

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017623.D
 Acq On : 27 Jul 2020 17:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 01:33:39 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	5.62	168	565442	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	860545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	820615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	374754	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	5.46	113	295857	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.70	98	1029349	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	426980	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	257081	48.985	ug/l	99
3) Chloromethane	1.31	50	351719	50.320	ug/l	99
4) Vinyl Chloride	1.39	62	328532	46.172	ug/l	100
5) Bromomethane	1.62	94	187912	49.078	ug/l	100
6) Chloroethane	1.70	64	191207	48.712	ug/l	95
7) Trichlorofluoromethane	1.91	101	506332	45.242	ug/l	100
8) Diethyl Ether	2.17	74	180035	49.607	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	267676	43.584	ug/l	97
10) Methyl Iodide	2.49	142	335495	42.699	ug/l	97
11) Tert butyl alcohol	3.01	59	319077	208.436	ug/l	99
12) 1,1-Dichloroethene	2.35	96	256156	43.859	ug/l	96
13) Acrolein	2.27	56	354307	302.267	ug/l	100
14) Allyl chloride	2.70	41	463245	43.438	ug/l	98
15) Acrylonitrile	3.11	53	774428	234.223	ug/l	100
16) Acetone	2.42	43	663750	207.626	ug/l	100
17) Carbon Disulfide	2.54	76	722019	40.673	ug/l	100
18) Methyl Acetate	2.75	43	331914	44.084	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	943687	46.683	ug/l	100
20) Methylene Chloride	2.83	84	292004	48.459	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	284195	45.422	ug/l	98
22) Diisopropyl ether	3.82	45	982359	50.379	ug/l	95
23) Vinyl Acetate	3.78	43	4456045	256.297	ug/l	99
24) 1,1-Dichloroethane	3.67	63	539640	48.041	ug/l	100
25) 2-Butanone	4.64	43	1118221	246.225	ug/l	97
26) 2,2-Dichloropropane	4.54	77	477969	47.536	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	322509	47.457	ug/l	100
28) Bromochloromethane	4.98	49	242247	47.590	ug/l	99
29) Tetrahydrofuran	5.09	42	724844	257.667	ug/l	100
30) Chloroform	5.18	83	573109	49.933	ug/l	100
31) Cyclohexane	5.54	56	399843	44.637	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	516870	47.757	ug/l	99
36) 1,1-Dichloropropene	5.77	75	384544	46.592	ug/l	100
37) Ethyl Acetate	4.79	43	437407	48.437	ug/l	99
38) Carbon Tetrachloride	5.75	117	451718	45.070	ug/l	98

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 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)
39) Methylcyclohexane	7.44	83	385321	39.993	ug/l	97
40) Benzene	6.11	78	1114401	47.096	ug/l	98
41) Methacrylonitrile	5.01	41	253838	49.040	ug/l	99
42) 1,2-Dichloroethane	6.16	62	468239	48.370	ug/l	99
43) Isopropyl Acetate	6.41	43	709707	47.632	ug/l	99
44) Trichloroethene	7.18	130	335329	48.493	ug/l	96
45) 1,2-Dichloropropane	7.49	63	311790	47.533	ug/l	100
46) Dibromomethane	7.63	93	218493	47.133	ug/l	98
47) Bromodichloromethane	7.87	83	462390	49.572	ug/l	99
48) Methyl methacrylate	7.74	41	360793	48.850	ug/l	99
49) 1,4-Dioxane	7.71	88	129971	917.867	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2162349	243.230	ug/l	99
52) Toluene	8.76	92	723545	47.680	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	530547	50.811	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	532909	50.037	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	316004	49.989	ug/l	99
56) Ethyl methacrylate	9.16	69	484757	50.899	ug/l	100
57) 1,3-Dichloropropane	9.35	76	514114	49.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1175854	234.346	ug/l	98
59) 2-Hexanone	9.47	43	1666066	248.917	ug/l	100
60) Dibromochloromethane	9.57	129	395899	49.273	ug/l	99
61) 1,2-Dibromoethane	9.65	107	341550	50.749	ug/l	98
64) Tetrachloroethene	9.32	164	343223	46.600	ug/l	95
65) Chlorobenzene	10.12	112	845061	47.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	347788	48.515	ug/l	98
67) Ethyl Benzene	10.24	91	1455175	49.078	ug/l	98
68) m/p-Xylenes	10.34	106	1097721	95.567	ug/l	98
69) o-Xylene	10.68	106	524011	47.433	ug/l	98
70) Styrene	10.70	104	933456	49.662	ug/l	99
71) Bromoform	10.84	173	290943	46.845	ug/l #	98
73) Isopropylbenzene	11.00	105	1382694	48.748	ug/l	99
74) N-amyl acetate	10.88	43	634772	50.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	426998	48.230	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	552056	64.909	ug/l	81
77) Bromobenzene	11.24	156	397881	50.107	ug/l	99
78) n-propylbenzene	11.34	91	1520392	47.527	ug/l	99
79) 2-Chlorotoluene	11.40	91	948624	47.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1137166	46.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	164797	48.824	ug/l	96
82) 4-Chlorotoluene	11.49	91	1136349	48.612	ug/l	100
83) tert-Butylbenzene	11.76	119	1098305	47.396	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1223475	50.793	ug/l	99
85) sec-Butylbenzene	11.93	105	1138691	42.182	ug/l	100
86) p-Isopropyltoluene	12.05	119	1091089	42.443	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	659124	48.337	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	671248	47.524	ug/l	99
89) n-Butylbenzene	12.37	91	871225	38.034	ug/l	100
90) Hexachloroethane	12.58	117	198340	39.135	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	635391	47.411	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	113485	45.567	ug/l	99

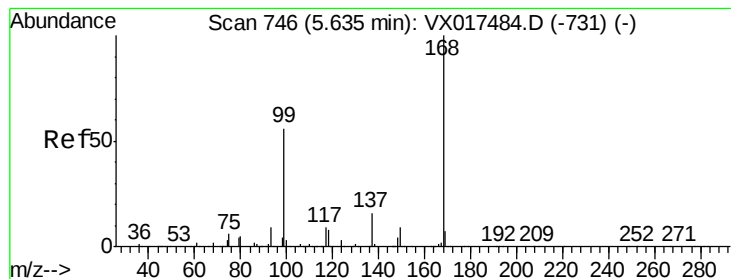
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	390309	42.673	ug/l	100
94) Hexachlorobutadiene	13.77	225	124529	29.577	ug/l	98
95) Naphthalene	13.82	128	1308778	47.933	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	381765	42.272	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

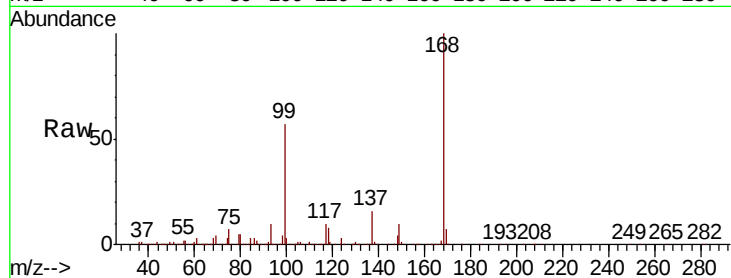
VSTDCCC050

Tot Ion:168 Resp: 565442

Ion Ratio Lower Upper

168 100

99 56.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

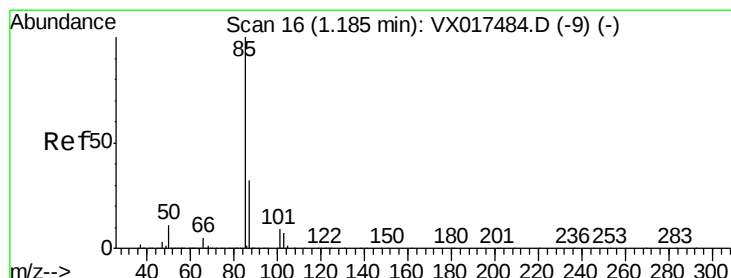
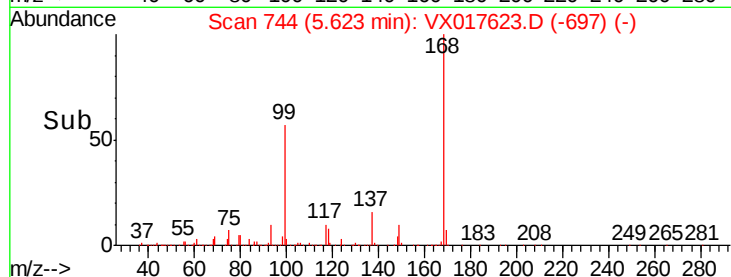
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.985 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017623.D

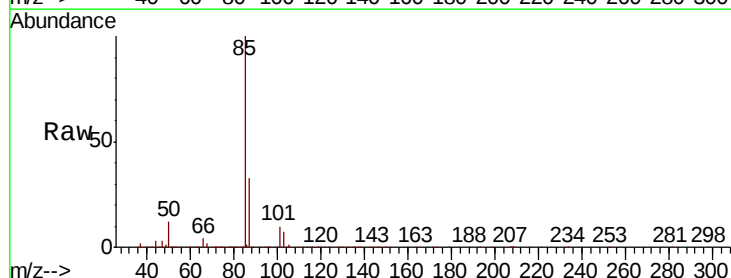
Acq: 27 Jul 2020 17:16

Tgt Ion: 85 Resp: 257081

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

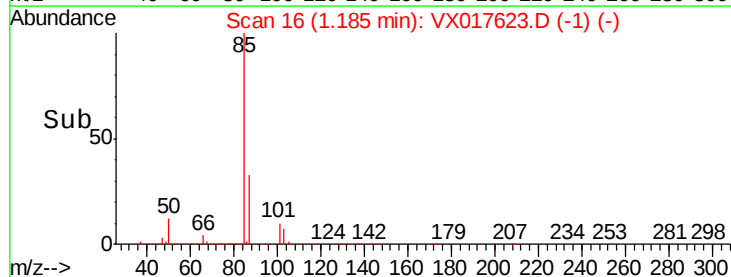
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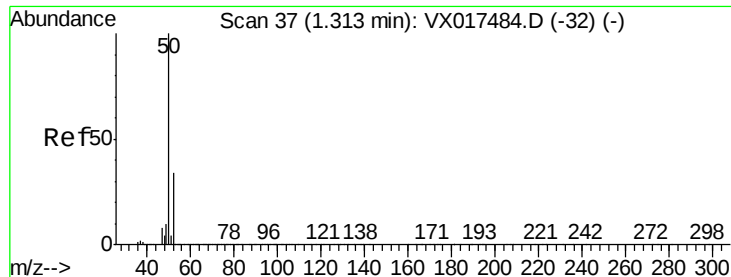
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1.10 1.15 1.20 1.25 1.30

Time-->

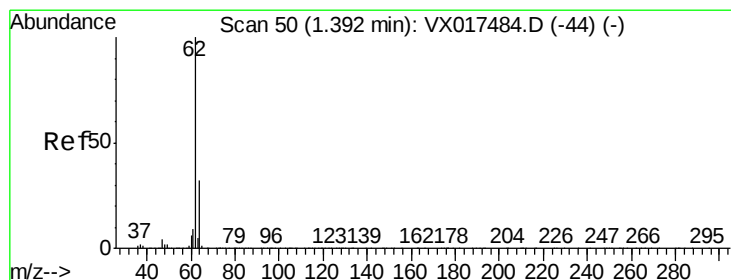
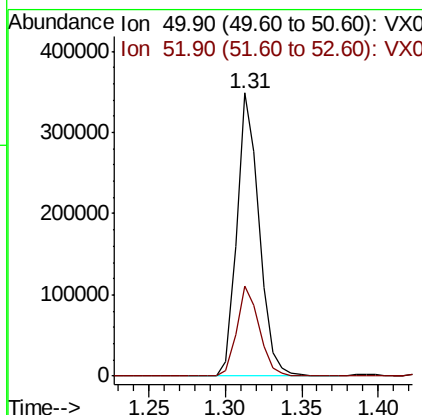
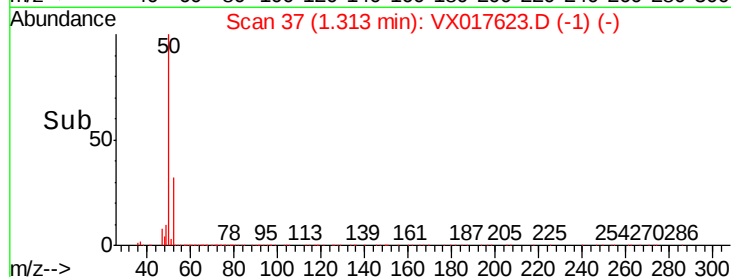
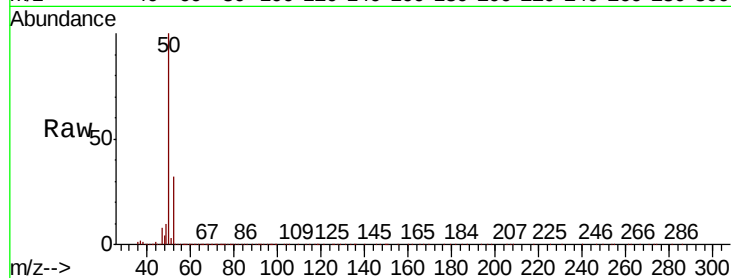




#3
Chloromethane
Concen: 50.320 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

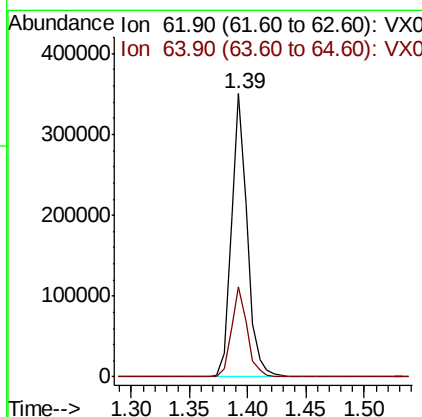
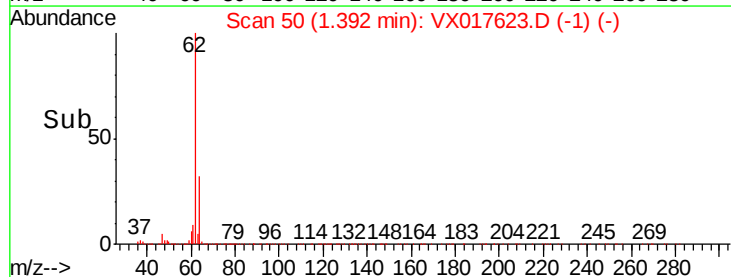
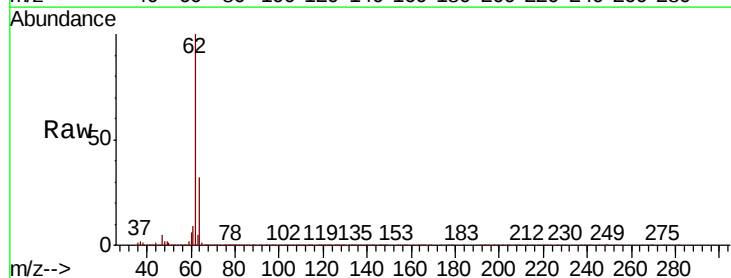
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

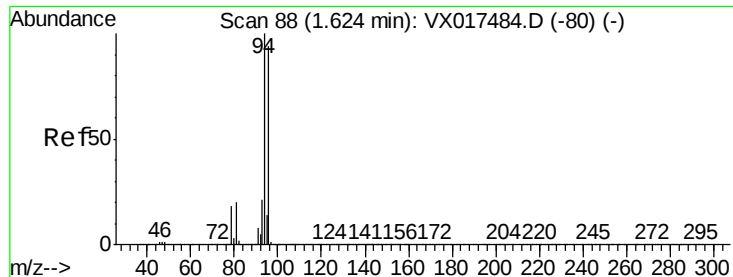
Tot Ion: 50 Resp: 351719
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 46.172 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 62 Resp: 328532
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 49.078 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

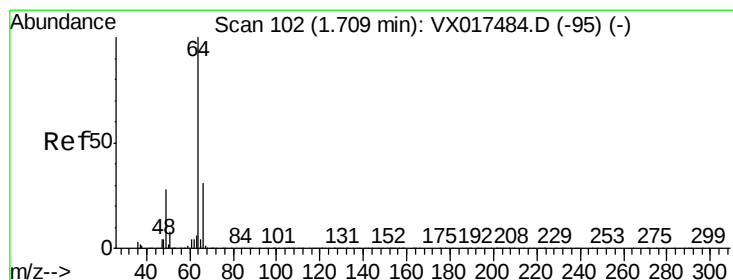
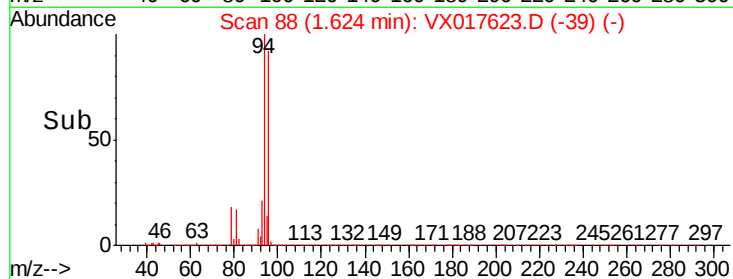
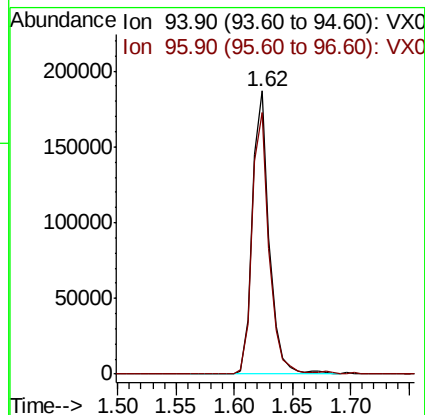
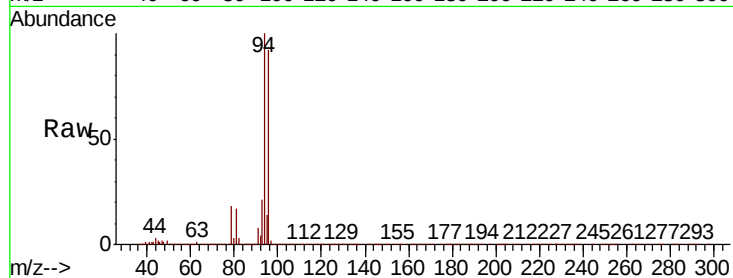
VSTDCCC050

Tot Ion: 94 Resp: 187912

Ion Ratio Lower Upper

94 100

96 92.2 74.1 111.1



#6

Chloroethane

Concen: 48.712 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017623.D

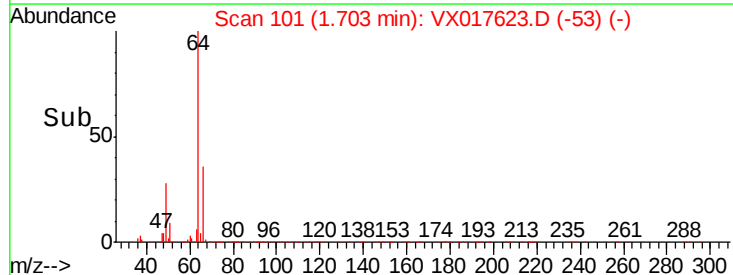
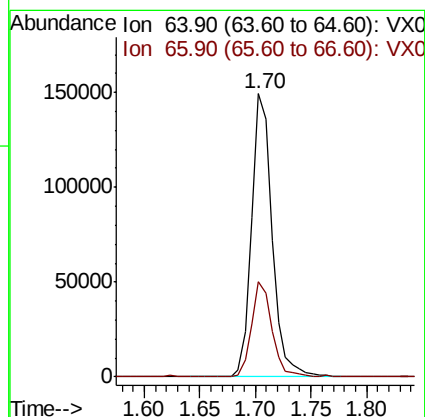
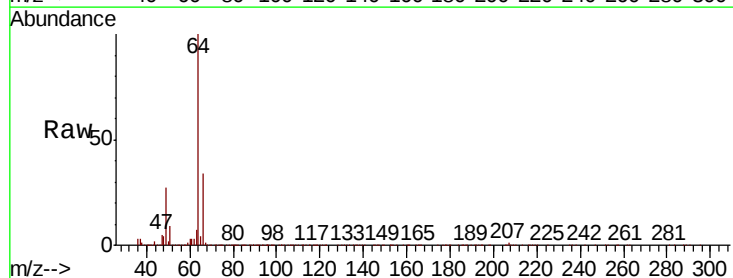
Acq: 27 Jul 2020 17:16

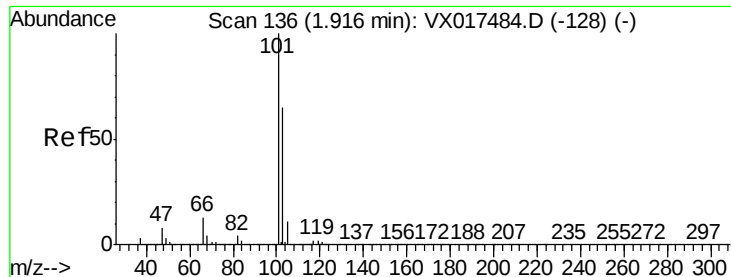
Tgt Ion: 64 Resp: 191207

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3



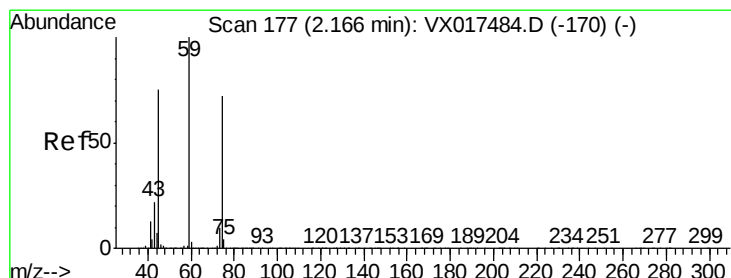
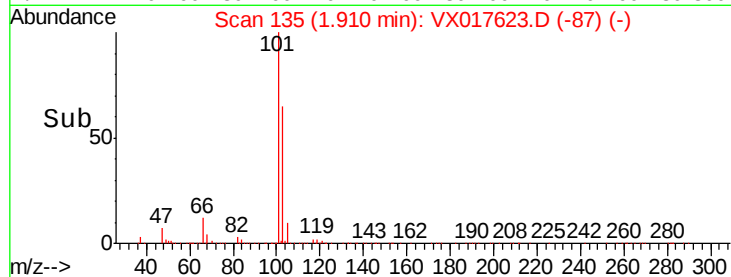
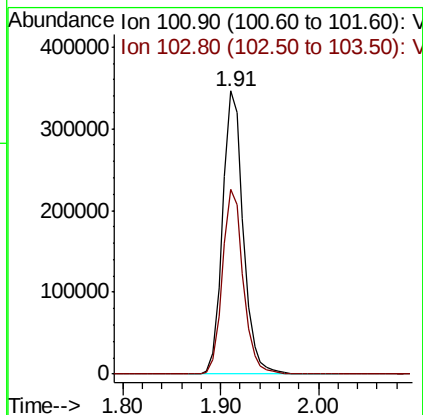
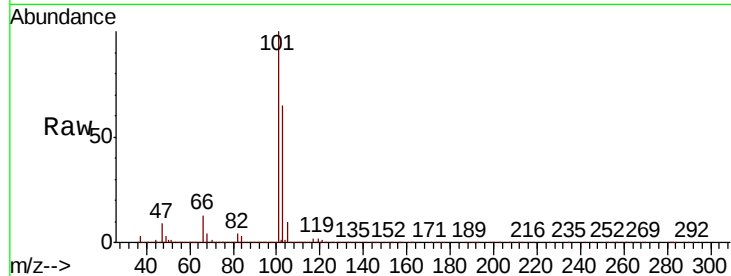


#7

Trichlorofluoromethane
 Concen: 45.242 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

