

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017532.D
 Acq On : 24 Jul 2020 10:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 01:46:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	633357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	941759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	897820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	490555	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	371931	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
35) Dibromofluoromethane	5.46	113	288712	45.84	ug/l	-0.01
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	8.70	98	1050143	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
62) 4-Bromofluorobenzene	11.12	95	430497	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294698	50.155	ug/l	100
3) Chloromethane	1.31	50	322473	41.255	ug/l	100
4) Vinyl Chloride	1.39	62	322282	40.437	ug/l	98
5) Bromomethane	1.62	94	202328	47.051	ug/l	97
6) Chloroethane	1.70	64	197562	44.874	ug/l	99
7) Trichlorofluoromethane	1.91	101	522817	41.705	ug/l	100
8) Diethyl Ether	2.17	74	177972	43.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	280242	40.737	ug/l	99
10) Methyl Iodide	2.49	142	352239	40.023	ug/l	97
11) Tert butyl alcohol	3.01	59	381805	222.669	ug/l	100
12) 1,1-Dichloroethene	2.36	96	268373	41.024	ug/l	98
13) Acrolein	2.27	56	279387	214.020	ug/l	99
14) Allyl chloride	2.70	41	519272	43.471	ug/l	98
15) Acrylonitrile	3.11	53	828237	223.636	ug/l	99
16) Acetone	2.42	43	744160	207.818	ug/l	96
17) Carbon Disulfide	2.55	76	817952	41.136	ug/l	98
18) Methyl Acetate	2.75	43	363587	43.113	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	999149	44.127	ug/l	98
20) Methylene Chloride	2.83	84	317461	46.996	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	309137	44.111	ug/l	98
22) Diisopropyl ether	3.82	45	1012693	46.365	ug/l	96
23) Vinyl Acetate	3.78	43	4583334	235.351	ug/l	100
24) 1,1-Dichloroethane	3.67	63	560343	44.535	ug/l	99
25) 2-Butanone	4.64	43	1177832	231.540	ug/l	97
26) 2,2-Dichloropropane	4.55	77	535704	47.565	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	345886	45.439	ug/l	99
28) Bromochloromethane	4.98	49	255412	44.796	ug/l	99
29) Tetrahydrofuran	5.09	42	751891	238.621	ug/l	99
30) Chloroform	5.17	83	590003	45.893	ug/l	98
31) Cyclohexane	5.54	56	471823	47.025	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	555831	45.849	ug/l	98
36) 1,1-Dichloropropene	5.76	75	437170	48.401	ug/l	100
37) Ethyl Acetate	4.79	43	462624	46.811	ug/l	99
38) Carbon Tetrachloride	5.75	117	506466	46.175	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	504278	47.826	ug/l	99
40) Benzene	6.11	78	1233007	47.615	ug/l	99
41) Methacrylonitrile	5.00	41	257807	45.511	ug/l	99
42) 1,2-Dichloroethane	6.16	62	502989	47.479	ug/l	99
43) Isopropyl Acetate	6.41	43	767845	47.090	ug/l	100
44) Trichloroethene	7.19	130	371228	49.054	ug/l	100
45) 1,2-Dichloropropane	7.49	63	331770	46.217	ug/l	100
46) Dibromomethane	7.63	93	233132	45.954	ug/l	98
47) Bromodichloromethane	7.87	83	487763	47.783	ug/l	98
48) Methyl methacrylate	7.74	41	386670	47.839	ug/l	100
49) 1,4-Dioxane	7.71	88	163846	1057.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2366382	243.226	ug/l	99
52) Toluene	8.76	92	794335	47.831	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	543456	47.559	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	565847	48.548	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	329896	47.686	ug/l	99
56) Ethyl methacrylate	9.16	69	517318	49.634	ug/l	99
57) 1,3-Dichloropropane	9.35	76	547649	48.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1316299	239.713	ug/l	100
59) 2-Hexanone	9.47	43	1846517	252.086	ug/l	100
60) Dibromochloromethane	9.57	129	417511	47.482	ug/l	100
61) 1,2-Dibromoethane	9.65	107	359208	48.770	ug/l	98
64) Tetrachloroethene	9.32	164	375788	46.634	ug/l	97
65) Chlorobenzene	10.12	112	898322	46.225	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	362729	46.248	ug/l	98
67) Ethyl Benzene	10.23	91	1573254	48.498	ug/l	97
68) m/p-Xylenes	10.34	106	1205806	95.950	ug/l	98
69) o-Xylene	10.68	106	575767	47.636	ug/l	100
70) Styrene	10.70	104	1021151	49.656	ug/l	98
71) Bromoform	10.84	173	326316	48.022	ug/l #	99
73) Isopropylbenzene	11.00	105	1590080	47.249	ug/l	99
74) N-amyl acetate	10.88	43	715294	47.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	473533	45.080	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	608122	60.264	ug/l	82
77) Bromobenzene	11.24	156	430010	45.643	ug/l	99
78) n-propylbenzene	11.34	91	1818147	47.902	ug/l	99
79) 2-Chlorotoluene	11.40	91	1101984	46.870	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1393223	48.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	188179	46.990	ug/l	98
82) 4-Chlorotoluene	11.49	91	1310266	47.243	ug/l	100
83) tert-Butylbenzene	11.76	119	1340318	48.750	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1414737	49.503	ug/l	99
85) sec-Butylbenzene	11.93	105	1560088	48.710	ug/l	100
86) p-Isopropyltoluene	12.05	119	1510396	49.521	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	765937	47.343	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	771324	46.027	ug/l	99
89) n-Butylbenzene	12.37	91	1321107	48.610	ug/l	99
90) Hexachloroethane	12.58	117	271781	45.198	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	718724	45.201	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	122832	41.795	ug/l	100

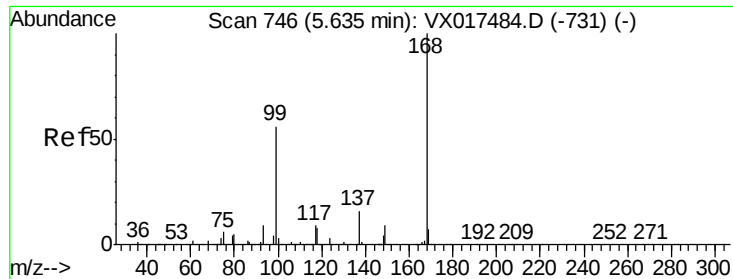
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
Data File : VX017532.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	513733	47.340	ug/l	99
94) Hexachlorobutadiene	13.77	225	234419	46.927	ug/l	99
95) Naphthalene	13.82	128	1580544	48.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	500064	46.669	ug/l	97

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

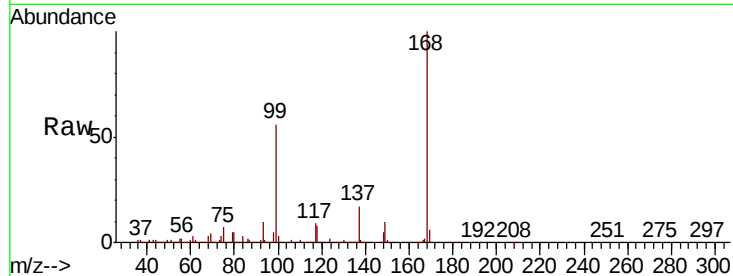


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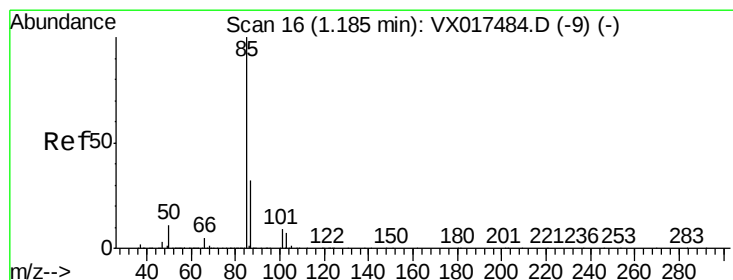
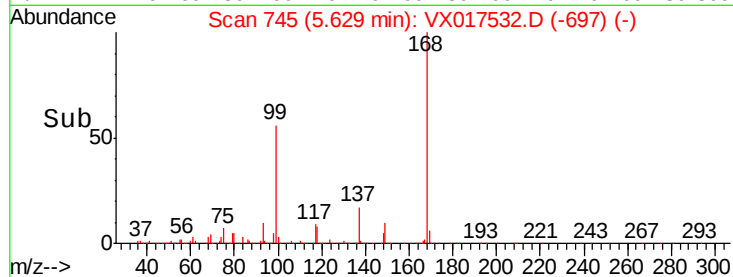
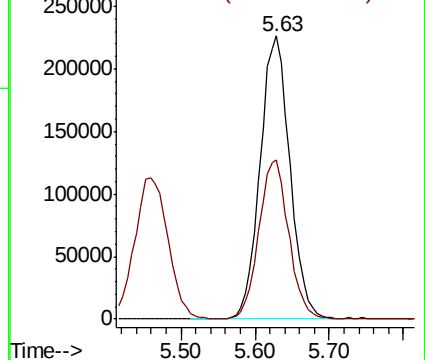
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
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 VSTDCCC050

Tot Ion:168 Resp: 633357
 Ion Ratio Lower Upper
 168 100
 99 56.1 43.4 65.2



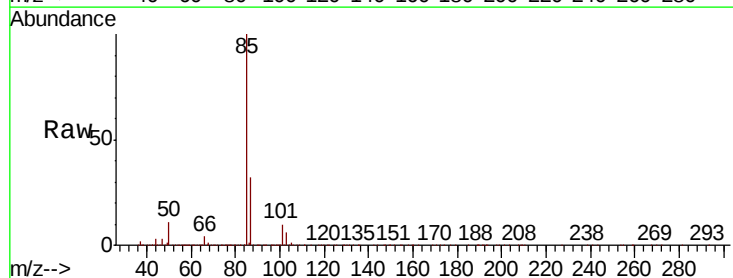
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



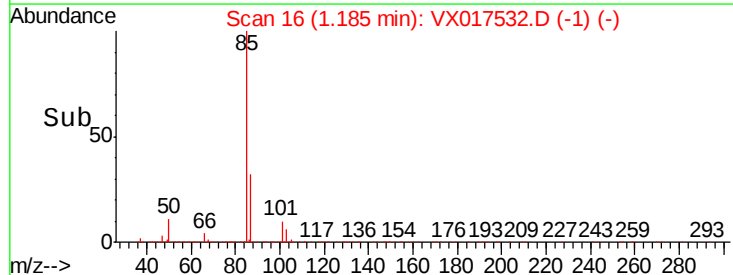
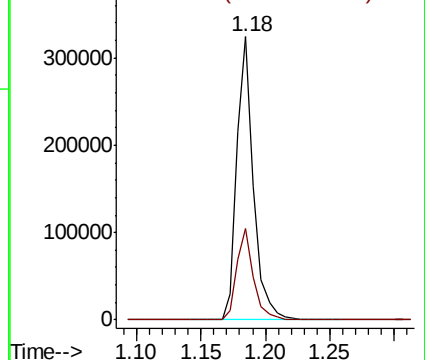
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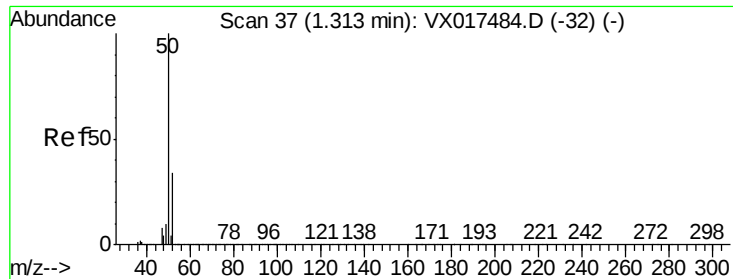
Dichlorodifluoromethane
 Concen: 50.155 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion: 85 Resp: 294698
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

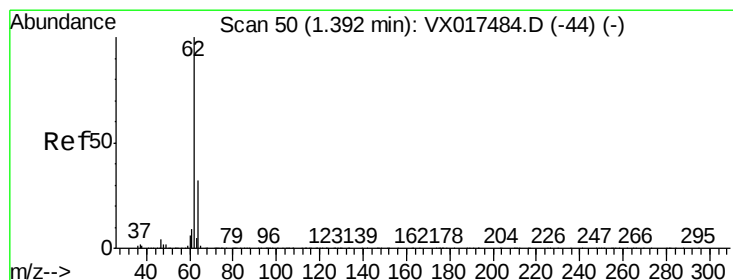
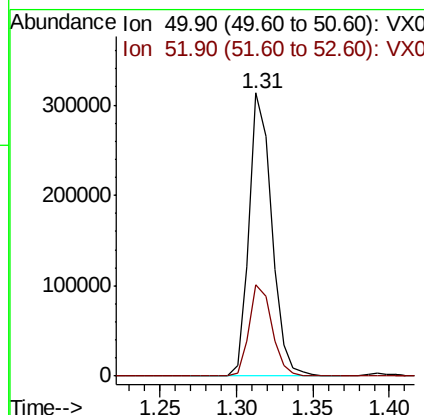
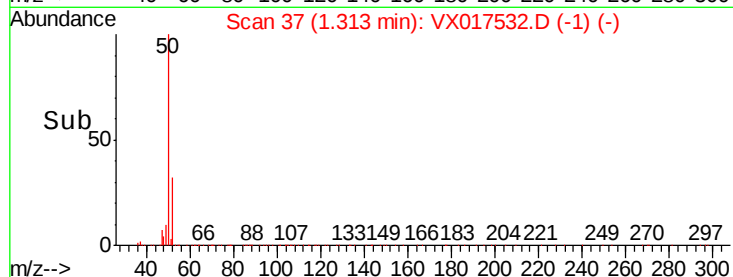
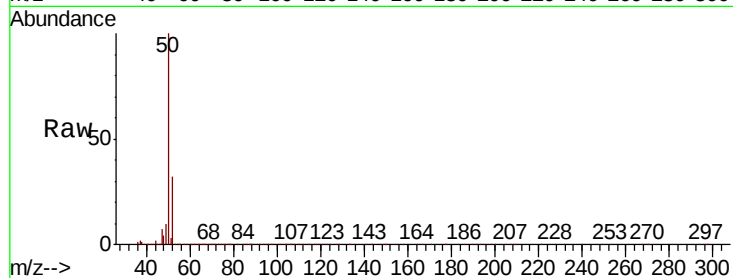




#3
Chloromethane
Concen: 41.255 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

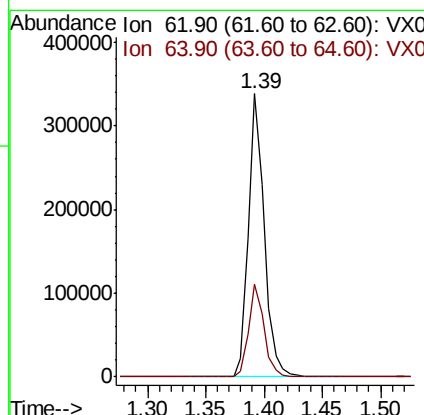
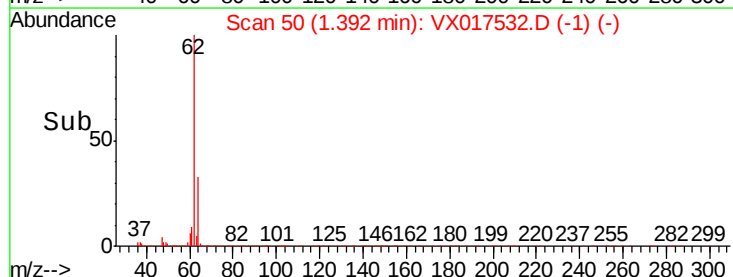
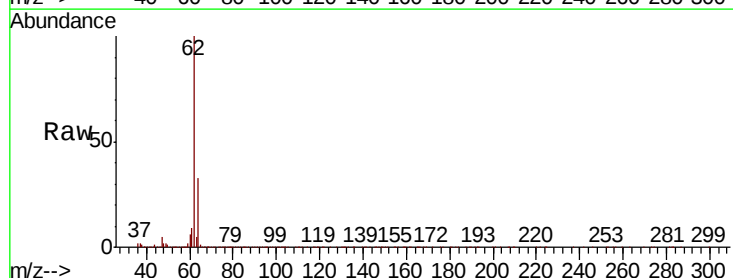
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

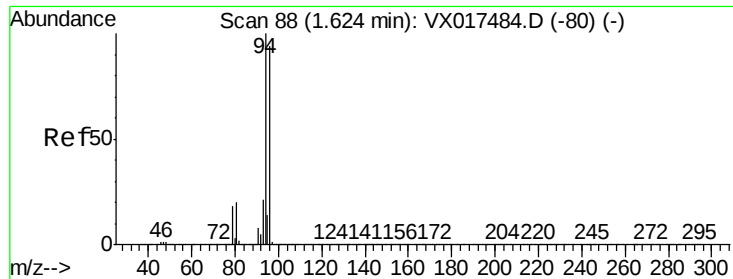
Tot Ion: 50 Resp: 322473
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 40.437 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 62 Resp: 322282
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5

Bromomethane

Concen: 47.051 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

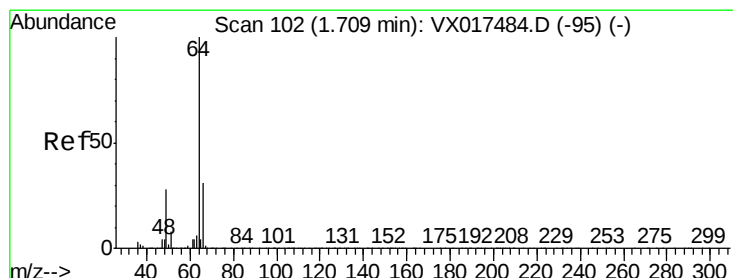
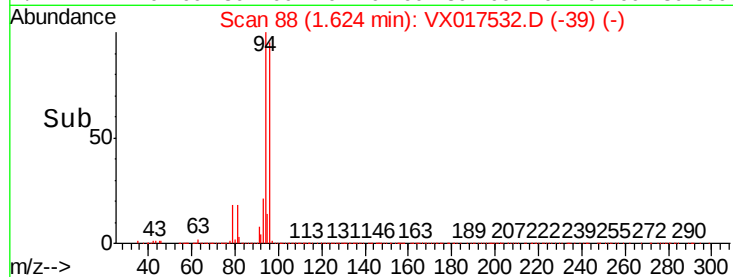
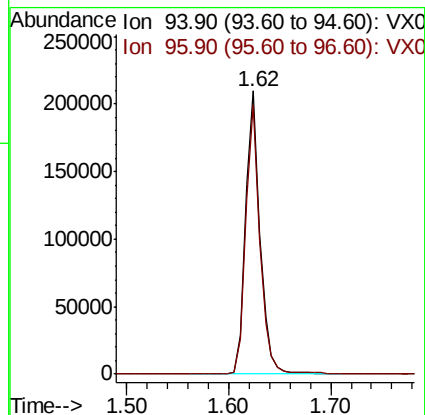
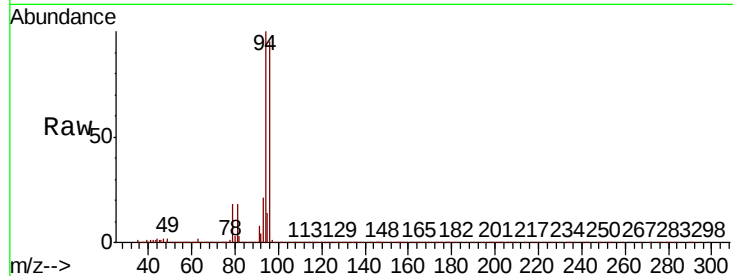
VSTDCCC050

Tot Ion: 94 Resp: 202328

Ion Ratio Lower Upper

94 100

96 95.0 74.1 111.1



#6

Chloroethane

Concen: 44.874 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017532.D

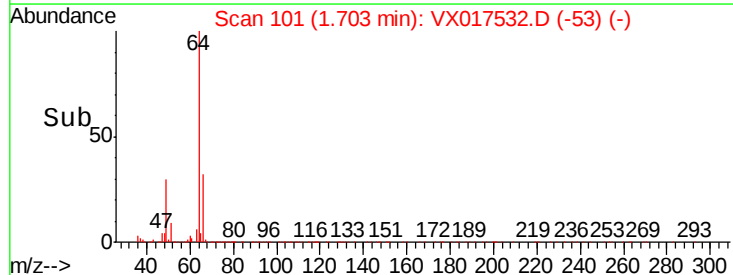
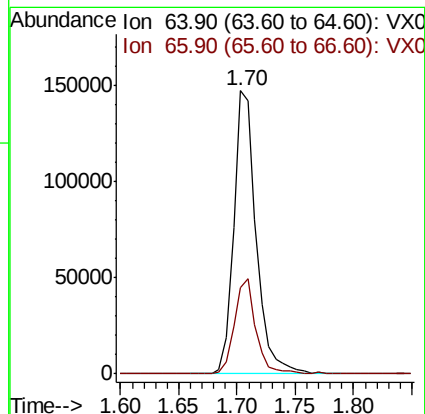
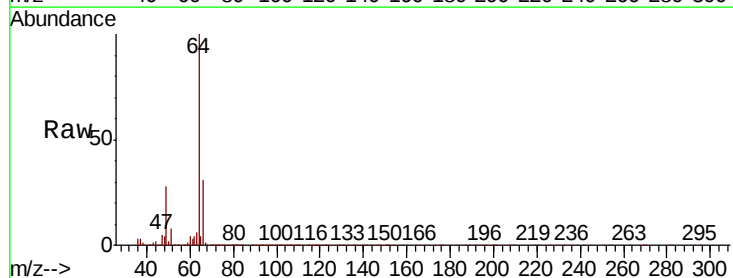
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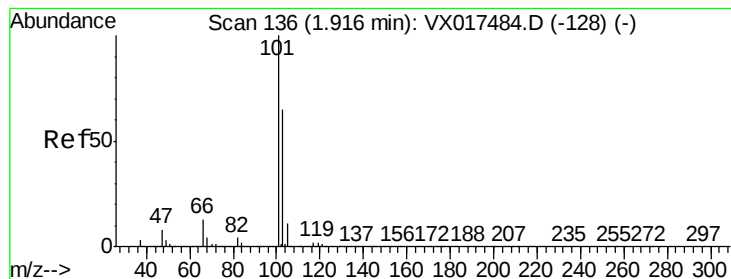
Tgt Ion: 64 Resp: 197562

Ion Ratio Lower Upper

64 100

66 30.3 24.9 37.3



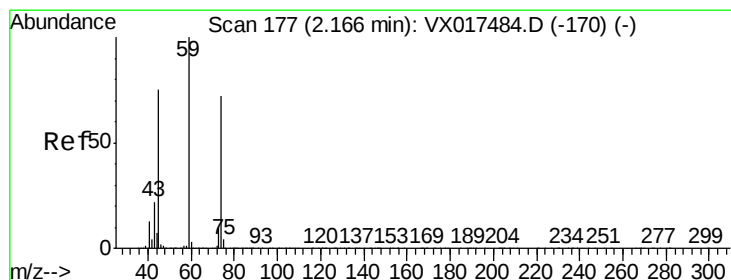
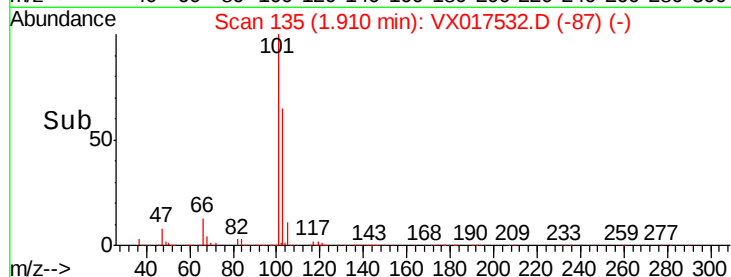
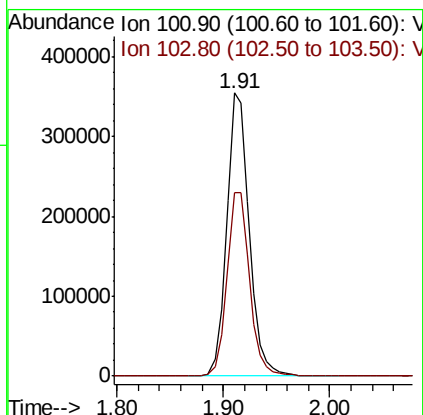
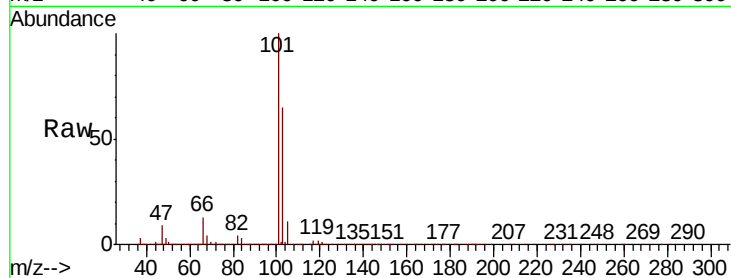


#7

Trichlorofluoromethane
 Concen: 41.705 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

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 VSTDCCC050

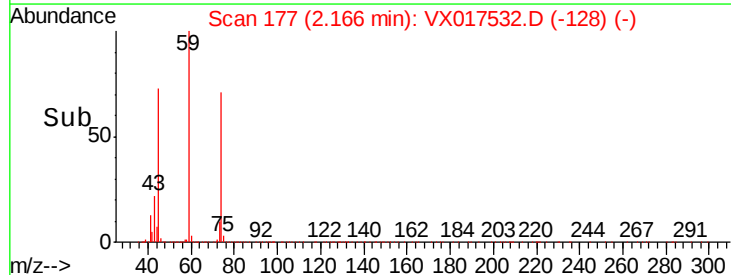
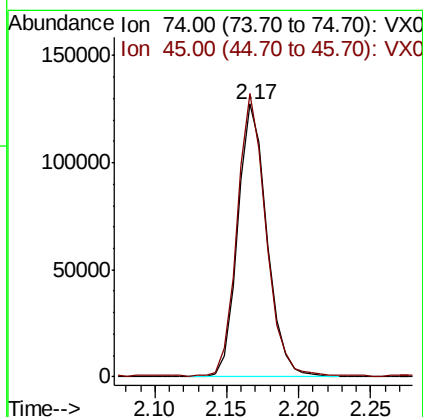
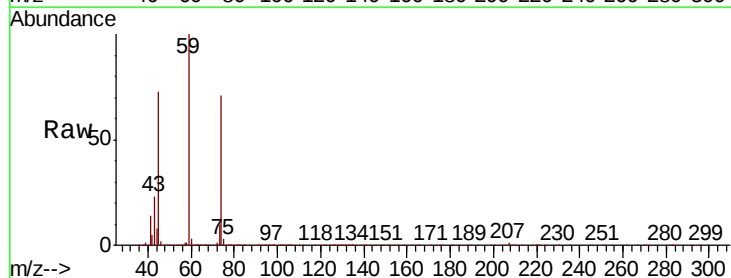
Tot Ion:101 Resp: 522817
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.8

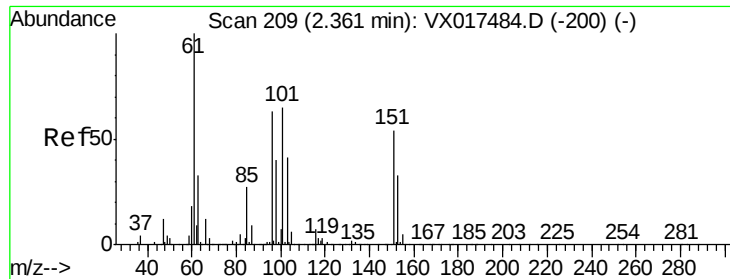


#8

Diethyl Ether
 Concen: 43.616 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion: 74 Resp: 177972
 Ion Ratio Lower Upper
 74 100
 45 102.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.737 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

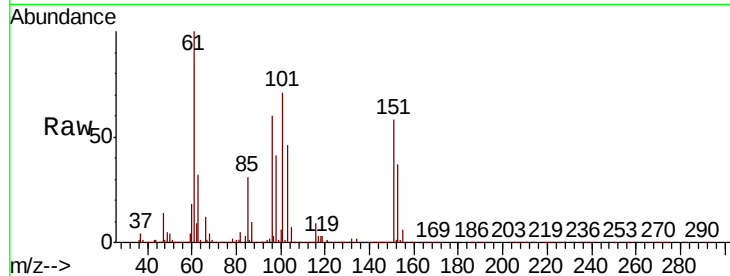
Tot Ion:101 Resp: 280242

Ion Ratio Lower Upper

101 100

85 44.0 34.8 52.2

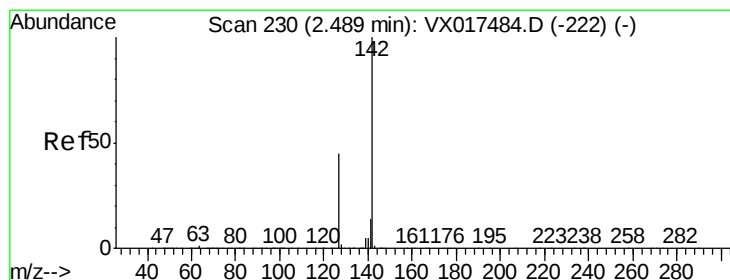
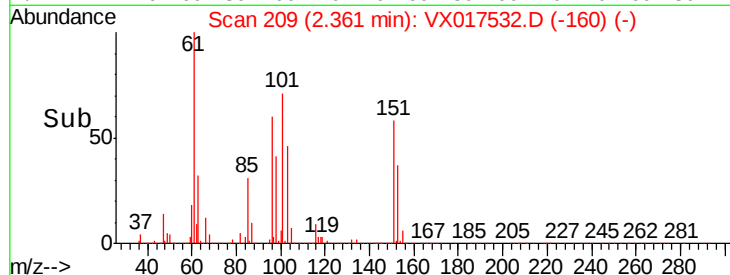
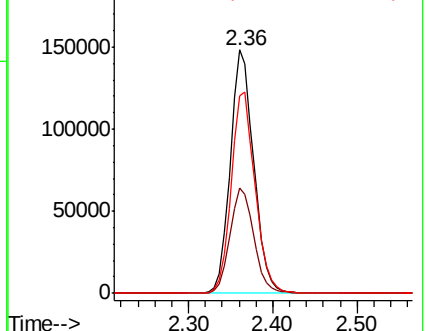
151 83.6 68.0 102.0



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: 40.023 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

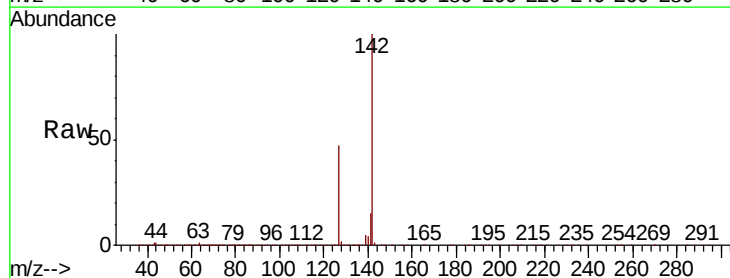
Tgt Ion:142 Resp: 352239

Ion Ratio Lower Upper

142 100

127 47.6 35.9 53.9

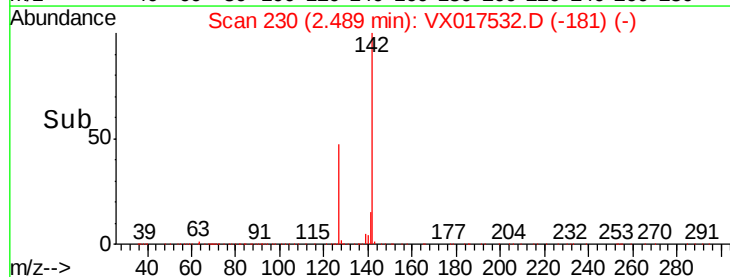
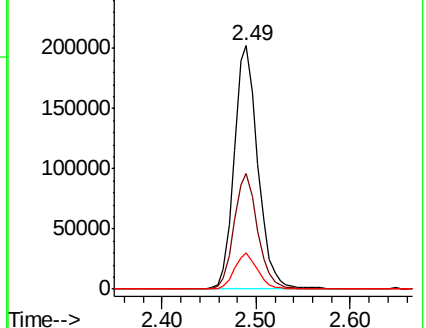
141 14.6 11.4 17.0

