

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017530.D
 Acq On : 24 Jul 2020 06:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 24 07:40:27 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	550363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	863353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	861290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467444	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	380642	53.84	ug/l	0.00
Spiked Amount			Recovery	=	107.68%	
35) Dibromofluoromethane	5.46	113	295894	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
50) Toluene-d8	8.70	98	1098675	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.12	95	455221	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	285125	55.962	ug/l	98
3) Chloromethane	1.31	50	312238	45.927	ug/l	100
4) Vinyl Chloride	1.39	62	321433	46.412	ug/l	99
5) Bromomethane	1.62	94	183472	49.242	ug/l	95
6) Chloroethane	1.71	64	190765	49.951	ug/l	97
7) Trichlorofluoromethane	1.91	101	512924	47.086	ug/l	99
8) Diethyl Ether	2.17	74	173633	49.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	267056	44.674	ug/l	97
10) Methyl Iodide	2.49	142	317252	41.483	ug/l	99
11) Tert butyl alcohol	3.02	59	413451	277.486	ug/l	99
12) 1,1-Dichloroethene	2.36	96	262276	46.137	ug/l	98
13) Acrolein	2.28	56	242334	213.638	ug/l	100
14) Allyl chloride	2.70	41	486543	46.873	ug/l	99
15) Acrylonitrile	3.12	53	838981	260.699	ug/l	99
16) Acetone	2.42	43	796920	256.112	ug/l	98
17) Carbon Disulfide	2.55	76	808210	46.775	ug/l	99
18) Methyl Acetate	2.75	43	375248	51.206	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	974449	49.525	ug/l	99
20) Methylene Chloride	2.84	84	312833	53.471	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	307315	50.463	ug/l	95
22) Diisopropyl ether	3.82	45	982180	51.749	ug/l	# 88
23) Vinyl Acetate	3.79	43	4483470	264.940	ug/l	99
24) 1,1-Dichloroethane	3.67	63	553505	50.626	ug/l	99
25) 2-Butanone	4.64	43	1241365	280.829	ug/l	98
26) 2,2-Dichloropropane	4.55	77	307783	31.449	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	334585	50.583	ug/l	95
28) Bromochloromethane	4.98	49	240522	48.546	ug/l	99
29) Tetrahydrofuran	5.09	42	783971	286.321	ug/l	99
30) Chloroform	5.18	83	580486	51.962	ug/l	99
31) Cyclohexane	5.55	56	467307	53.598	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	539637	51.226	ug/l	100
36) 1,1-Dichloropropene	5.77	75	425294	51.362	ug/l	99
37) Ethyl Acetate	4.79	43	474145	52.334	ug/l	100
38) Carbon Tetrachloride	5.75	117	505178	50.240	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	464987	48.104	ug/l	100
40) Benzene	6.12	78	1213181	51.104	ug/l	98
41) Methacrylonitrile	5.01	41	264022	50.841	ug/l	99
42) 1,2-Dichloroethane	6.17	62	494298	50.896	ug/l	98
43) Isopropyl Acetate	6.42	43	766215	51.257	ug/l	99
44) Trichloroethene	7.19	130	353223	50.914	ug/l	99
45) 1,2-Dichloropropane	7.49	63	325800	49.507	ug/l	100
46) Dibromomethane	7.64	93	226749	48.755	ug/l	99
47) Bromodichloromethane	7.88	83	480142	51.308	ug/l	97
48) Methyl methacrylate	7.75	41	393041	53.043	ug/l	99
49) 1,4-Dioxane	7.71	88	170152	1197.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2487726	278.920	ug/l	98
52) Toluene	8.76	92	797610	52.390	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	504512	48.161	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	518251	48.503	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	334218	52.698	ug/l	98
56) Ethyl methacrylate	9.16	69	518893	54.306	ug/l	99
57) 1,3-Dichloropropane	9.35	76	548188	52.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1248703	248.055	ug/l	100
59) 2-Hexanone	9.48	43	1934945	288.148	ug/l	100
60) Dibromochloromethane	9.57	129	424003	52.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	367013	54.355	ug/l	100
64) Tetrachloroethene	9.32	164	354862	45.905	ug/l	96
65) Chlorobenzene	10.12	112	909844	48.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	361413	48.035	ug/l	99
67) Ethyl Benzene	10.24	91	1558884	50.093	ug/l	98
68) m/p-Xylenes	10.34	106	1197882	99.362	ug/l	97
69) o-Xylene	10.68	106	568327	49.015	ug/l	97
70) Styrene	10.70	104	1017851	51.595	ug/l	99
71) Bromoform	10.84	173	320244	49.127	ug/l #	99
73) Isopropylbenzene	11.00	105	1592775	49.669	ug/l	100
74) N-amyl acetate	10.88	43	733837	51.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	479328	47.888	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	592647	61.634	ug/l	82
77) Bromobenzene	11.24	156	431872	48.107	ug/l	98
78) n-propylbenzene	11.35	91	1829185	50.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	1089005	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1378557	50.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	156375	40.978	ug/l	98
82) 4-Chlorotoluene	11.49	91	1299226	49.161	ug/l	100
83) tert-Butylbenzene	11.76	119	1323269	50.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1387602	50.954	ug/l	99
85) sec-Butylbenzene	11.93	105	1552537	50.871	ug/l	100
86) p-Isopropyltoluene	12.05	119	1468825	50.539	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	732025	47.484	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	748639	46.882	ug/l	99
89) n-Butylbenzene	12.37	91	1235928	47.724	ug/l	100
90) Hexachloroethane	12.58	117	274210	47.856	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	710346	46.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	125328	44.570	ug/l	98

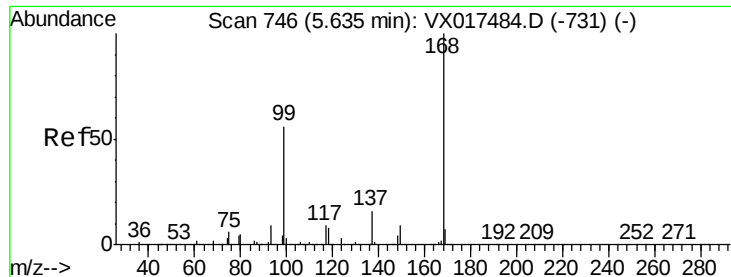
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	500964	48.445	ug/l	100
94) Hexachlorobutadiene	13.77	225	213659	44.886	ug/l	97
95) Naphthalene	13.82	128	1610782	52.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	503975	49.359	ug/l	100

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

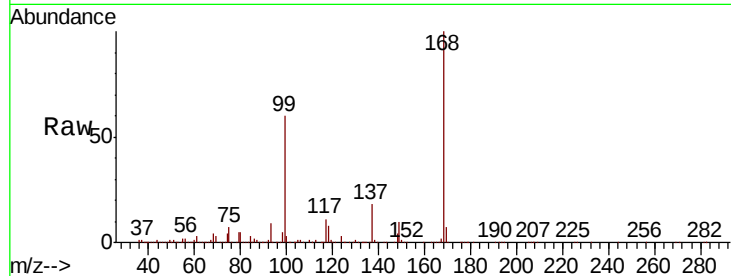


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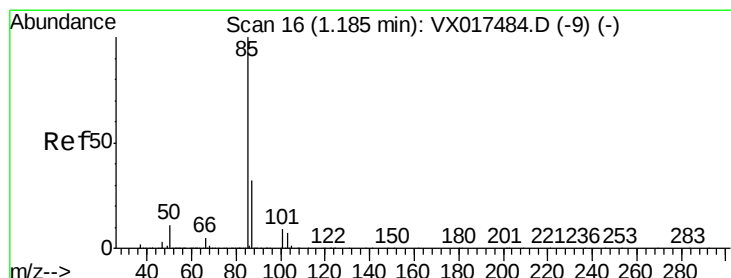
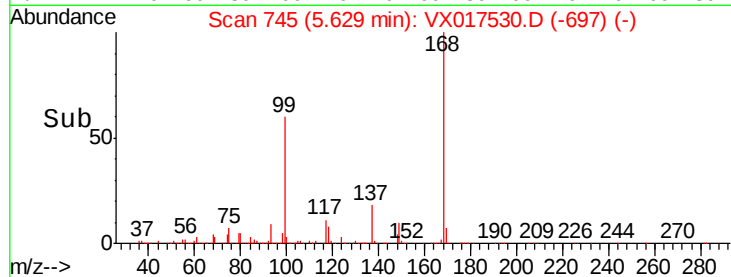
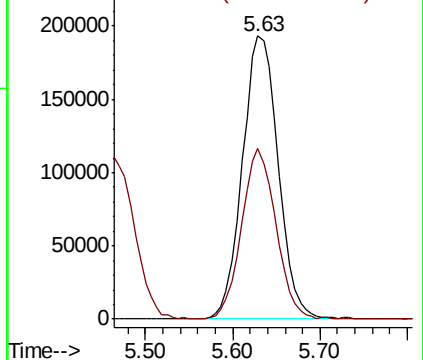
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

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Tot Ion:168 Resp: 550363
 Ion Ratio Lower Upper
 168 100
 99 60.1 43.4 65.2



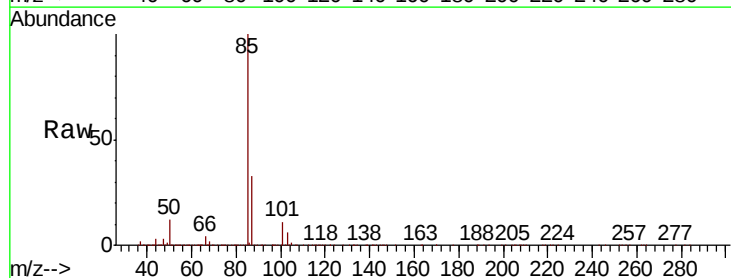
Abundance Ion 167.90 (167.60 to 168.60): VX017484.D (-731) (-)
 Ion 98.90 (98.60 to 99.60): VX017484.D (-731) (-)



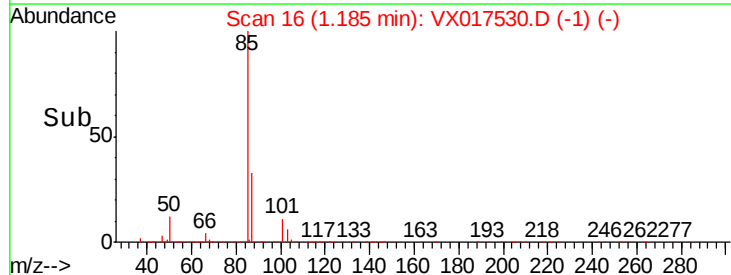
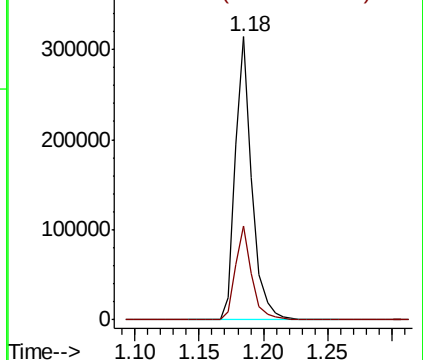
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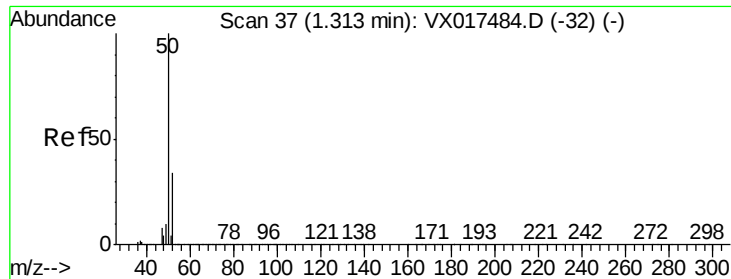
Dichlorodifluoromethane
 Concen: 55.962 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion: 85 Resp: 285125
 Ion Ratio Lower Upper
 85 100
 87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX017484.D (-9) (-)
 Ion 86.90 (86.60 to 87.60): VX017484.D (-9) (-)

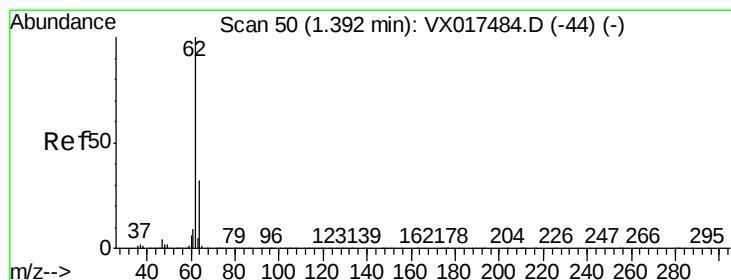
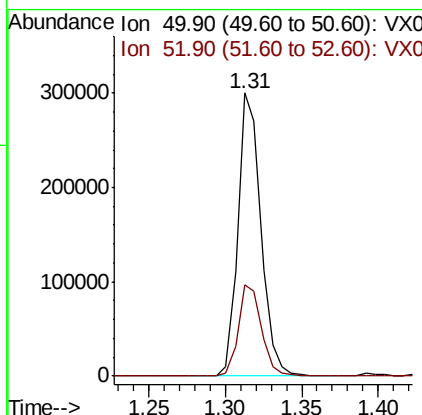
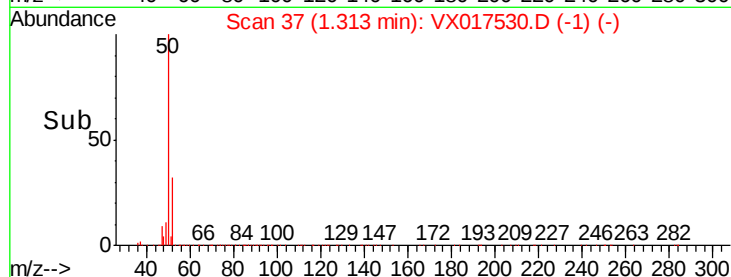
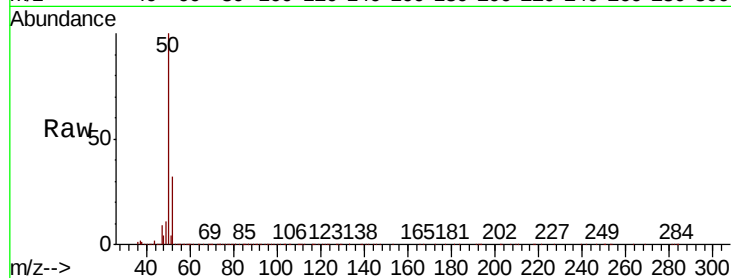




#3
Chloromethane
Concen: 45.927 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

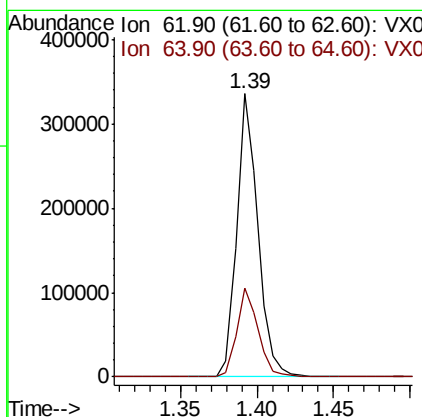
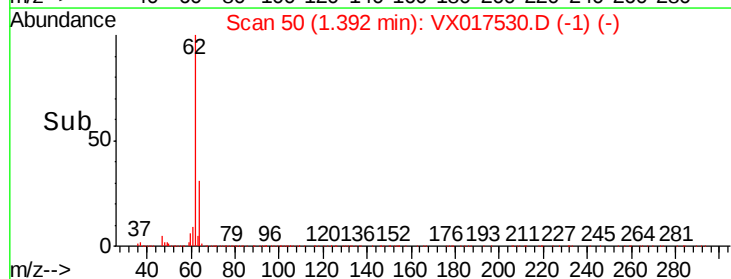
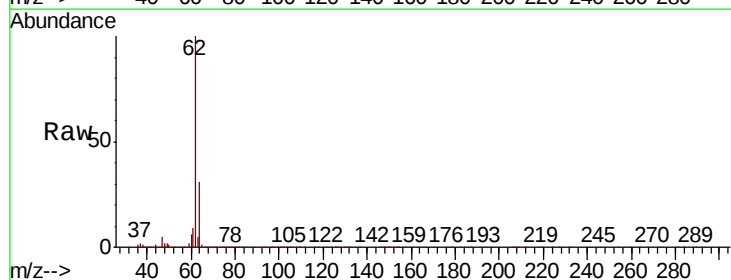
Instrument :
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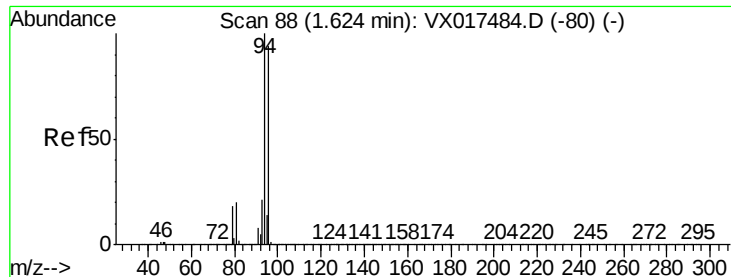
Tot Ion: 50 Resp: 312238
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 46.412 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 62 Resp: 321433
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5

Bromomethane

Concen: 49.242 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

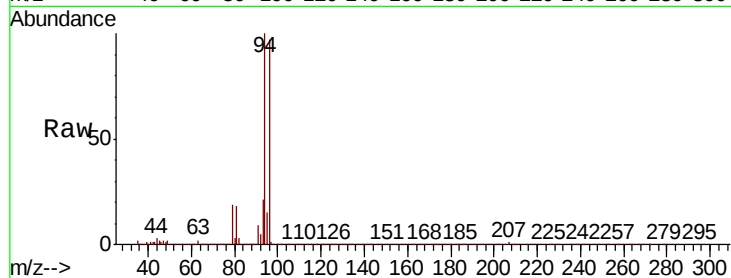
VSTDCCC050EC

Tot Ion: 94 Resp: 183472

Ion Ratio Lower Upper

94 100

96 97.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

150000

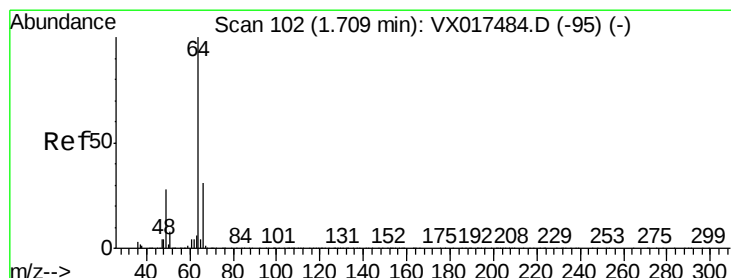
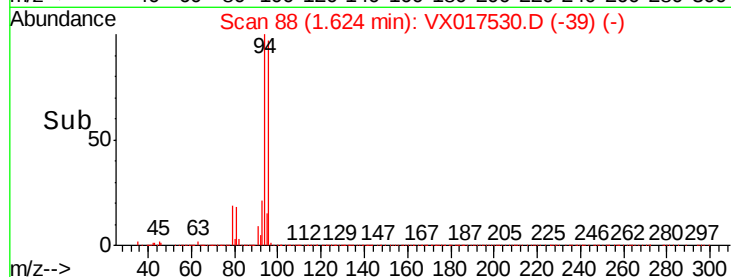
100000

50000

0

Time-->

1.55 1.60 1.65



#6

Chloroethane

Concen: 49.951 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017530.D

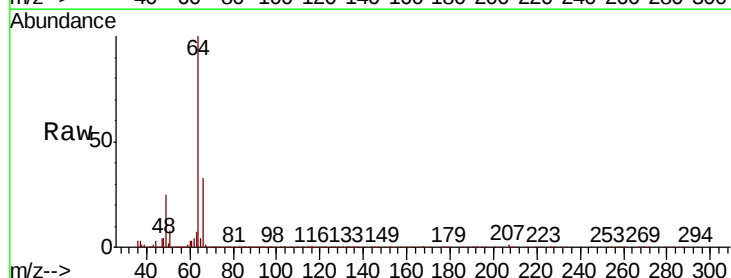
Acq: 24 Jul 2020 06:48

Tgt Ion: 64 Resp: 190765

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

150000

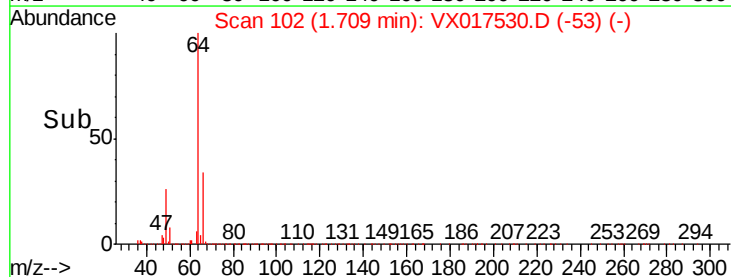
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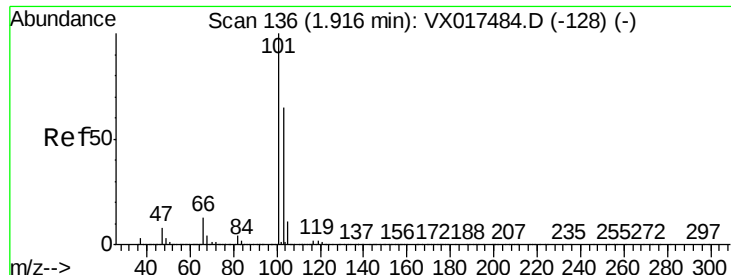
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Time-->

1.65 1.70 1.75 1.80



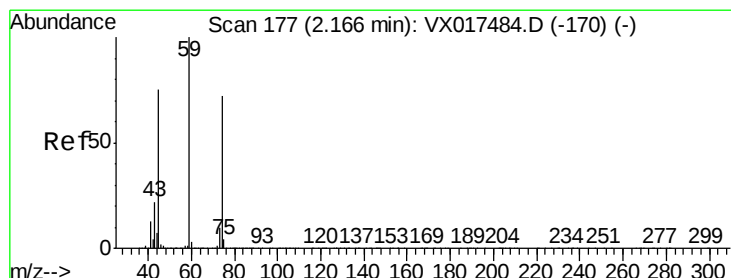
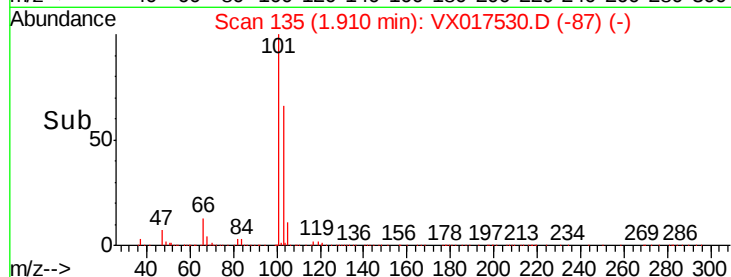
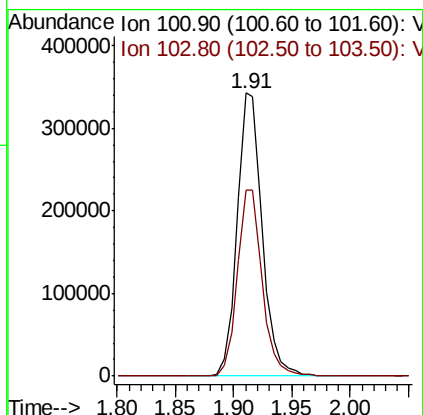
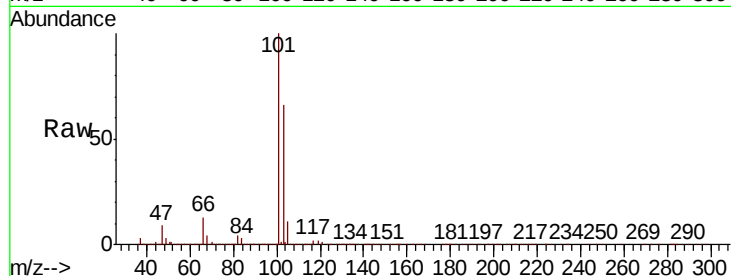


#7

Trichlorofluoromethane
Concen: 47.086 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017530.D
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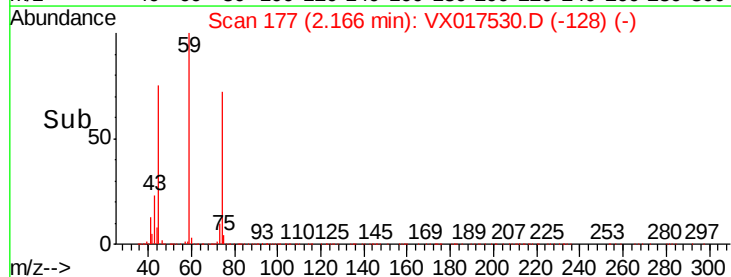
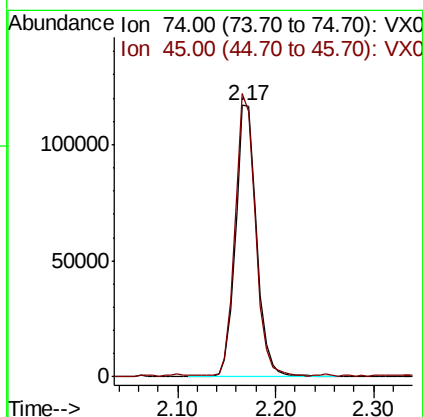
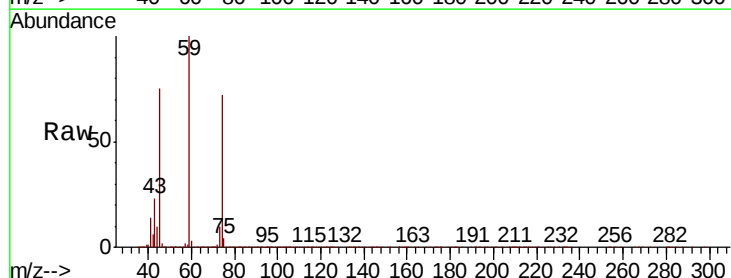
Tot Ion:101 Resp: 512924
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

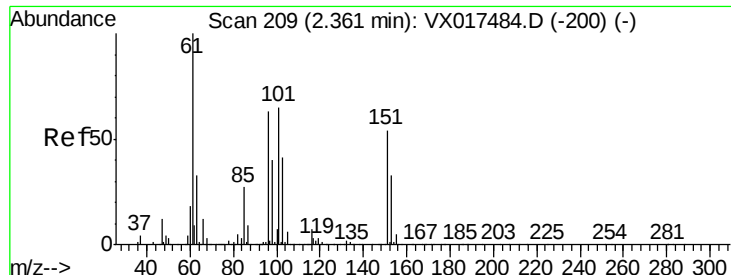


#8

Diethyl Ether
Concen: 49.141 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 74 Resp: 173633
Ion Ratio Lower Upper
74 100
45 101.2 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.674 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

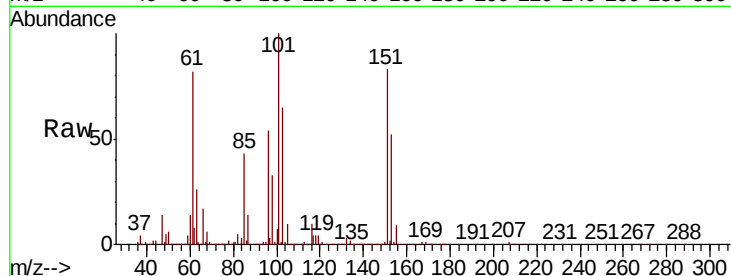
Tot Ion:101 Resp: 267056

Ion Ratio Lower Upper

101 100

85 43.6 34.8 52.2

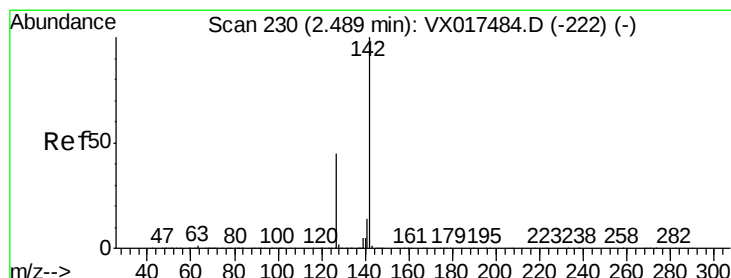
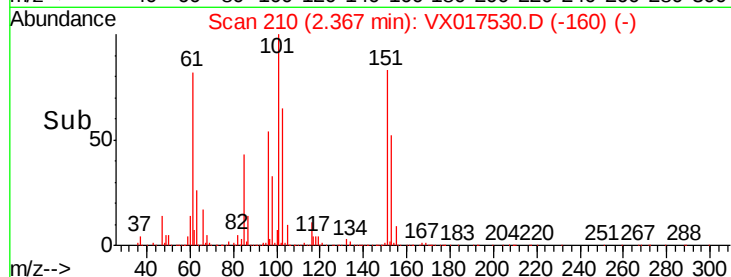
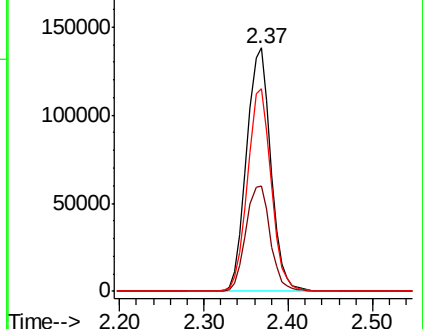
151 81.6 68.0 102.0



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: 41.483 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

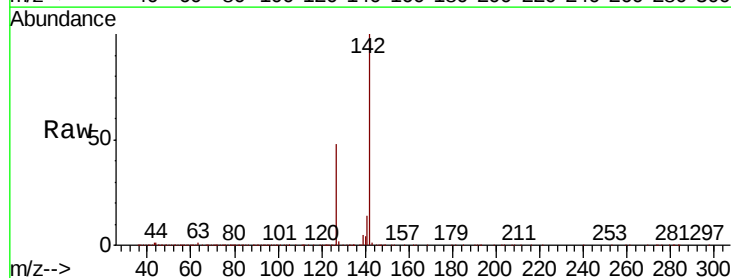
Tgt Ion:142 Resp: 317252

Ion Ratio Lower Upper

142 100

127 45.7 35.9 53.9

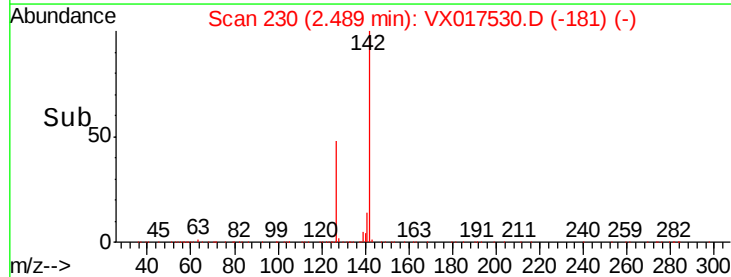
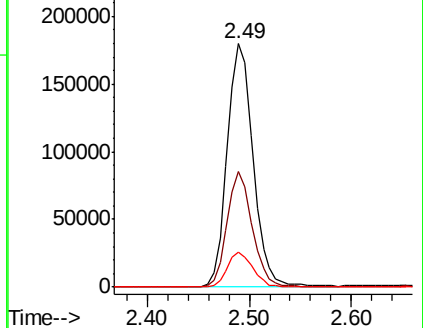
141 14.2 11.4 17.0