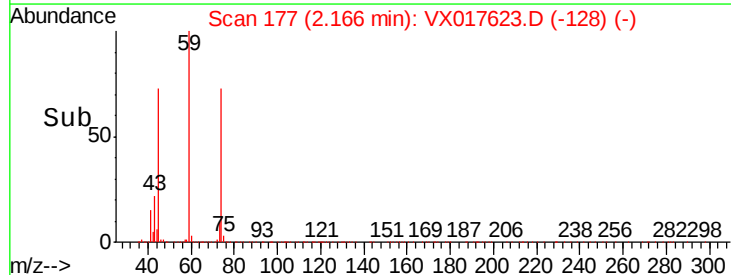
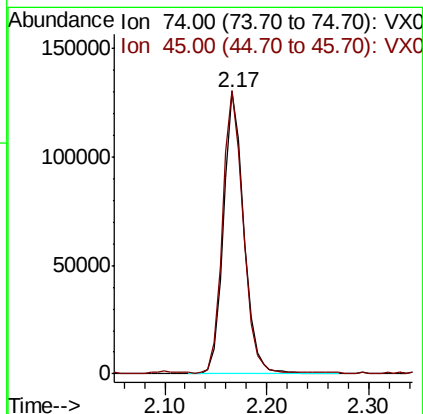
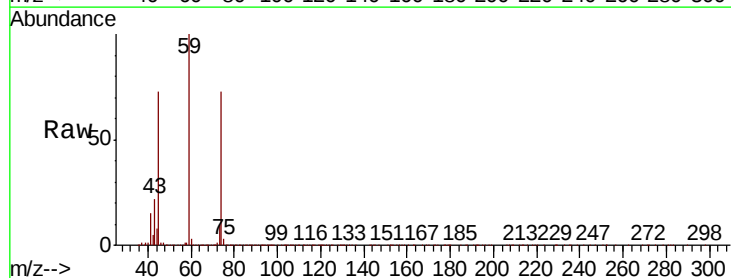
Tot Ion:101 Resp: 506332
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.8

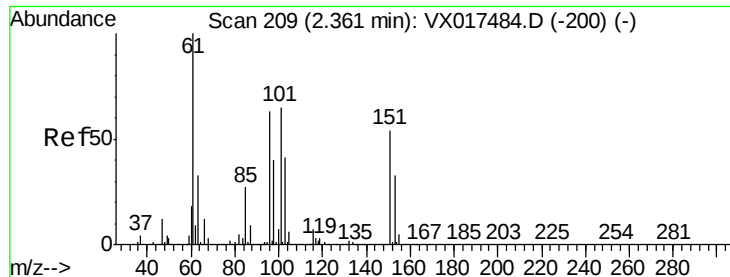


#8

Diethyl Ether
 Concen: 49.607 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion: 74 Resp: 180035
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.584 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

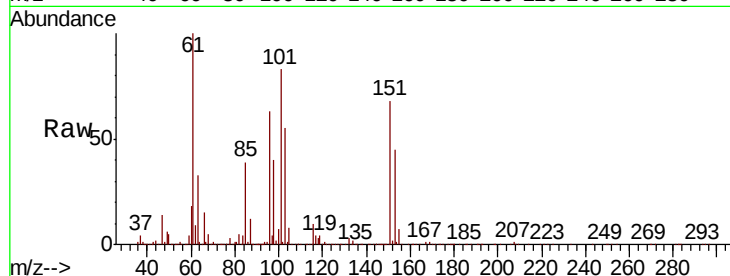
Tot Ion:101 Resp: 267676

Ion Ratio Lower Upper

101 100

85 45.0 34.8 52.2

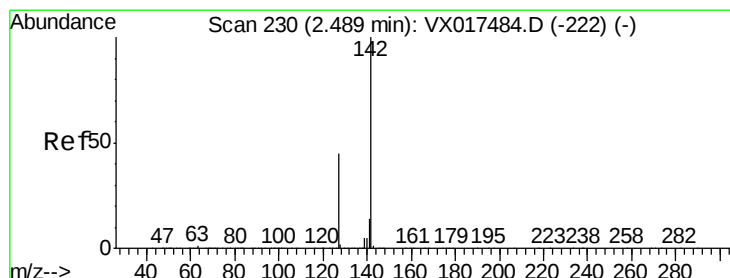
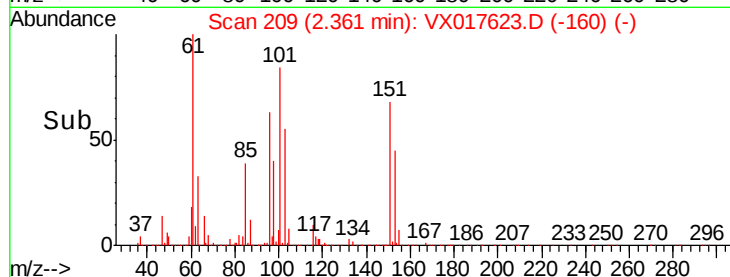
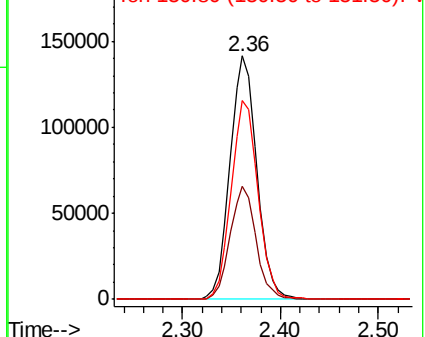
151 82.1 68.0 102.0



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: 42.699 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

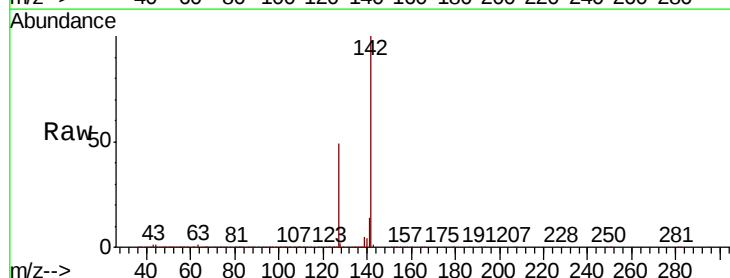
Tgt Ion:142 Resp: 335495

Ion Ratio Lower Upper

142 100

127 47.4 35.9 53.9

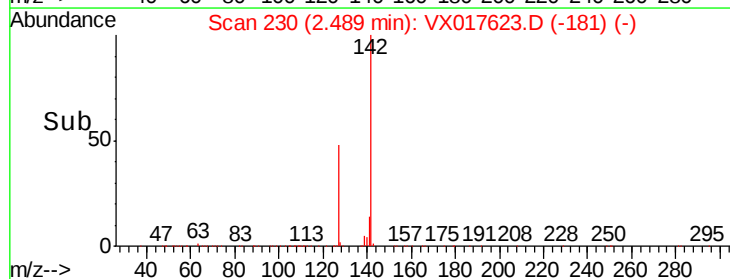
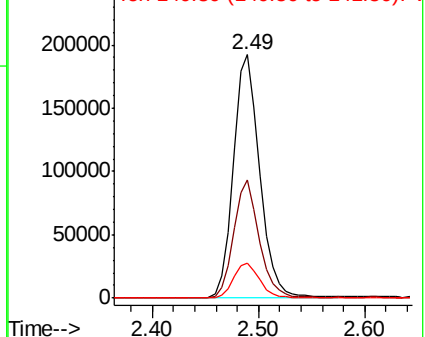
141 14.5 11.4 17.0

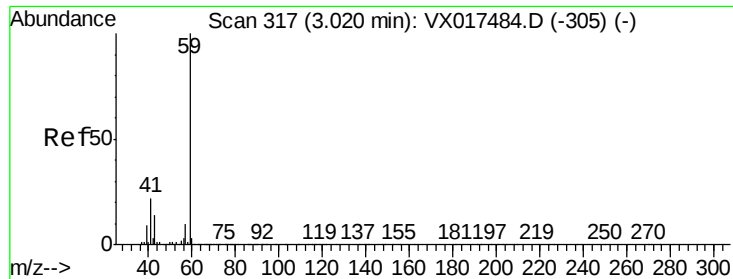


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

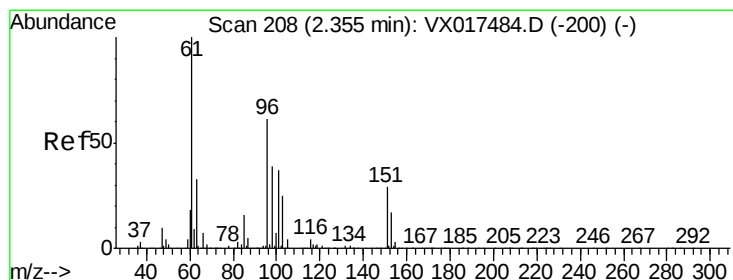
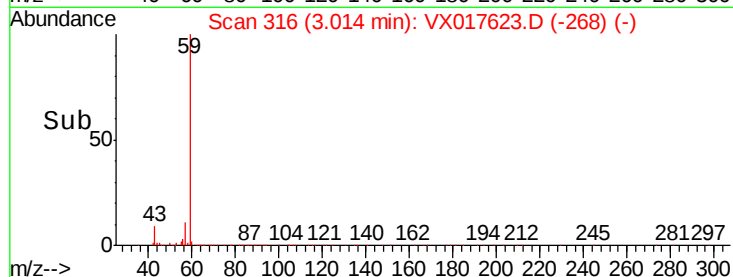
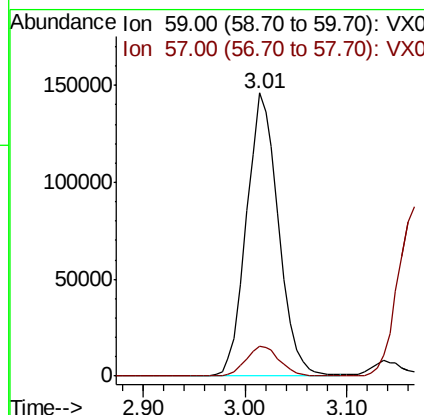
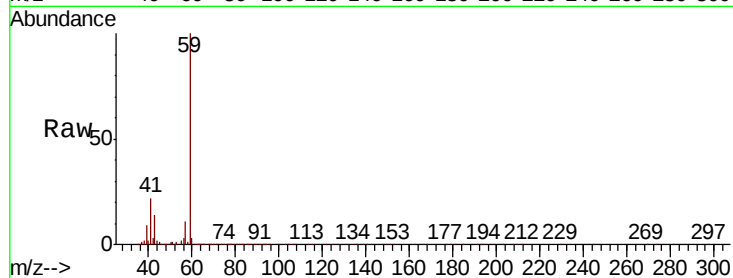




#11
Tert butyl alcohol
Concen: 208.436 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

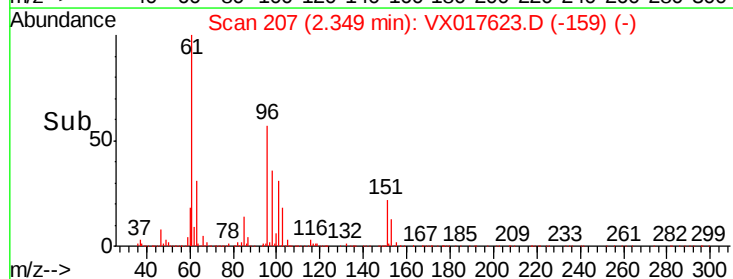
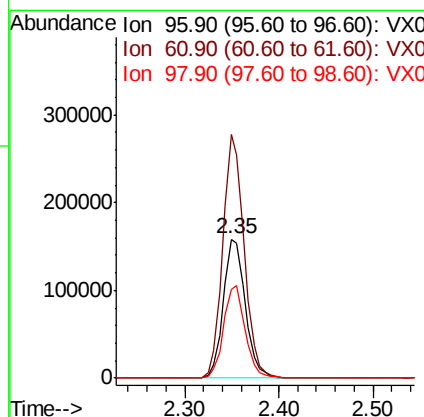
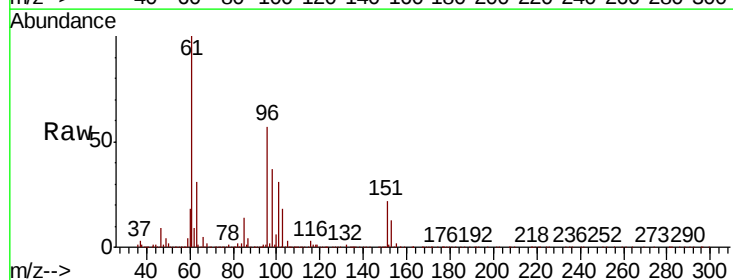
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

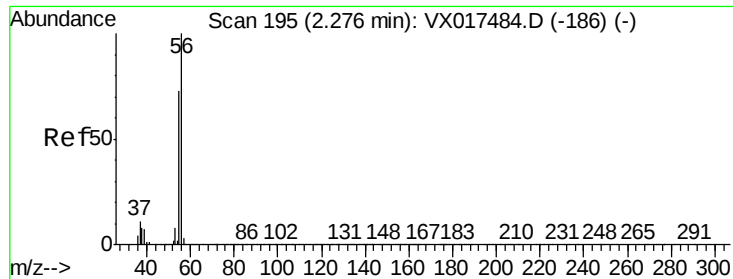
Tot Ion: 59 Resp: 319077
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.859 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 96 Resp: 256156
Ion Ratio Lower Upper
96 100
61 175.6 134.0 201.0
98 64.1 51.0 76.4





#13

Acrolein

Concen: 302.267 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

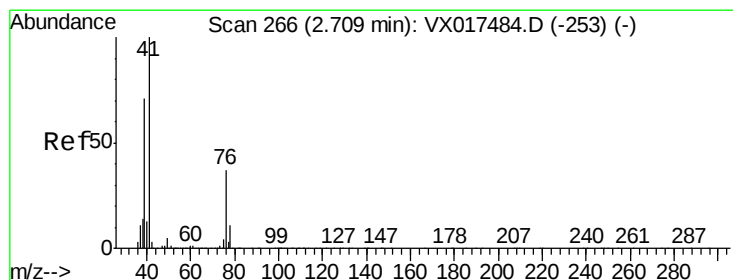
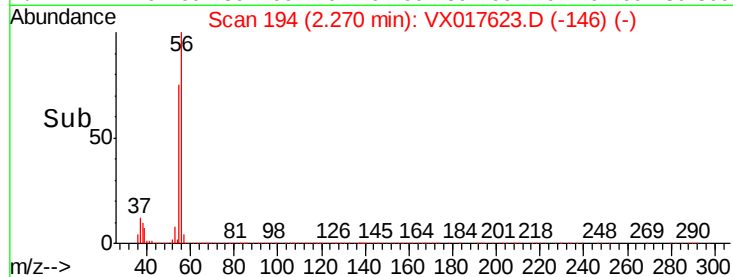
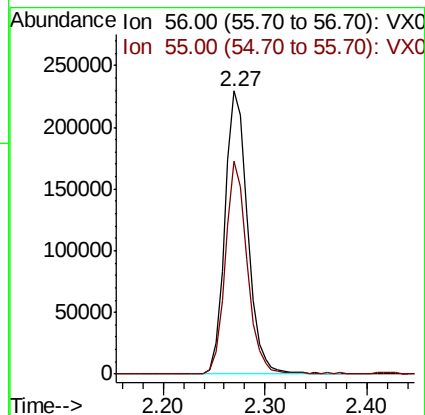
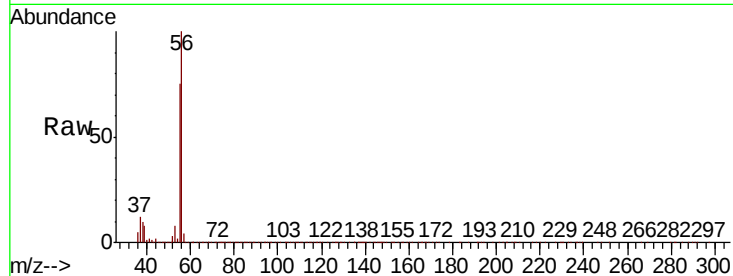
VSTDCCC050

Tot Ion: 56 Resp: 354307

Ion Ratio Lower Upper

56 100

55 71.8 57.4 86.2



#14

Allyl chloride

Concen: 43.438 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

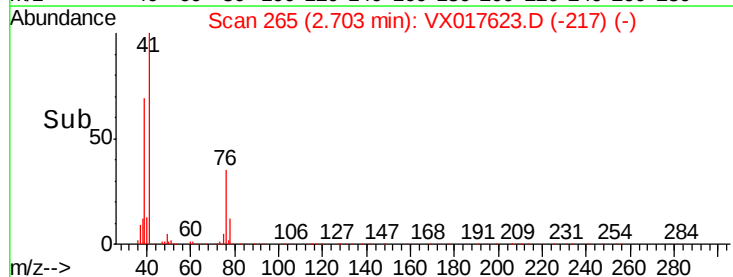
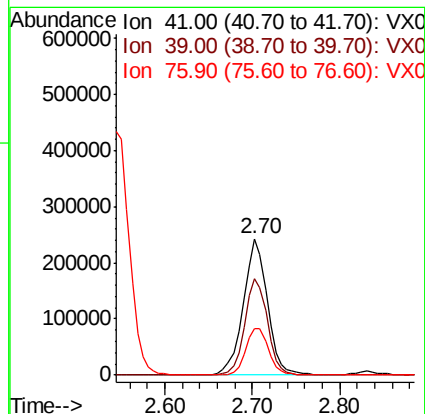
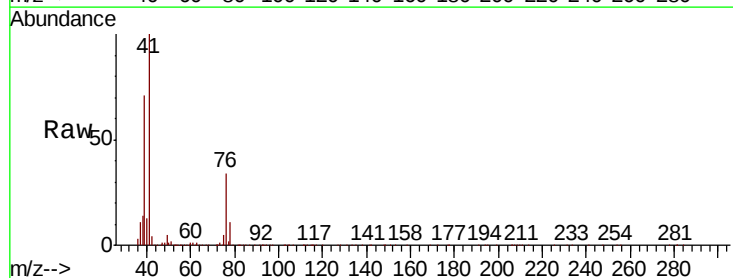
Tgt Ion: 41 Resp: 463245

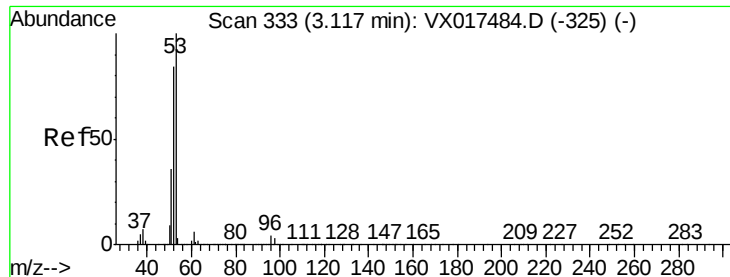
Ion Ratio Lower Upper

41 100

39 66.7 51.9 77.9

76 32.2 25.5 38.3





#15

Acrylonitrile

Concen: 234.223 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

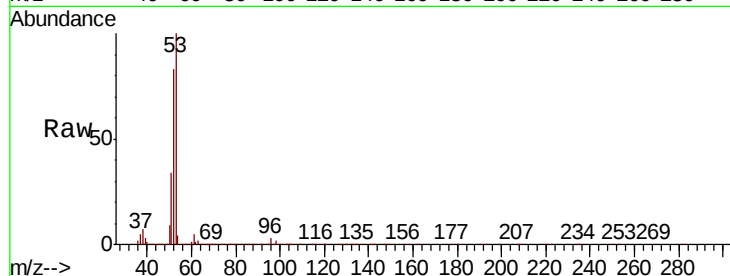
Tot Ion: 53 Resp: 774428

Ion Ratio Lower Upper

53 100

52 83.6 66.6 99.8

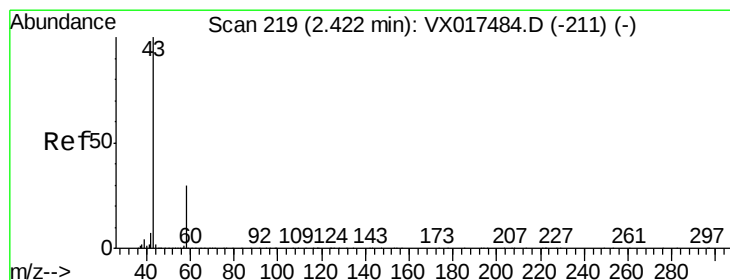
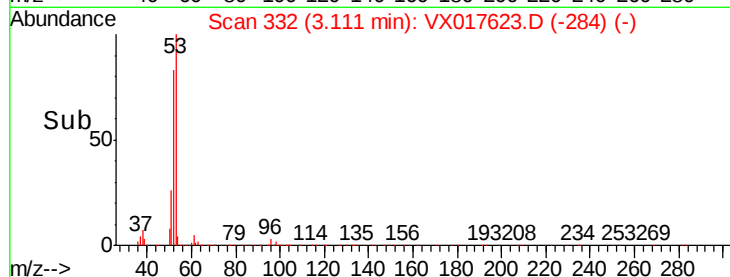
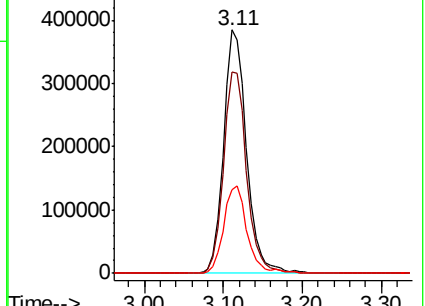
51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 207.626 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017623.D

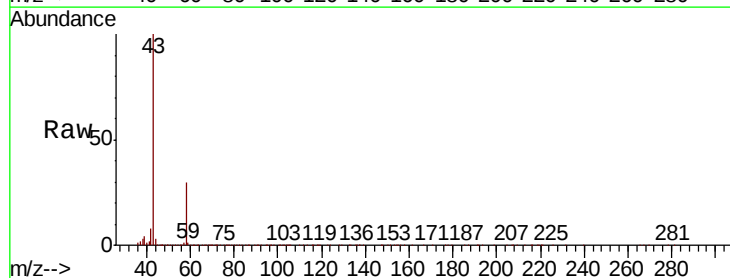
Acq: 27 Jul 2020 17:16

Tgt Ion: 43 Resp: 663750

Ion Ratio Lower Upper

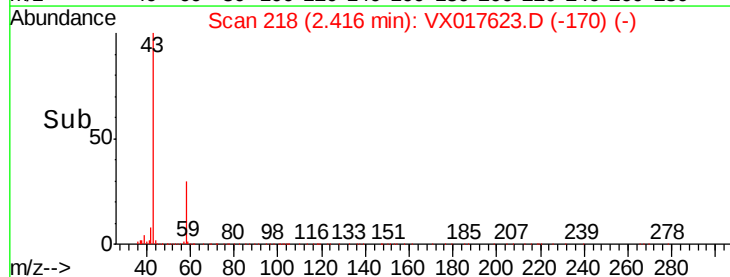
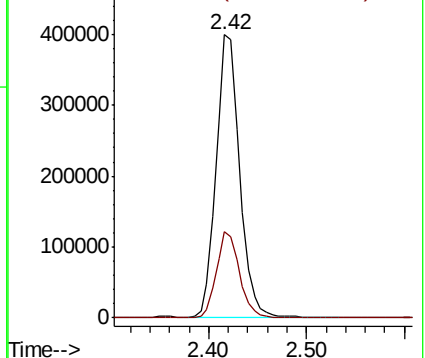
43 100

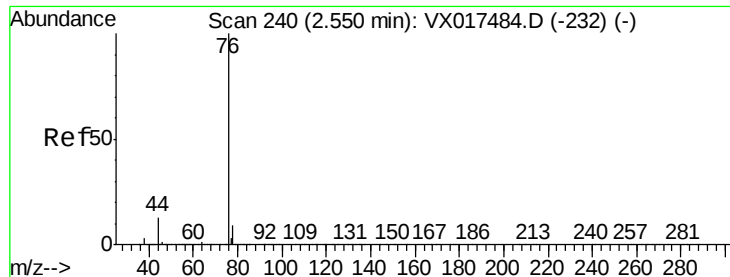
58 30.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

