

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017382.D
 Acq On : 14 Jul 2020 16:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 01:25:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174165	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.47	113	142639	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.70	98	519422	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	209600	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	129914	54.286	ug/l	100
3) Chloromethane	1.31	50	137621	51.080	ug/l	99
4) Vinyl Chloride	1.39	62	137204	51.477	ug/l	100
5) Bromomethane	1.62	94	87538	50.451	ug/l	98
6) Chloroethane	1.71	64	86569	51.456	ug/l	100
7) Trichlorofluoromethane	1.92	101	228545	50.803	ug/l	97
8) Diethyl Ether	2.17	74	79786	50.174	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131465	51.300	ug/l	99
10) Methyl Iodide	2.49	142	162156	47.851	ug/l	98
11) Tert butyl alcohol	3.01	59	161293	269.698	ug/l	100
12) 1,1-Dichloroethene	2.36	96	132626	51.530	ug/l	93
13) Acrolein	2.28	56	92074	280.853	ug/l	100
14) Allyl chloride	2.71	41	234366	52.553	ug/l	98
15) Acrylonitrile	3.12	53	388123	267.713	ug/l	99
16) Acetone	2.42	43	321990	254.264	ug/l	98
17) Carbon Disulfide	2.55	76	385009	51.279	ug/l	99
18) Methyl Acetate	2.75	43	164239	52.510	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	468600	53.620	ug/l	99
20) Methylene Chloride	2.84	84	153237	49.596	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	151017	51.284	ug/l	98
22) Diisopropyl ether	3.82	45	457470	53.851	ug/l	99
23) Vinyl Acetate	3.79	43	2058119	275.477	ug/l	99
24) 1,1-Dichloroethane	3.67	63	257880	51.653	ug/l	99
25) 2-Butanone	4.64	43	528426	262.721	ug/l	98
26) 2,2-Dichloropropane	4.56	77	218479	47.021	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	164102	50.818	ug/l	99
28) Bromochloromethane	4.98	49	117271	50.847	ug/l	98
29) Tetrahydrofuran	5.09	42	343871	264.112	ug/l	99
30) Chloroform	5.18	83	274602	51.123	ug/l	95
31) Cyclohexane	5.55	56	211049	51.638	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	251495	50.647	ug/l	98
36) 1,1-Dichloropropene	5.77	75	197684	49.553	ug/l	99
37) Ethyl Acetate	4.79	43	209581	50.800	ug/l	100
38) Carbon Tetrachloride	5.76	117	230504	49.350	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213247	49.224	ug/l	99
40) Benzene	6.12	78	583784	50.920	ug/l	99
41) Methacrylonitrile	5.00	41	117884	53.225	ug/l	97
42) 1,2-Dichloroethane	6.17	62	223234	50.116	ug/l	100
43) Isopropyl Acetate	6.42	43	334941	50.807	ug/l	99
44) Trichloroethene	7.19	130	172599	49.286	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151251	51.559	ug/l	98
46) Dibromomethane	7.64	93	108235	51.158	ug/l	98
47) Bromodichloromethane	7.88	83	224729	50.806	ug/l	99
48) Methyl methacrylate	7.74	41	169963	53.726	ug/l	99
49) 1,4-Dioxane	7.71	88	70155	1083.661	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1067238	265.503	ug/l	99
52) Toluene	8.76	92	376980	51.239	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	243032	51.001	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	258352	50.832	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	159023	51.834	ug/l	99
56) Ethyl methacrylate	9.16	69	232656	53.415	ug/l	100
57) 1,3-Dichloropropane	9.35	76	259782	50.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	603489	272.878	ug/l	100
59) 2-Hexanone	9.47	43	801928	264.324	ug/l	100
60) Dibromochloromethane	9.57	129	189289	50.505	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171850	51.492	ug/l	100
64) Tetrachloroethene	9.32	164	170515	46.860	ug/l	97
65) Chlorobenzene	10.12	112	424388	49.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	168942	49.666	ug/l	99
67) Ethyl Benzene	10.24	91	722419	50.793	ug/l	100
68) m/p-Xylenes	10.34	106	563084	104.052	ug/l	99
69) o-Xylene	10.68	106	267496	51.730	ug/l	99
70) Styrene	10.70	104	478927	53.956	ug/l	99
71) Bromoform	10.84	173	145723	50.768	ug/l #	100
73) Isopropylbenzene	11.00	105	723605	49.923	ug/l	99
74) N-amyl acetate	10.88	43	309947	53.437	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	223684	50.828	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	279776	65.483	ug/l	86
77) Bromobenzene	11.24	156	202711	49.104	ug/l	98
78) n-propylbenzene	11.34	91	819335	50.333	ug/l	100
79) 2-Chlorotoluene	11.40	91	501896	50.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	625321	50.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	81200	48.212	ug/l	100
82) 4-Chlorotoluene	11.49	91	606562	51.021	ug/l	99
83) tert-Butylbenzene	11.76	119	596989	50.194	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	639368	51.437	ug/l	99
85) sec-Butylbenzene	11.93	105	695311	49.934	ug/l	100
86) p-Isopropyltoluene	12.05	119	668235	50.718	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	349381	47.310	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346537	46.446	ug/l	99
89) n-Butylbenzene	12.37	91	551835	49.111	ug/l	99
90) Hexachloroethane	12.58	117	121665	48.640	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	338017	48.706	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52773	45.446	ug/l	99

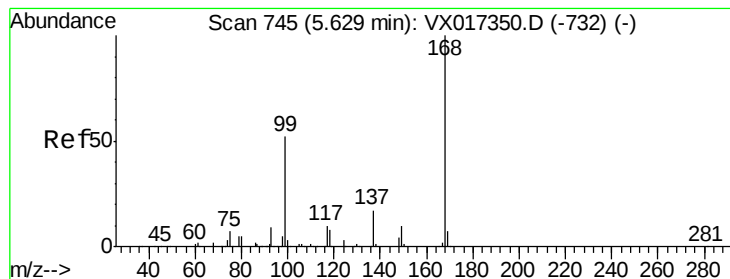
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
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QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221398	45.957	ug/l	97
94) Hexachlorobutadiene	13.76	225	91400	46.523	ug/l	98
95) Naphthalene	13.82	128	721472	50.935	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218696	46.995	ug/l	99

(#) = 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. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

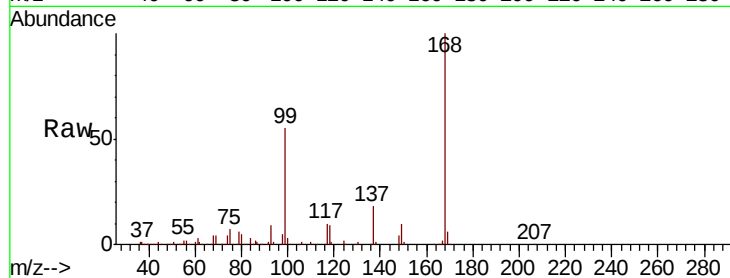
VSTDCCC050EC

Tot Ion:168 Resp: 282821

Ion Ratio Lower Upper

168 100

99 54.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

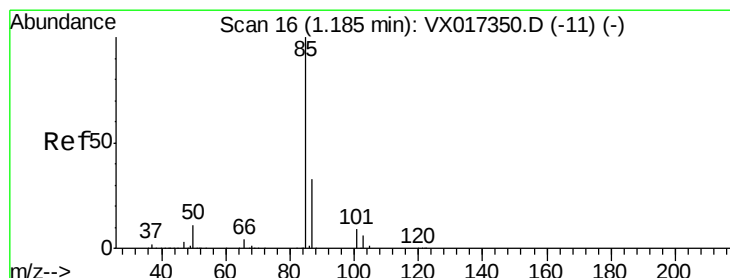
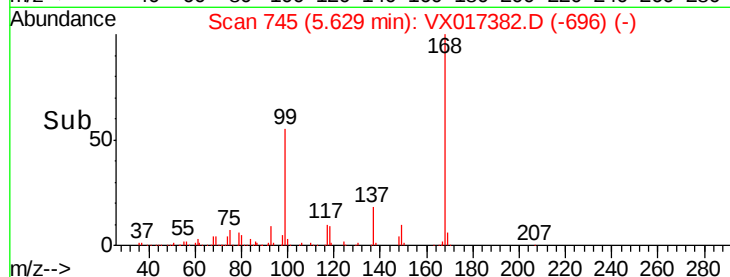
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.286 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017382.D

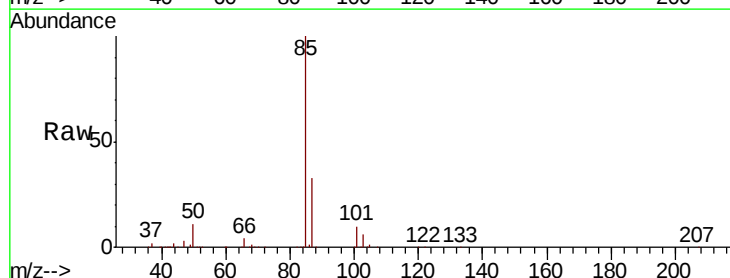
Acq: 14 Jul 2020 16:27

Tgt Ion: 85 Resp: 129914

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

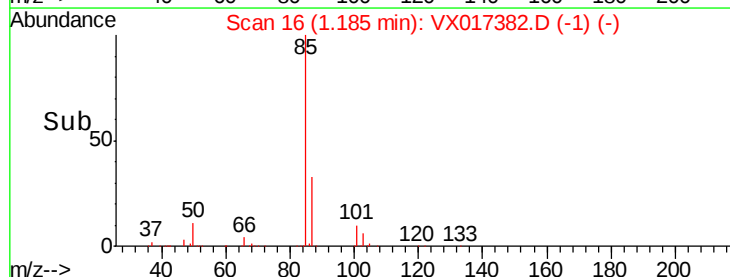
150000

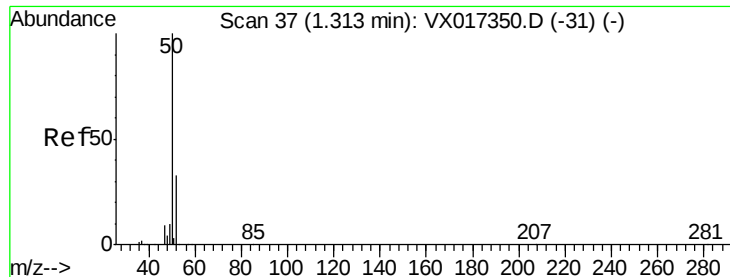
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Time-->

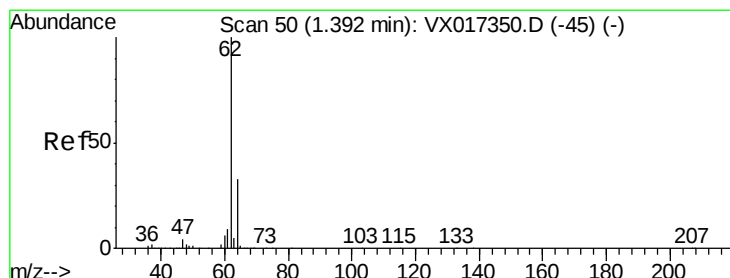
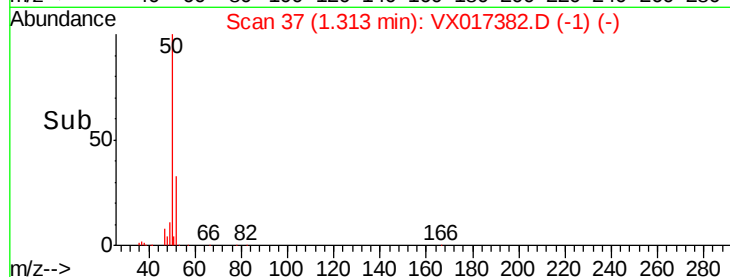
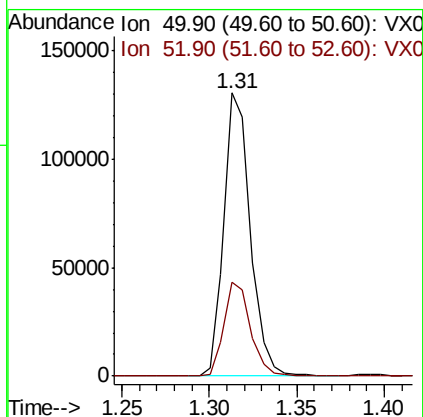
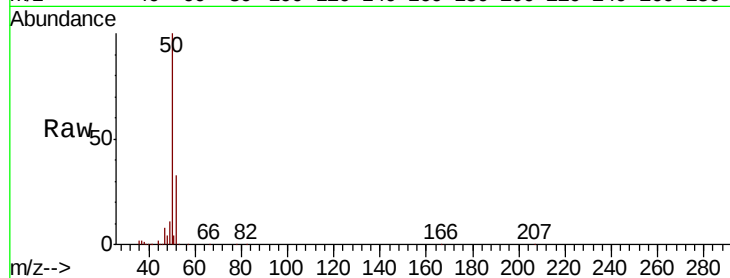




#3
Chloromethane
Concen: 51.080 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

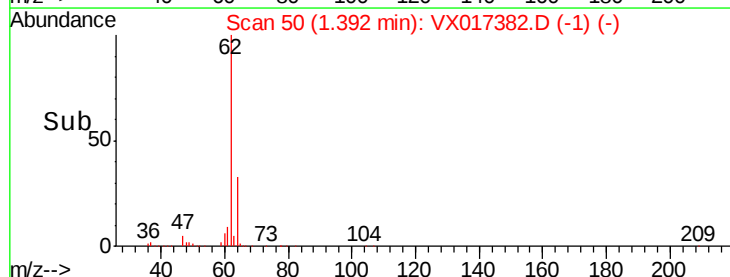
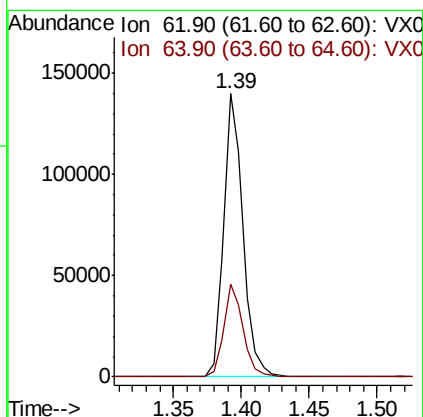
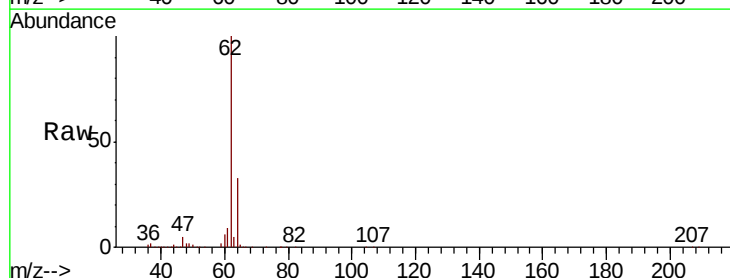
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

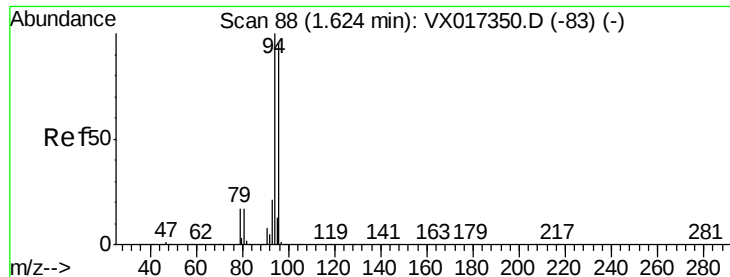
Tot Ion: 50 Resp: 137621
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 51.477 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 62 Resp: 137204
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5





#5

Bromomethane

Concen: 50.451 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

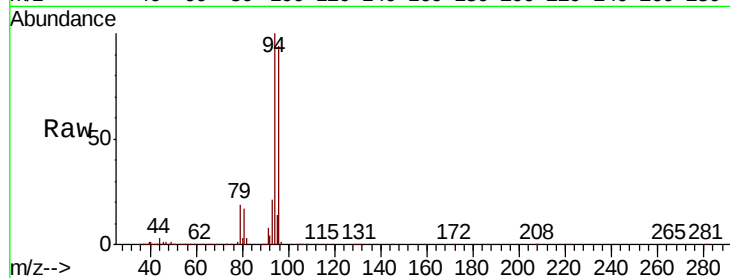
VSTDCCC050EC

Tot Ion: 94 Resp: 87538

Ion Ratio Lower Upper

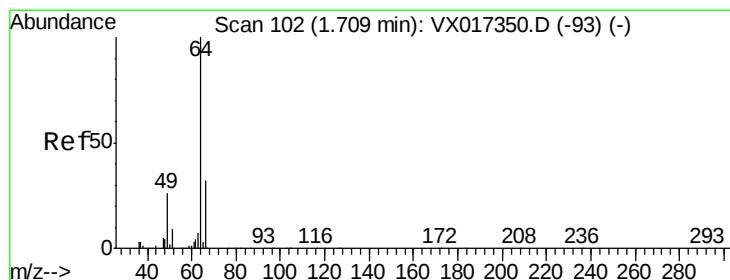
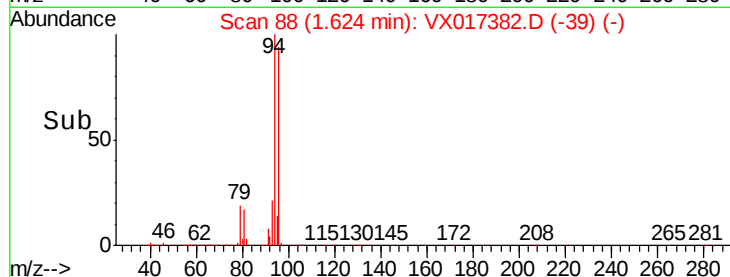
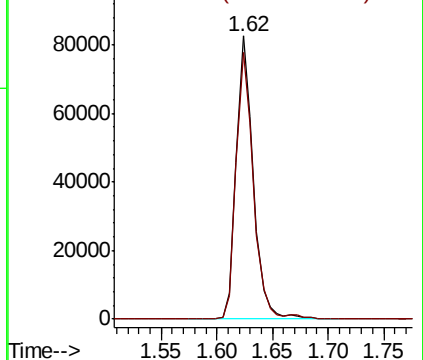
94 100

96 93.9 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.456 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017382.D

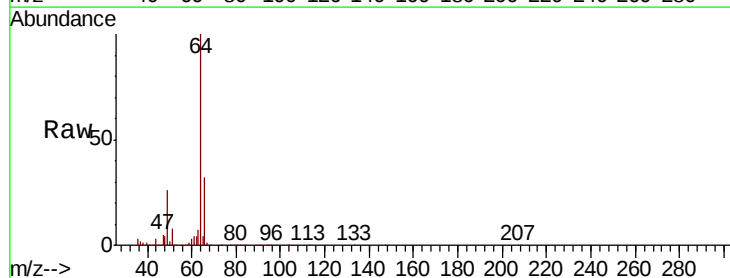
Acq: 14 Jul 2020 16:27

Tgt Ion: 64 Resp: 86569

Ion Ratio Lower Upper

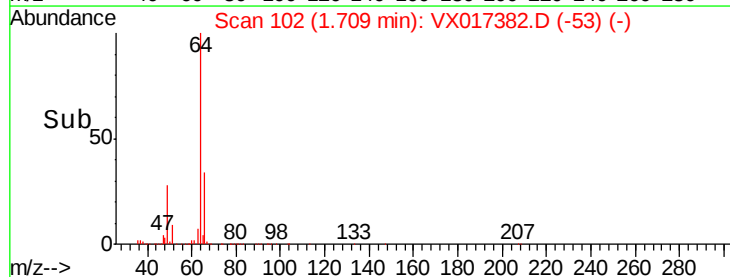
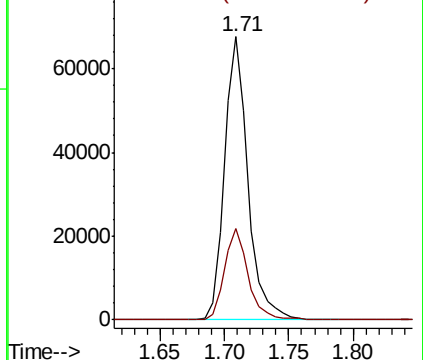
64 100

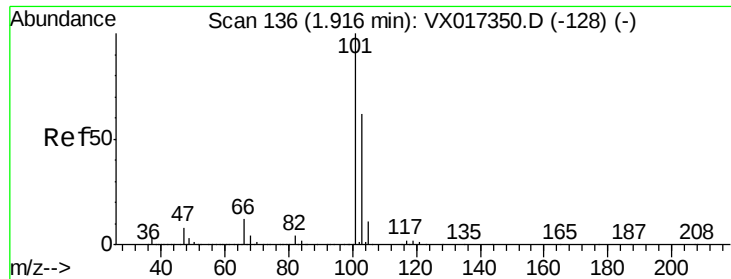
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



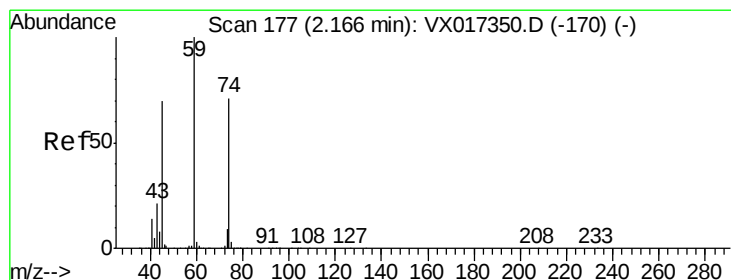
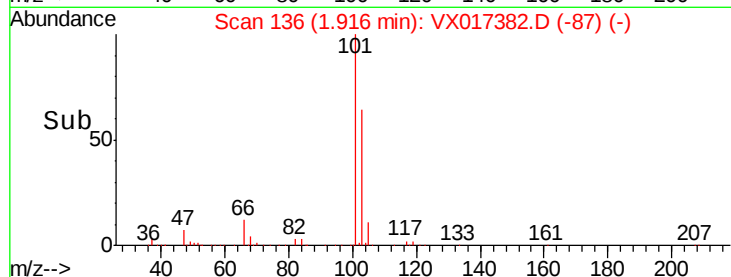
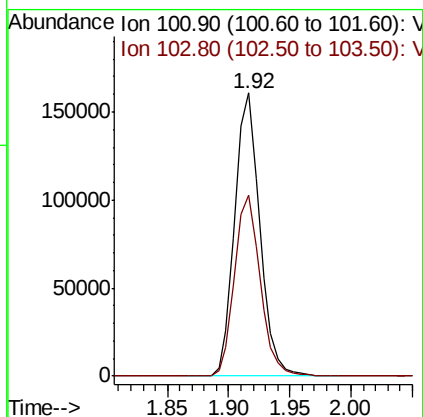
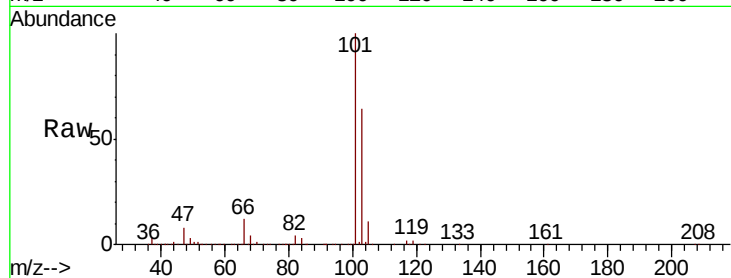


#7

Trichlorofluoromethane
Concen: 50.803 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Instrument :
MSVOA_X
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VSTDCCC050EC

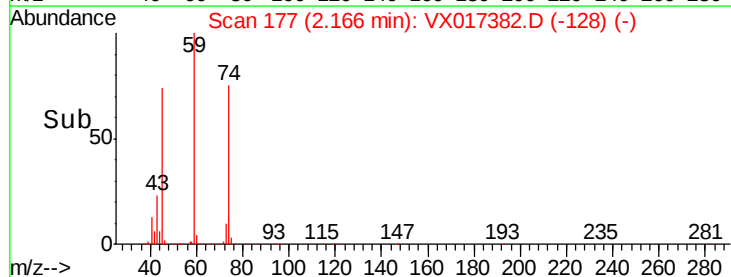
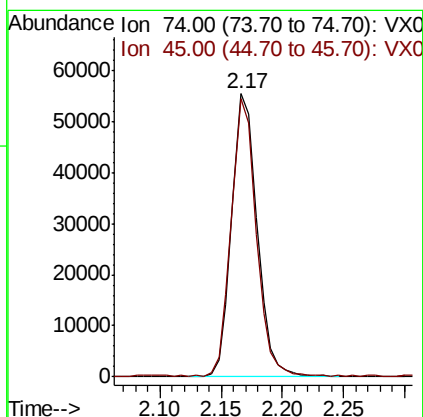
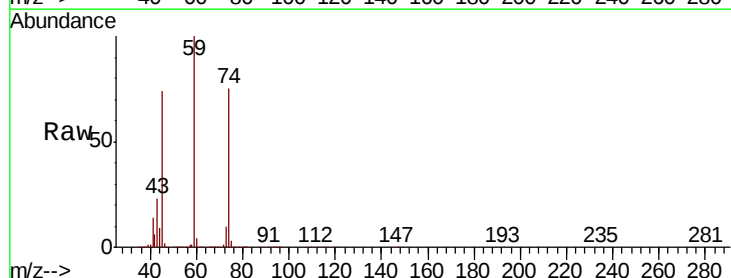
Tot Ion:101 Resp: 228545
Ion Ratio Lower Upper
101 100
103 64.1 49.6 74.4

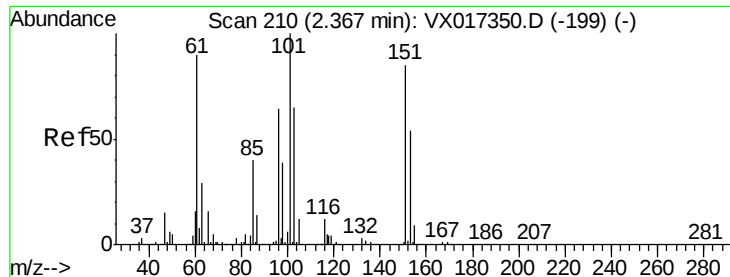


#8

Diethyl Ether
Concen: 50.174 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 74 Resp: 79786
Ion Ratio Lower Upper
74 100
45 95.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.300 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

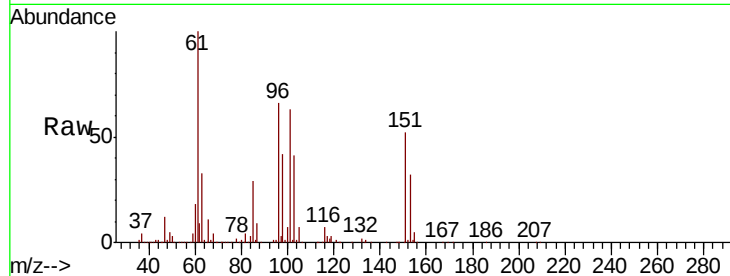
Tot Ion:101 Resp: 131465

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

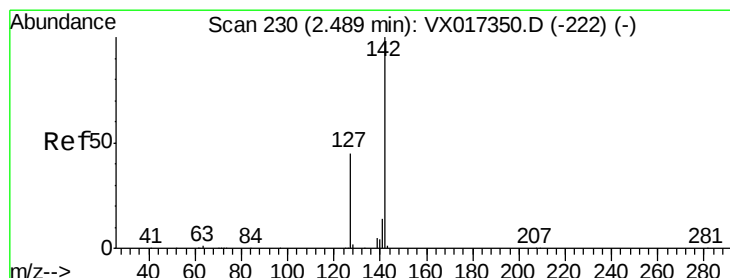
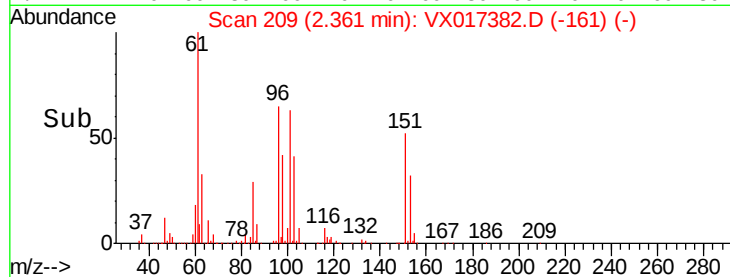
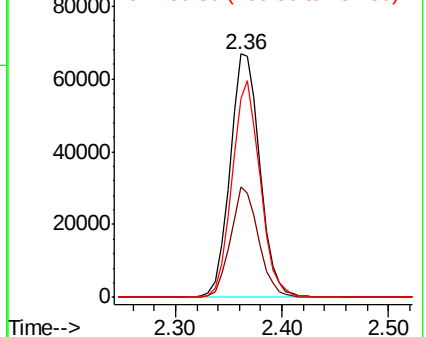
151 83.9 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.851 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

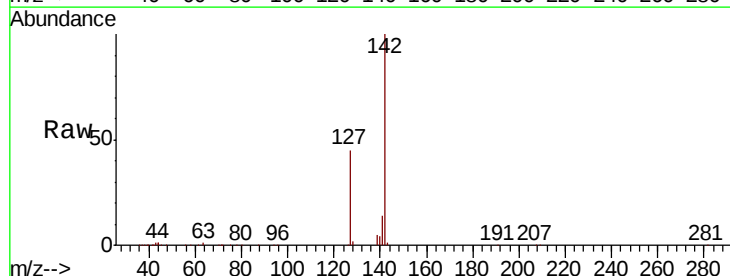
Tgt Ion:142 Resp: 162156

Ion Ratio Lower Upper

142 100

127 44.6 36.8 55.2

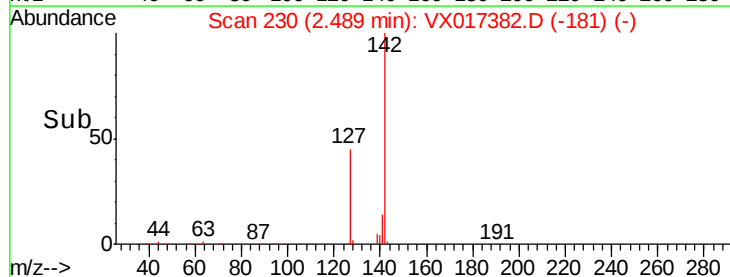
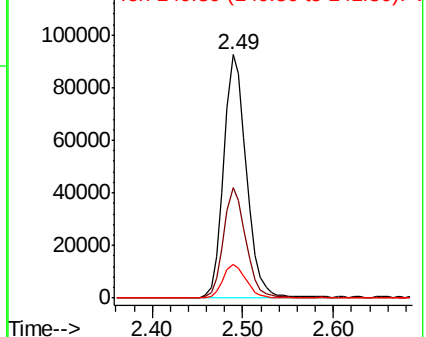
141 14.2 11.4 17.0

