

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017242.D
 Acq On : 08 Jul 2020 07:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:12 AM

Quant Time: Jul 08 07:26:30 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	5.63	168	238686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165025	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	5.46	113	132375	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	8.70	98	452221	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.12	95	190426	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76958	33.327	ug/l	100
3) Chloromethane	1.31	50	105416	37.715	ug/l	98
4) Vinyl Chloride	1.39	62	105309	40.608	ug/l	96
5) Bromomethane	1.62	94	65258	47.629	ug/l	98
6) Chloroethane	1.70	64	71991	47.003	ug/l	95
7) Trichlorofluoromethane	1.91	101	163631	42.663	ug/l	97
8) Diethyl Ether	2.17	74	73202	56.675	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	82270	35.789	ug/l	97
10) Methyl Iodide	2.49	142	120485	40.619	ug/l	99
11) Tert butyl alcohol	3.02	59	160604	286.105	ug/l	99
12) 1,1-Dichloroethene	2.36	96	100801	42.686	ug/l	98
13) Acrolein	2.27	56	94965	283.003	ug/l	98
14) Allyl chloride	2.70	41	188611	43.218	ug/l	98
15) Acrylonitrile	3.12	53	358049	265.329	ug/l	100
16) Acetone	2.42	43	308530	280.286	ug/l	97
17) Carbon Disulfide	2.55	76	272057	41.289	ug/l	99
18) Methyl Acetate	2.75	43	159187	55.397	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	428499	54.066	ug/l	98
20) Methylene Chloride	2.83	84	131658	52.185	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	120684	46.052	ug/l	99
22) Diisopropyl ether	3.83	45	410715	50.848	ug/l	92
23) Vinyl Acetate	3.79	43	1836315	264.563	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225085	48.975	ug/l	100
25) 2-Butanone	4.64	43	488269	266.208	ug/l	99
26) 2,2-Dichloropropane	4.55	77	120314	29.483	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	142481	47.984	ug/l	96
28) Bromochloromethane	4.98	49	111908	50.037	ug/l	94
29) Tetrahydrofuran	5.09	42	318595	262.895	ug/l	99
30) Chloroform	5.18	83	242677	51.509	ug/l	100
31) Cyclohexane	5.56	56	133883	33.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	203012	46.788	ug/l	99
36) 1,1-Dichloropropene	5.77	75	149247	39.949	ug/l	98
37) Ethyl Acetate	4.79	43	187228	49.394	ug/l	98
38) Carbon Tetrachloride	5.75	117	179471	43.616	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	122748	29.530	ug/l	94
40) Benzene	6.11	78	498725	45.435	ug/l	100
41) Methacrylonitrile	5.01	41	105091	49.261	ug/l	99
42) 1,2-Dichloroethane	6.16	62	205338	51.789	ug/l	99
43) Isopropyl Acetate	6.42	43	311879	49.515	ug/l	99
44) Trichloroethene	7.19	130	142329	46.970	ug/l	98
45) 1,2-Dichloropropane	7.49	63	133871	47.484	ug/l	100
46) Dibromomethane	7.63	93	96951	50.370	ug/l	96
47) Bromodichloromethane	7.88	83	201658	50.839	ug/l	99
48) Methyl methacrylate	7.74	41	155729	52.040	ug/l	98
49) 1,4-Dioxane	7.71	88	73379	1082.390	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	981202	261.331	ug/l	100
52) Toluene	8.76	92	320503	46.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	205366	46.925	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	214313	45.680	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	142912	51.040	ug/l	99
56) Ethyl methacrylate	9.16	69	209155	52.481	ug/l	99
57) 1,3-Dichloropropane	9.35	76	236237	49.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	548459	276.514	ug/l	98
59) 2-Hexanone	9.48	43	746618	272.276	ug/l	100
60) Dibromochloromethane	9.57	129	174781	53.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155331	51.610	ug/l	99
64) Tetrachloroethene	9.32	164	135306	42.312	ug/l	97
65) Chlorobenzene	10.12	112	365503	44.694	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	150215	47.662	ug/l	99
67) Ethyl Benzene	10.24	91	596315	43.663	ug/l	97
68) m/p-Xylenes	10.34	106	473483	90.291	ug/l	99
69) o-Xylene	10.68	106	229704	46.046	ug/l	100
70) Styrene	10.70	104	414299	48.770	ug/l	100
71) Bromoform	10.84	173	138458	55.399	ug/l #	99
73) Isopropylbenzene	11.00	105	586074	40.988	ug/l	99
74) N-amyl acetate	10.88	43	283741	46.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	212389	47.221	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202829m	47.250	ug/l	
77) Bromobenzene	11.24	156	181208	46.111	ug/l	95
78) n-propylbenzene	11.34	91	657041	40.635	ug/l	100
79) 2-Chlorotoluene	11.40	91	427687	43.704	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	516898	43.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	64499	38.910	ug/l	94
82) 4-Chlorotoluene	11.49	91	516569	44.157	ug/l	99
83) tert-Butylbenzene	11.76	119	493165	42.358	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	540489	44.920	ug/l	99
85) sec-Butylbenzene	11.93	105	532677	38.922	ug/l	100
86) p-Isopropyltoluene	12.05	119	521543	40.936	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	310644	43.524	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316545	47.018	ug/l	99
89) n-Butylbenzene	12.37	91	414757	36.459	ug/l	99
90) Hexachloroethane	12.58	117	104612	41.638	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	310735	46.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49146	45.804	ug/l	95

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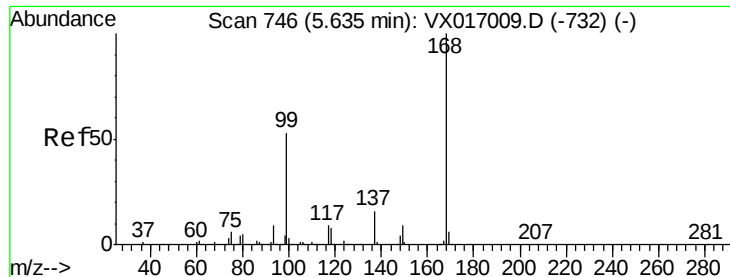
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	192685	42.315	ug/l	99
94) Hexachlorobutadiene	13.77	225	61002	35.546	ug/l	98
95) Naphthalene	13.82	128	653990	47.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	194000	44.022	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 238686

Ion Ratio Lower Upper

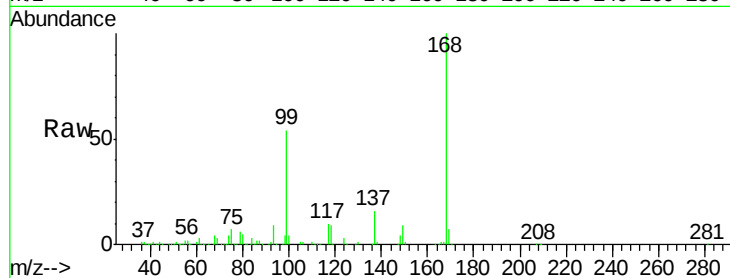
168 100

99 54.1 42.6 64.0

Manual Integrations
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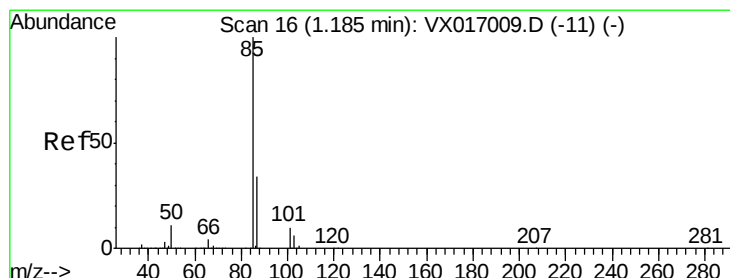
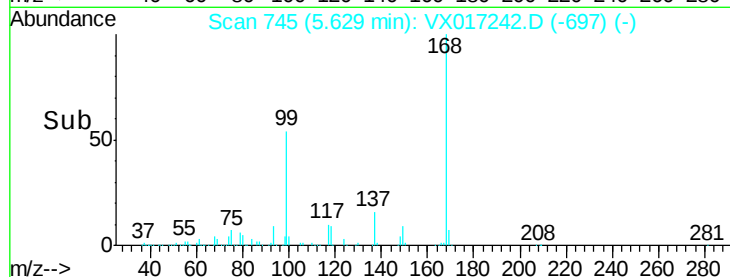
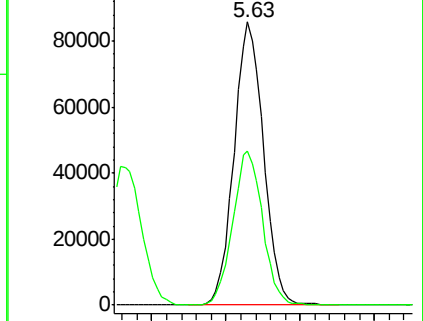
MMDadoda

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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: 33.327 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017242.D

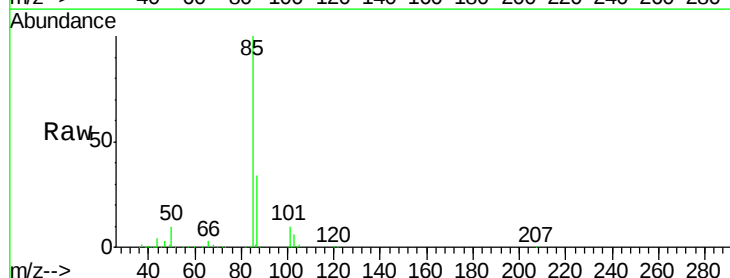
Acq: 08 Jul 2020 07:02

Tgt Ion: 85 Resp: 76958

Ion Ratio Lower Upper

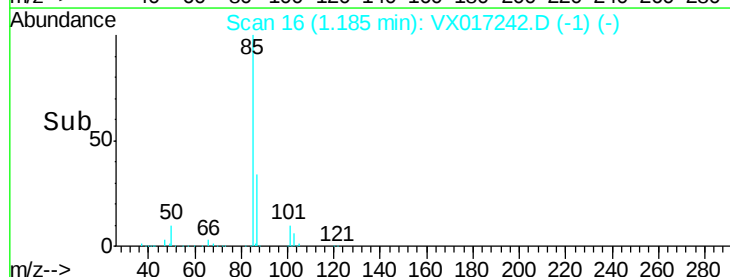
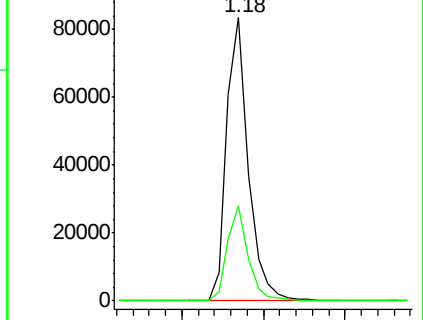
85 100

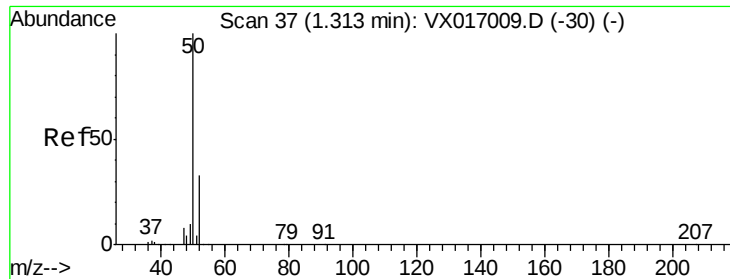
87 33.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.715 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 105416

Ion Ratio Lower Upper

50 100

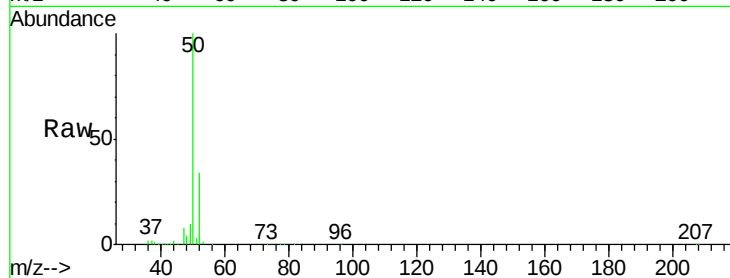
52 33.9 26.1 39.1

Manual Integrations

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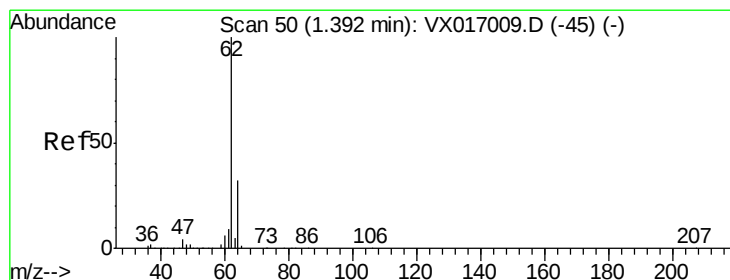
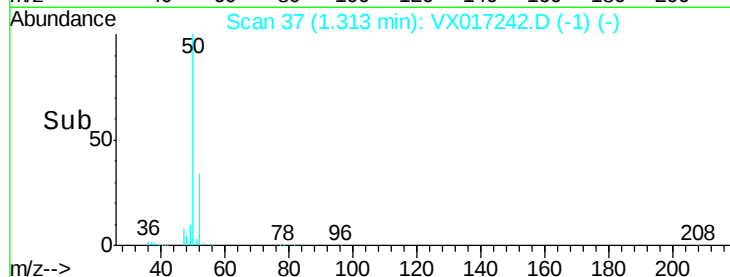
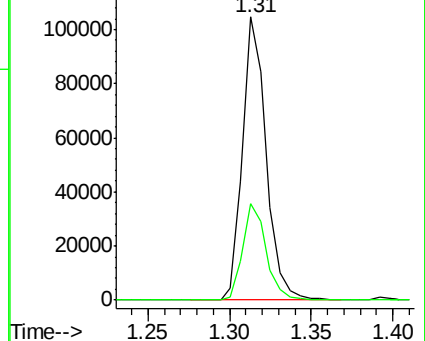
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 40.608 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017242.D

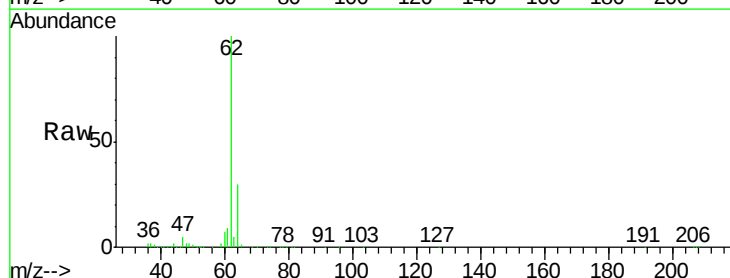
Acq: 08 Jul 2020 07:02

Tgt Ion: 62 Resp: 105309

Ion Ratio Lower Upper

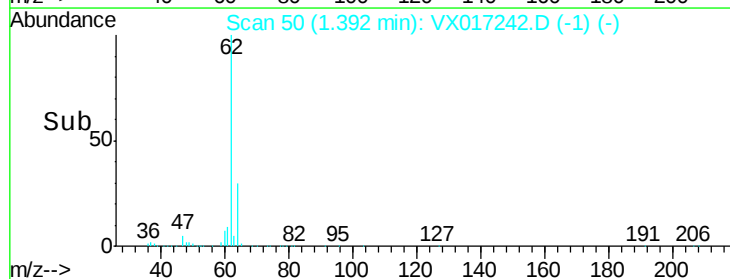
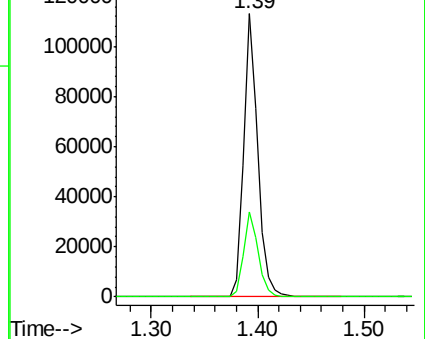
62 100

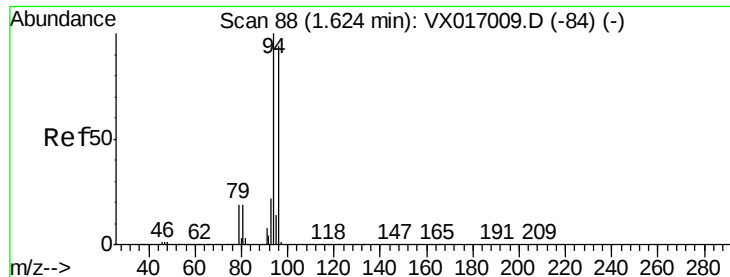
64 30.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.629 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65258

Ion Ratio Lower Upper

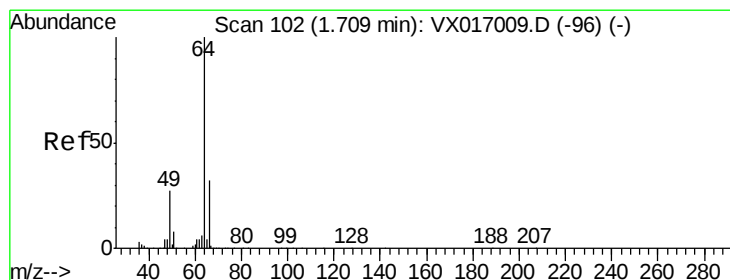
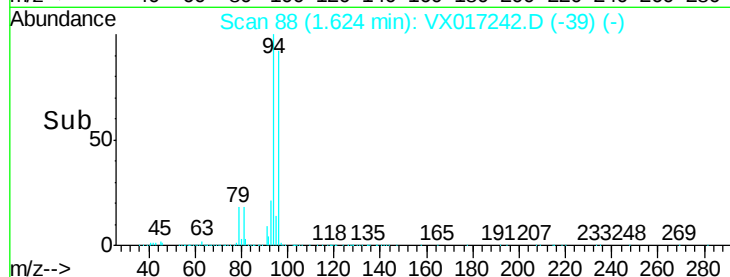
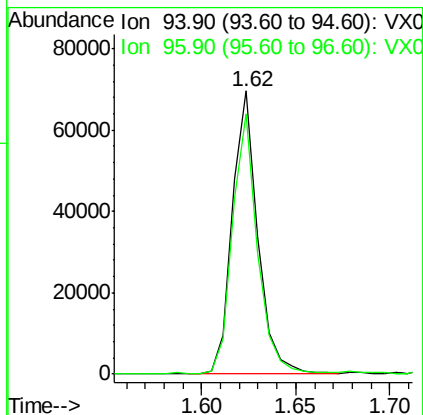
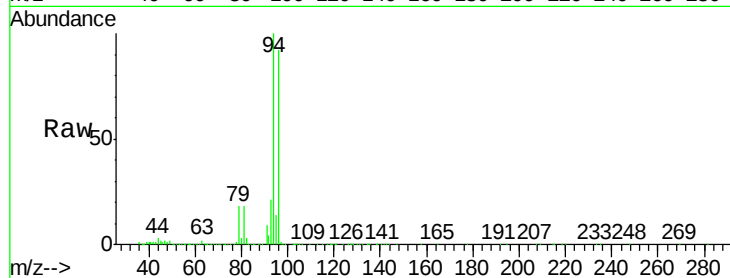
94 100

96 91.8 75.0 112.4

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#6

Chloroethane

Concen: 47.003 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017242.D

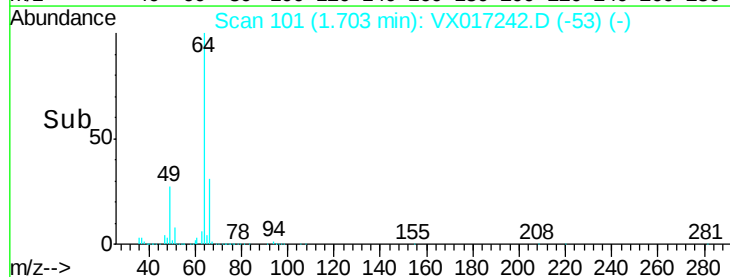
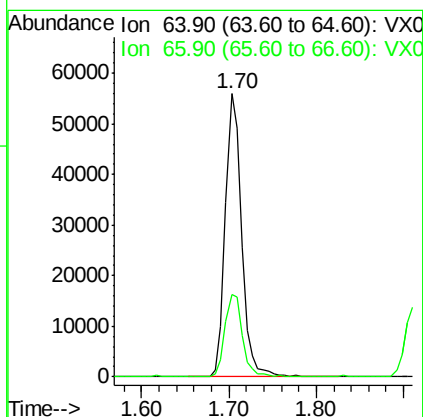
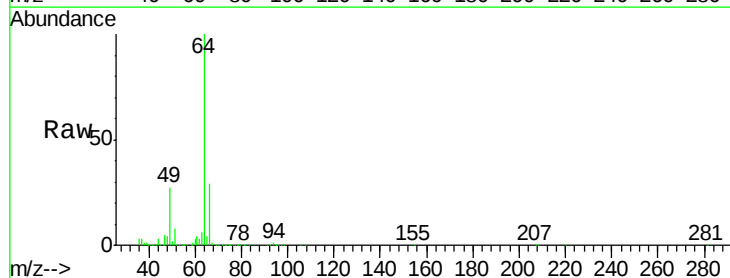
Acq: 08 Jul 2020 07:02

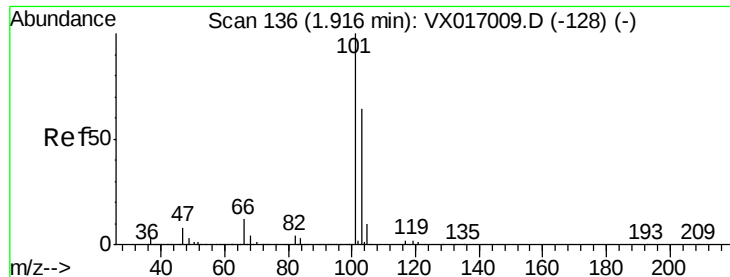
Tgt Ion: 64 Resp: 71991

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3





#7

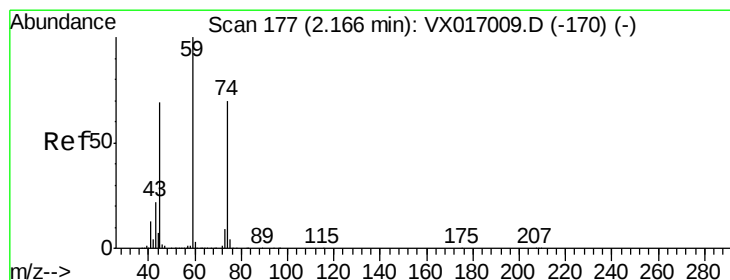
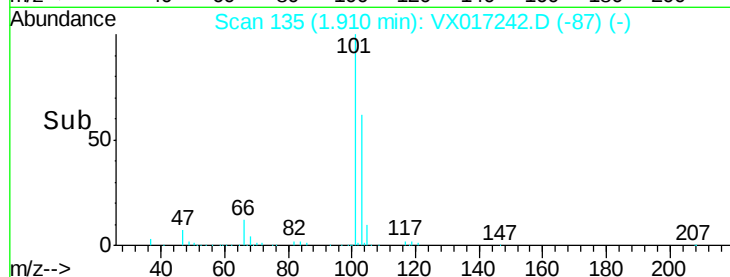
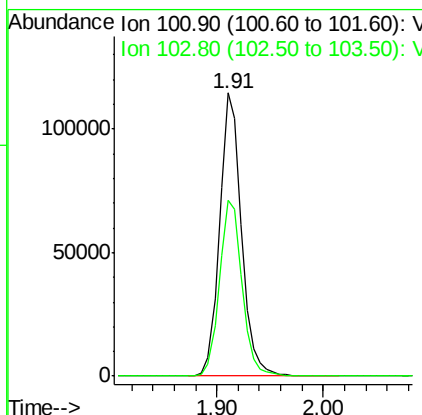
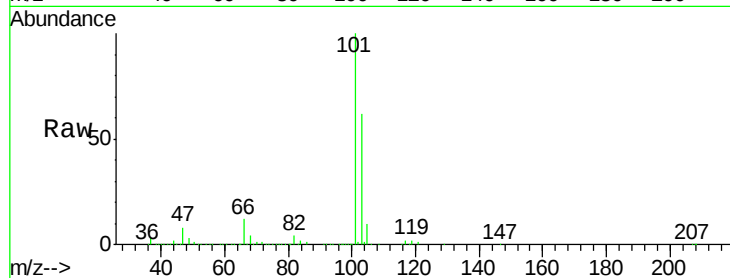
Trichlorofluoromethane
Concen: 42.663 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.5	77.3

Manual Integrations
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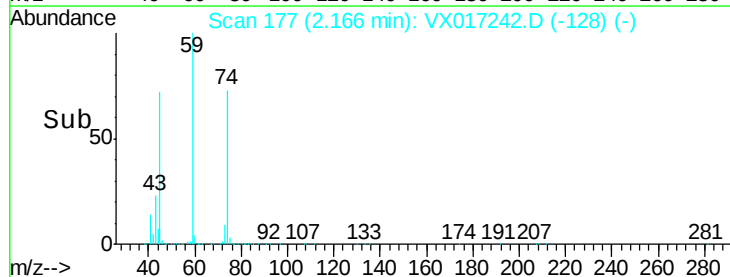
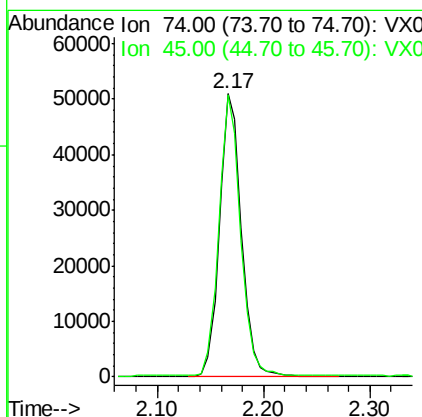
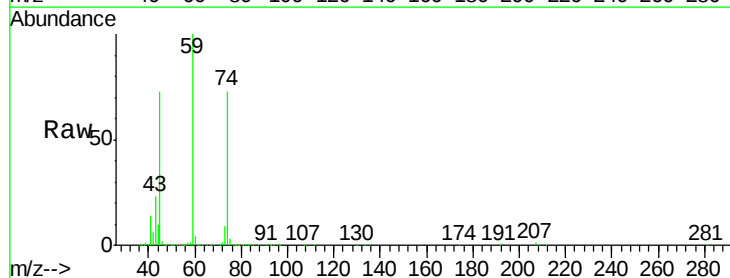
MMDadoda
7/8/2020 9:32:12 AM

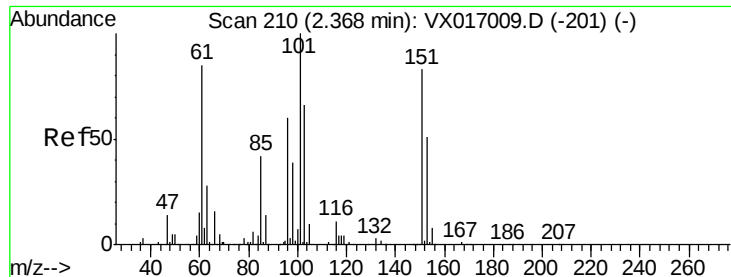


#8

Diethyl Ether
Concen: 56.675 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.789 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

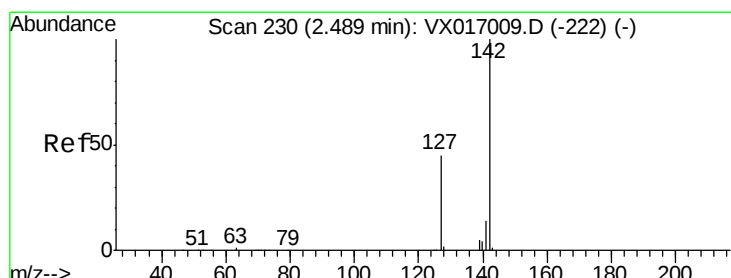
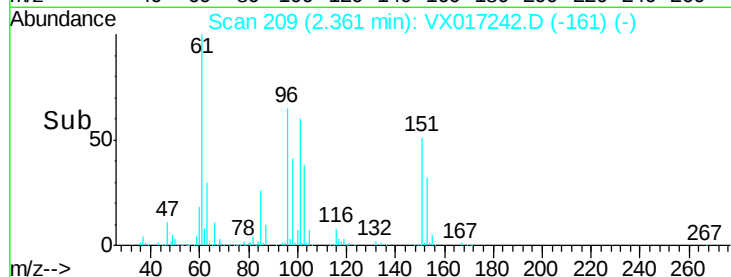
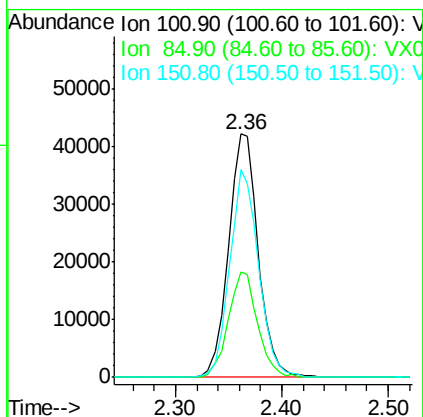
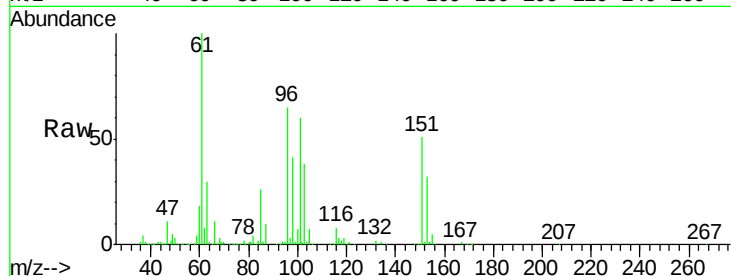
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	82270
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.5	50.3
151	83.2	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.619 ug/l

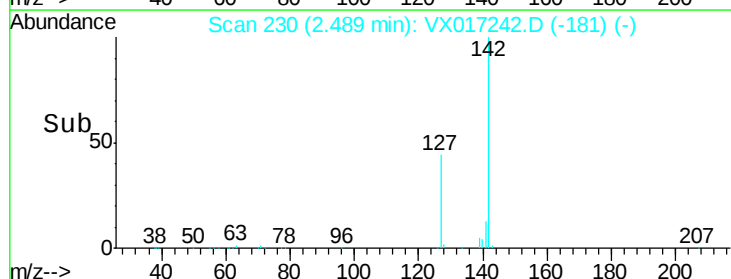
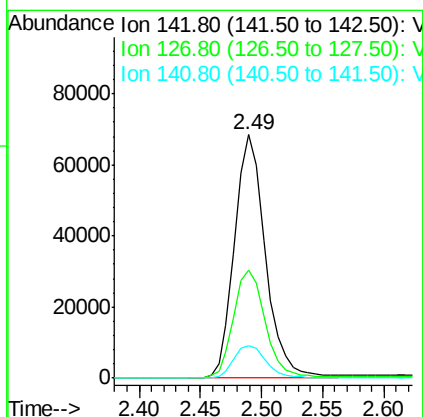
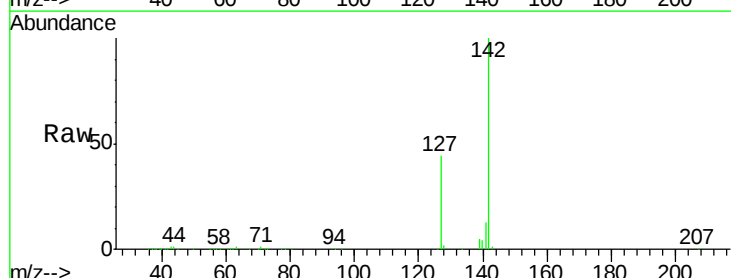
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	142	Resp:	120485
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	54.8
141	14.3	11.6	17.4





