

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017483.D
 Acq On : 23 Jul 2020 10:30
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:52 PM

Quant Time: Jul 23 12:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	669443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	894885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	887223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	480718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	148517	17.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.72%	
35) Dibromofluoromethane	5.47	113	114150	18.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.60%	
50) Toluene-d8	8.70	98	408761	18.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.52%	
62) 4-Bromofluorobenzene	11.12	95	160836	18.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123331	21.710	ug/l	99
3) Chloromethane	1.32	50	149440	22.347	ug/l	98
4) Vinyl Chloride	1.39	62	151678	23.178	ug/l	97
5) Bromomethane	1.63	94	93045	22.051	ug/l	97
6) Chloroethane	1.72	64	87653	21.323	ug/l	96
7) Trichlorofluoromethane	1.92	101	237071	21.831	ug/l	96
8) Diethyl Ether	2.17	74	79102	20.213	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130968	21.077	ug/l	99
10) Methyl Iodide	2.49	142	172142	22.395	ug/l	99
11) Tert butyl alcohol	3.01	59	166708	110.077	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125923	20.235	ug/l	90
13) Acrolein	2.27	56	125397	138.907	ug/l	99
14) Allyl chloride	2.71	41	232883	21.287	ug/l	99
15) Acrylonitrile	3.12	53	357027	100.580	ug/l	99
16) Acetone	2.42	43	326632	103.614	ug/l	99
17) Carbon Disulfide	2.55	76	373665	20.566	ug/l	98
18) Methyl Acetate	2.75	43	156683	20.145	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	424107	20.009	ug/l	100
20) Methylene Chloride	2.84	84	136037	18.223	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	133458	18.990	ug/l	97
22) Diisopropyl ether	3.82	45	425745	20.904	ug/l	94
23) Vinyl Acetate	3.79	43	1922449	106.650	ug/l	100
24) 1,1-Dichloroethane	3.67	63	238869	20.020	ug/l	99
25) 2-Butanone	4.64	43	506582	103.874	ug/l	97
26) 2,2-Dichloropropane	4.55	77	231707	20.991	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	143493	18.762	ug/l	98
28) Bromochloromethane	4.98	49	129559	23.534	ug/l	100
29) Tetrahydrofuran	5.09	42	318792	101.354	ug/l	98
30) Chloroform	5.18	83	243989	19.137	ug/l	99
31) Cyclohexane	5.55	56	199218	20.547	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228383	19.369	ug/l	99
36) 1,1-Dichloropropene	5.78	75	179953	21.939	ug/l	99
37) Ethyl Acetate	4.80	43	198846	22.703	ug/l	99
38) Carbon Tetrachloride	5.75	117	214441	22.253	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	195920	21.961	ug/l	97
40) Benzene	6.12	78	507822	21.467	ug/l	98
41) Methacrylonitrile	5.01	41	110792	23.680	ug/l	99
42) 1,2-Dichloroethane	6.17	62	204625	22.008	ug/l	98
43) Isopropyl Acetate	6.42	43	292462	20.632	ug/l	99
44) Trichloroethene	7.19	130	143219	20.012	ug/l	90
45) 1,2-Dichloropropane	7.49	63	132365	21.862	ug/l	96
46) Dibromomethane	7.64	93	93648	21.483	ug/l	98
47) Bromodichloromethane	7.88	83	190578	20.918	ug/l	100
48) Methyl methacrylate	7.74	41	150191	22.695	ug/l	99
49) 1,4-Dioxane	7.71	88	62532	469.006	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	913109	107.768	ug/l	100
52) Toluene	8.77	92	315300	20.916	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	212577	21.323	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	229233	21.876	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	128420	20.207	ug/l	97
56) Ethyl methacrylate	9.16	69	198082	21.686	ug/l	98
57) 1,3-Dichloropropane	9.35	76	212800	20.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	522160	112.772	ug/l	100
59) 2-Hexanone	9.48	43	729102	113.467	ug/l	100
60) Dibromochloromethane	9.57	129	164222	21.035	ug/l	98
61) 1,2-Dibromoethane	9.65	107	139185	20.089	ug/l	99
64) Tetrachloroethene	9.32	164	151873	19.790	ug/l	97
65) Chlorobenzene	10.12	112	356208	19.592	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	143284	19.807	ug/l	99
67) Ethyl Benzene	10.24	91	613386	20.356	ug/l	99
68) m/p-Xylenes	10.34	106	468583	40.706	ug/l	99
69) o-Xylene	10.68	106	223781	20.347	ug/l	99
70) Styrene	10.70	104	390582	20.648	ug/l	98
71) Bromoform	10.84	173	124746	20.274	ug/l #	99
73) Isopropylbenzene	11.00	105	613929	20.255	ug/l	99
74) N-amyl acetate	10.88	43	273163	21.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	183335	19.829	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	187802m	20.828	ug/l	
77) Bromobenzene	11.24	156	167650	19.407	ug/l	97
78) n-propylbenzene	11.34	91	712222	20.978	ug/l	99
79) 2-Chlorotoluene	11.40	91	430122	20.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	538066	20.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	71521	20.034	ug/l	96
82) 4-Chlorotoluene	11.49	91	521893	20.954	ug/l	100
83) tert-Butylbenzene	11.76	119	498443	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	541776	20.797	ug/l	100
85) sec-Butylbenzene	11.93	105	594747	20.430	ug/l	99
86) p-Isopropyltoluene	12.05	119	577336	20.914	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	289420	18.762	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	294428	18.871	ug/l	98
89) n-Butylbenzene	12.37	91	489943	20.681	ug/l	100
90) Hexachloroethane	12.58	117	102004	19.366	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	280230	19.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48057	19.323	ug/l	98

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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	195723	19.254	ug/l	99
94) Hexachlorobutadiene	13.77	225	91848	21.697	ug/l	99
95) Naphthalene	13.82	128	601730	20.005	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	199202	20.168	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

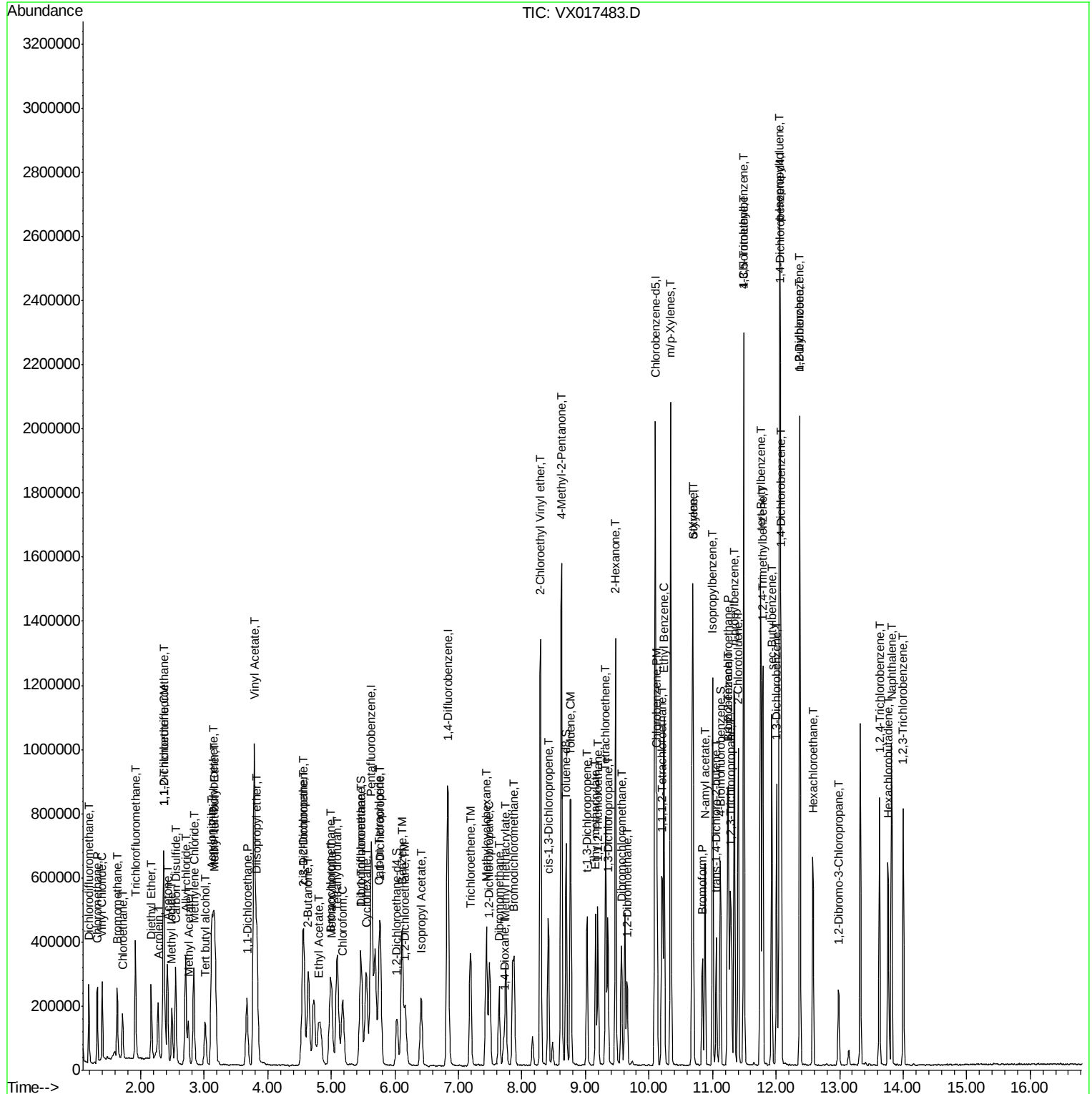
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017483.D
Acq On : 23 Jul 2020 10:30
Operator : JC/SP
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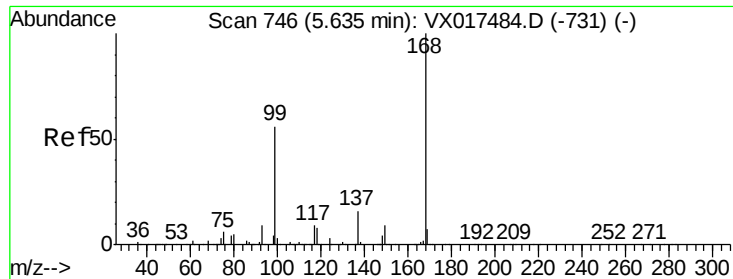
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC020

Manual Integrations
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MMDadoda
7/24/2020 1:00:52 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 669443

Ion Ratio Lower Upper

168 100

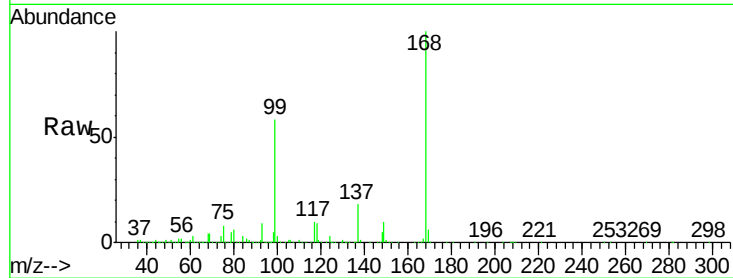
99 57.8 44.6 67.0

Manual Integrations

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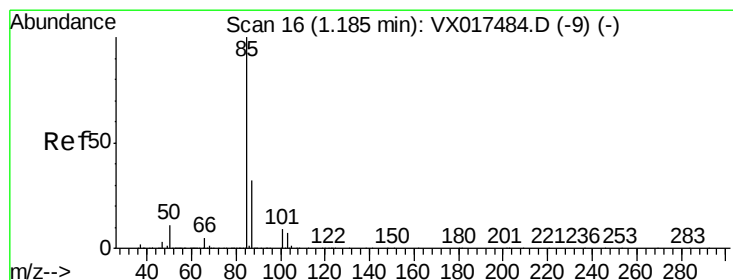
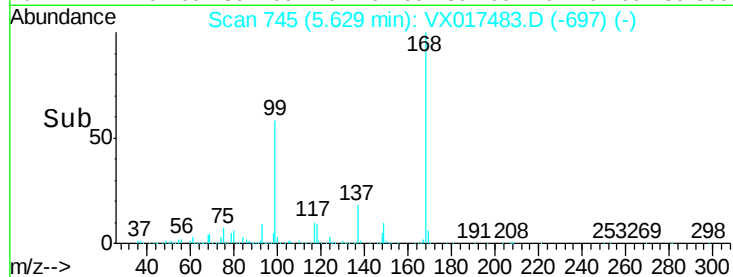
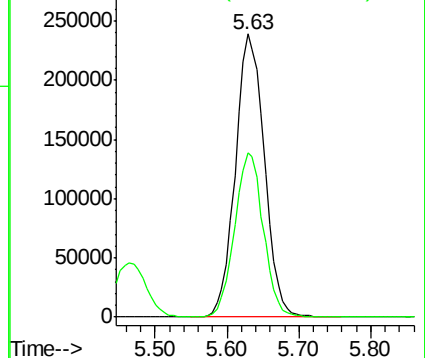
MMDadoda

7/24/2020 1:00:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.710 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017483.D

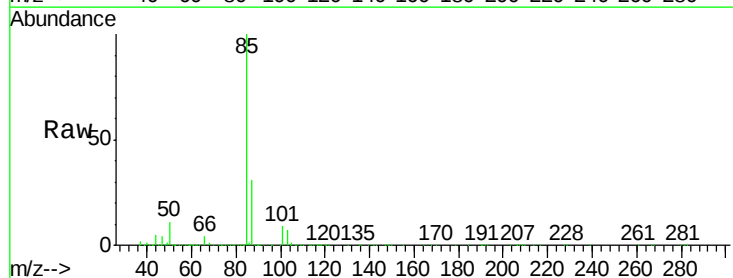
Acq: 23 Jul 2020 10:30

Tgt Ion: 85 Resp: 123331

Ion Ratio Lower Upper

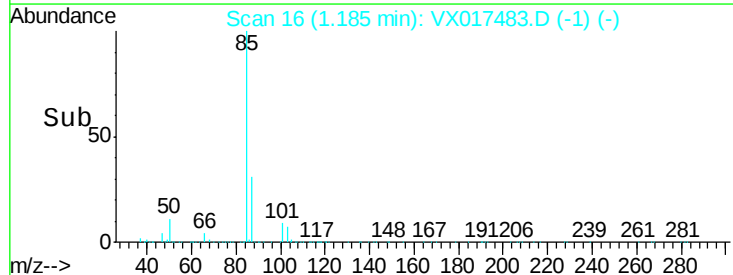
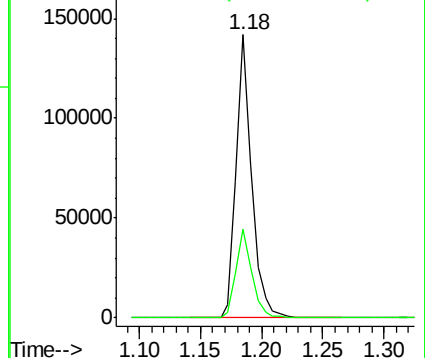
85 100

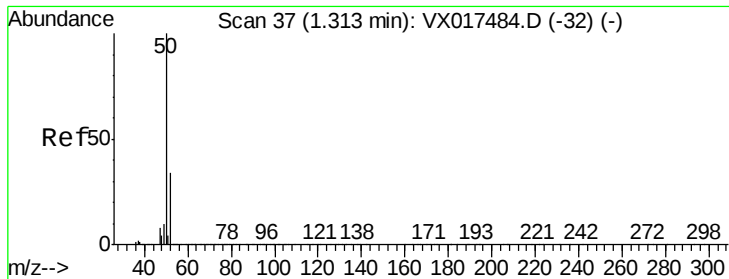
87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.347 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 149440

Ion Ratio Lower Upper

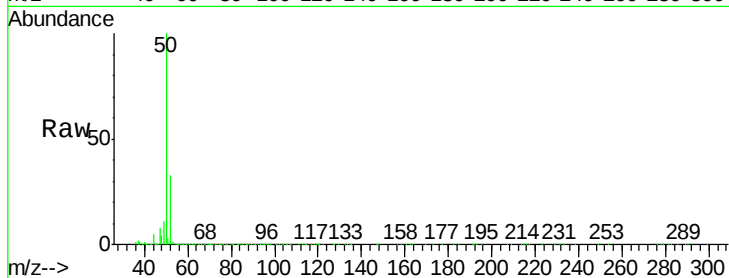
50 100

52 32.5 27.1 40.7

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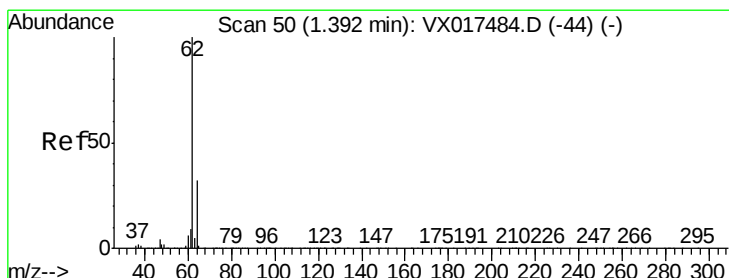
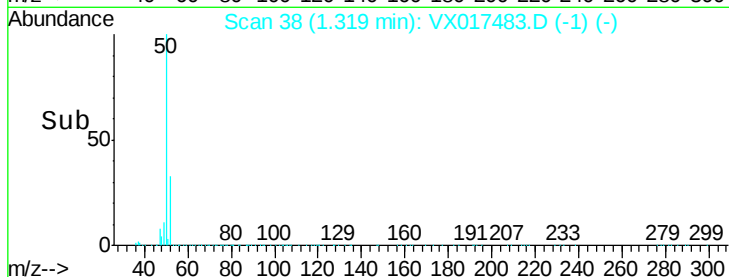
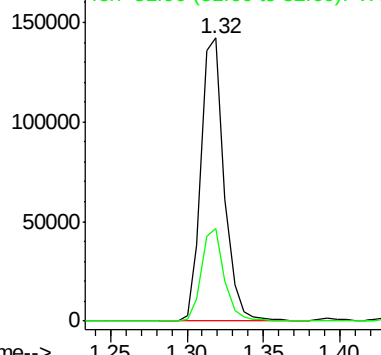
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 23.178 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017483.D

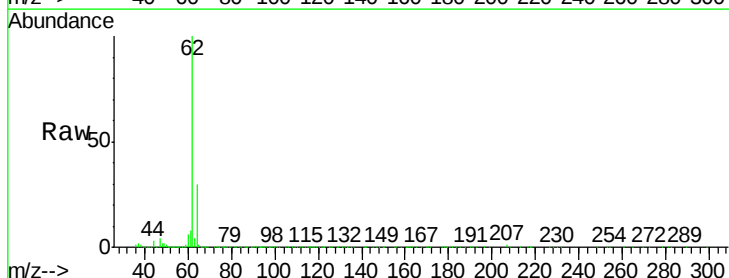
Acq: 23 Jul 2020 10:30

Tgt Ion: 62 Resp: 151678

Ion Ratio Lower Upper

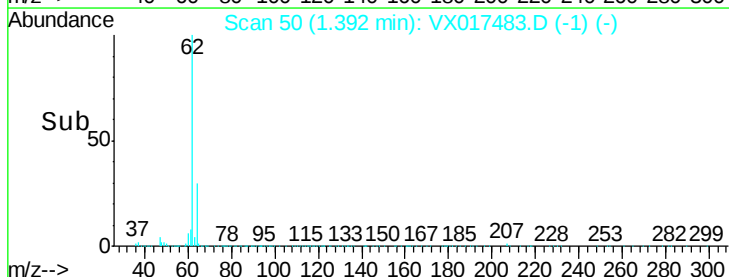
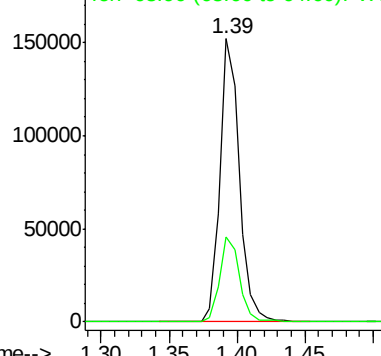
62 100

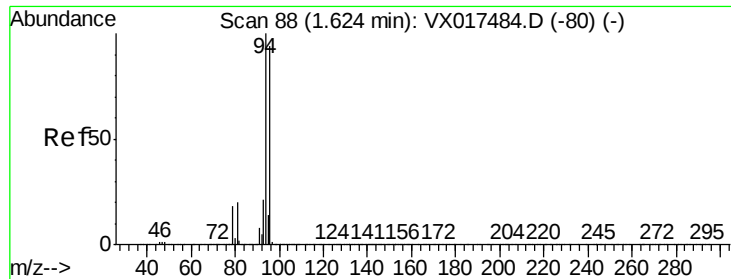
64 29.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.051 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 93045

Ion Ratio Lower Upper

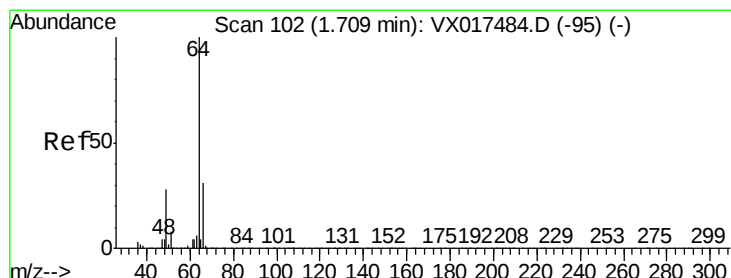
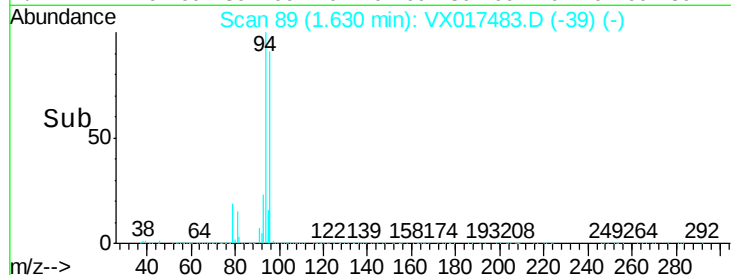
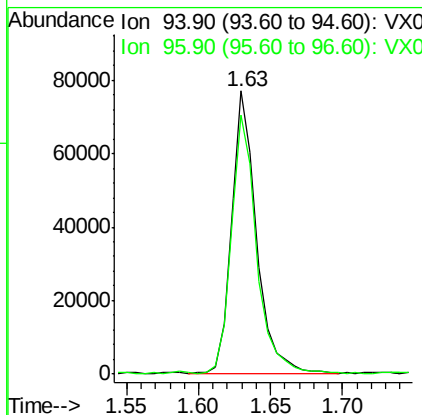
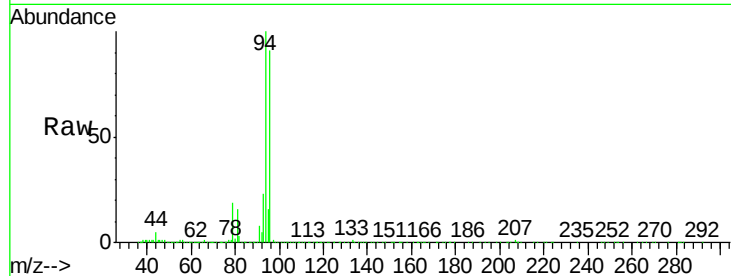
94 100

96 91.3 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 21.323 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017483.D

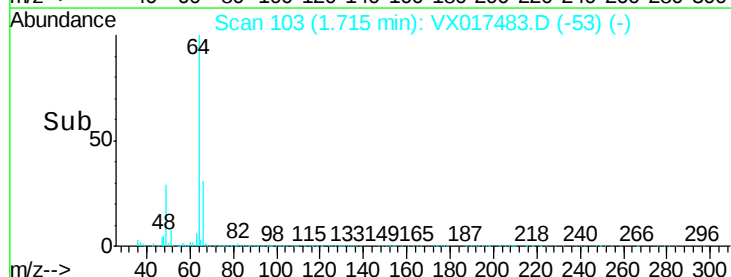
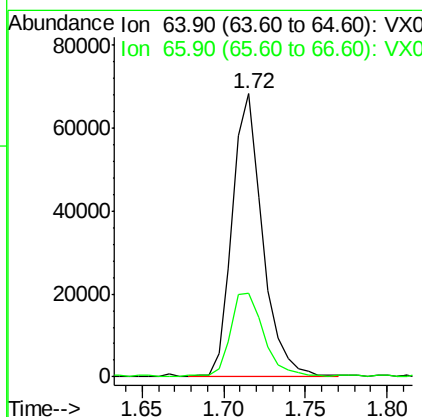
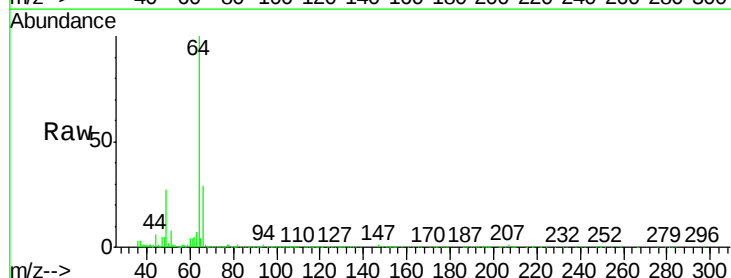
Acq: 23 Jul 2020 10:30

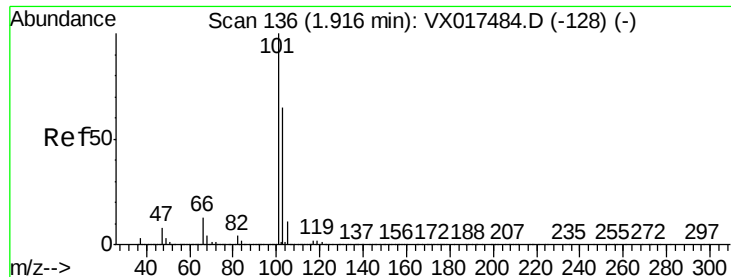
Tgt Ion: 64 Resp: 87653

Ion Ratio Lower Upper

64 100

66 28.8 24.8 37.2





#7

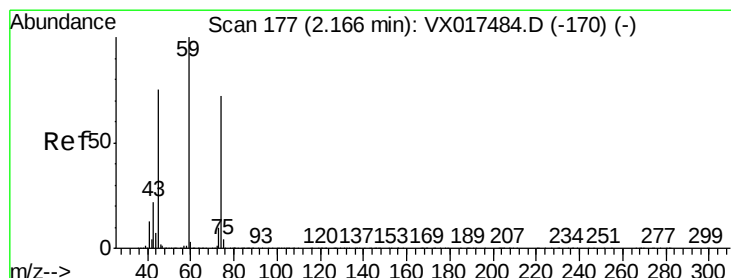
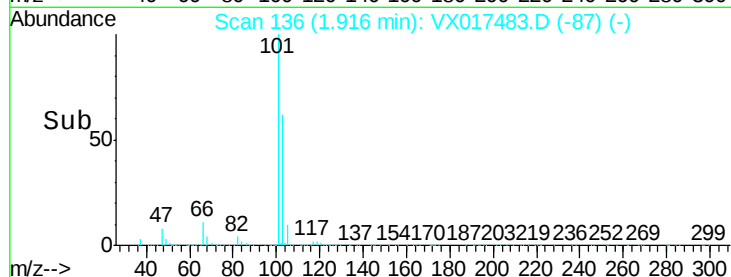
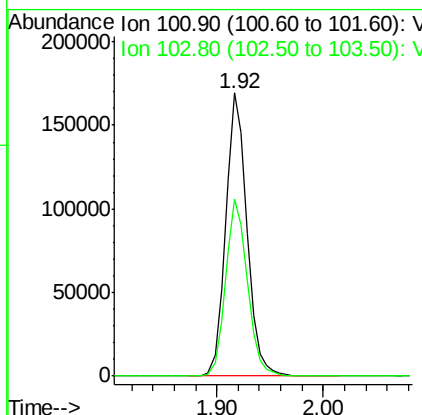
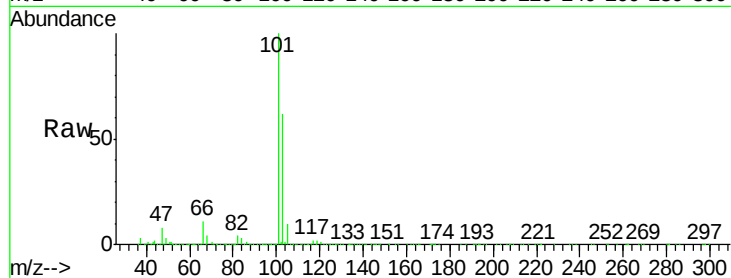
Trichlorofluoromethane
Concen: 21.831 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.4

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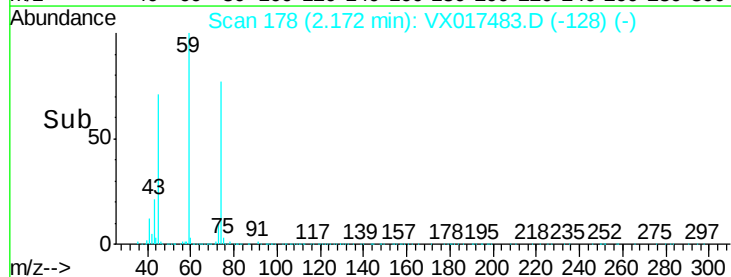
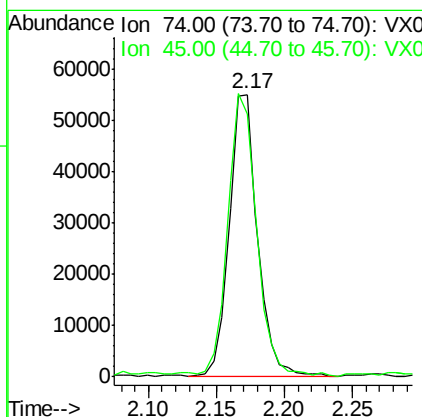
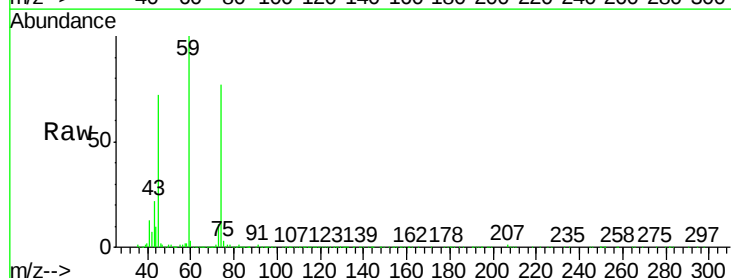
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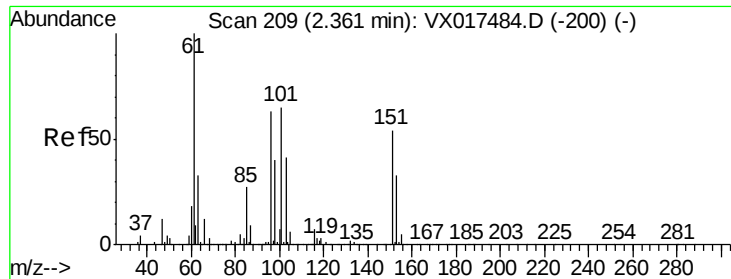


#8

Diethyl Ether
Concen: 20.213 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	50.6	151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.077 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

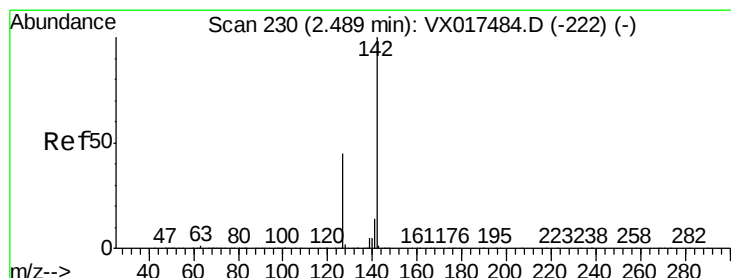
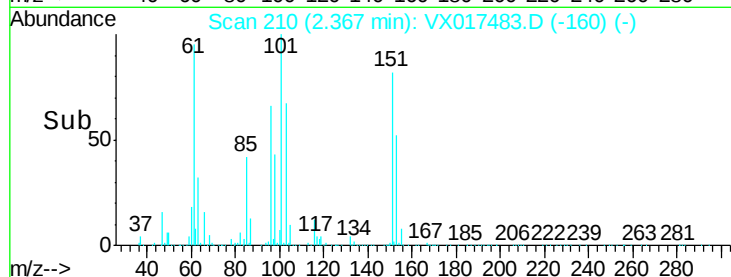
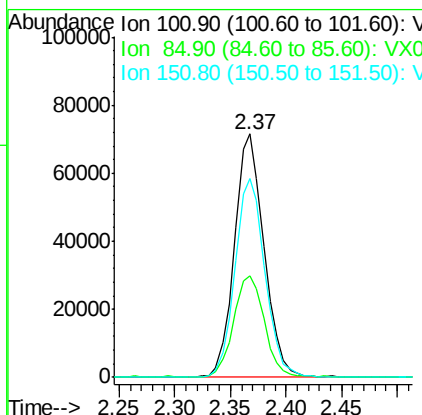
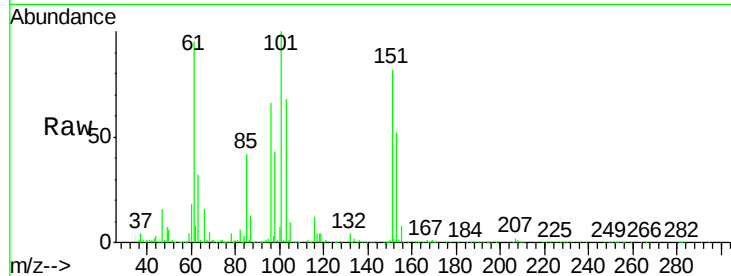
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	130968
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.8	50.6
151	83.4	65.8	98.8