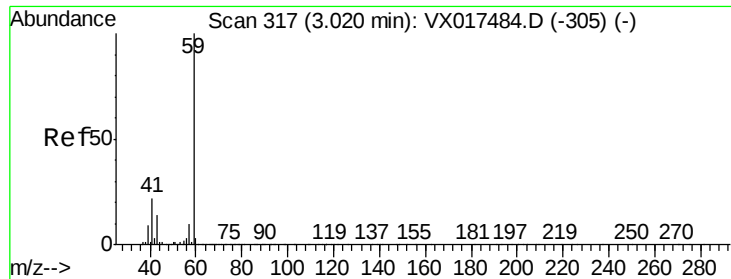


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

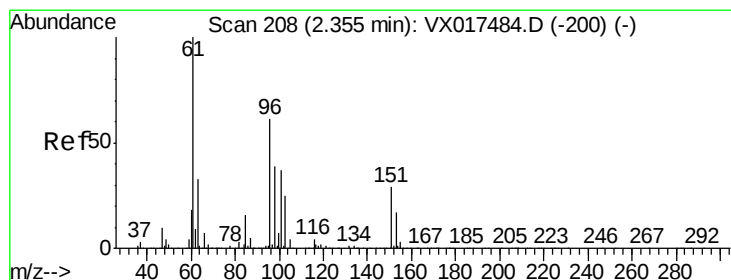
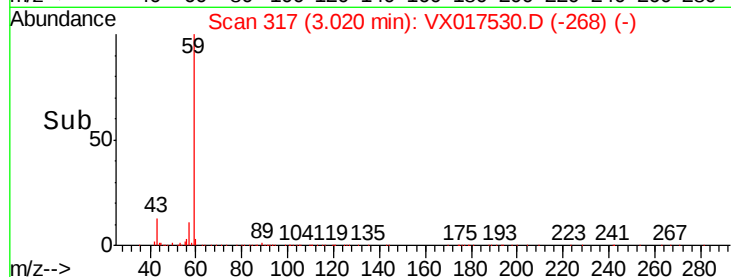
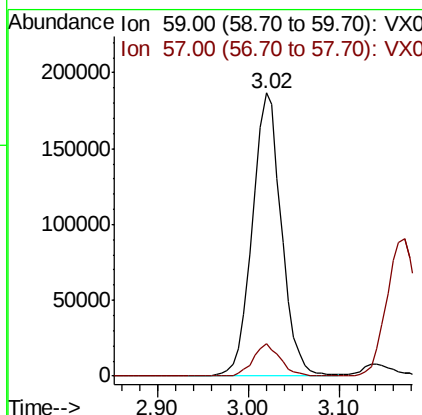
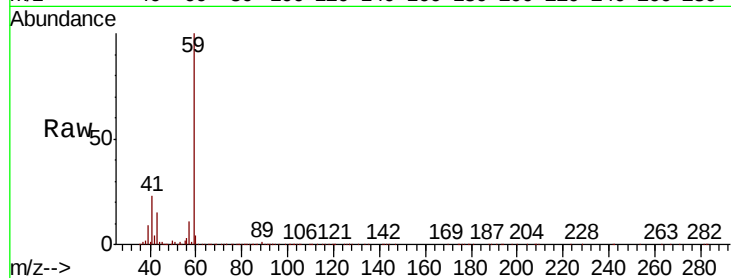




#11
Tert butyl alcohol
Concen: 277.486 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

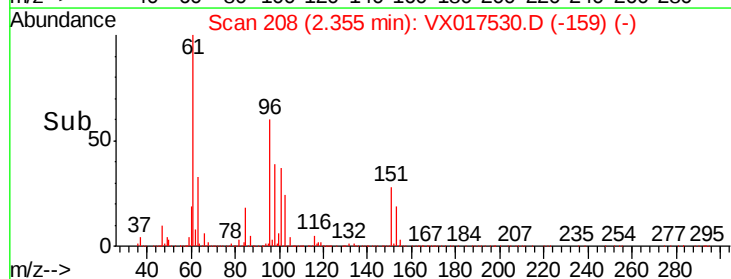
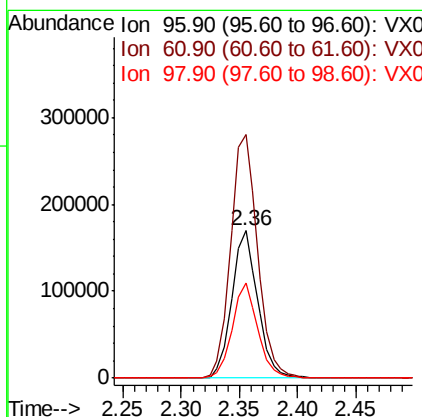
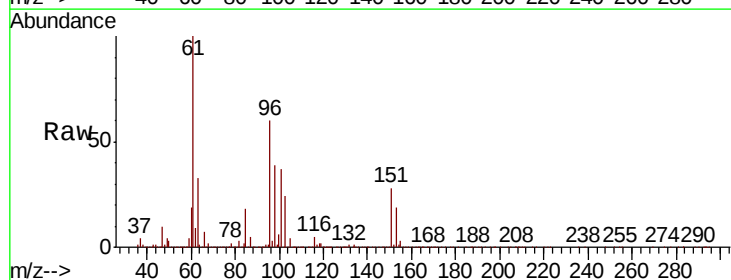
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

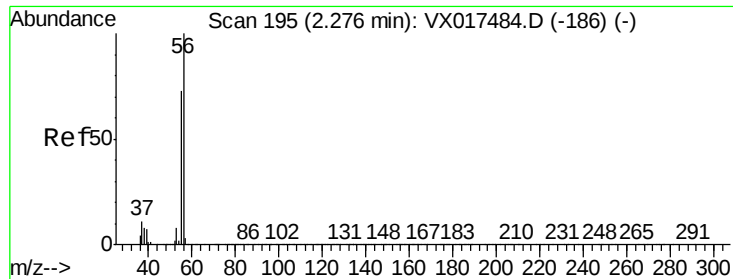
Tot Ion: 59 Resp: 413451
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.137 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 96 Resp: 262276
Ion Ratio Lower Upper
96 100
61 165.6 134.0 201.0
98 65.2 51.0 76.4

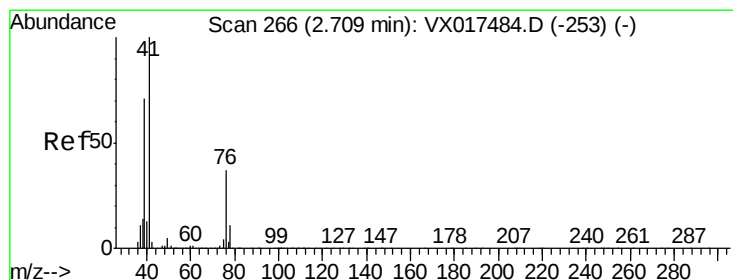
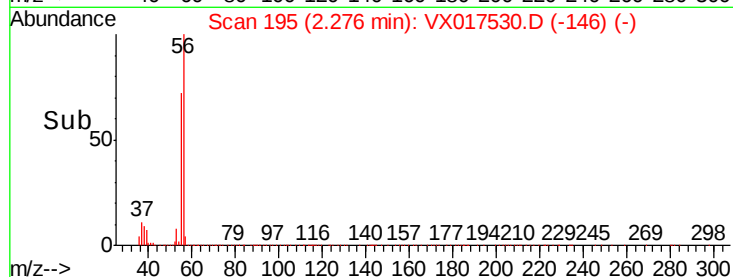
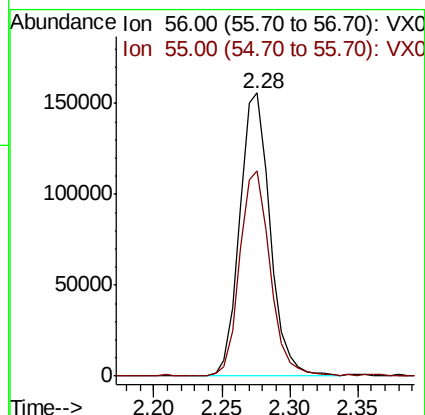
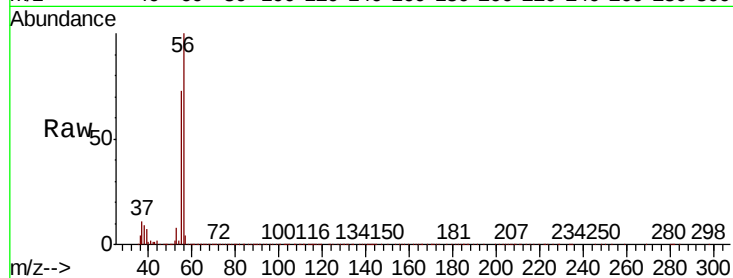




#13
Acrolein
Concen: 213.638 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

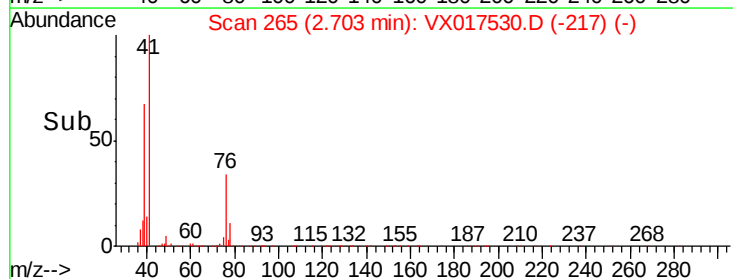
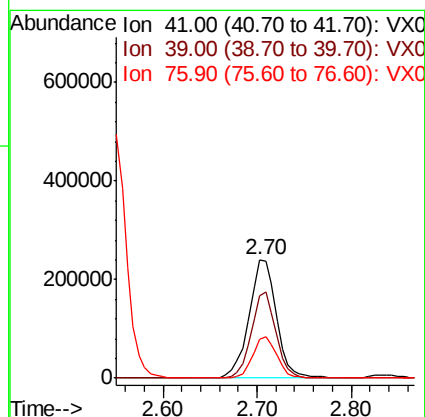
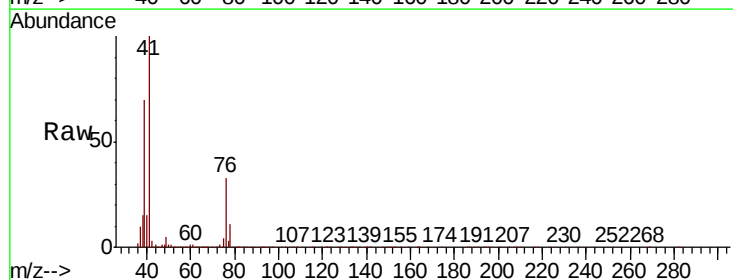
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

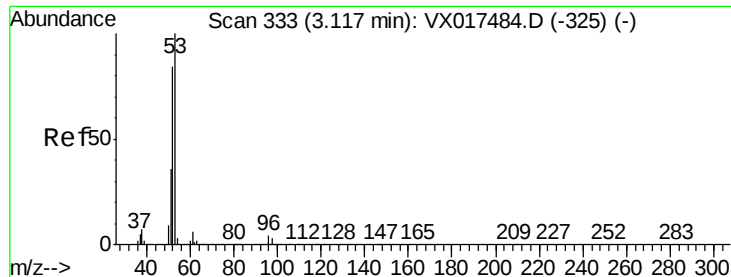
Tot Ion: 56 Resp: 242334
Ion Ratio Lower Upper
56 100
55 72.1 57.4 86.2



#14
Allyl chloride
Concen: 46.873 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 41 Resp: 486543
Ion Ratio Lower Upper
41 100
39 65.2 51.9 77.9
76 31.3 25.5 38.3





#15

Acrylonitrile

Concen: 260.699 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

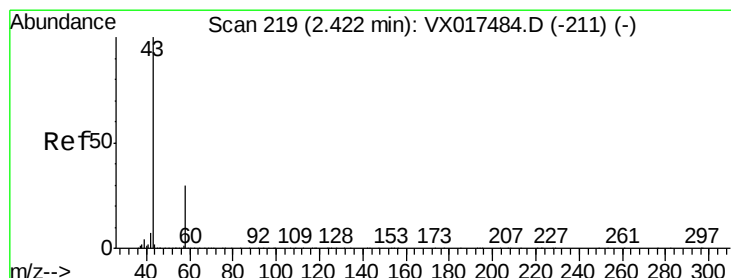
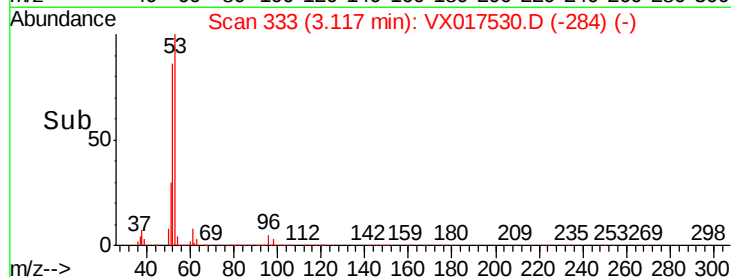
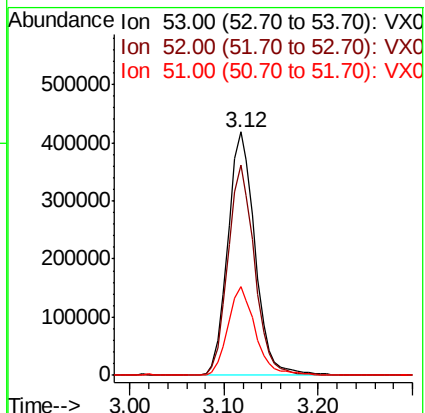
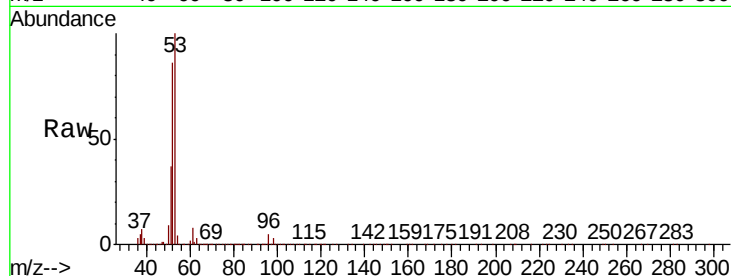
Tot Ion: 53 Resp: 838981

Ion Ratio Lower Upper

53 100

52 84.7 66.6 99.8

51 36.7 29.4 44.2



#16

Acetone

Concen: 256.112 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017530.D

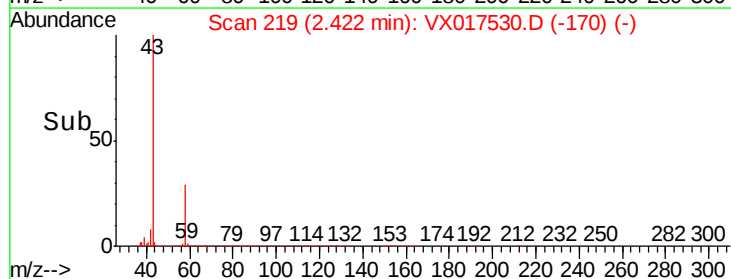
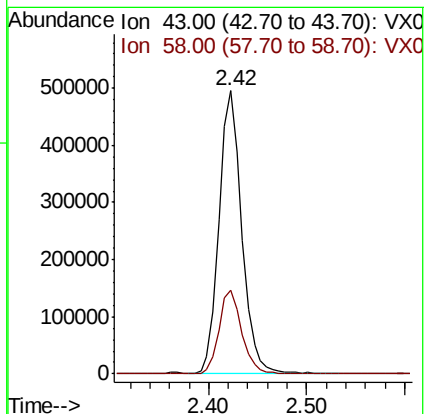
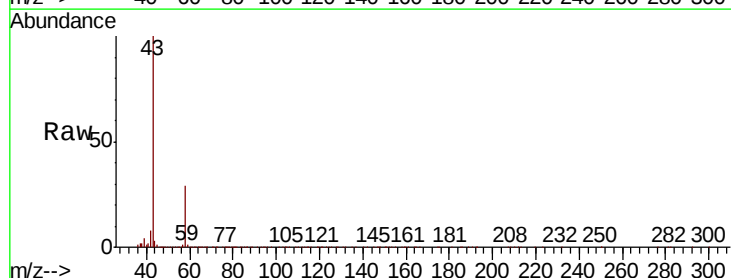
Acq: 24 Jul 2020 06:48

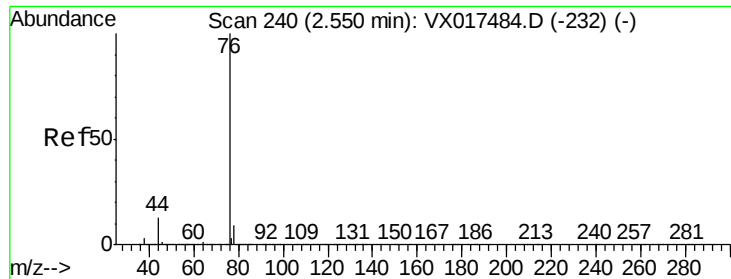
Tgt Ion: 43 Resp: 796920

Ion Ratio Lower Upper

43 100

58 29.4 24.2 36.4





#17

Carbon Disulfide

Concen: 46.775 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

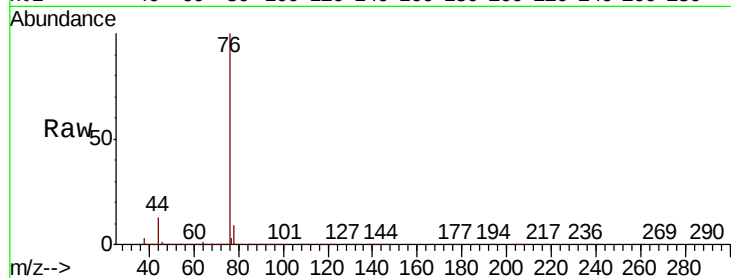
VSTDCCC050EC

Tot Ion: 76 Resp: 808210

Ion Ratio Lower Upper

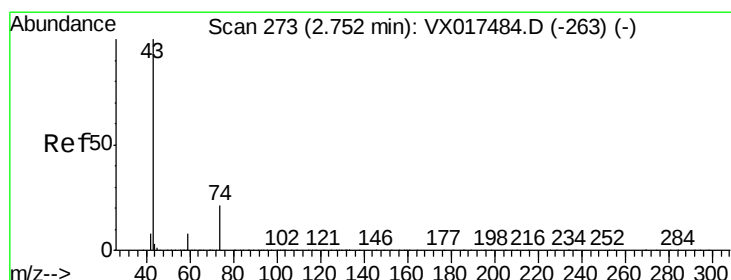
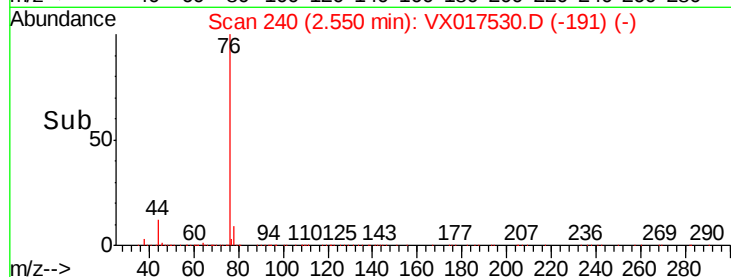
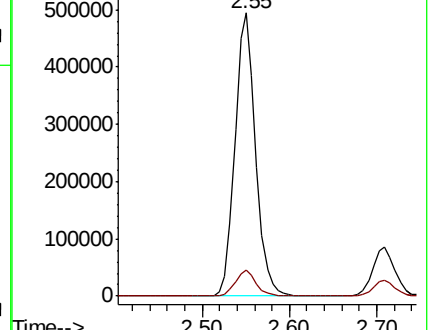
76 100

78 9.1 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: 51.206 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017530.D

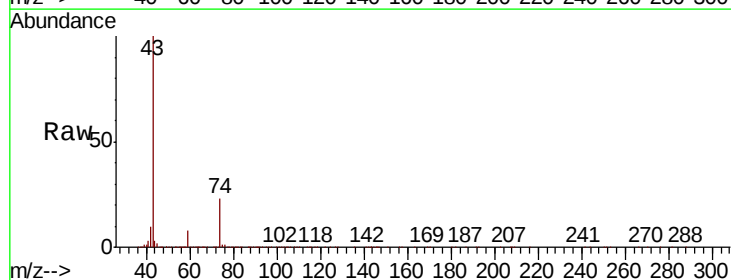
Acq: 24 Jul 2020 06:48

Tgt Ion: 43 Resp: 375248

Ion Ratio Lower Upper

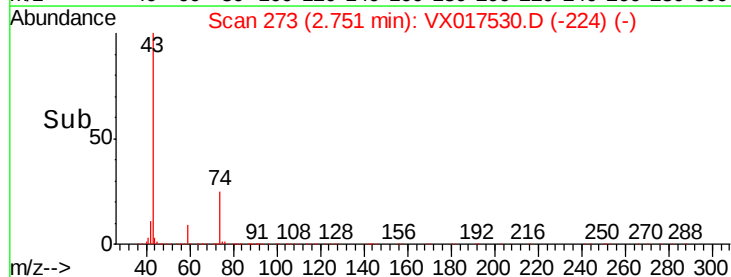
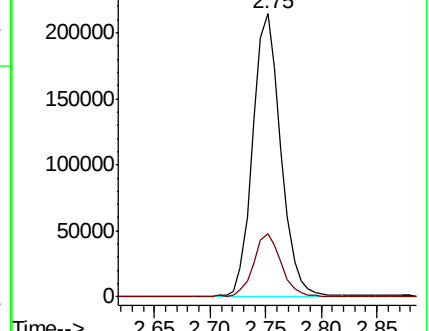
43 100

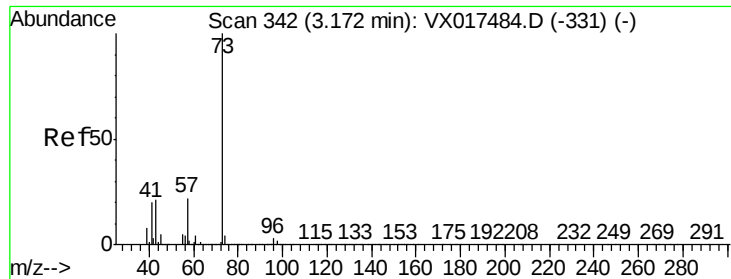
74 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

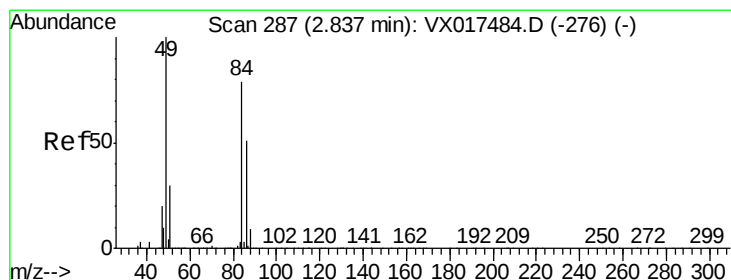
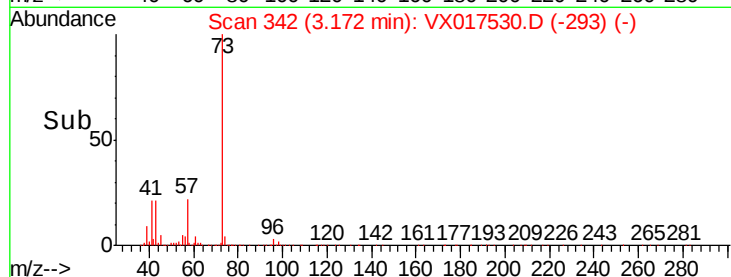
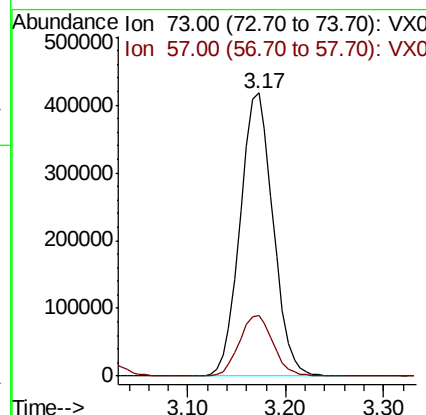
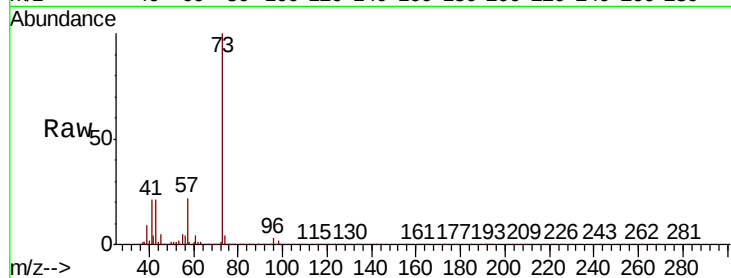




#19
Methvl tert-butvl Ether
Concen: 49.525 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

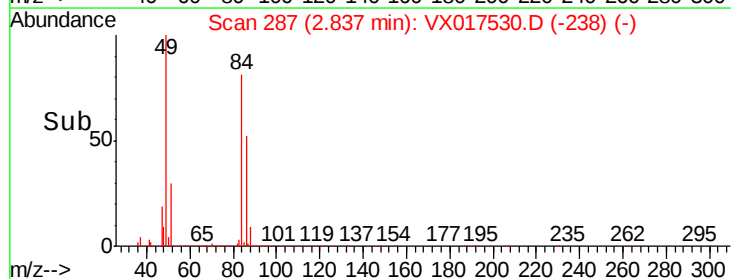
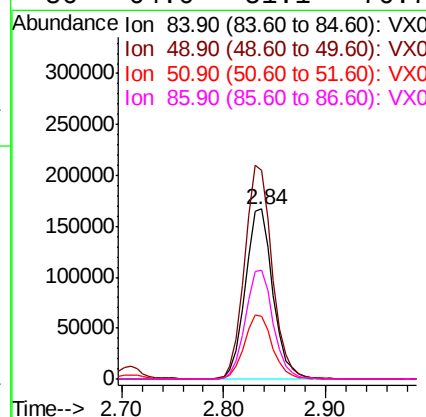
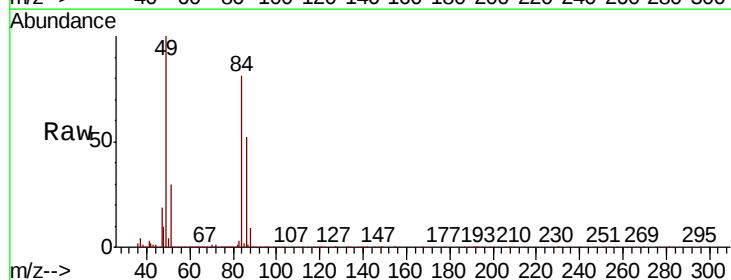
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

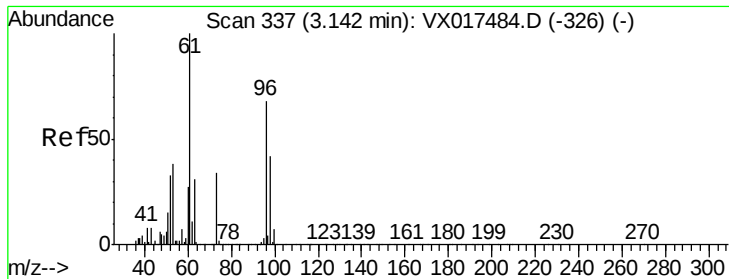
Tot Ion: 73 Resp: 974449
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4



#20
Methylene Chloride
Concen: 53.471 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 84 Resp: 312833
Ion Ratio Lower Upper
84 100
49 123.1 100.3 150.5
51 37.1 30.5 45.7
86 64.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.463 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

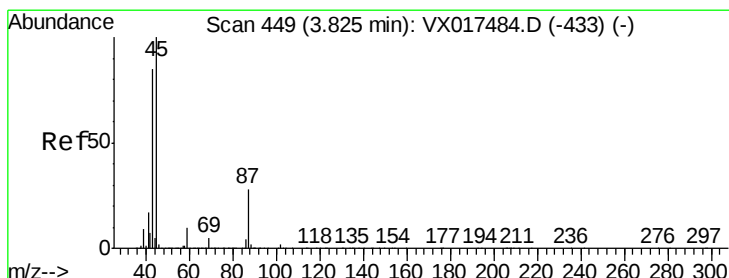
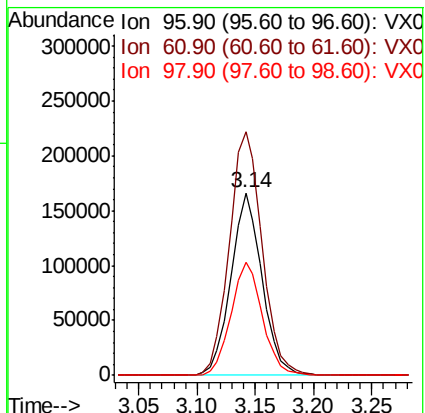
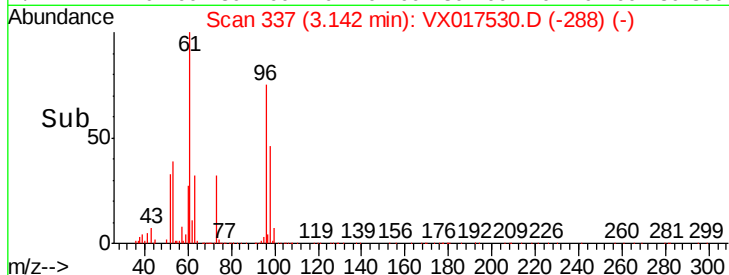
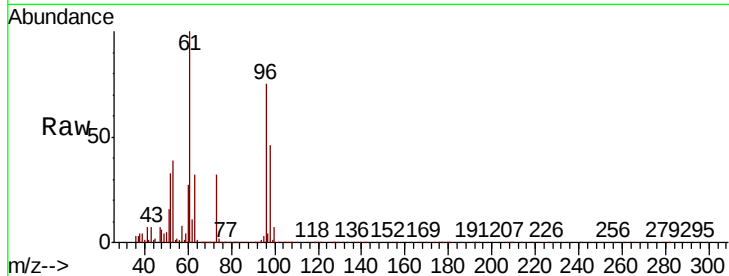
Tot Ion: 96 Resp: 307315

Ion Ratio Lower Upper

96 100

61 133.6 113.0 169.4

98 61.8 51.8 77.8



#22

Diisopropyl ether

Concen: 51.749 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion: 45 Resp: 982180