#11

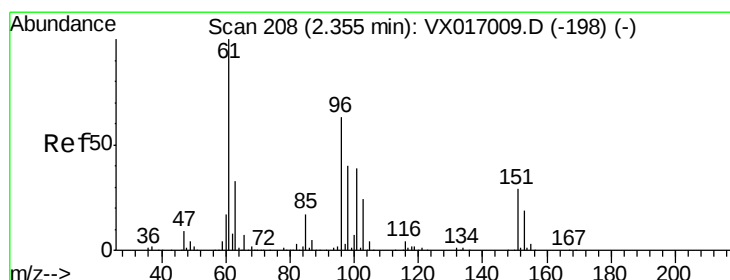
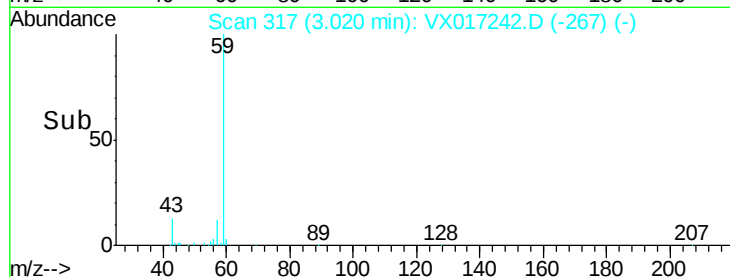
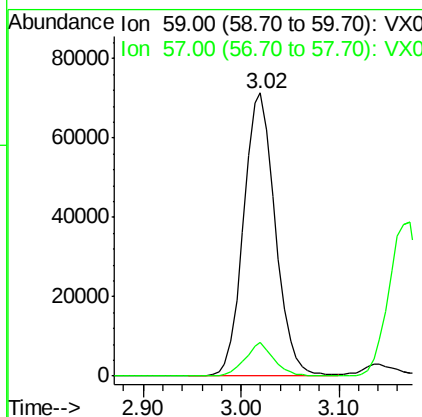
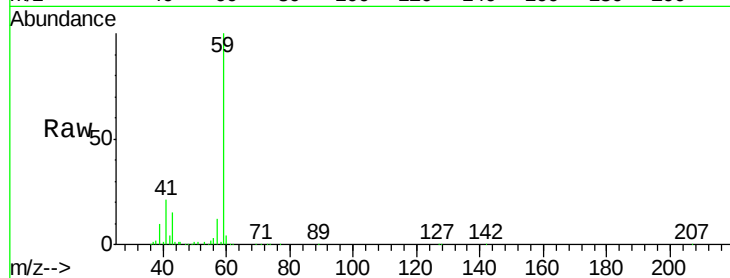
Tert butyl alcohol
Concen: 286.105 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

Manual Integrations
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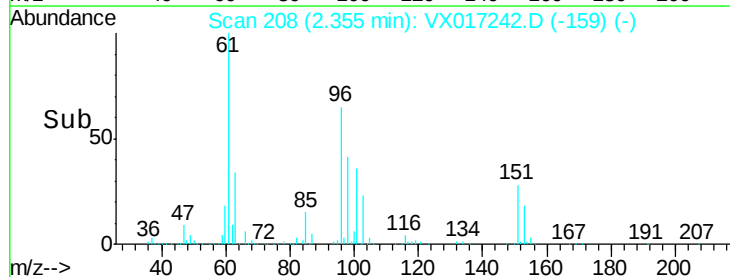
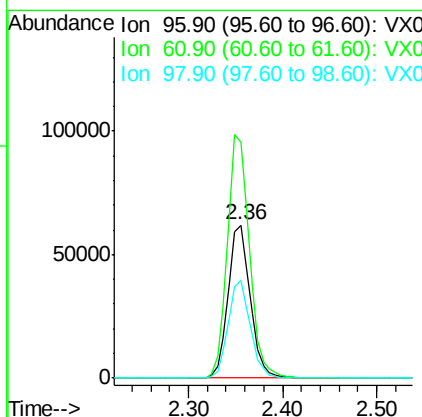
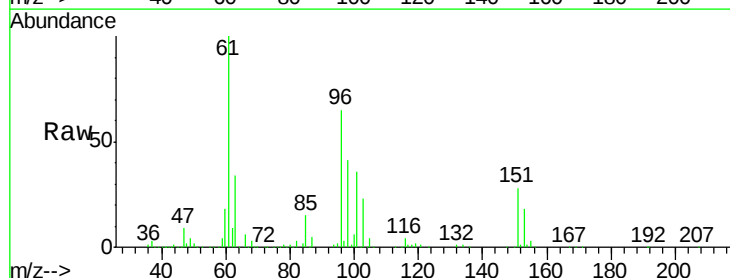
MMDadoda
7/8/2020 9:32:12 AM

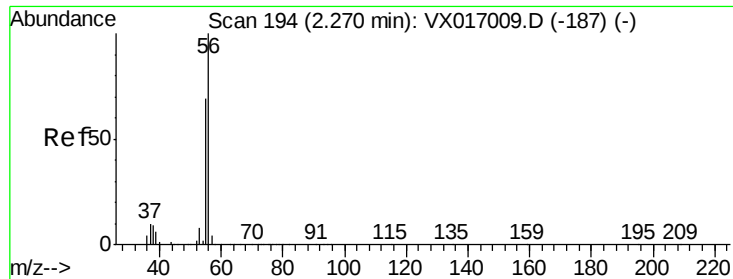


#12

1,1-Dichloroethene
Concen: 42.686 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	126.3	189.5
98	64.2	51.0	76.6





#13

Acrolein

Concen: 283.003 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94965

Ion Ratio Lower Upper

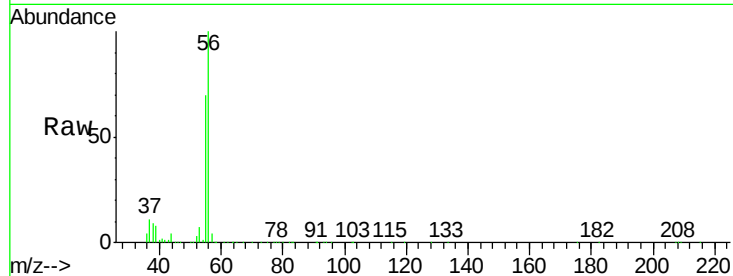
56 100

55 71.0 55.7 83.5

Manual Integrations
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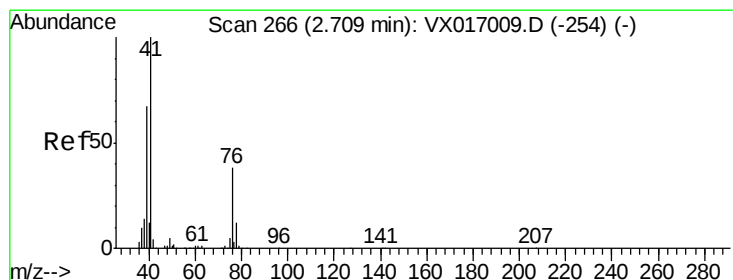
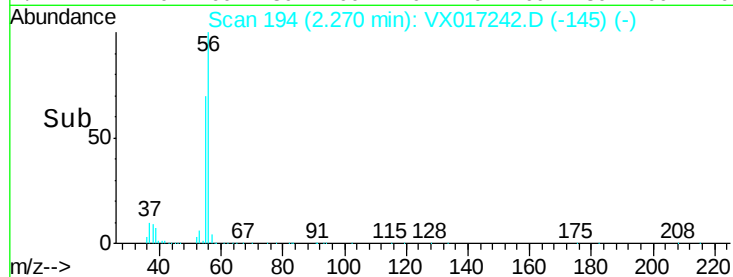
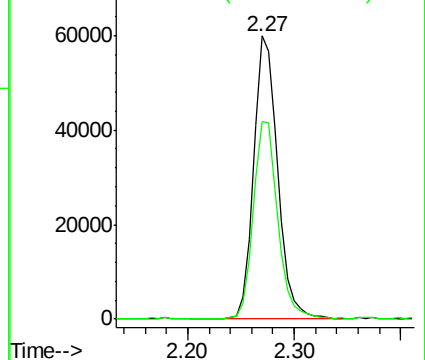
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.218 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

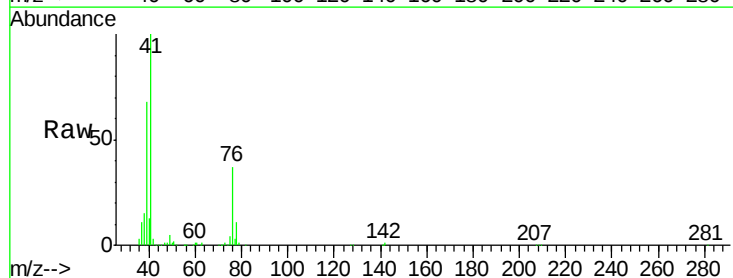
Tgt Ion: 41 Resp: 188611

Ion Ratio Lower Upper

41 100

39 63.9 49.4 74.2

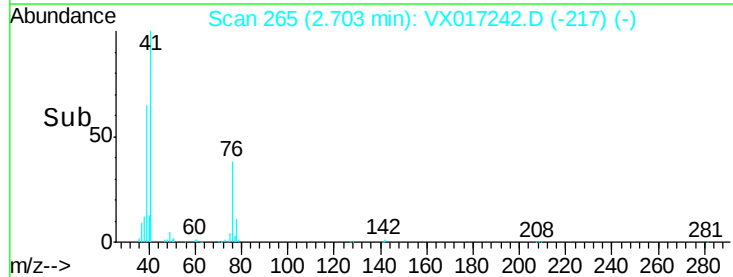
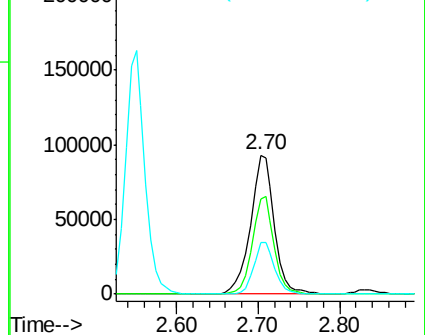
76 33.1 26.8 40.2

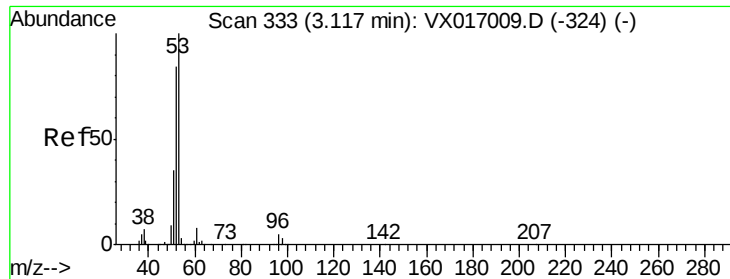


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.329 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

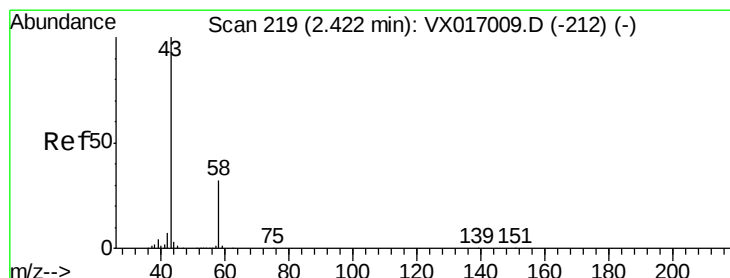
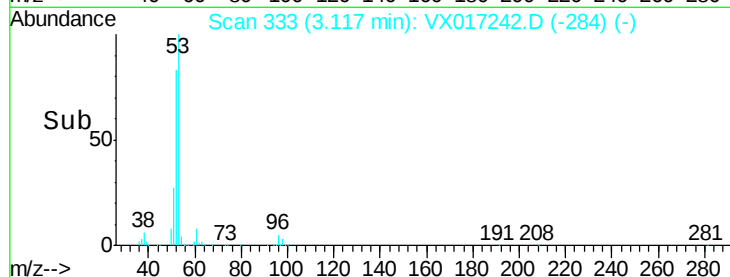
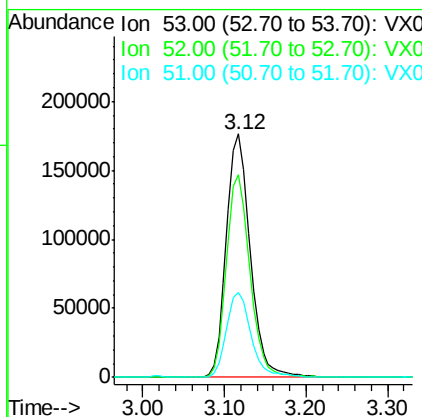
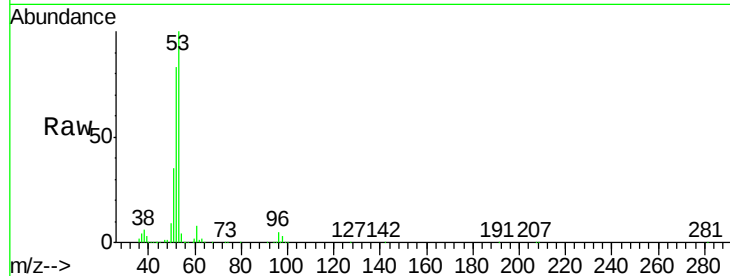
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	358049
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.6	98.4
51	35.9	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 280.286 ug/l

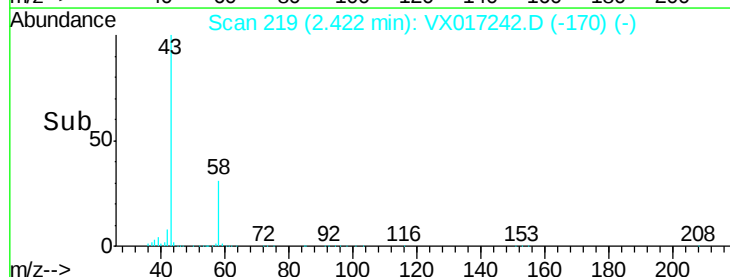
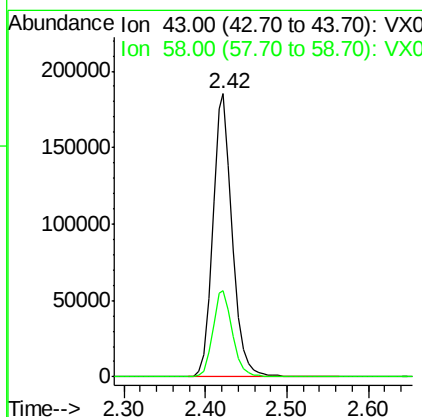
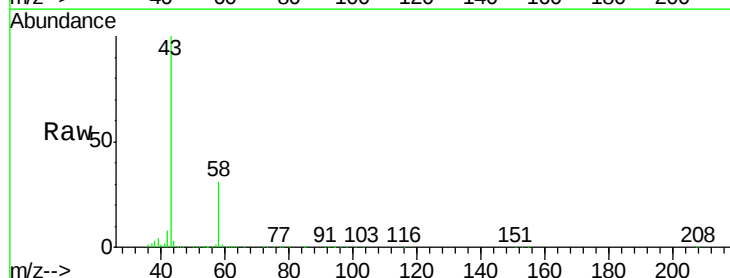
RT: 2.42 min Scan# 219

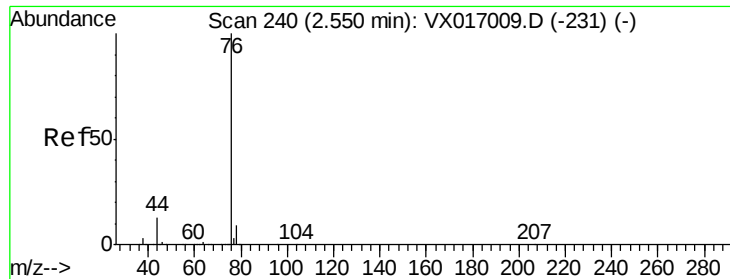
Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	43	Resp:	308530
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.7	38.5





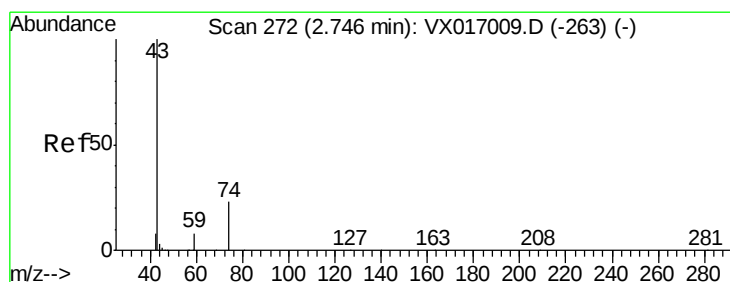
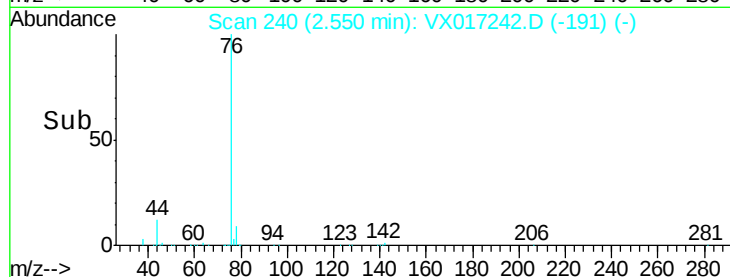
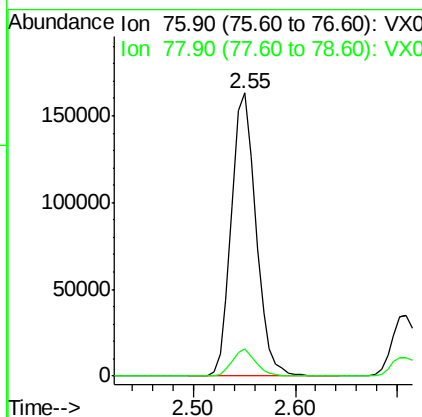
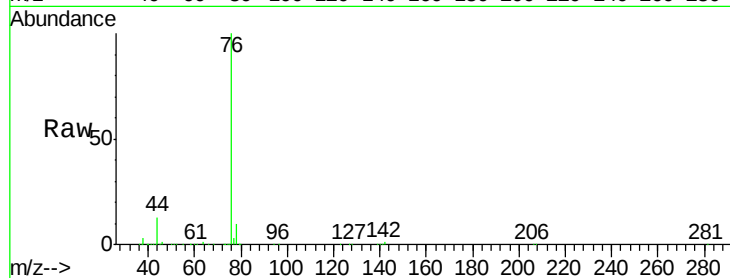
#17
Carbon Disulfide
Concen: 41.289 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

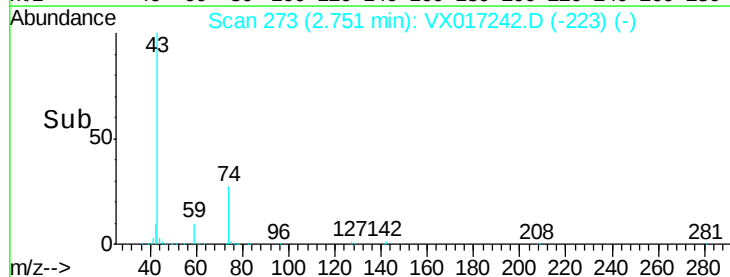
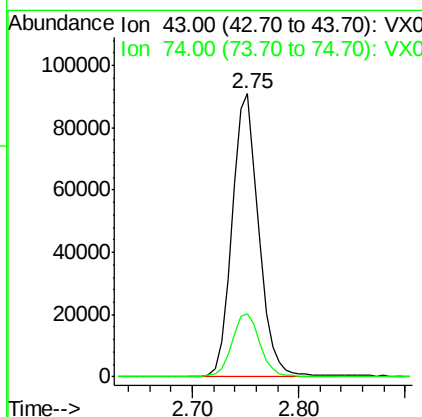
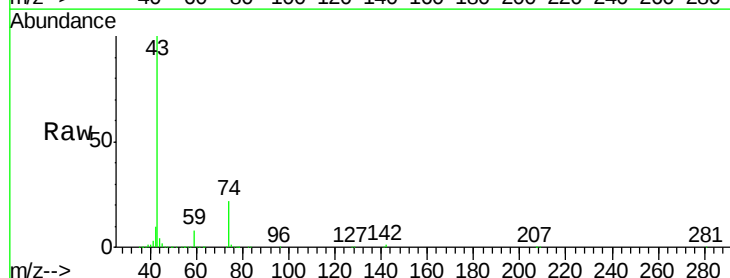
Manual Integrations
APPROVED

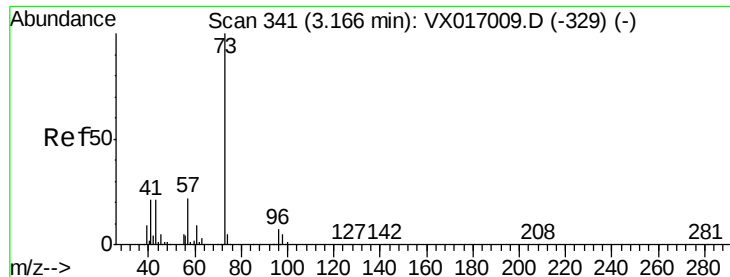
MMDadoda
7/8/2020 9:32:12 AM



#18
Methyl Acetate
Concen: 55.397 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.3	28.9





#19

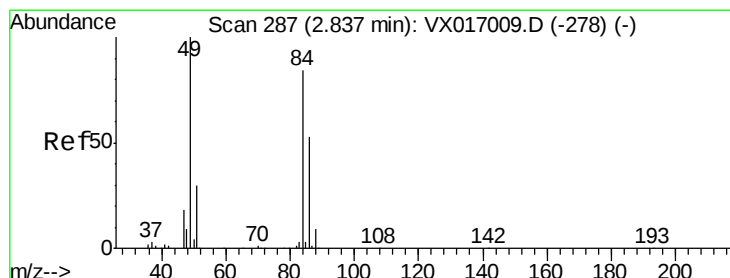
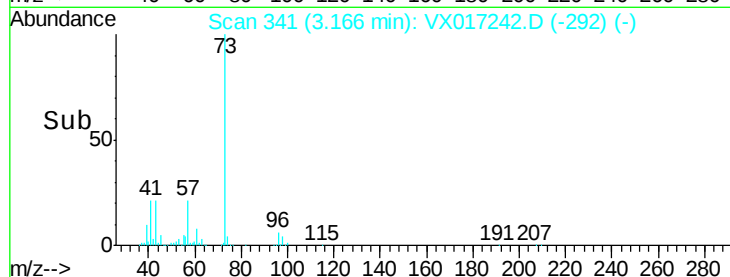
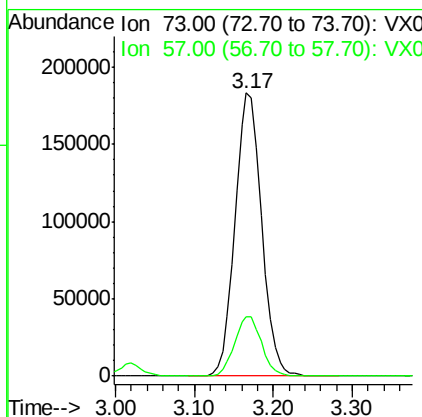
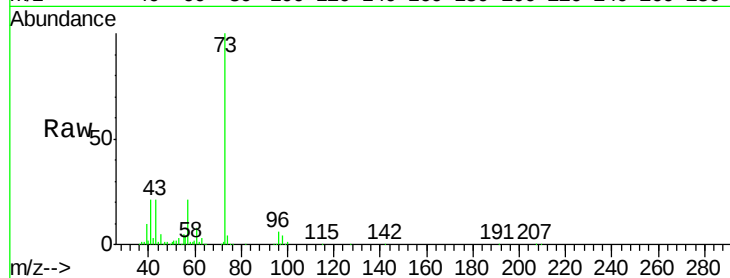
Methyl tert-butyl Ether
 Concen: 54.066 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.6	26.4

Manual Integrations
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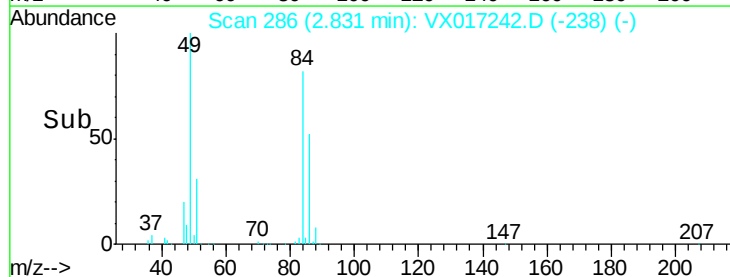
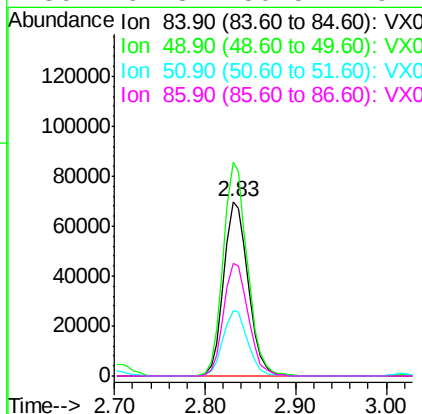
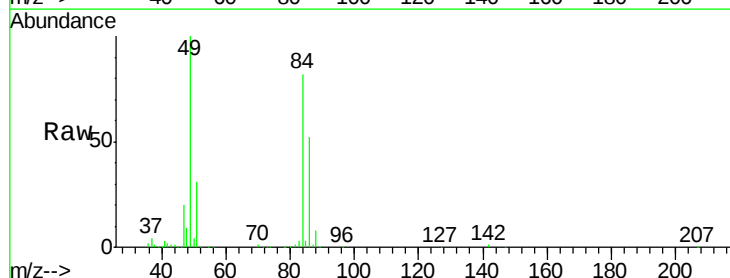
MMDadoda
 7/8/2020 9:32:12 AM

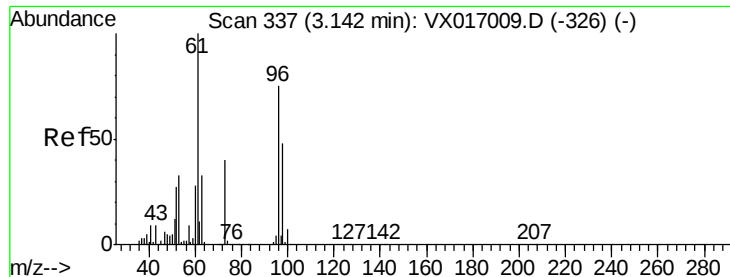


#20

Methylene Chloride
 Concen: 52.185 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	94.7	142.1
51	37.7	28.6	42.8
86	64.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 46.052 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

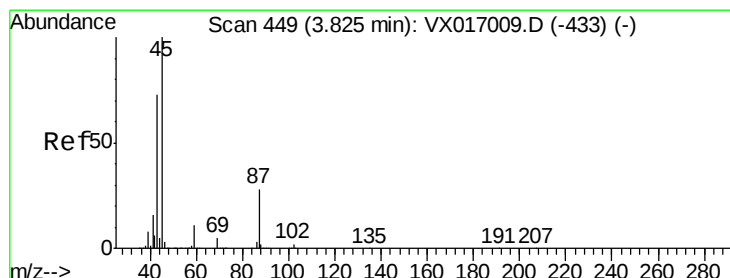
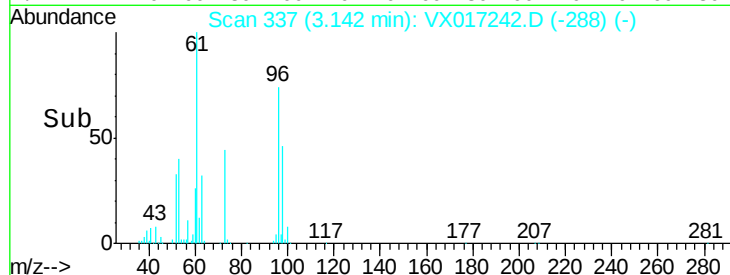
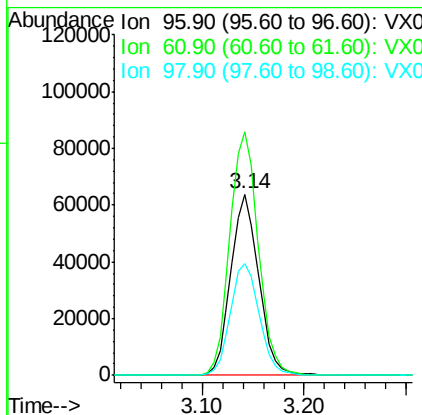
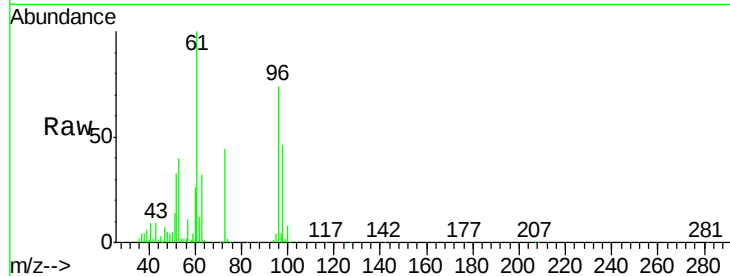
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120684
Ion	Ratio	Lower	Upper
96	100		
61	134.3	107.0	160.6
98	61.7	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.848 ug/l

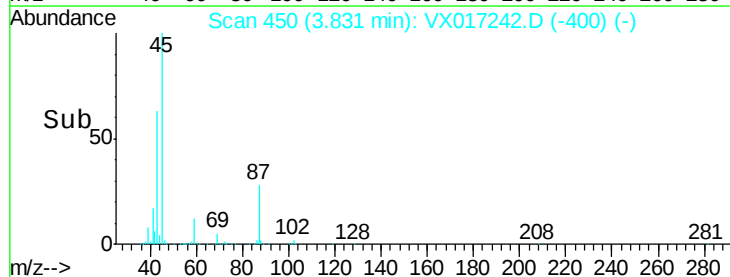
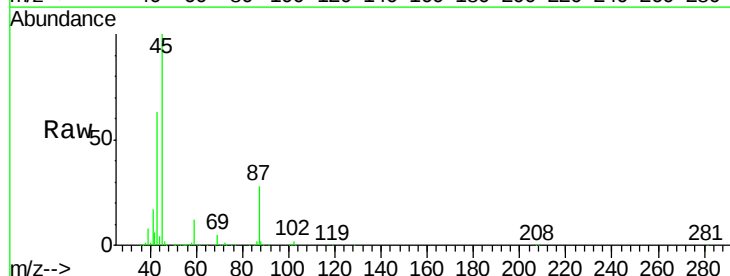
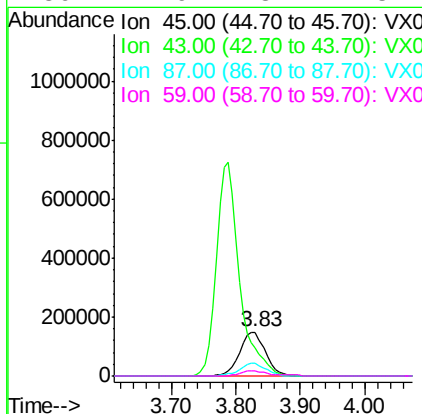
RT: 3.83 min Scan# 450

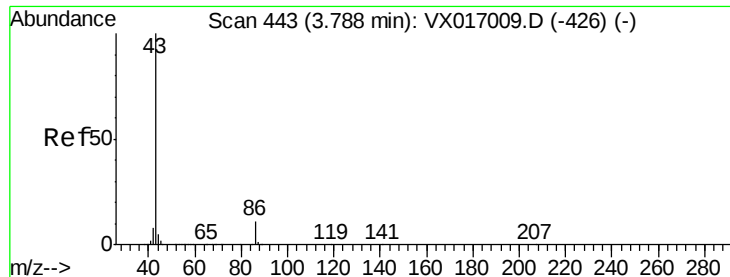
Delta R.T. 0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	45	Resp:	410715
Ion	Ratio	Lower	Upper
45	100		
43	62.8	58.6	88.0
87	28.3	22.6	34.0
59	11.9	8.7	13.1





