

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017278.D
 Acq On : 09 Jul 2020 00:10
 Operator : JC/SP
 Sample : VX0708WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:03 AM

Quant Time: Jul 09 05:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	281336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173295	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.47	113	140661	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.70	98	498910	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	197956	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	44601	16.387	ug/l	96
3) Chloromethane	1.31	50	46879	14.229	ug/l	98
4) Vinyl Chloride	1.39	62	49136	16.075	ug/l	98
5) Bromomethane	1.63	94	33584	20.796	ug/l	99
6) Chloroethane	1.72	64	32197	17.835	ug/l	95
7) Trichlorofluoromethane	1.92	101	88267	19.525	ug/l	96
8) Diethyl Ether	2.17	74	30696	20.398	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49497	18.268	ug/l	96
10) Methyl Iodide	2.50	142	47303	13.530	ug/l	100
11) Tert butyl alcohol	3.01	59	60299	91.134	ug/l	97
12) 1,1-Dichloroethene	2.36	96	47952	17.228	ug/l	97
13) Acrolein	2.27	56	33202	83.945	ug/l	96
14) Allyl chloride	2.71	41	83811	16.293	ug/l	97
15) Acrylonitrile	3.12	53	148258	93.210	ug/l	99
16) Acetone	2.42	43	124879	96.249	ug/l	97
17) Carbon Disulfide	2.55	76	125786	16.210	ug/l	98
18) Methyl Acetate	2.75	43	66595	19.662	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	174541	18.684	ug/l	100
20) Methylene Chloride	2.84	84	56734	18.574	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53324	17.263	ug/l	99
22) Diisopropyl ether	3.82	45	175580	18.442	ug/l	98
23) Vinyl Acetate	3.79	43	751481	91.855	ug/l	99
24) 1,1-Dichloroethane	3.67	63	96292	17.775	ug/l	98
25) 2-Butanone	4.64	43	200958	92.954	ug/l	99
26) 2,2-Dichloropropane	4.55	77	71931	14.955	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	61720	17.635	ug/l	99
28) Bromochloromethane	4.98	49	45490	17.256	ug/l	96
29) Tetrahydrofuran	5.09	42	128235	89.774	ug/l	97
30) Chloroform	5.18	83	102792	18.510	ug/l	100
31) Cyclohexane	5.55	56	77847	16.625	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	95378	18.649	ug/l	100
36) 1,1-Dichloropropene	5.78	75	75202	18.380	ug/l	100
37) Ethyl Acetate	4.80	43	78011	18.792	ug/l	98
38) Carbon Tetrachloride	5.75	117	85703	19.018	ug/l	97

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MMDadoda
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Quant Time: Jul 09 05:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75321	16.546	ug/l	99
40) Benzene	6.12	78	216942	18.046	ug/l	96
41) Methacrylonitrile	5.00	41	45848	19.623	ug/l	96
42) 1,2-Dichloroethane	6.16	62	85168	19.614	ug/l	100
43) Isopropyl Acetate	6.41	43	126361	18.318	ug/l	99
44) Trichloroethene	7.18	130	65177	19.458	ug/l	91
45) 1,2-Dichloropropane	7.49	63	57019	18.467	ug/l	99
46) Dibromomethane	7.64	93	40642	19.280	ug/l	97
47) Bromodichloromethane	7.87	83	83937	19.322	ug/l	94
48) Methyl methacrylate	7.74	41	61431	18.744	ug/l	98
49) 1,4-Dioxane	7.72	88	25060	337.522	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400634	97.429	ug/l	100
52) Toluene	8.76	92	141404	18.840	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	86363	18.018	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92831	18.067	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58094	18.944	ug/l	99
56) Ethyl methacrylate	9.16	69	82050	18.798	ug/l	99
57) 1,3-Dichloropropane	9.35	76	95404	18.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	206333	94.984	ug/l	99
59) 2-Hexanone	9.47	43	301994	100.558	ug/l	99
60) Dibromochloromethane	9.57	129	69835	19.607	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62598	18.991	ug/l	100
64) Tetrachloroethene	9.32	164	63323	19.128	ug/l	96
65) Chlorobenzene	10.12	112	155161	18.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	62732	19.227	ug/l	100
67) Ethyl Benzene	10.23	91	260338	18.413	ug/l	100
68) m/p-Xylenes	10.34	106	202136	37.234	ug/l	97
69) o-Xylene	10.68	106	94762	18.349	ug/l	99
70) Styrene	10.70	104	167571	19.054	ug/l	99
71) Bromoform	10.84	173	55606	21.492	ug/l #	99
73) Isopropylbenzene	11.00	105	263101	17.866	ug/l	100
74) N-amyl acetate	10.88	43	108913	17.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84441	18.229	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82519m	18.665	ug/l	
77) Bromobenzene	11.24	156	75734	18.712	ug/l	95
78) n-propylbenzene	11.34	91	298582	17.930	ug/l	100
79) 2-Chlorotoluene	11.40	91	185579	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224126	18.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	28315	16.585	ug/l	95
82) 4-Chlorotoluene	11.49	91	219547	18.222	ug/l	99
83) tert-Butylbenzene	11.76	119	215688	17.987	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229987	18.559	ug/l	100
85) sec-Butylbenzene	11.93	105	246287	17.473	ug/l	98
86) p-Isopropyltoluene	12.05	119	239695	18.267	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133180	18.118	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	134547	19.291	ug/l	98
89) n-Butylbenzene	12.37	91	191470	16.342	ug/l	100
90) Hexachloroethane	12.58	117	45527	17.594	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	128028	18.633	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20472	18.526	ug/l	96

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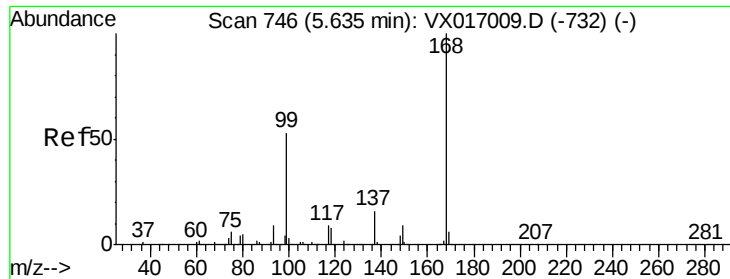
Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:03 AM

Quant Time: Jul 09 05:43:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82013	17.487	ug/l	98
94) Hexachlorobutadiene	13.77	225	31152	18.051	ug/l	97
95) Naphthalene	13.82	128	263398	18.474	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83854	18.475	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion:168 Resp: 281336

Ion Ratio Lower Upper

168 100

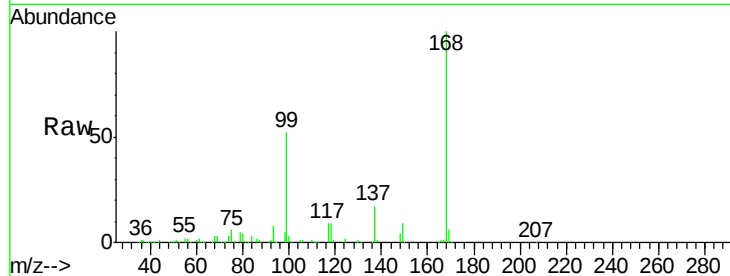
99 51.8 42.6 64.0

Manual Integrations

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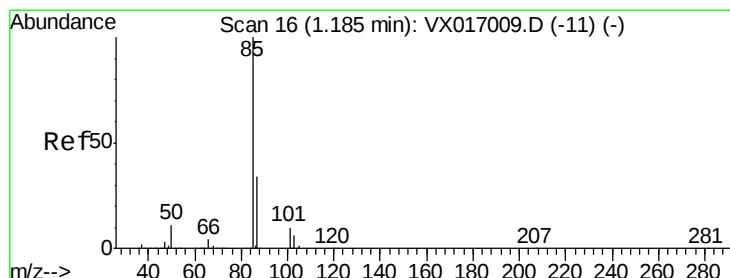
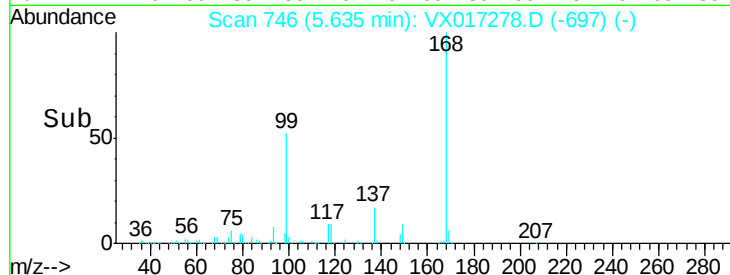
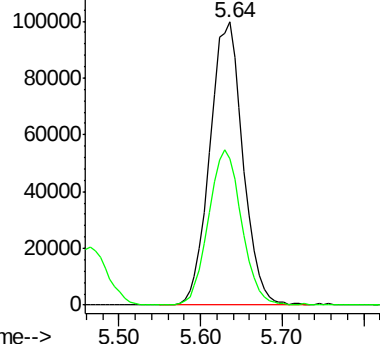
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.387 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017278.D

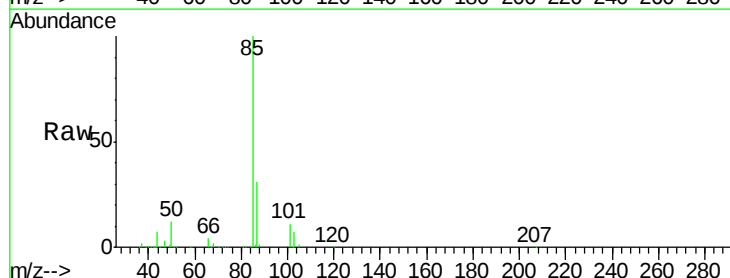
Acq: 09 Jul 2020 00:10

Tgt Ion: 85 Resp: 44601

Ion Ratio Lower Upper

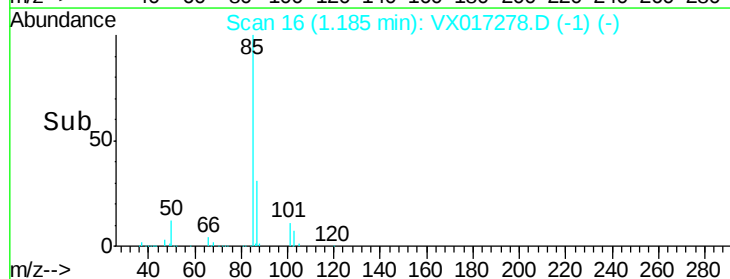
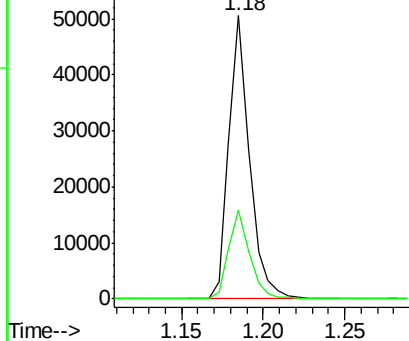
85 100

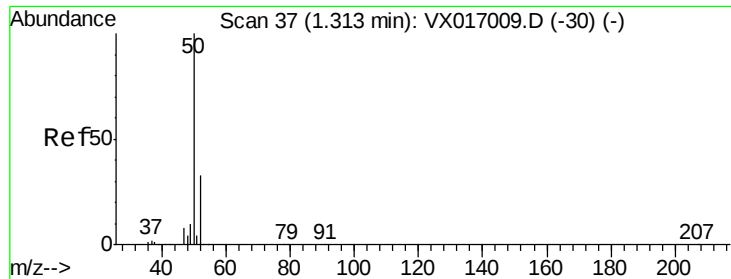
87 31.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.229 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 50 Resp: 46879

Ion Ratio Lower Upper

50 100

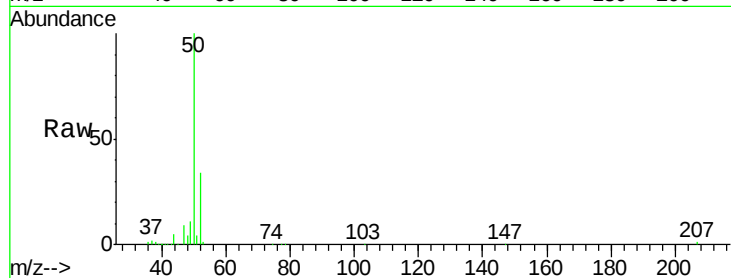
52 33.6 26.1 39.1

Manual Integrations

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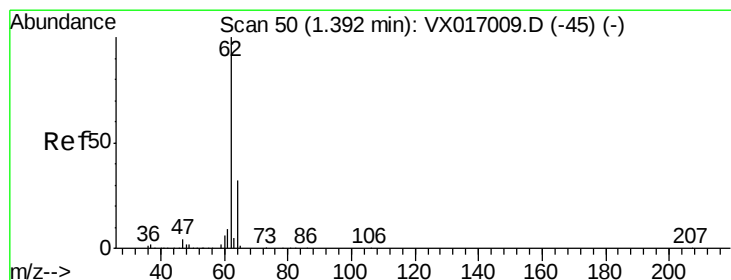
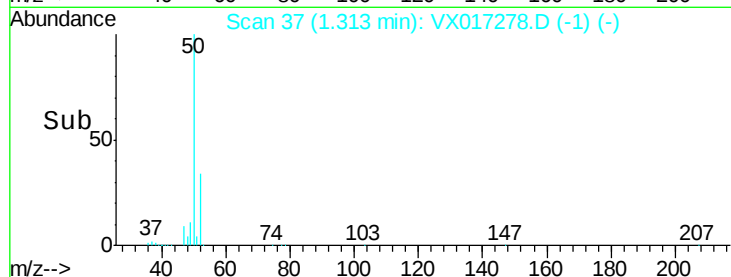
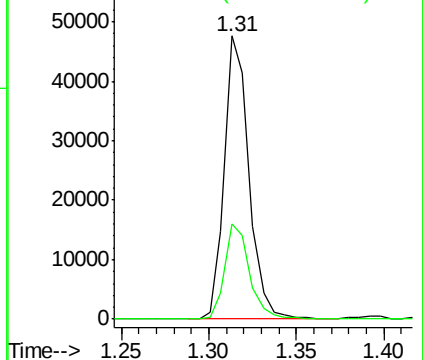
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.075 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017278.D

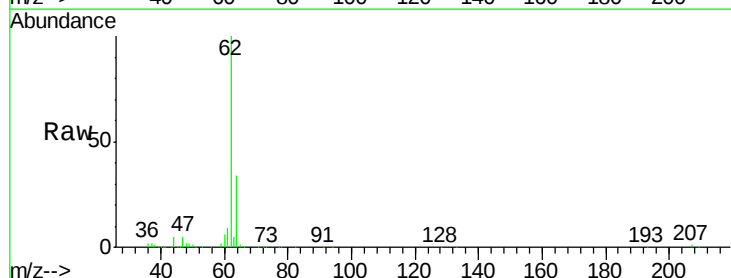
Acq: 09 Jul 2020 00:10

Tgt Ion: 62 Resp: 49136

Ion Ratio Lower Upper

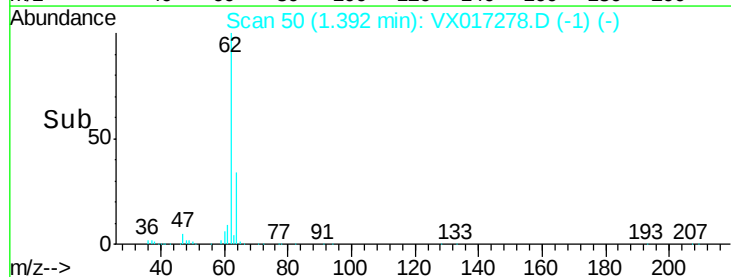
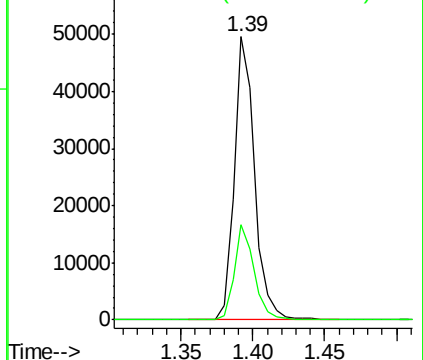
62 100

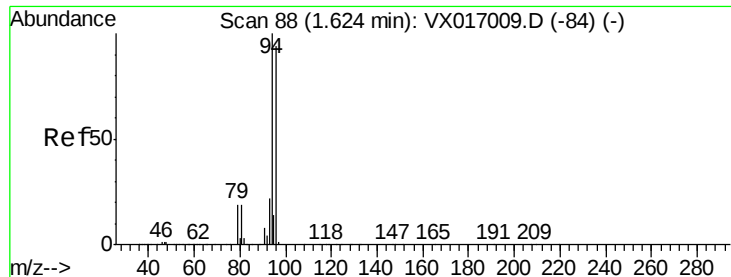
64 33.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.796 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 94 Resp: 33584

Ion Ratio Lower Upper

94 100

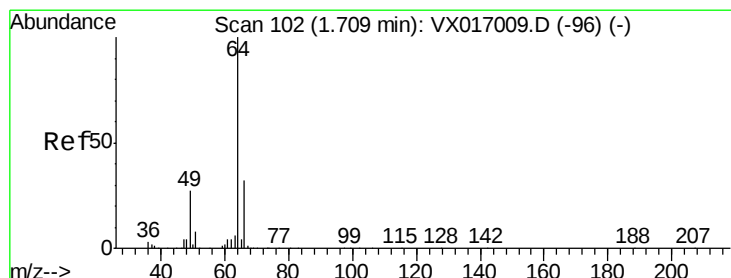
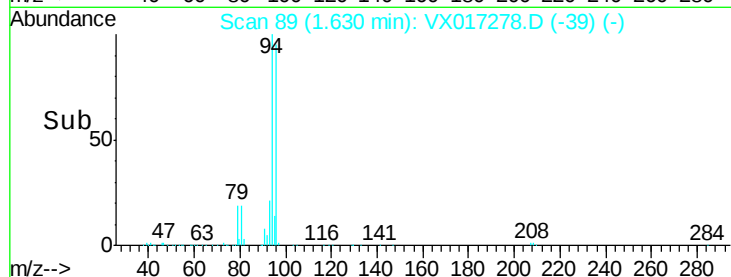
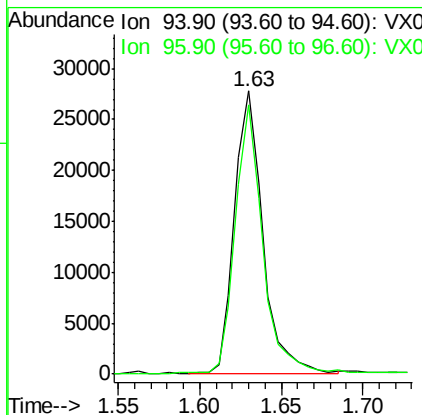
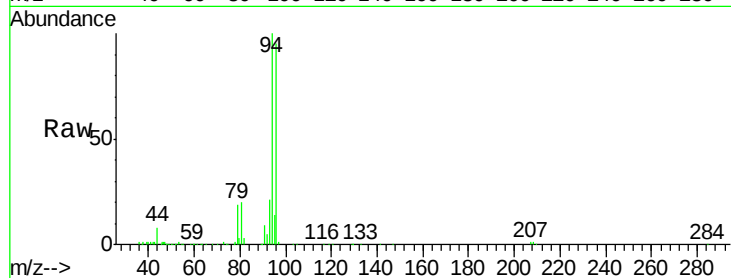
96 94.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 17.835 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017278.D

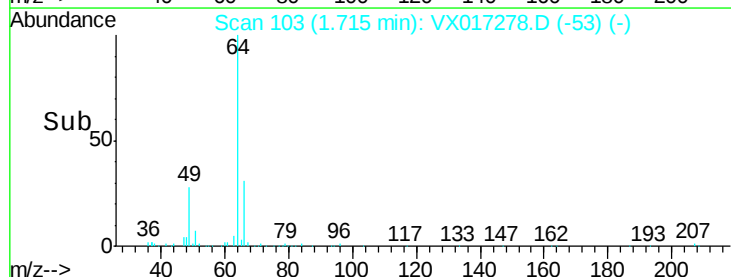
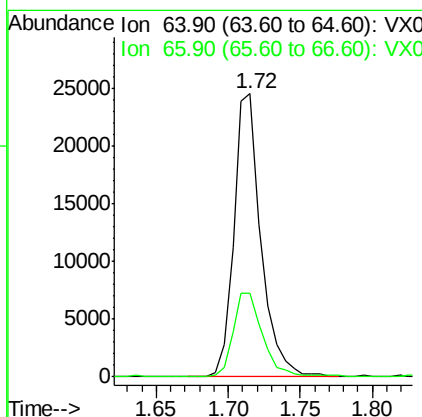
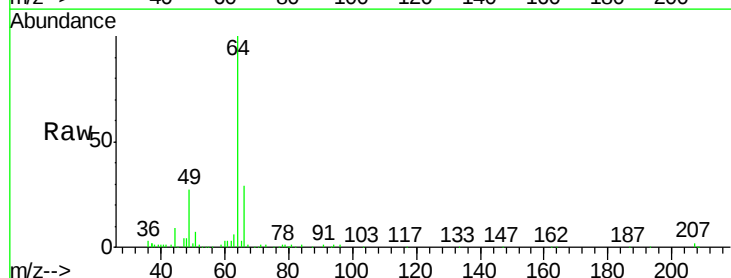
Acq: 09 Jul 2020 00:10

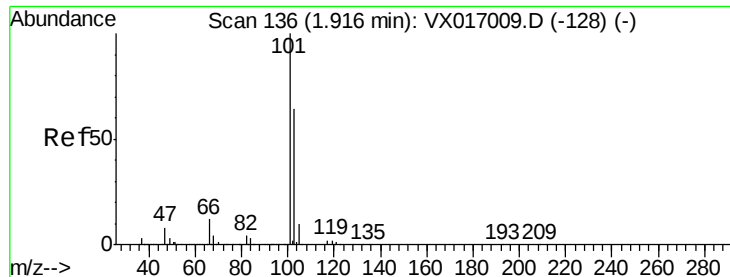
Tgt Ion: 64 Resp: 32197

Ion Ratio Lower Upper

64 100

66 29.2 25.5 38.3





#7

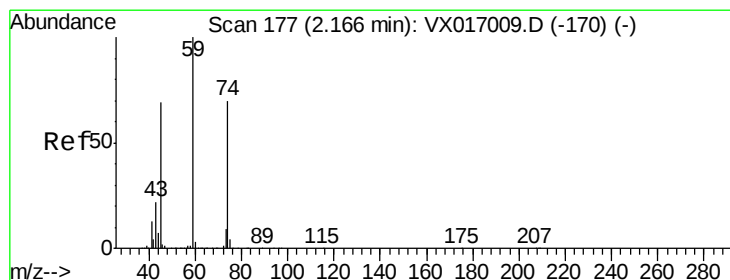
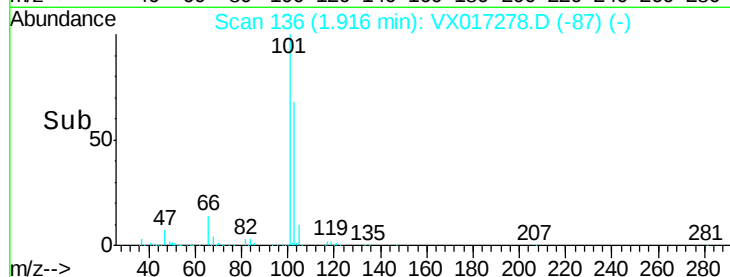
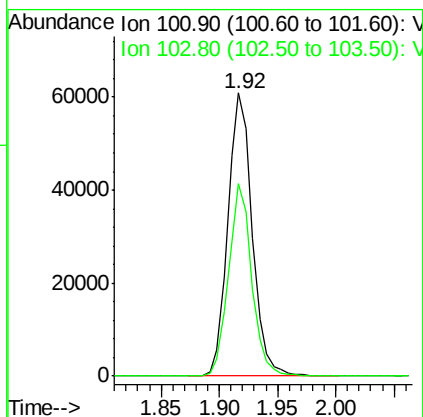
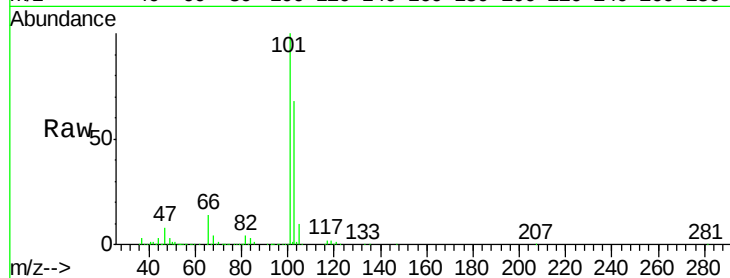
Trichlorofluoromethane
Concen: 19.525 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
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ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	51.5	77.3

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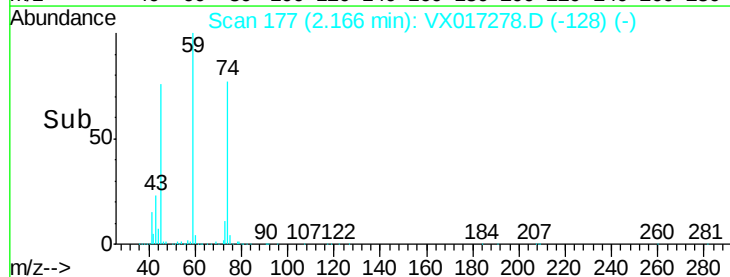
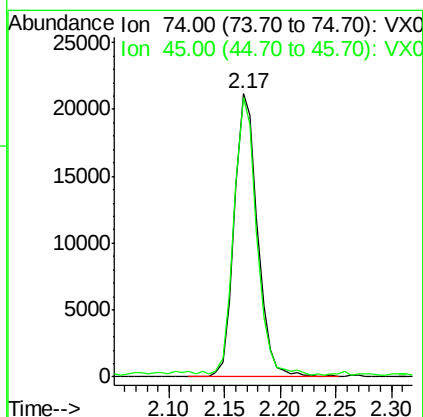
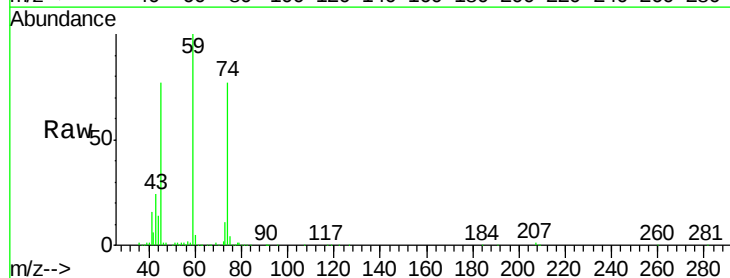
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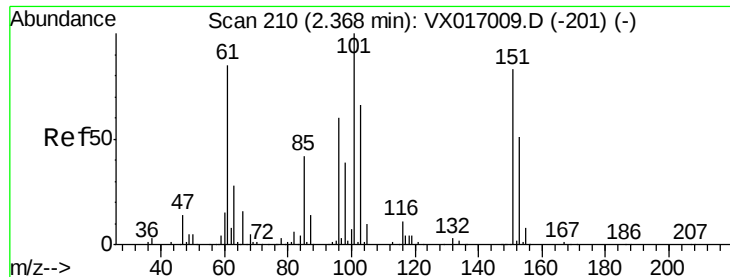


#8

Diethyl Ether
Concen: 20.398 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.268 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

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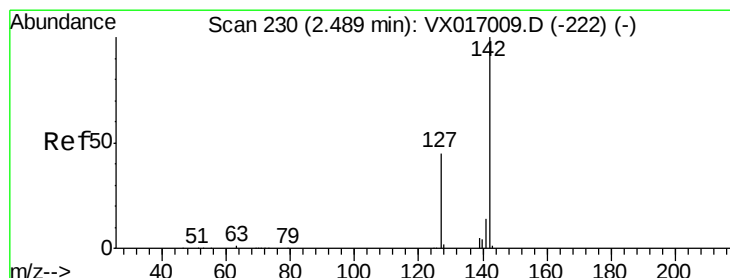
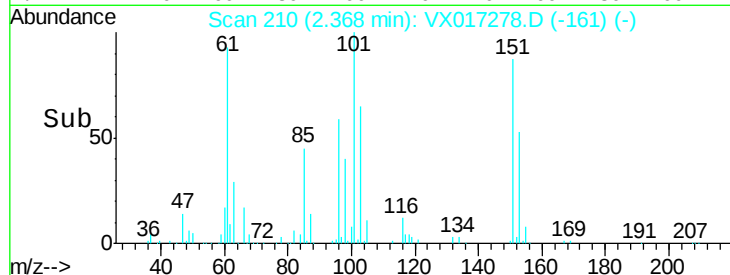
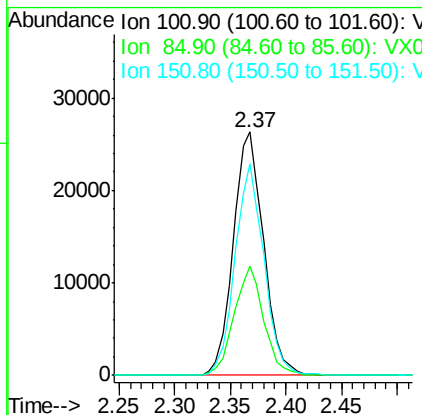
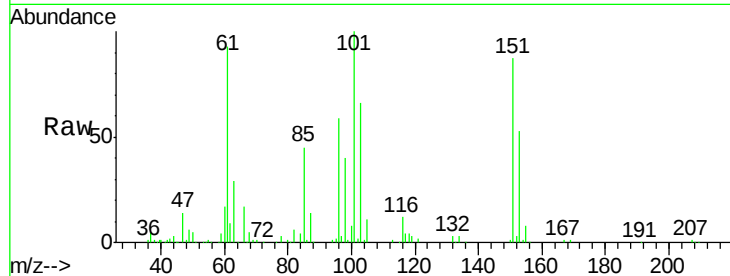
ClientSampleId :

VX0708WBS03

Tot Ion:	101	Resp:	49497
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.5	50.3
151	83.2	63.8	95.6

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#10

Methyl Iodide

Concen: 13.530 ug/l

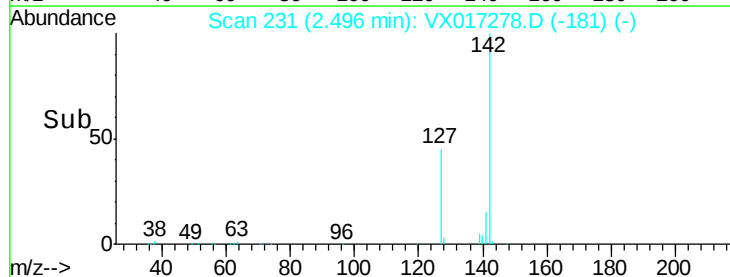
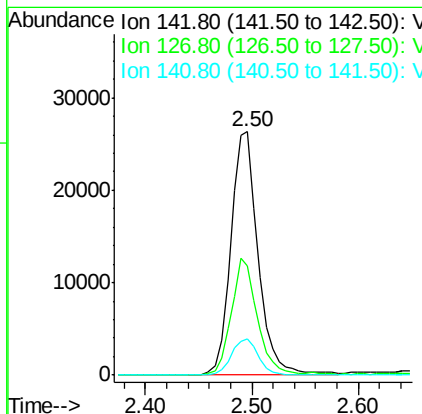
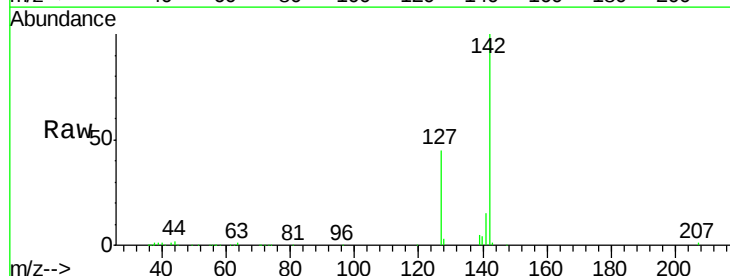
RT: 2.50 min Scan# 231

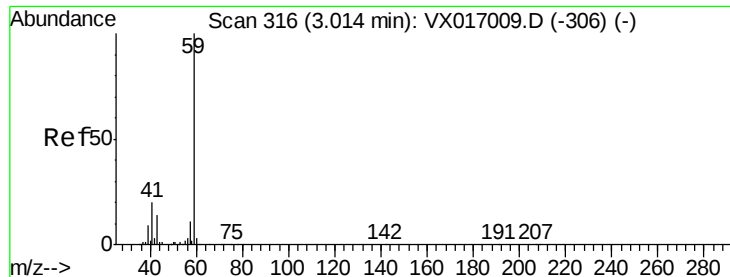
Delta R.T. 0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	142	Resp:	47303
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.6	54.8
141	14.6	11.6	17.4