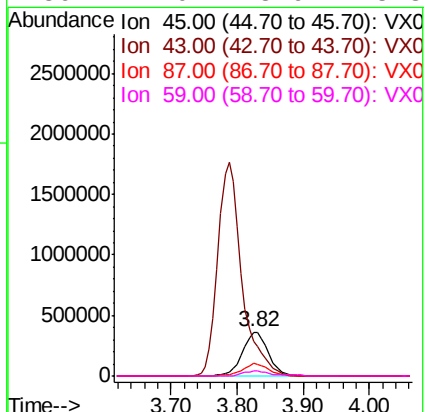
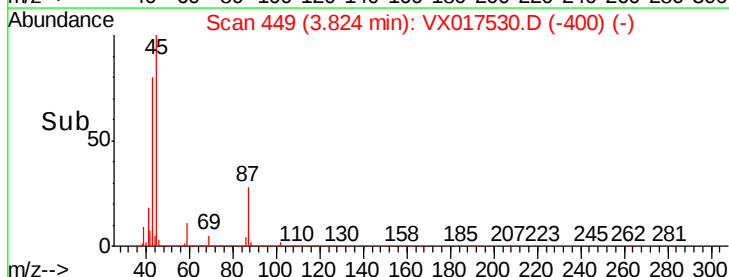
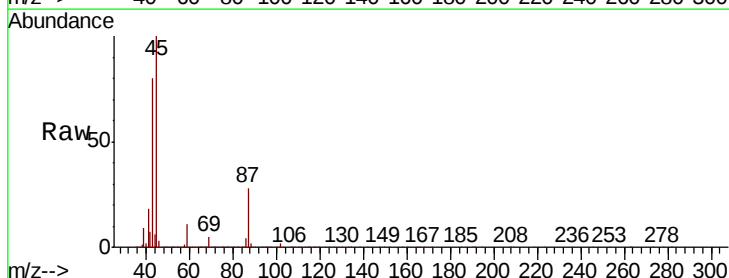
Ion Ratio Lower Upper

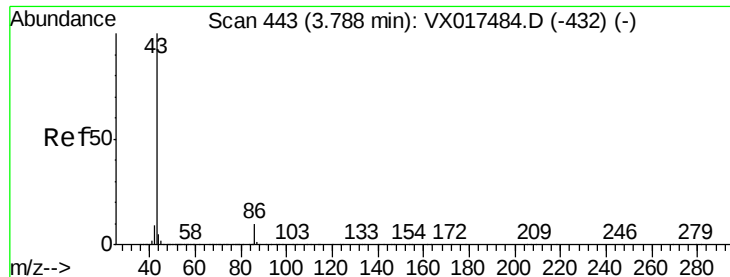
45 100

43 80.0 52.0 78.0#

87 28.4 22.2 33.4

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 264.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

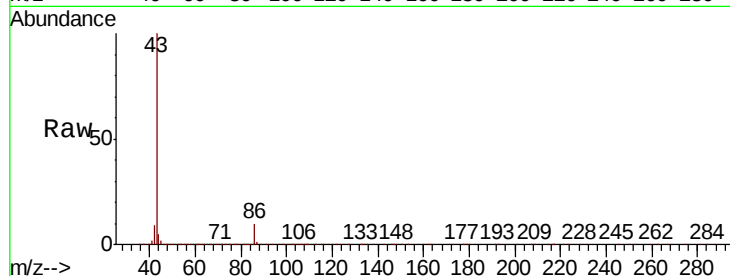
VSTDCCC050EC

Tot Ion: 43 Resp: 4483470

Ion Ratio Lower Upper

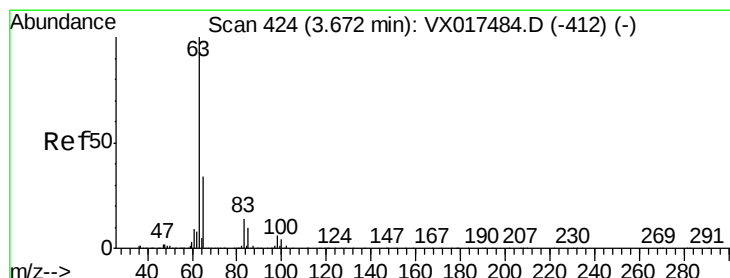
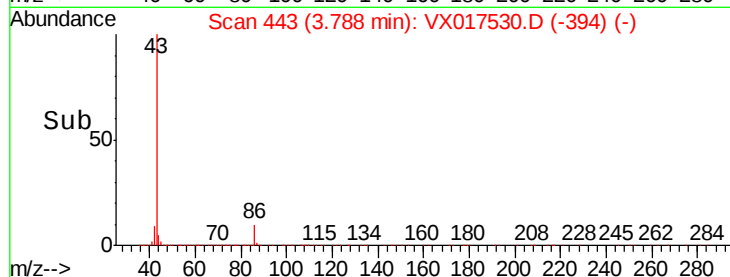
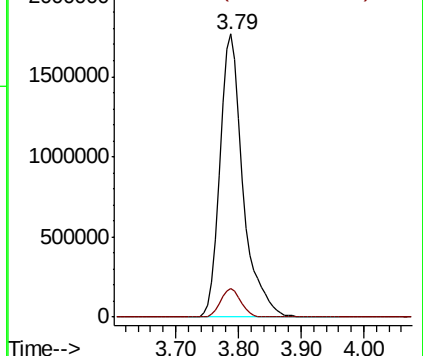
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.626 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

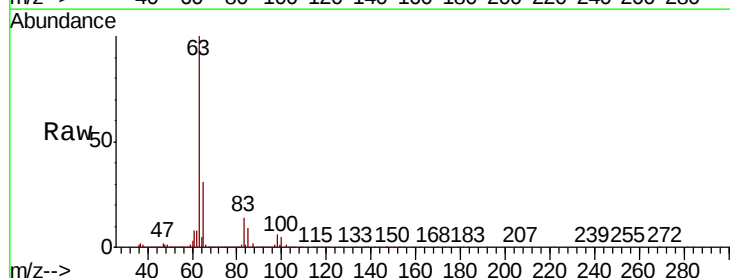
Tgt Ion: 63 Resp: 553505

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

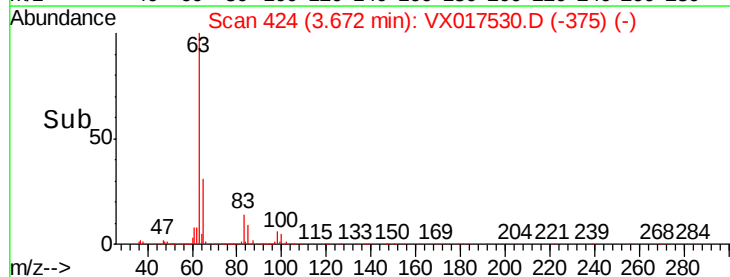
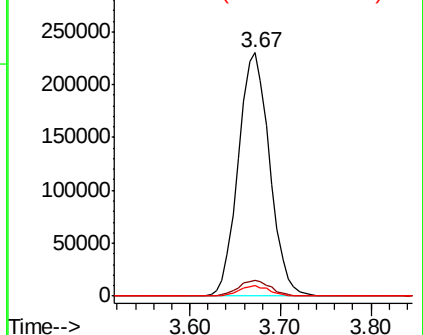
100 4.6 1.9 5.7

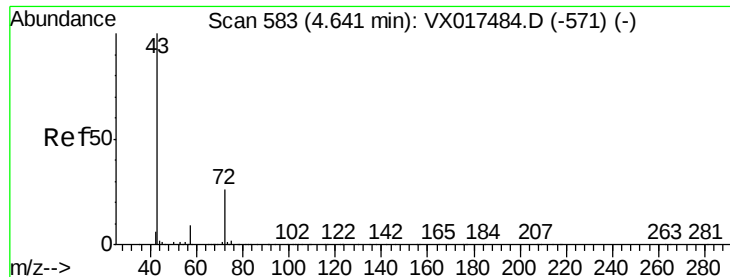


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

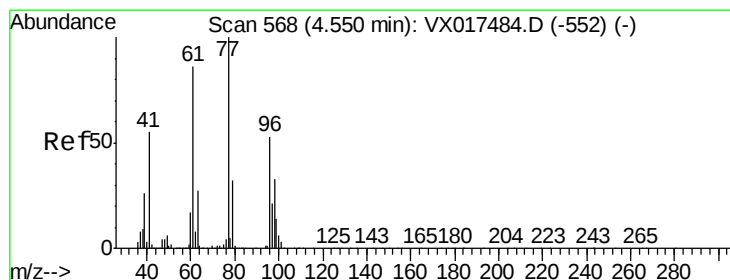
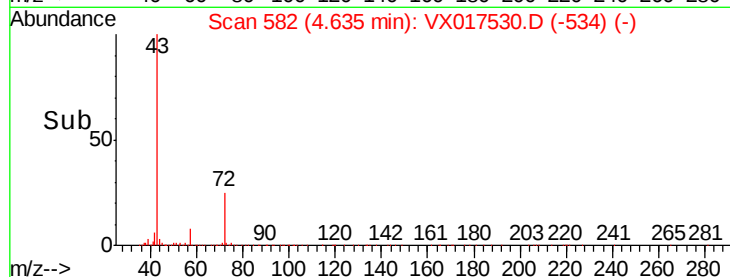
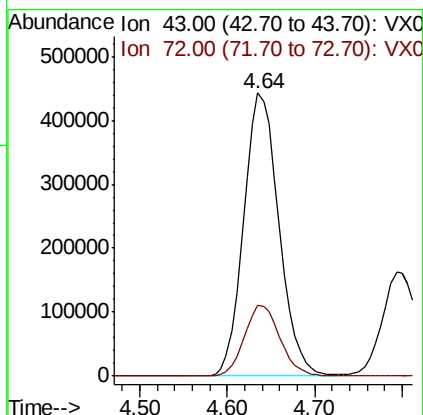
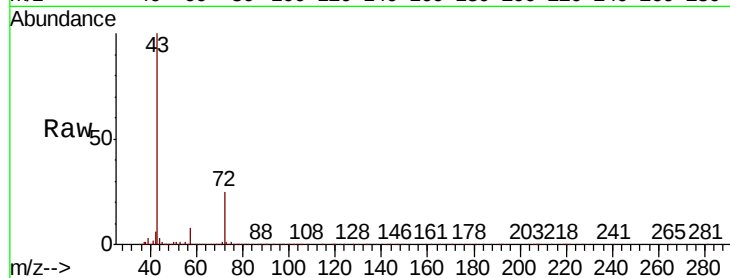




#25
2-Butanone
Concen: 280.829 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

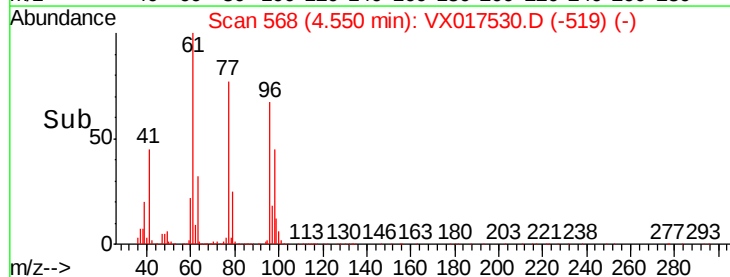
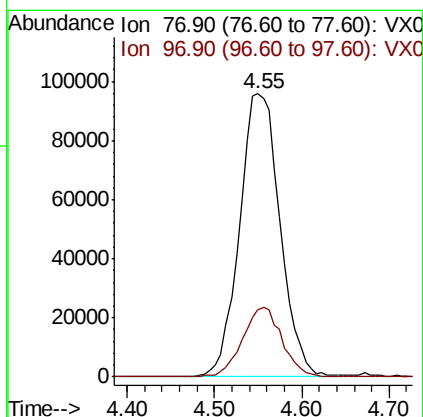
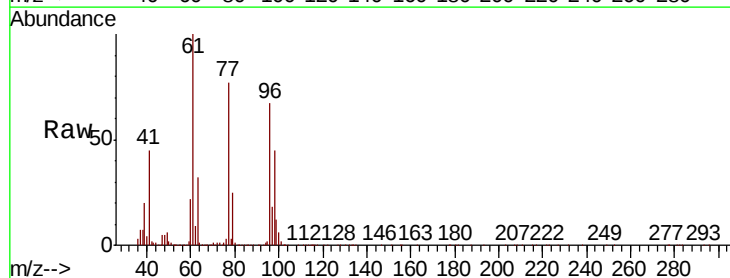
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

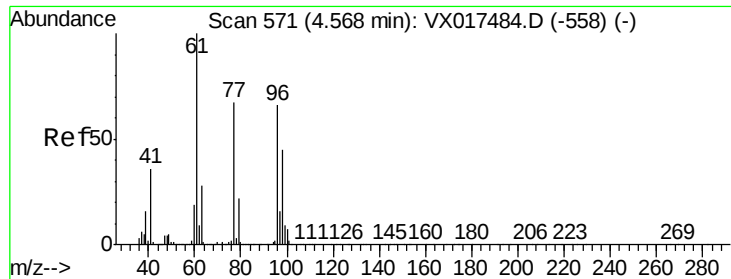
Tot Ion: 43 Resp: 1241365
Ion Ratio Lower Upper
43 100
72 24.8 19.0 28.4



#26
2,2-Dichloropropane
Concen: 31.449 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 77 Resp: 307783
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9



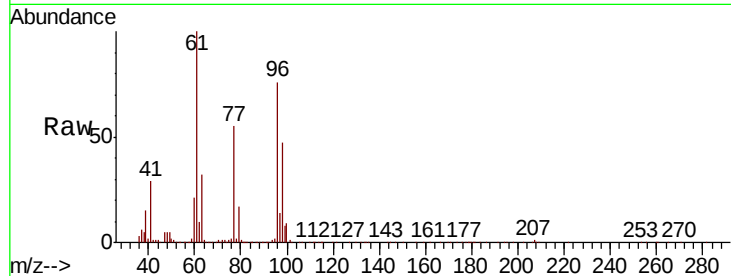


#27

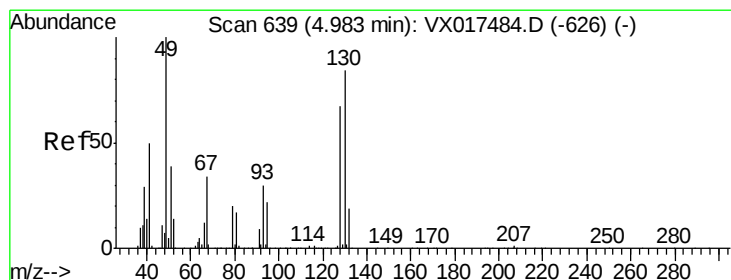
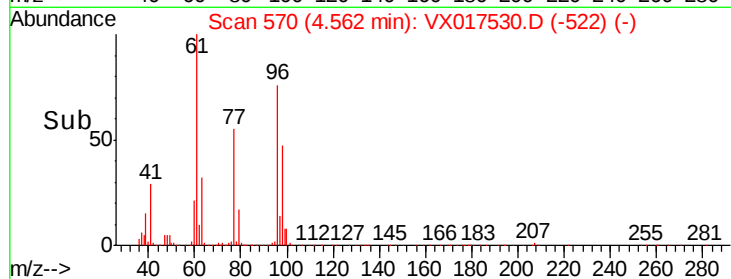
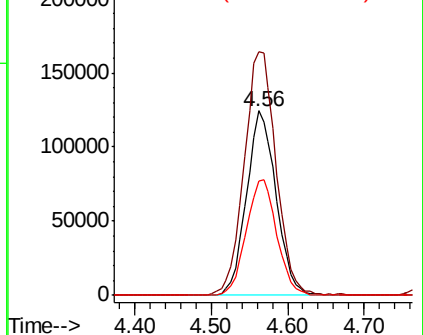
cis-1,2-Dichloroethene
Concen: 50.583 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	301.2
98	65.0	0.0	130.0



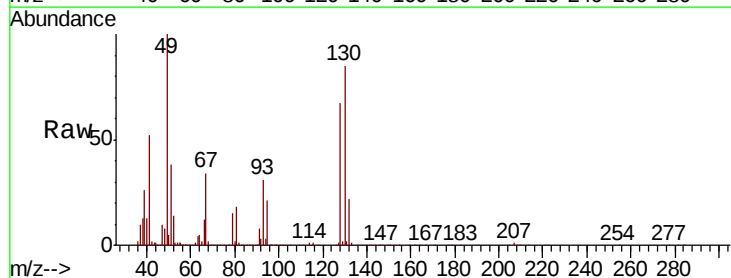
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



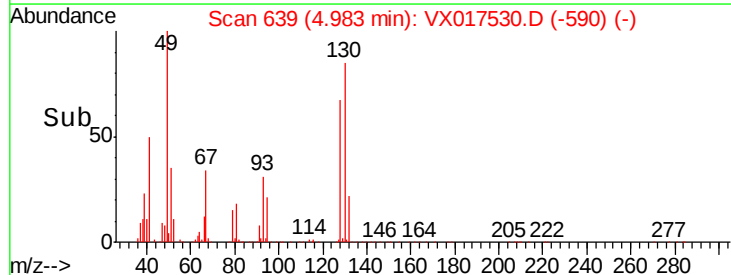
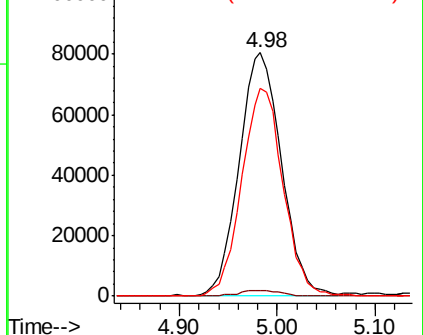
#28

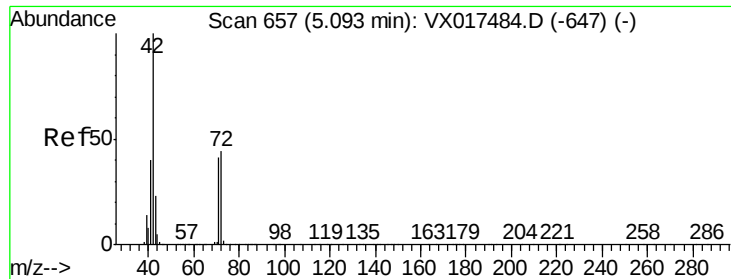
Bromochloromethane
Concen: 48.546 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	84.1	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

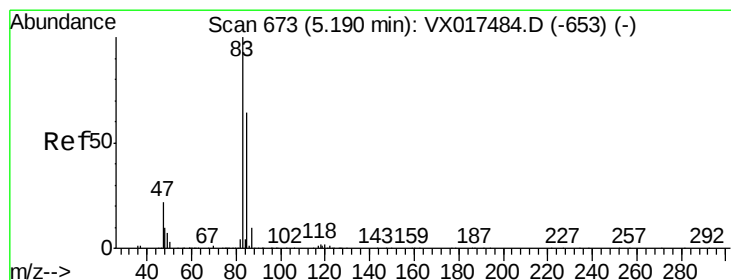
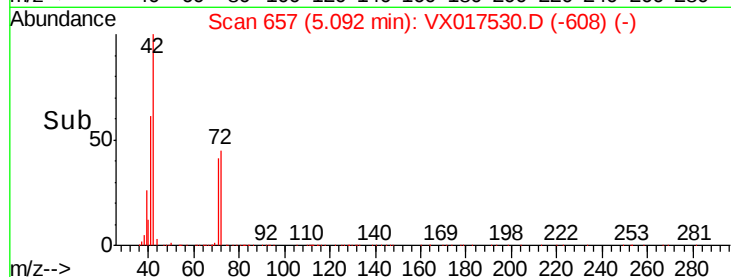
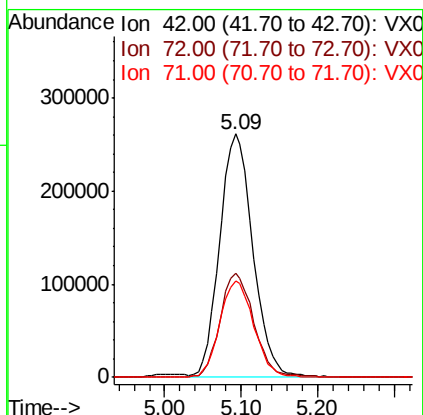
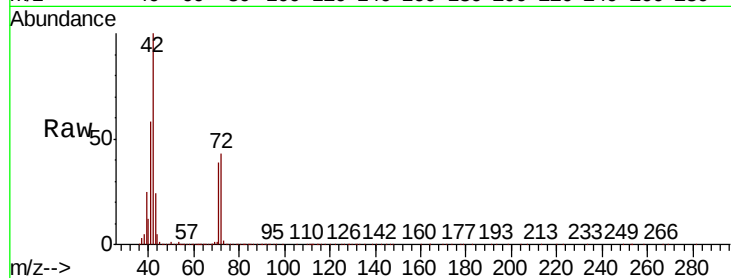




#29
Tetrahydrofuran
Concen: 286.321 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

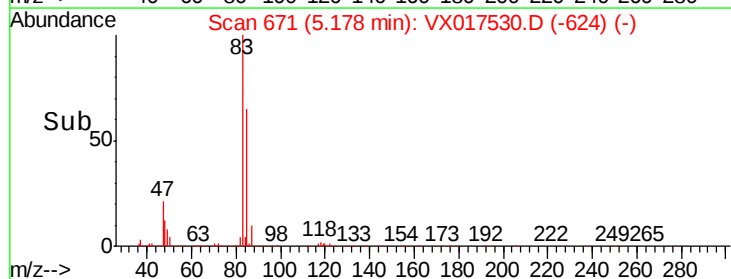
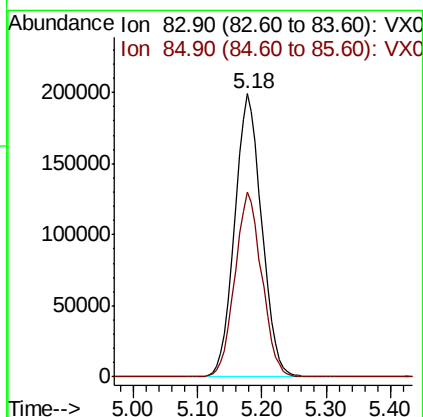
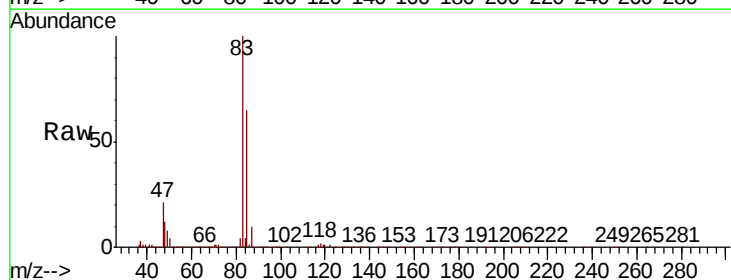
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

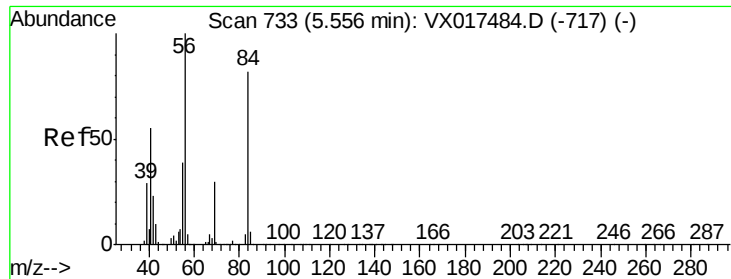
Tot Ion: 42 Resp: 783971
Ion Ratio Lower Upper
42 100
72 43.7 35.5 53.3
71 40.5 33.0 49.4



#30
Chloroform
Concen: 51.962 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 83 Resp: 580486
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2

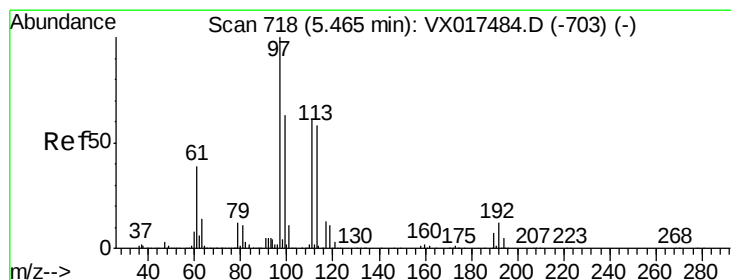
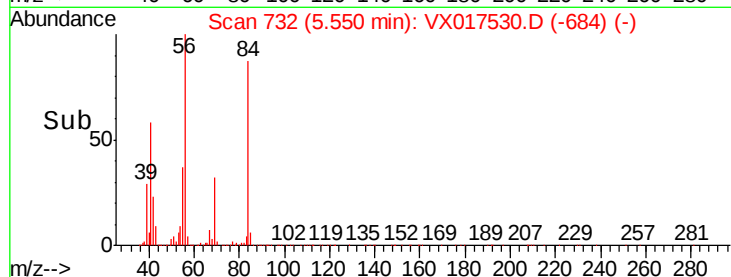
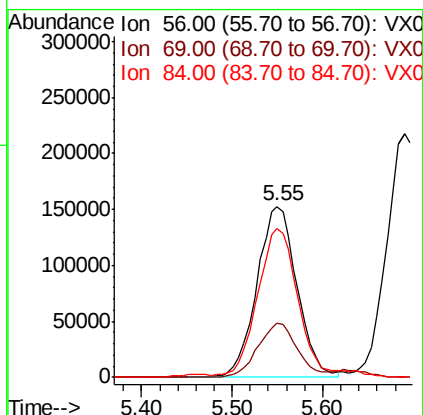
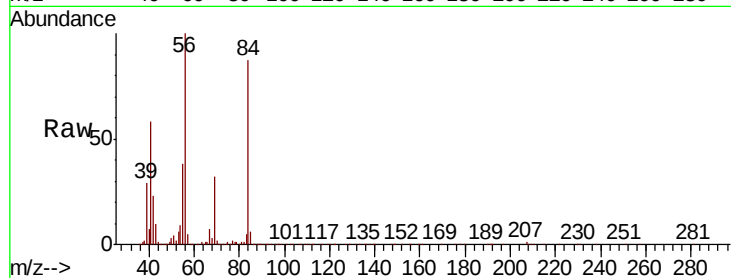




#31
Cyclohexane
Concen: 53.598 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

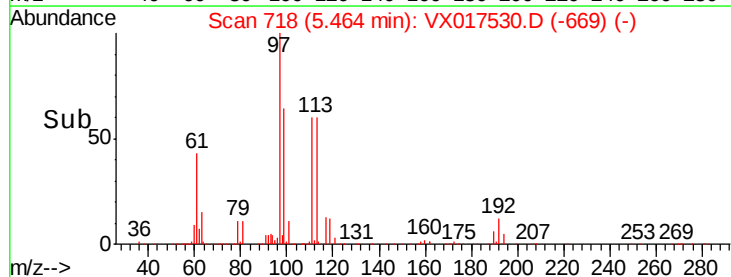
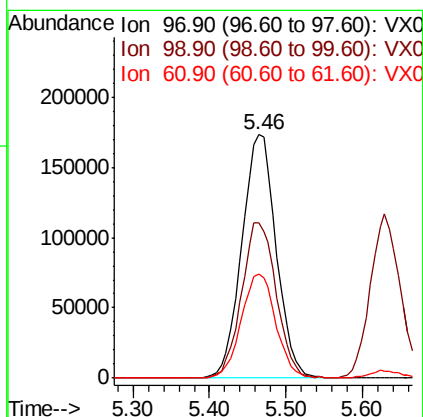
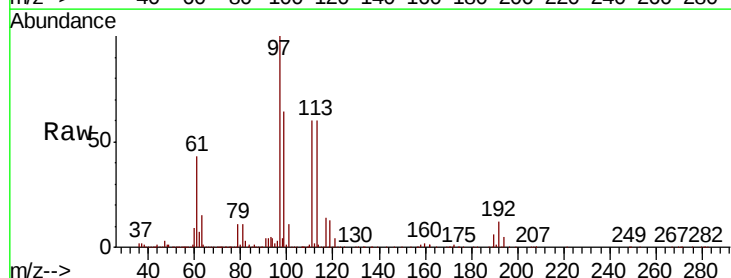
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

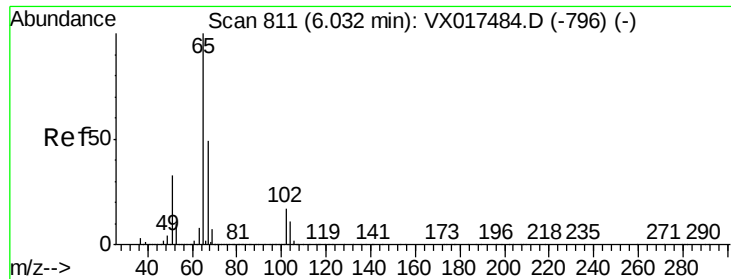
Tot Ion: 56 Resp: 467307
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.4
84 85.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 51.226 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 97 Resp: 539637
Ion Ratio Lower Upper
97 100
99 64.8 51.9 77.9
61 43.1 34.1 51.1

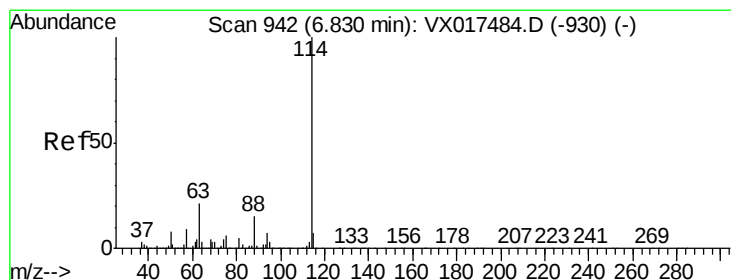
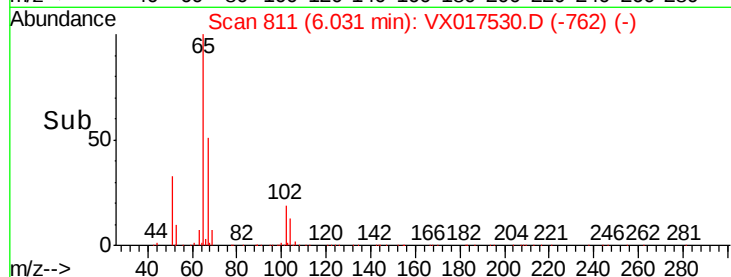
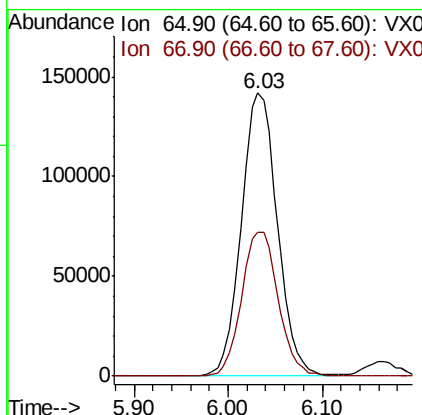
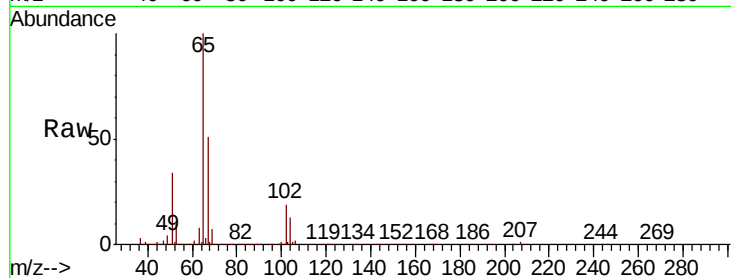




#33
 1,2-Dichloroethane-d4
 Concen: 53.842 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