#23

Vinyl Acetate

Concen: 264.563 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1836315

Ion Ratio Lower Upper

43 100

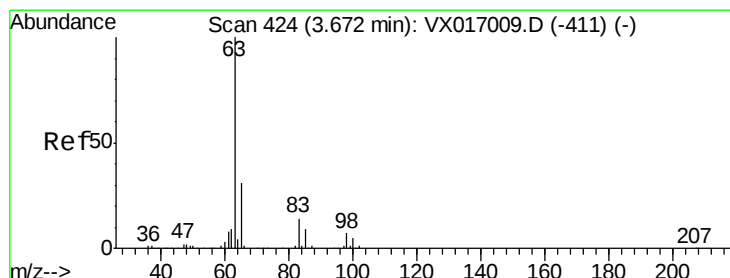
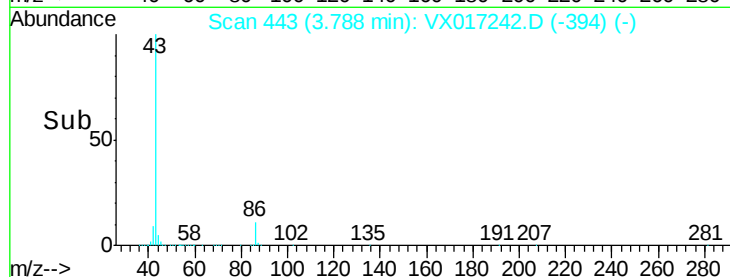
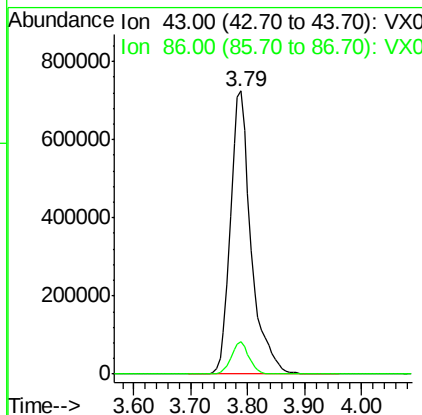
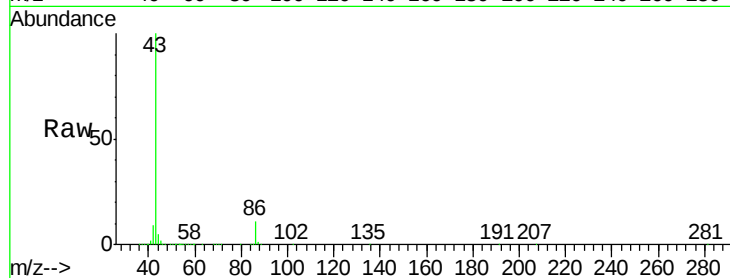
86 11.3 8.6 13.0

Manual Integrations

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MMDadoda

7/8/2020 9:32:12 AM



#24

1,1-Dichloroethane

Concen: 48.975 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

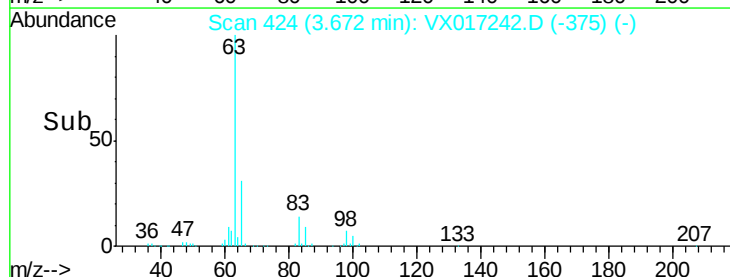
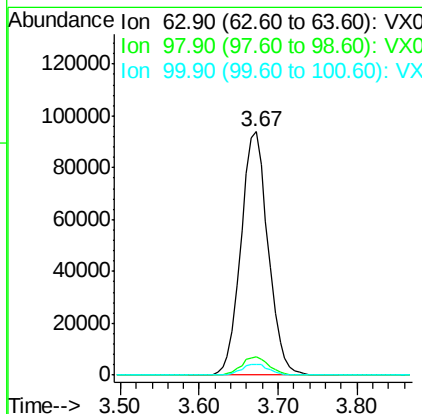
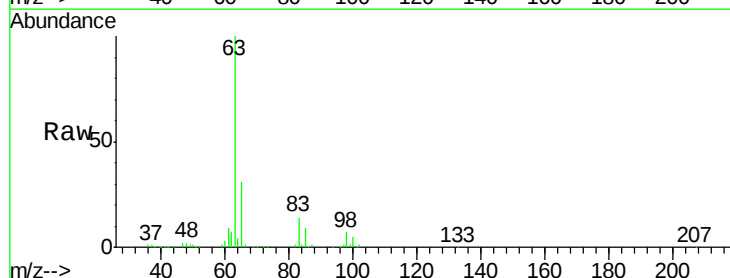
Tgt Ion: 63 Resp: 225085

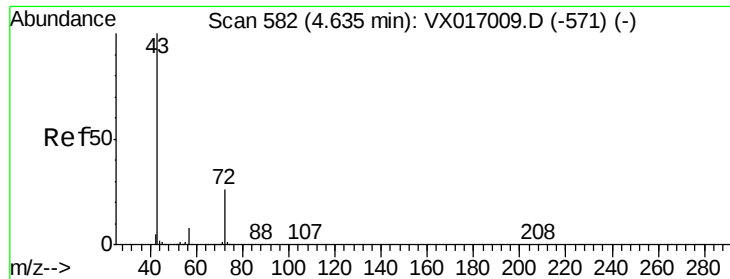
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 266.208 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 488269

Ion Ratio Lower Upper

43 100

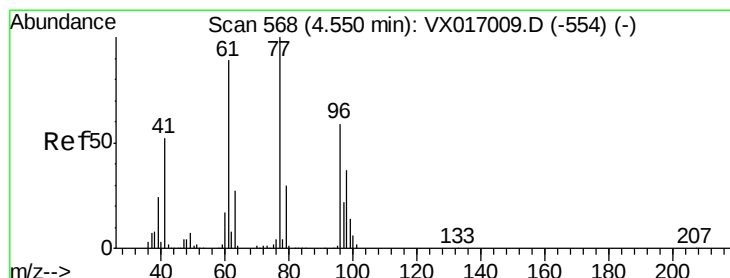
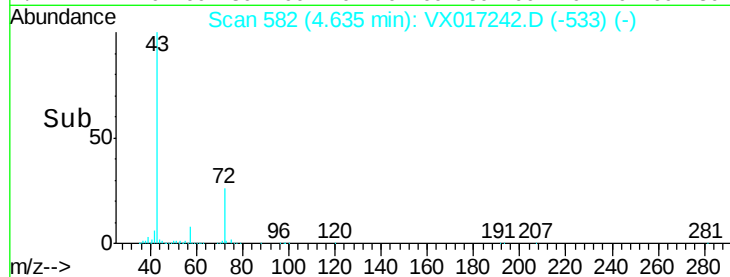
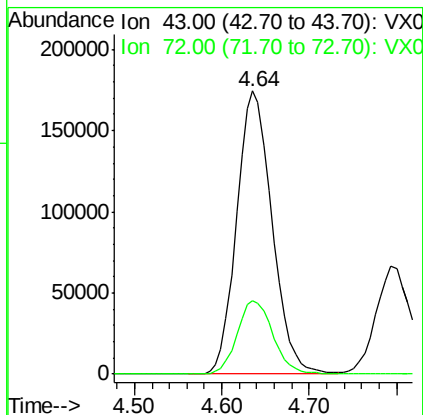
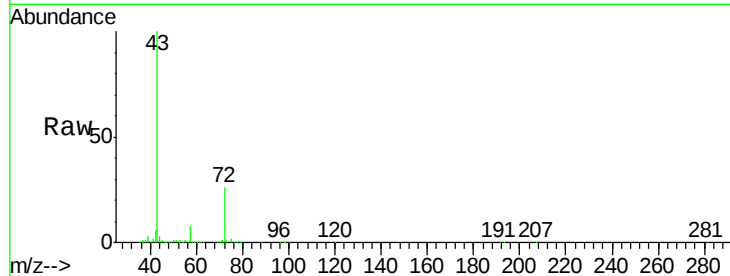
72 25.7 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:12 AM



#26

2,2-Dichloropropane

Concen: 29.483 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017242.D

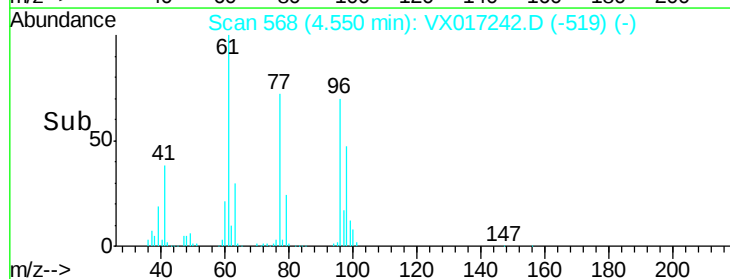
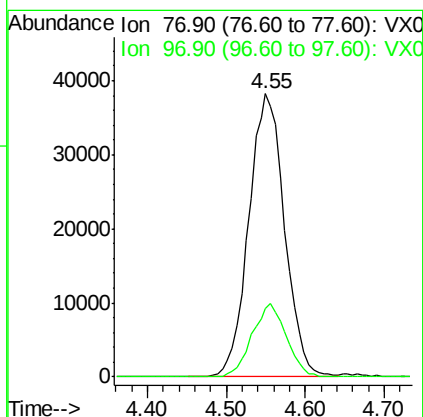
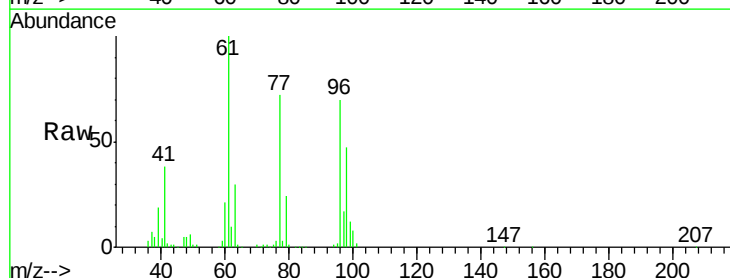
Acq: 08 Jul 2020 07:02

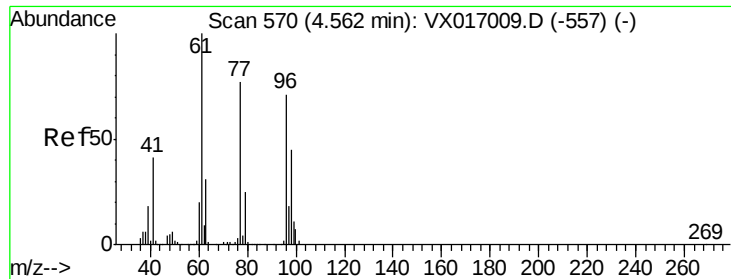
Tgt Ion: 77 Resp: 120314

Ion Ratio Lower Upper

77 100

97 24.8 11.4 34.2





#27

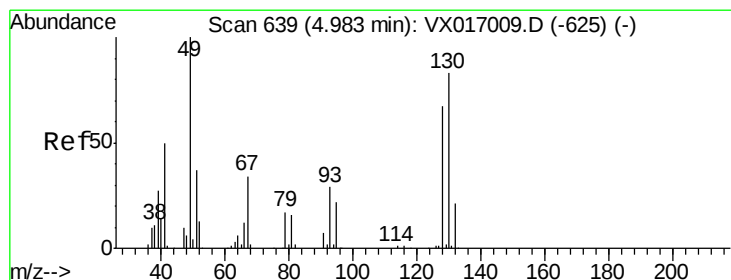
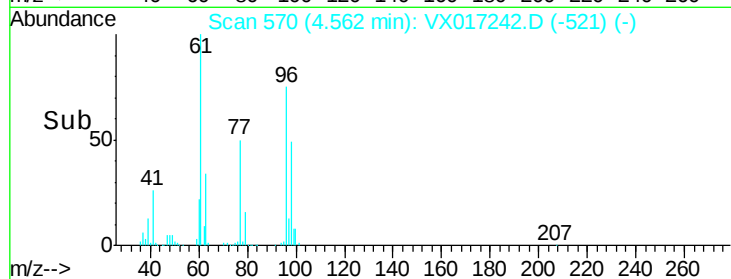
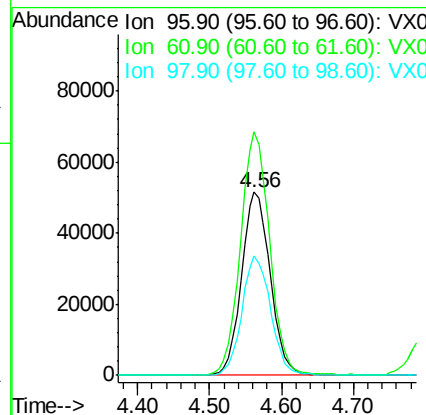
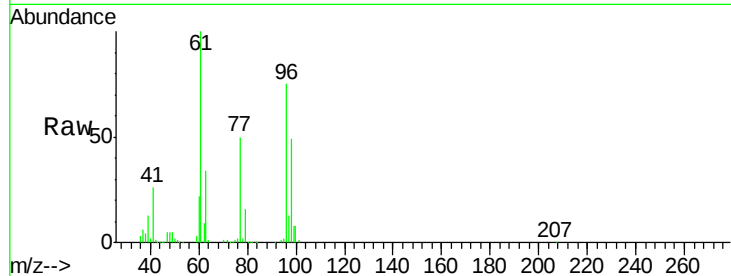
cis-1,2-Dichloroethene
 Concen: 47.984 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	282.8
98	64.9	0.0	127.6

Manual Integrations
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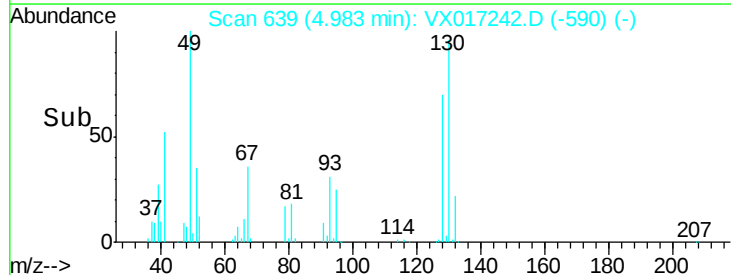
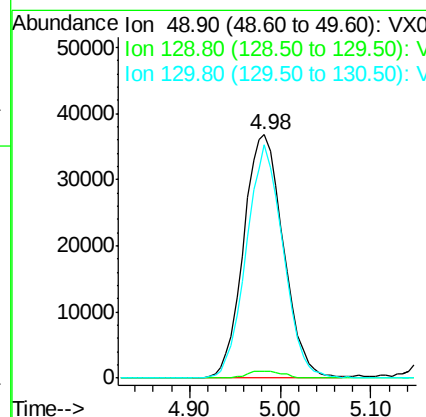
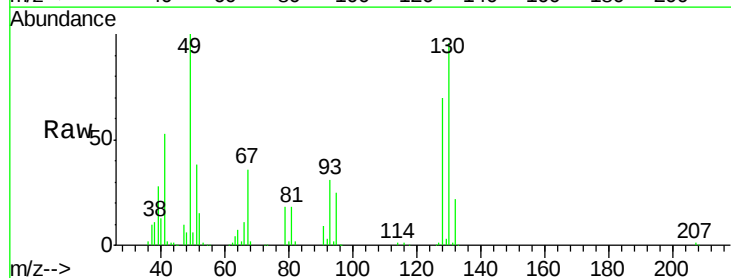
MMDadoda
 7/8/2020 9:32:12 AM

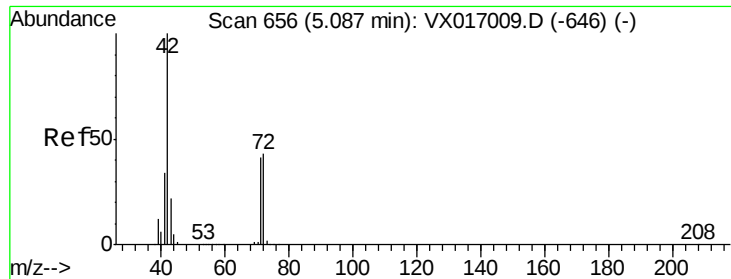


#28

Bromochloromethane
 Concen: 50.037 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	88.7	66.6	100.0





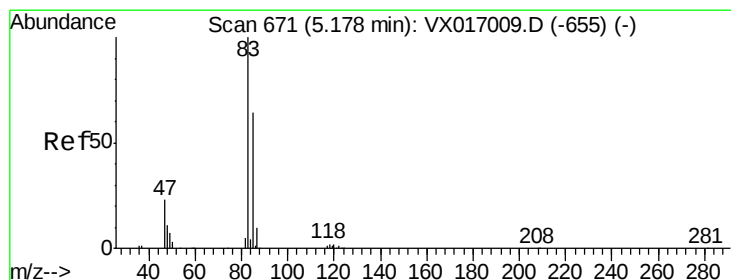
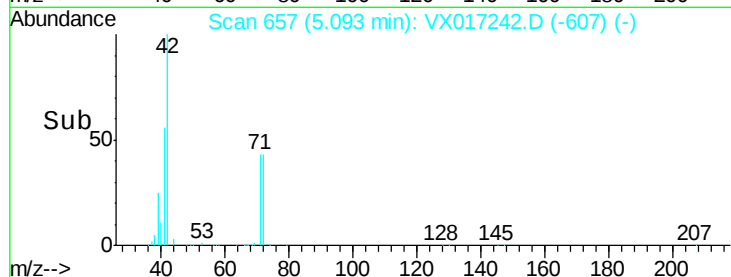
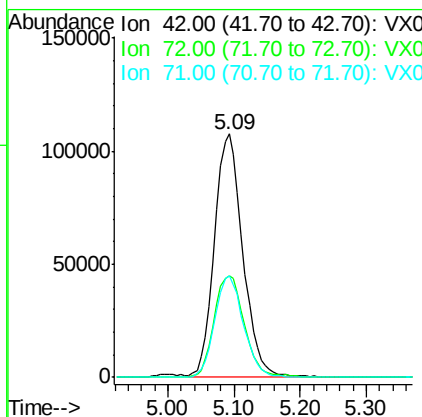
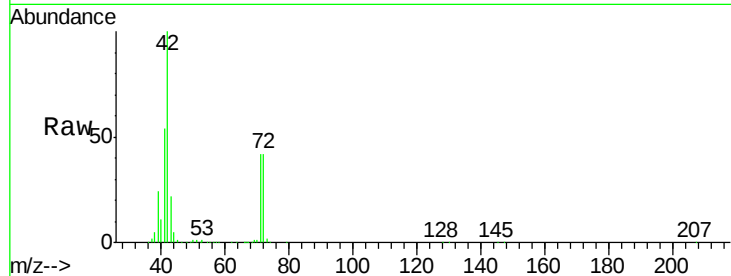
#29
Tetrahydrofuran
Concen: 262.895 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	42.4	33.1	49.7

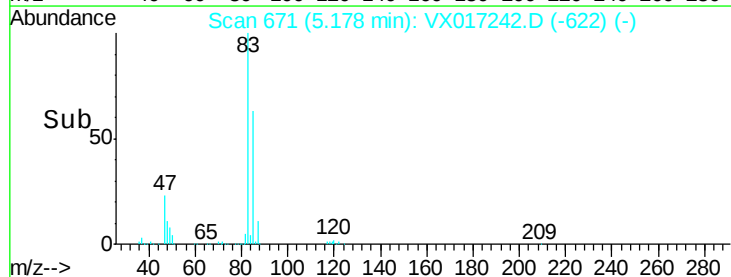
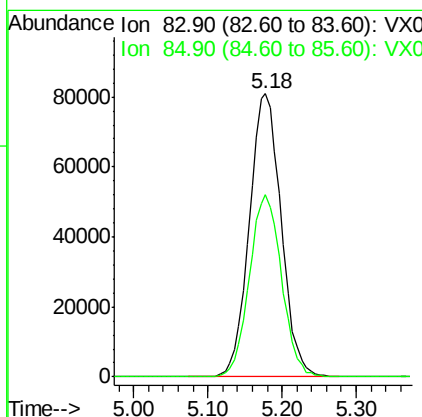
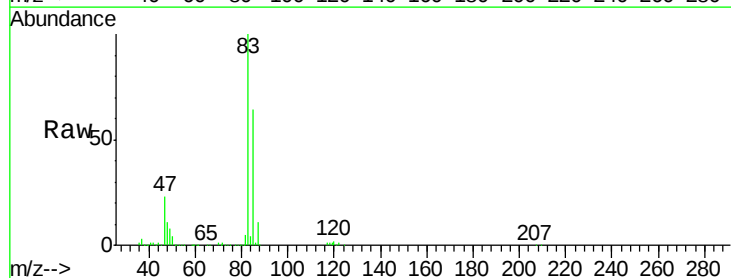
Manual Integrations
APPROVED

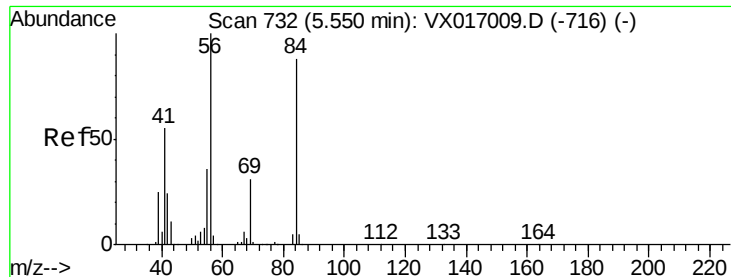
MMDadoda
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#30
Chloroform
Concen: 51.509 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





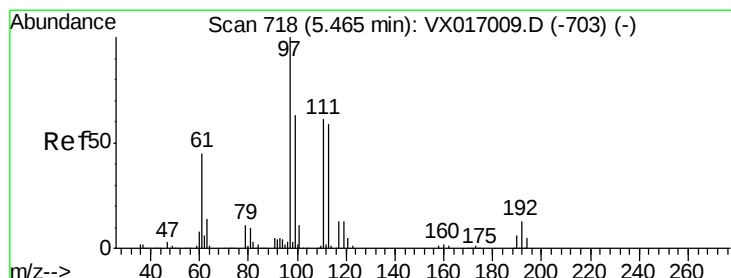
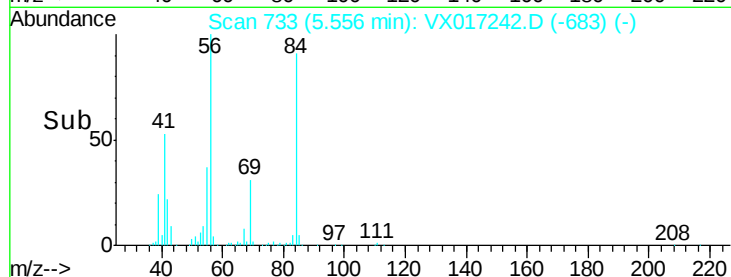
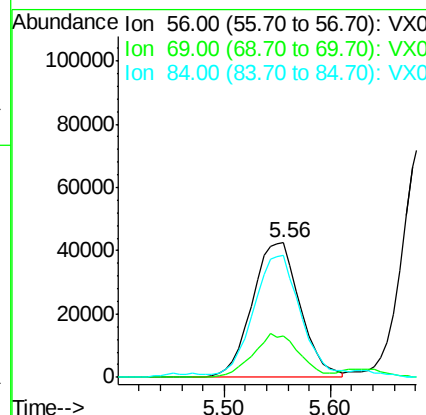
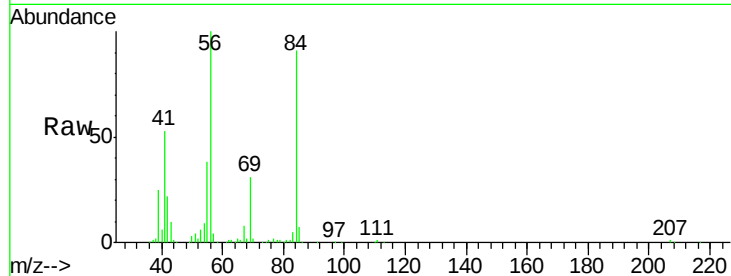
#31
Cvclohexane
Concen: 33.701 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.4
84	88.0	69.1	103.7

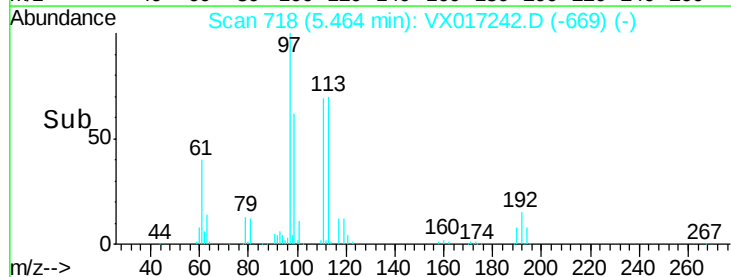
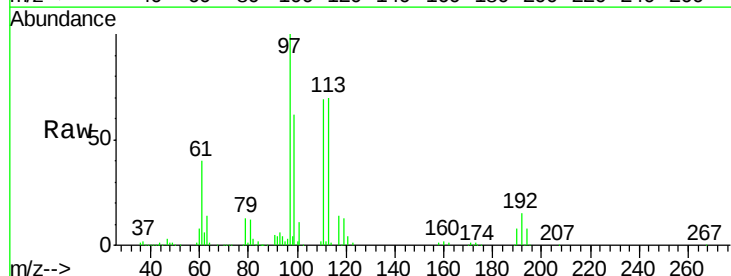
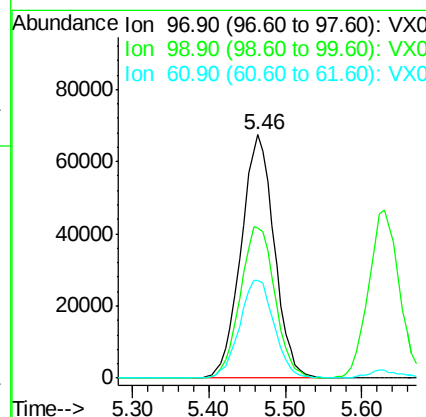
Manual Integrations
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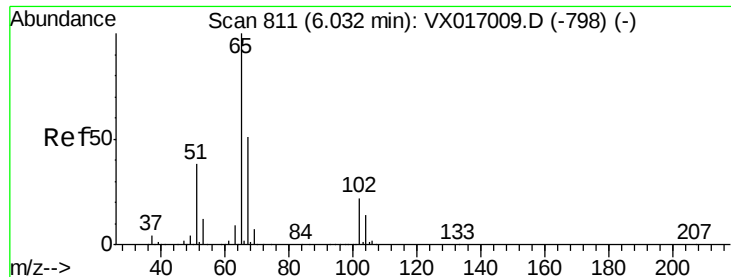
MMDadoda
7/8/2020 9:32:12 AM



#32
1,1,1-Trichloroethane
Concen: 46.788 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	41.9	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 56.083 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 165025

Ion Ratio Lower Upper

65 100

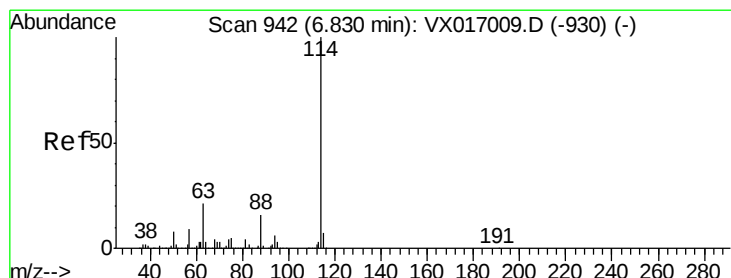
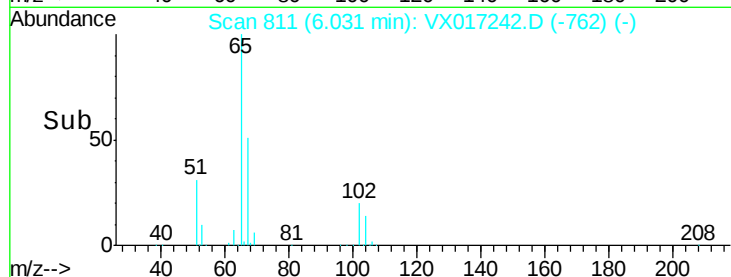
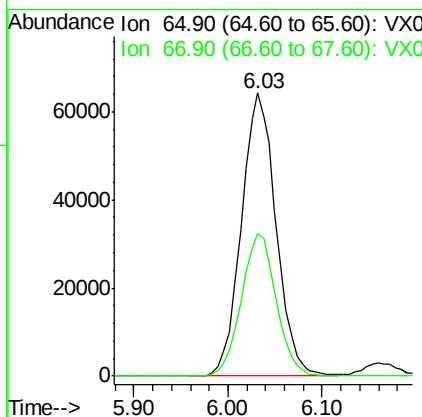
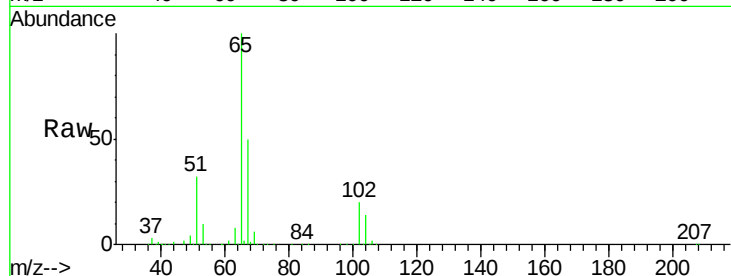
67 50.9 0.0 103.8

Manual Integrations

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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: VX017242.D

Acq: 08 Jul 2020 07:02

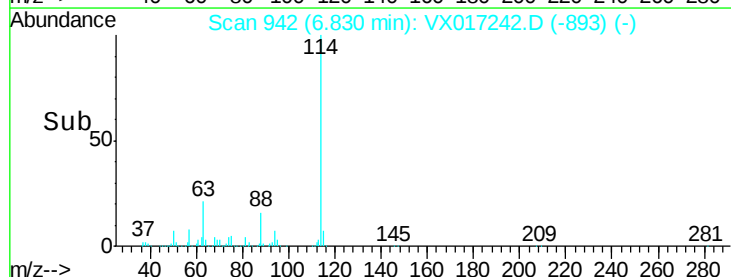
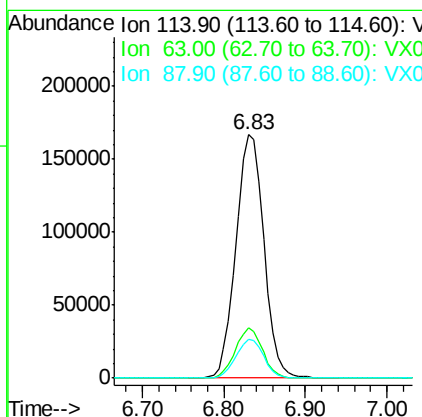
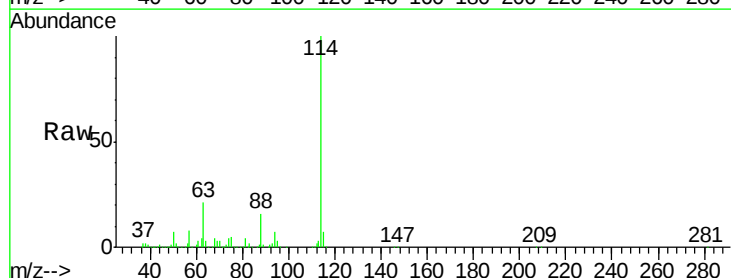
Tgt Ion: 114 Resp: 395282