Manual Integrations
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7/24/2020 1:00:52 PM



#10

Methyl Iodide

Concen: 22.395 ug/l

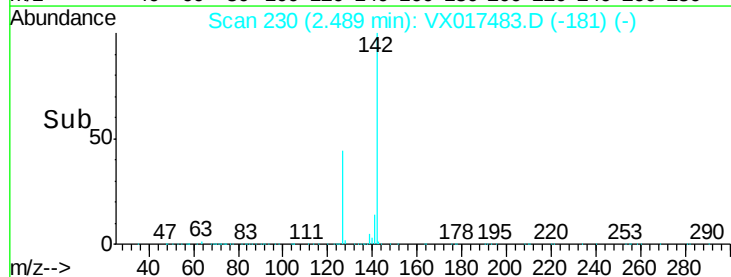
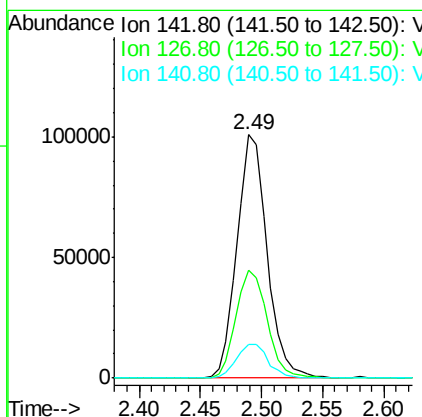
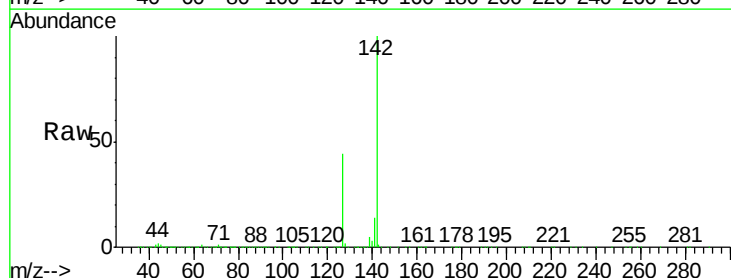
RT: 2.49 min Scan# 230

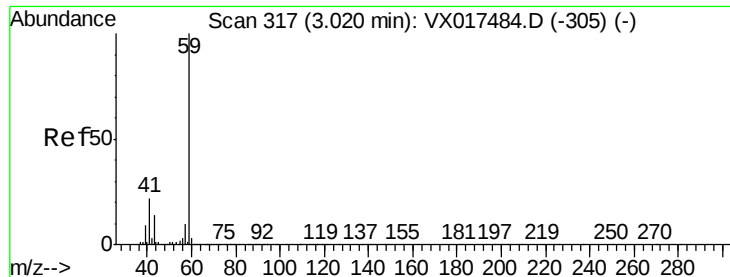
Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	142	Resp:	172142
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.4	54.6
141	14.8	11.4	17.2





#11

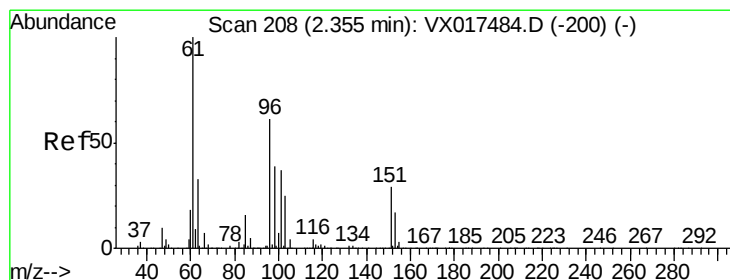
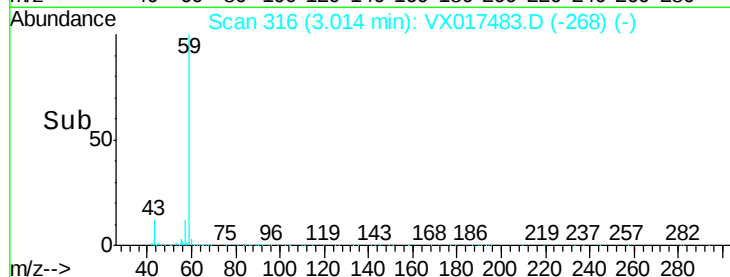
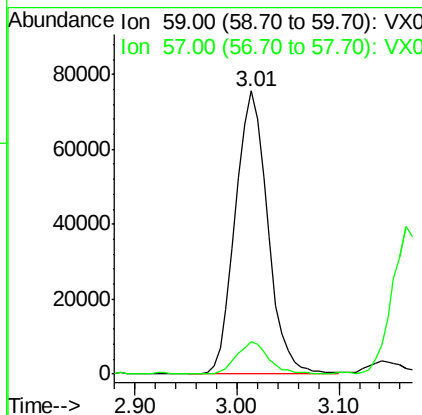
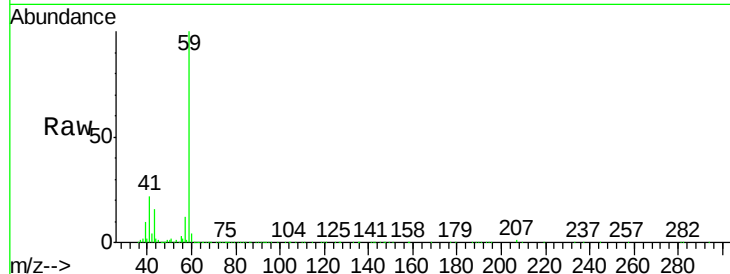
Tert butyl alcohol
 Concen: 110.077 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

Manual Integrations
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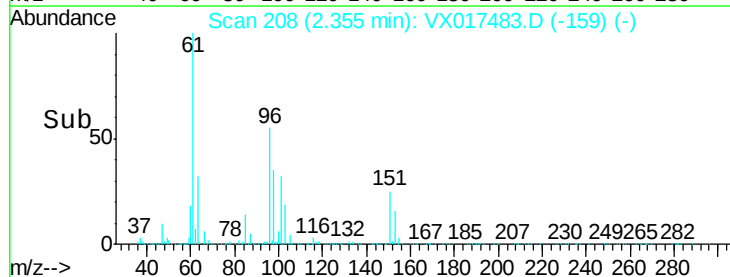
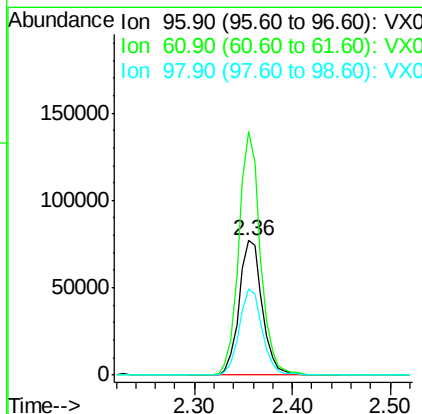
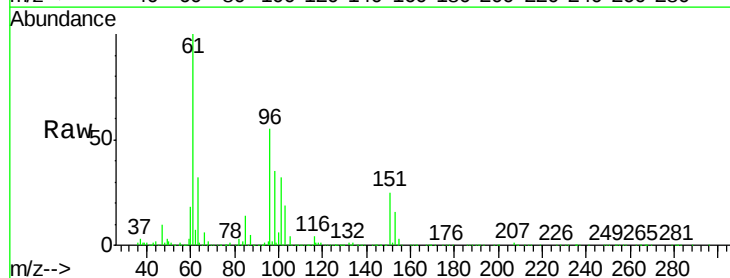
MMDadoda
 7/24/2020 1:00:52 PM

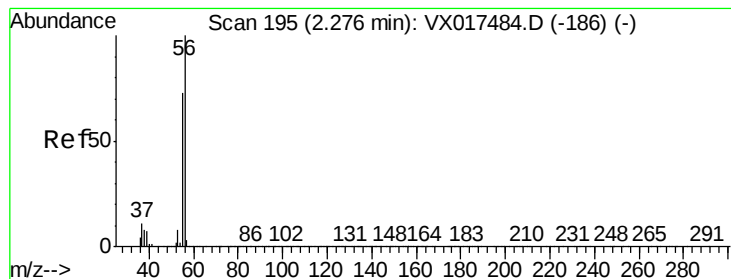


#12

1,1-Dichloroethene
 Concen: 20.235 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.2	130.2	195.4
98	64.3	50.5	75.7





#13

Acrolein

Concen: 138.907 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 125397

Ion Ratio Lower Upper

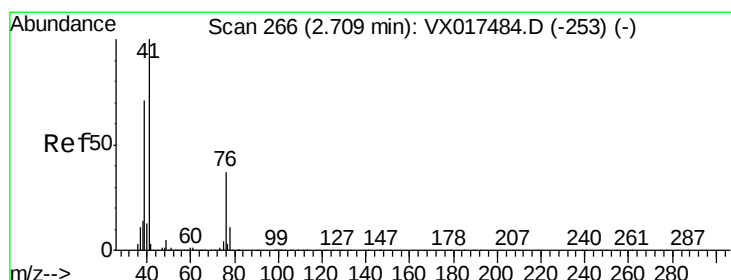
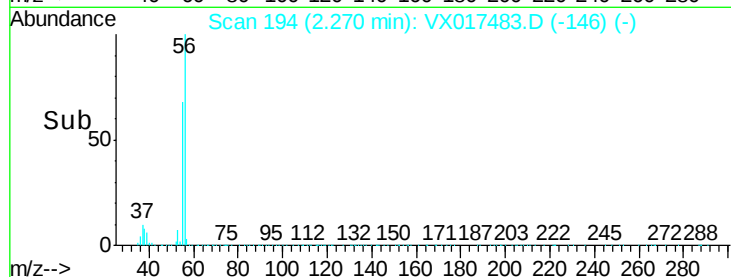
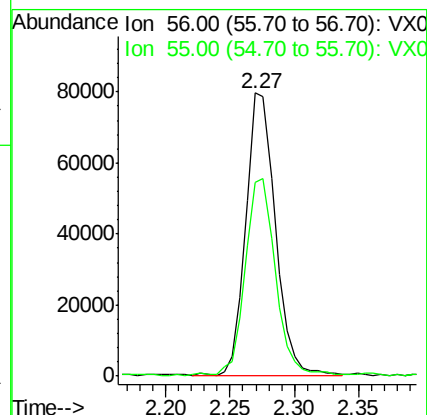
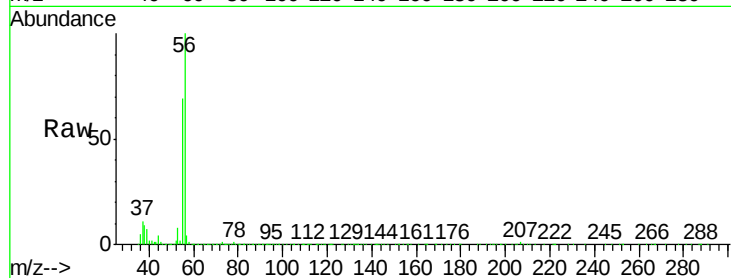
56 100

55 71.1 57.3 85.9

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:52 PM



#14

Allyl chloride

Concen: 21.287 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

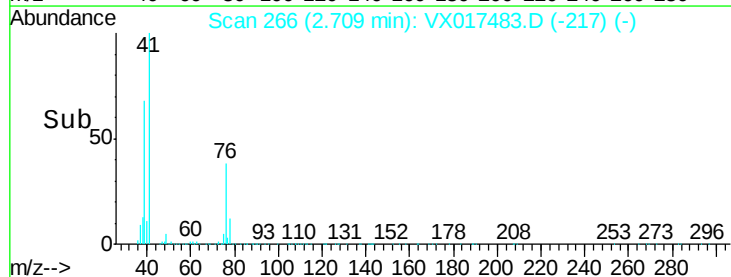
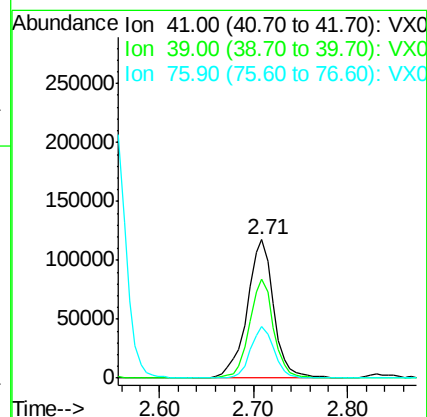
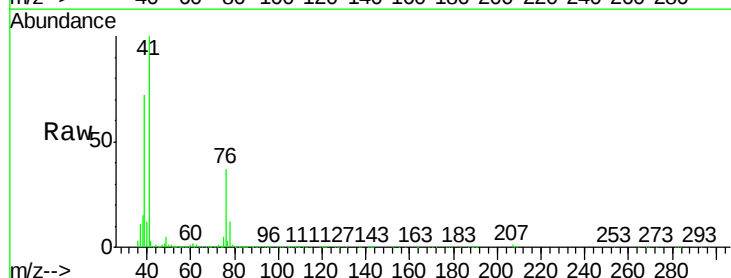
Tgt Ion: 41 Resp: 232883

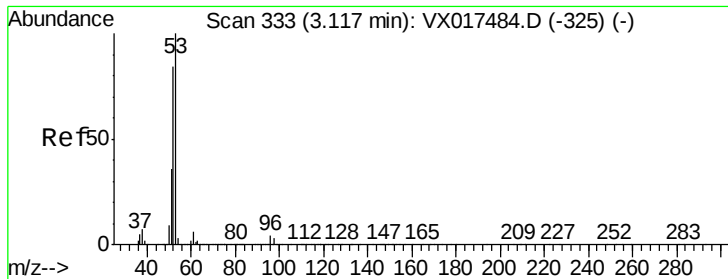
Ion Ratio Lower Upper

41 100

39 64.4 51.7 77.5

76 32.4 26.4 39.6





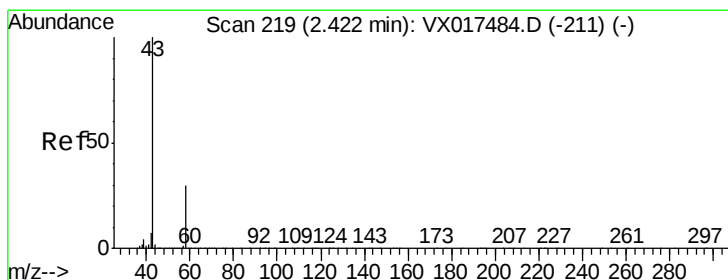
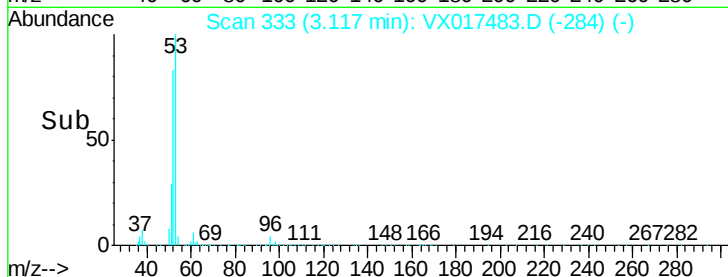
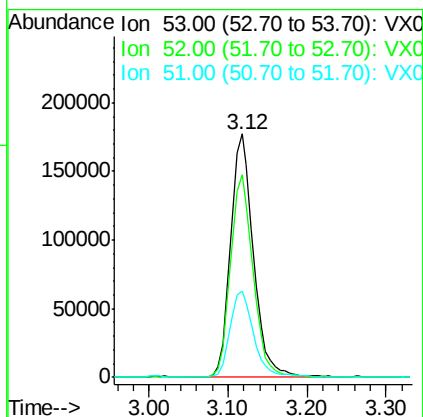
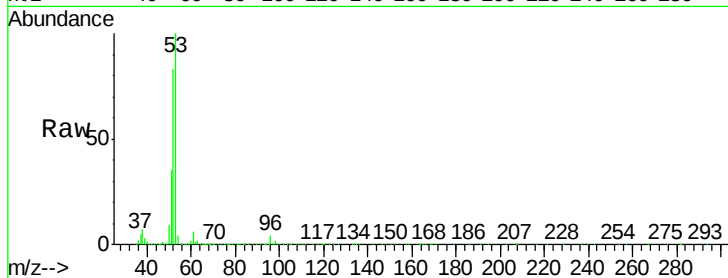
#15
 Acrylonitrile
 Concen: 100.580 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	36.7	29.6	44.4

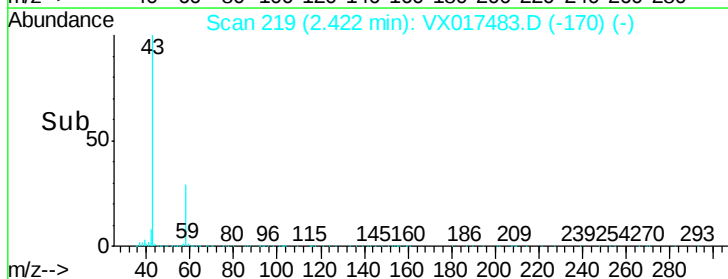
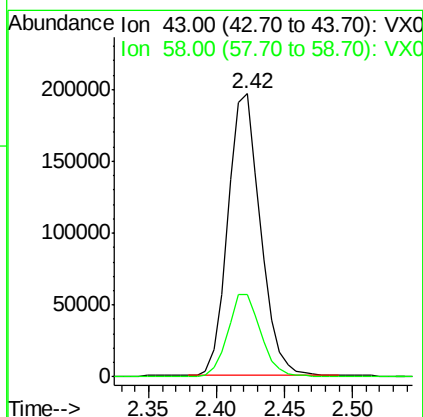
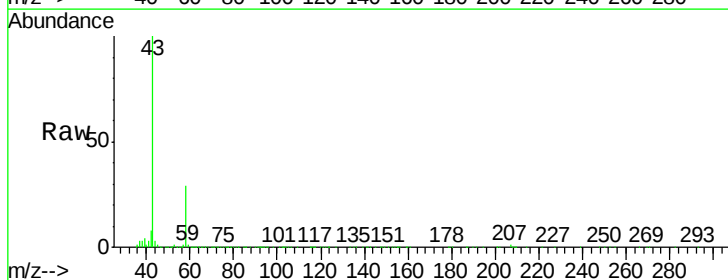
Manual Integrations
 APPROVED

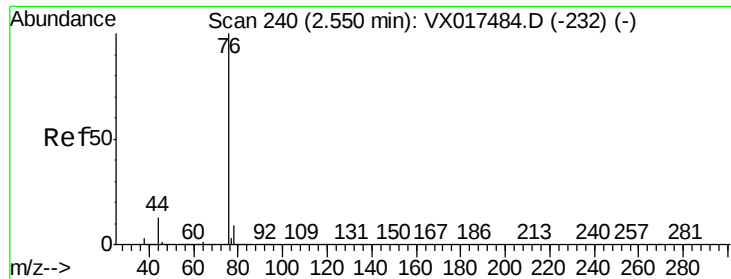
MMDadoda
 7/24/2020 1:00:52 PM



#16
 Acetone
 Concen: 103.614 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.7	35.5





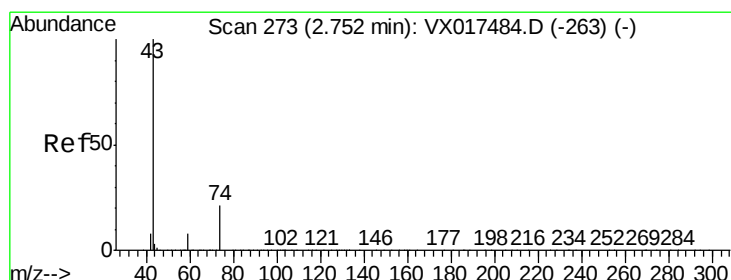
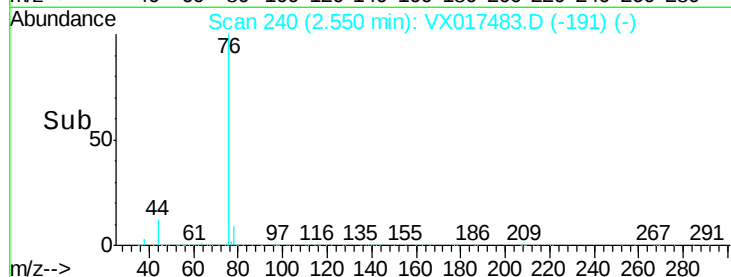
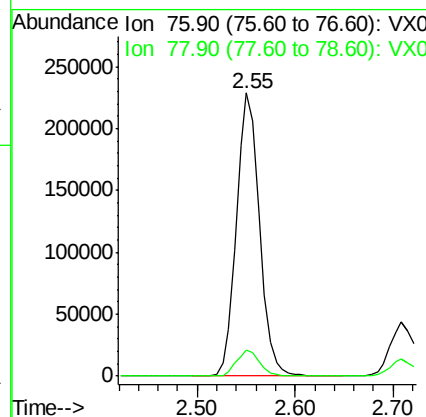
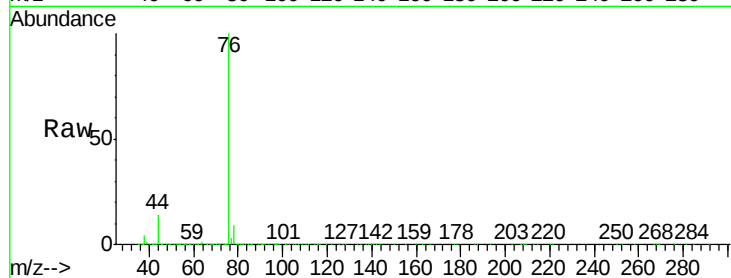
#17
Carbon Disulfide
Concen: 20.566 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

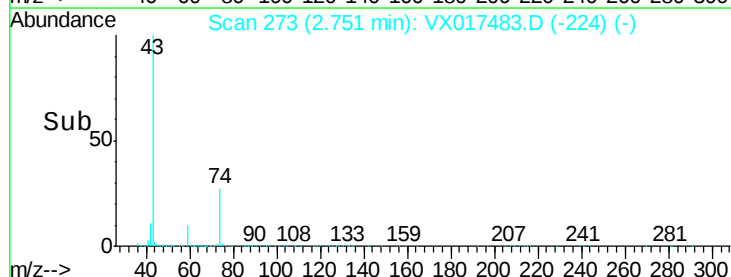
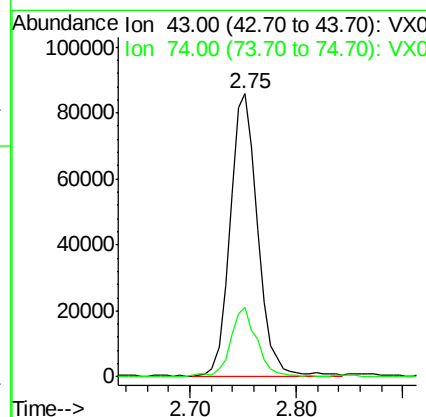
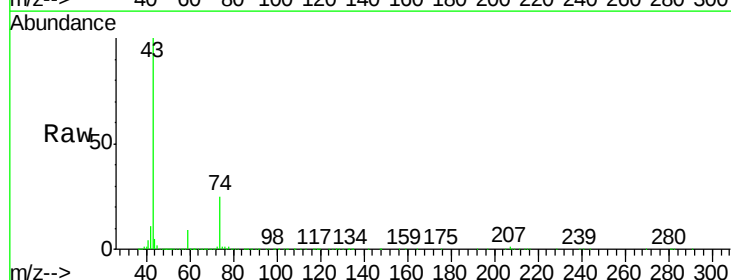
Manual Integrations
APPROVED

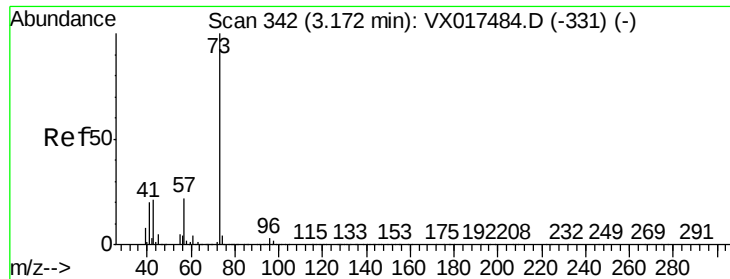
MMDadoda
7/24/2020 1:00:52 PM



#18
Methyl Acetate
Concen: 20.145 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.1	27.1





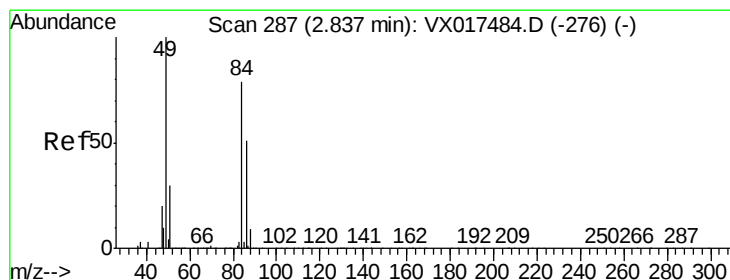
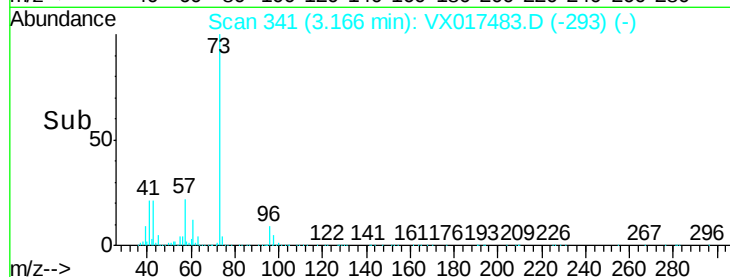
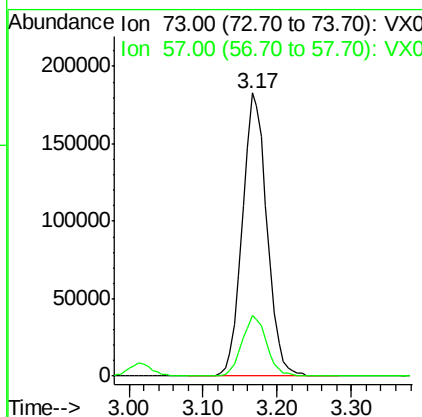
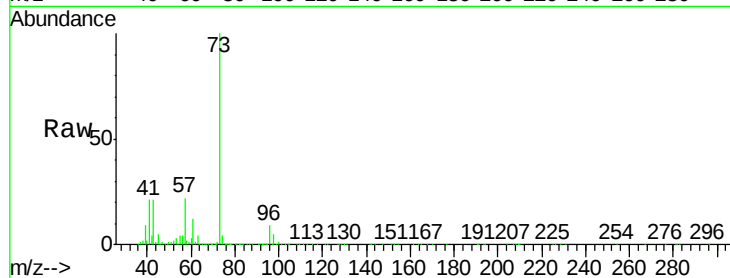
#19
Methvl tert-butvl Ether
Concen: 20.009 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.3	25.9

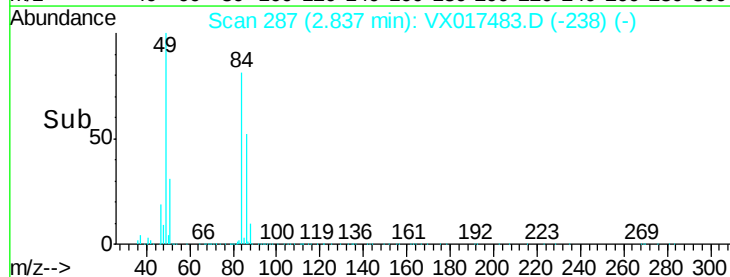
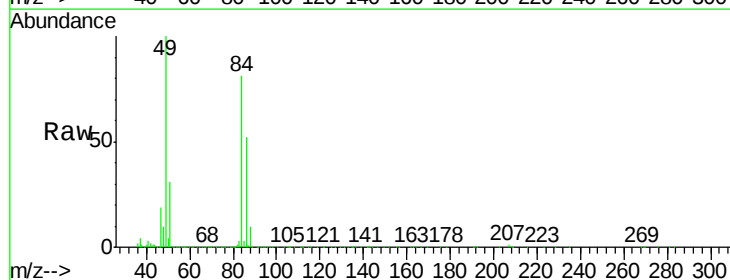
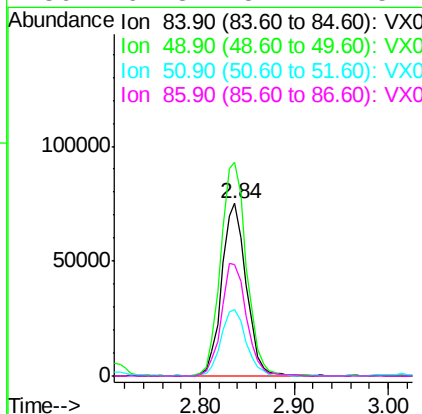
Manual Integrations
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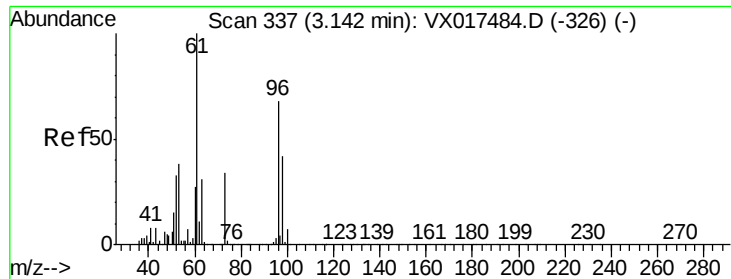
MMDadoda
7/24/2020 1:00:52 PM



#20
Methylene Chloride
Concen: 18.223 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	101.4	152.2
51	38.8	30.6	45.8
86	64.3	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 18.990 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

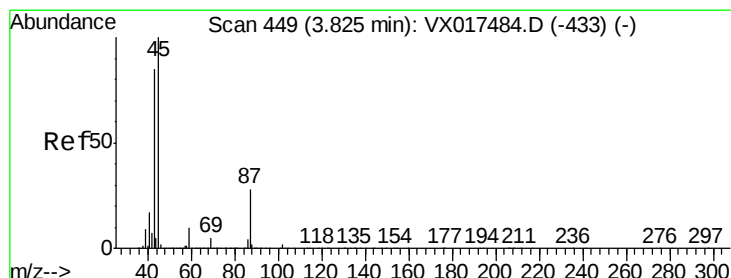
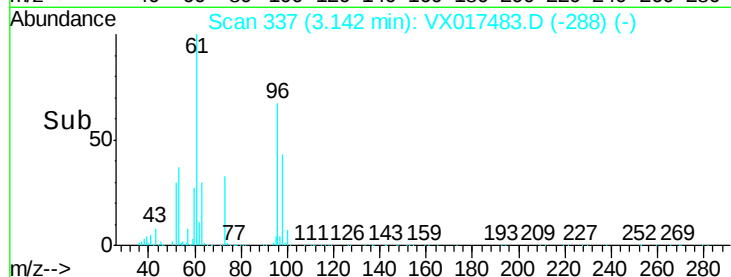
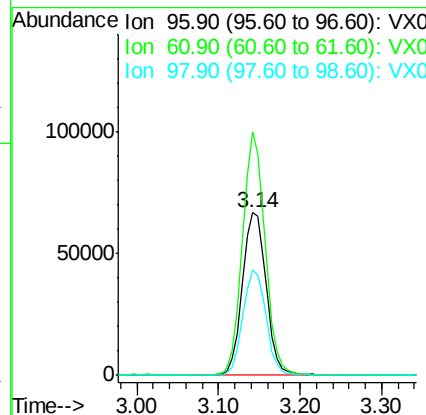
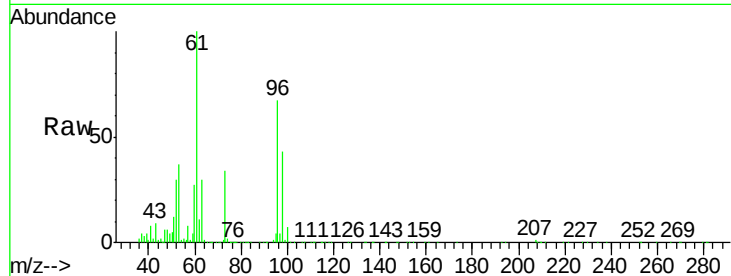
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	133458
Ion	Ratio	Lower	Upper
96	100		
61	149.9	117.2	175.8
98	64.7	49.0	73.4

Manual Integrations
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7/24/2020 1:00:52 PM