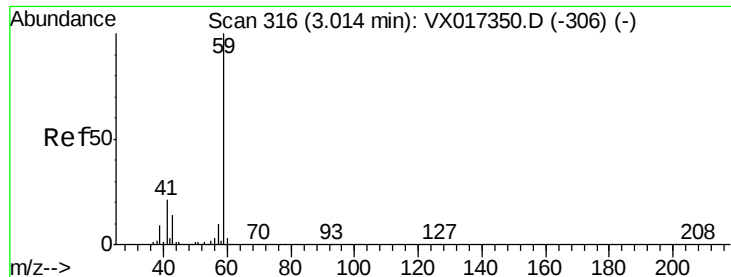


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



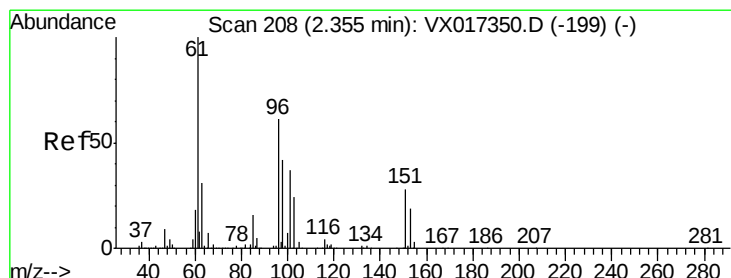
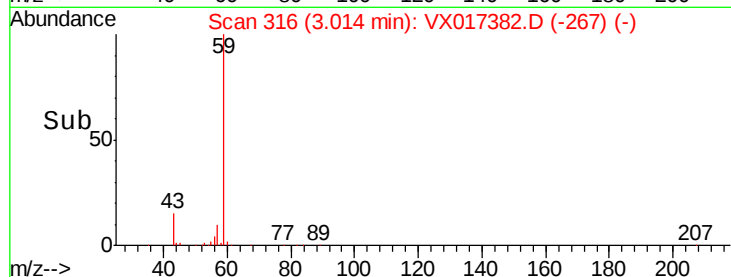
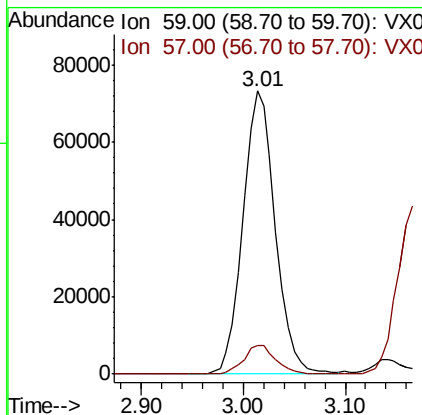
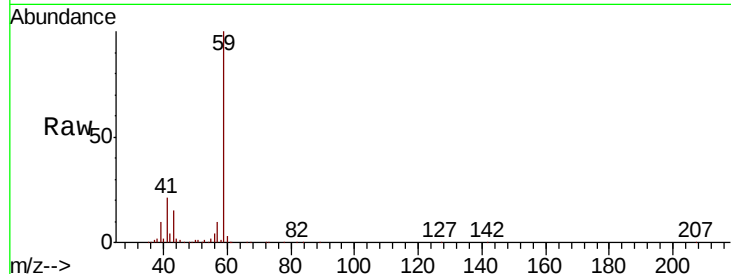


#11

Tert butyl alcohol
 Concen: 269.698 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

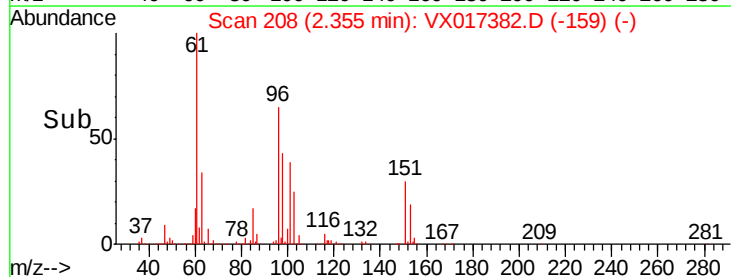
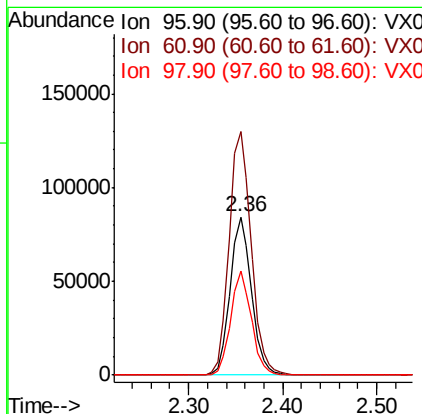
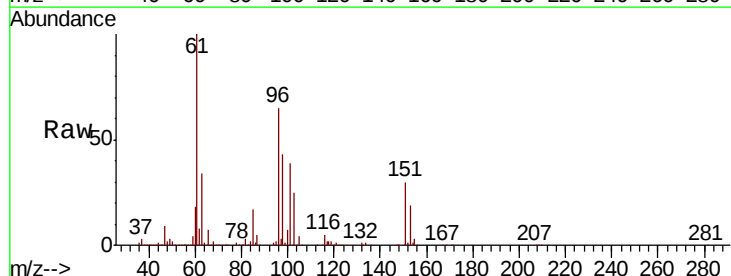
Tot Ion: 59 Resp: 161293
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

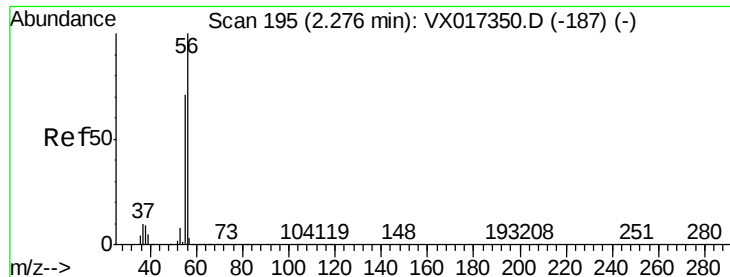


#12

1,1-Dichloroethene
 Concen: 51.530 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 96 Resp: 132626
 Ion Ratio Lower Upper
 96 100
 61 153.8 131.5 197.3
 98 66.0 55.1 82.7

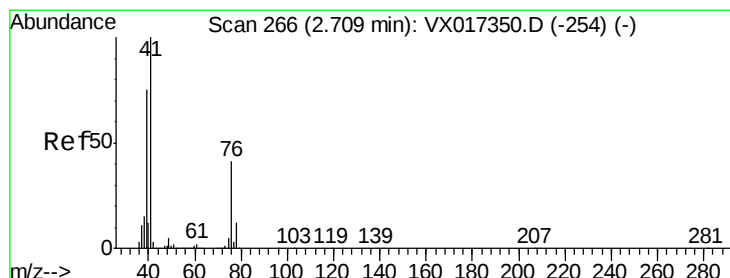
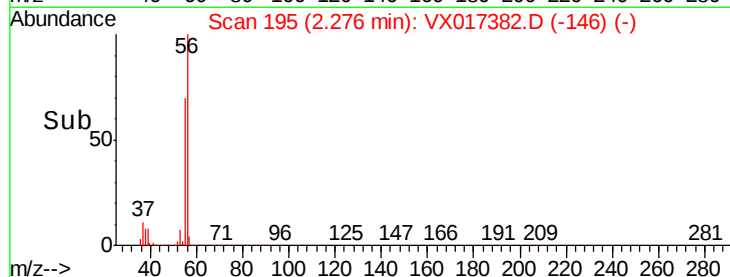
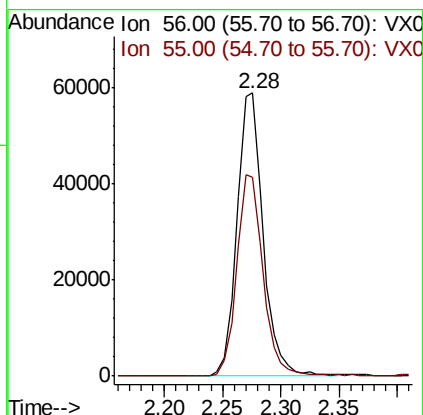
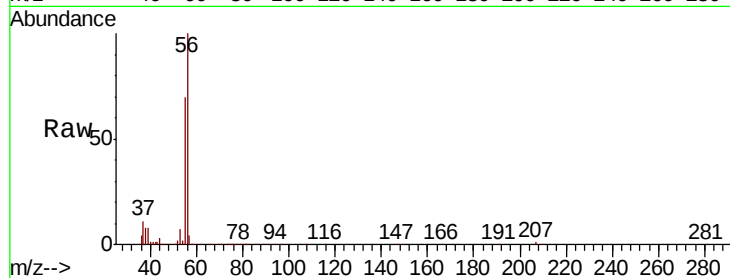




#13
Acrolein
Concen: 280.853 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

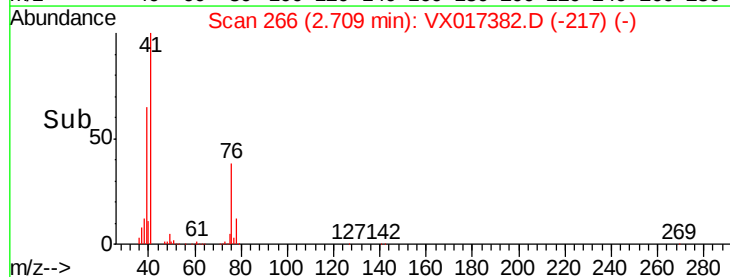
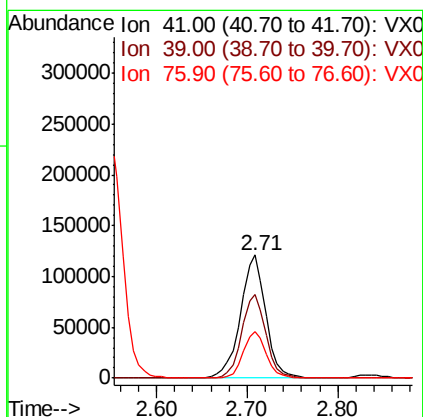
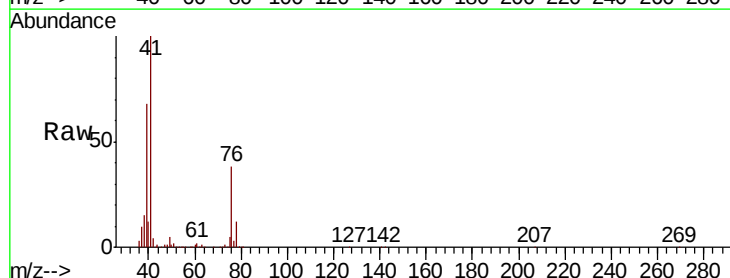
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

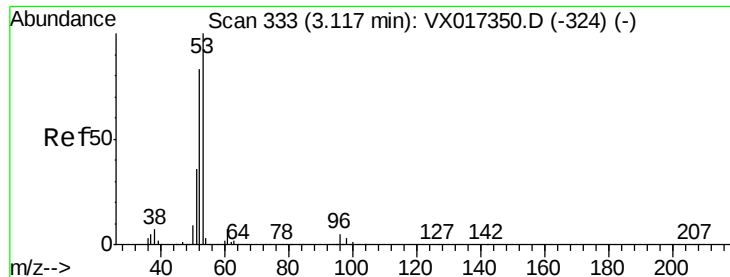
Tot Ion: 56 Resp: 92074
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7



#14
Allyl chloride
Concen: 52.553 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 41 Resp: 234366
Ion Ratio Lower Upper
41 100
39 64.6 53.0 79.4
76 33.9 28.2 42.2





#15

Acrylonitrile

Concen: 267.713 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

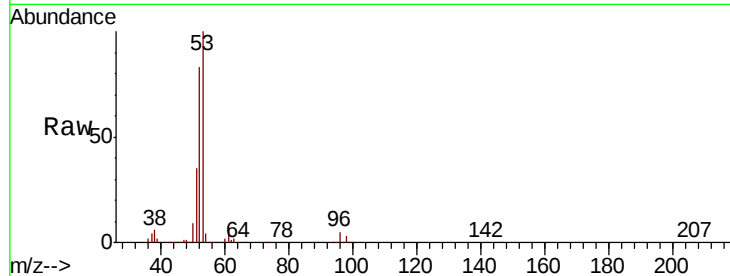
Tot Ion: 53 Resp: 388123

Ion Ratio Lower Upper

53 100

52 83.3 65.8 98.6

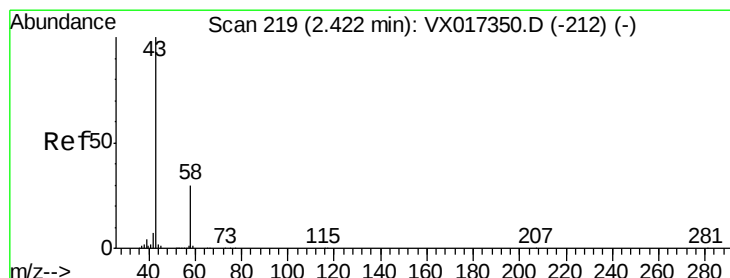
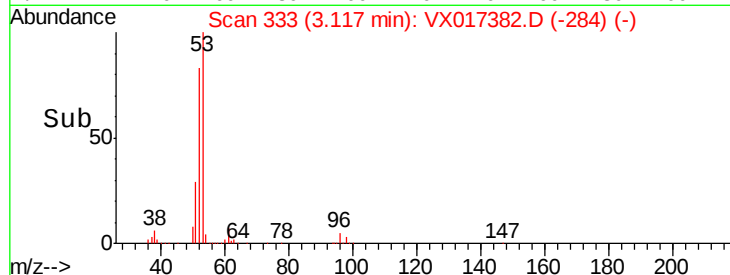
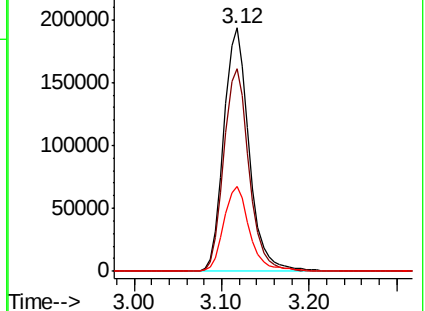
51 35.7 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.264 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017382.D

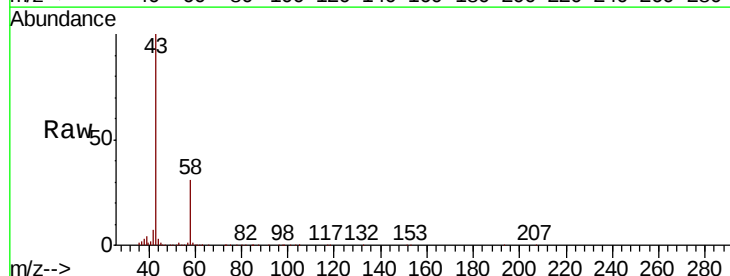
Acq: 14 Jul 2020 16:27

Tgt Ion: 43 Resp: 321990

Ion Ratio Lower Upper

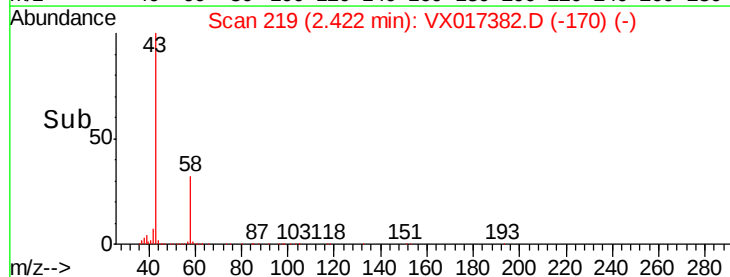
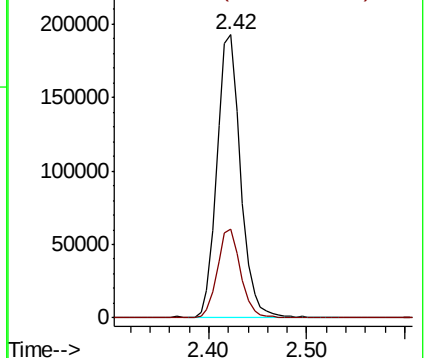
43 100

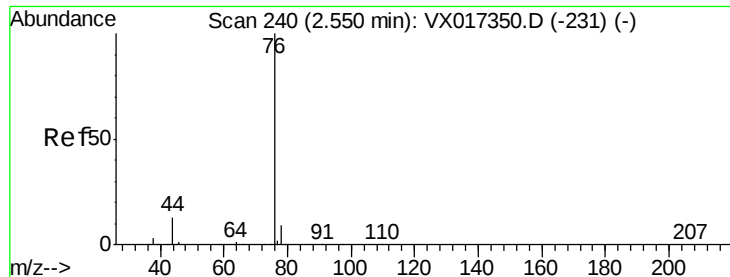
58 31.5 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

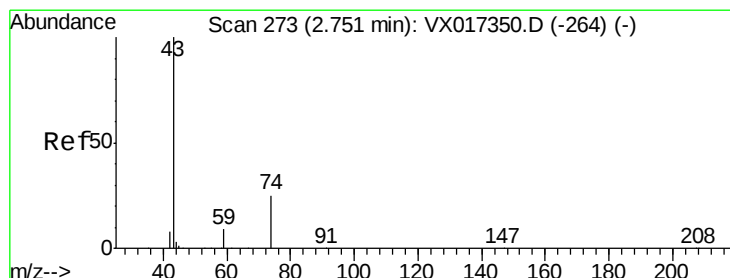
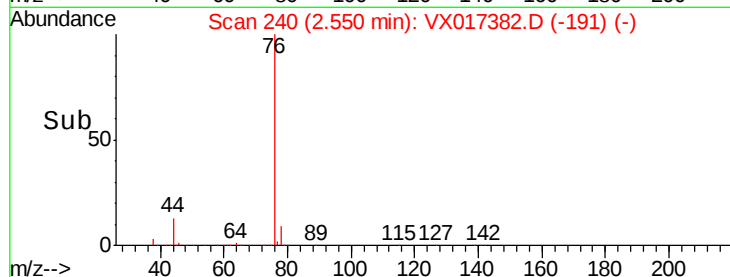
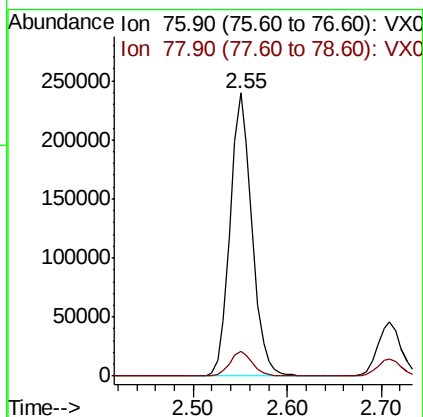
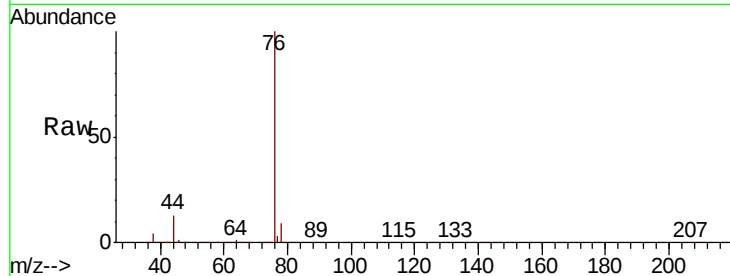




#17
Carbon Disulfide
Concen: 51.279 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

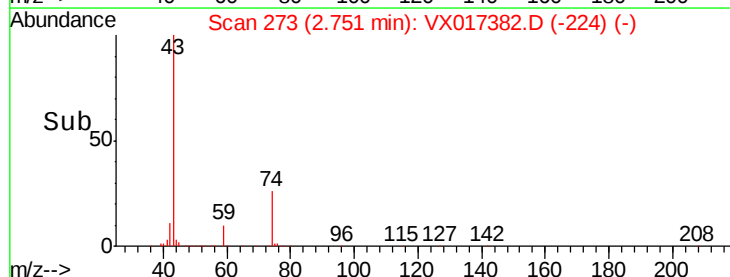
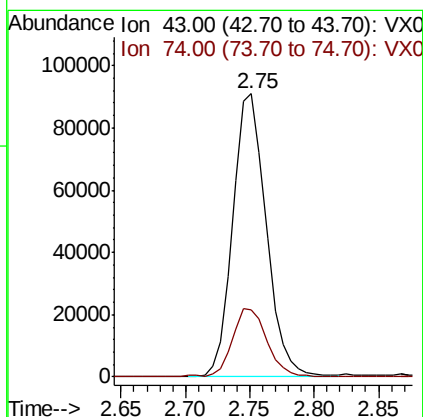
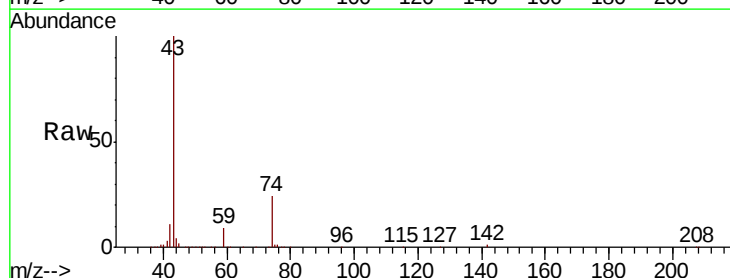
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

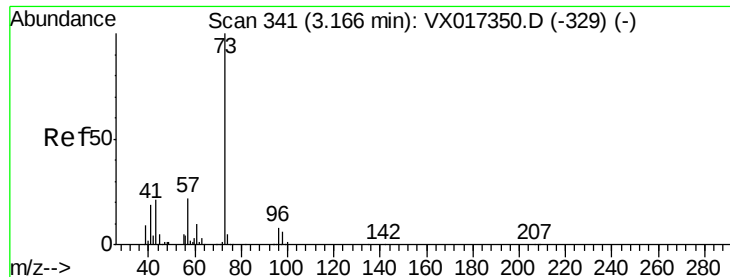
Tot Ion: 76 Resp: 385009
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 52.510 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 43 Resp: 164239
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2



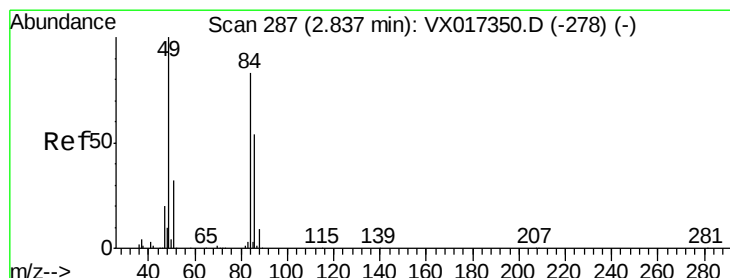
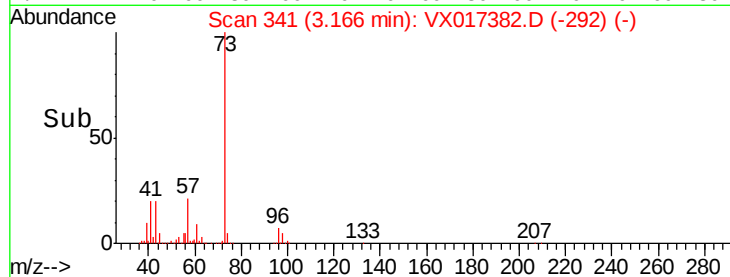
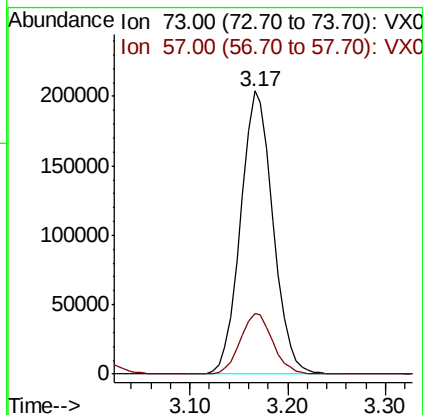
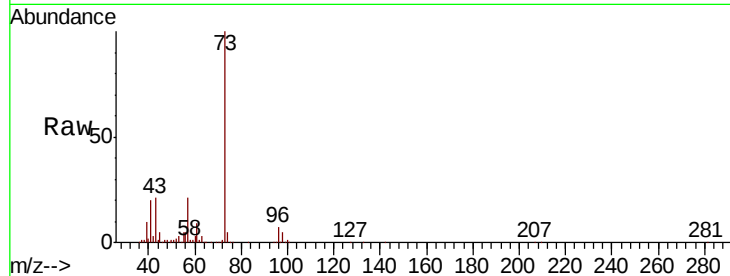


#19

Methyl tert-butyl Ether
 Concen: 53.620 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

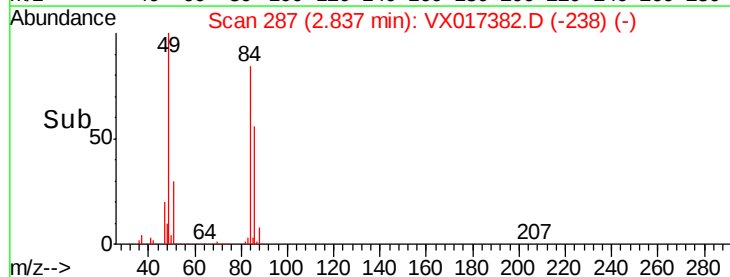
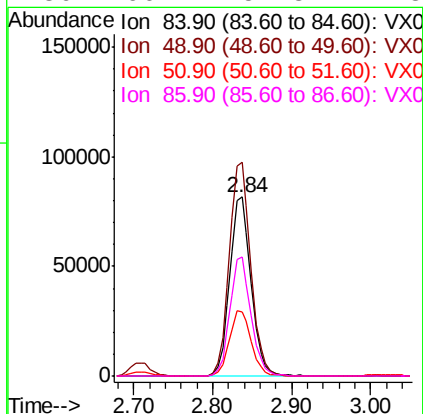
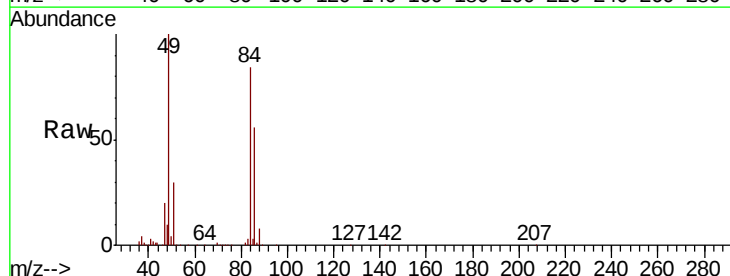
Tot Ion: 73 Resp: 468600
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.5 26.3

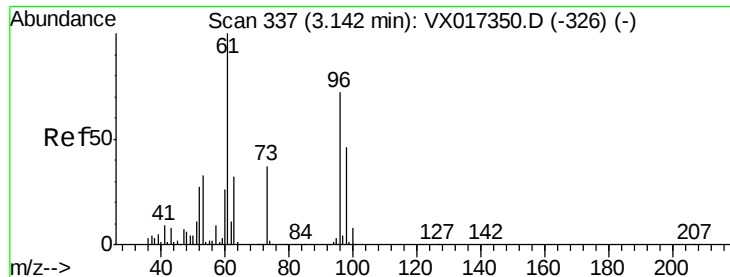


#20

Methylene Chloride
 Concen: 49.596 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 84 Resp: 153237
 Ion Ratio Lower Upper
 84 100
 49 119.4 95.8 143.8
 51 35.7 31.0 46.4
 86 66.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 51.284 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

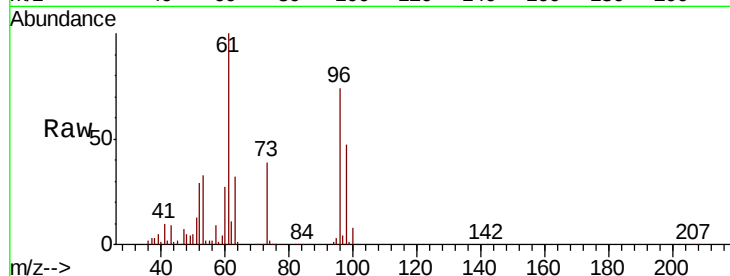
Tot Ion: 96 Resp: 151017

Ion Ratio Lower Upper

96 100

61 135.8 111.1 166.7

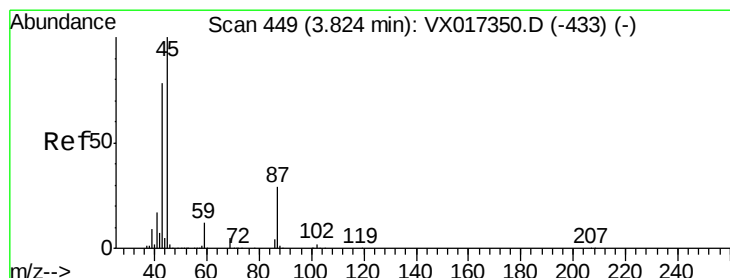
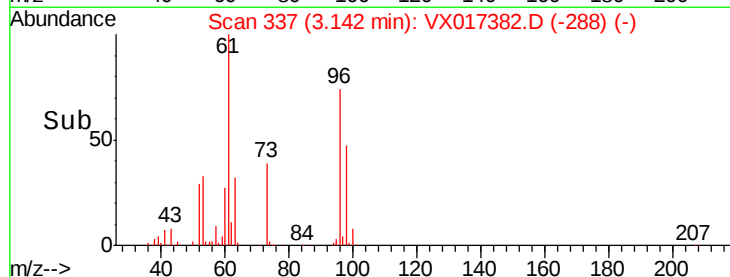
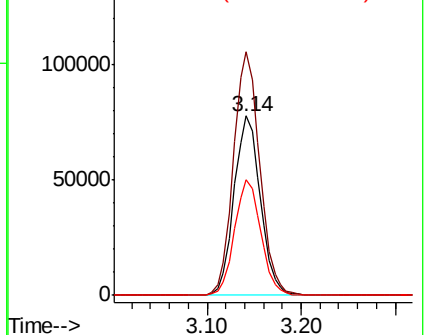
98 64.2 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.851 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Tgt Ion: 45 Resp: 457470

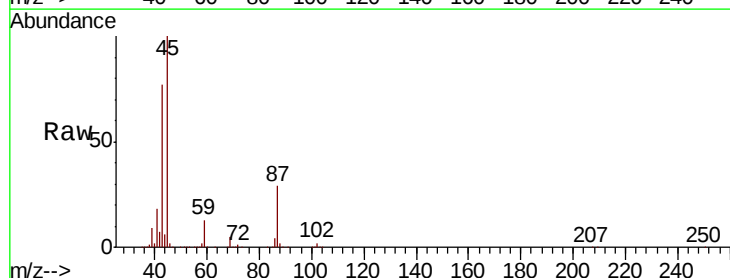
Ion Ratio Lower Upper

45 100

43 76.8 62.2 93.2

87 29.1 23.0 34.6

59 12.5 9.6 14.4

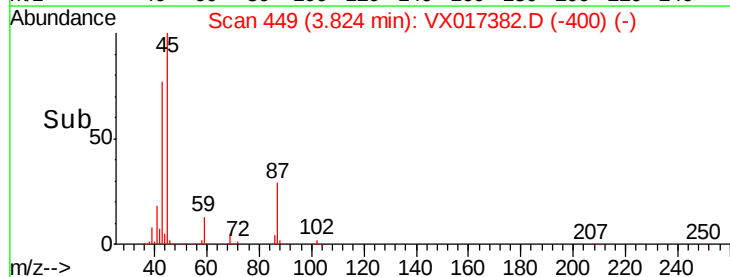
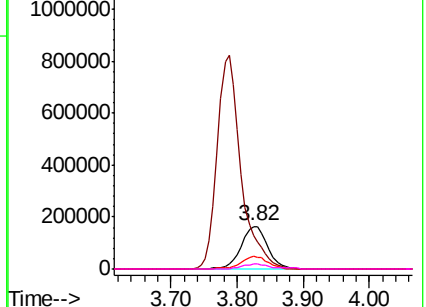