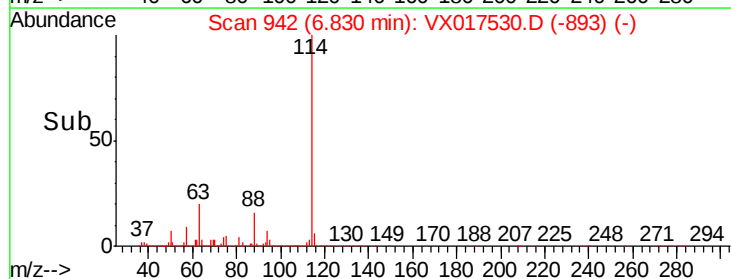
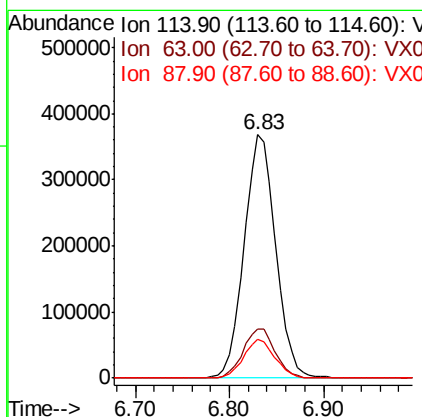
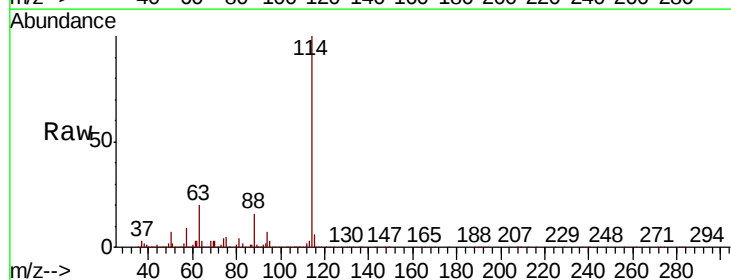
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

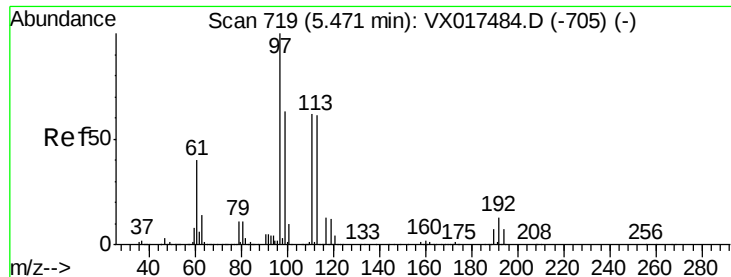
Tot Ion: 65 Resp: 380642
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion: 114 Resp: 863353
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 16.0 0.0 33.4

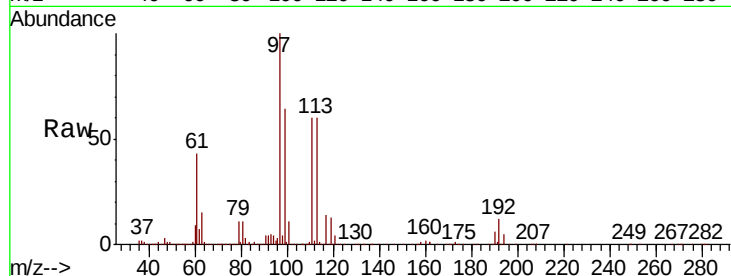




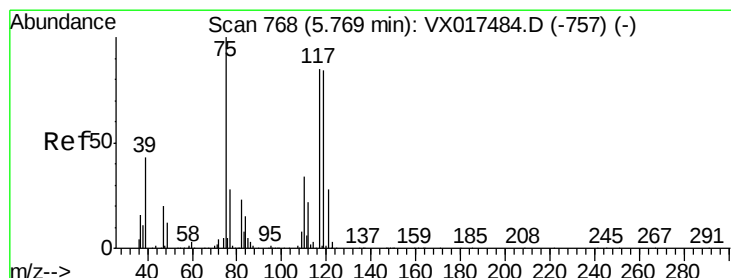
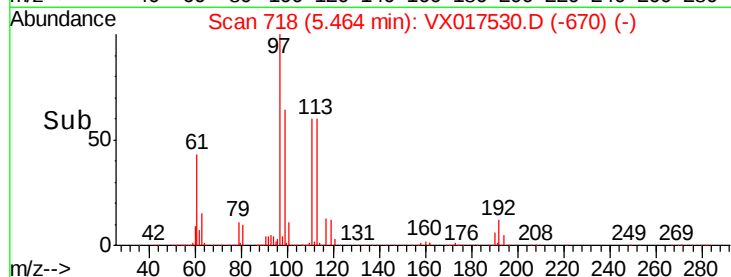
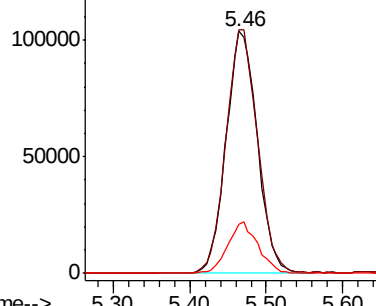
#35
Dibromofluoromethane
Concen: 51.245 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 295894
Ion Ratio Lower Upper
113 100
111 101.4 80.7 121.1
192 20.6 16.9 25.3

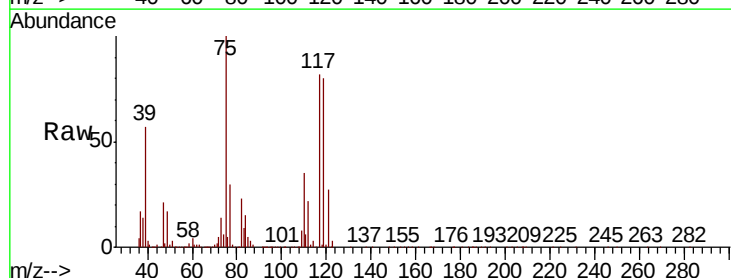


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

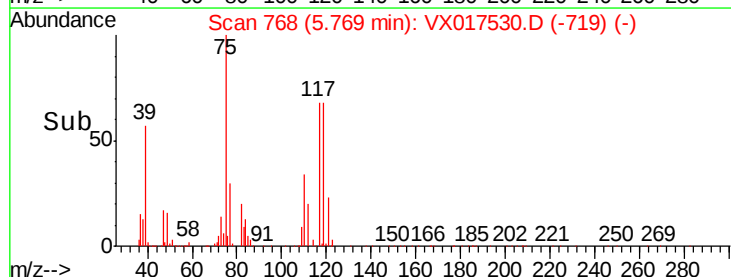
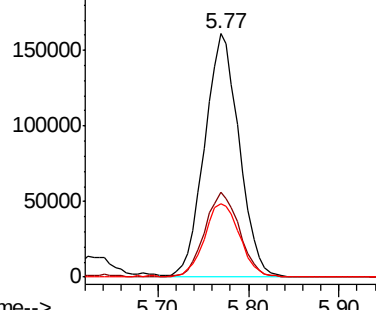


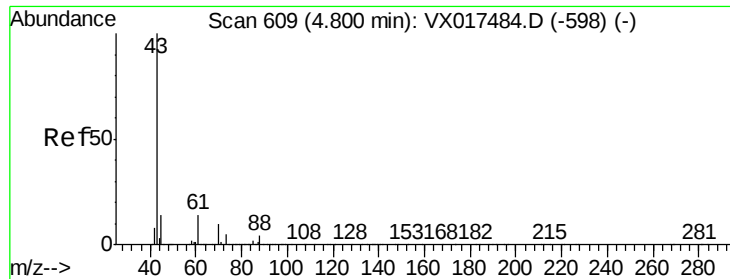
#36
1,1-Dichloropropene
Concen: 51.362 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 75 Resp: 425294
Ion Ratio Lower Upper
75 100
110 35.0 18.1 54.3
77 30.8 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

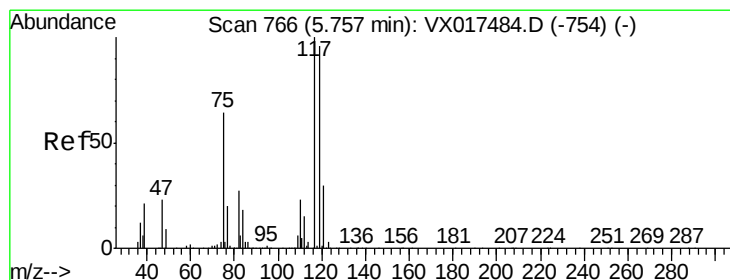
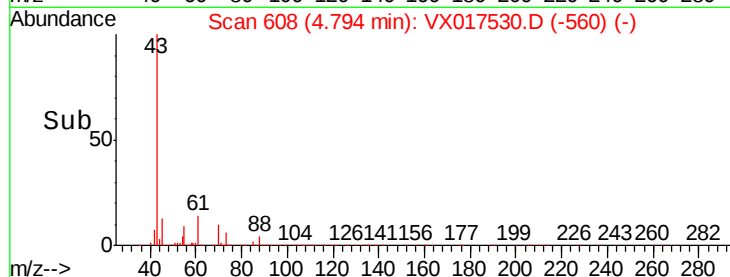
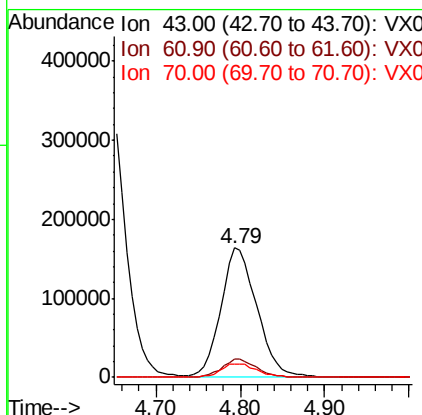
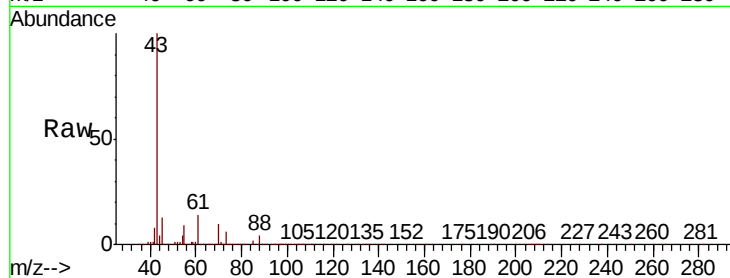




#37
Ethyl Acetate
Concen: 52.334 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

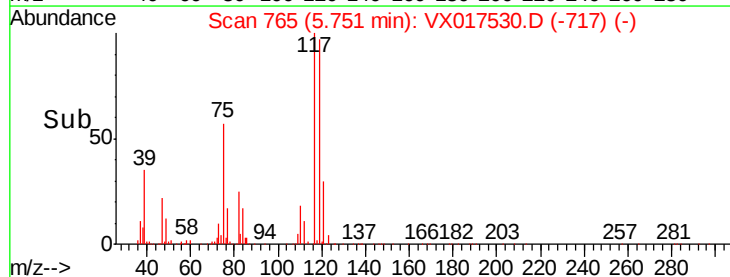
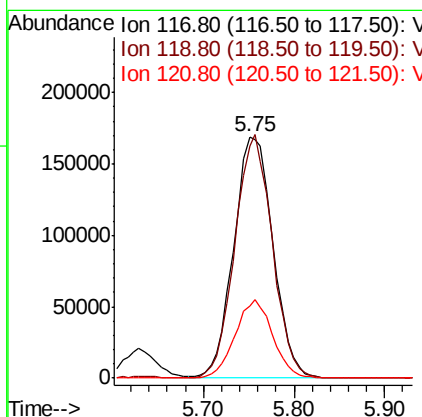
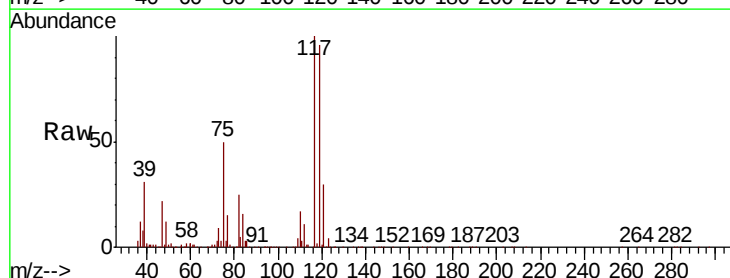
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

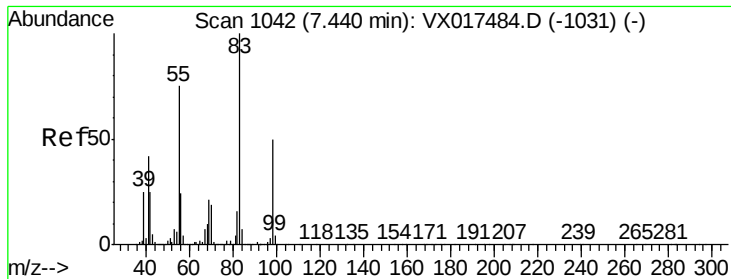
Tot Ion	43	Resp	474145
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.7	16.1
70	10.5	8.5	12.7



#38
Carbon Tetrachloride
Concen: 50.240 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	117	Resp	505178
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.4	113.0
121	30.0	24.3	36.5

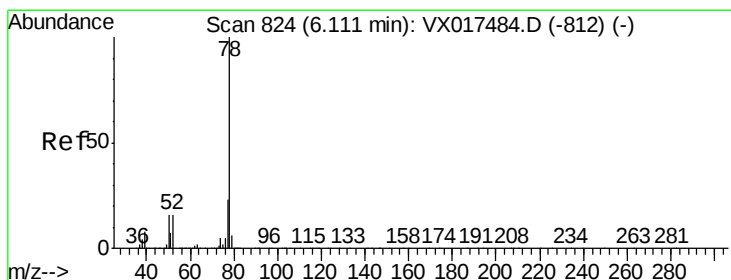
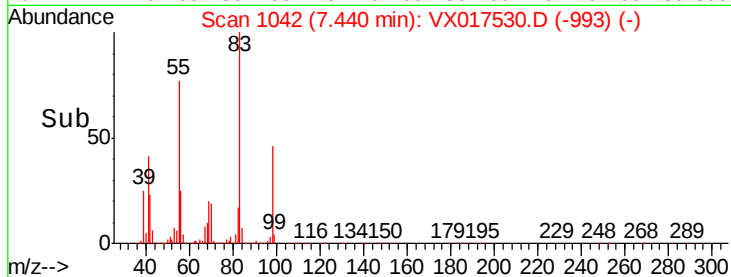
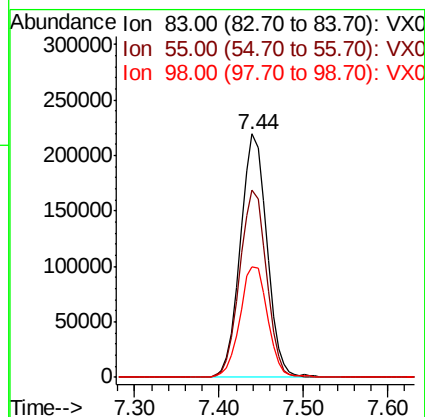
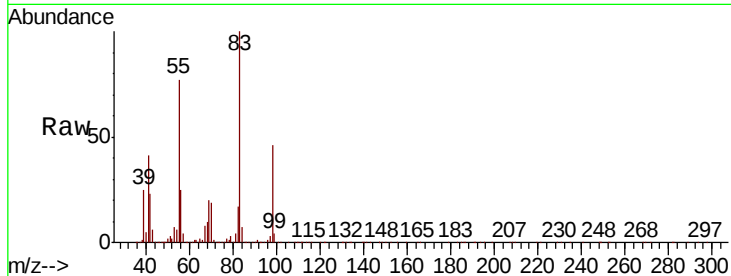




#39
Methvlcvclohexane
Concen: 48.104 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

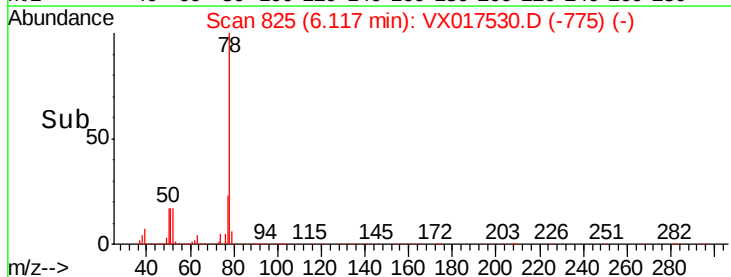
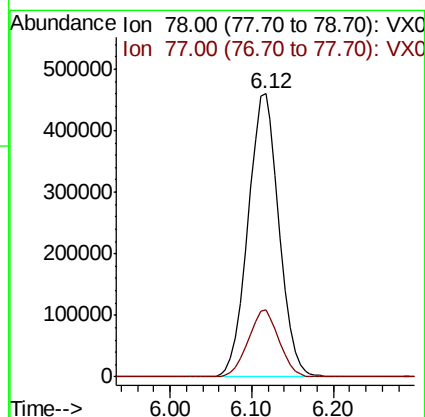
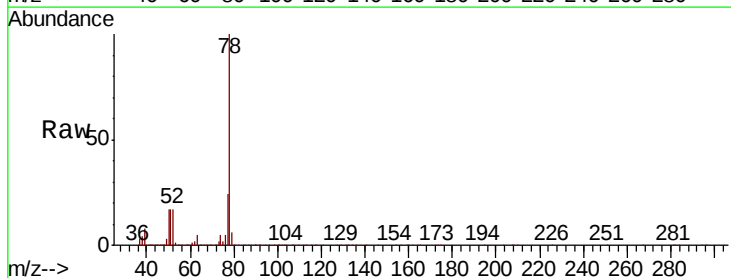
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

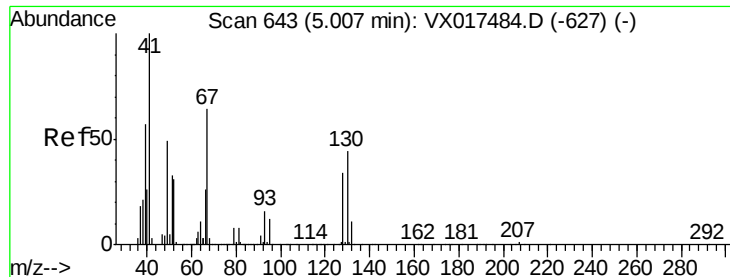
Tot Ion: 83 Resp: 464987
Ion Ratio Lower Upper
83 100
55 77.1 61.8 92.8
98 45.6 36.9 55.3



#40
Benzene
Concen: 51.104 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 78 Resp: 1213181
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2

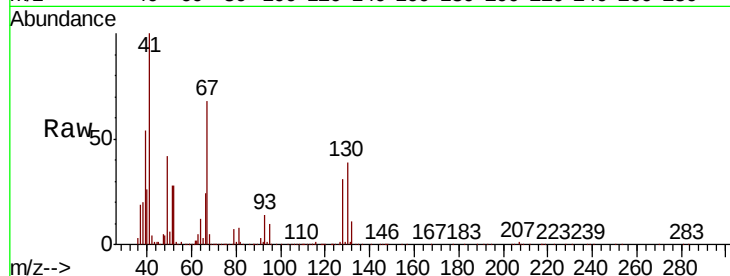




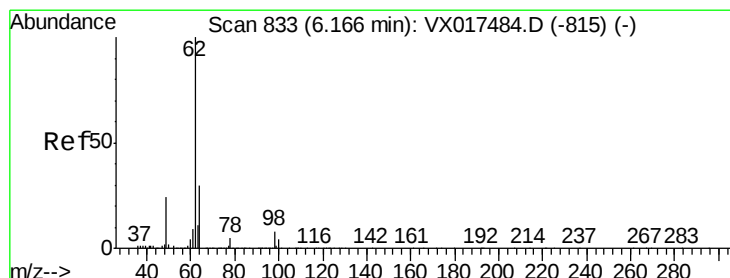
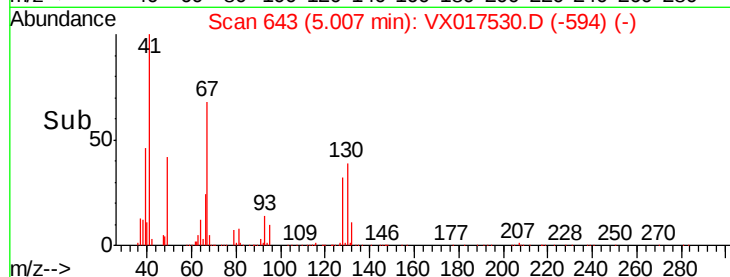
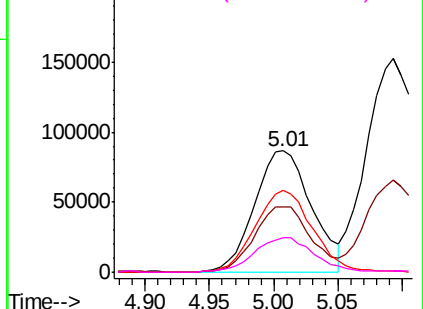
#41
Methacrylonitrile
Concen: 50.841 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	264022
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.9	65.9
67	68.6	54.0	81.0
52	29.8	23.0	34.6

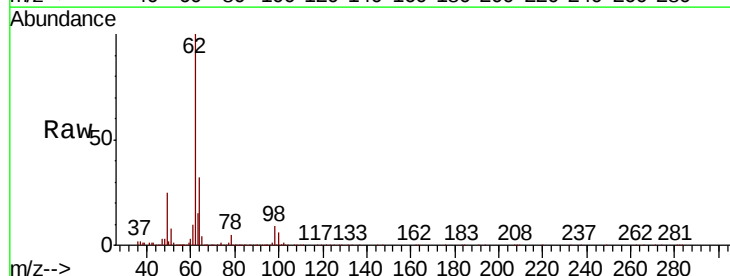


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

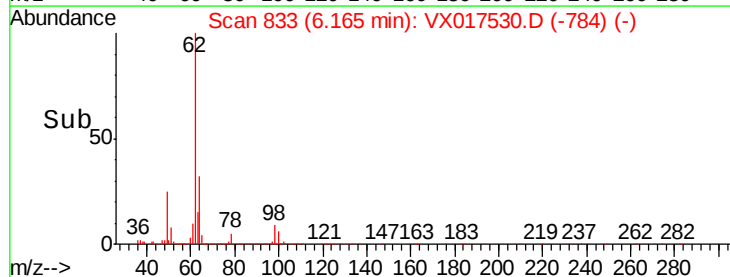
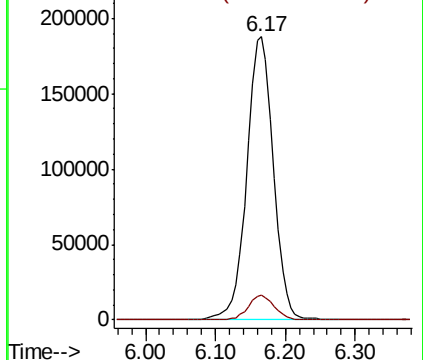


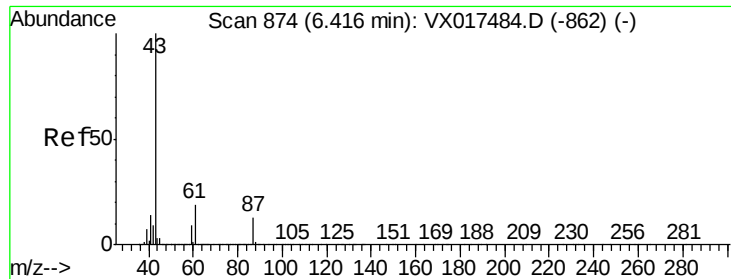
#42
1,2-Dichloroethane
Concen: 50.896 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:	62	Resp:	494298
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.257 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

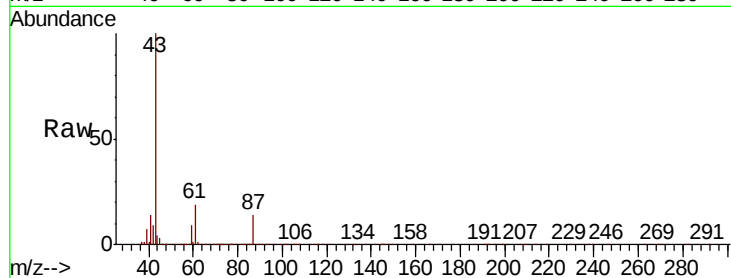
Tot Ion: 43 Resp: 766215

Ion Ratio Lower Upper

43 100

61 18.9 15.5 23.3

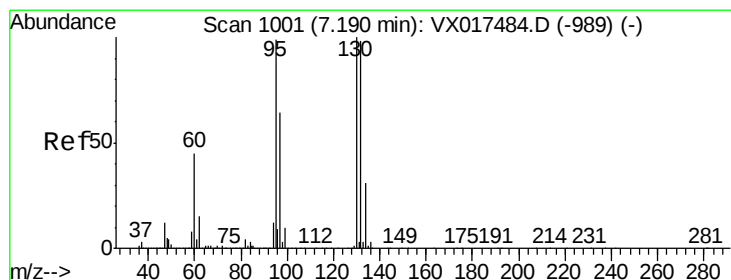
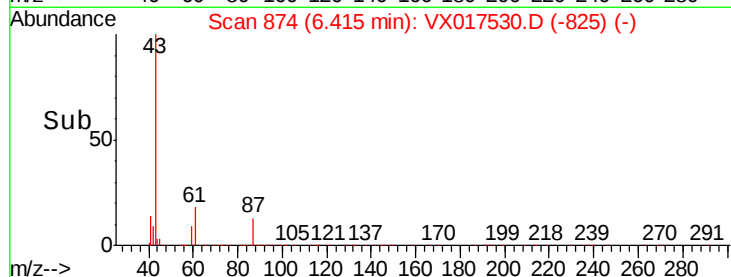
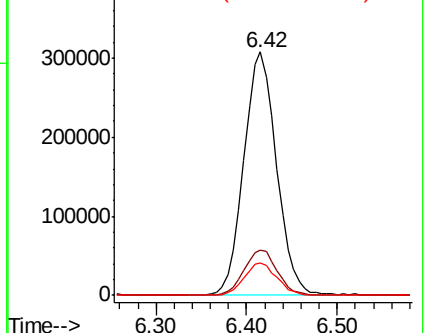
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.914 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017530.D

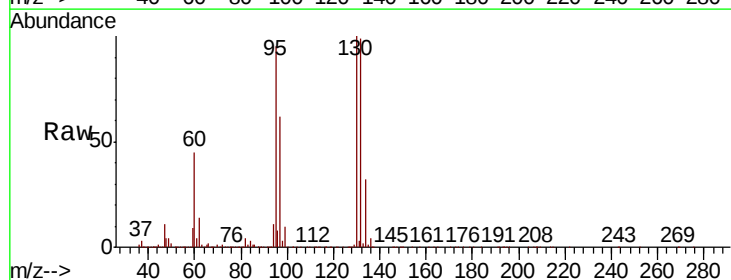
Acq: 24 Jul 2020 06:48

Tgt Ion:130 Resp: 353223

Ion Ratio Lower Upper

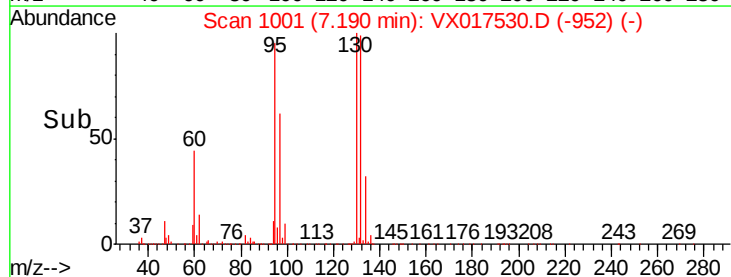
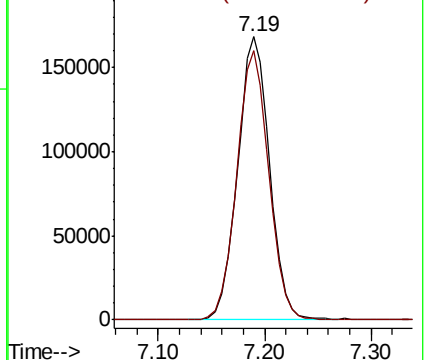
130 100

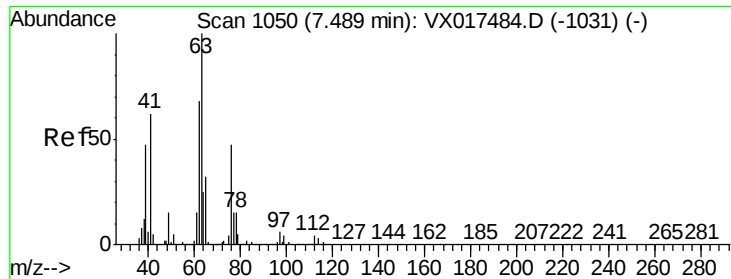
95 95.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.507 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

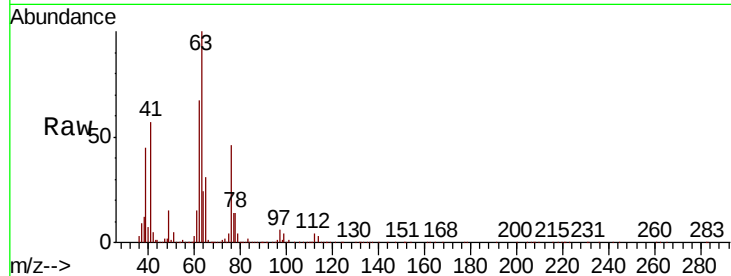
VSTDCCC050EC

Tot Ion: 63 Resp: 325800

Ion Ratio Lower Upper

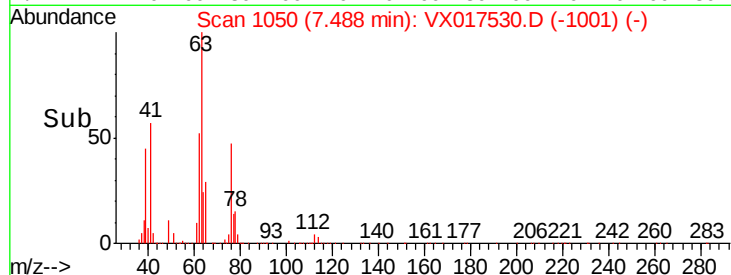
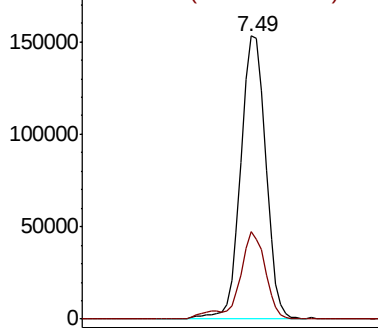
63 100

65 30.8 24.5 36.7

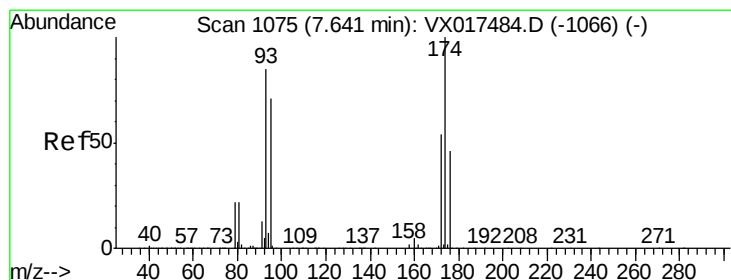


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 48.755 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