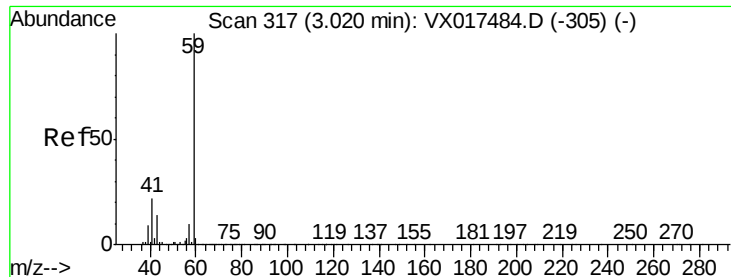


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



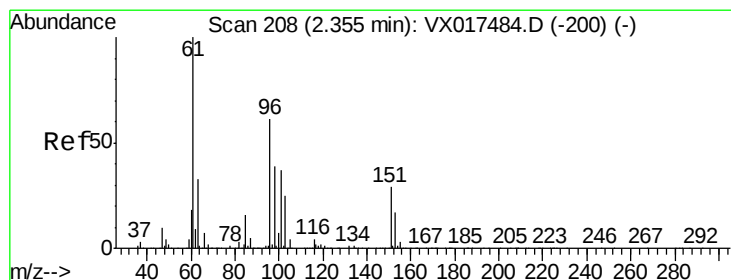
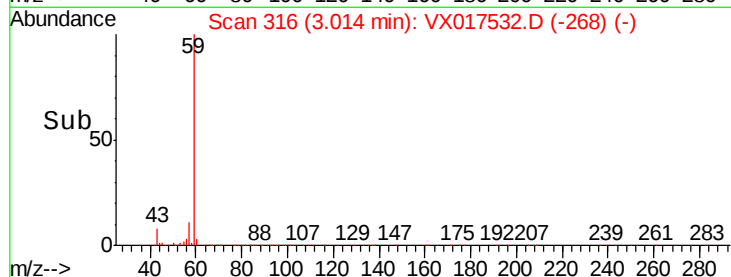
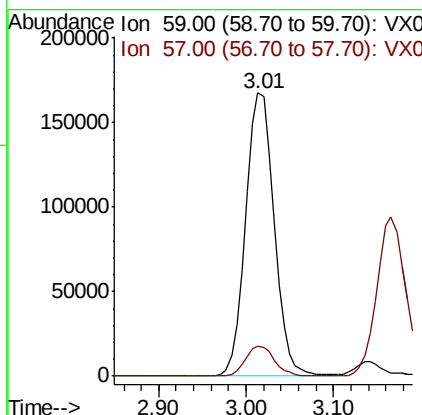
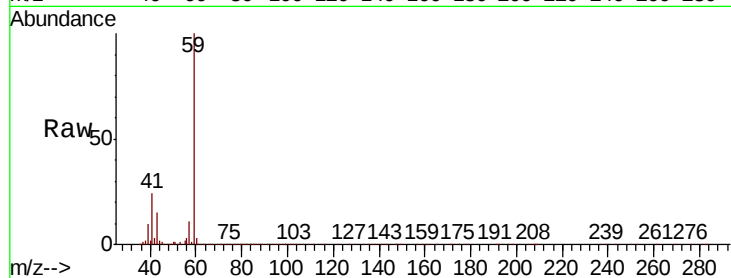


#11

Tert butyl alcohol
Concen: 222.669 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

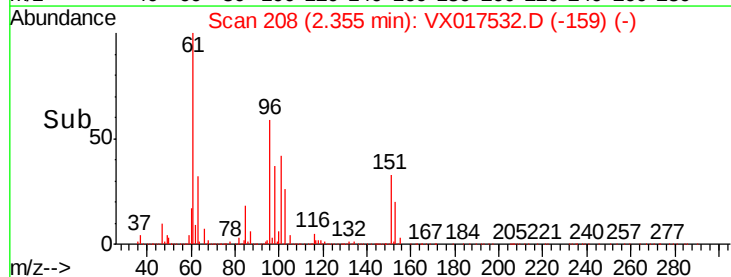
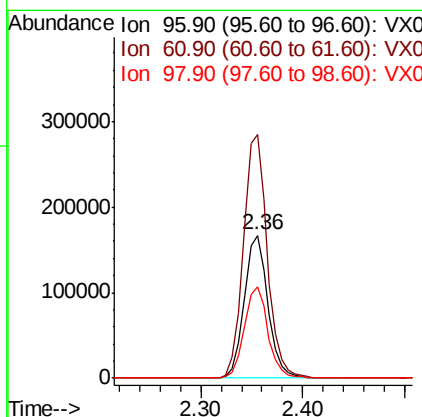
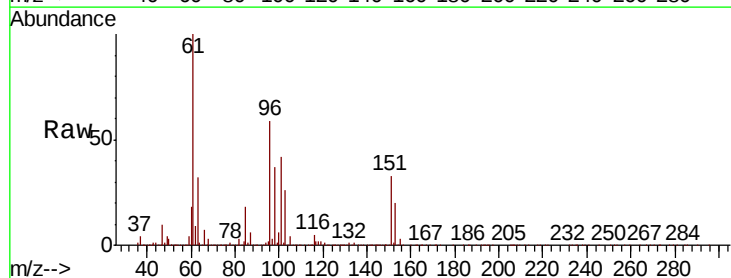
Tot Ion: 59 Resp: 381805
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

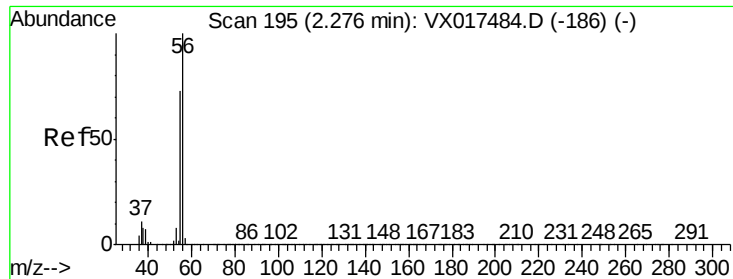


#12

1,1-Dichloroethene
Concen: 41.024 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 96 Resp: 268373
Ion Ratio Lower Upper
96 100
61 170.6 134.0 201.0
98 63.7 51.0 76.4

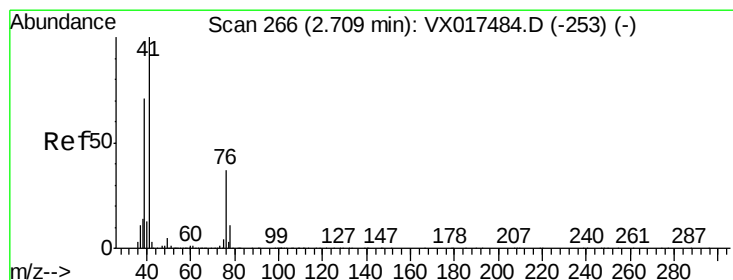
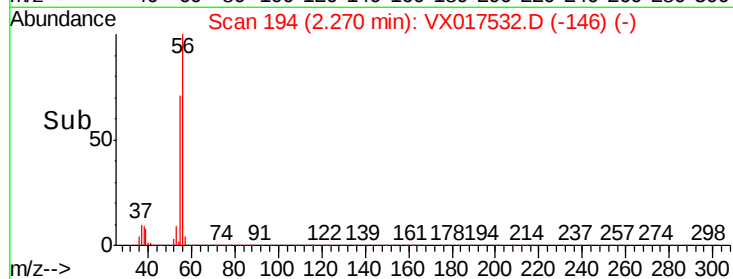
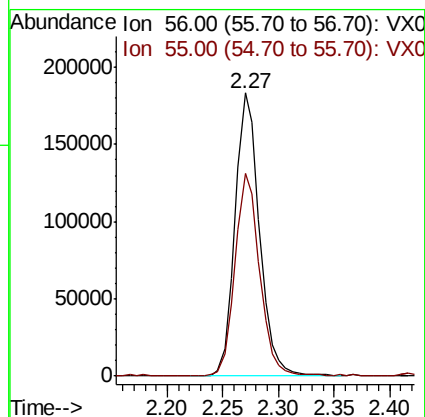
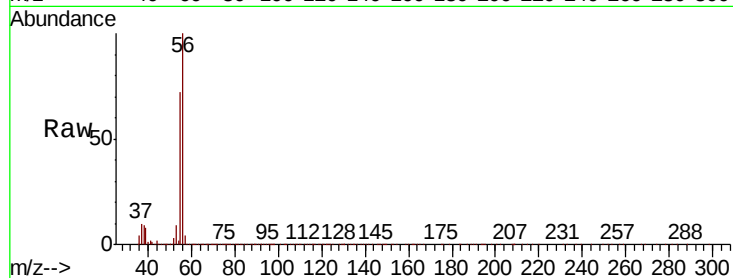




#13
Acrolein
Concen: 214.020 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

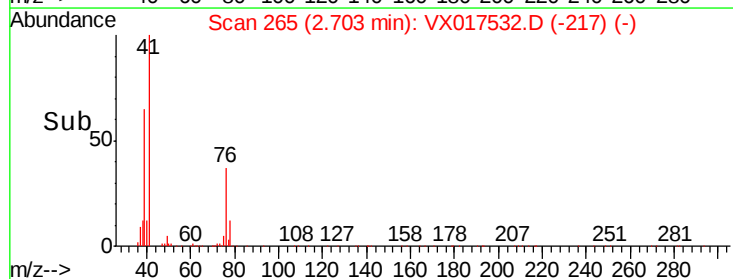
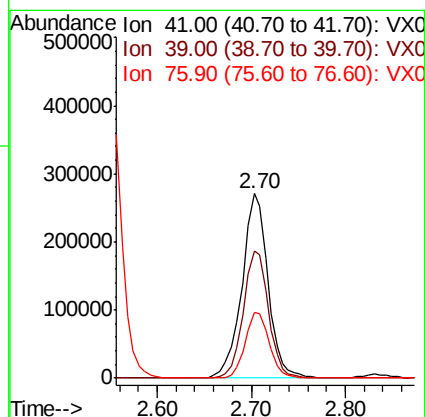
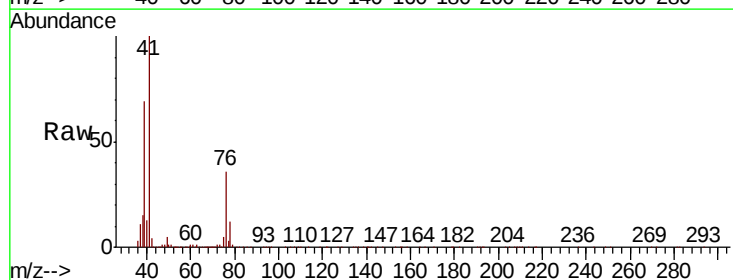
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

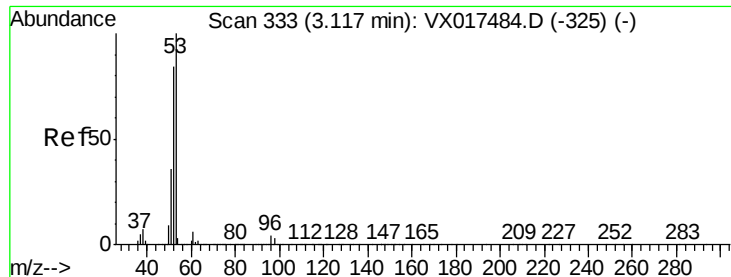
Tot Ion: 56 Resp: 279387
Ion Ratio Lower Upper
56 100
55 71.3 57.4 86.2



#14
Allyl chloride
Concen: 43.471 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 41 Resp: 519272
Ion Ratio Lower Upper
41 100
39 66.7 51.9 77.9
76 32.7 25.5 38.3





#15

Acrylonitrile

Concen: 223.636 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

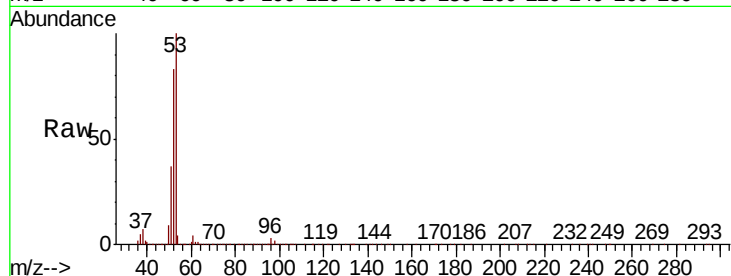
Tot Ion: 53 Resp: 828237

Ion Ratio Lower Upper

53 100

52 82.3 66.6 99.8

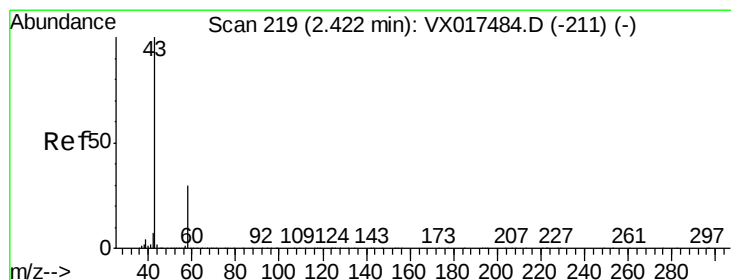
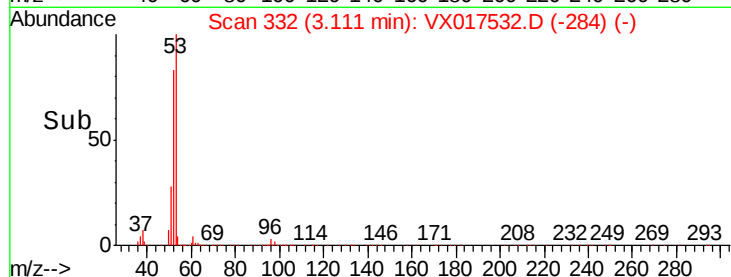
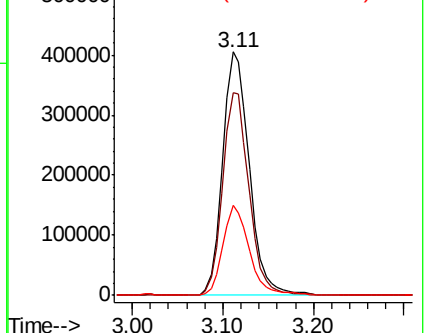
51 36.4 29.4 44.2



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: 207.818 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017532.D

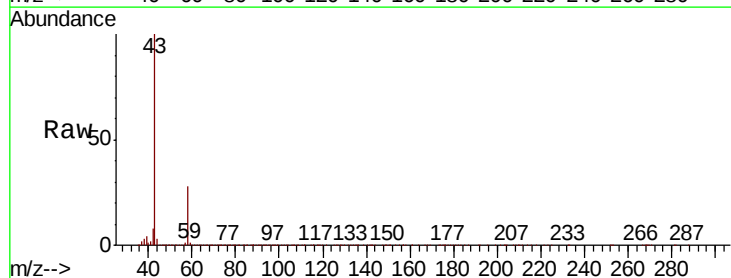
Acq: 24 Jul 2020 10:44

Tgt Ion: 43 Resp: 744160

Ion Ratio Lower Upper

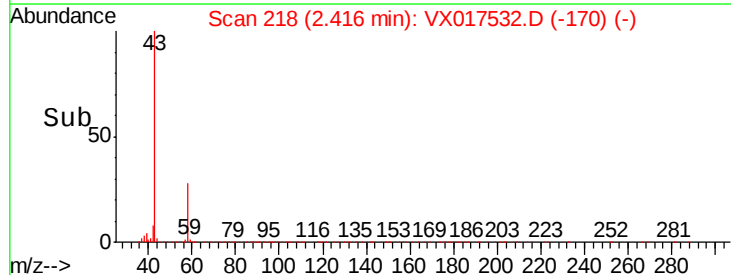
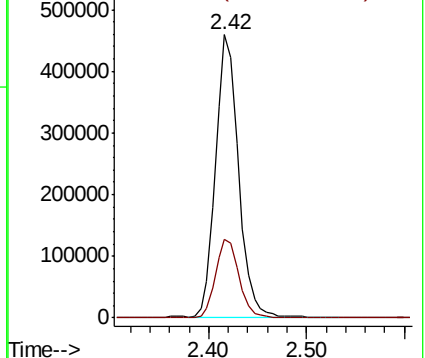
43 100

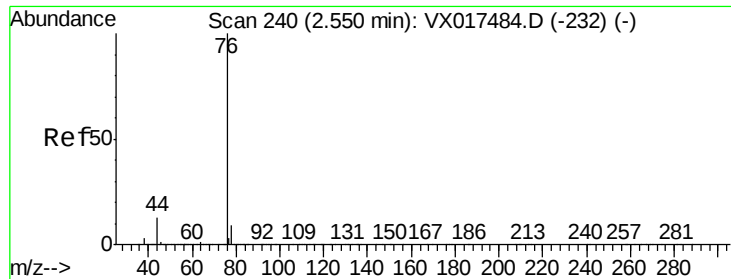
58 27.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.136 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

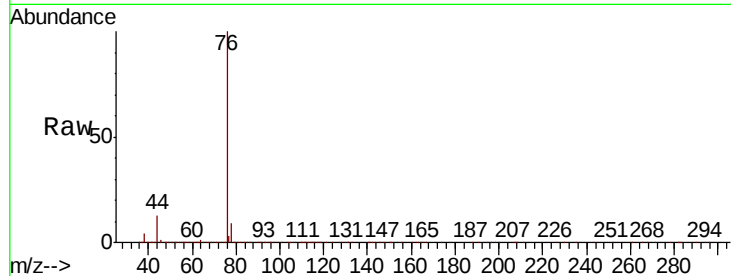
VSTDCCC050

Tot Ion: 76 Resp: 817952

Ion Ratio Lower Upper

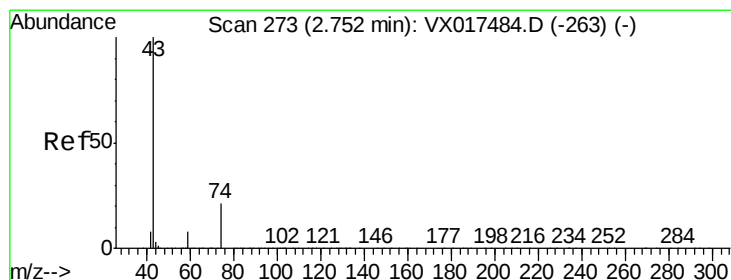
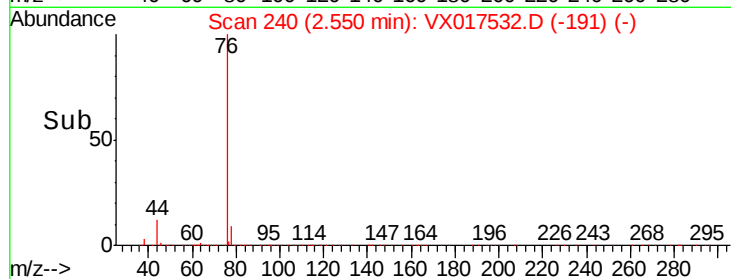
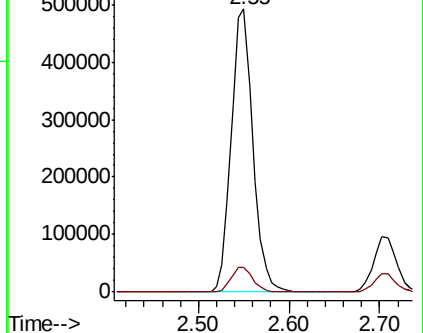
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.113 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017532.D

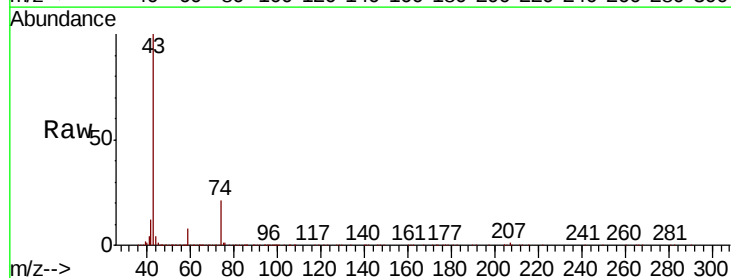
Acq: 24 Jul 2020 10:44

Tgt Ion: 43 Resp: 363587

Ion Ratio Lower Upper

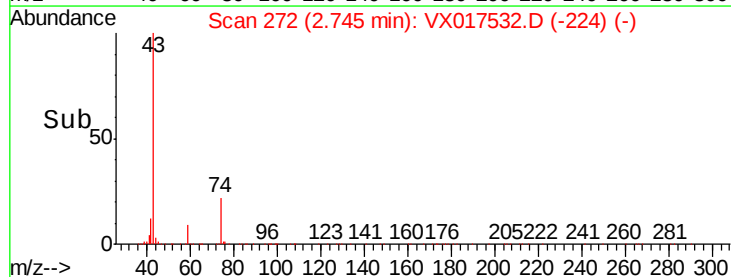
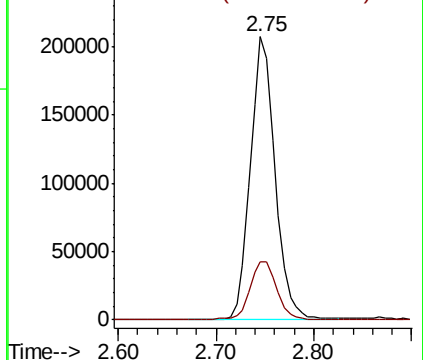
43 100

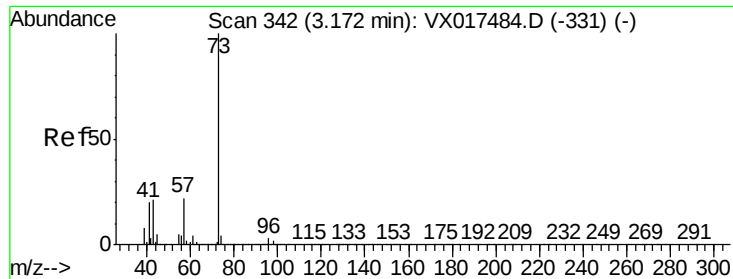
74 22.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

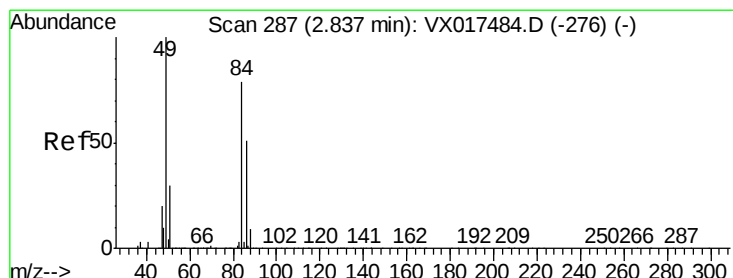
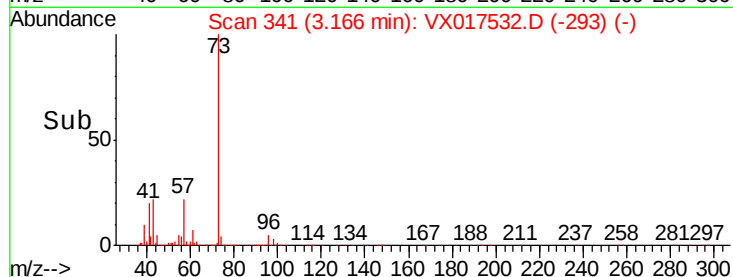
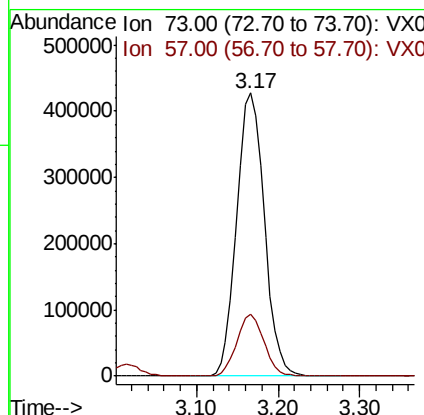
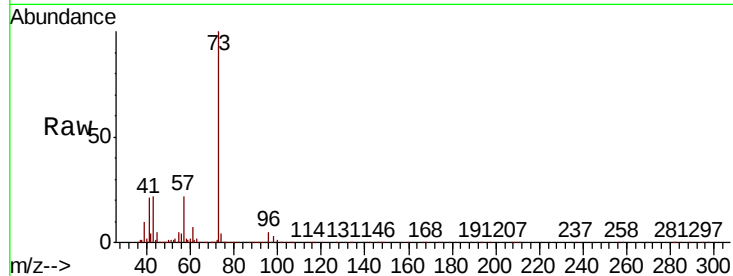




#19
Methyl tert-butyl Ether
Concen: 44.127 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

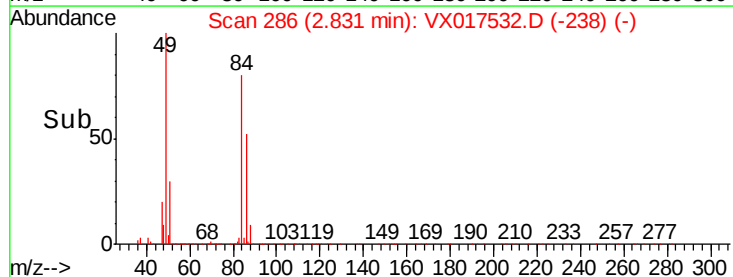
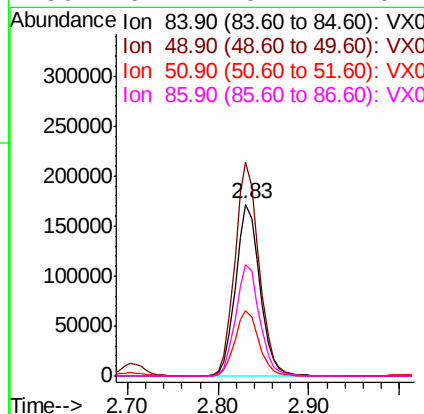
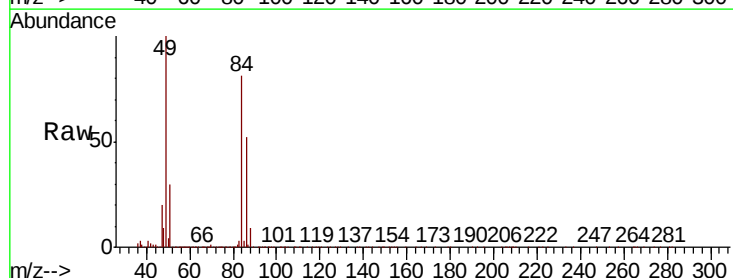
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

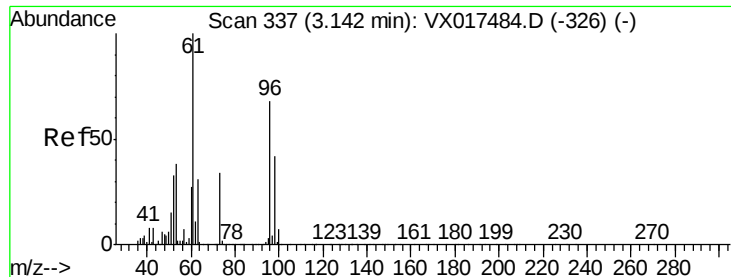
Tot Ion: 73 Resp: 999149
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.4



#20
Methylene Chloride
Concen: 46.996 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 84 Resp: 317461
Ion Ratio Lower Upper
84 100
49 124.1 100.3 150.5
51 37.6 30.5 45.7
86 64.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.111 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

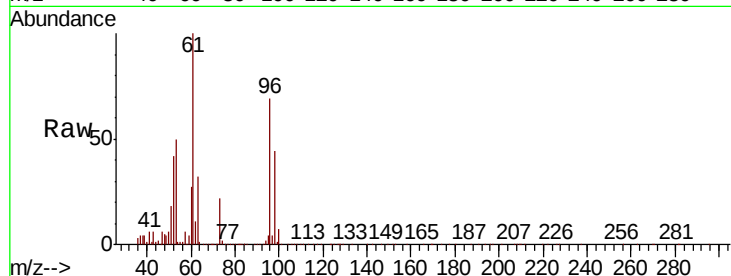
Tot Ion: 96 Resp: 309137

Ion Ratio Lower Upper

96 100

61 144.7 113.0 169.4

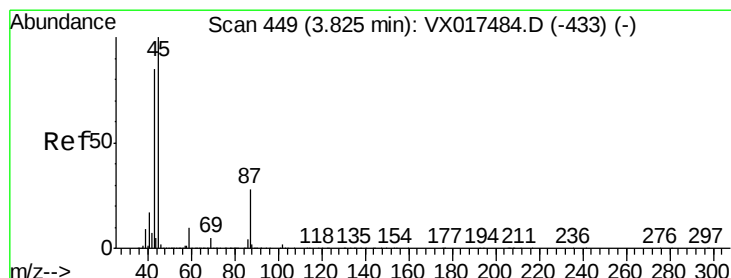
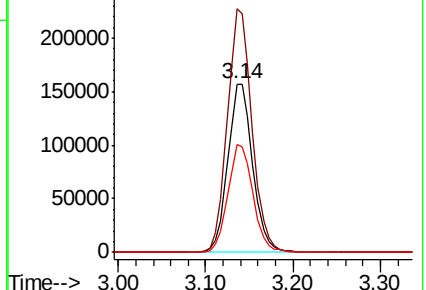
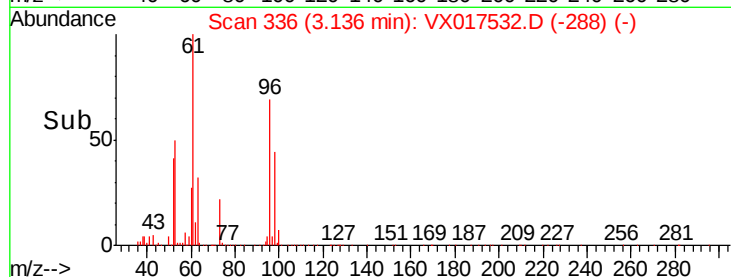
98 64.0 51.8 77.8



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: 46.365 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion: 45 Resp: 1012693

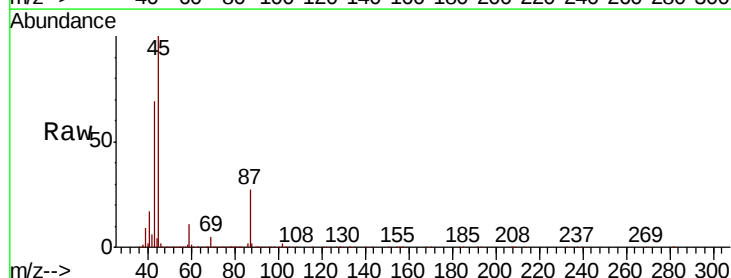
Ion Ratio Lower Upper

45 100

43 69.2 52.0 78.0

87 27.3 22.2 33.4

59 10.9 8.9 13.3

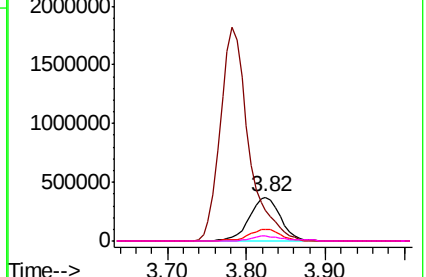
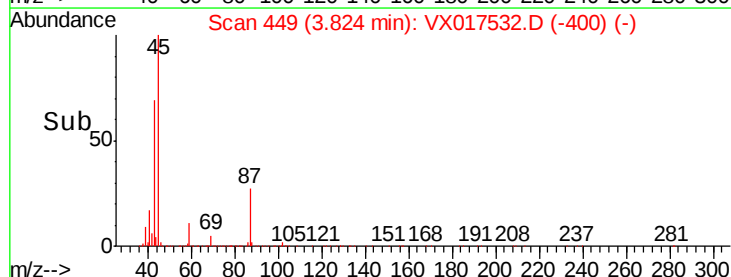