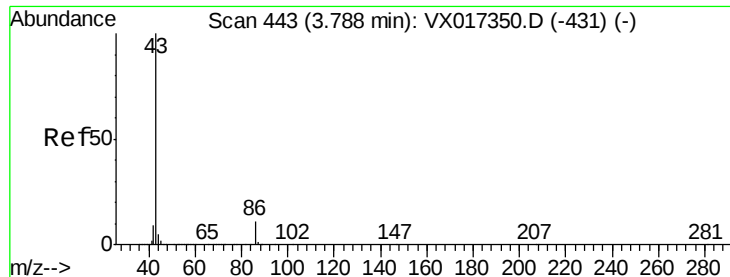
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

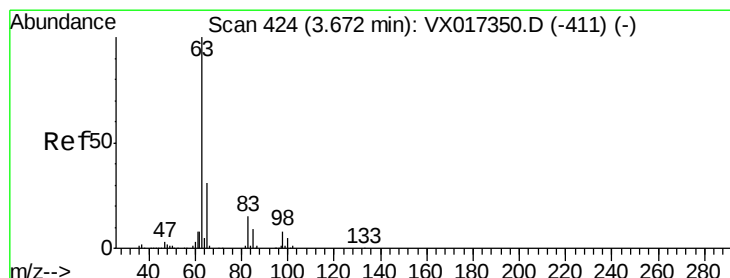
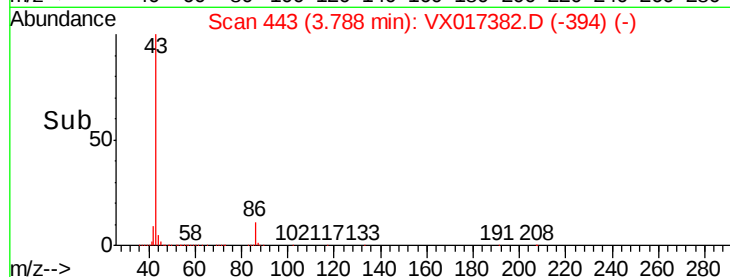
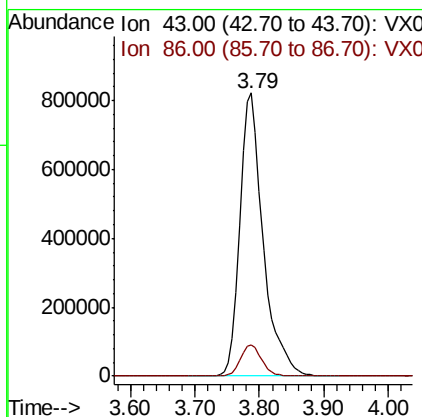
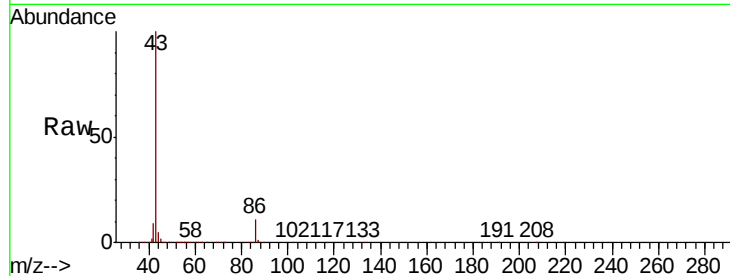




#23
 Vinyl Acetate
 Concen: 275.477 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

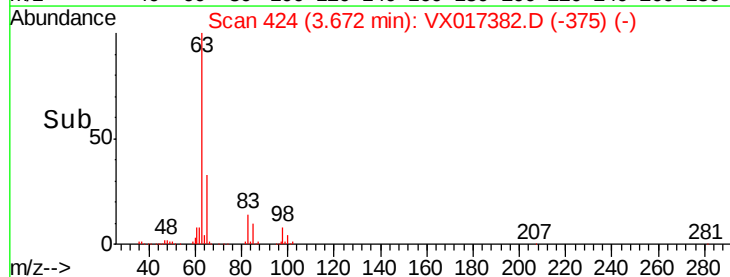
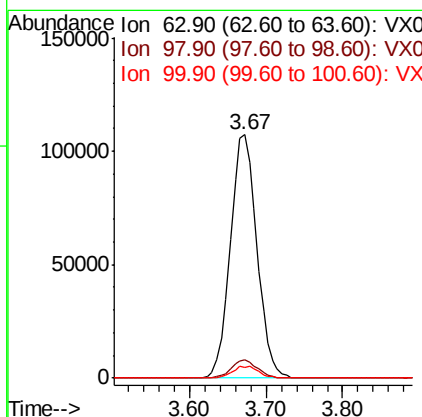
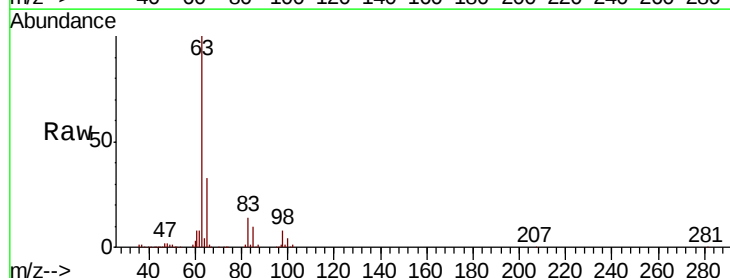
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

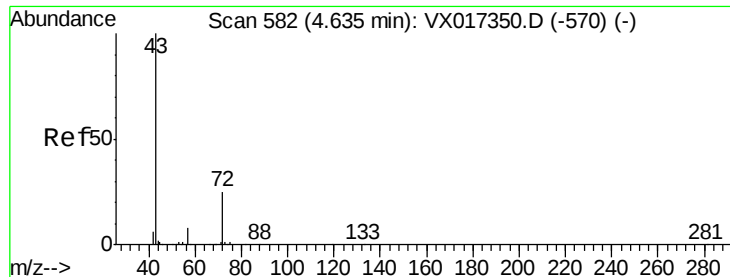
Tot Ion: 43 Resp: 2058119
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 51.653 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 63 Resp: 257880
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 262.721 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

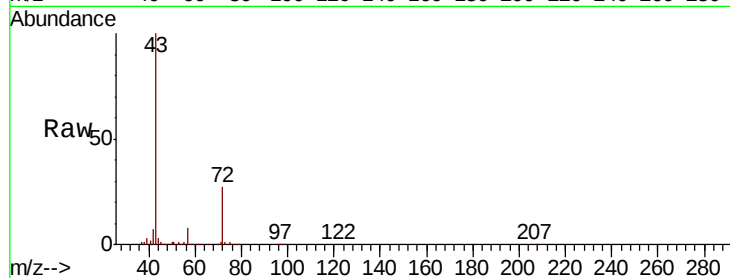
VSTDCCC050EC

Tot Ion: 43 Resp: 528426

Ion Ratio Lower Upper

43 100

72 26.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

200000

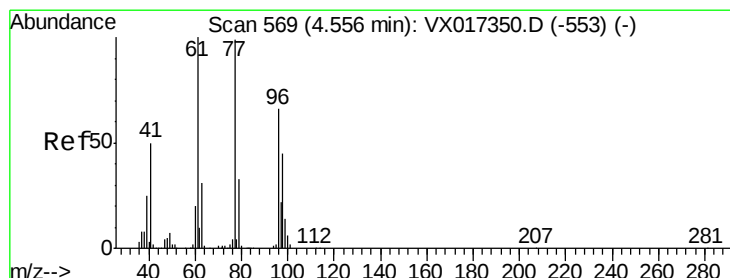
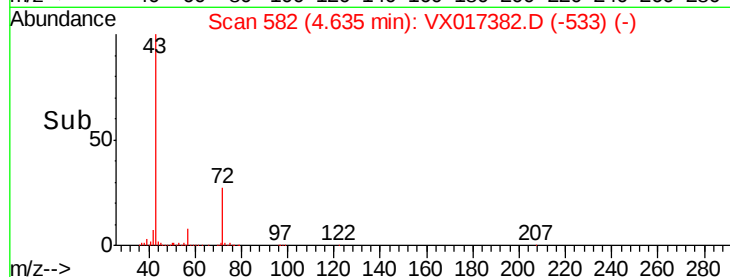
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 47.021 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017382.D

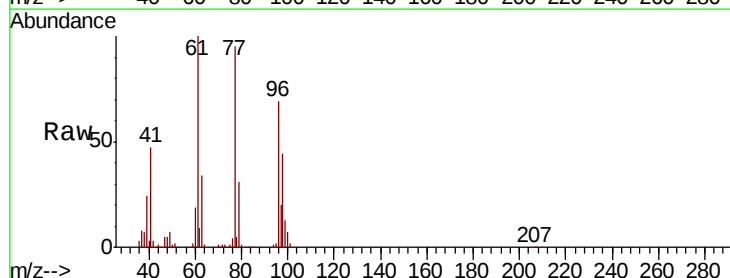
Acq: 14 Jul 2020 16:27

Tgt Ion: 77 Resp: 218479

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

80000

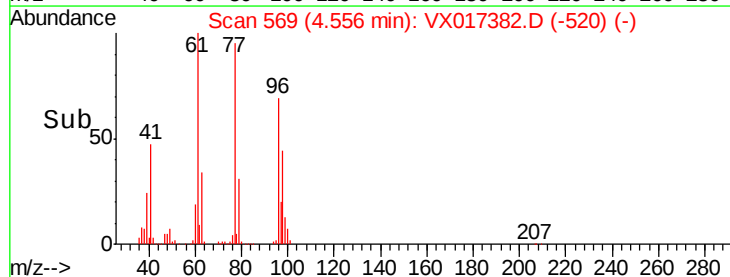
60000

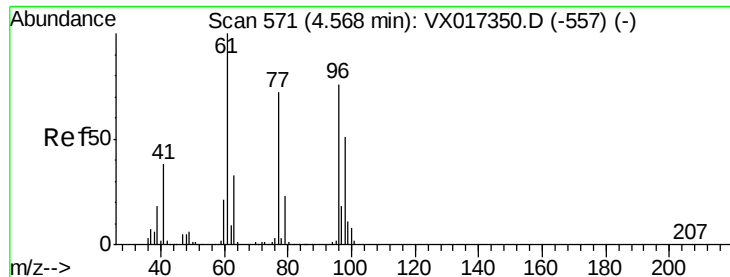
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



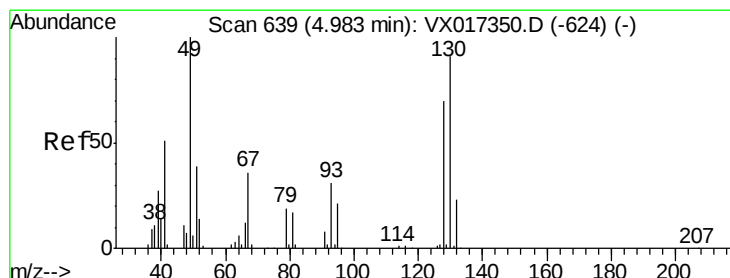
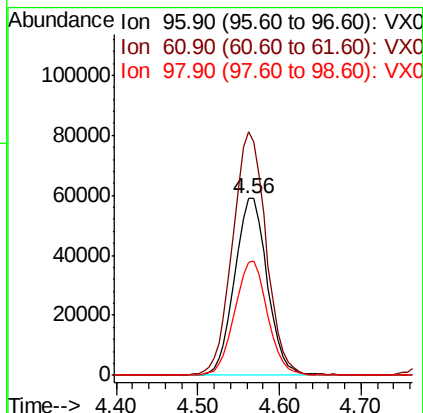
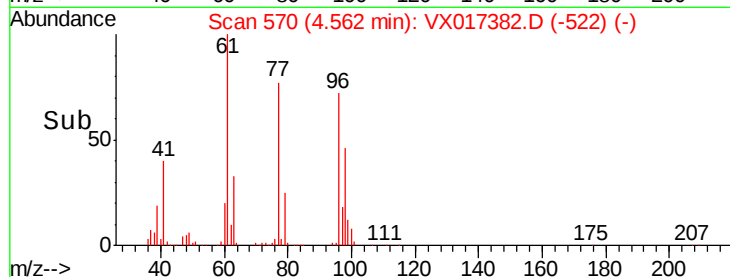
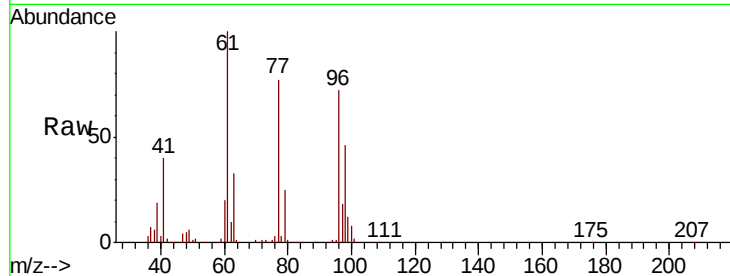


#27

cis-1,2-Dichloroethene
 Concen: 50.818 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

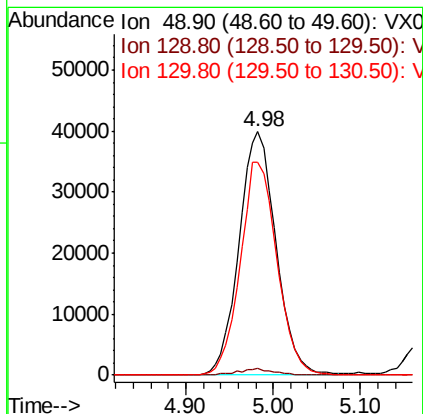
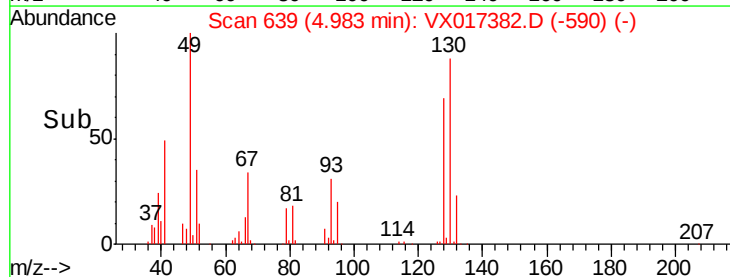
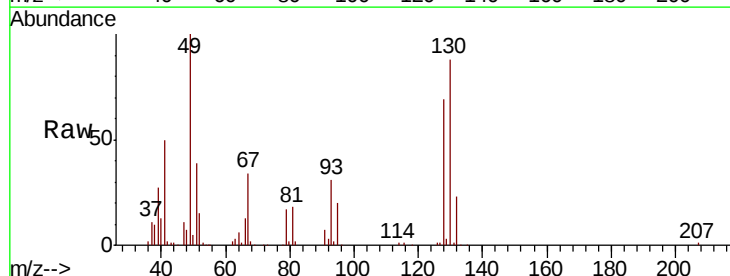
Tot Ion: 96 Resp: 164102
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 281.2
 98 65.2 0.0 131.4

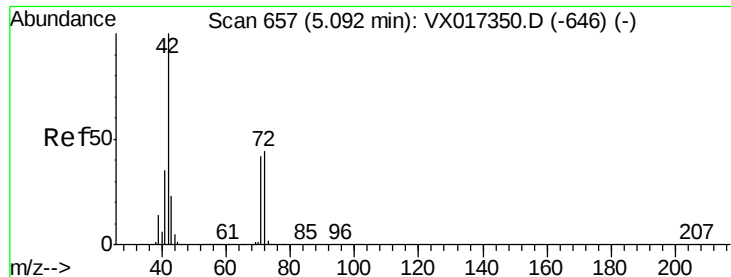


#28

Bromochloromethane
 Concen: 50.847 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 49 Resp: 117271
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 87.1 71.1 106.7

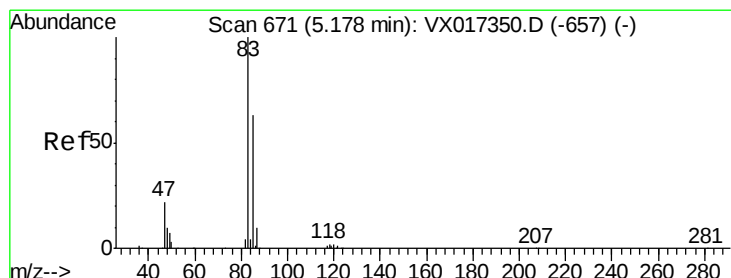
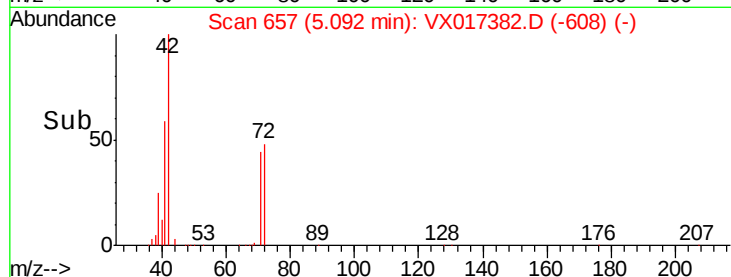
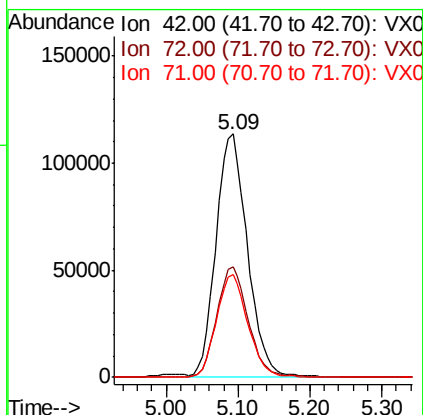
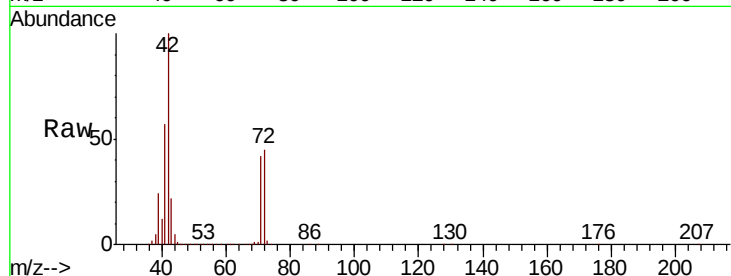




#29
Tetrahydrofuran
Concen: 264.112 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

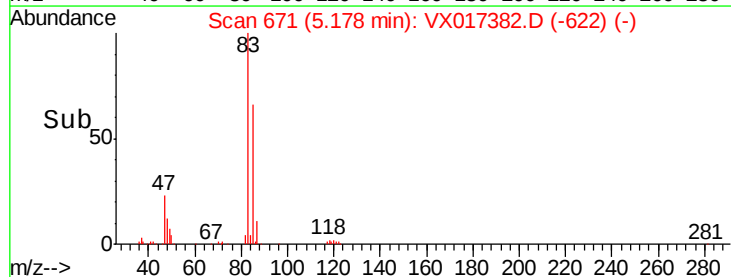
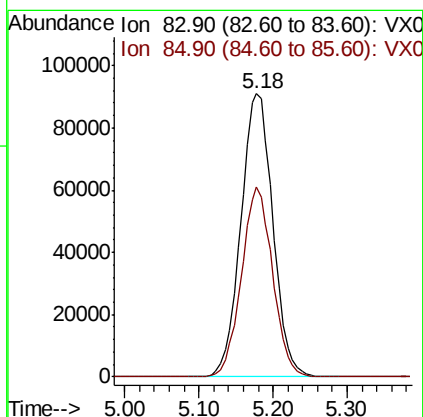
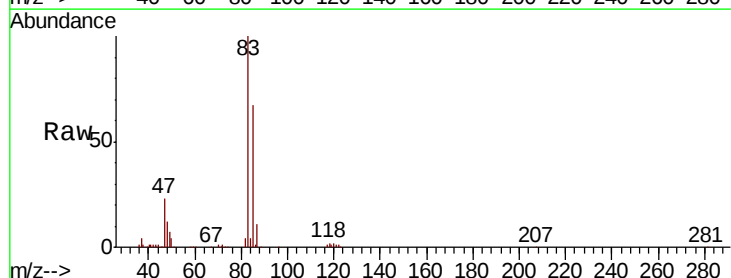
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

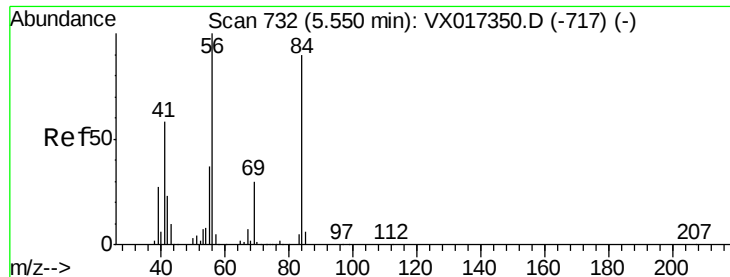
Tot Ion: 42 Resp: 343871
Ion Ratio Lower Upper
42 100
72 45.7 37.2 55.8
71 42.2 34.4 51.6



#30
Chloroform
Concen: 51.123 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 83 Resp: 274602
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4

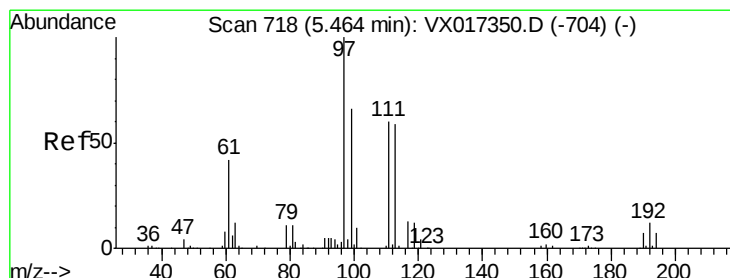
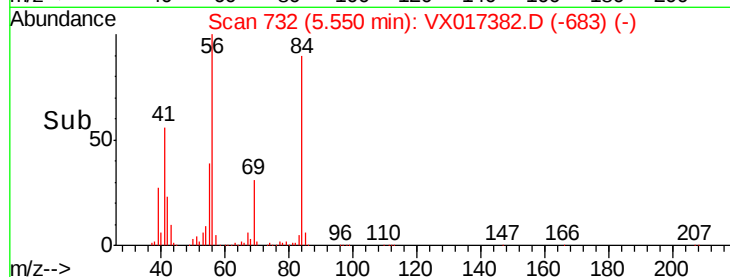
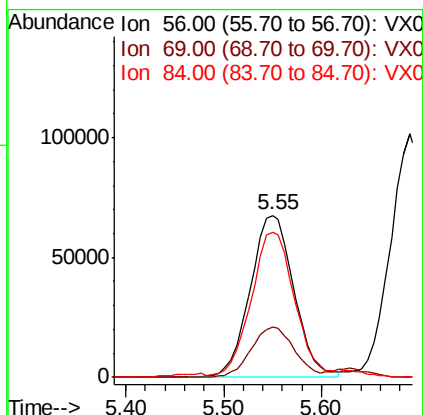
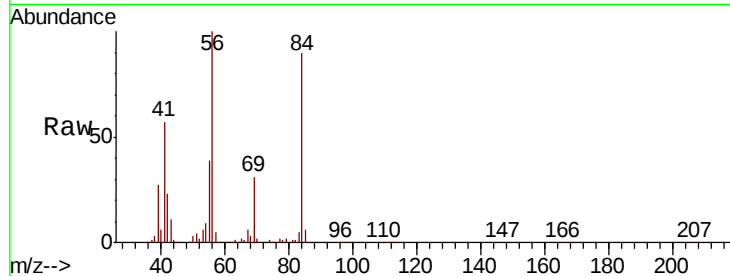




#31
Cyclohexane
Concen: 51.638 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

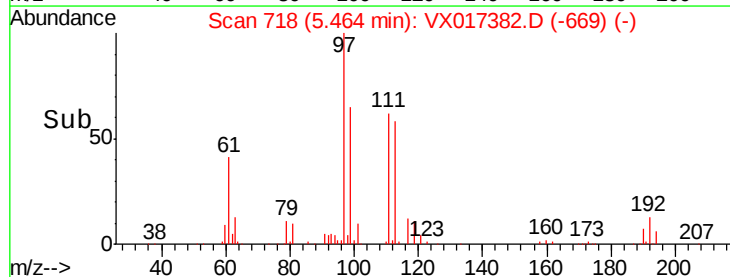
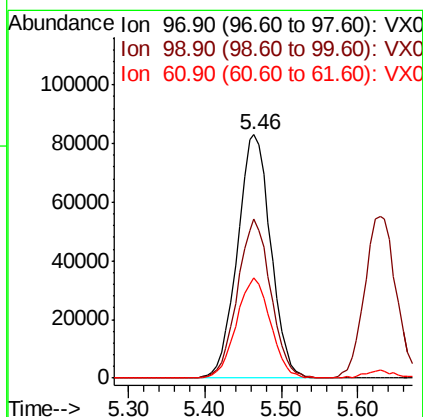
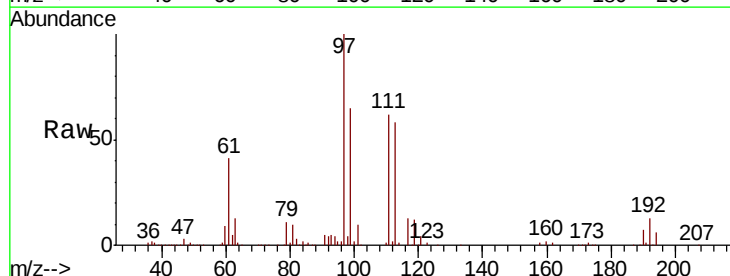
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

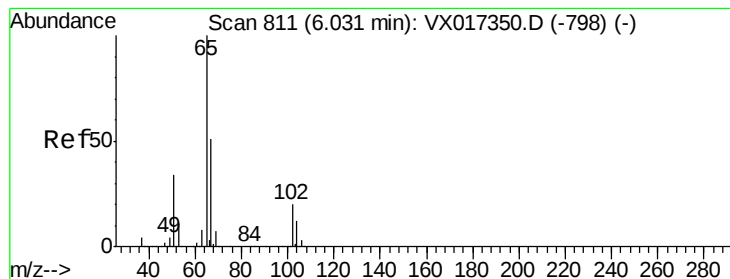
Tot Ion: 56 Resp: 211049
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 87.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.647 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 97 Resp: 251495
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 41.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.066 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

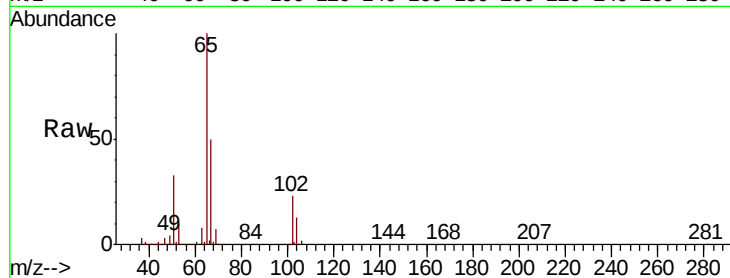
VSTDCCC050EC

Tot Ion: 65 Resp: 174165

Ion Ratio Lower Upper

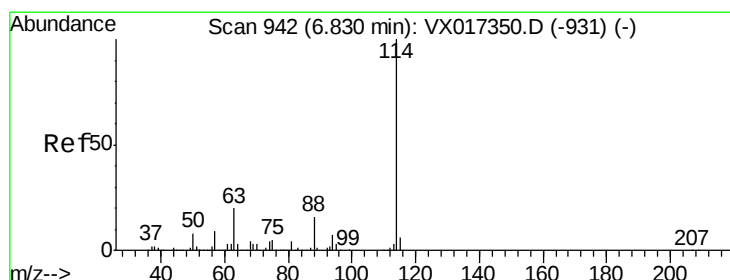
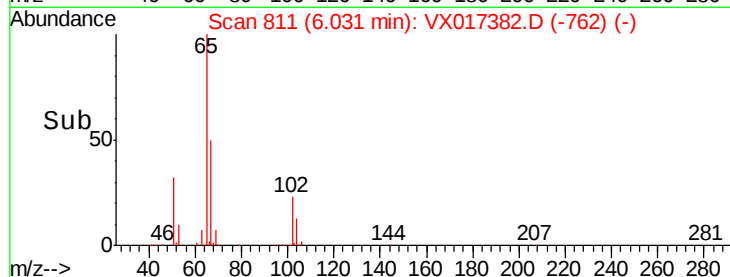
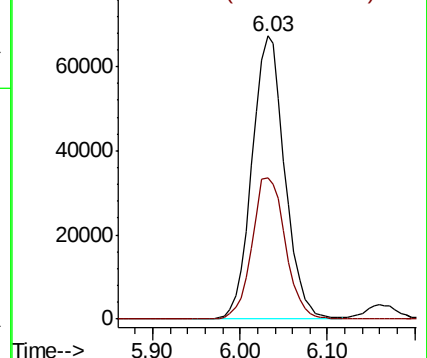
65 100

67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

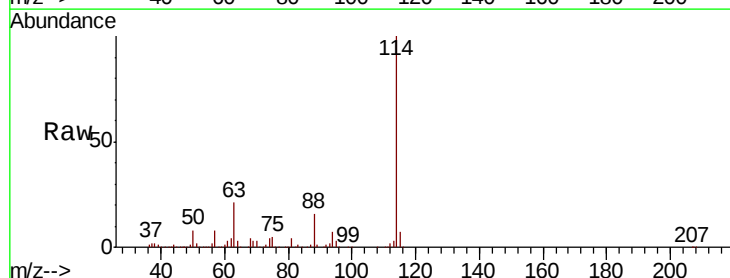
Tgt Ion: 114 Resp: 433708

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

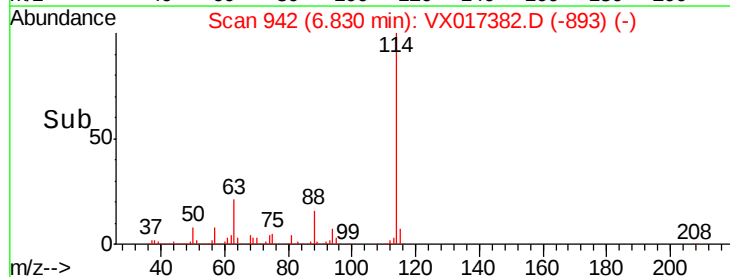
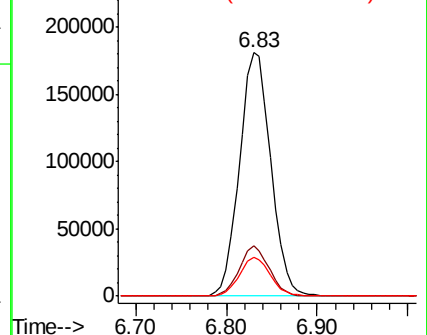
88 15.8 0.0 32.8

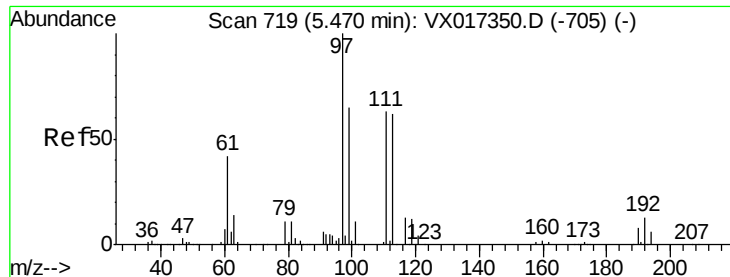


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.823 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