#11

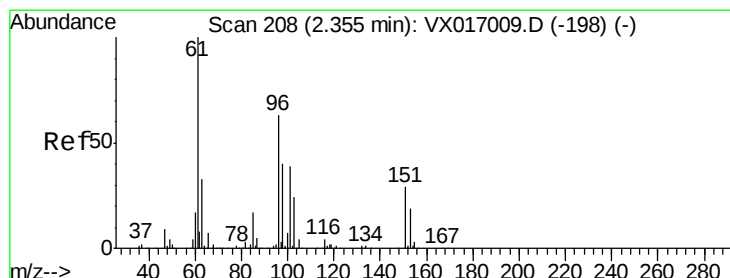
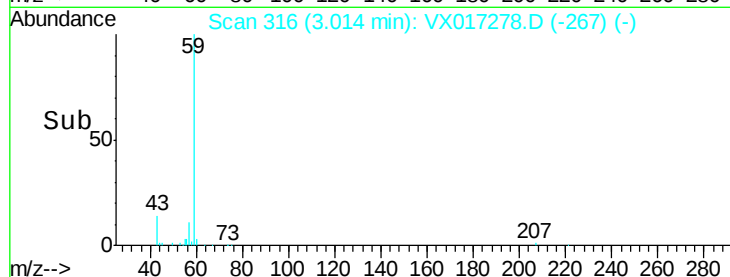
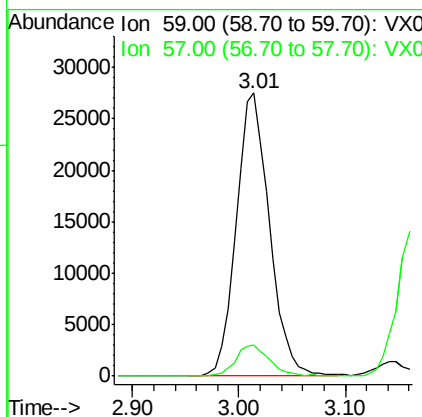
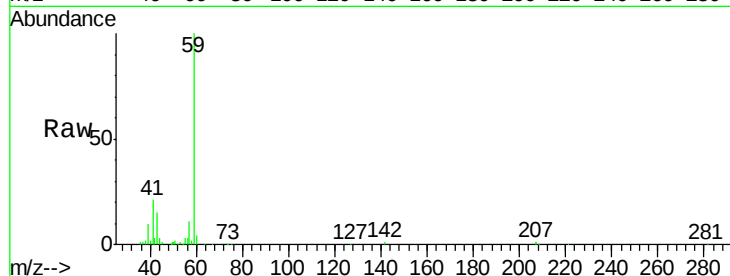
Tert butyl alcohol
Concen: 91.134 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.2	12.2

Manual Integrations
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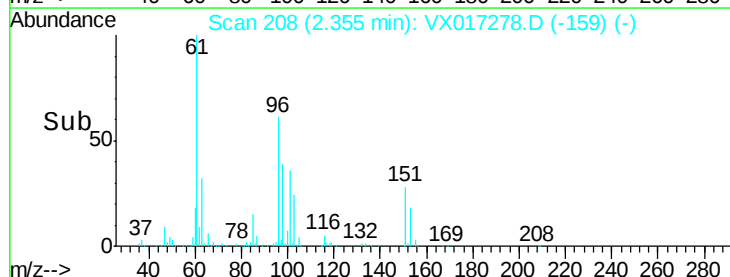
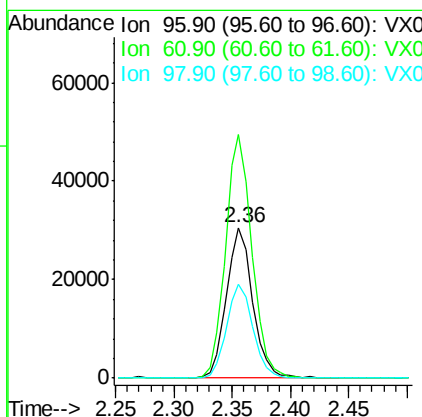
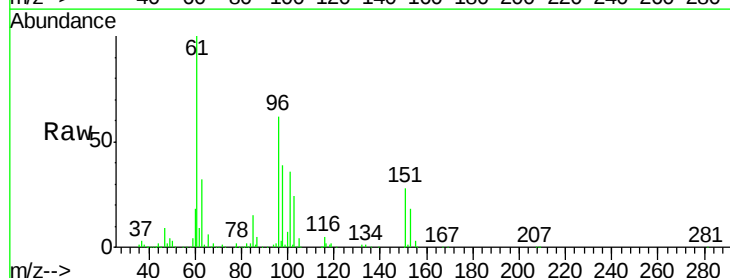
MMDadoda
7/9/2020 11:00:03 AM

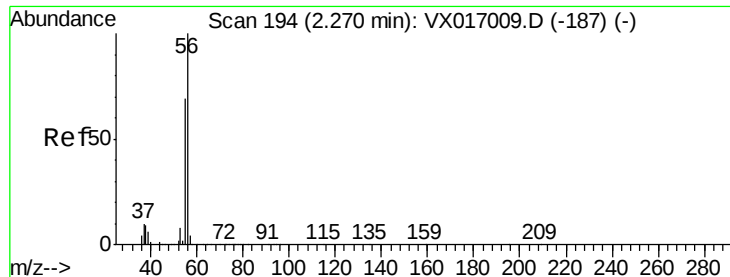


#12

1,1-Dichloroethene
Concen: 17.228 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	126.3	189.5
98	62.4	51.0	76.6





#13

Acrolein

Concen: 83.945 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 56 Resp: 33202

Ion Ratio Lower Upper

56 100

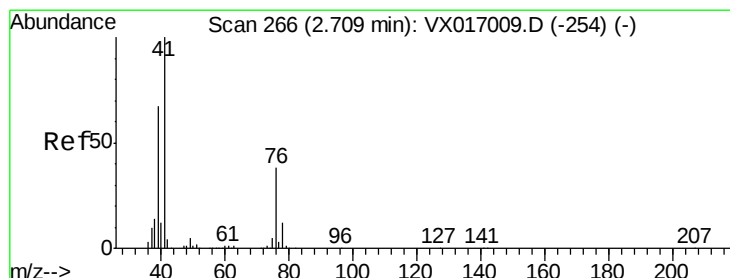
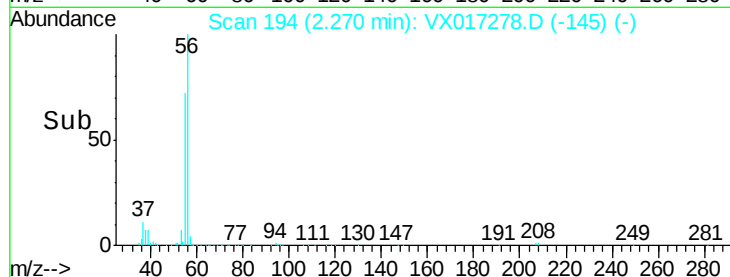
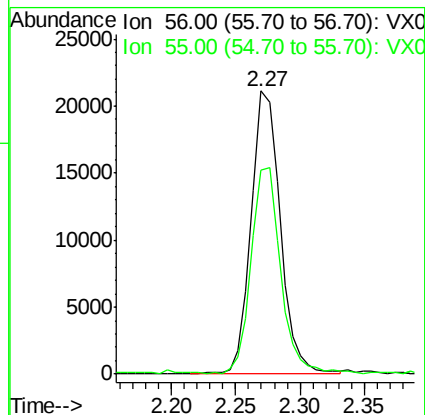
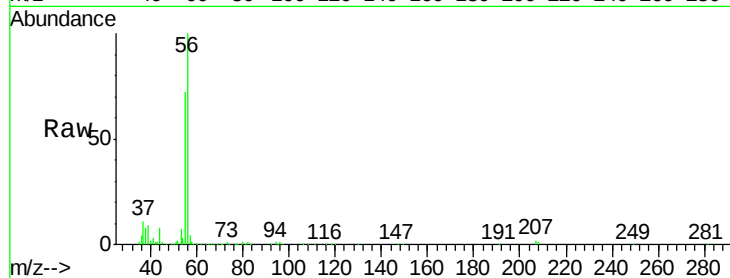
55 72.8 55.7 83.5

Manual Integrations

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MMDadoda

7/9/2020 11:00:03 AM



#14

Allyl chloride

Concen: 16.293 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

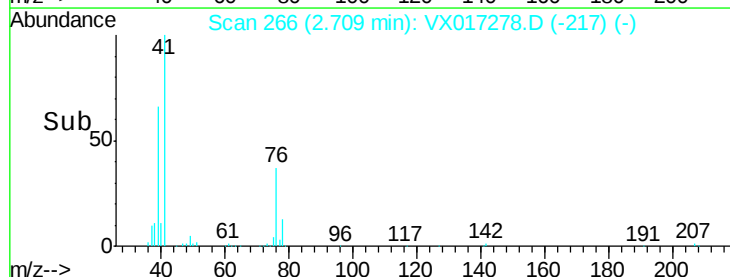
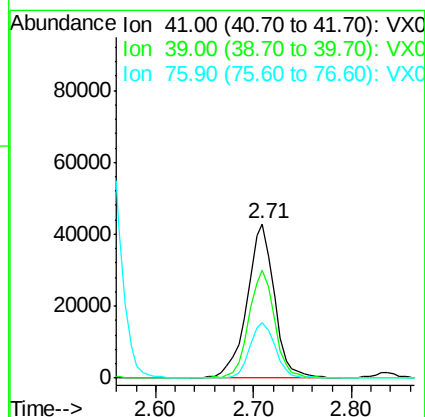
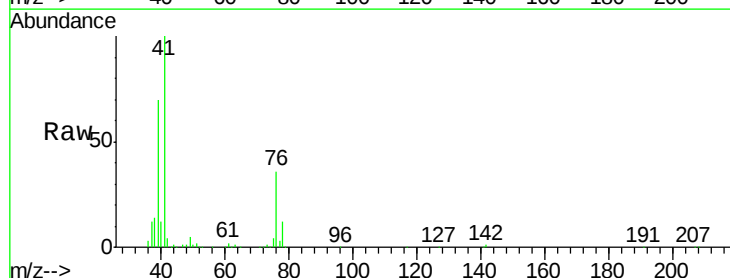
Tgt Ion: 41 Resp: 83811

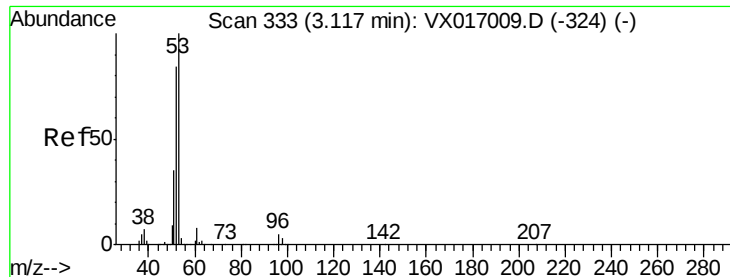
Ion Ratio Lower Upper

41 100

39 64.8 49.4 74.2

76 33.4 26.8 40.2





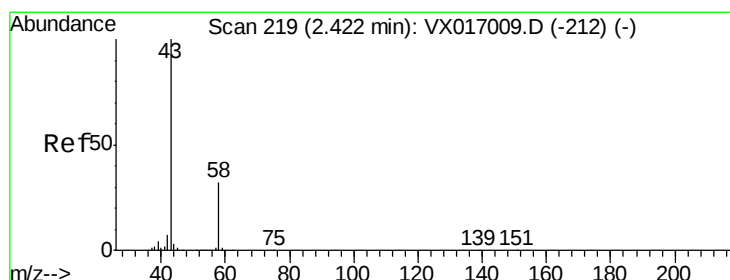
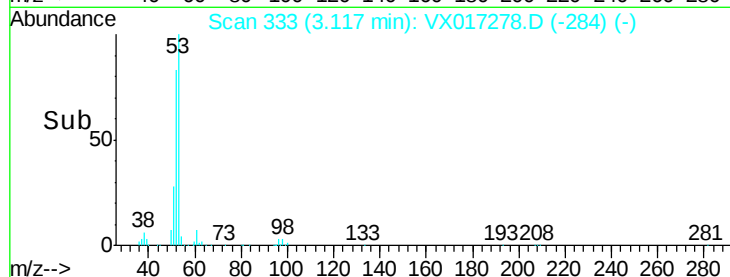
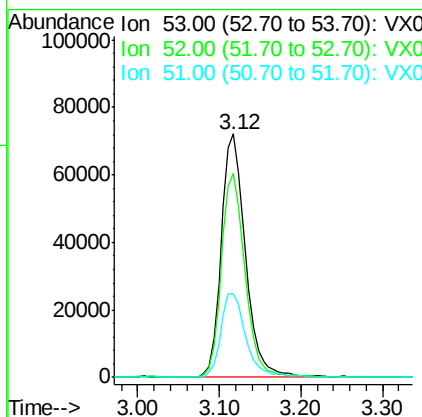
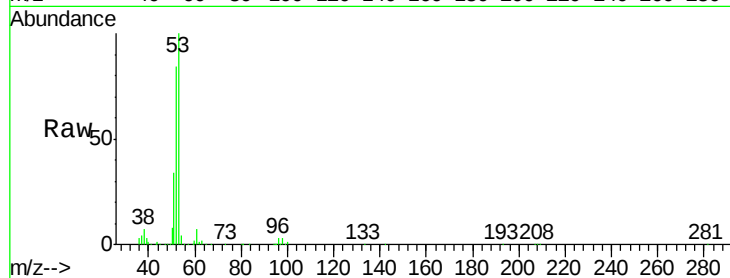
#15
 Acrylonitrile
 Concen: 93.210 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Tot Ion:	53	Resp:	148258
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.6	98.4
51	36.1	28.3	42.5

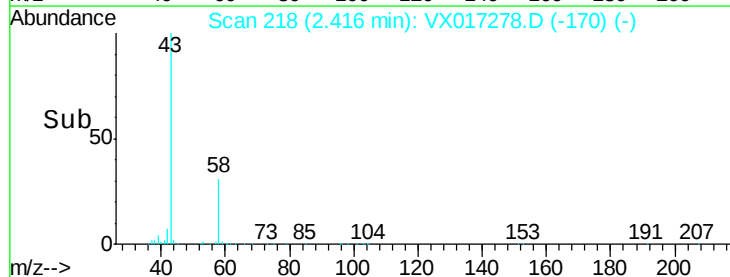
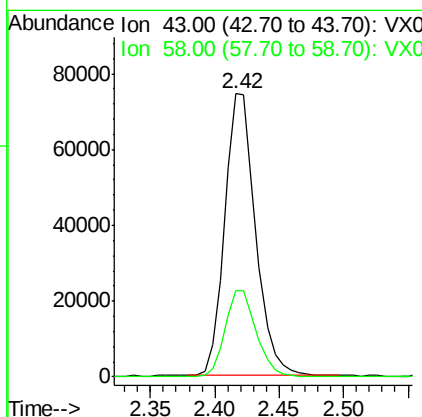
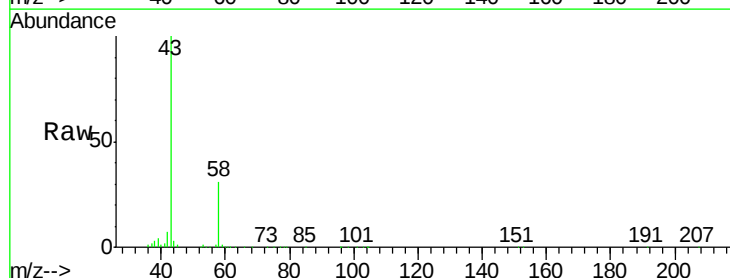
Manual Integrations
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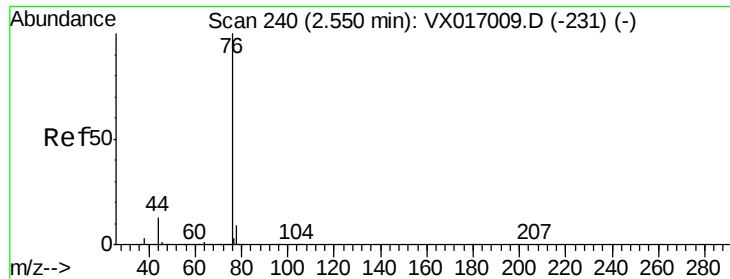
MMDadoda
 7/9/2020 11:00:03 AM



#16
 Acetone
 Concen: 96.249 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion:	43	Resp:	124879
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.7	38.5





#17

Carbon Disulfide

Concen: 16.210 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 76 Resp: 125786

Ion Ratio Lower Upper

76 100

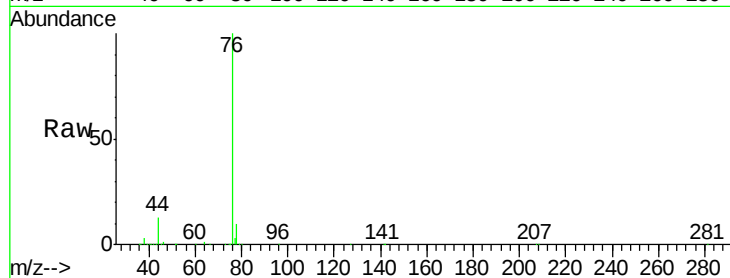
78 9.6 7.2 10.8

Manual Integrations

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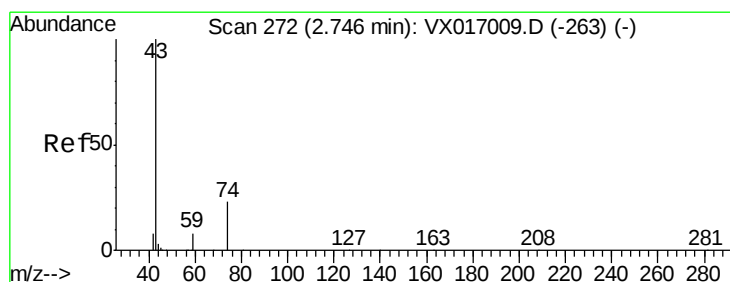
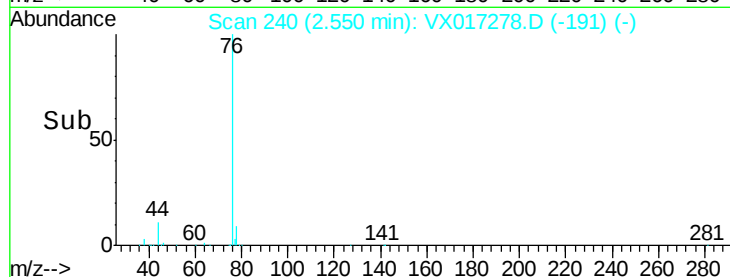
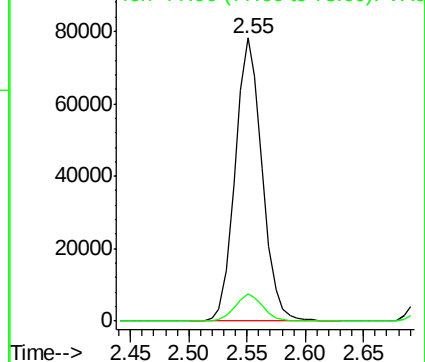
MMDadoda

7/9/2020 11:00:03 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.662 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017278.D

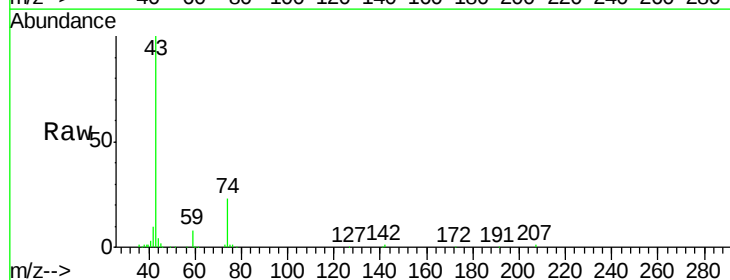
Acq: 09 Jul 2020 00:10

Tgt Ion: 43 Resp: 66595

Ion Ratio Lower Upper

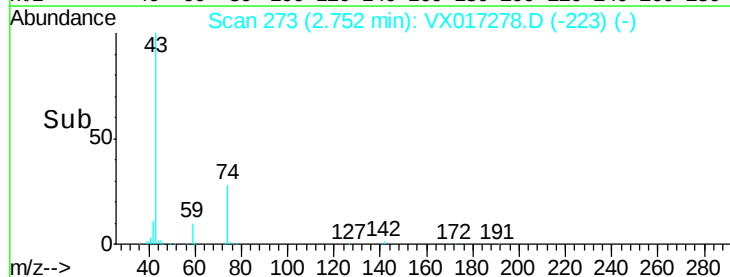
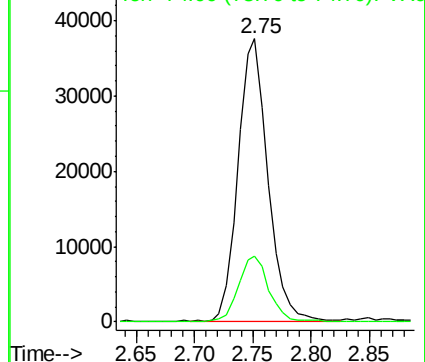
43 100

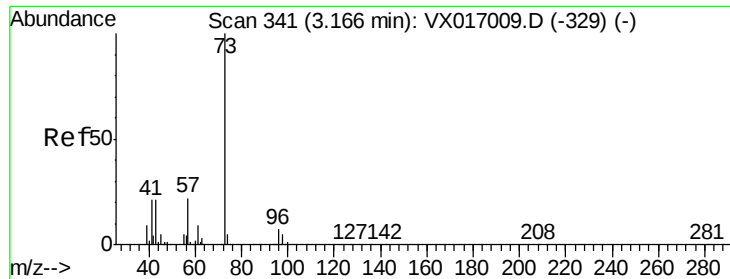
74 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





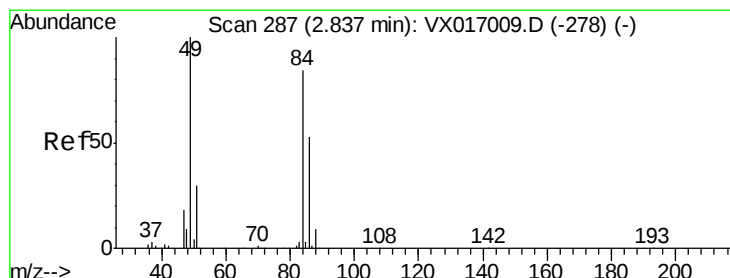
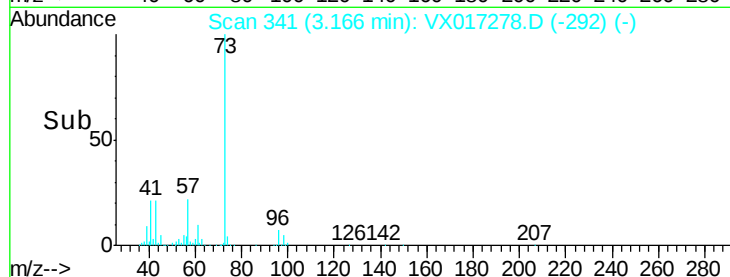
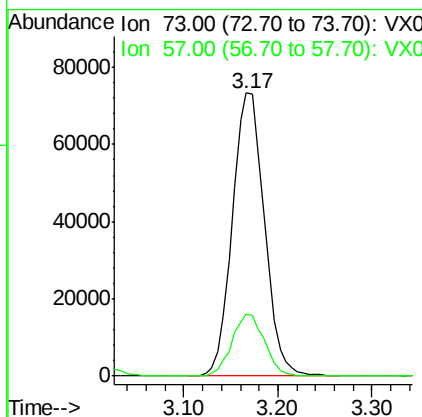
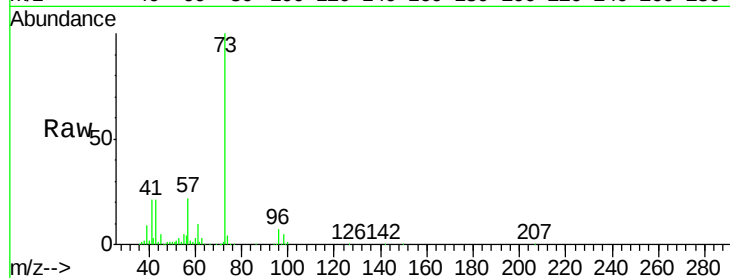
#19
Methyl tert-butyl Ether
Concen: 18.684 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4

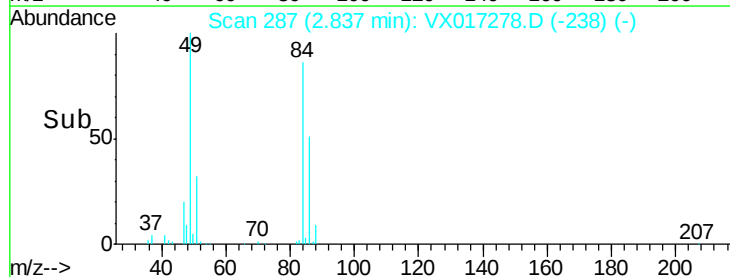
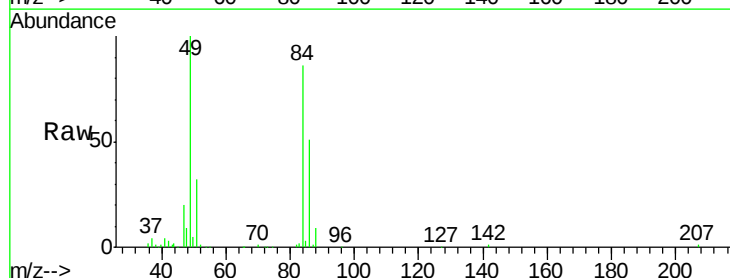
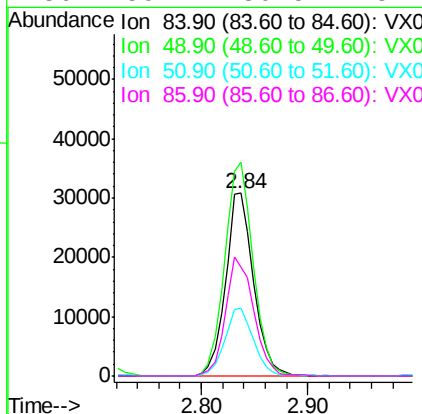
Manual Integrations
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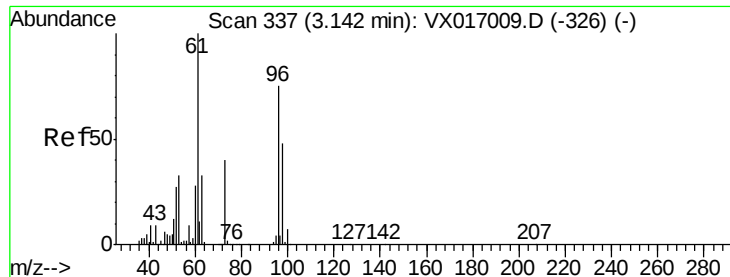
MMDadoda
7/9/2020 11:00:03 AM



#20
Methylene Chloride
Concen: 18.574 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	94.7	142.1
51	37.4	28.6	42.8
86	59.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.263 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

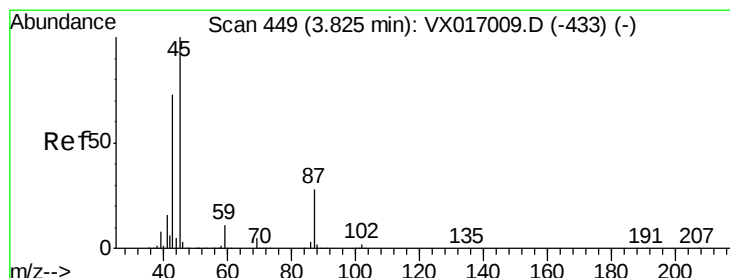
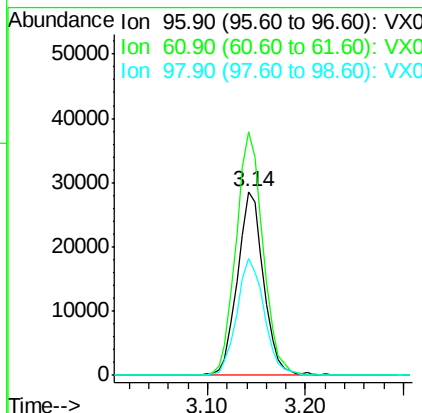
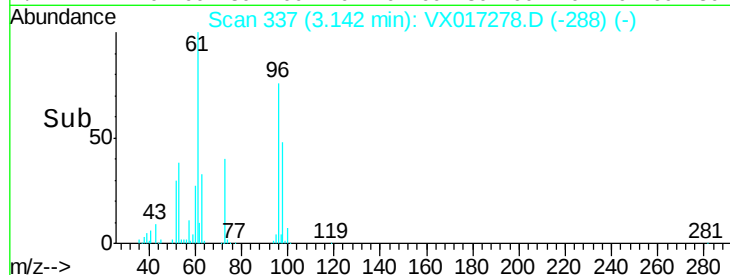
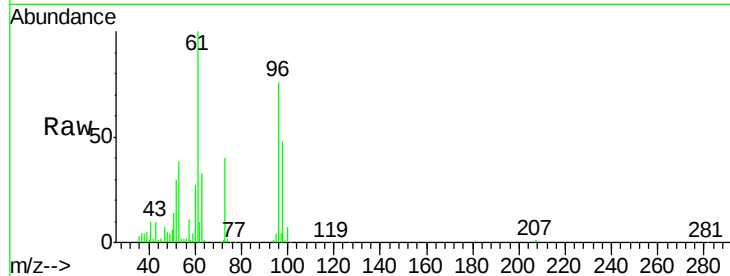
ClientSampleId :

VX0708WBS03

Tot Ion:	96	Resp:	53324
Ion	Ratio	Lower	Upper
96	100		
61	132.3	107.0	160.6
98	63.4	51.6	77.4

Manual Integrations
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MMDadoda
7/9/2020 11:00:03 AM



#22

Diisopropyl ether

Concen: 18.442 ug/l

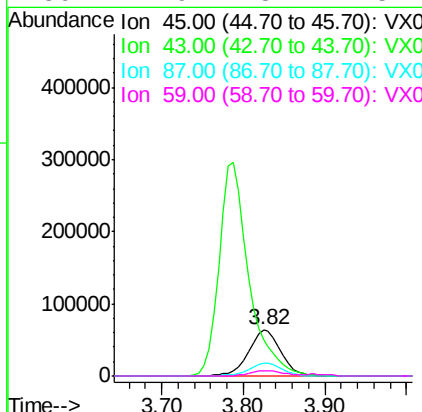
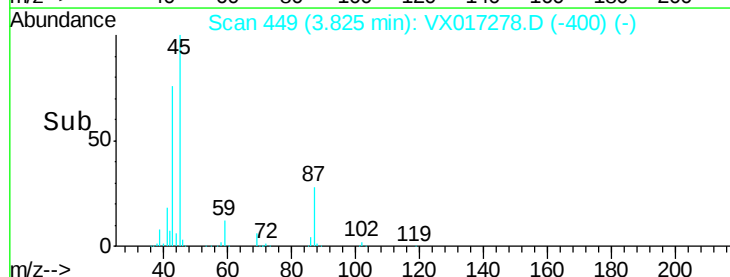
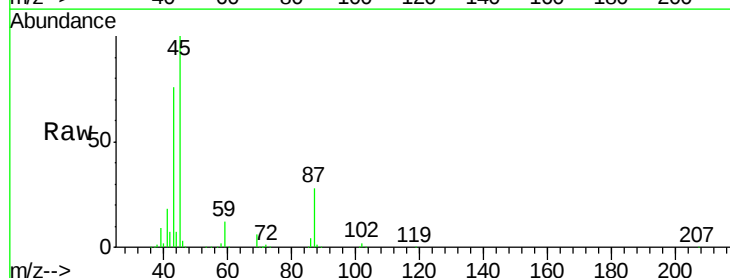
RT: 3.82 min Scan# 449

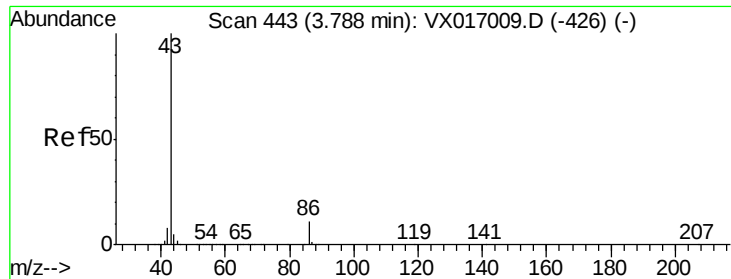
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	45	Resp:	175580
Ion	Ratio	Lower	Upper
45	100		
43	75.5	58.6	88.0
87	28.4	22.6	34.0
59	11.9	8.7	13.1