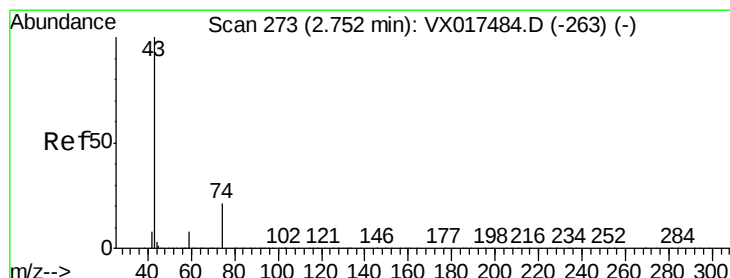
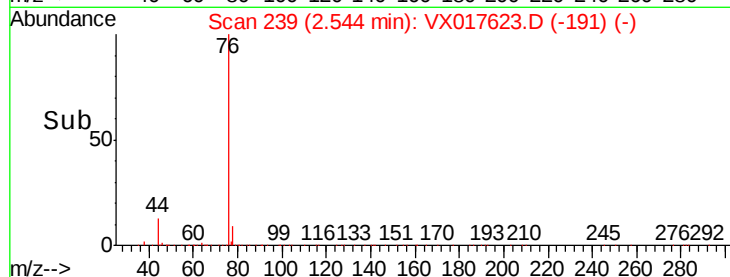
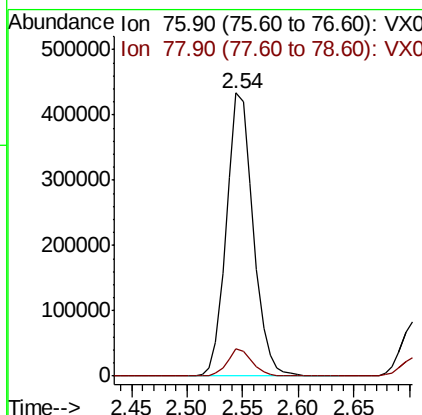
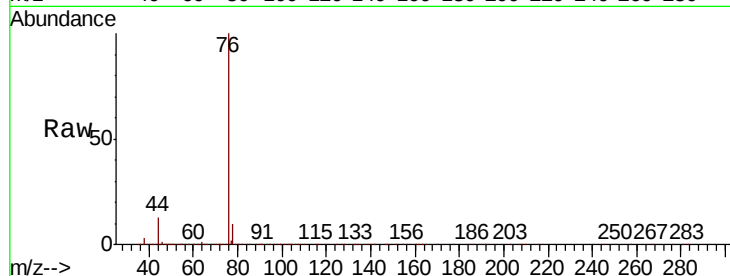




#17
Carbon Disulfide
Concen: 40.673 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

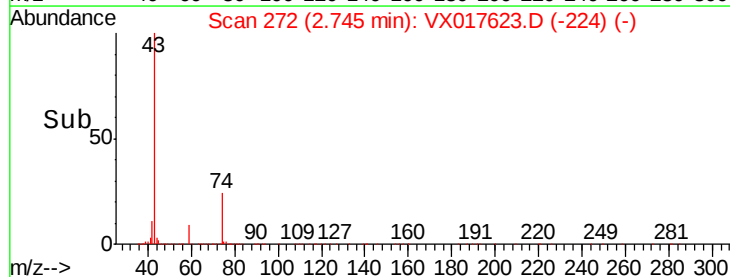
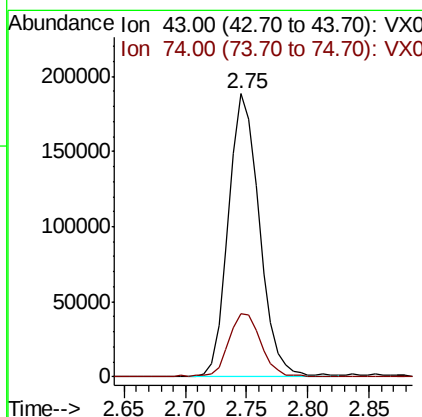
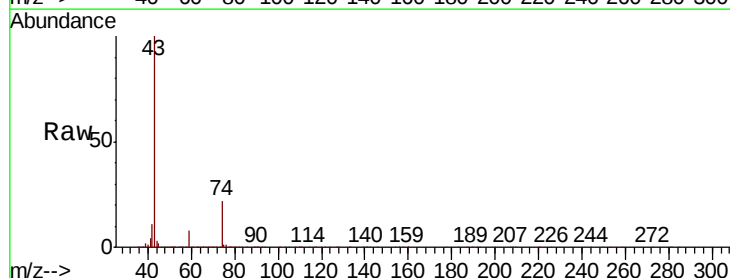
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

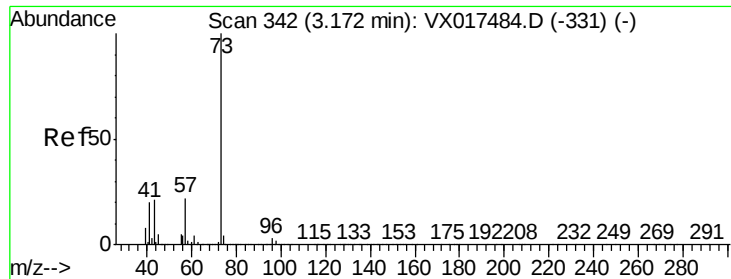
Tot Ion: 76 Resp: 722019
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 44.084 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 43 Resp: 331914
Ion Ratio Lower Upper
43 100
74 23.5 17.5 26.3

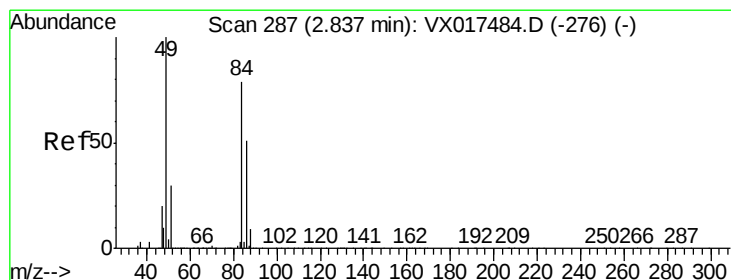
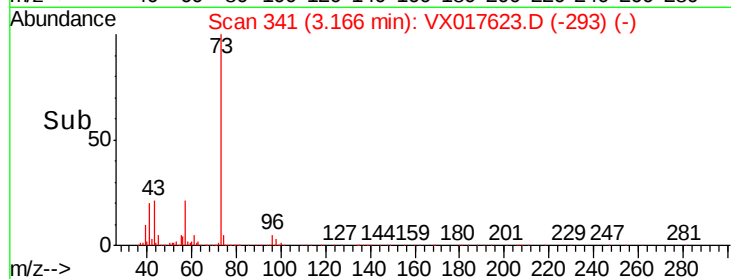
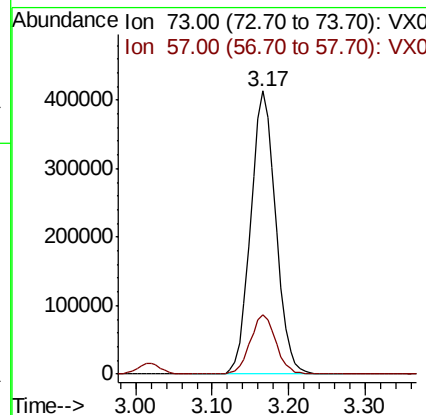
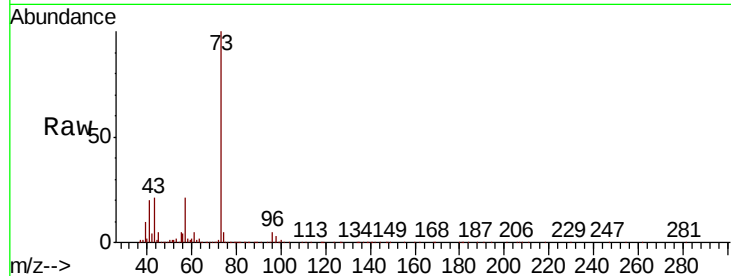




#19
Methyl tert-butyl Ether
Concen: 46.683 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

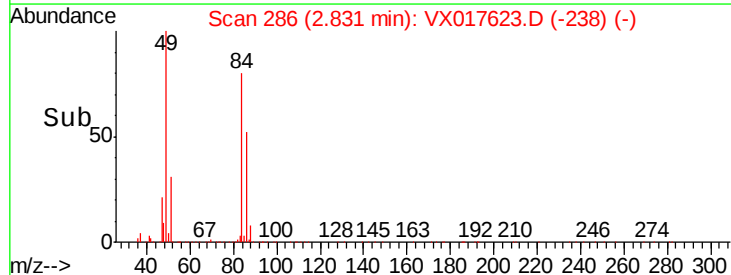
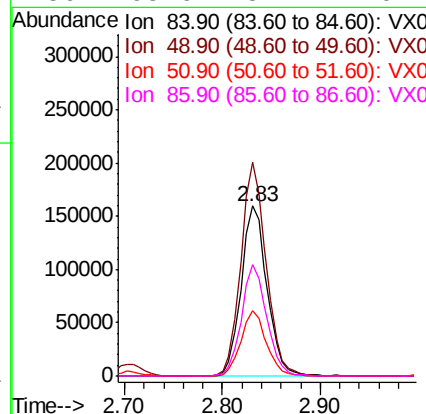
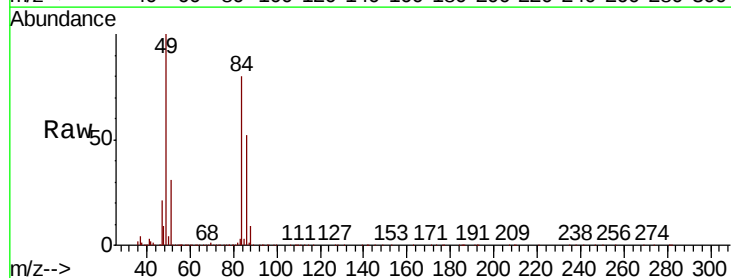
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

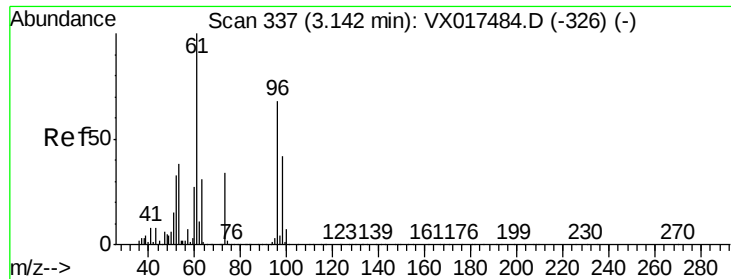
Tot Ion: 73 Resp: 943687
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.4



#20
Methylene Chloride
Concen: 48.459 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 84 Resp: 292004
Ion Ratio Lower Upper
84 100
49 125.5 100.3 150.5
51 38.5 30.5 45.7
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.422 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

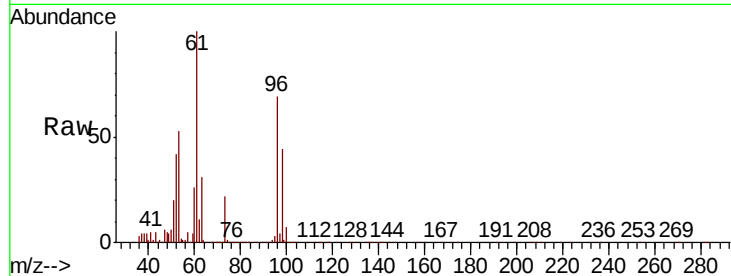
Tot Ion: 96 Resp: 284195

Ion Ratio Lower Upper

96 100

61 144.9 113.0 169.4

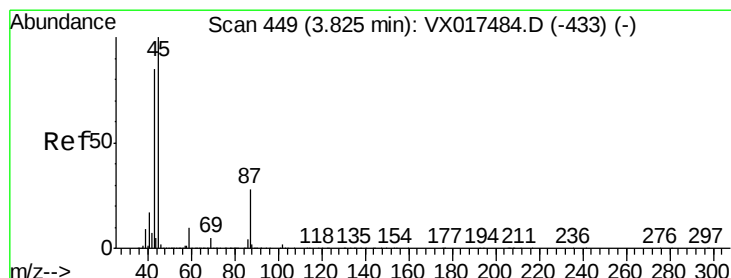
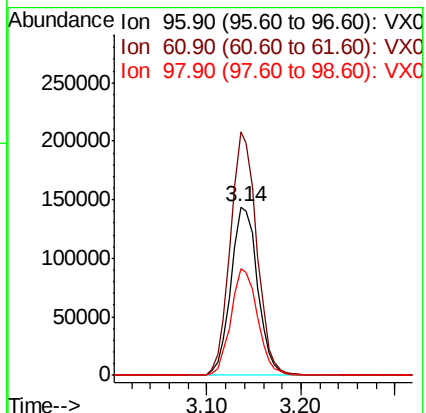
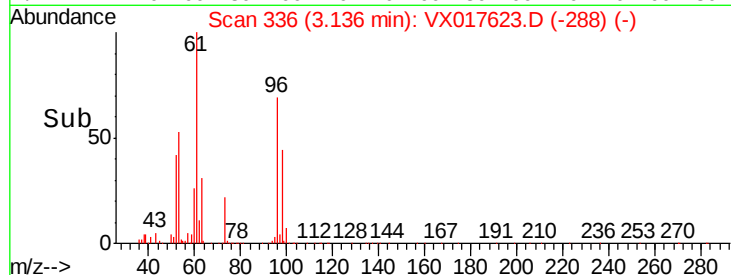
98 63.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.379 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Tgt Ion: 45 Resp: 982359

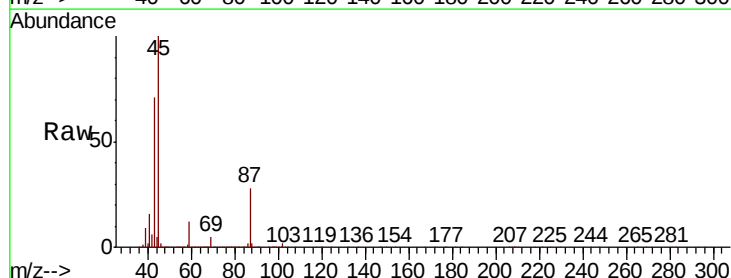
Ion Ratio Lower Upper

45 100

43 70.6 52.0 78.0

87 27.8 22.2 33.4

59 11.6 8.9 13.3

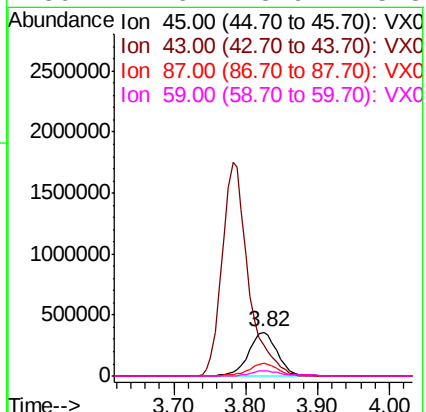
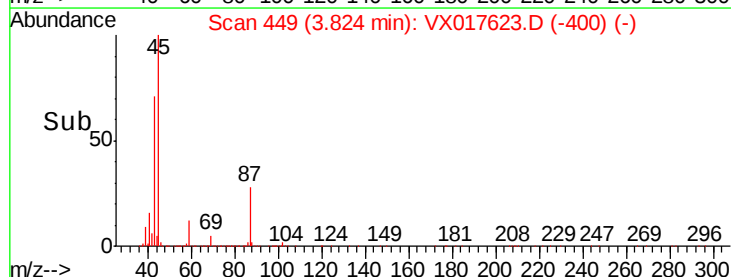


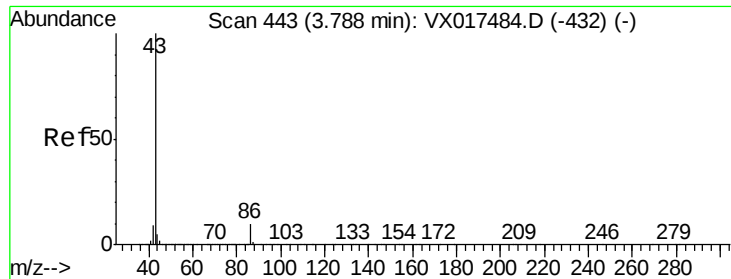
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.297 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

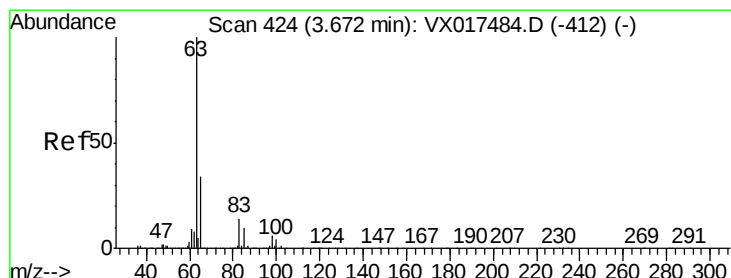
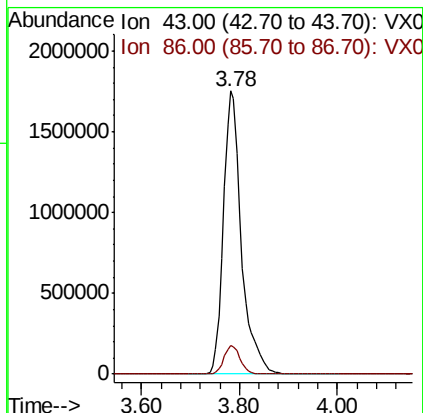
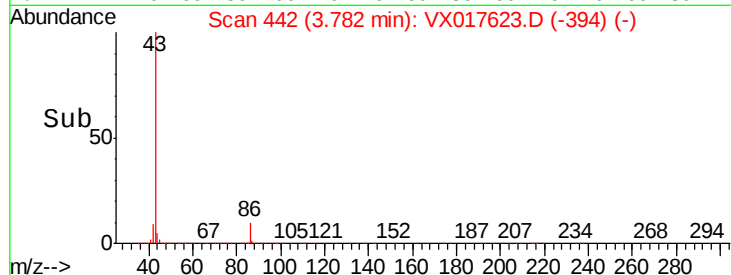
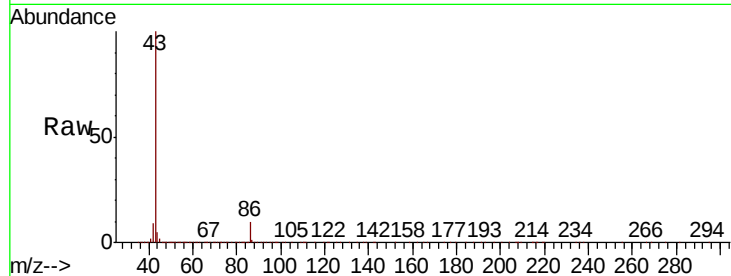
VSTDCCC050

Tot Ion: 43 Resp: 4456045

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



#24

1,1-Dichloroethane

Concen: 48.041 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

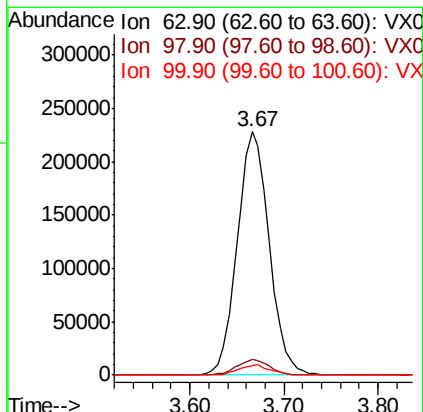
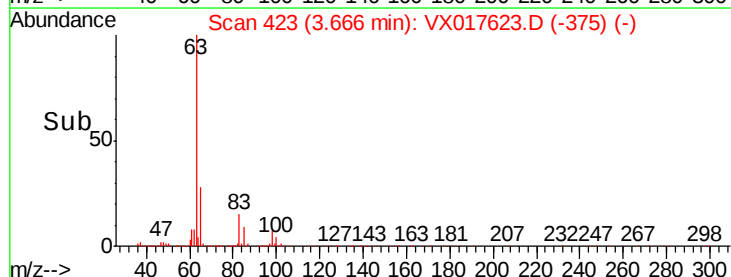
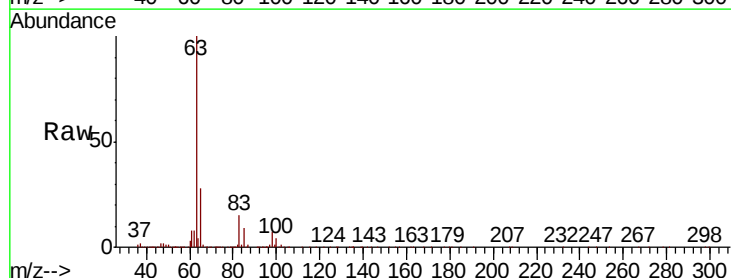
Tgt Ion: 63 Resp: 539640

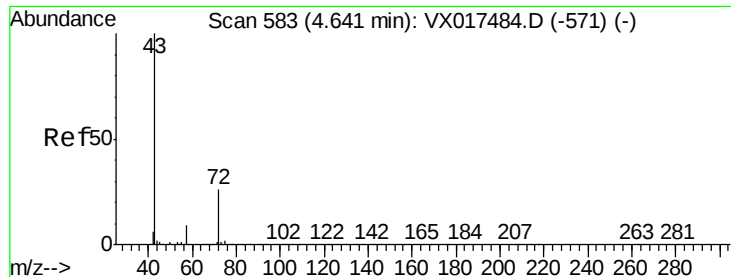
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 246.225 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

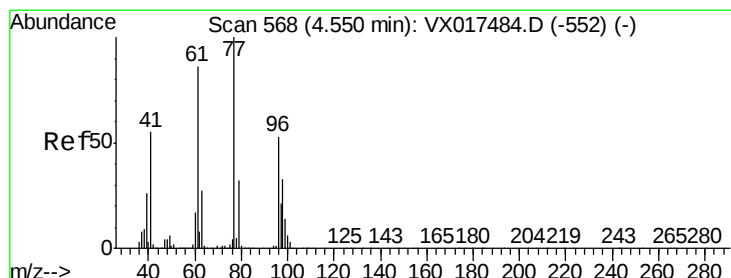
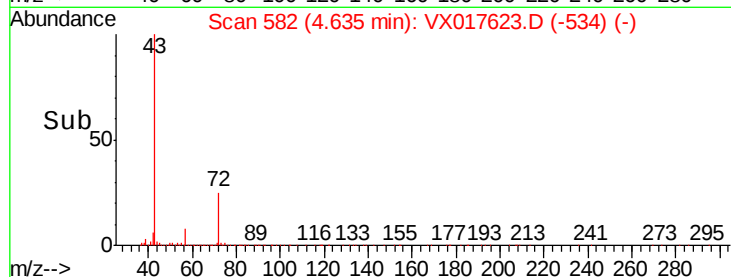
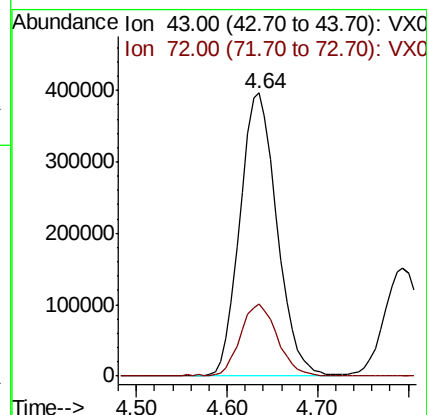
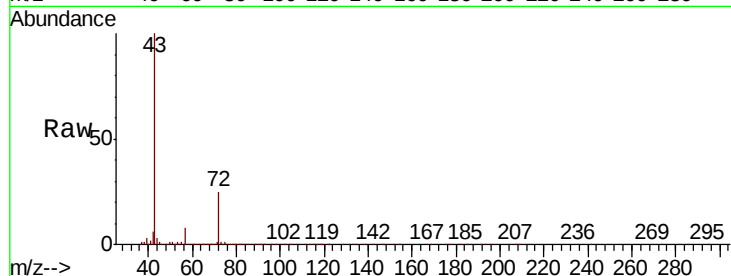
VSTDCCC050