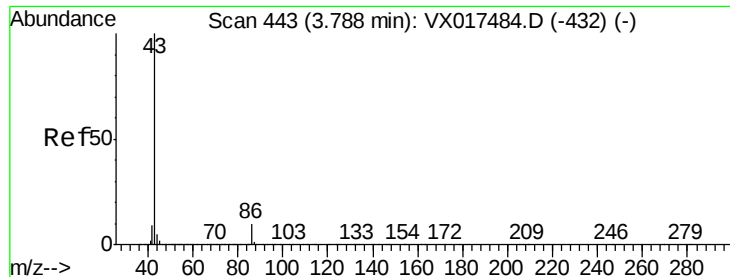
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 235.351 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

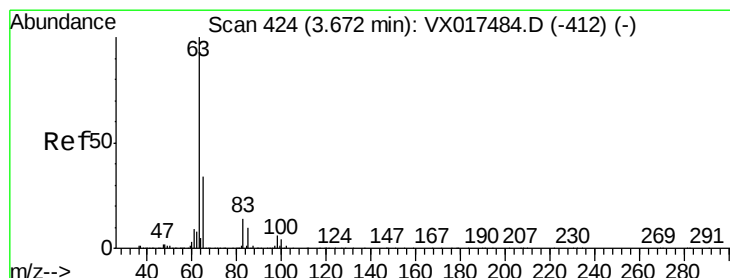
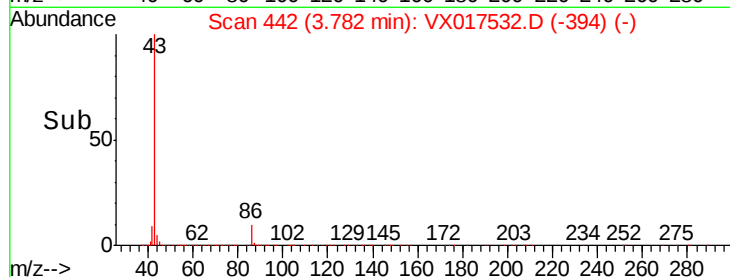
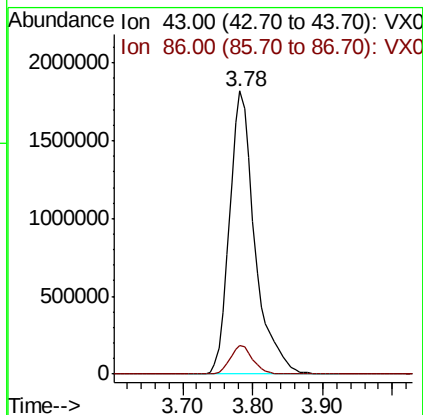
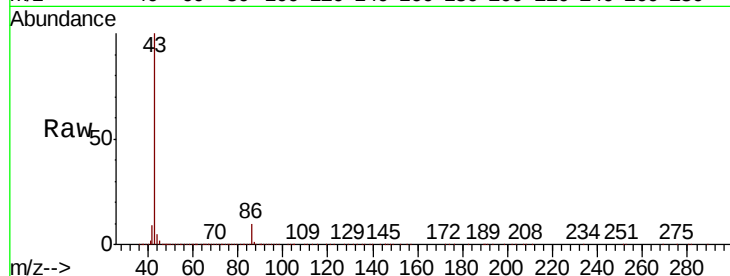
VSTDCCC050

Tot Ion: 43 Resp: 4583334

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 44.535 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

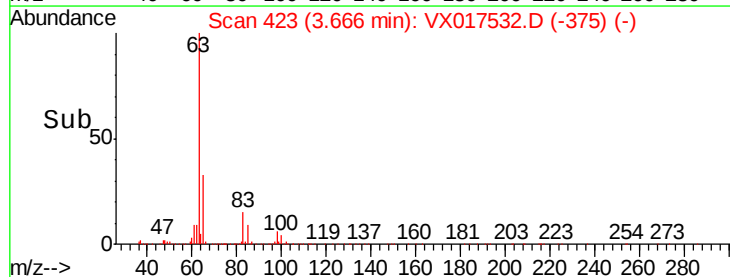
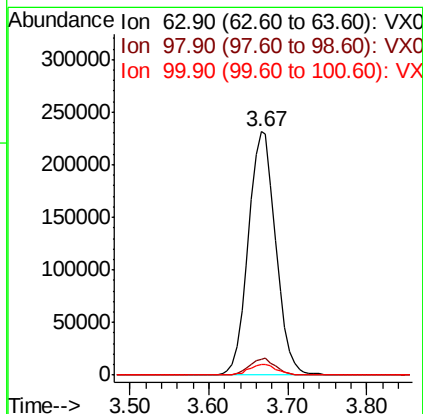
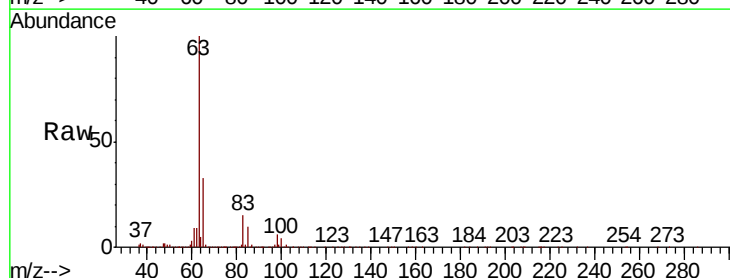
Tgt Ion: 63 Resp: 560343

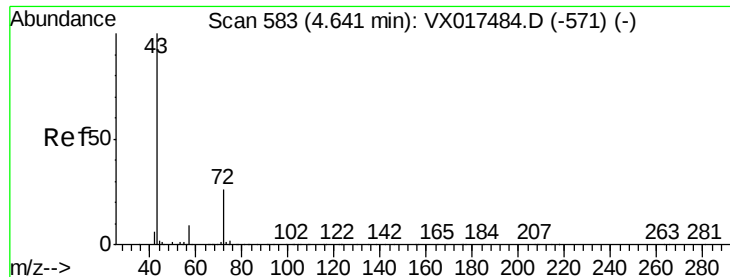
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.4 1.9 5.7

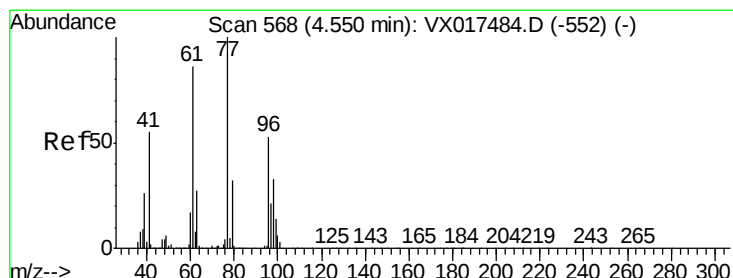
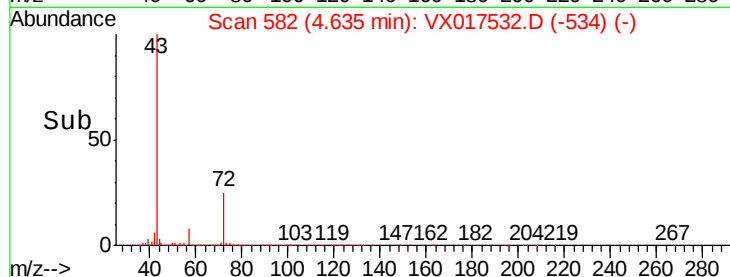
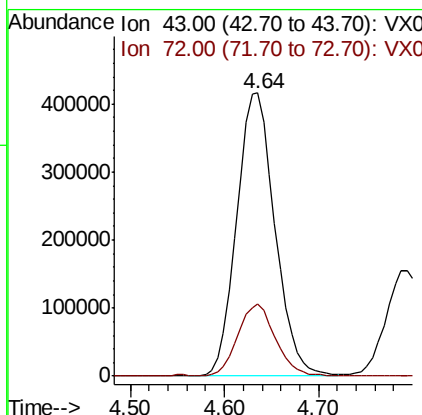
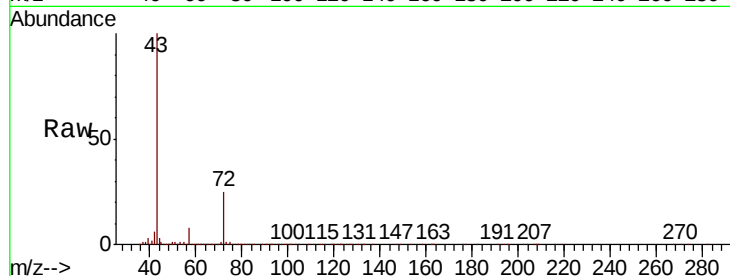




#25
2-Butanone
Concen: 231.540 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

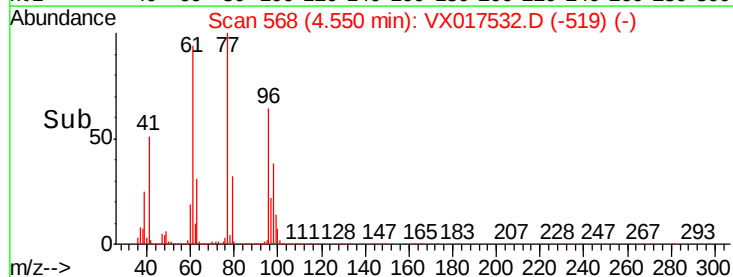
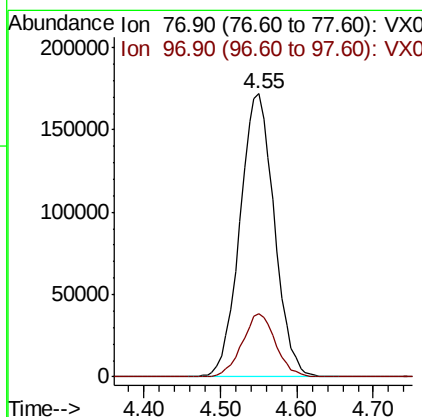
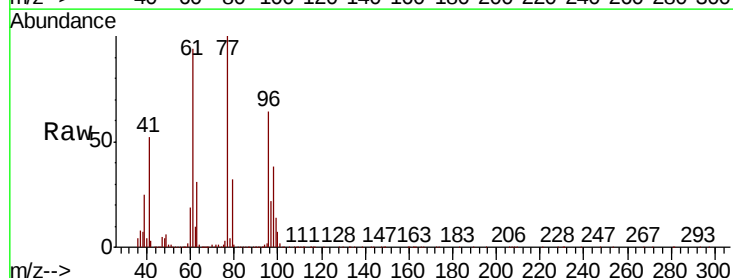
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

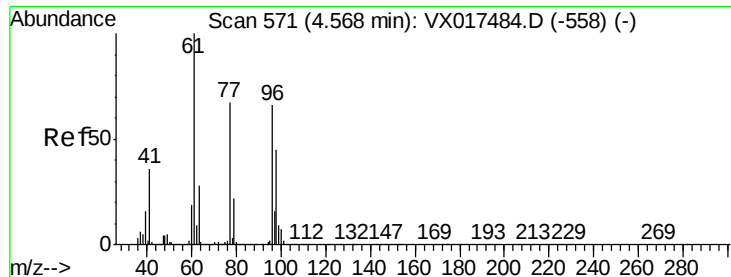
Tot Ion: 43 Resp: 1177832
Ion Ratio Lower Upper
43 100
72 25.4 19.0 28.4



#26
2,2-Dichloropropane
Concen: 47.565 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 77 Resp: 535704
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9



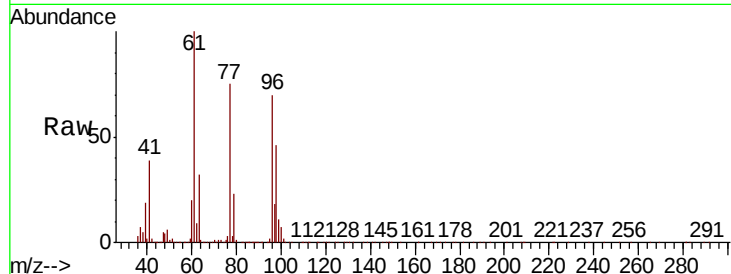


#27

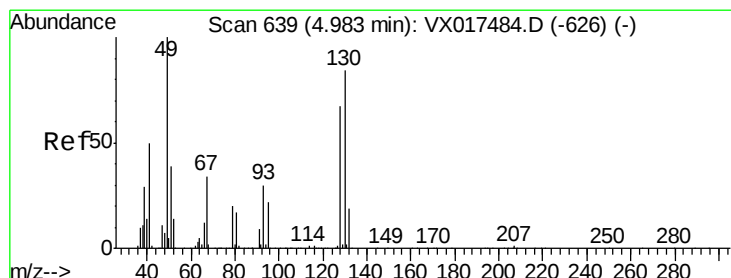
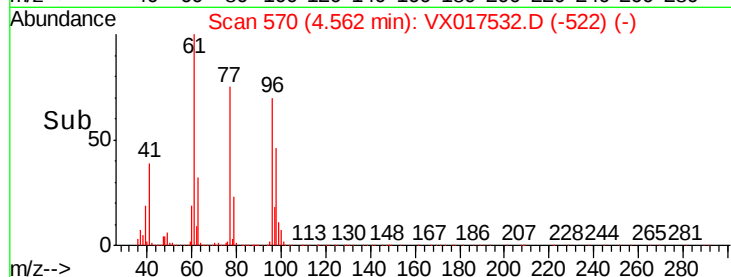
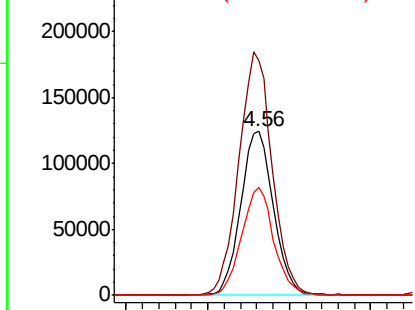
cis-1,2-Dichloroethene
Concen: 45.439 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	301.2
98	64.8	0.0	130.0



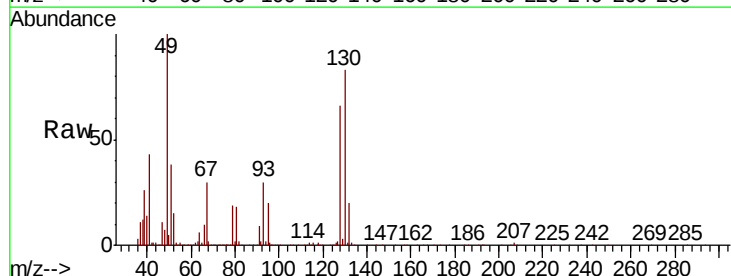
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



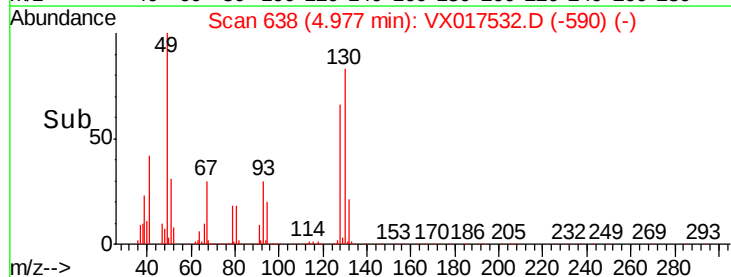
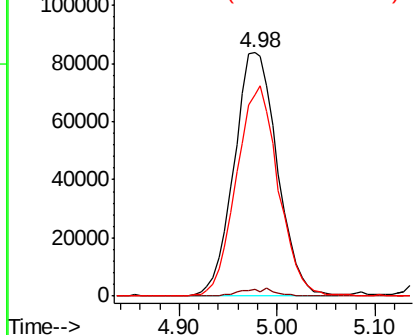
#28

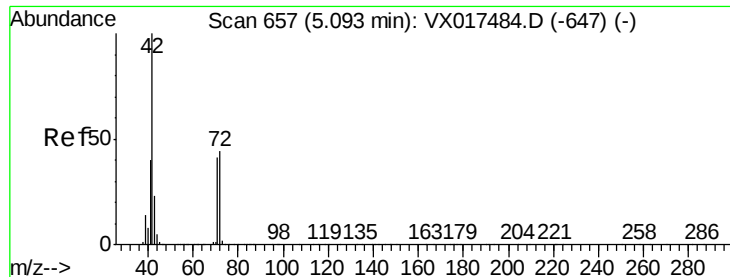
Bromochloromethane
Concen: 44.796 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	84.2	66.7	100.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.621 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

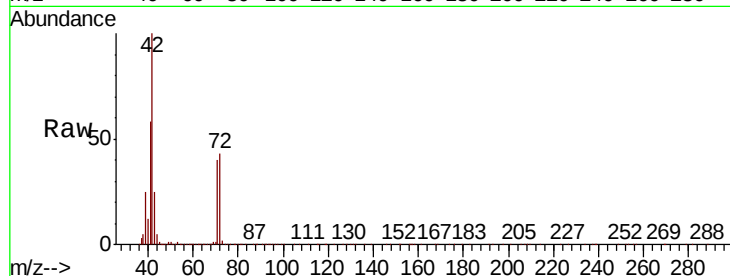
Tot Ion: 42 Resp: 751891

Ion Ratio Lower Upper

42 100

72 44.2 35.5 53.3

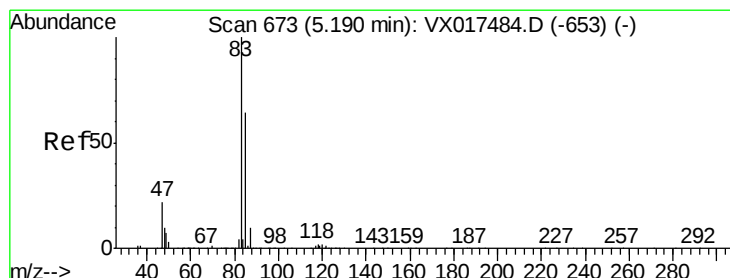
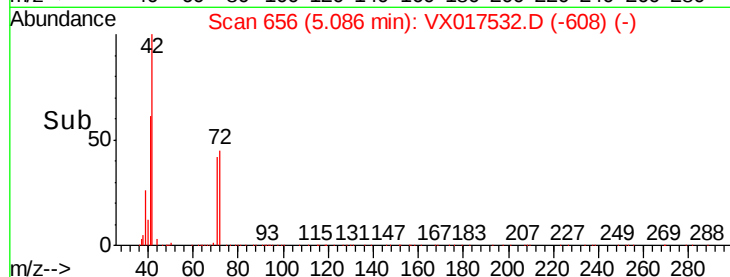
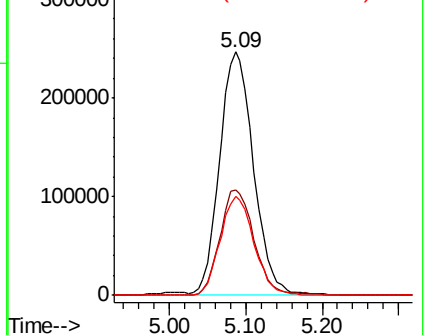
71 40.5 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.893 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017532.D

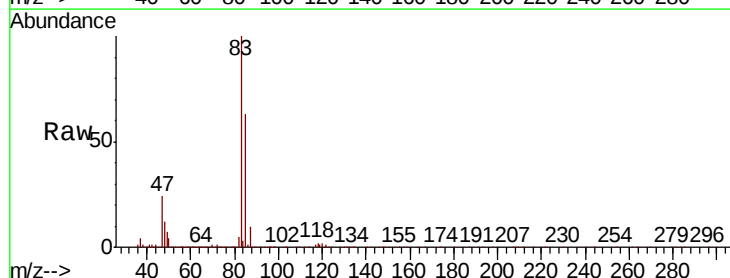
Acq: 24 Jul 2020 10:44

Tgt Ion: 83 Resp: 590003

Ion Ratio Lower Upper

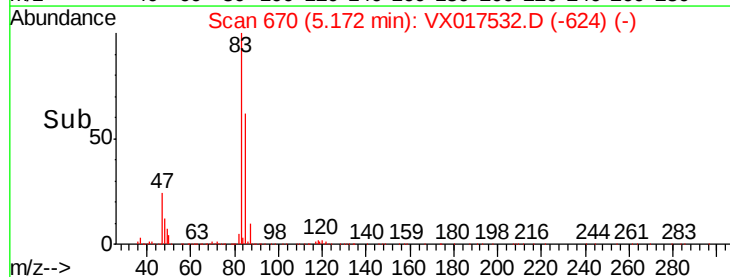
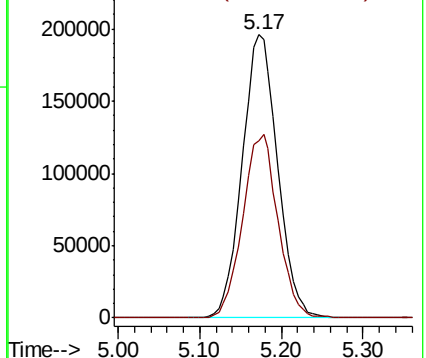
83 100

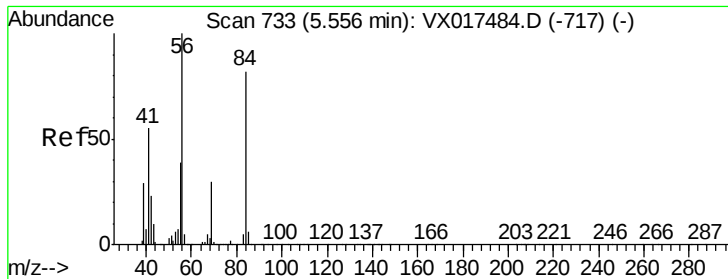
85 62.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

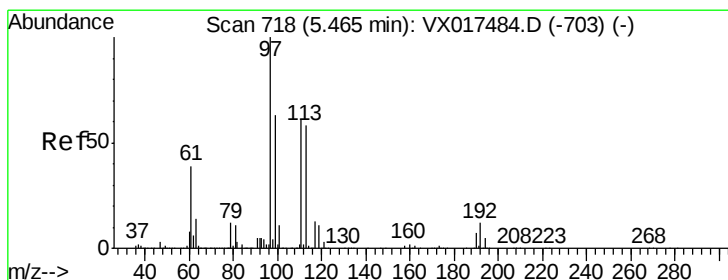
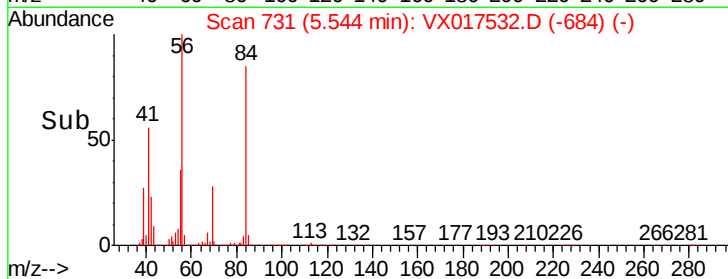
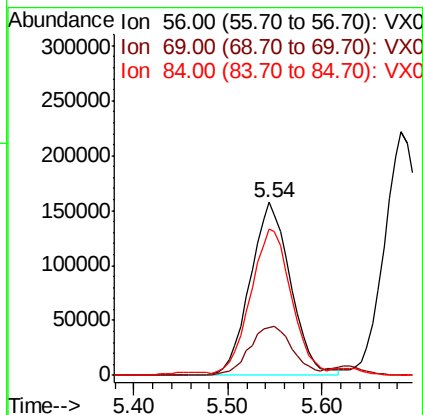
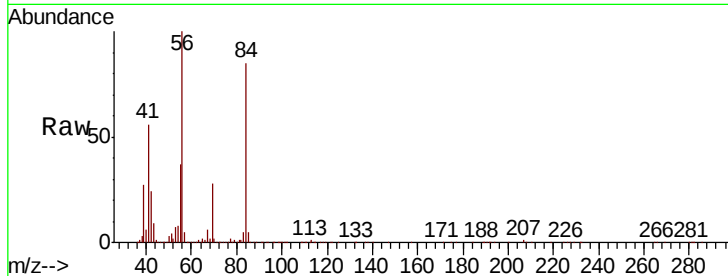




#31
Cyclohexane
Concen: 47.025 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

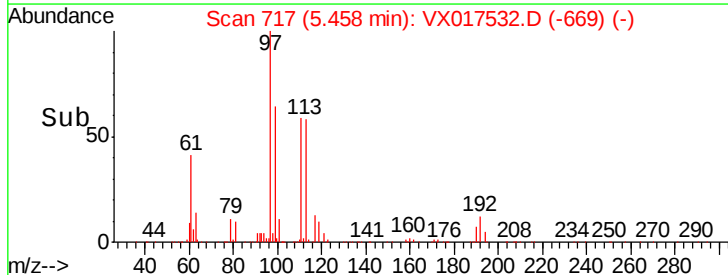
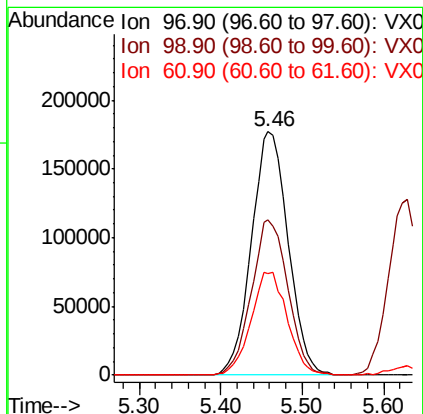
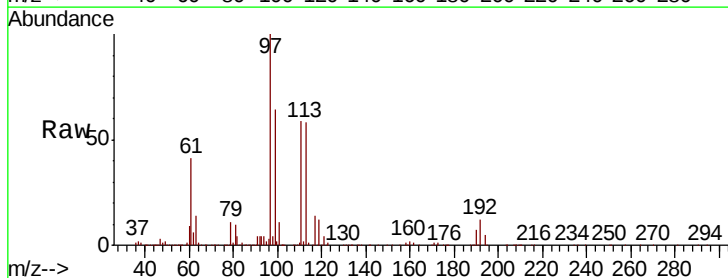
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

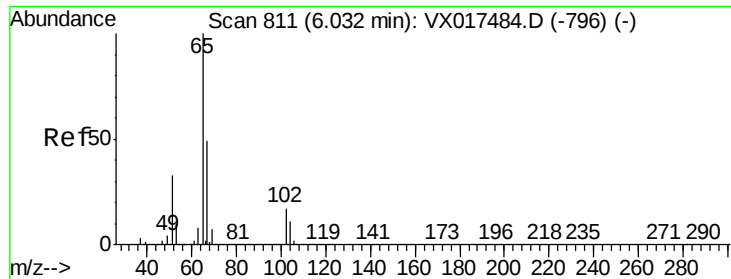
Tot Ion: 56 Resp: 471823
Ion Ratio Lower Upper
56 100
69 27.9 24.2 36.4
84 83.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 45.849 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 97 Resp: 555831
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 41.7 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 45.716 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

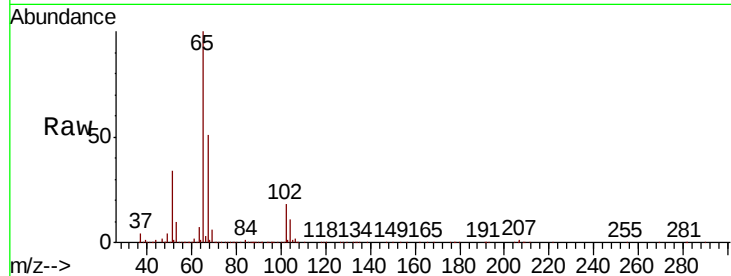
VSTDCCC050

Tot Ion: 65 Resp: 371931

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

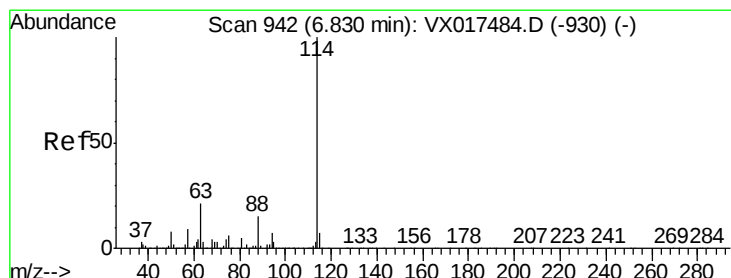
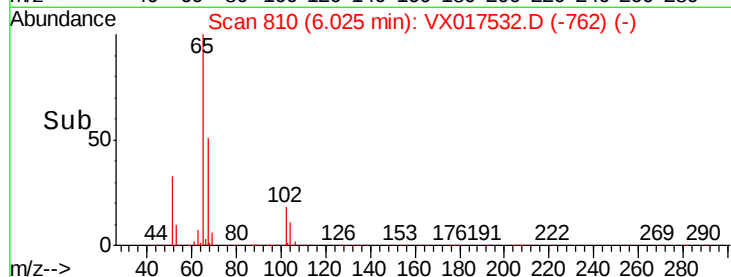
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