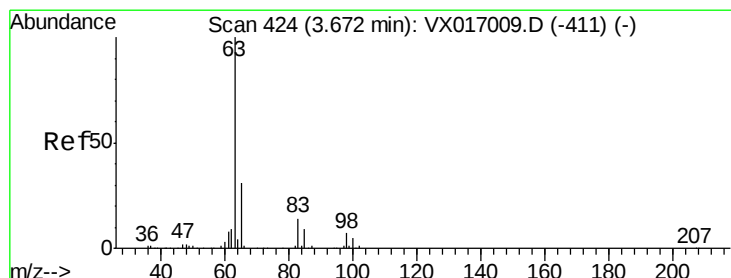
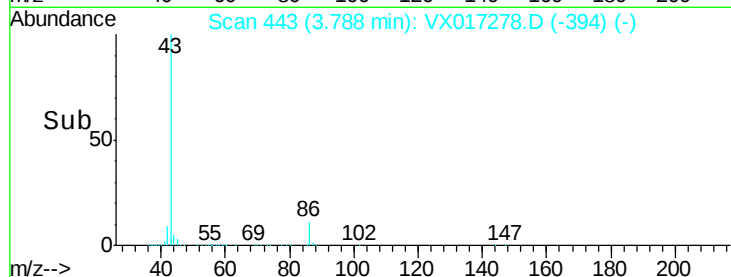
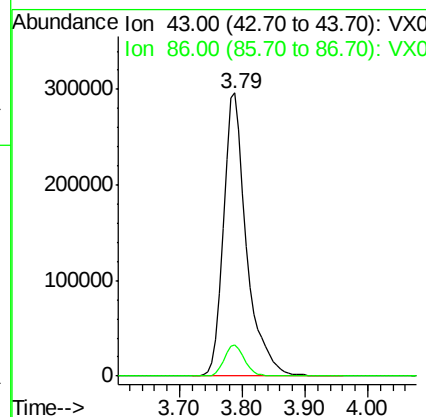
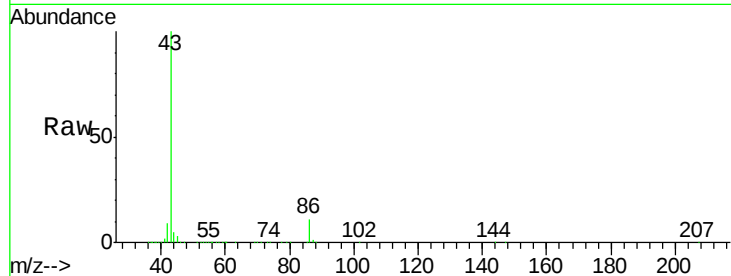
#23
 Vinyl Acetate
 Concen: 91.855 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Tot Ion: 43 Resp: 751481
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0

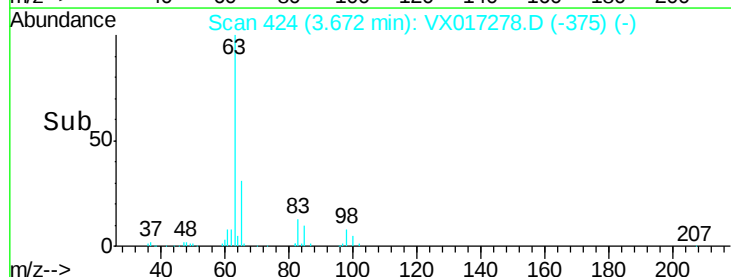
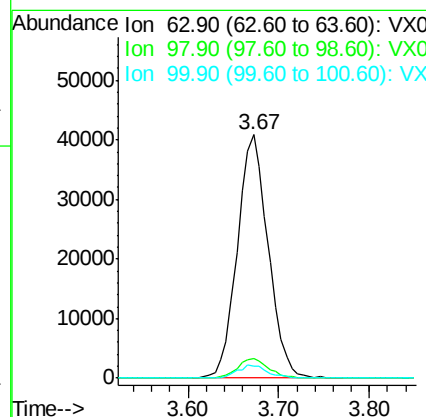
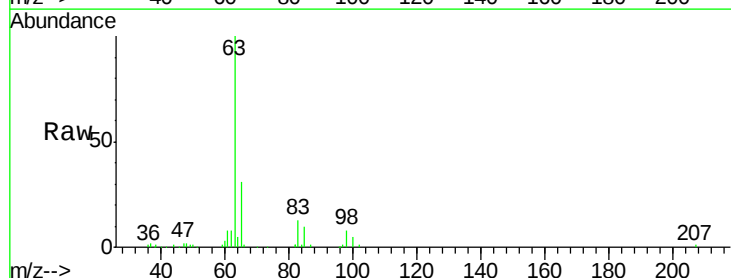
Manual Integrations
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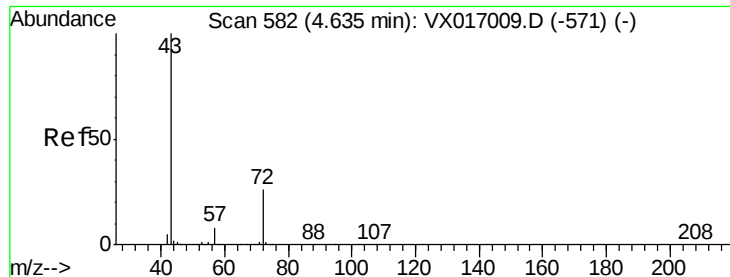
MMDadoda
 7/9/2020 11:00:03 AM



#24
 1,1-Dichloroethane
 Concen: 17.775 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion: 63 Resp: 96292
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 92.954 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 43 Resp: 200958

Ion Ratio Lower Upper

43 100

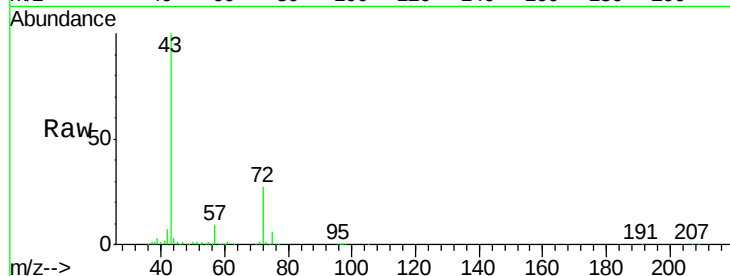
72 26.7 20.8 31.2

Manual Integrations

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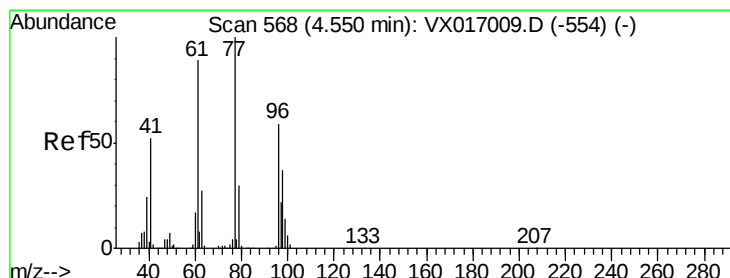
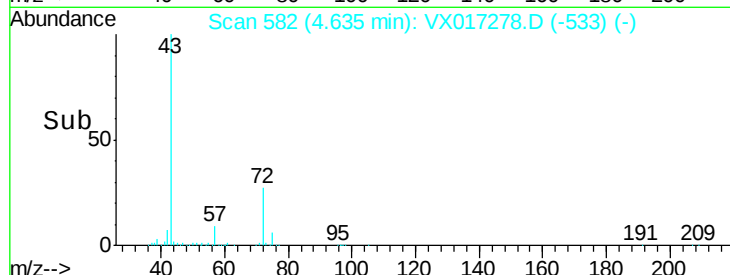
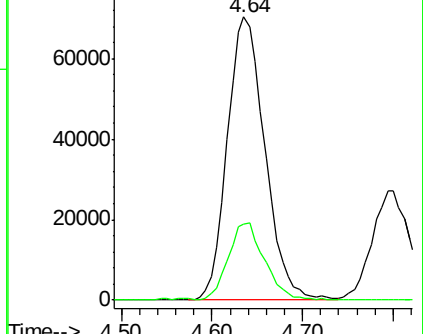
MMDadoda

7/9/2020 11:00:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.955 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017278.D

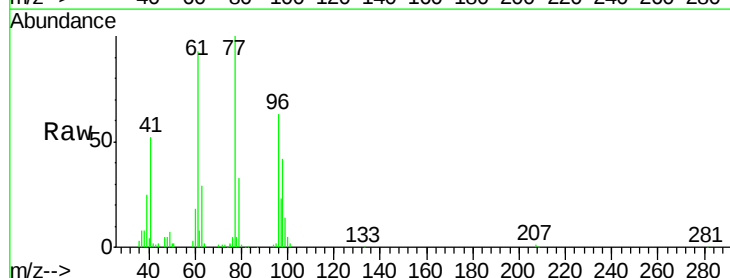
Acq: 09 Jul 2020 00:10

Tgt Ion: 77 Resp: 71931

Ion Ratio Lower Upper

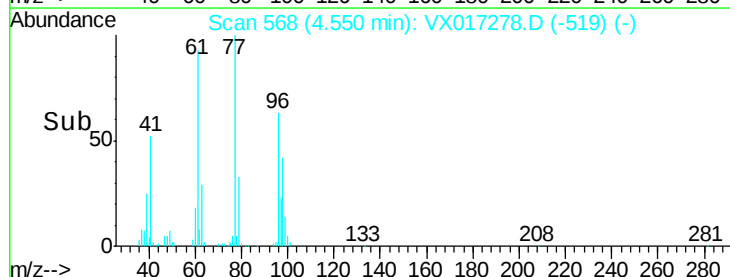
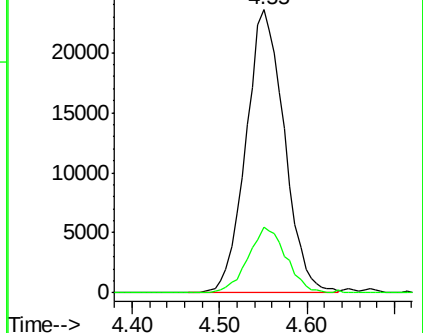
77 100

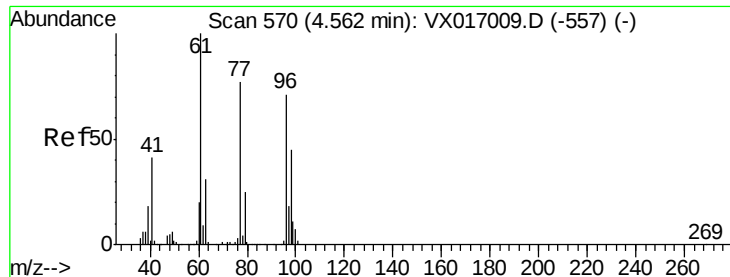
97 23.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

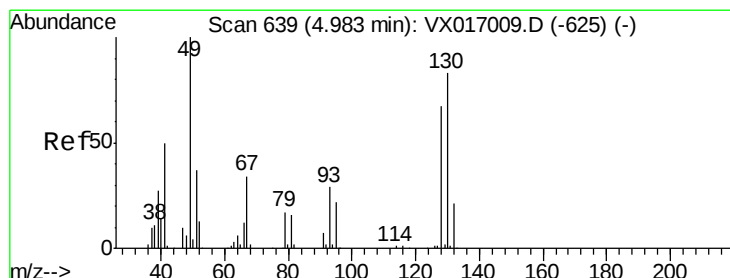
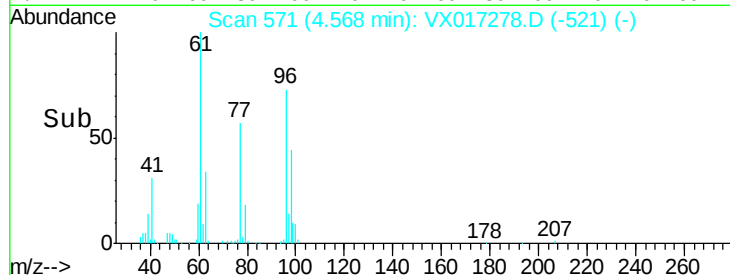
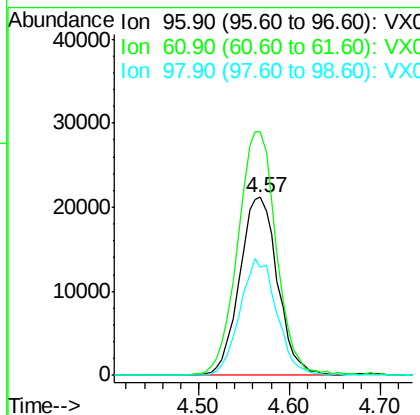
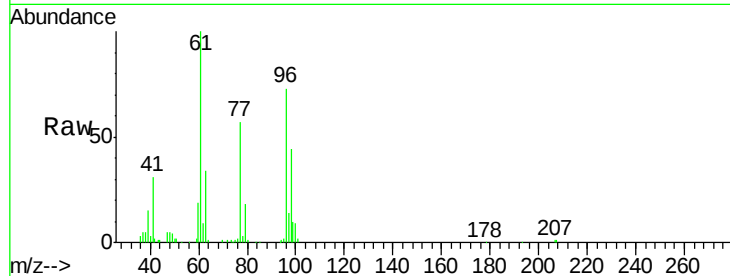
cis-1,2-Dichloroethene
Concen: 17.635 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61720		
61	139.1	0.0	282.8	
98	63.3	0.0	127.6	

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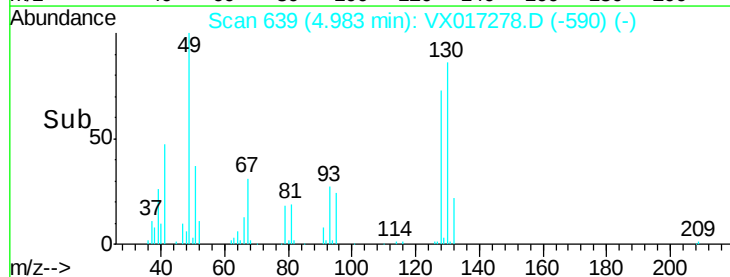
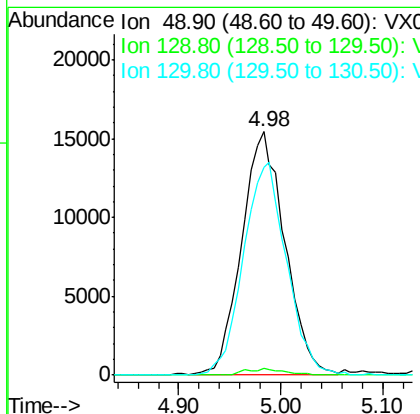
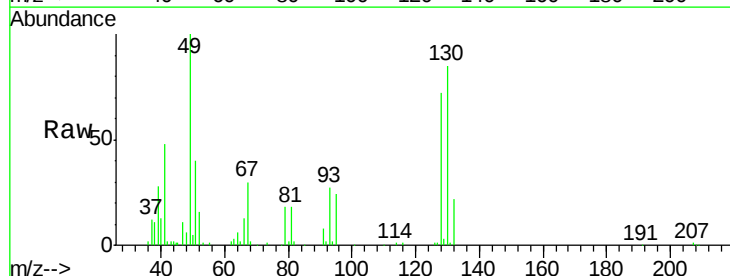
MMDadoda
7/9/2020 11:00:03 AM

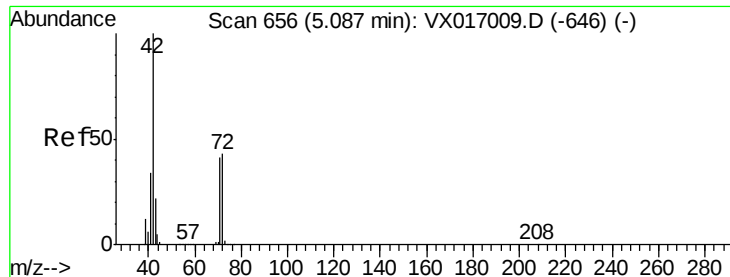


#28

Bromochloromethane
Concen: 17.256 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45490		
129	2.4	0.0	4.2	
130	87.2	66.6	100.0	





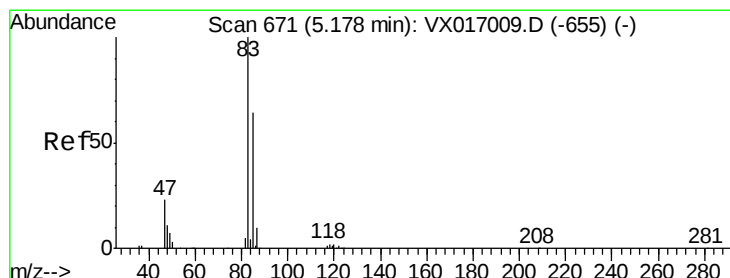
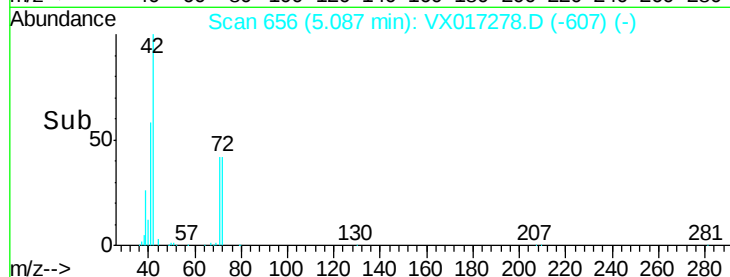
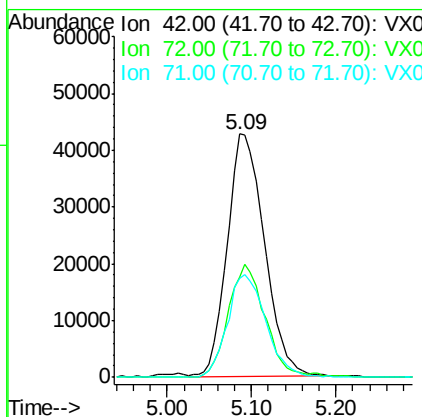
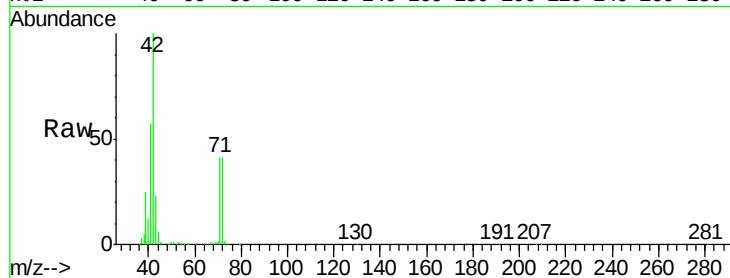
#29
Tetrahydrofuran
Concen: 89.774 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.3	52.9
71	43.7	33.1	49.7

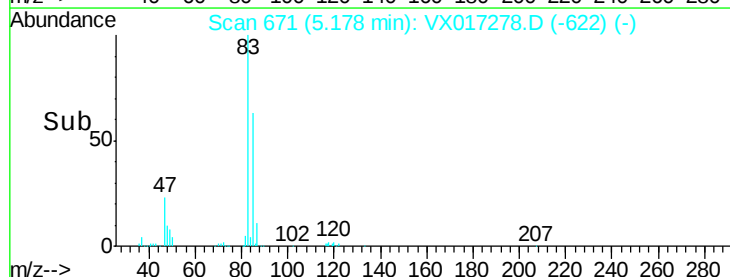
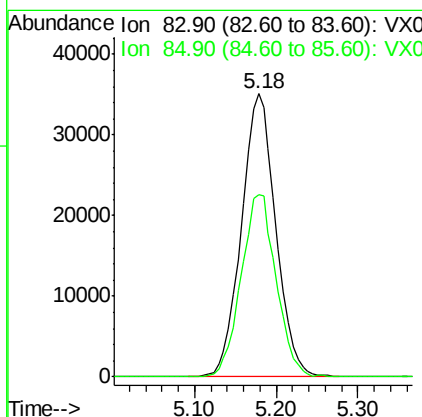
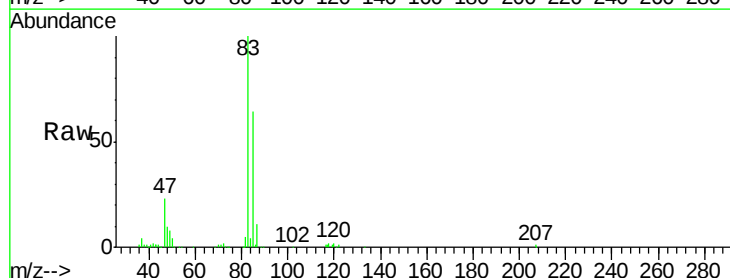
Manual Integrations
APPROVED

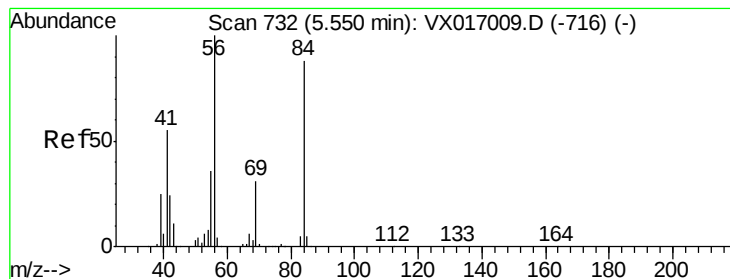
MMDadoda
7/9/2020 11:00:03 AM



#30
Chloroform
Concen: 18.510 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2





#31

Cvclohexane

Concen: 16.625 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

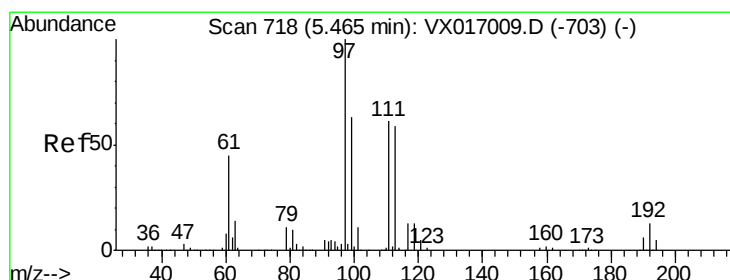
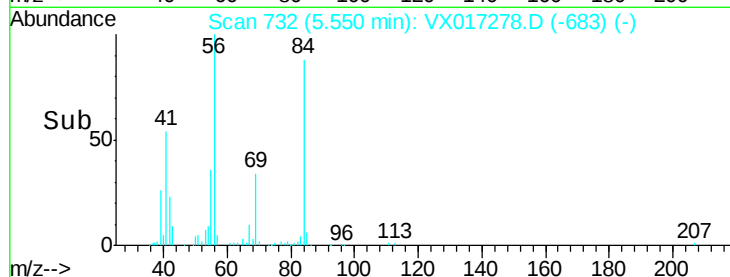
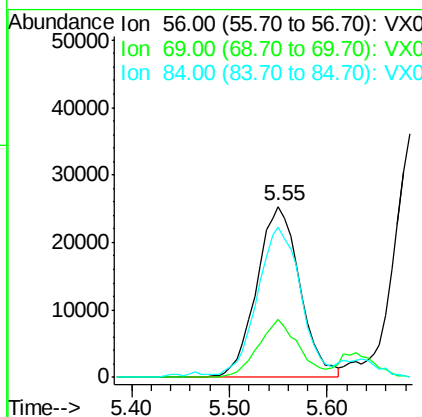
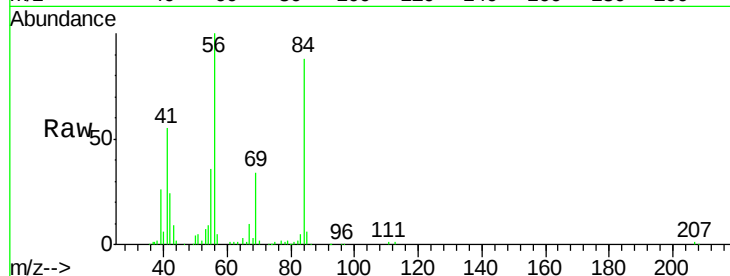
ClientSampleId :

VX0708WBS03

Tot Ion:	56	Resp:	77847
Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.0	37.4
84	85.5	69.1	103.7

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#32

1,1,1-Trichloroethane

Concen: 18.649 ug/l

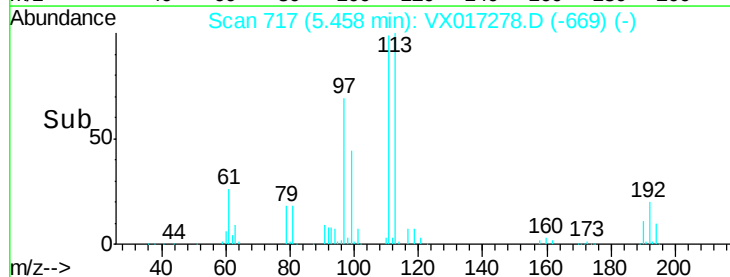
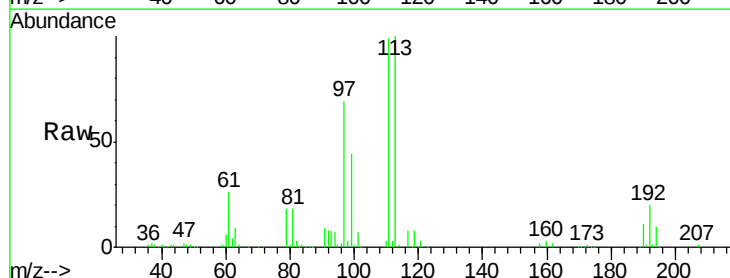
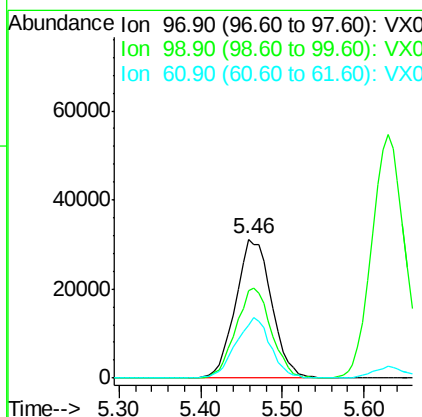
RT: 5.46 min Scan# 717

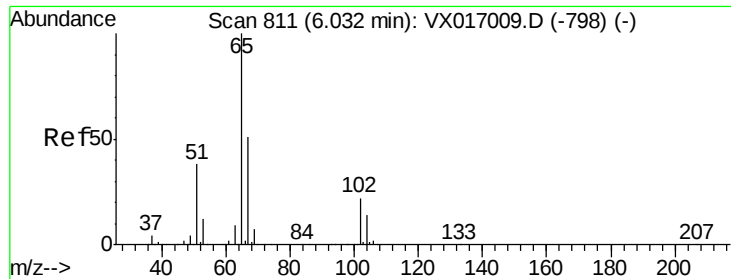
Delta R.T. -0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	97	Resp:	95378
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	42.1	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.965 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 65 Resp: 173295

Ion Ratio Lower Upper

65 100

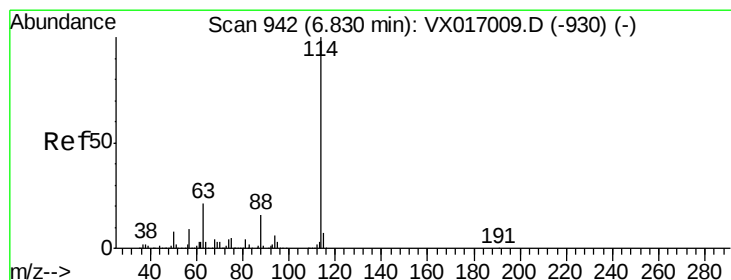
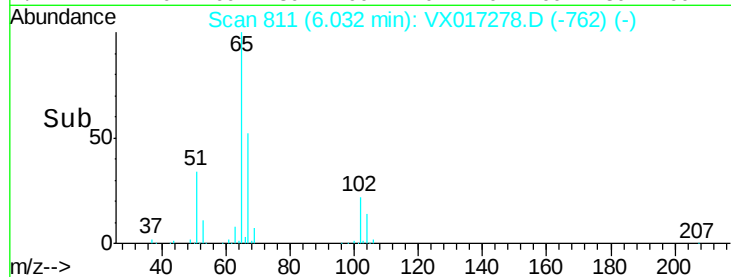
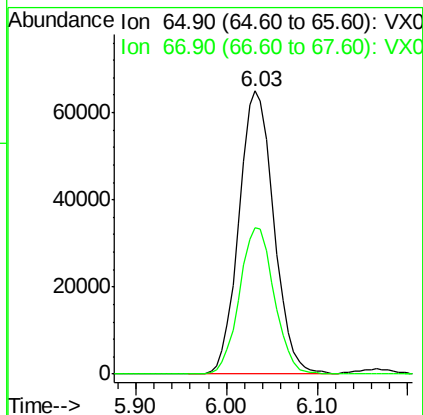
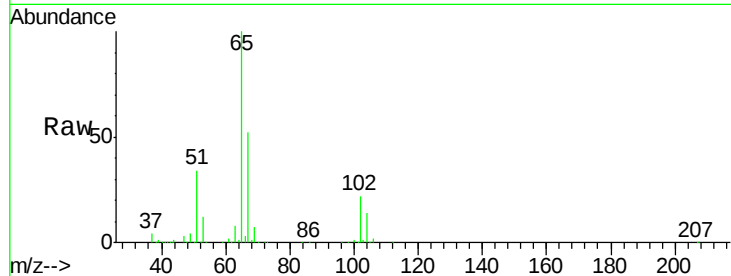
67 51.5 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

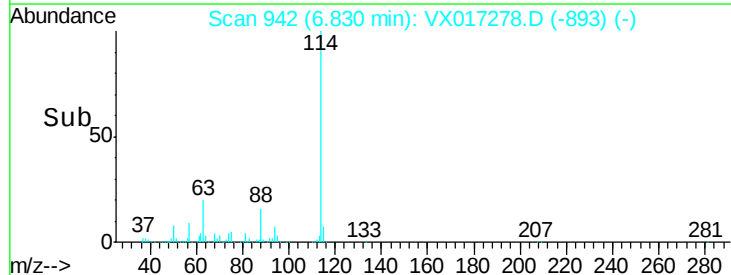
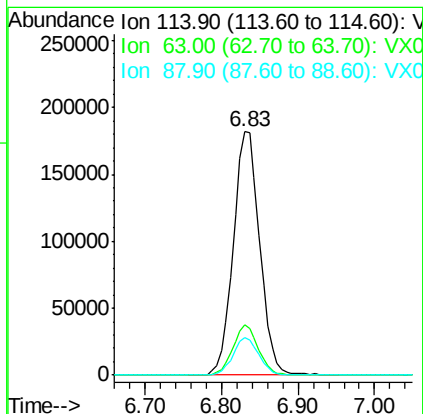
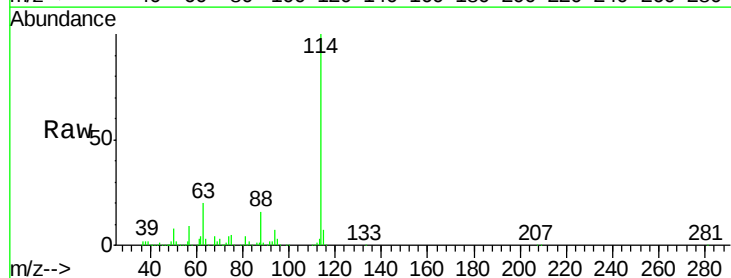
Tgt Ion: 114 Resp: 432911

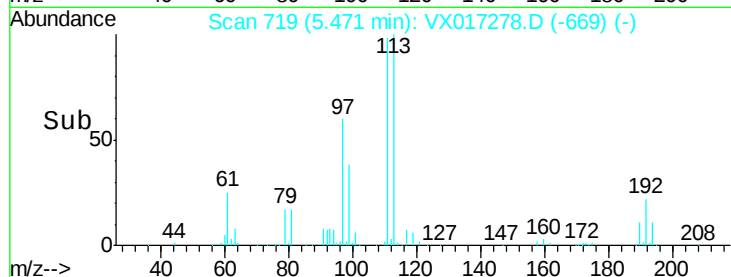
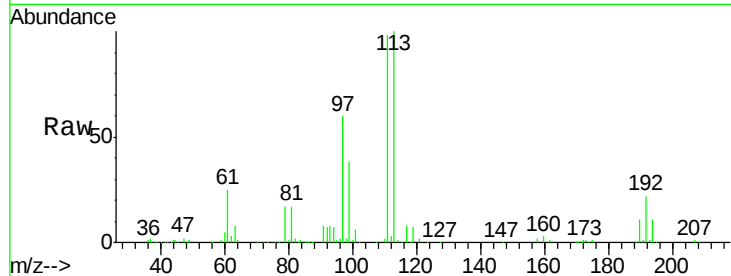
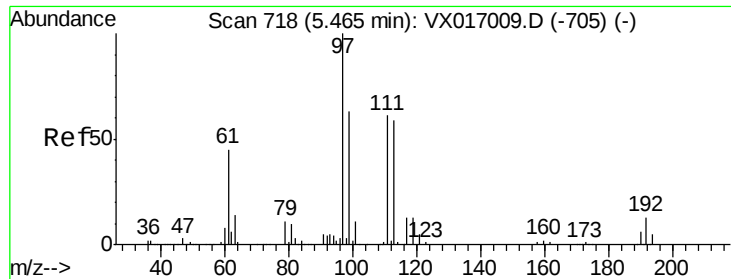
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.5 0.0 32.4