Tot Ion: 43 Resp: 1118221

Ion Ratio Lower Upper

43 100

72 25.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 47.536 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017623.D

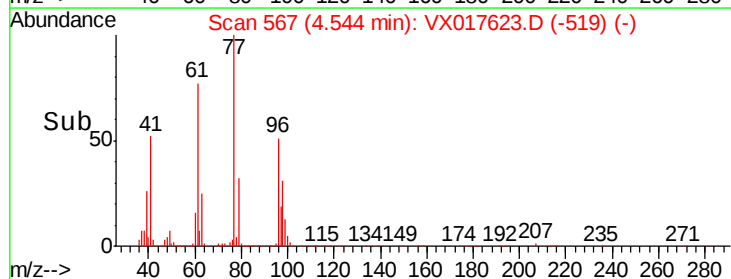
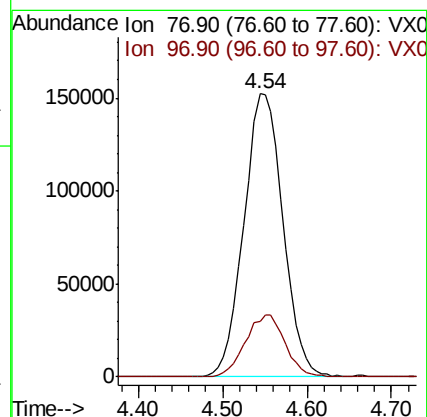
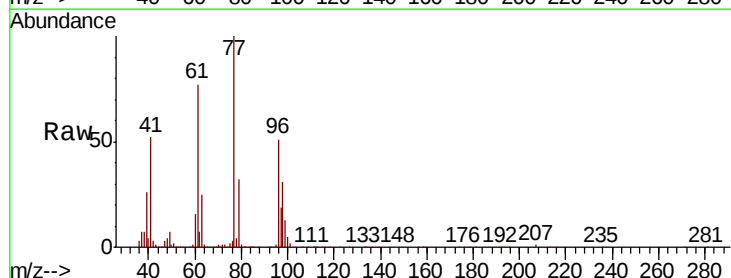
Acq: 27 Jul 2020 17:16

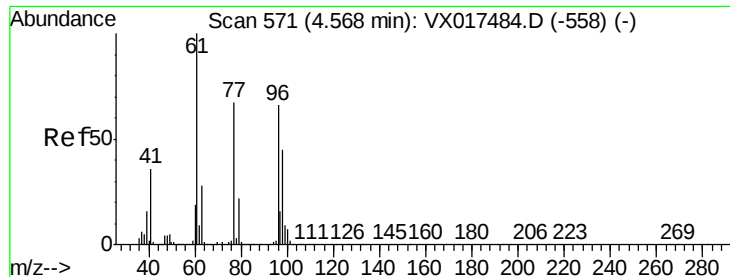
Tgt Ion: 77 Resp: 477969

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9



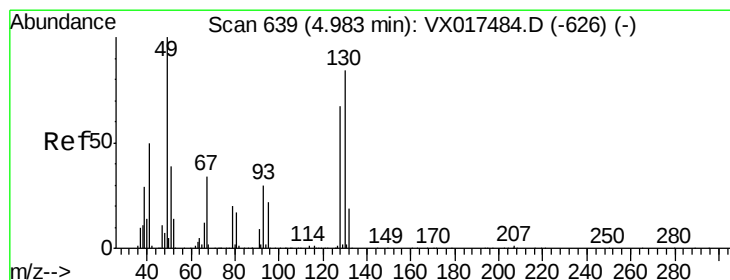
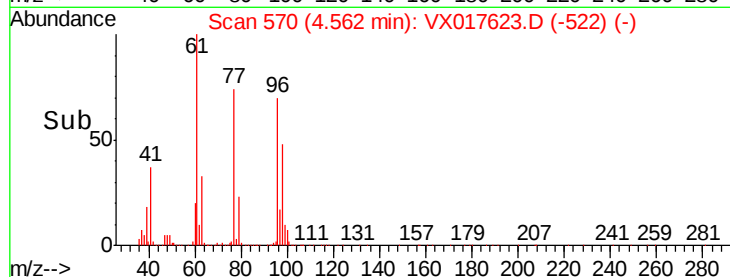
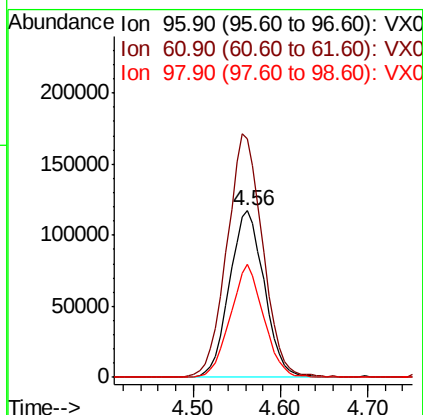
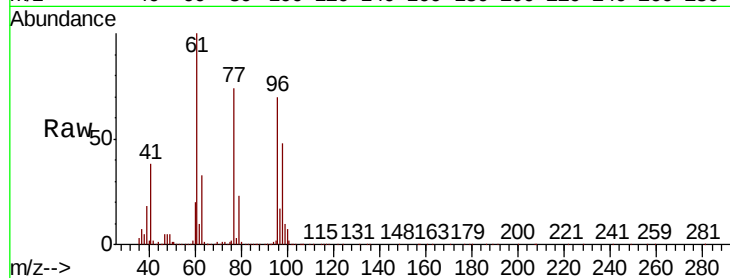


#27

cis-1,2-Dichloroethene
Concen: 47.457 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

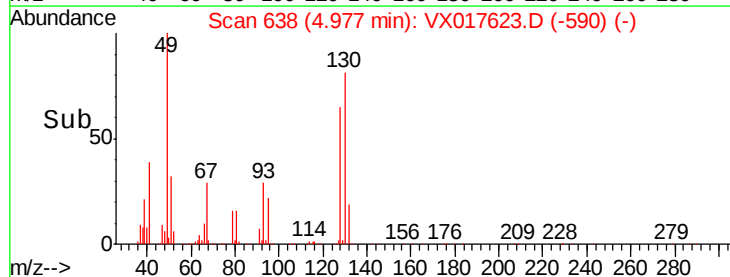
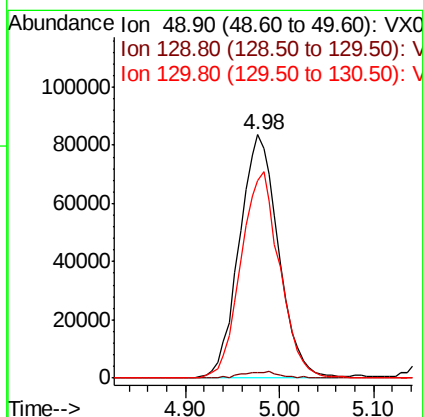
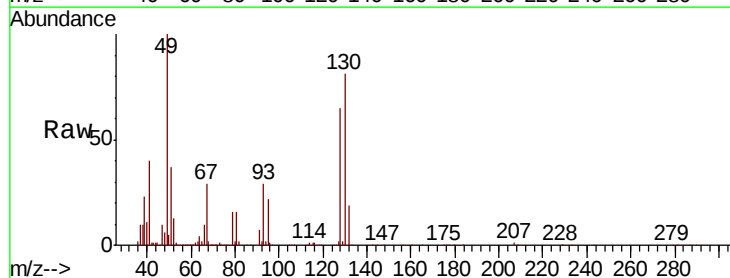
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	301.2
98	65.1	0.0	130.0

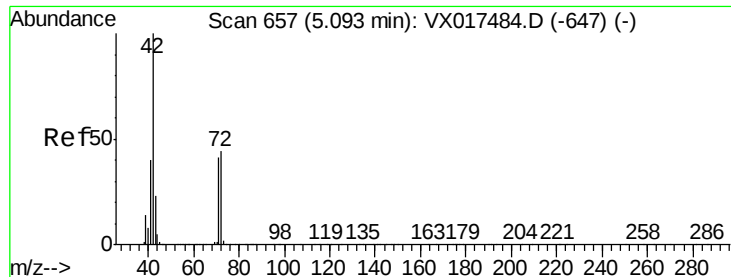


#28

Bromochloromethane
Concen: 47.590 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	84.6	66.7	100.1

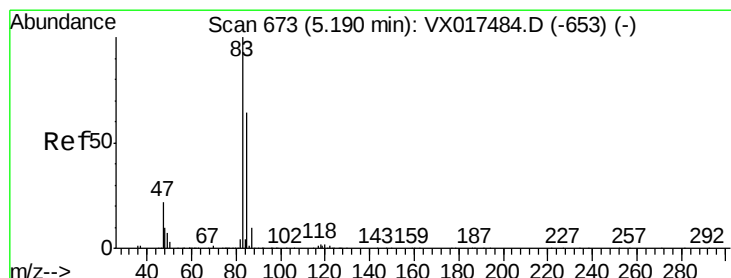
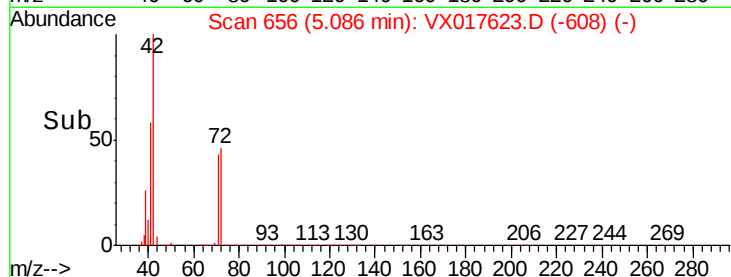
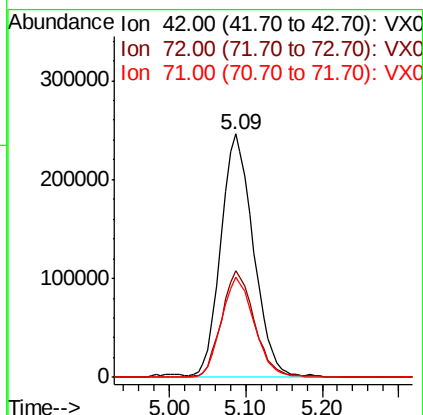
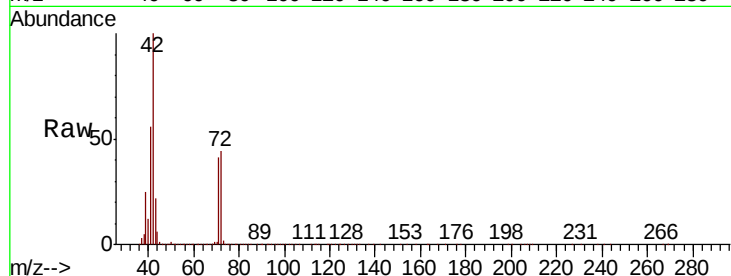




#29
Tetrahydrofuran
Concen: 257.667 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

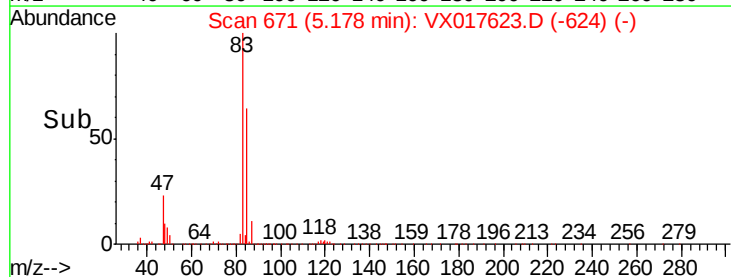
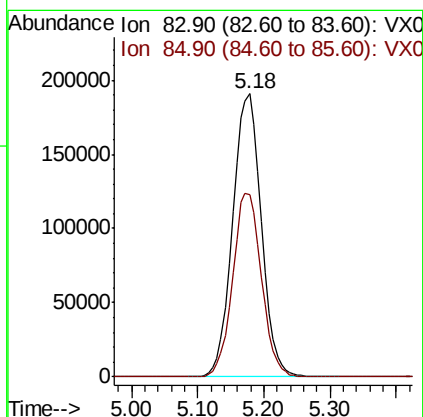
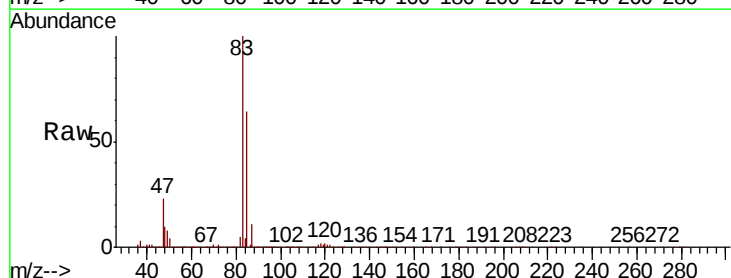
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

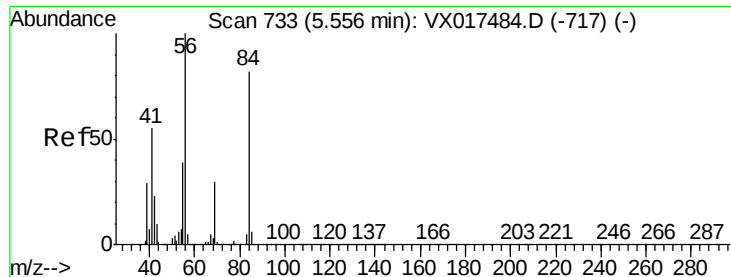
Tot Ion: 42 Resp: 724844
Ion Ratio Lower Upper
42 100
72 44.6 35.5 53.3
71 41.6 33.0 49.4



#30
Chloroform
Concen: 49.933 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 83 Resp: 573109
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2

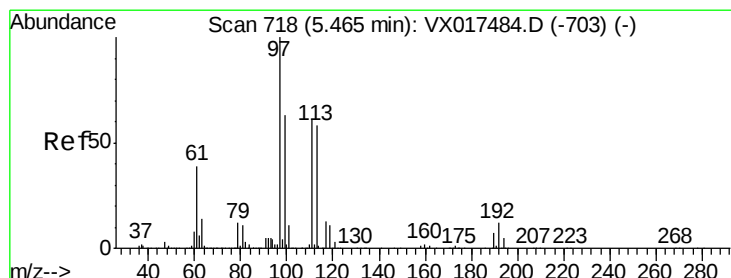
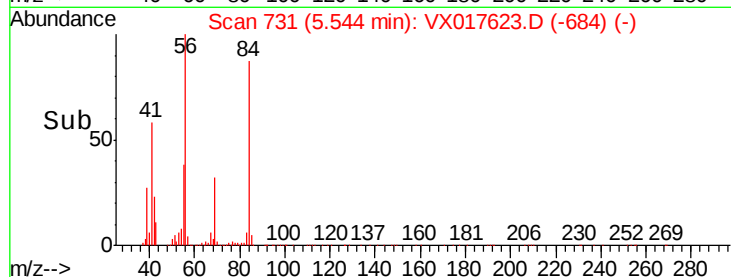
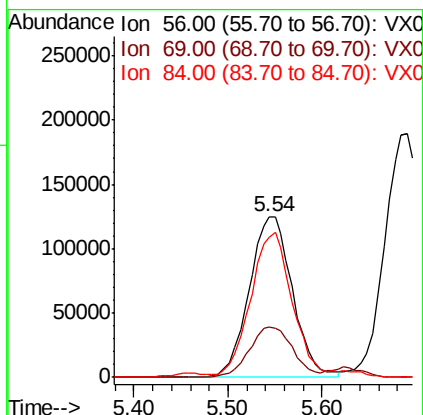
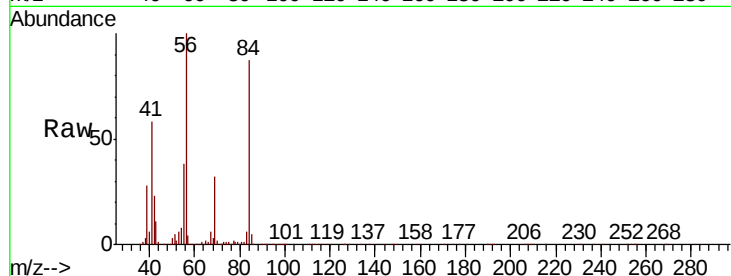




#31
Cyclohexane
Concen: 44.637 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

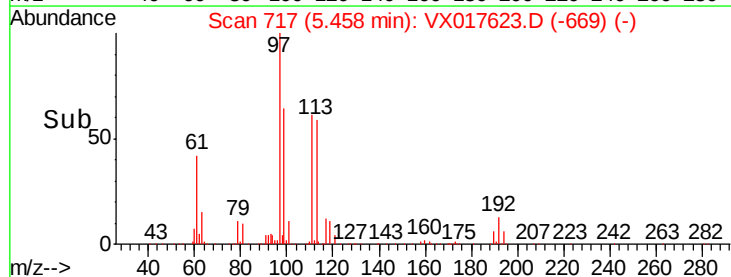
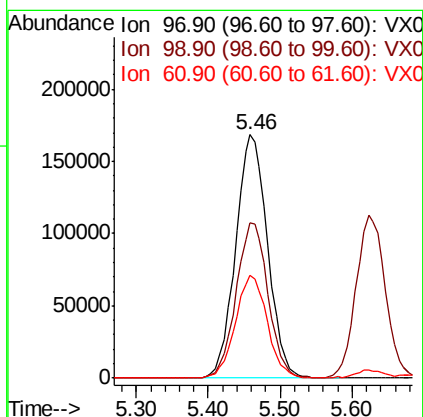
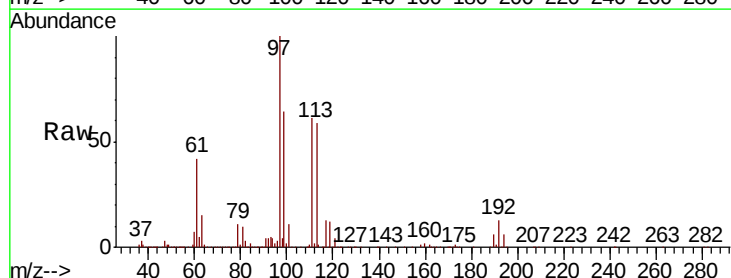
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

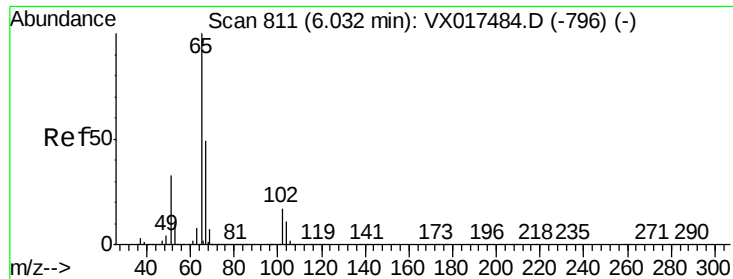
Tot Ion: 56 Resp: 399843
Ion Ratio Lower Upper
56 100
69 31.6 24.2 36.4
84 84.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.757 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 97 Resp: 516870
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 42.0 34.1 51.1

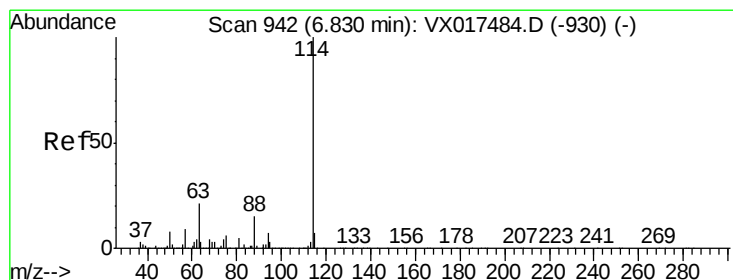
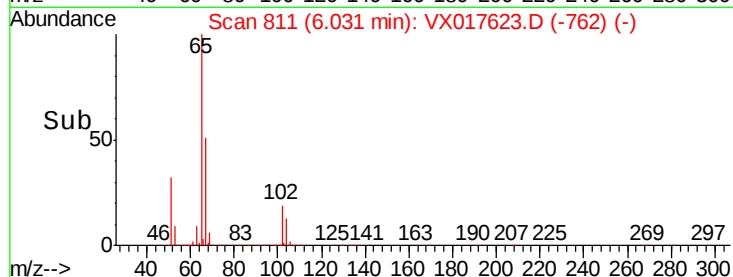
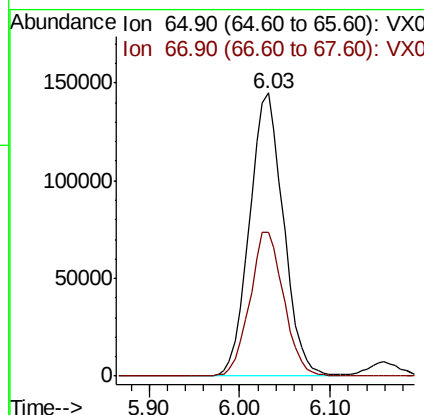
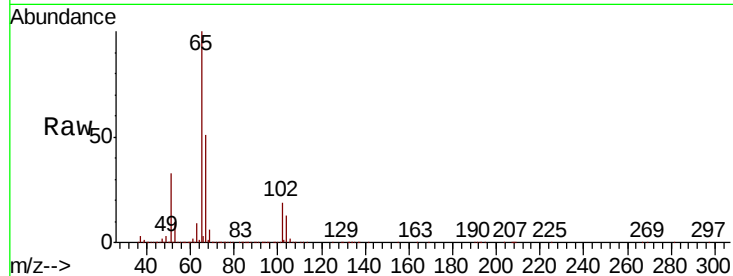




#33
 1,2-Dichloroethane-d4
 Concen: 51.595 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

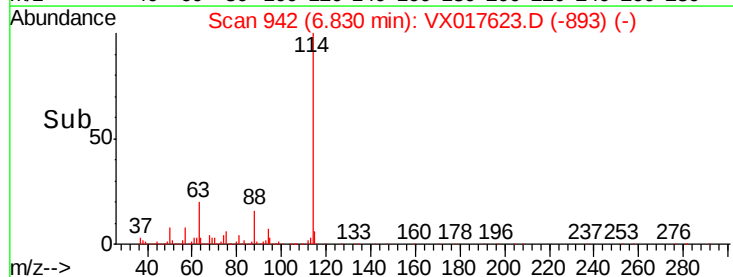
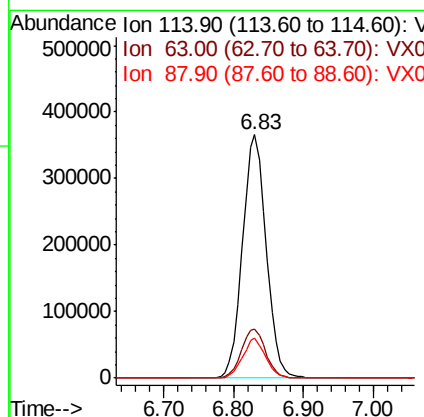
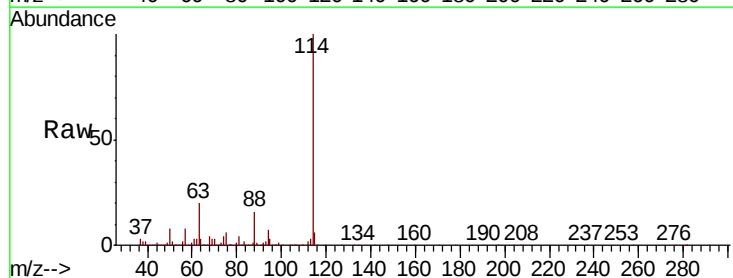
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