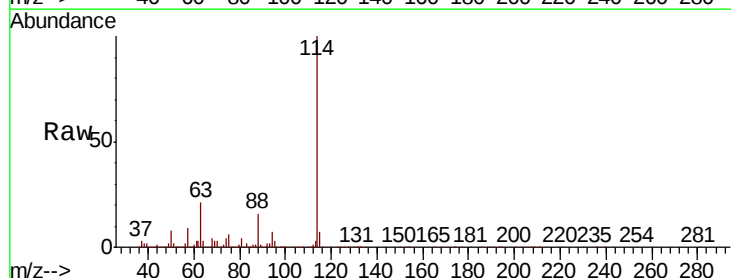
Tgt Ion: 114 Resp: 941759

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

88 15.9 0.0 33.4



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

500000

400000

300000

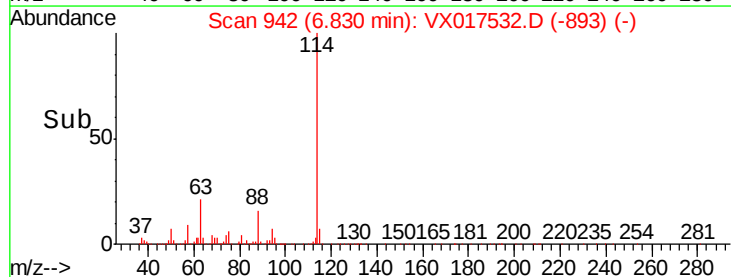
200000

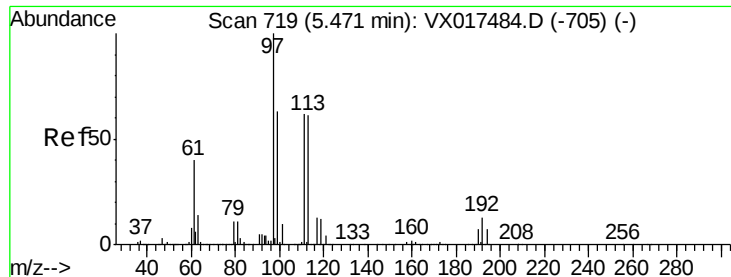
100000

0

Time-->

6.70 6.80 6.90 7.00

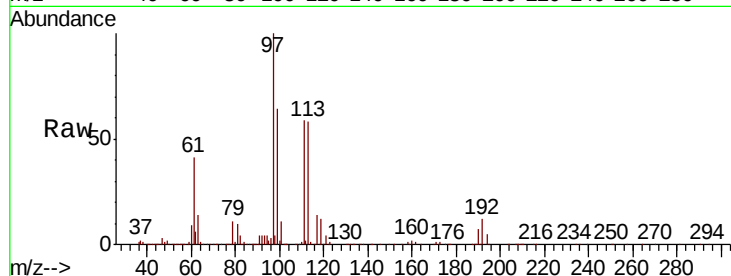




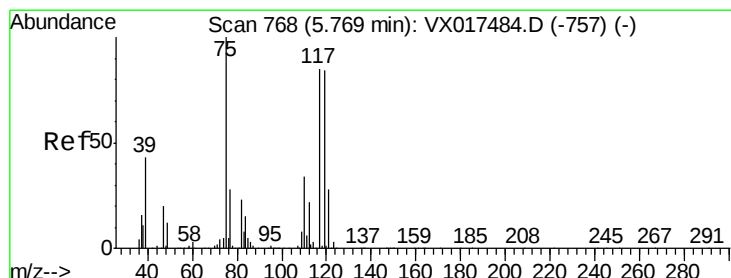
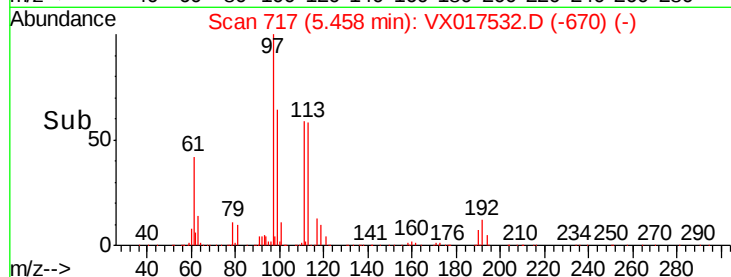
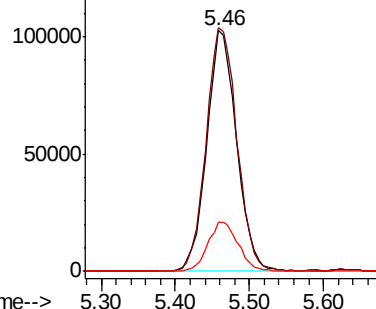
#35
Dibromofluoromethane
Concen: 45.838 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 288712
Ion Ratio Lower Upper
113 100
111 104.3 80.7 121.1
192 20.7 16.9 25.3

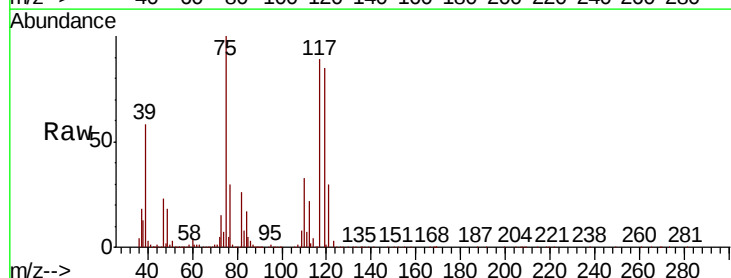


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

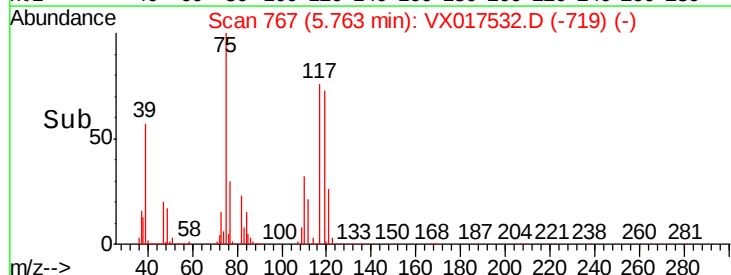
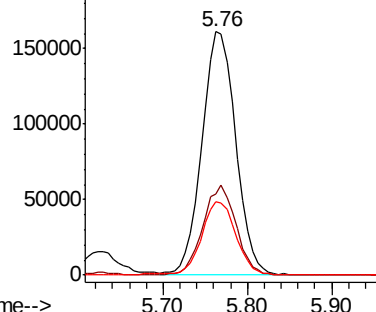


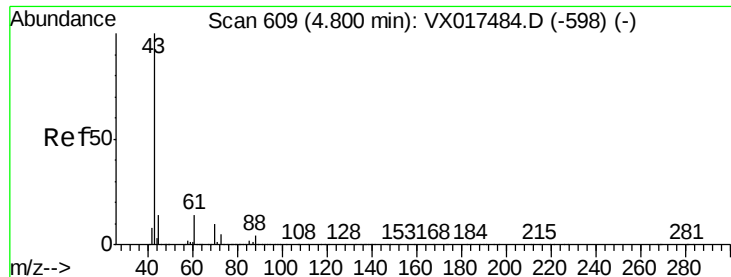
#36
1,1-Dichloropropene
Concen: 48.401 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 75 Resp: 437170
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.3
77 30.4 24.6 37.0



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

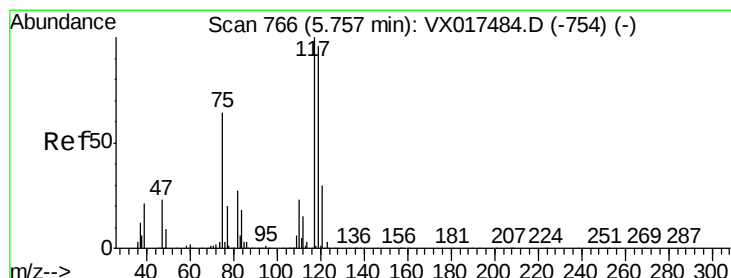
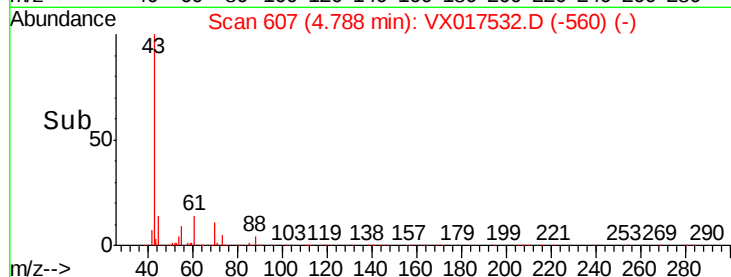
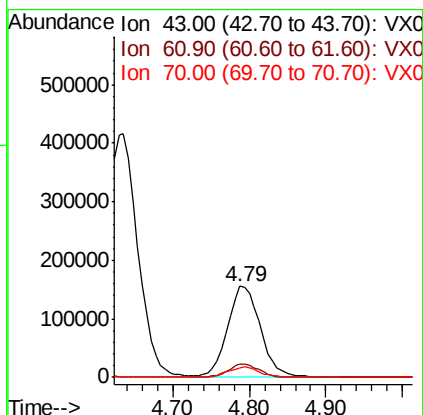
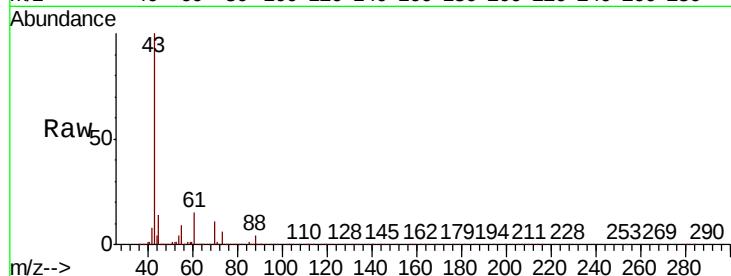




#37
Ethyl Acetate
Concen: 46.811 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

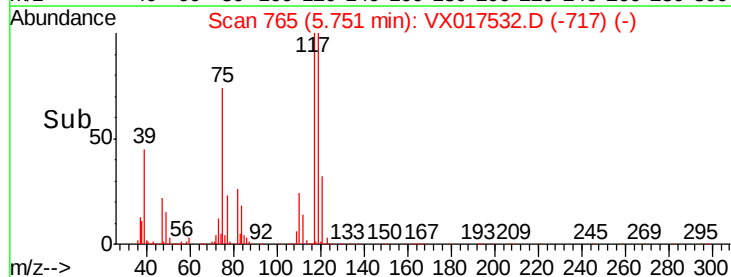
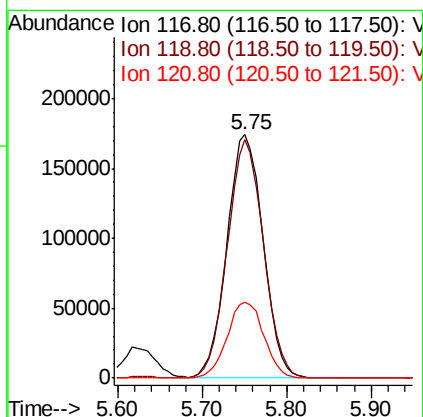
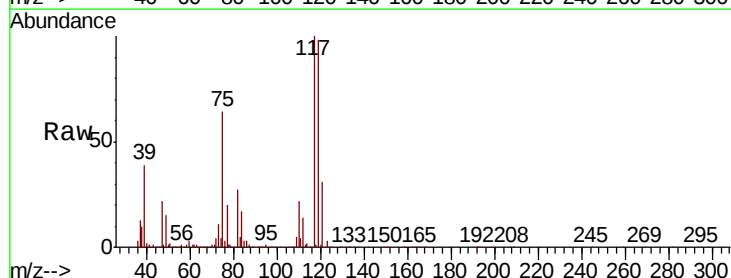
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

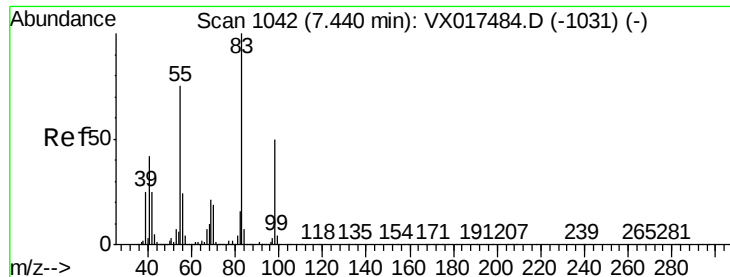
Tot Ion: 43 Resp: 462624
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 46.175 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 117 Resp: 506466
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
121 31.5 24.3 36.5

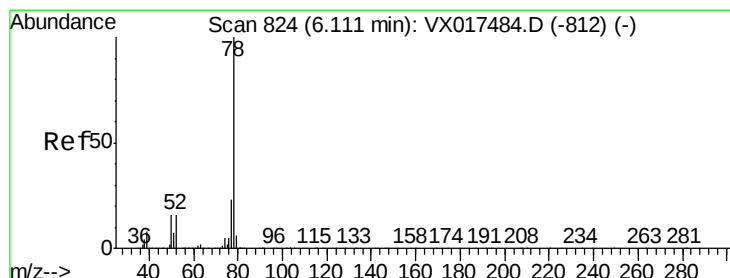
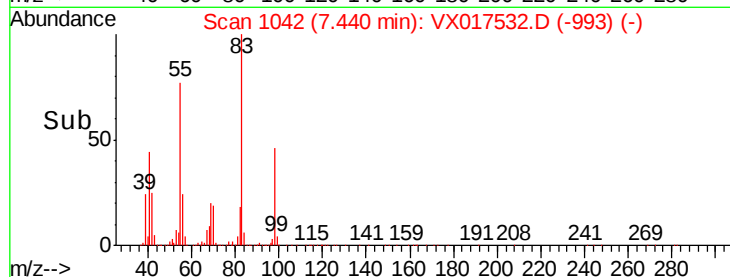
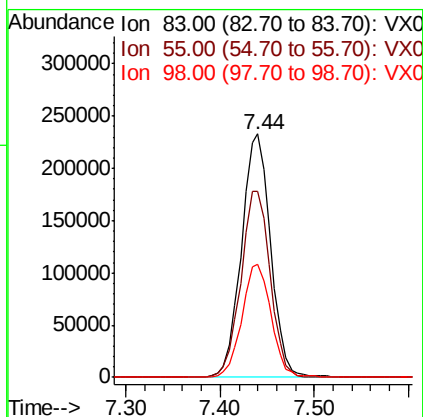
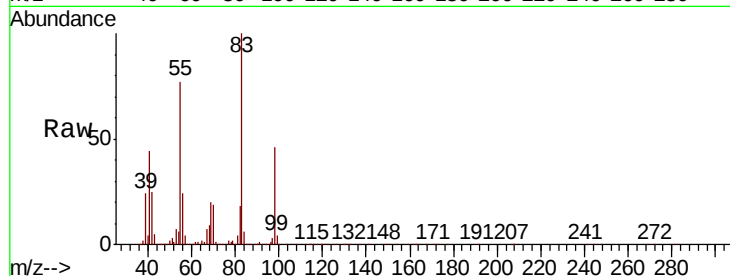




#39
Methvlcvclohexane
Concen: 47.826 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

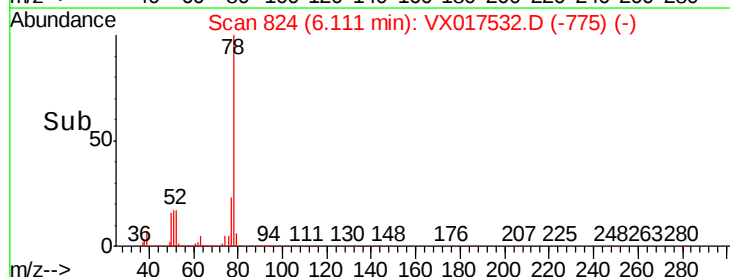
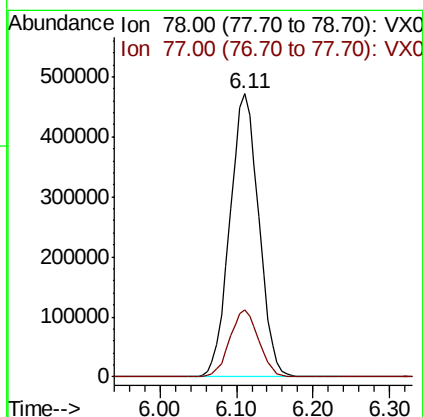
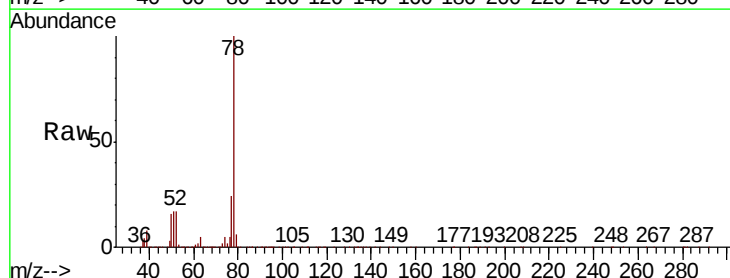
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

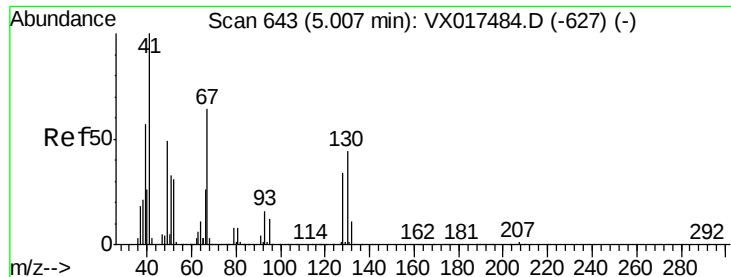
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	46.2	36.9	55.3



#40
Benzene
Concen: 47.615 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2

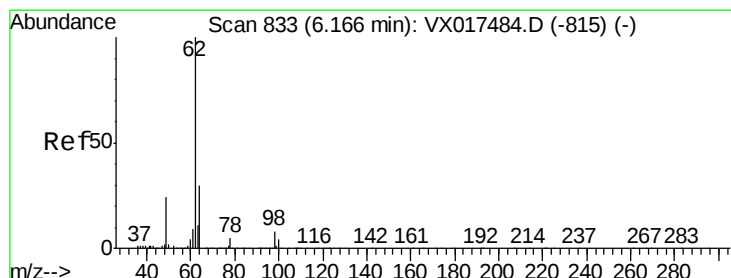
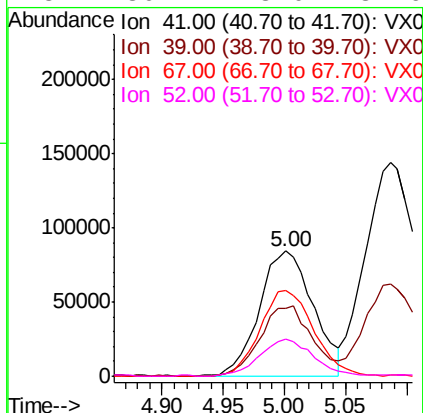
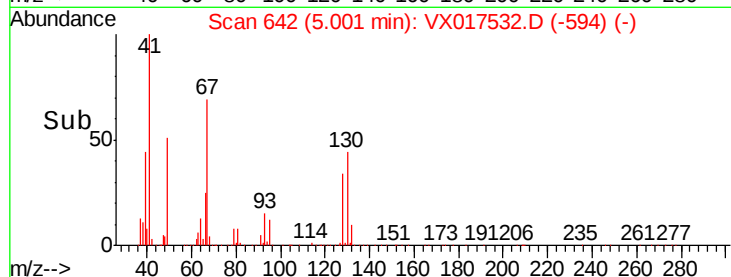
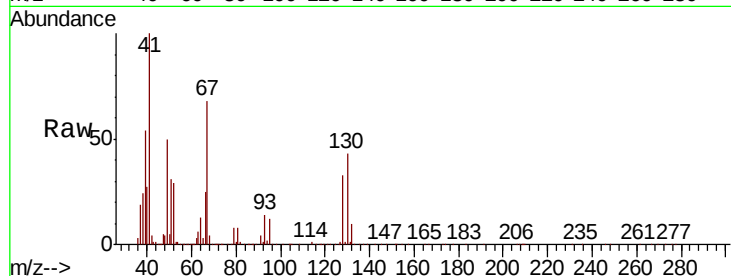




#41
Methacrylonitrile
Concen: 45.511 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

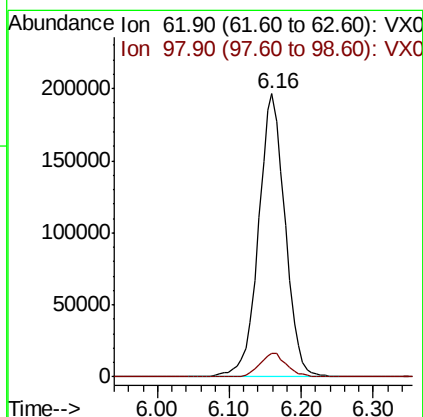
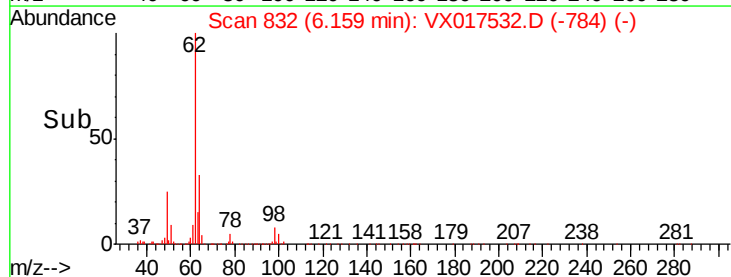
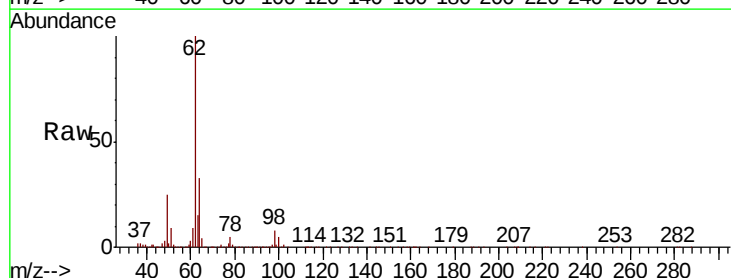
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

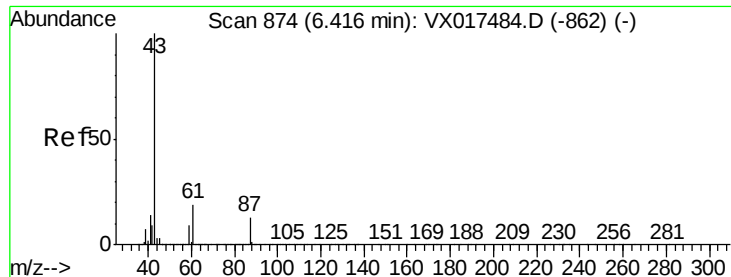
Tot Ion:	41	Resp:	257807
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.9	65.9
67	68.7	54.0	81.0
52	30.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.479 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:	62	Resp:	502989
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0



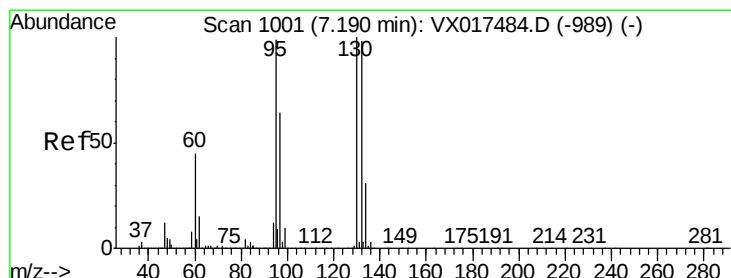
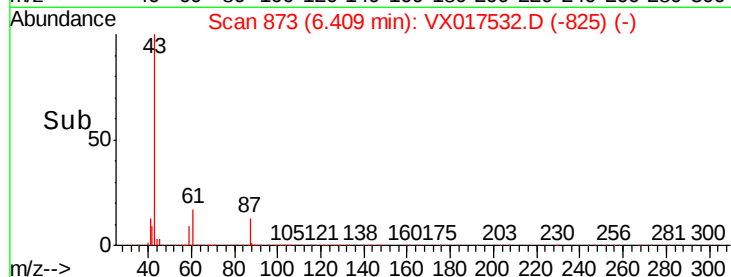
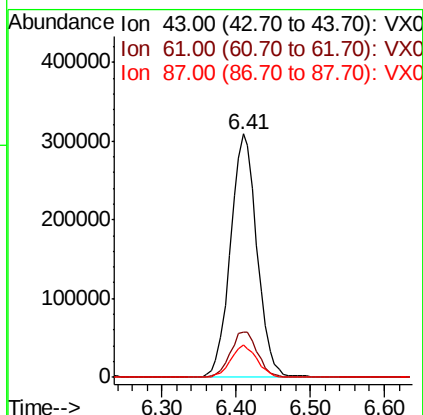
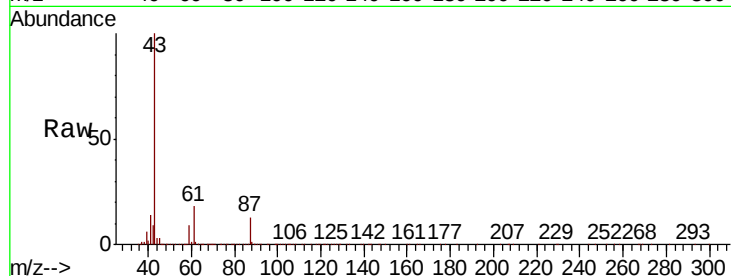


#43

Isopropyl Acetate
 Concen: 47.090 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

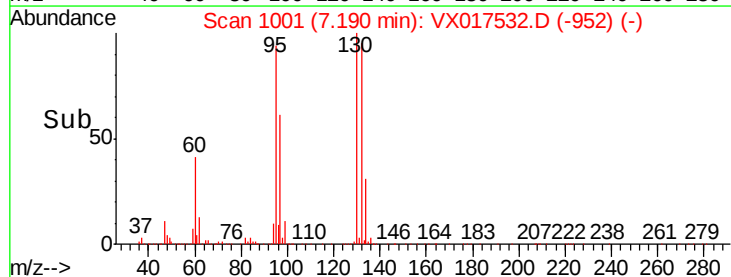
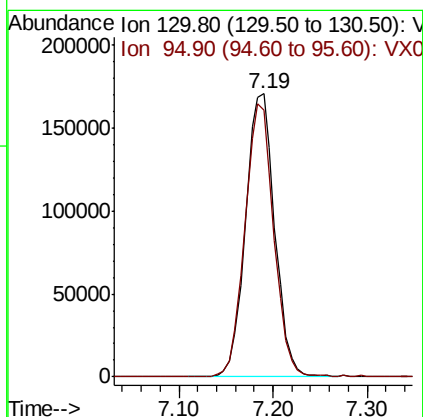
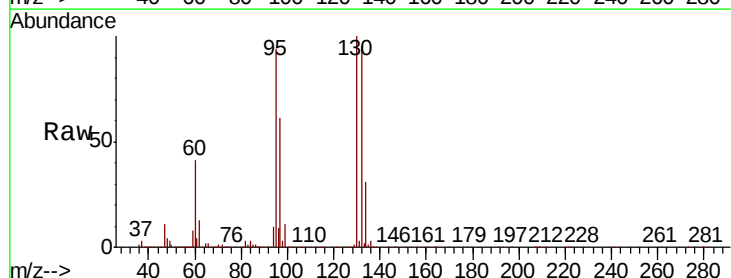
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	13.3	10.5	15.7

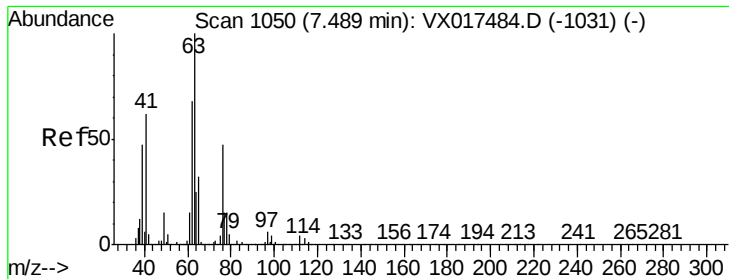


#44

Trichloroethene
 Concen: 49.054 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	189.0





#45

1,2-Dichloropropane

Concen: 46.217 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

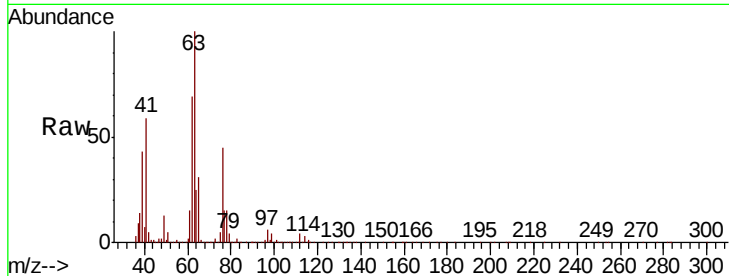
VSTDCCC050

Tot Ion: 63 Resp: 331770

Ion Ratio Lower Upper

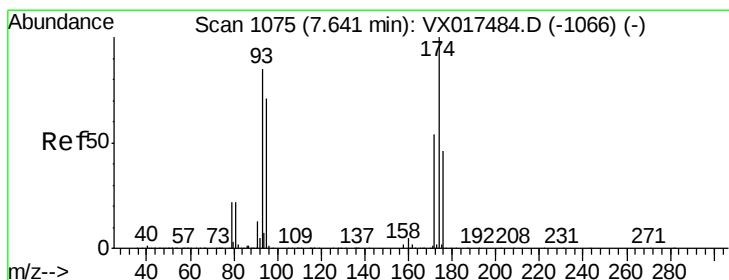
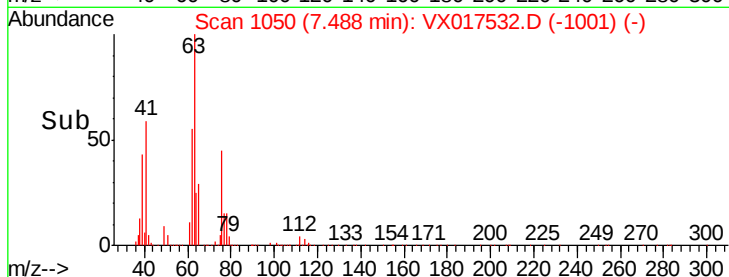
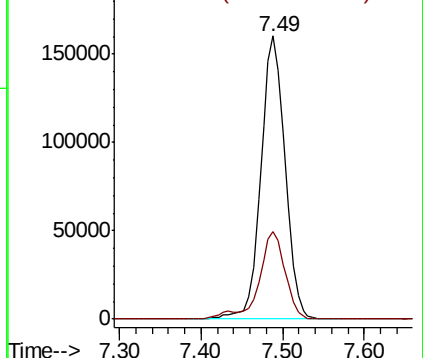
63 100

65 30.8 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: 45.954 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

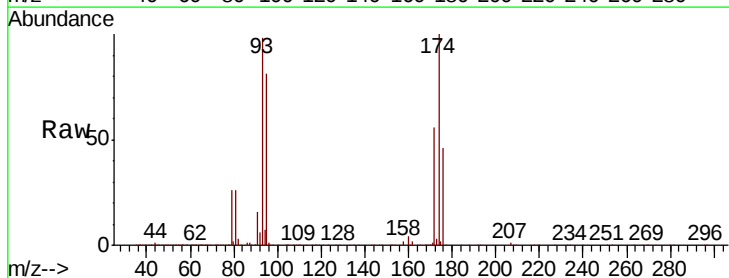
Tgt Ion: 93 Resp: 233132

Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

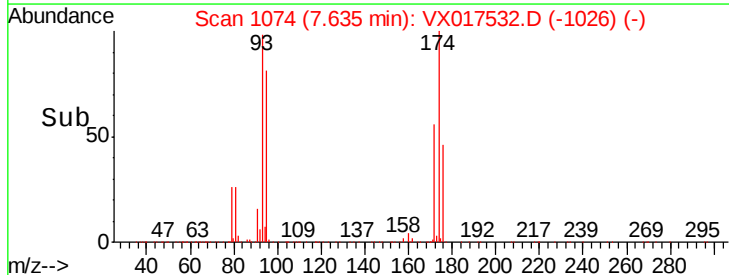
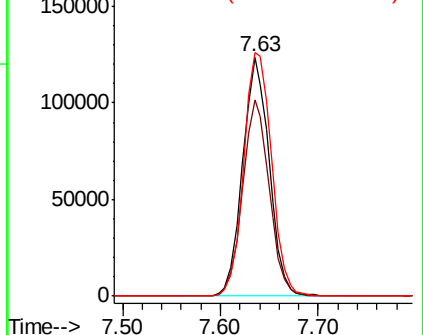
174 106.8 87.0 130.6

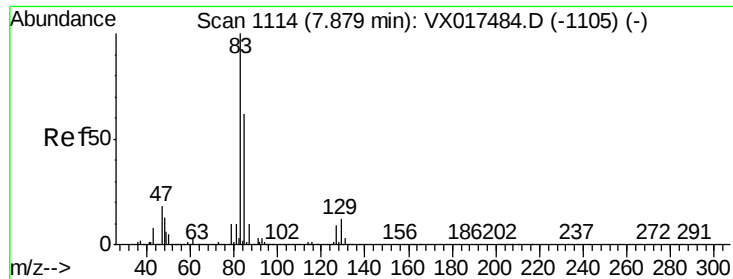


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.783 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