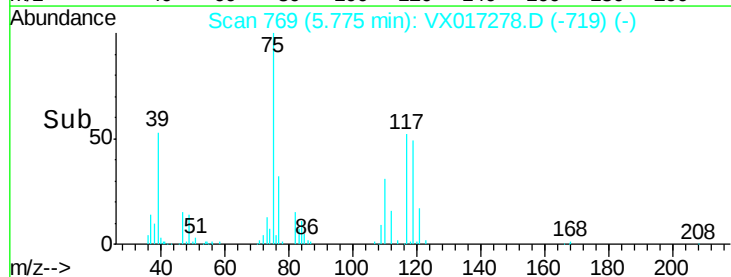
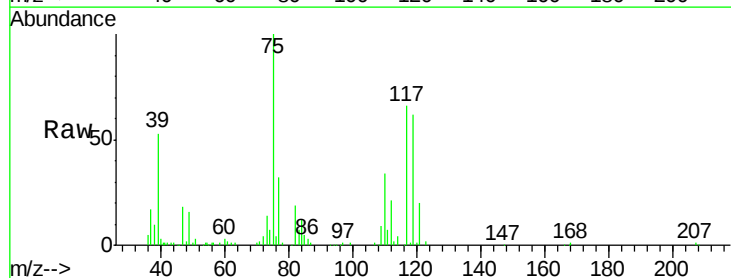
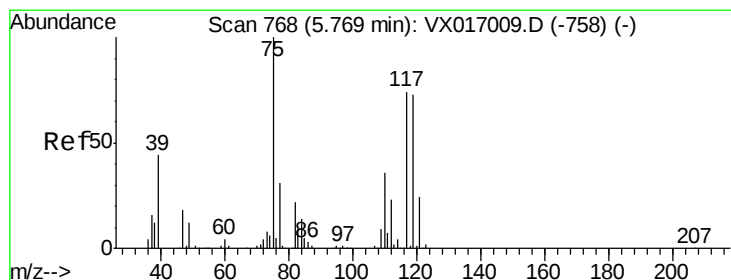
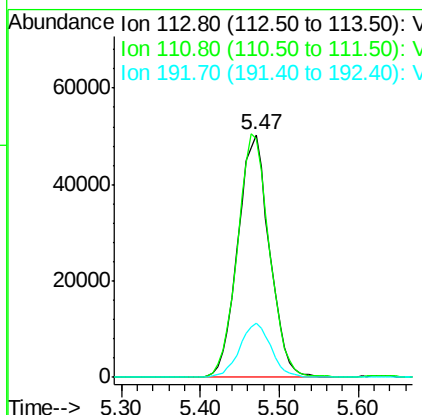
#35
Dibromofluoromethane
Concen: 51.365 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140661		
111	101.5	81.9	122.9	
192	22.2	16.7	25.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

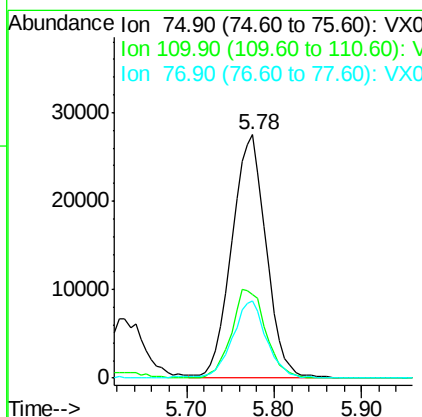
Manual Integrations
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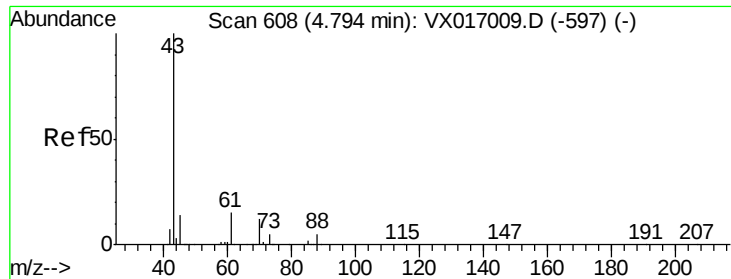
MMDadoda
7/9/2020 11:00:03 AM



#36
1,1-Dichloropropene
Concen: 18.380 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75202		
110	36.4	18.1	54.1	
77	30.6	24.6	37.0	





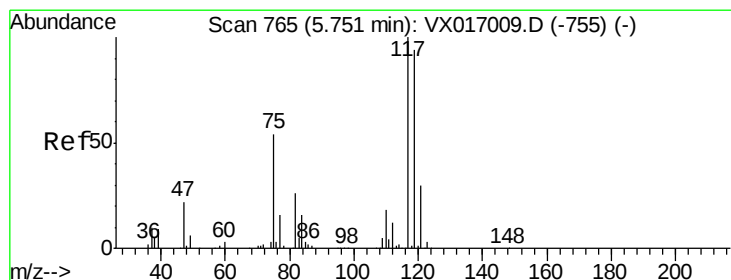
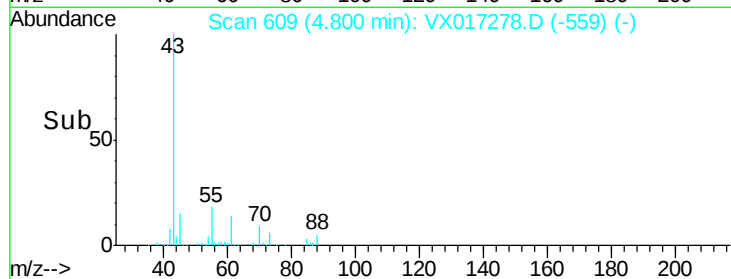
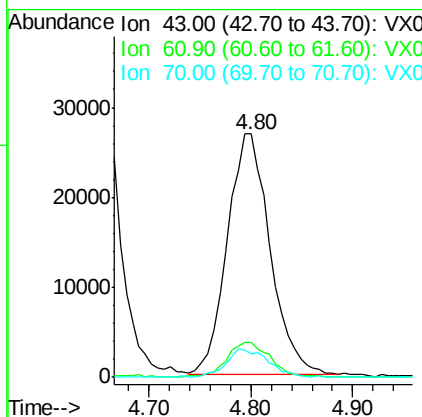
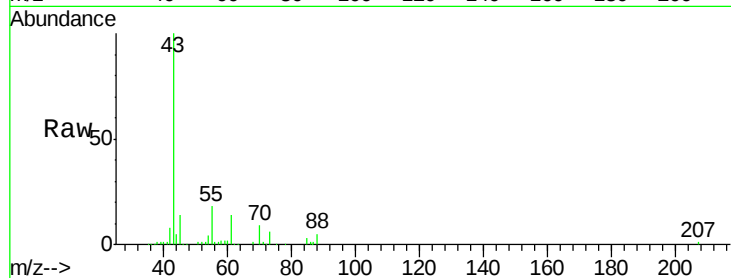
#37
Ethyl Acetate
Concen: 18.792 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.4
70	11.8	8.9	13.3

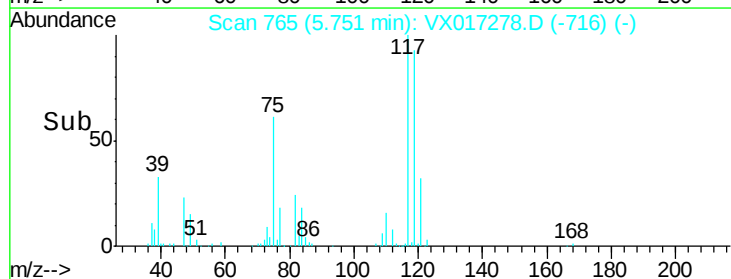
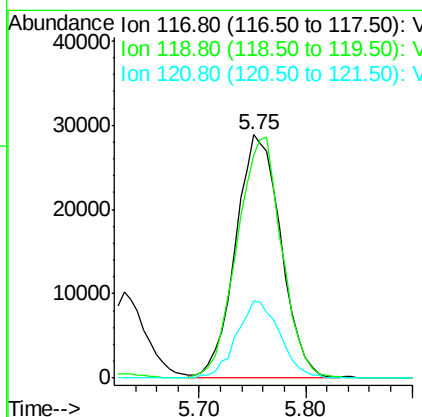
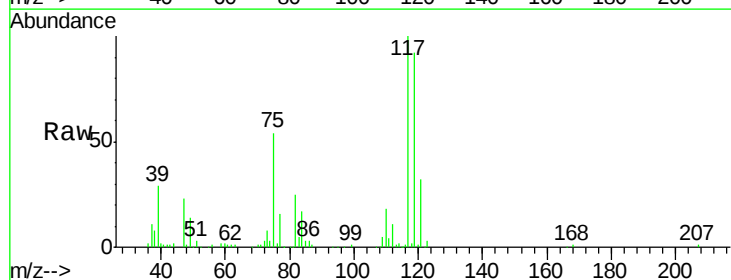
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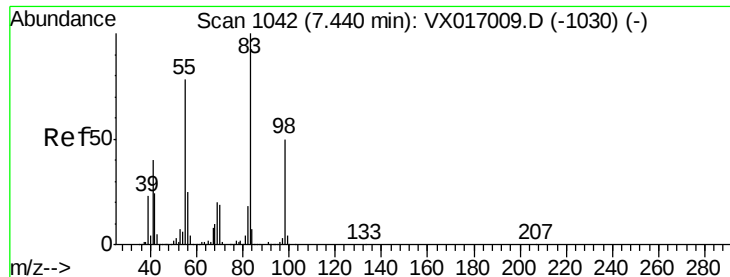
MMDadoda
7/9/2020 11:00:03 AM



#38
Carbon Tetrachloride
Concen: 19.018 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.4	113.0
121	31.6	23.8	35.6





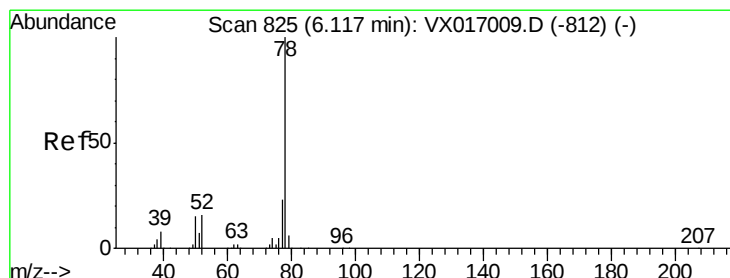
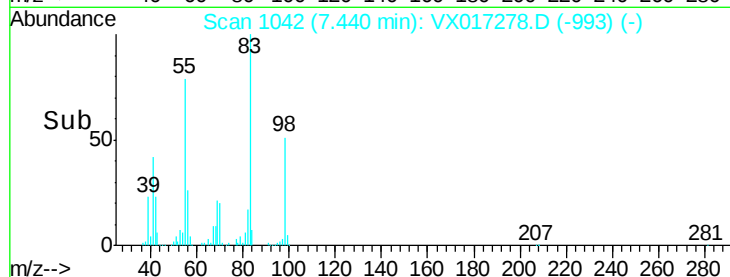
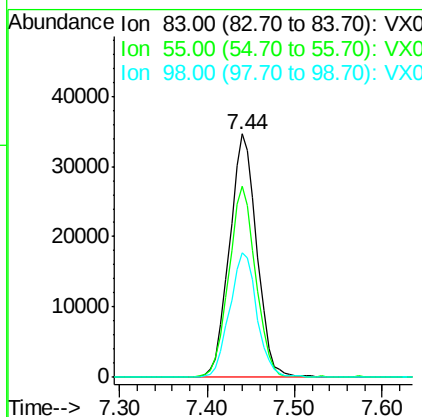
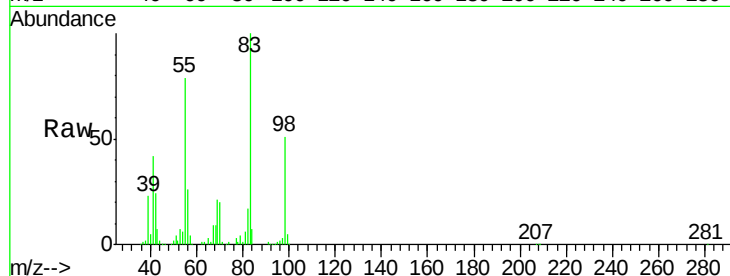
#39
Methvlcvclohexane
Concen: 16.546 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.5	93.7
98	51.4	40.1	60.1

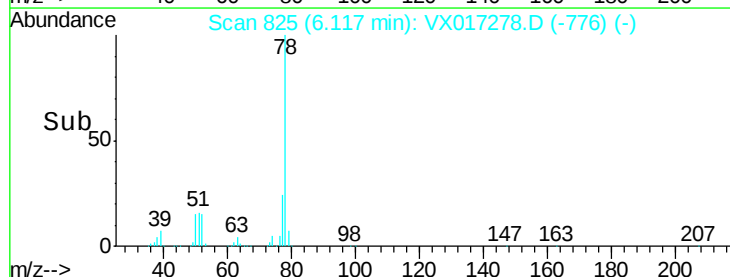
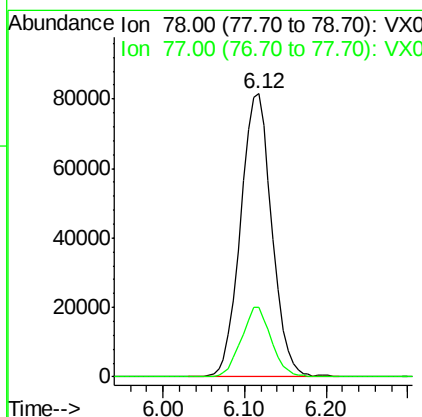
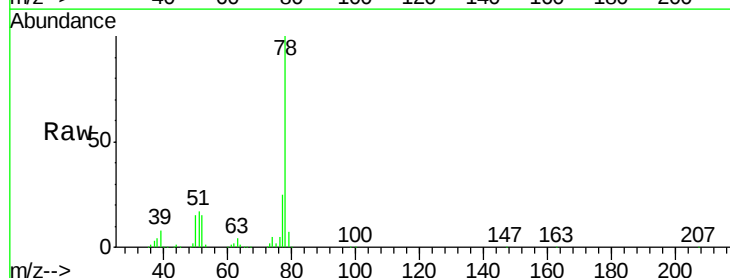
Manual Integrations
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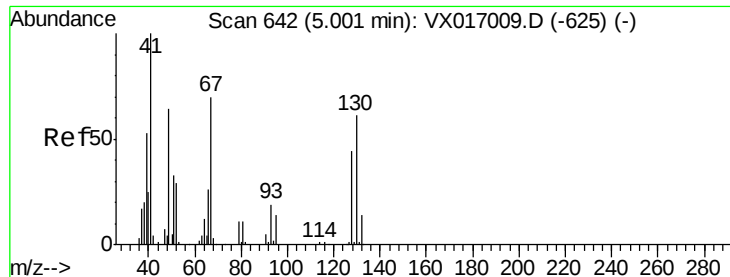
MMDadoda
7/9/2020 11:00:03 AM



#40
Benzene
Concen: 18.046 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.3	27.5





#41

Methacrylonitrile

Concen: 19.623 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 41 Resp: 45848

Ion Ratio Lower Upper

41 100

39 51.4 44.4 66.6

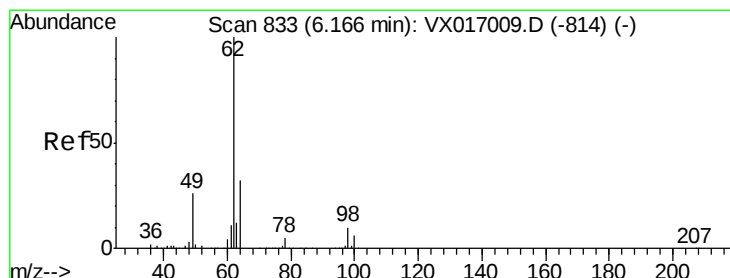
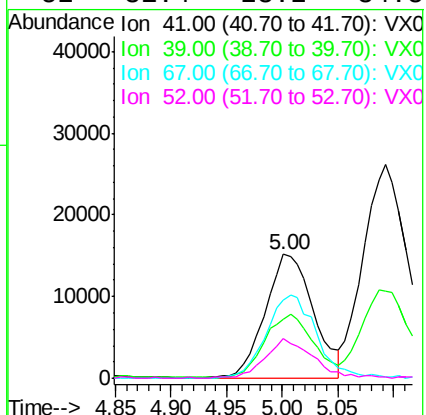
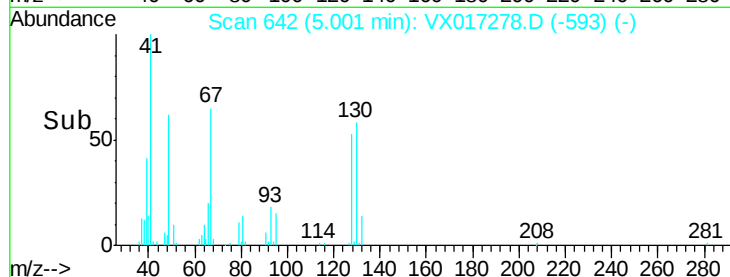
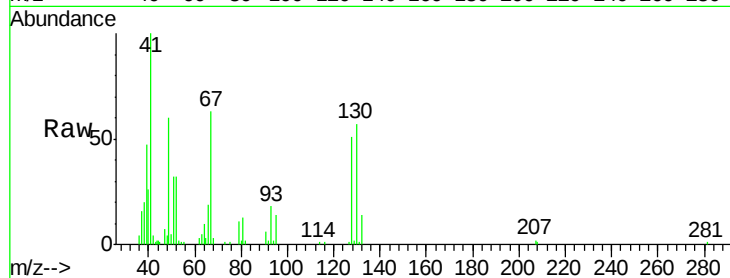
67 70.1 57.1 85.7

52 31.4 23.2 34.8

Manual Integrations
APPROVED

MMDadoda

7/9/2020 11:00:03 AM



#42

1,2-Dichloroethane

Concen: 19.614 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017278.D

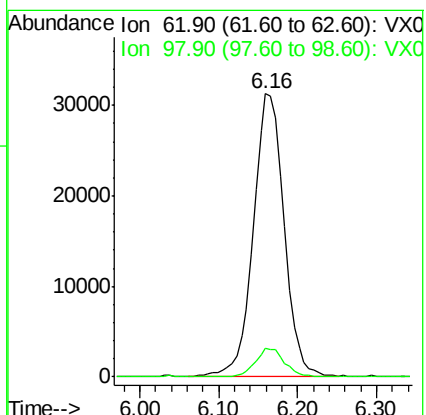
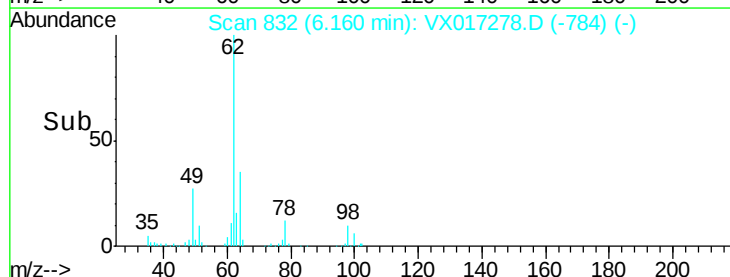
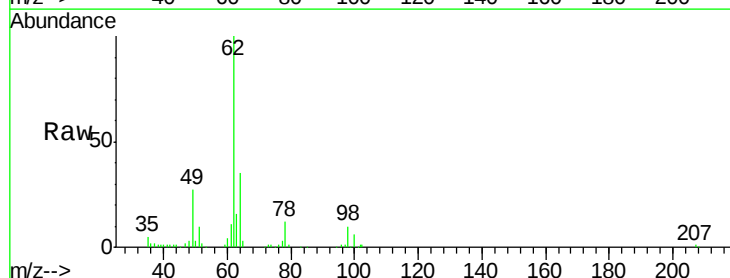
Acq: 09 Jul 2020 00:10

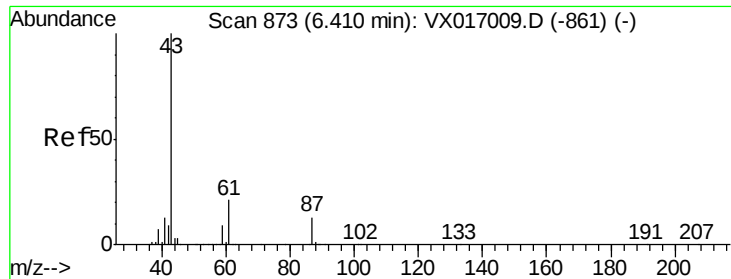
Tgt Ion: 62 Resp: 85168

Ion Ratio Lower Upper

62 100

98 9.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 18.318 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

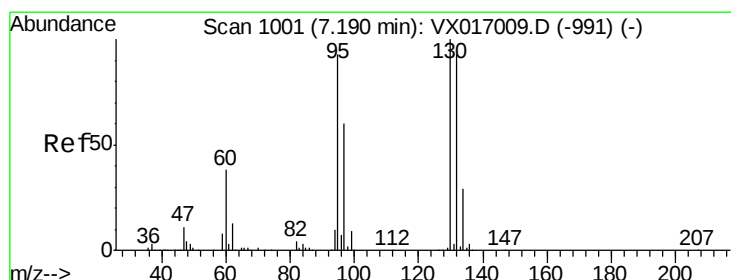
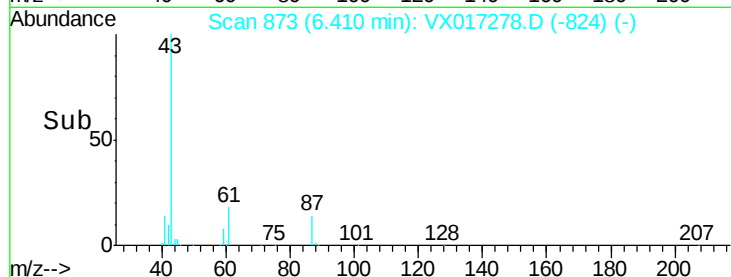
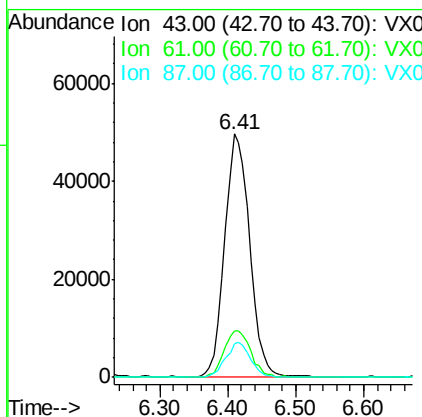
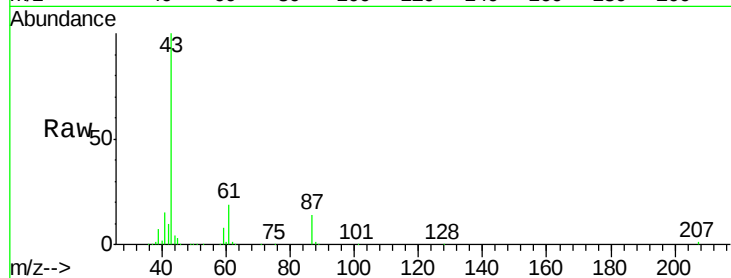
ClientSampleId :

VX0708WBS03

Tot Ion:	43	Resp:	126361
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.2
87	14.1	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 19.458 ug/l

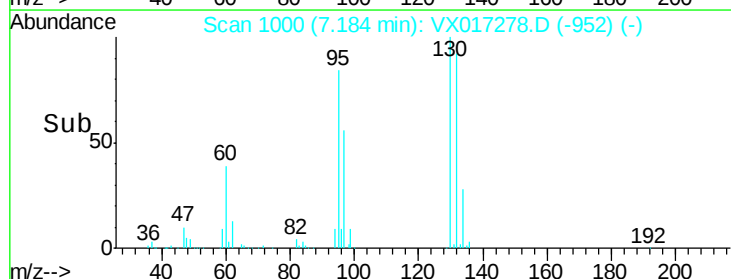
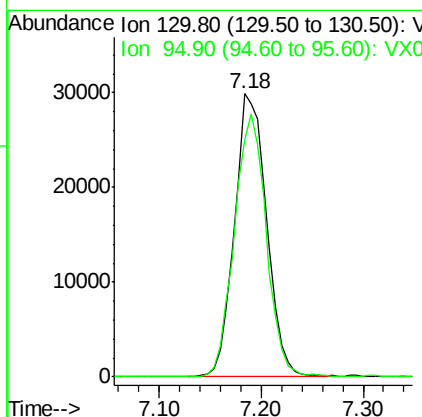
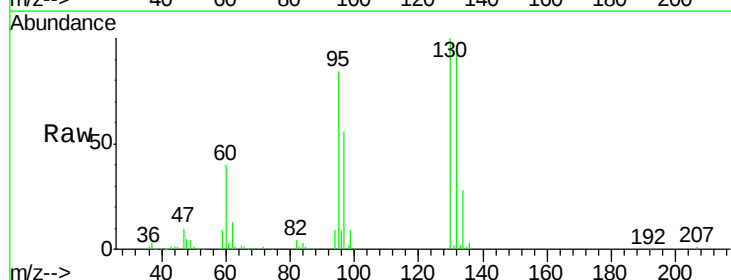
RT: 7.18 min Scan# 1000

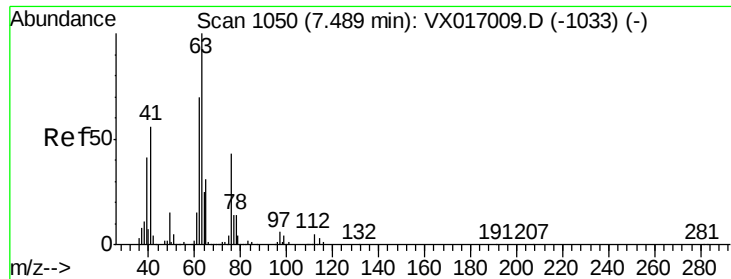
Delta R.T. -0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	130	Resp:	65177
Ion	Ratio	Lower	Upper
130	100		
95	84.0	0.0	185.0





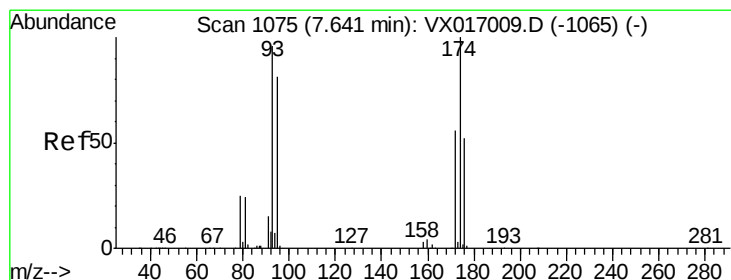
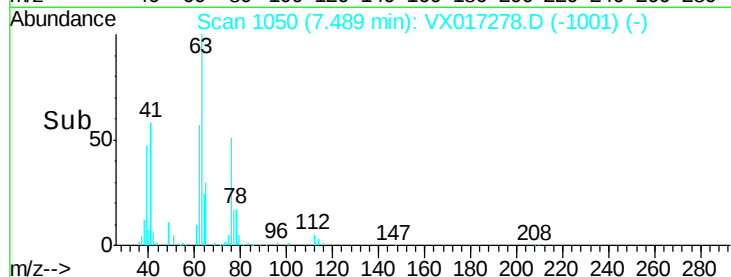
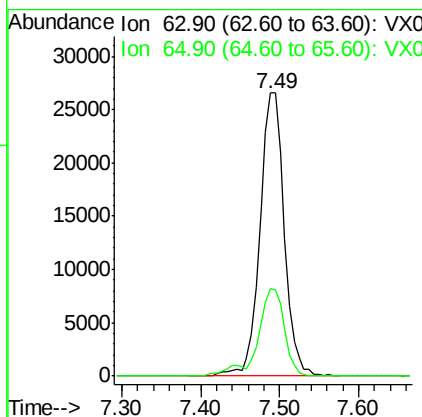
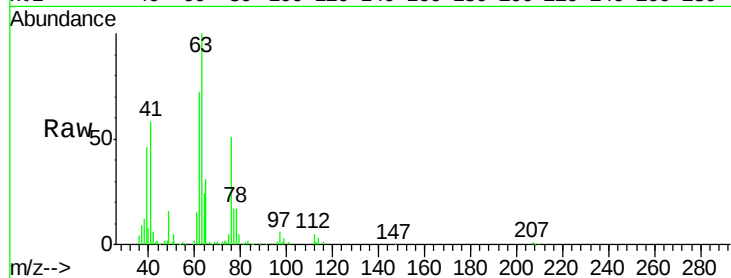
#45
 1,2-Dichloropropane
 Concen: 18.467 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

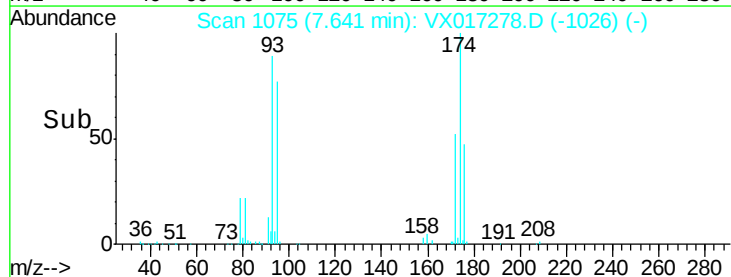
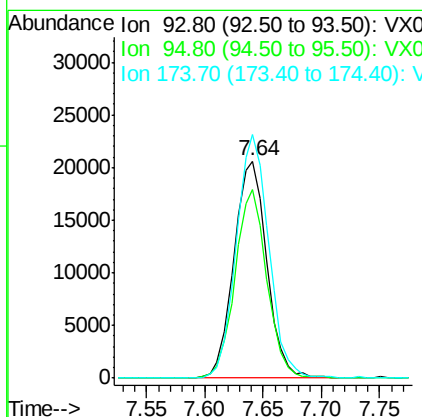
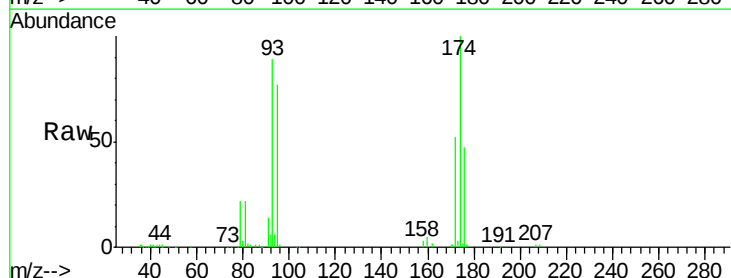
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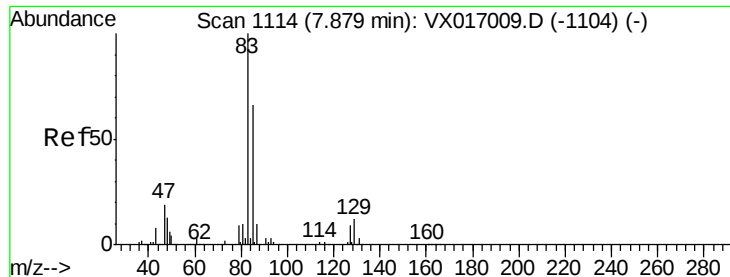
MMDadoda
 7/9/2020 11:00:03 AM



#46
 Dibromomethane
 Concen: 19.280 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.4	101.0
174	110.7	84.3	126.5