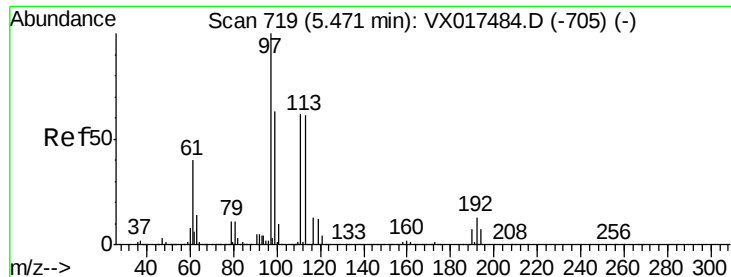
Tot Ion: 65 Resp: 374754
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion: 114 Resp: 860545
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 16.3 0.0 33.4

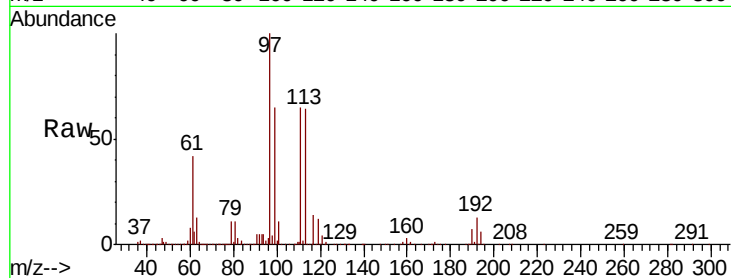




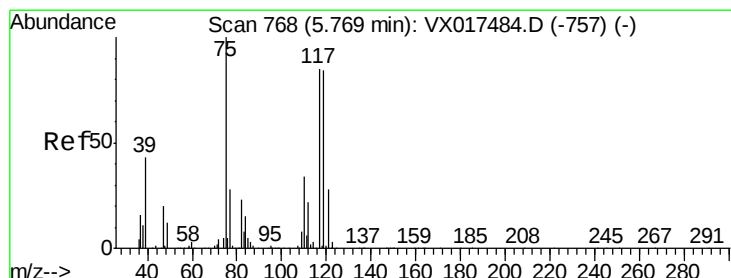
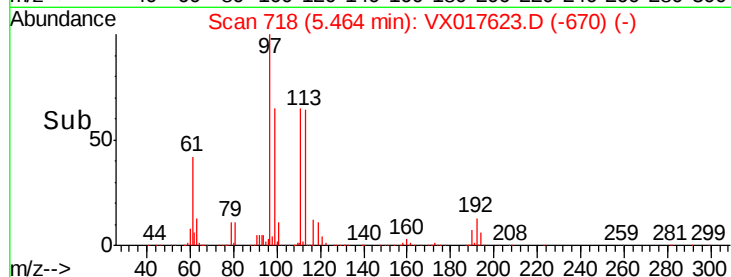
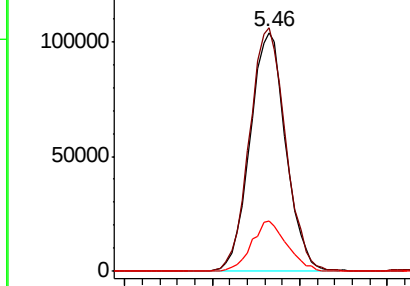
#35
 Dibromofluoromethane
 Concen: 51.405 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 295857
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 21.1 16.9 25.3

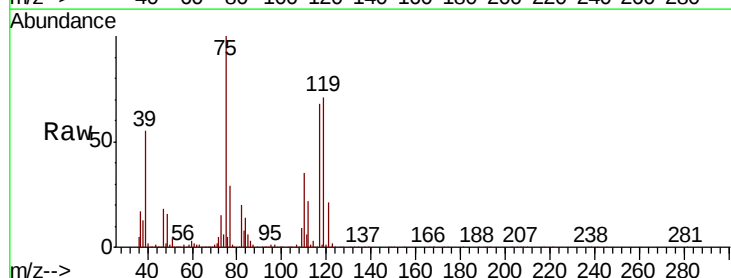


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

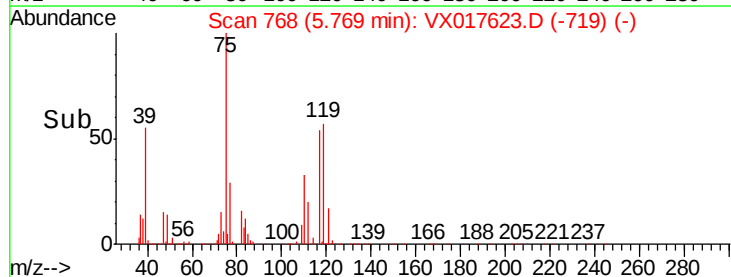
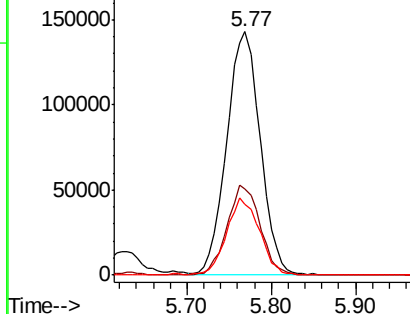


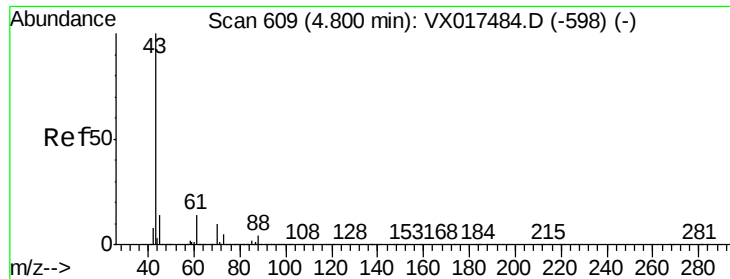
#36
 1,1-Dichloropropene
 Concen: 46.592 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion: 75 Resp: 384544
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.1 54.3
 77 30.9 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

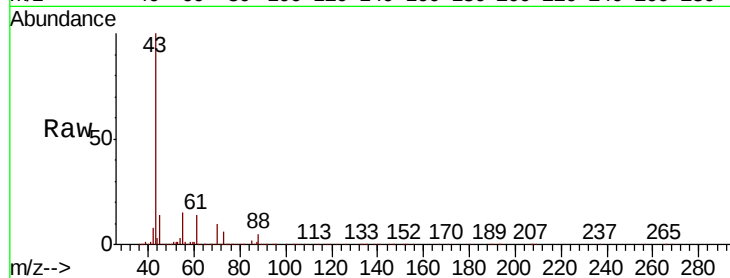




#37
Ethyl Acetate
Concen: 48.437 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.5	12.7

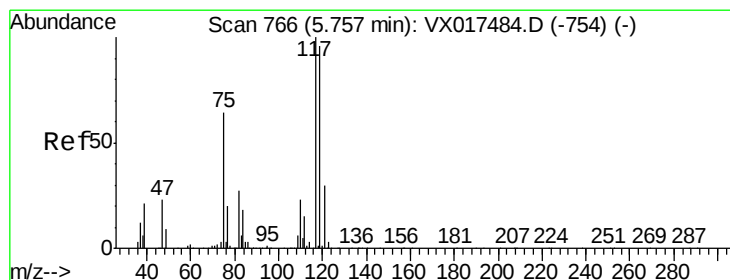
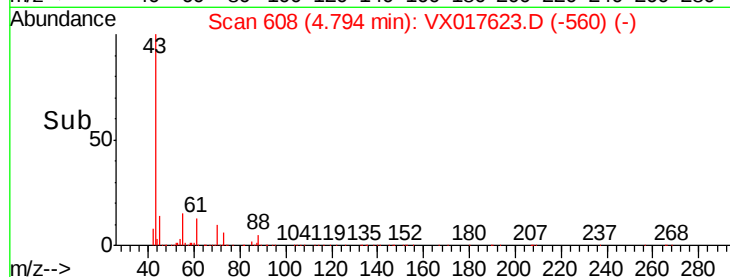
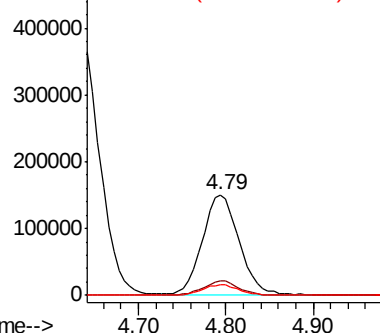


Abundance

Ion 43.00 (42.70 to 43.70): VX0

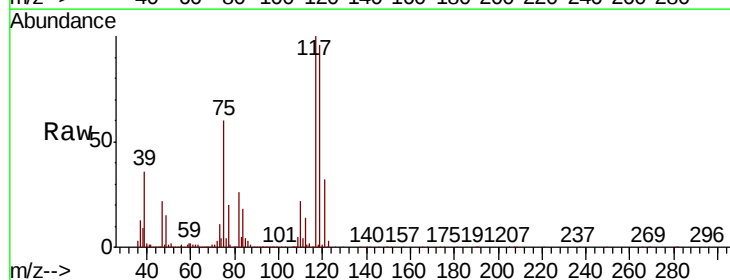
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 45.070 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
121	32.1	24.3	36.5

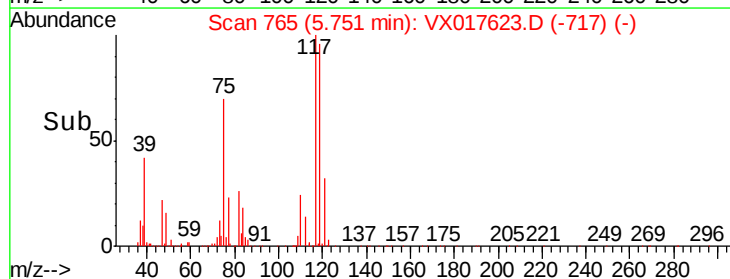
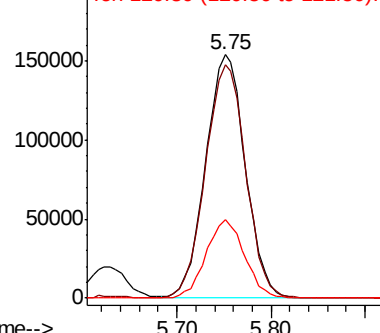


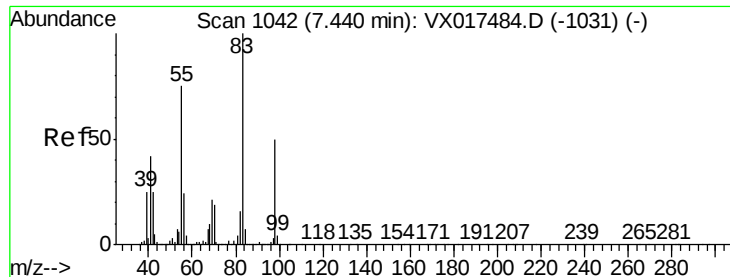
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

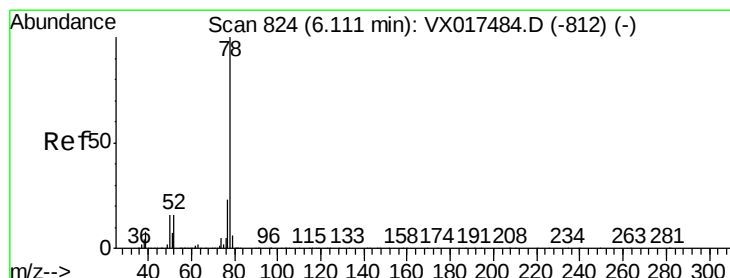
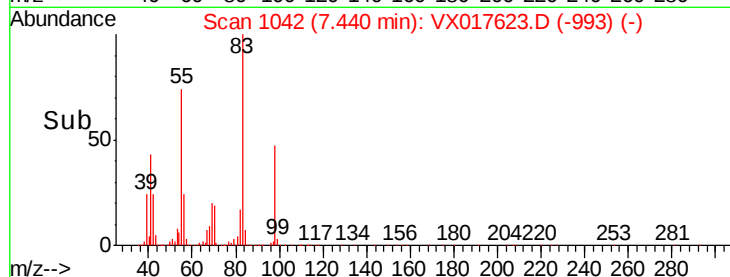
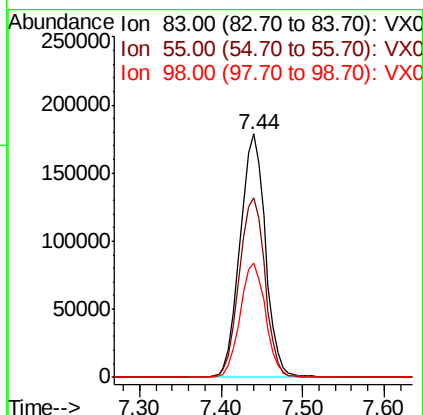
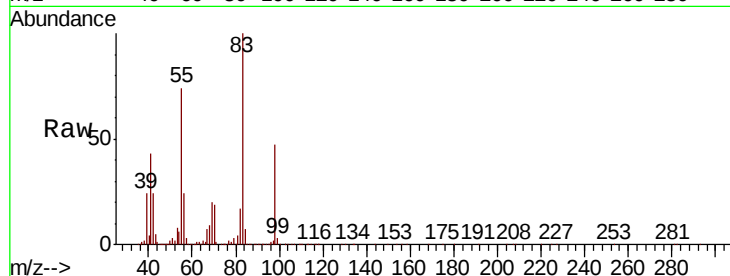




#39
Methylvlcvclohexane
Concen: 39.993 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

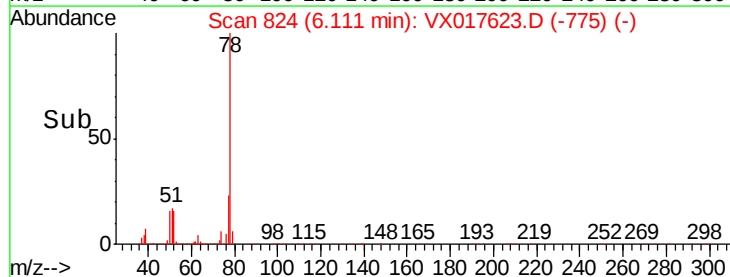
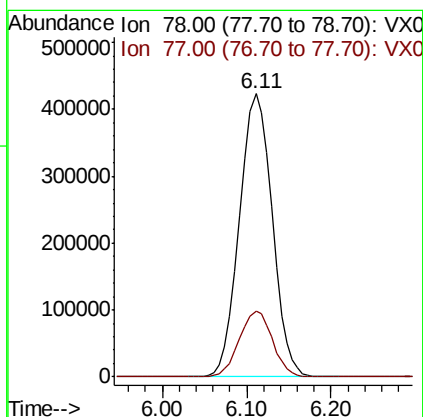
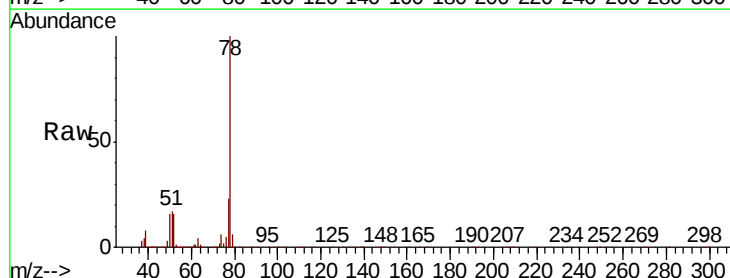
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

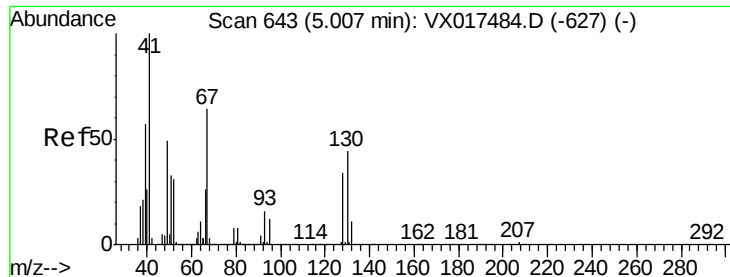
Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.8	92.8
98	46.9	36.9	55.3



#40
Benzene
Concen: 47.096 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.2

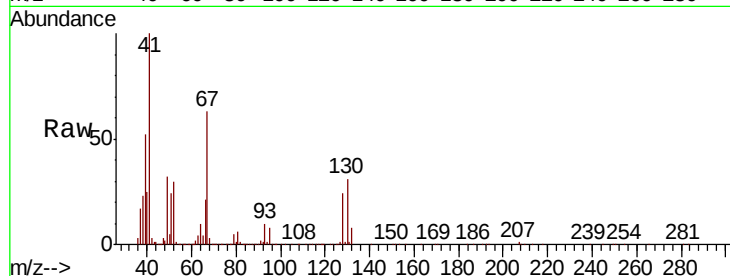




#41
Methacrylonitrile
Concen: 49.040 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	253838
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.9	65.9
67	69.1	54.0	81.0
52	28.6	23.0	34.6



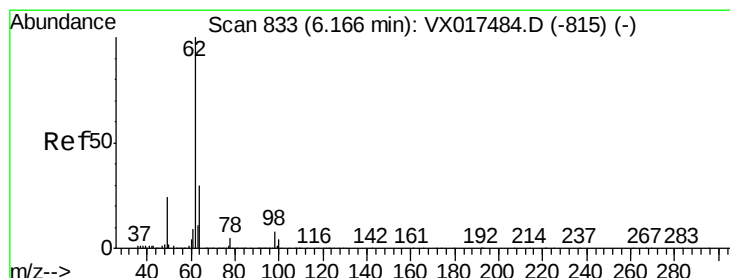
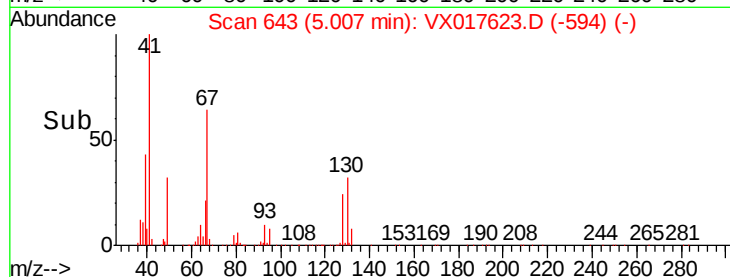
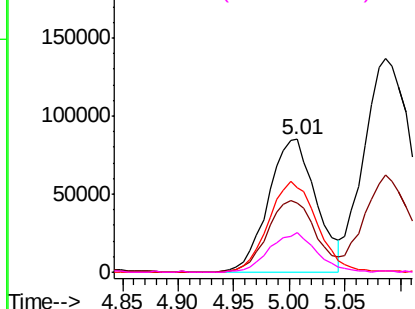
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

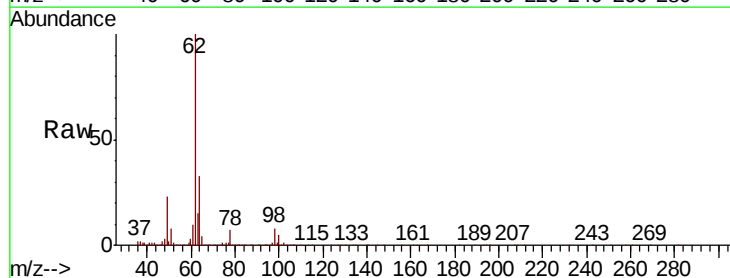
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.370 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

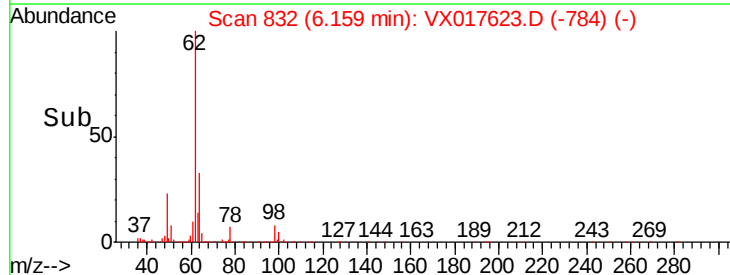
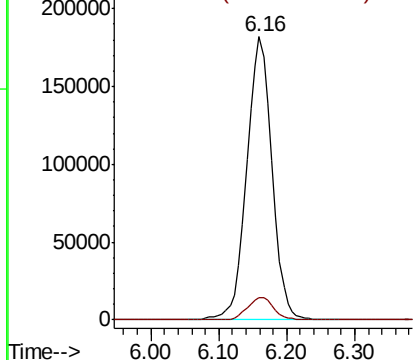
Tgt Ion:	62	Resp:	468239
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0

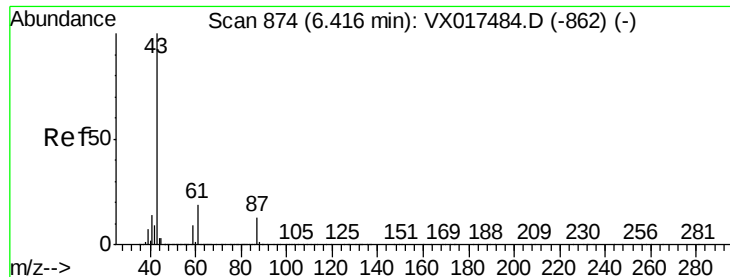


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



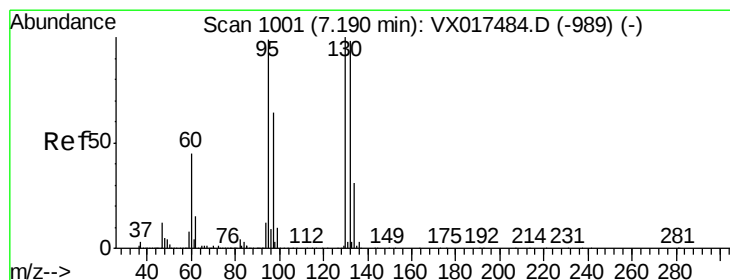
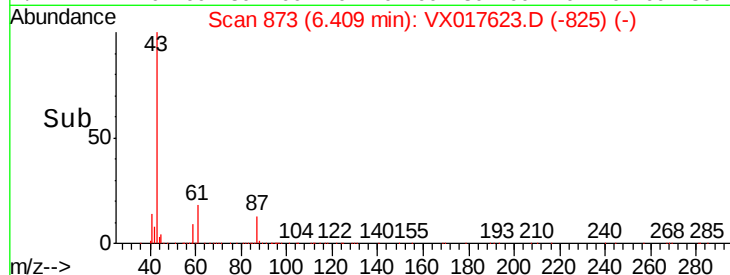
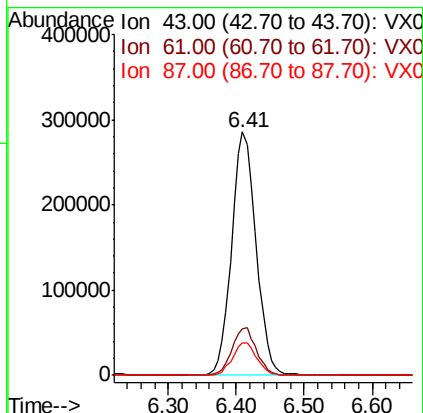
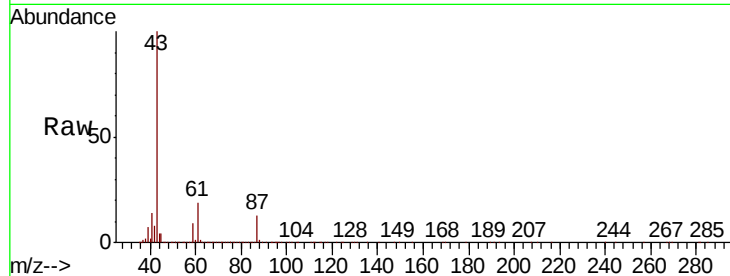


#43

Isopropyl Acetate
 Concen: 47.632 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