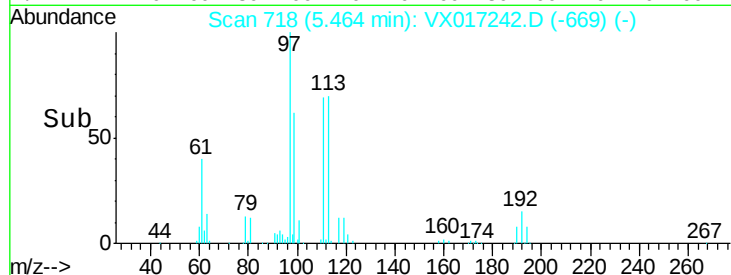
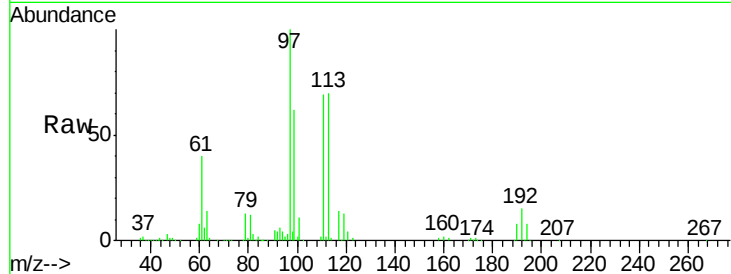
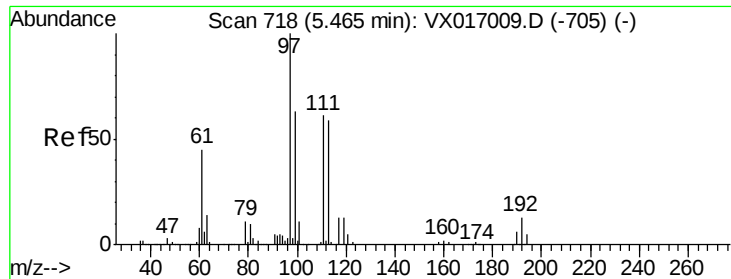
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.941 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017242.D

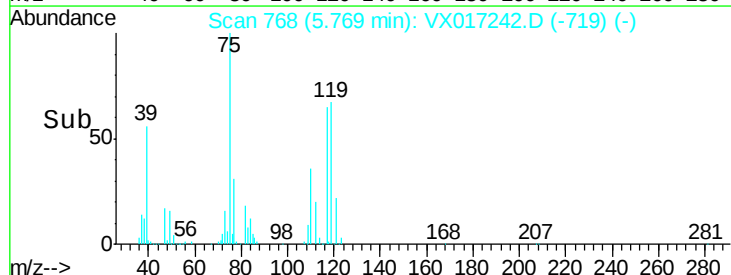
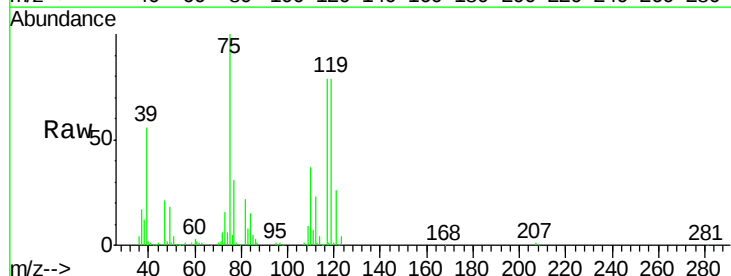
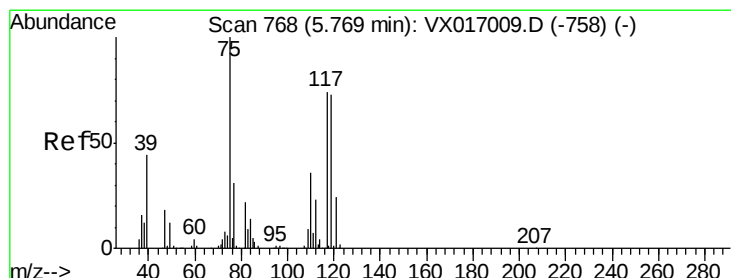
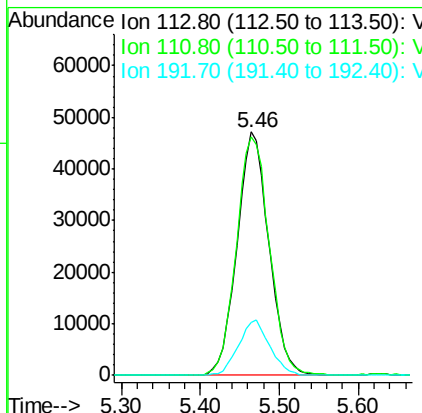
Acq: 08 Jul 2020 07:02

Tot Ion	113	Resp	132375
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	22.3	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 39.949 ug/l

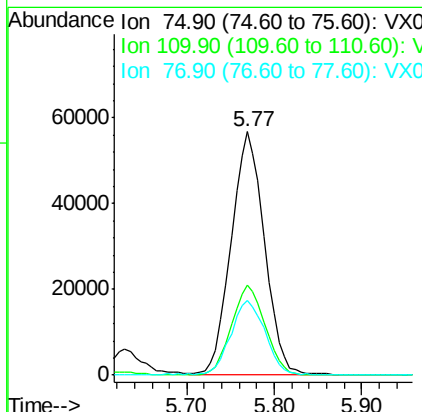
RT: 5.77 min Scan# 768

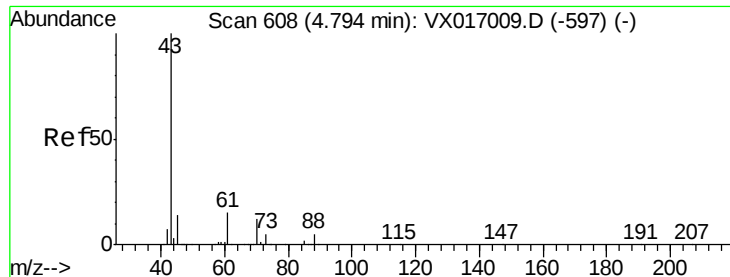
Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion	75	Resp	149247
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.1
77	32.0	24.6	37.0





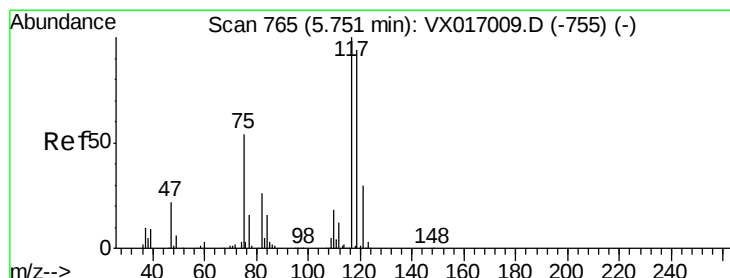
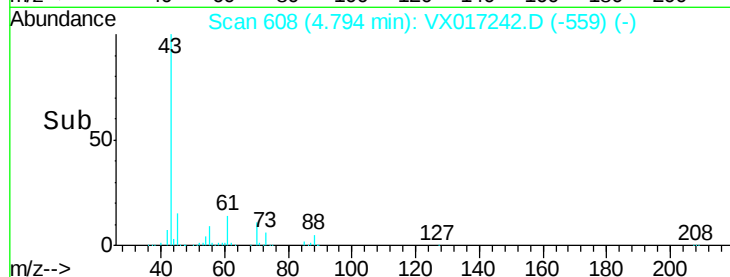
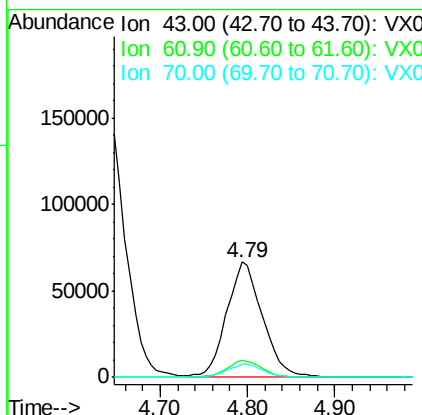
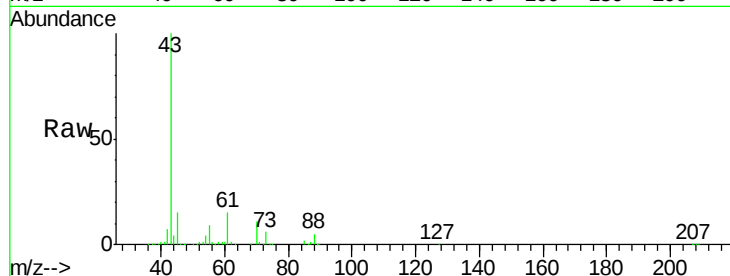
#37
Ethyl Acetate
Concen: 49.394 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	11.7	8.9	13.3

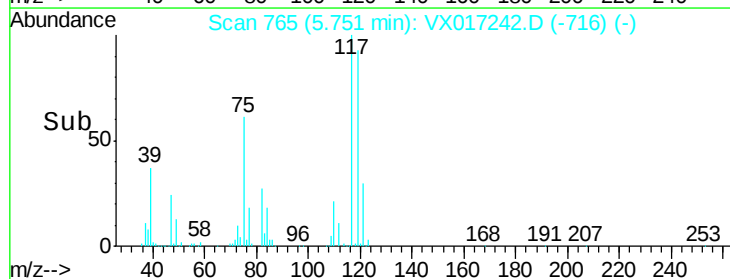
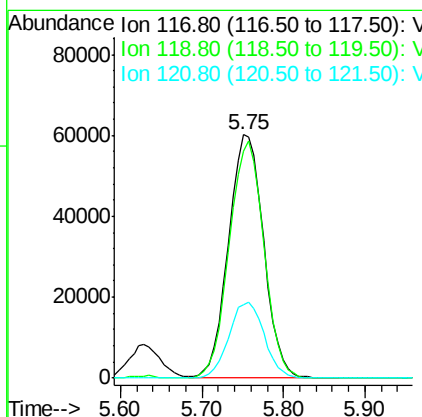
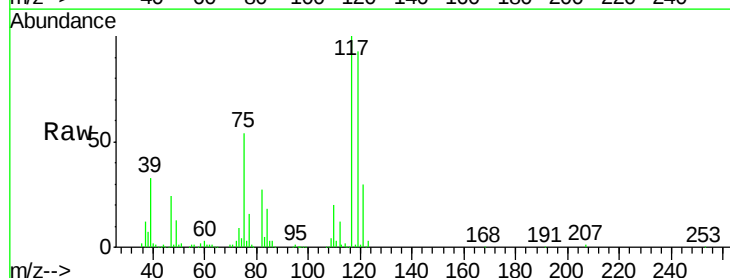
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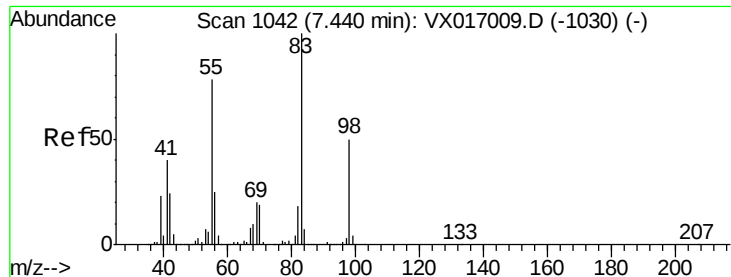
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#38
Carbon Tetrachloride
Concen: 43.616 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.4	113.0
121	30.2	23.8	35.6





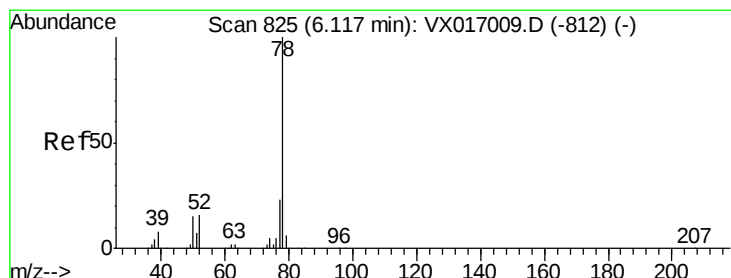
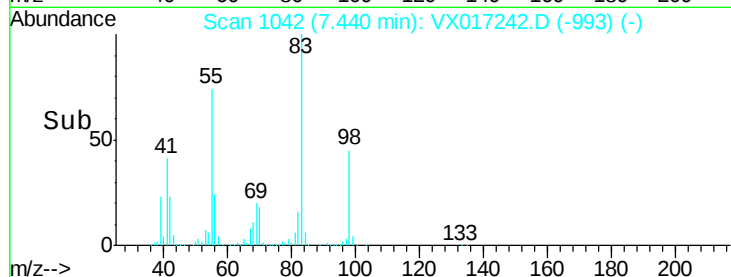
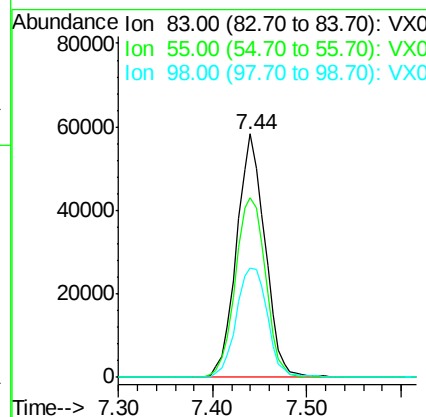
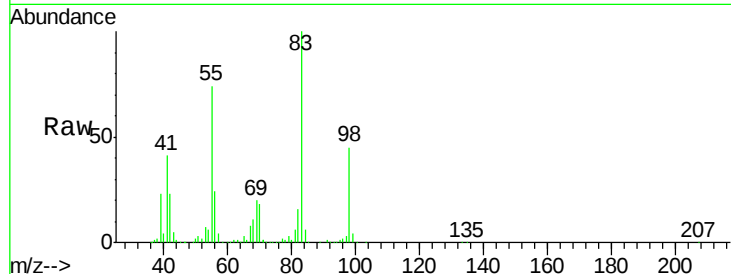
#39
Methvlcvclohexane
Concen: 29.530 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	122748		
55	73.5		62.5	93.7
98	44.9		40.1	60.1

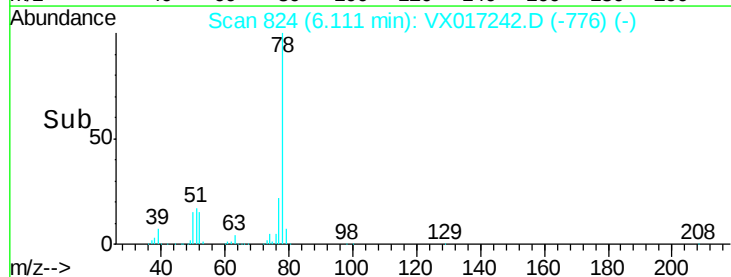
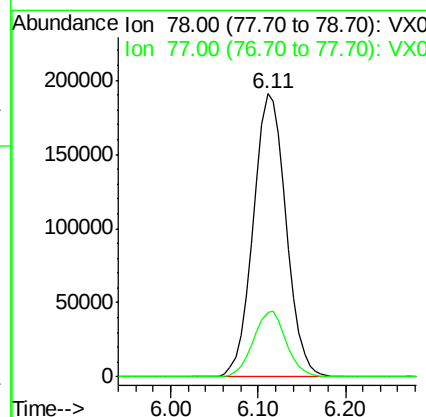
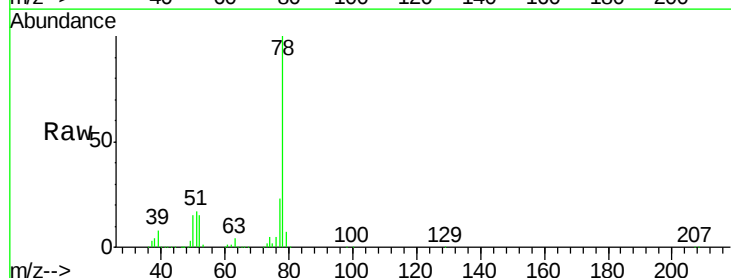
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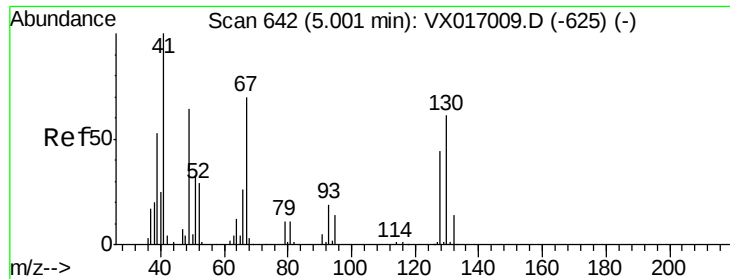
MMDadoda
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#40
Benzene
Concen: 45.435 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	498725		
77	22.8		18.3	27.5





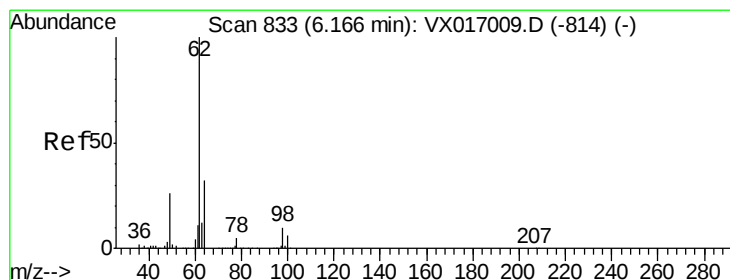
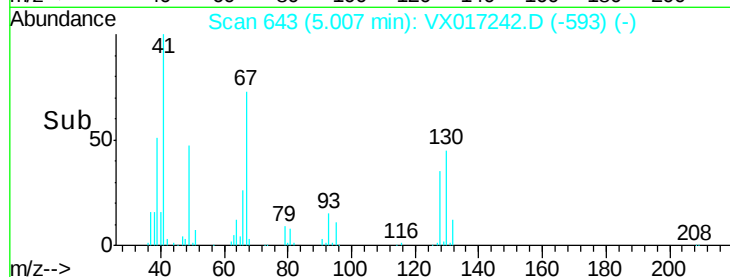
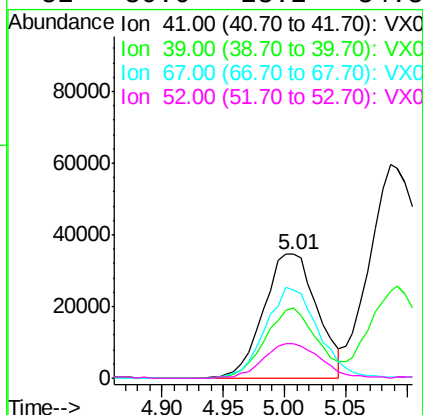
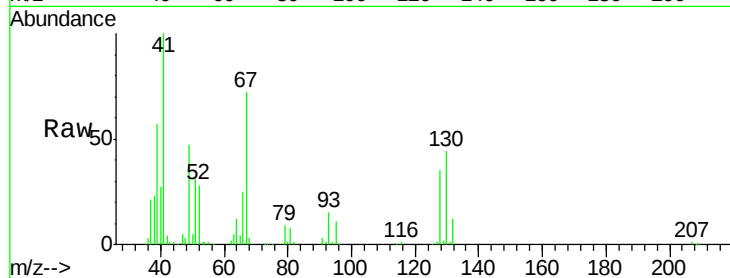
#41
Methacrylonitrile
Concen: 49.261 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.4	66.6	
67	72.9	57.1	85.7	
52	30.0	23.2	34.8	

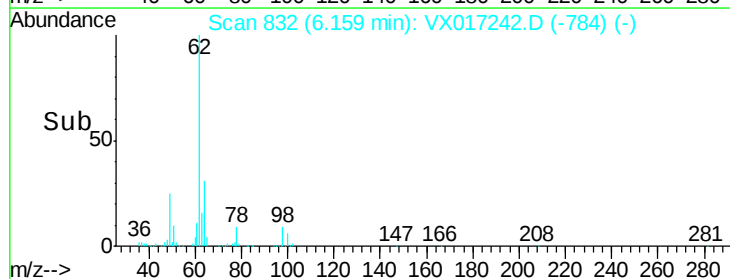
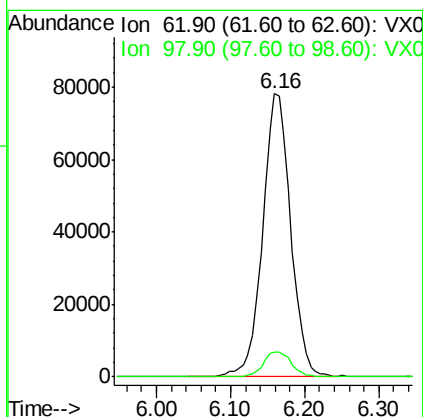
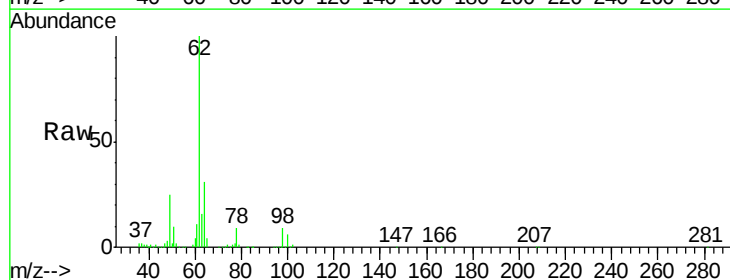
Manual Integrations
APPROVED

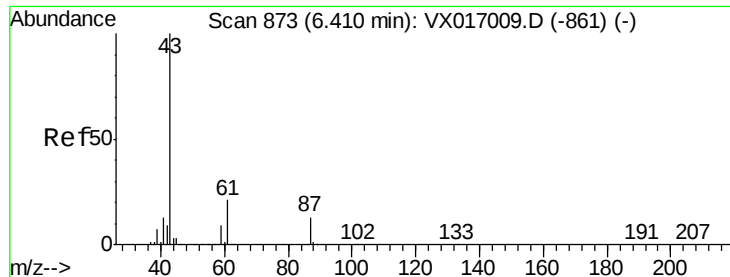
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.789 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	19.2	





#43

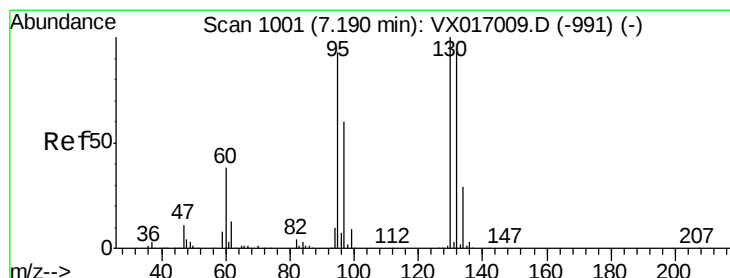
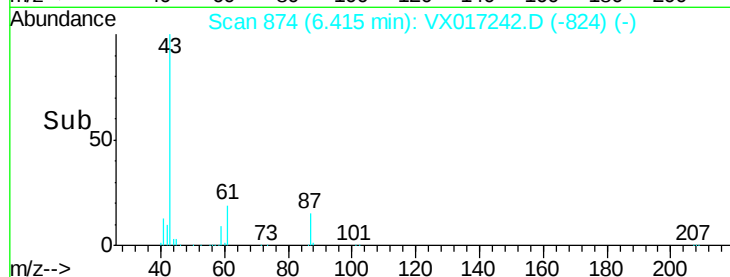
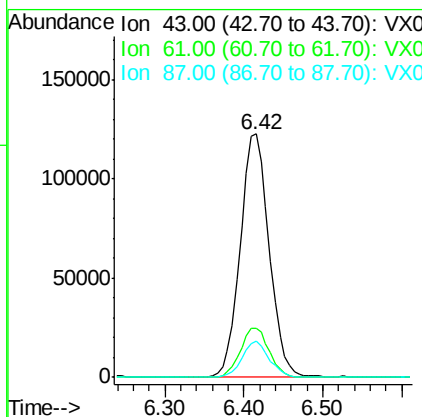
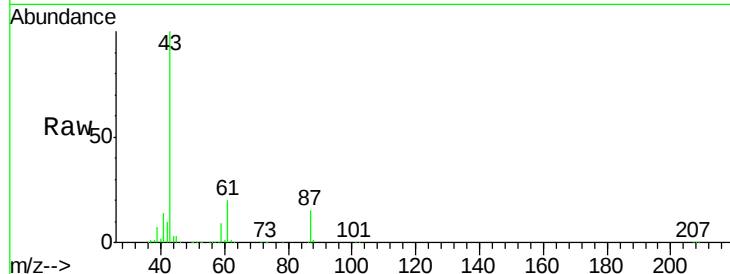
Isopropyl Acetate
 Concen: 49.515 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	14.0	10.7	16.1

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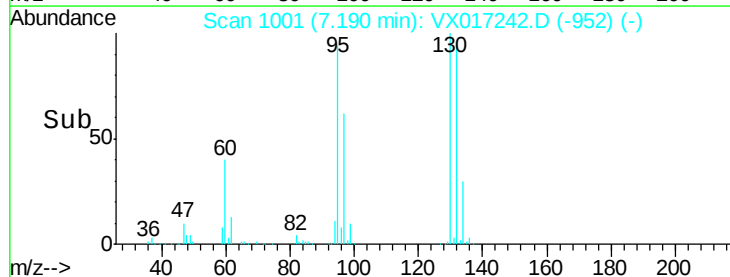
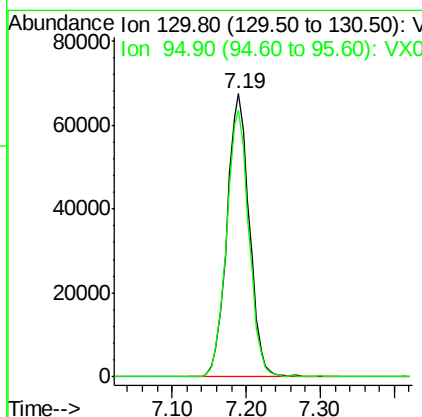
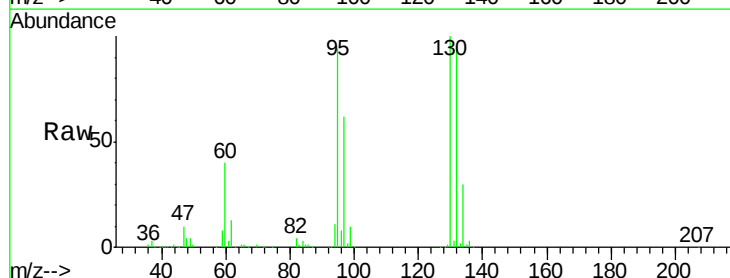
MMDadoda
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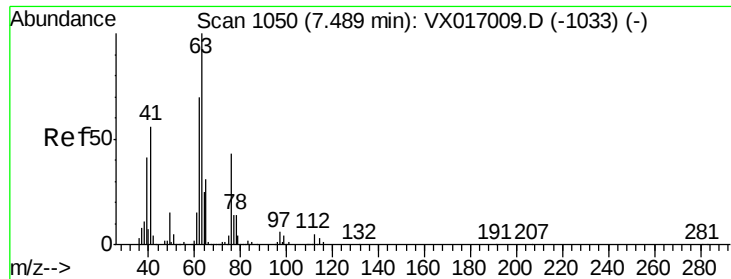


#44

Trichloroethene
 Concen: 46.970 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 47.484 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 133871

Ion Ratio Lower Upper

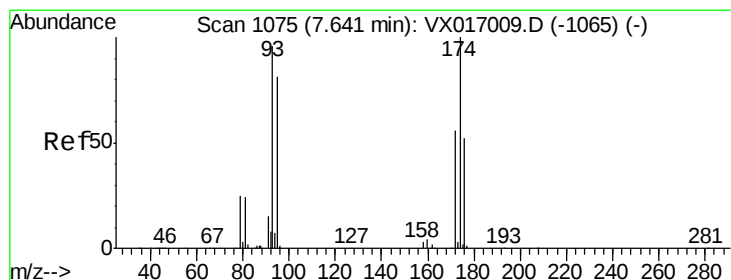
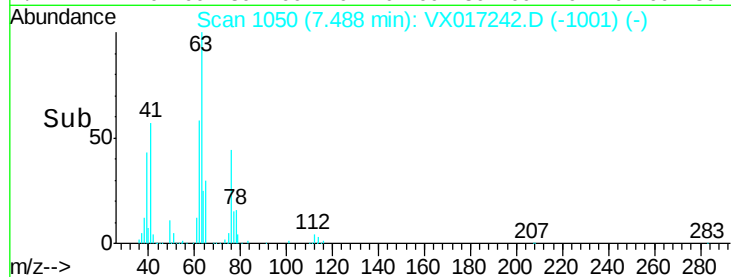
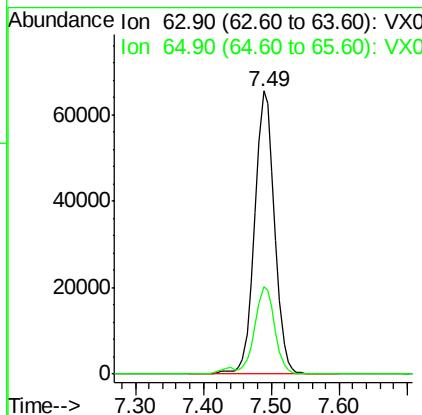
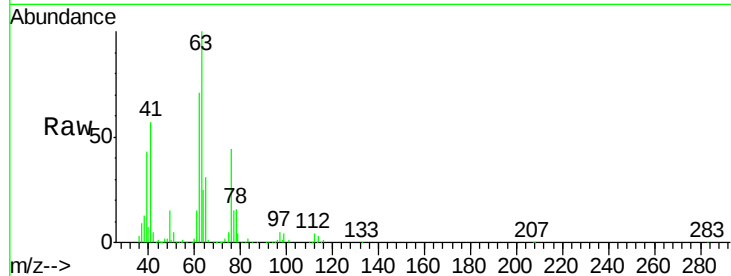
63 100

65 31.0 24.6 36.8

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#46

Dibromomethane

Concen: 50.370 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

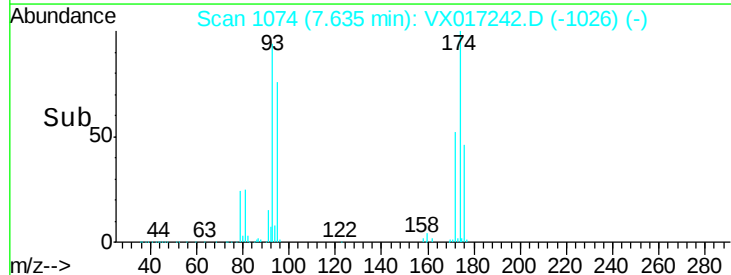
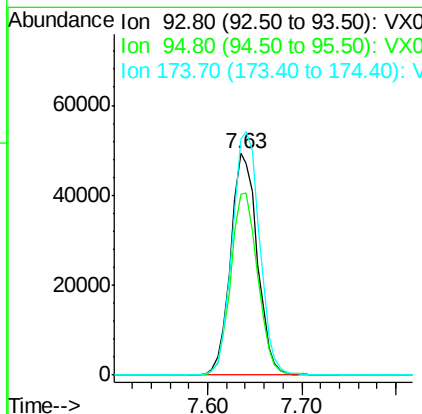
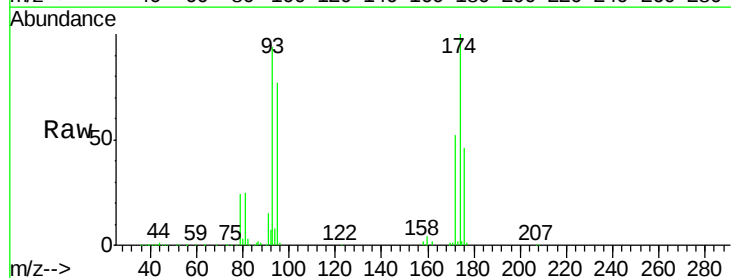
Tgt Ion: 93 Resp: 96951

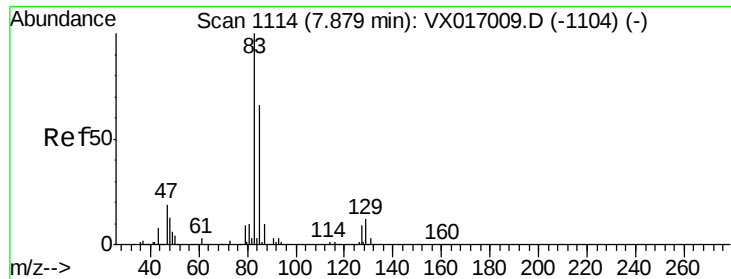
Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