#47

Bromodichloromethane

Concen: 19.322 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

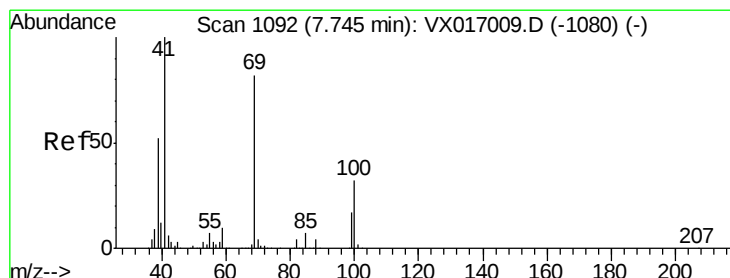
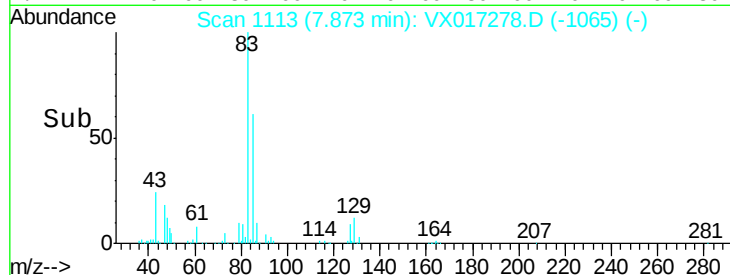
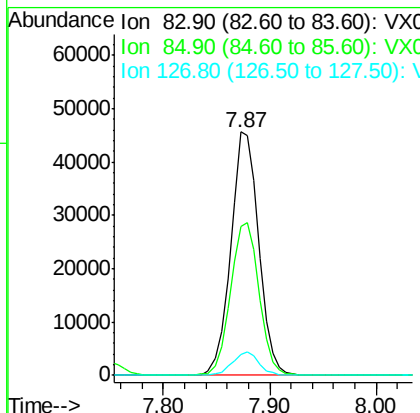
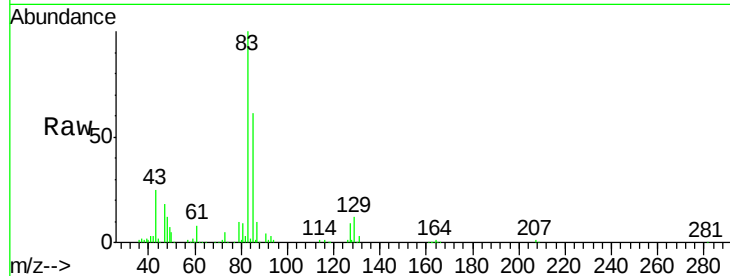
ClientSampleId :

VX0708WBS03

Tot Ion:	83	Resp:	83937
Ion	Ratio	Lower	Upper
83	100		
85	61.4	53.0	79.4
127	8.7	7.5	11.3

Manual Integrations
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7/9/2020 11:00:03 AM



#48

Methyl methacrylate

Concen: 18.744 ug/l

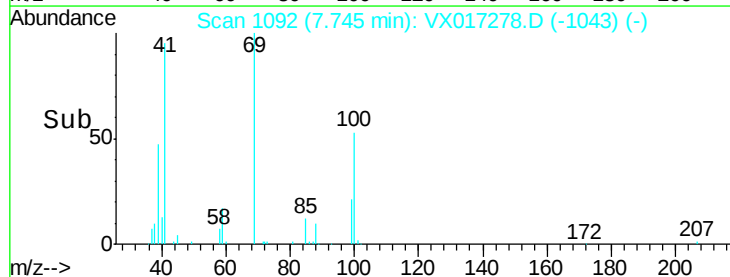
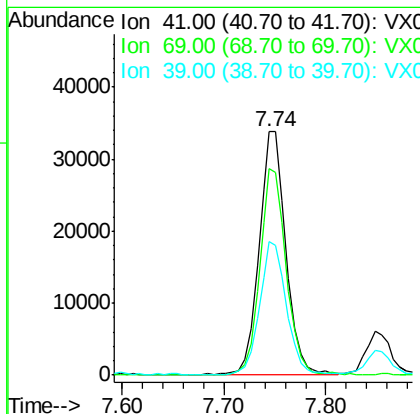
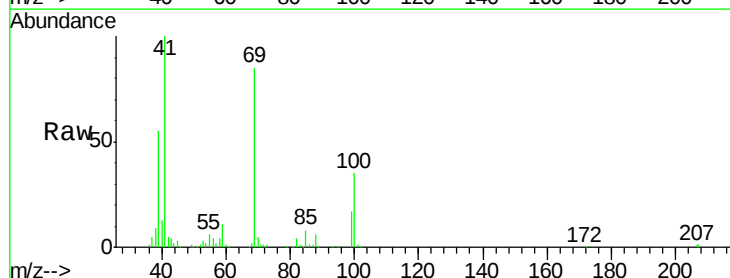
RT: 7.74 min Scan# 1092

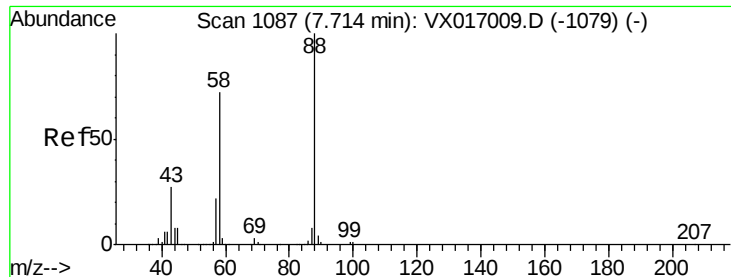
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	41	Resp:	61431
Ion	Ratio	Lower	Upper
41	100		
69	84.0	65.8	98.8
39	54.7	42.5	63.7





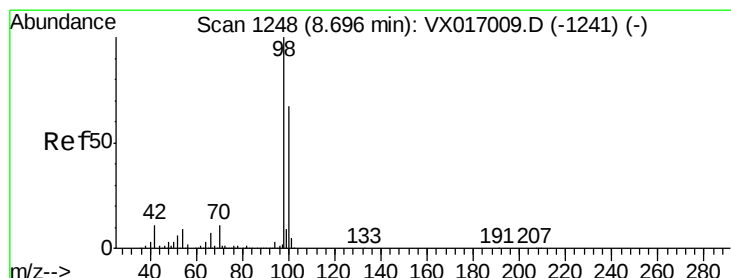
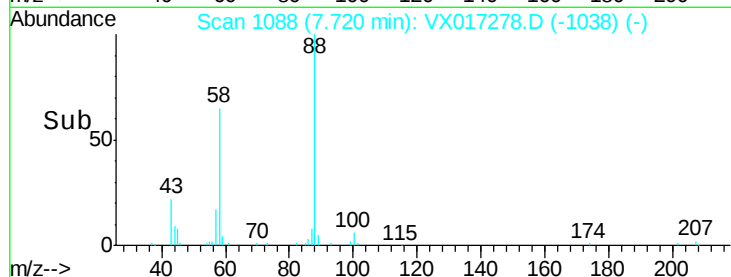
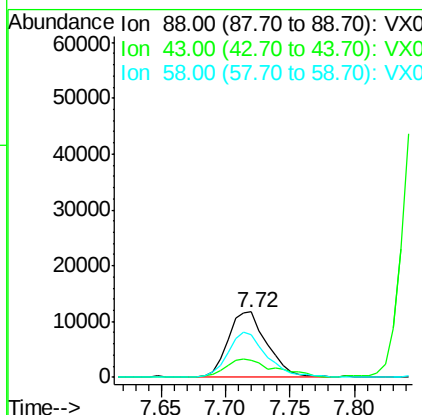
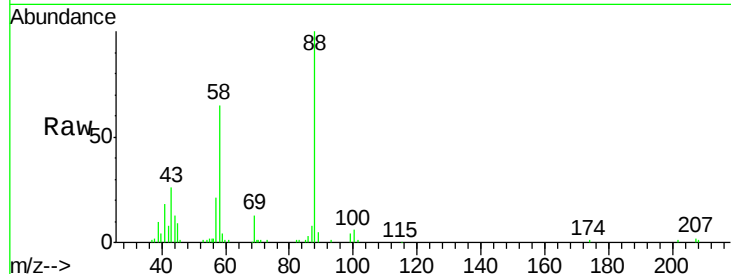
#49
1,4-Dioxane
Concen: 337.522 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.8	38.8
58	68.1	54.8	82.2

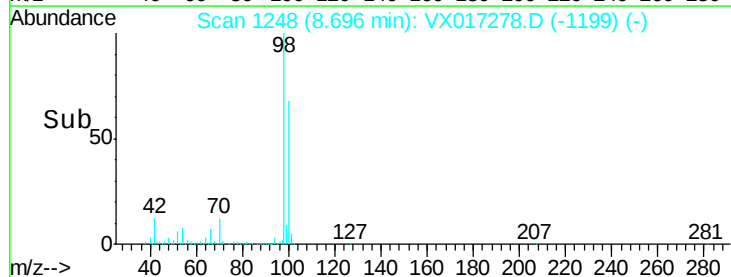
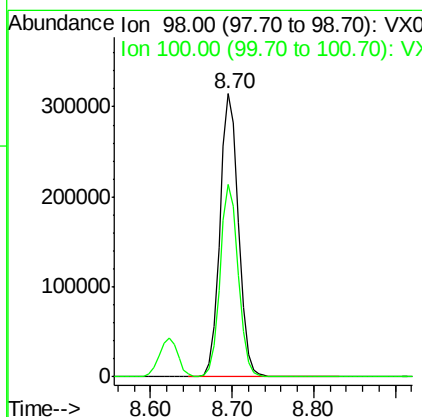
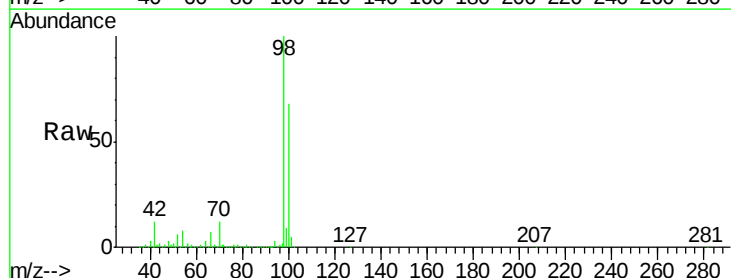
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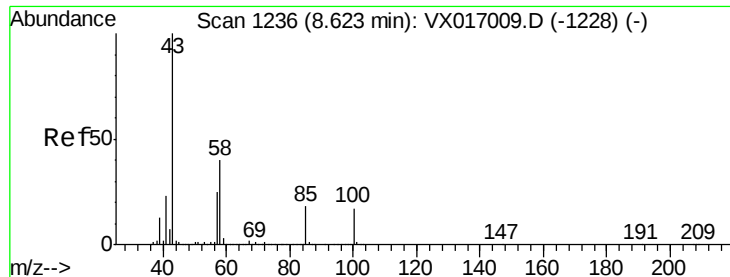
MMDadoda
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#50
Toluene-d8
Concen: 49.269 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





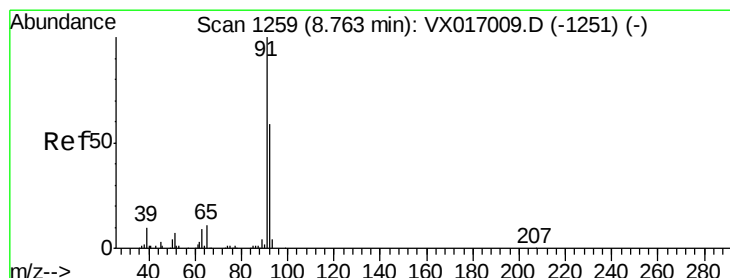
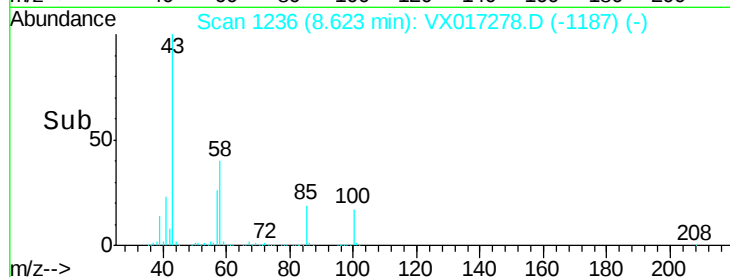
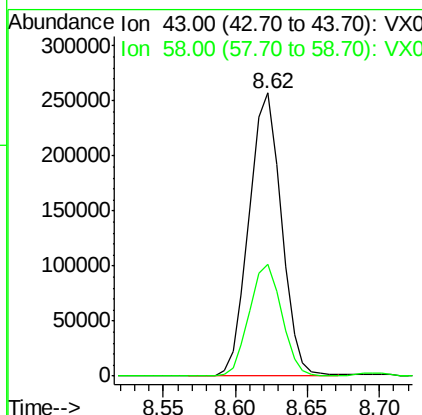
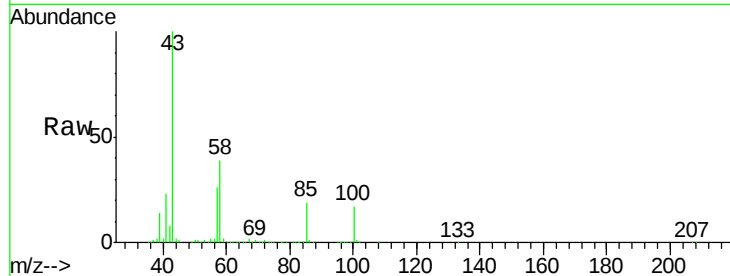
#51
4-Methyl-2-Pentanone
Concen: 97.429 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.9	47.9

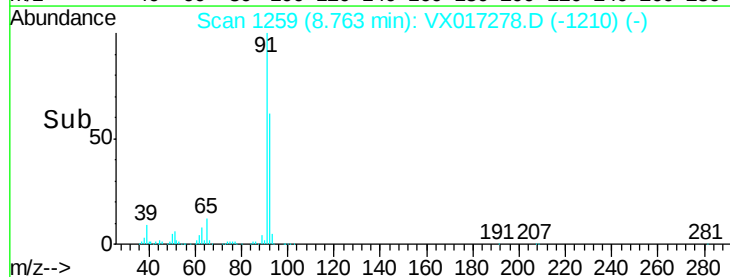
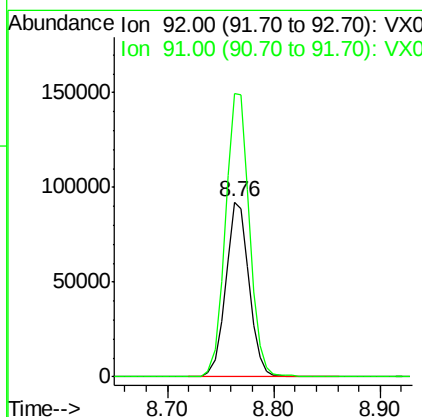
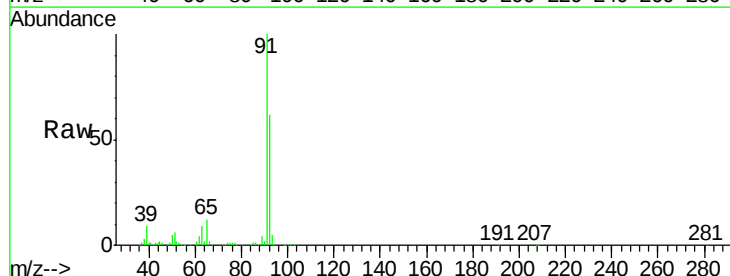
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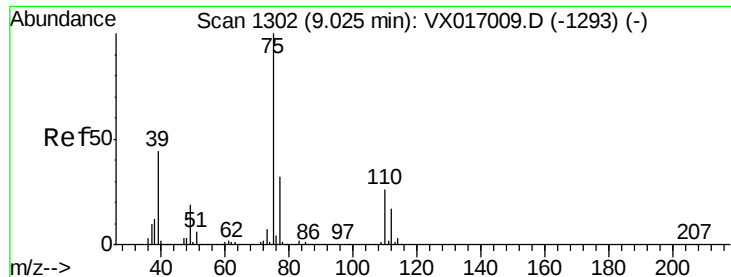
MMDadoda
7/9/2020 11:00:03 AM



#52
Toluene
Concen: 18.840 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.9	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 18.018 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS03

Tot Ion: 75 Resp: 86363

Ion Ratio Lower Upper

75 100

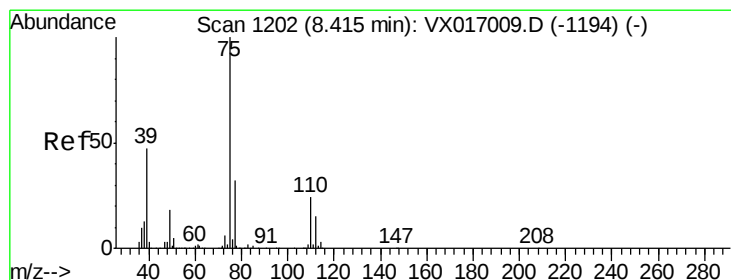
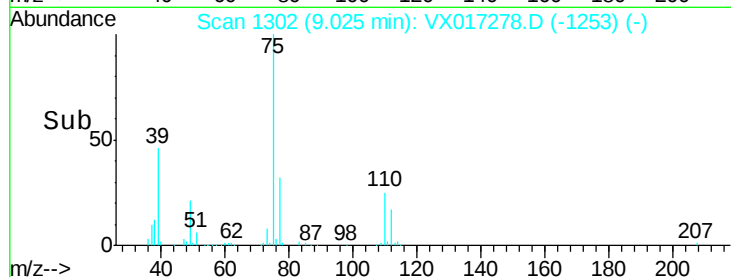
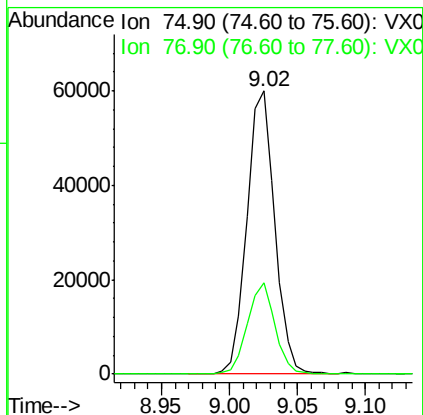
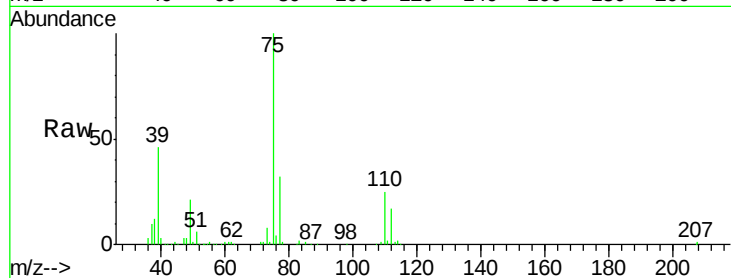
77 32.3 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.067 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

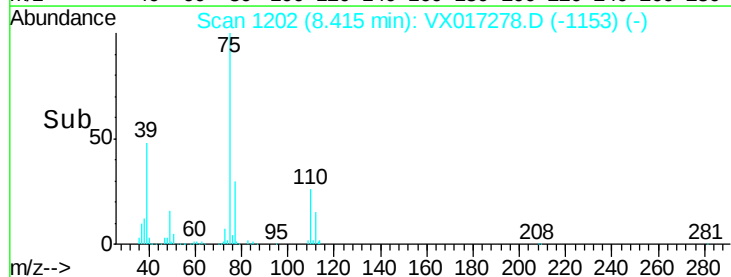
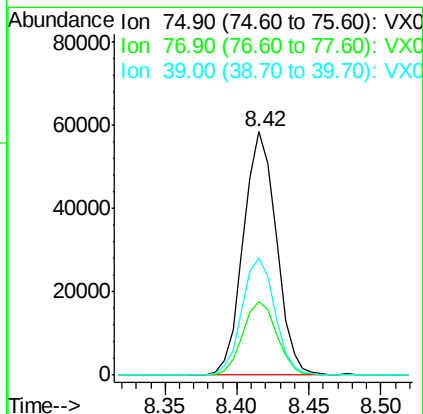
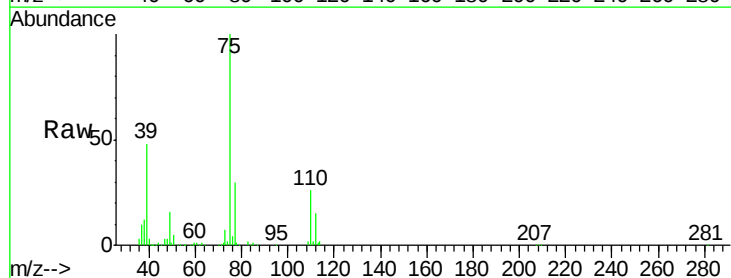
Tgt Ion: 75 Resp: 92831

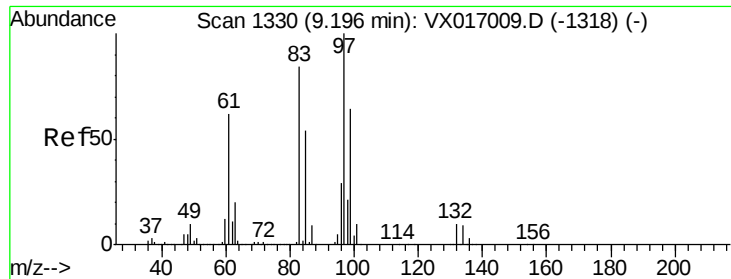
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 47.8 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 18.944 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

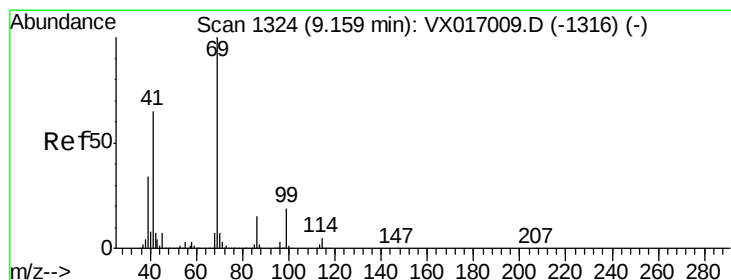
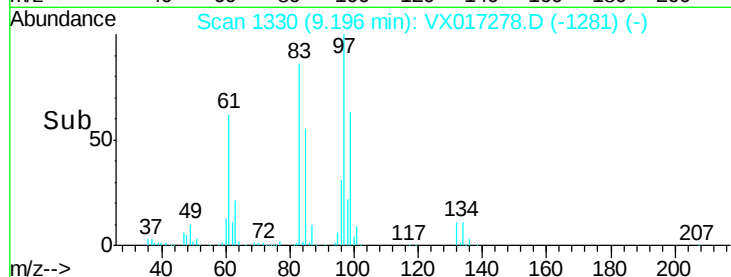
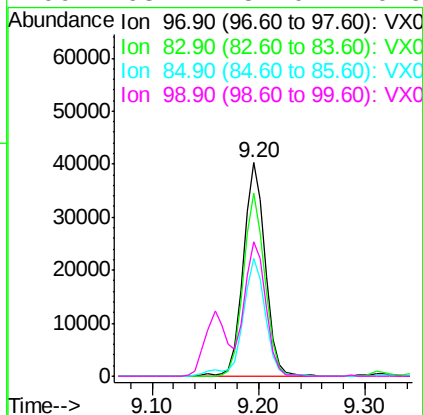
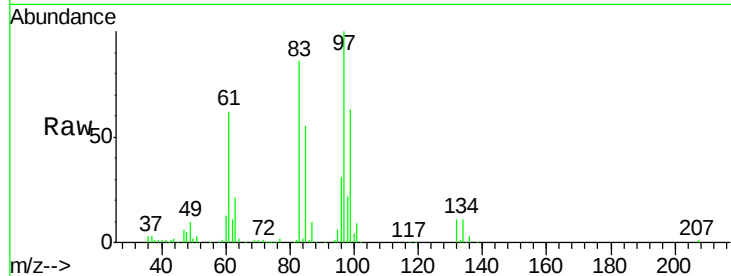
ClientSampleId :

VX0708WBS03

Tot Ion:	97	Resp:	58094
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.6
85	55.2	43.5	65.3
99	63.1	51.0	76.6

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#56

Ethyl methacrylate

Concen: 18.798 ug/l

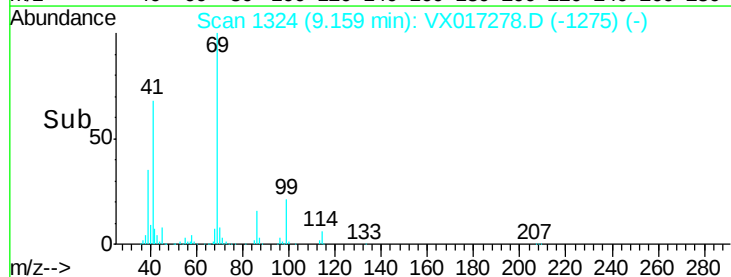
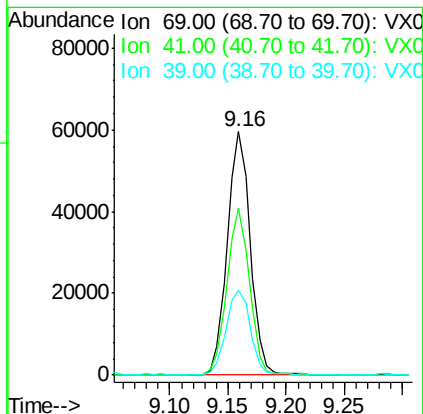
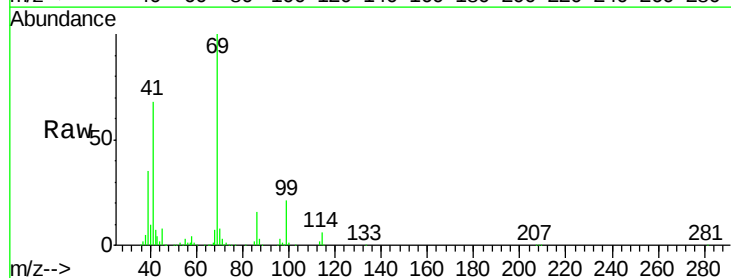
RT: 9.16 min Scan# 1324

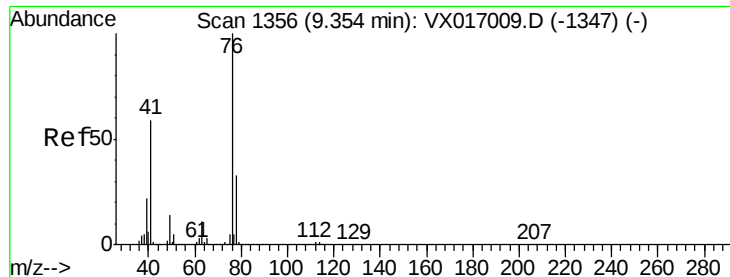
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	69	Resp:	82050
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.6	80.4
39	36.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 18.386 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS03

Tot Ion: 76 Resp: 95404

Ion Ratio Lower Upper

76 100

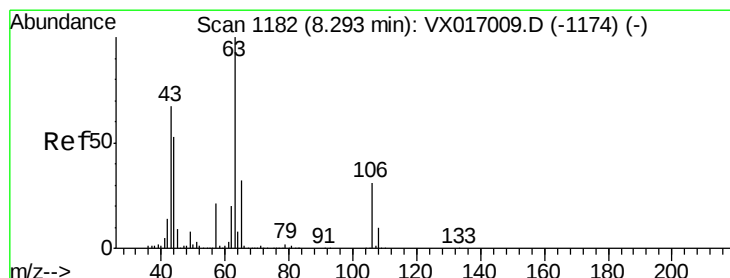
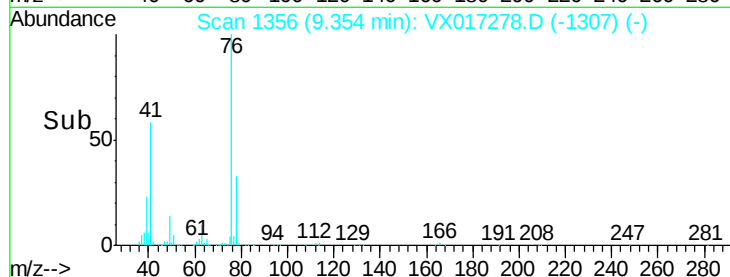
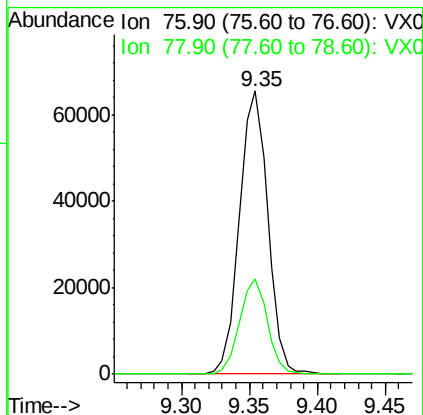
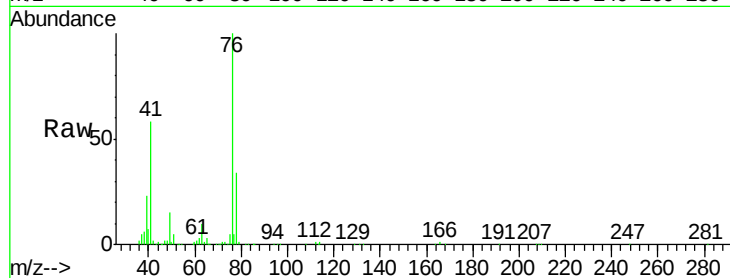
78 32.9 25.9 38.9

Manual Integrations

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7/9/2020 11:00:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 94.984 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017278.D

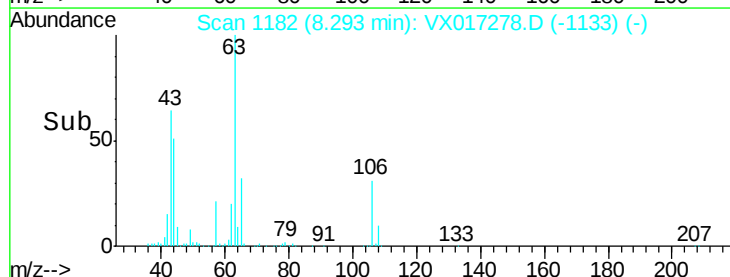
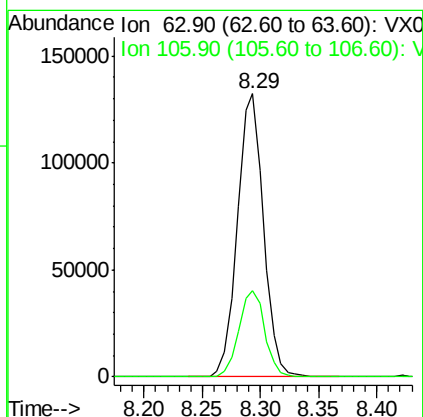
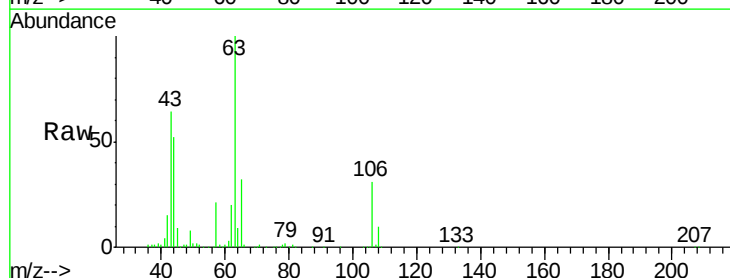
Acq: 09 Jul 2020 00:10

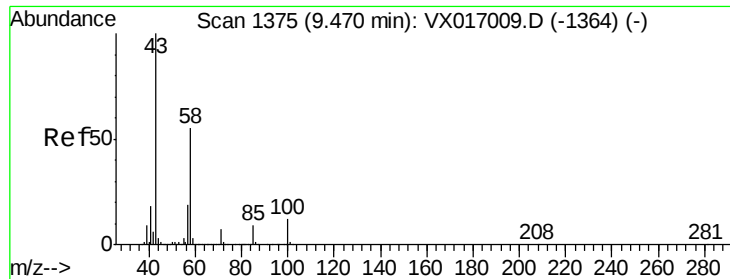
Tgt Ion: 63 Resp: 206333

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0





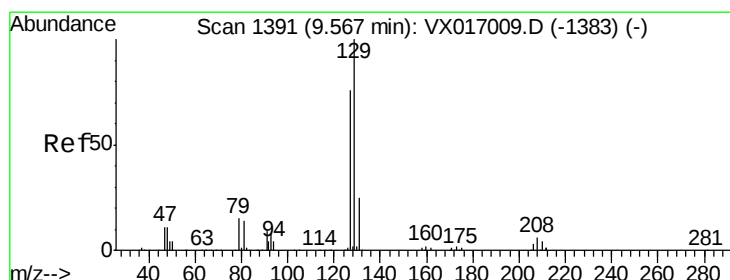
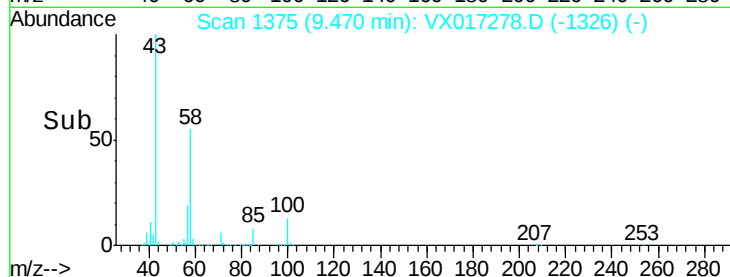
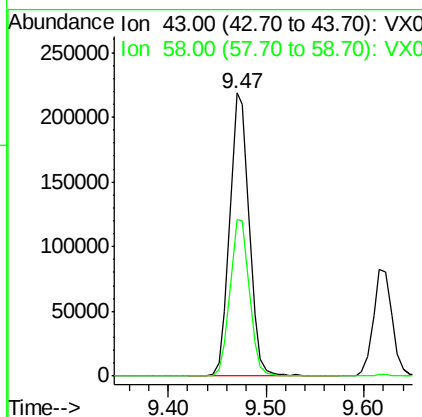
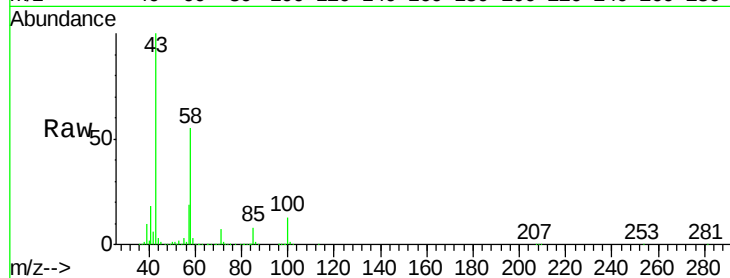
#59
2-Hexanone
Concen: 100.558 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion: 43 Resp: 301994
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6