#22

Diisopropyl ether

Concen: 20.904 ug/l

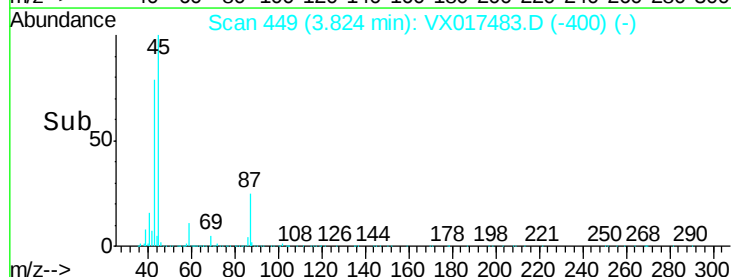
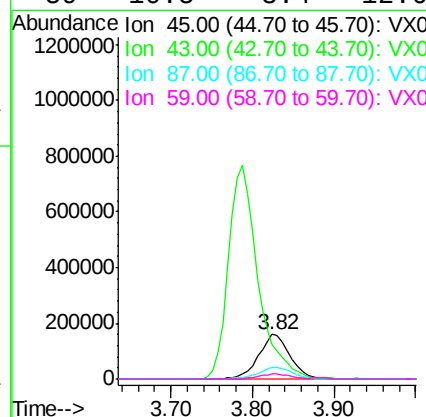
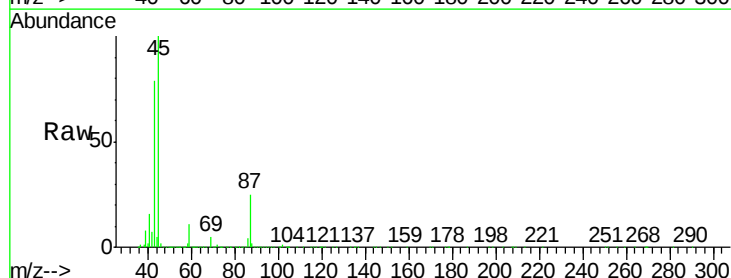
RT: 3.82 min Scan# 449

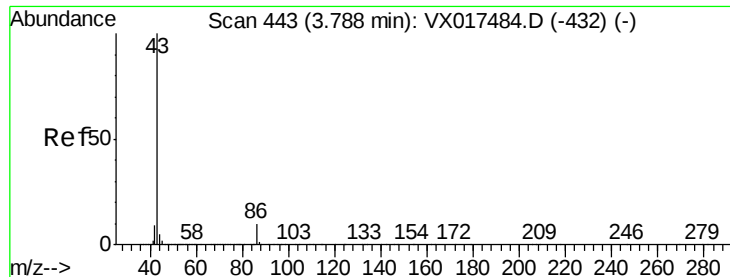
Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	45	Resp:	425745
Ion	Ratio	Lower	Upper
45	100		
43	78.7	68.0	102.0
87	25.3	22.2	33.4
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 106.650 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1922449

Ion Ratio Lower Upper

43 100

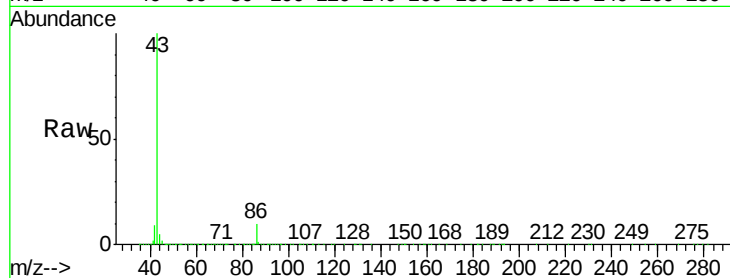
86 10.1 8.0 12.0

Manual Integrations

APPROVED

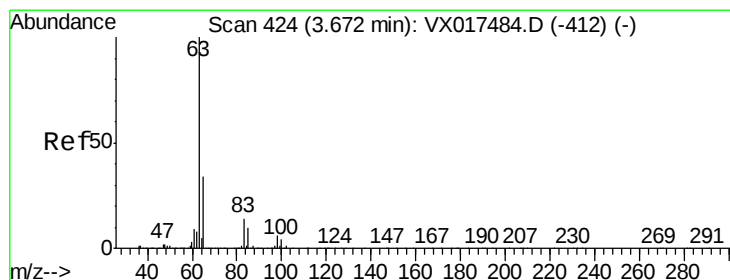
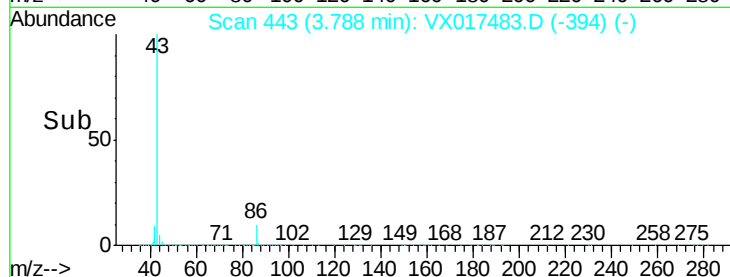
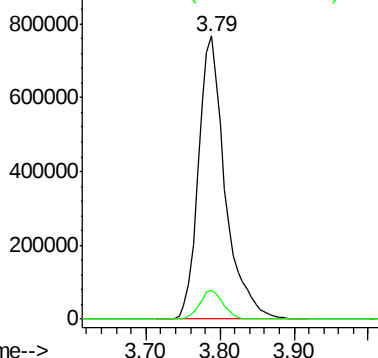
MMDadoda

7/24/2020 1:00:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.020 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

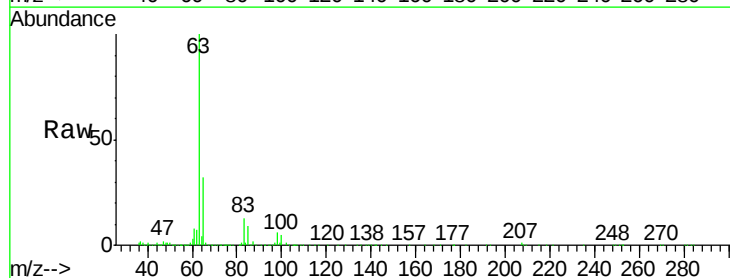
Tgt Ion: 63 Resp: 238869

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

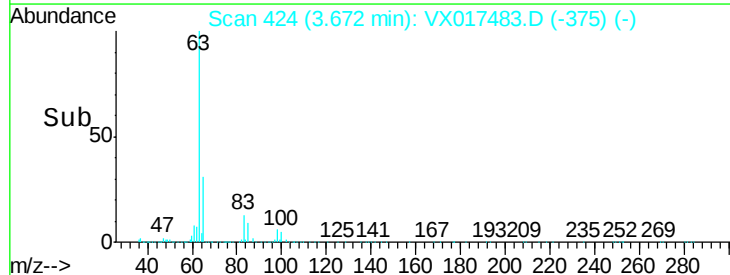
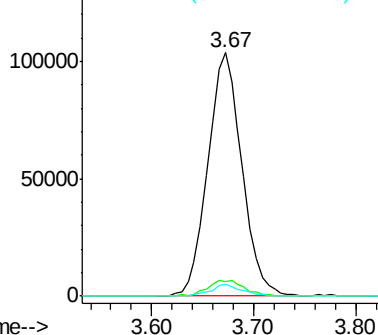
100 4.7 2.1 6.5

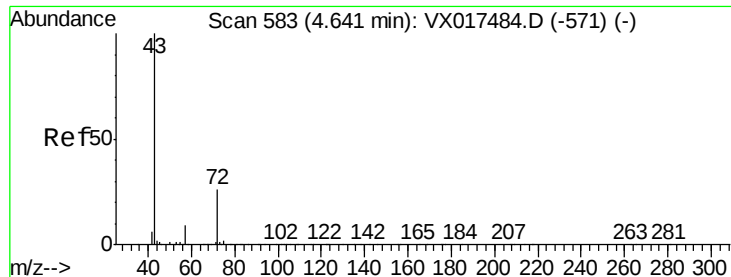


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.874 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 506582

Ion Ratio Lower Upper

43 100

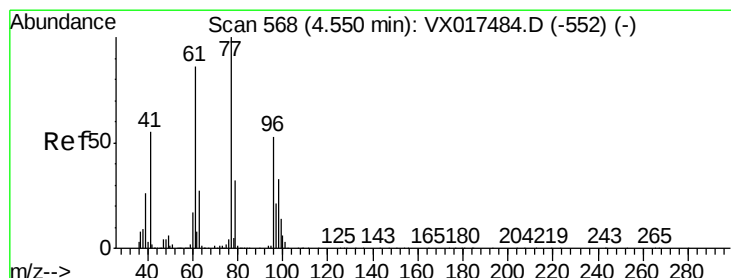
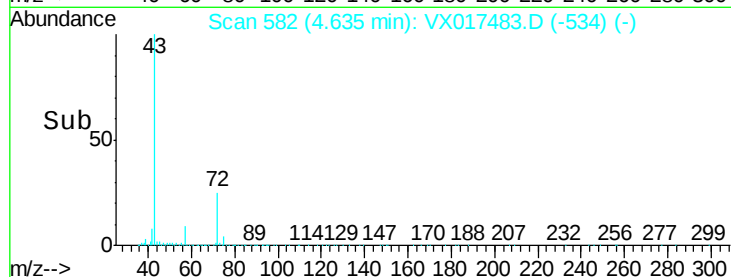
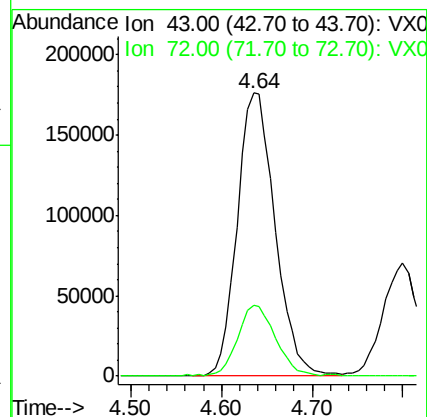
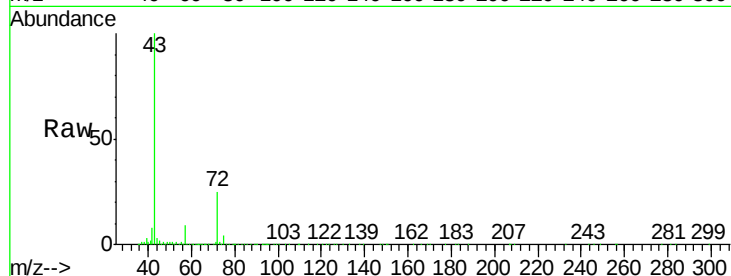
72 24.8 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 20.991 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017483.D

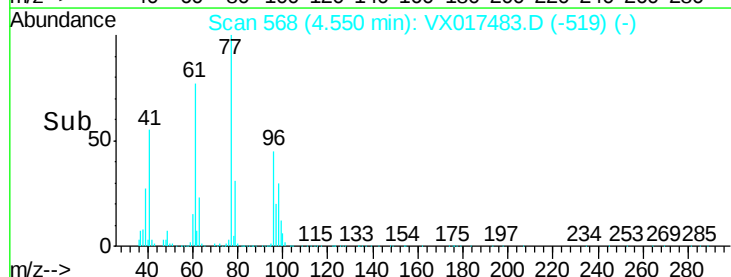
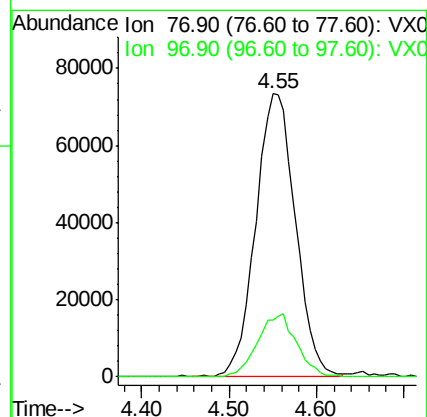
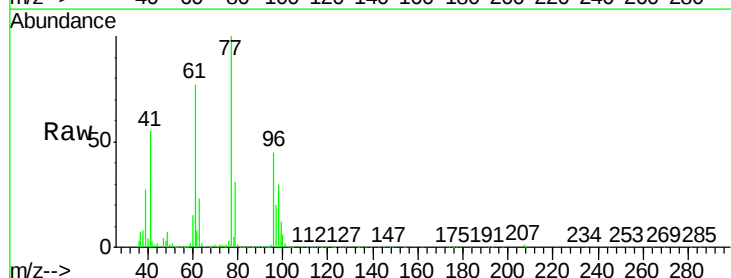
Acq: 23 Jul 2020 10:30

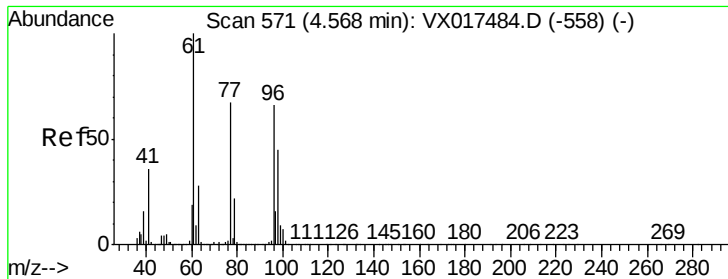
Tgt Ion: 77 Resp: 231707

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3





#27

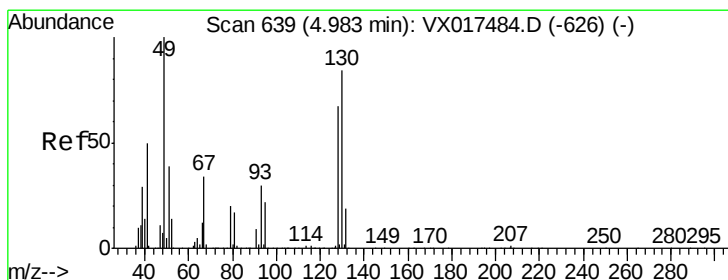
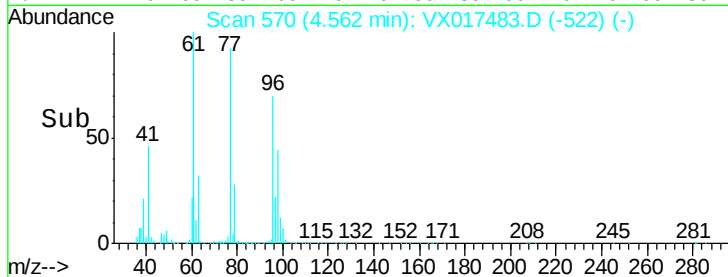
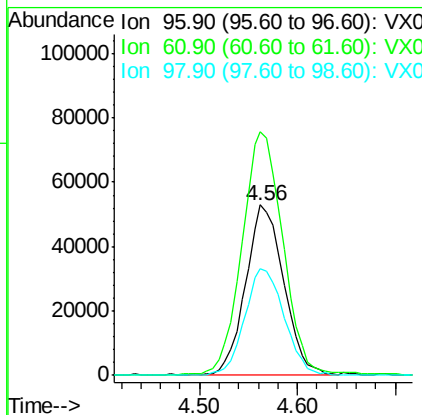
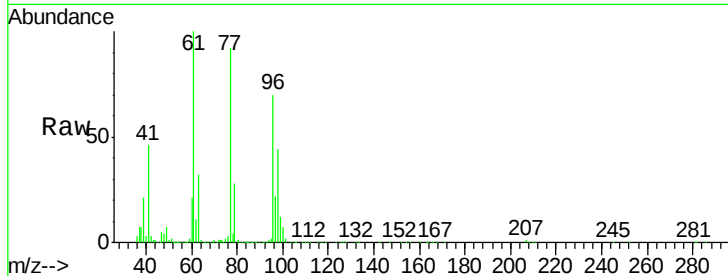
cis-1,2-Dichloroethene
Concen: 18.762 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	143493		
61	152.3	0.0	299.2	
98	65.1	0.0	127.6	

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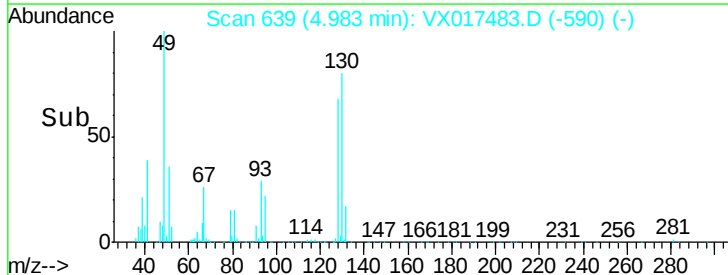
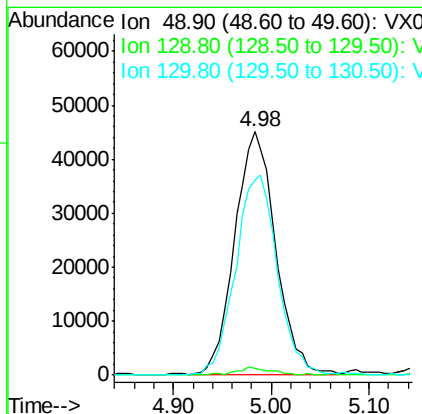
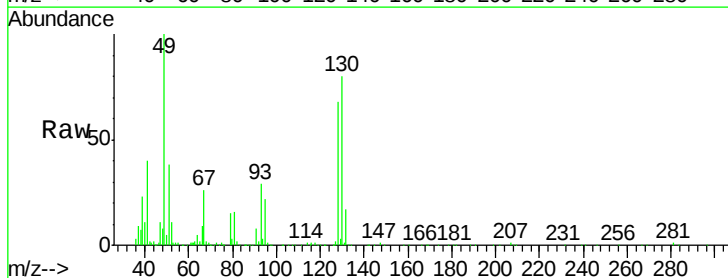
MMDadoda
7/24/2020 1:00:52 PM

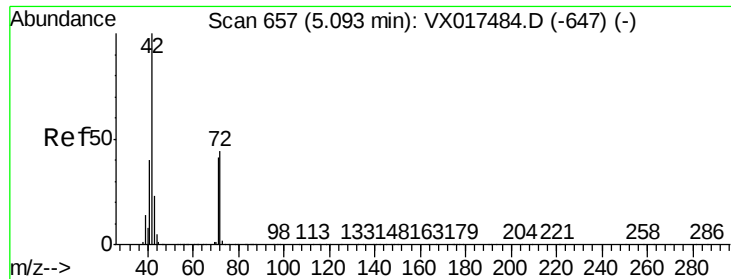


#28

Bromochloromethane
Concen: 23.534 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129559		
129	2.8	0.0	4.4	
130	84.7	68.0	102.0	





#29

Tetrahydrofuran

Concen: 101.354 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

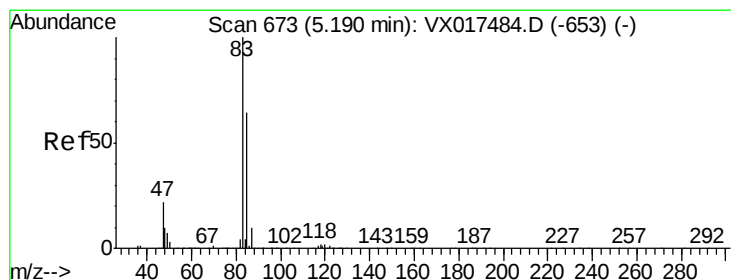
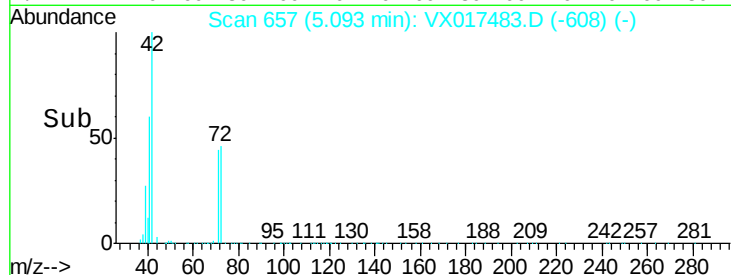
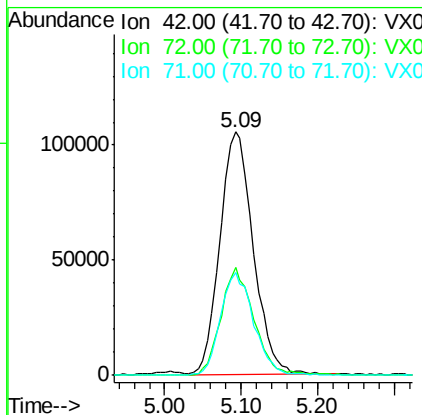
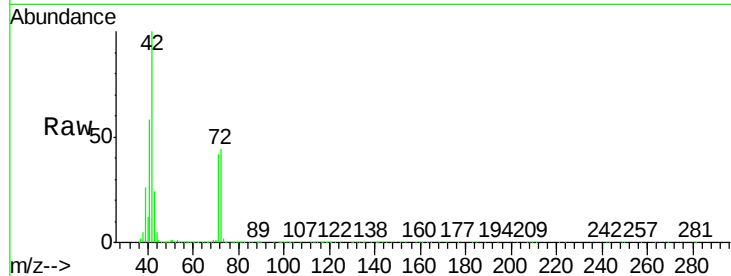
ClientSampleId :

VSTDIC020

Tot Ion:	42	Resp:	318792
Ion Ratio		Lower	Upper
42	100		
72	43.6	34.1	51.1
71	41.6	32.3	48.5

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#30

Chloroform

Concen: 19.137 ug/l

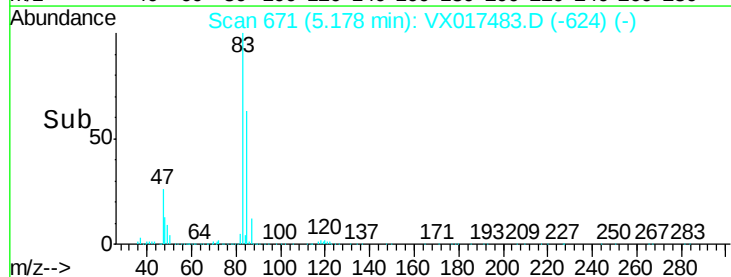
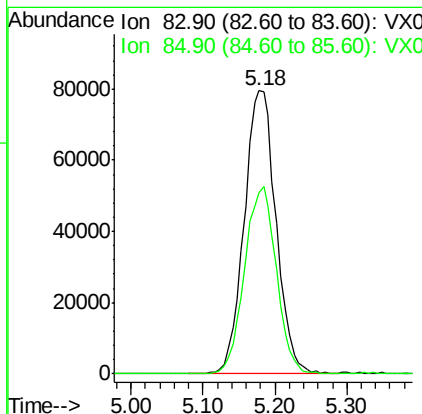
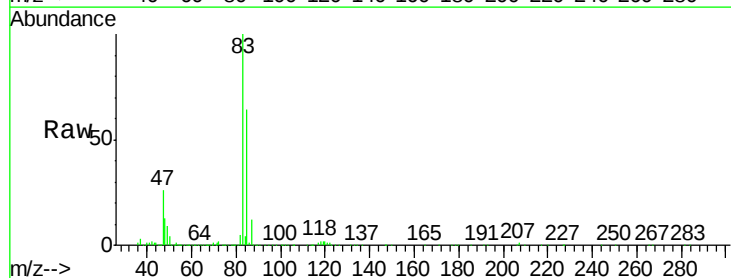
RT: 5.18 min Scan# 671

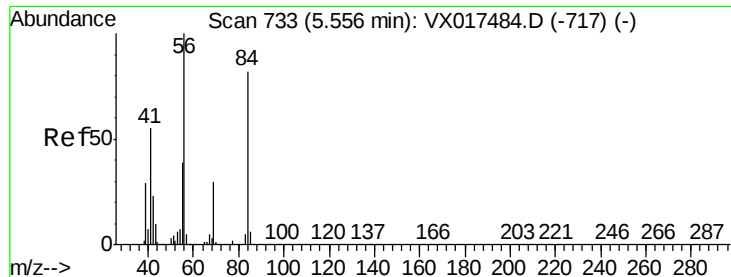
Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	83	Resp:	243989
Ion Ratio		Lower	Upper
83	100		
85	63.7	51.4	77.0





#31

Cyclohexane

Concen: 20.547 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

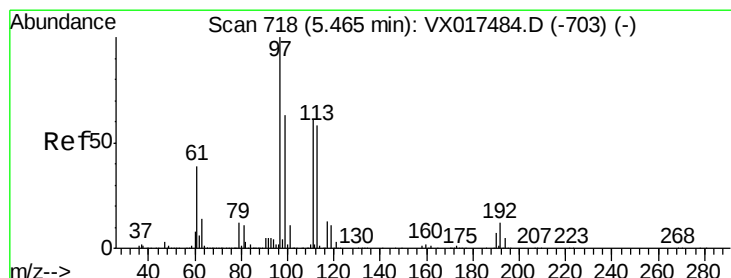
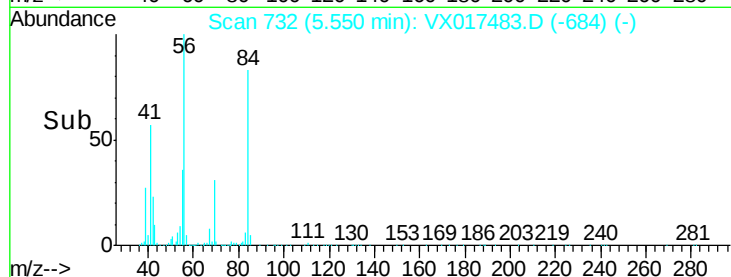
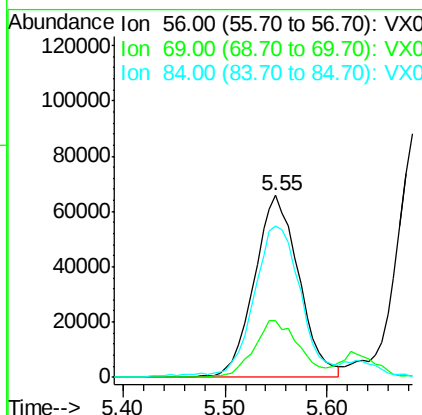
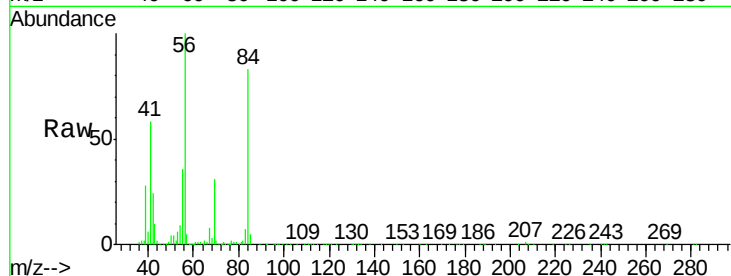
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	81.3	65.8	98.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.369 ug/l

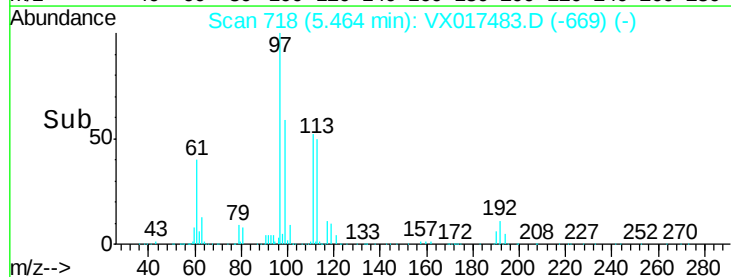
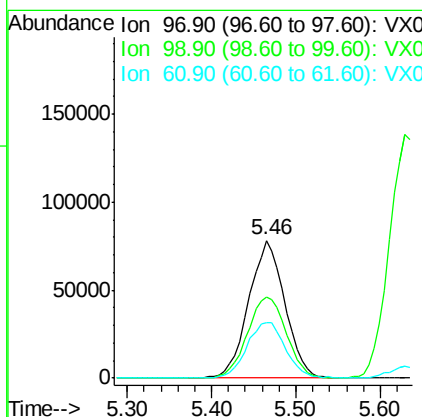
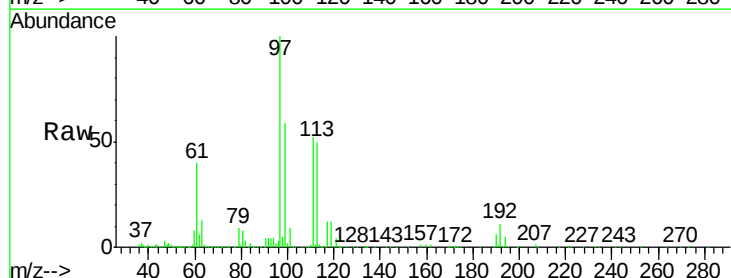
RT: 5.46 min Scan# 718

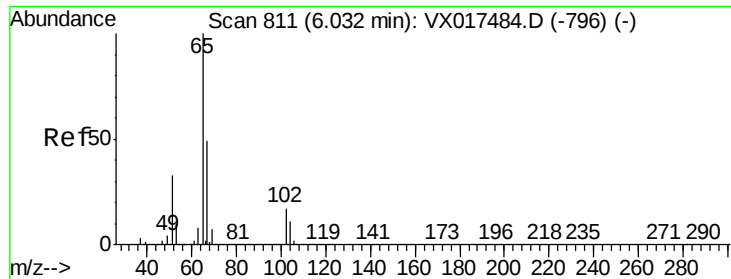
Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	43.1	33.4	50.0





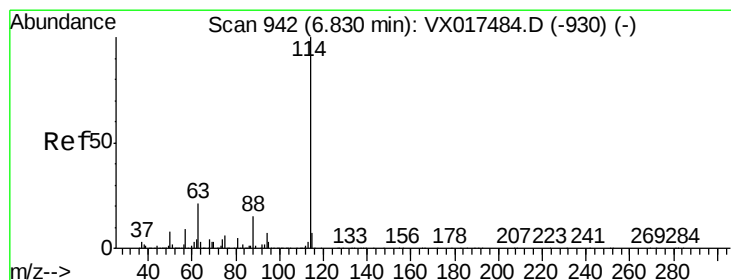
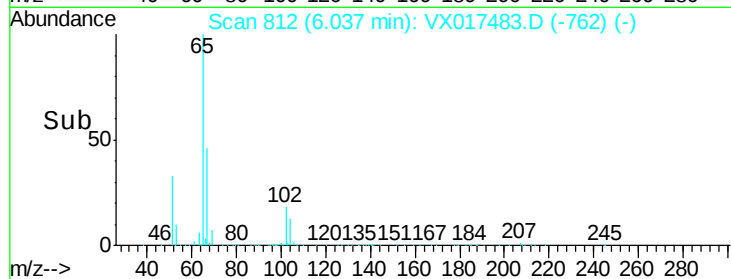
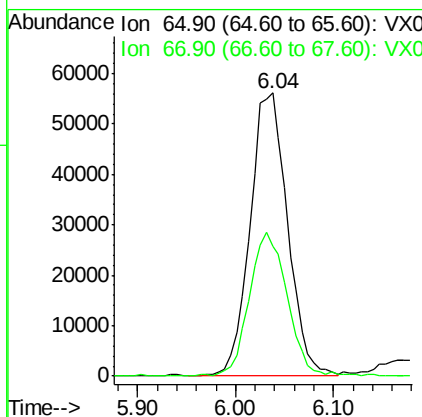
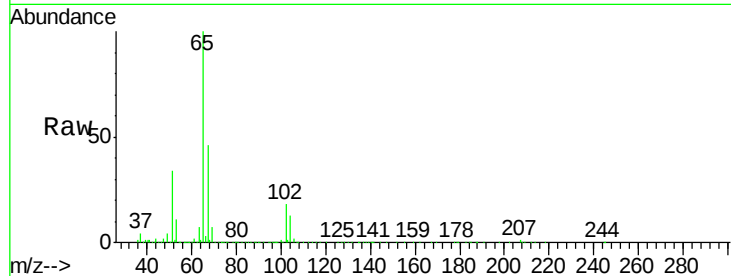
#33
 1,2-Dichloroethane-d4
 Concen: 17.357 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148517		
67	51.7	0.0	101.0	