174 112.5 84.3 126.5





#47

Bromodichloromethane

Concen: 50.839 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

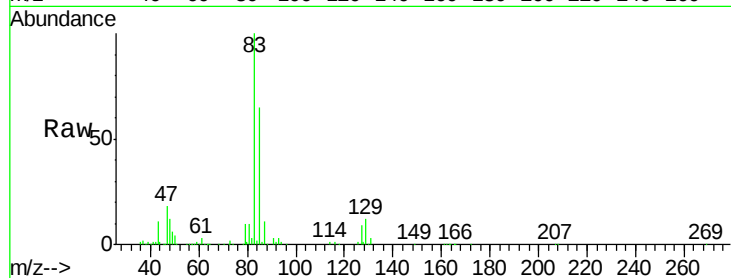
ClientSampleId :

VSTDCCC050EC

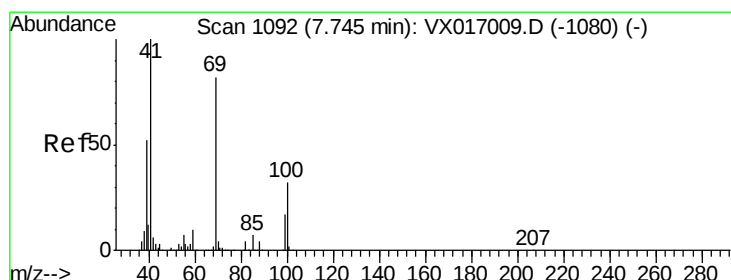
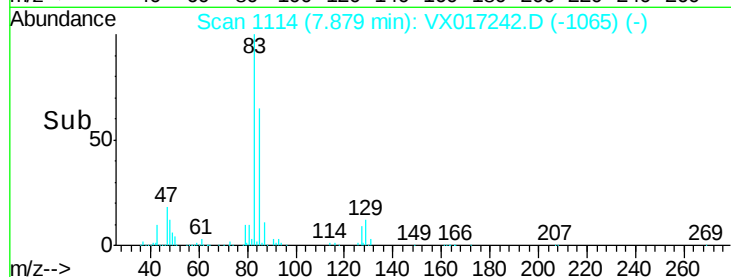
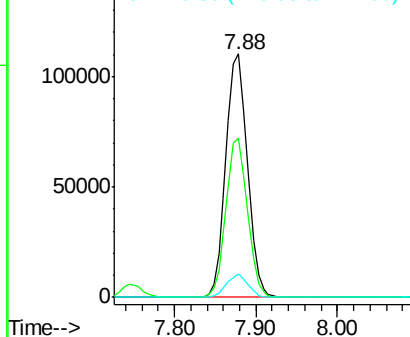
Tot Ion:	83	Resp:	201658
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.0	79.4
127	9.4	7.5	11.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.040 ug/l

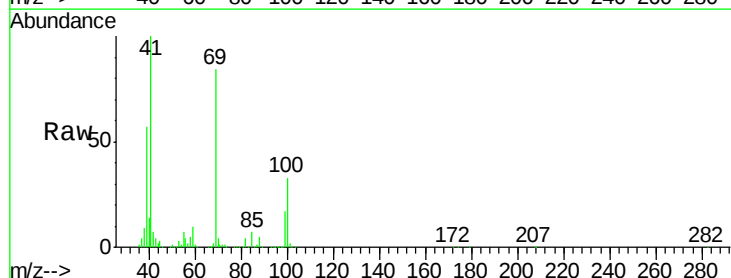
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

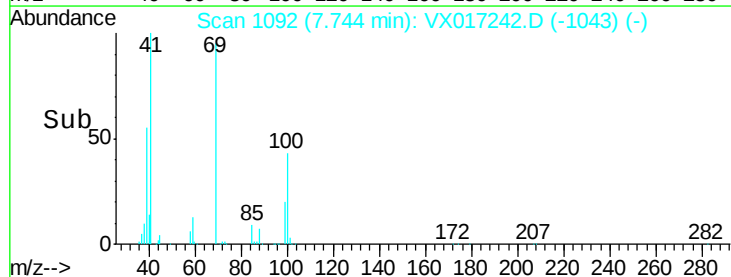
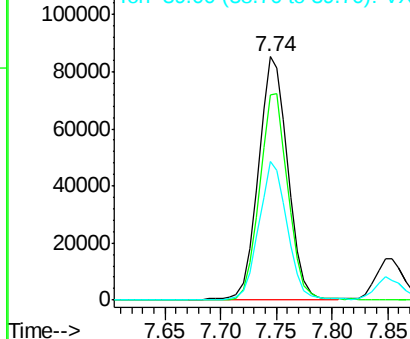
Lab File: VX017242.D

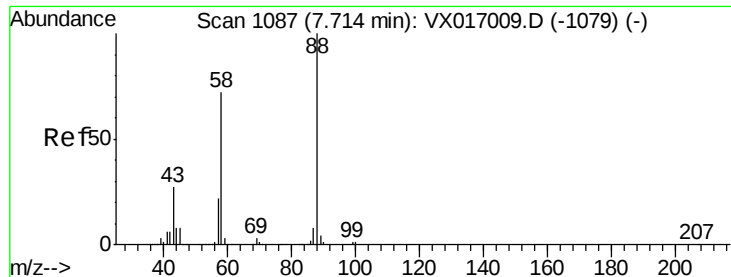
Acq: 08 Jul 2020 07:02

Tgt Ion:	41	Resp:	155729
Ion Ratio	Lower	Upper	
41	100		
69	83.4	65.8	98.8
39	55.2	42.5	63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1082.390 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

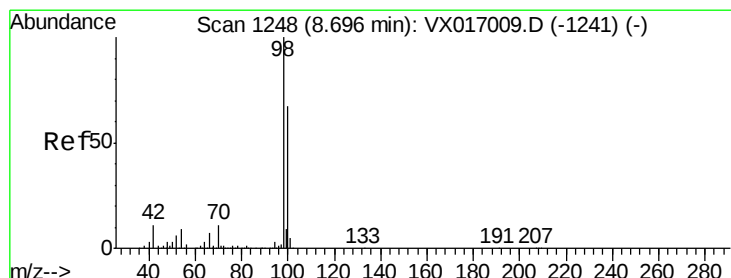
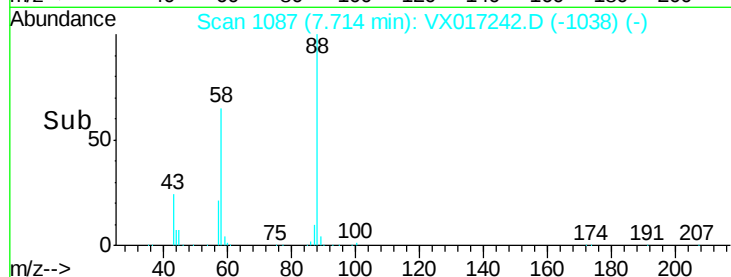
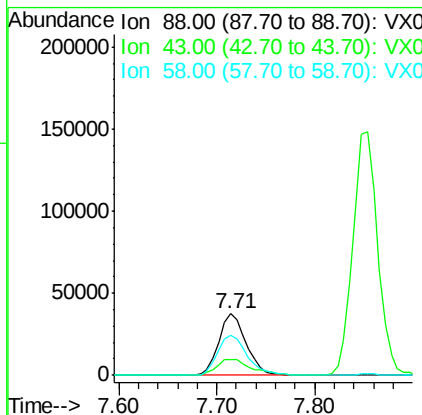
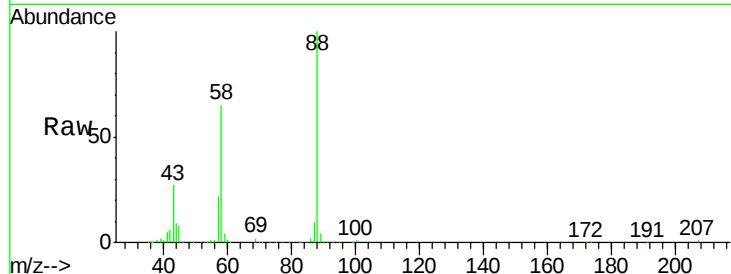
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	73379
Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	71.0	54.8	82.2

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#50

Toluene-d8

Concen: 48.909 ug/l

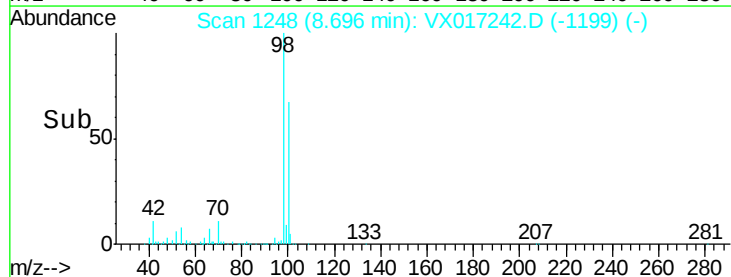
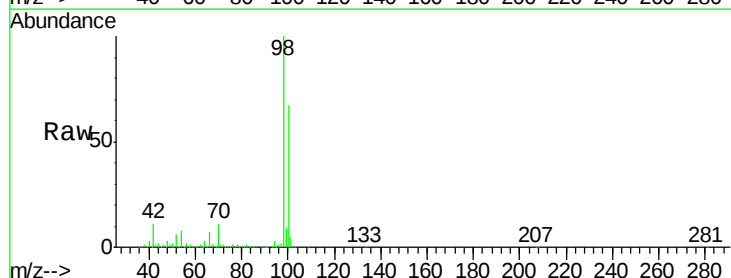
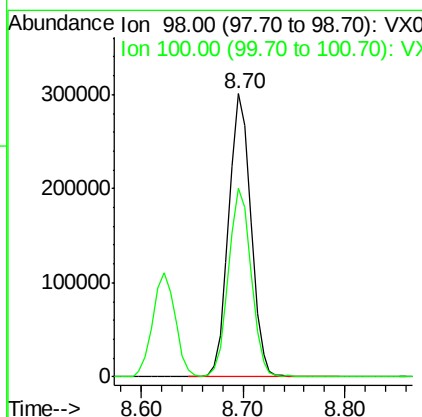
RT: 8.70 min Scan# 1248

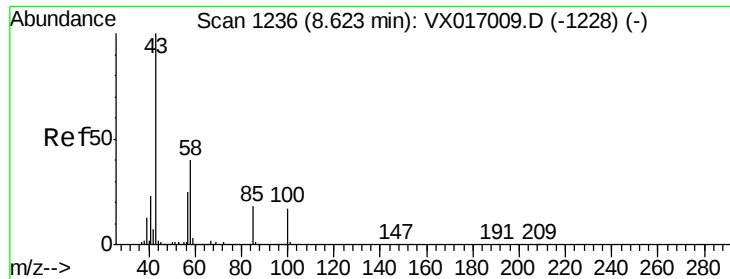
Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	98	Resp:	452221
Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.8	80.6





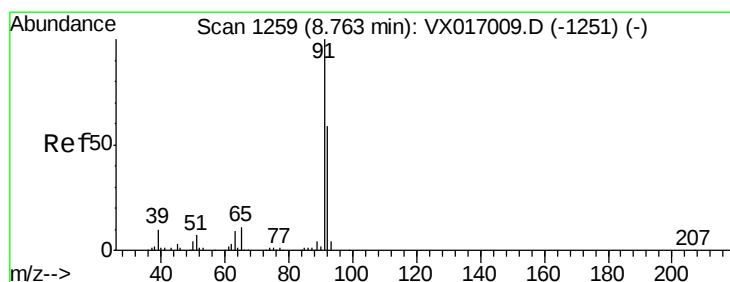
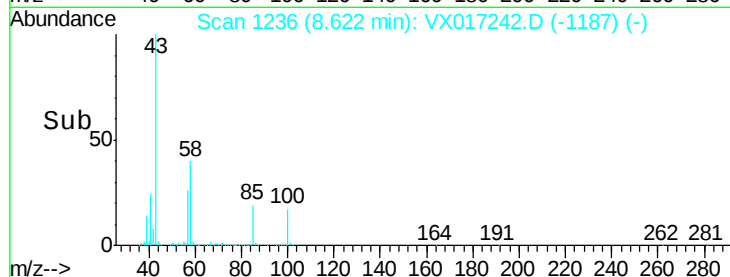
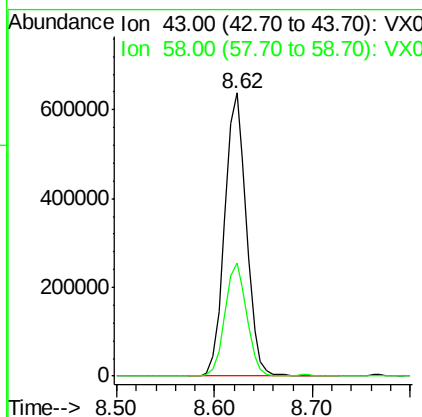
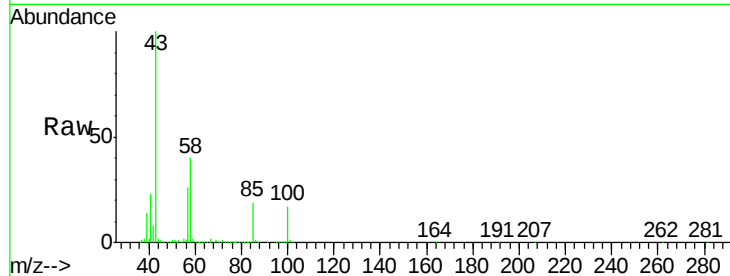
#51
 4-Methyl-2-Pentanone
 Concen: 261.331 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.9	47.9

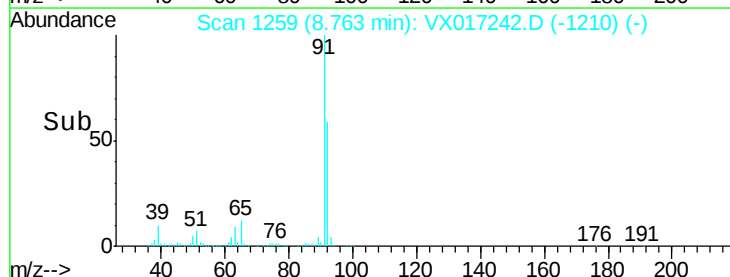
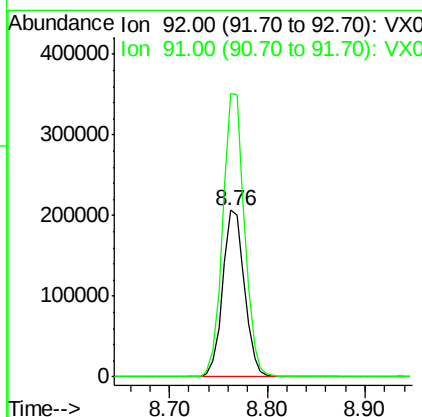
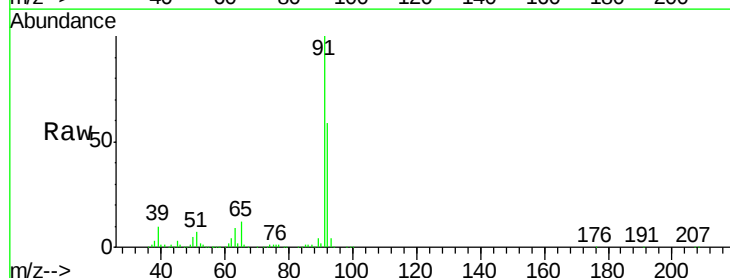
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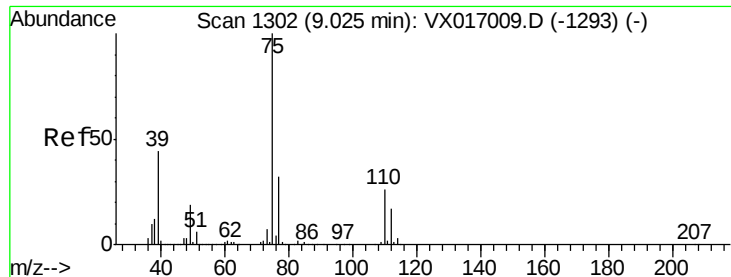
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#52
 Toluene
 Concen: 46.767 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.5	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 46.925 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 205366

Ion Ratio Lower Upper

75 100

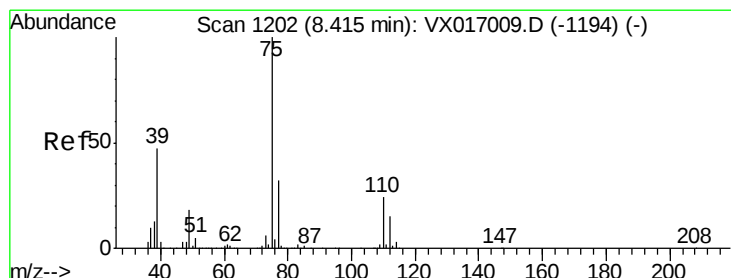
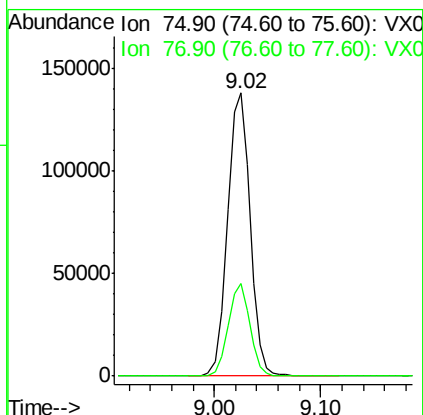
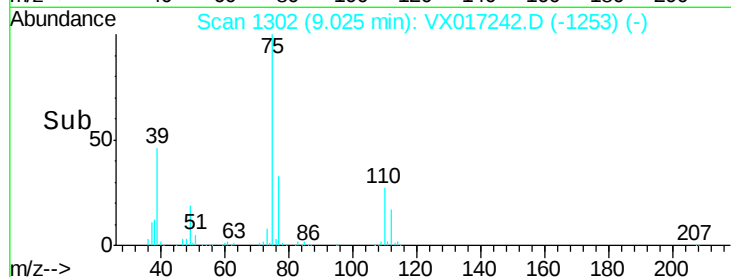
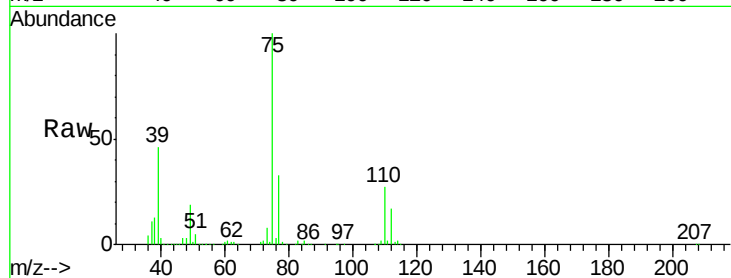
77 32.7 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 45.680 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

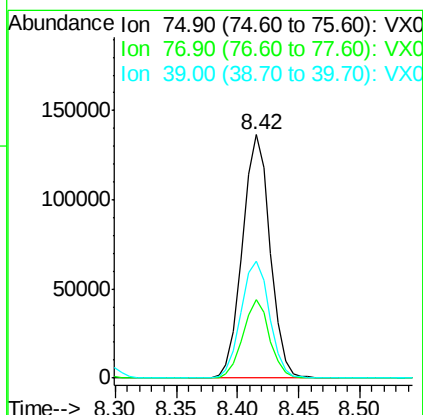
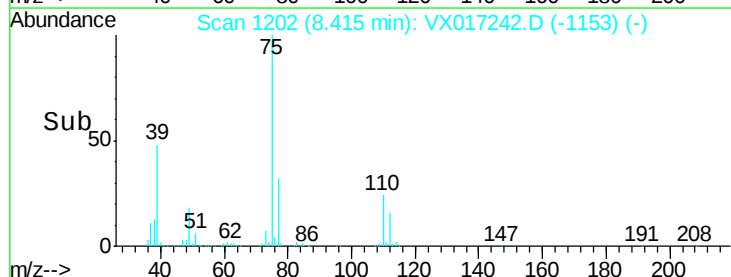
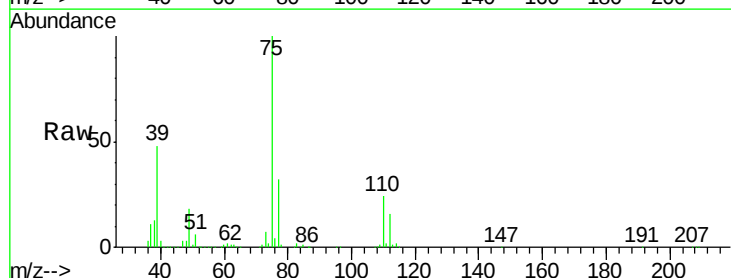
Tgt Ion: 75 Resp: 214313

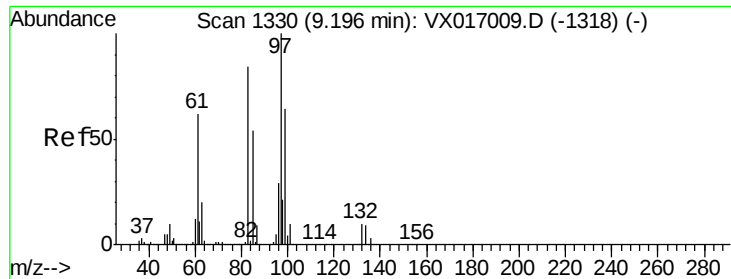
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 48.0 37.4 56.2





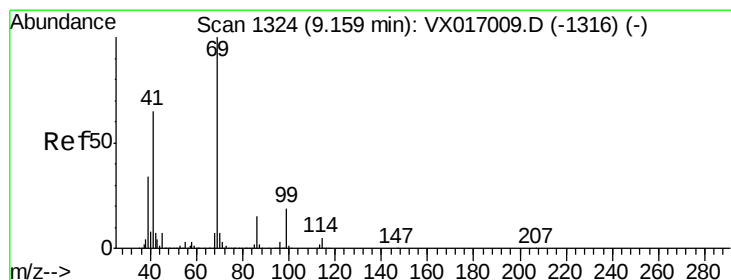
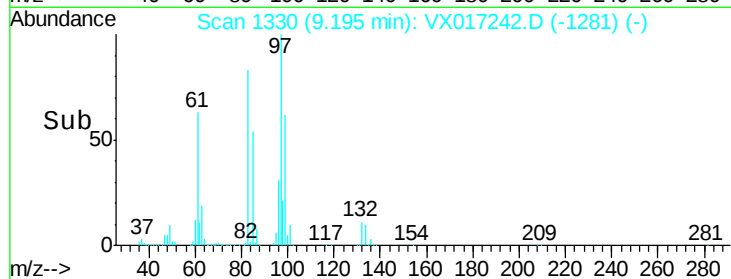
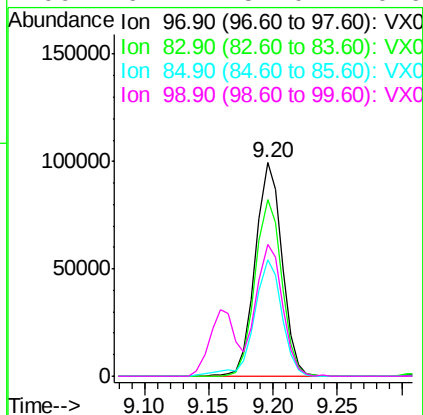
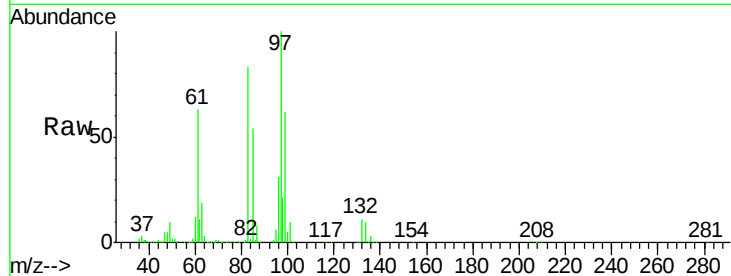
#55
 1,1,2-Trichloroethane
 Concen: 51.040 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	82.6	67.0	100.6		
85	54.1	43.5	65.3		
99	61.7	51.0	76.6		

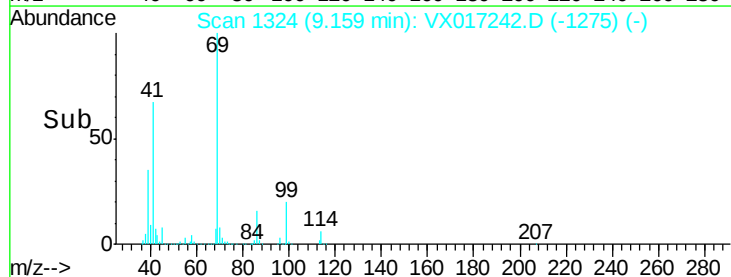
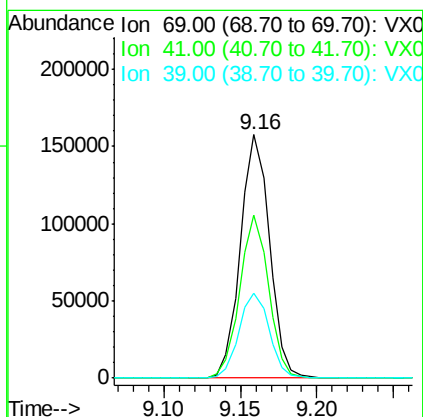
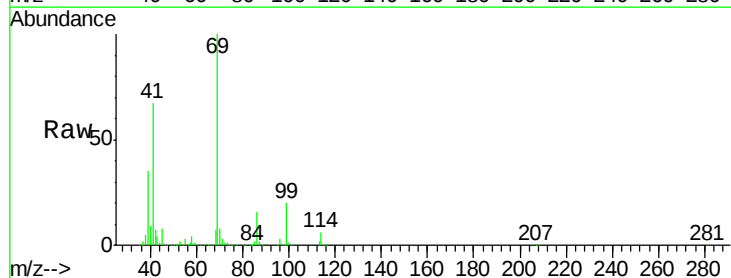
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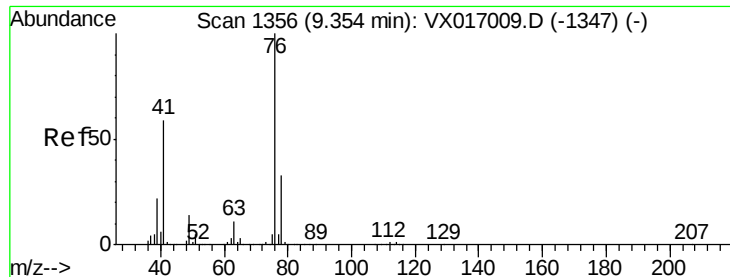
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#56
 Ethyl methacrylate
 Concen: 52.481 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.3	53.6	80.4		
39	36.3	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 49.861 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 236237

Ion Ratio Lower Upper

76 100

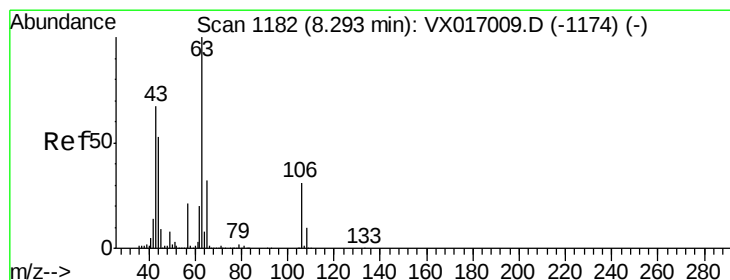
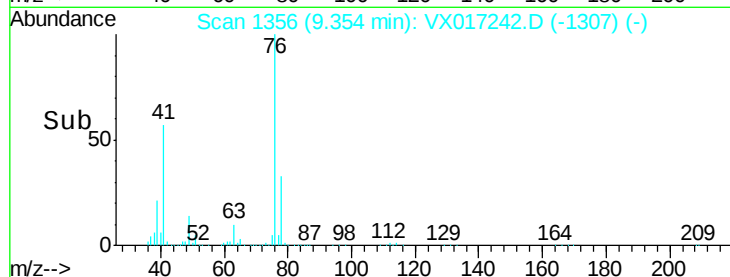
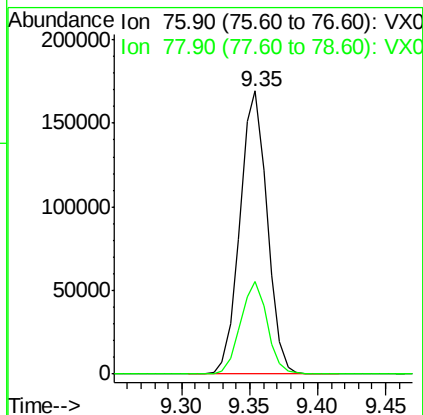
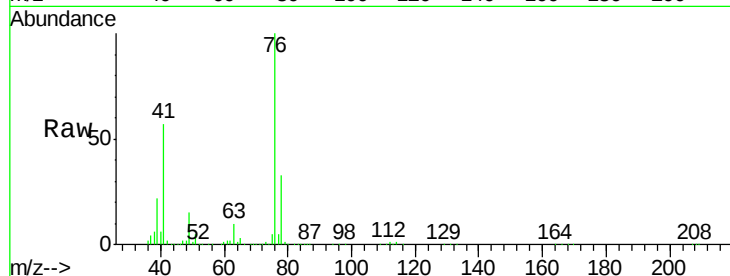
78 32.3 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 276.514 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017242.D

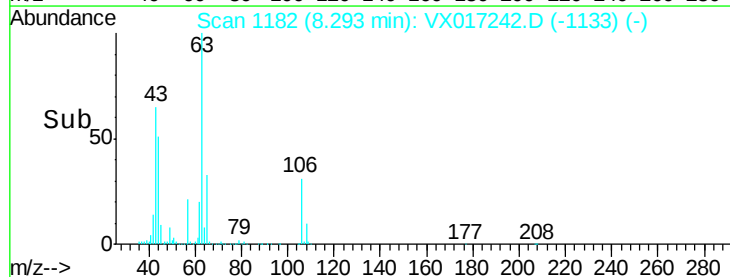
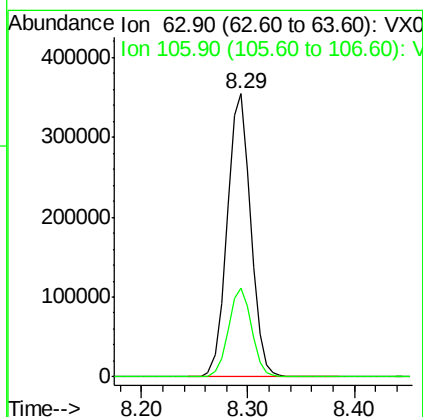
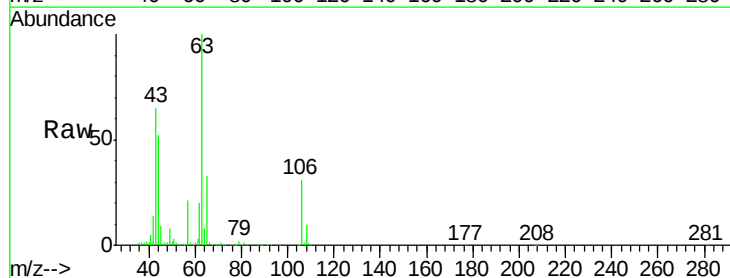
Acq: 08 Jul 2020 07:02