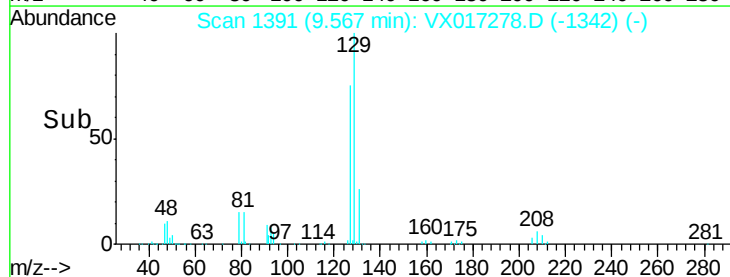
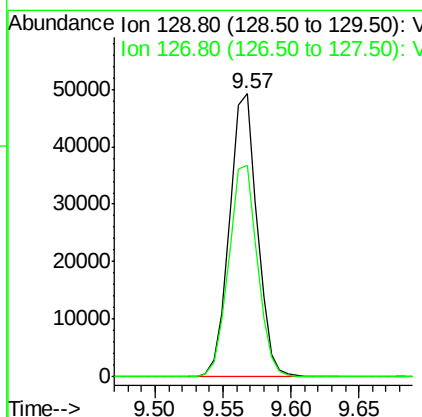
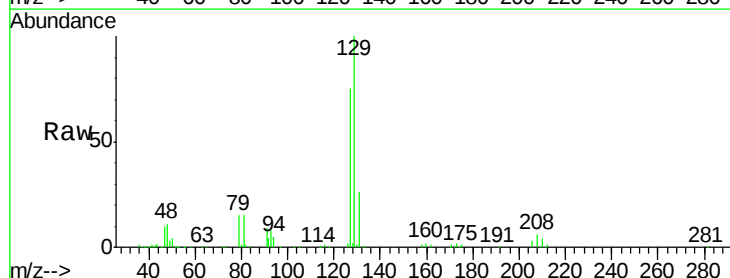
Manual Integrations
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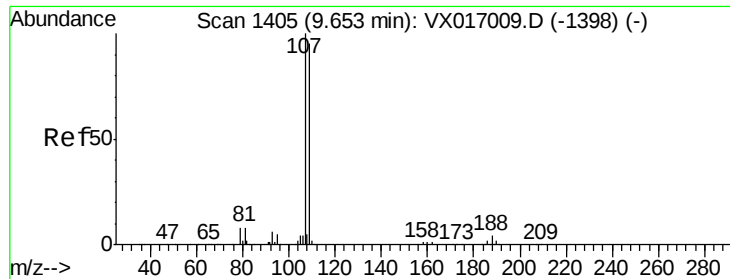
MMDadoda
7/9/2020 11:00:03 AM



#60
Dibromochloromethane
Concen: 19.607 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion: 129 Resp: 69835
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





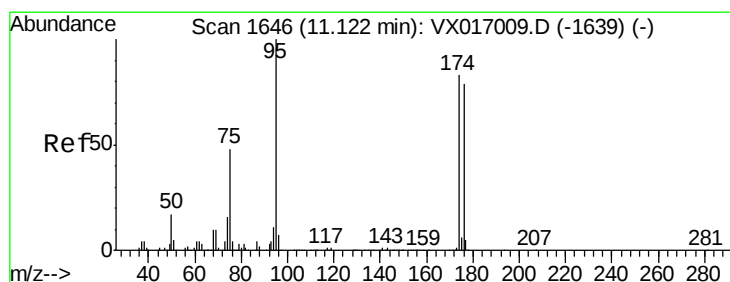
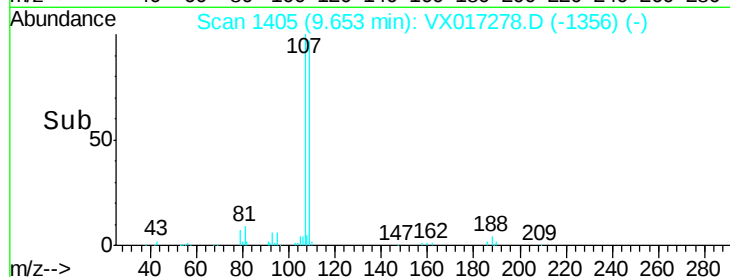
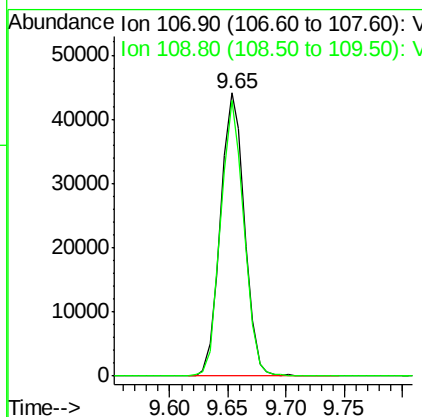
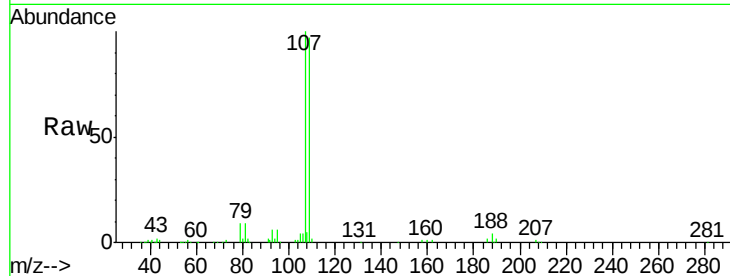
#61
 1,2-Dibromoethane
 Concen: 18.991 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS03

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.8

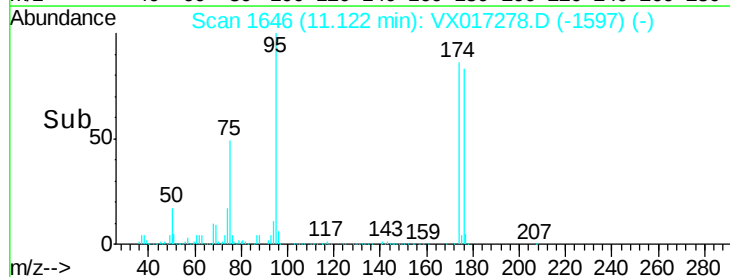
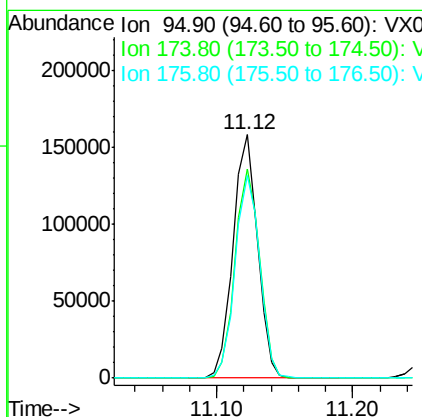
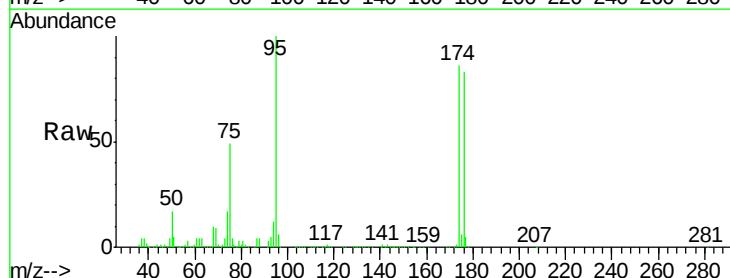
Manual Integrations
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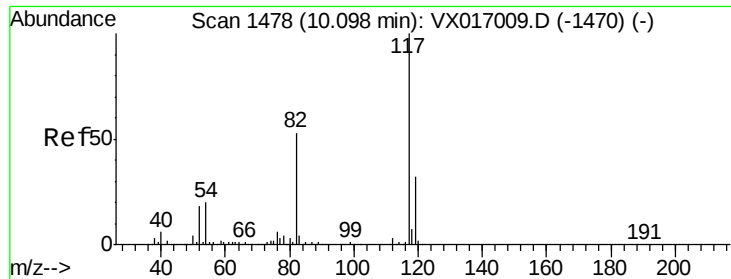
MMDadoda
 7/9/2020 11:00:03 AM



#62
 4-Bromofluorobenzene
 Concen: 50.008 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	164.0
176	84.2	0.0	157.6





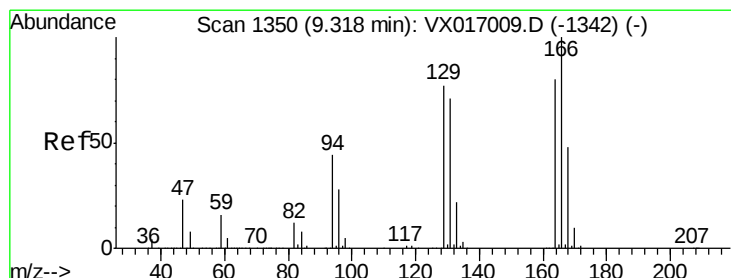
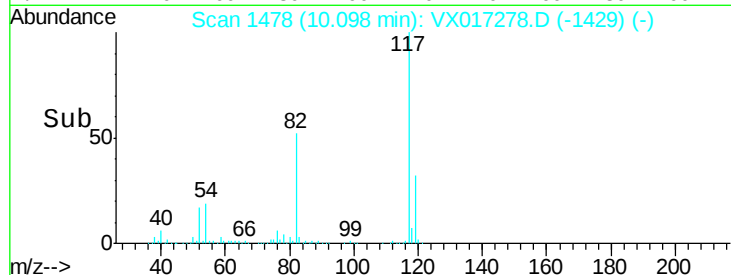
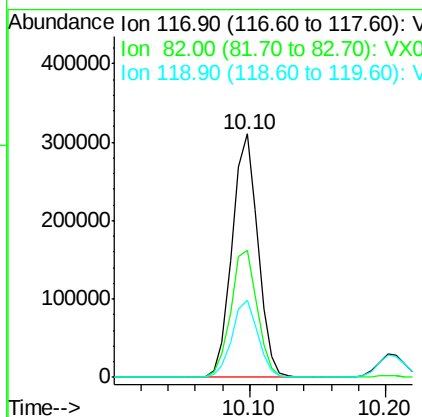
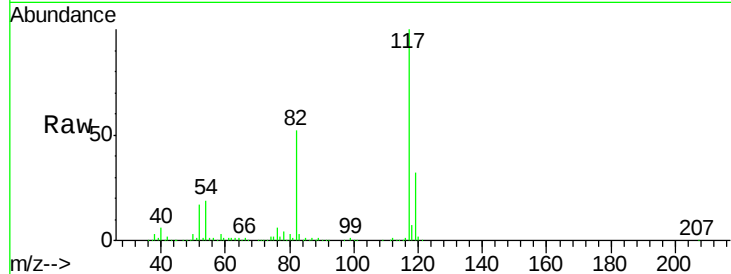
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	410196		
82	52.2		42.6	63.8
119	31.9		25.4	38.2

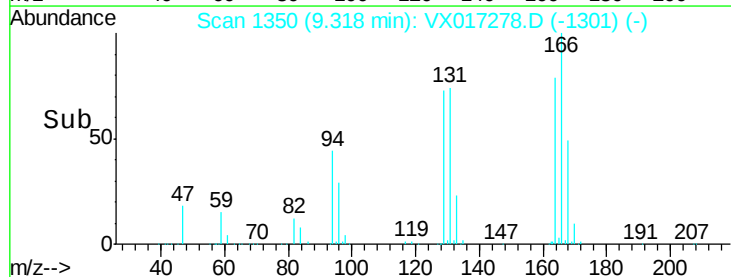
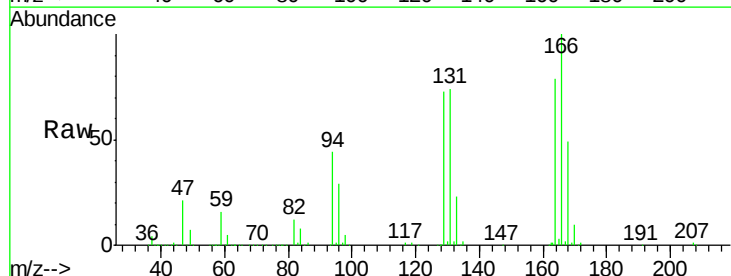
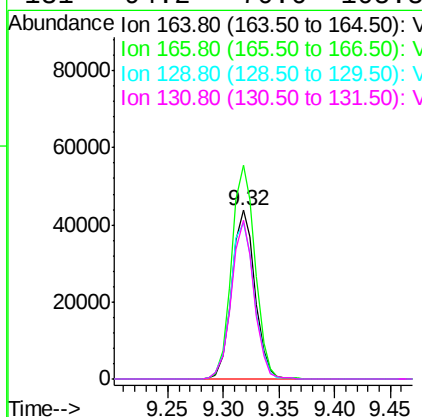
Manual Integrations
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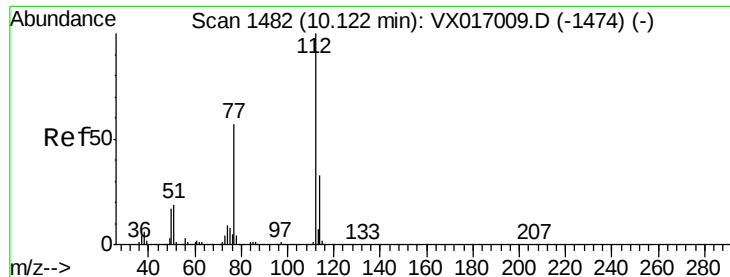
MMDadoda
7/9/2020 11:00:03 AM



#64
Tetrachloroethene
Concen: 19.128 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63323		
166	126.9		99.4	149.0
129	92.6		76.3	114.5
131	94.2		70.6	105.8





#65

Chlorobenzene

Concen: 18.327 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion:112 Resp: 155161

Ion Ratio Lower Upper

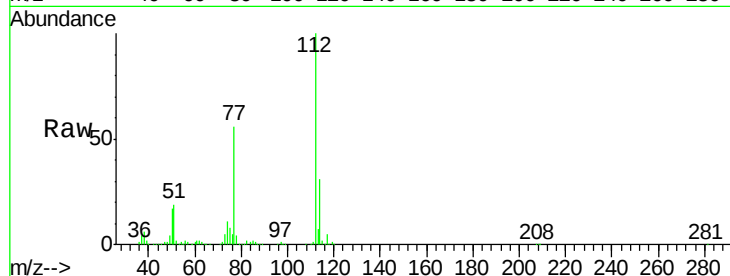
112 100

114 31.3 26.2 39.4

Manual Integrations
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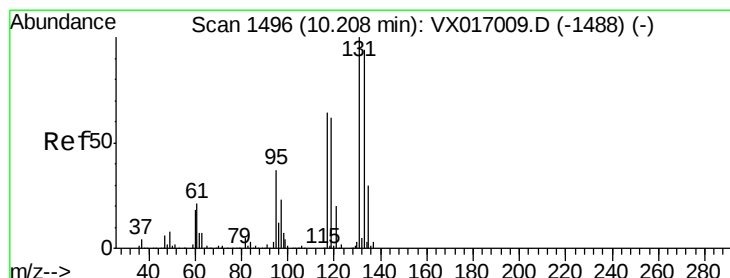
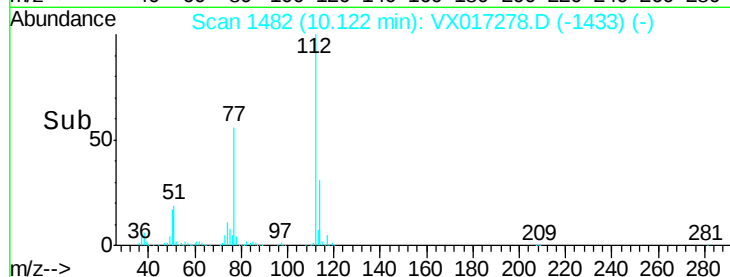
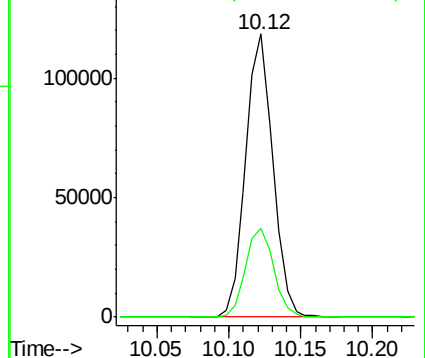
MMDadoda

7/9/2020 11:00:03 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.227 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

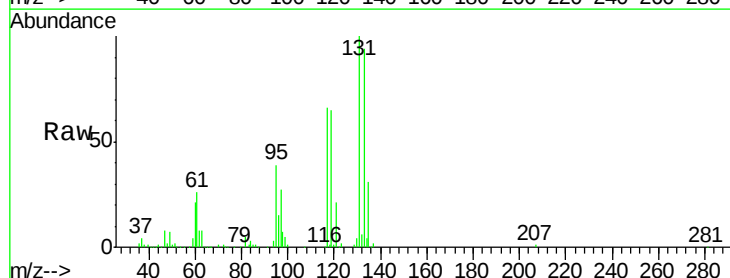
Tgt Ion:131 Resp: 62732

Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.9

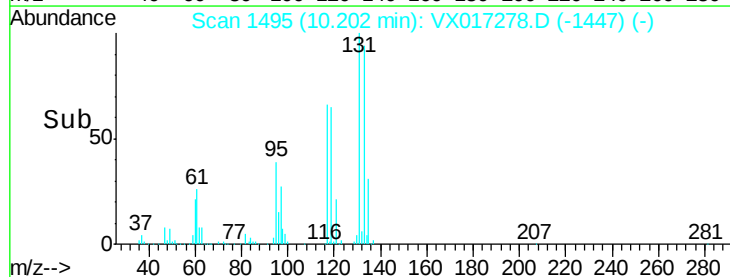
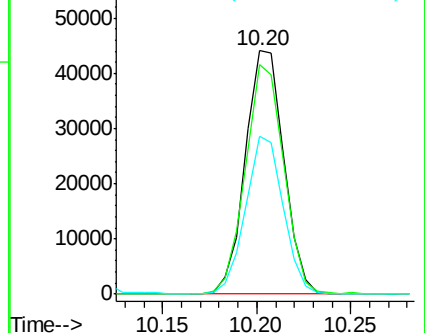
119 63.4 31.9 95.5

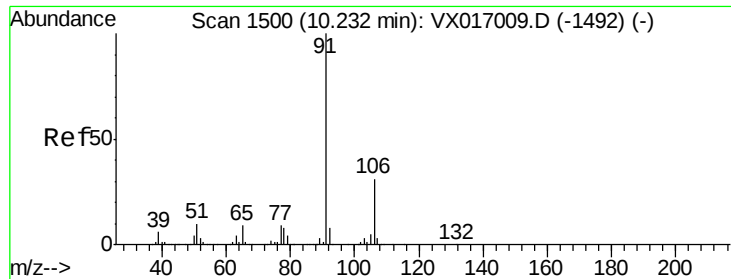


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.413 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion: 91 Resp: 260338

Ion Ratio Lower Upper

91 100

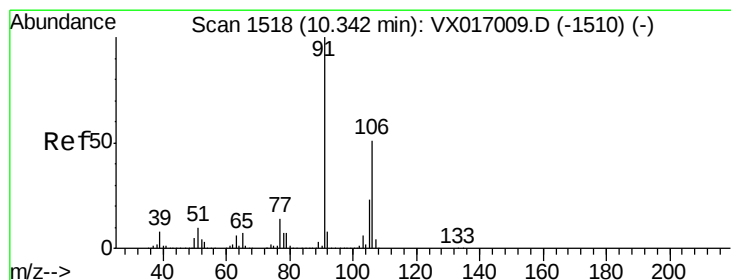
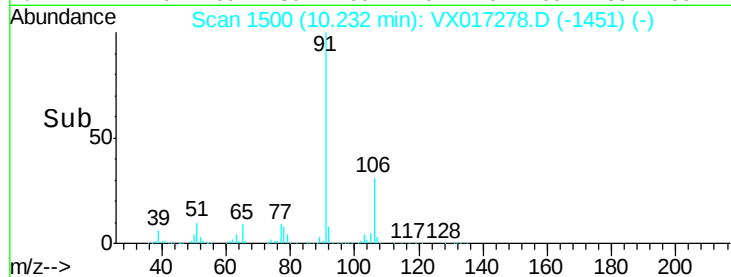
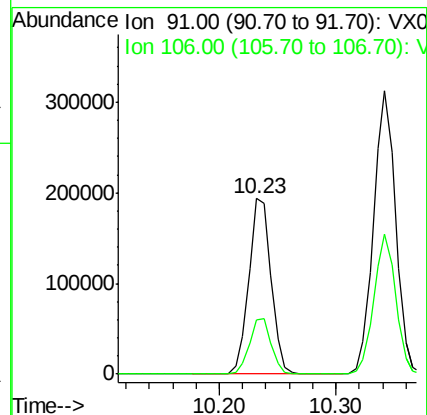
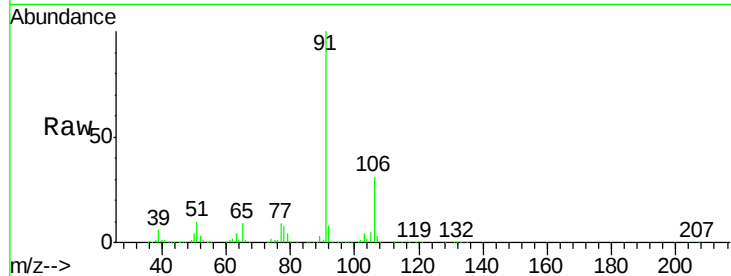
106 30.9 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.234 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017278.D

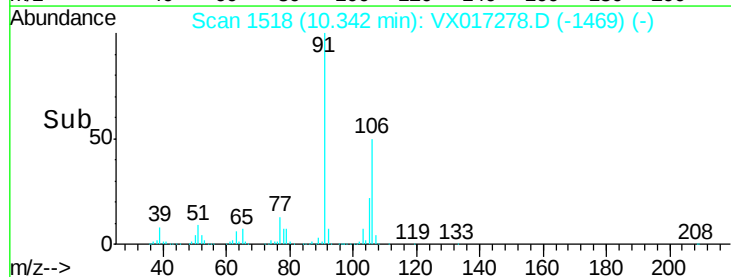
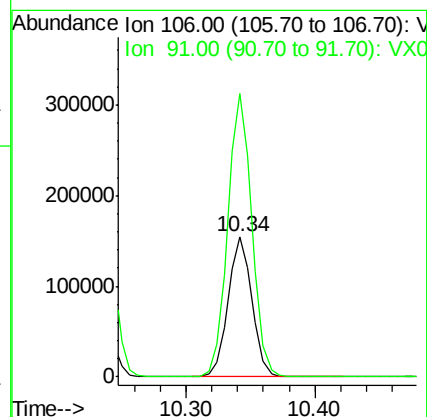
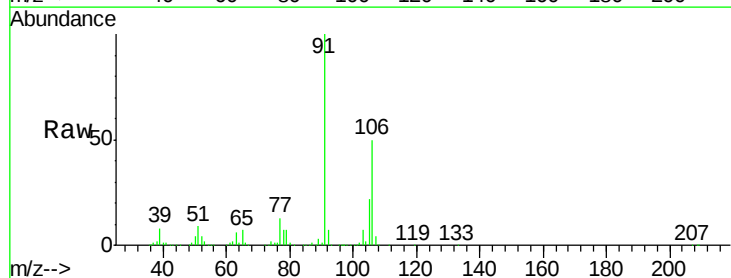
Acq: 09 Jul 2020 00:10

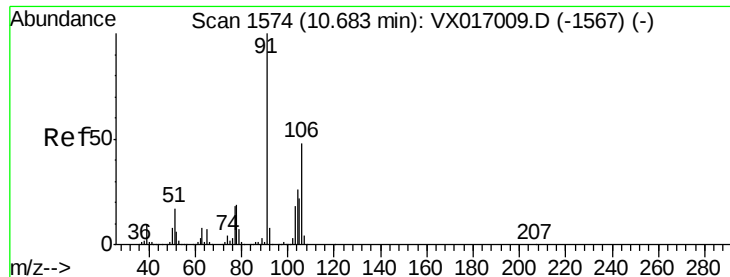
Tgt Ion: 106 Resp: 202136

Ion Ratio Lower Upper

106 100

91 203.1 158.6 238.0





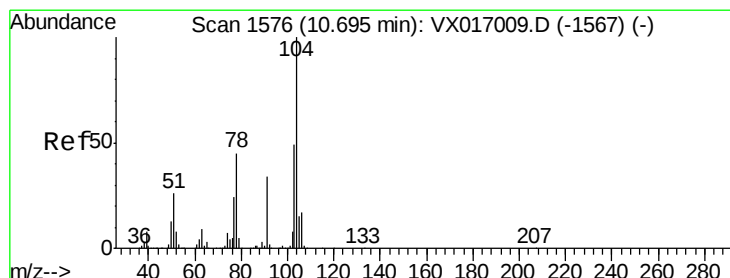
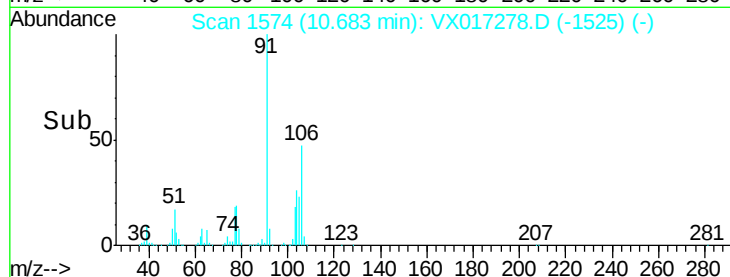
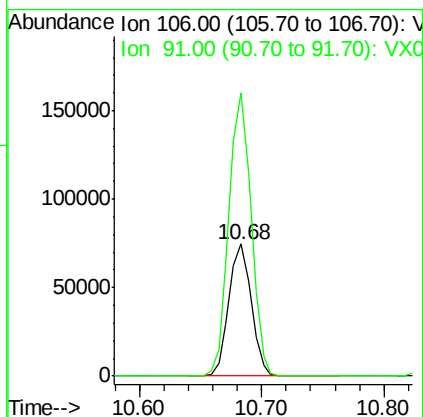
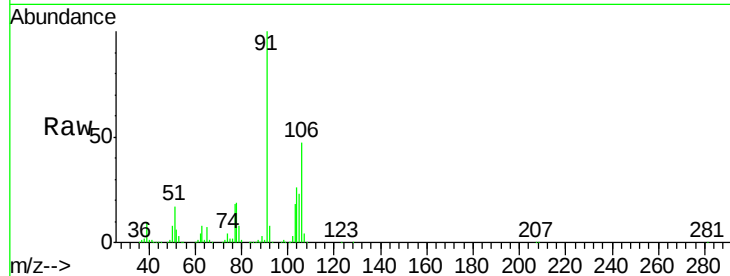
#69
o-Xylene
Concen: 18.349 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion:106 Resp: 94762
Ion Ratio Lower Upper
106 100
91 213.0 105.6 316.7

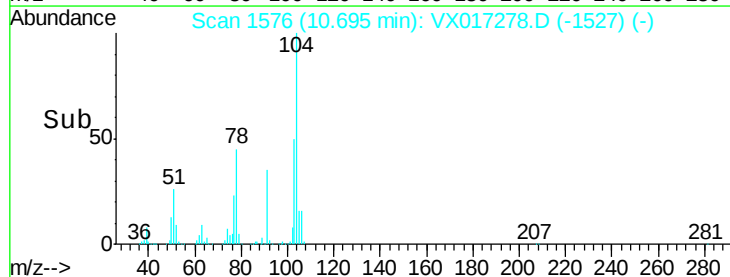
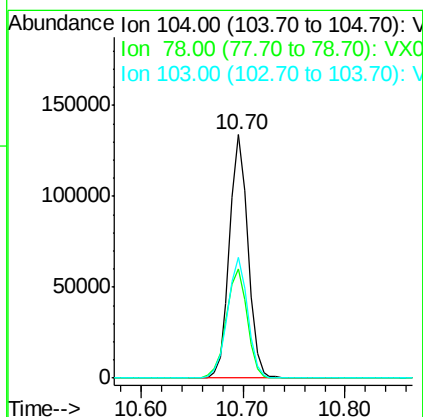
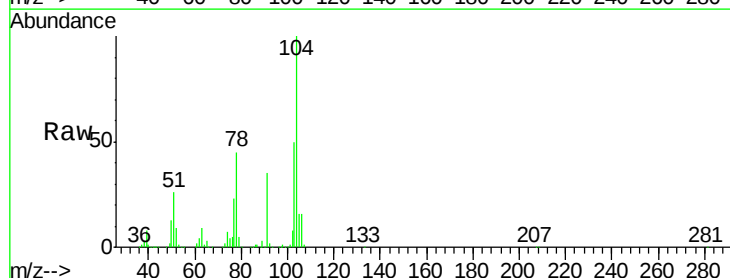
Manual Integrations
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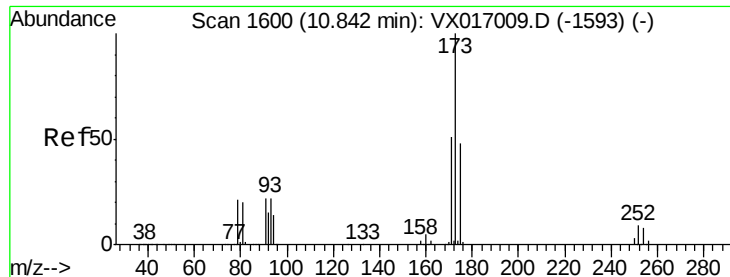
MMDadoda
7/9/2020 11:00:03 AM



#70
Styrene
Concen: 19.054 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion:104 Resp: 167571
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 21.492 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion:173 Resp: 55606

Ion Ratio Lower Upper

173 100

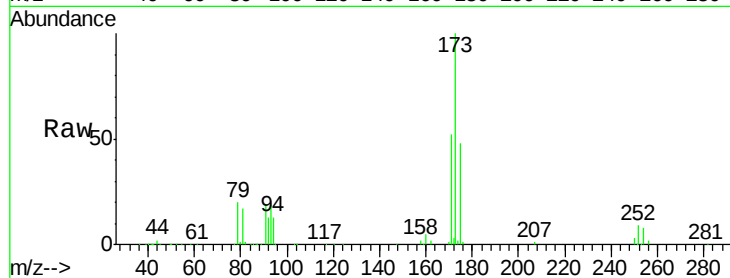
175 48.3 24.5 73.5

254 0.0 0.1 0.1#

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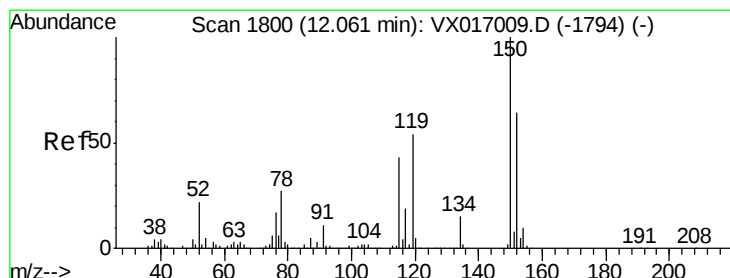
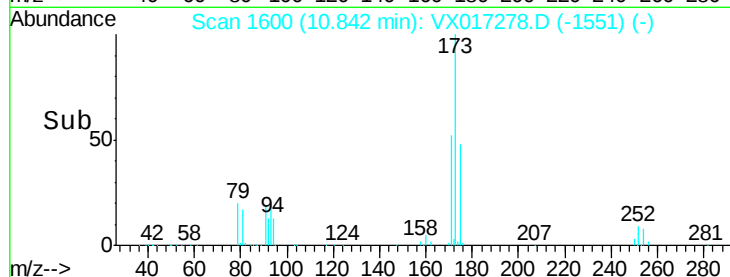
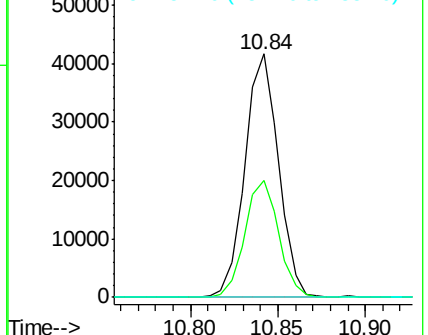
7/9/2020 11:00:03 AM