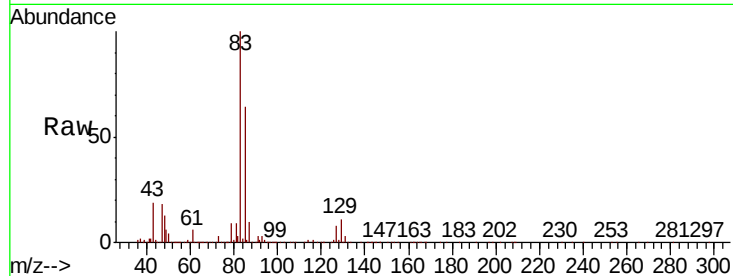
Tot Ion: 83 Resp: 487763

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.8

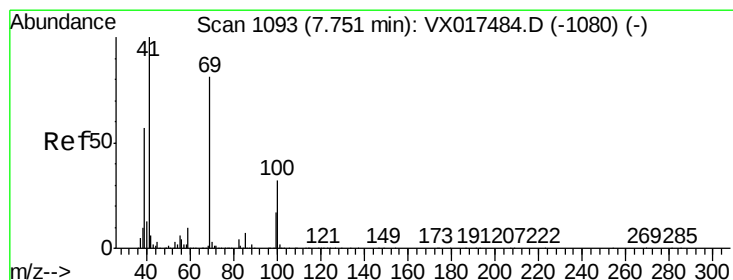
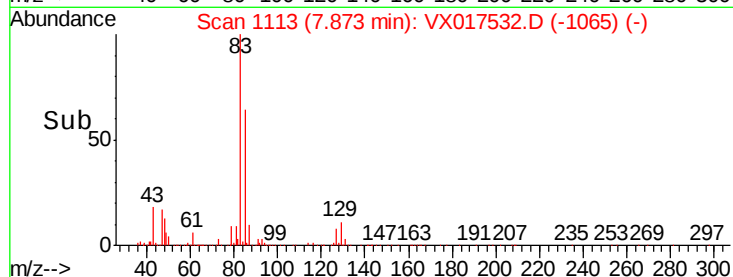
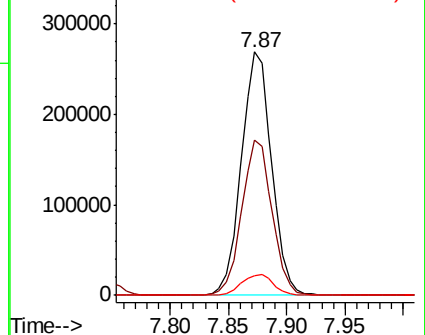
127 8.1 7.4 11.2



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: 47.839 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

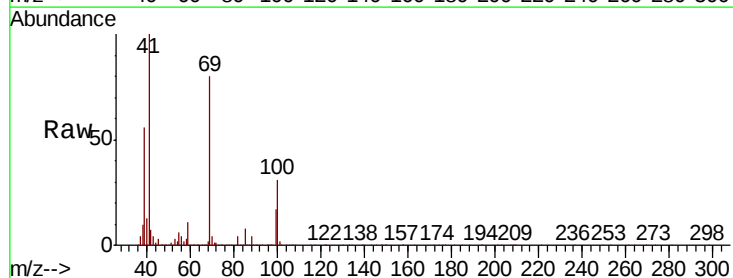
Tgt Ion: 41 Resp: 386670

Ion Ratio Lower Upper

41 100

69 79.3 63.1 94.7

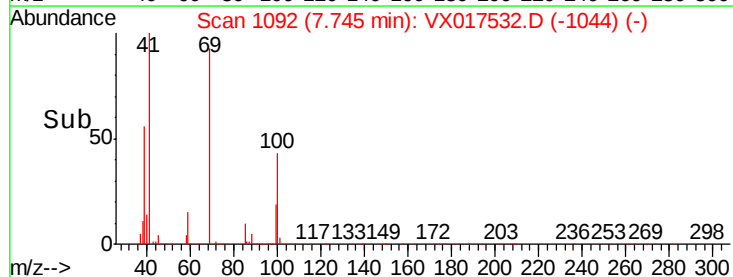
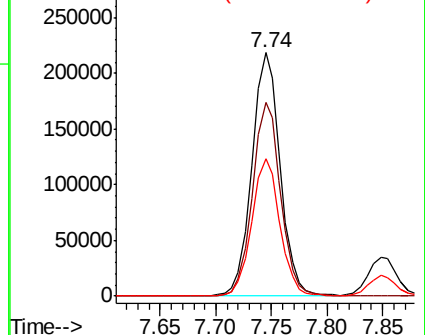
39 56.6 45.1 67.7

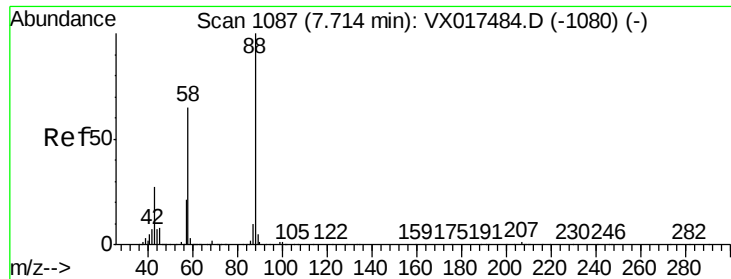


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

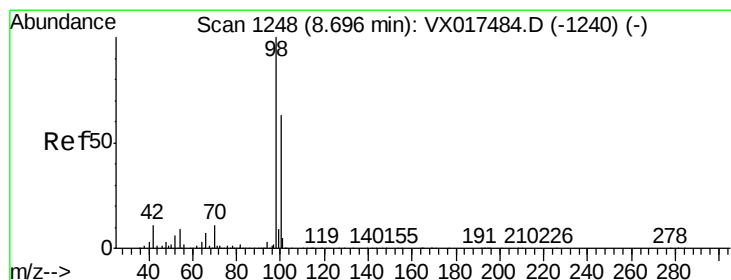
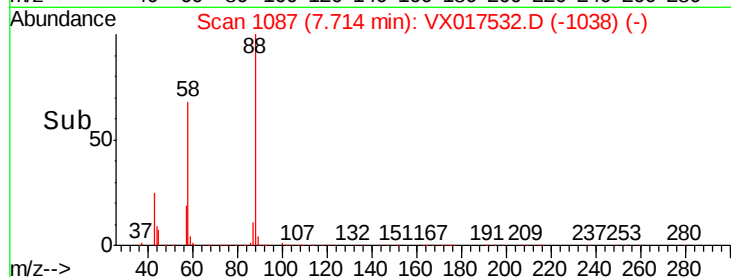
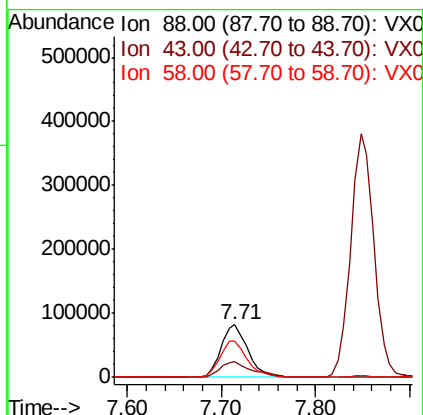
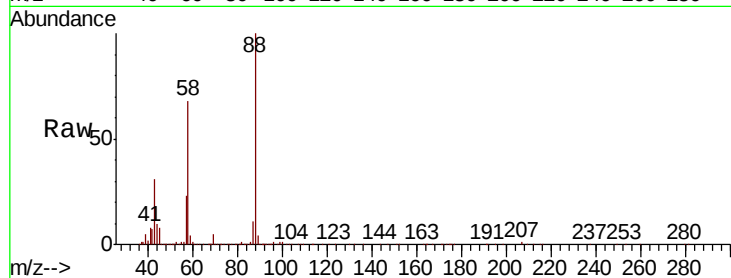




#49
1,4-Dioxane
Concen: 1057.311 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

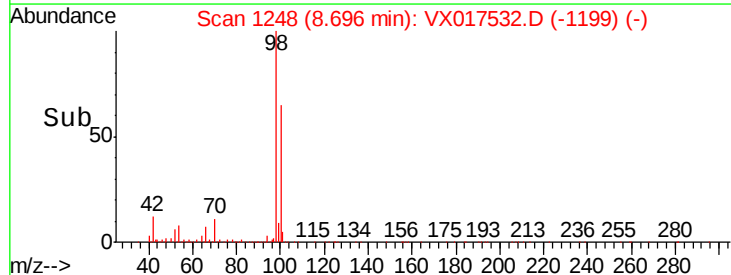
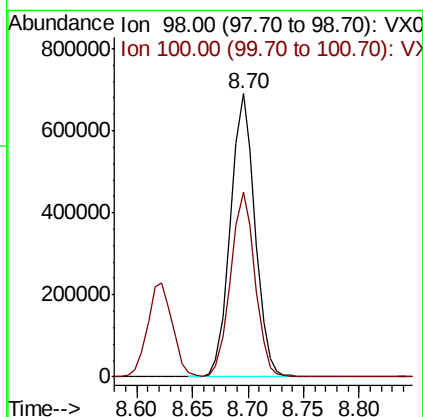
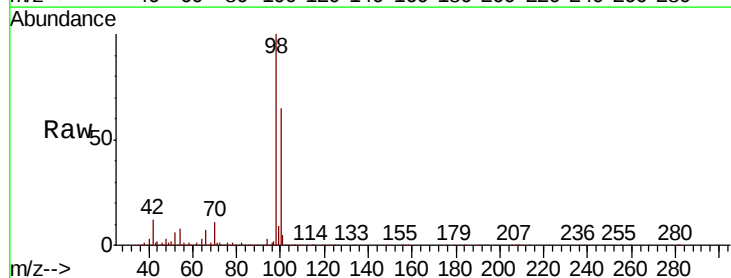
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

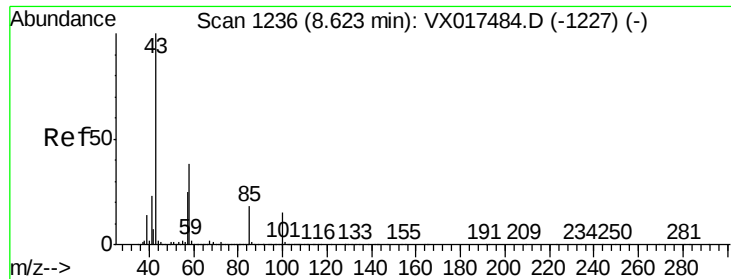
Tot Ion: 88 Resp: 163846
Ion Ratio Lower Upper
88 100
43 34.9 27.8 41.6
58 68.9 58.3 87.5



#50
Toluene-d8
Concen: 46.217 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 98 Resp: 1050143
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

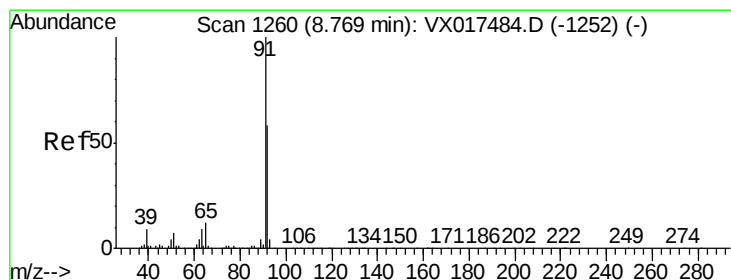
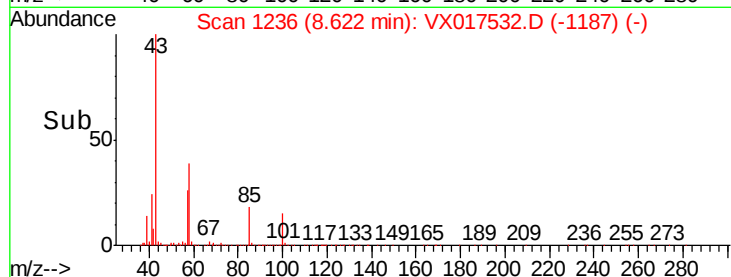
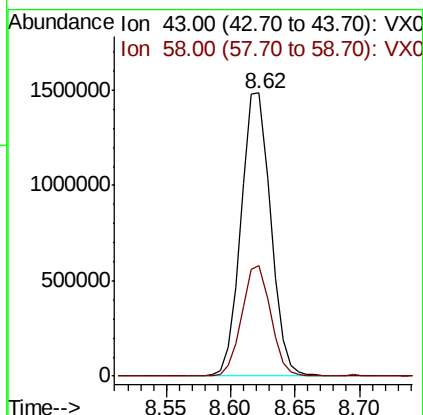
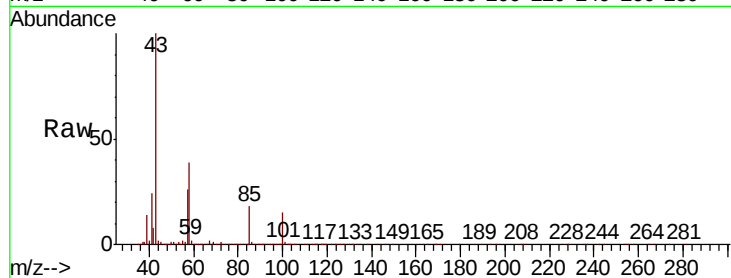




#51
4-Methyl-2-Pentanone
Concen: 243.226 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

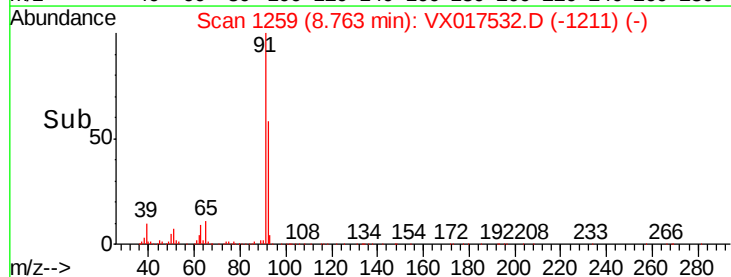
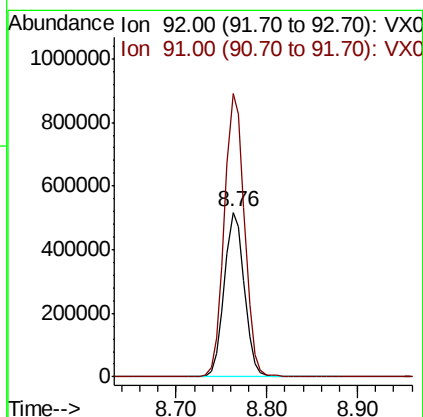
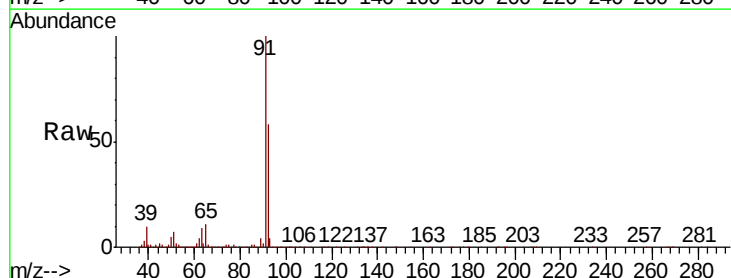
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

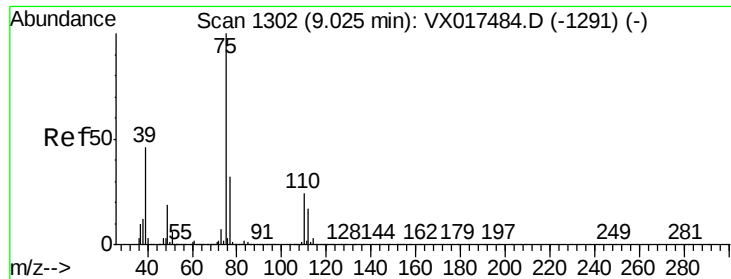
Tot Ion: 43 Resp: 2366382
Ion Ratio Lower Upper
43 100
58 38.3 31.0 46.4



#52
Toluene
Concen: 47.831 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 92 Resp: 794335
Ion Ratio Lower Upper
92 100
91 173.9 137.6 206.4

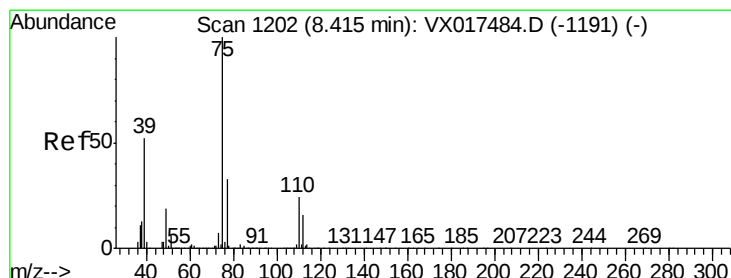
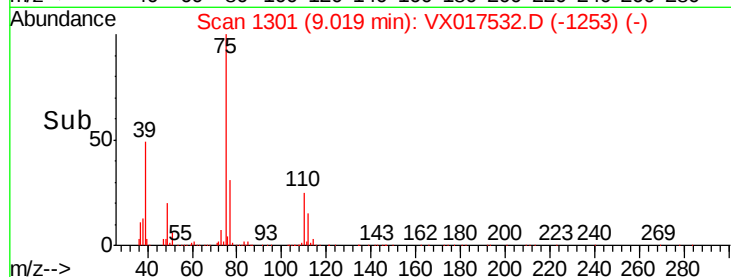
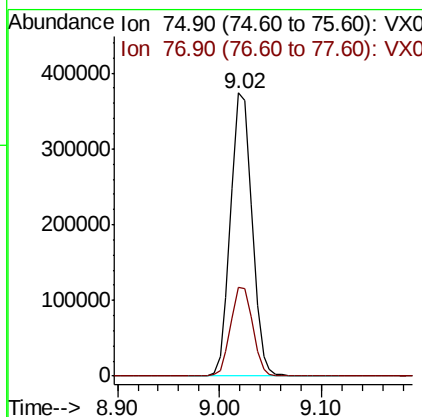
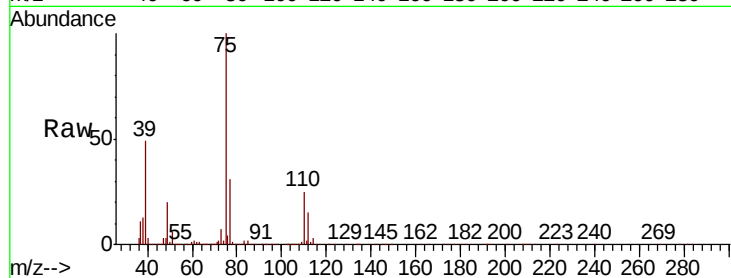




#53
t-1,3-Dichloropropene
Concen: 47.559 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

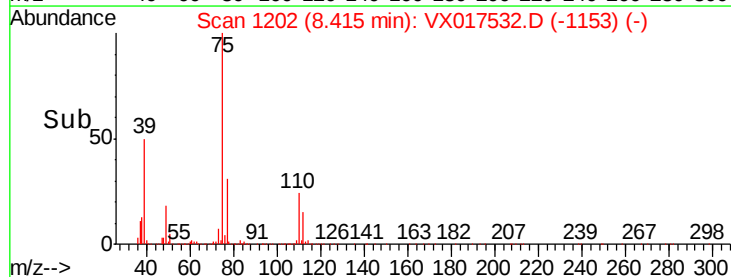
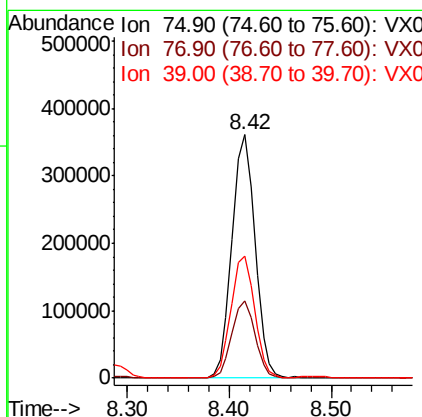
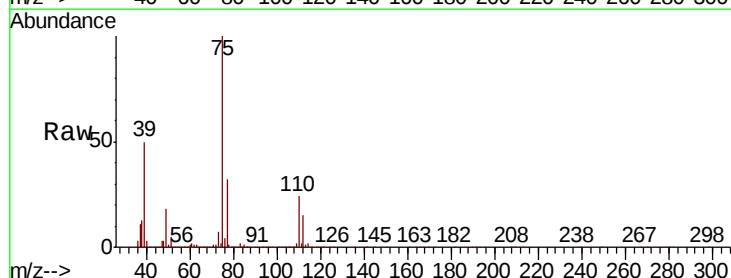
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

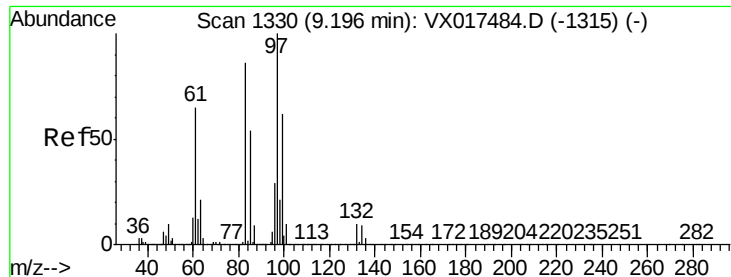
Tot Ion: 75 Resp: 543456
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 48.548 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 75 Resp: 565847
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 50.1 41.8 62.8

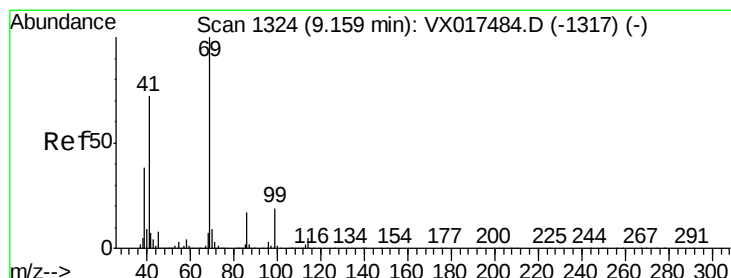
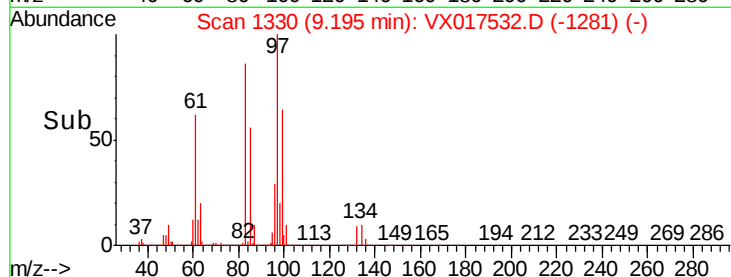
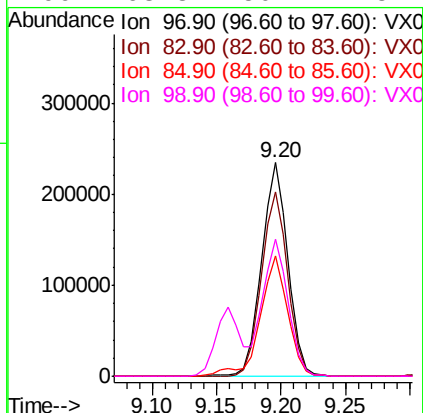
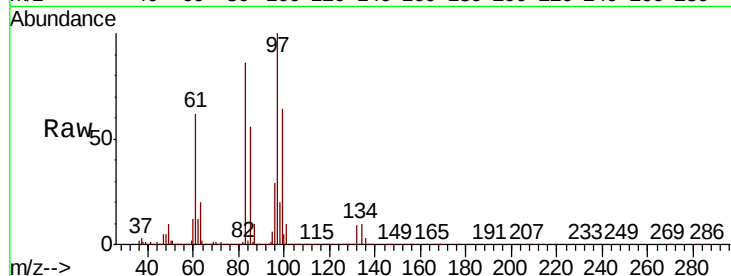




#55
 1,1,2-Trichloroethane
 Concen: 47.686 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

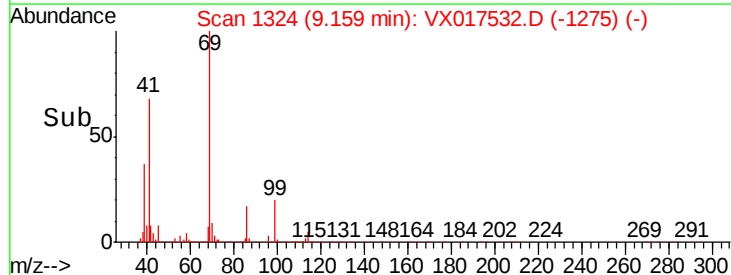
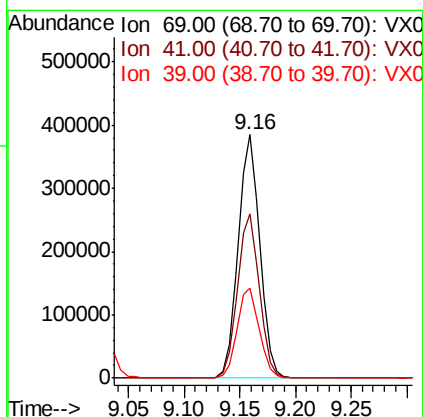
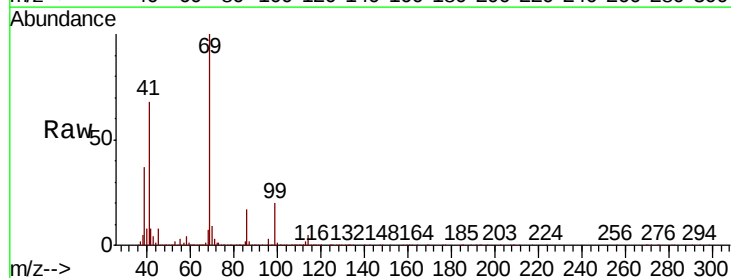
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

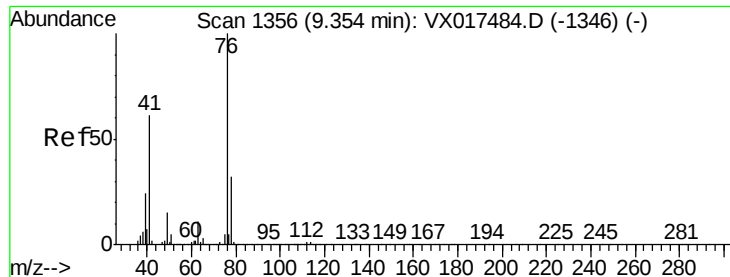
Tot Ion:	97	Resp:	329896
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.6	101.4
85	56.3	44.6	67.0
99	63.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 49.634 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion:	69	Resp:	517318
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.0	82.6
39	37.8	30.0	45.0





#57

1,3-Dichloropropane

Concen: 48.075 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

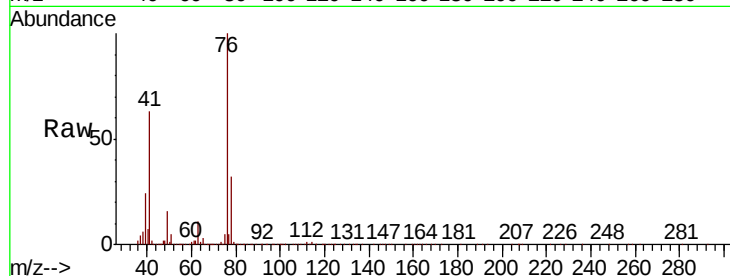
VSTDCCC050

Tot Ion: 76 Resp: 547649

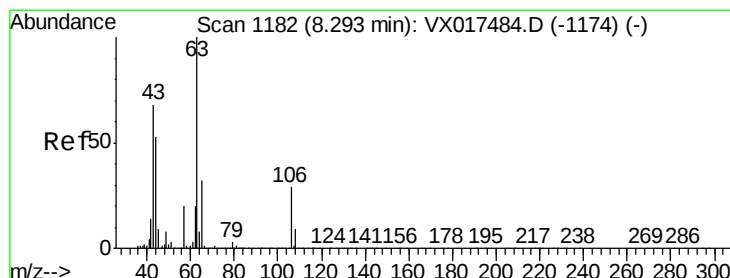
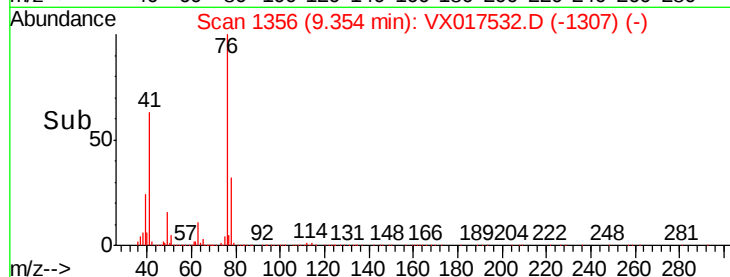
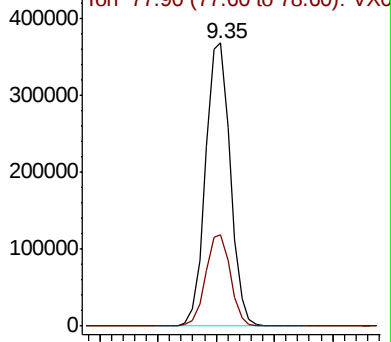
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.713 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017532.D

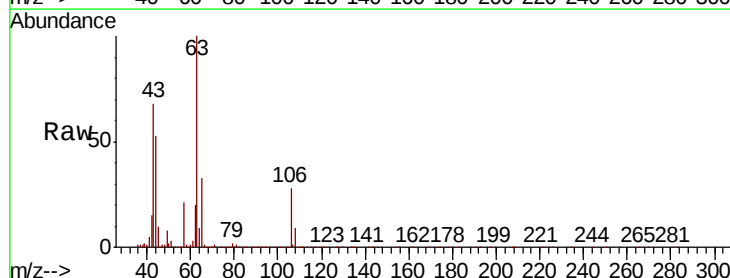
Acq: 24 Jul 2020 10:44

Tgt Ion: 63 Resp: 1316299

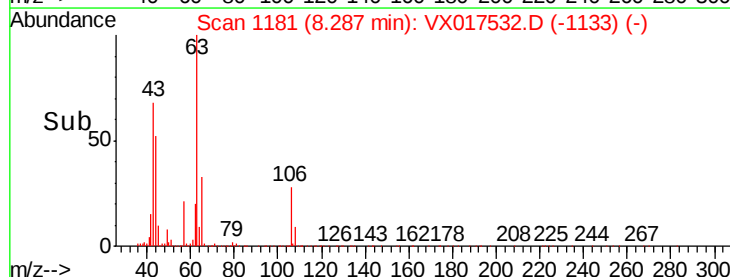
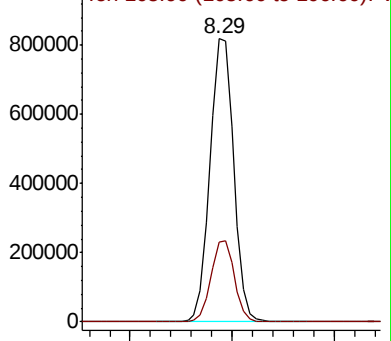
Ion Ratio Lower Upper