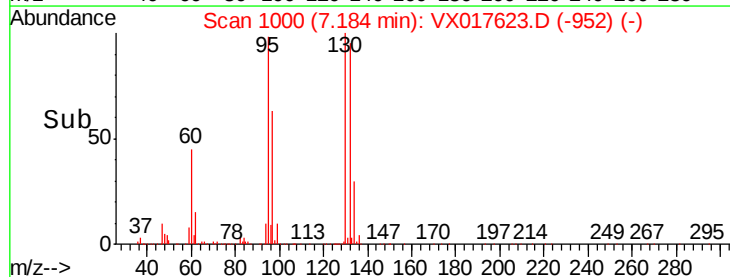
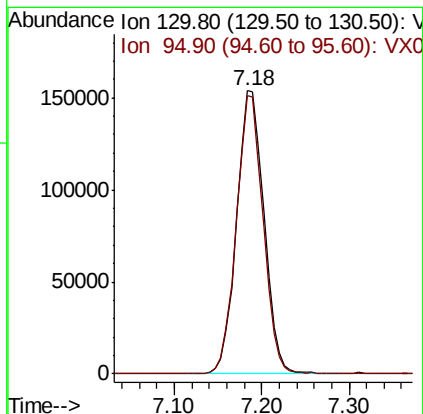
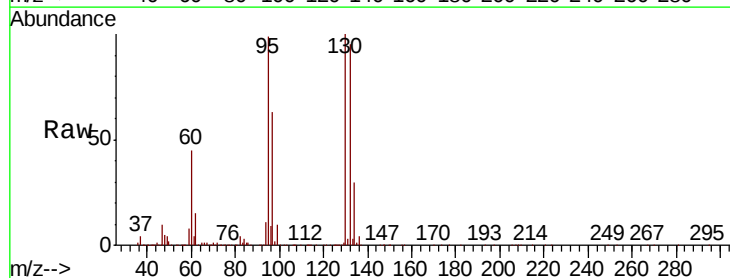
Tot Ion	43	Resp	709707
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.5	23.3
87	13.5	10.5	15.7

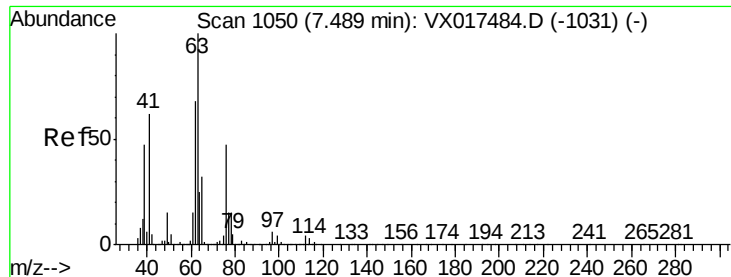


#44

Trichloroethene
 Concen: 48.493 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion	130	Resp	335329
Ion Ratio	Lower	Upper	
130	100		
95	98.4	0.0	189.0





#45

1,2-Dichloropropane

Concen: 47.533 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

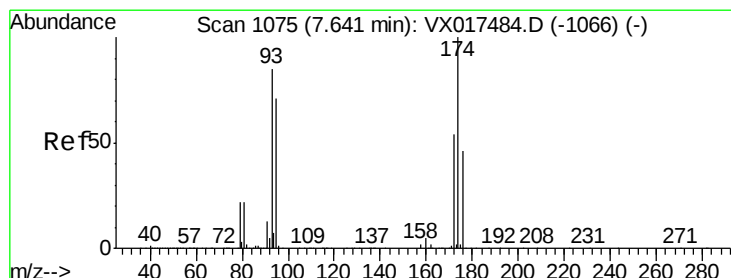
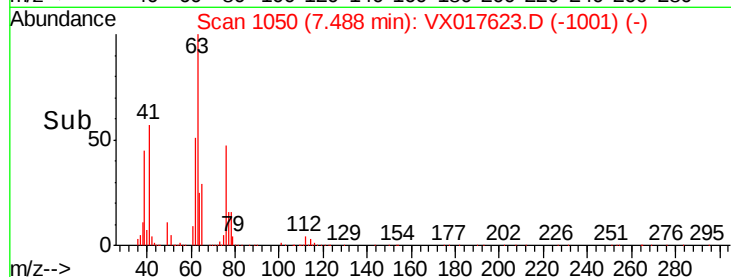
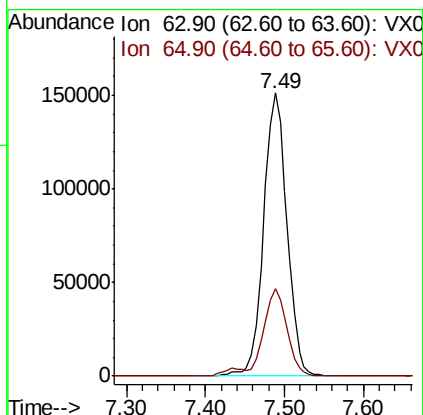
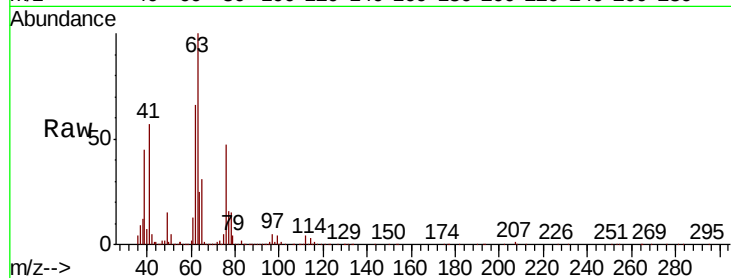
VSTDCCC050

Tot Ion: 63 Resp: 311790

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 47.133 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

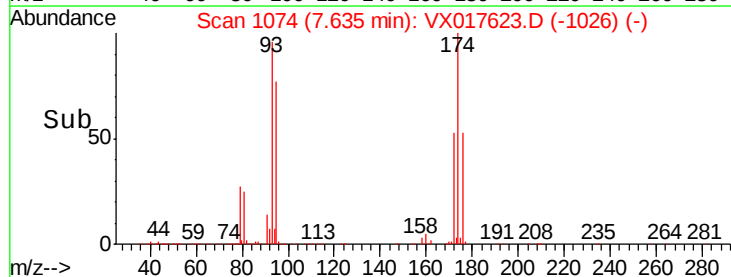
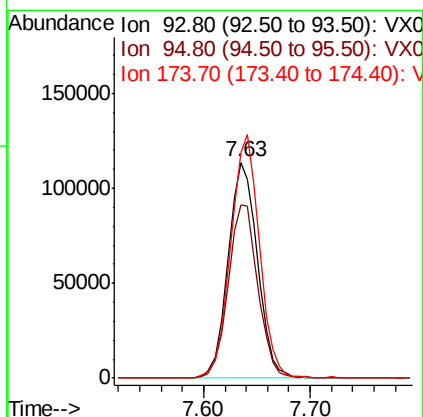
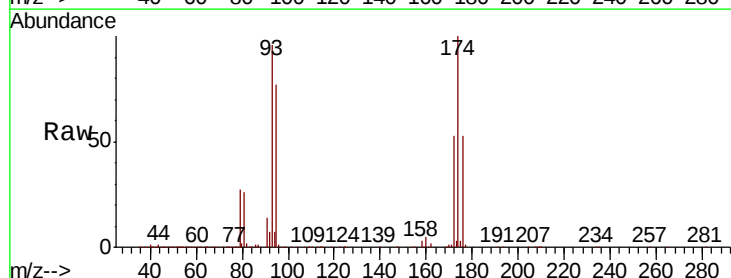
Tgt Ion: 93 Resp: 218493

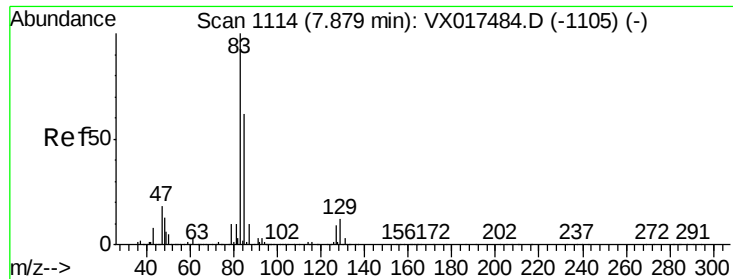
Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 111.0 87.0 130.6

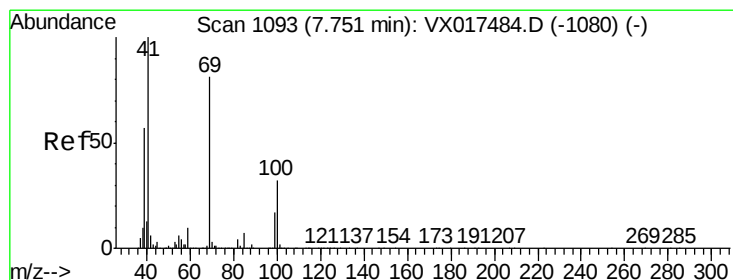
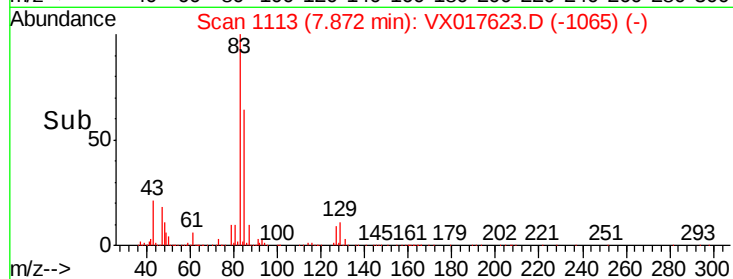
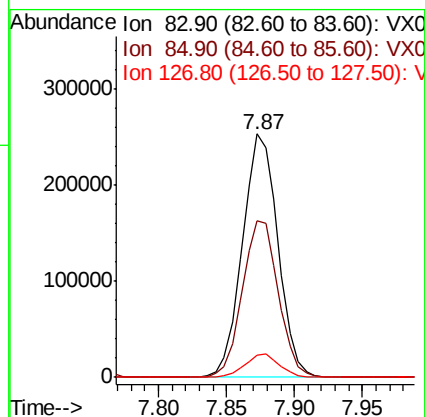
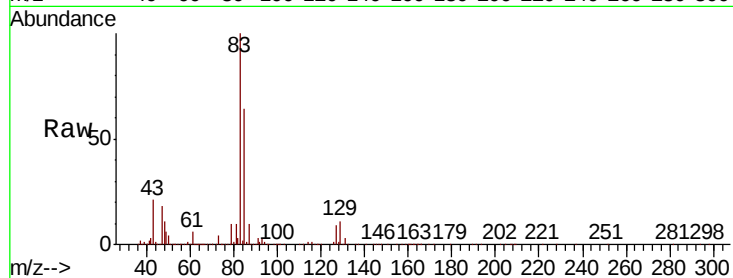




#47
 Bromodichloromethane
 Concen: 49.572 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

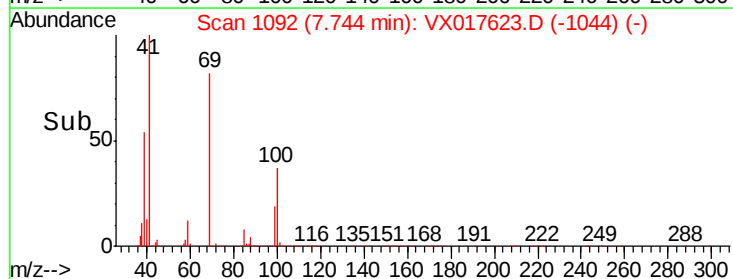
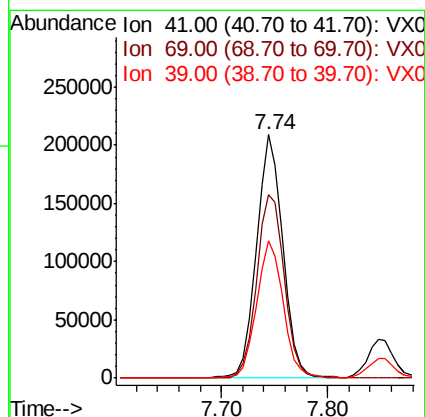
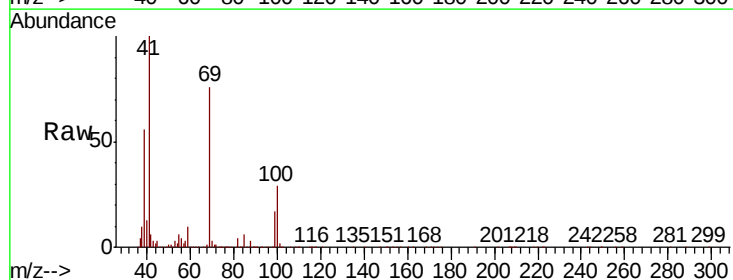
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

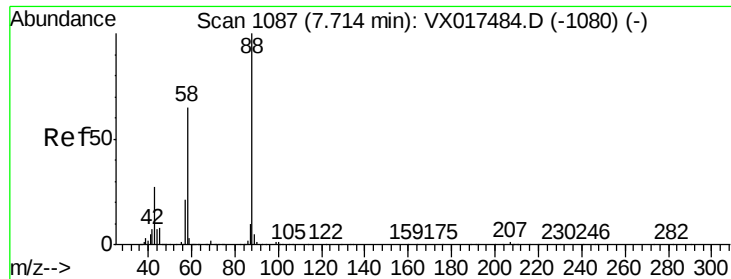
Tot Ion: 83 Resp: 462390
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.8 77.8
 127 9.1 7.4 11.2



#48
 Methyl methacrylate
 Concen: 48.850 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion: 41 Resp: 360793
 Ion Ratio Lower Upper
 41 100
 69 79.8 63.1 94.7
 39 57.3 45.1 67.7

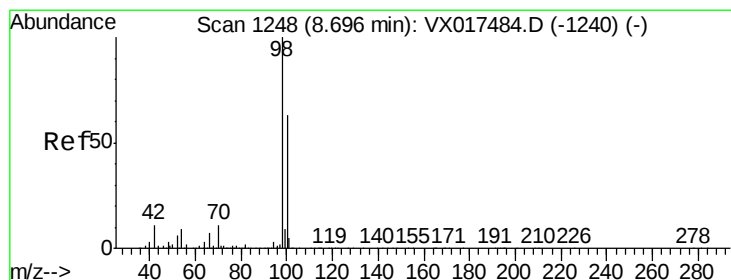
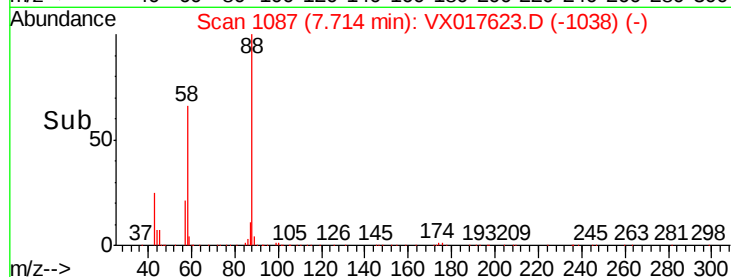
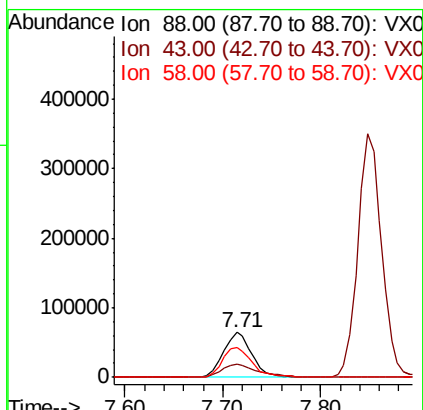
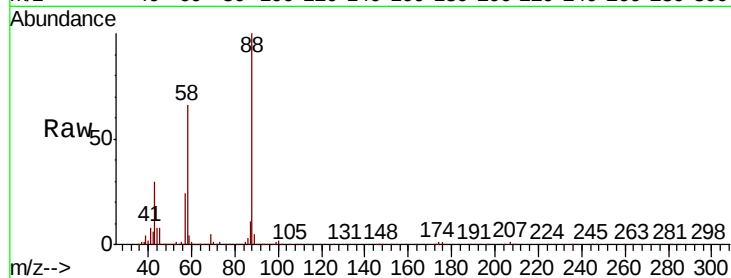




#49
1,4-Dioxane
Concen: 917.867 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

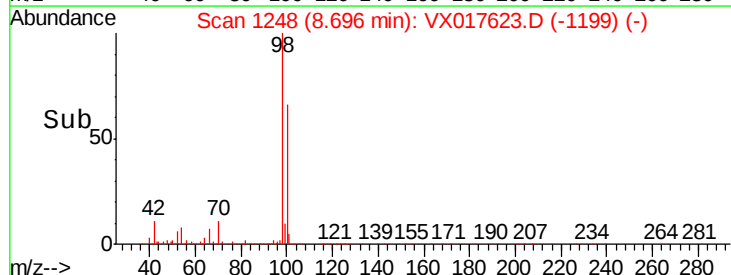
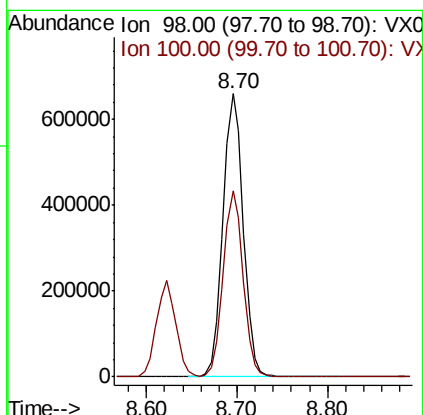
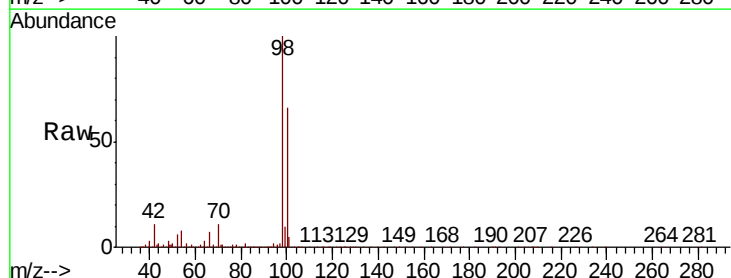
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

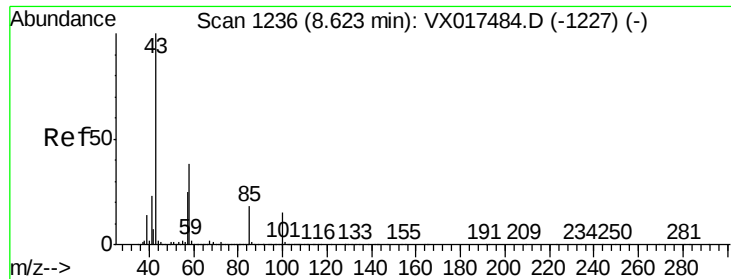
Tot Ion: 88 Resp: 129971
Ion Ratio Lower Upper
88 100
43 36.1 27.8 41.6
58 69.0 58.3 87.5



#50
Toluene-d8
Concen: 49.578 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 98 Resp: 1029349
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 243.230 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

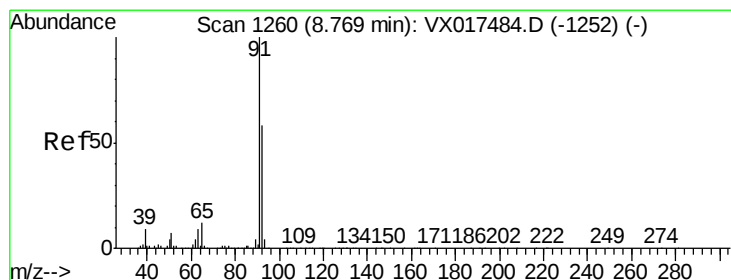
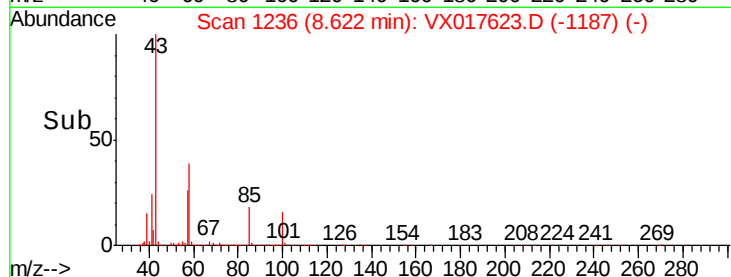
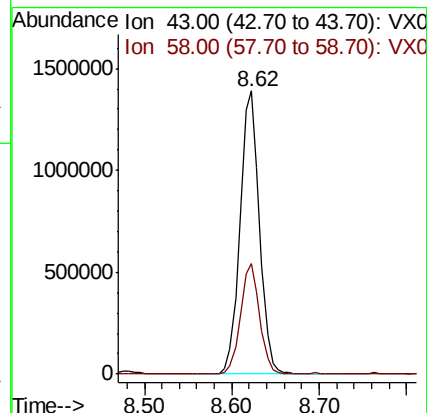
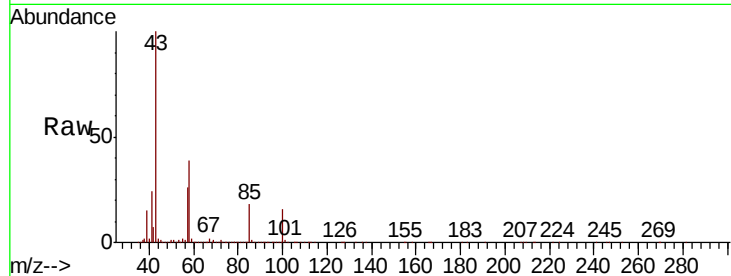
VSTDCCC050

Tot Ion: 43 Resp: 2162349

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 47.680 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017623.D

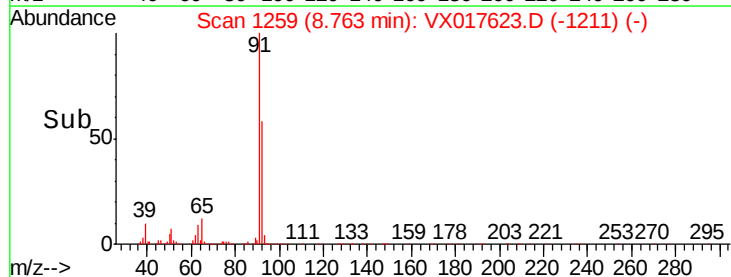
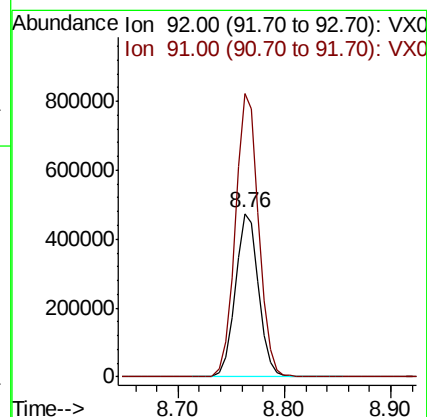
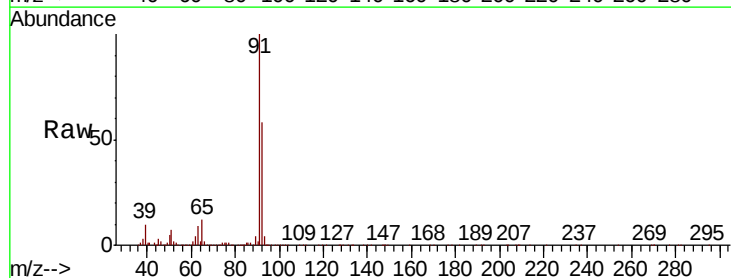
Acq: 27 Jul 2020 17:16

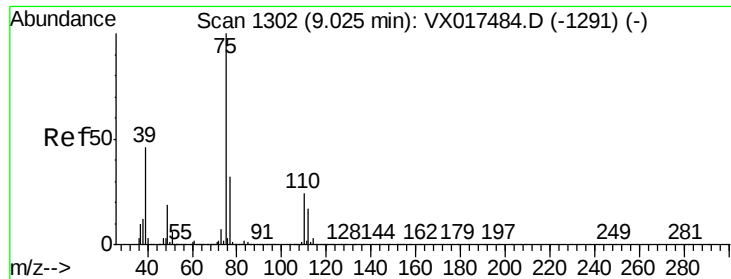
Tgt Ion: 92 Resp: 723545

Ion Ratio Lower Upper

92 100

91 174.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.811 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