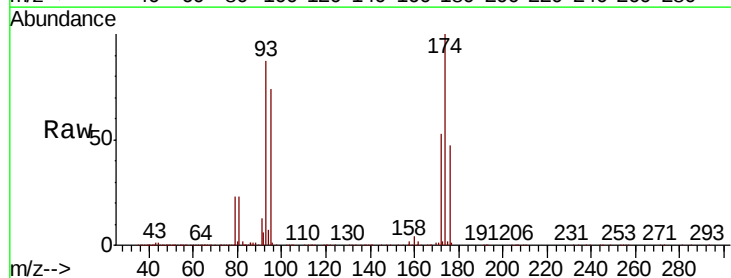
Tgt Ion: 93 Resp: 226749

Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

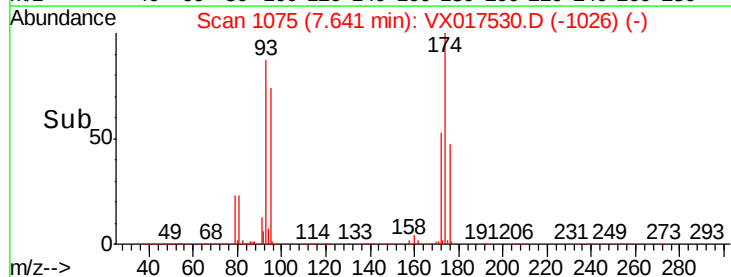
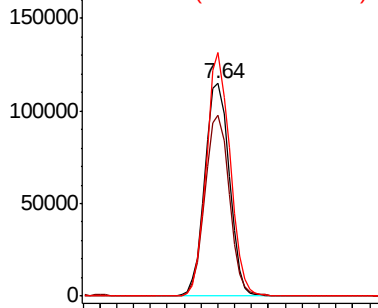
174 109.7 87.0 130.6



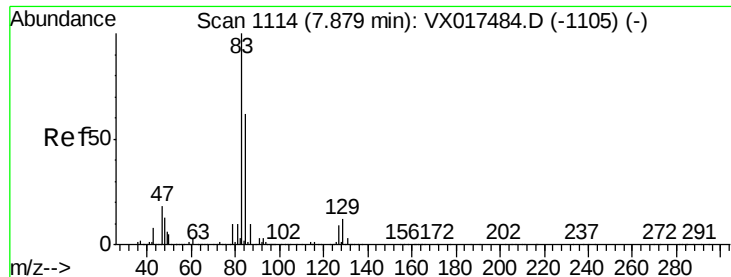
Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->



#47

Bromodichloromethane

Concen: 51.308 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

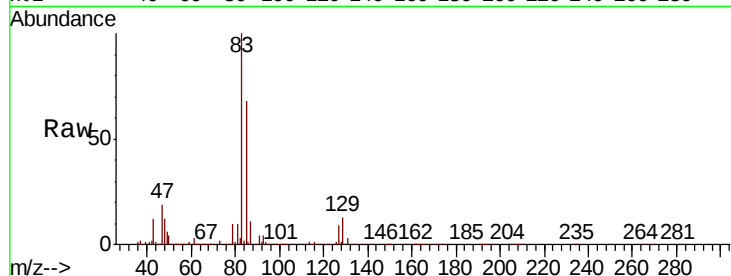
Tot Ion: 83 Resp: 480142

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.8

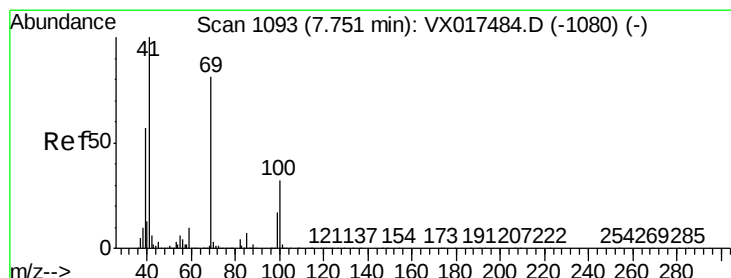
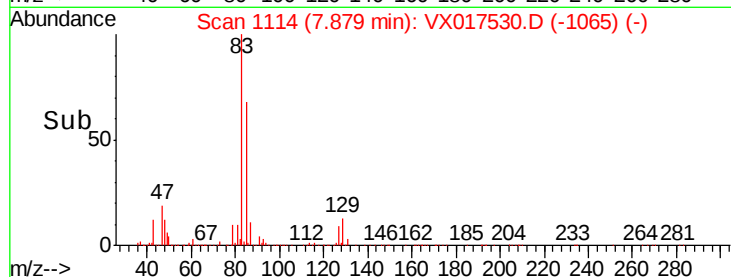
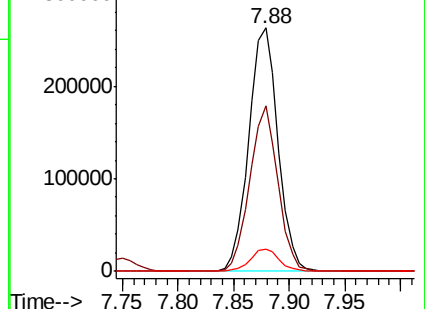
127 9.2 7.4 11.2



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: 53.043 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

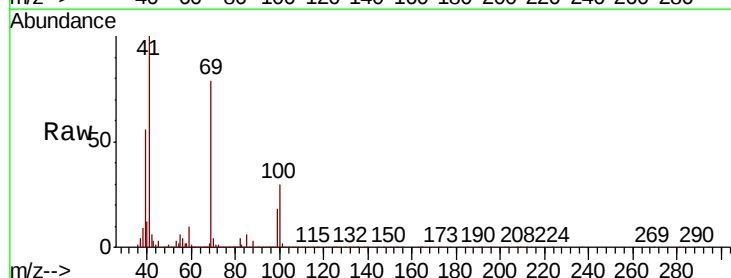
Tgt Ion: 41 Resp: 393041

Ion Ratio Lower Upper

41 100

69 79.4 63.1 94.7

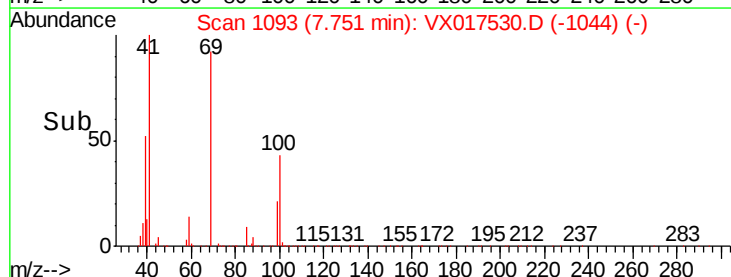
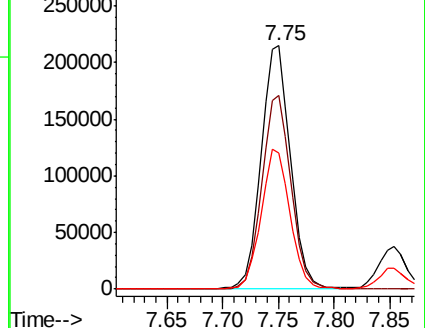
39 56.9 45.1 67.7

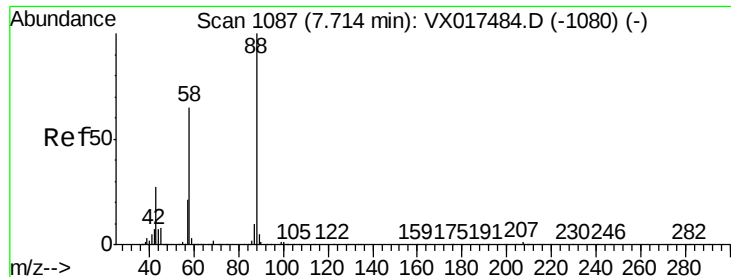


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

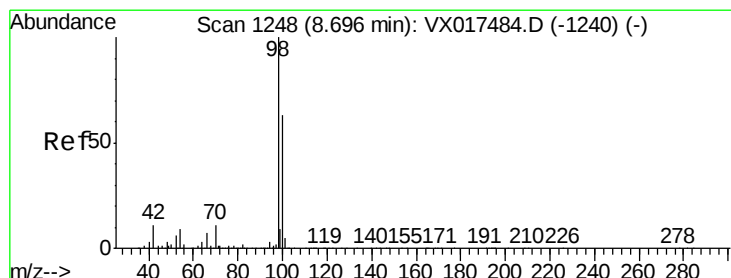
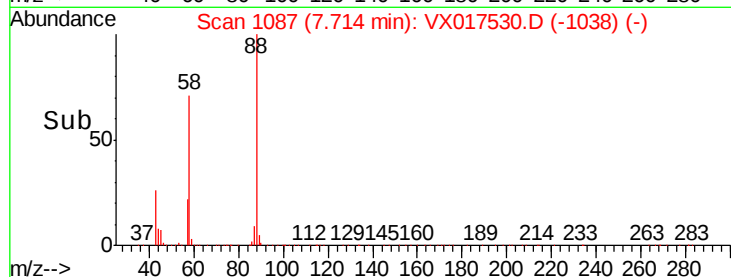
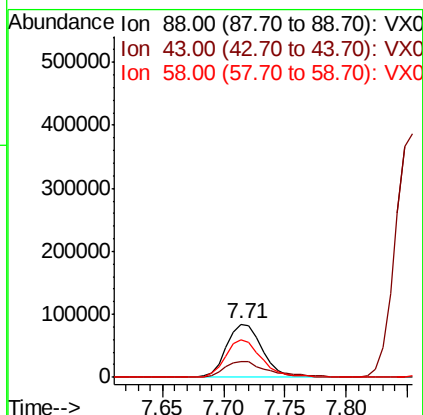
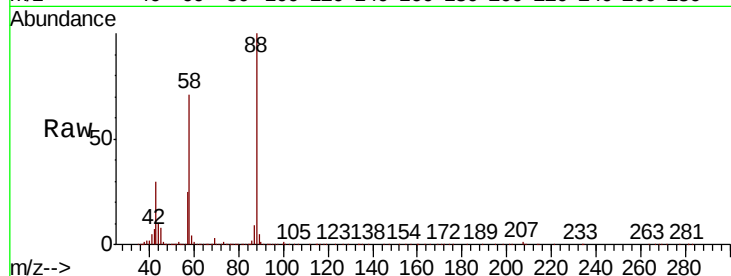




#49
1,4-Dioxane
Concen: 1197.720 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

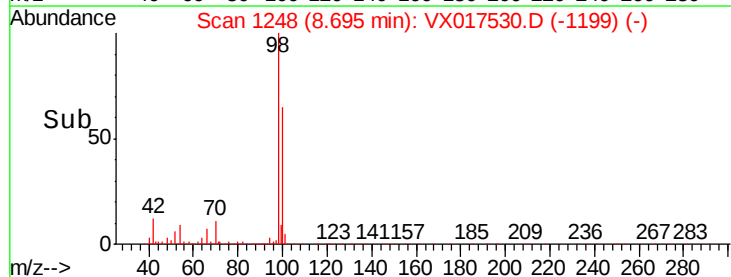
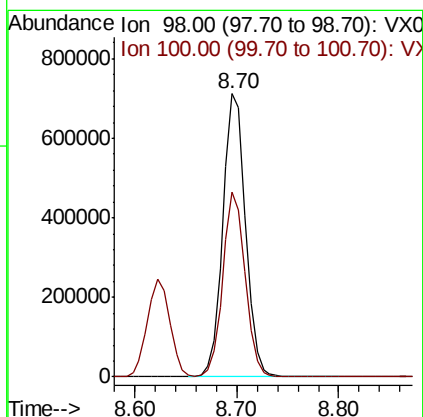
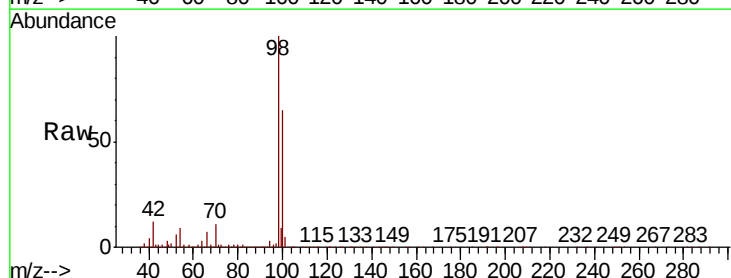
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 170152
Ion Ratio Lower Upper
88 100
43 34.9 27.8 41.6
58 71.3 58.3 87.5



#50
Toluene-d8
Concen: 52.745 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 98 Resp: 1098675
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 278.920 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

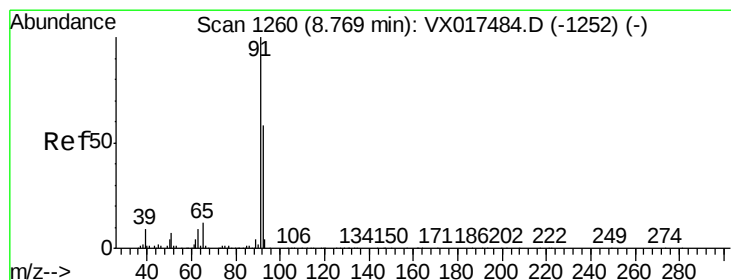
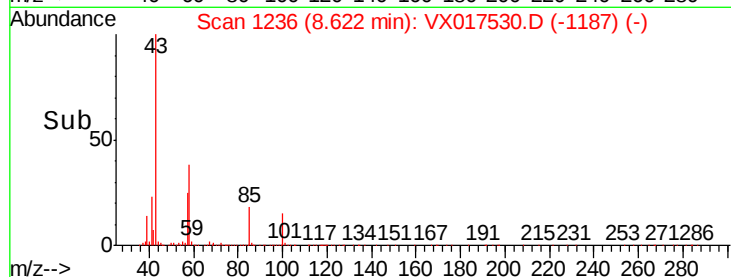
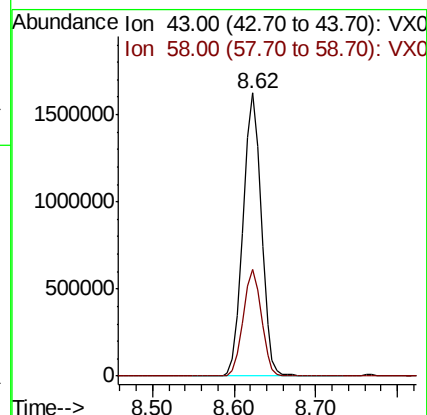
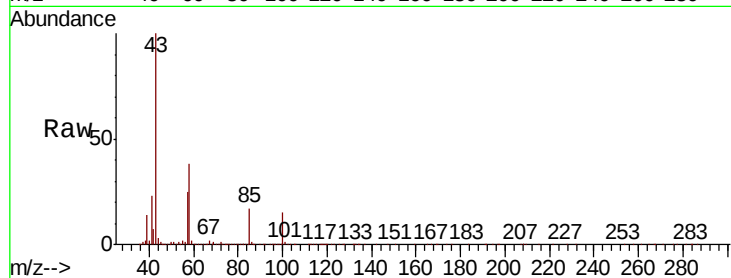
VSTDCCC050EC

Tot Ion: 43 Resp: 2487726

Ion Ratio Lower Upper

43 100

58 37.7 31.0 46.4



#52

Toluene

Concen: 52.390 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017530.D

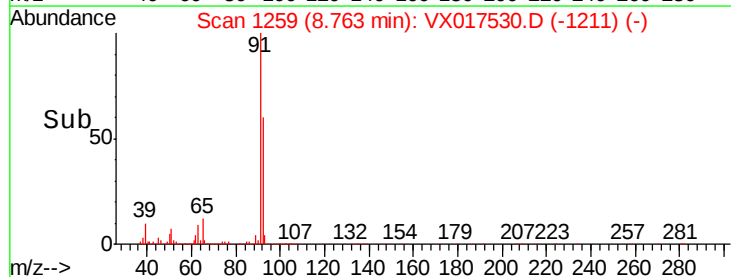
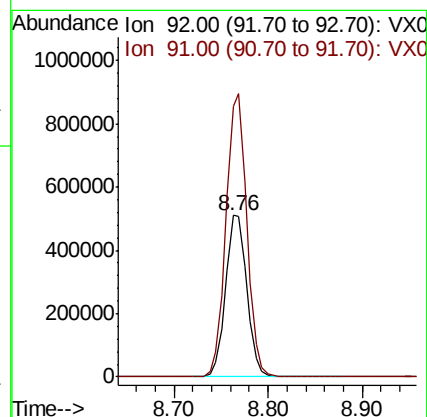
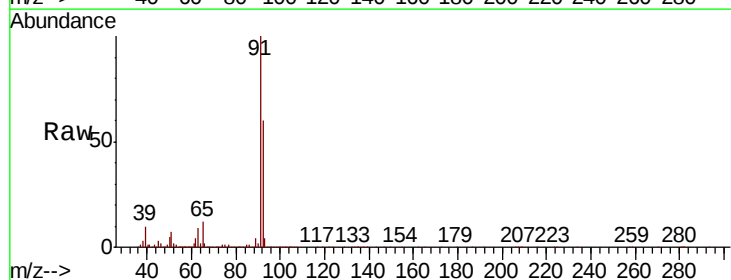
Acq: 24 Jul 2020 06:48

Tgt Ion: 92 Resp: 797610

Ion Ratio Lower Upper

92 100

91 171.8 137.6 206.4

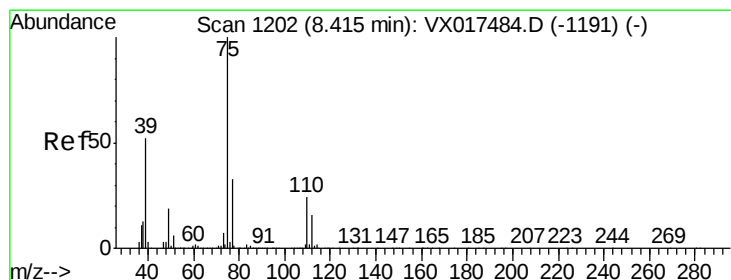
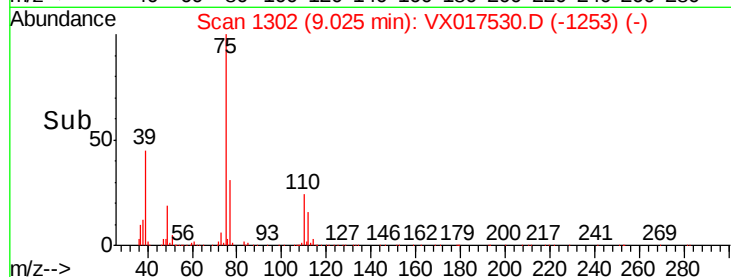
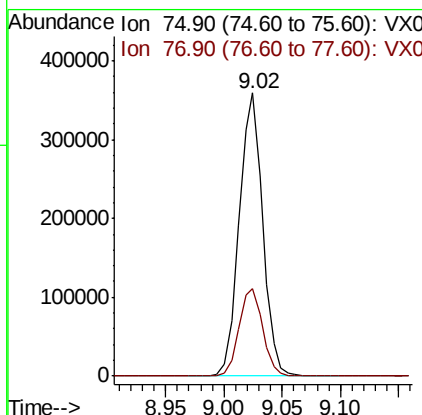
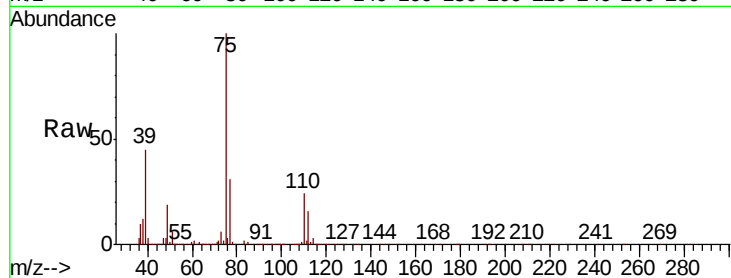




#53
 t-1,3-Dichloropropene
 Concen: 48.161 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

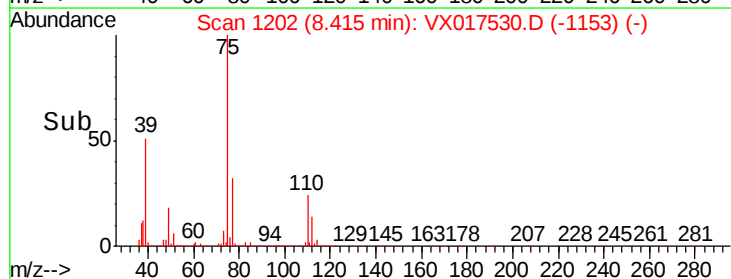
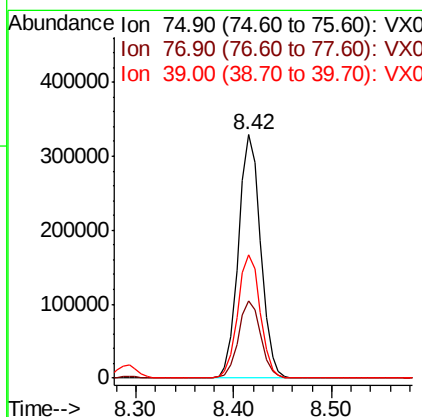
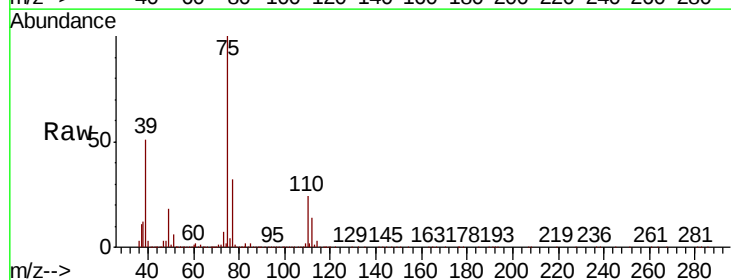
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

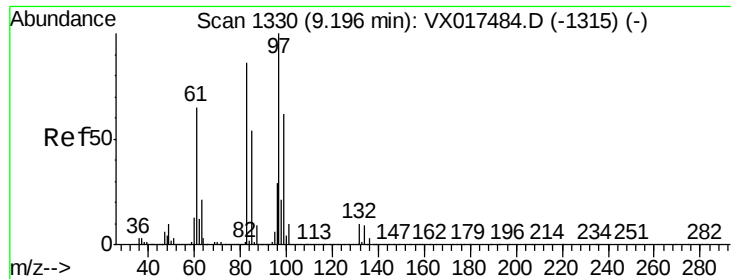
Tot Ion: 75 Resp: 504512
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.503 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion: 75 Resp: 518251
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 50.6 41.8 62.8

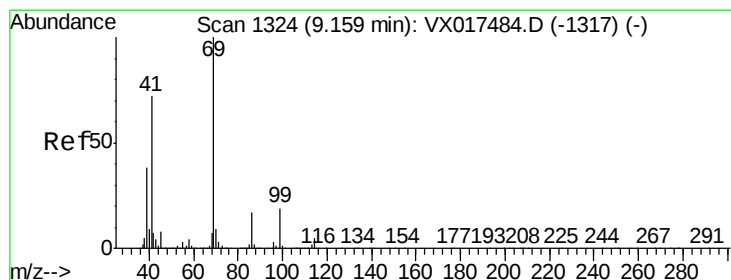
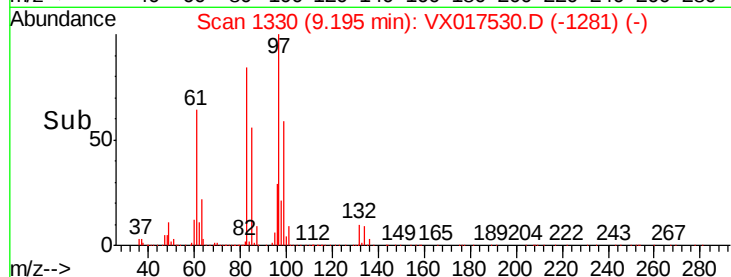
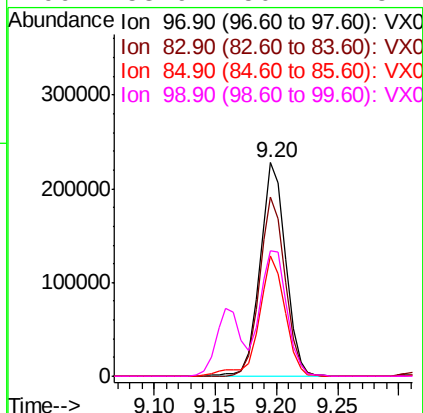
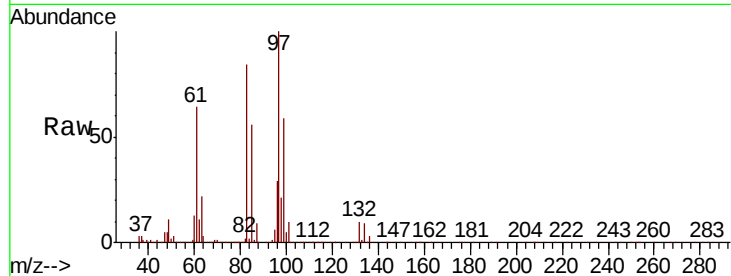




#55
 1,1,2-Trichloroethane
 Concen: 52.698 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

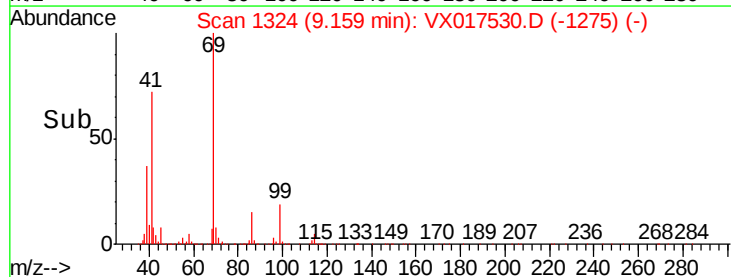
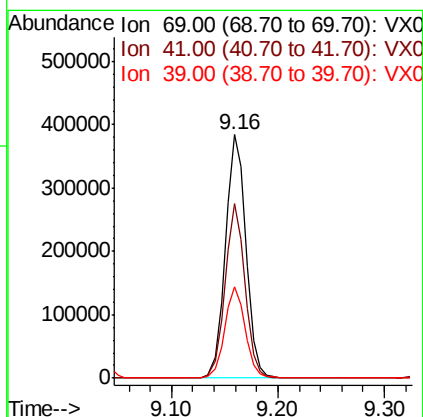
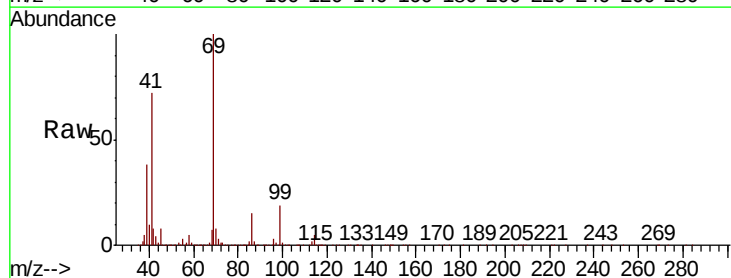
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

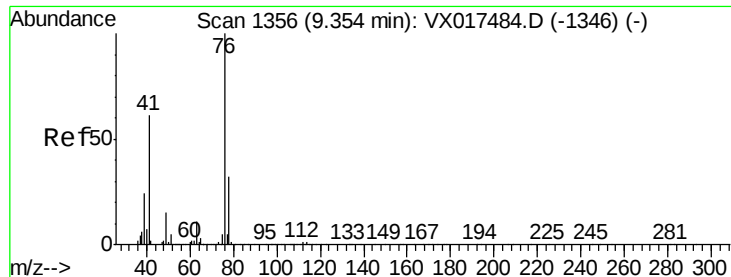
Tot Ion:	97	Resp:	334218
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.6	101.4
85	56.1	44.6	67.0
99	58.9	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 54.306 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion:	69	Resp:	518893
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.0	82.6
39	37.1	30.0	45.0





#57

1,3-Dichloropropane

Concen: 52.493 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

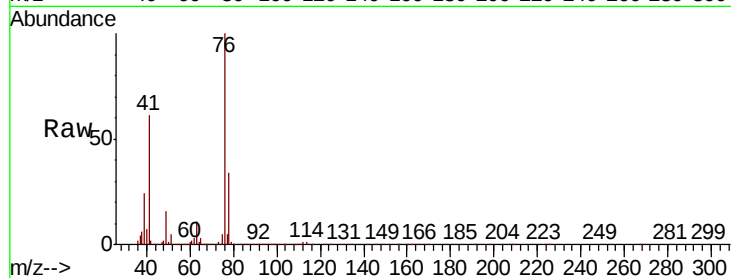
VSTDCCC050EC

Tot Ion: 76 Resp: 548188

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

300000

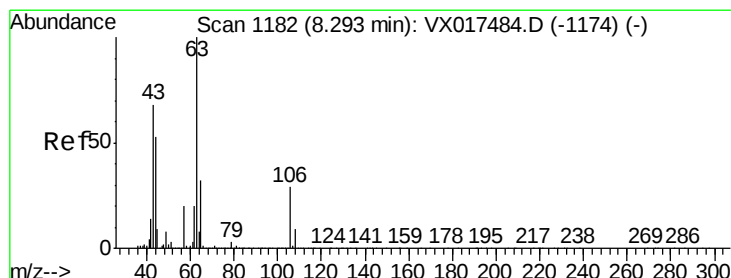
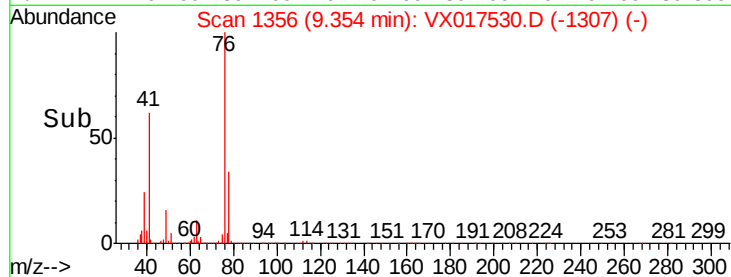
200000

100000

0

9.30 9.35 9.40

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.055 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017530.D