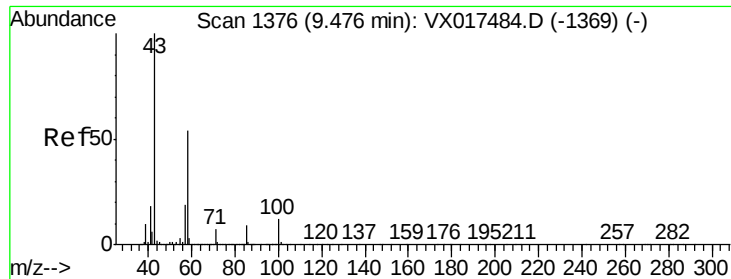
63 100

106 28.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

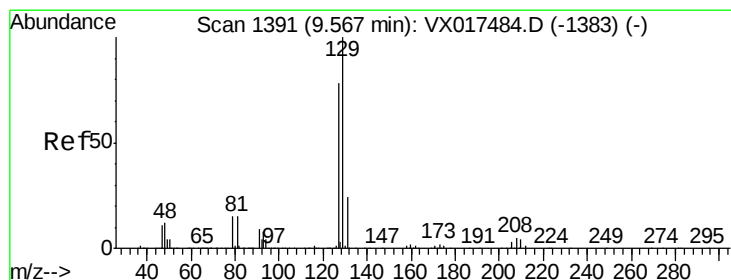
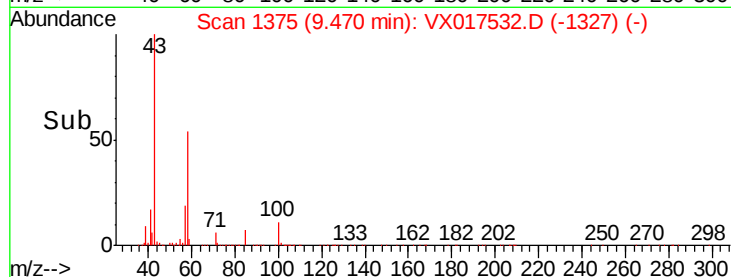
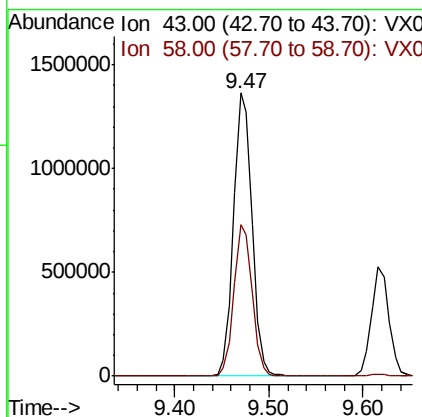
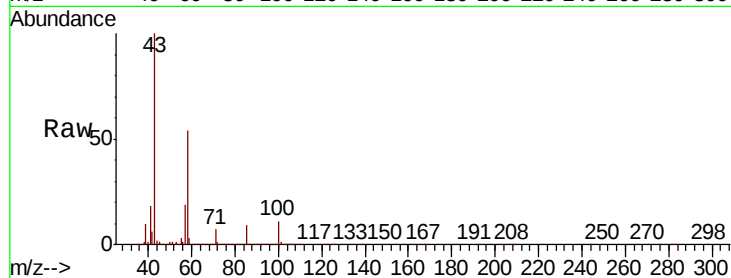




#59
2-Hexanone
Concen: 252.086 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

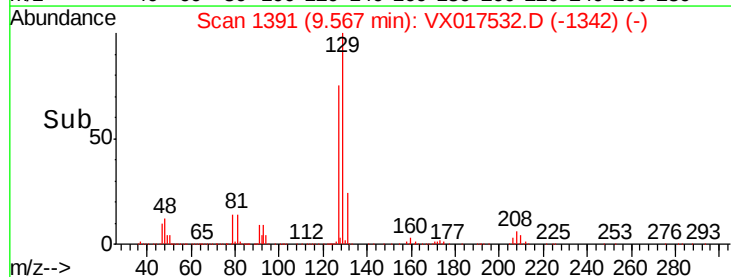
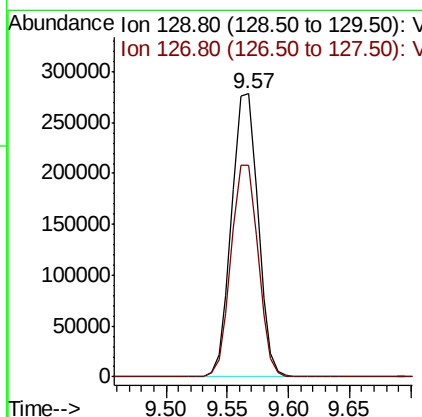
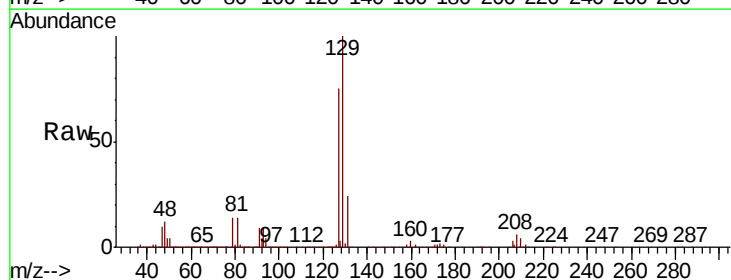
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

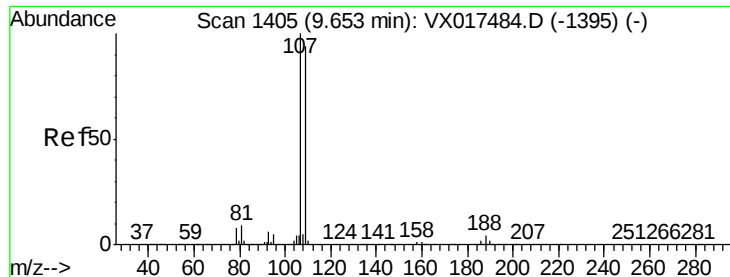
Tot Ion: 43 Resp: 1846517
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8



#60
Dibromochloromethane
Concen: 47.482 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 129 Resp: 417511
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.770 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

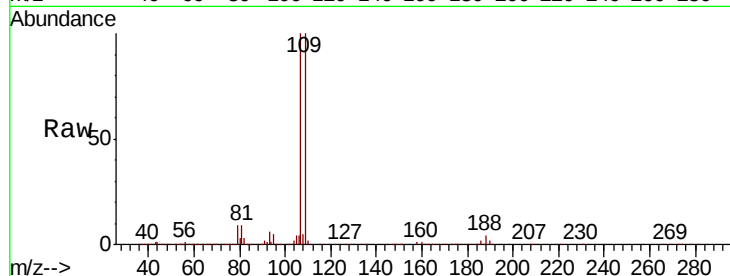
VSTDCCC050

Tot Ion:107 Resp: 359208

Ion Ratio Lower Upper

107 100

109 95.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

150000

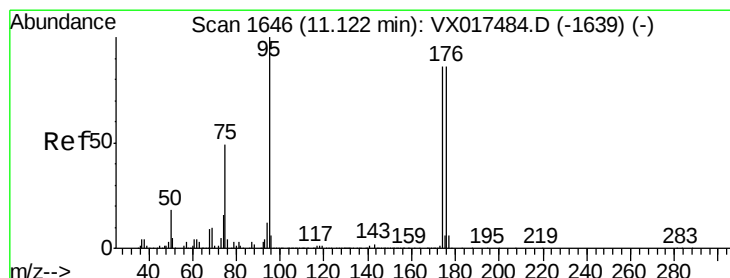
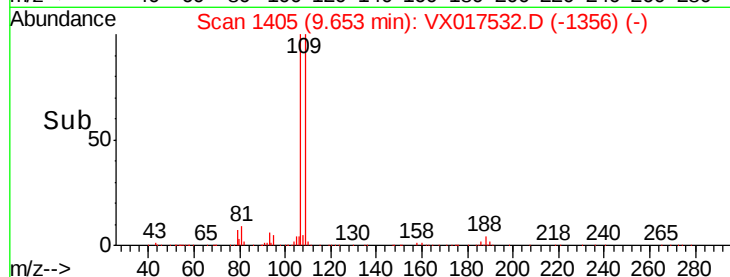
100000

50000

0

Time-->

9.50 9.60 9.70



#62

4-Bromofluorobenzene

Concen: 47.342 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

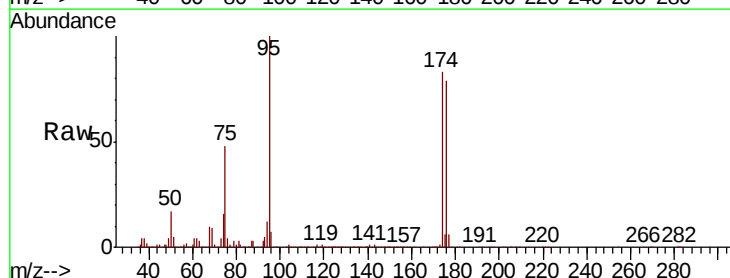
Tgt Ion: 95 Resp: 430497

Ion Ratio Lower Upper

95 100

174 83.4 0.0 169.0

176 80.7 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

300000

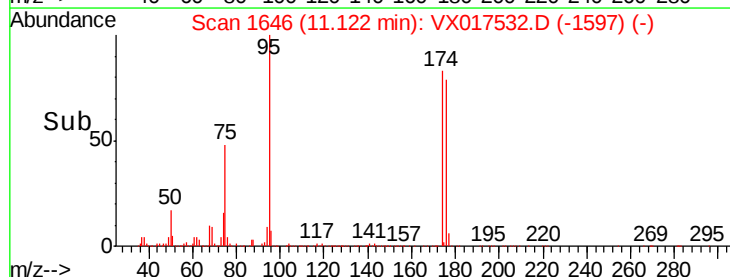
200000

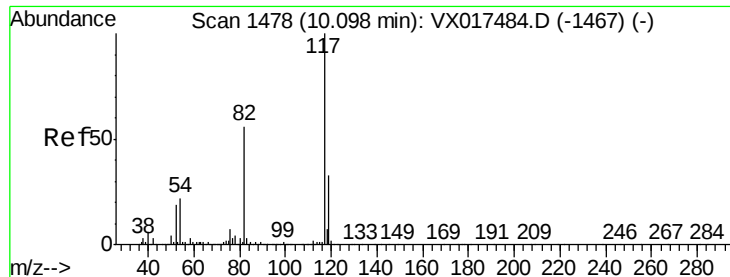
100000

0

Time-->

11.10 11.20

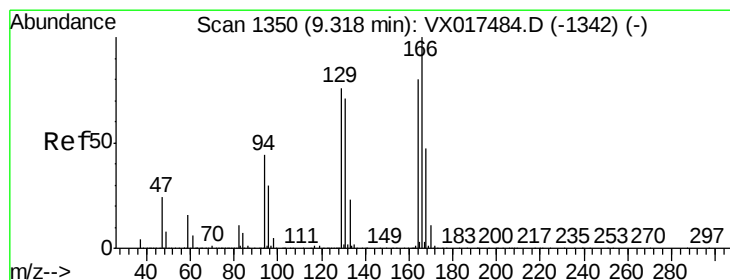
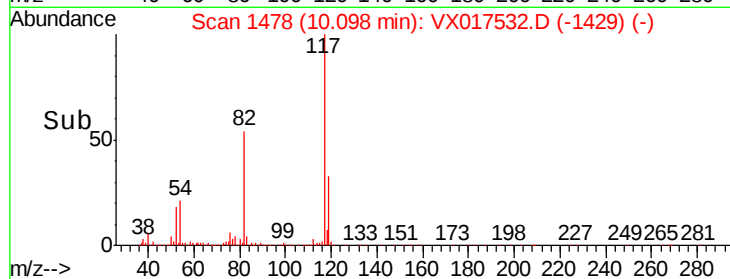
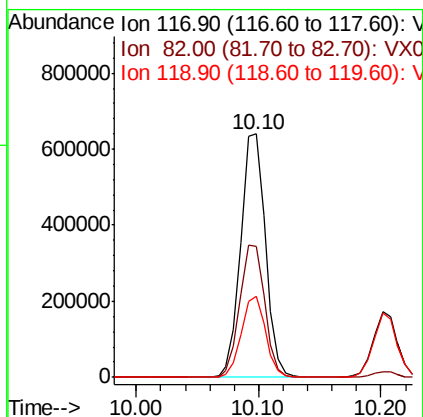
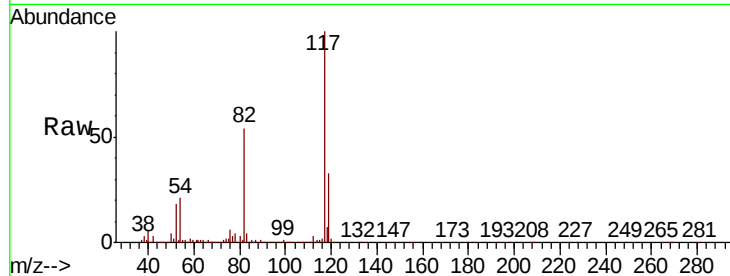




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

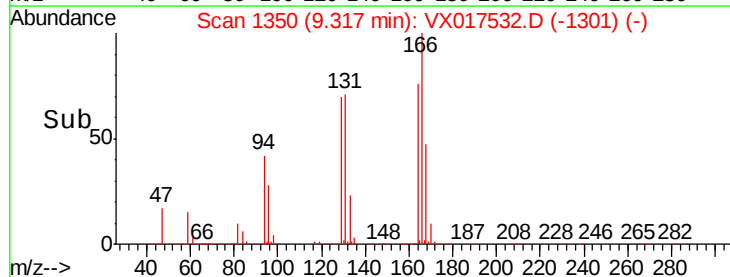
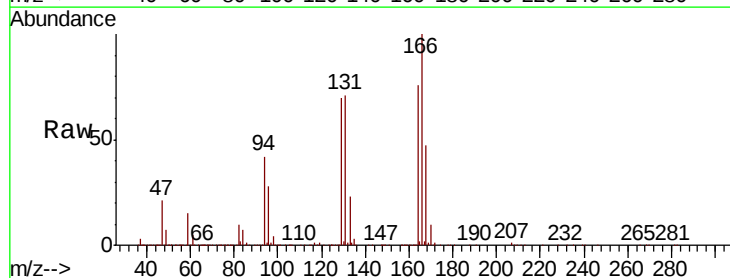
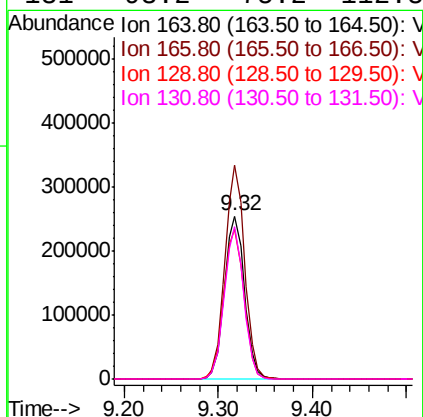
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

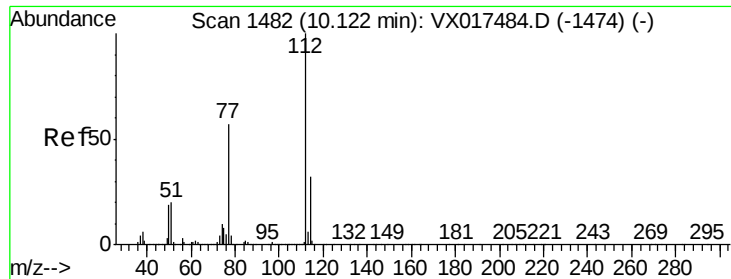
Tot Ion:117 Resp: 897820
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 33.5 25.4 38.0



#64
Tetrachloroethene
Concen: 46.634 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:164 Resp: 375788
Ion Ratio Lower Upper
164 100
166 131.1 100.6 150.8
129 91.8 75.0 112.6
131 93.2 75.2 112.8

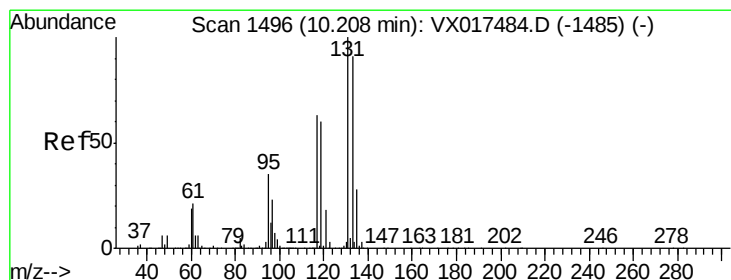
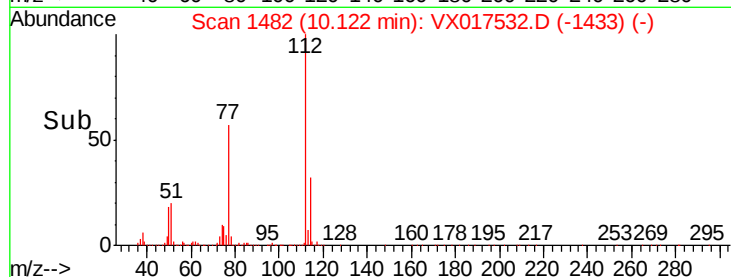
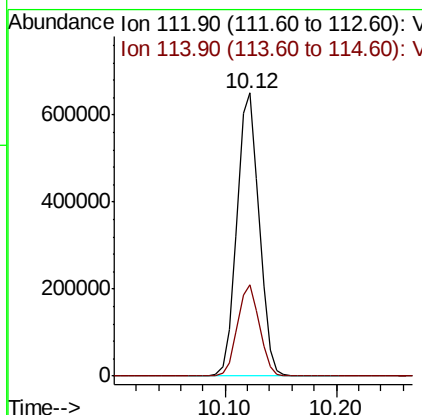




#65
Chlorobenzene
Concen: 46.225 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

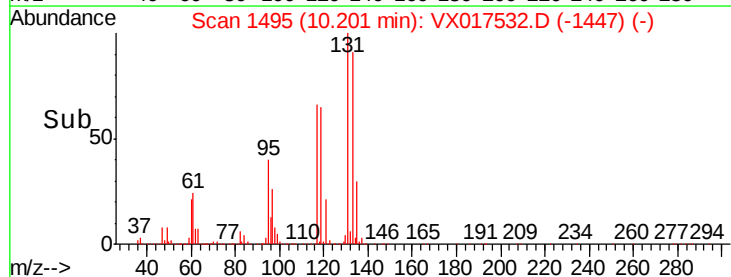
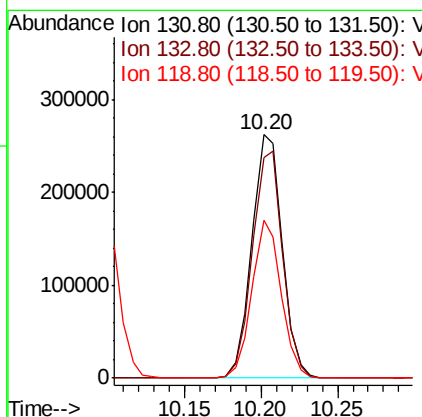
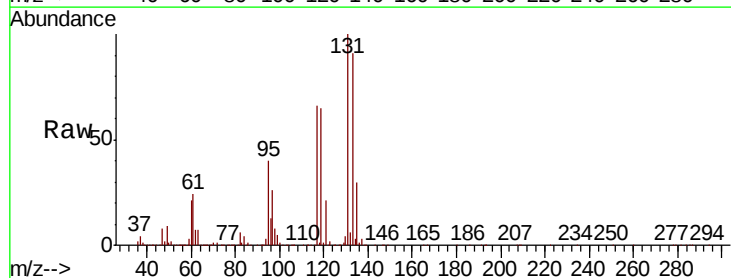
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

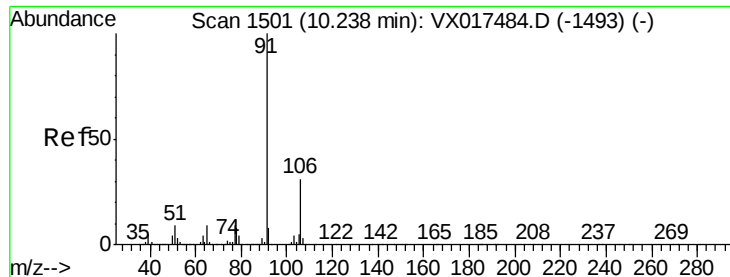
Tot Ion:112 Resp: 898322
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.248 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:131 Resp: 362729
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.6
119 62.3 31.1 93.3

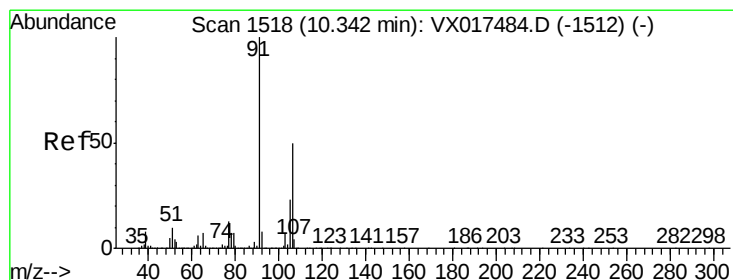
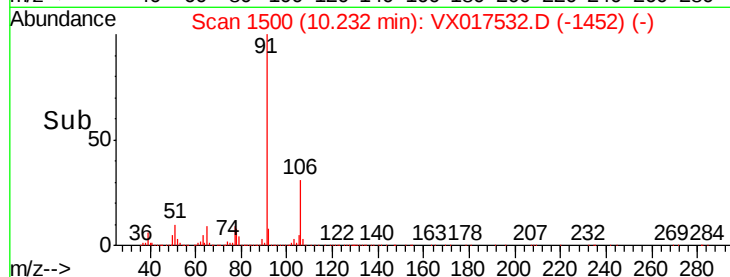
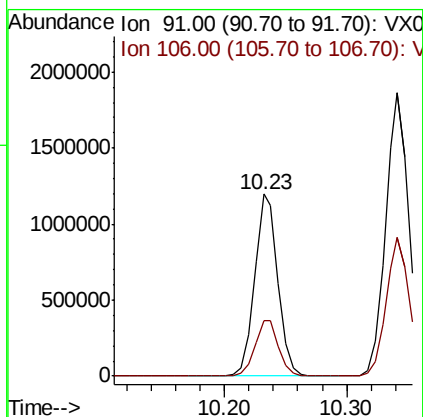
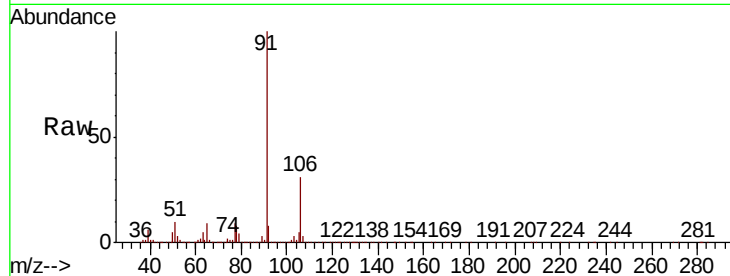




#67
Ethyl Benzene
Concen: 48.498 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

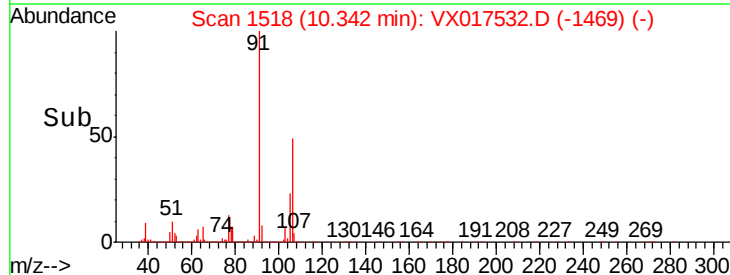
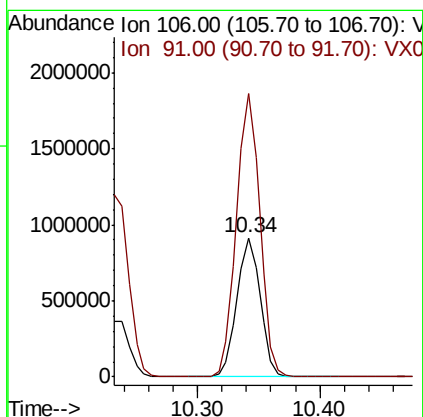
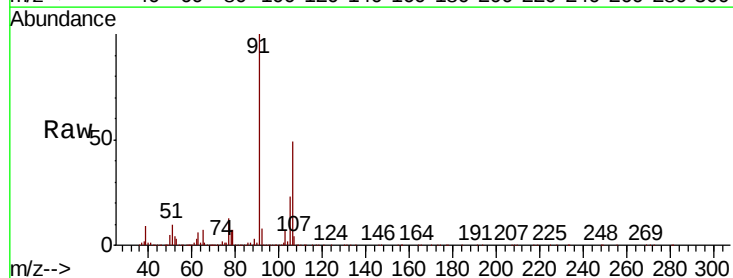
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

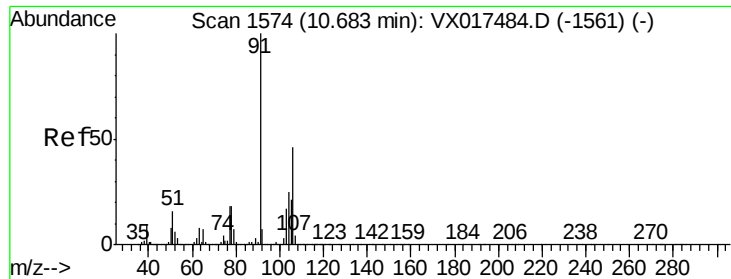
Tot Ion: 91 Resp: 1573254
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6



#68
m/p-Xylenes
Concen: 95.950 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 106 Resp: 1205806
Ion Ratio Lower Upper
106 100
91 204.6 160.9 241.3

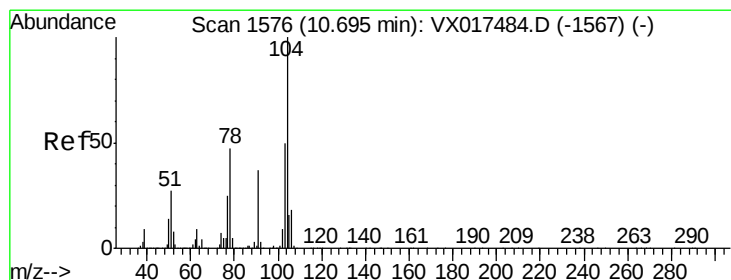
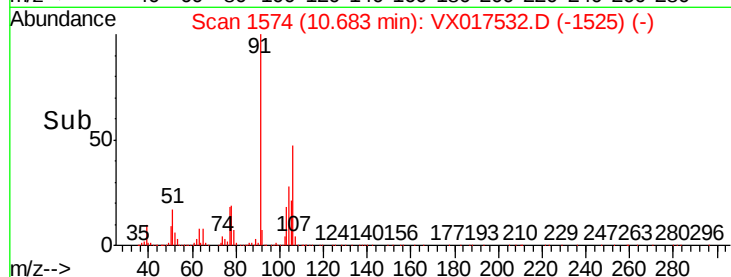
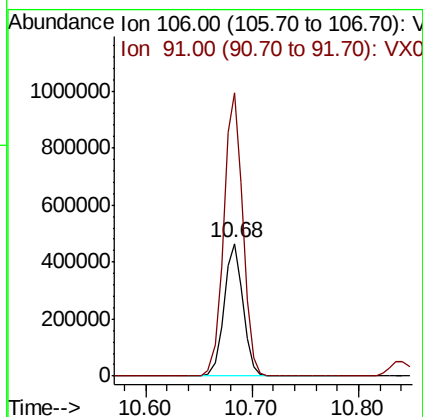
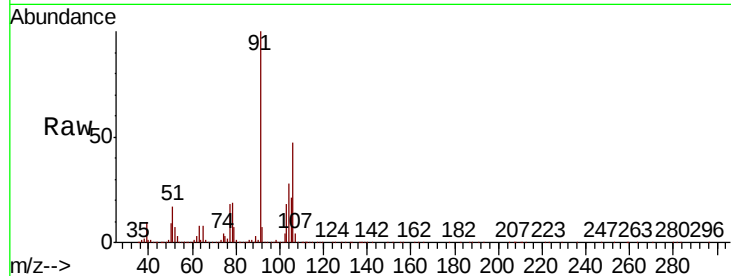




#69
o-Xylene
Concen: 47.636 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

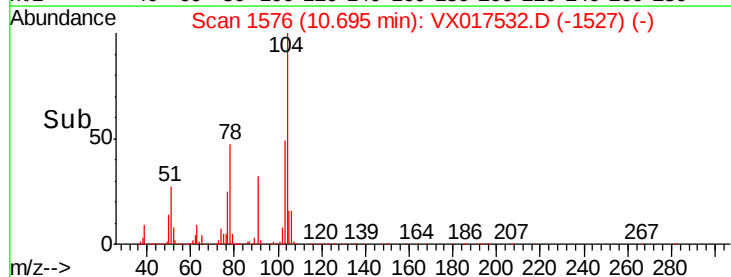
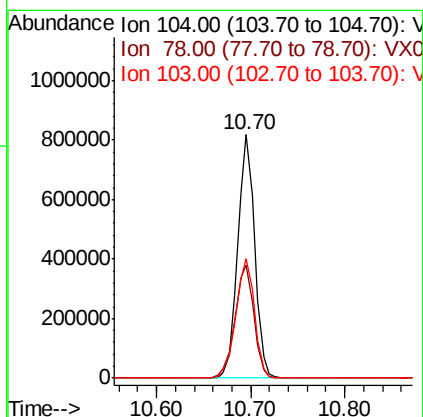
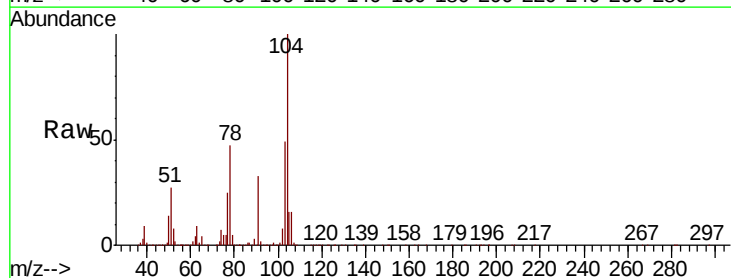
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

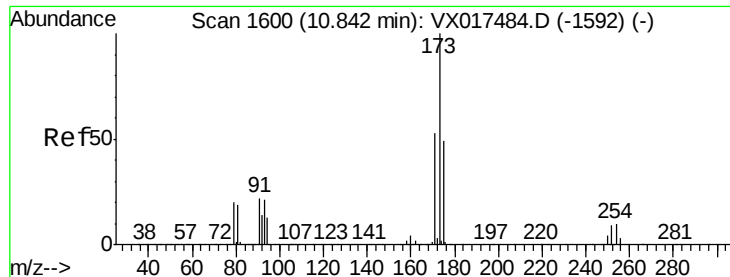
Tot Ion:106 Resp: 575767
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



#70
Styrene
Concen: 49.656 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:104 Resp: 1021151
Ion Ratio Lower Upper
104 100
78 51.7 42.5 63.7
103 53.9 44.3 66.5





#71

Bromoform

Concen: 48.022 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

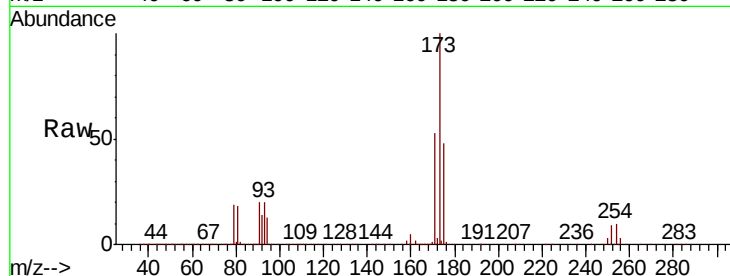
Tot Ion:173 Resp: 326316

Ion Ratio Lower Upper

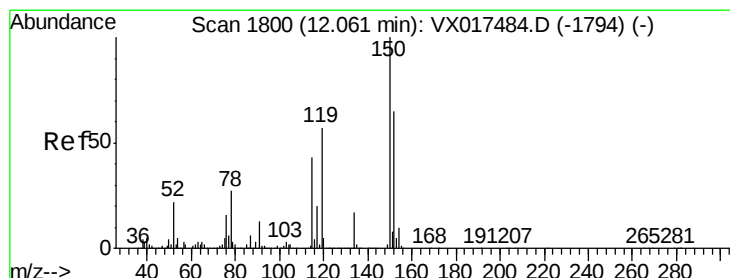
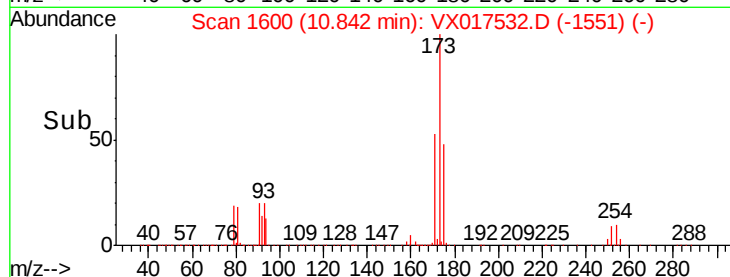
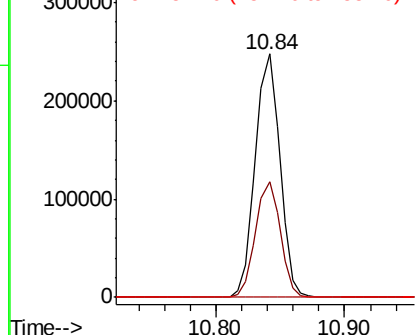
173 100