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: VX017278.D

Acq: 09 Jul 2020 00:10

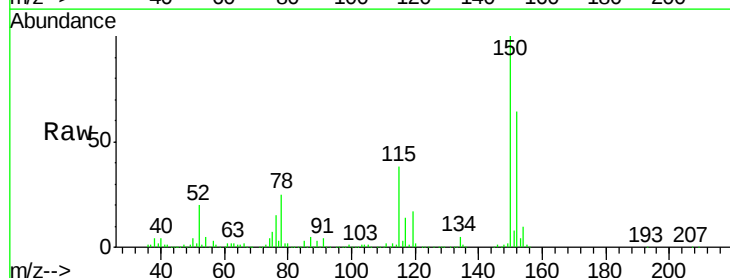
Tgt Ion:152 Resp: 224827

Ion Ratio Lower Upper

152 100

115 65.2 40.9 122.7

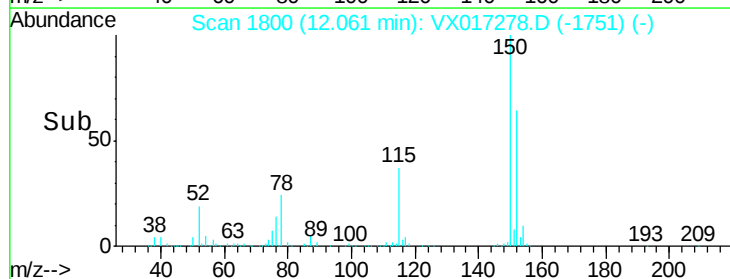
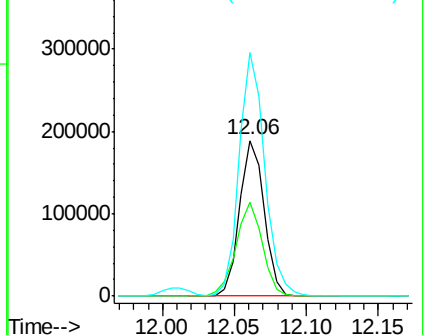
150 162.2 0.0 351.6

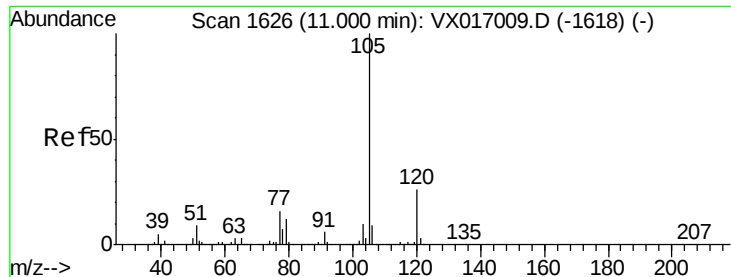


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.866 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS03

Tot Ion: 105 Resp: 263101

Ion Ratio Lower Upper

105 100

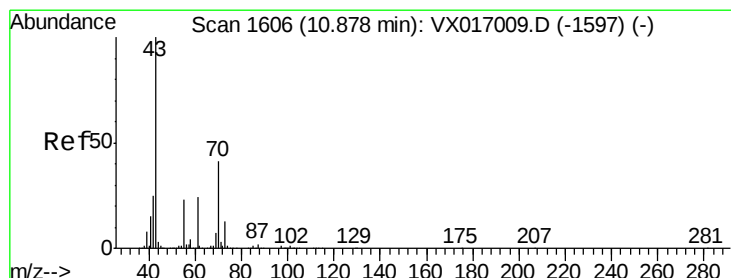
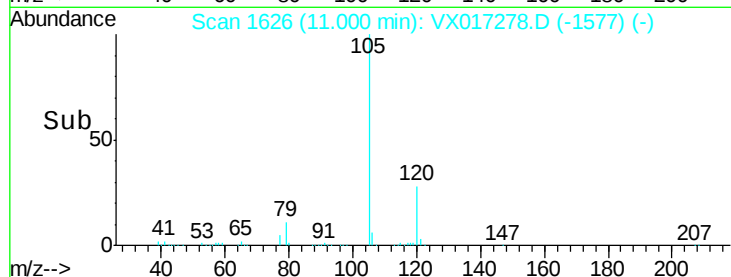
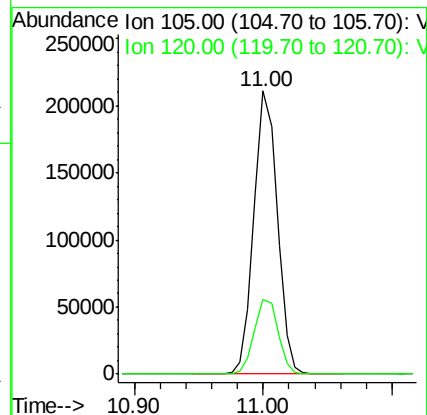
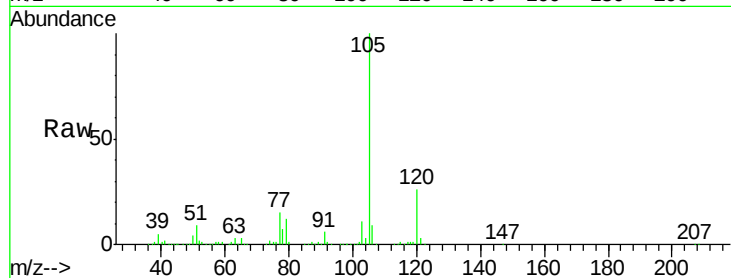
120 26.9 13.4 40.2

Manual Integrations

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7/9/2020 11:00:03 AM



#74

N-ethyl acetate

Concen: 17.333 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion: 43 Resp: 108913

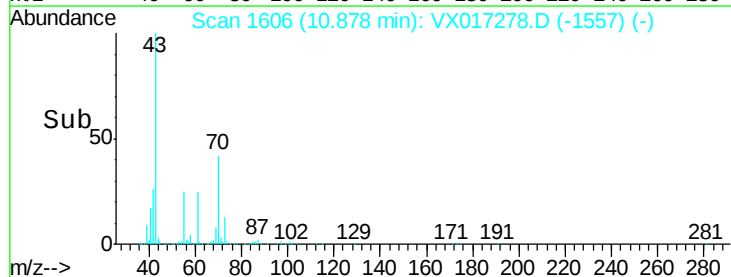
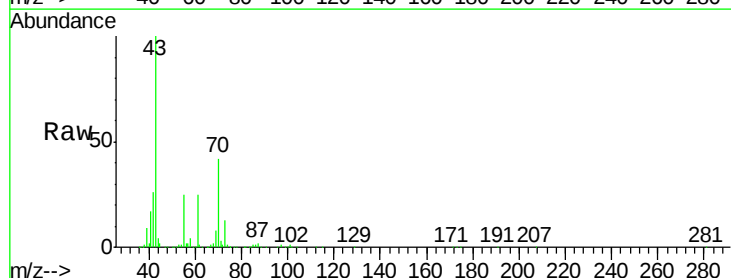
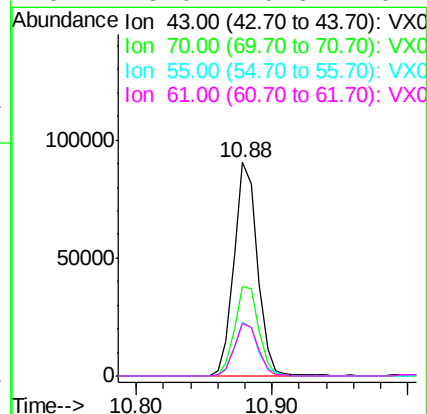
Ion Ratio Lower Upper

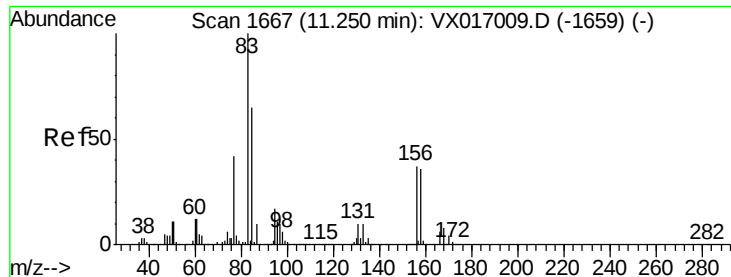
43 100

70 43.1 34.2 51.2

55 25.5 19.2 28.8

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.229 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

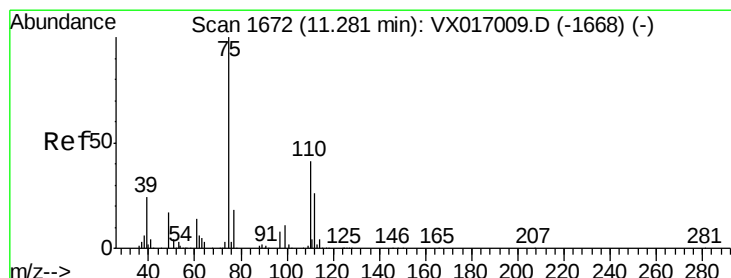
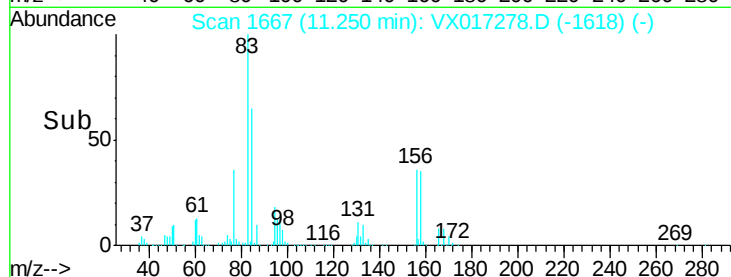
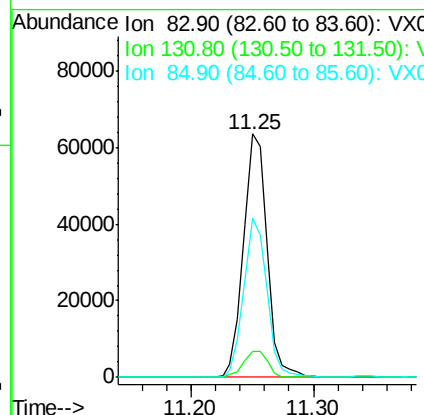
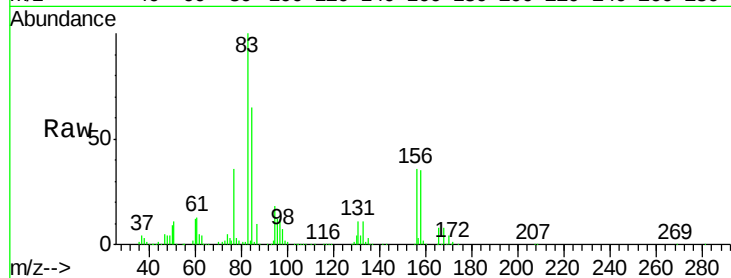
ClientSampleId :

VX0708WBS03

Tot Ion:	83	Resp:	84441
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.6	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:03 AM



#76

1,2,3-Trichloropropane

Concen: 18.665 ug/l m

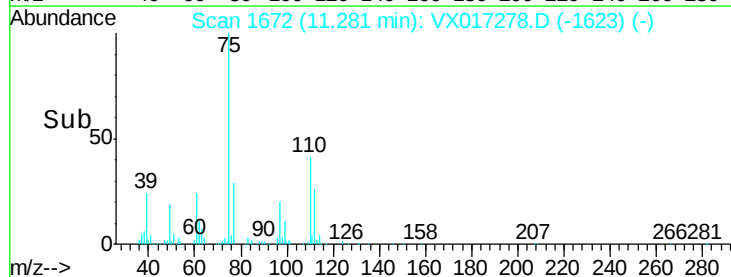
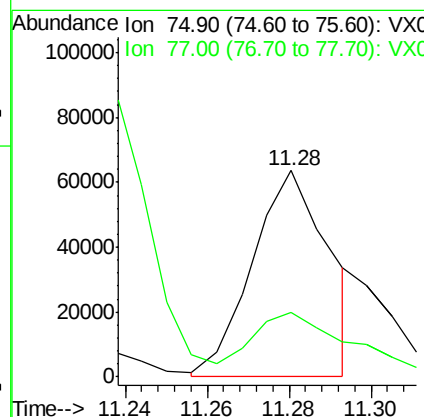
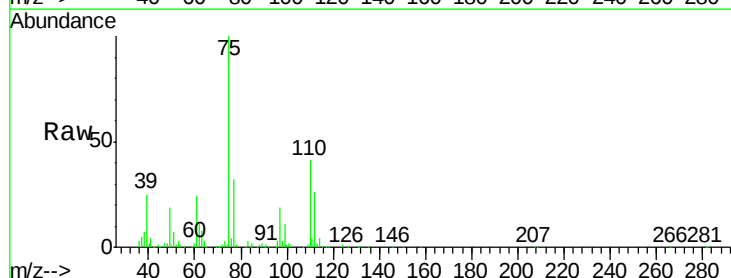
RT: 11.28 min Scan# 1672

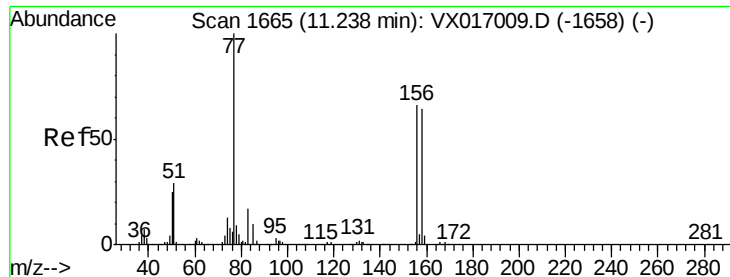
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	75	Resp:	82519
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.2	60.6





#77

Bromobenzene

Concen: 18.712 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS03

Tot Ion:156 Resp: 75734

Ion Ratio Lower Upper

156 100

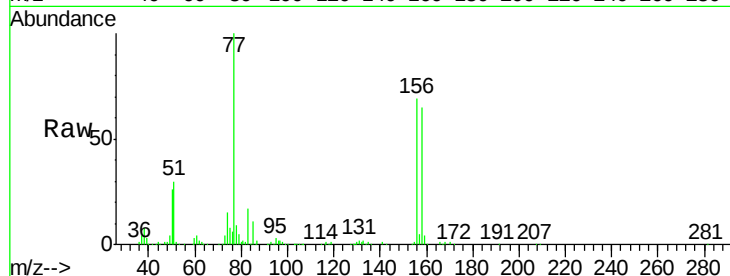
77 145.2 76.9 230.7

158 93.2 47.9 143.6

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APPROVED

MMDadoda

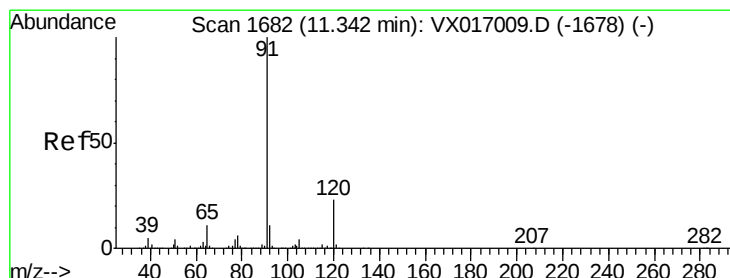
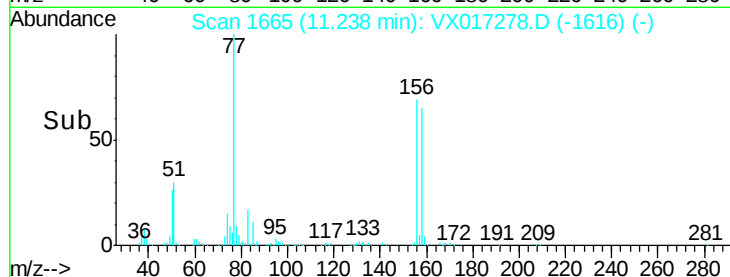
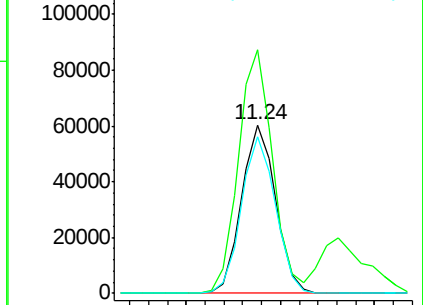
7/9/2020 11:00:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.930 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017278.D

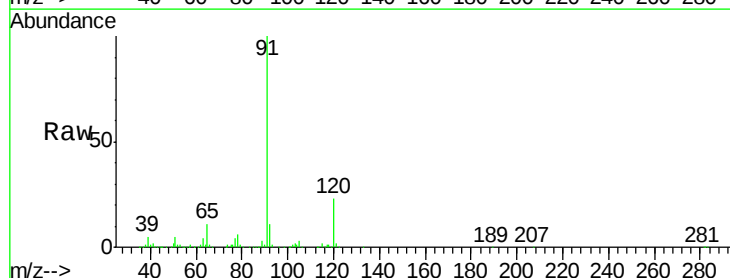
Acq: 09 Jul 2020 00:10

Tgt Ion: 91 Resp: 298582

Ion Ratio Lower Upper

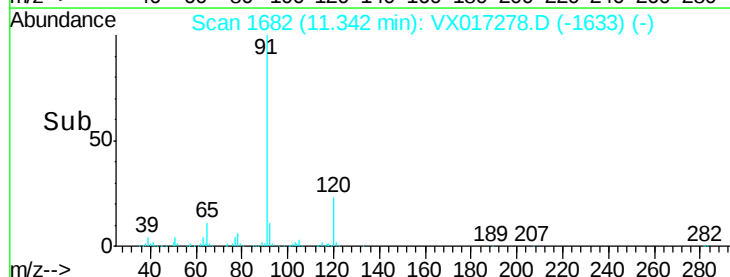
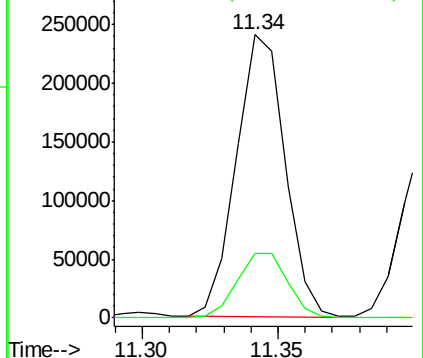
91 100

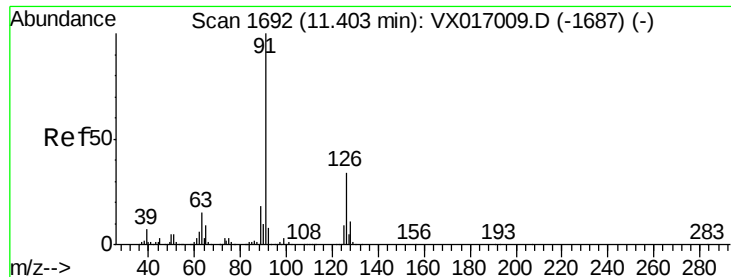
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





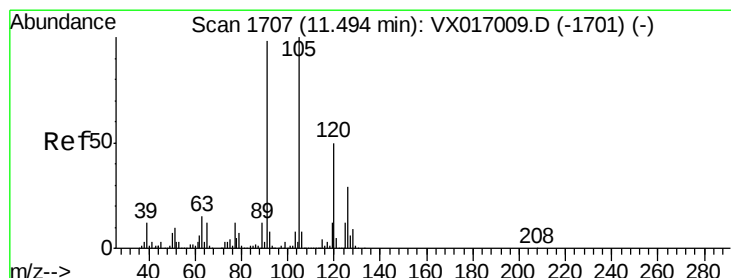
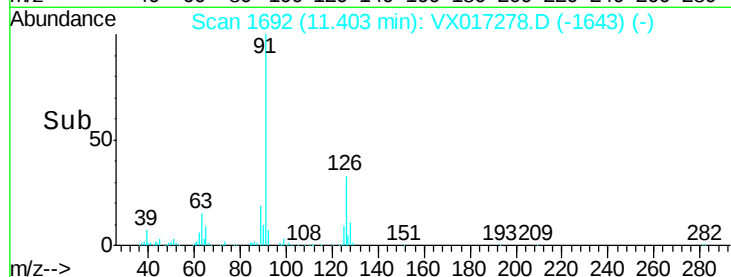
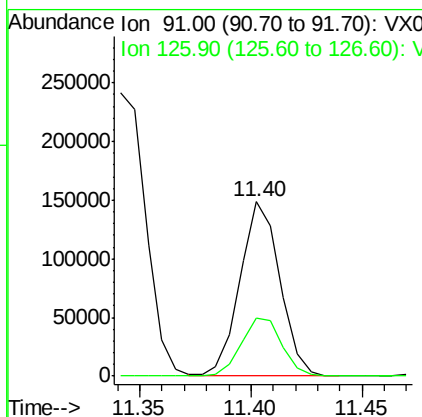
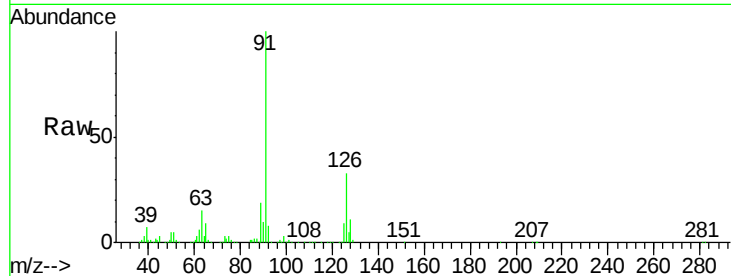
#79
2-Chlorotoluene
Concen: 18.413 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS03

Tot Ion: 91 Resp: 185579
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

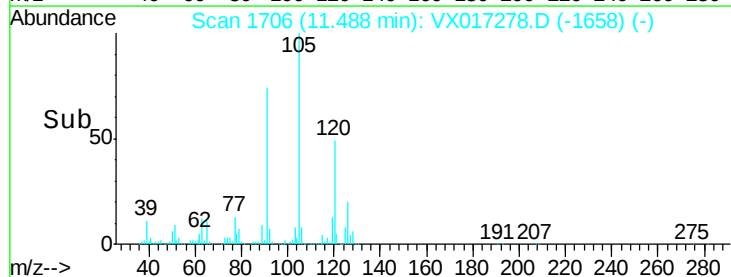
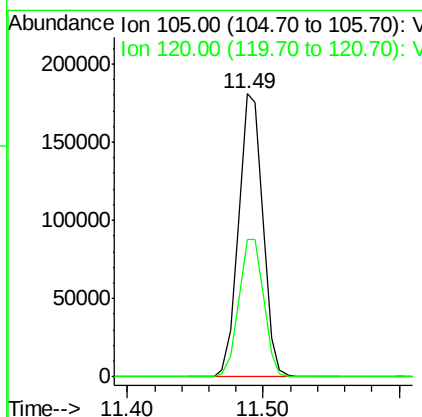
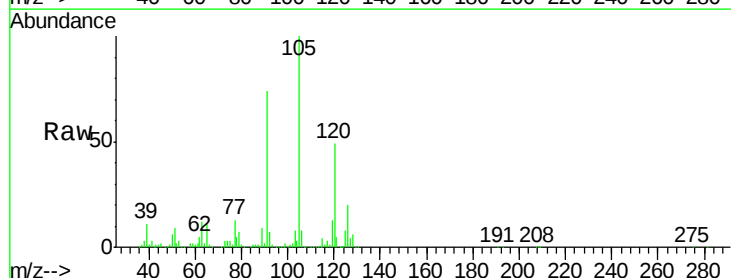
Manual Integrations
APPROVED

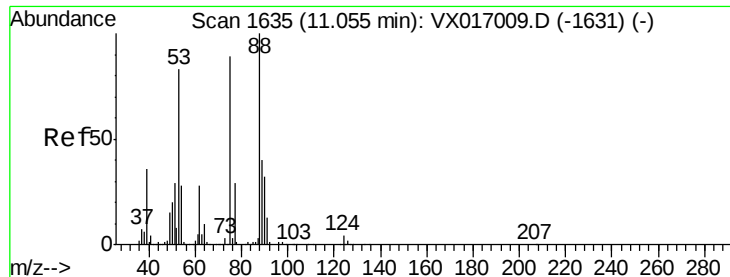
MMDadoda
7/9/2020 11:00:03 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.348 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion: 105 Resp: 224126
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





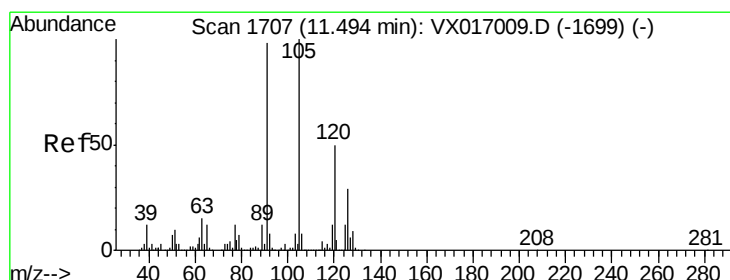
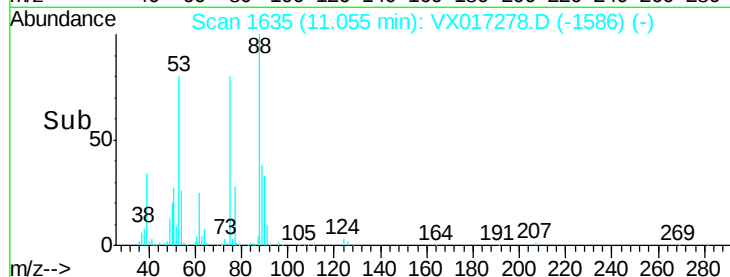
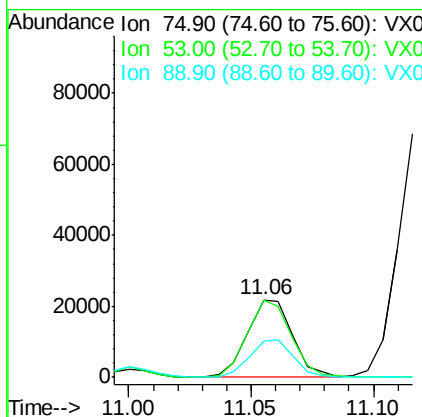
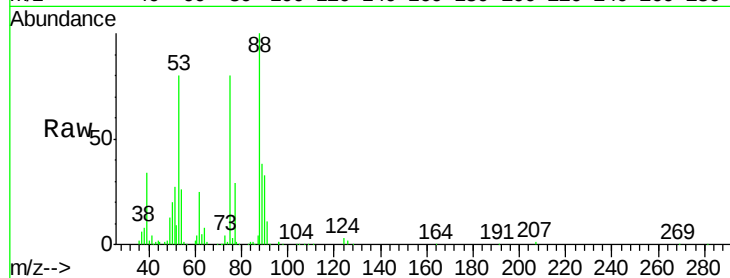
#81
trans-1,4-Dichloro-2-butene
Concen: 16.585 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	72.4	108.6
89	47.4	37.0	55.4

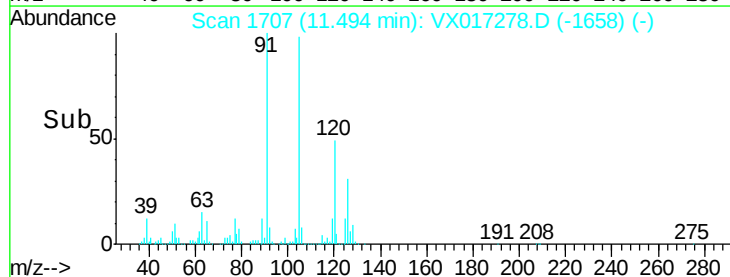
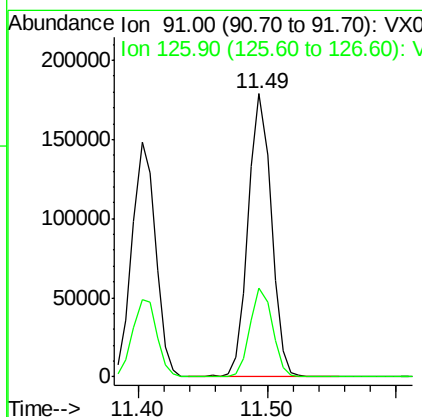
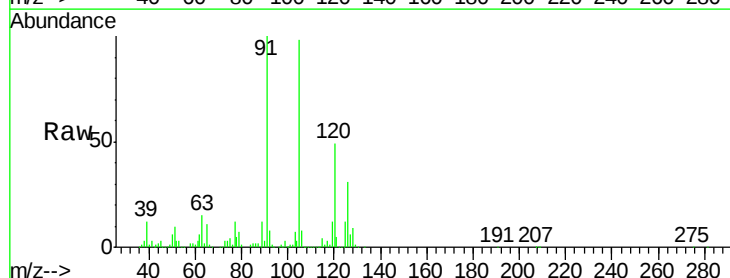
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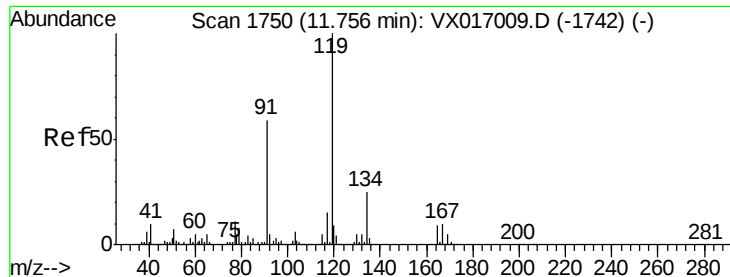
MMDadoda
7/9/2020 11:00:03 AM



#82
4-Chlorotoluene
Concen: 18.222 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.2	45.5





#83

tert-Butylbenzene

Concen: 17.987 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

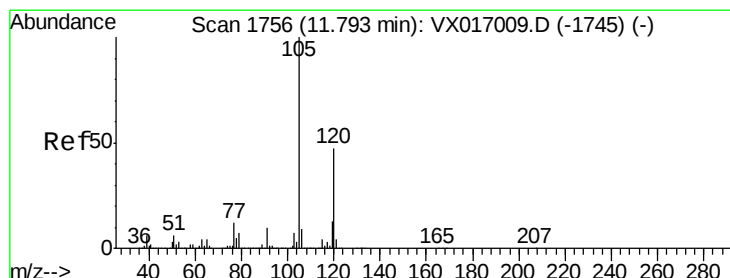
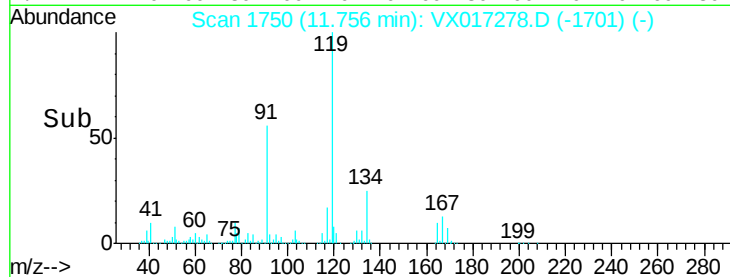
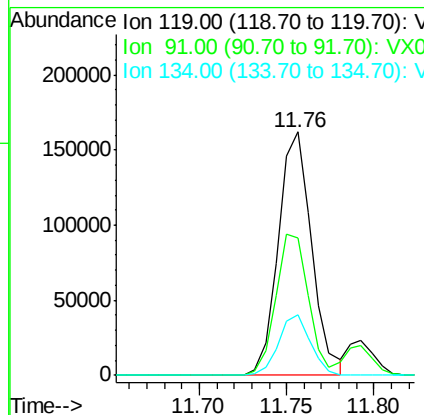
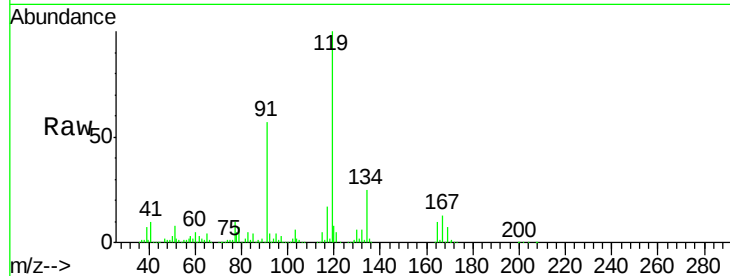
ClientSampled :