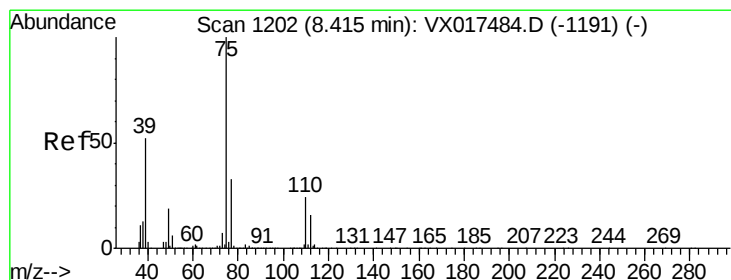
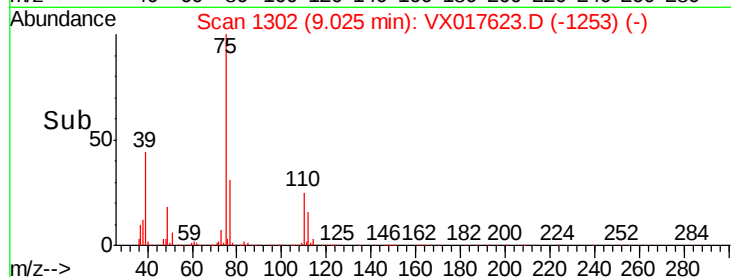
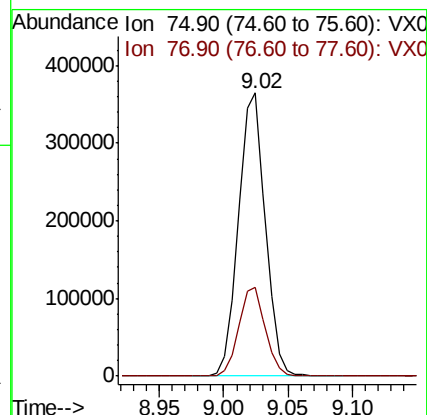
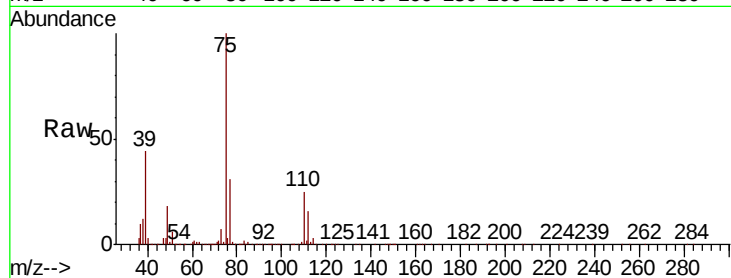
VSTDCCC050

Tot Ion: 75 Resp: 530547

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.037 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

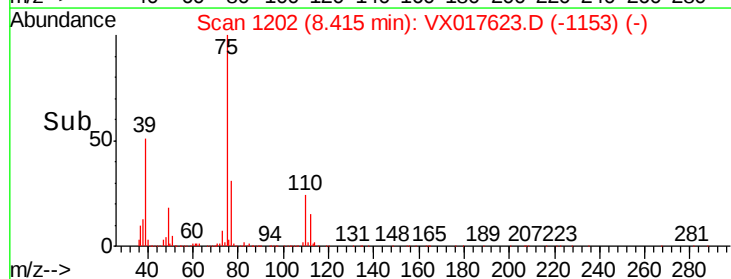
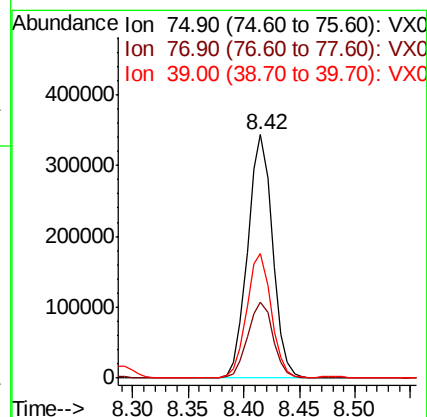
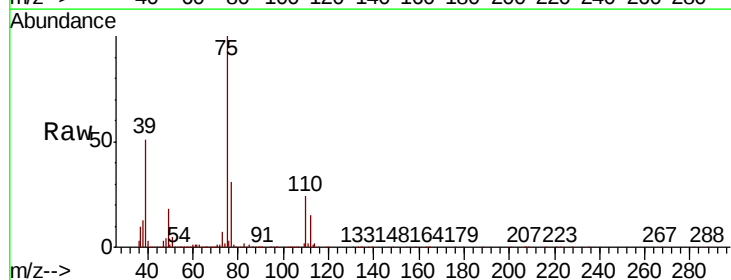
Tgt Ion: 75 Resp: 532909

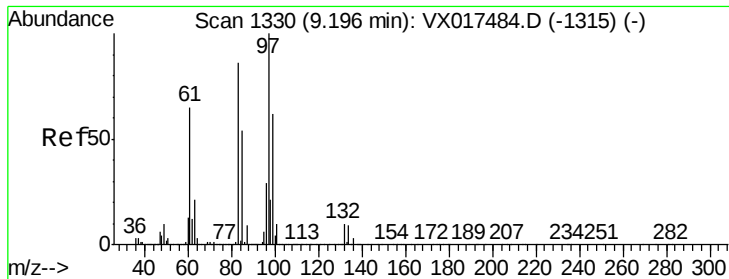
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 50.9 41.8 62.8

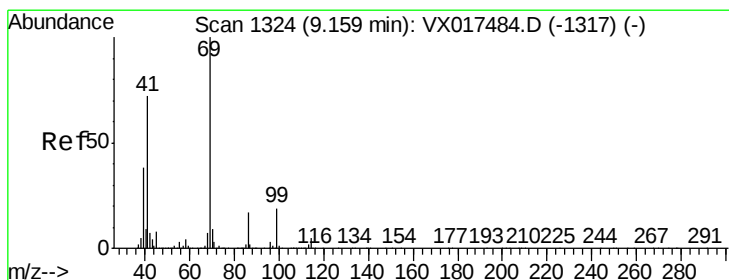
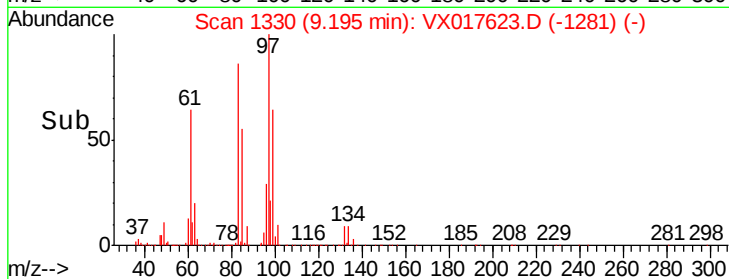
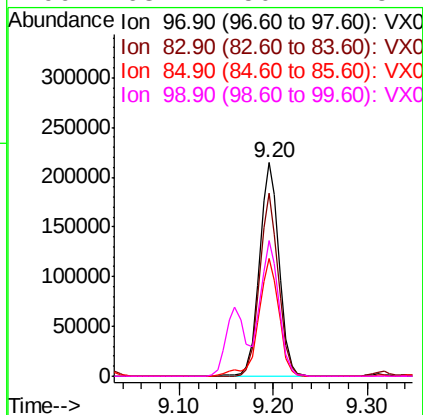
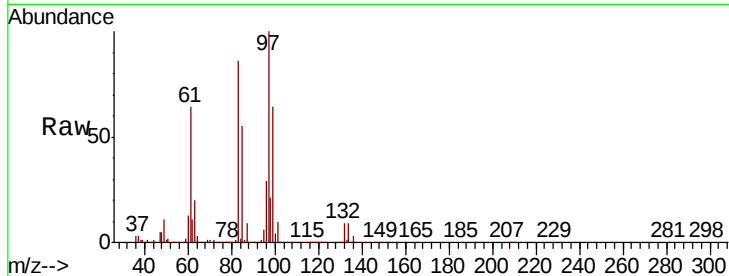




#55
 1,1,2-Trichloroethane
 Concen: 49.989 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

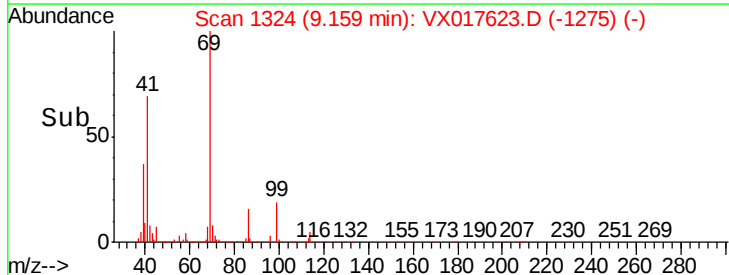
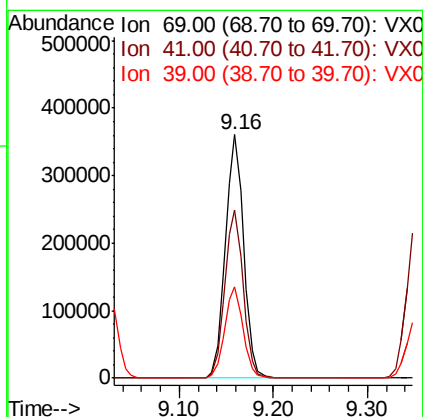
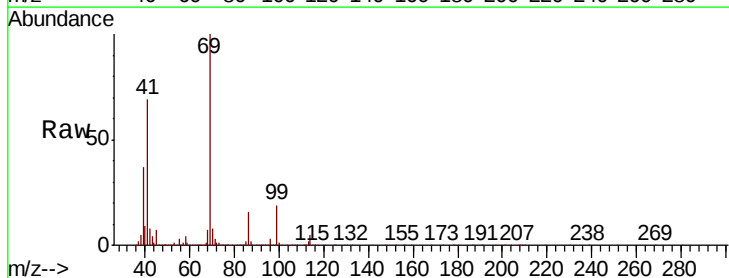
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

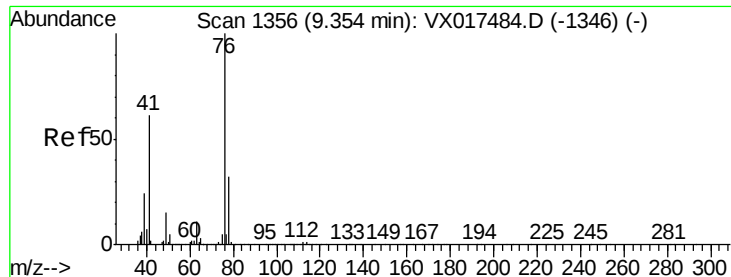
Tot Ion:	97	Resp:	316004
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.6	101.4
85	55.1	44.6	67.0
99	63.7	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 50.899 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion:	69	Resp:	484757
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.6
39	37.4	30.0	45.0





#57

1,3-Dichloropropane

Concen: 49.391 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

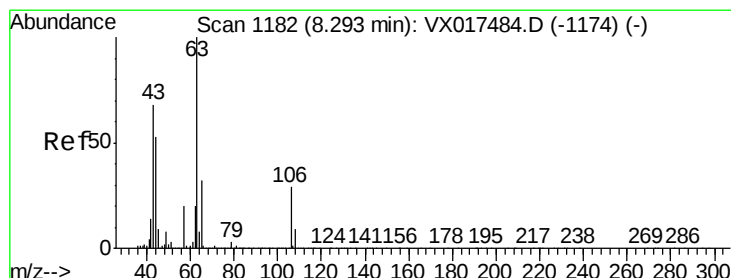
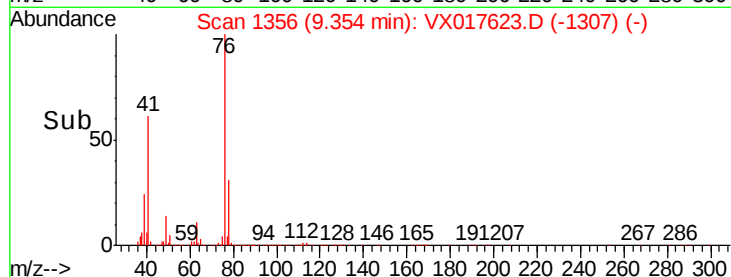
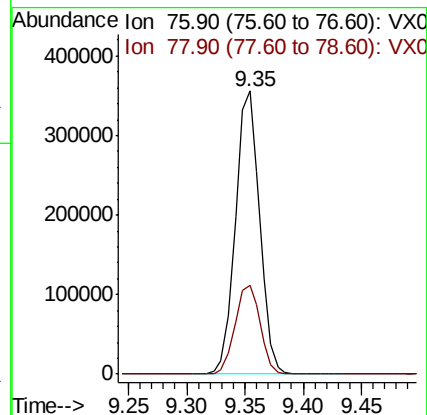
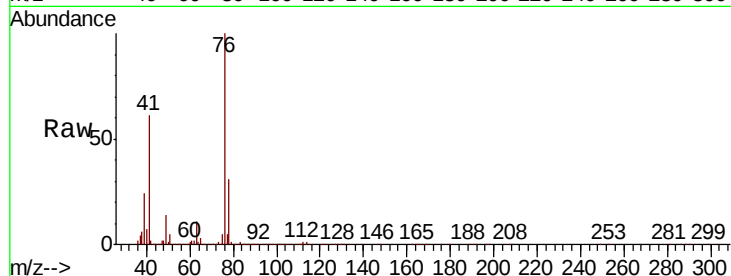
VSTDCCC050

Tot Ion: 76 Resp: 514114

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.346 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017623.D

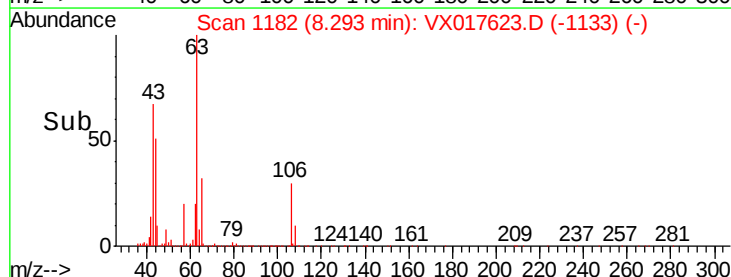
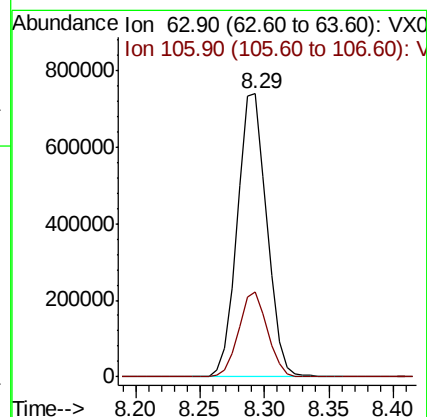
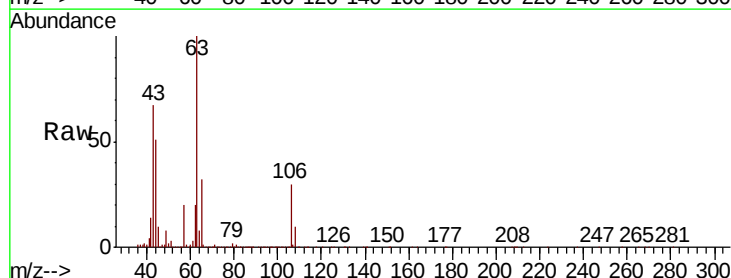
Acq: 27 Jul 2020 17:16

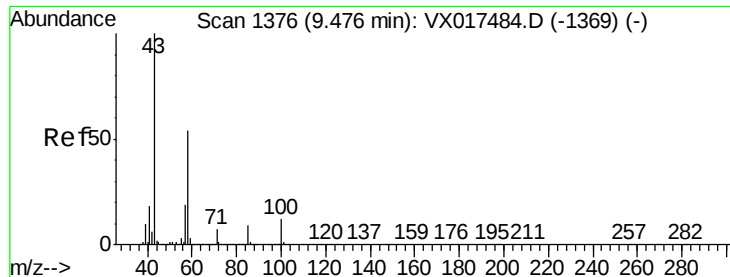
Tgt Ion: 63 Resp: 1175854

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0

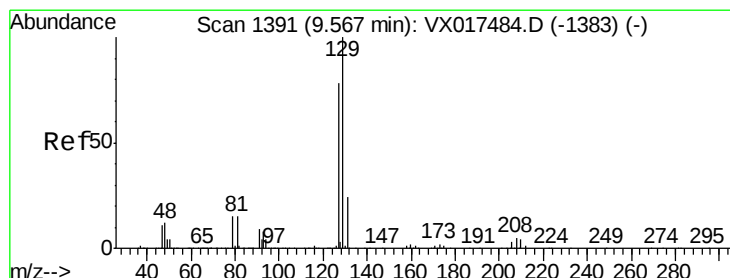
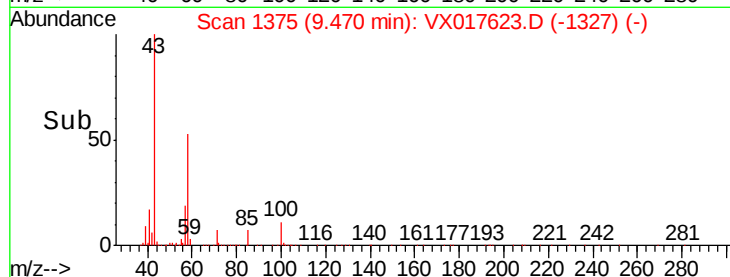
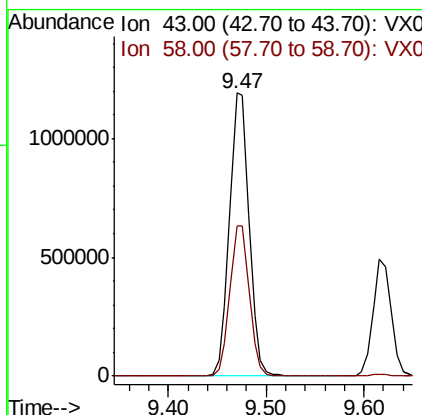
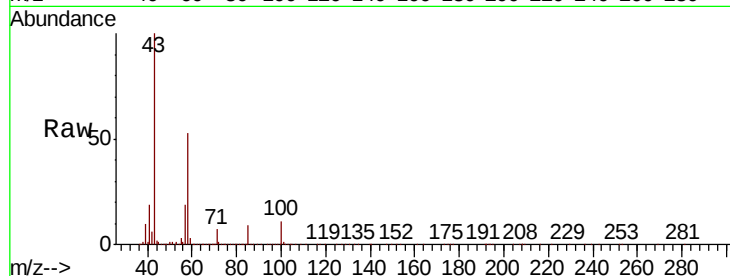




#59
2-Hexanone
Concen: 248.917 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

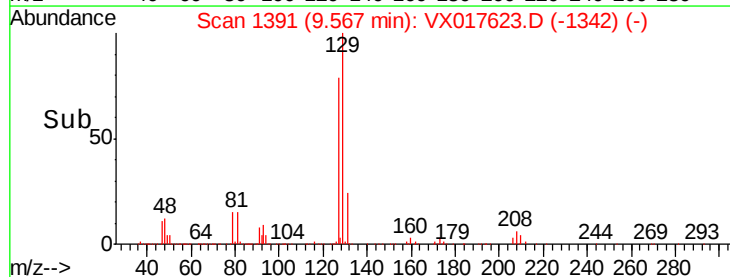
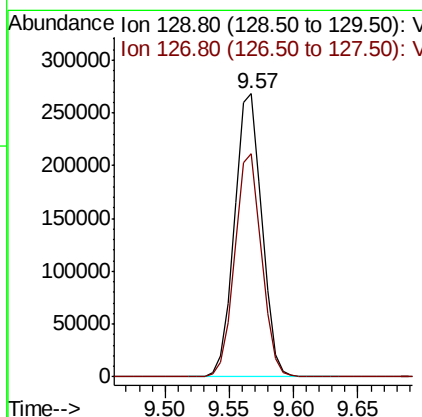
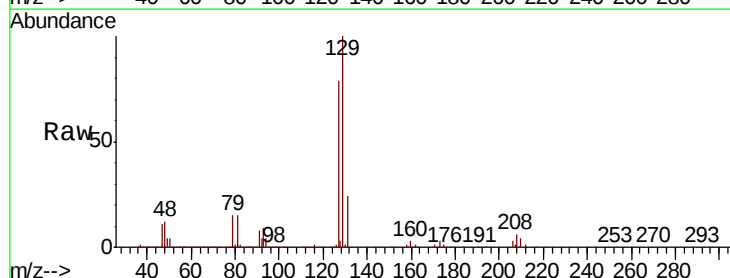
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

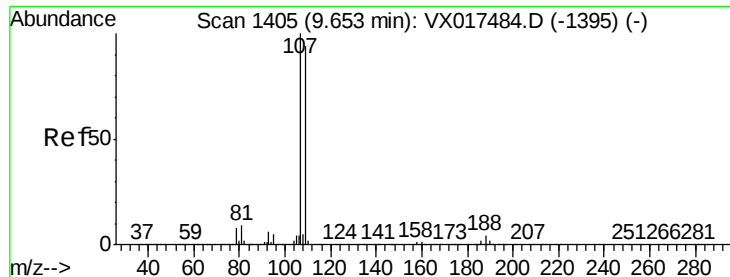
Tot Ion: 43 Resp: 1666066
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.8



#60
Dibromochloromethane
Concen: 49.273 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion:129 Resp: 395899
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.749 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

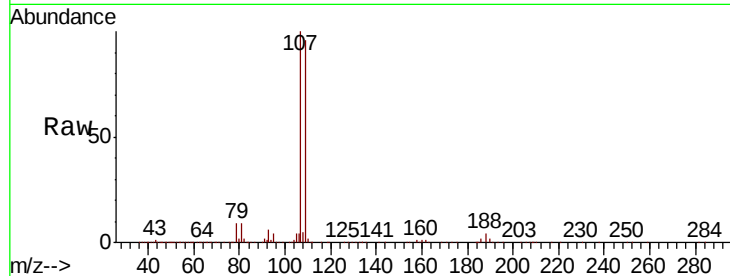
VSTDCCC050

Tot Ion:107 Resp: 341550

Ion Ratio Lower Upper

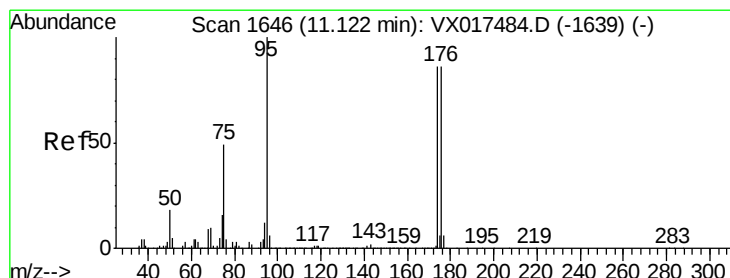
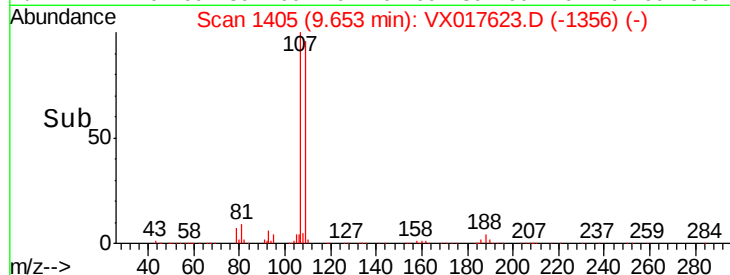
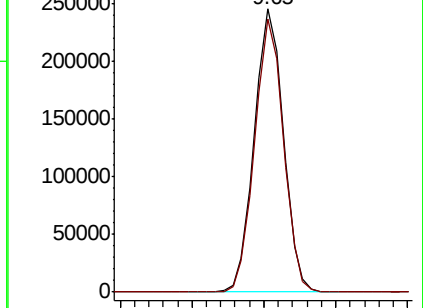
107 100

109 95.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.387 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