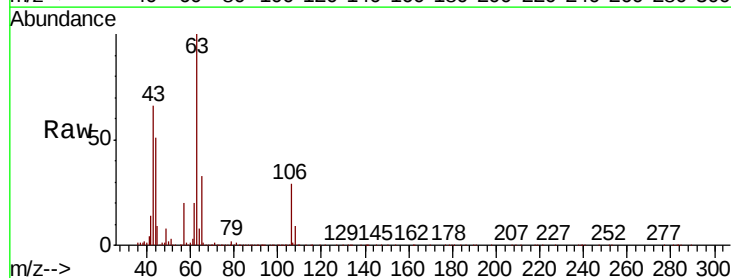
Acq: 24 Jul 2020 06:48

Tgt Ion: 63 Resp: 1248703

Ion Ratio Lower Upper

63 100

106 28.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

600000

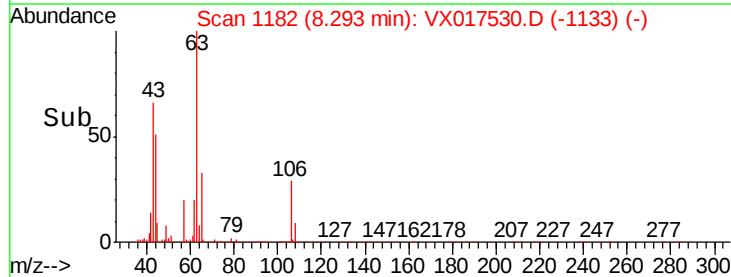
400000

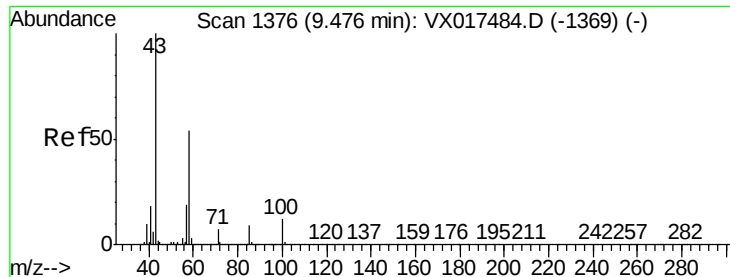
200000

0

8.20 8.30 8.40

Time-->

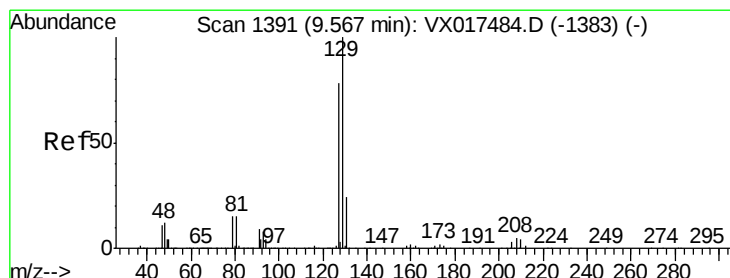
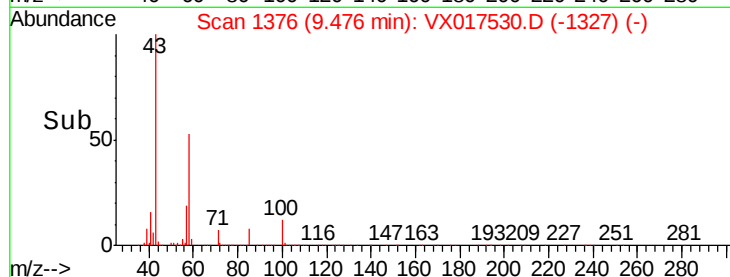
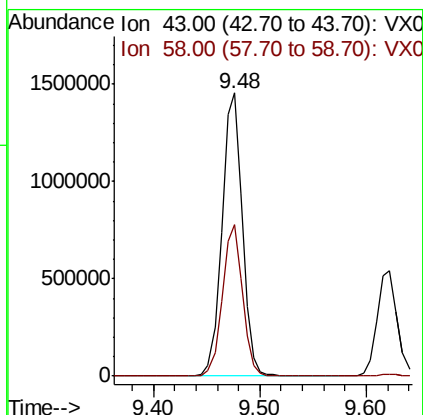
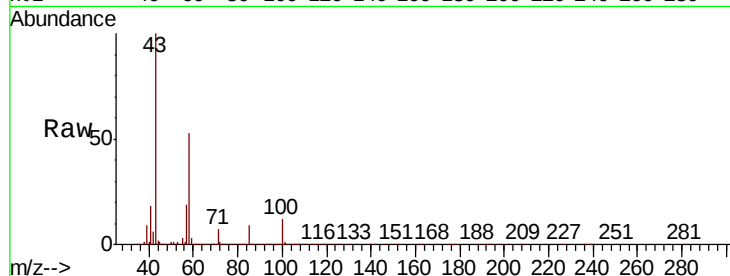




#59
2-Hexanone
Concen: 288.148 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

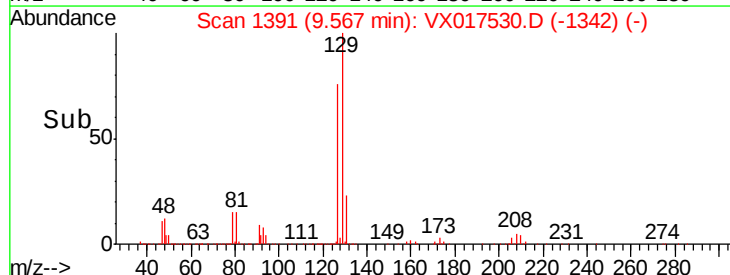
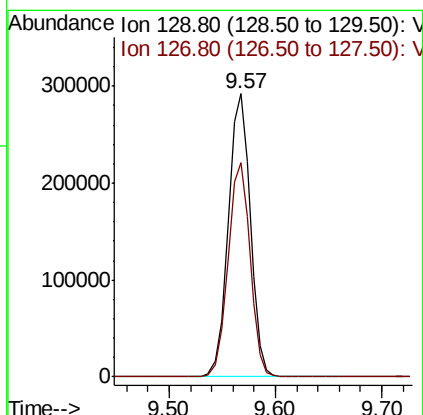
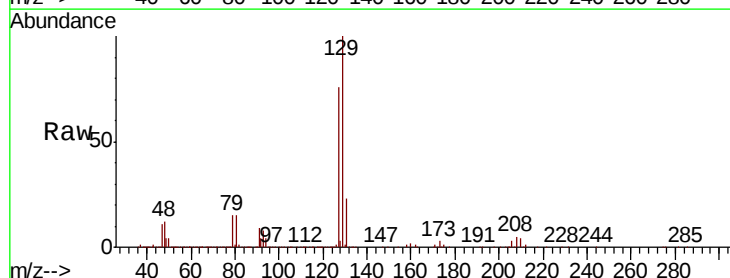
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

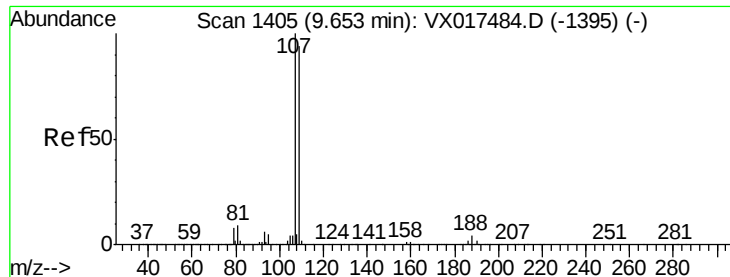
Tot Ion: 43 Resp: 1934945
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8



#60
Dibromochloromethane
Concen: 52.600 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 129 Resp: 424003
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.355 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

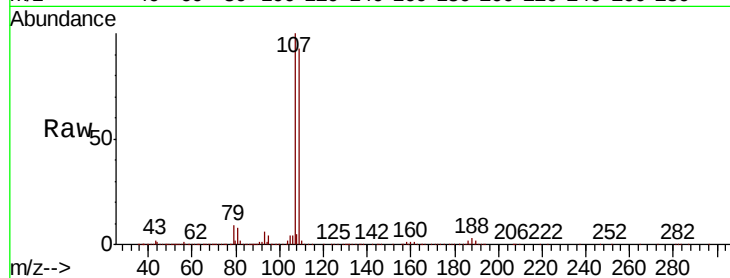
VSTDCCC050EC

Tot Ion:107 Resp: 367013

Ion Ratio Lower Upper

107 100

109 93.9 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

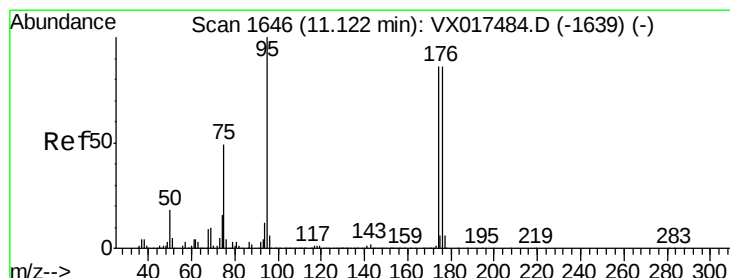
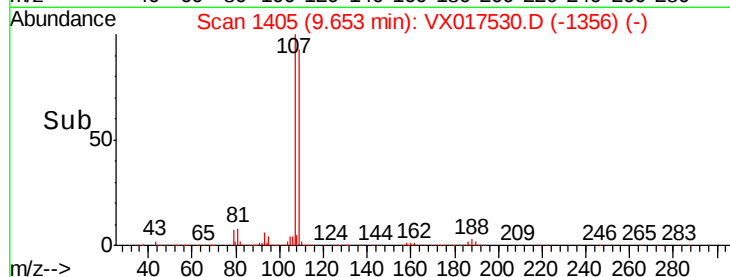
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 54.607 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

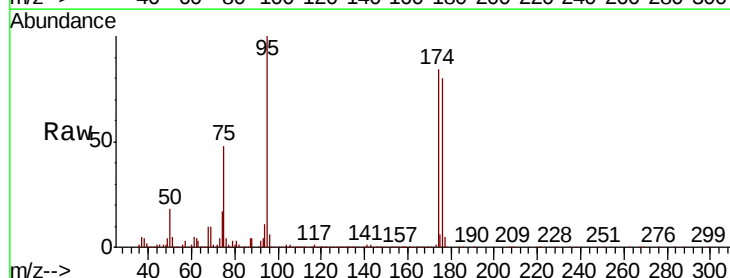
Tgt Ion: 95 Resp: 455221

Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.0

176 79.1 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

500000

400000

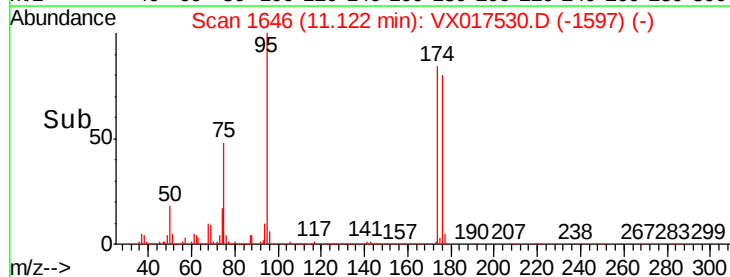
300000

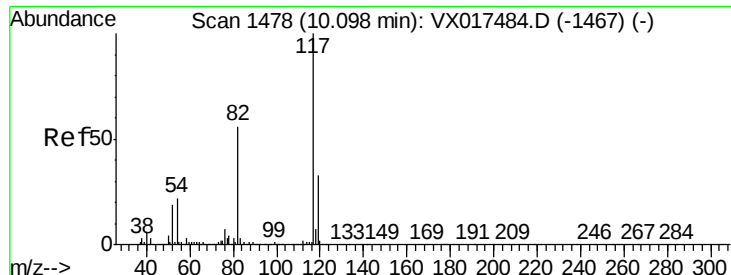
200000

100000

0

Time--> 11.10 11.12 11.20

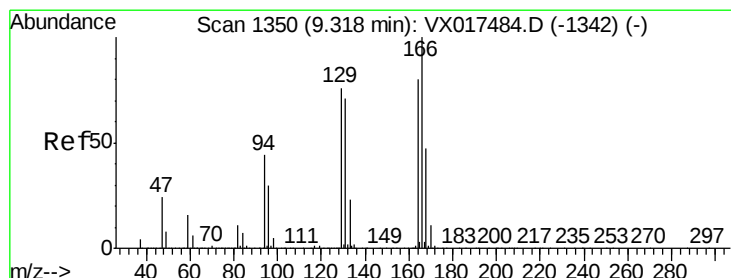
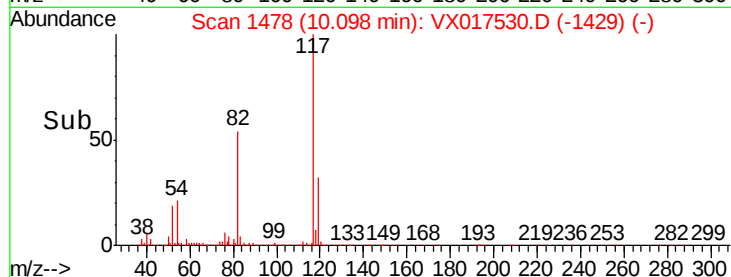
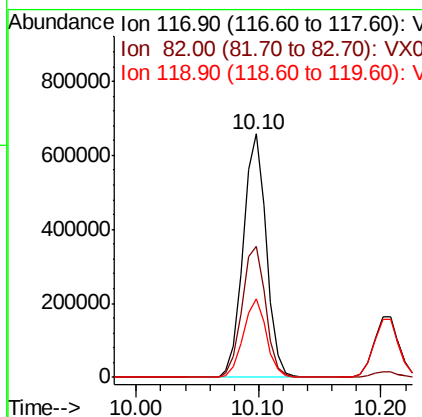
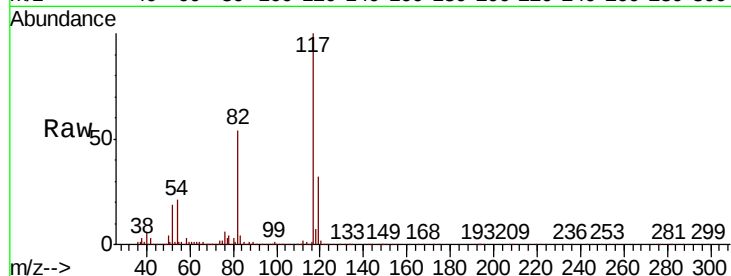




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

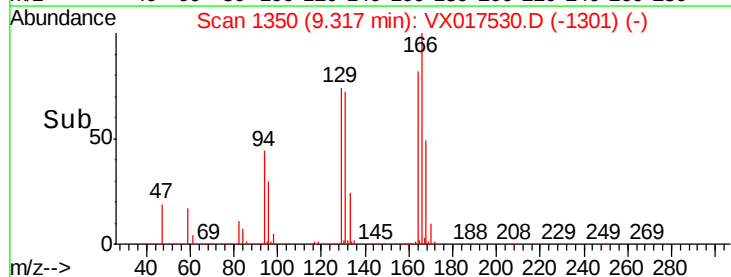
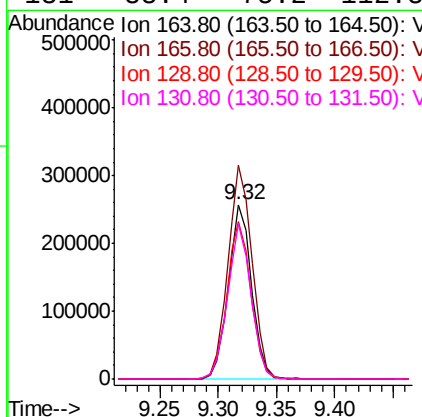
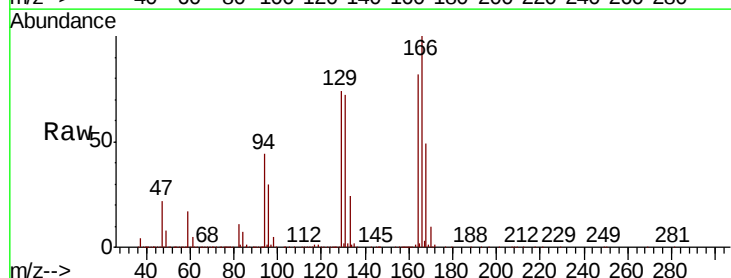
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 861290
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 45.905 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:164 Resp: 354862
Ion Ratio Lower Upper
164 100
166 122.4 100.6 150.8
129 90.5 75.0 112.6
131 88.4 75.2 112.8

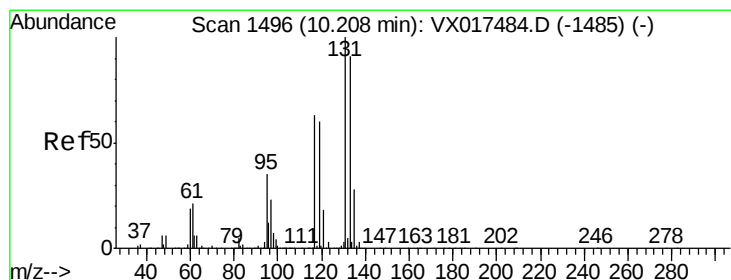
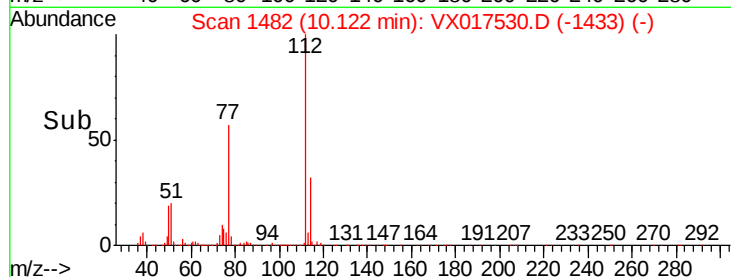
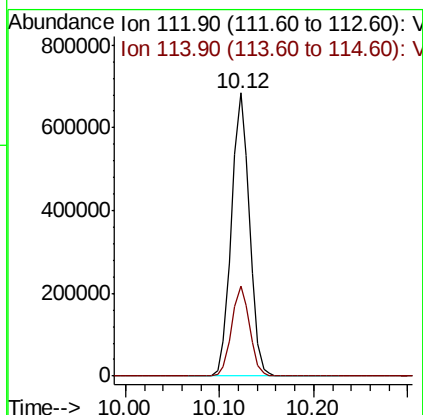




#65
Chlorobenzene
Concen: 48.804 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

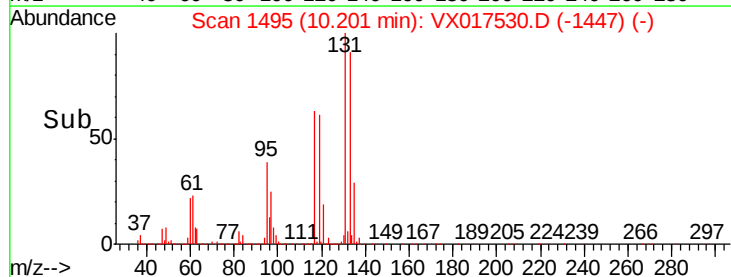
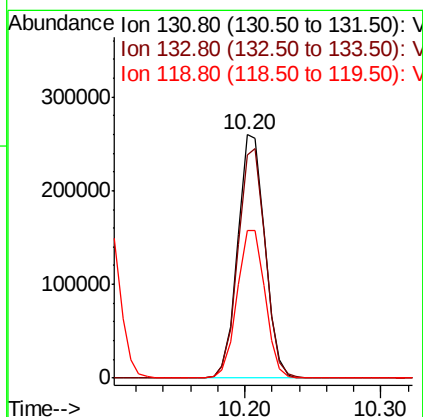
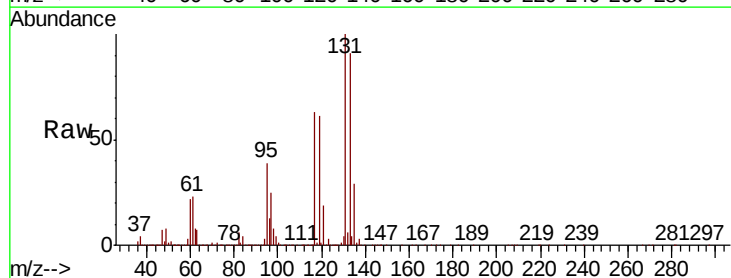
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

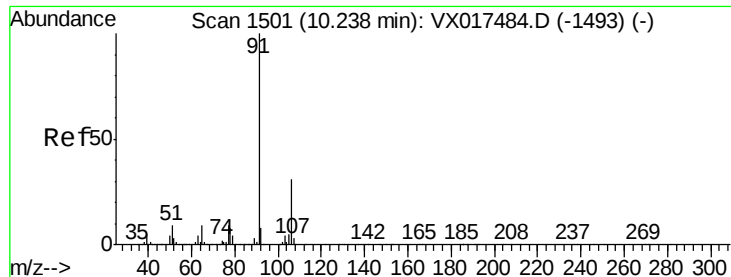
Tot Ion:112 Resp: 909844
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.035 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:131 Resp: 361413
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 62.6 31.1 93.3

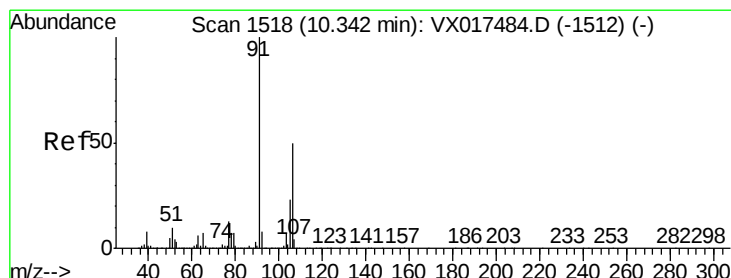
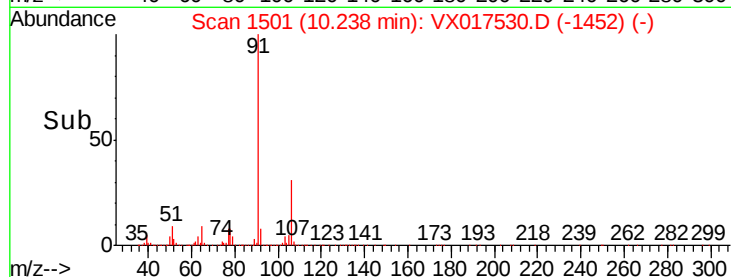
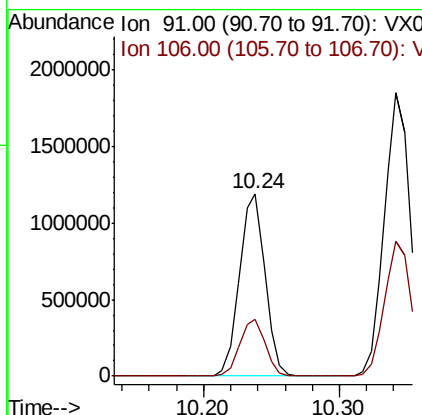
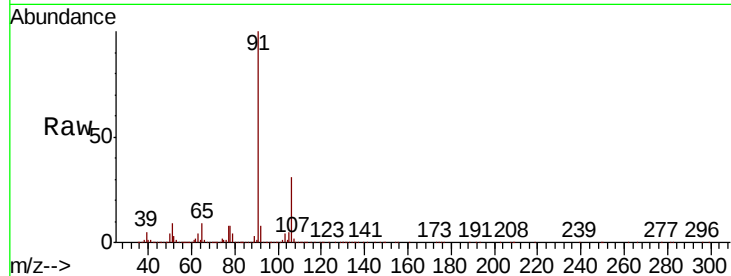




#67
Ethyl Benzene
Concen: 50.093 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

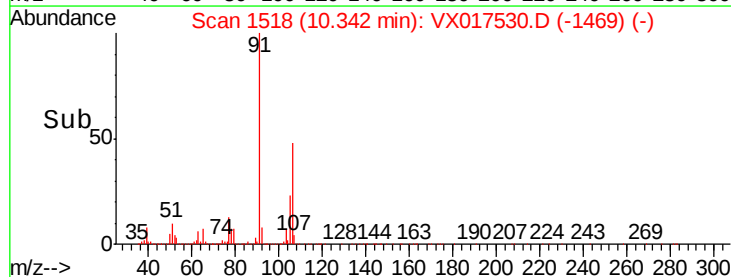
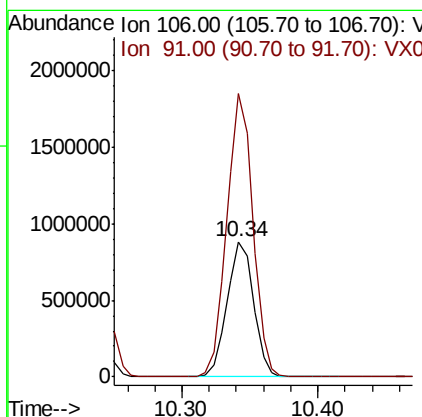
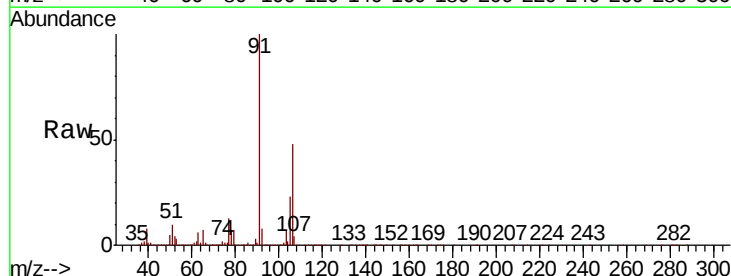
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1558884
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 99.362 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 106 Resp: 1197882
Ion Ratio Lower Upper
106 100
91 205.8 160.9 241.3

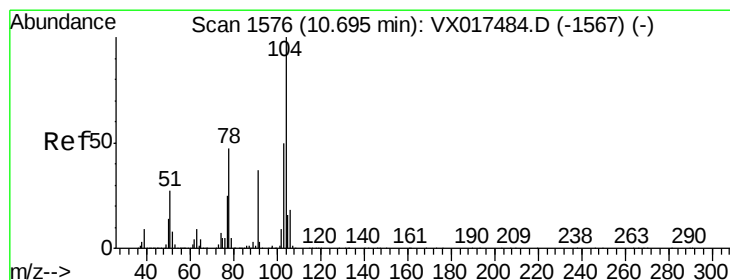
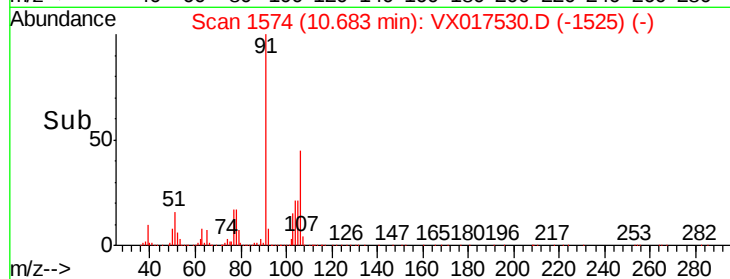
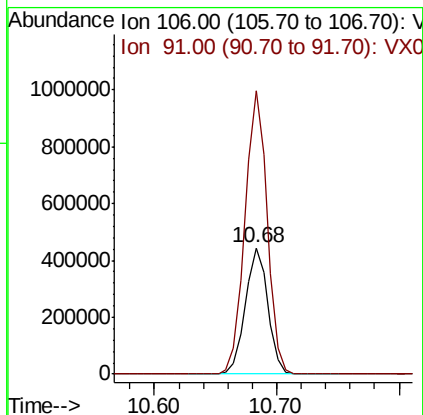
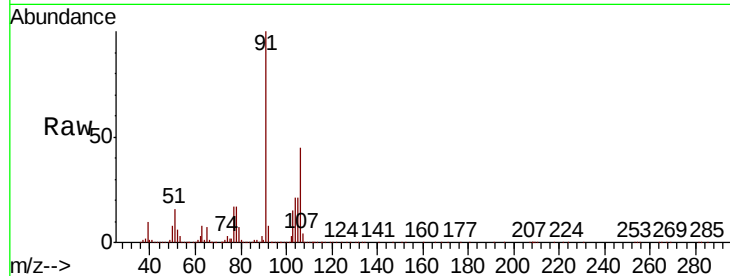




#69
o-Xylene
Concen: 49.015 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

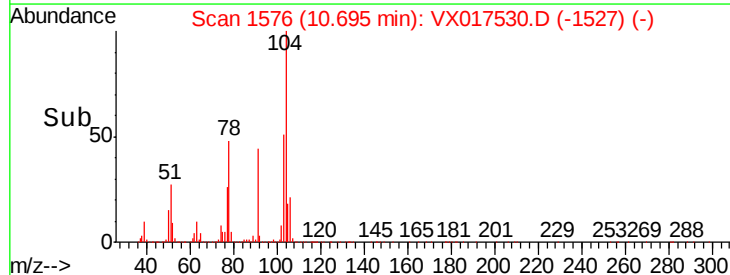
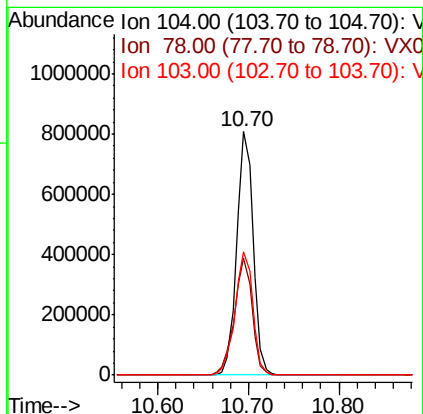
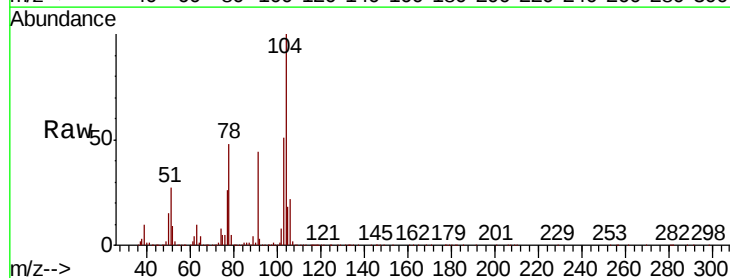
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

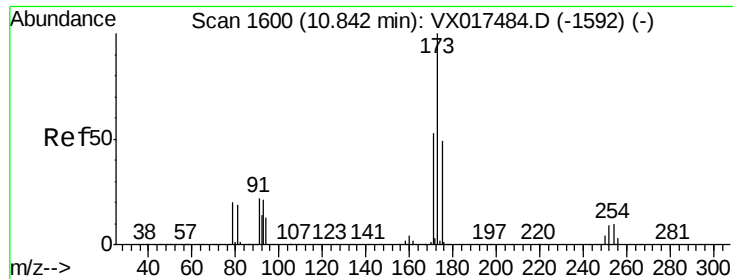
Tot Ion:106 Resp: 568327
Ion Ratio Lower Upper
106 100
91 220.6 108.2 324.6



#70
Styrene
Concen: 51.595 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:104 Resp: 1017851
Ion Ratio Lower Upper
104 100
78 52.0 42.5 63.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 49.127 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

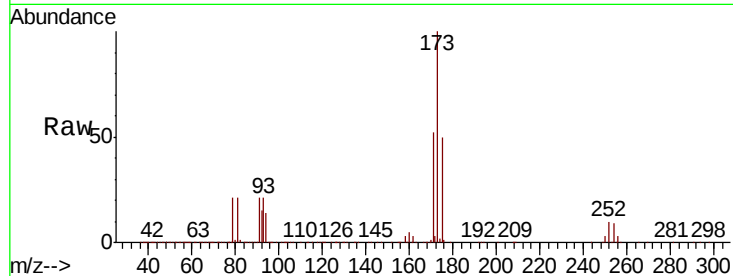
Tot Ion:173 Resp: 320244

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.5

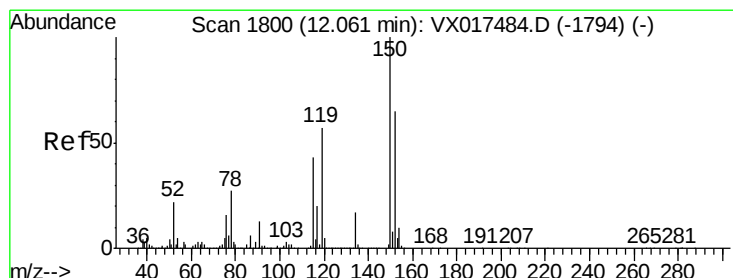
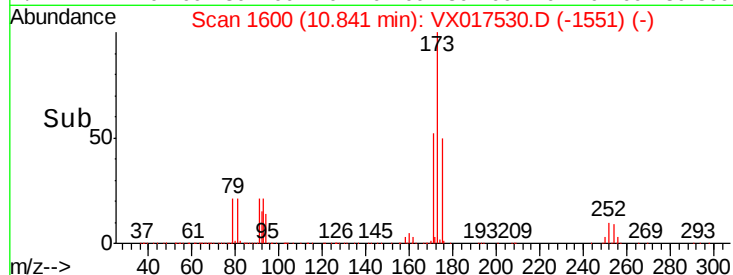
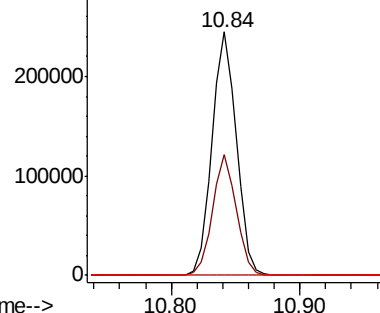
254 0.2 0.1 0.1#