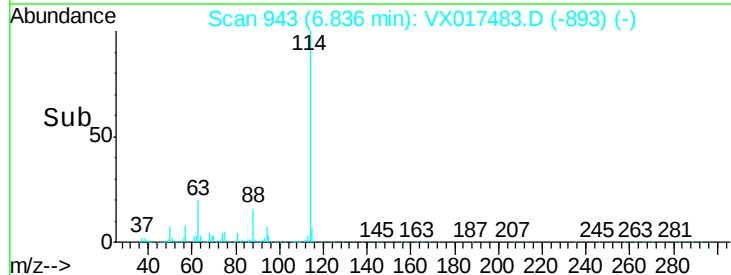
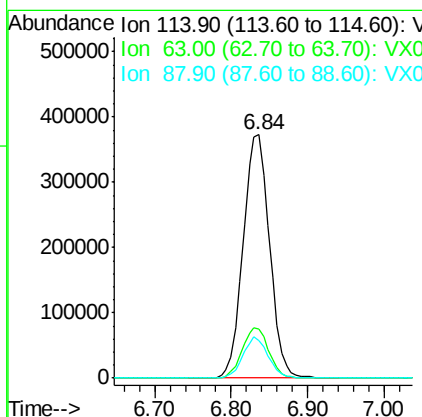
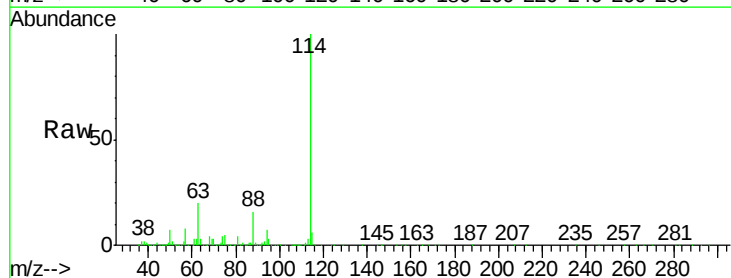
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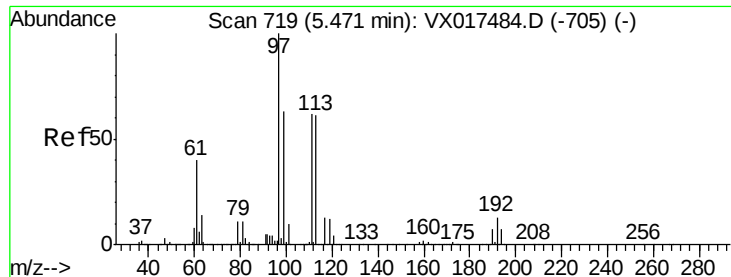
MMDadoda
 7/24/2020 1:00:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	894885		
63	20.3	0.0	41.2	
88	15.6	0.0	30.6	





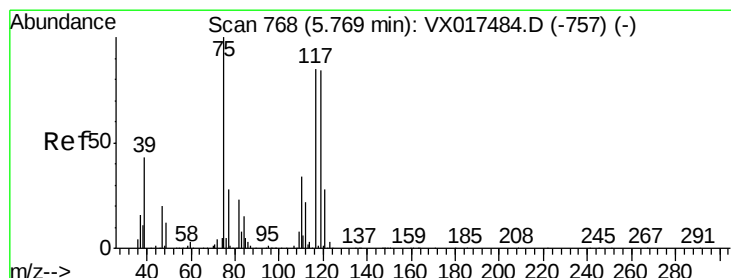
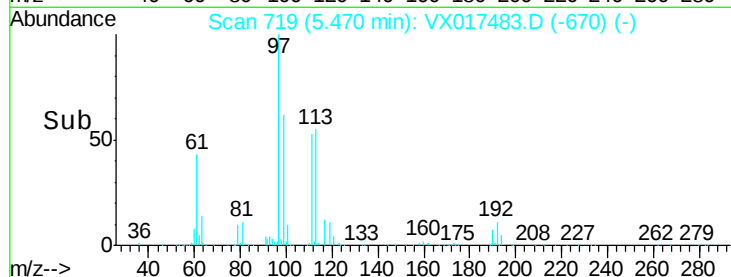
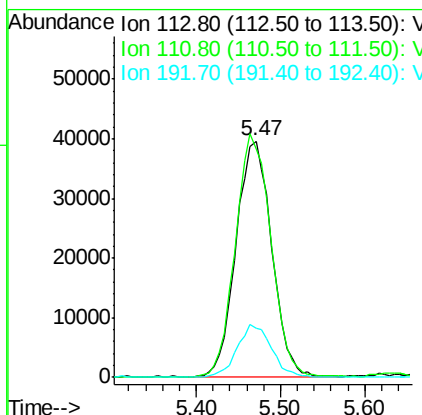
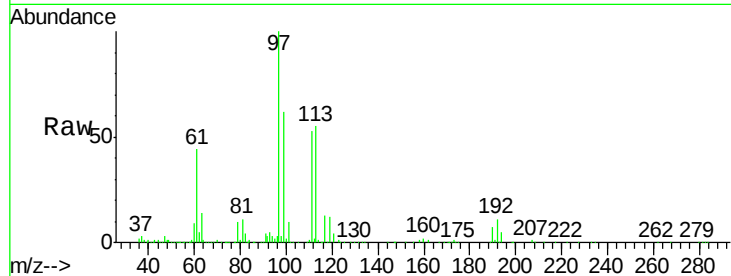
#35
 Dibromofluoromethane
 Concen: 18.802 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	114150		
111	102.9	82.2	123.2	
192	21.3	17.0	25.4	

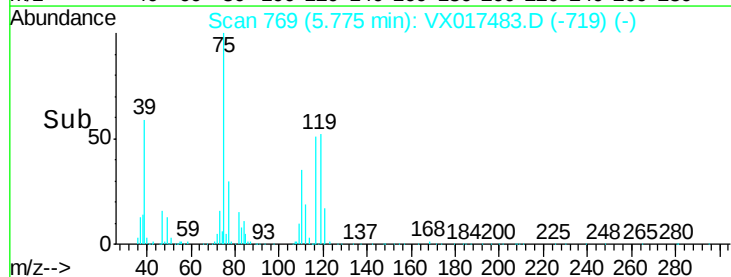
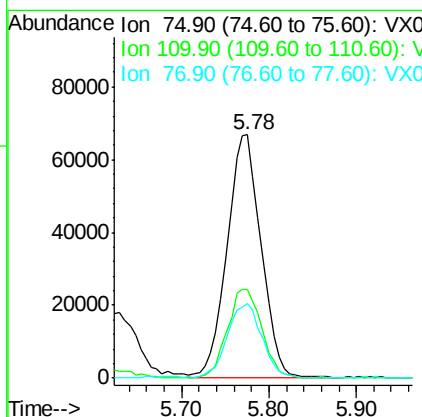
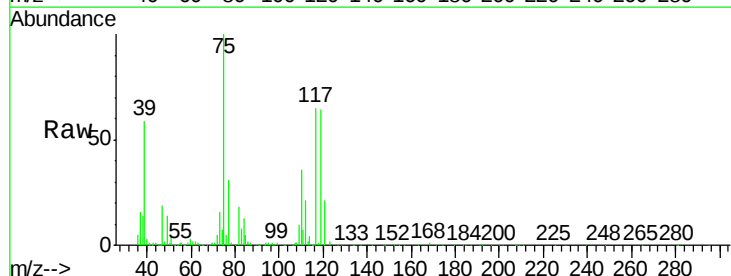
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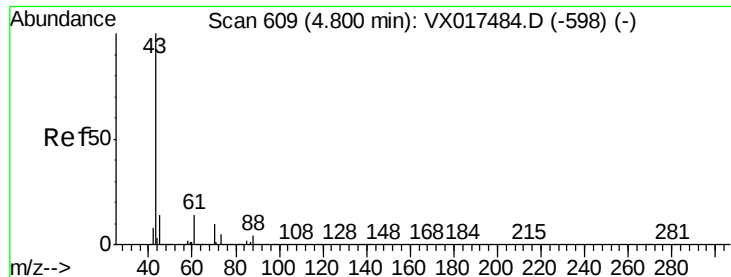
MMDadoda
 7/24/2020 1:00:52 PM



#36
 1,1-Dichloropropene
 Concen: 21.939 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179953		
110	37.1	18.1	54.3	
77	31.1	24.5	36.7	





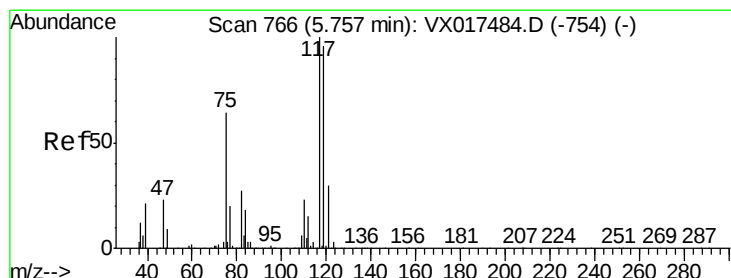
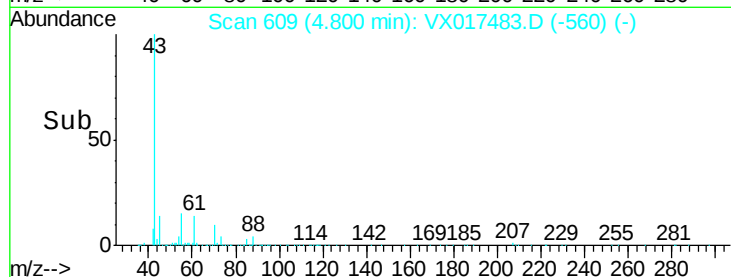
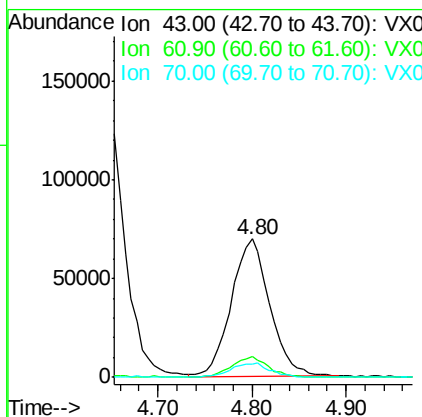
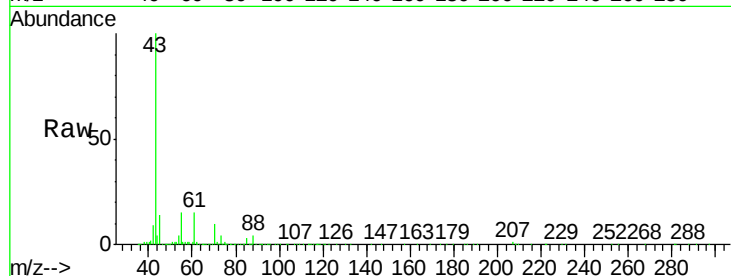
#37
Ethyl Acetate
Concen: 22.703 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	43	Resp:	198846
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	10.8	8.4	12.6

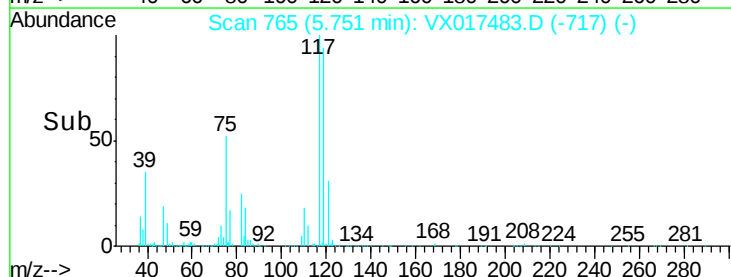
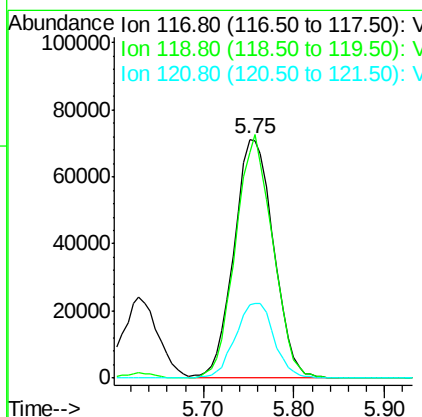
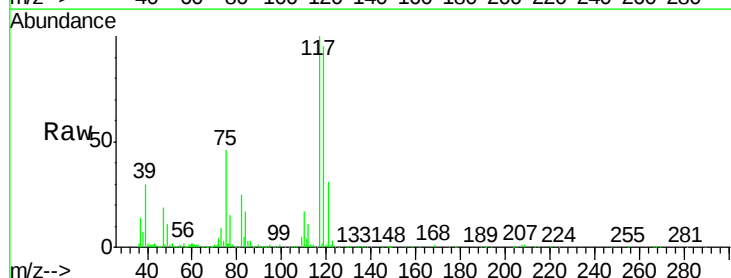
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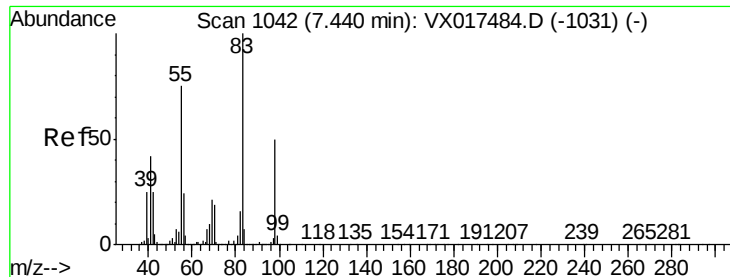
MMDadoda
7/24/2020 1:00:52 PM



#38
Carbon Tetrachloride
Concen: 22.253 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:	117	Resp:	214441
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.7	115.1
121	31.0	24.2	36.2





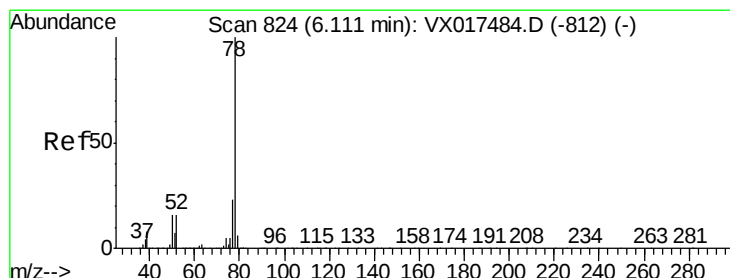
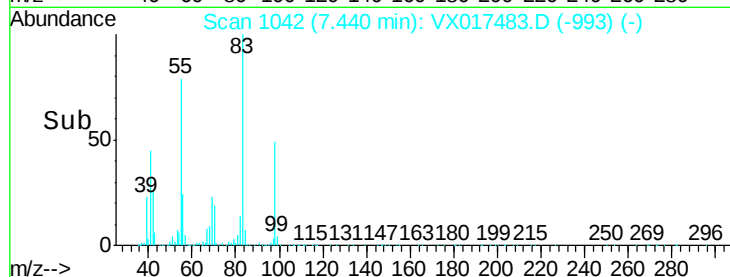
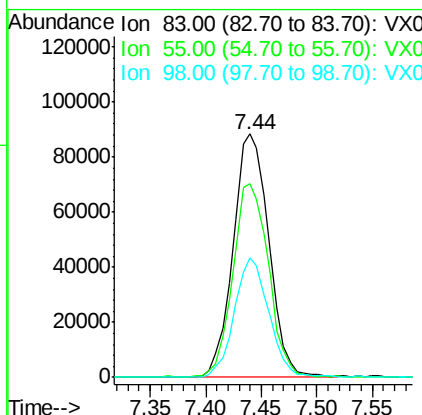
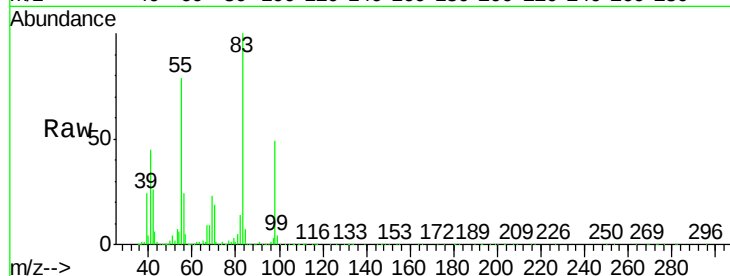
#39
Methvlcvclohexane
Concen: 21.961 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195920		
55	79.3		60.2	90.2
98	49.1		39.8	59.6

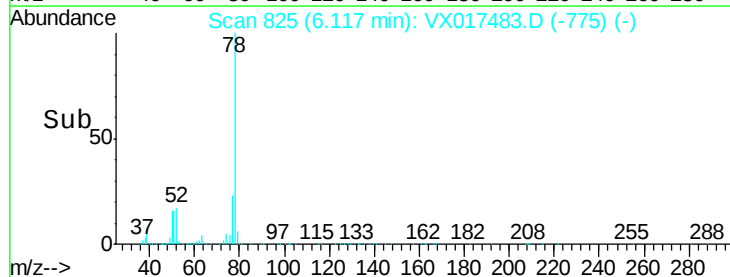
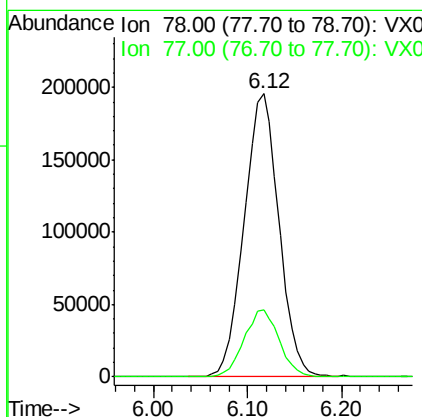
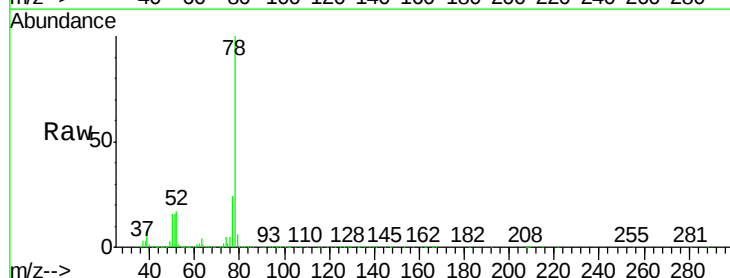
Manual Integrations
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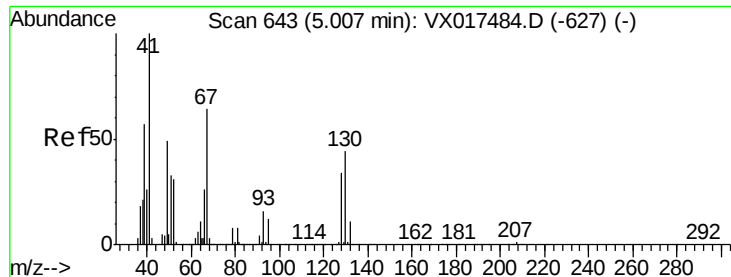
MMDadoda
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#40
Benzene
Concen: 21.467 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	507822		
77	23.7		18.2	27.4





#41

Methacrylonitrile

Concen: 23.680 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 110792

Ion Ratio Lower Upper

41 100

39 54.0 44.0 66.0

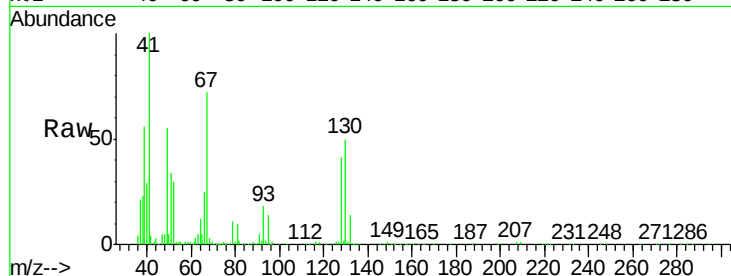
67 69.7 55.0 82.4

52 28.4 22.3 33.5

Manual Integrations
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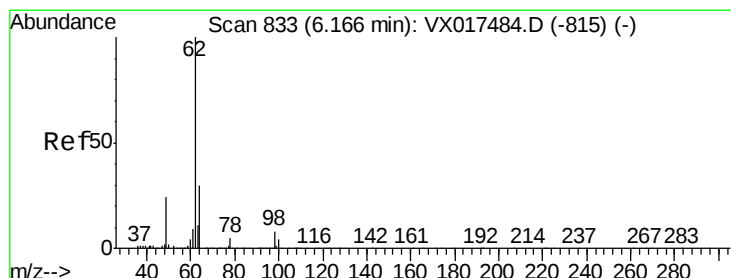
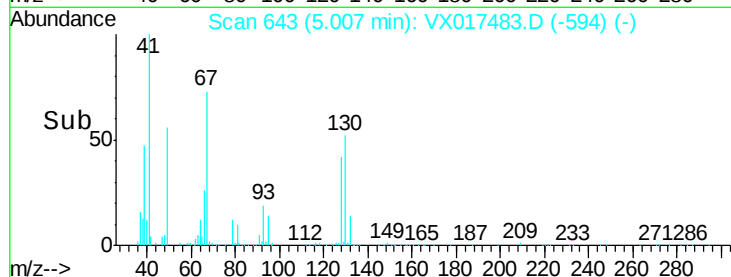
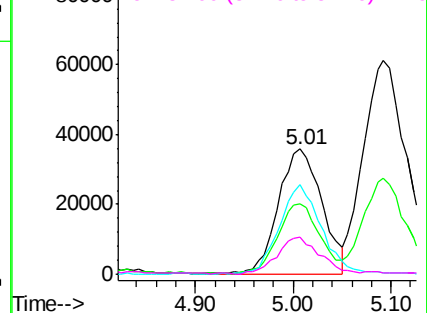


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.008 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017483.D

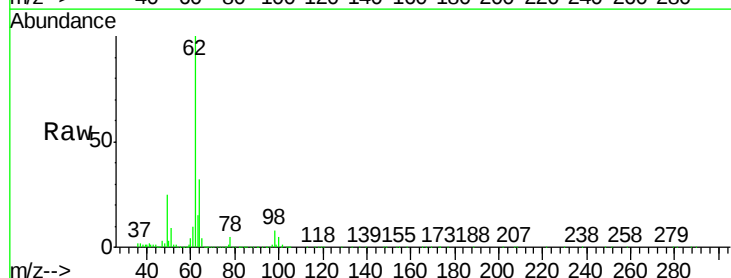
Acq: 23 Jul 2020 10:30

Tgt Ion: 62 Resp: 204625

Ion Ratio Lower Upper

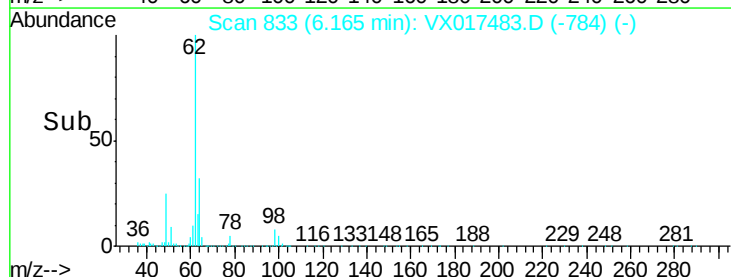
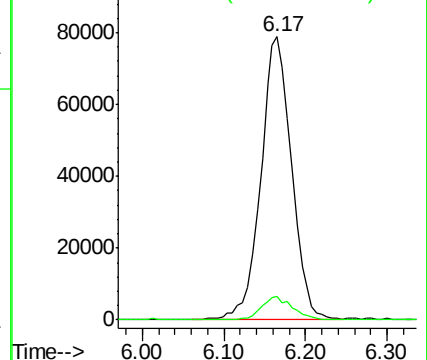
62 100

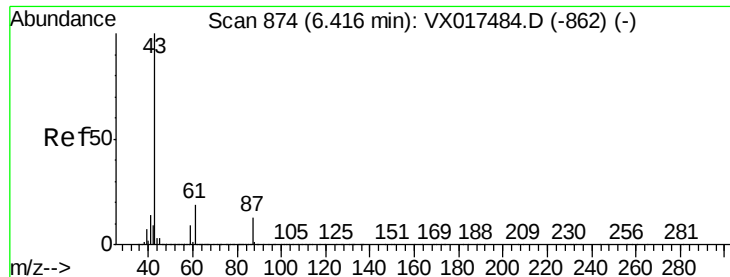
98 8.5 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

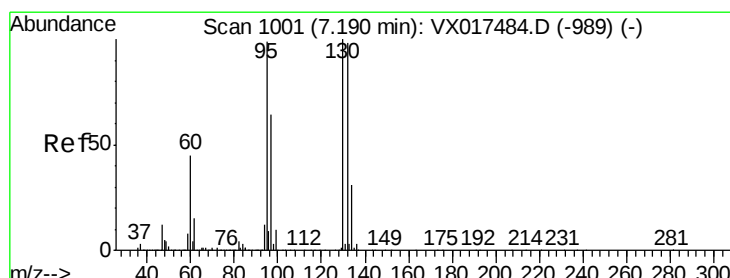
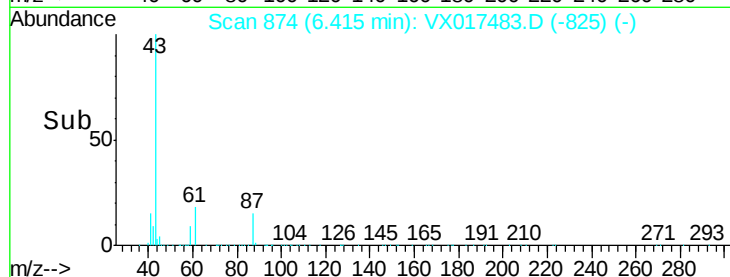
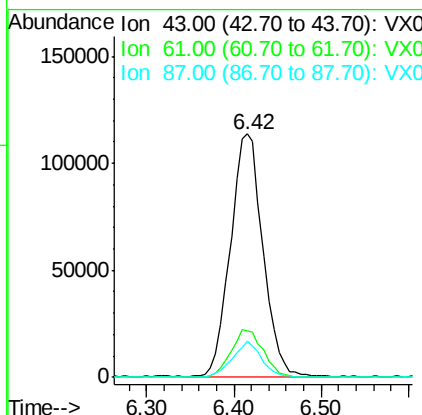
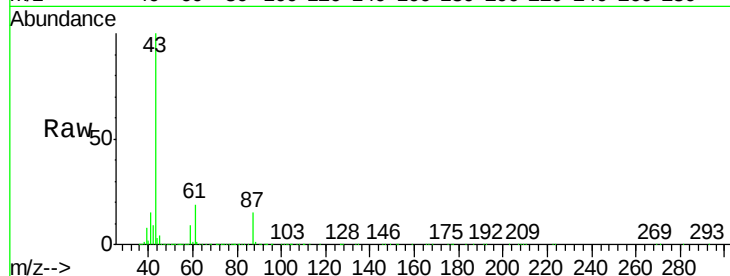
Isopropyl Acetate
 Concen: 20.632 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.6	23.4
87	13.4	10.4	15.6

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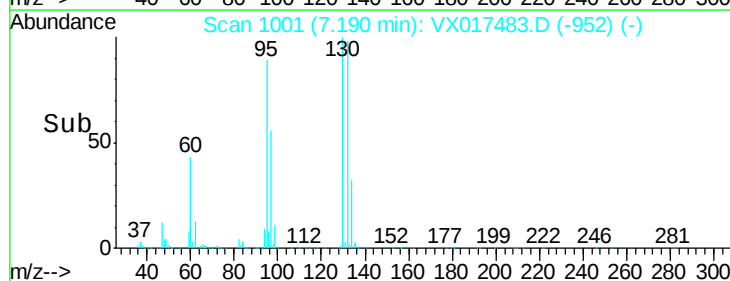
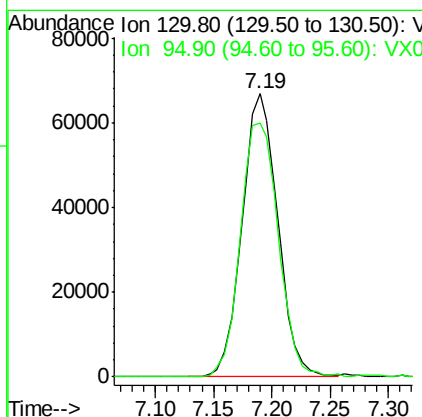
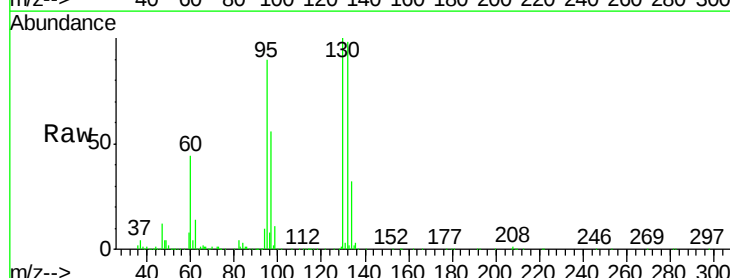
MMDadoda
 7/24/2020 1:00:52 PM

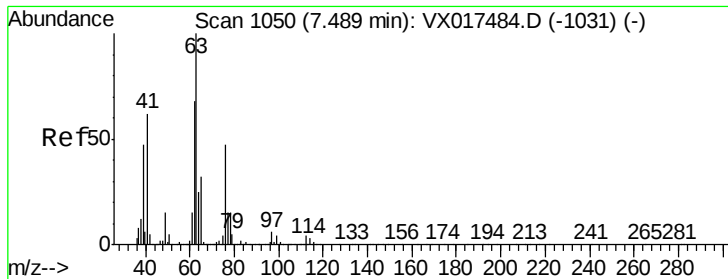


#44

Trichloroethene
 Concen: 20.012 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	198.4





#45

1,2-Dichloropropane

Concen: 21.862 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 132365

Ion Ratio Lower Upper

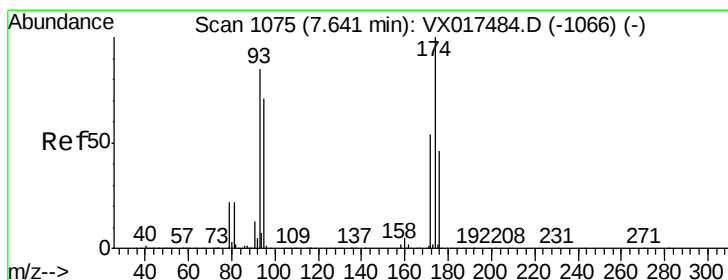
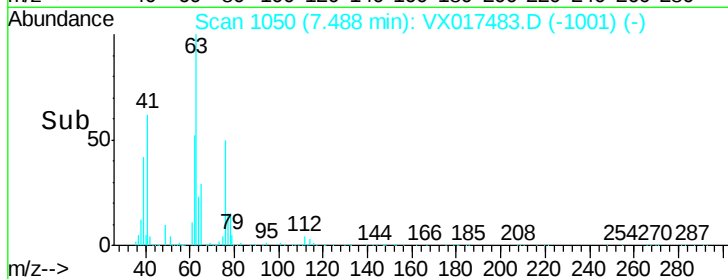
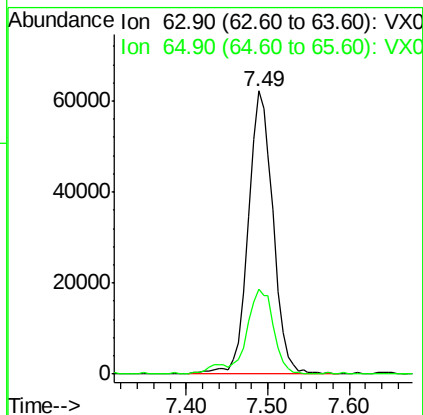
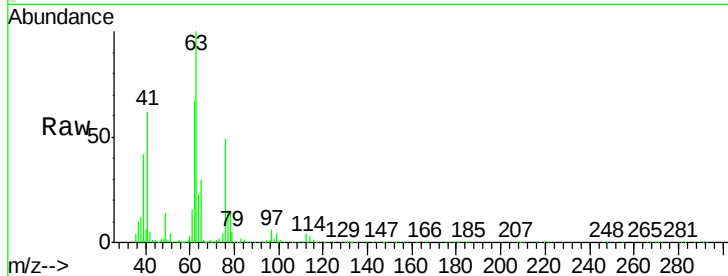
63 100

65 29.8 25.4 38.2

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#46

Dibromomethane

Concen: 21.483 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

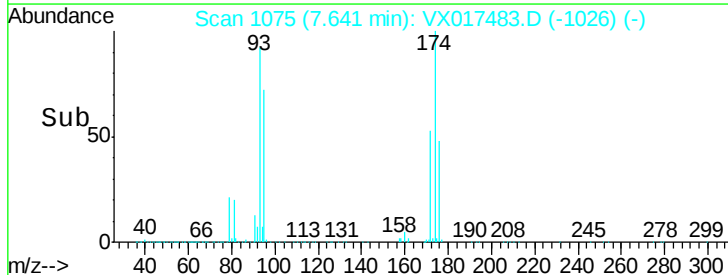
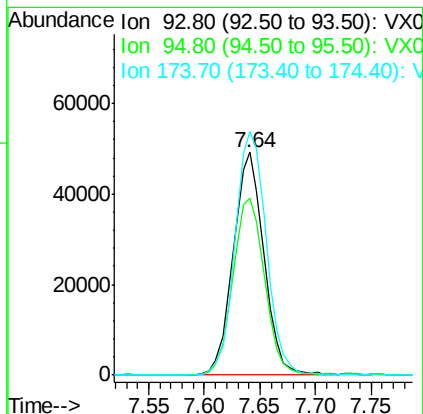
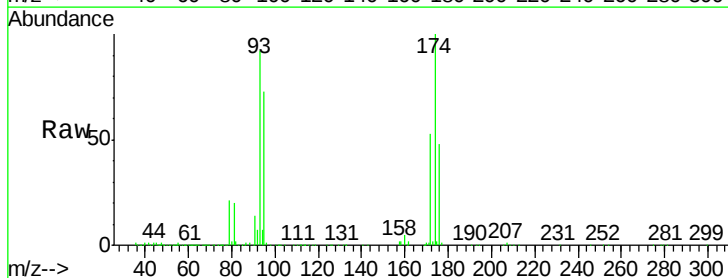
Tgt Ion: 93 Resp: 93648