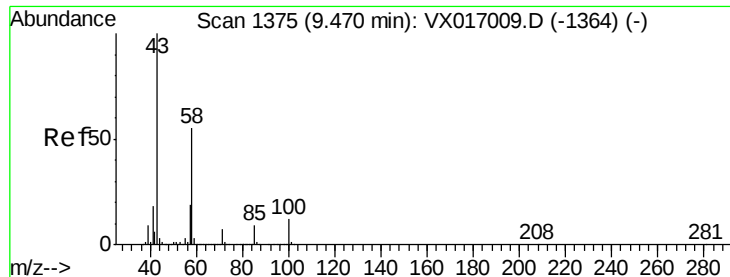
Tgt Ion: 63 Resp: 548459

Ion Ratio Lower Upper

63 100

106 31.0 24.0 36.0





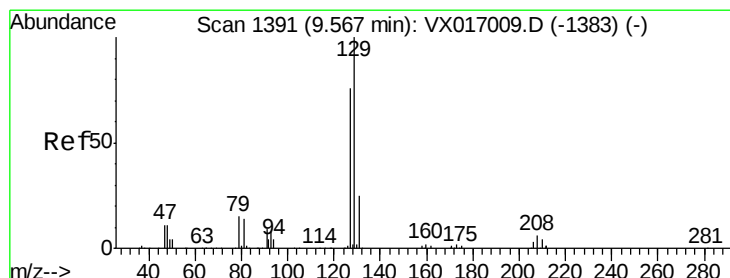
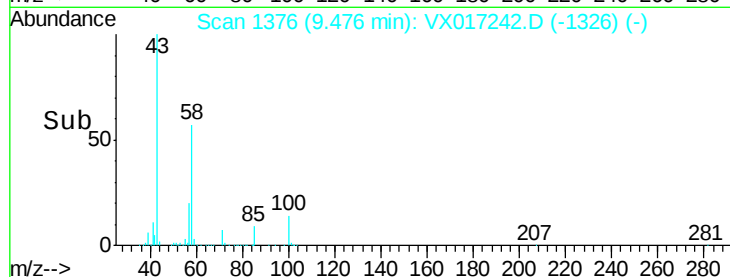
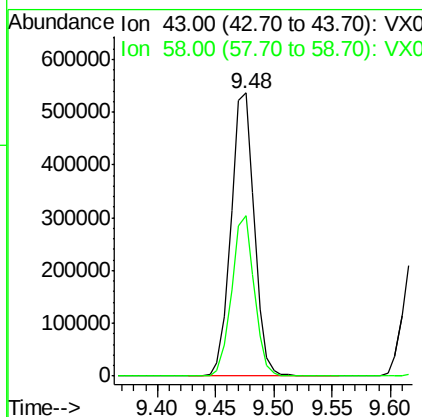
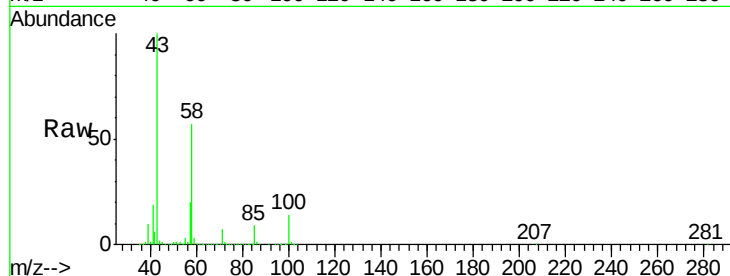
#59
2-Hexanone
Concen: 272.276 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 746618
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6

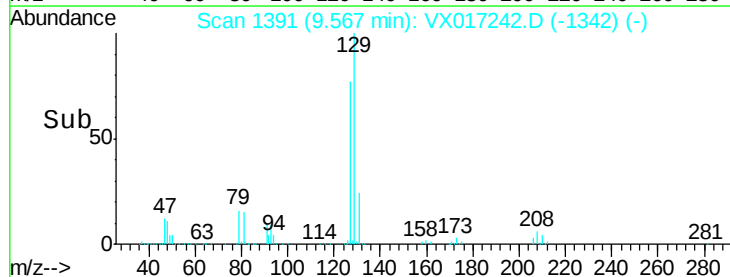
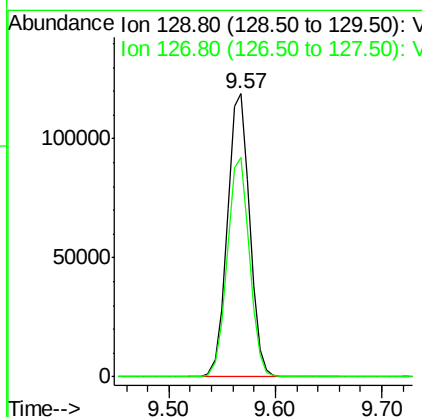
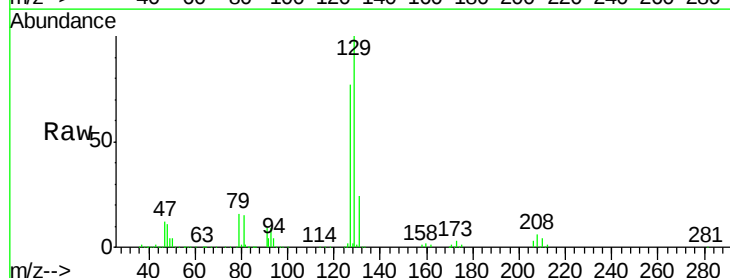
Manual Integrations
APPROVED

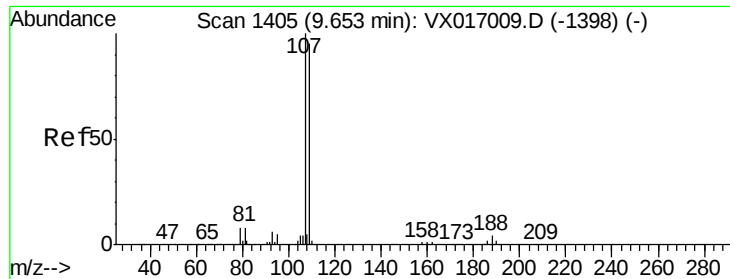
MMDadoda
7/8/2020 9:32:12 AM



#60
Dibromochloromethane
Concen: 53.744 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion: 129 Resp: 174781
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





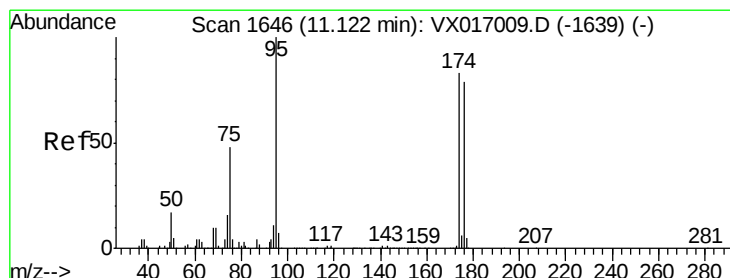
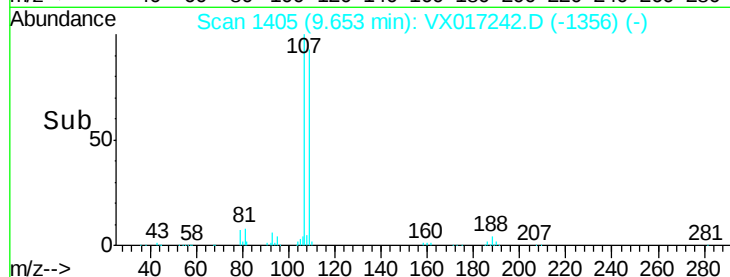
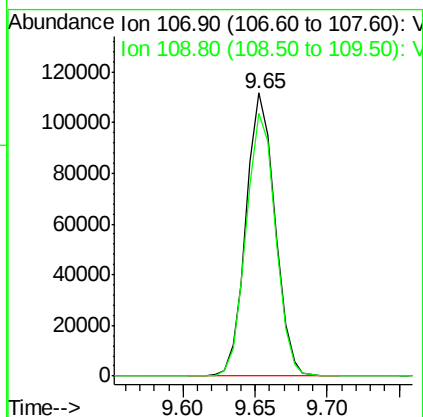
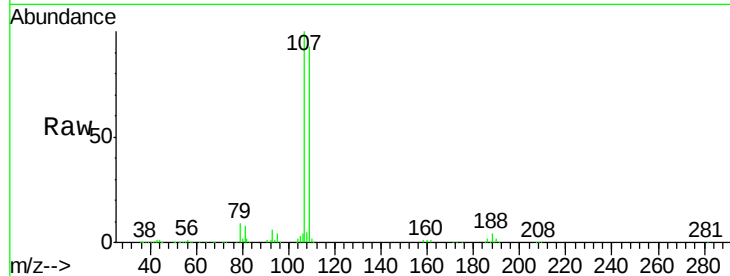
#61
 1,2-Dibromoethane
 Concen: 51.610 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.8

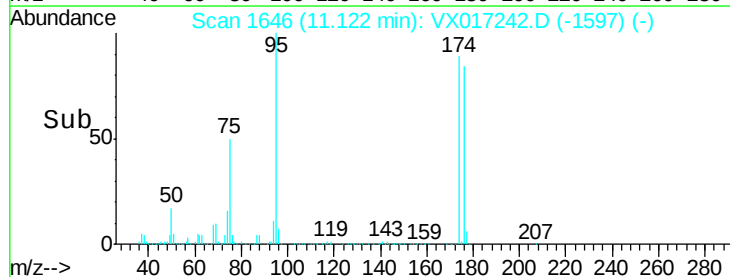
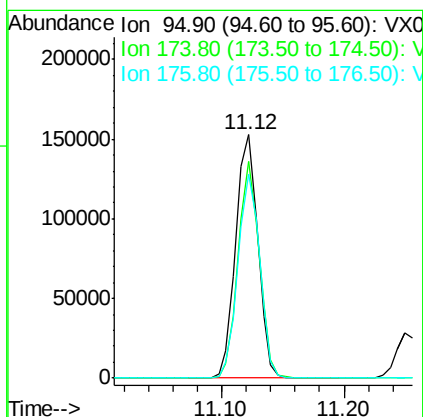
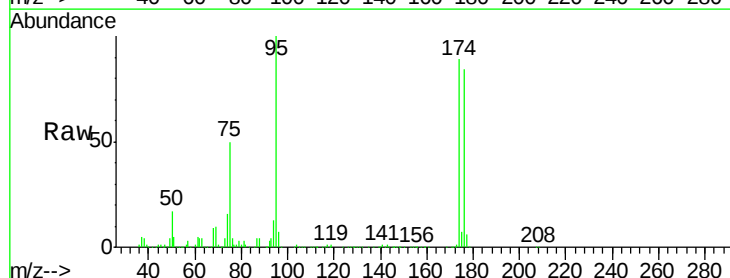
Manual Integrations
 APPROVED

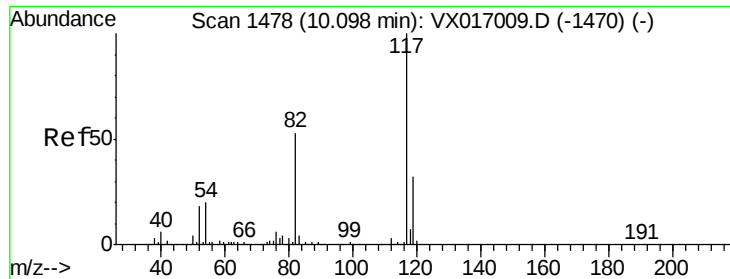
MMDadoda
 7/8/2020 9:32:12 AM



#62
 4-Bromofluorobenzene
 Concen: 52.685 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	164.0
176	82.6	0.0	157.6





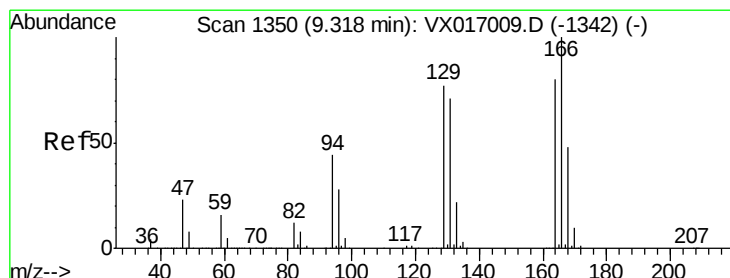
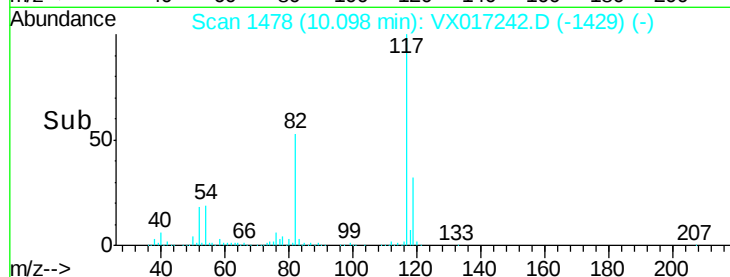
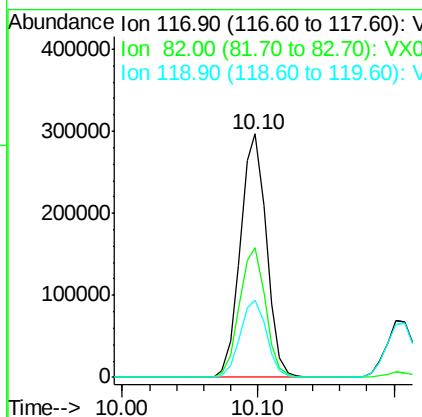
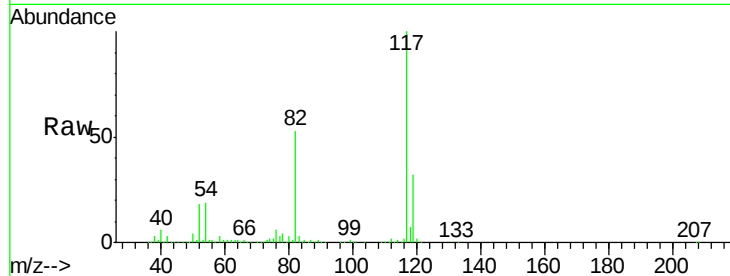
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	396232		
82	53.1	42.6	63.8	
119	31.6	25.4	38.2	

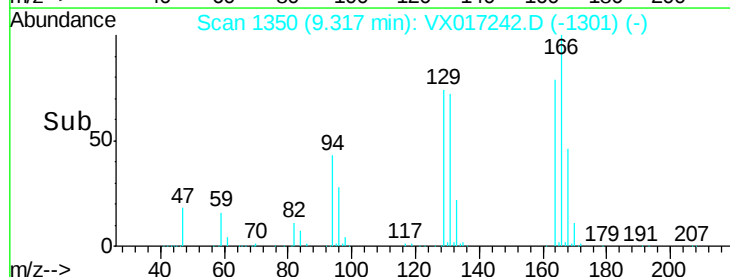
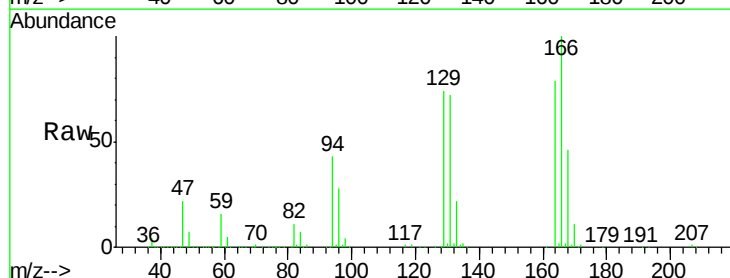
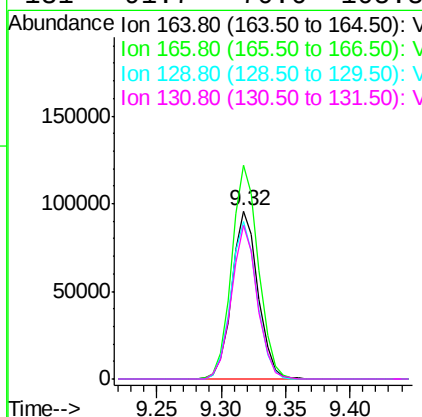
Manual Integrations
APPROVED

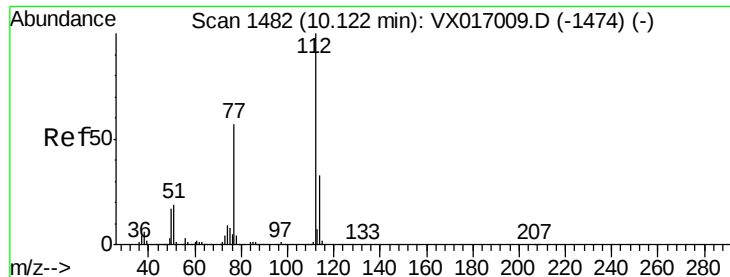
MMDadoda
7/8/2020 9:32:12 AM



#64
Tetrachloroethene
Concen: 42.312 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135306		
166	127.2	99.4	149.0	
129	93.8	76.3	114.5	
131	91.7	70.6	105.8	





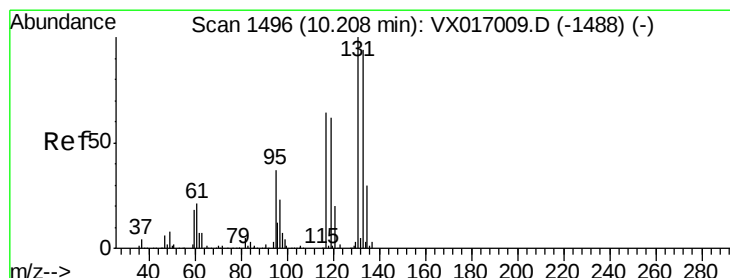
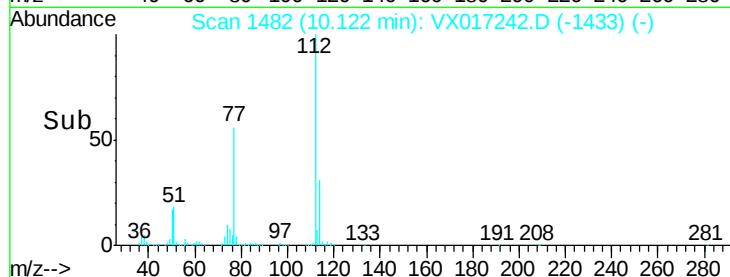
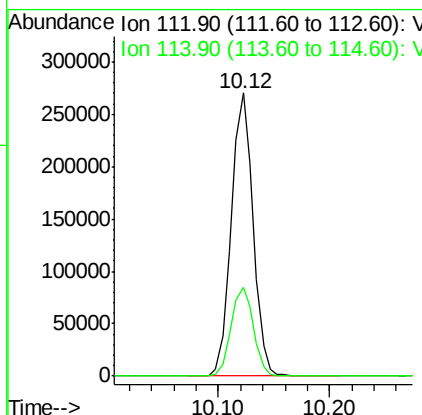
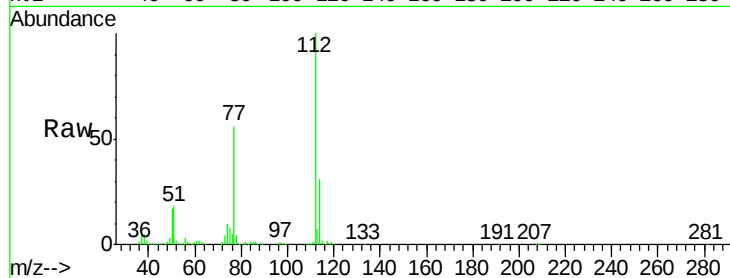
#65
Chlorobenzene
Concen: 44.694 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.4

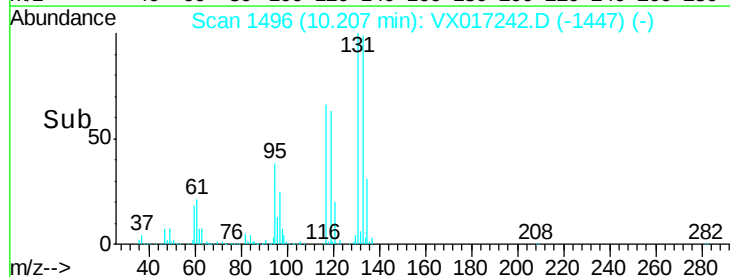
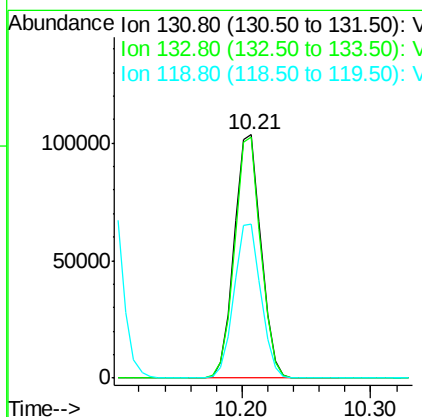
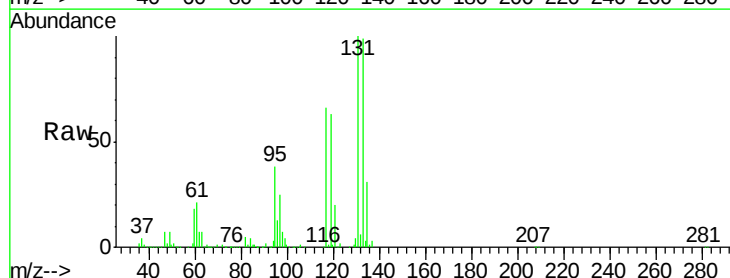
Manual Integrations
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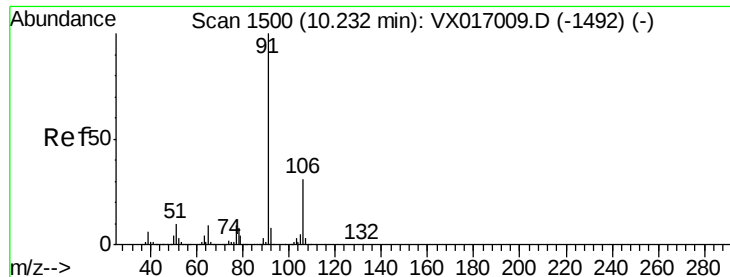
MMDadoda
7/8/2020 9:32:12 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.662 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	141.9
119	63.6	31.9	95.5





#67

Ethyl Benzene

Concen: 43.663 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 596315

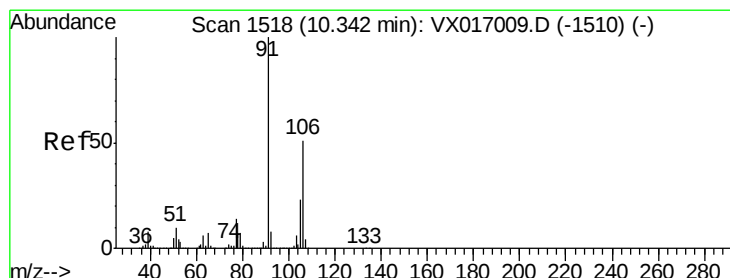
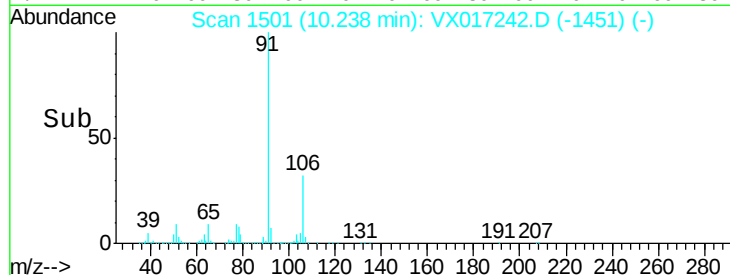
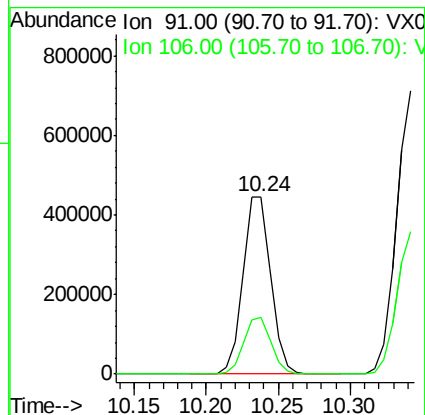
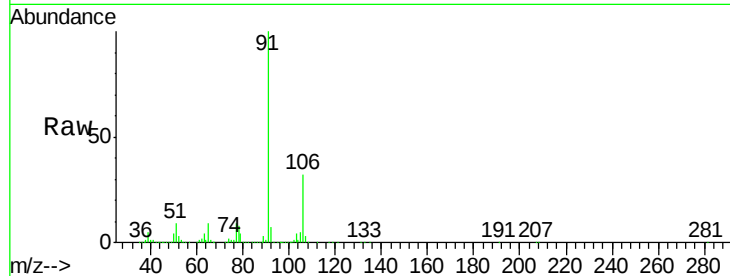
Ion Ratio Lower Upper

91 100

106 32.3 24.7 37.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 90.291 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017242.D

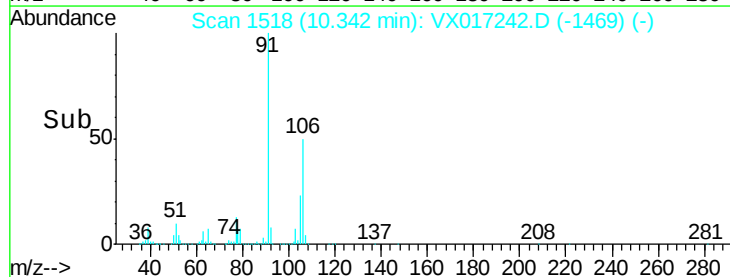
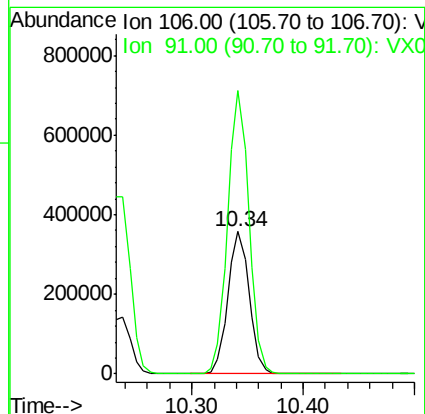
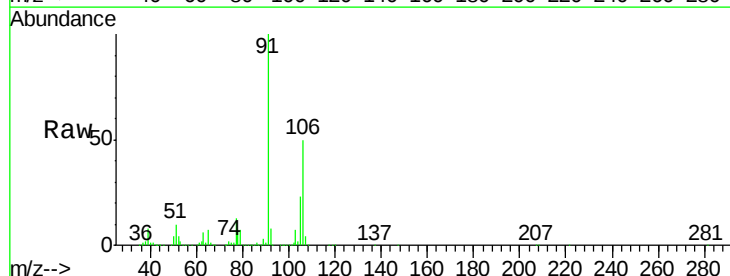
Acq: 08 Jul 2020 07:02

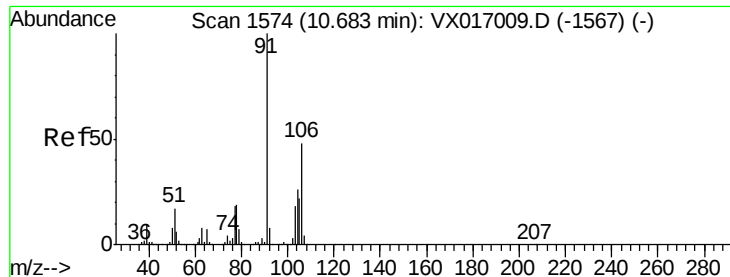
Tgt Ion: 106 Resp: 473483

Ion Ratio Lower Upper

106 100

91 199.2 158.6 238.0





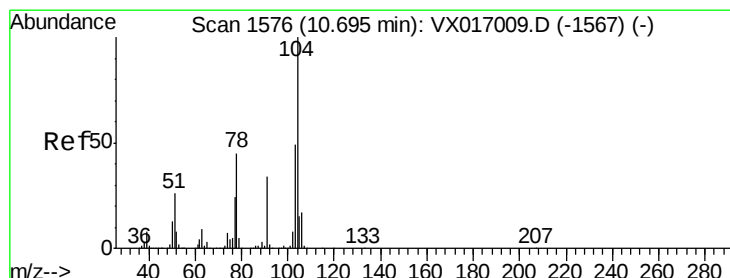
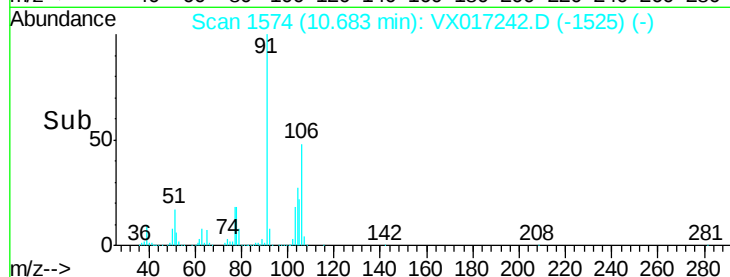
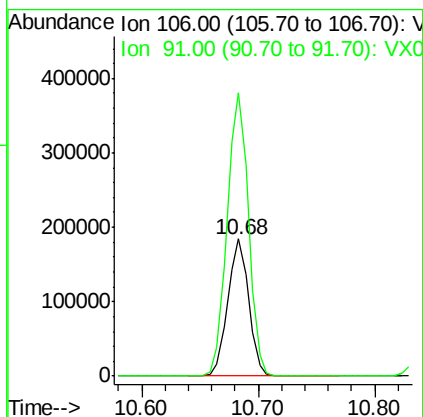
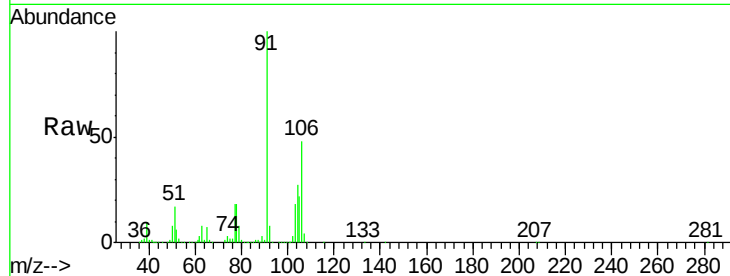
#69
o-Xylene
Concen: 46.046 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	105.6	316.7

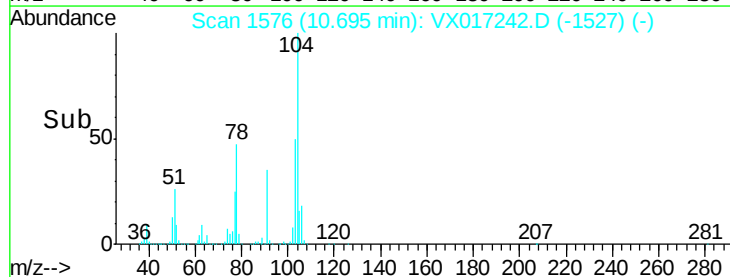
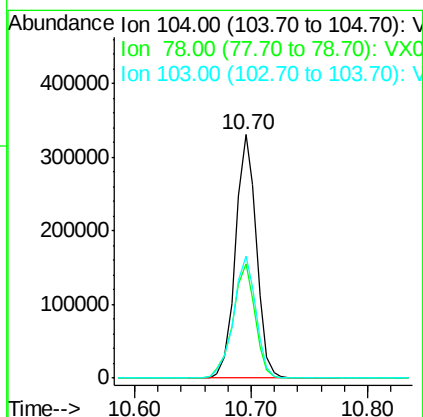
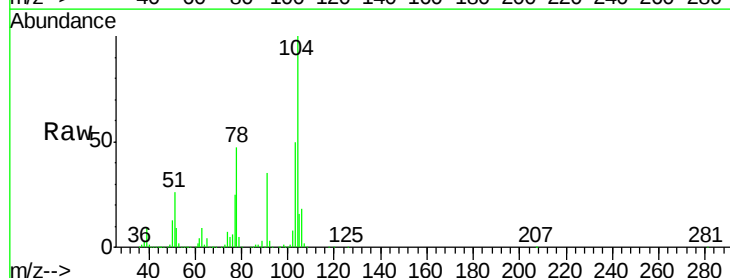
Manual Integrations
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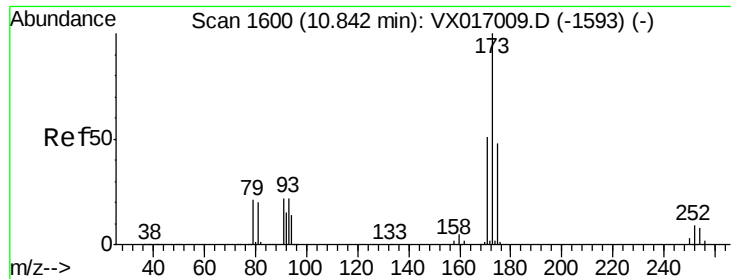
MMDadoda
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#70
Styrene
Concen: 48.770 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.5	59.3
103	53.7	43.0	64.6