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: VX017530.D

Acq: 24 Jul 2020 06:48

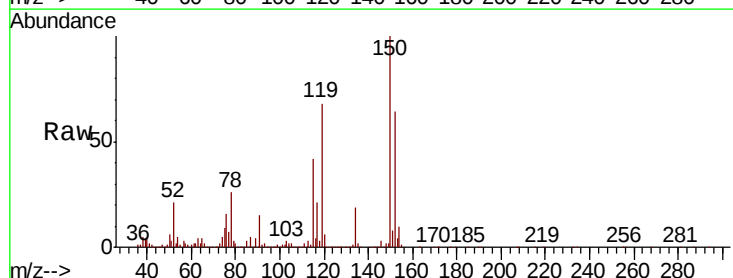
Tgt Ion:152 Resp: 467444

Ion Ratio Lower Upper

152 100

115 81.2 65.5 196.6

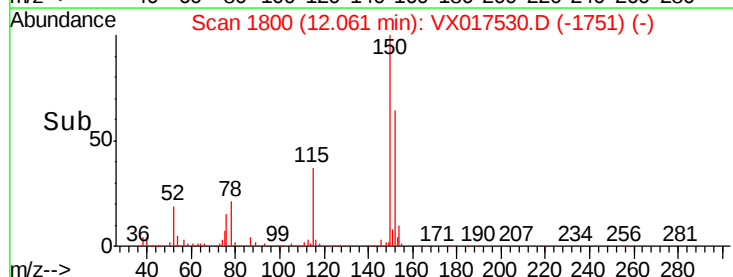
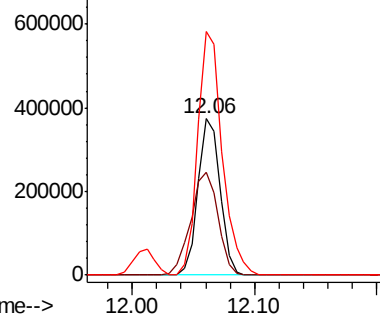
150 172.2 0.0 412.6

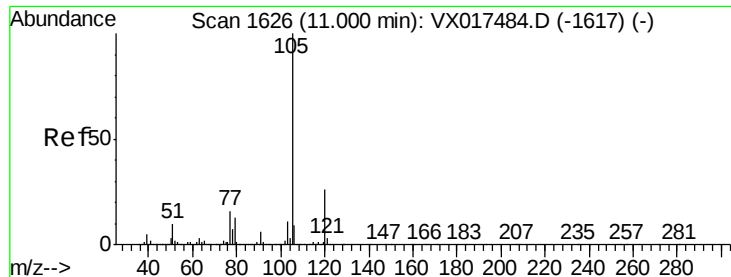


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.669 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

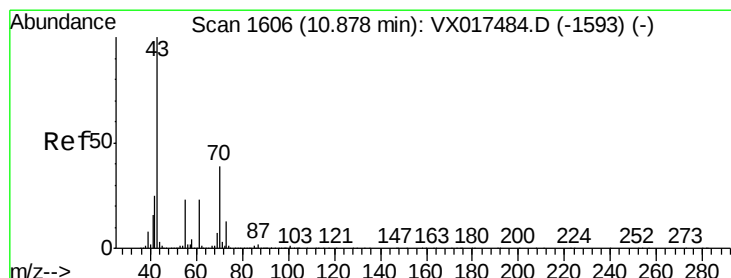
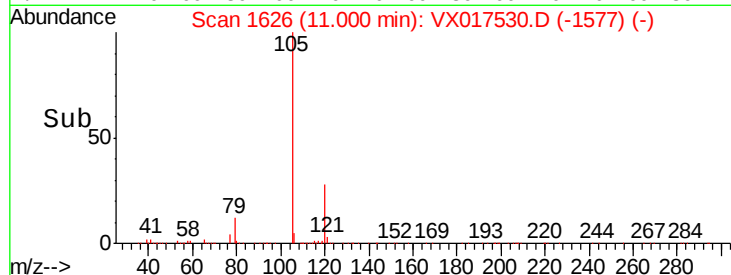
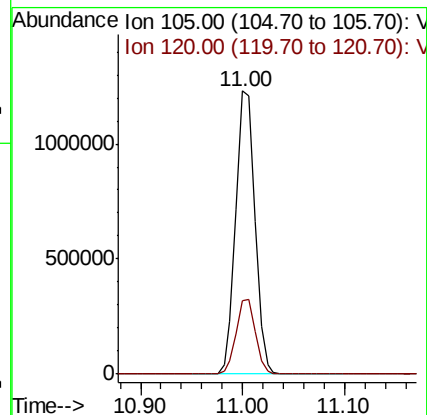
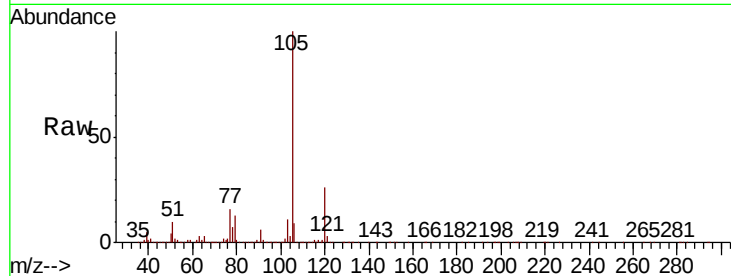
VSTDCCC050EC

Tot Ion:105 Resp: 1592775

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 51.505 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion: 43 Resp: 733837

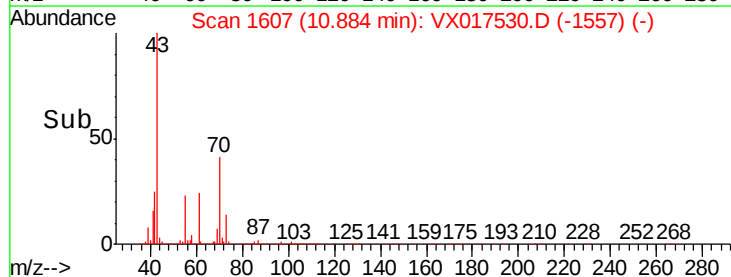
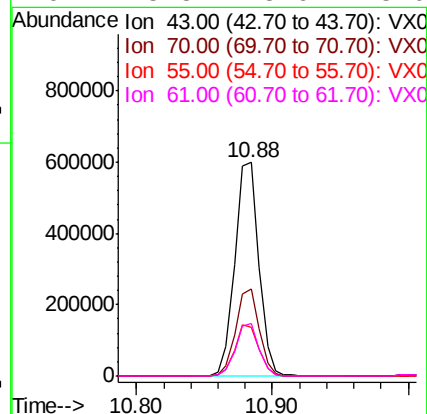
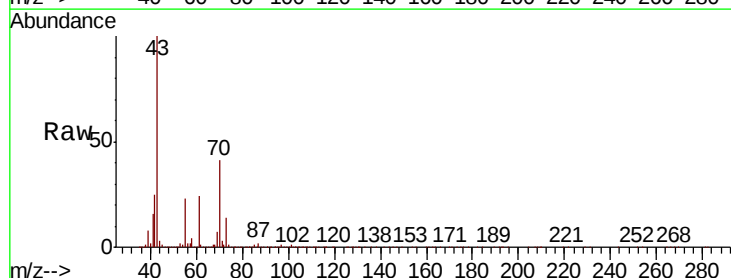
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.7 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.888 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

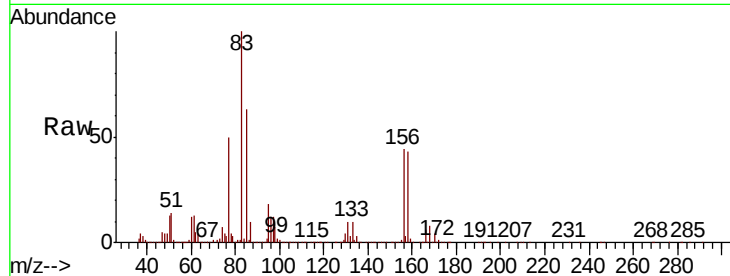
Tot Ion: 83 Resp: 479328

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

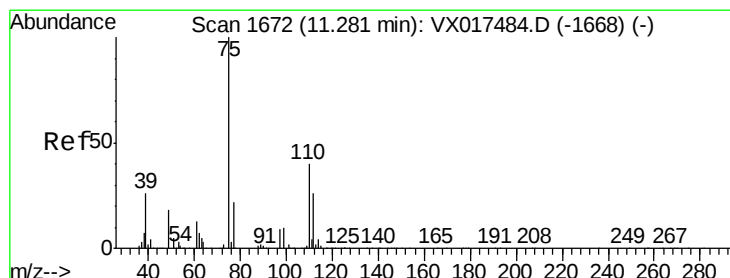
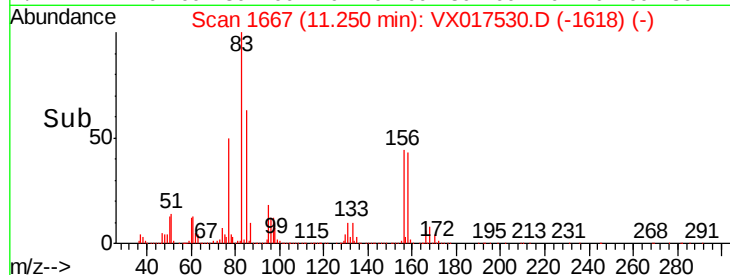
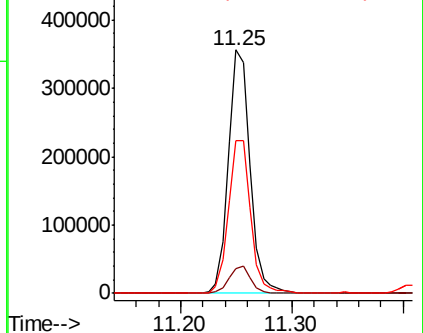
85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.634 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017530.D

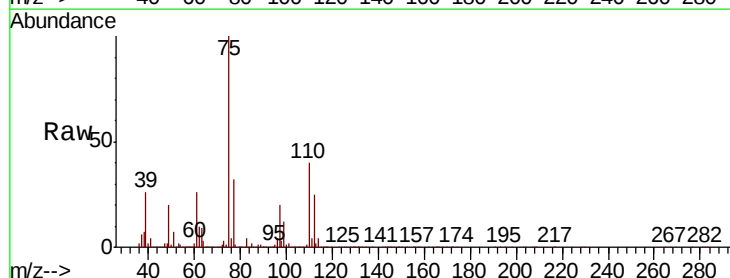
Acq: 24 Jul 2020 06:48

Tgt Ion: 75 Resp: 592647

Ion Ratio Lower Upper

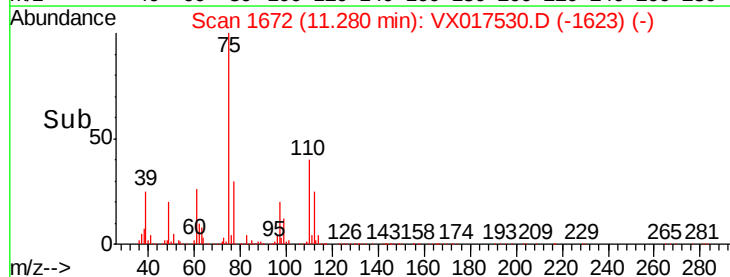
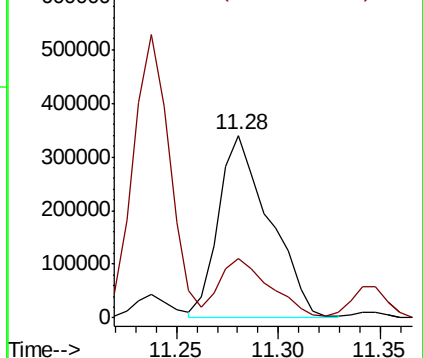
75 100

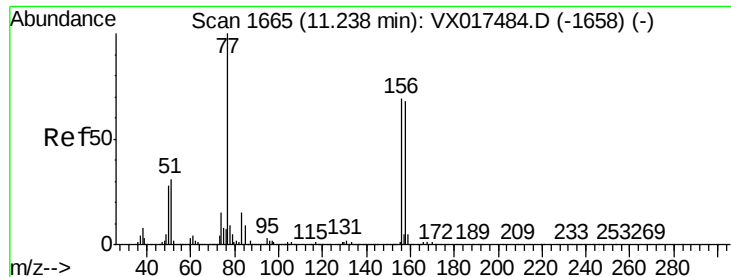
77 32.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.107 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

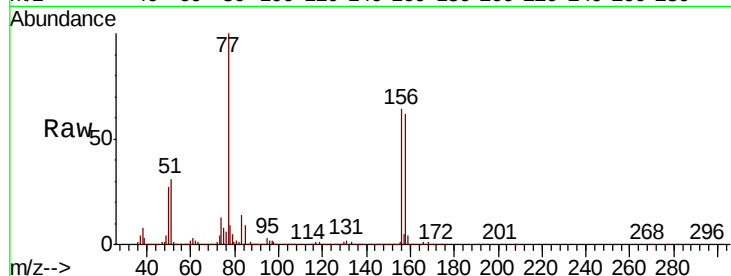
Tot Ion:156 Resp: 431872

Ion Ratio Lower Upper

156 100

77 152.8 75.0 225.0

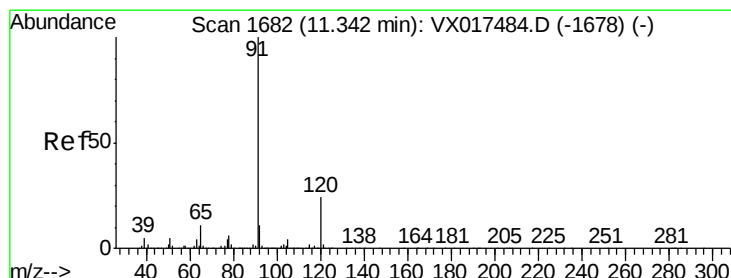
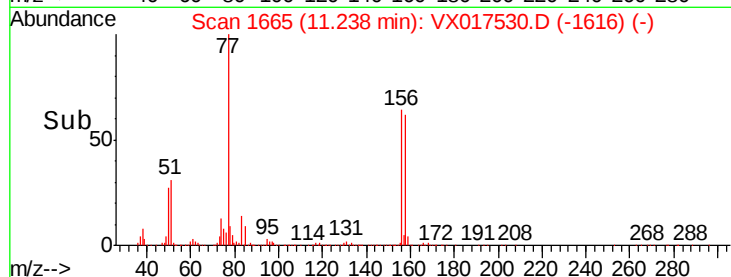
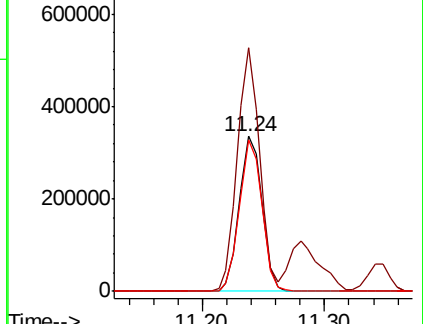
158 96.9 49.1 147.3



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: 50.576 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017530.D

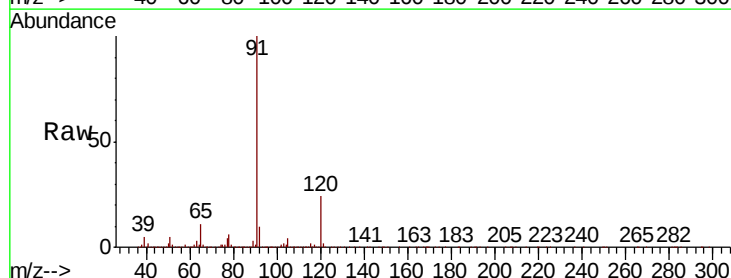
Acq: 24 Jul 2020 06:48

Tgt Ion: 91 Resp: 1829185

Ion Ratio Lower Upper

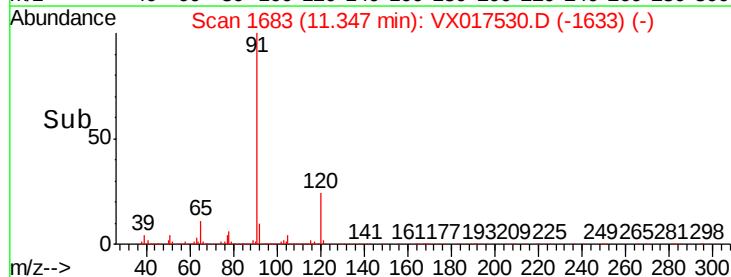
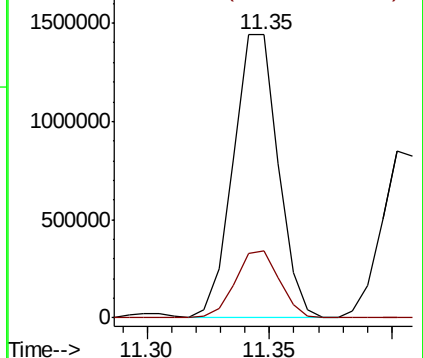
91 100

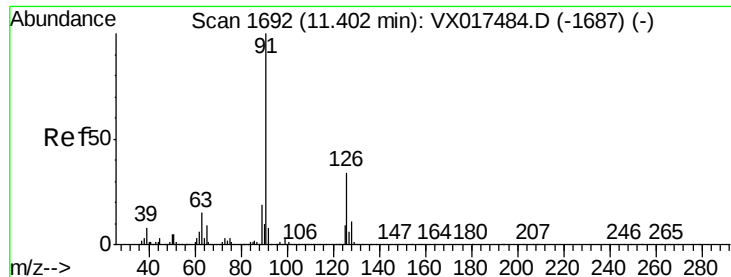
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

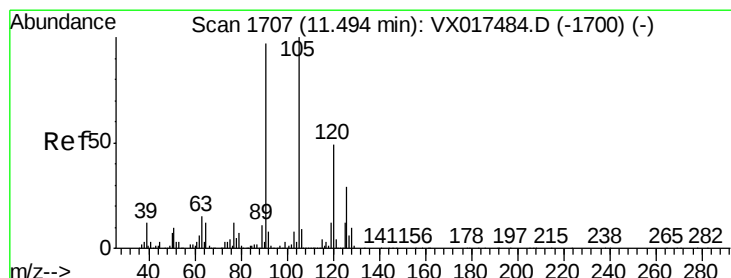
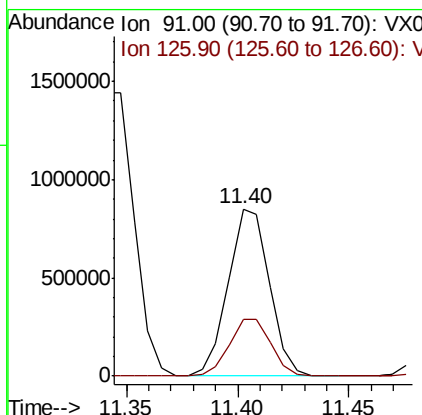
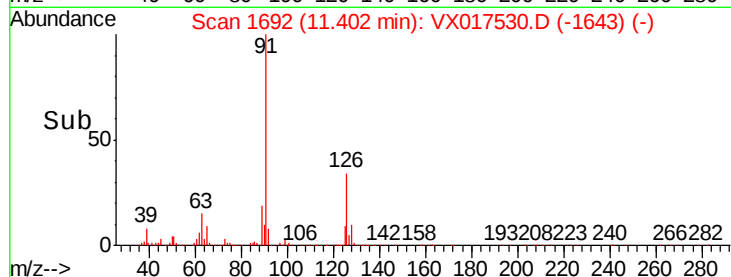
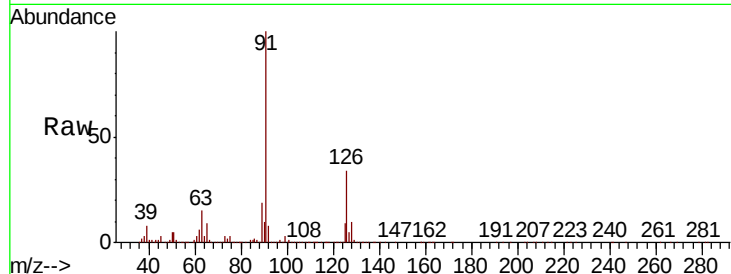




#79
2-Chlorotoluene
Concen: 48.607 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

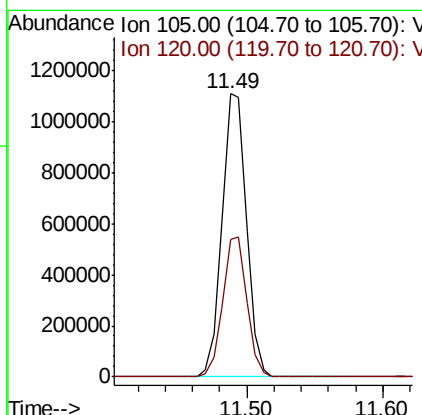
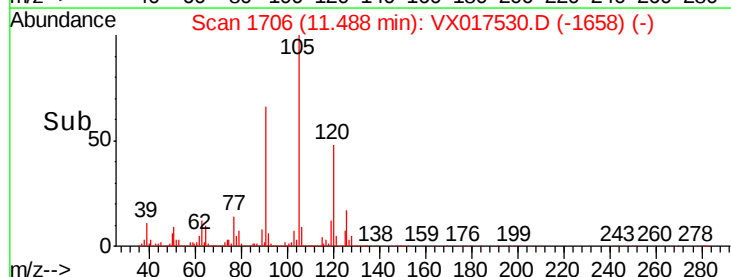
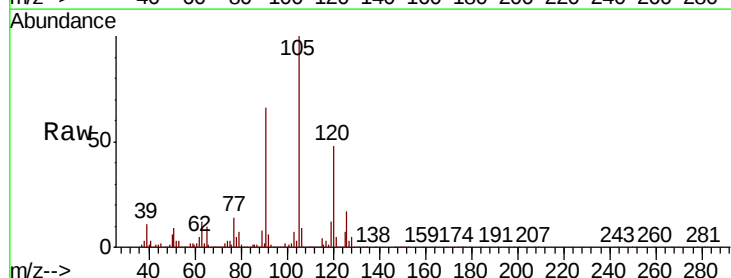
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

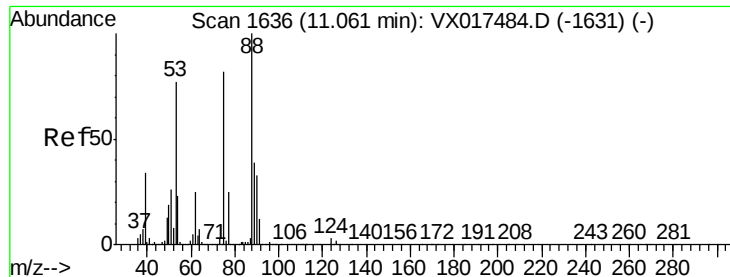
Tot Ion: 91 Resp: 1089005
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.350 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 105 Resp: 1378557
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 40.978 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

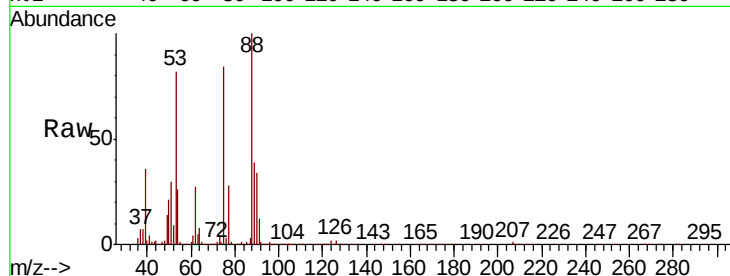
Tot Ion: 75 Resp: 156375

Ion Ratio Lower Upper

75 100

53 97.9 75.9 113.9

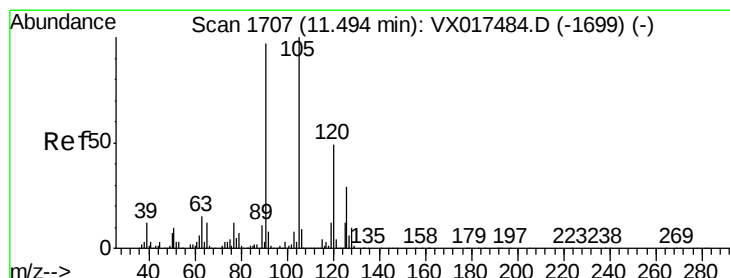
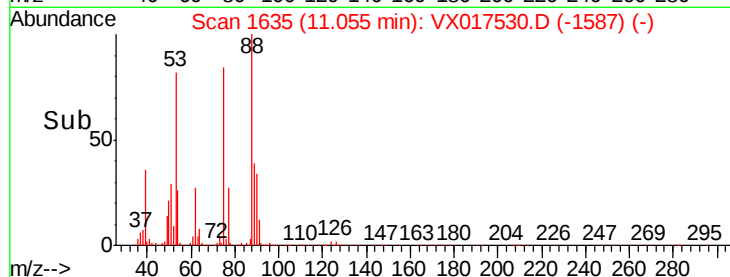
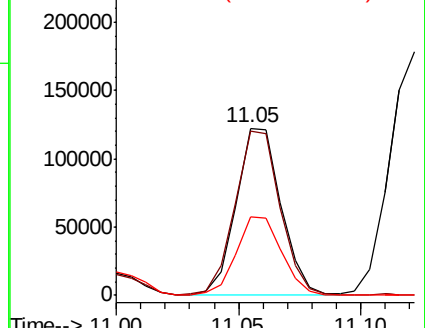
89 47.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.161 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017530.D

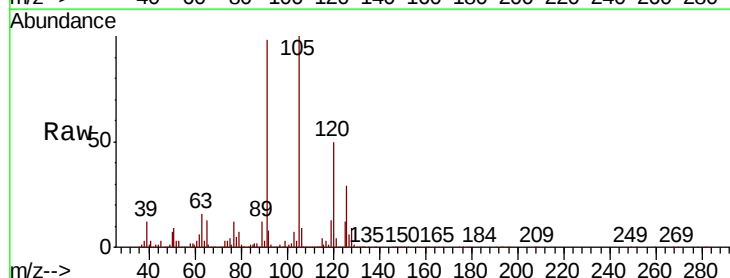
Acq: 24 Jul 2020 06:48

Tgt Ion: 91 Resp: 1299226

Ion Ratio Lower Upper

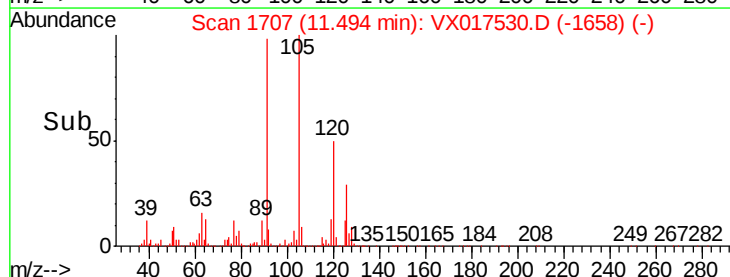
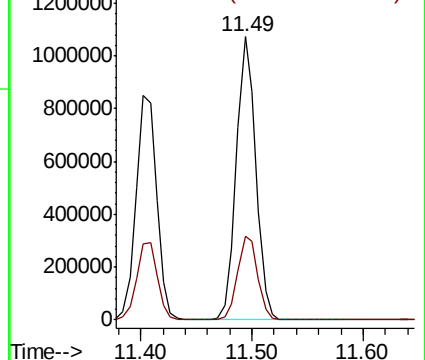
91 100

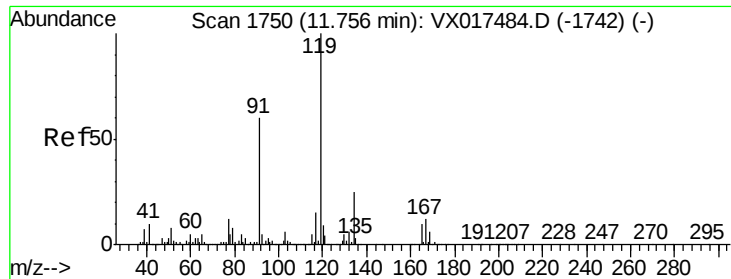
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

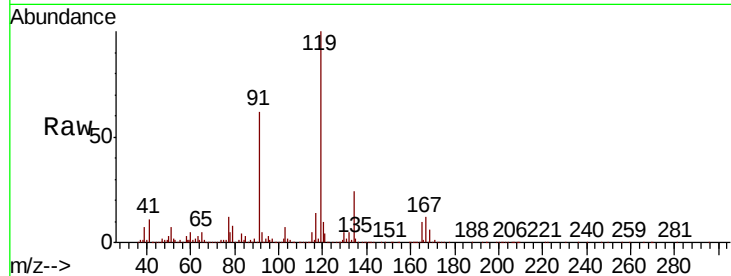




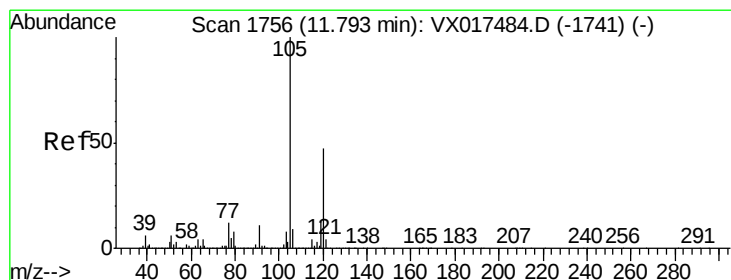
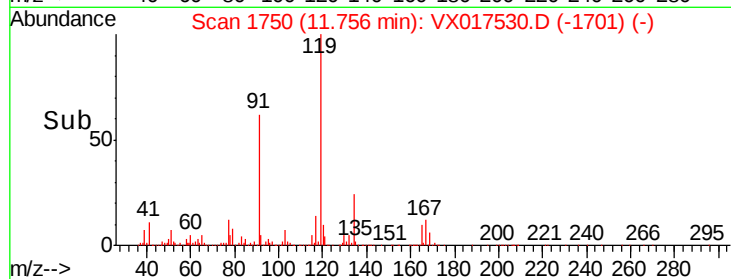
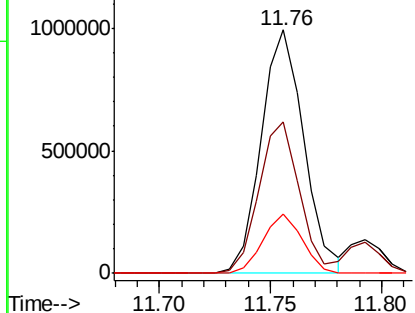
#83
tert-Butylbenzene
Concen: 50.509 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1323269
Ion Ratio Lower Upper
119 100
91 58.7 29.3 88.0
134 22.6 11.2 33.6