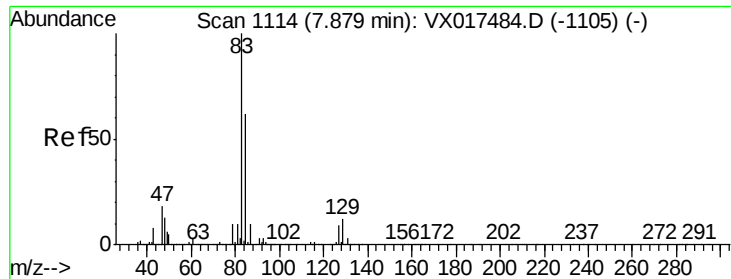
Ion Ratio Lower Upper

93 100

95 82.2 65.7 98.5

174 111.9 91.8 137.8





#47

Bromodichloromethane

Concen: 20.918 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

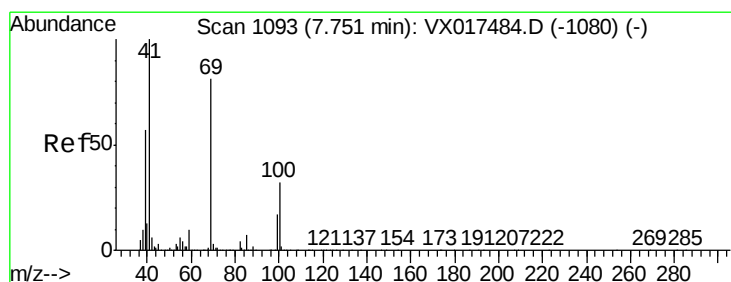
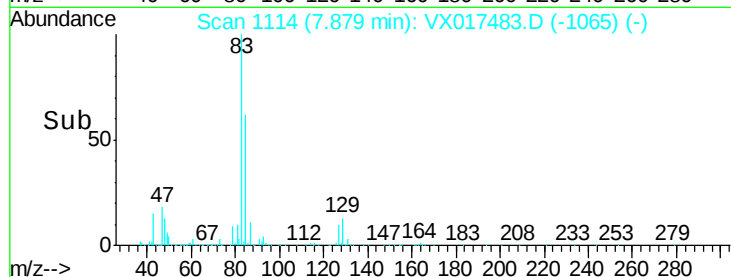
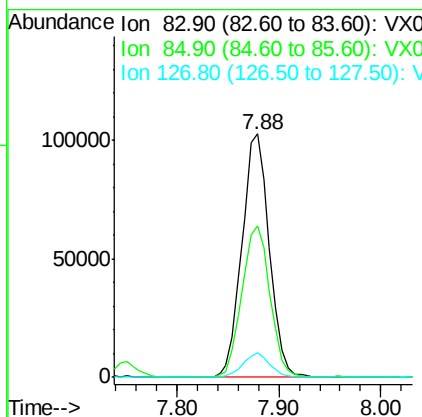
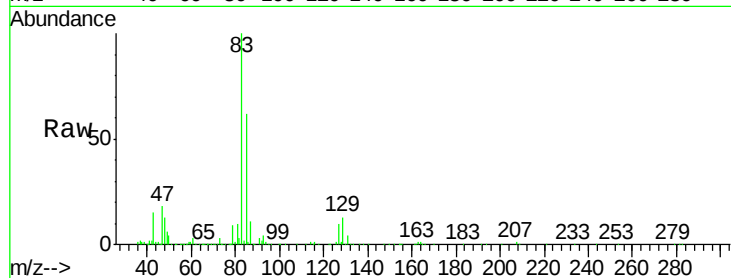
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	190578
Ion Ratio	Lower	Upper	
83	100		
85	61.9	49.6	74.4
127	10.2	7.4	11.2

Manual Integrations
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7/24/2020 1:00:52 PM



#48

Methyl methacrylate

Concen: 22.695 ug/l

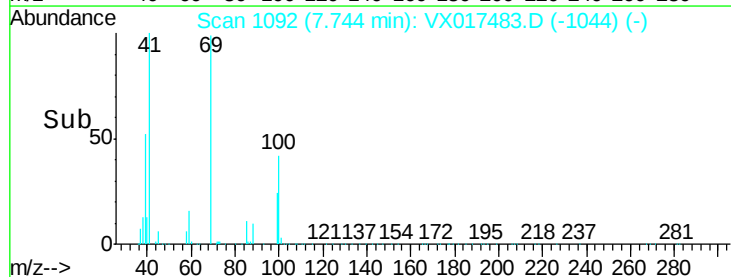
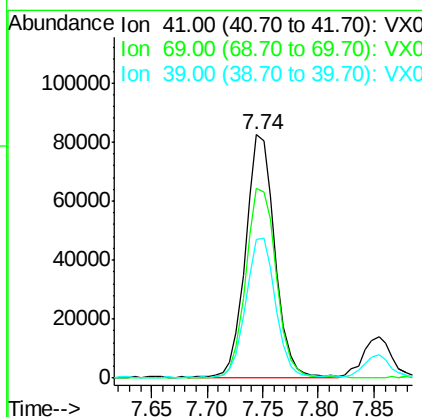
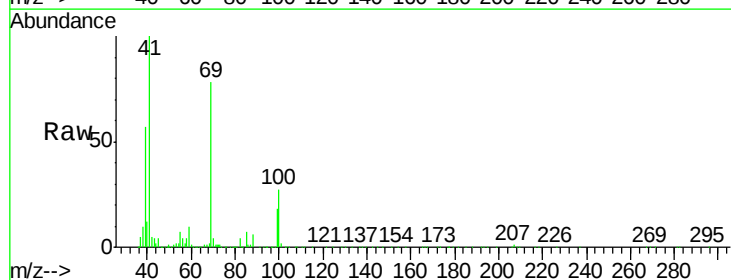
RT: 7.74 min Scan# 1092

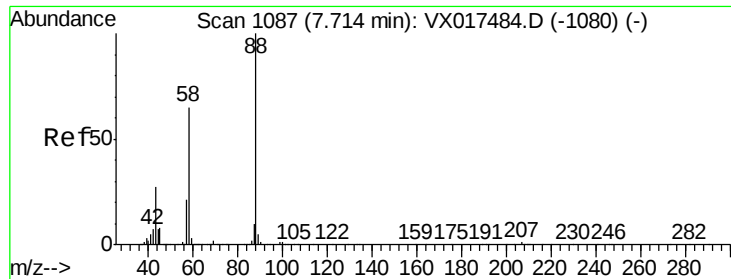
Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	41	Resp:	150191
Ion Ratio	Lower	Upper	
41	100		
69	81.5	64.3	96.5
39	59.5	46.8	70.2





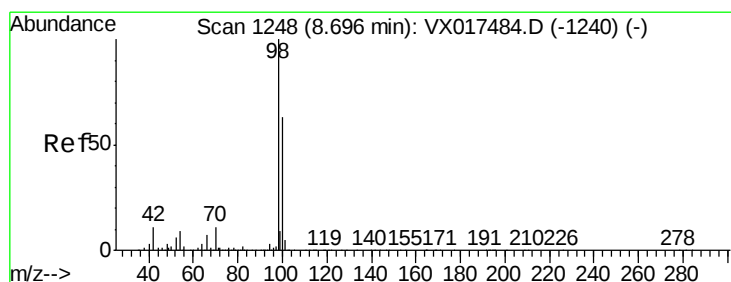
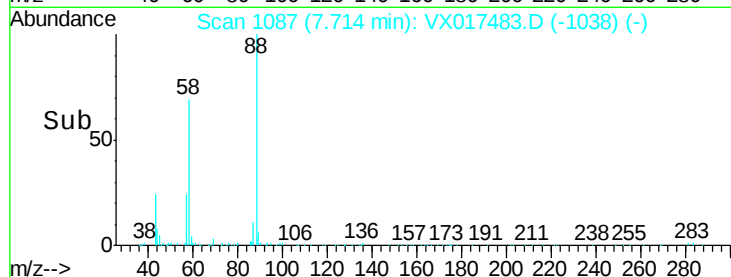
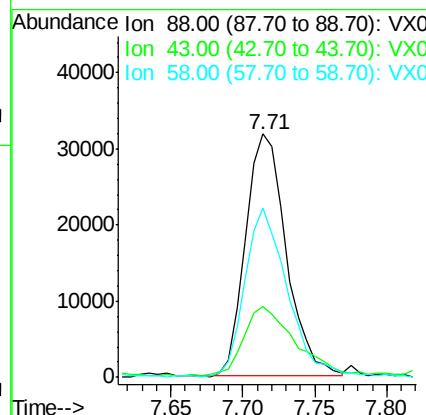
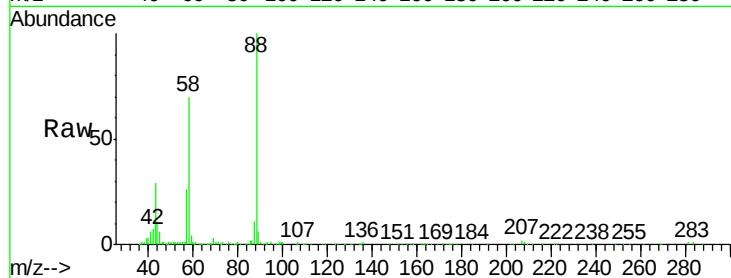
#49
1,4-Dioxane
Concen: 469.006 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.3	40.9
58	72.8	55.5	83.3

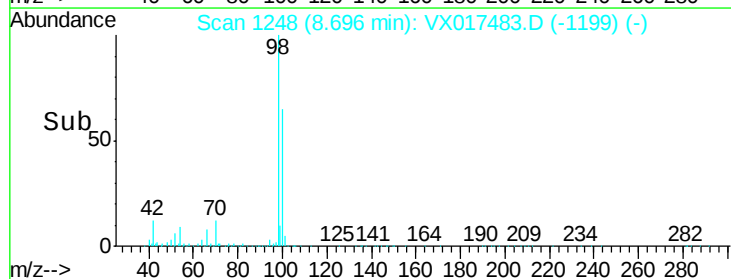
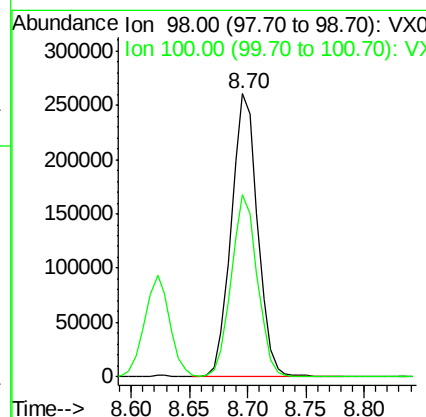
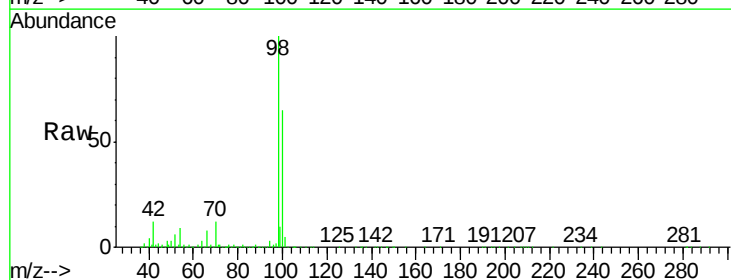
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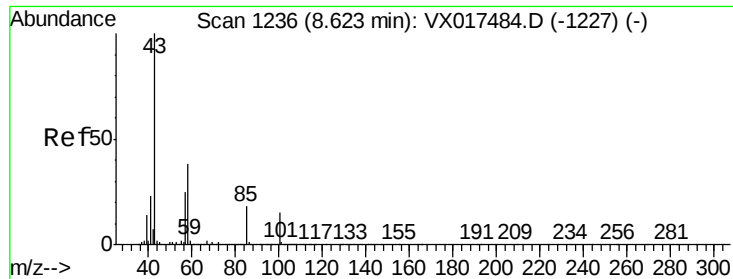
MMDadoda
7/24/2020 1:00:52 PM



#50
Toluene-d8
Concen: 18.762 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 107.768 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 913109

Ion Ratio Lower Upper

43 100

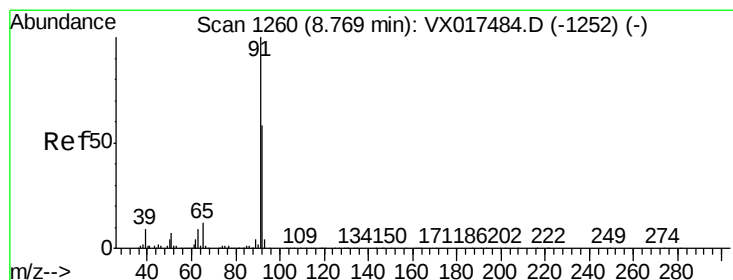
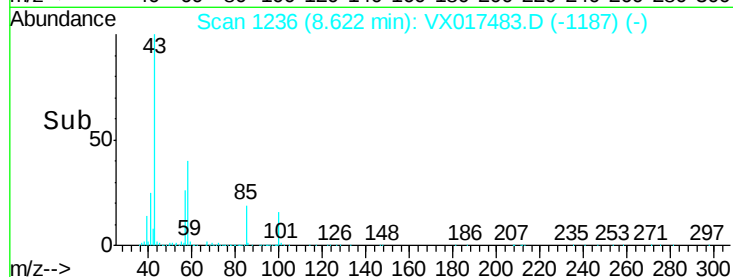
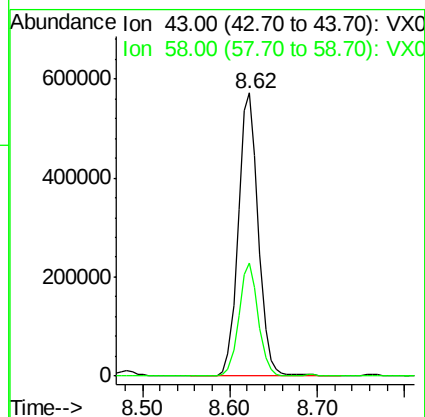
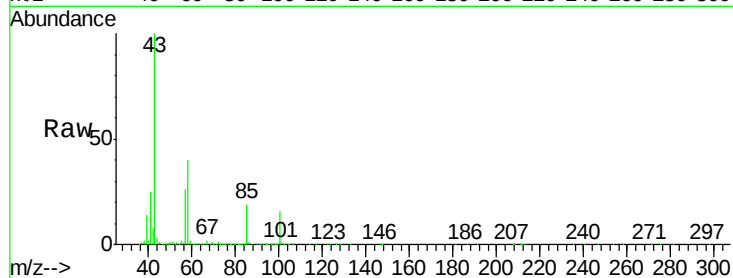
58 38.6 30.6 46.0

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#52

Toluene

Concen: 20.916 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017483.D

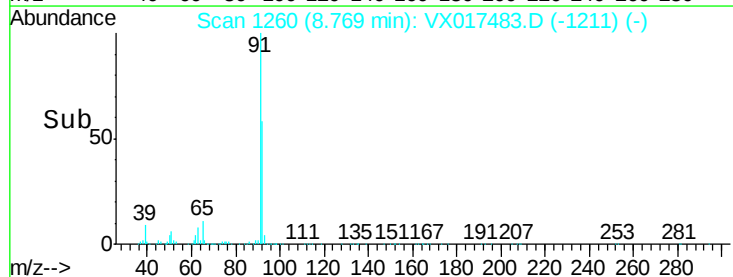
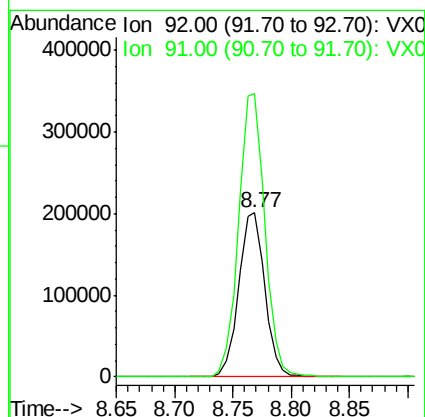
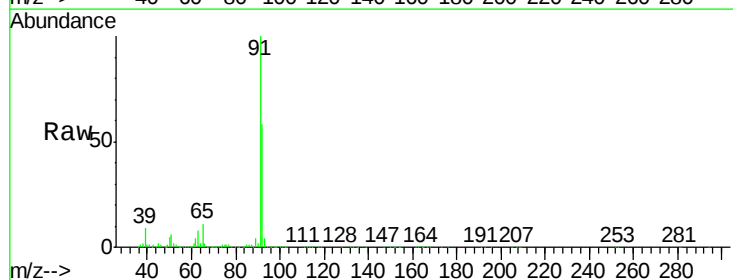
Acq: 23 Jul 2020 10:30

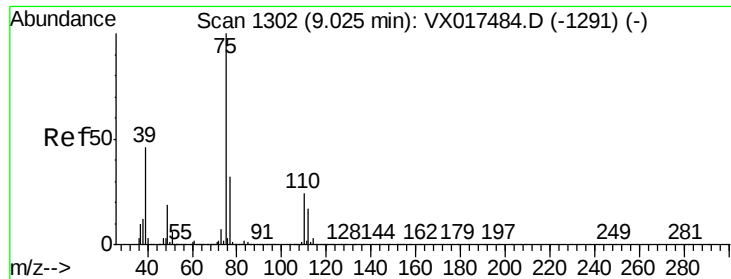
Tgt Ion: 92 Resp: 315300

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7





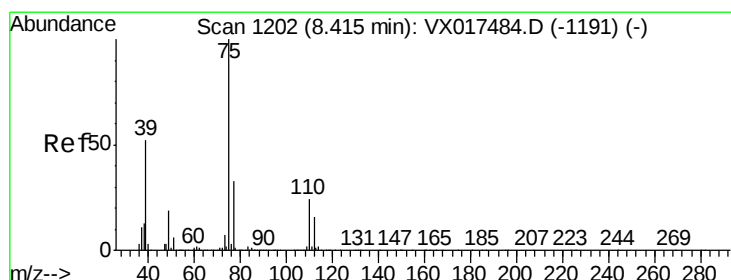
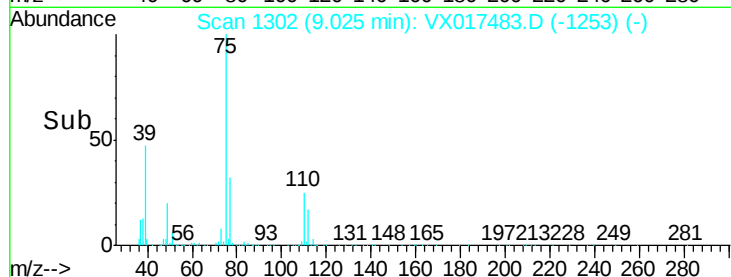
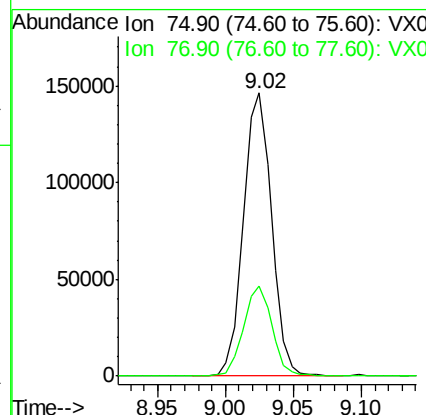
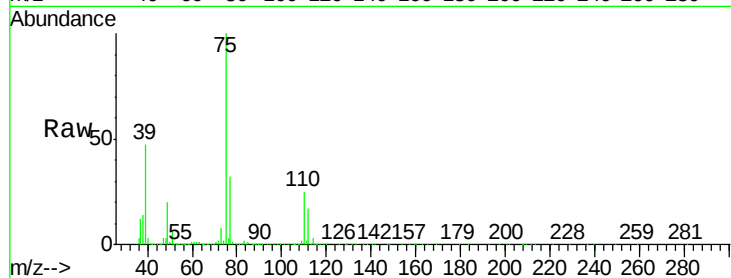
#53
t-1,3-Dichloropropene
Concen: 21.323 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 212577
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

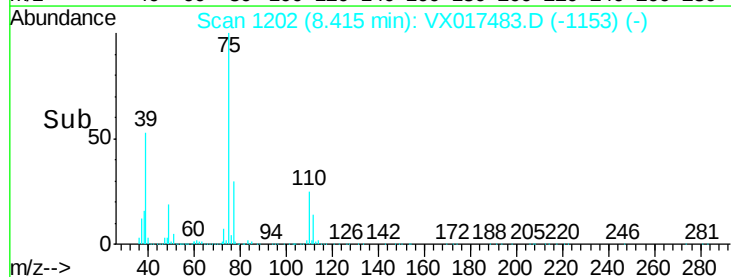
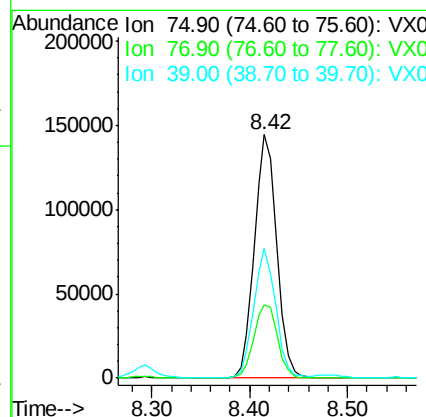
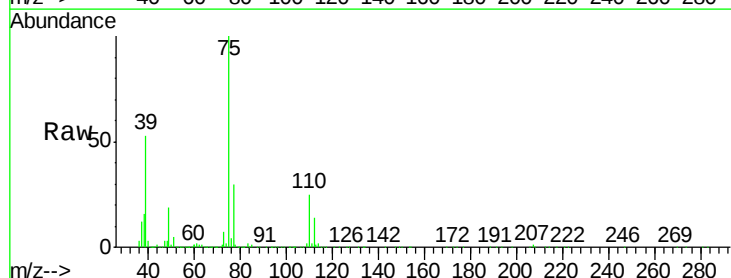
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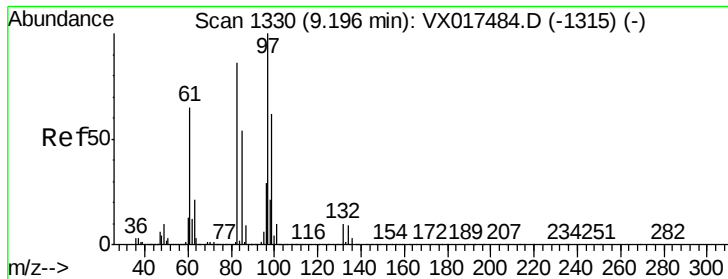
MMDadoda
7/24/2020 1:00:52 PM



#54
cis-1,3-Dichloropropene
Concen: 21.876 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 75 Resp: 229233
Ion Ratio Lower Upper
75 100
77 30.1 26.6 39.8
39 53.2 41.1 61.7





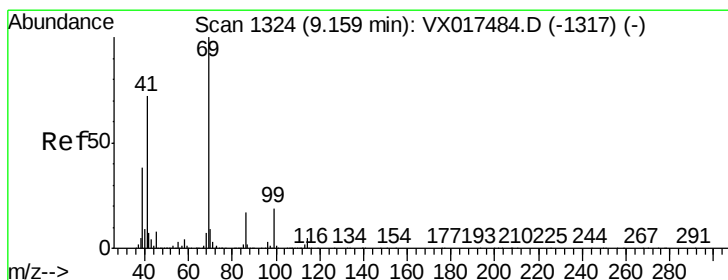
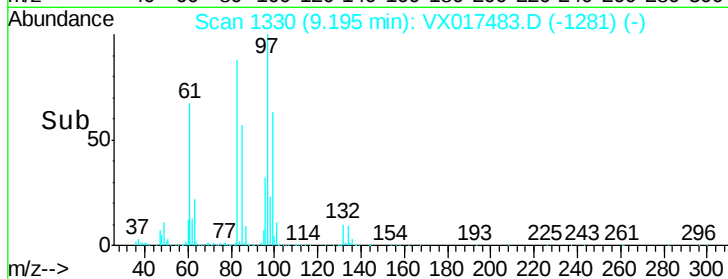
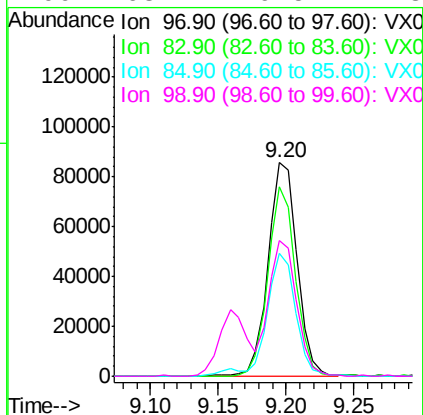
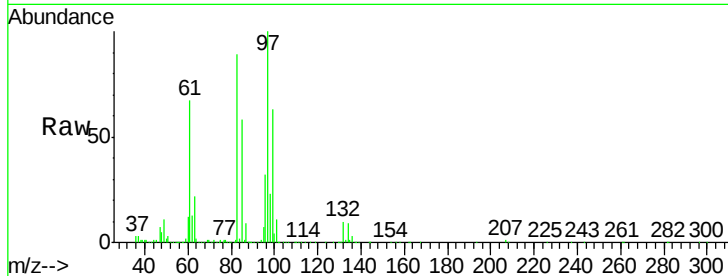
#55
 1,1,2-Trichloroethane
 Concen: 20.207 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128420		
83	88.4	68.9	103.3		
85	57.4	43.6	65.4		
99	63.2	49.5	74.3		

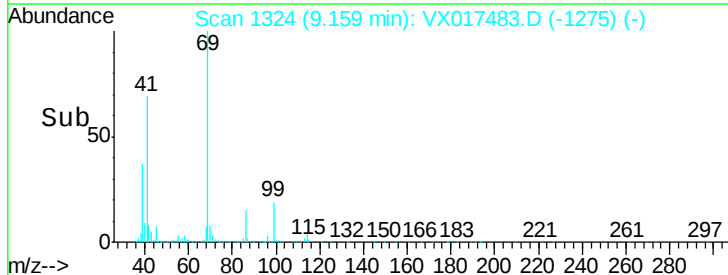
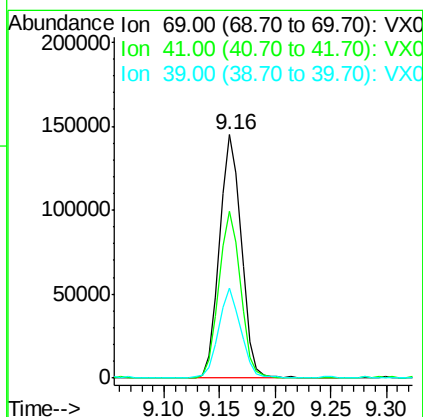
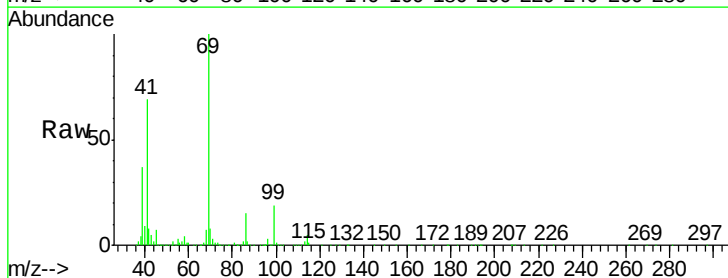
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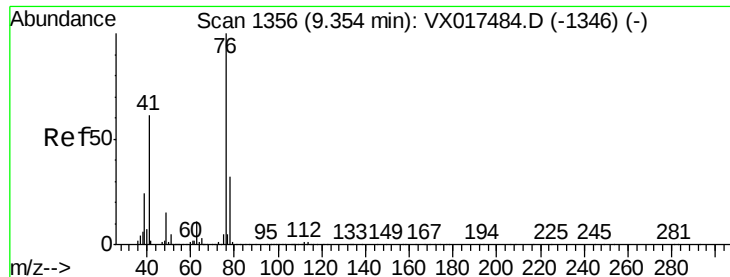
MMDadoda
 7/24/2020 1:00:52 PM



#56
 Ethyl methacrylate
 Concen: 21.686 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		198082		
41	67.9	55.5	83.3		
39	36.7	30.4	45.6		





#57

1,3-Dichloropropane

Concen: 20.101 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 212800

Ion Ratio Lower Upper

76 100

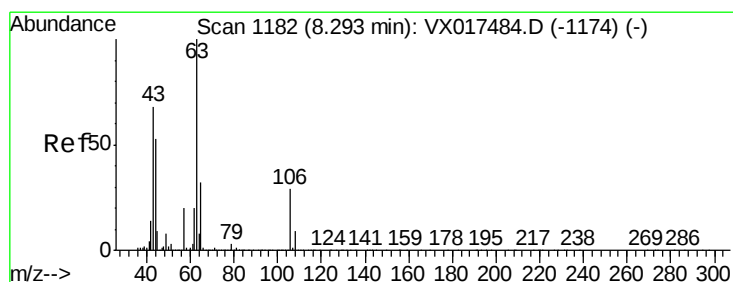
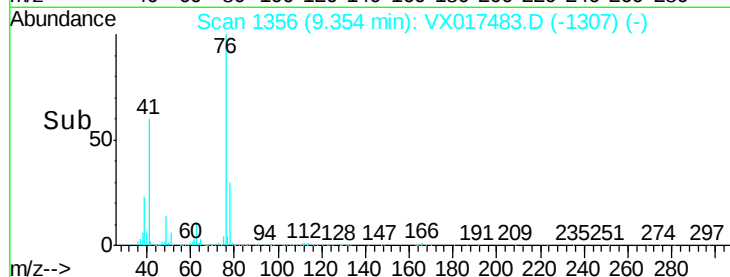
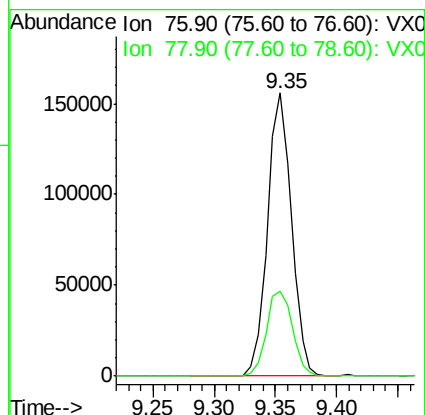
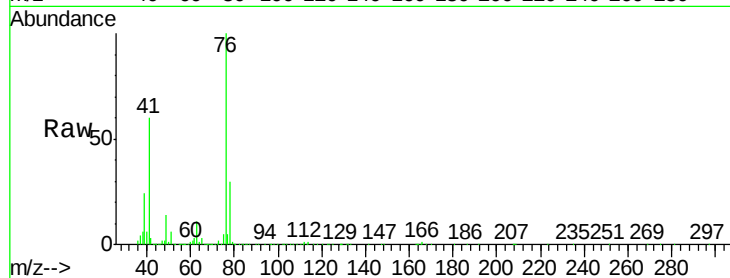
78 32.6 25.7 38.5

Manual Integrations

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7/24/2020 1:00:52 PM



#58

2-Chloroethyl Vinyl ether

Concen: 112.772 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017483.D

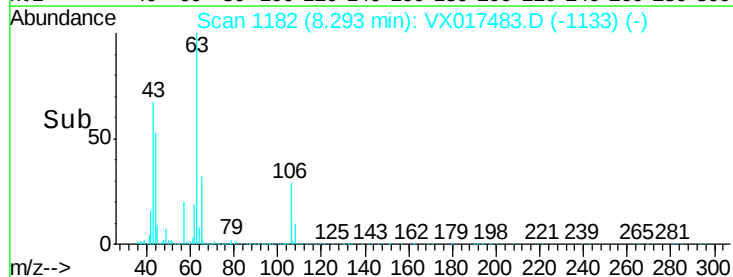
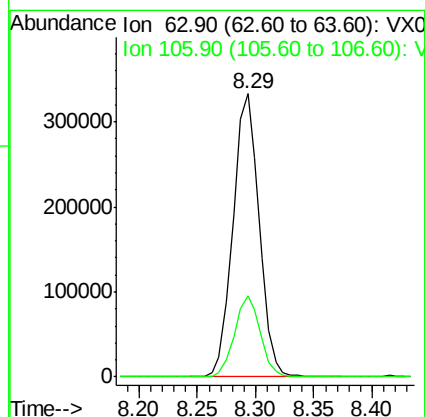
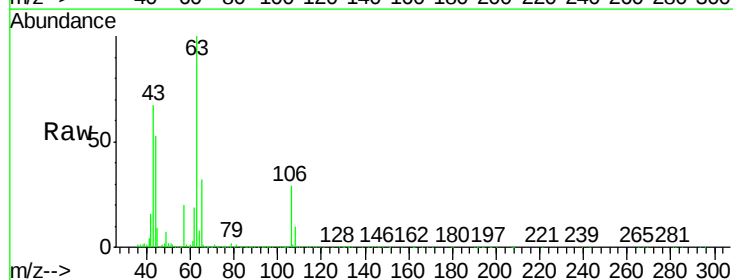
Acq: 23 Jul 2020 10:30