#71

Bromoform

Concen: 55.399 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 138458

Ion Ratio Lower Upper

173 100

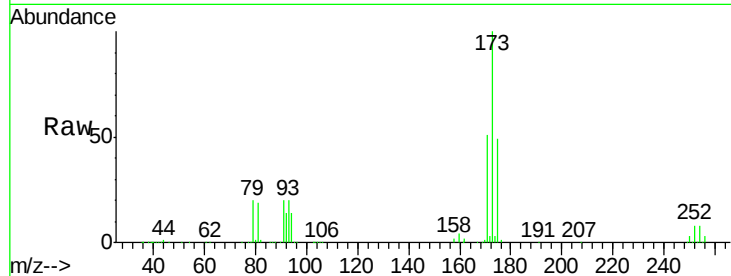
175 48.5 24.5 73.5

254 0.2 0.1 0.1#

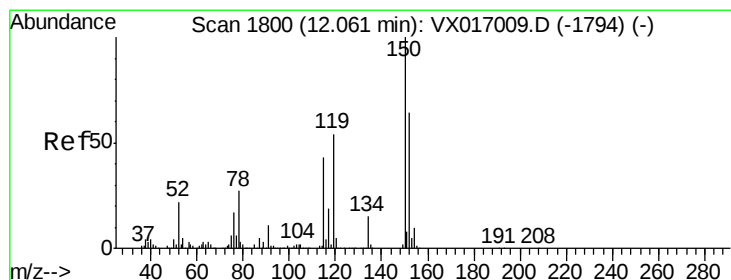
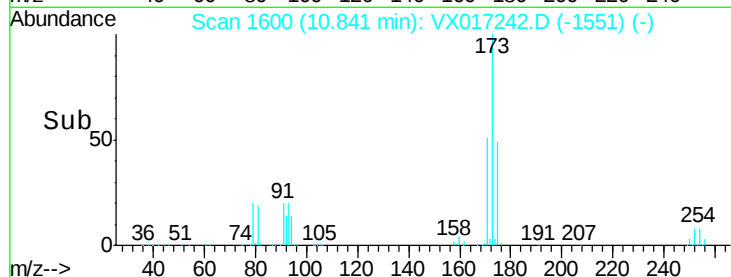
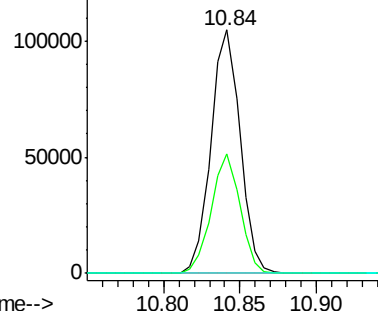
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

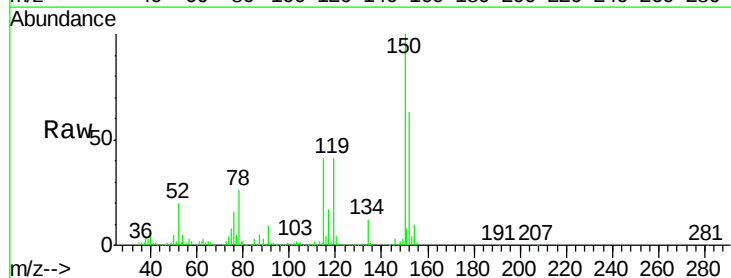
Tgt Ion:152 Resp: 218297

Ion Ratio Lower Upper

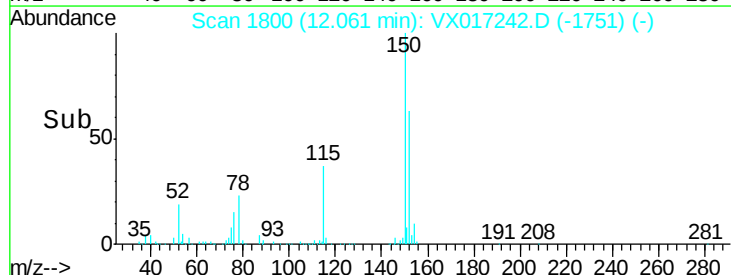
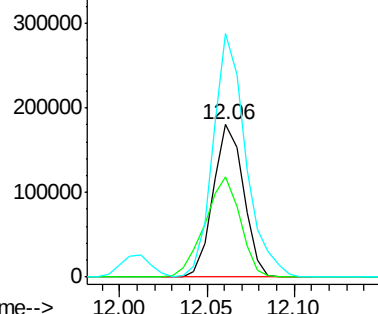
152 100

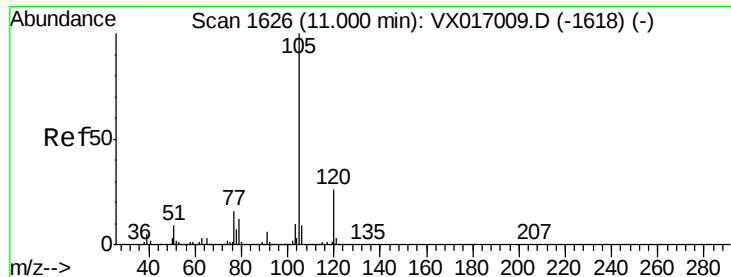
115 76.6 40.9 122.7

150 171.2 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: 40.988 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 586074

Ion Ratio Lower Upper

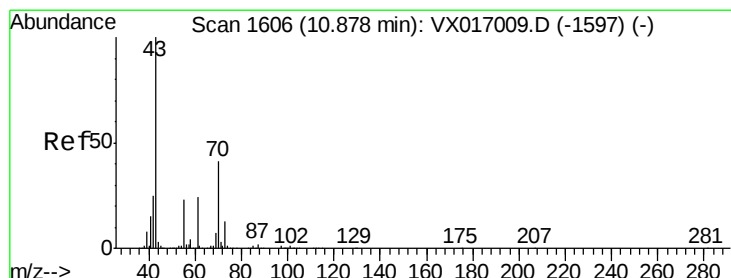
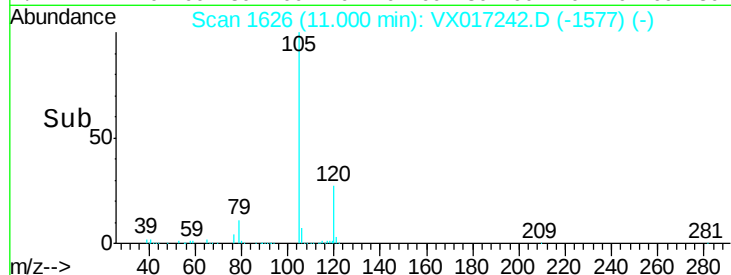
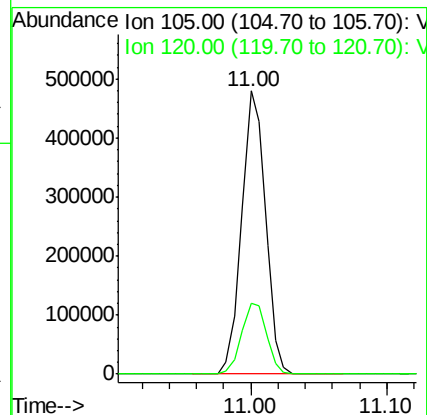
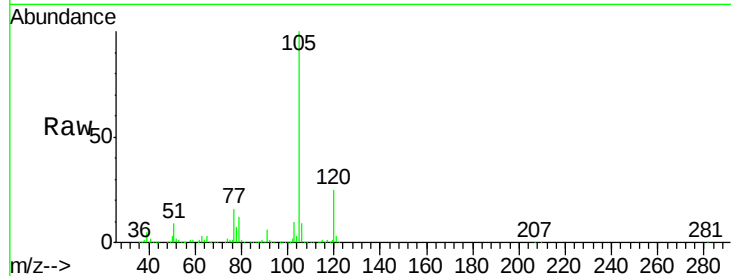
105 100

120 26.5 13.4 40.2

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#74

N-ethyl acetate

Concen: 46.506 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion: 43 Resp: 283741

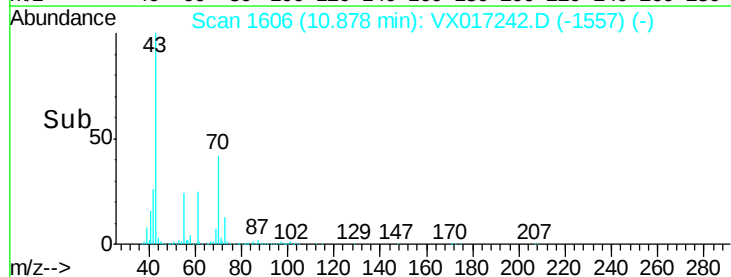
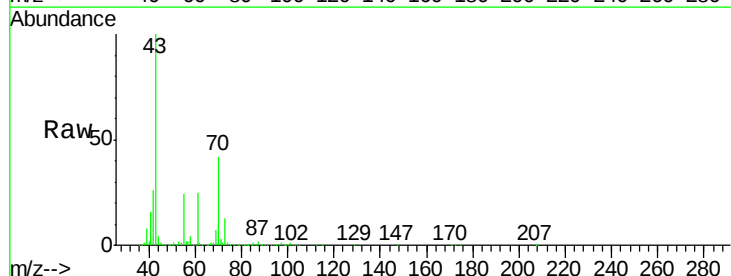
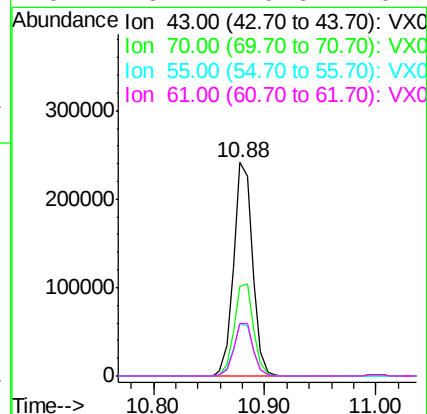
Ion Ratio Lower Upper

43 100

70 43.8 34.2 51.2

55 25.1 19.2 28.8

61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.221 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

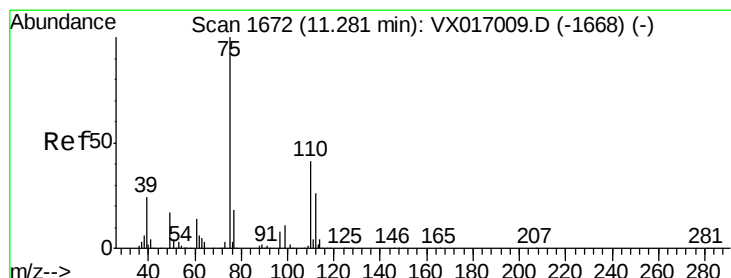
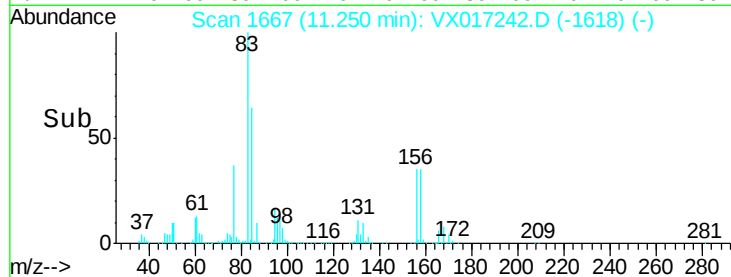
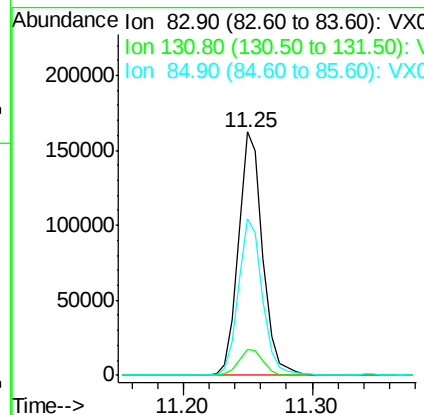
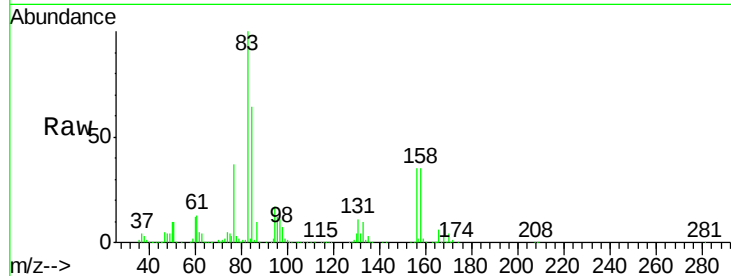
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	212389
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.4	16.2
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.250 ug/l m

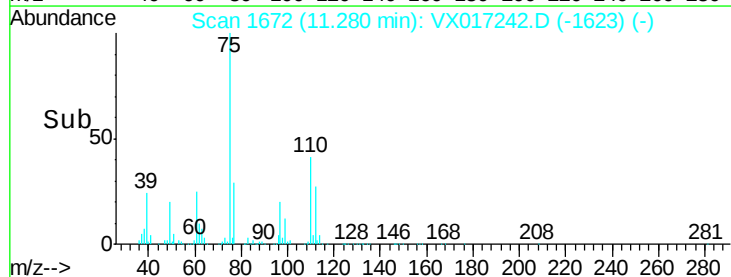
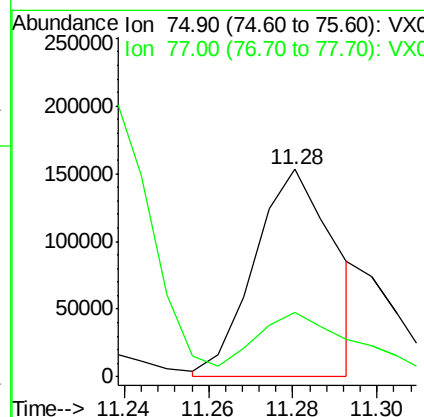
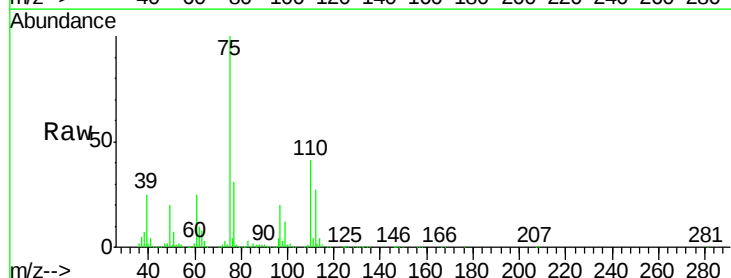
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	75	Resp:	202829
Ion	Ratio	Lower	Upper
75	100		
77	39.5	20.2	60.6





#77

Bromobenzene

Concen: 46.111 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 181208

Ion Ratio Lower Upper

156 100

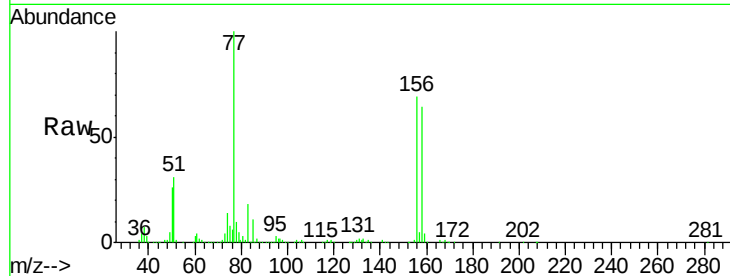
77 145.2 76.9 230.7

158 96.8 47.9 143.6

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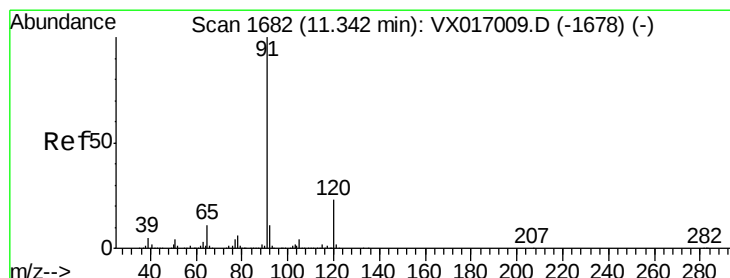
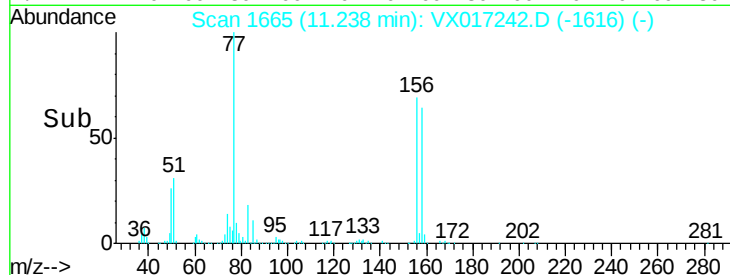
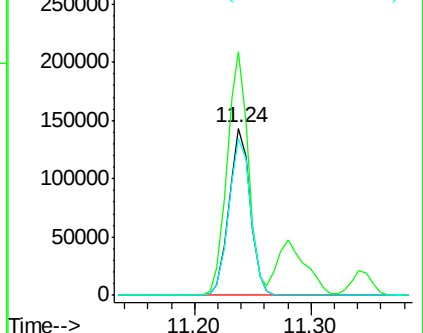
7/8/2020 9:32:12 AM



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: 40.635 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017242.D

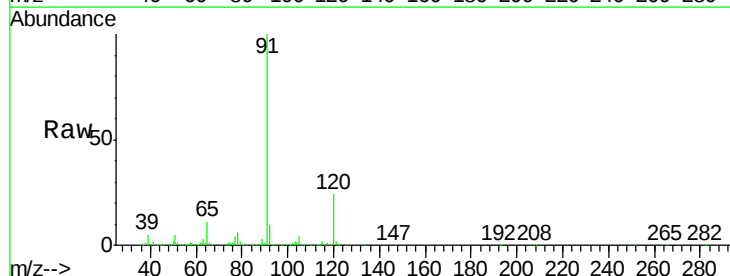
Acq: 08 Jul 2020 07:02

Tgt Ion: 91 Resp: 657041

Ion Ratio Lower Upper

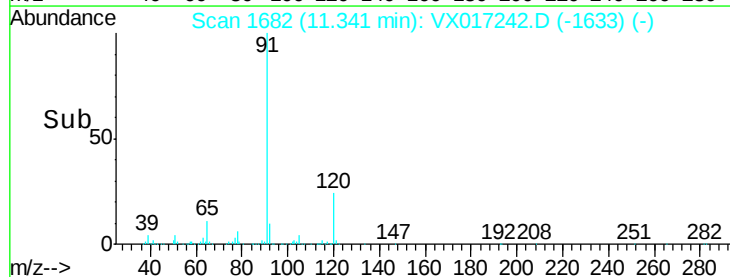
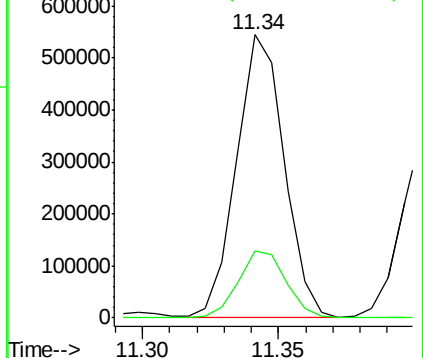
91 100

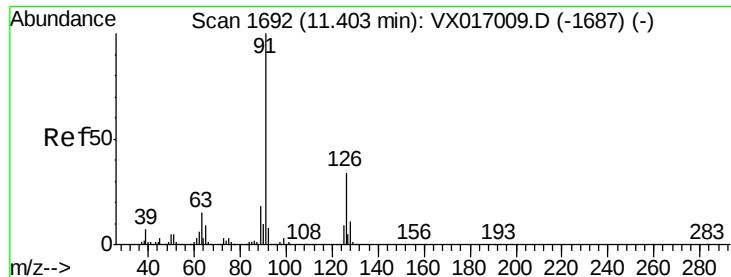
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.704 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 427687

Ion Ratio Lower Upper

91 100

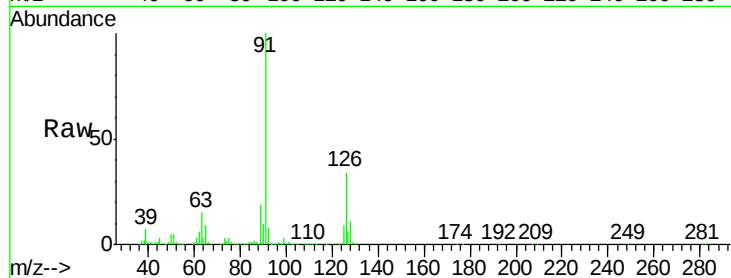
126 34.6 17.4 52.3

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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)

600000

500000

400000

300000

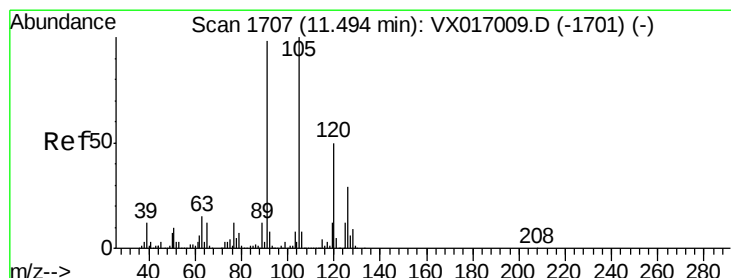
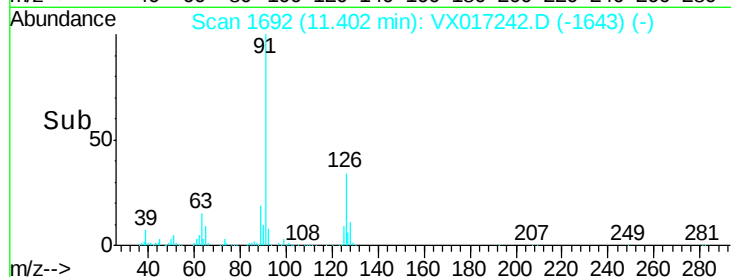
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 43.582 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017242.D

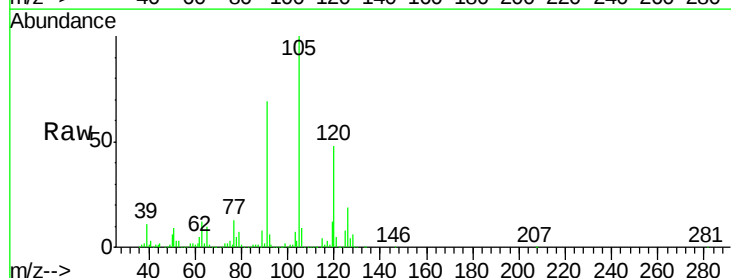
Acq: 08 Jul 2020 07:02

Tgt Ion: 105 Resp: 516898

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

500000

400000

300000

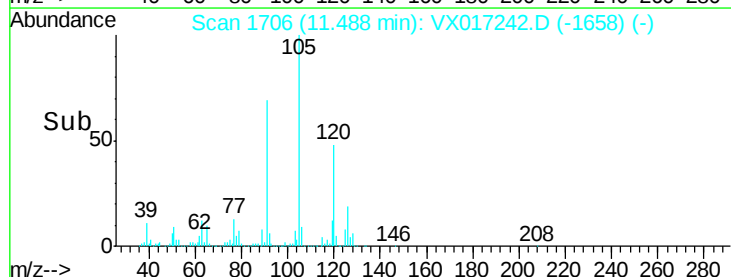
200000

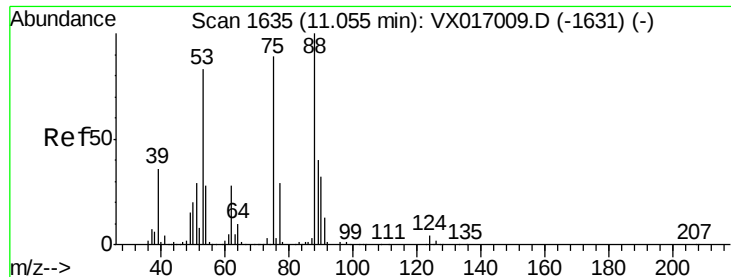
100000

0

11.40 11.45 11.50 11.55

Time-->





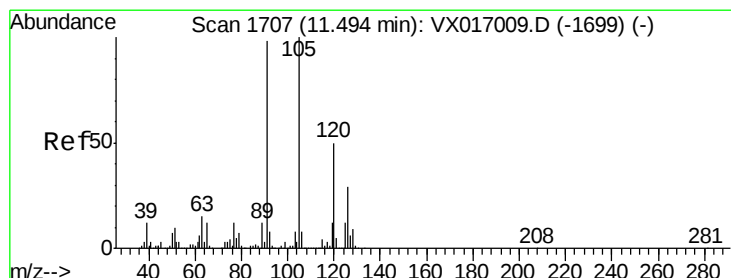
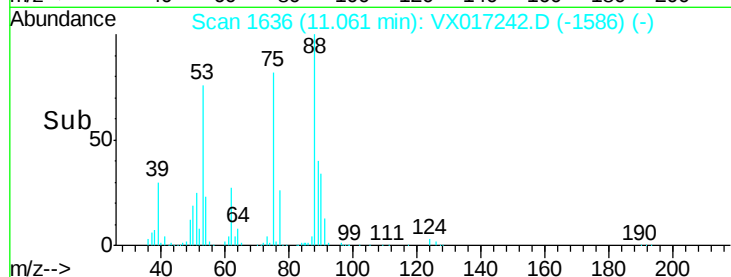
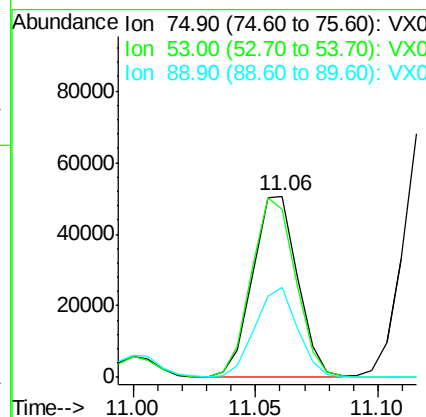
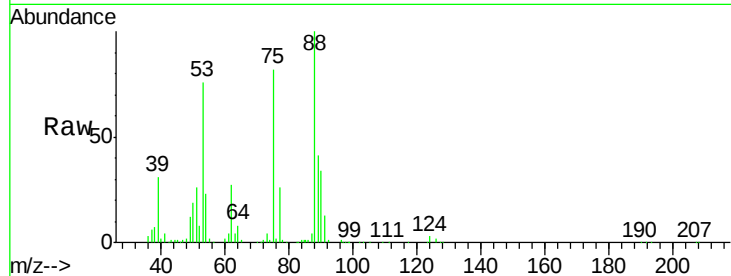
#81
trans-1,4-Dichloro-2-butene
Concen: 38.910 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	72.4	108.6
89	47.6	37.0	55.4

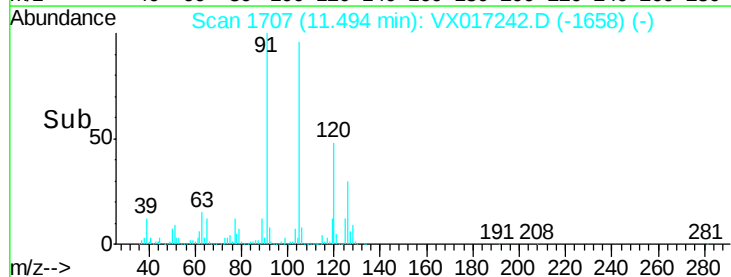
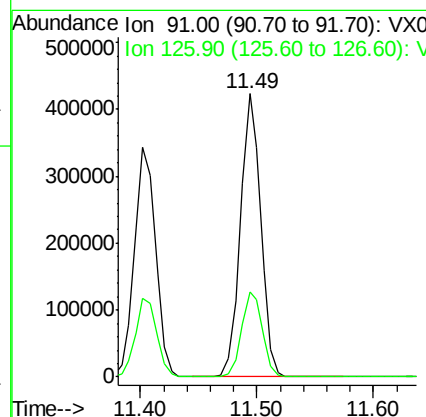
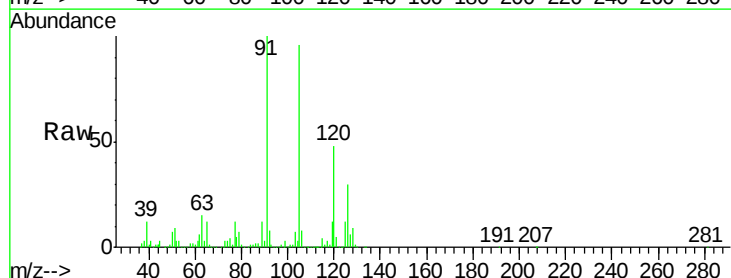
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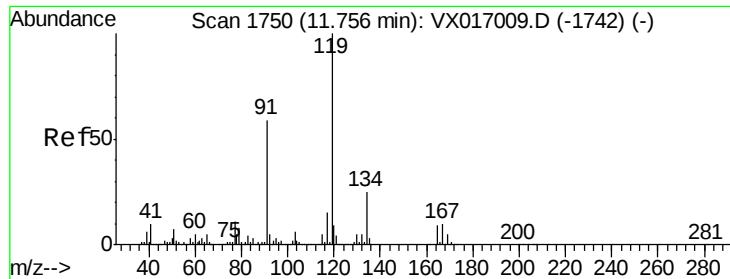
MMDadoda
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#82
4-Chlorotoluene
Concen: 44.157 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.5





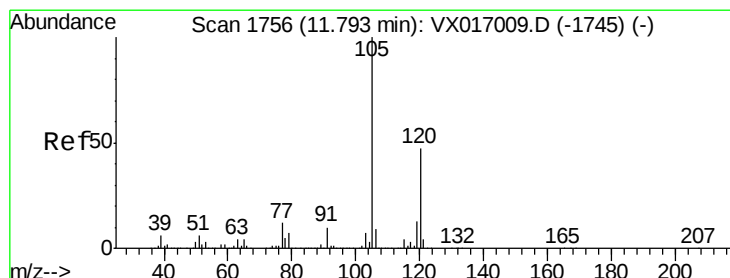
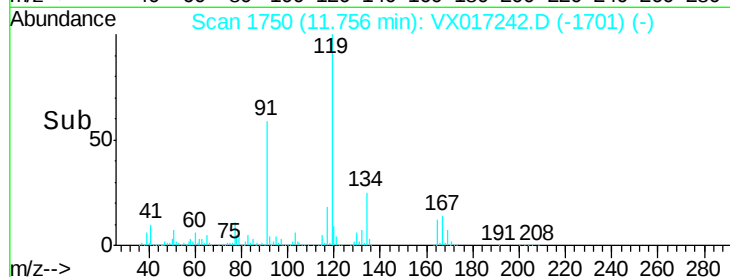
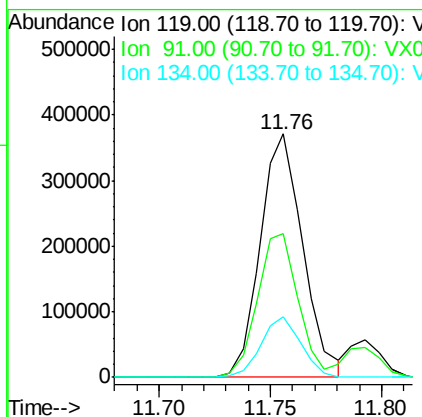
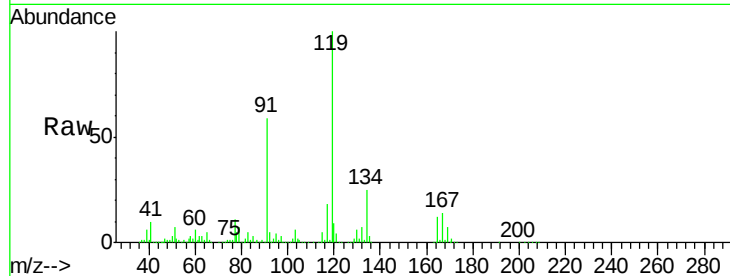
#83
 tert-Butylbenzene
 Concen: 42.358 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	493165		
91	56.3	28.3	84.9	
134	23.5	11.7	35.1	