175 48.2 23.8 71.5

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: VX017532.D

Acq: 24 Jul 2020 10:44

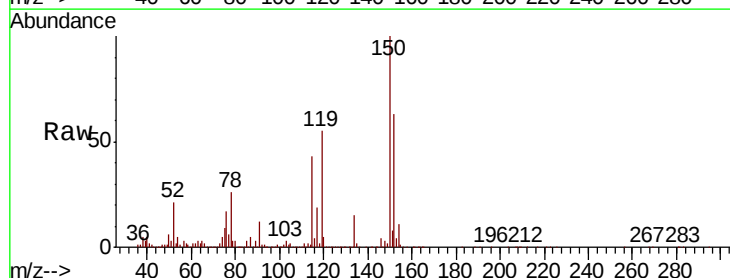
Tgt Ion:152 Resp: 490555

Ion Ratio Lower Upper

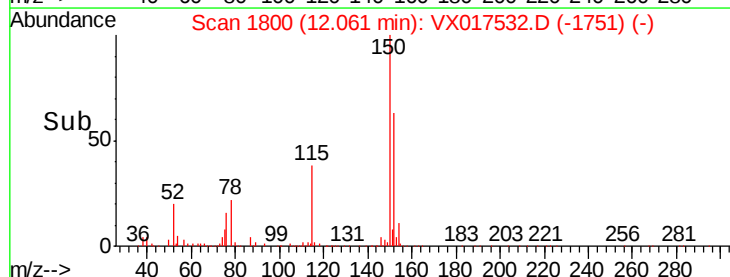
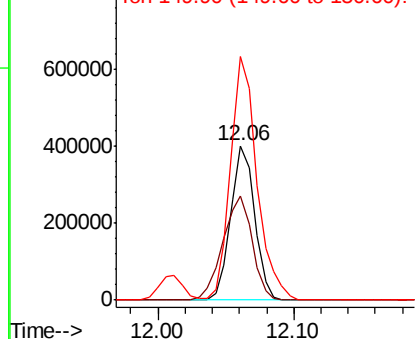
152 100

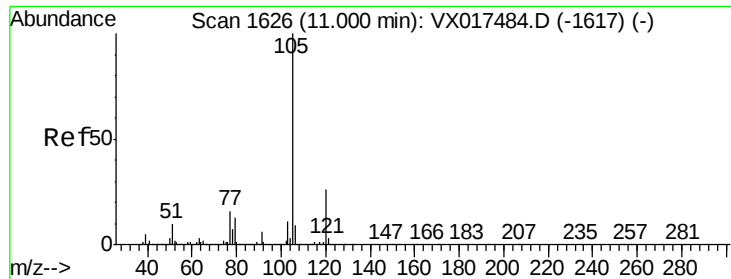
115 82.0 65.5 196.6

150 173.4 0.0 412.6



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





#73

Isopropylbenzene

Concen: 47.249 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

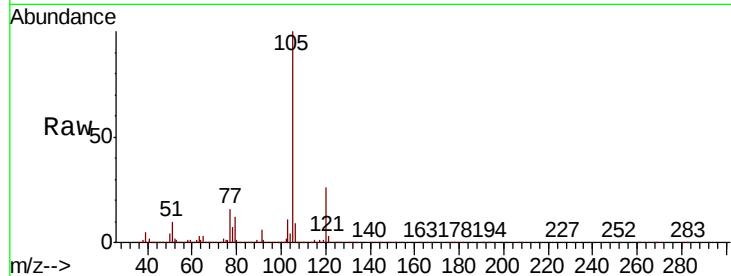
VSTDCCC050

Tot Ion:105 Resp: 1590080

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

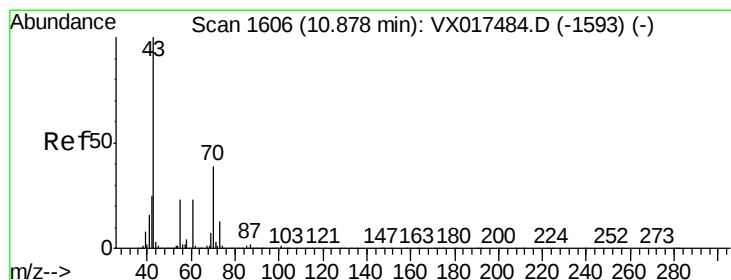
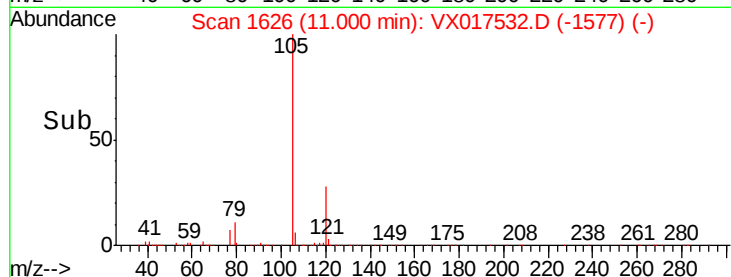
11.00

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 47.839 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Tgt Ion: 43 Resp: 715294

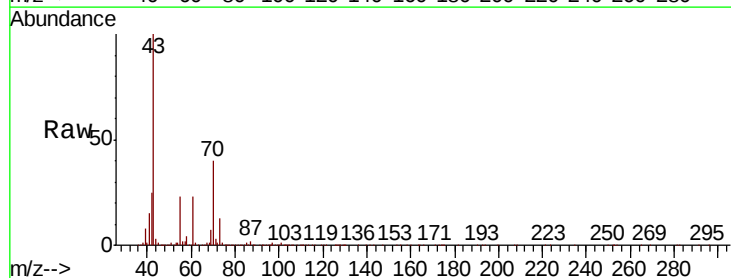
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 23.9 18.4 27.6

61 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

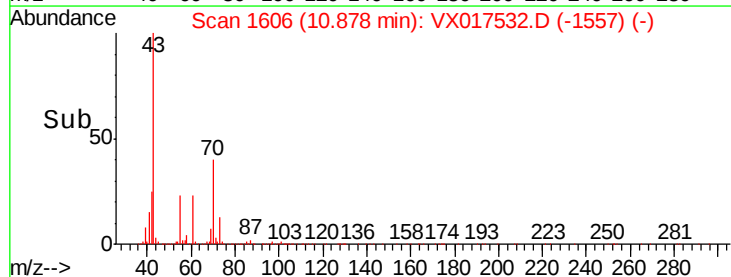
600000 Ion 61.00 (60.70 to 61.70): VX0

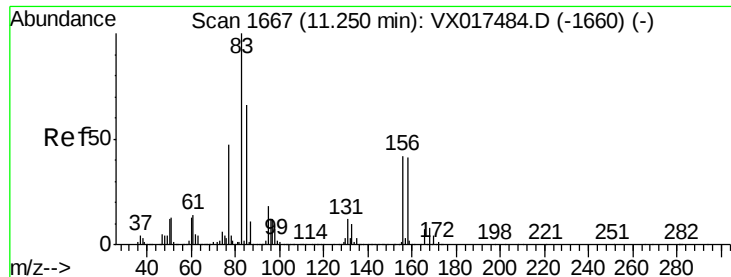
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.080 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

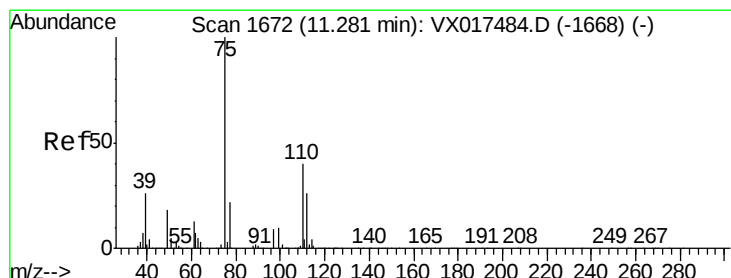
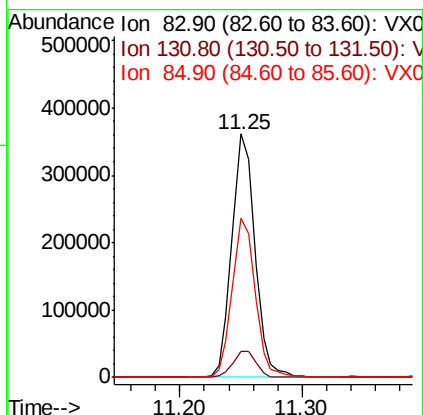
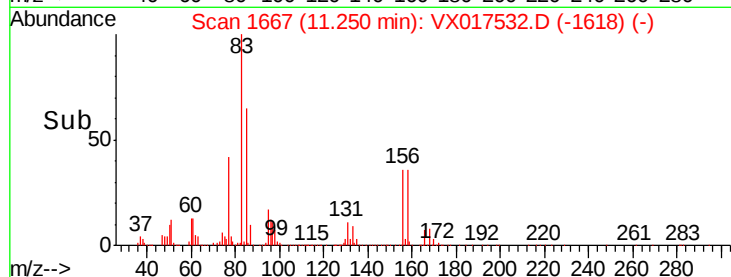
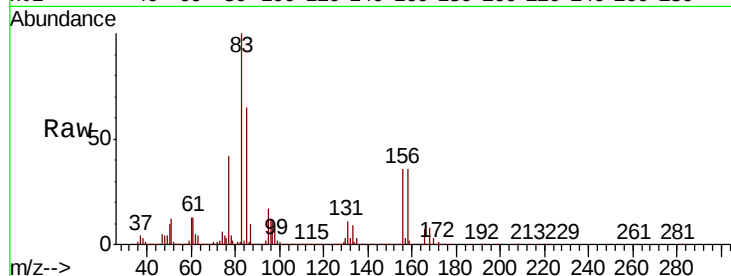
Tot Ion: 83 Resp: 473533

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

85 65.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 60.264 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017532.D

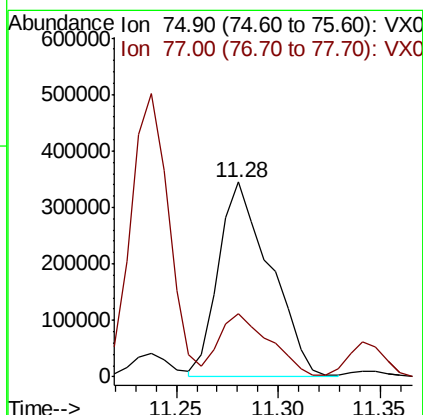
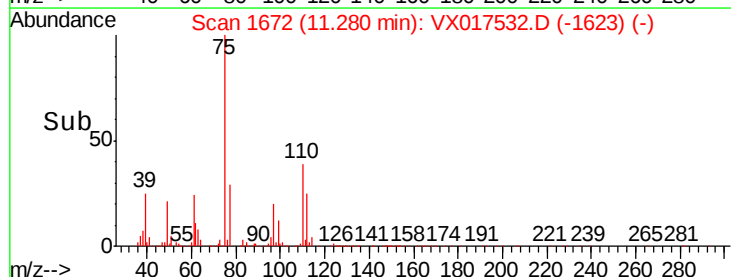
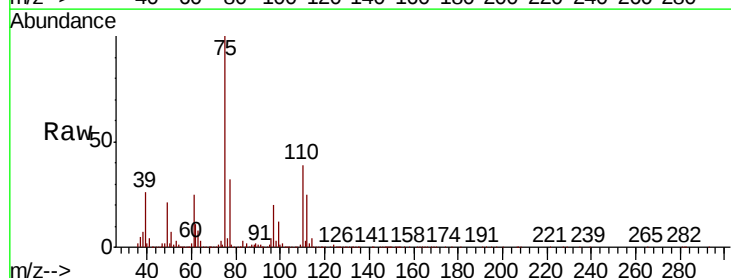
Acq: 24 Jul 2020 10:44

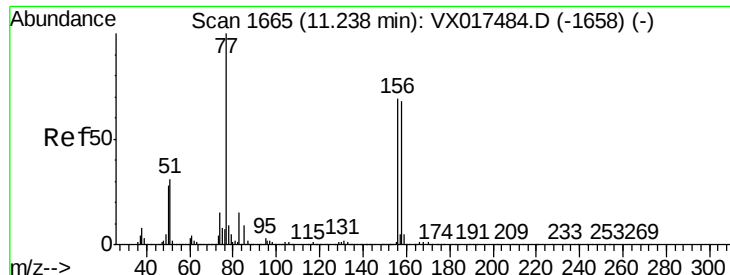
Tgt Ion: 75 Resp: 608122

Ion Ratio Lower Upper

75 100

77 31.8 21.8 65.3





#77

Bromobenzene

Concen: 45.643 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

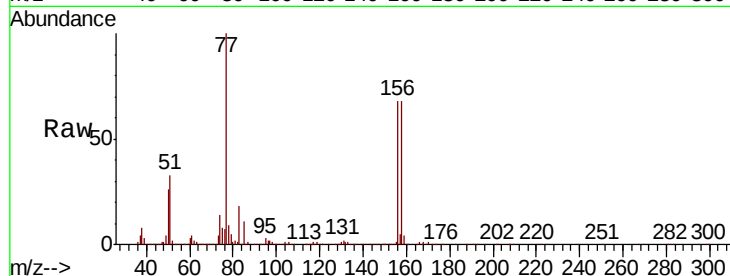
Tot Ion:156 Resp: 430010

Ion Ratio Lower Upper

156 100

77 151.1 75.0 225.0

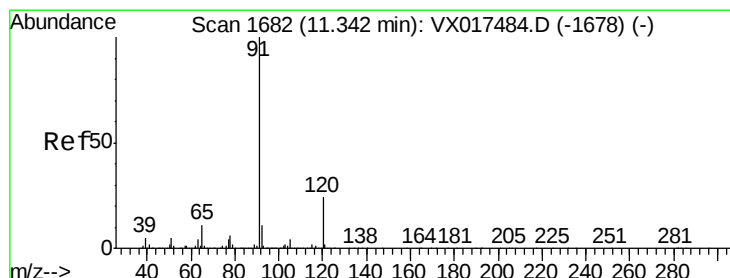
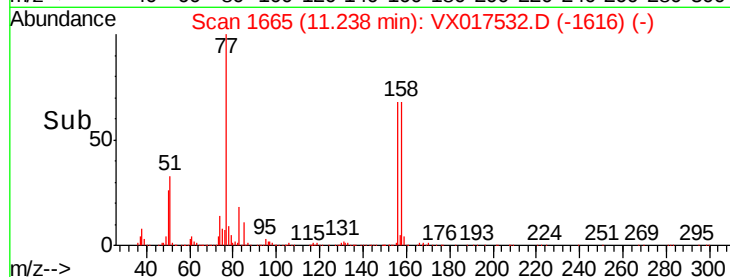
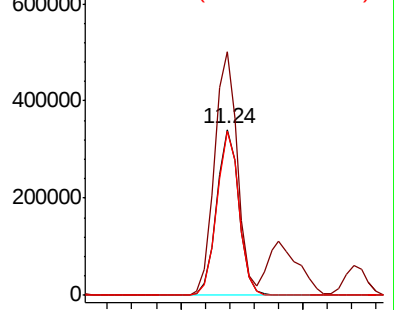
158 98.9 49.1 147.3



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: 47.902 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017532.D

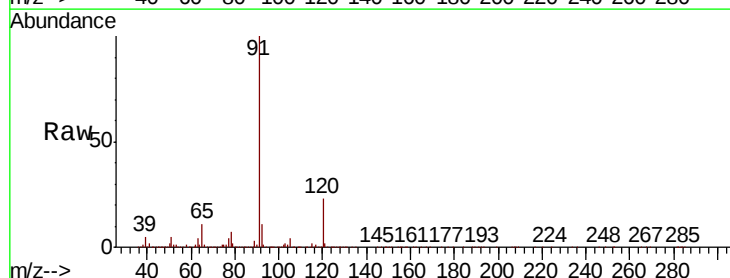
Acq: 24 Jul 2020 10:44

Tgt Ion: 91 Resp: 1818147

Ion Ratio Lower Upper

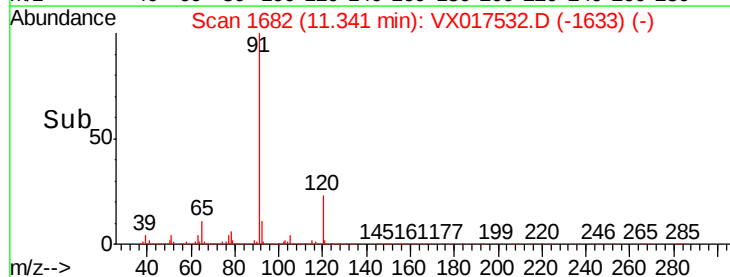
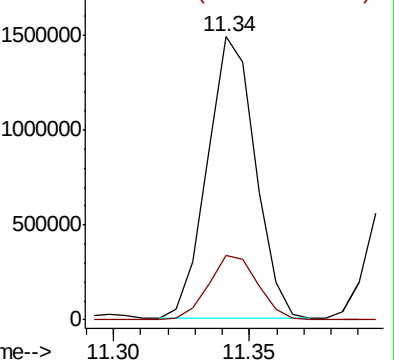
91 100

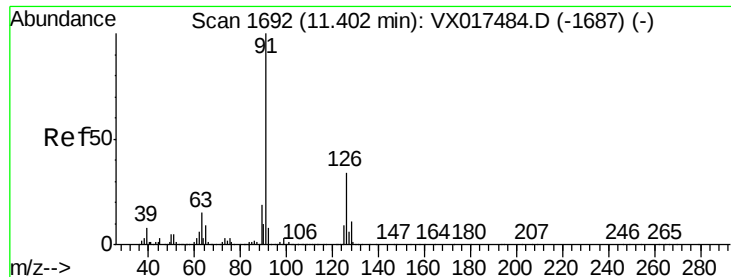
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.870 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

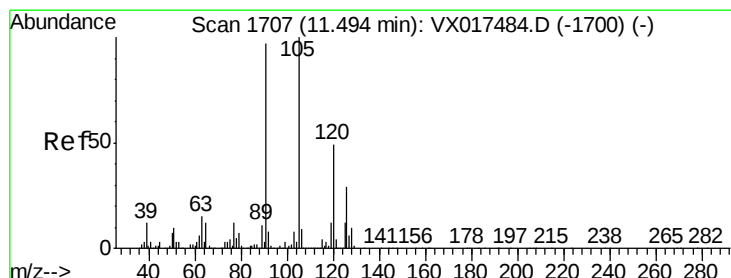
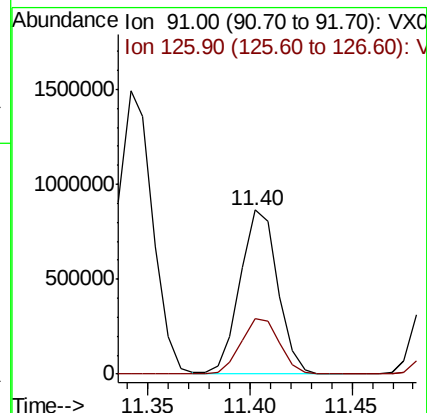
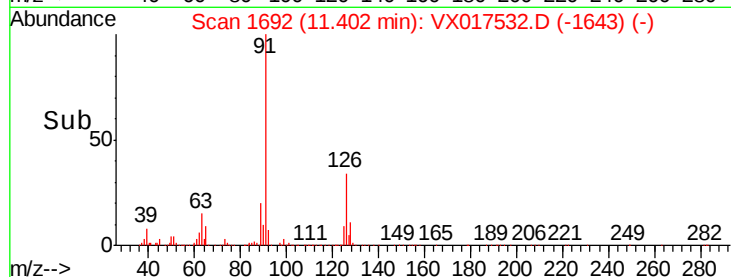
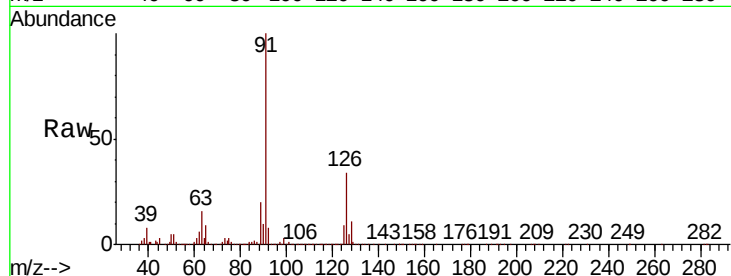
VSTDCCC050

Tot Ion: 91 Resp: 1101984

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 48.488 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017532.D

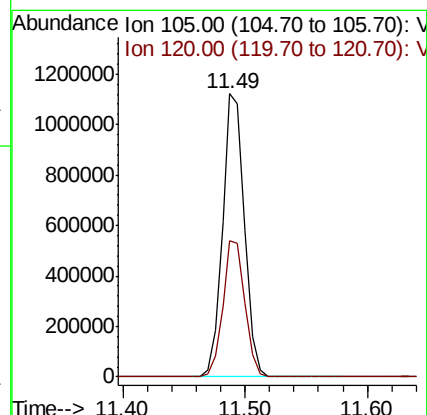
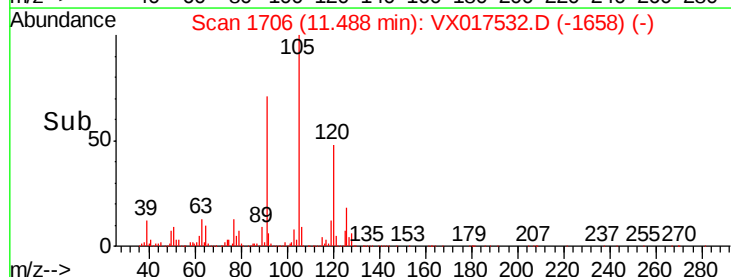
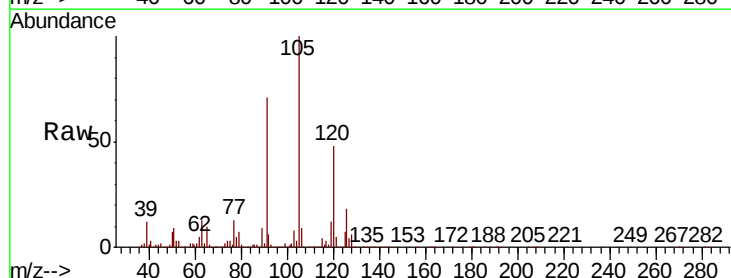
Acq: 24 Jul 2020 10:44

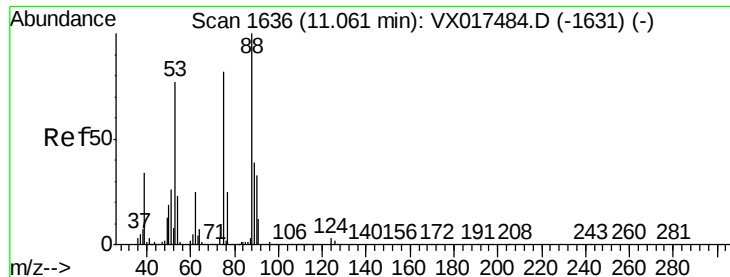
Tgt Ion: 105 Resp: 1393223

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.990 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

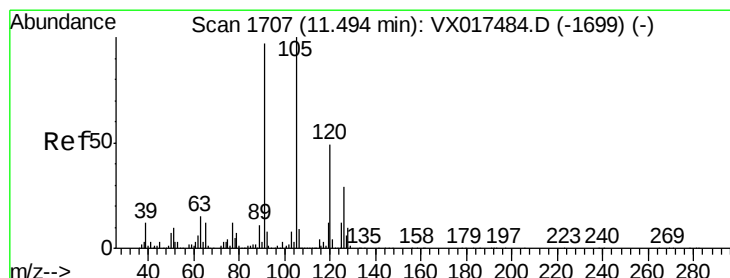
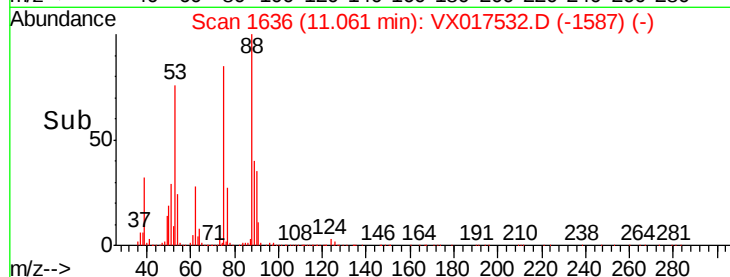
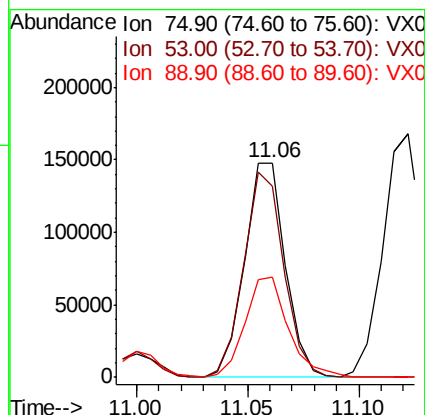
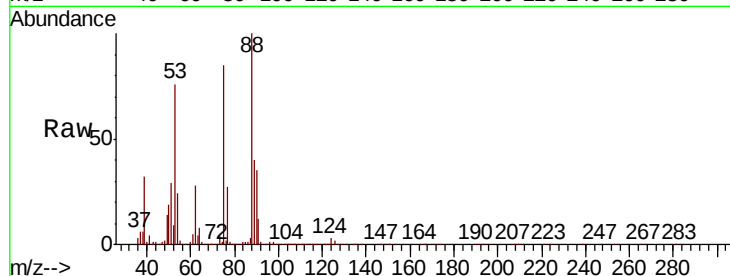
Tot Ion: 75 Resp: 188179

Ion Ratio Lower Upper

75 100

53 95.0 75.9 113.9

89 50.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 47.243 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017532.D

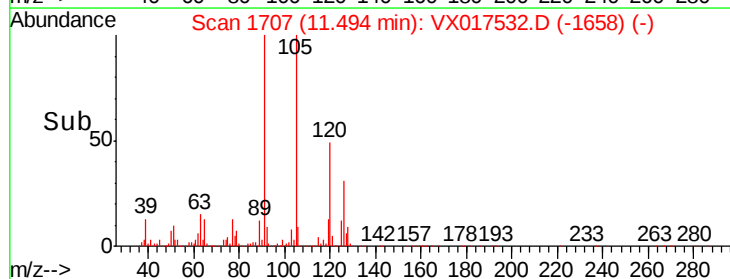
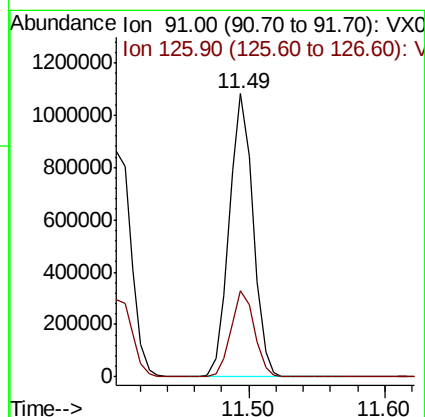
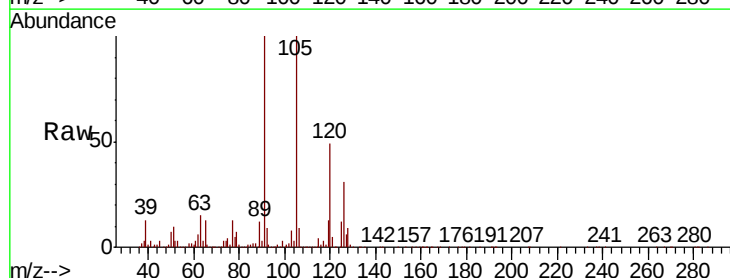
Acq: 24 Jul 2020 10:44

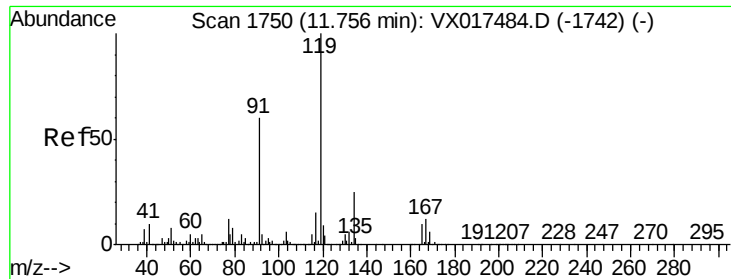
Tgt Ion: 91 Resp: 1310266

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6





#83

tert-Butylbenzene

Concen: 48.750 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

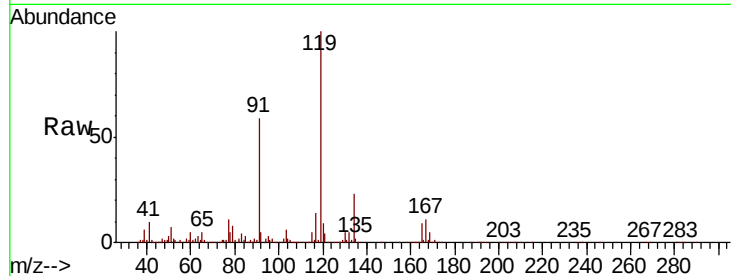
Tot Ion:119 Resp: 1340318

Ion Ratio Lower Upper

119 100

91 58.3 29.3 88.0

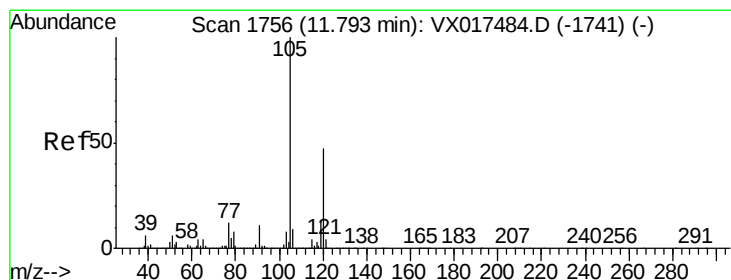
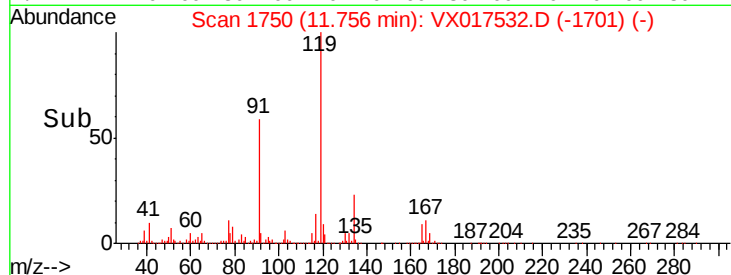
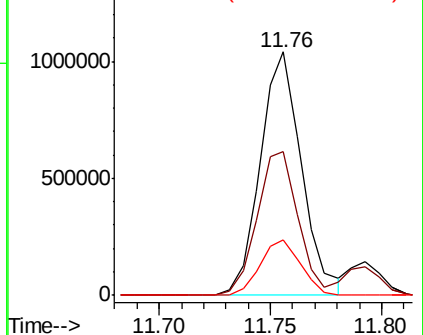
134 22.5 11.2 33.6