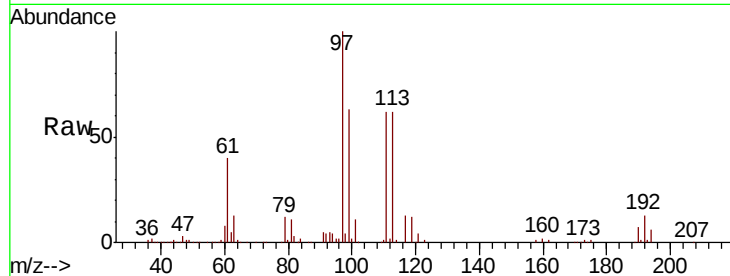
Tot Ion:113 Resp: 142639

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

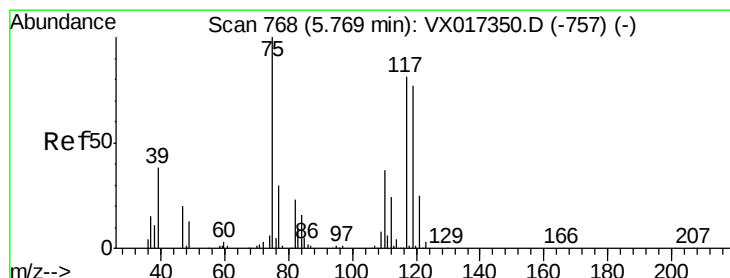
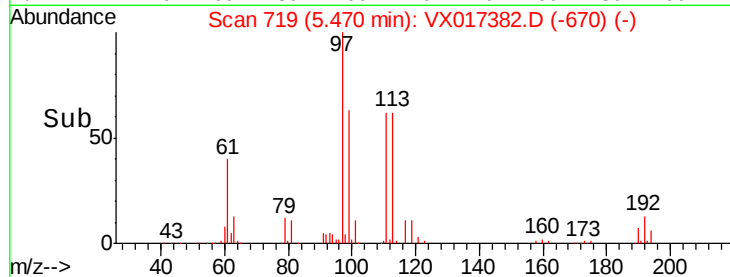
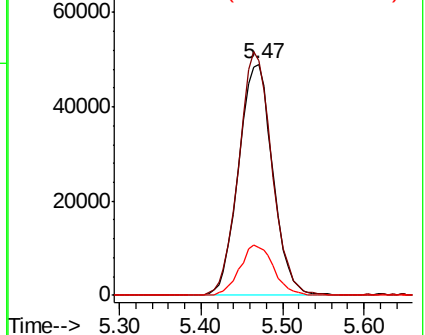
192 21.6 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.553 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

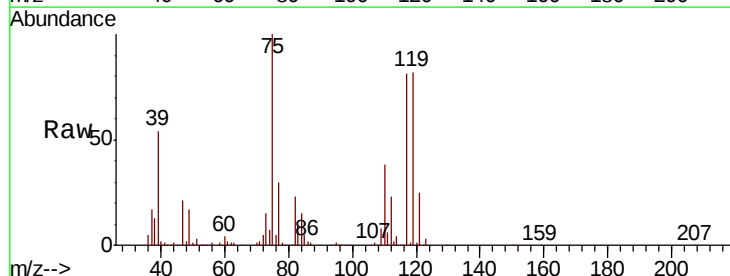
Tgt Ion: 75 Resp: 197684

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

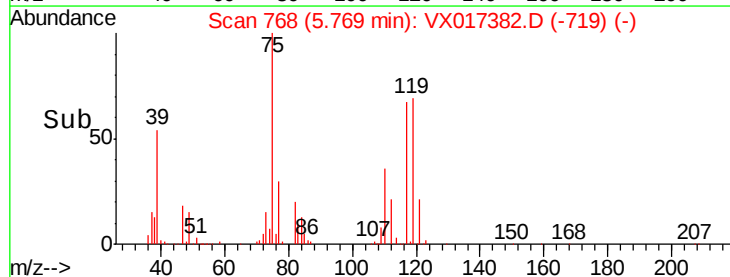
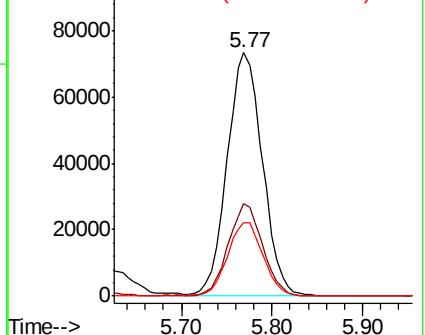
77 30.6 24.9 37.3

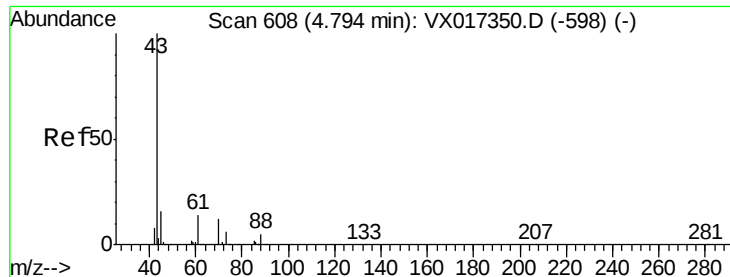


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

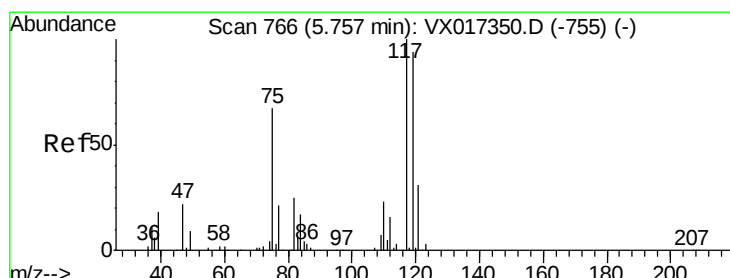
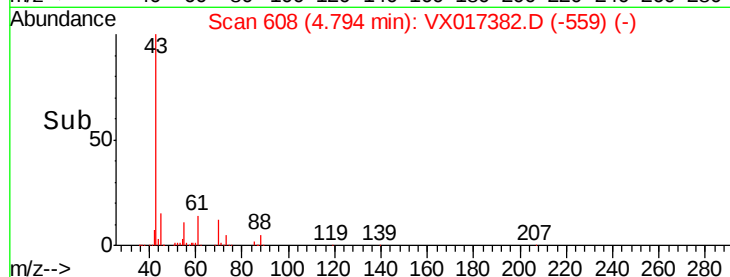
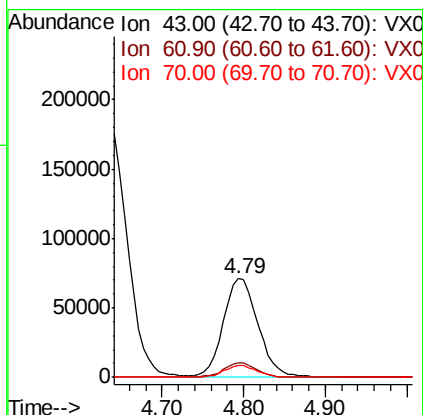
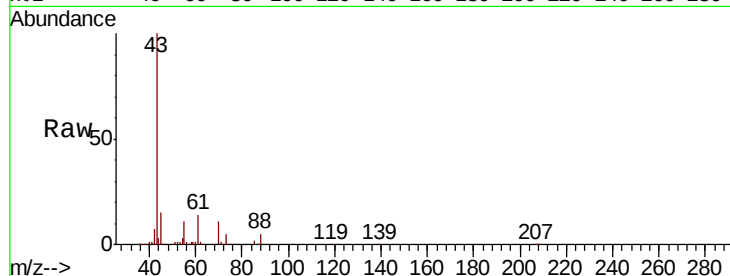




#37
Ethyl Acetate
Concen: 50.800 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

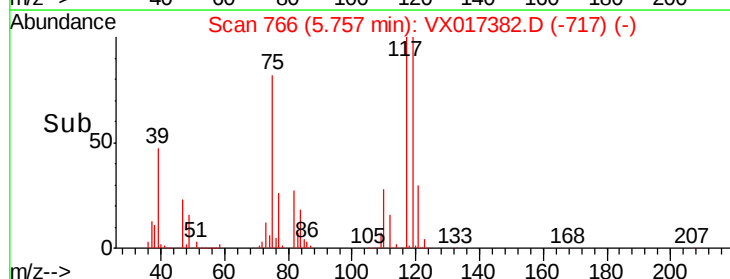
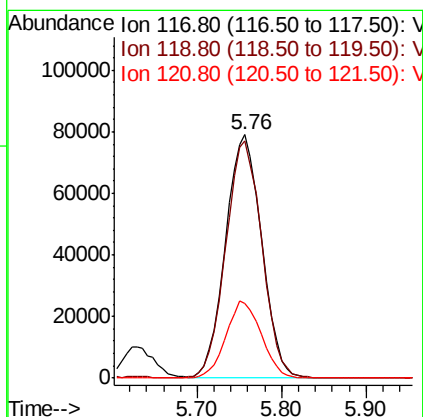
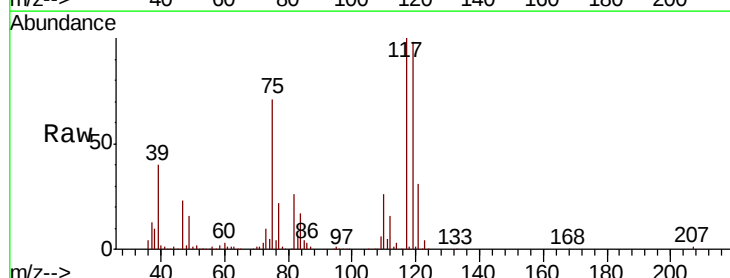
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

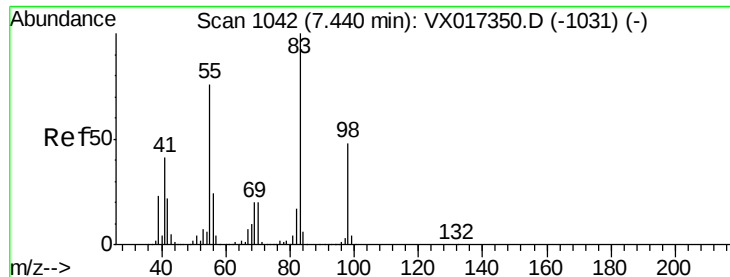
Tot Ion: 43 Resp: 209581
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.350 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 117 Resp: 230504
Ion Ratio Lower Upper
117 100
119 97.5 74.7 112.1
121 30.7 24.5 36.7

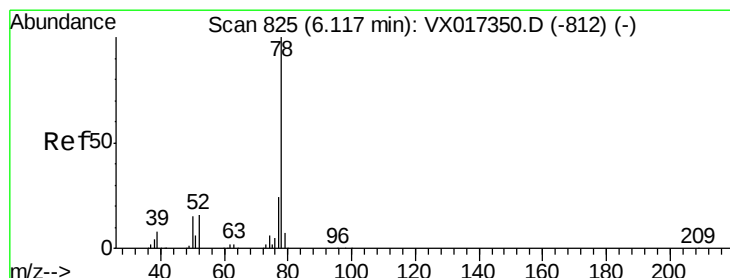
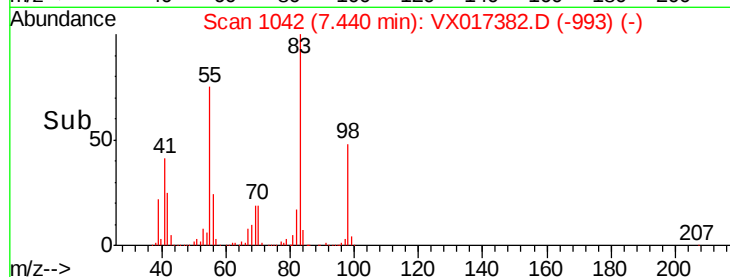
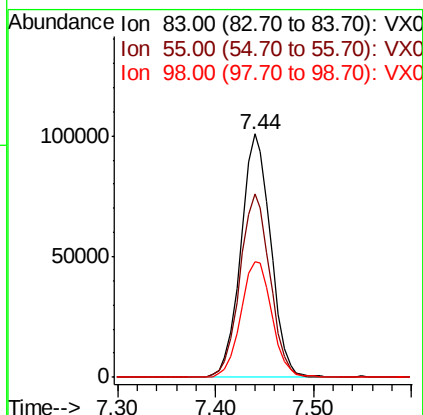
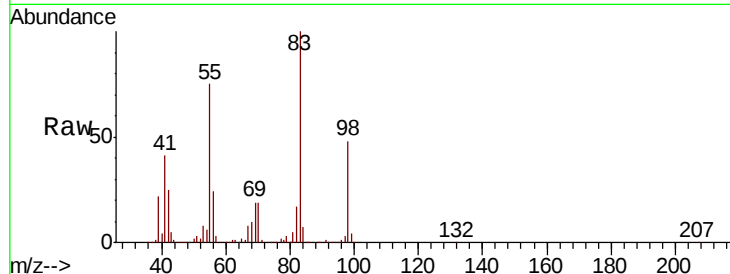




#39
Methvlcvclohexane
Concen: 49.224 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

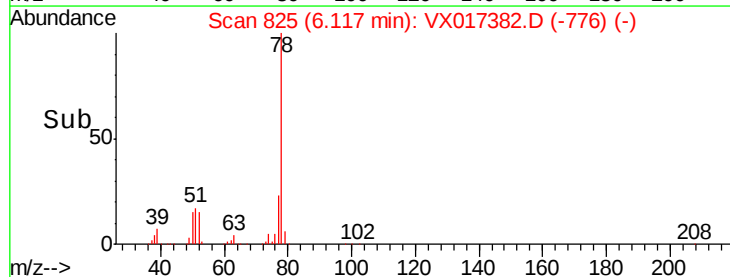
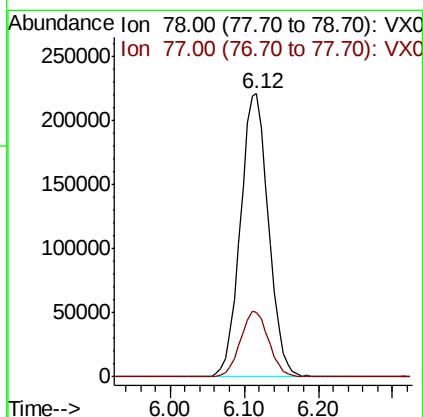
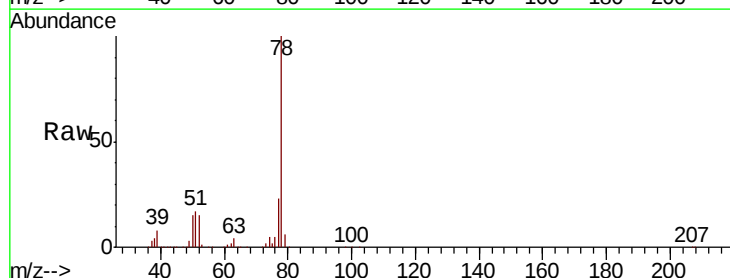
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

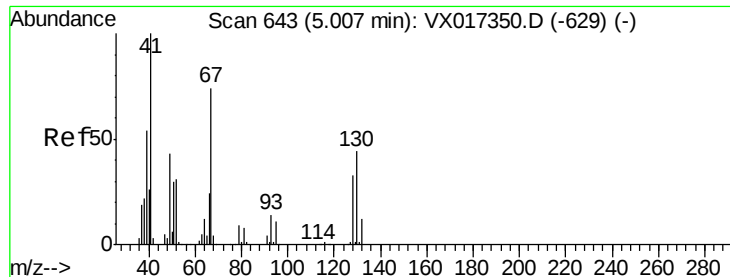
Tot Ion: 83 Resp: 213247
Ion Ratio Lower Upper
83 100
55 75.3 61.2 91.8
98 47.6 38.1 57.1



#40
Benzene
Concen: 50.920 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 78 Resp: 583784
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3





#41

Methacrylonitrile

Concen: 53.225 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 117884

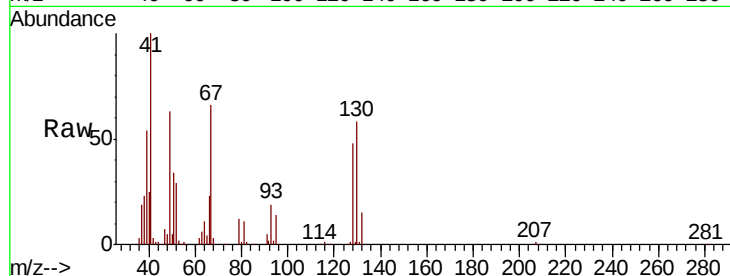
Ion Ratio Lower Upper

41 100

39 53.6 43.8 65.8

67 70.0 58.7 88.1

52 30.2 24.9 37.3

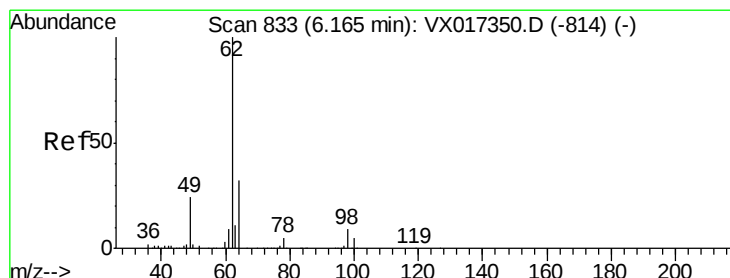
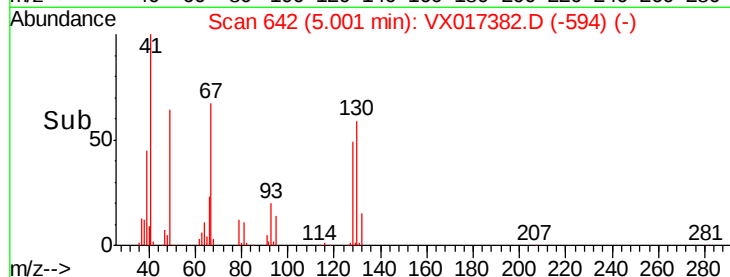
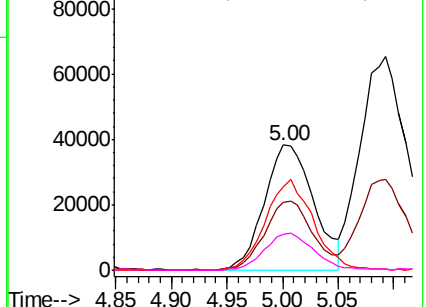


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.116 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017382.D

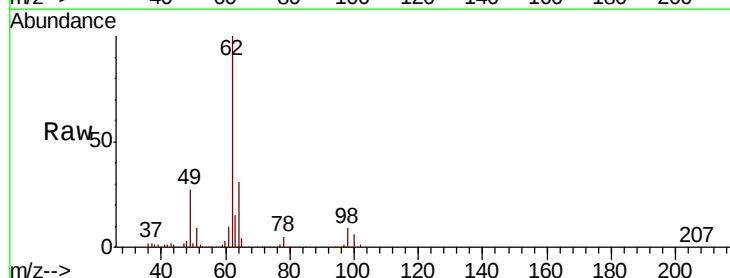
Acq: 14 Jul 2020 16:27

Tgt Ion: 62 Resp: 223234

Ion Ratio Lower Upper

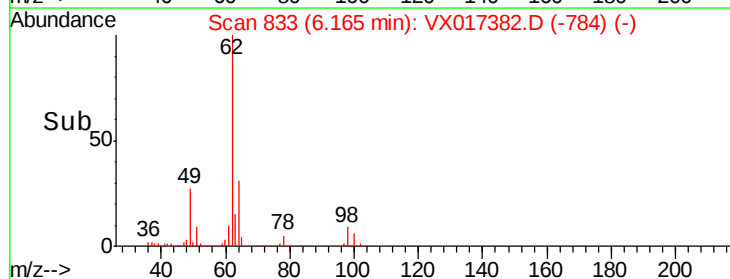
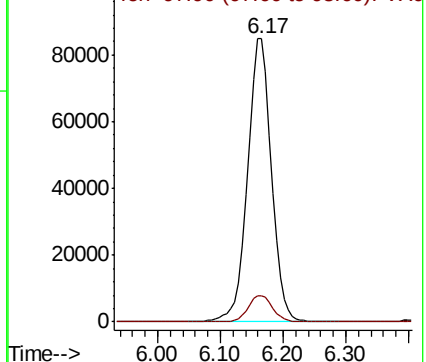
62 100

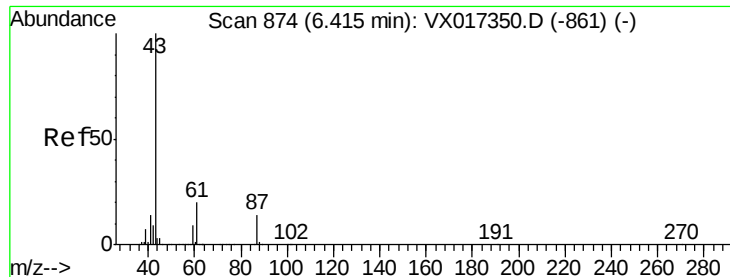
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



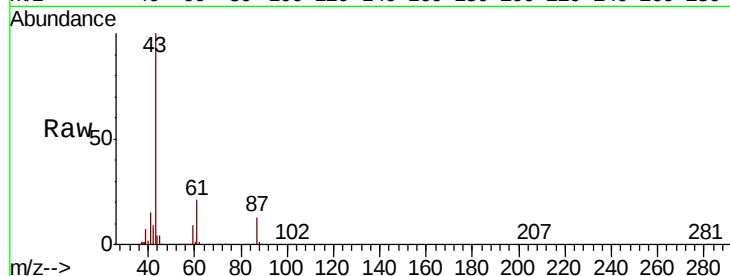


#43

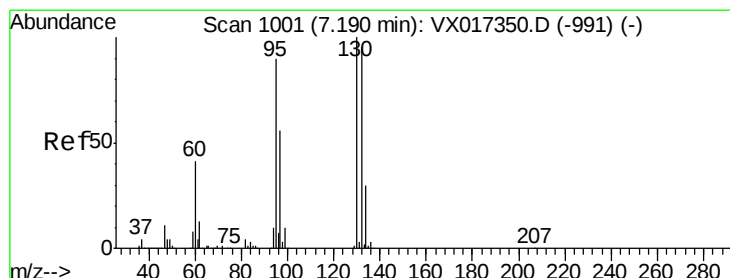
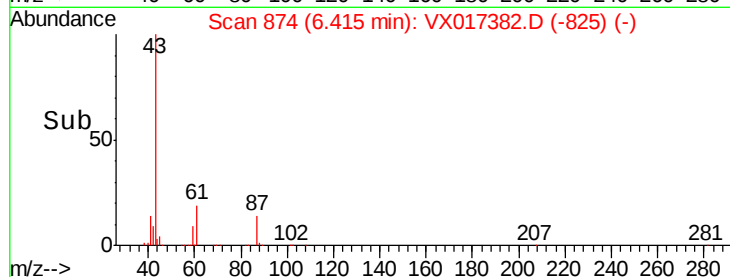
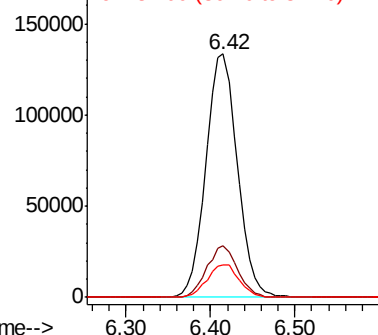
Isopropyl Acetate
 Concen: 50.807 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 334941
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.4 24.6
 87 13.7 11.2 16.8



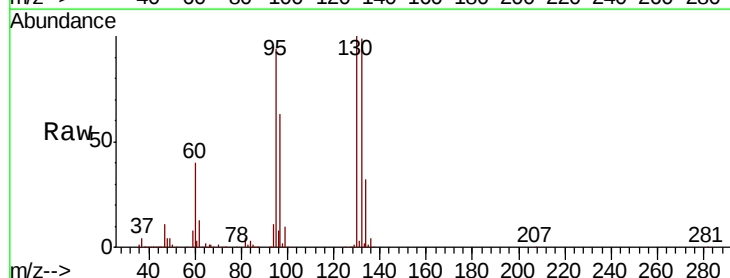
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



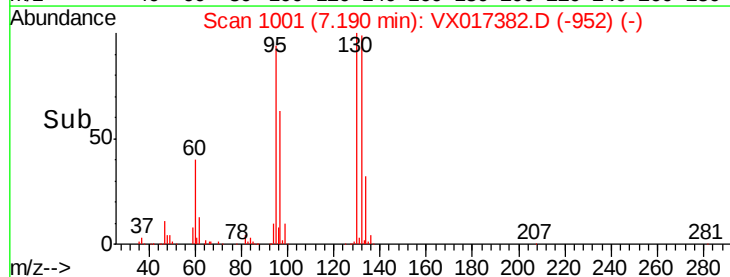
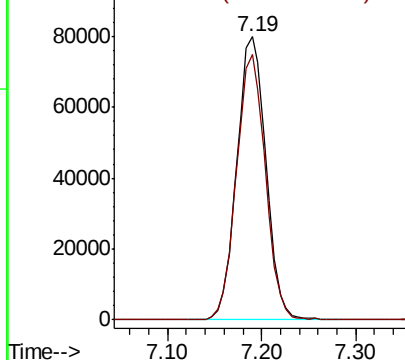
#44

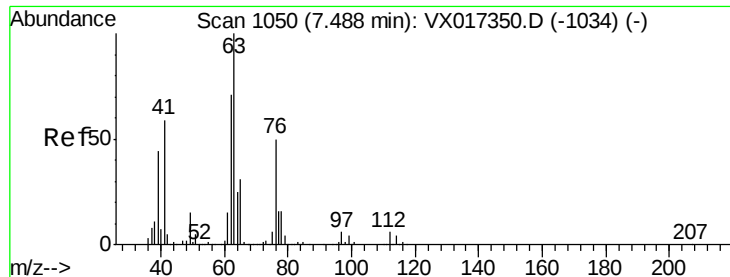
Trichloroethene
 Concen: 49.286 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 130 Resp: 172599
 Ion Ratio Lower Upper
 130 100
 95 93.7 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.559 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

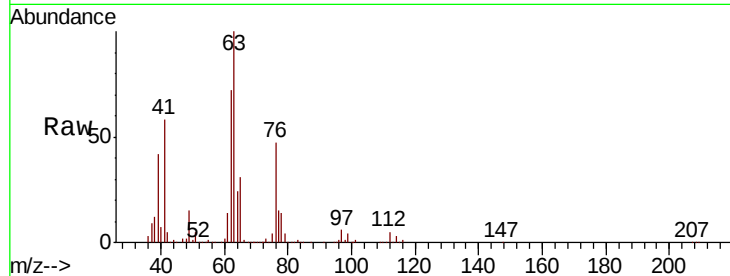
VSTDCCC050EC

Tot Ion: 63 Resp: 151251

Ion Ratio Lower Upper

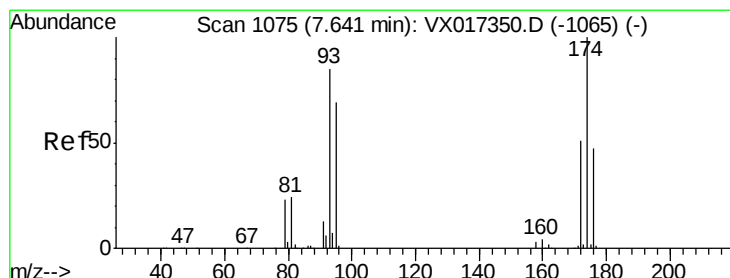
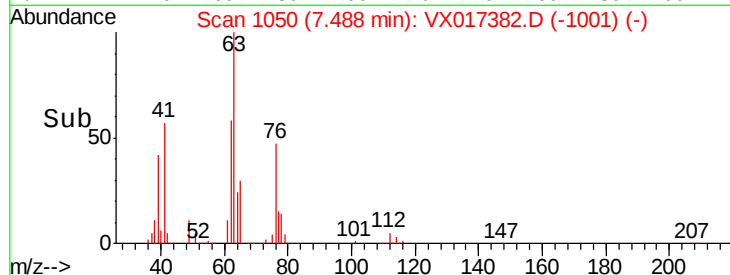
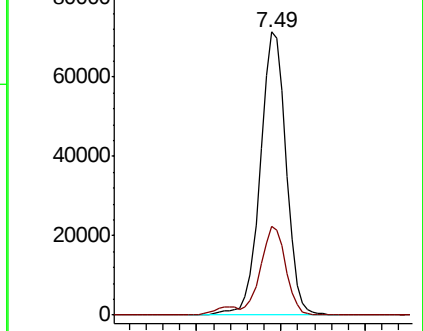
63 100

65 31.5 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.158 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

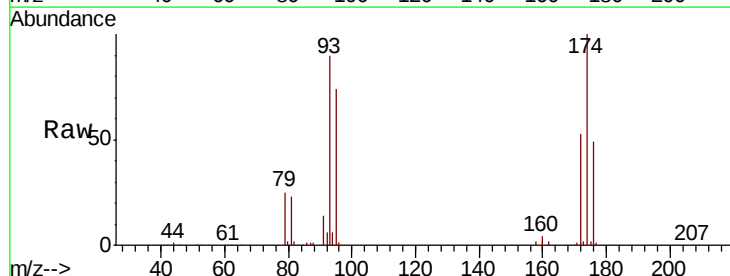
Tgt Ion: 93 Resp: 108235

Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.2

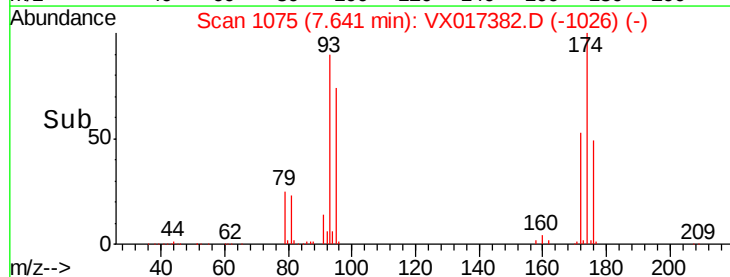
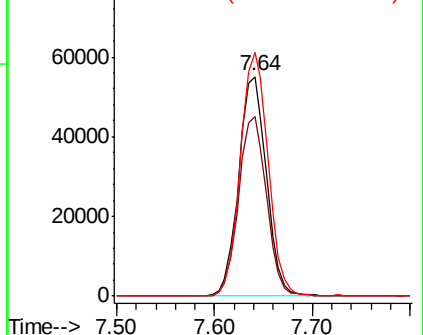
174 111.1 91.2 136.8

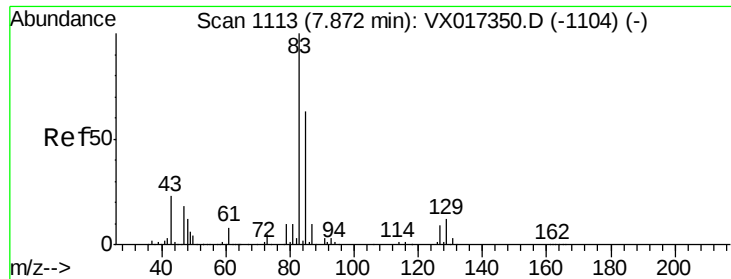


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.806 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