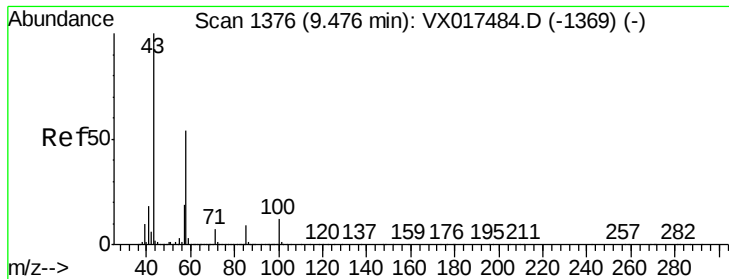
Tgt Ion: 63 Resp: 522160

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2





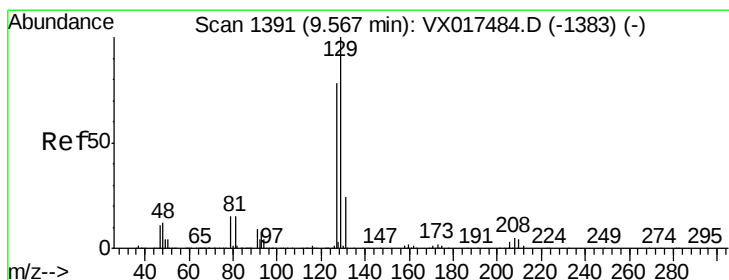
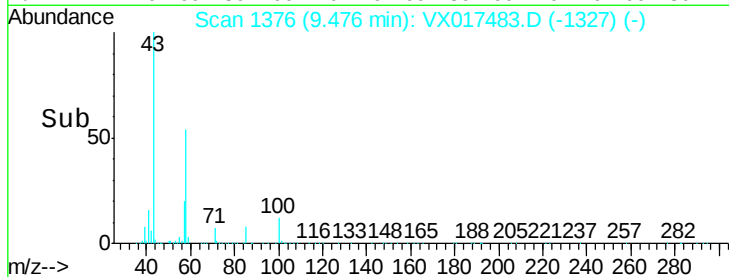
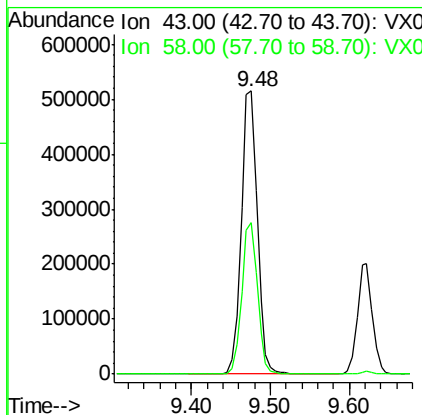
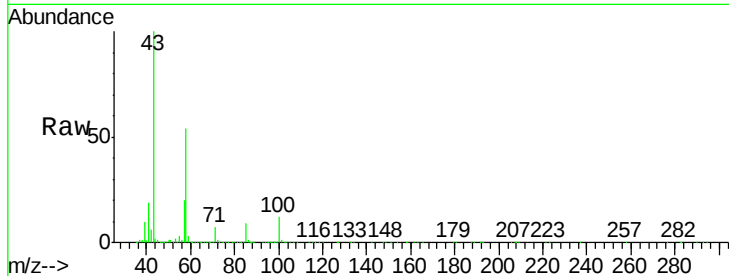
#59
2-Hexanone
Concen: 113.467 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 729102
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8

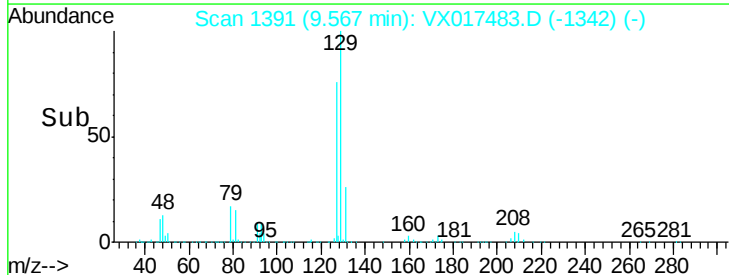
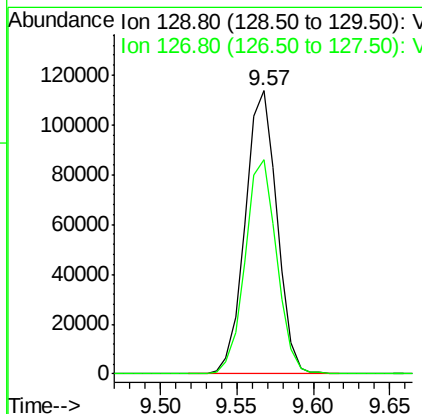
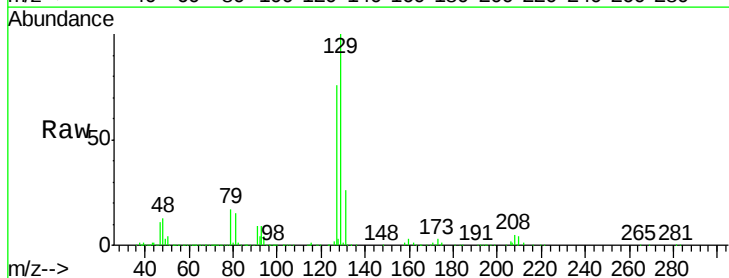
Manual Integrations
APPROVED

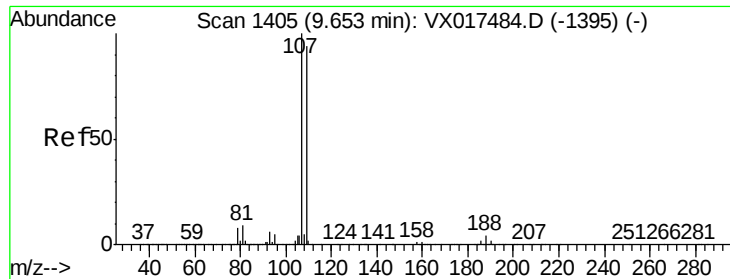
MMDadoda
7/24/2020 1:00:52 PM



#60
Dibromochloromethane
Concen: 21.035 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion:129 Resp: 164222
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.089 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 139185

Ion Ratio Lower Upper

107 100

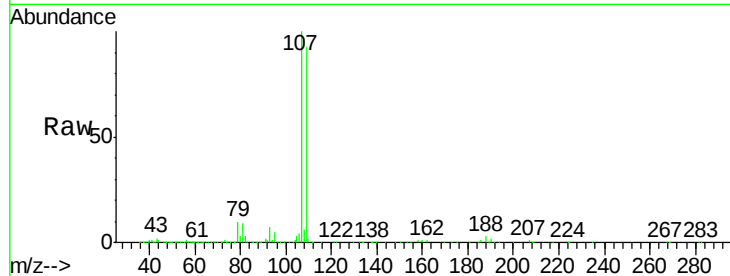
109 95.0 75.0 112.6

Manual Integrations

APPROVED

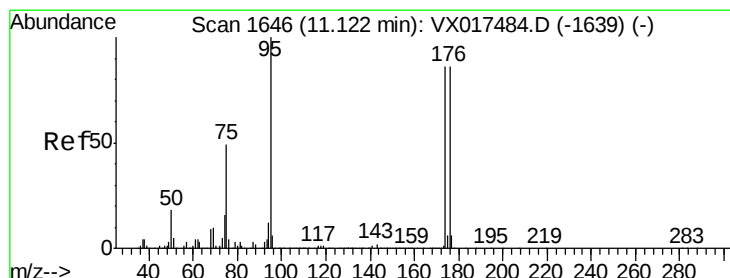
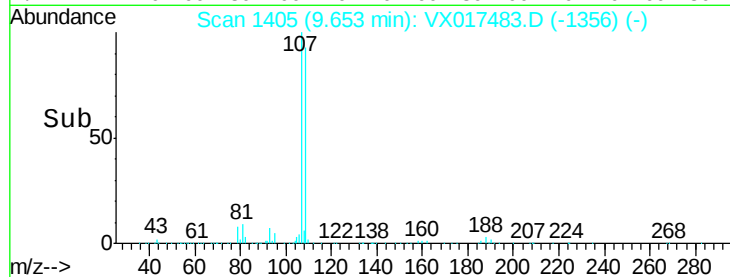
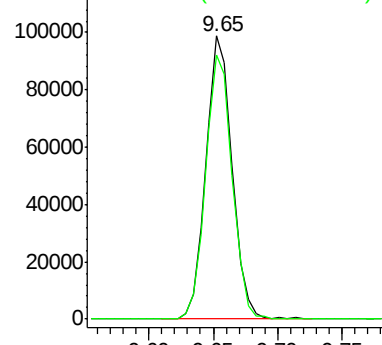
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.793 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

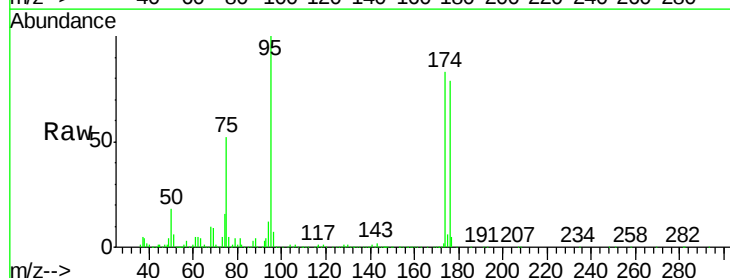
Tgt Ion: 95 Resp: 160836

Ion Ratio Lower Upper

95 100

174 83.7 0.0 169.2

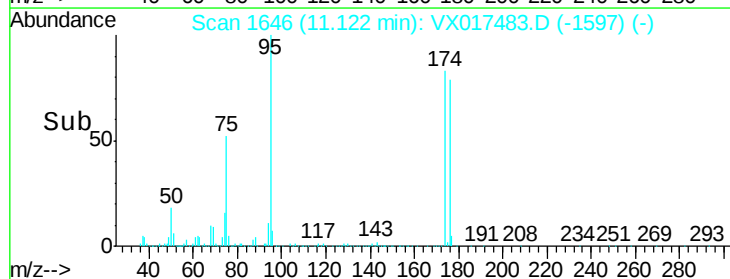
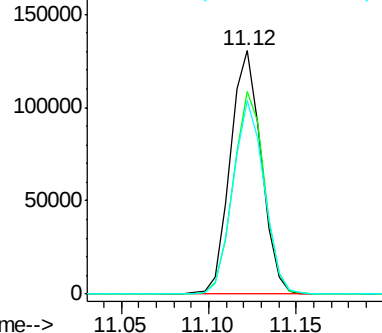
176 80.4 0.0 167.2

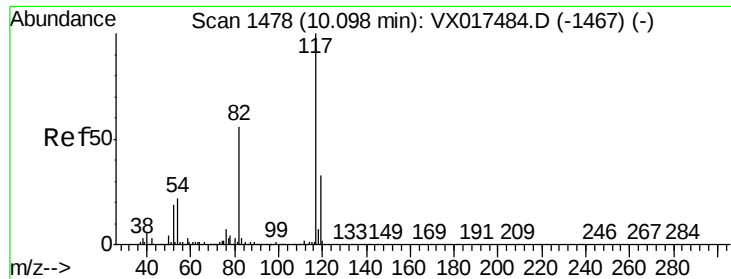


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





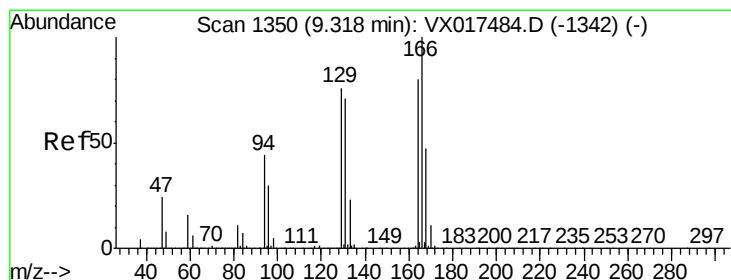
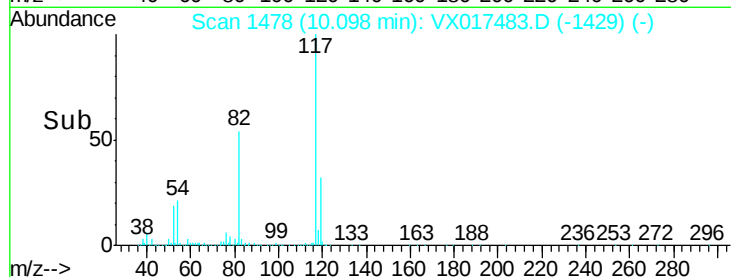
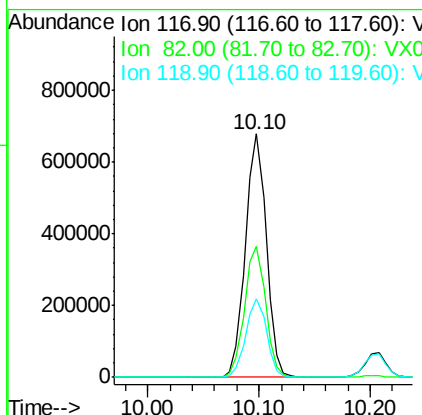
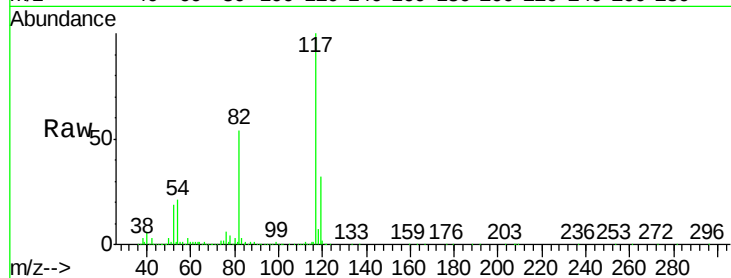
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.6	66.8
119	32.3	26.6	39.8

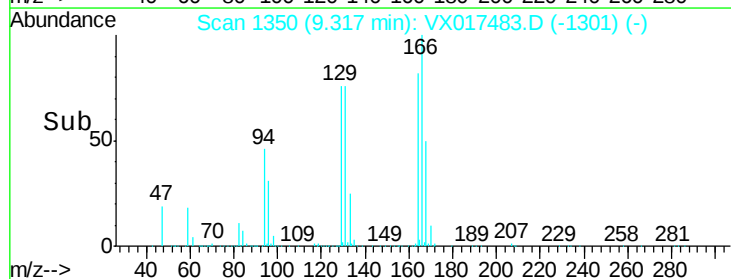
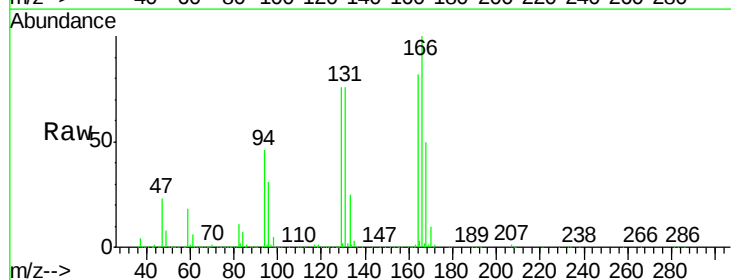
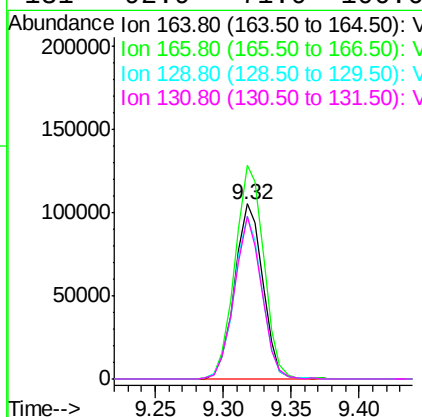
Manual Integrations
APPROVED

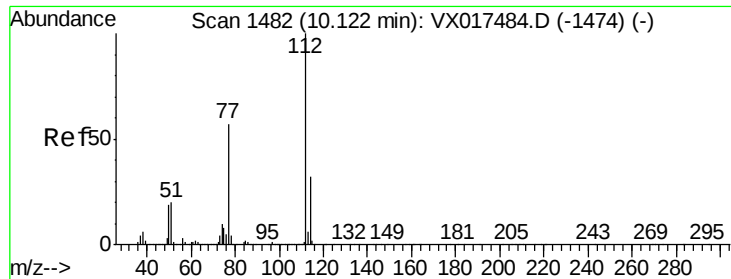
MMDadoda
7/24/2020 1:00:52 PM



#64
Tetrachloroethene
Concen: 19.790 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	100.2	150.4
129	93.0	75.8	113.6
131	92.9	71.0	106.6





#65

Chlorobenzene

Concen: 19.592 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 356208

Ion Ratio Lower Upper

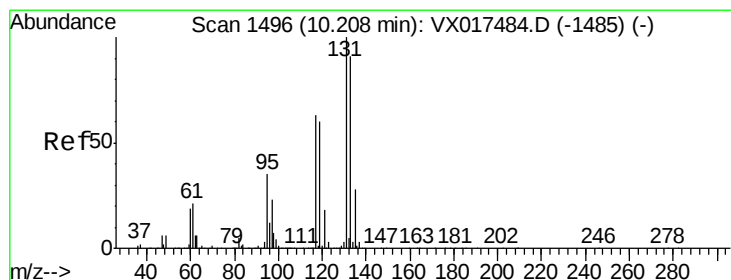
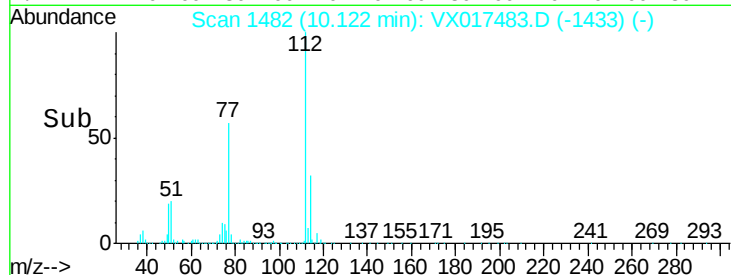
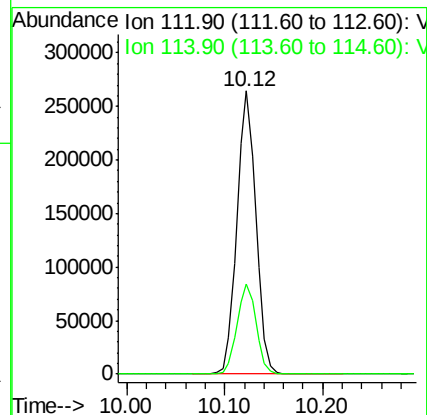
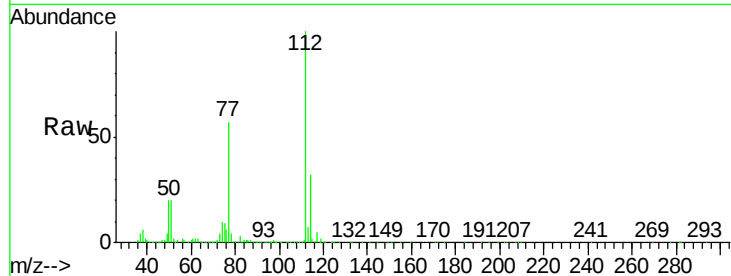
112 100

114 31.8 25.8 38.8

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.807 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

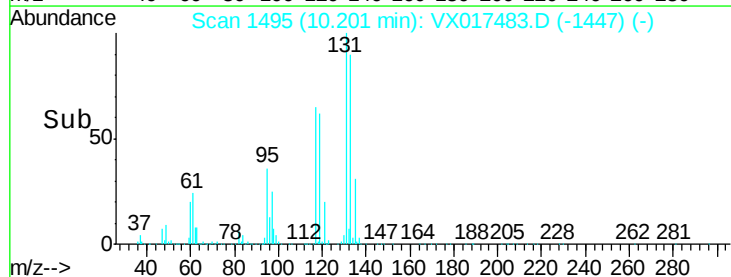
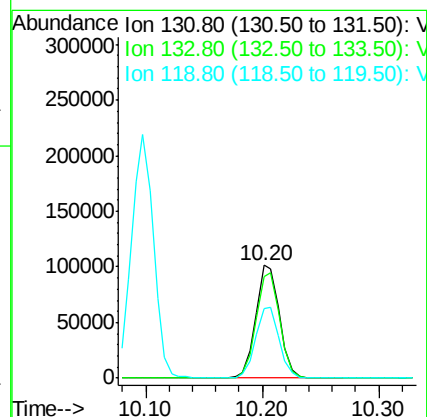
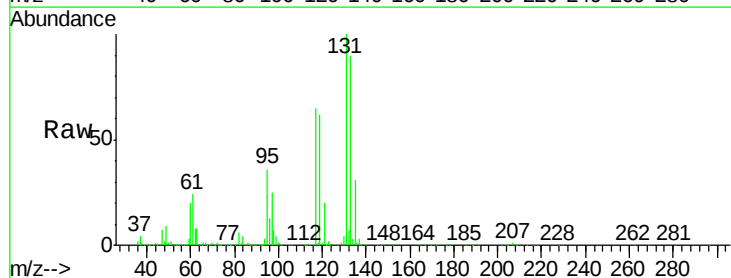
Tgt Ion:131 Resp: 143284

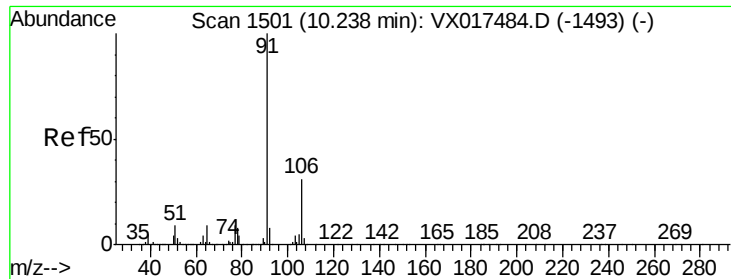
Ion Ratio Lower Upper

131 100

133 93.3 46.9 140.7

119 63.1 30.9 92.8





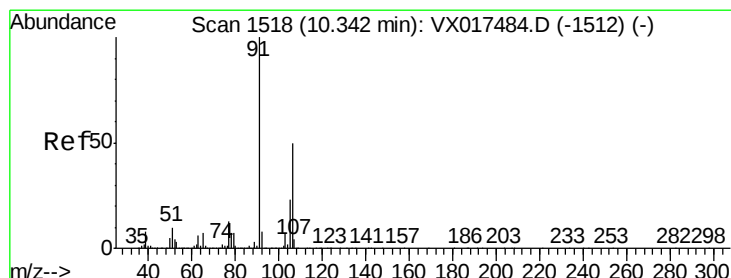
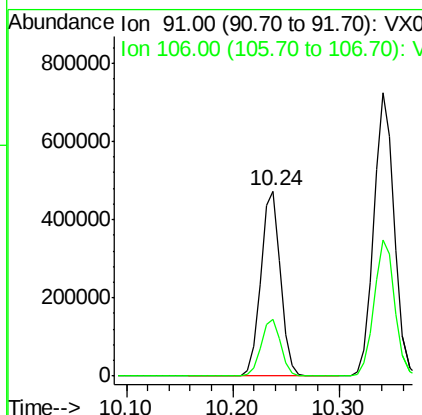
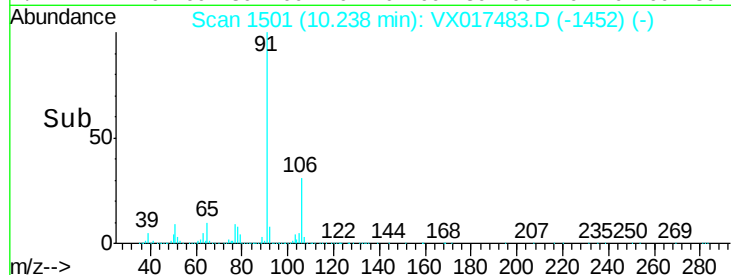
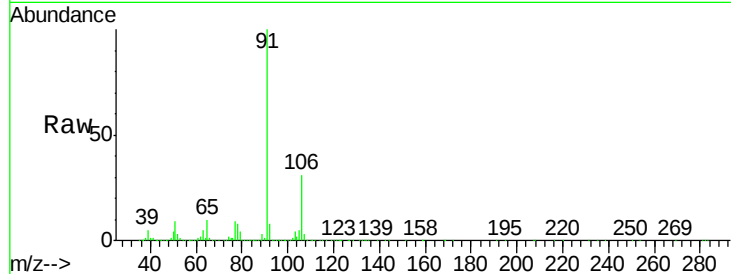
#67
Ethyl Benzene
Concen: 20.356 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 613386
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7

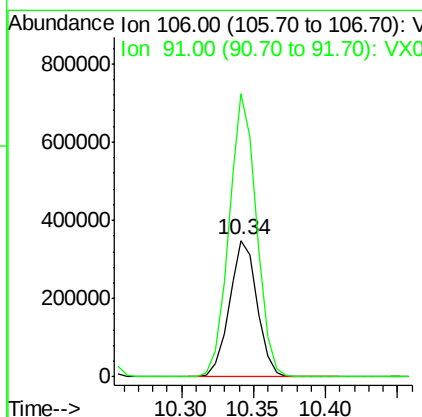
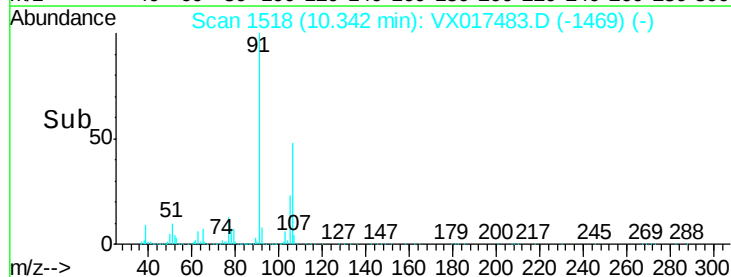
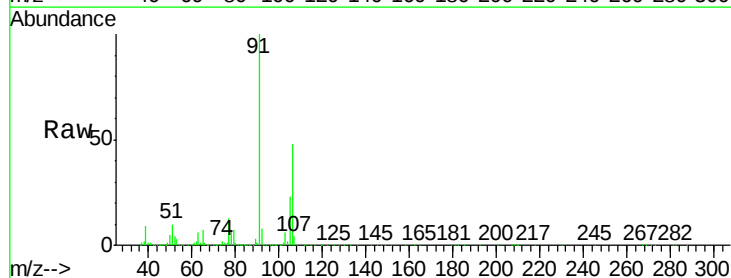
Manual Integrations
APPROVED

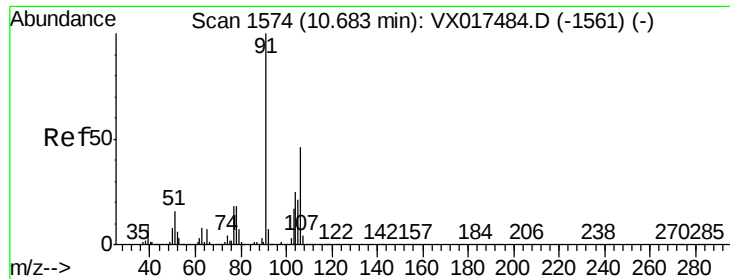
MMDadoda
7/24/2020 1:00:52 PM



#68
m/p-Xylenes
Concen: 40.706 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion: 106 Resp: 468583
Ion Ratio Lower Upper
106 100
91 205.9 163.4 245.2





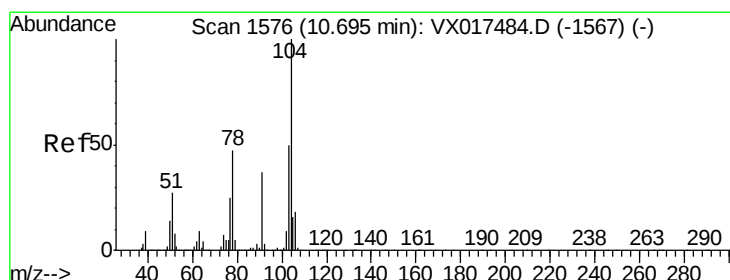
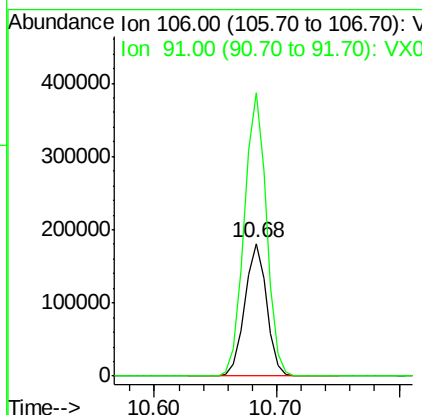
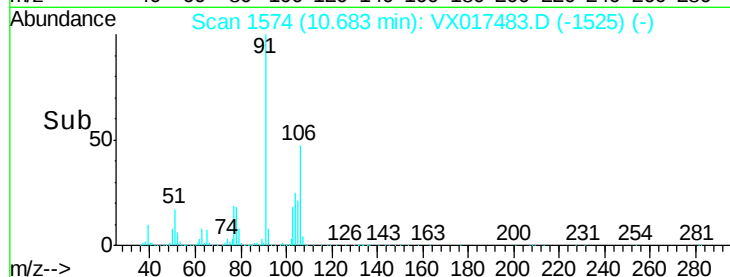
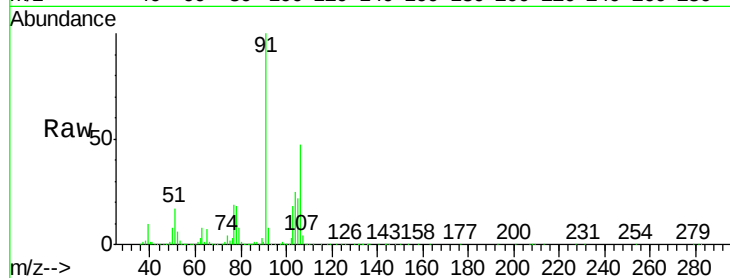
#69
o-Xylene
Concen: 20.347 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.7	107.6	322.8

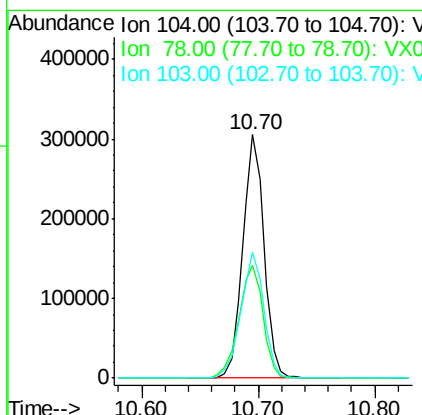
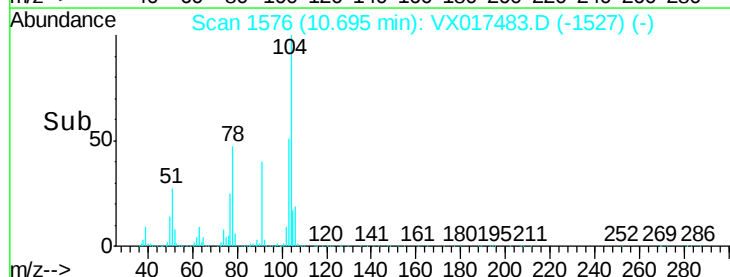
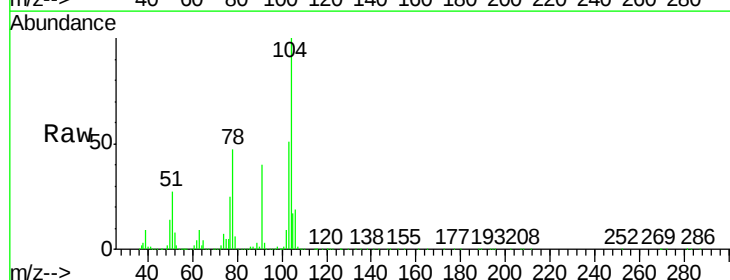
Manual Integrations
APPROVED

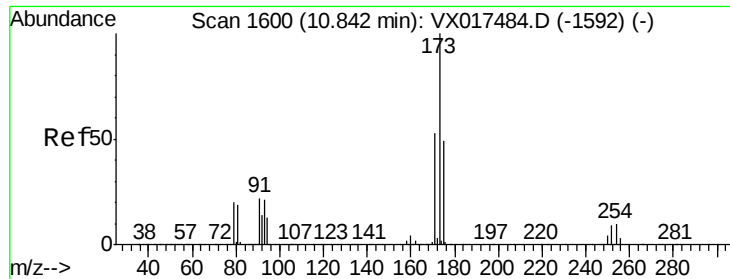
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#70
Styrene
Concen: 20.648 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.4	62.2
103	55.8	43.5	65.3





#71

Bromoform

Concen: 20.274 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

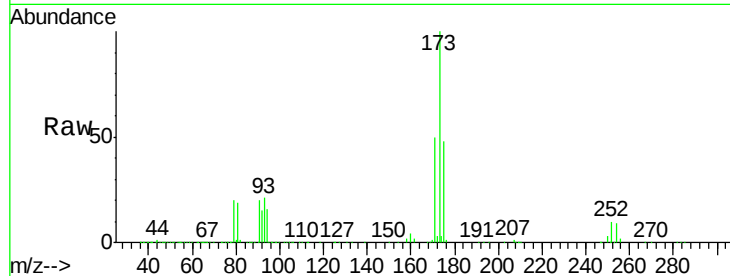
ClientSampleId :