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: 49.503 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017532.D

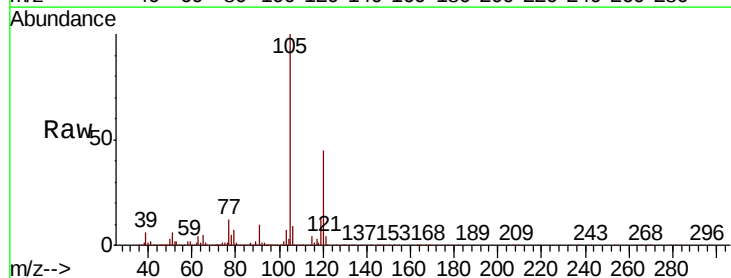
Acq: 24 Jul 2020 10:44

Tgt Ion:105 Resp: 1414737

Ion Ratio Lower Upper

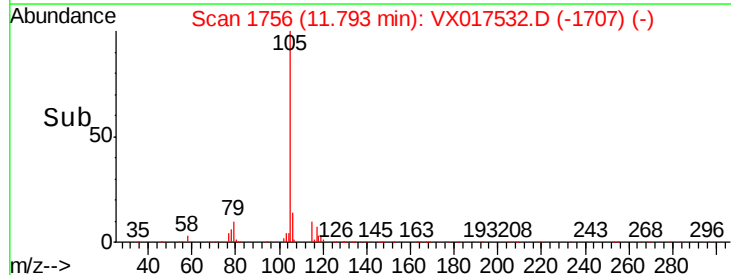
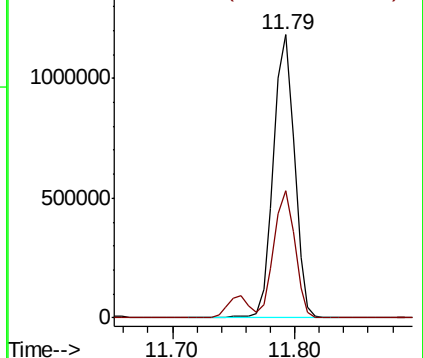
105 100

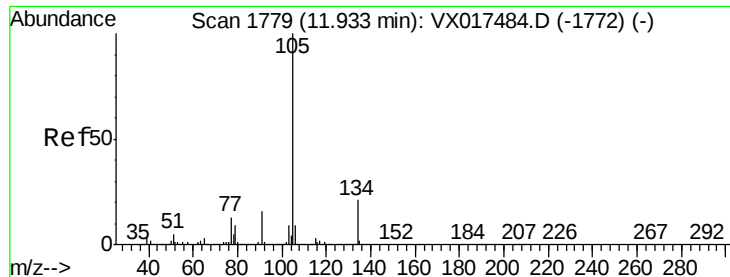
120 44.8 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.710 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

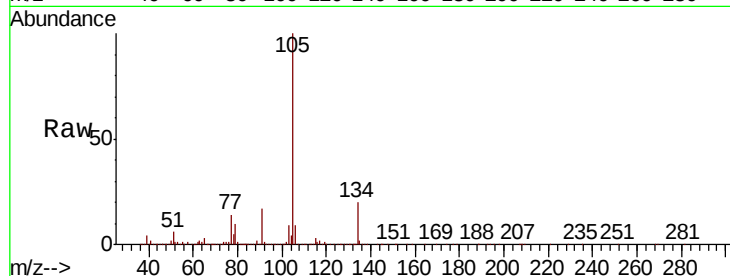
VSTDCCC050

Tot Ion:105 Resp: 1560088

Ion Ratio Lower Upper

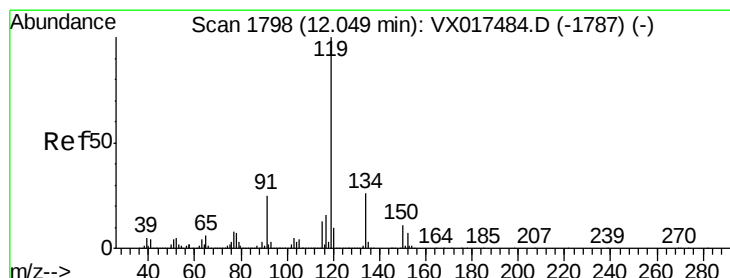
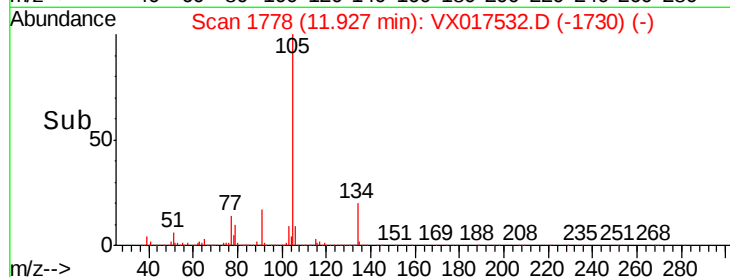
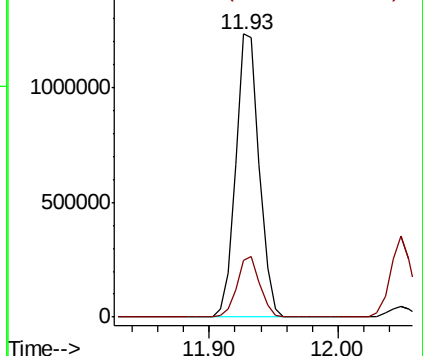
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.521 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

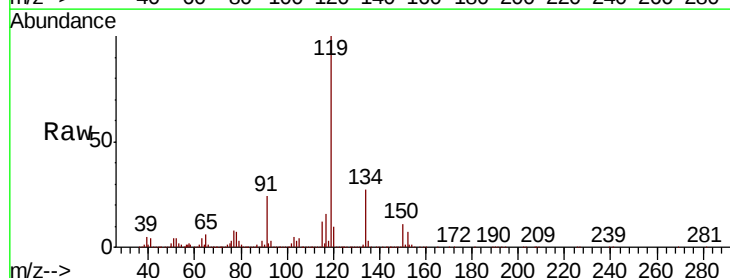
Tgt Ion:119 Resp: 1510396

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

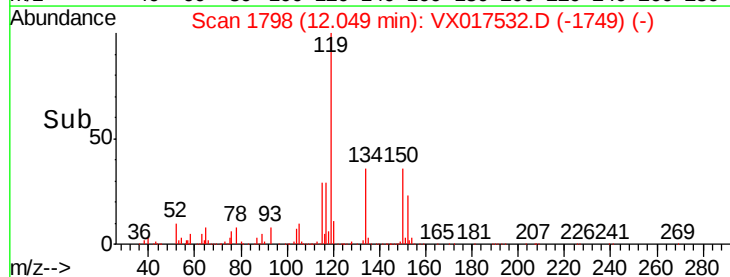
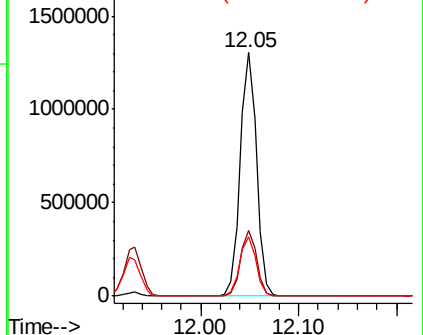
91 24.3 12.1 36.3

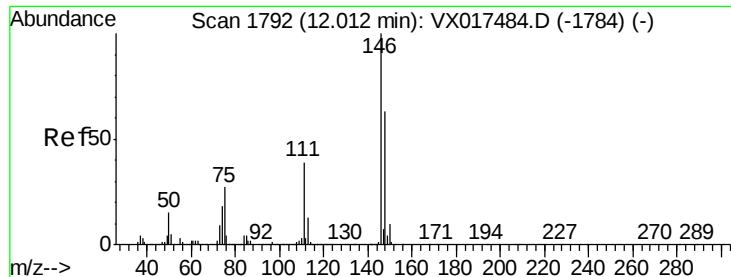


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

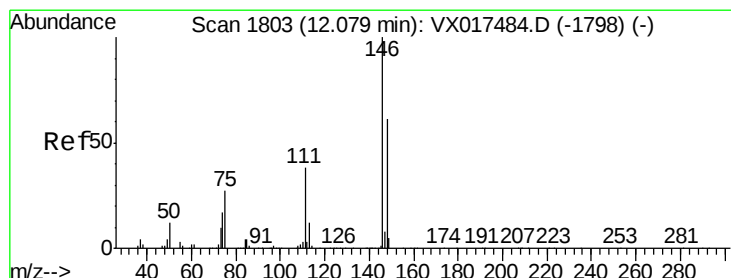
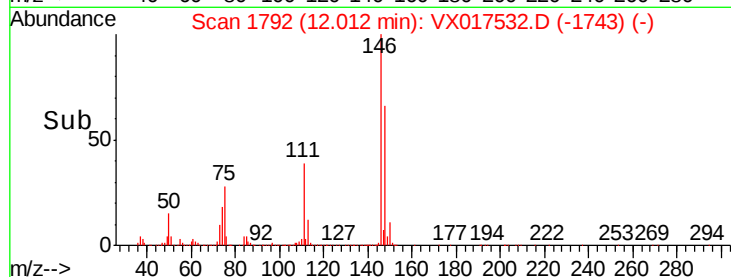
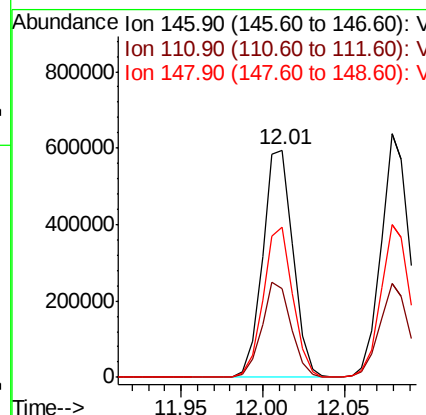
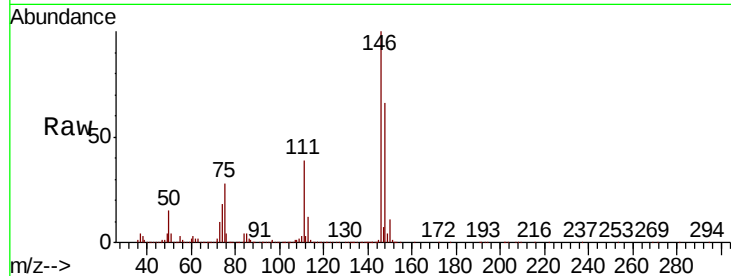




#87
 1,3-Dichlorobenzene
 Concen: 47.343 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

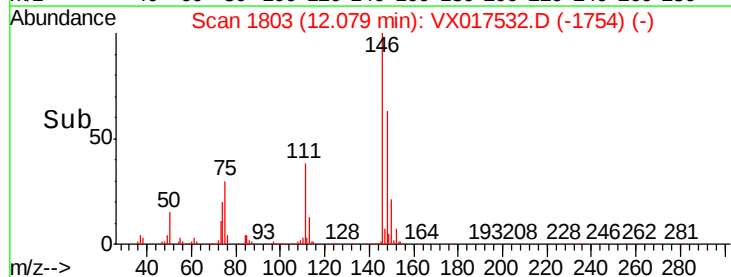
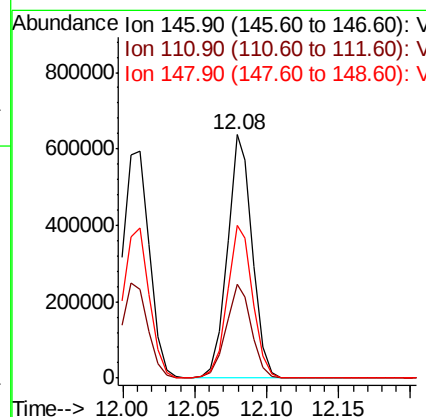
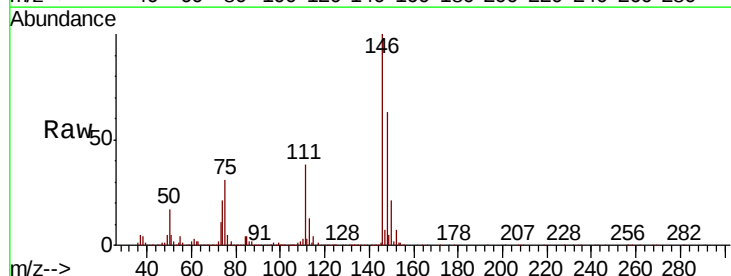
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

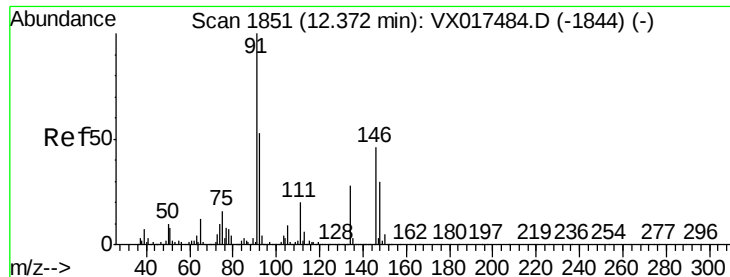
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	64.3	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.027 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	64.1	32.2	96.6

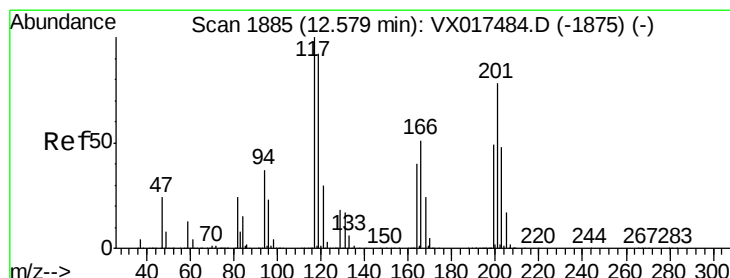
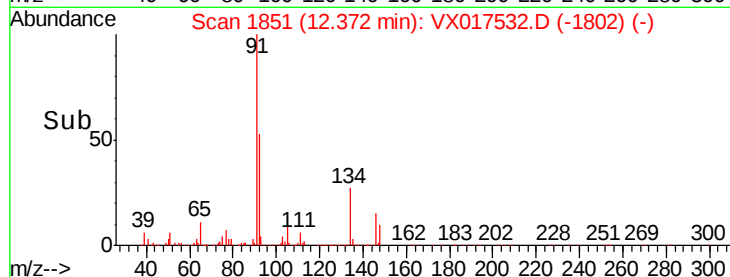
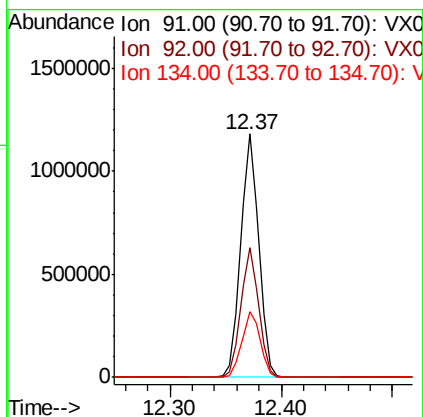
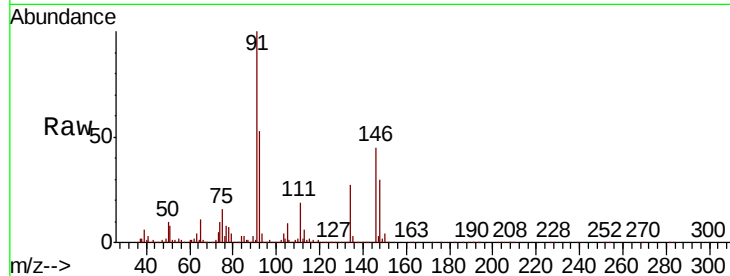




#89
n-Butylbenzene
Concen: 48.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

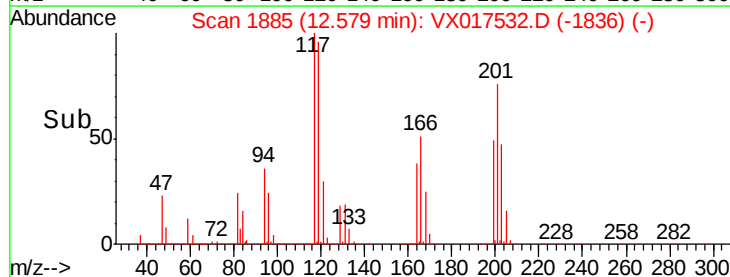
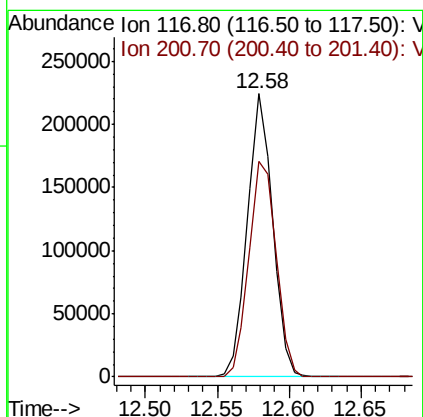
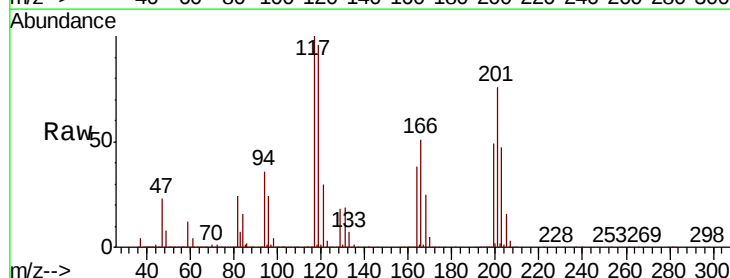
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

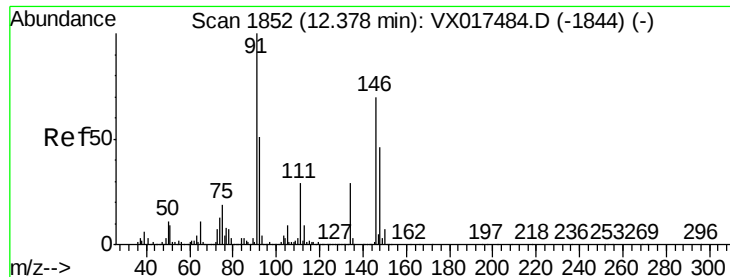
Tot Ion: 91 Resp: 1321107
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 45.198 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion: 117 Resp: 271781
Ion Ratio Lower Upper
117 100
201 82.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 45.201 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

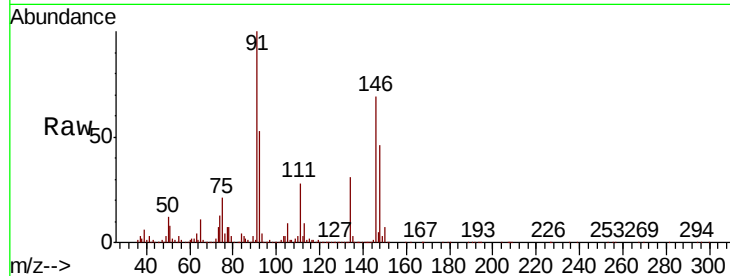
Tot Ion:146 Resp: 718724

Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.8

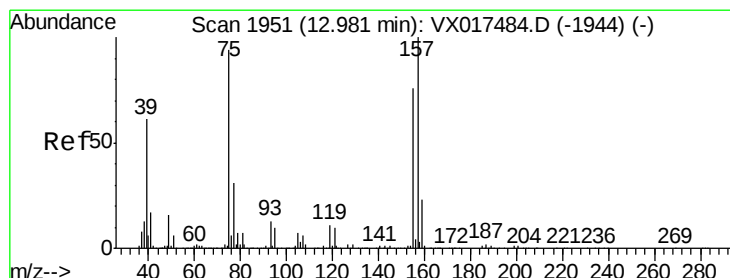
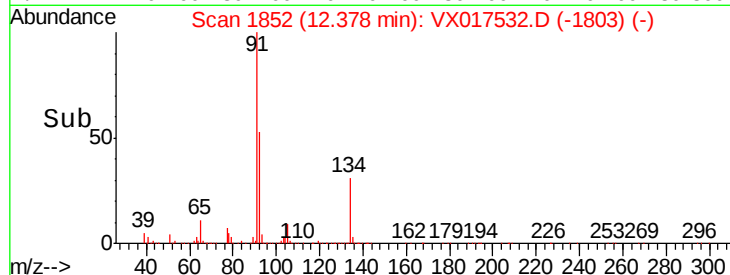
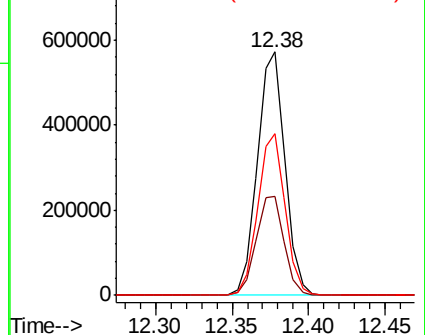
148 65.6 32.8 98.4



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: 41.795 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017532.D

Acq: 24 Jul 2020 10:44

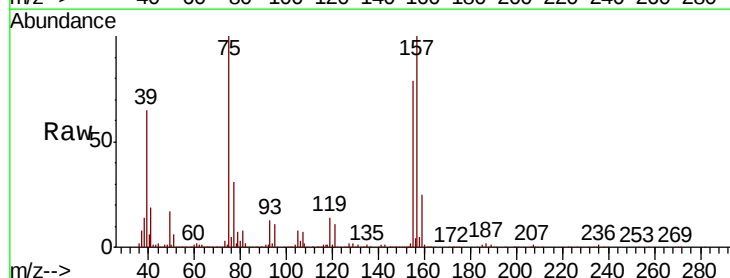
Tgt Ion: 75 Resp: 122832

Ion Ratio Lower Upper

75 100

155 84.3 42.3 126.8

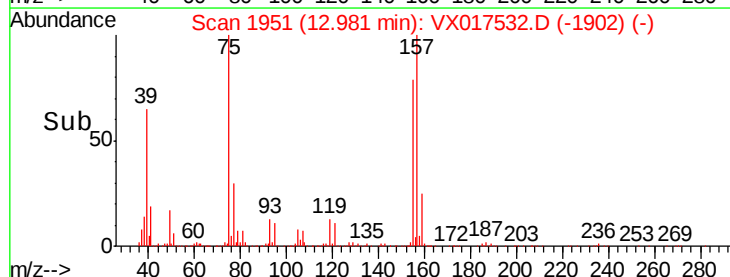
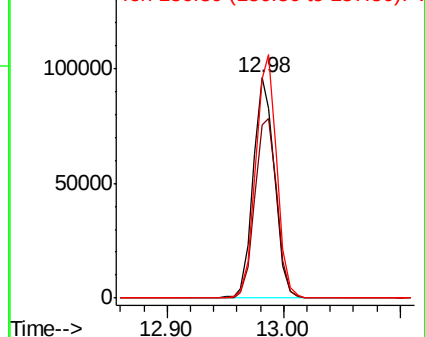
157 108.5 54.3 162.9

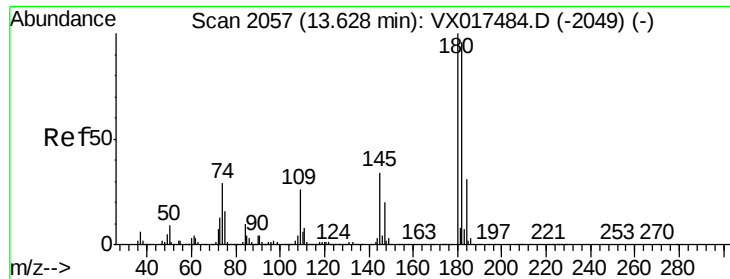


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

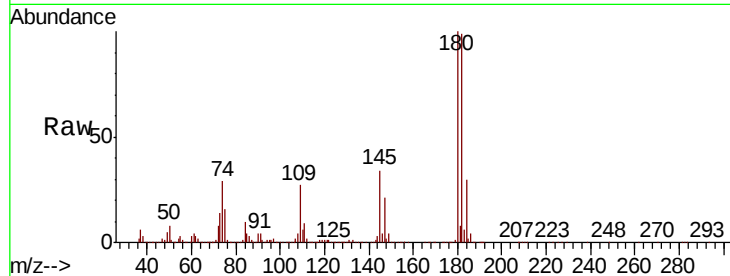




#93
 1,2,4-Trichlorobenzene
 Concen: 47.340 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	31.9	15.4	46.4

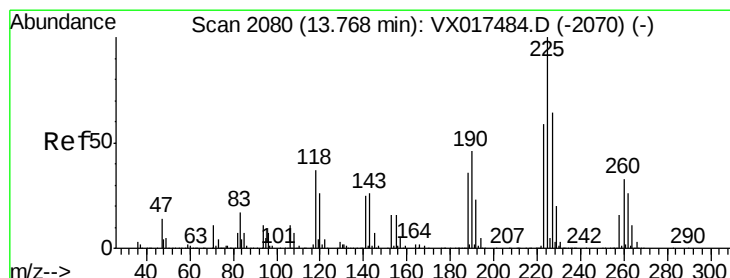
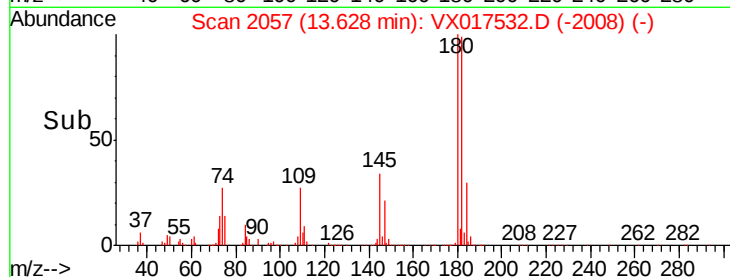
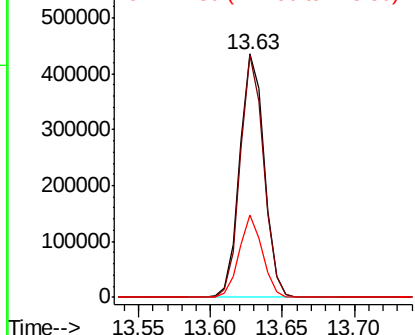


Abundance

Ion 179.80 (179.50 to 180.50): V

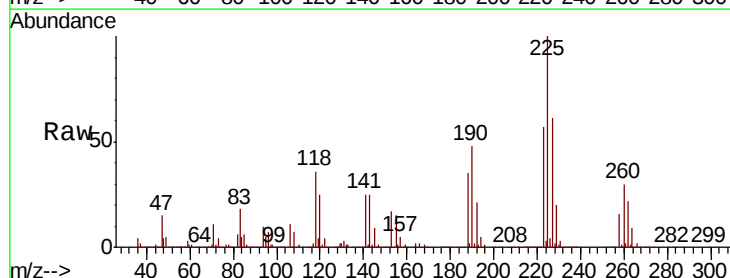
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.927 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017532.D
 Acq: 24 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.3	90.9
227	61.8	31.1	93.2

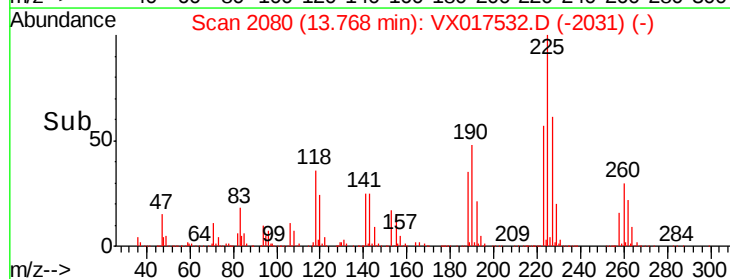
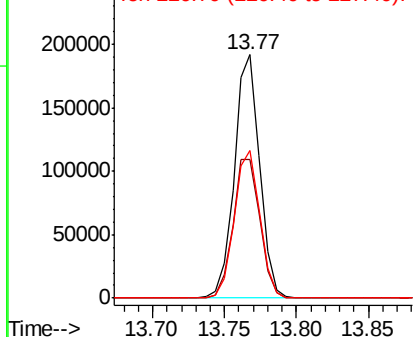


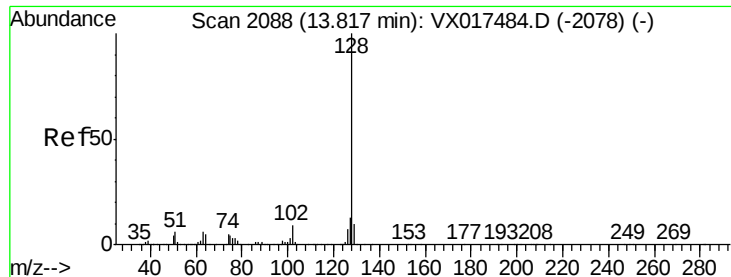
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

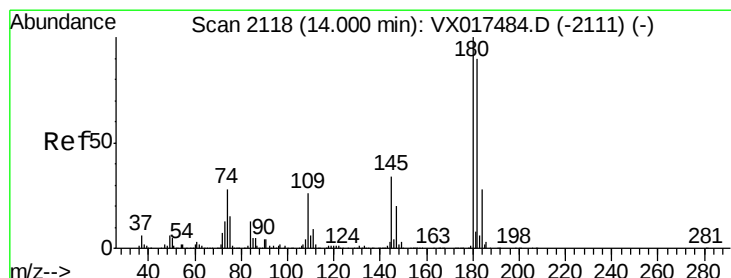
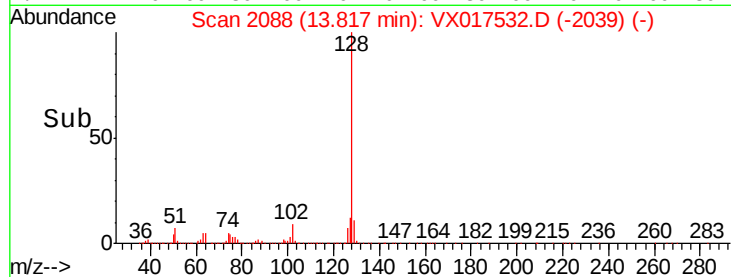
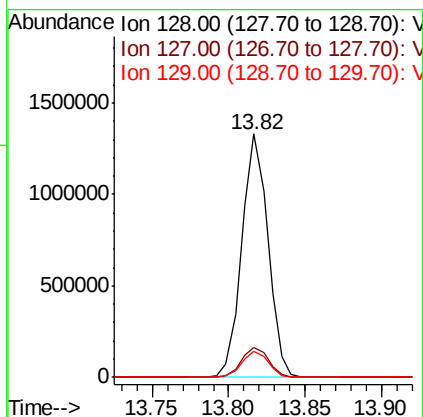
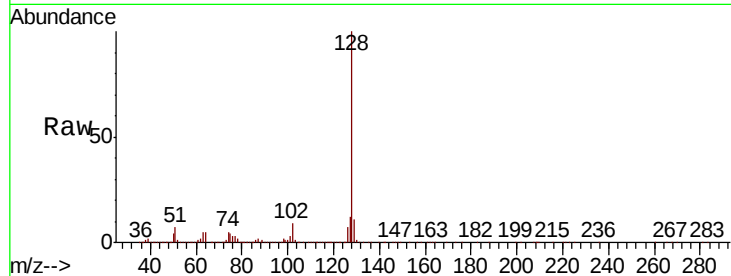




#95
Naphthalene
Concen: 48.789 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1580544
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.669 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017532.D
Acq: 24 Jul 2020 10:44

Tgt Ion:180 Resp: 500064
Ion Ratio Lower Upper
180 100
182 98.5 47.4 142.3
145 33.5 16.3 48.9