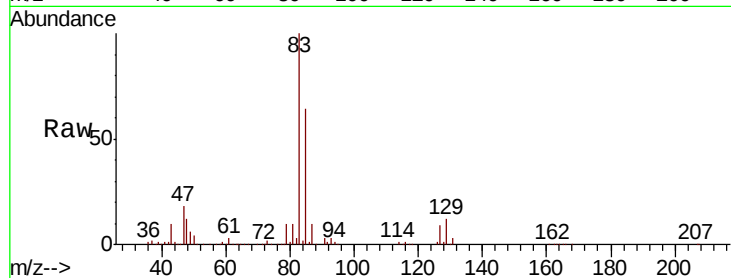
Tot Ion: 83 Resp: 224729

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

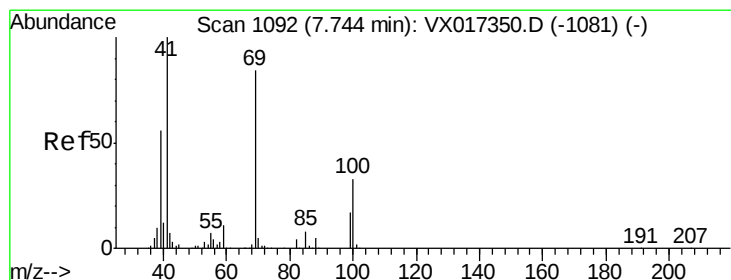
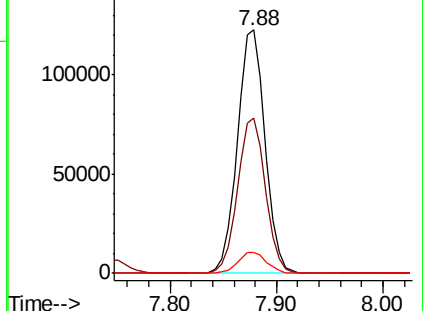
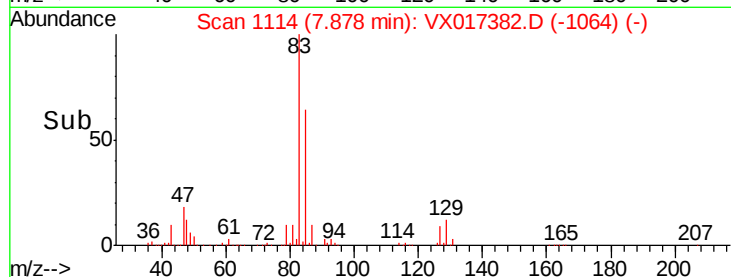
127 8.7 7.1 10.7



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: 53.726 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

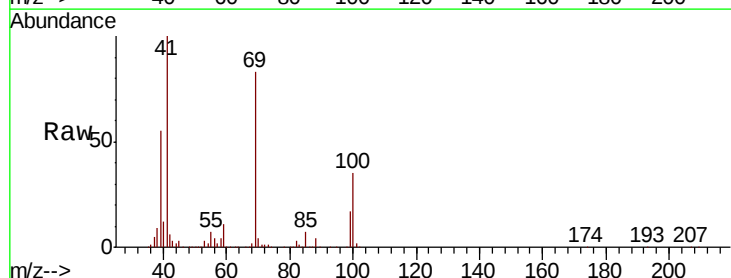
Tgt Ion: 41 Resp: 169963

Ion Ratio Lower Upper

41 100

69 83.6 67.8 101.6

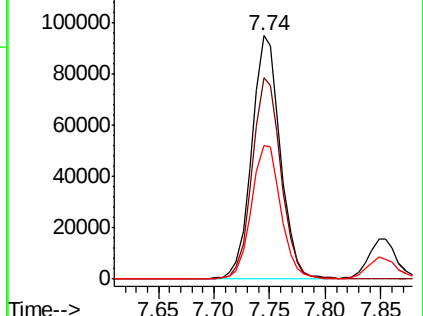
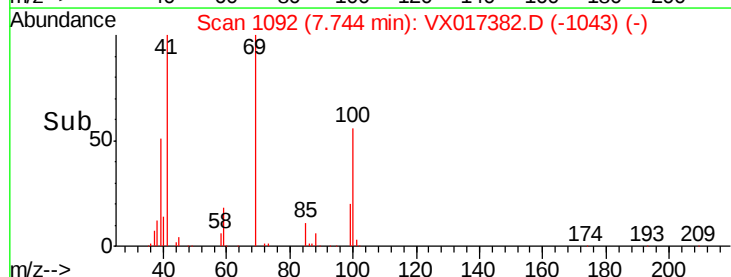
39 56.4 45.1 67.7

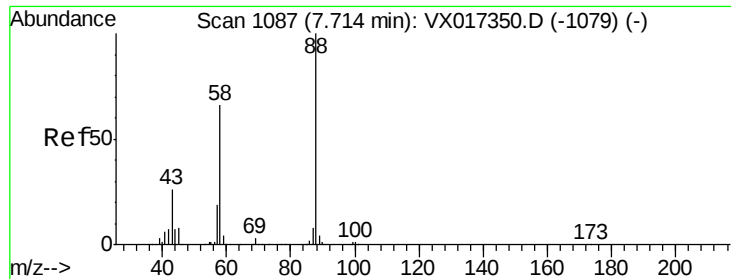


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

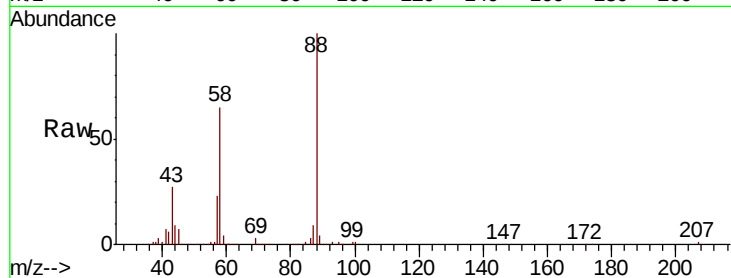




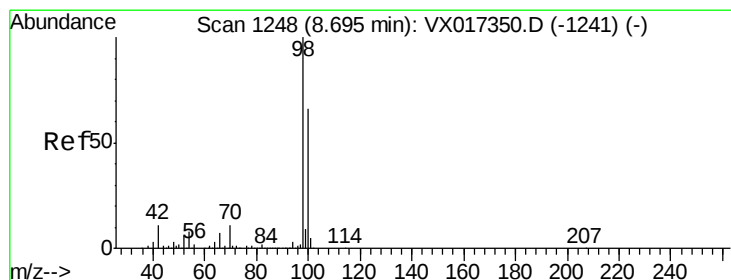
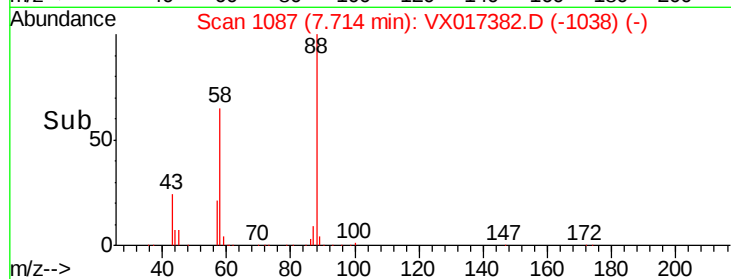
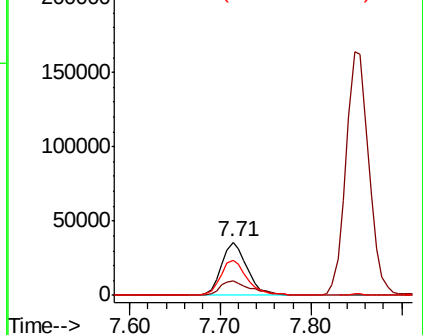
#49
1,4-Dioxane
Concen: 1083.661 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 70155
Ion Ratio Lower Upper
88 100
43 32.8 25.6 38.4
58 68.8 53.9 80.9

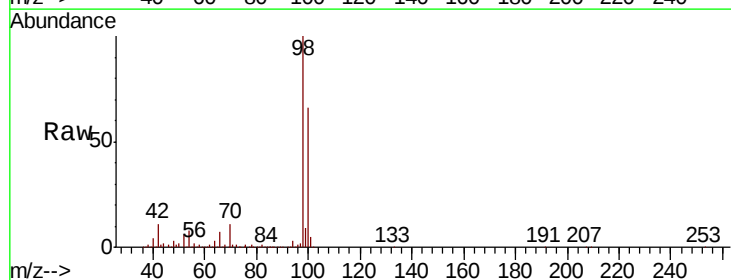


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

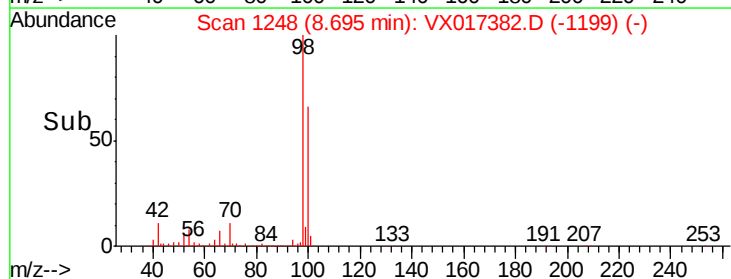
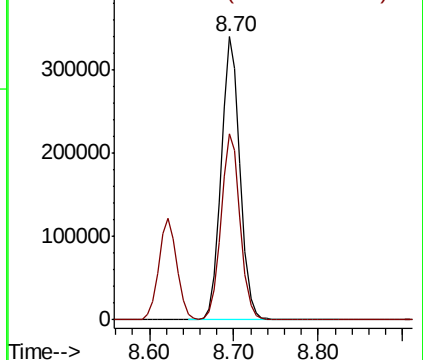


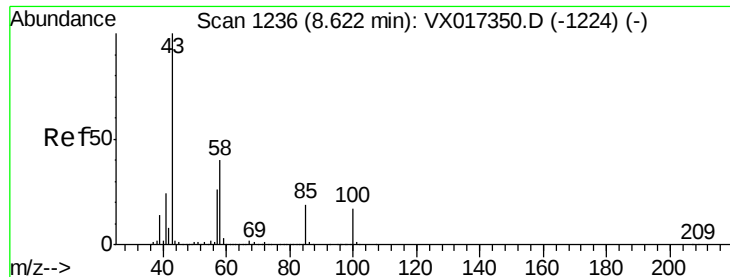
#50
Toluene-d8
Concen: 49.289 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 98 Resp: 519422
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 265.503 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

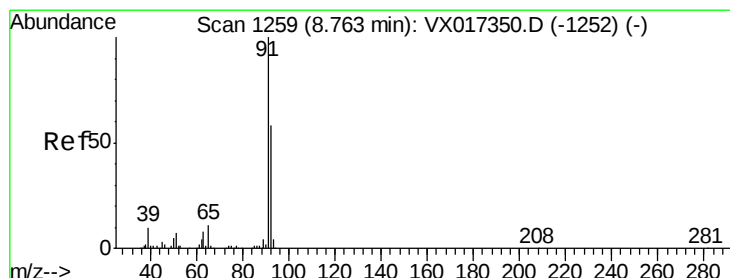
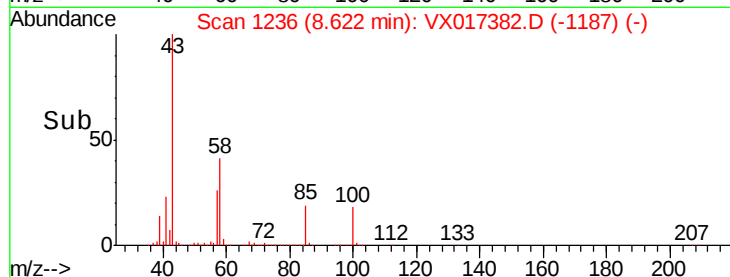
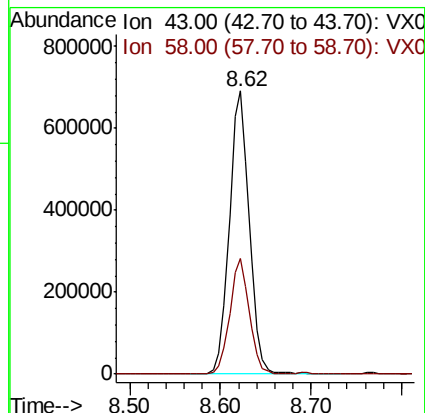
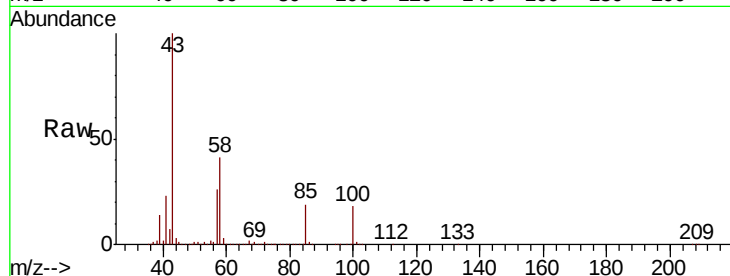
VSTDCCC050EC

Tot Ion: 43 Resp: 1067238

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.2



#52

Toluene

Concen: 51.239 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017382.D

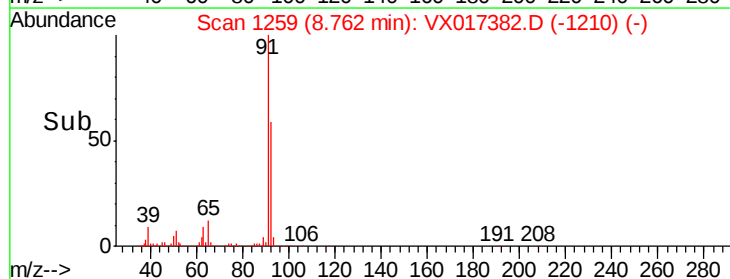
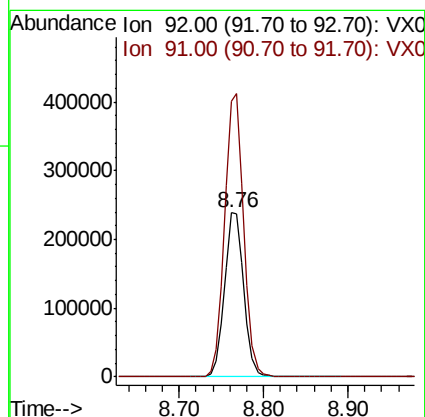
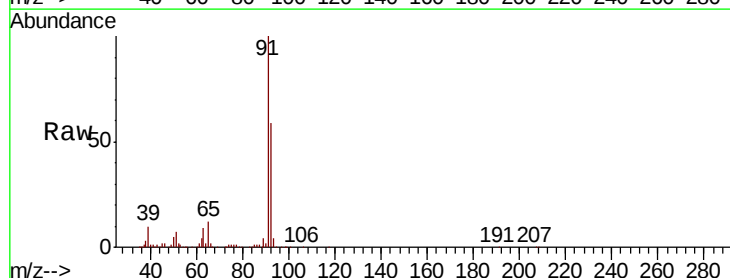
Acq: 14 Jul 2020 16:27

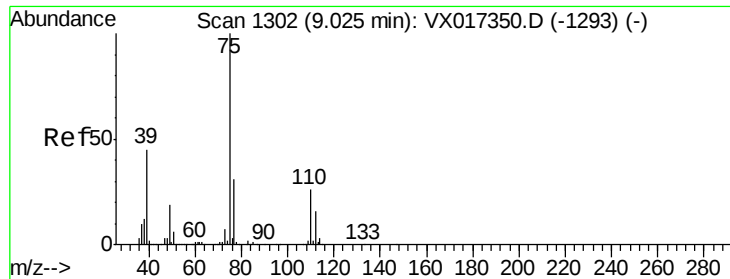
Tgt Ion: 92 Resp: 376980

Ion Ratio Lower Upper

92 100

91 170.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 51.001 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

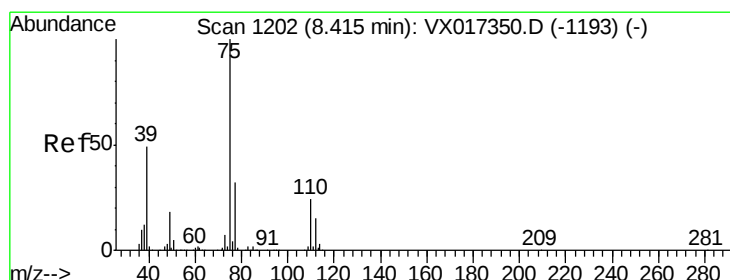
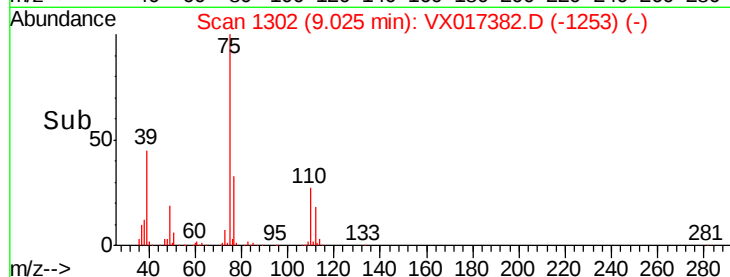
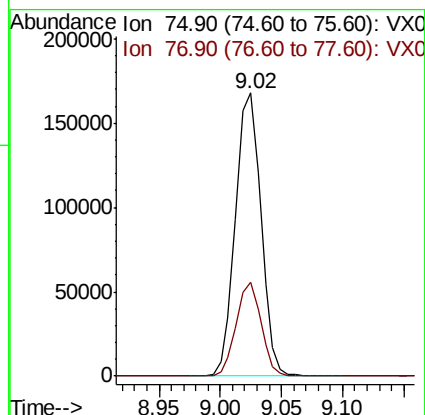
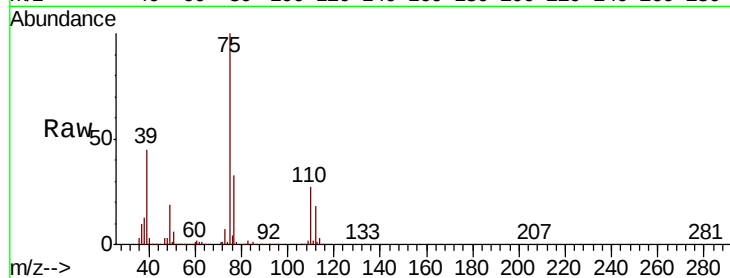
VSTDCCC050EC

Tot Ion: 75 Resp: 243032

Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.832 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

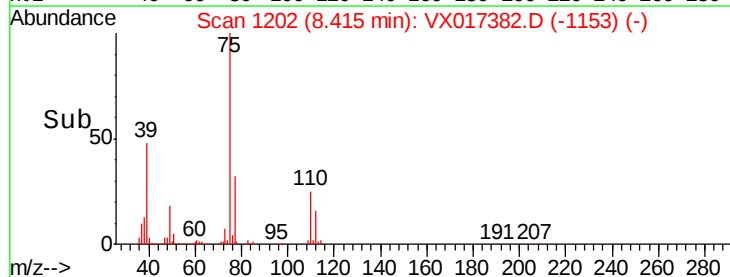
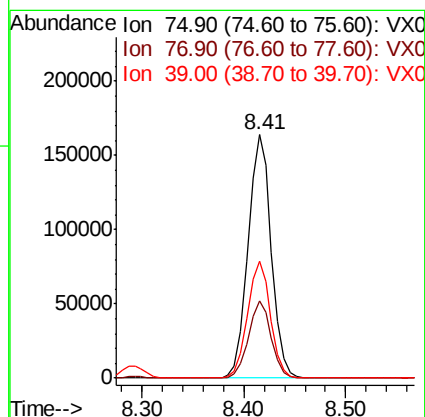
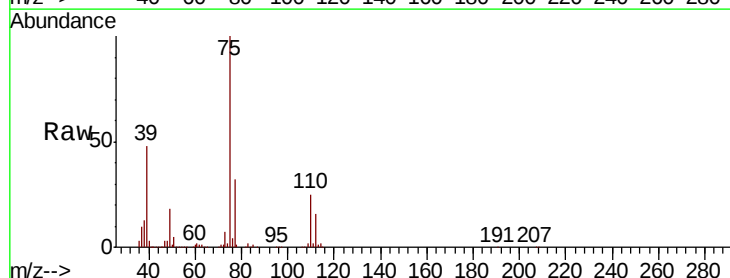
Tgt Ion: 75 Resp: 258352

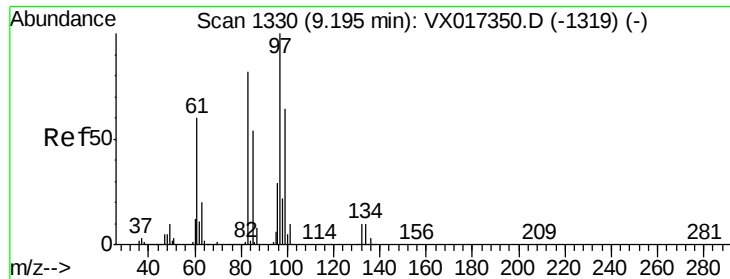
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 47.8 38.9 58.3

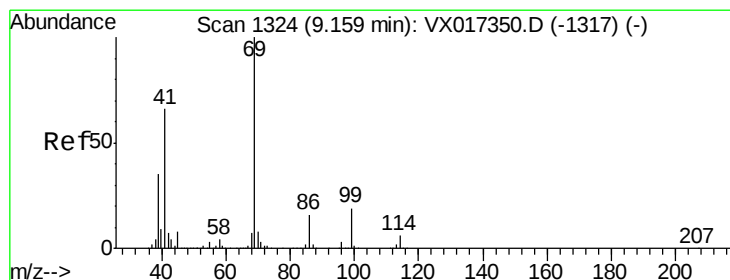
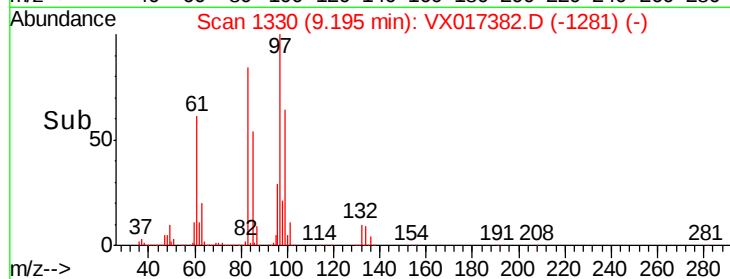
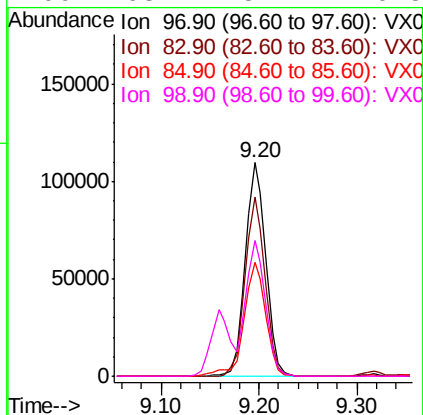
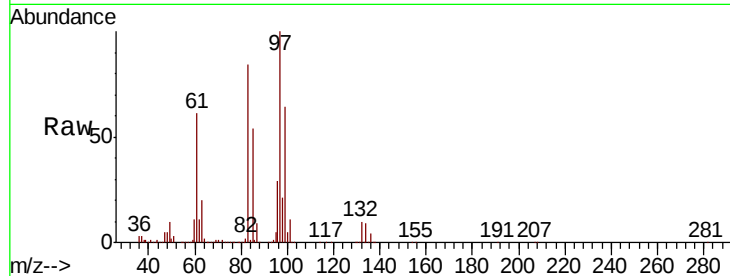




#55
 1,1,2-Trichloroethane
 Concen: 51.834 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

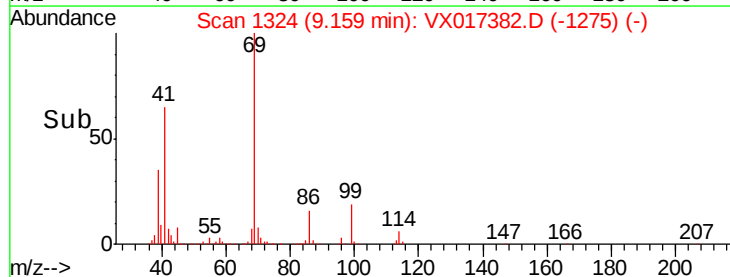
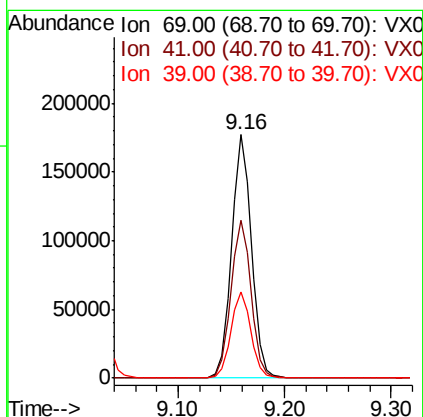
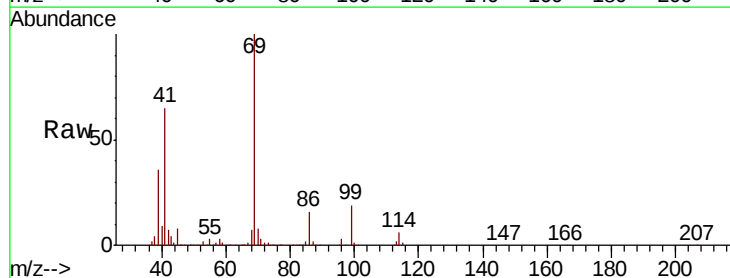
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

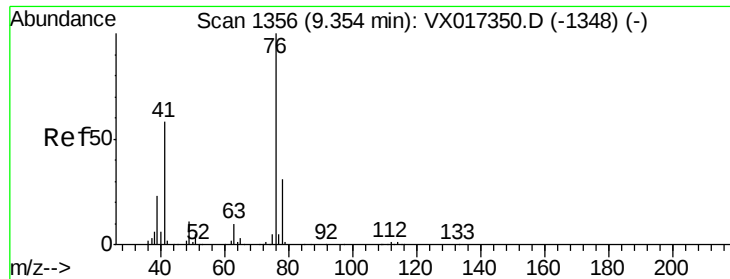
Tot Ion:	97	Resp:	159023
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.6
85	53.5	42.8	64.2
99	63.4	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 53.415 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion:	69	Resp:	232656
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.6	78.8
39	36.0	28.8	43.2

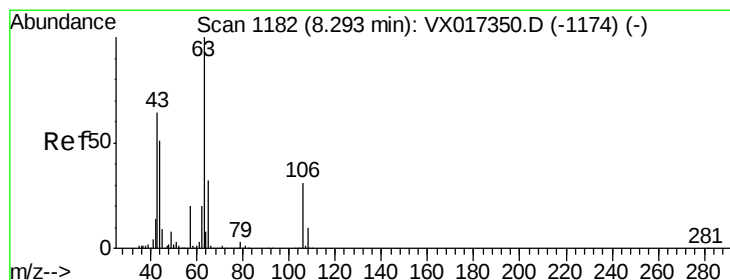
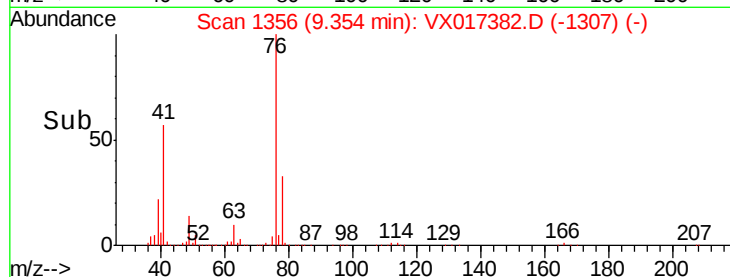
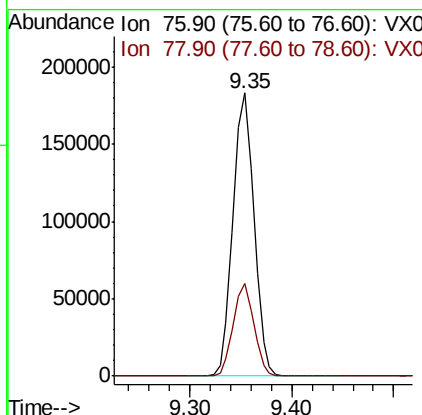
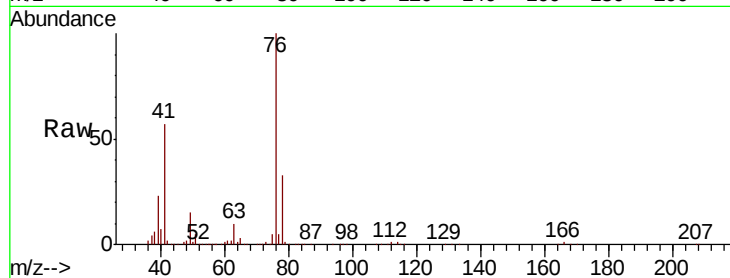




#57
 1,3-Dichloropropane
 Concen: 50.905 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

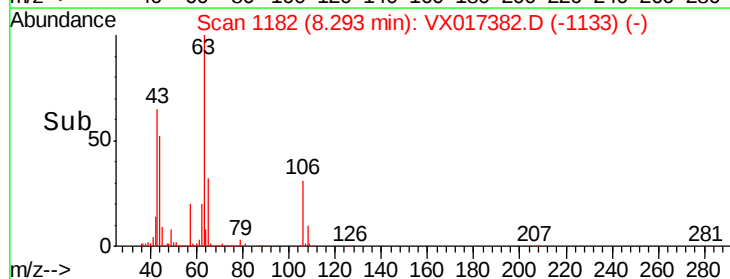
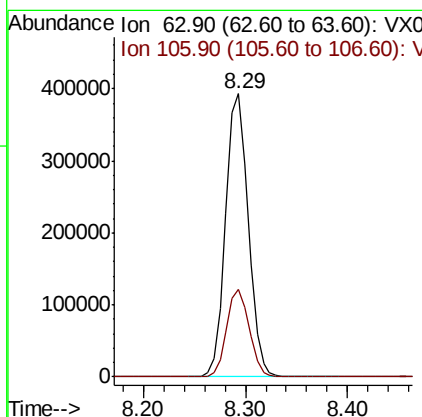
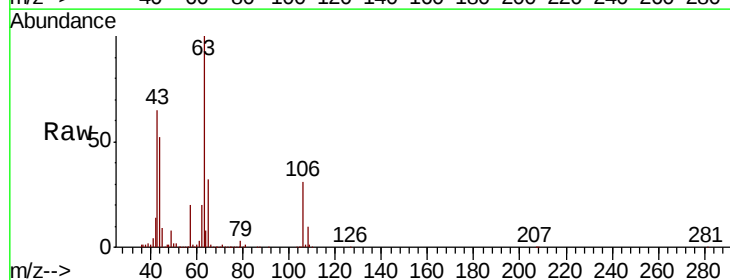
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

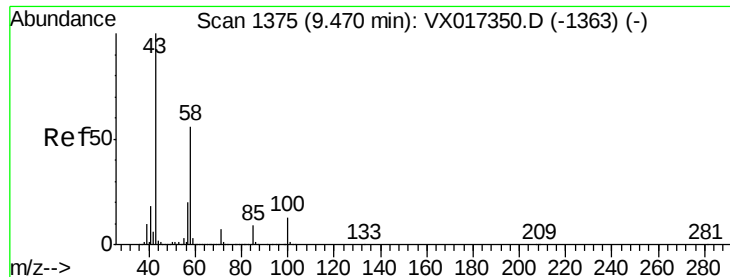
Tot Ion: 76 Resp: 259782
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.878 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 63 Resp: 603489
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.8 37.2