VSTDIC020

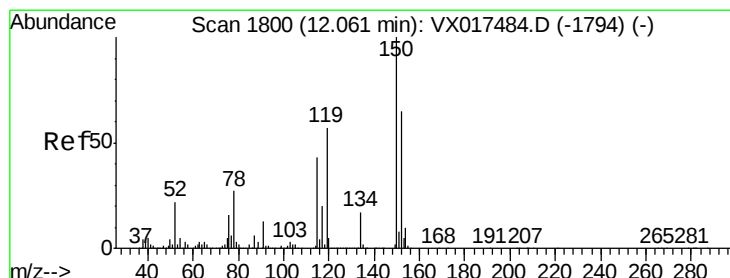
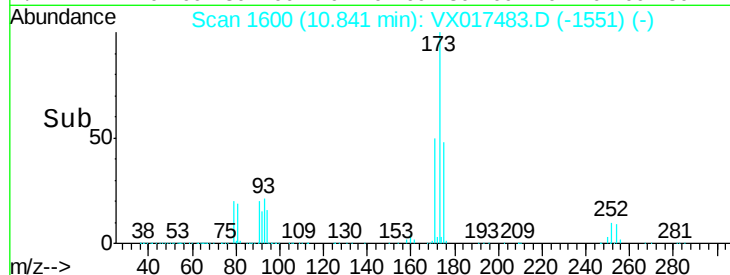
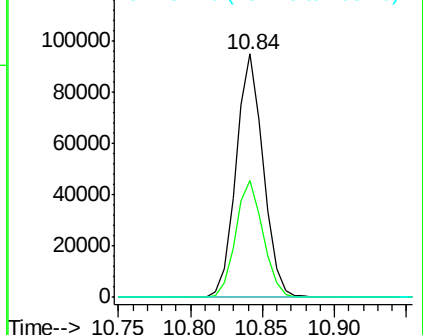
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.6
254	0.0	0.1	0.1#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

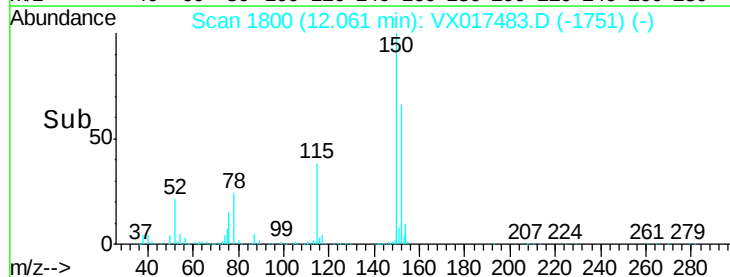
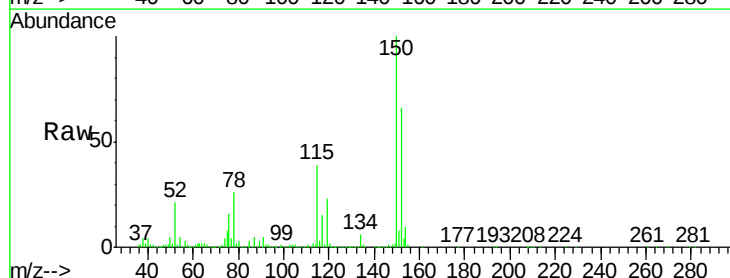
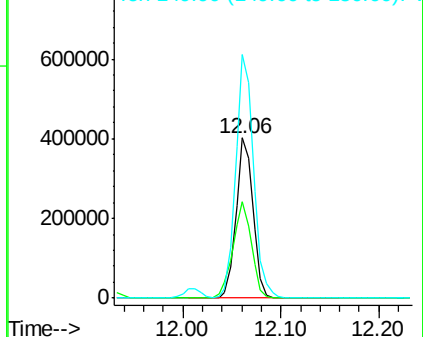
Delta R.T. -0.00 min

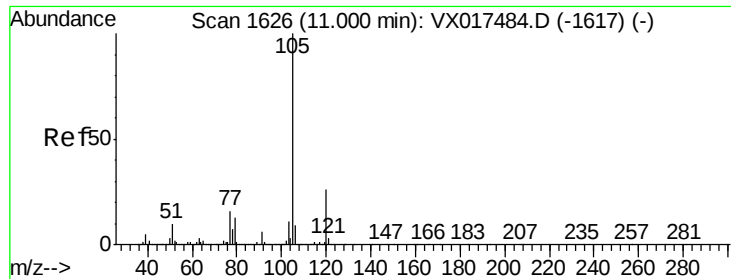
Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	41.9	125.6
150	160.3	0.0	348.6

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.255 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 613929

Ion Ratio Lower Upper

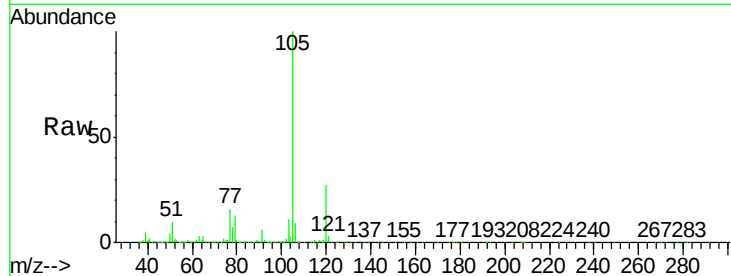
105 100

120 26.9 13.2 39.6

Manual Integrations
APPROVED

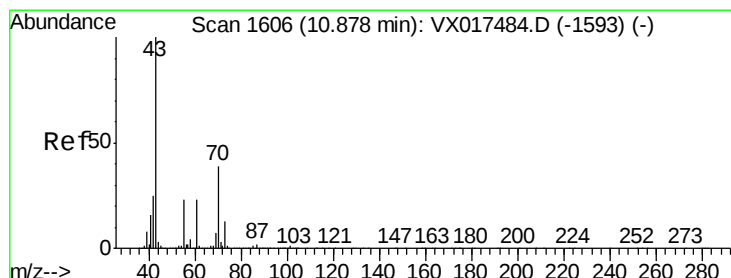
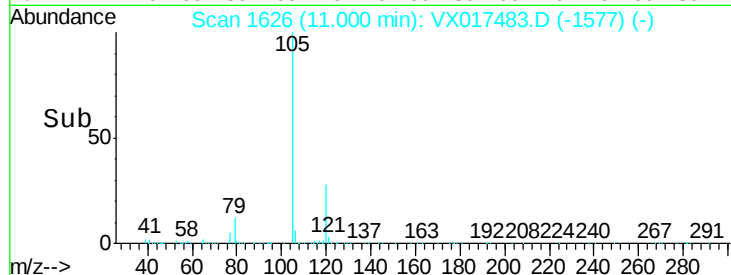
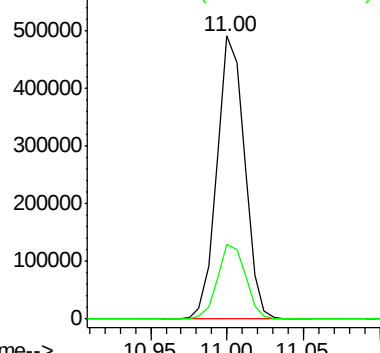
MMDadoda

7/24/2020 1:00:52 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.841 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion: 43 Resp: 273163

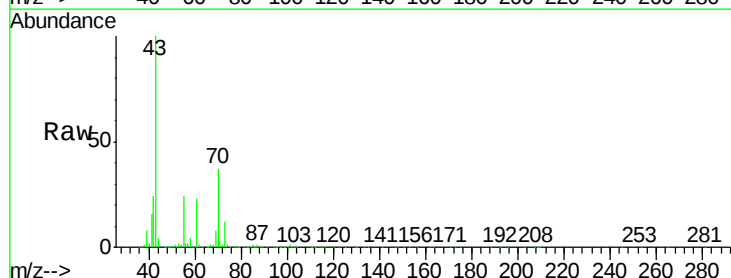
Ion Ratio Lower Upper

43 100

70 39.9 32.2 48.2

55 24.1 18.6 27.8

61 23.2 18.9 28.3

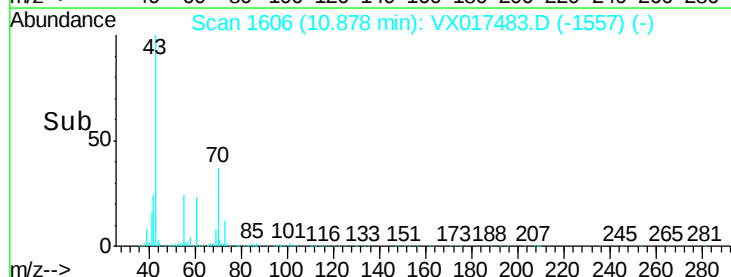
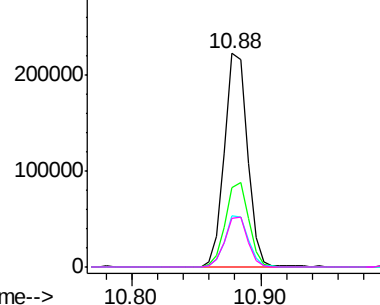


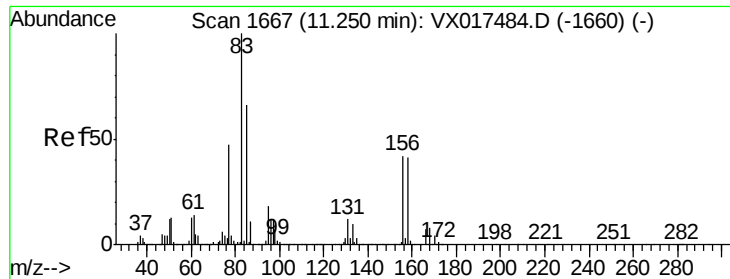
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.829 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 183335
Ion Ratio Lower Upper

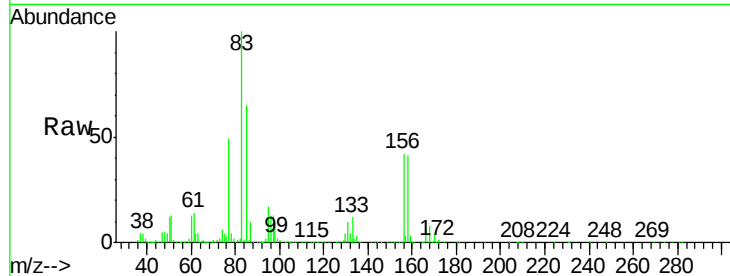
83 100

131 11.2 5.9 17.6

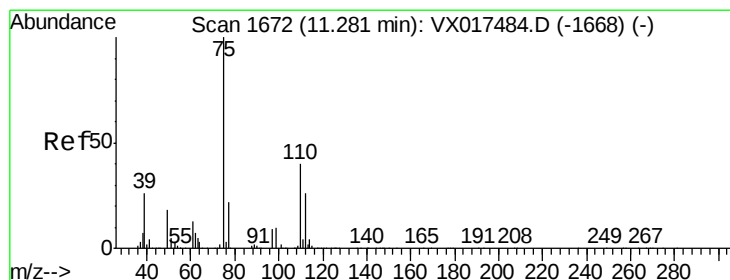
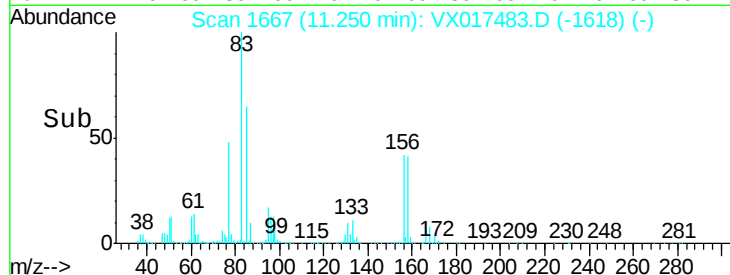
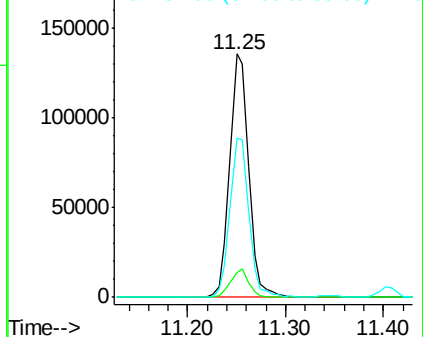
85 65.7 32.6 97.8

Manual Integrations
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7/24/2020 1:00:52 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.828 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

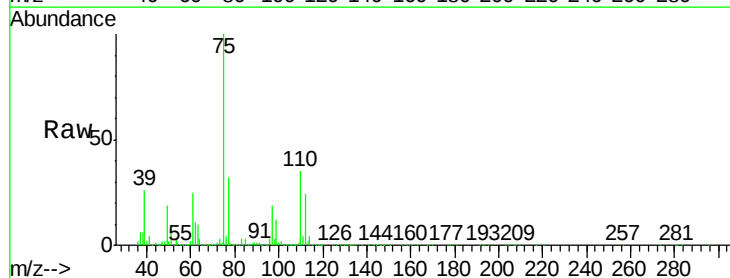
Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

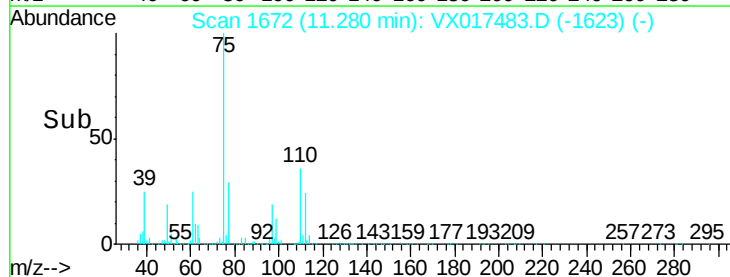
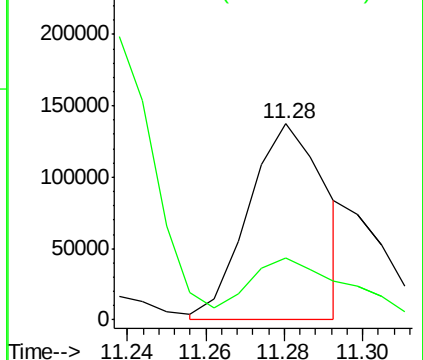
Tgt Ion: 75 Resp: 187802
Ion Ratio Lower Upper

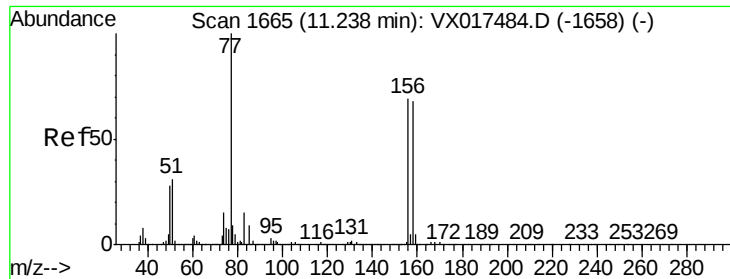
75 100

77 40.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.407 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

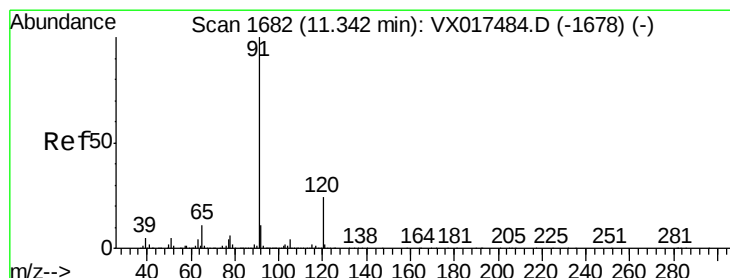
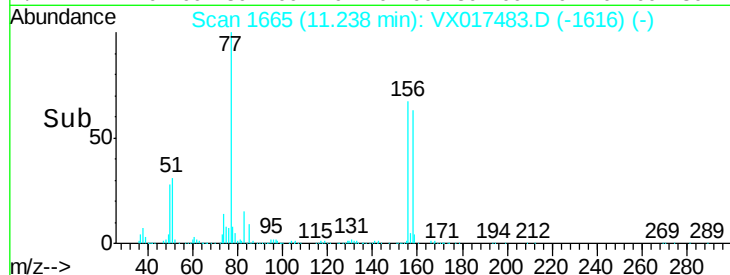
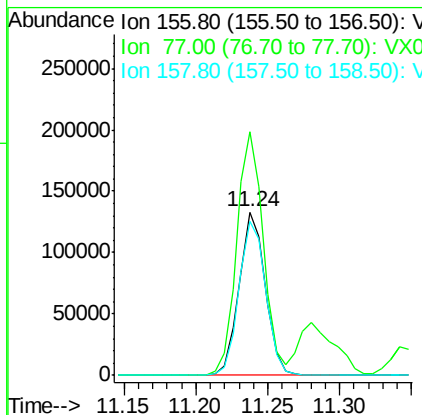
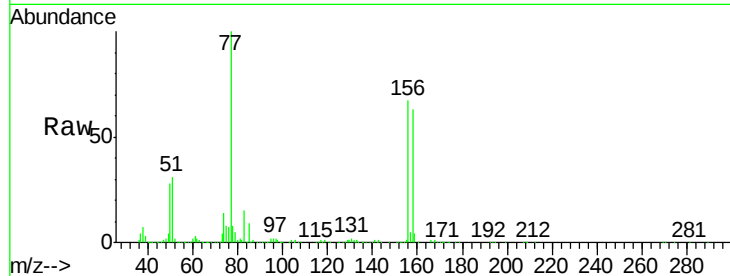
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	167650
Ion Ratio	Lower	Upper	
156	100		
77	152.1	73.2	219.5
158	96.5	49.0	147.0

Manual Integrations
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MMDadoda
7/24/2020 1:00:52 PM



#78

n-propylbenzene

Concen: 20.978 ug/l

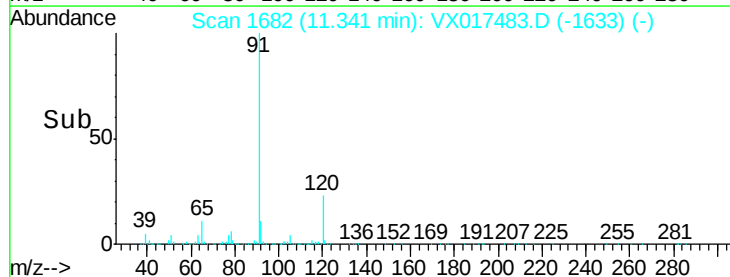
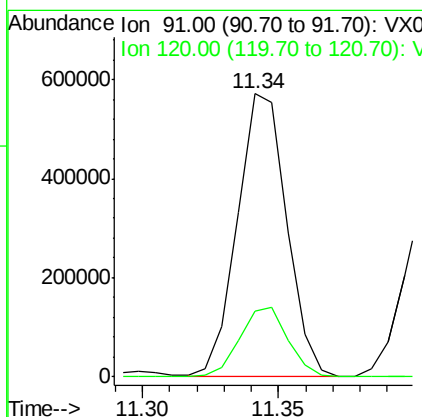
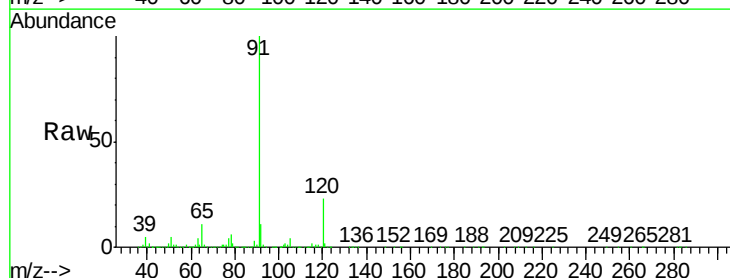
RT: 11.34 min Scan# 1682

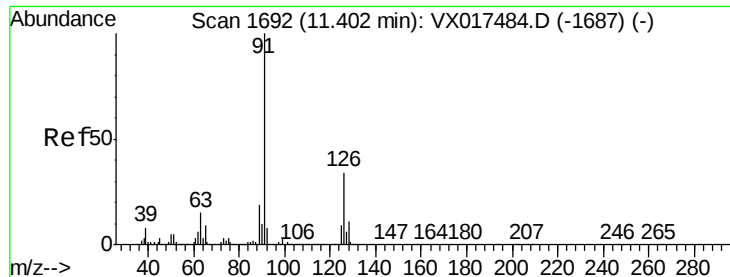
Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	91	Resp:	712222
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.3	36.9





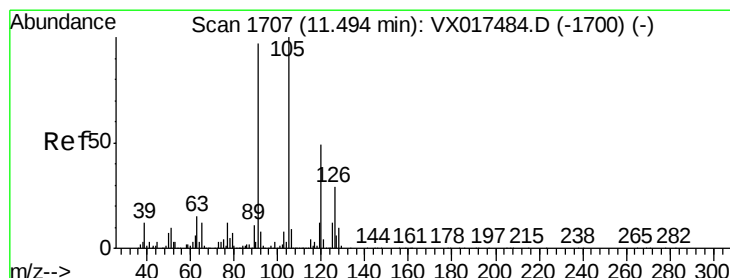
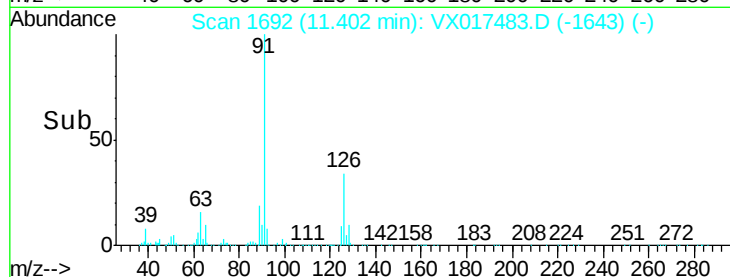
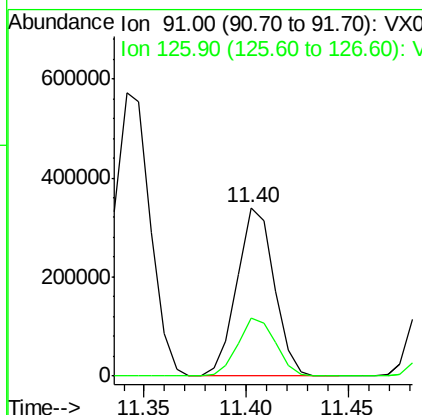
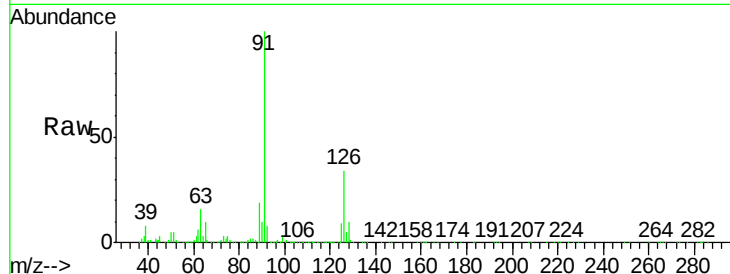
#79
 2-Chlorotoluene
 Concen: 20.498 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.5

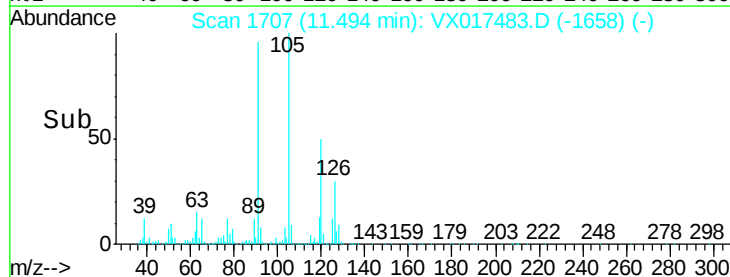
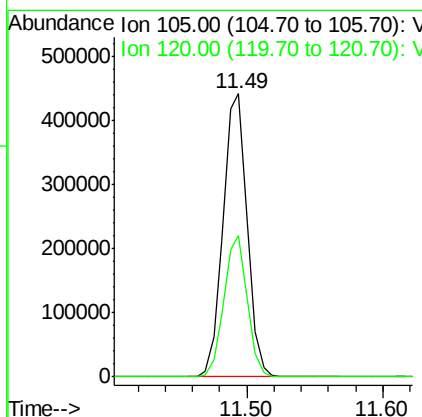
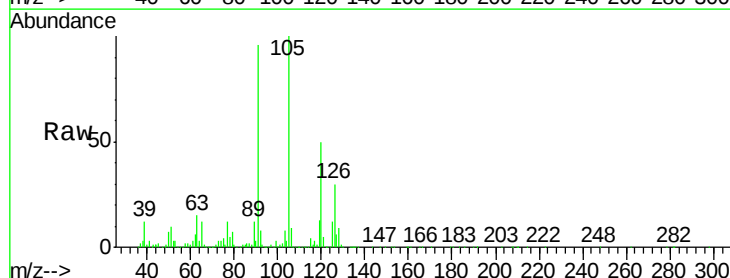
Manual Integrations
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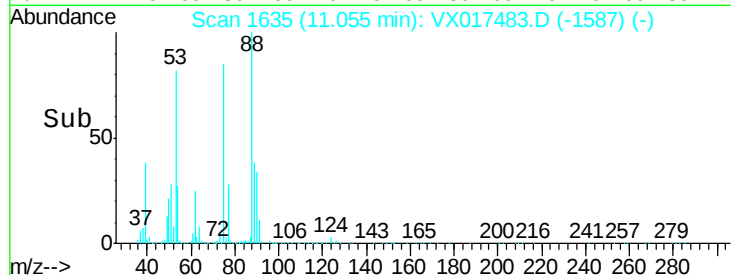
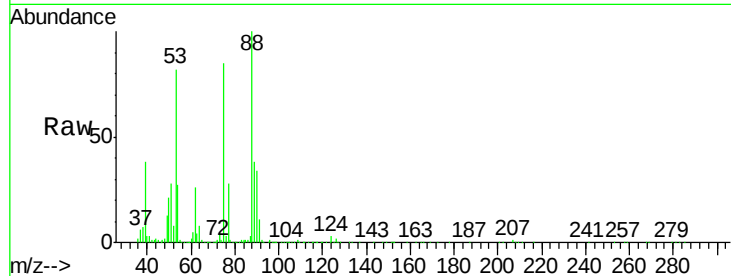
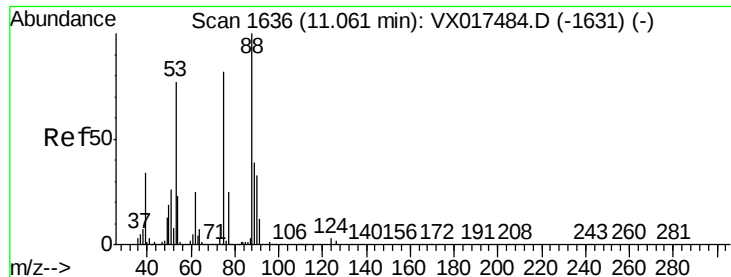
MMDadoda
 7/24/2020 1:00:52 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.778 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.2	72.6





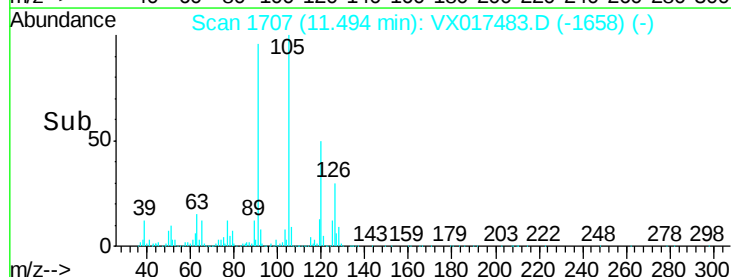
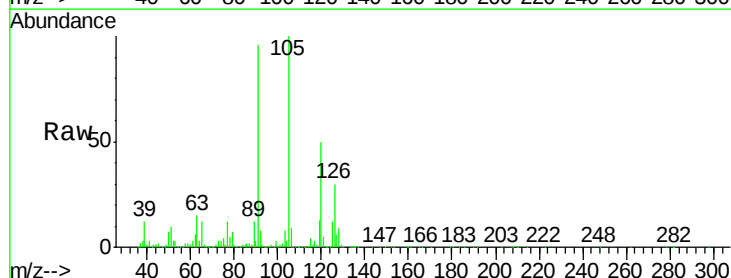
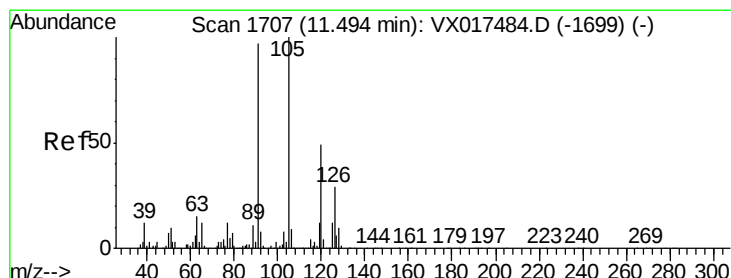
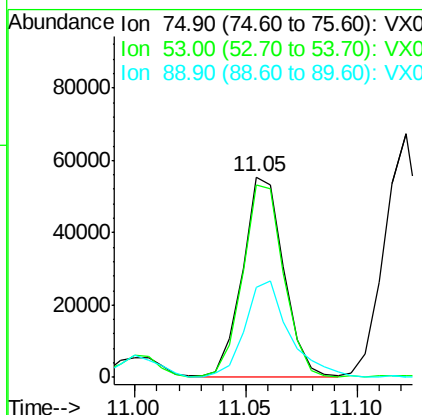
#81
trans-1,4-Dichloro-2-butene
Concen: 20.034 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	78.2	117.2
89	51.1	38.1	57.1

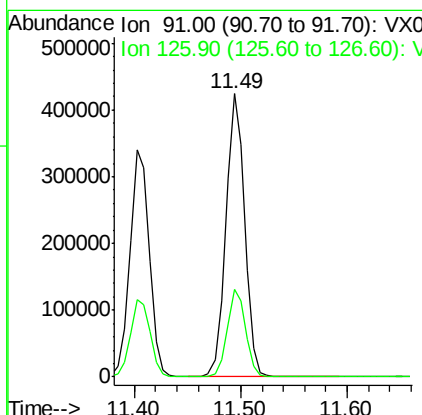
Manual Integrations
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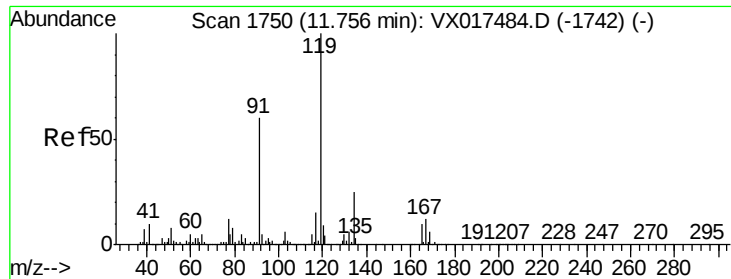
MMDadoda
7/24/2020 1:00:52 PM



#82
4-Chlorotoluene
Concen: 20.954 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.5





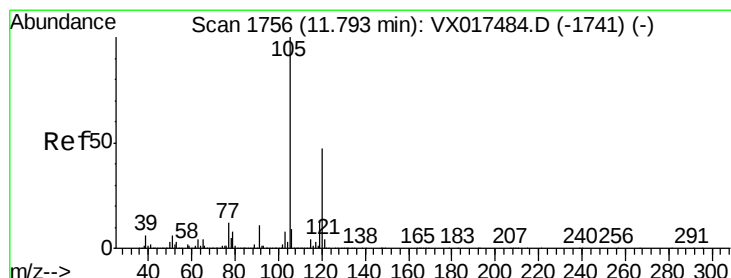
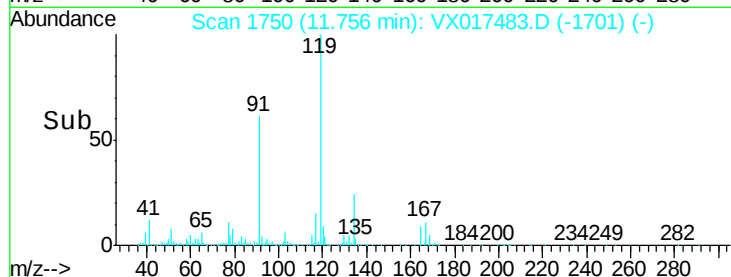
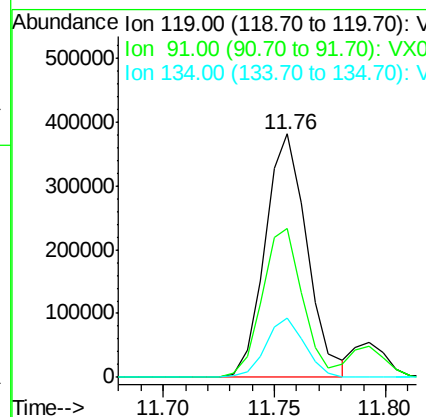
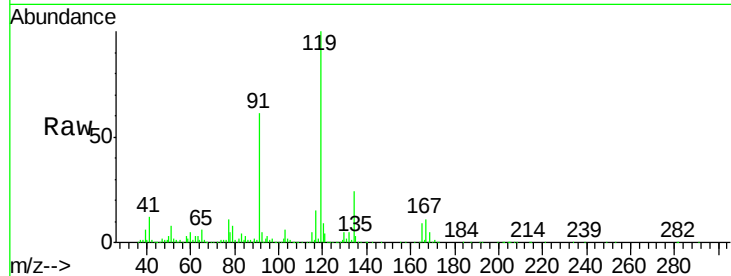
#83
tert-Butylbenzene
Concen: 20.003 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	498443		
91	58.9	29.0	87.0	
134	22.9	11.4	34.1	