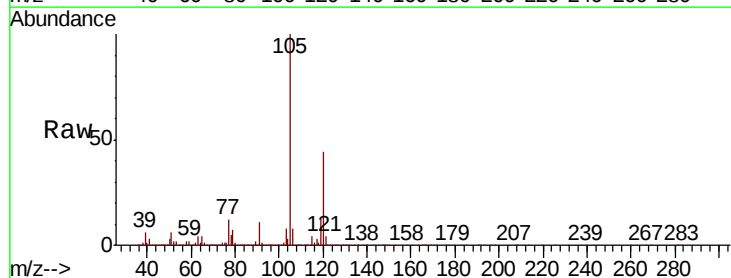


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

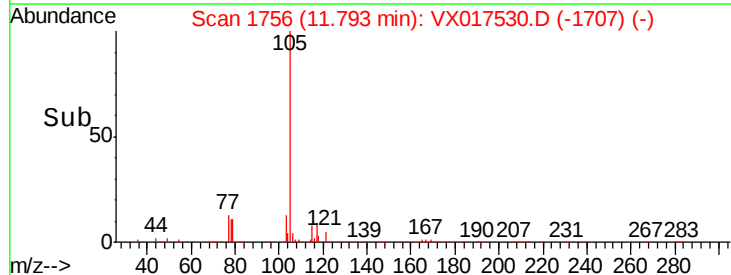
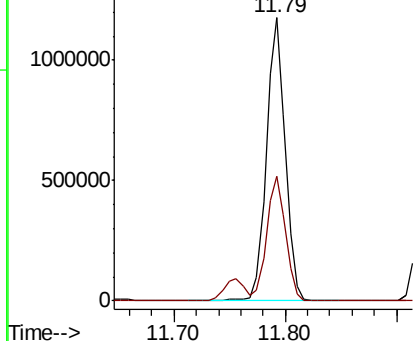


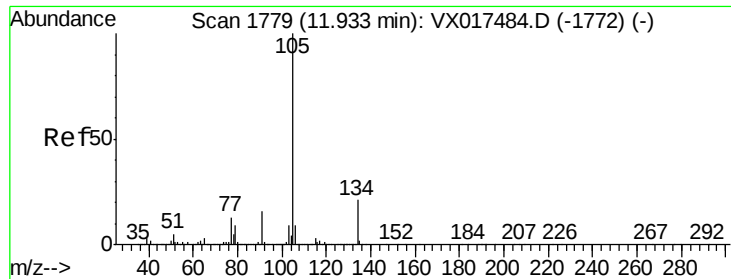
#84
1,2,4-Trimethylbenzene
Concen: 50.954 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:105 Resp: 1387602
Ion Ratio Lower Upper
105 100
120 44.5 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: 50.871 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

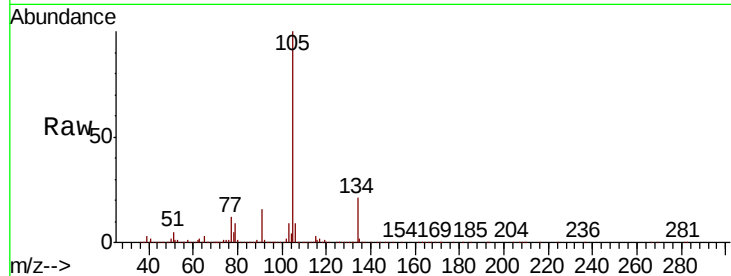
VSTDCCC050EC

Tot Ion:105 Resp: 1552537

Ion Ratio Lower Upper

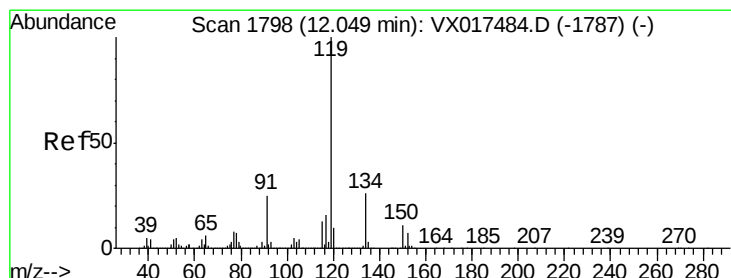
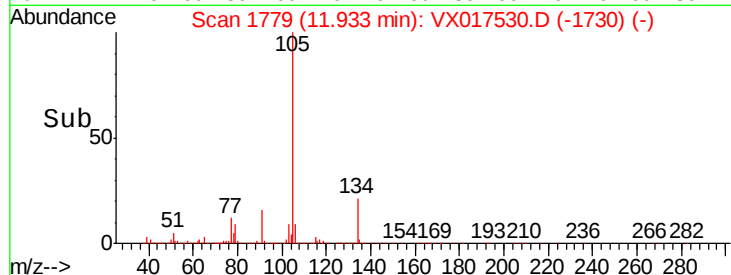
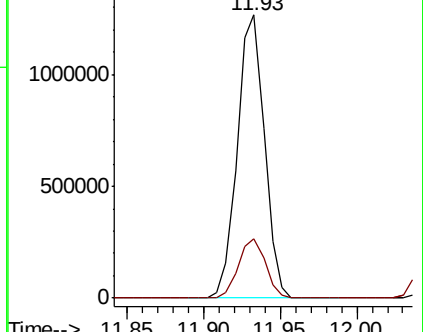
105 100

134 21.0 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: 50.539 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

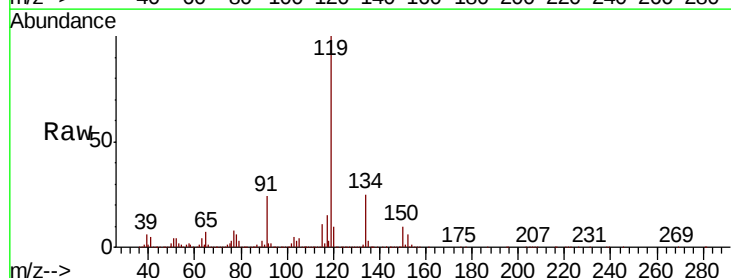
Tgt Ion:119 Resp: 1468825

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

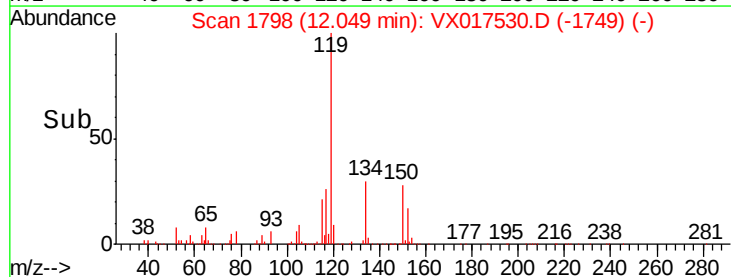
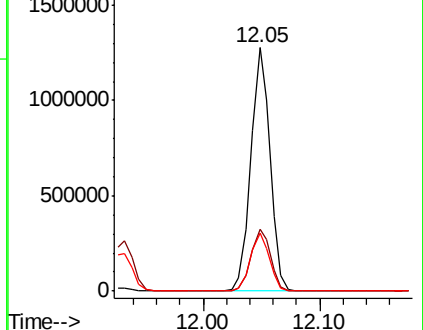
91 23.9 12.1 36.3

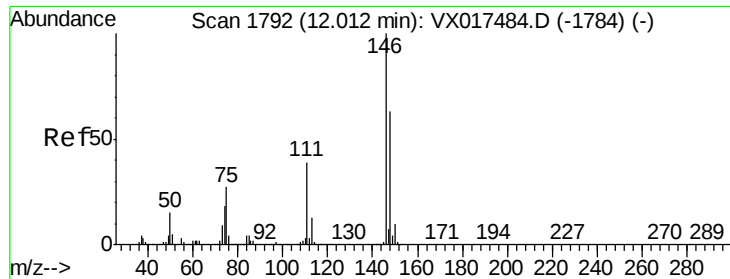


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

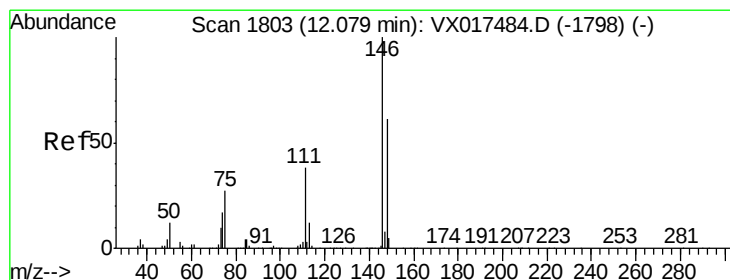
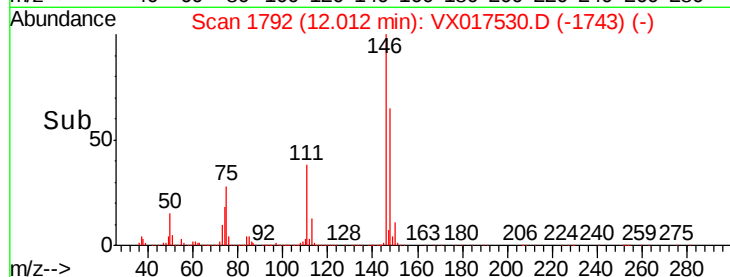
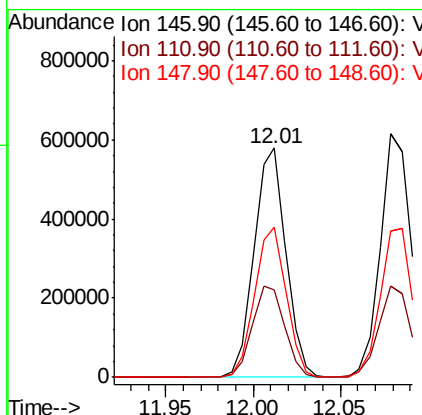
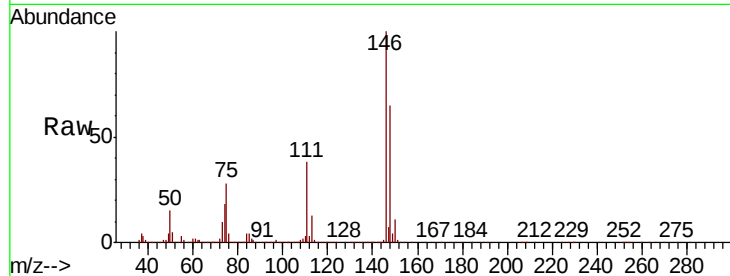




#87
 1,3-Dichlorobenzene
 Concen: 47.484 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

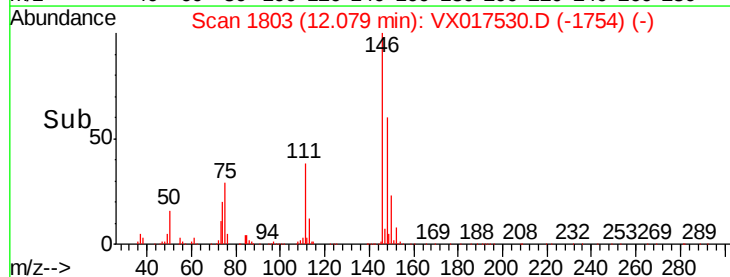
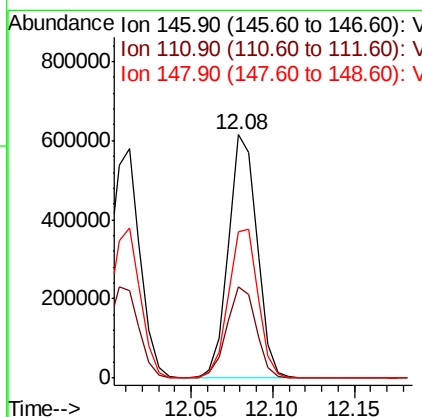
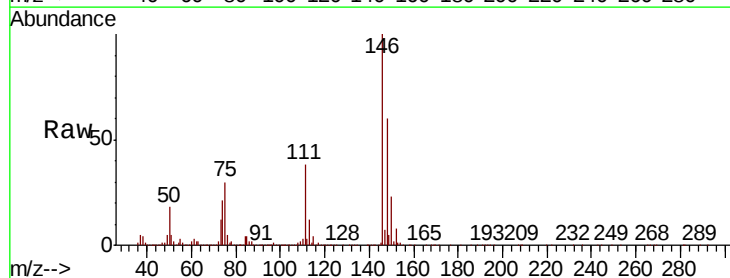
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

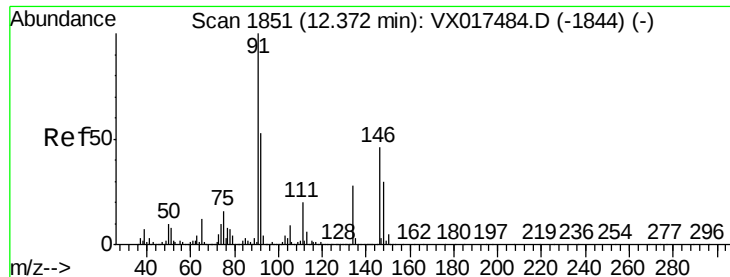
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	64.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 46.882 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	63.4	32.2	96.6

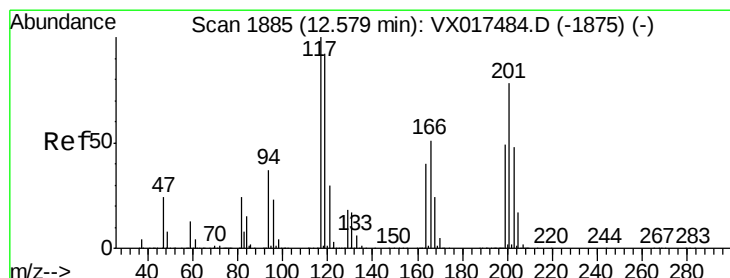
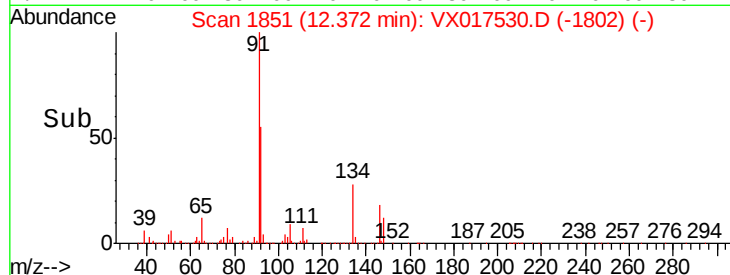
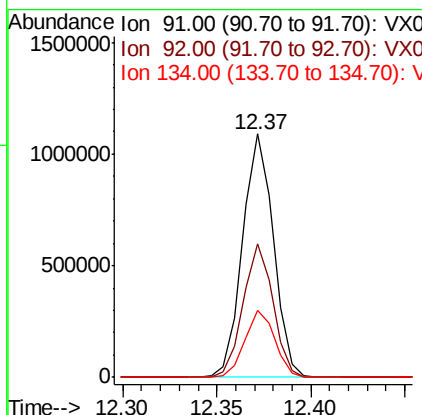
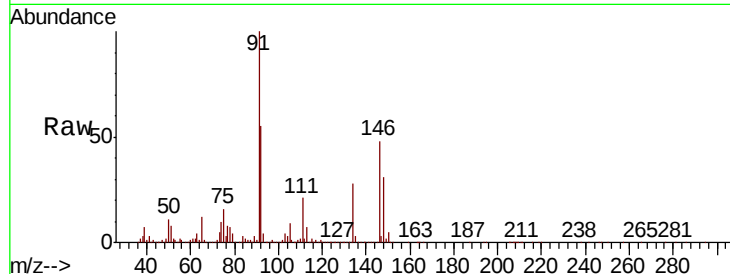




#89
n-Butylbenzene
Concen: 47.724 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

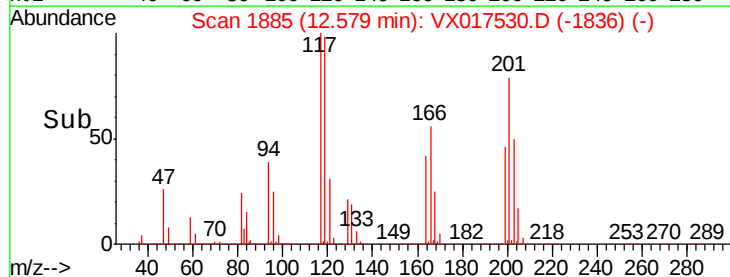
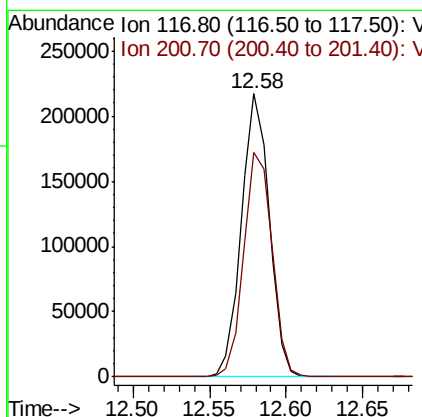
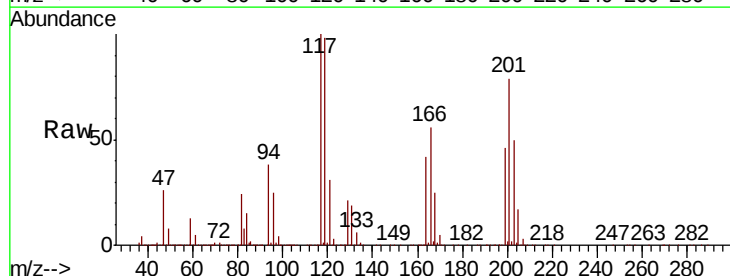
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

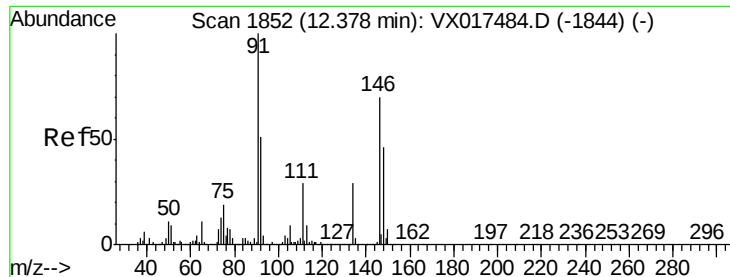
Tot Ion: 91 Resp: 1235928
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 47.856 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 117 Resp: 274210
Ion Ratio Lower Upper
117 100
201 80.9 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 46.882 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

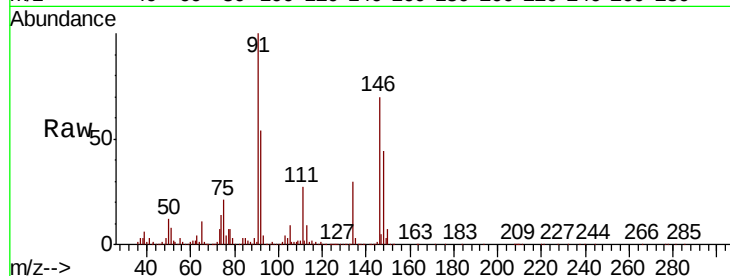
Tot Ion:146 Resp: 710346

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

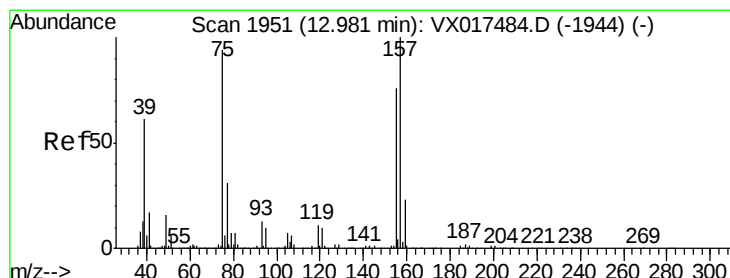
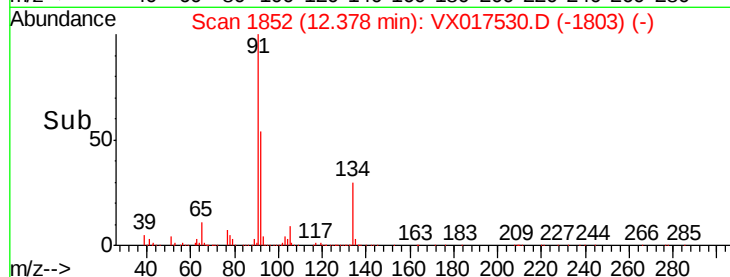
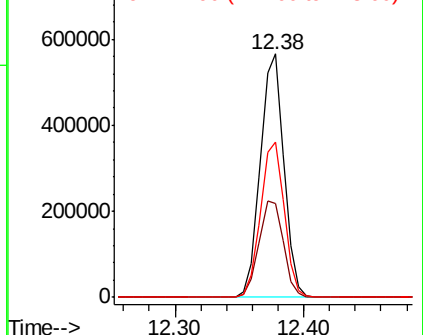
148 64.4 32.8 98.4



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: 44.570 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

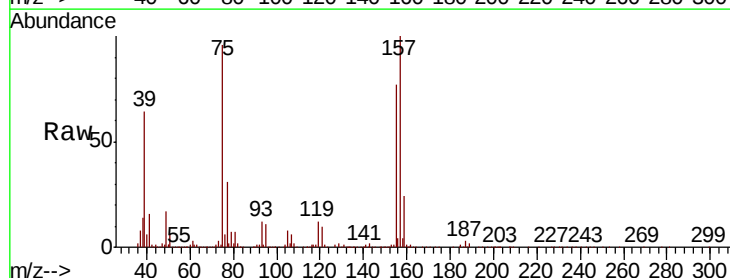
Tgt Ion: 75 Resp: 125328

Ion Ratio Lower Upper

75 100

155 84.6 42.3 126.8

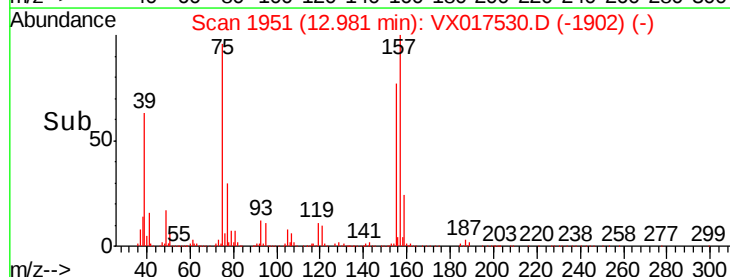
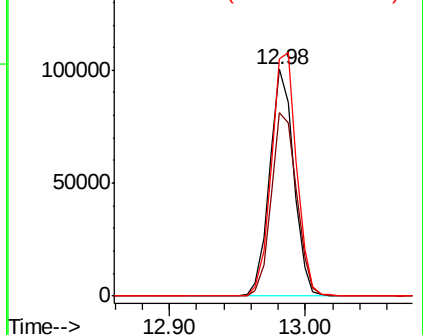
157 111.6 54.3 162.9

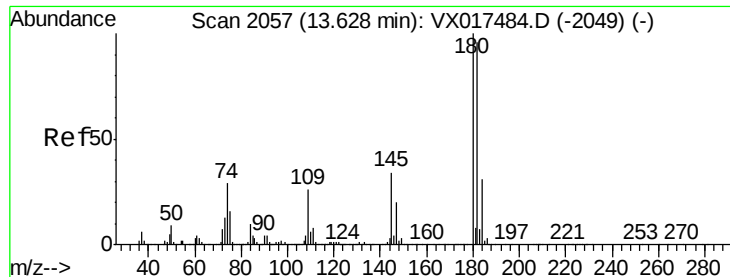


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

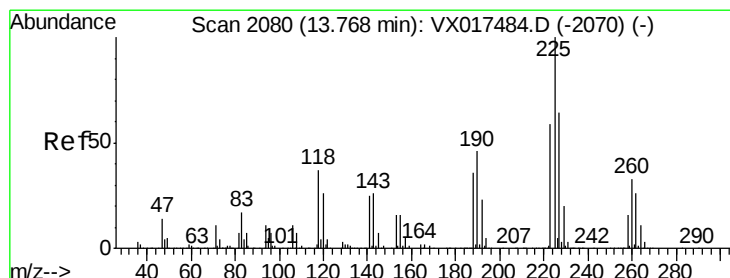
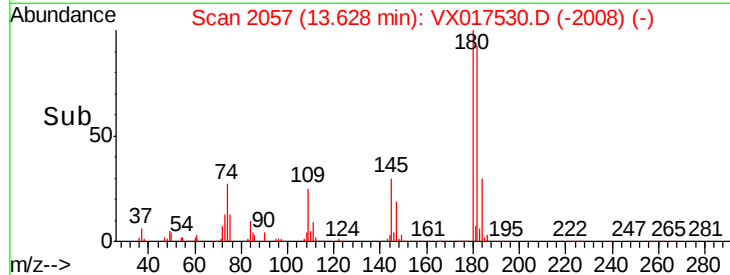
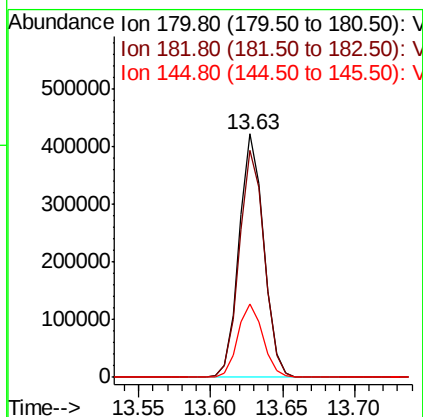
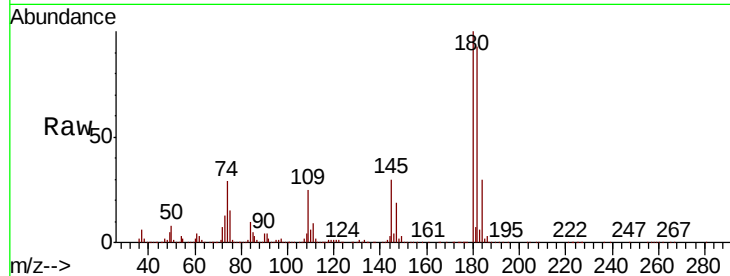




#93
 1,2,4-Trichlorobenzene
 Concen: 48.445 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

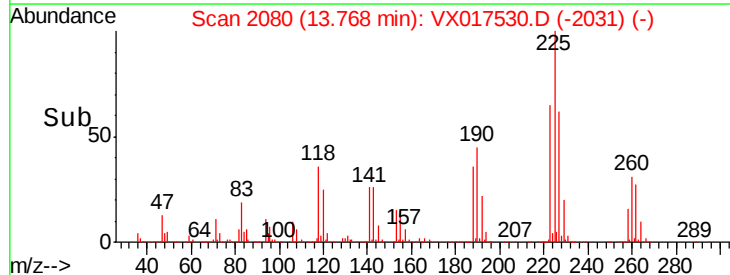
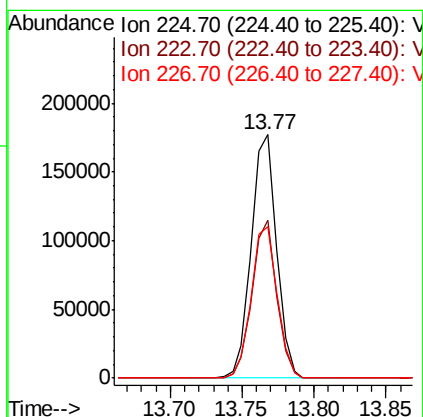
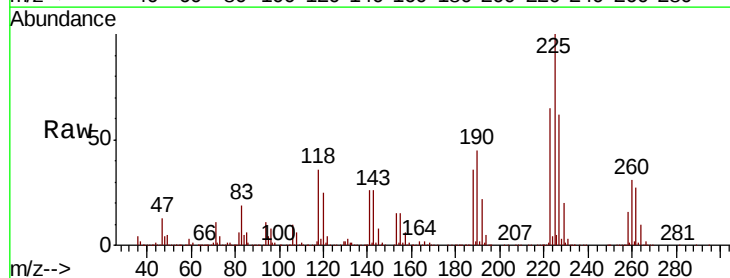
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

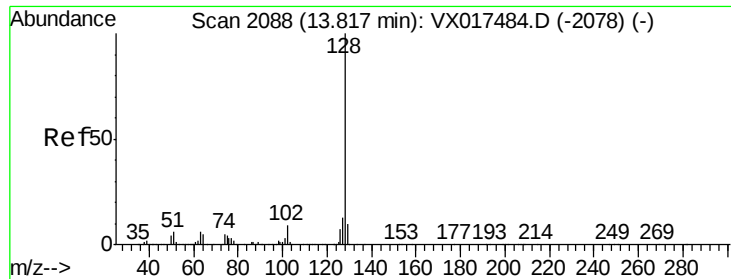
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 44.886 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.3	90.9
227	63.7	31.1	93.2

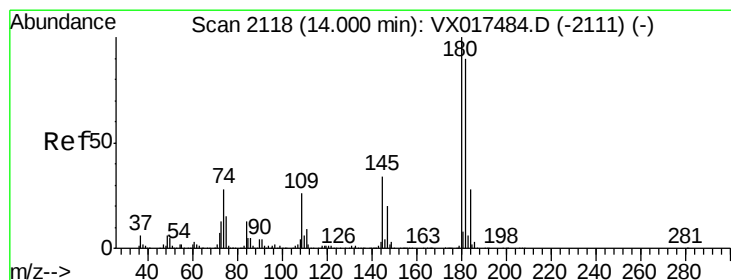
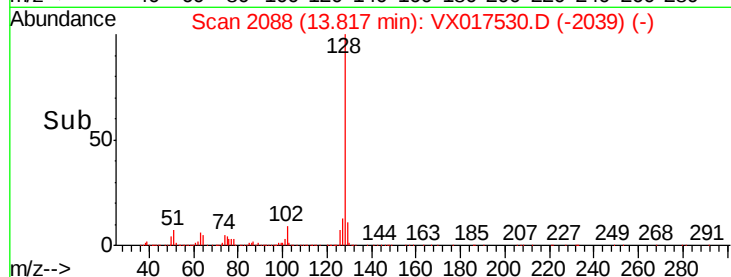
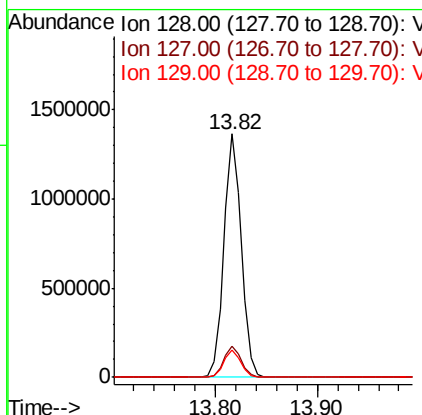
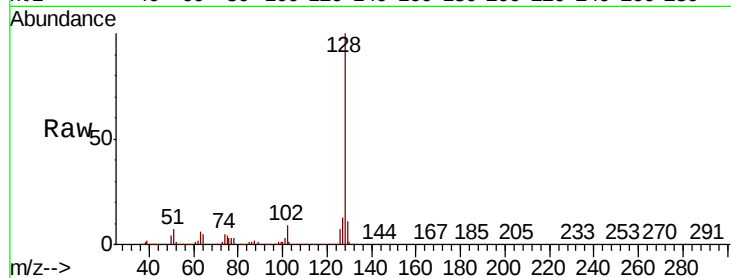




#95
Naphthalene
Concen: 52.181 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1610782
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.359 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:180 Resp: 503975
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 32.3 16.3 48.9