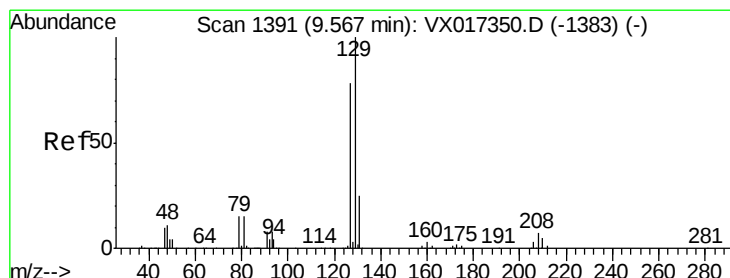
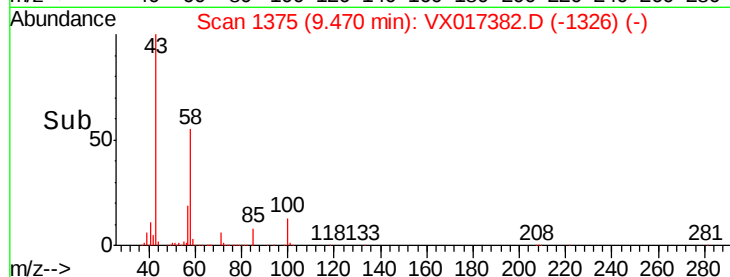
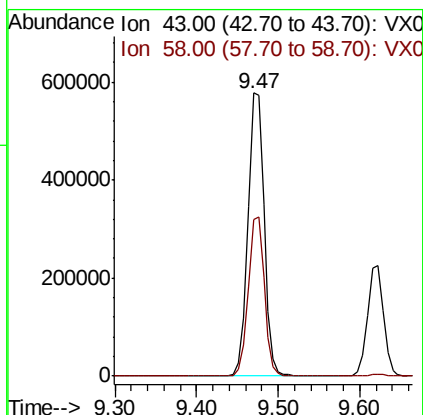
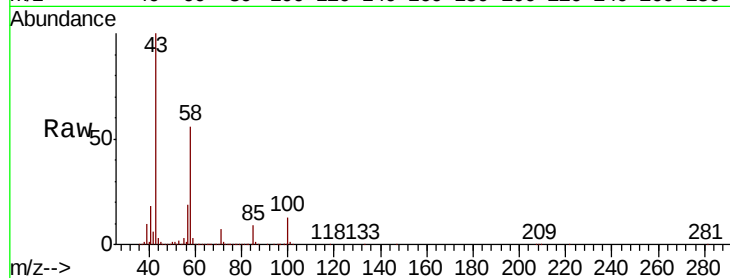




#59
2-Hexanone
Concen: 264.324 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

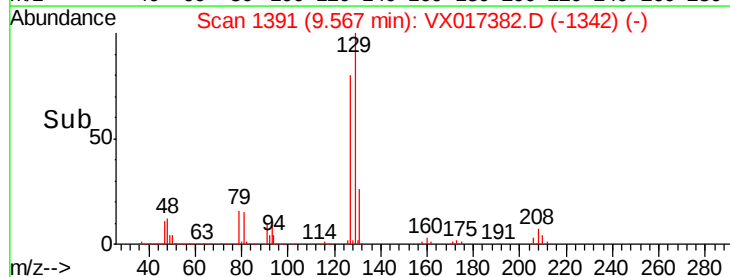
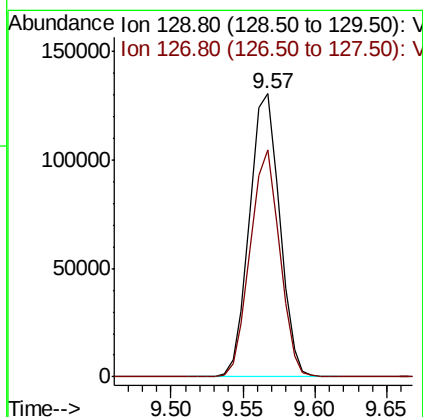
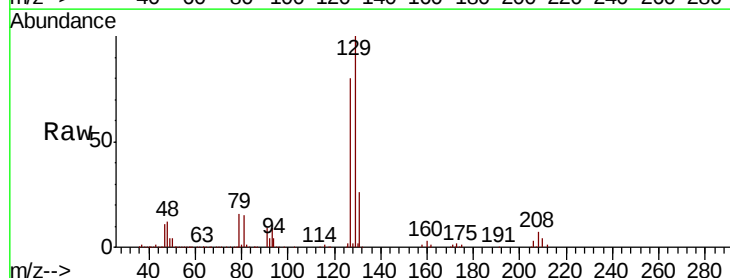
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

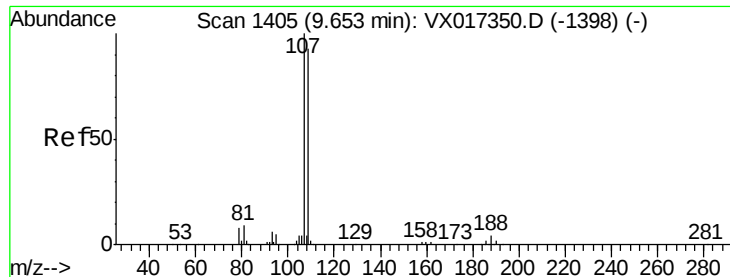
Tot Ion: 43 Resp: 801928
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 50.505 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 129 Resp: 189289
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

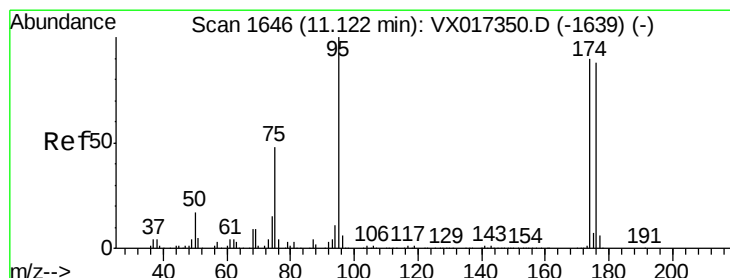
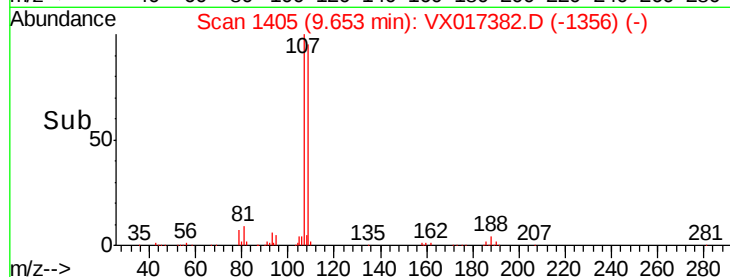
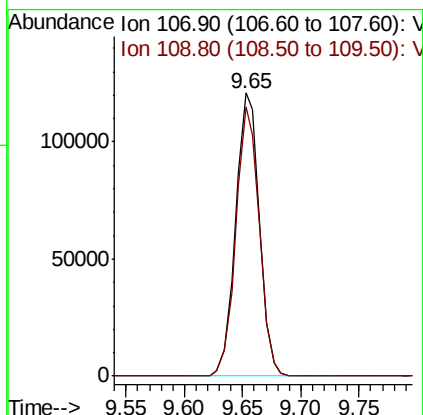
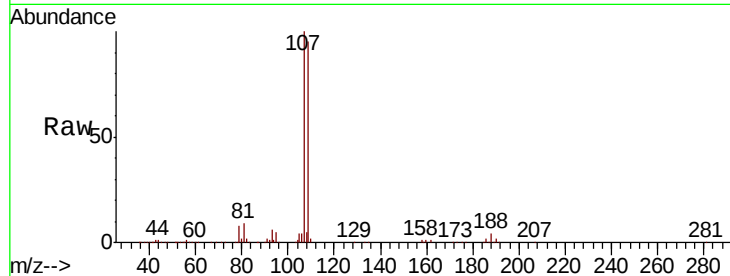




#61
 1,2-Dibromoethane
 Concen: 51.492 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

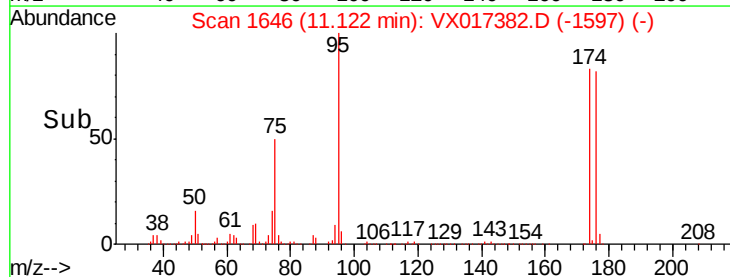
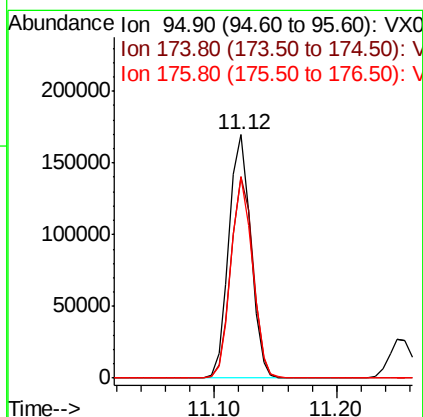
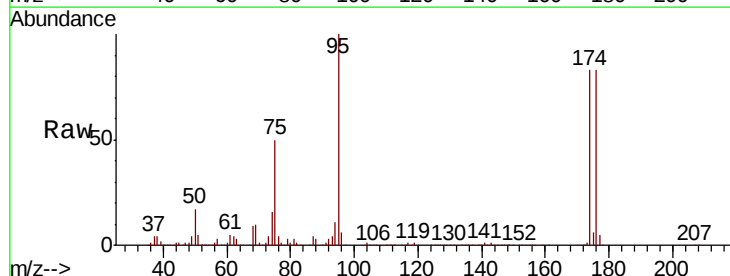
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

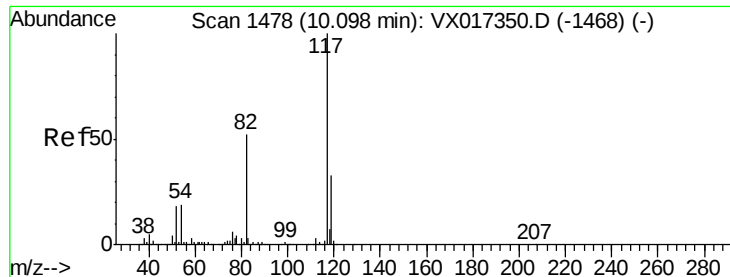
Tot Ion:107 Resp: 171850
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.071 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion: 95 Resp: 209600
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 175.8
 176 81.5 0.0 164.6

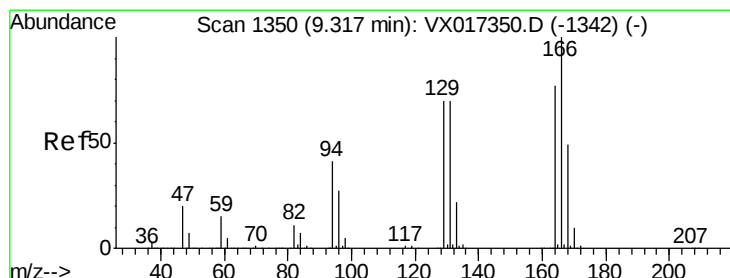
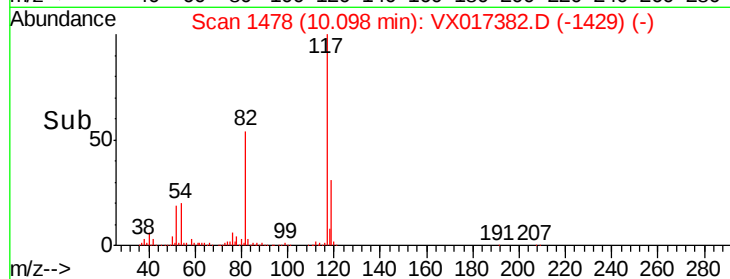
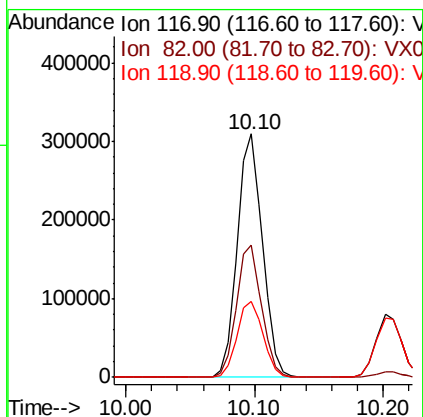
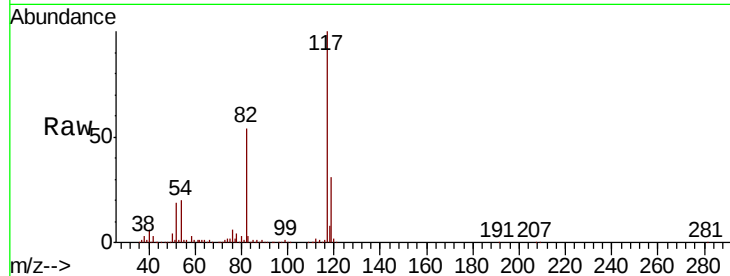




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

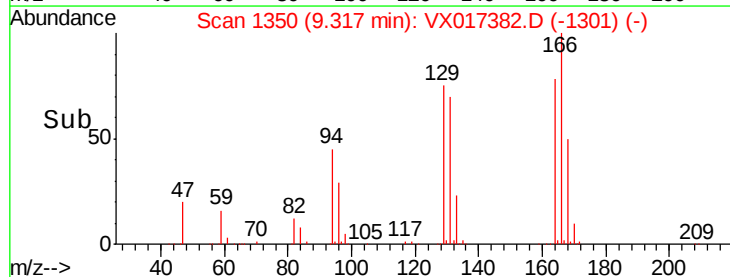
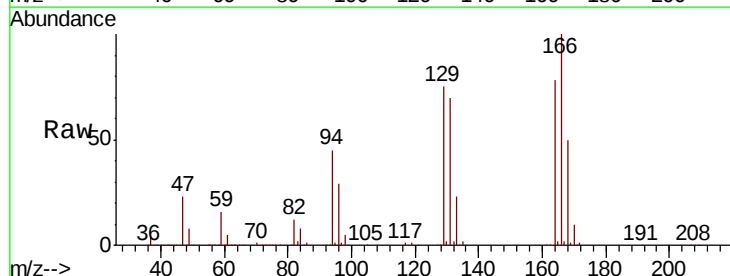
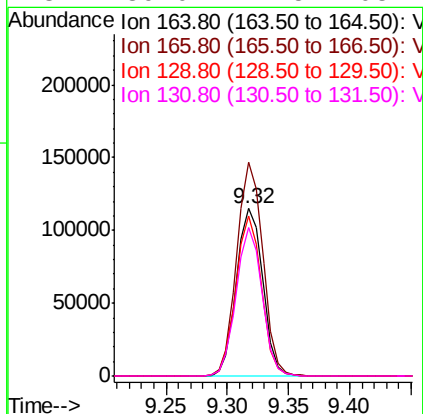
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 420414
Ion Ratio Lower Upper
117 100
82 54.3 42.0 63.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 46.860 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion:164 Resp: 170515
Ion Ratio Lower Upper
164 100
166 127.7 103.9 155.9
129 96.0 72.9 109.3
131 89.0 72.5 108.7





#65

Chlorobenzene

Concen: 49.673 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

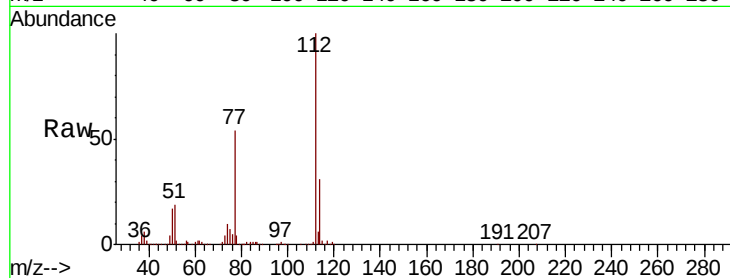
VSTDCCC050EC

Tot Ion:112 Resp: 424388

Ion Ratio Lower Upper

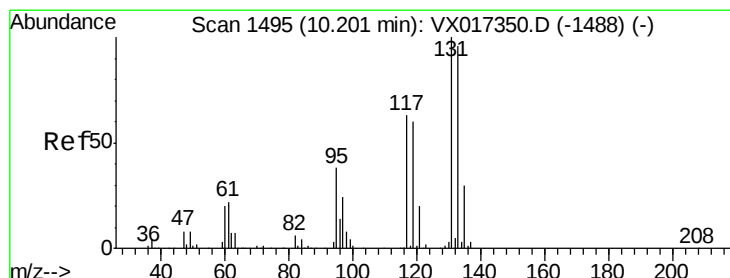
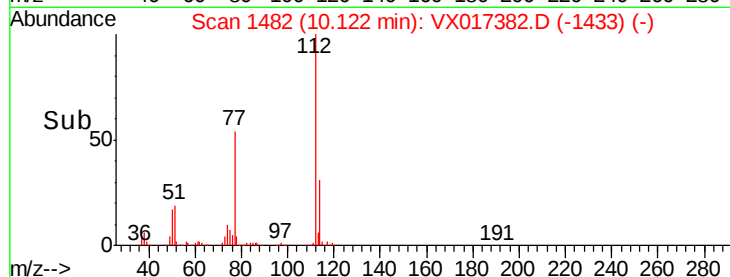
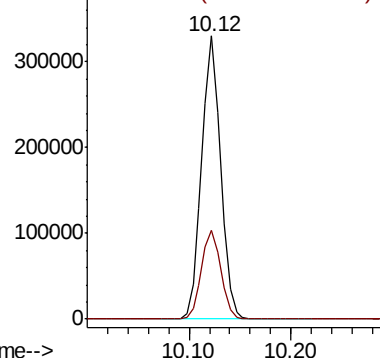
112 100

114 31.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.666 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

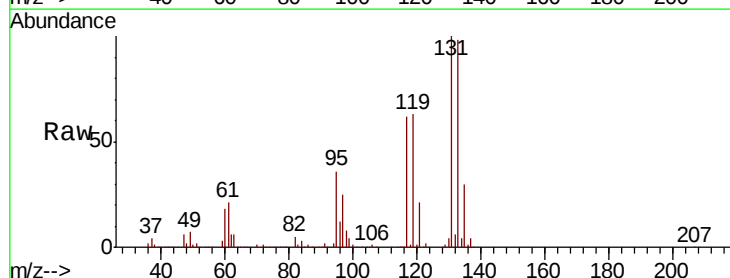
Tgt Ion:131 Resp: 168942

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.2

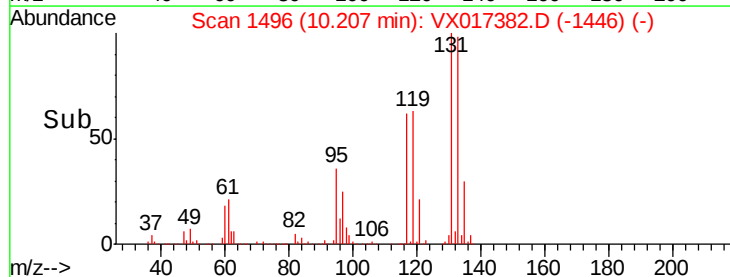
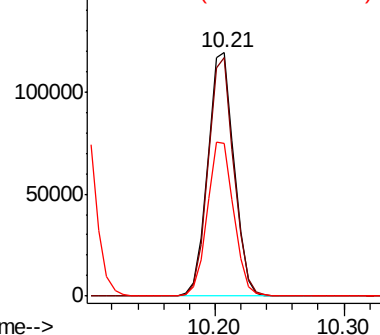
119 63.7 31.2 93.6

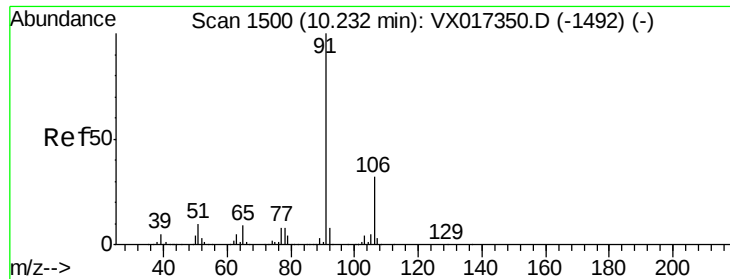


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.793 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

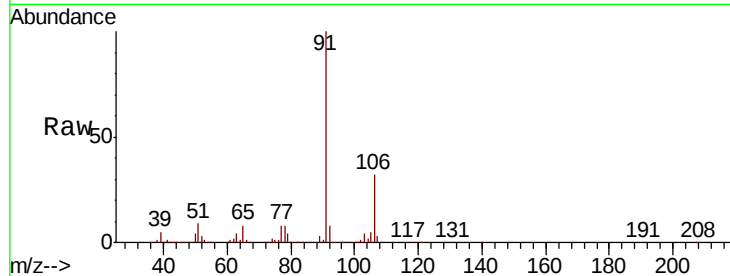
VSTDCCC050EC

Tot Ion: 91 Resp: 722419

Ion Ratio Lower Upper

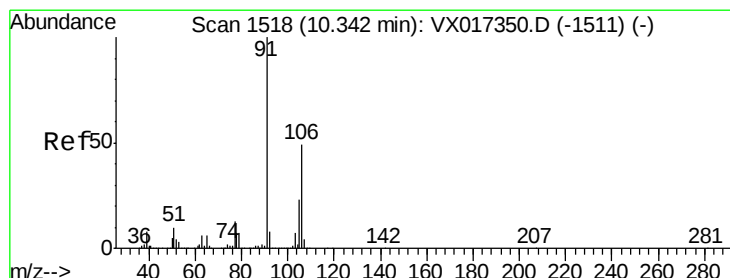
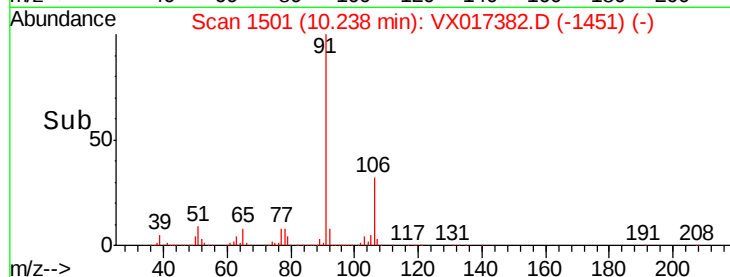
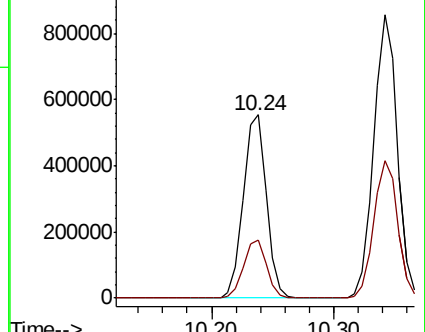
91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX017350.D (-1492) (-)



#68

m/p-Xylenes

Concen: 104.052 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017382.D

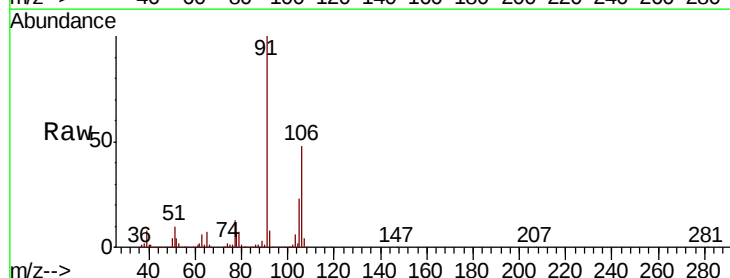
Acq: 14 Jul 2020 16:27

Tgt Ion: 106 Resp: 563084

Ion Ratio Lower Upper

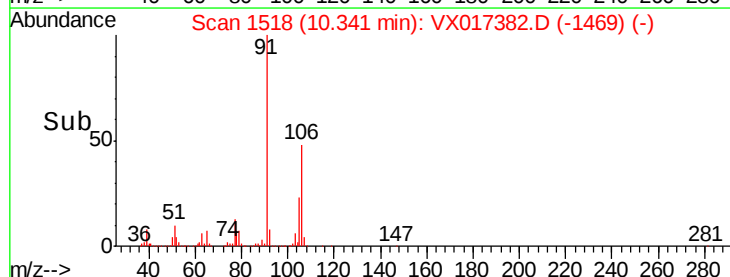
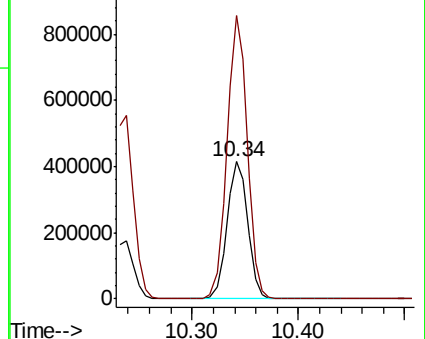
106 100

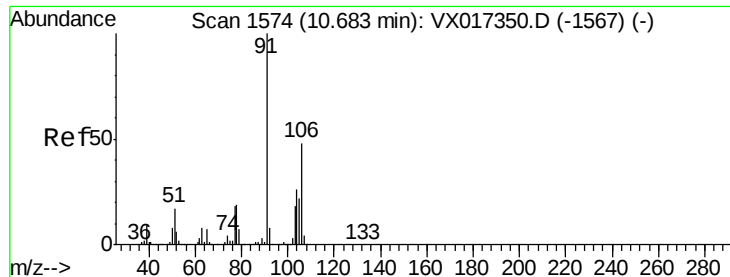
91 202.3 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): VX017350.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX017350.D (-1511) (-)

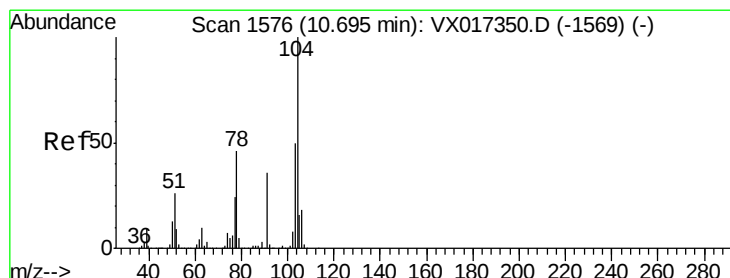
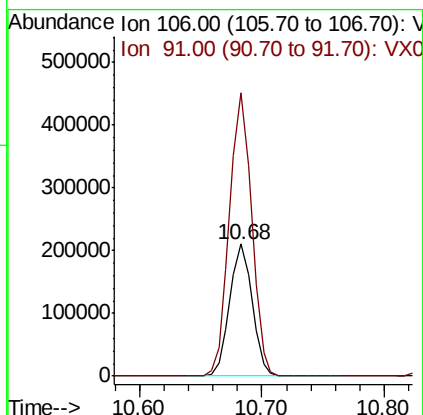
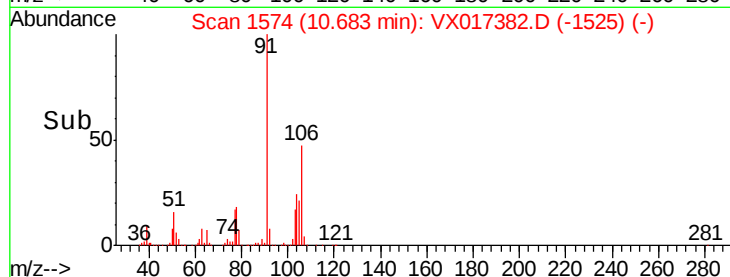
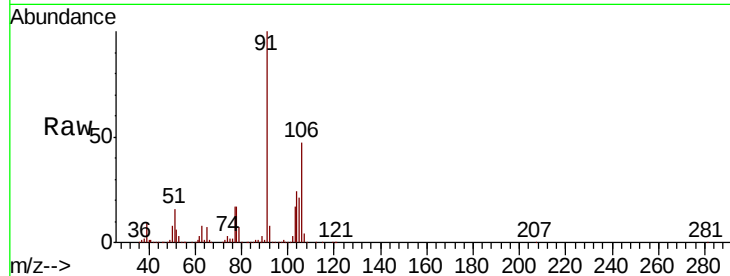




#69
o-Xylene
Concen: 51.730 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

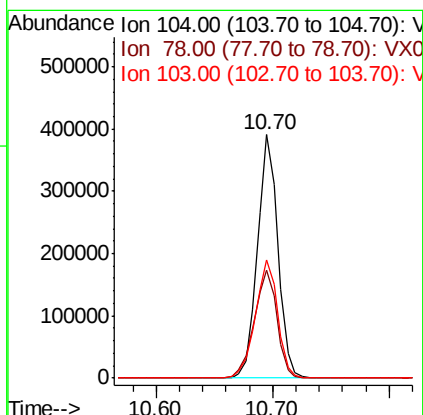
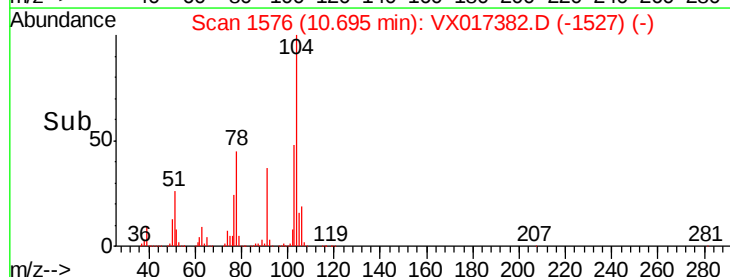
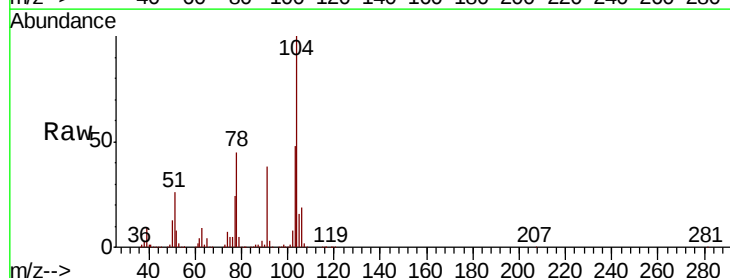
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

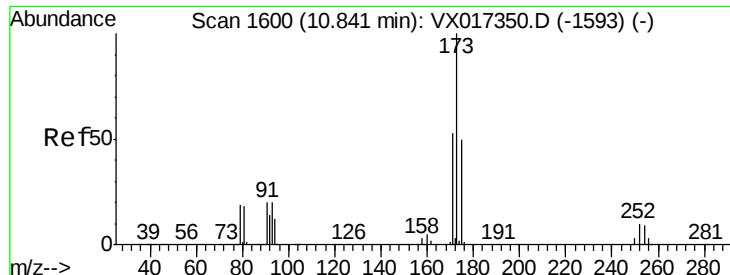
Tot Ion:106 Resp: 267496
Ion Ratio Lower Upper
106 100
91 213.4 106.1 318.1



#70
Styrene
Concen: 53.956 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion:104 Resp: 478927
Ion Ratio Lower Upper
104 100
78 49.7 40.8 61.2
103 53.3 43.3 64.9