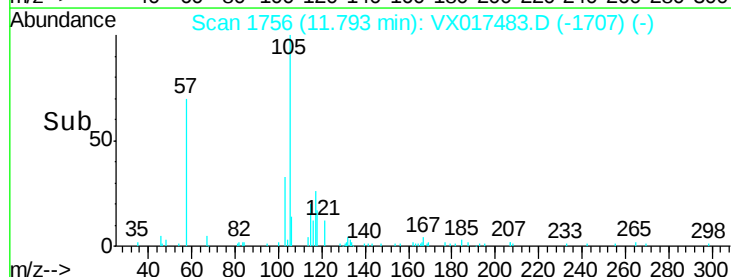
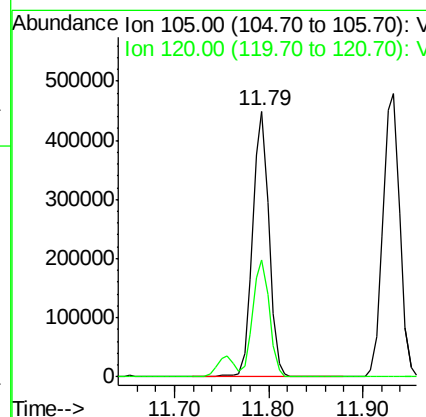
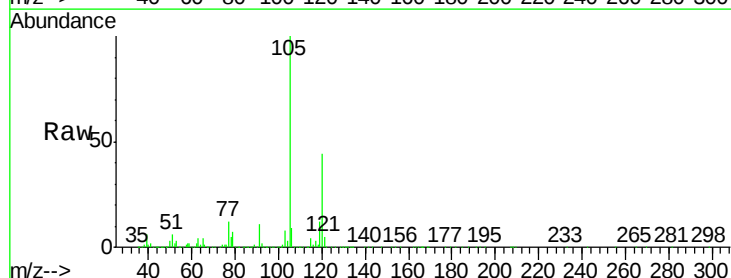
Manual Integrations
APPROVED

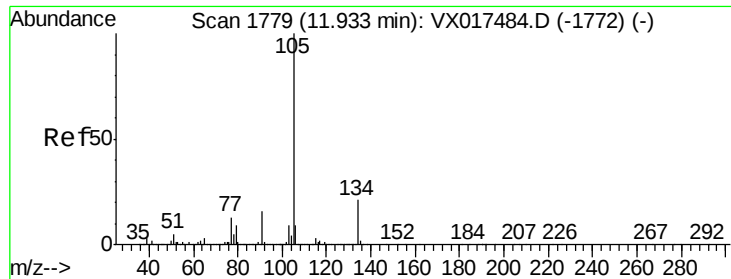
MMDadoda
7/24/2020 1:00:52 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.797 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541776		
120	44.8	22.3	66.9	





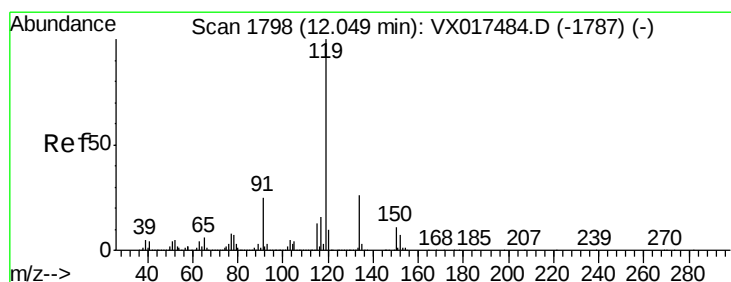
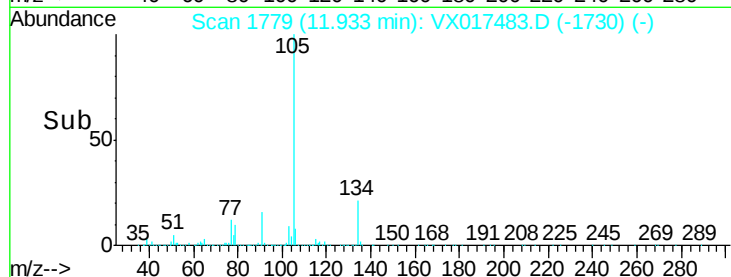
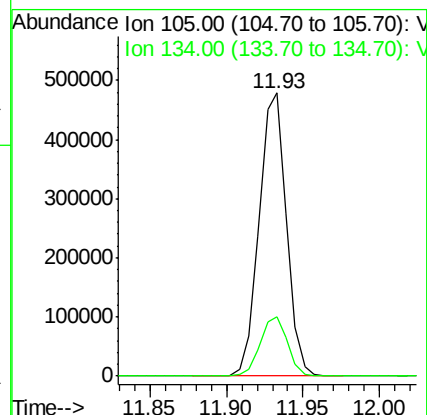
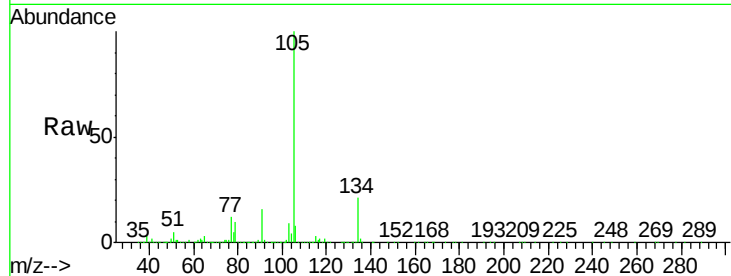
#85
 sec-Butylbenzene
 Concen: 20.430 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1

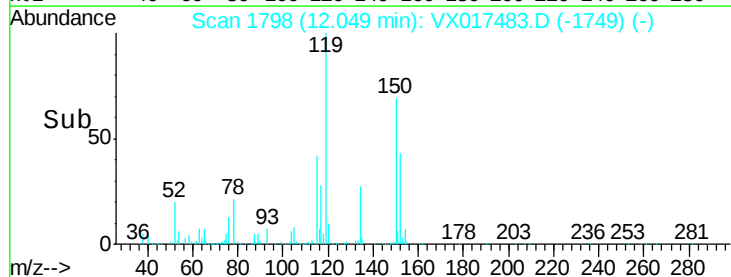
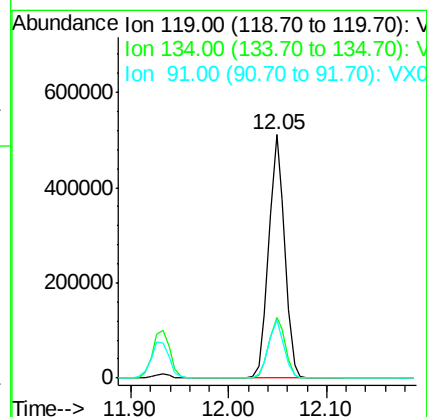
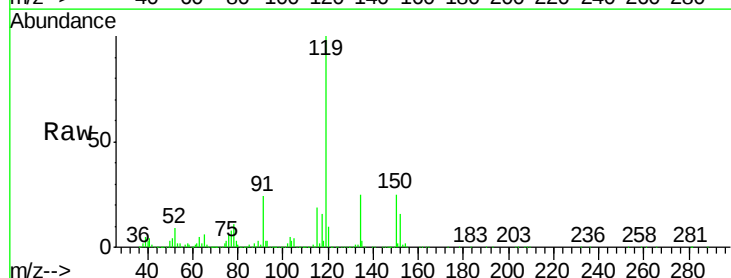
Manual Integrations
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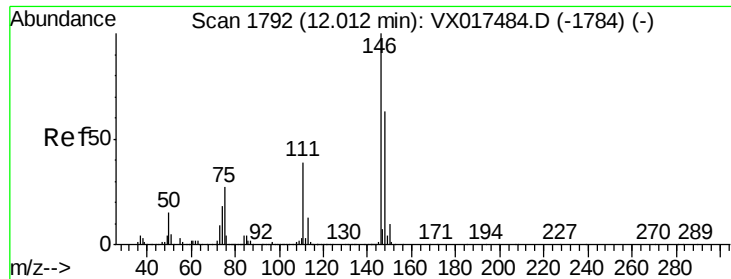
MMDadoda
 7/24/2020 1:00:52 PM



#86
 p-Isopropyltoluene
 Concen: 20.914 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.7	12.3	36.8





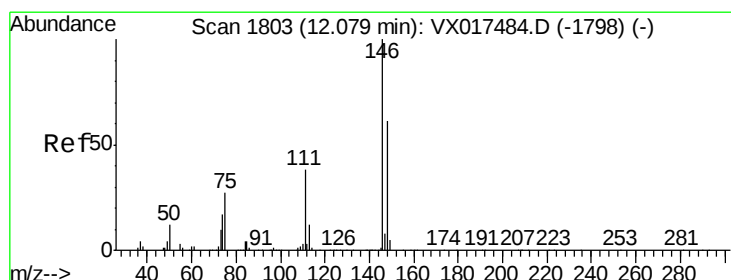
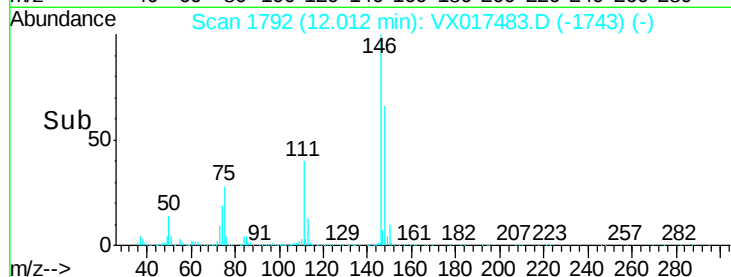
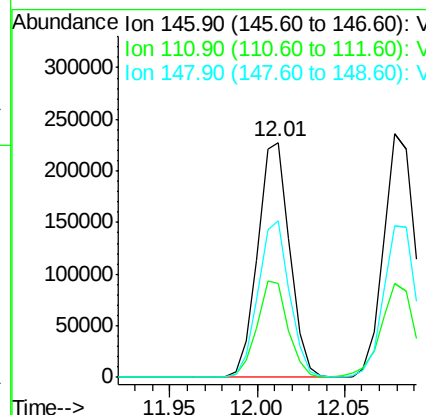
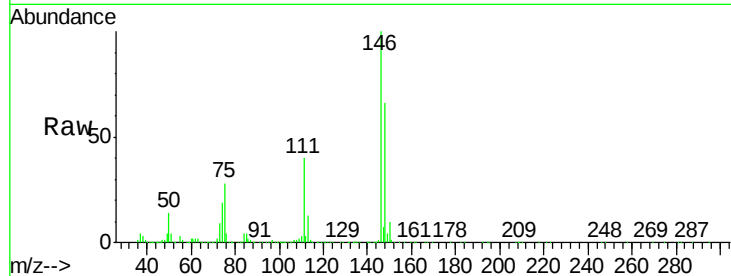
#87
 1,3-Dichlorobenzene
 Concen: 18.762 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	65.7	31.6	95.0

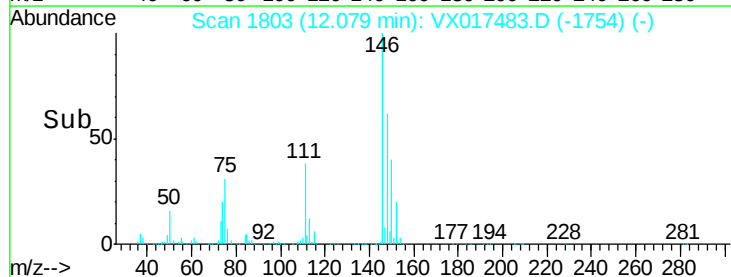
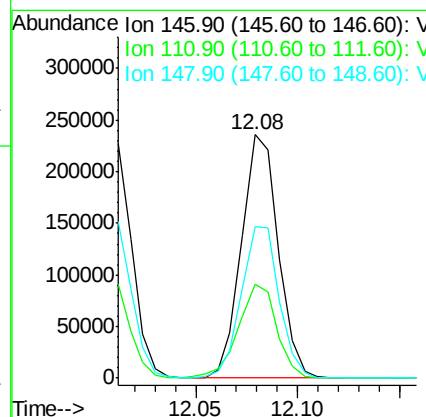
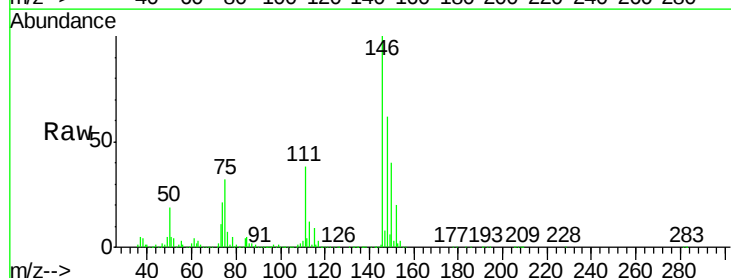
Manual Integrations
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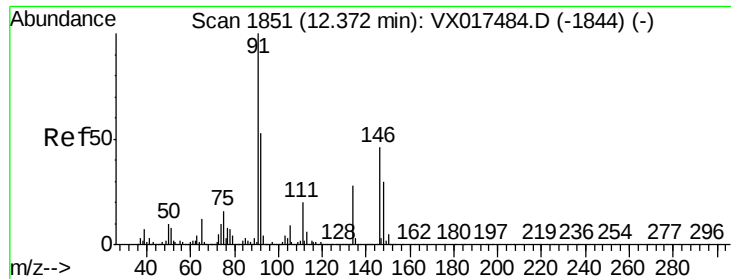
MMDadoda
 7/24/2020 1:00:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.871 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.5
148	64.3	31.6	95.0





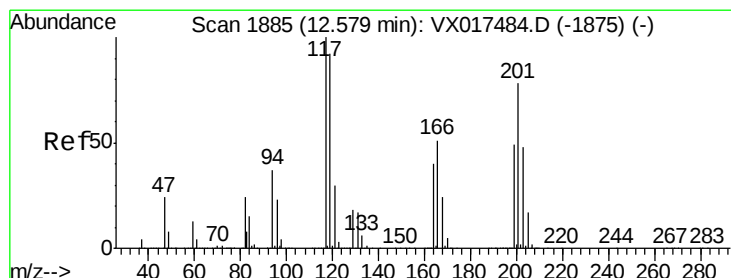
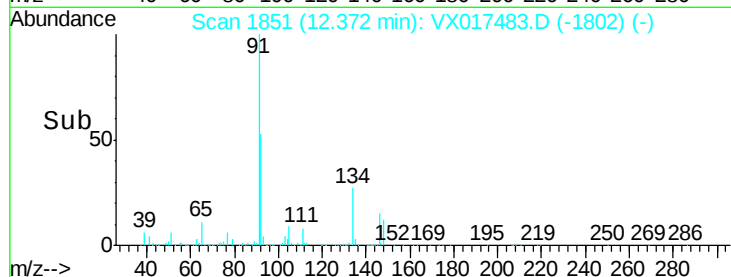
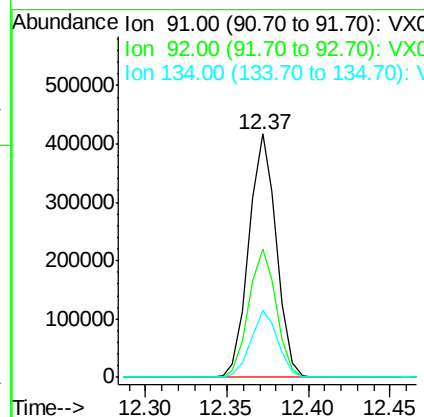
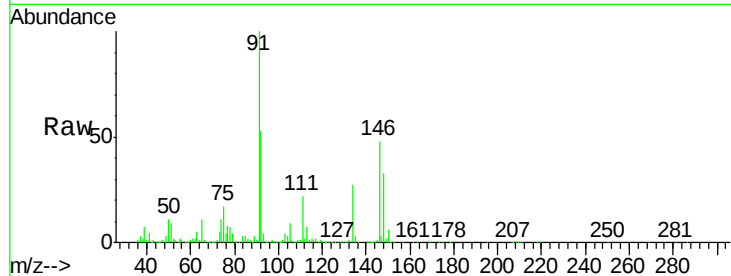
#89
n-Butylbenzene
Concen: 20.681 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	27.1	13.7	41.0

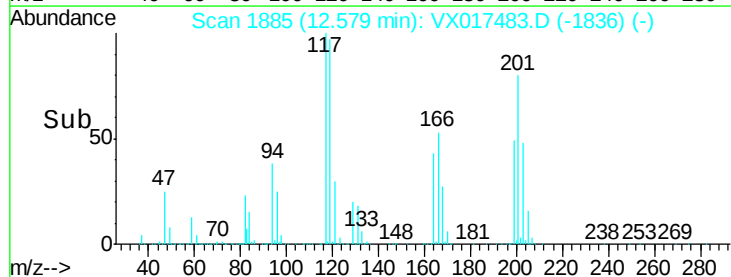
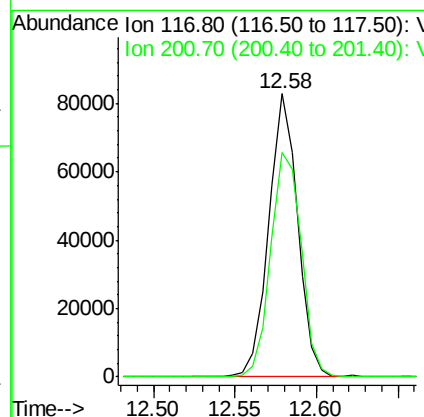
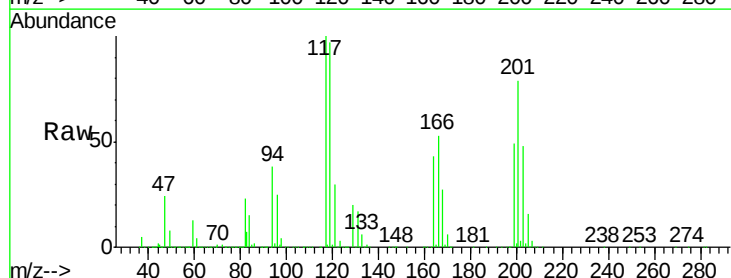
Manual Integrations
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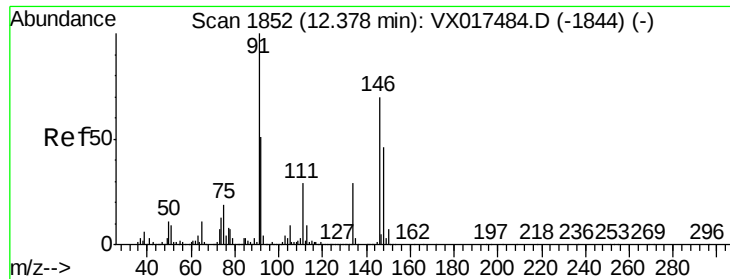
MMDadoda
7/24/2020 1:00:52 PM



#90
Hexachloroethane
Concen: 19.366 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.7	41.4	124.4





#91

1,2-Dichlorobenzene

Concen: 19.291 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Instrument :

MSVOA_X

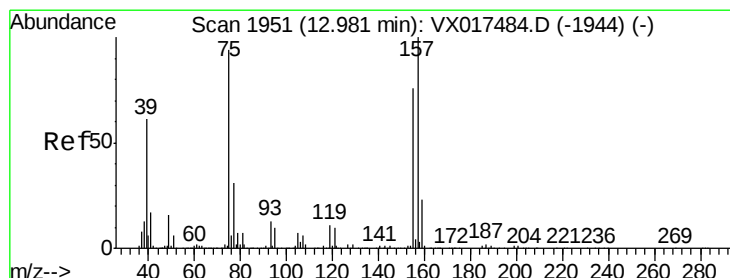
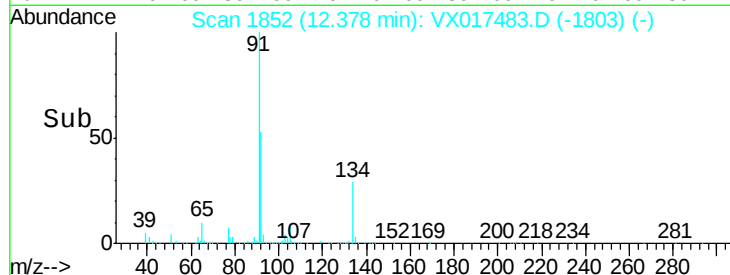
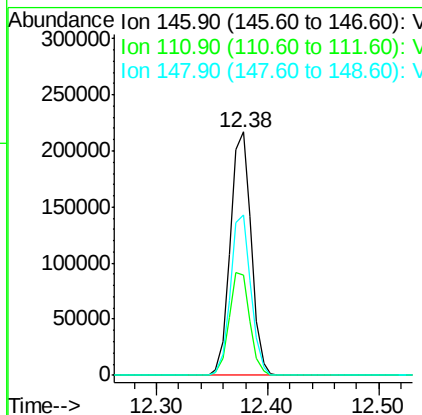
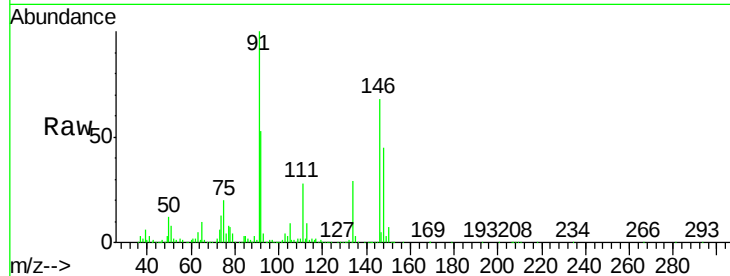
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	280230
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.8	62.2
148	64.4	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.323 ug/l

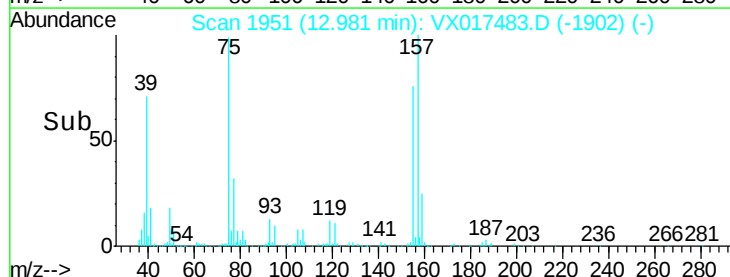
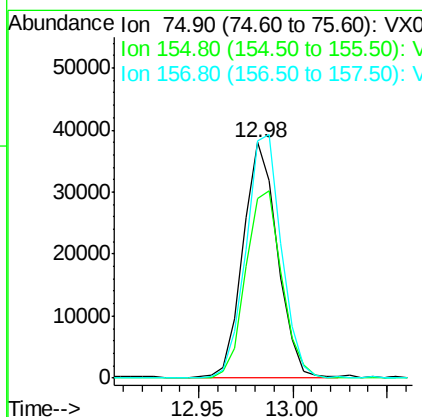
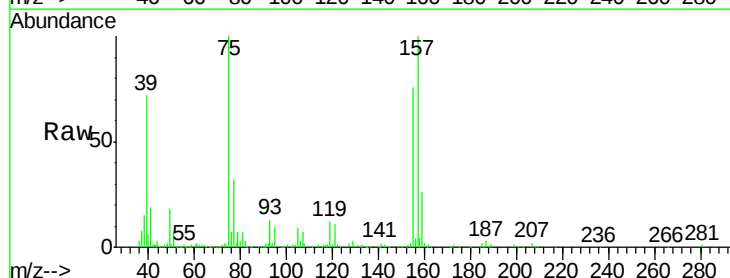
RT: 12.98 min Scan# 1951

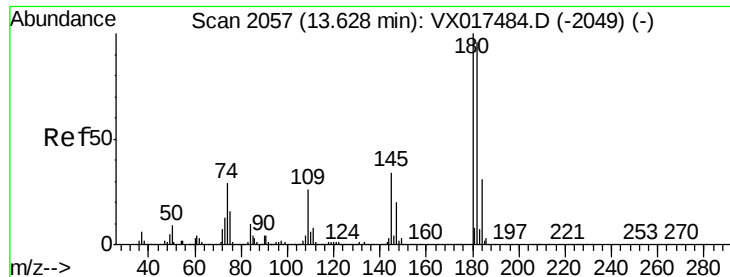
Delta R.T. -0.00 min

Lab File: VX017483.D

Acq: 23 Jul 2020 10:30

Tgt Ion:	75	Resp:	48057
Ion Ratio	Lower	Upper	
75	100		
155	83.8	42.3	126.9
157	106.7	55.1	165.5





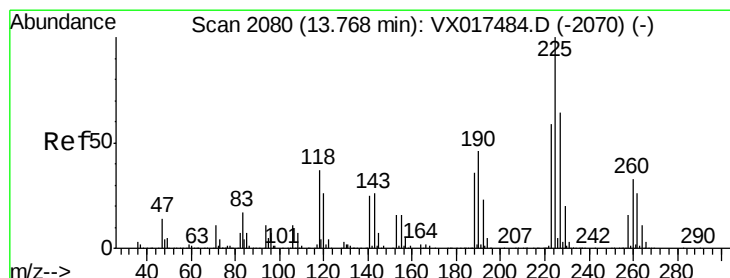
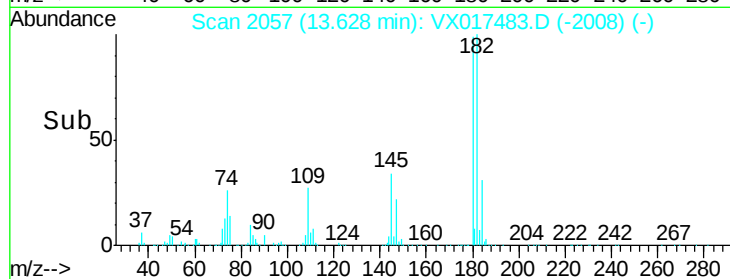
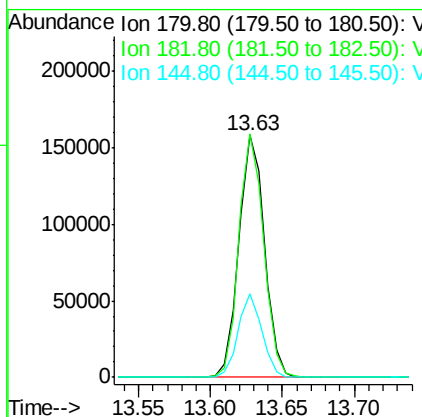
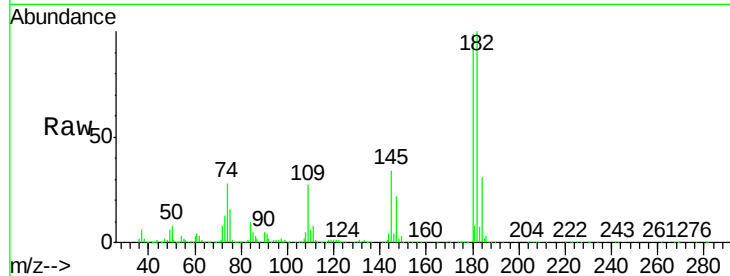
#93
 1,2,4-Trichlorobenzene
 Concen: 19.254 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	195723		
182	97.6	48.5	145.6	
145	32.3	16.0	47.9	

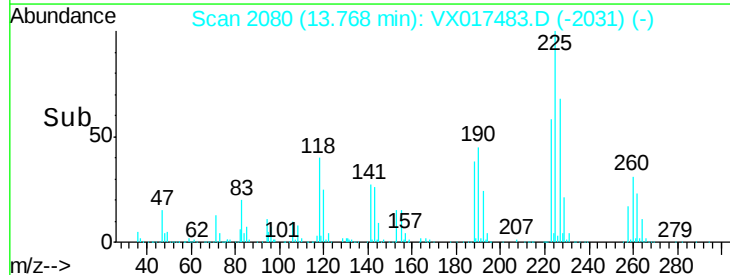
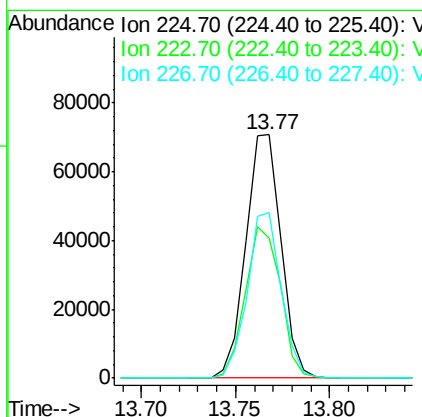
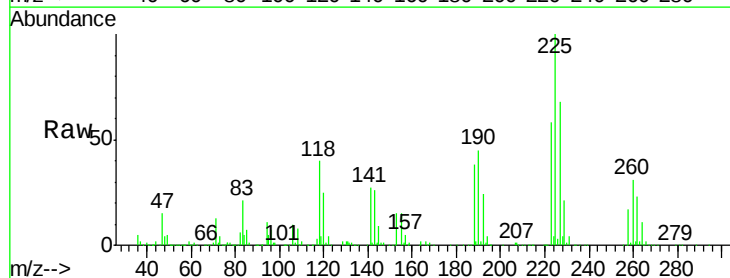
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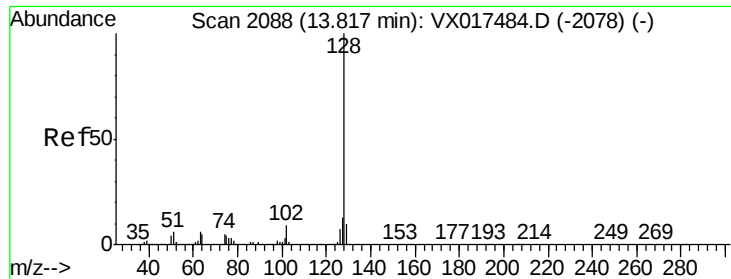
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#94
 Hexachlorobutadiene
 Concen: 21.697 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017483.D
 Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91848		
223	62.3	31.1	93.2	
227	65.4	32.2	96.6	





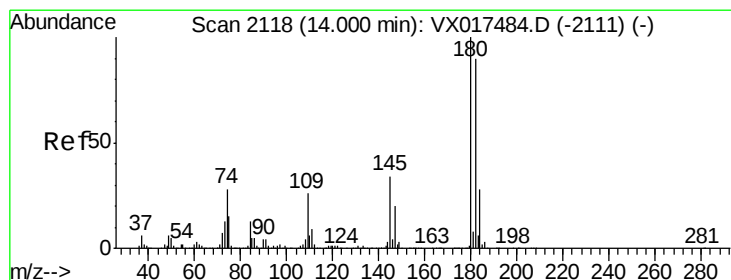
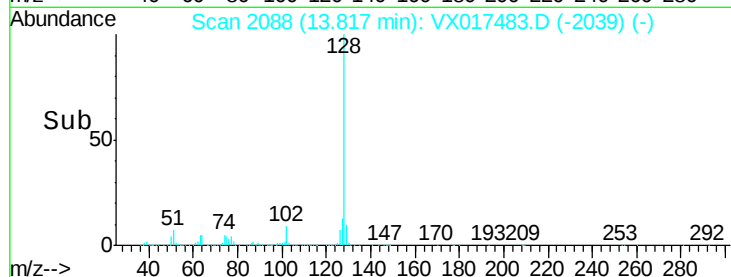
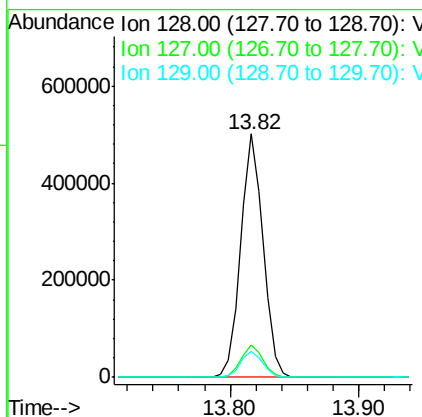
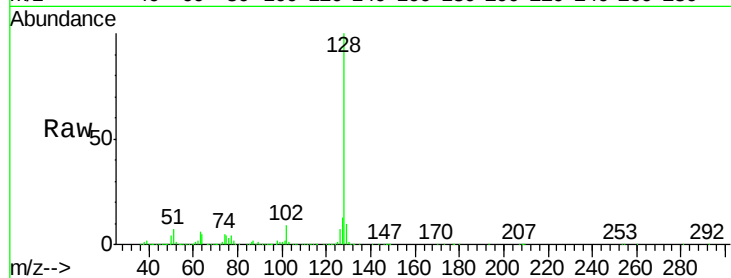
#95
Naphthalene
Concen: 20.005 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.168 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017483.D
Acq: 23 Jul 2020 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	45.7	137.1
145	32.7	16.4	49.2