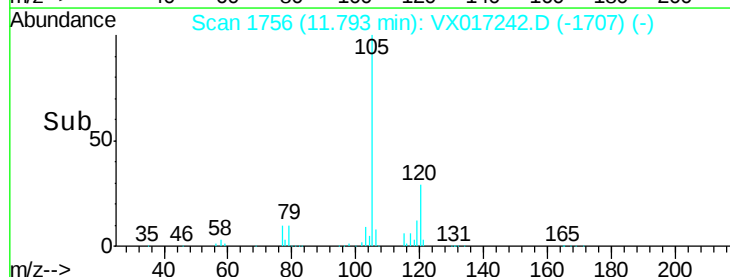
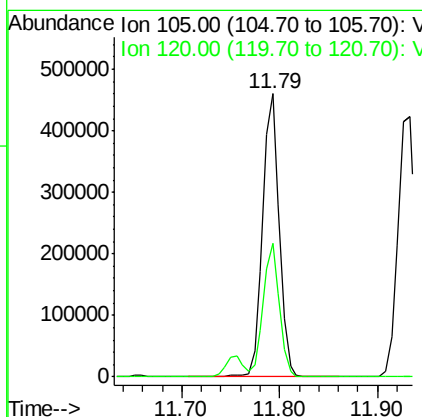
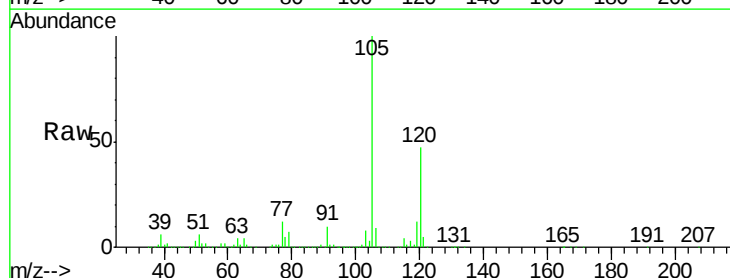
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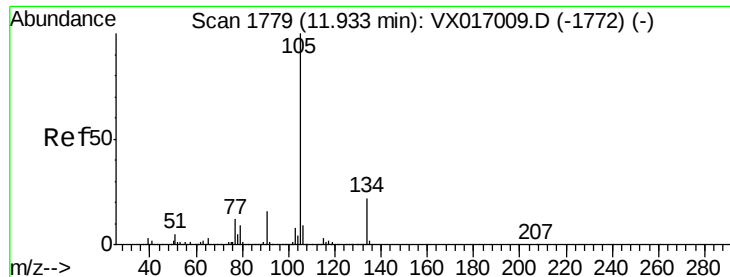
MMDadoda
 7/8/2020 9:32:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 44.920 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	540489		
120	46.1	22.9	68.5	





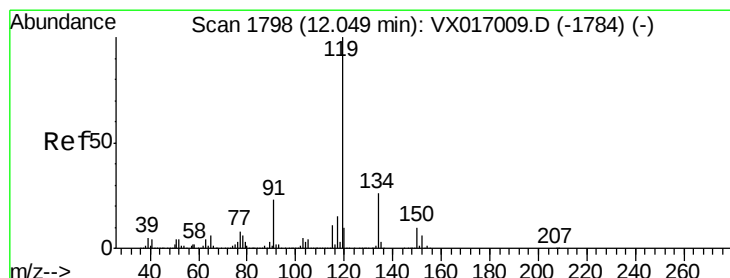
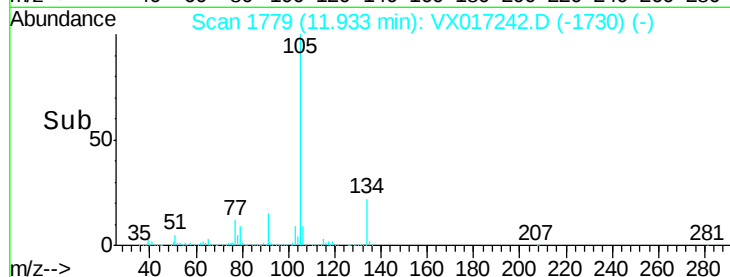
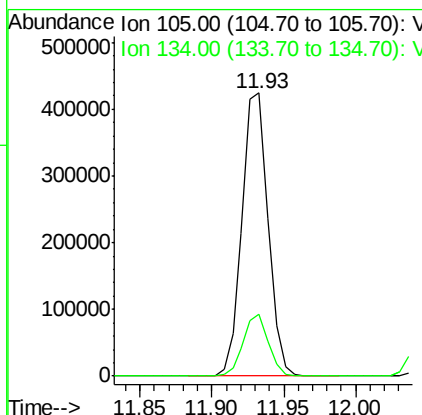
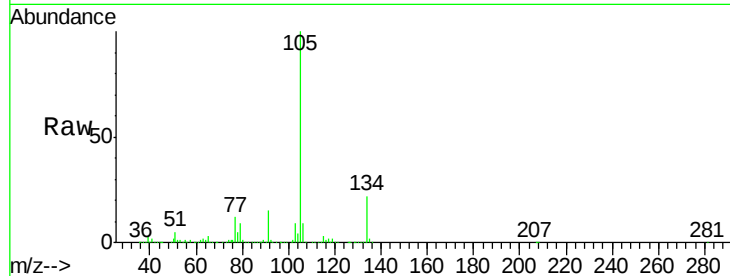
#85
 sec-Butylbenzene
 Concen: 38.922 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

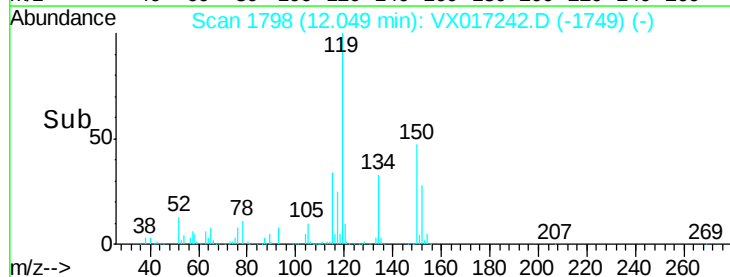
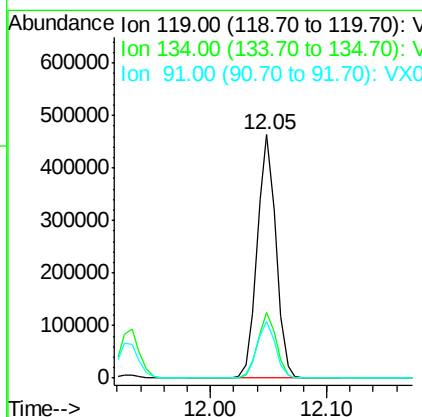
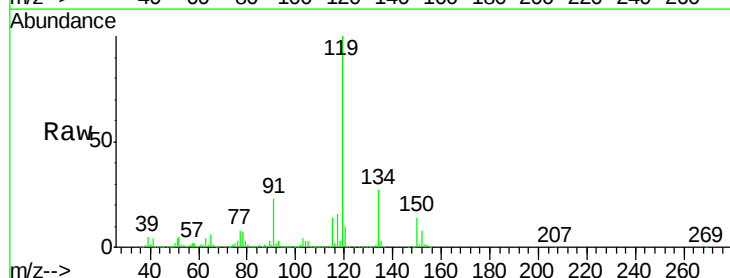
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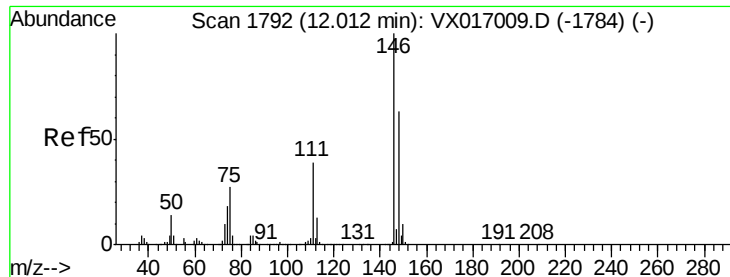
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#86
 p-Isopropyltoluene
 Concen: 40.936 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.2	39.5
91	23.5	11.8	35.4





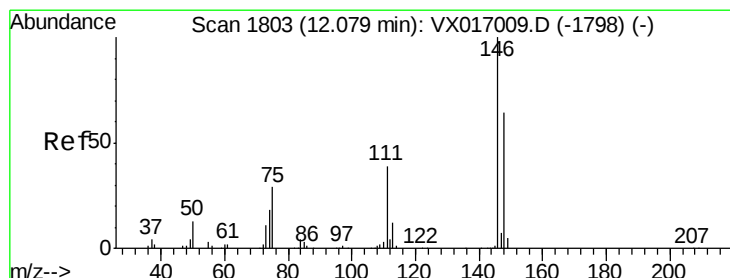
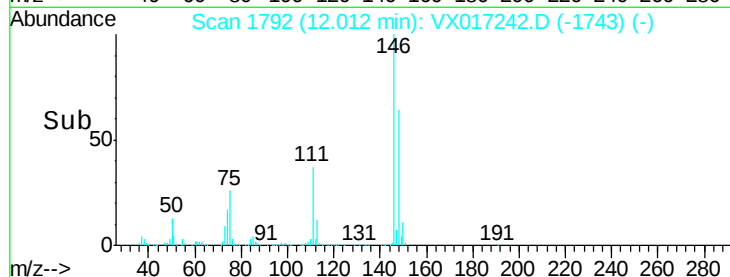
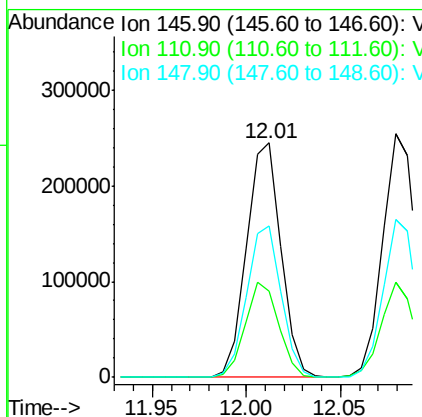
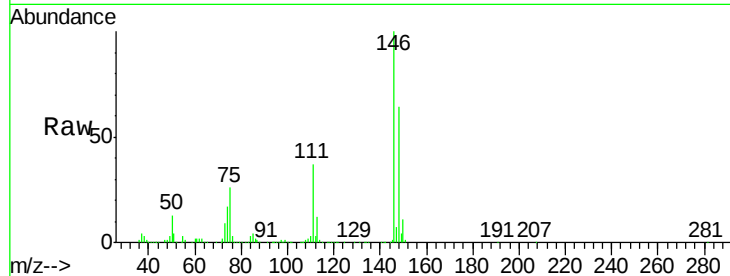
#87
 1,3-Dichlorobenzene
 Concen: 43.524 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.4	61.2
148	64.4	32.5	97.5

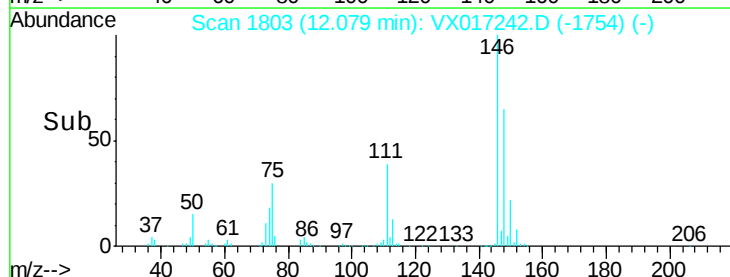
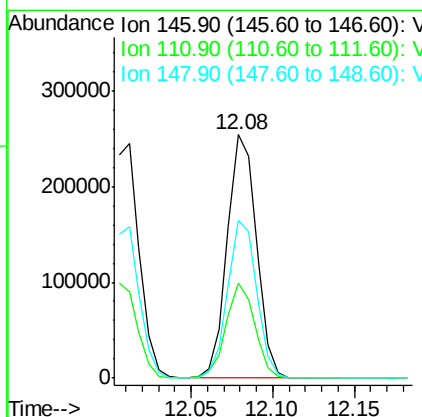
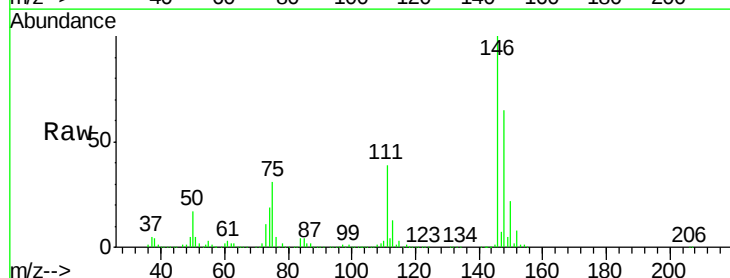
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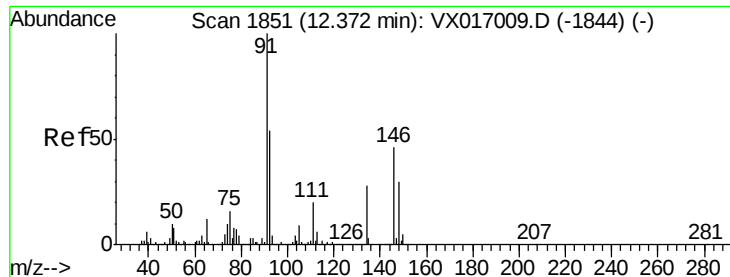
MMDadoda
 7/8/2020 9:32:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.018 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	64.3	31.9	95.7





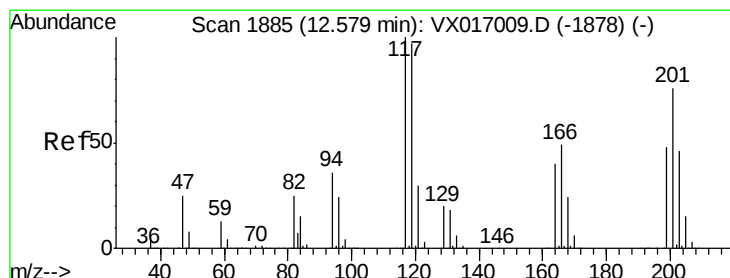
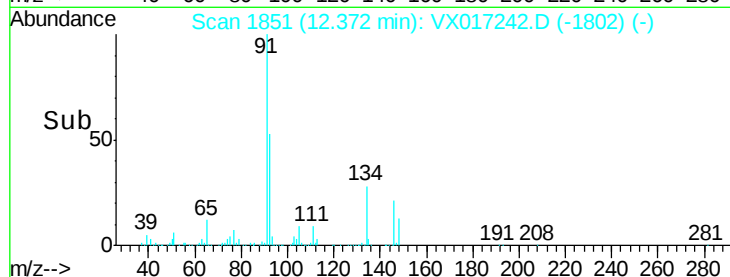
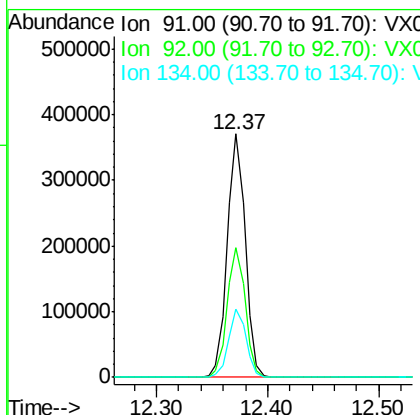
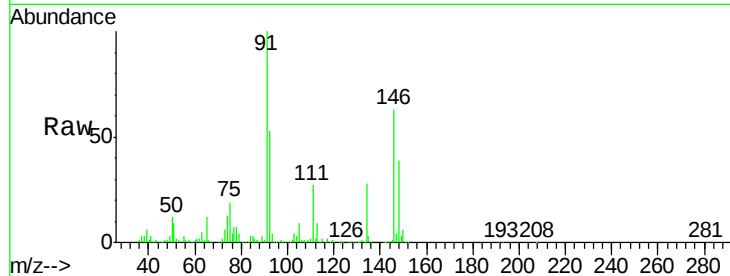
#89
n-Butylbenzene
Concen: 36.459 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	27.5	13.6	40.7

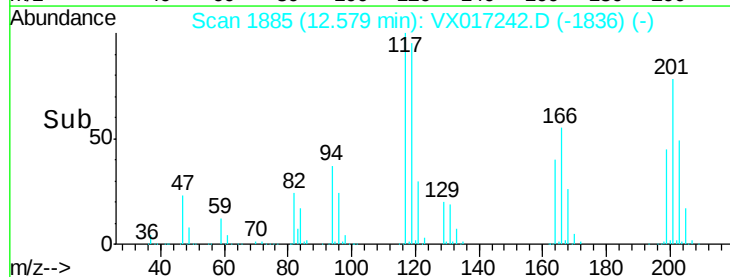
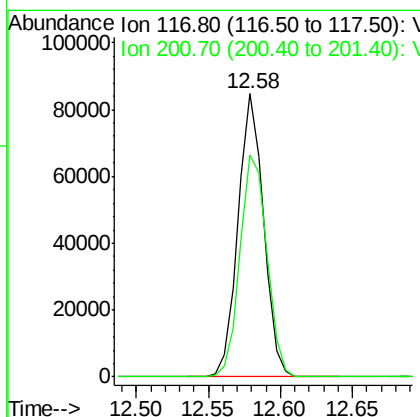
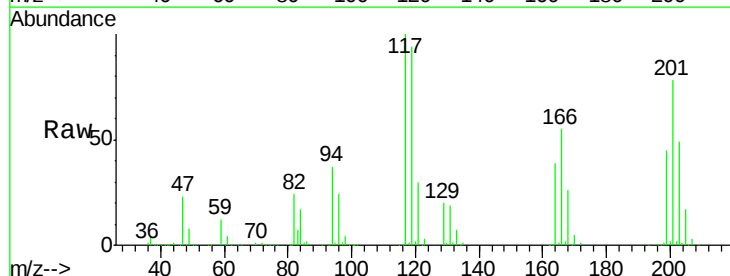
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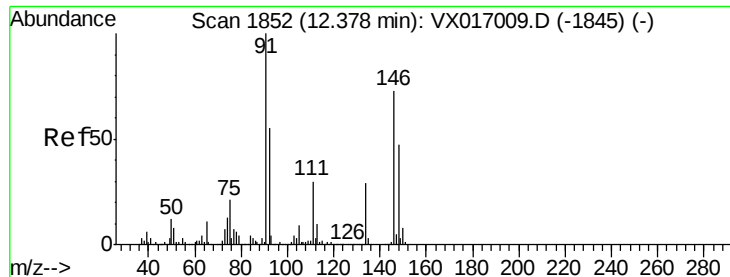
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#90
Hexachloroethane
Concen: 41.638 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017242.D
Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 46.576 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

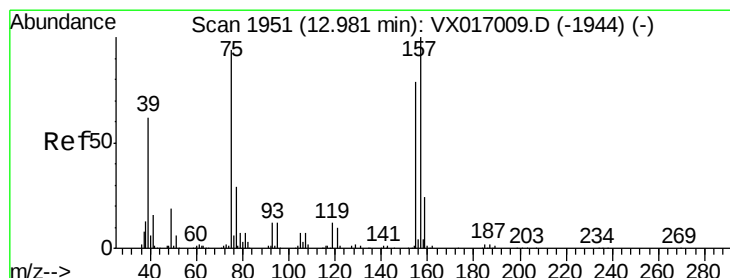
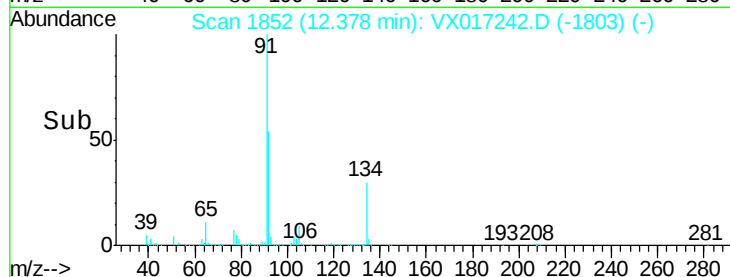
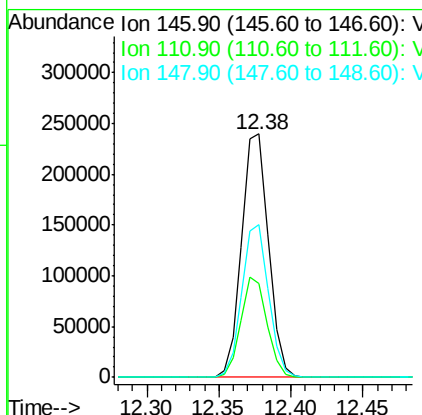
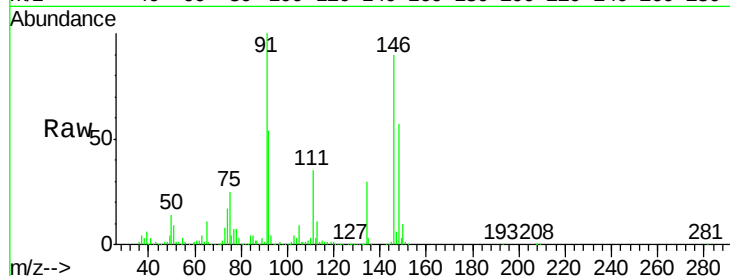
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	310735
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.6	61.9
148	62.3	32.4	97.2

Manual Integrations
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7/8/2020 9:32:12 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.804 ug/l

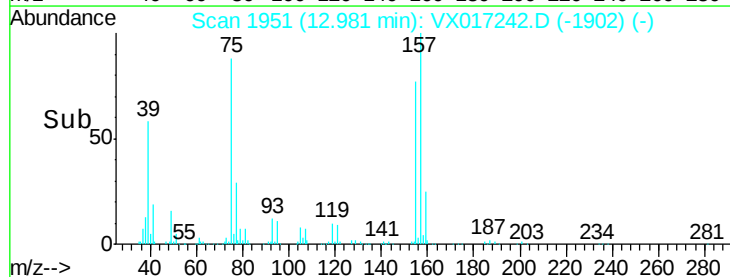
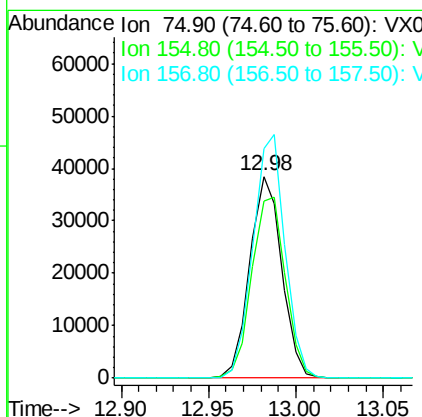
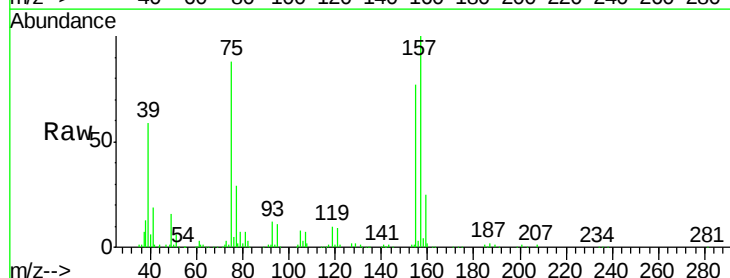
RT: 12.98 min Scan# 1951

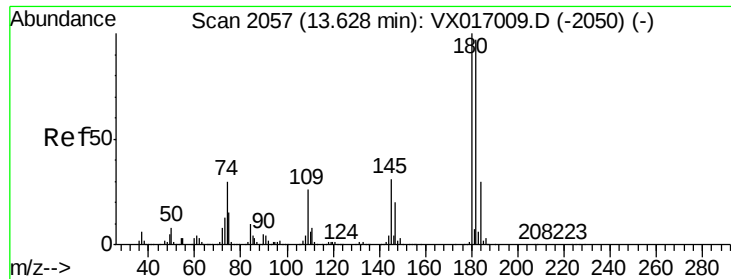
Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	75	Resp:	49146
Ion Ratio	Lower	Upper	
75	100		
155	93.8	45.1	135.2
157	120.0	56.5	169.3





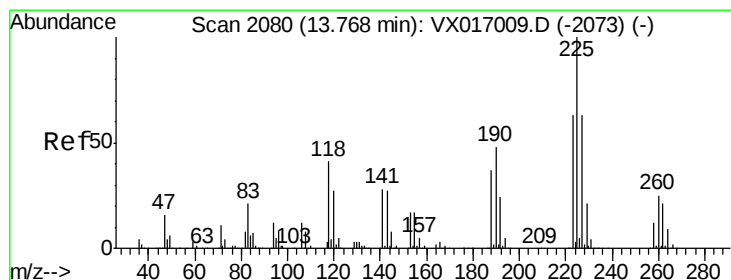
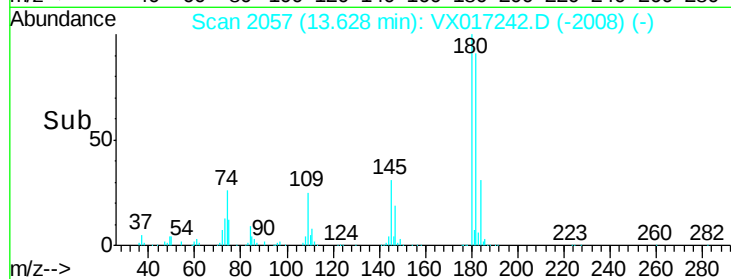
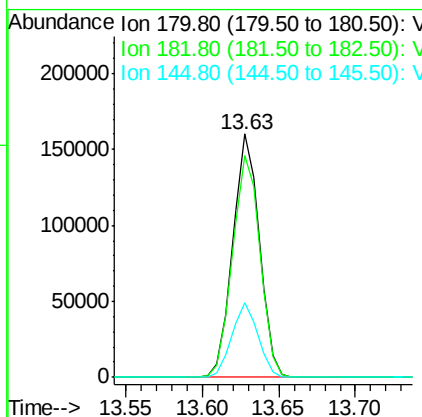
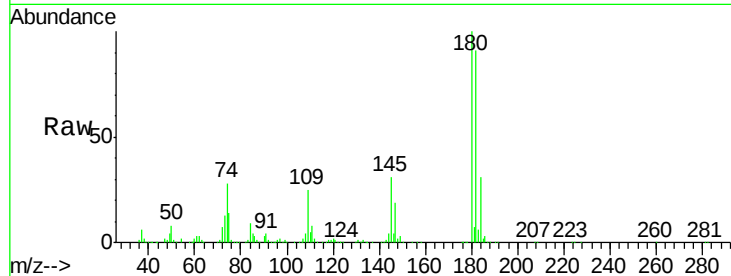
#93
 1,2,4-Trichlorobenzene
 Concen: 42.315 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192685		
182	94.0	47.3	141.9	
145	30.4	15.4	46.2	

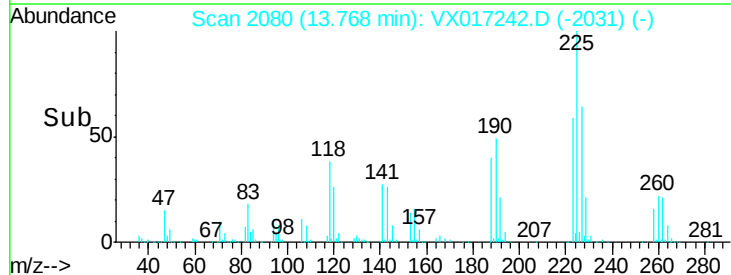
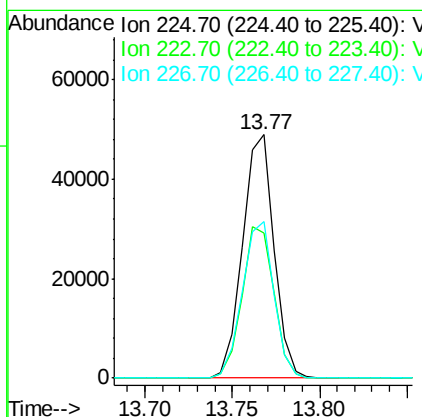
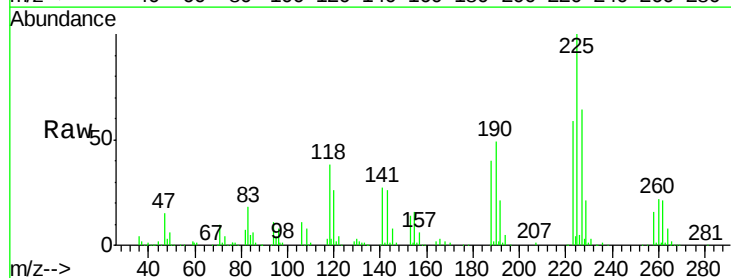
Manual Integrations
 APPROVED

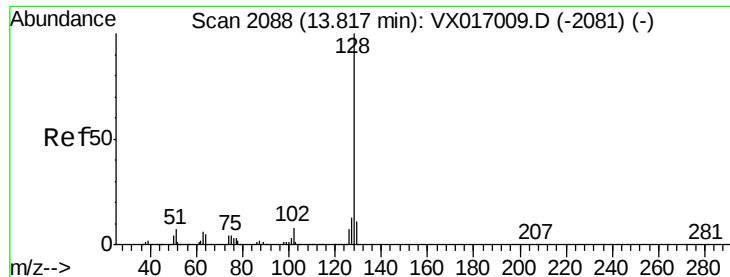
MMDadoda
 7/8/2020 9:32:12 AM



#94
 Hexachlorobutadiene
 Concen: 35.546 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017242.D
 Acq: 08 Jul 2020 07:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61002		
223	63.2	32.5	97.5	
227	64.3	33.1	99.2	





#95

Naphthalene

Concen: 47.241 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Instrument :

MSVOA_X

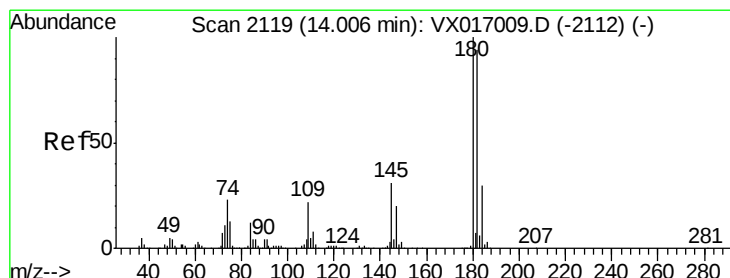
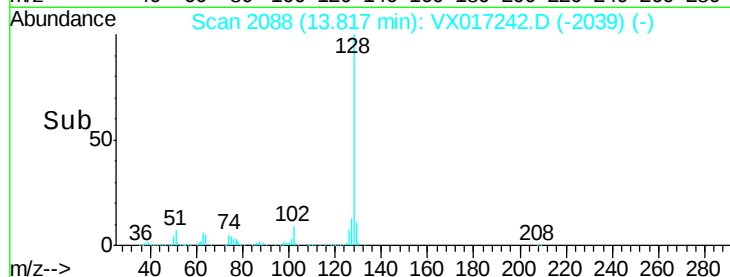
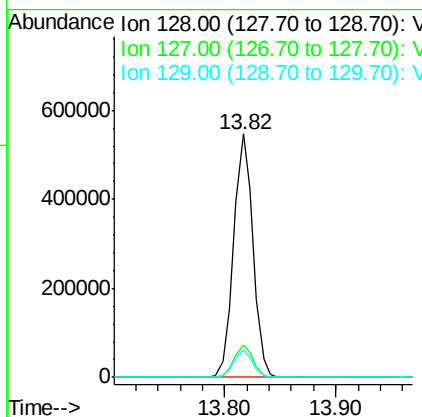
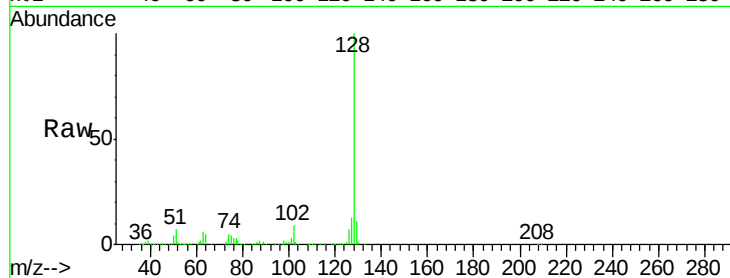
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	653990
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 44.022 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017242.D

Acq: 08 Jul 2020 07:02

Tgt Ion:	180	Resp:	194000
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.1	141.4
145	32.6	16.6	49.7