#71

Bromoform

Concen: 50.768 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

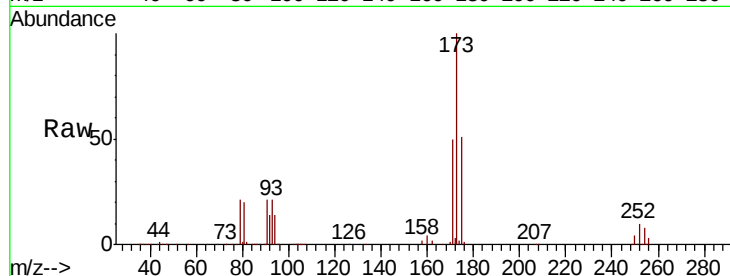
Tot Ion:173 Resp: 145723

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

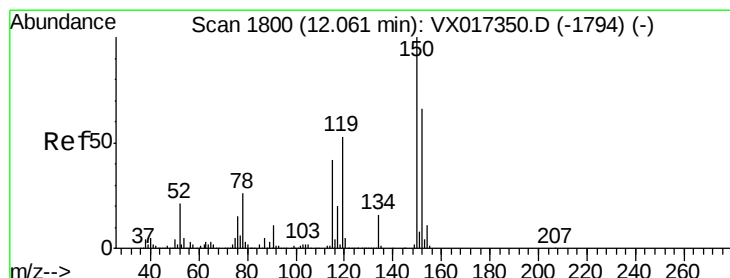
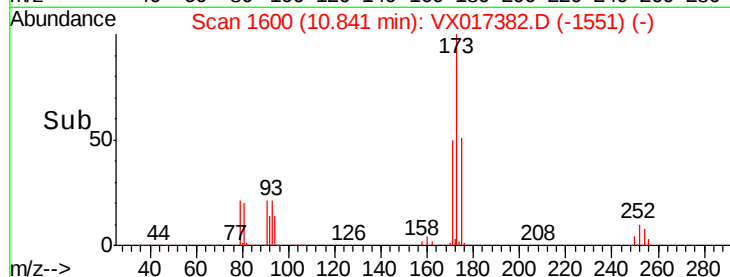
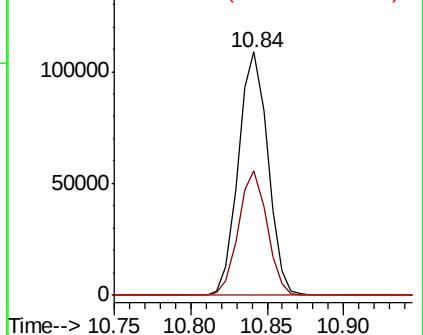
254 0.1 0.1 0.1#



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: VX017382.D

Acq: 14 Jul 2020 16:27

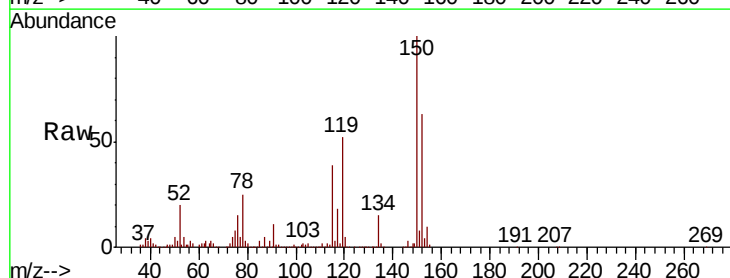
Tgt Ion:152 Resp: 231219

Ion Ratio Lower Upper

152 100

115 79.2 39.9 119.7

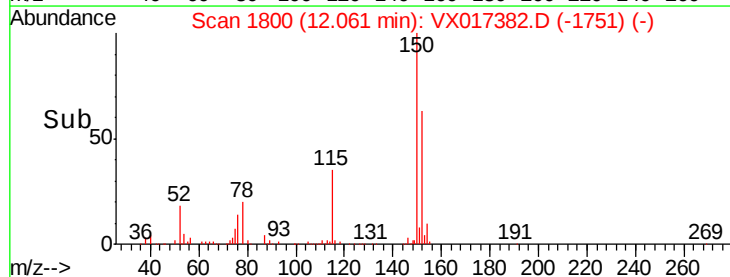
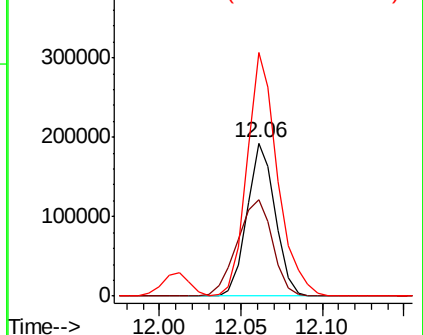
150 173.1 0.0 343.4

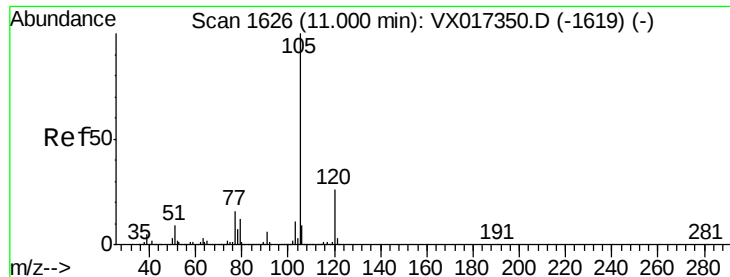


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.923 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

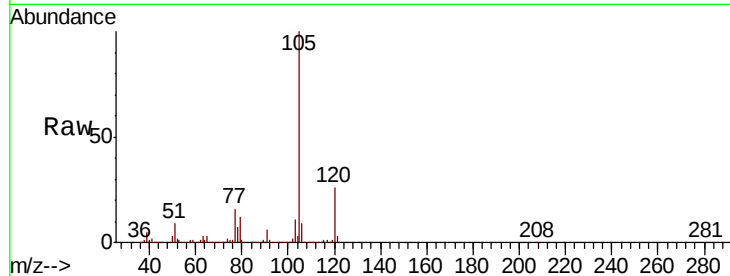
VSTDCCC050EC

Tot Ion: 105 Resp: 723605

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

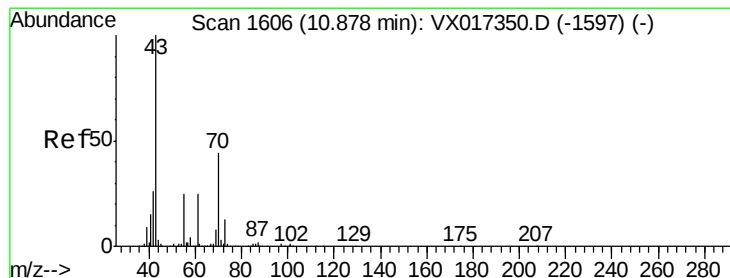
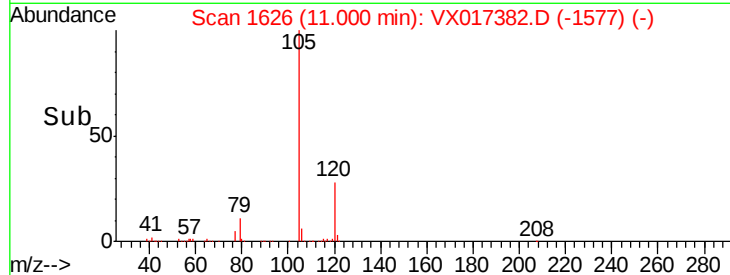
400000

200000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 53.437 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Tgt Ion: 43 Resp: 309947

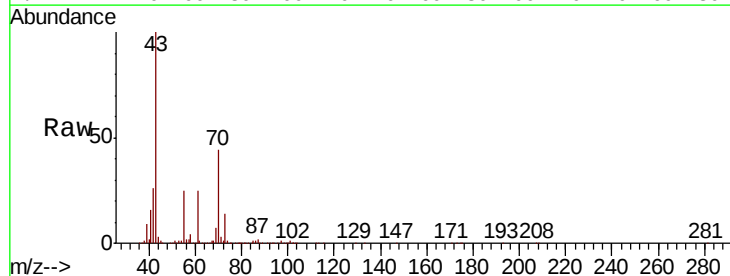
Ion Ratio Lower Upper

43 100

70 44.3 35.7 53.5

55 25.1 20.3 30.5

61 24.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

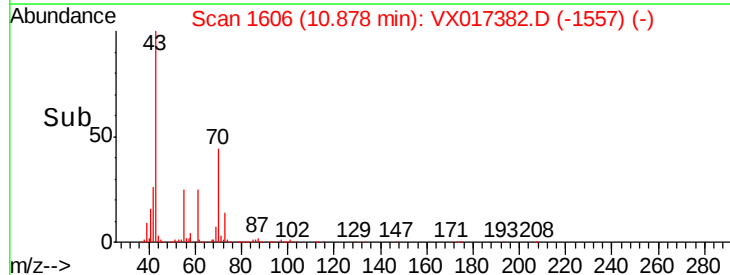
200000

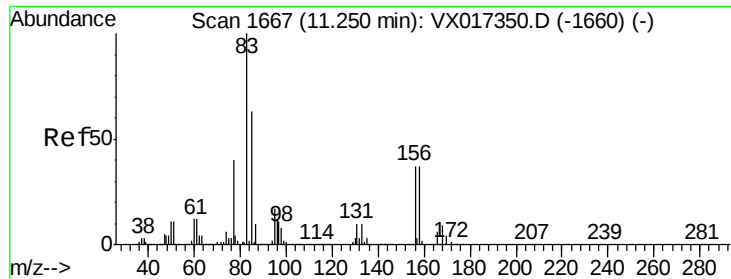
100000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.828 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

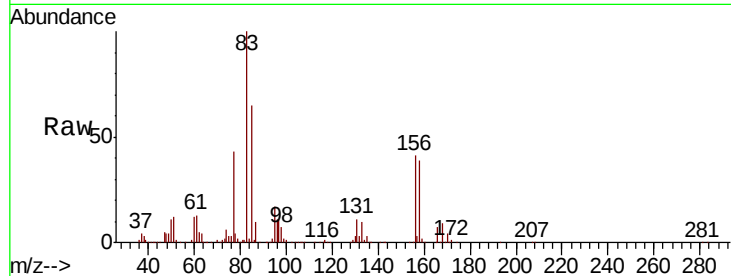
Tot Ion: 83 Resp: 223684

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

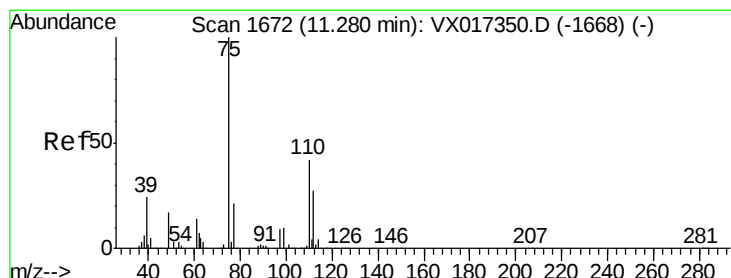
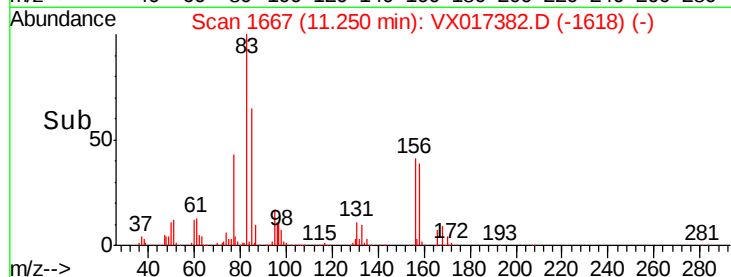
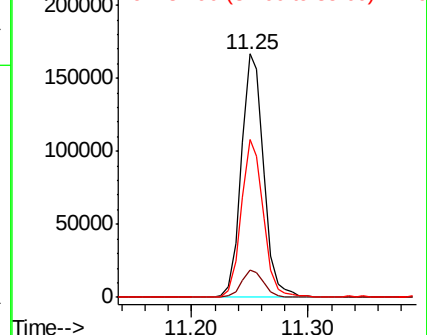
85 63.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.483 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017382.D

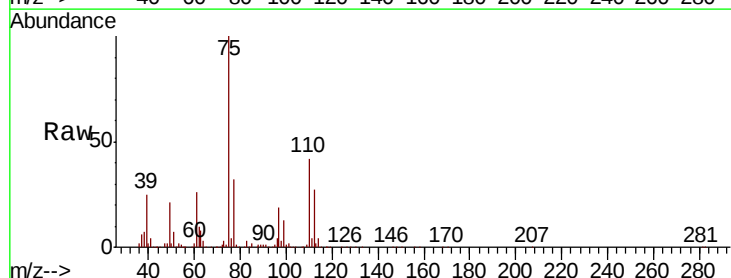
Acq: 14 Jul 2020 16:27

Tgt Ion: 75 Resp: 279776

Ion Ratio Lower Upper

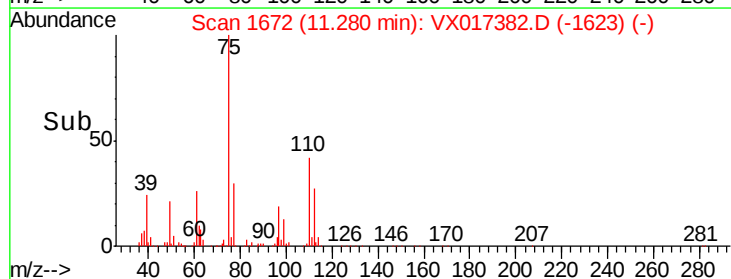
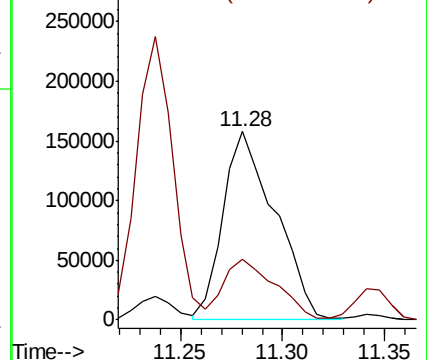
75 100

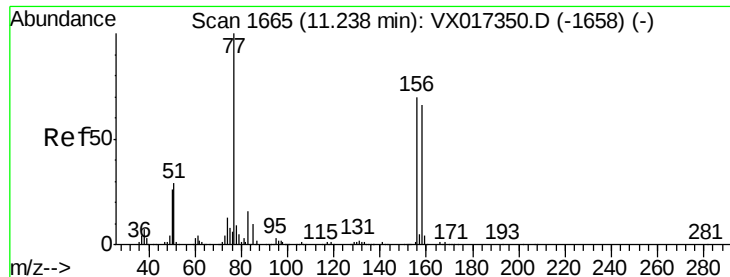
77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.104 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

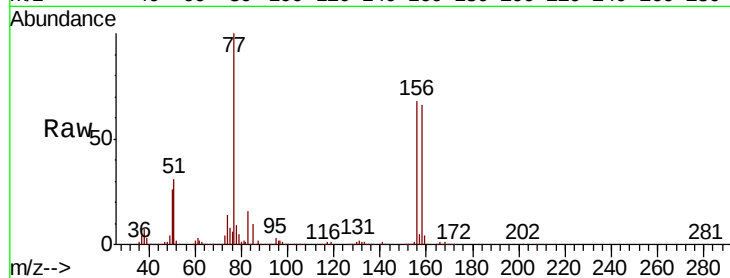
Tot Ion:156 Resp: 202711

Ion Ratio Lower Upper

156 100

77 146.4 72.1 216.3

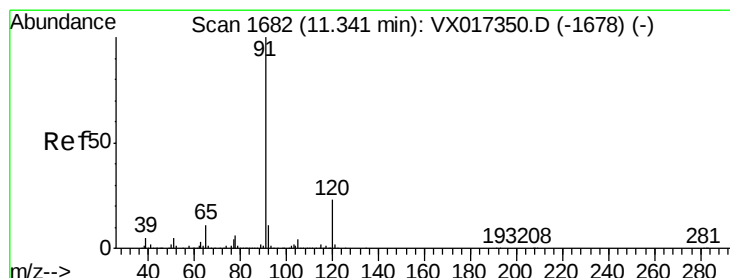
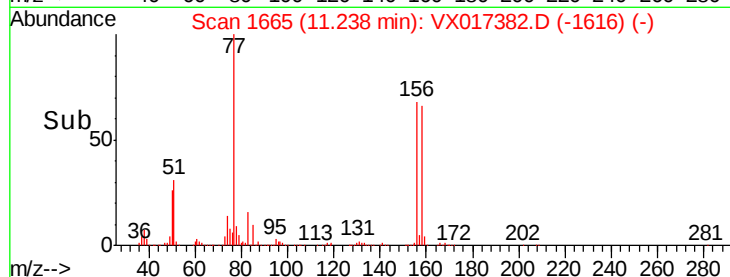
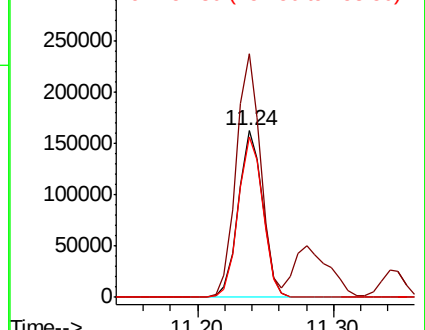
158 97.1 47.4 142.3



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: 50.333 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017382.D

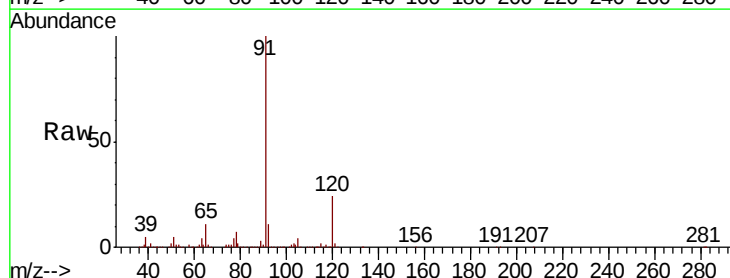
Acq: 14 Jul 2020 16:27

Tgt Ion: 91 Resp: 819335

Ion Ratio Lower Upper

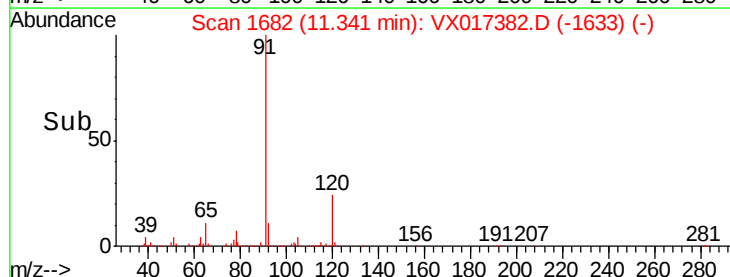
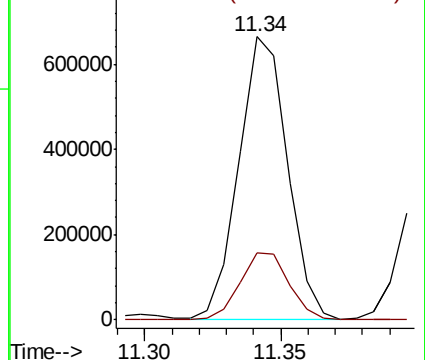
91 100

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: 50.032 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

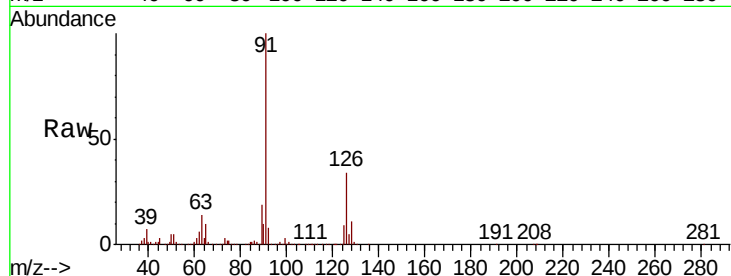
VSTDCCC050EC

Tot Ion: 91 Resp: 501896

Ion Ratio Lower Upper

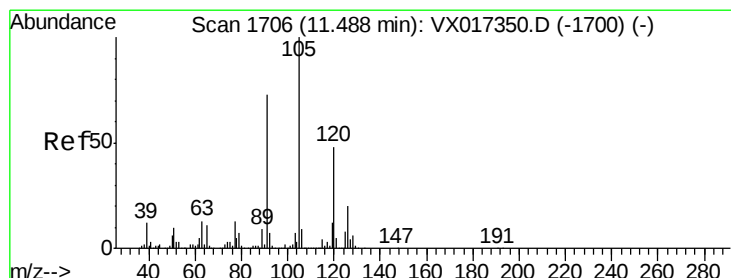
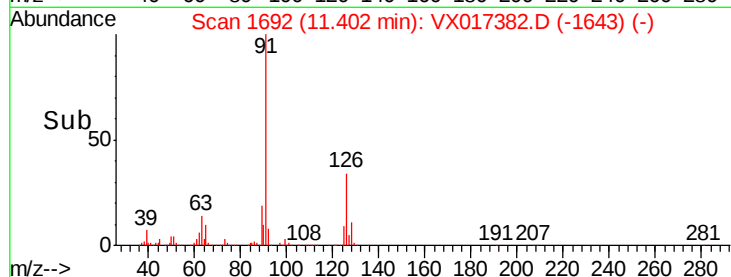
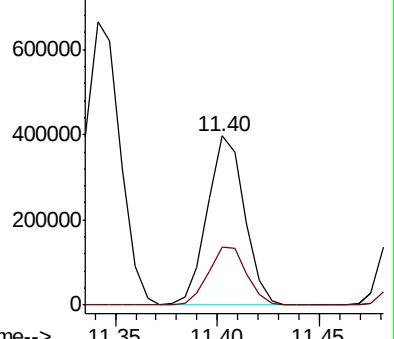
91 100

126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017350.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.824 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017382.D

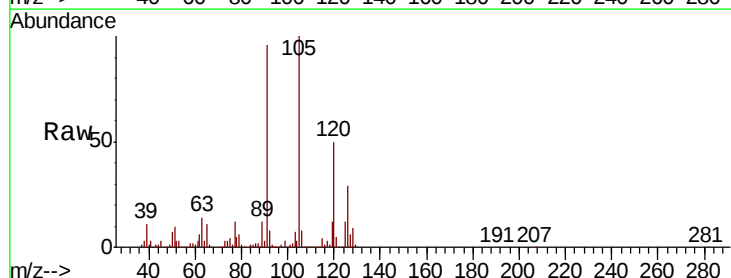
Acq: 14 Jul 2020 16:27

Tgt Ion: 105 Resp: 625321

Ion Ratio Lower Upper

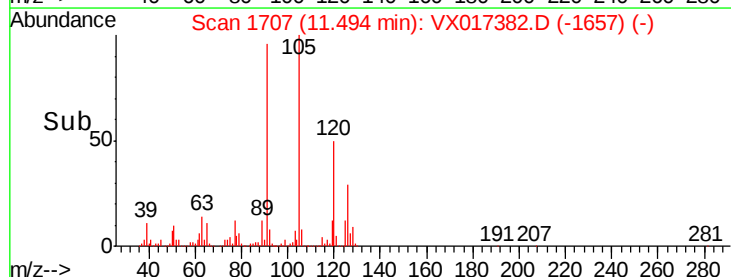
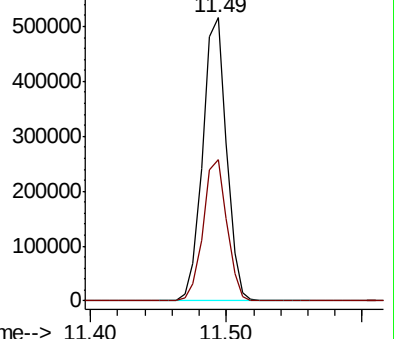
105 100

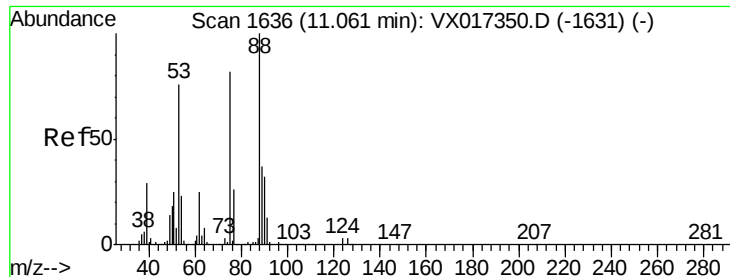
120 50.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017350.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.212 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

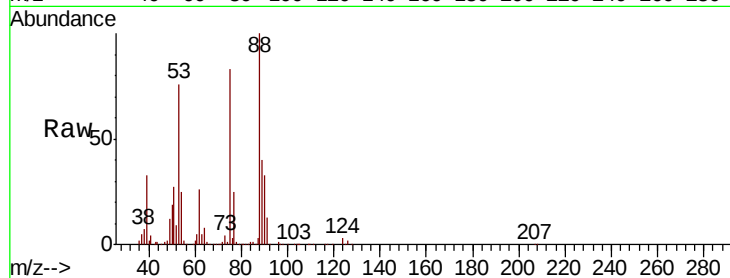
Tot Ion: 75 Resp: 81200

Ion Ratio Lower Upper

75 100

53 95.2 76.5 114.7

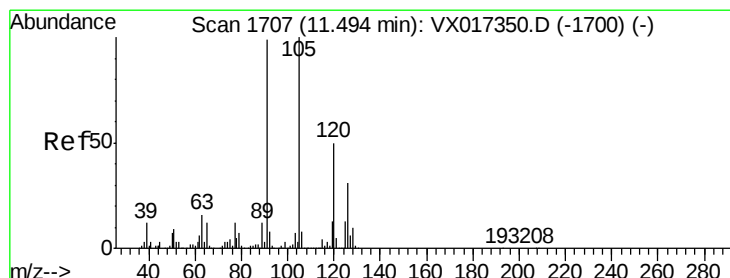
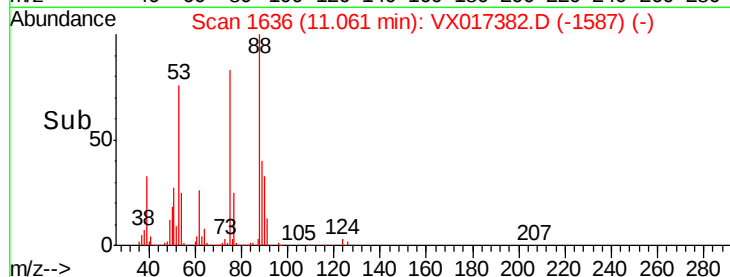
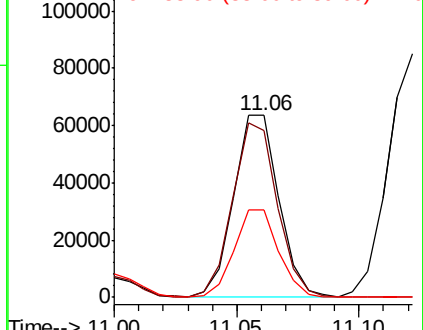
89 48.1 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.021 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017382.D

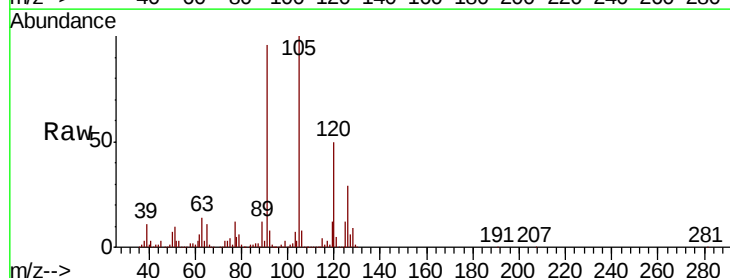
Acq: 14 Jul 2020 16:27

Tgt Ion: 91 Resp: 606562

Ion Ratio Lower Upper

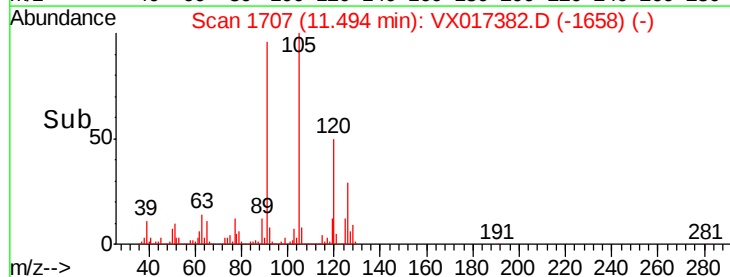
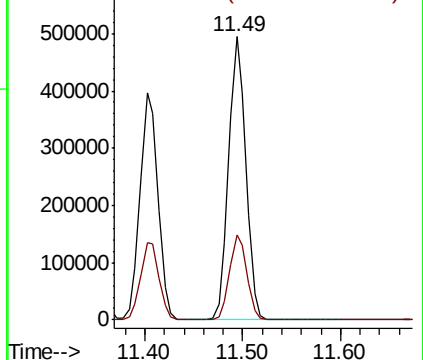
91 100

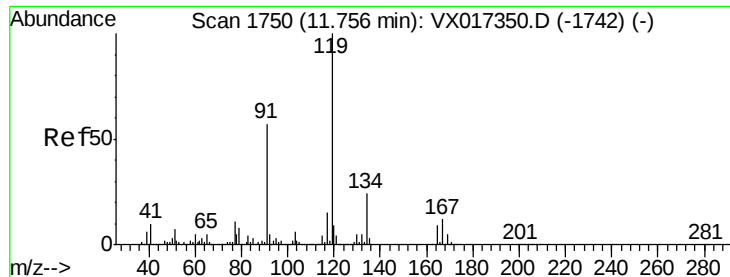
126 30.2 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

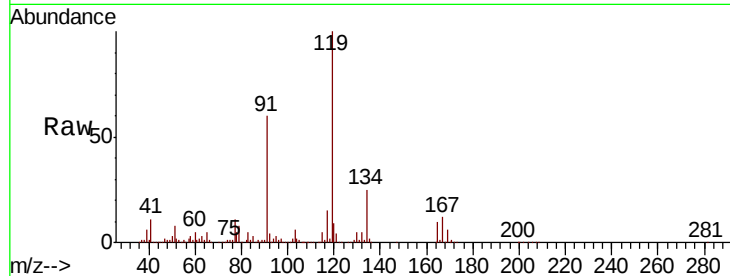




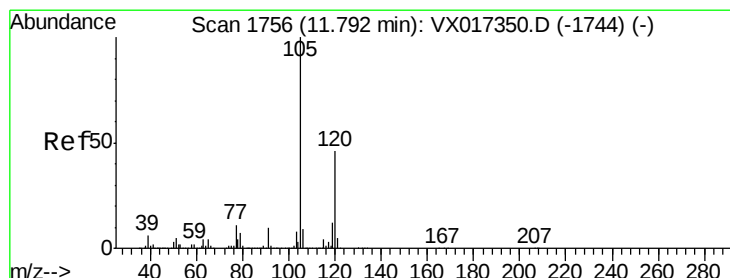
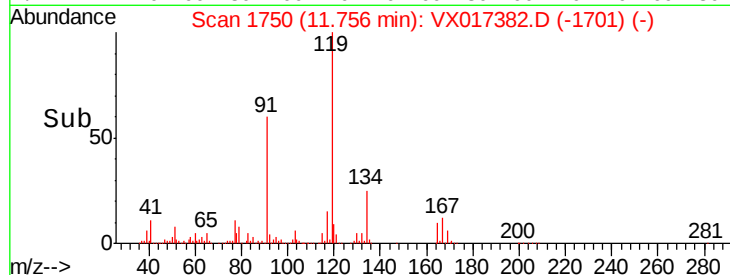
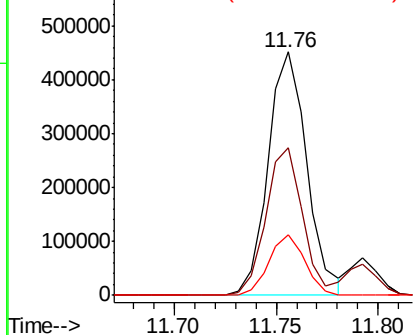
#83
tert-Butylbenzene
Concen: 50.194 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 596989
Ion Ratio Lower Upper
119 100
91 57.0 28.5 85.6
134 23.3 11.9 35.9