VX0708WBS03

Tot Ion:	119	Resp:	215688
Ion Ratio	Lower	Upper	
119	100		
91	56.7	28.3	84.9
134	23.9	11.7	35.1

Manual Integrations
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7/9/2020 11:00:03 AM



#84

1,2,4-Trimethylbenzene

Concen: 18.559 ug/l

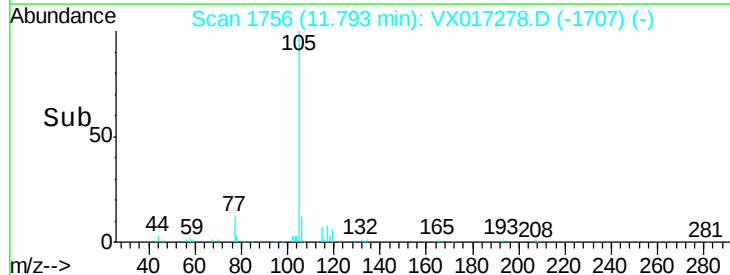
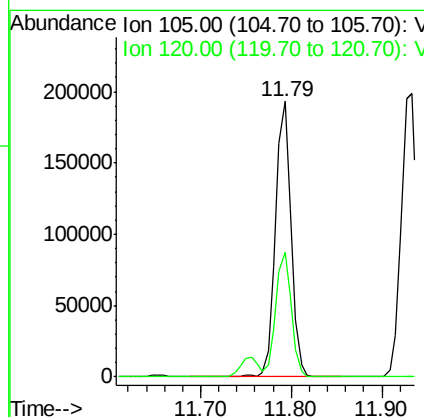
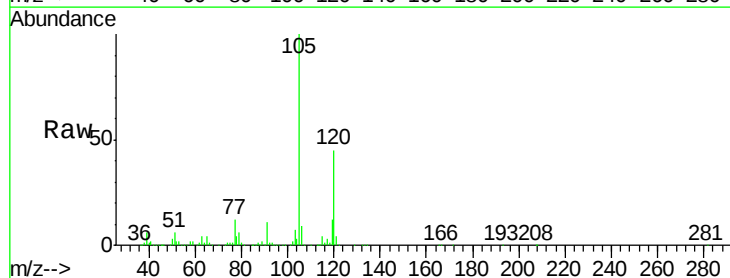
RT: 11.79 min Scan# 1756

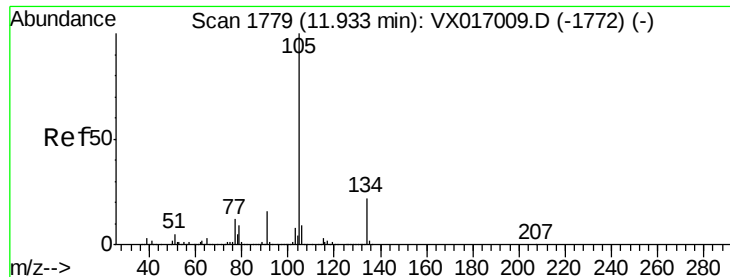
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	105	Resp:	229987
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 17.473 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS03

Tot Ion:105 Resp: 246287

Ion Ratio Lower Upper

105 100

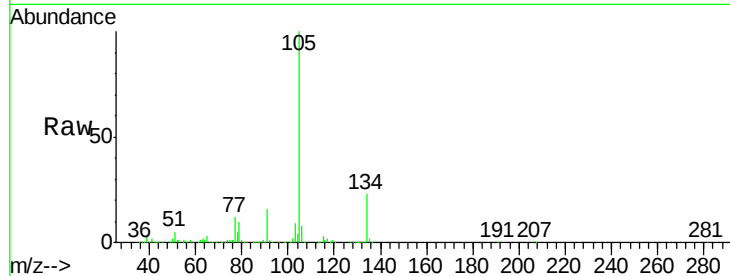
134 21.9 10.5 31.6

Manual Integrations

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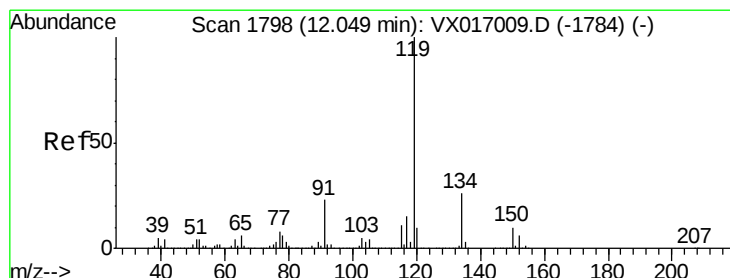
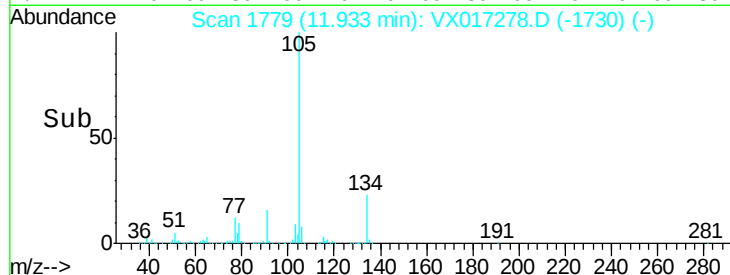
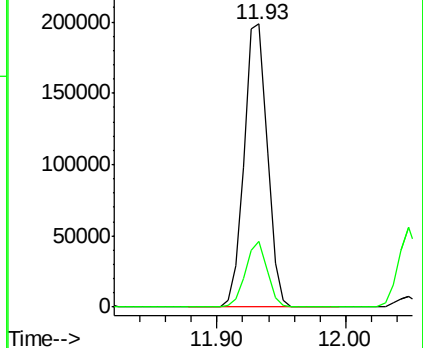
MMDadoda

7/9/2020 11:00:03 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.267 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

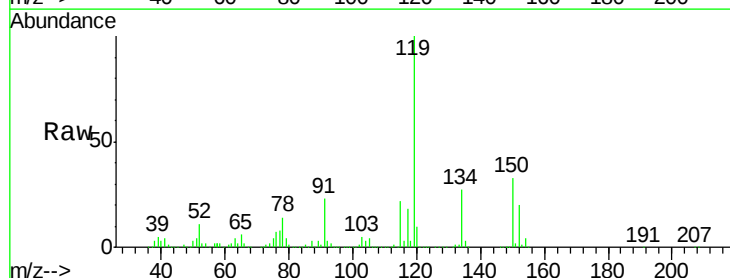
Tgt Ion:119 Resp: 239695

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

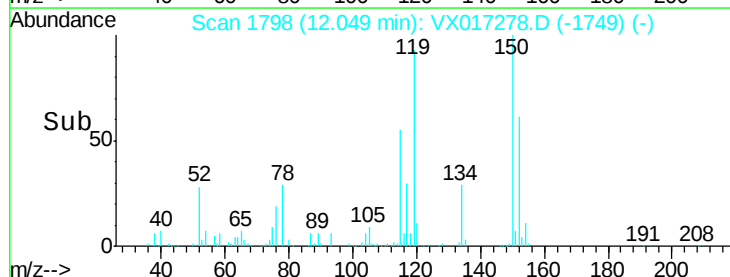
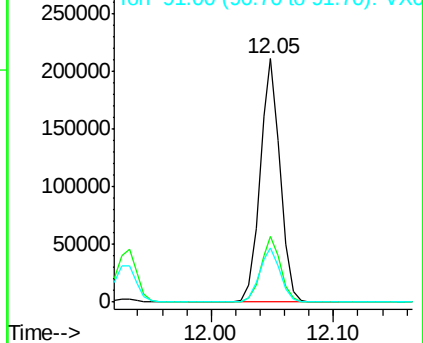
91 23.5 11.8 35.4

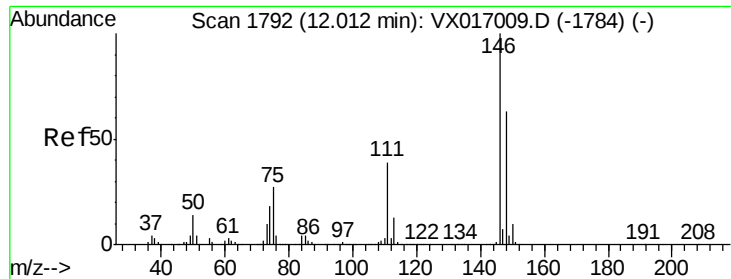


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.118 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

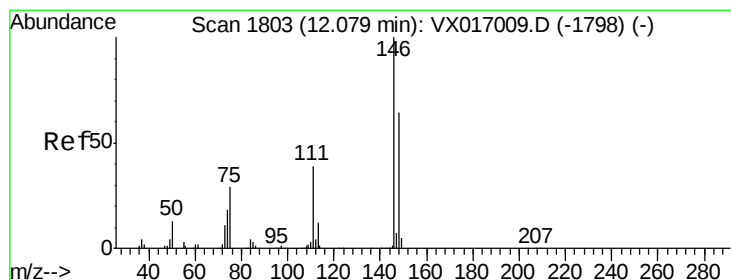
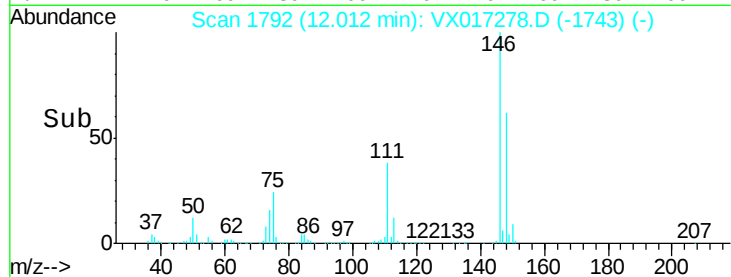
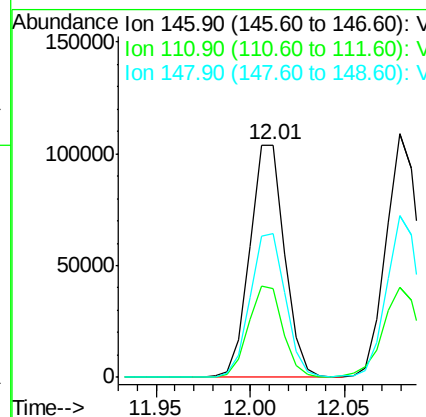
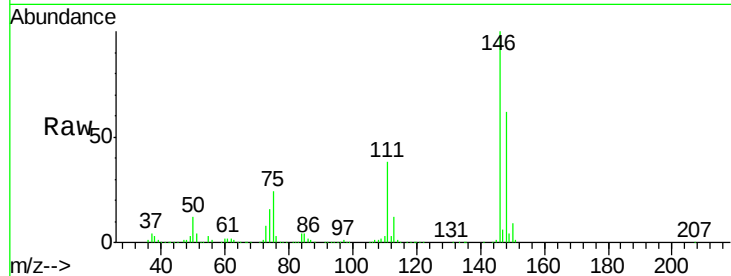
ClientSampled :

VX0708WBS03

Tot Ion:	146	Resp:	133180
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.4	61.2
148	62.7	32.5	97.5

Manual Integrations
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MMDadoda
7/9/2020 11:00:03 AM



#88

1,4-Dichlorobenzene

Concen: 19.291 ug/l

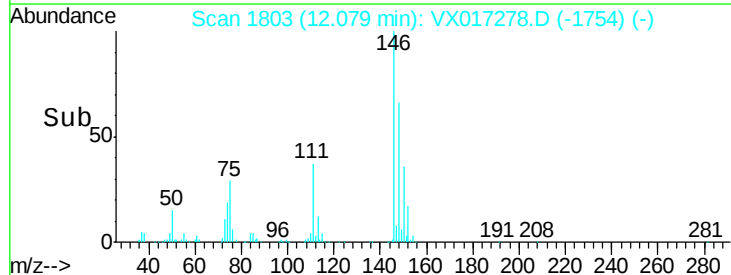
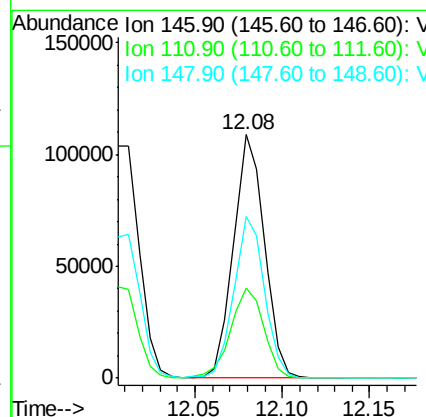
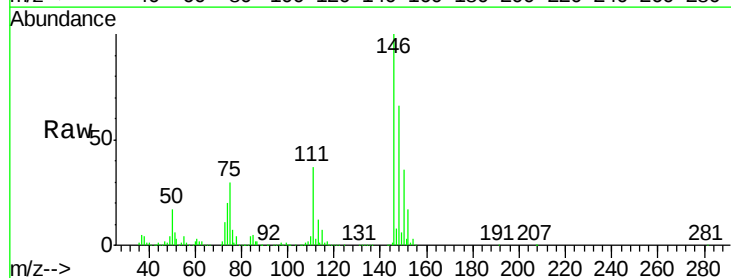
RT: 12.08 min Scan# 1803

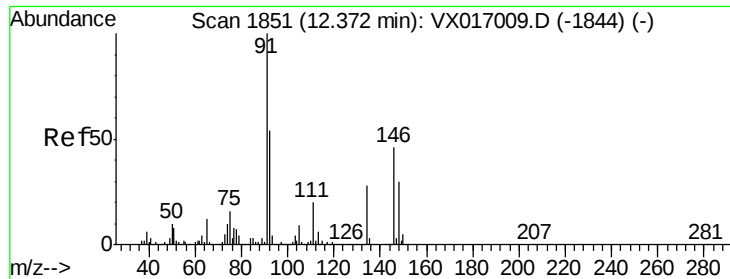
Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	146	Resp:	134547
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.5	58.5
148	65.5	31.9	95.7





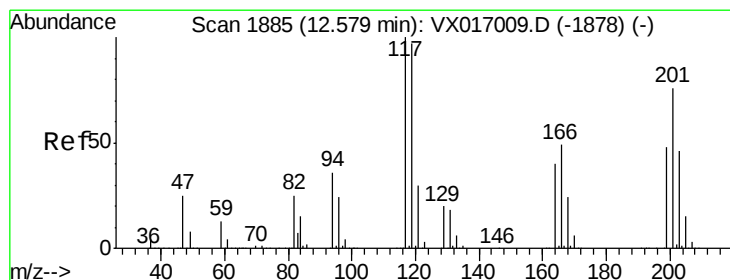
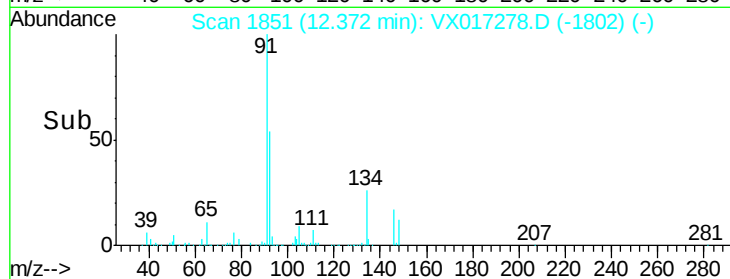
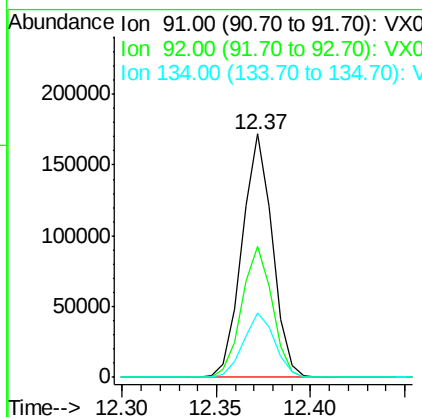
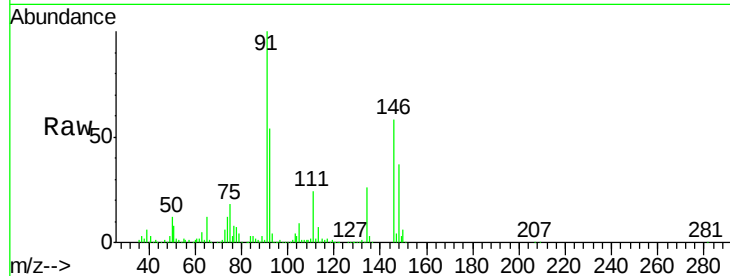
#89
n-Butylbenzene
Concen: 16.342 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.1	13.6	40.7

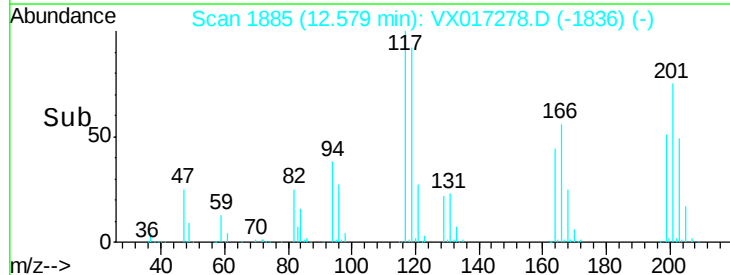
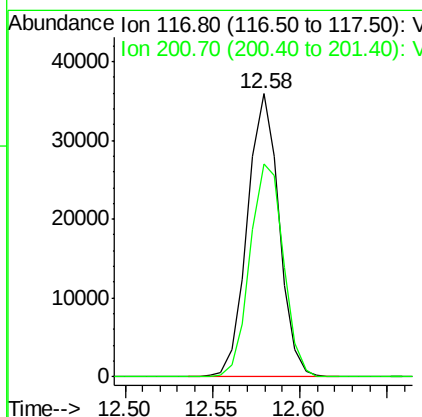
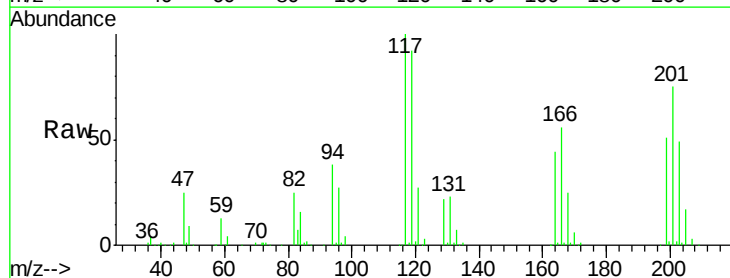
Manual Integrations
APPROVED

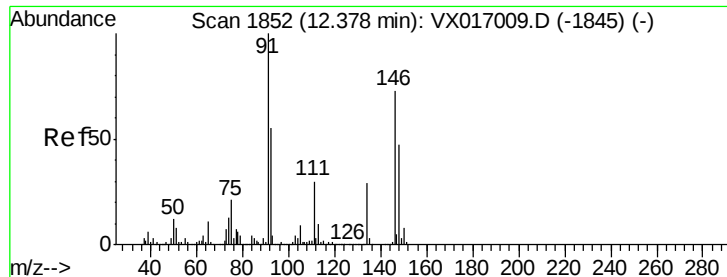
MMDadoda
7/9/2020 11:00:03 AM



#90
Hexachloroethane
Concen: 17.594 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017278.D
Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	39.4	118.2





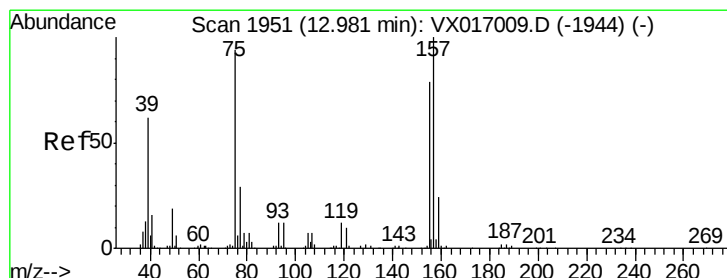
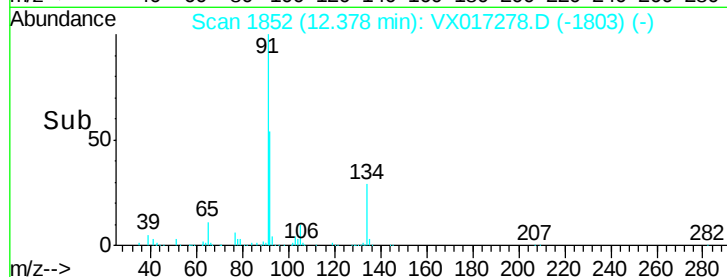
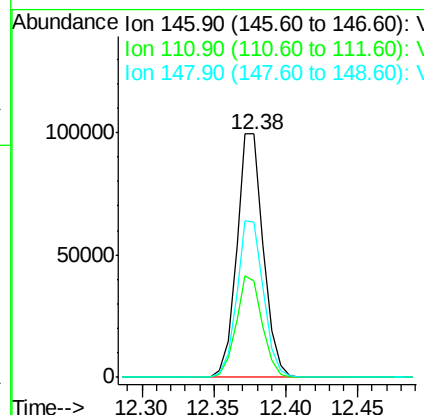
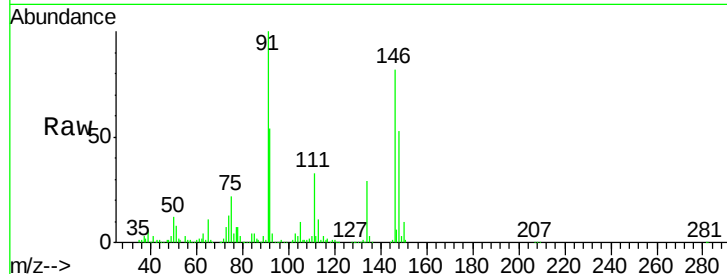
#91
 1,2-Dichlorobenzene
 Concen: 18.633 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS03

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128028		
111	40.9		20.6	61.9
148	64.6		32.4	97.2

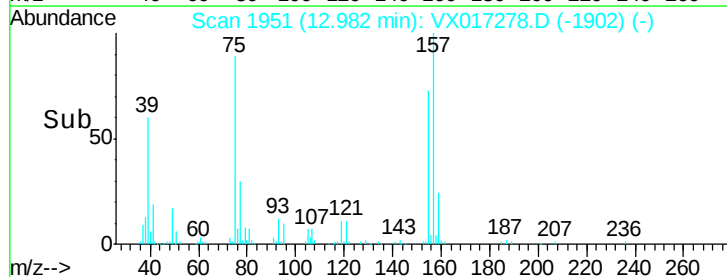
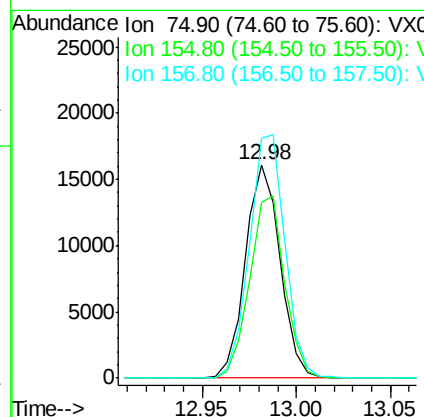
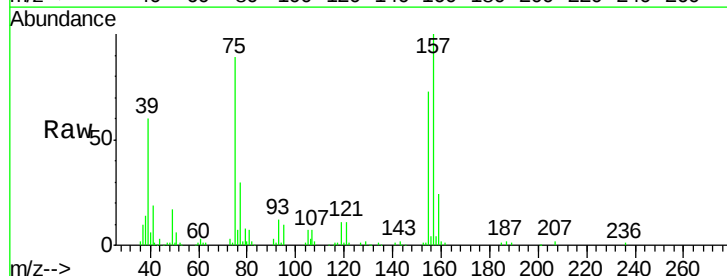
Manual Integrations
 APPROVED

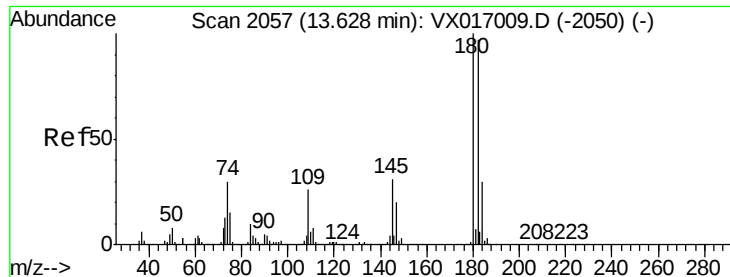
MMDadoda
 7/9/2020 11:00:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.526 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20472		
155	86.6		45.1	135.2
157	117.2		56.5	169.3





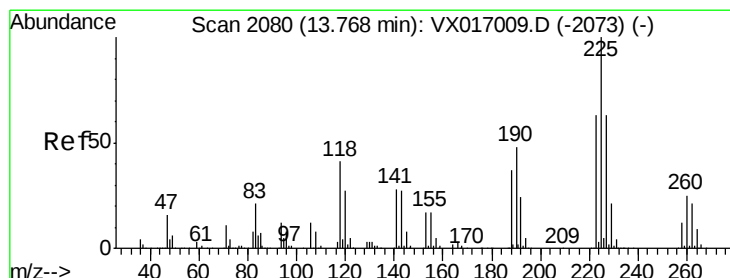
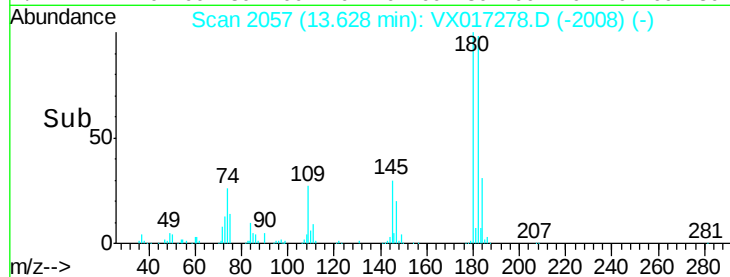
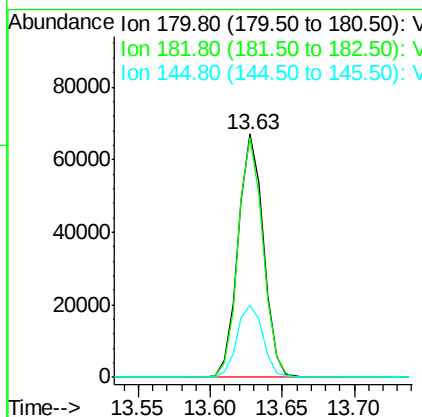
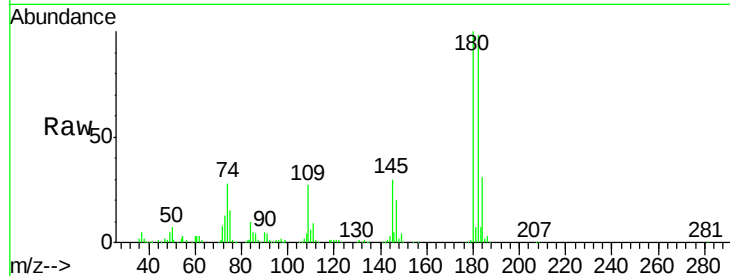
#93
 1,2,4-Trichlorobenzene
 Concen: 17.487 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.9
145	30.6	15.4	46.2

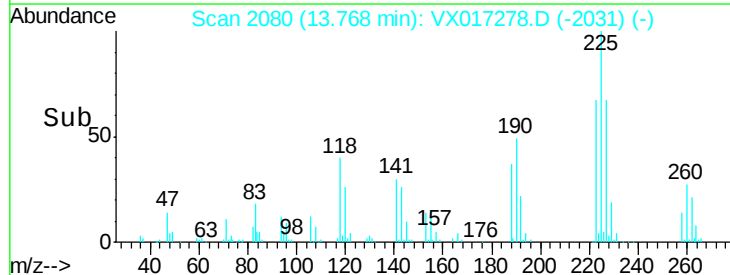
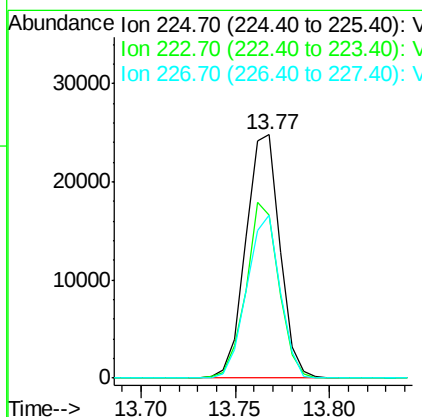
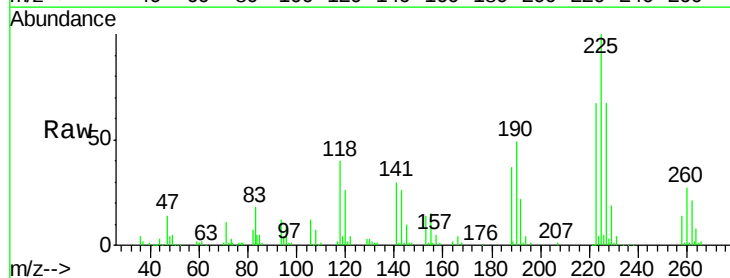
Manual Integrations
 APPROVED

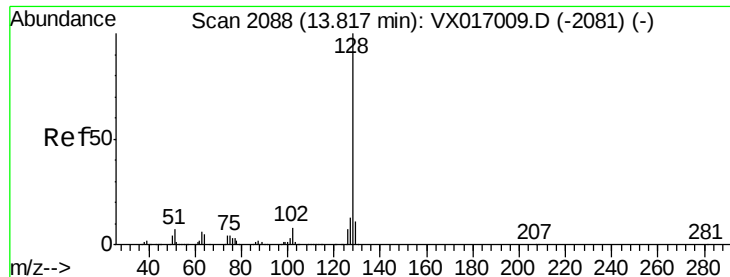
MMDadoda
 7/9/2020 11:00:03 AM



#94
 Hexachlorobutadiene
 Concen: 18.051 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017278.D
 Acq: 09 Jul 2020 00:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.9	32.5	97.5
227	65.1	33.1	99.2





#95

Naphthalene

Concen: 18.474 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Instrument :

MSVOA_X

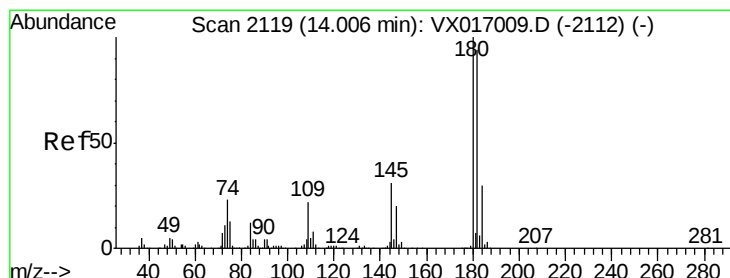
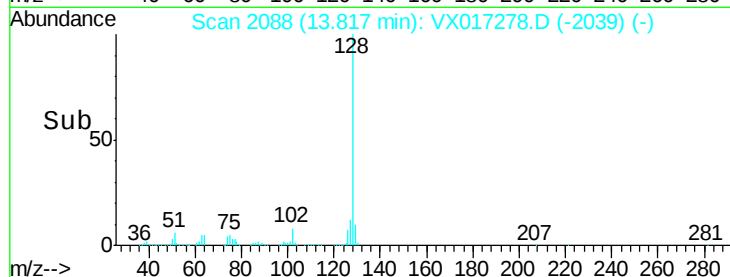
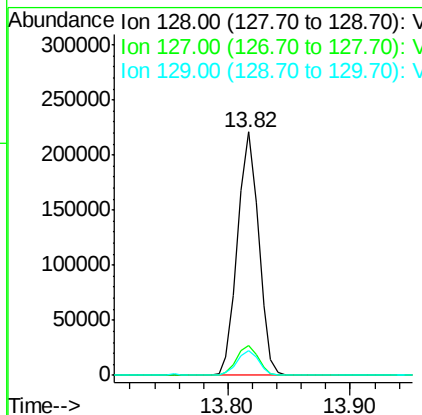
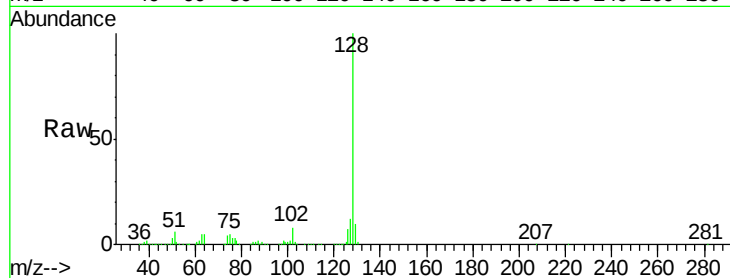
ClientSampleId :

VX0708WBS03

Tot Ion:	128	Resp:	263398
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.475 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017278.D

Acq: 09 Jul 2020 00:10

Tgt Ion:	180	Resp:	83854
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.1	141.4
145	31.6	16.6	49.7