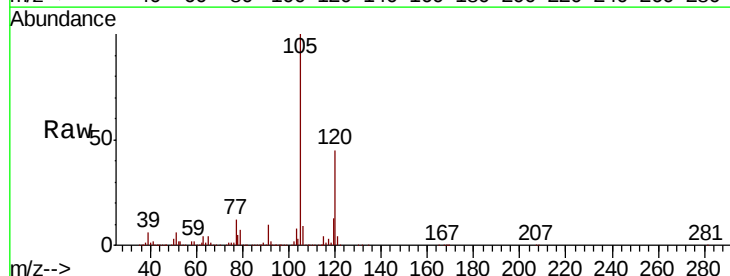


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

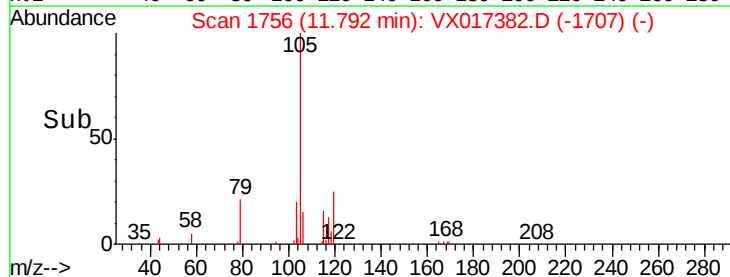
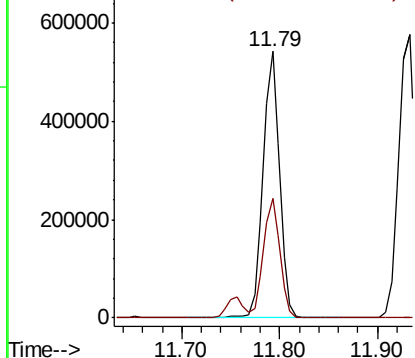


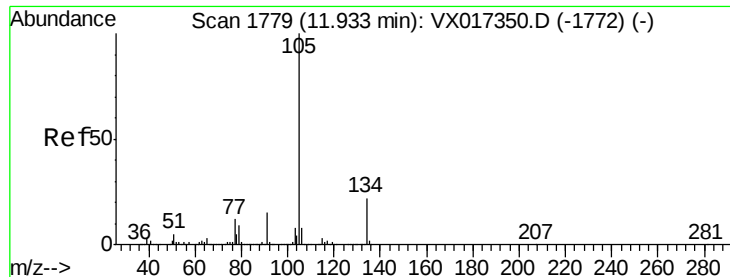
#84
1,2,4-Trimethylbenzene
Concen: 51.437 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion:105 Resp: 639368
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.934 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

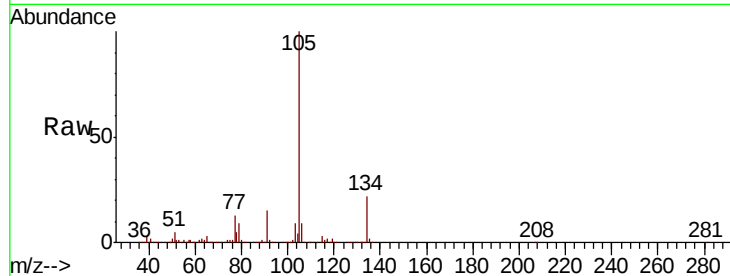
VSTDCCC050EC

Tot Ion:105 Resp: 695311

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

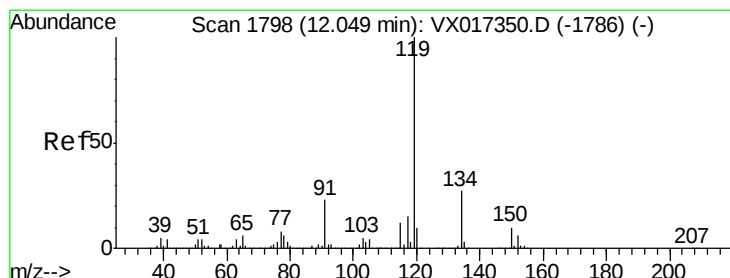
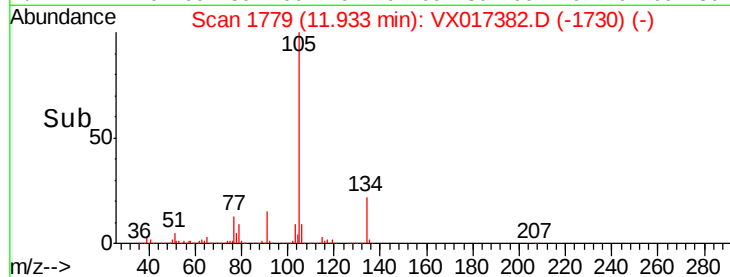
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.718 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

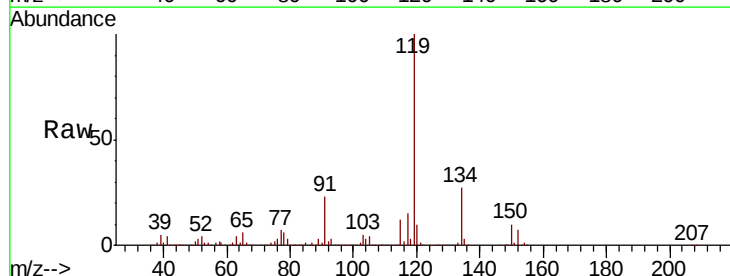
Tgt Ion:119 Resp: 668235

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 23.3 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

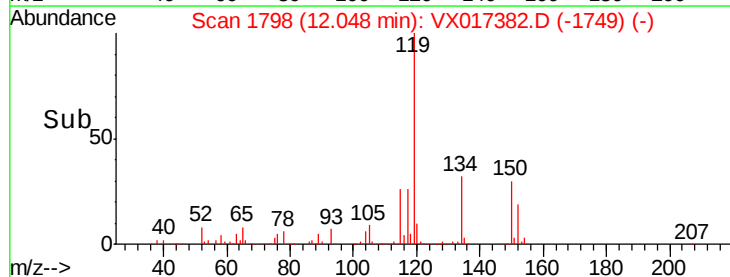
600000

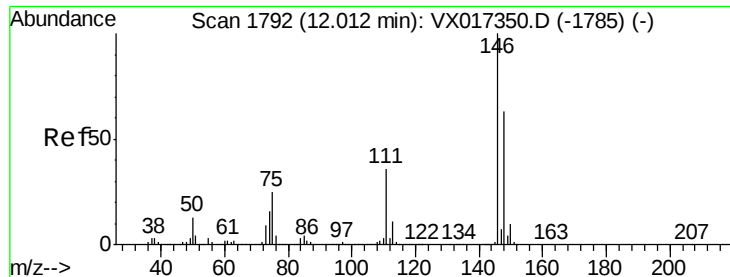
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.310 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

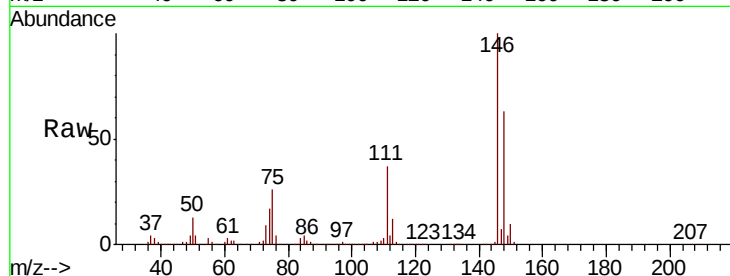
Tot Ion:146 Resp: 349381

Ion Ratio Lower Upper

146 100

111 39.2 19.2 57.6

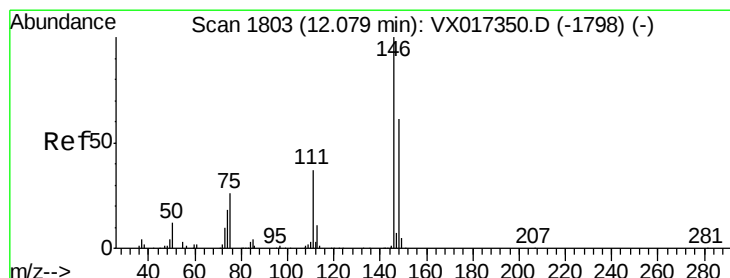
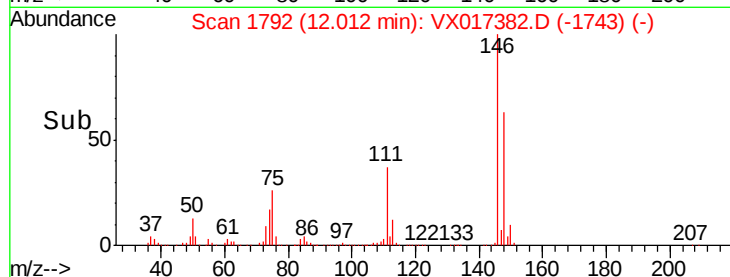
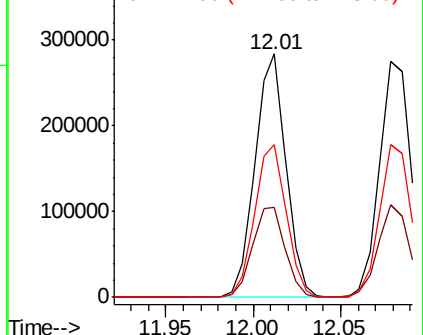
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.446 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

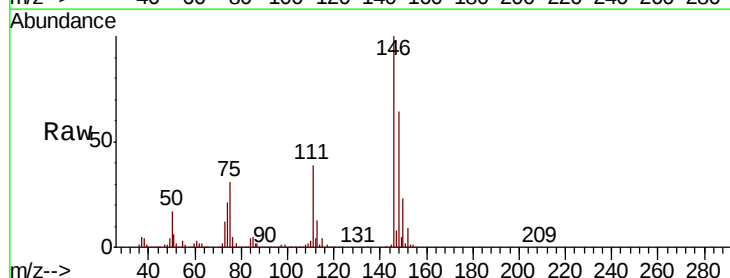
Tgt Ion:146 Resp: 346537

Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.9

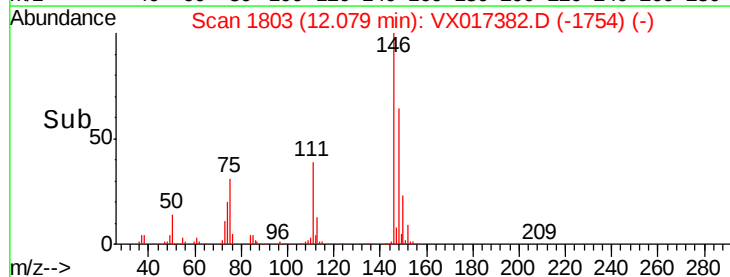
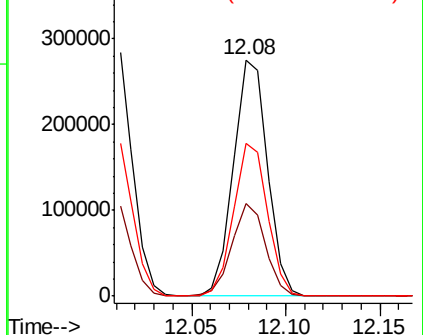
148 64.3 31.9 95.9

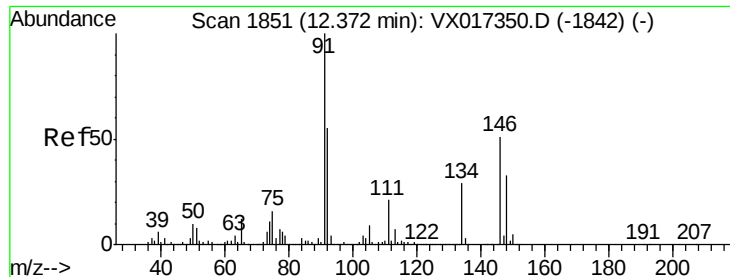


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

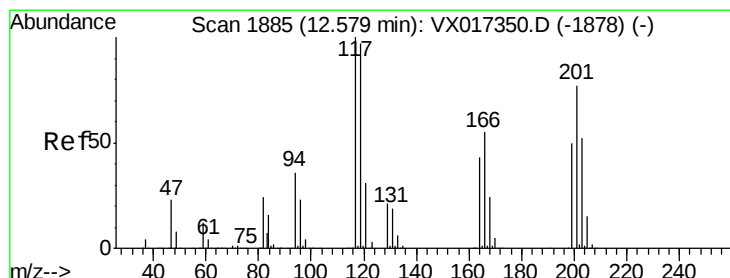
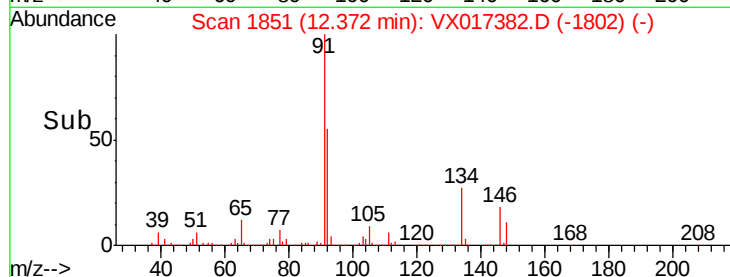
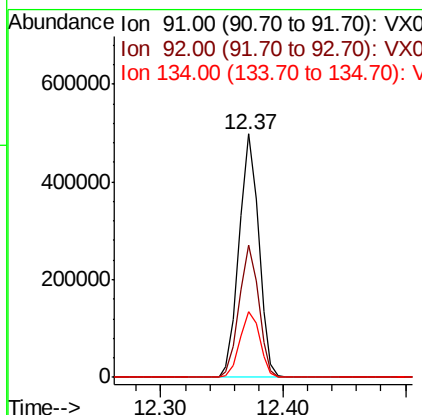
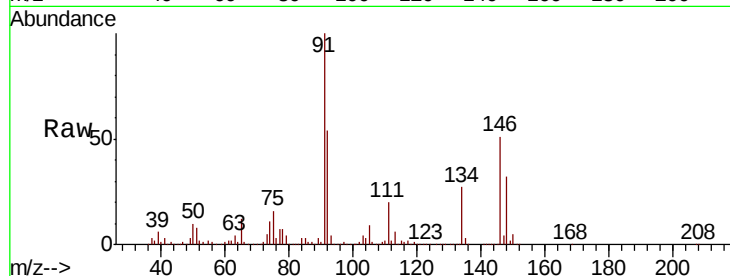




#89
n-Butylbenzene
Concen: 49.111 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

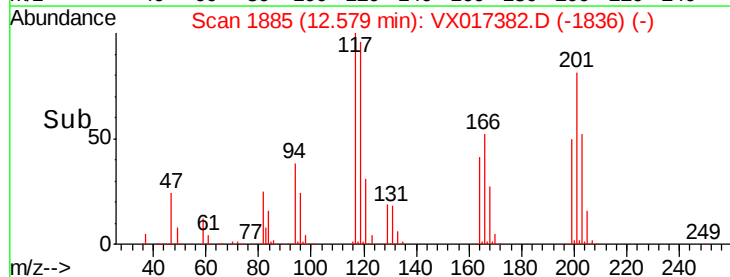
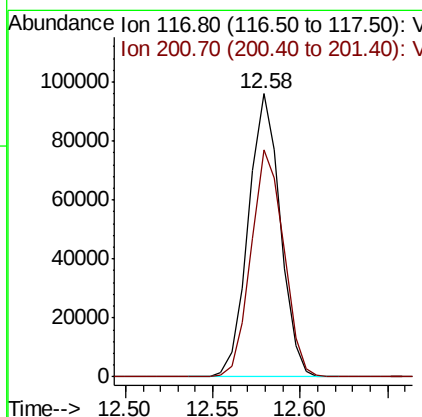
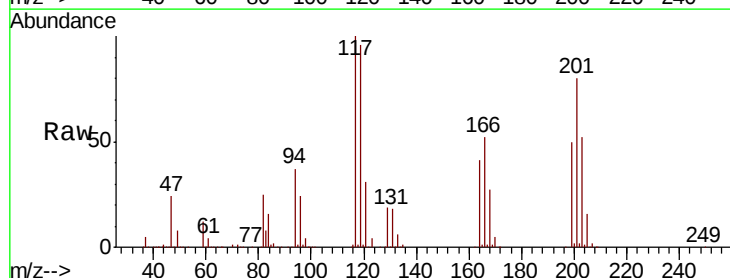
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

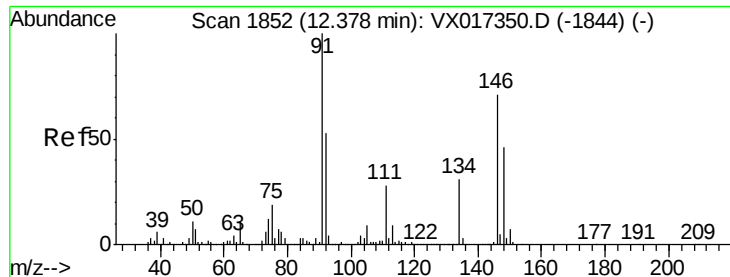
Tot Ion: 91 Resp: 551835
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 27.5 14.1 42.2



#90
Hexachloroethane
Concen: 48.640 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017382.D
Acq: 14 Jul 2020 16:27

Tgt Ion: 117 Resp: 121665
Ion Ratio Lower Upper
117 100
201 82.2 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 48.706 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

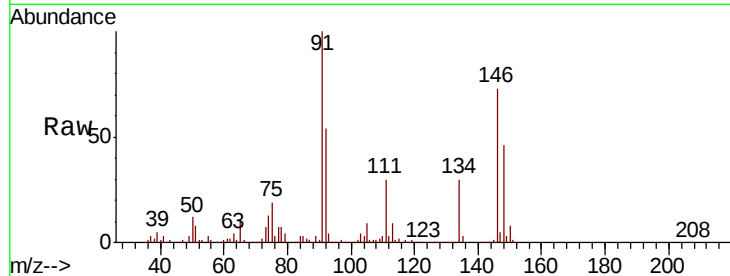
Tot Ion:146 Resp: 338017

Ion Ratio Lower Upper

146 100

111 40.3 20.3 61.0

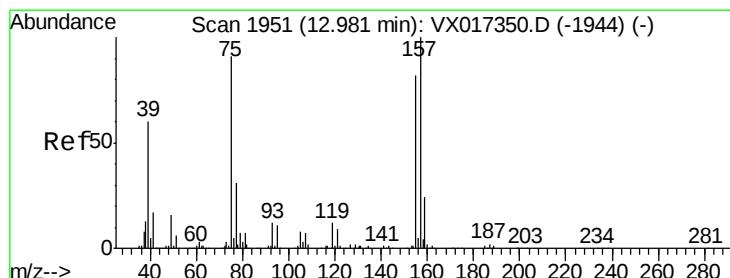
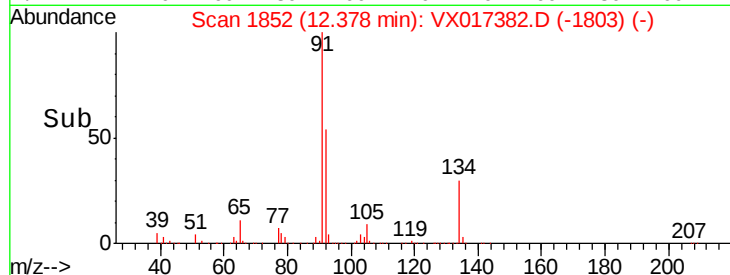
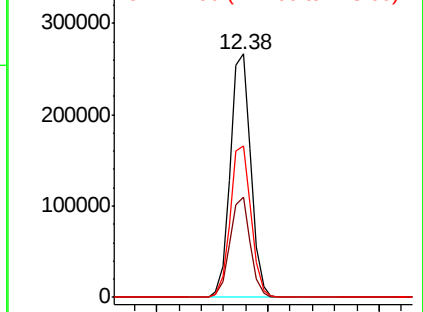
148 63.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.446 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

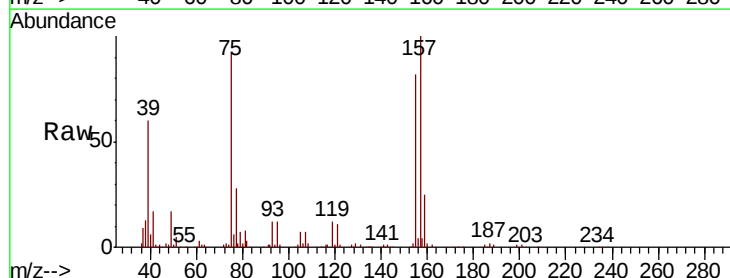
Tgt Ion: 75 Resp: 52773

Ion Ratio Lower Upper

75 100

155 91.3 46.5 139.3

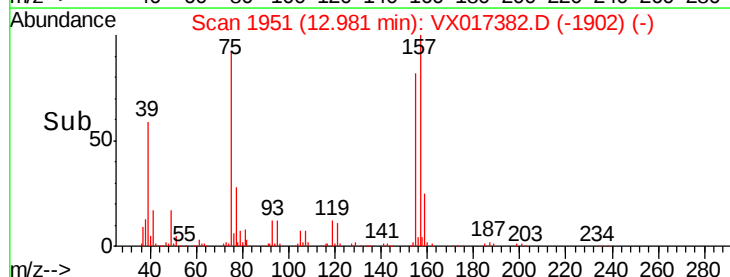
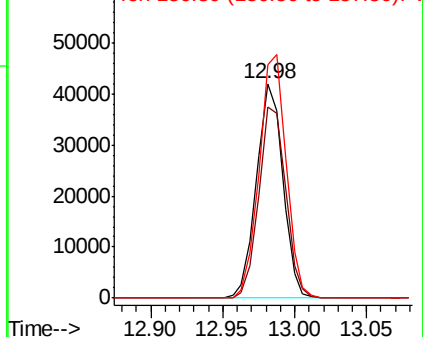
157 116.2 58.0 173.9

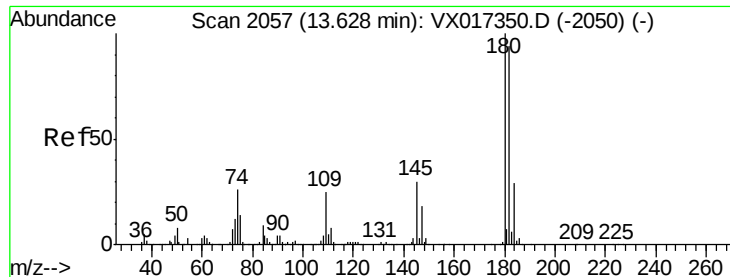


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

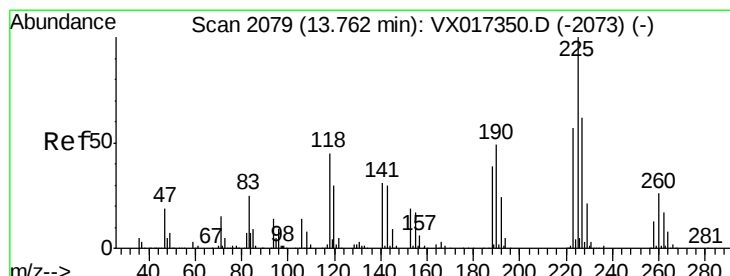
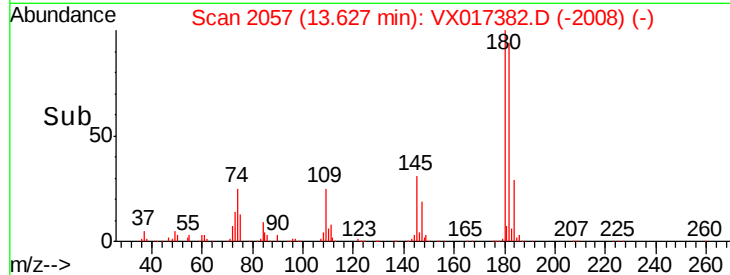
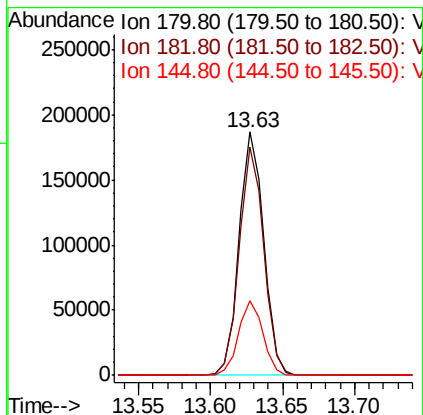
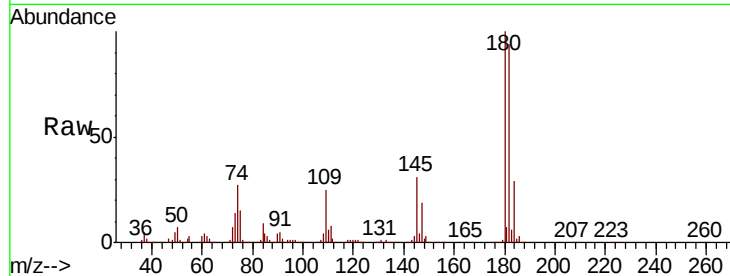




#93
 1,2,4-Trichlorobenzene
 Concen: 45.957 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

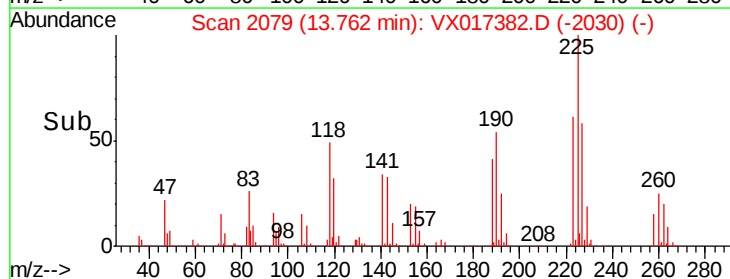
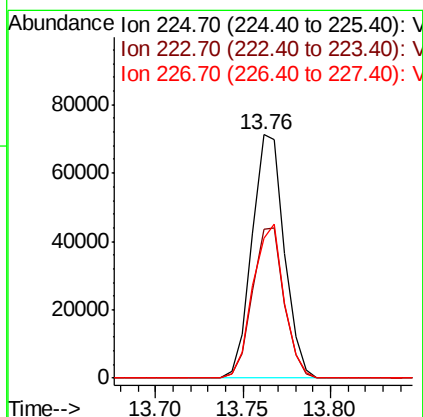
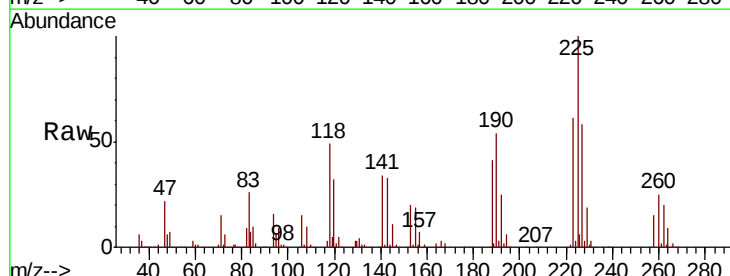
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

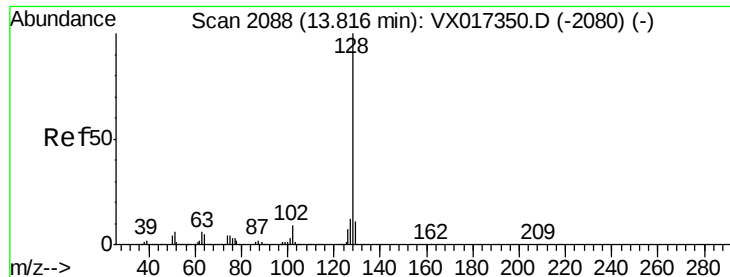
Tot Ion:180 Resp: 221398
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.4 145.0
 145 30.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 46.523 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017382.D
 Acq: 14 Jul 2020 16:27

Tgt Ion:225 Resp: 91400
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.3 93.8
 227 61.1 31.6 95.0





#95

Naphthalene

Concen: 50.935 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

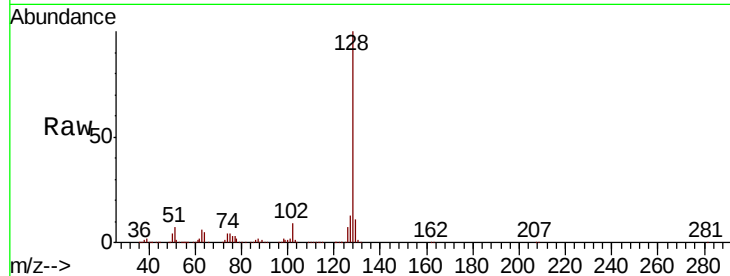
Tot Ion:128 Resp: 721472

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

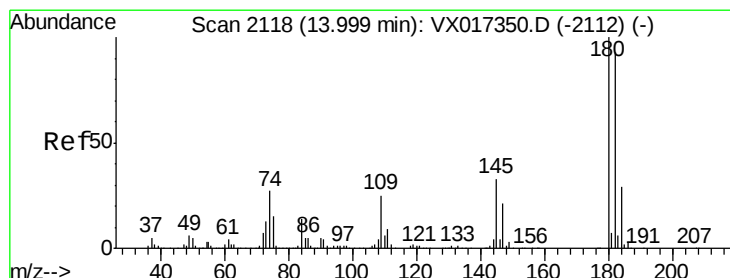
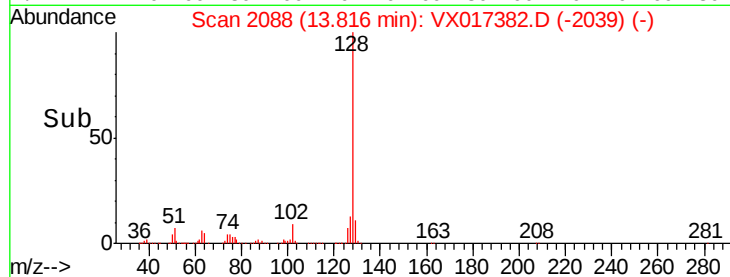
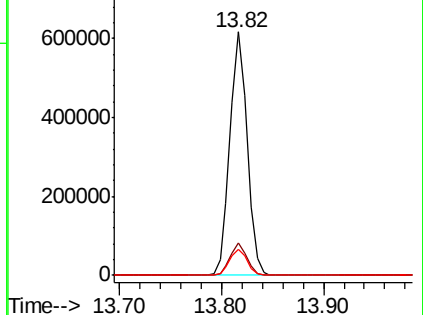
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.995 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017382.D

Acq: 14 Jul 2020 16:27

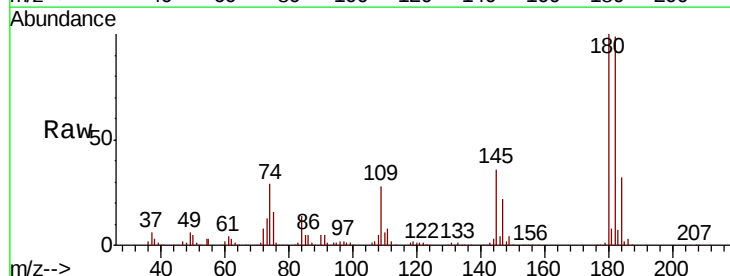
Tgt Ion:180 Resp: 218696

Ion Ratio Lower Upper

180 100

182 96.6 48.8 146.3

145 33.5 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