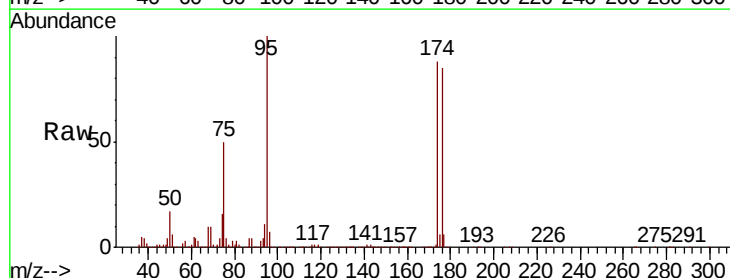
Tgt Ion: 95 Resp: 426980

Ion Ratio Lower Upper

95 100

174 85.2 0.0 169.0

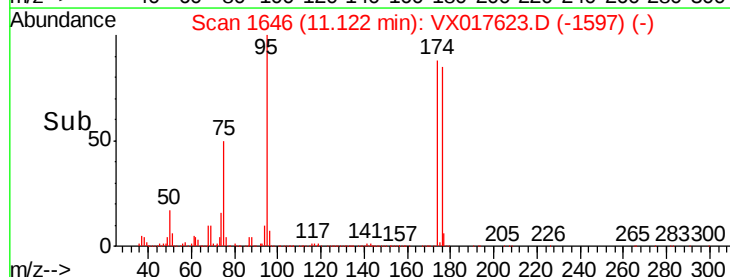
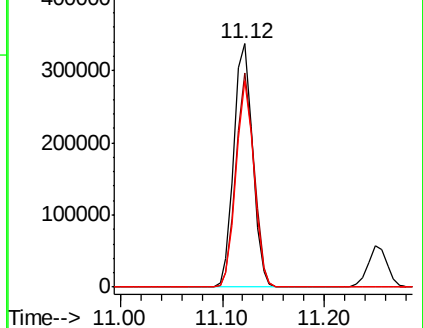
176 80.8 0.0 161.0

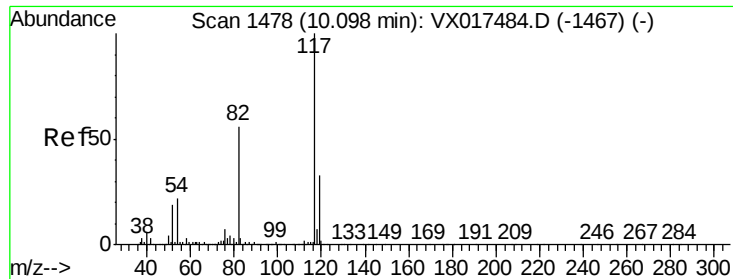


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

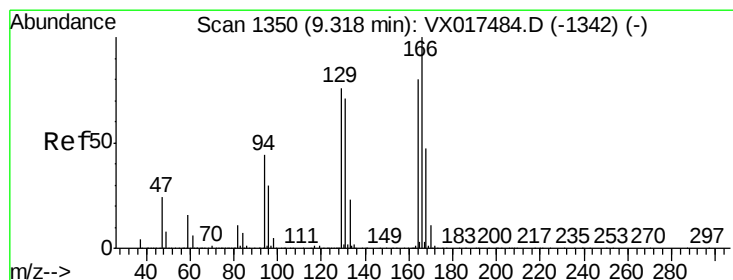
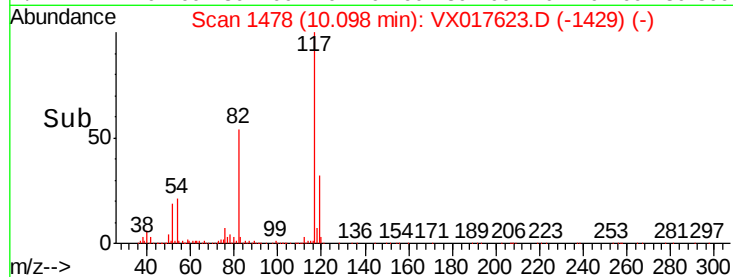
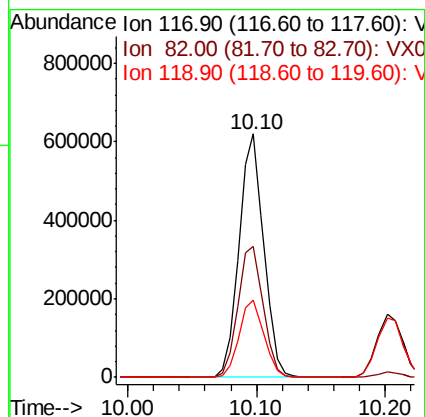
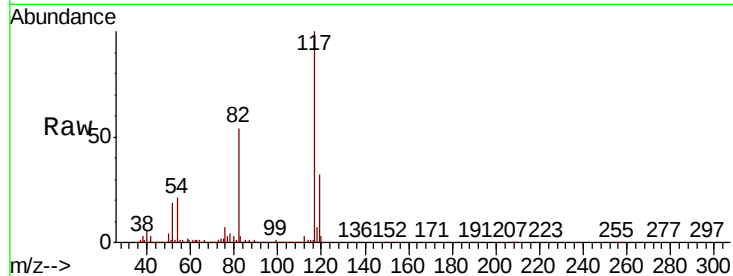




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

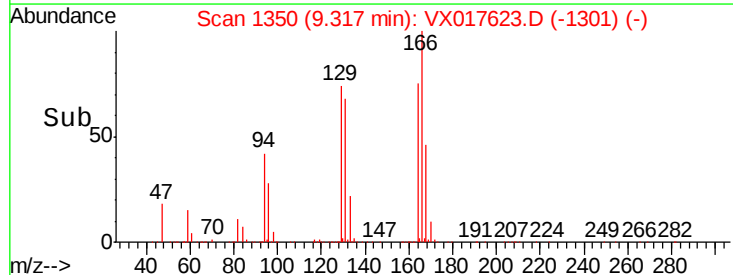
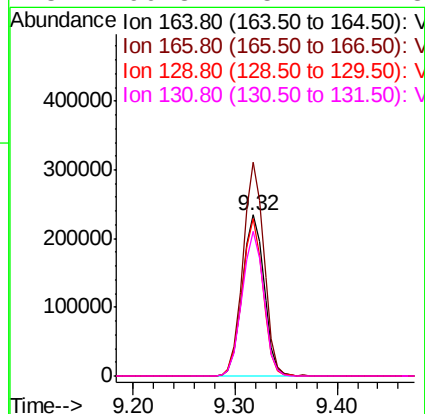
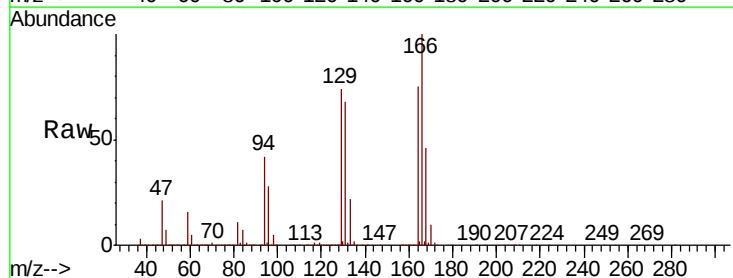
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

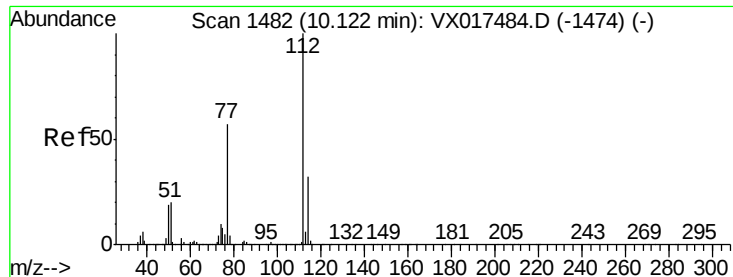
Tot Ion:117 Resp: 820615
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 46.600 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion:164 Resp: 343223
Ion Ratio Lower Upper
164 100
166 132.8 100.6 150.8
129 97.8 75.0 112.6
131 90.3 75.2 112.8

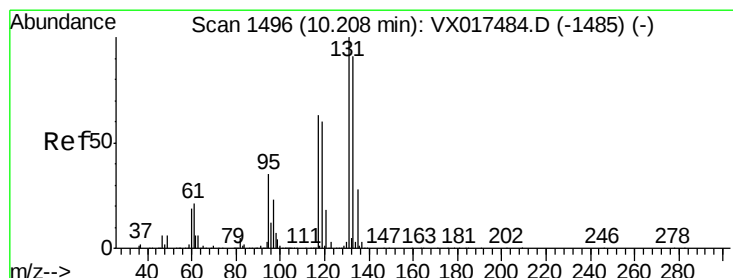
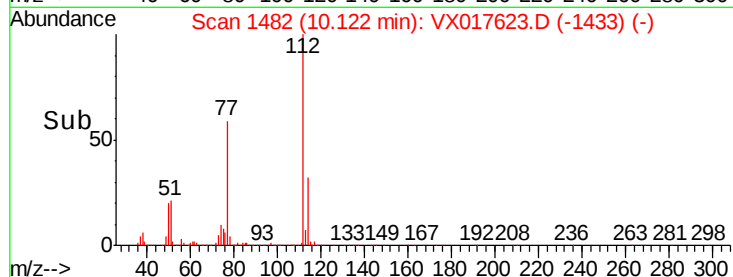
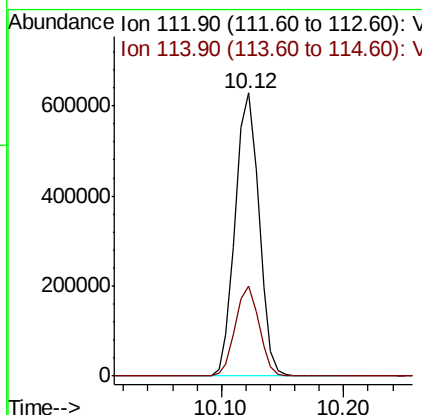
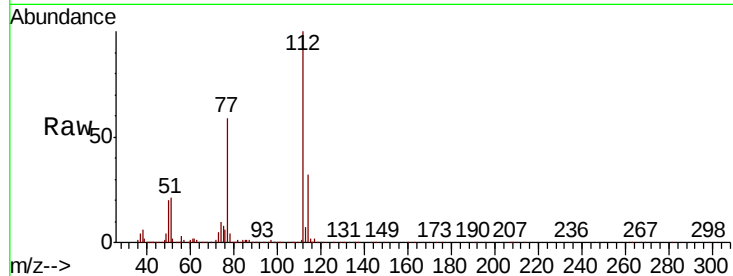




#65
Chlorobenzene
Concen: 47.576 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

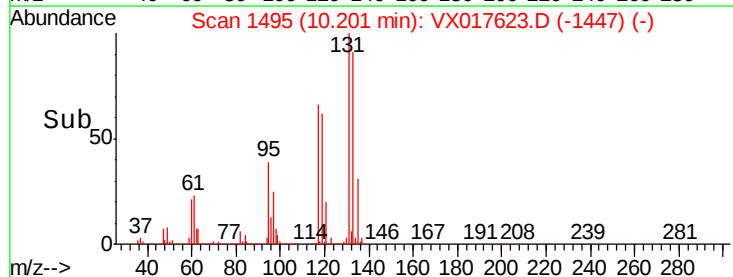
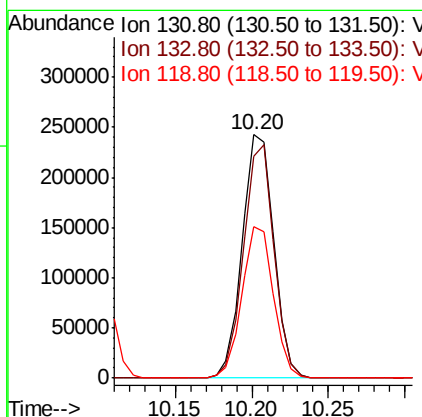
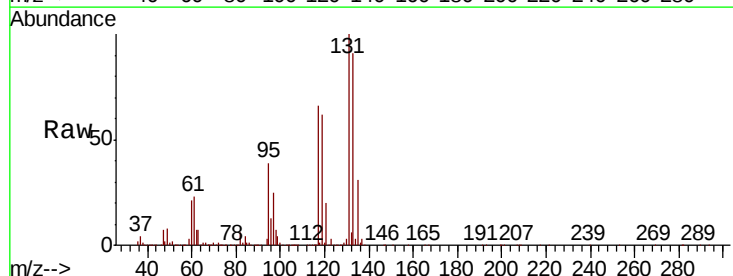
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

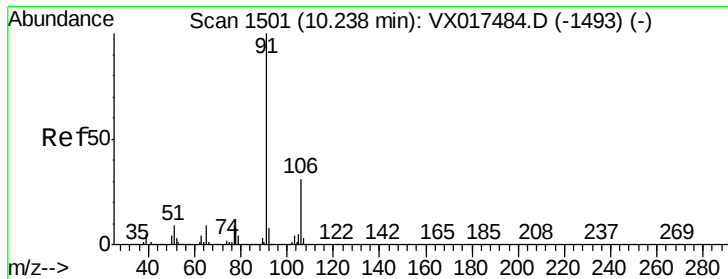
Tot Ion:112 Resp: 845061
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.515 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion:131 Resp: 347788
Ion Ratio Lower Upper
131 100
133 92.7 47.9 143.6
119 61.9 31.1 93.3





#67

Ethyl Benzene

Concen: 49.078 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

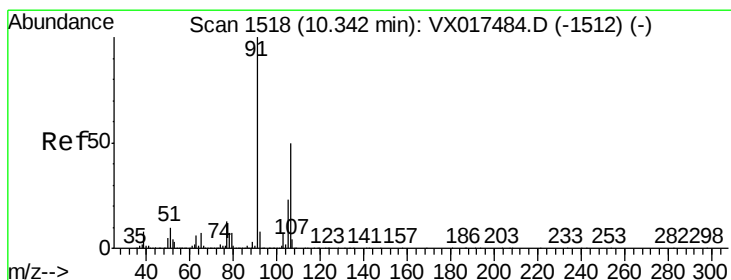
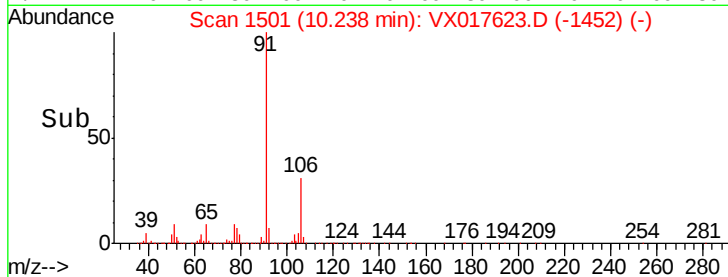
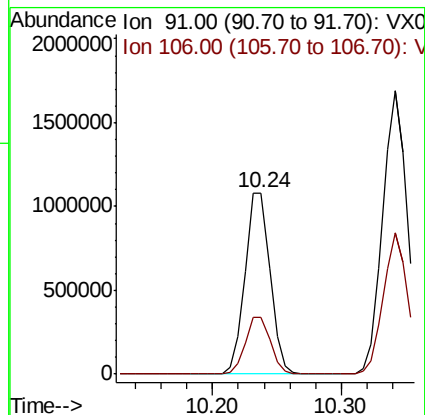
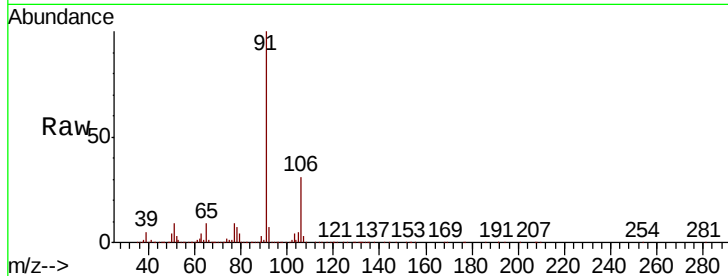
VSTDCCC050

Tot Ion: 91 Resp: 1455175

Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6



#68

m/p-Xylenes

Concen: 95.567 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017623.D

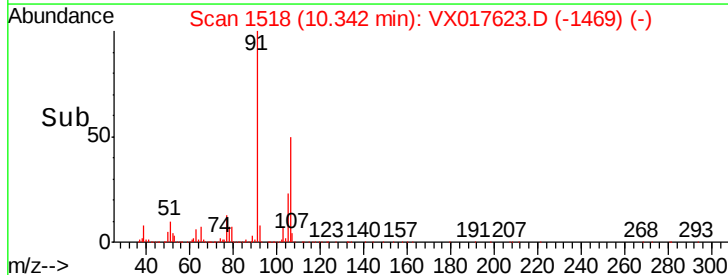
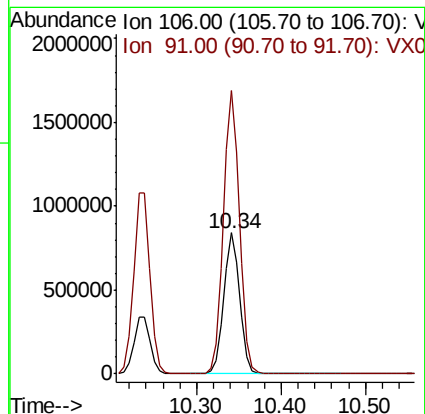
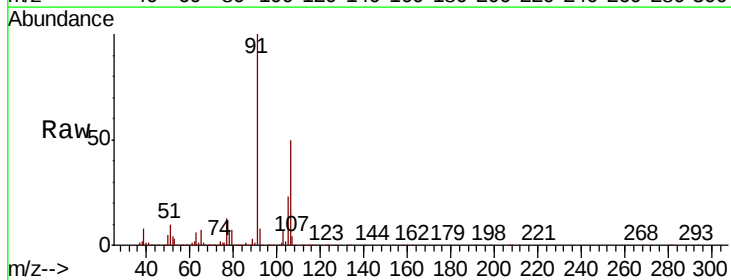
Acq: 27 Jul 2020 17:16

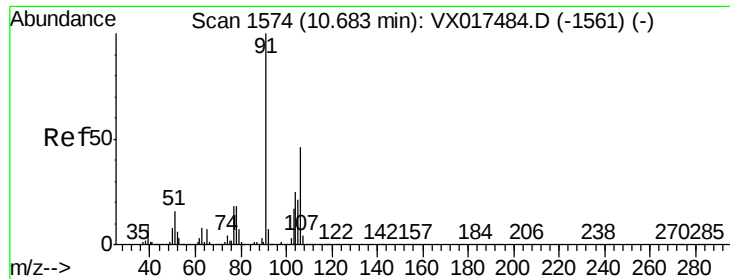
Tgt Ion: 106 Resp: 1097721

Ion Ratio Lower Upper

106 100

91 203.4 160.9 241.3

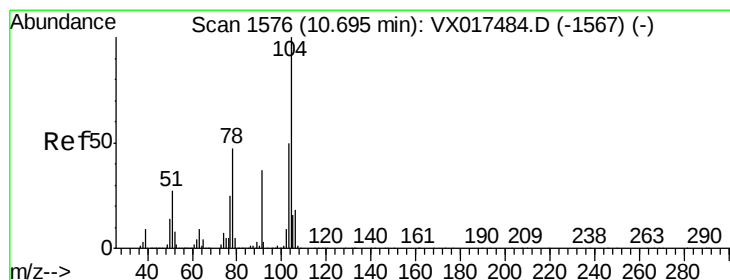
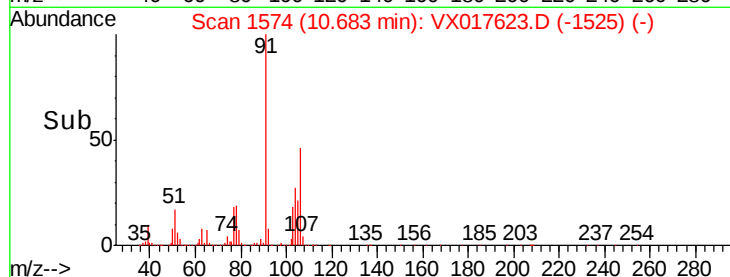
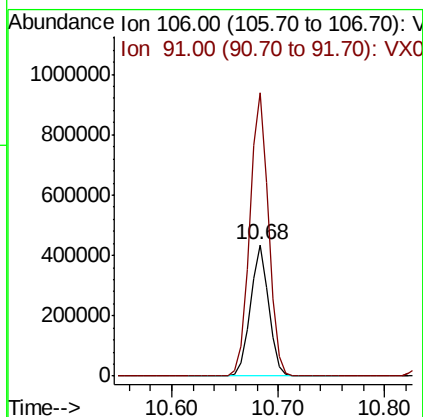
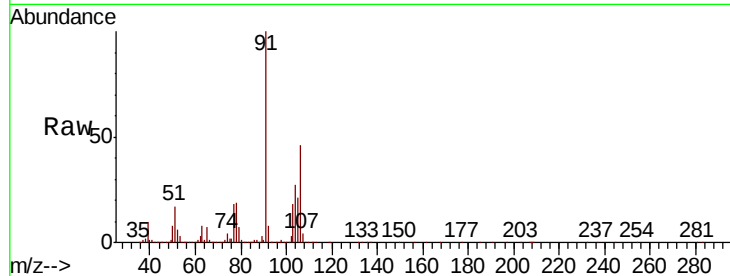




#69
o-Xylene
Concen: 47.433 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

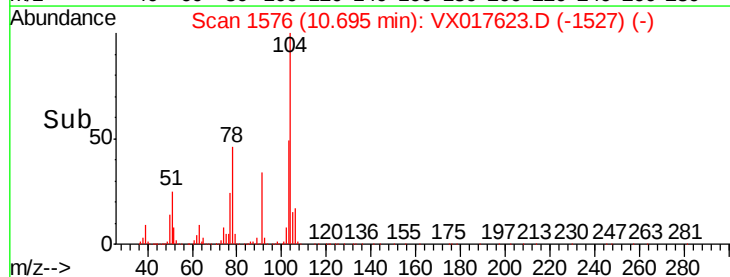
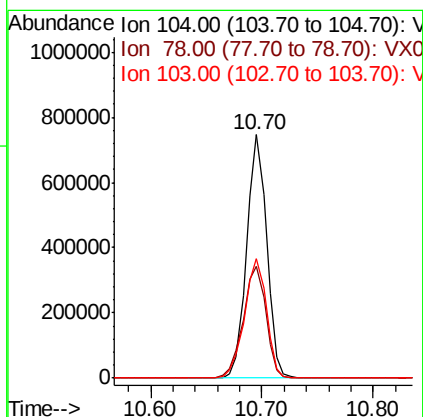
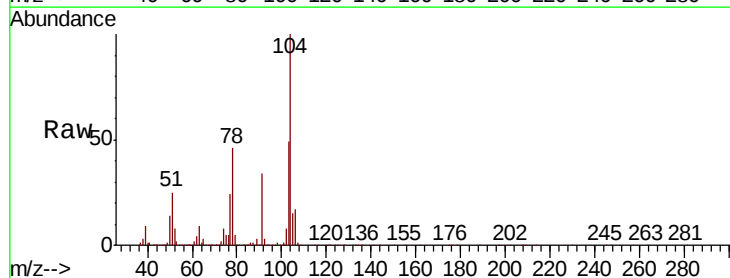
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

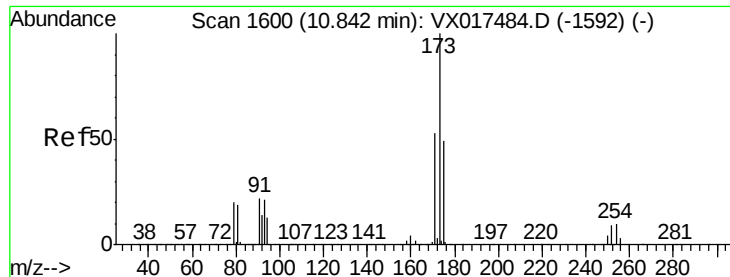
Tot Ion:106 Resp: 524011
Ion Ratio Lower Upper
106 100
91 220.4 108.2 324.6



#70
Styrene
Concen: 49.662 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion:104 Resp: 933456
Ion Ratio Lower Upper
104 100
78 52.3 42.5 63.7
103 54.2 44.3 66.5





#71

Bromoform

Concen: 46.845 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

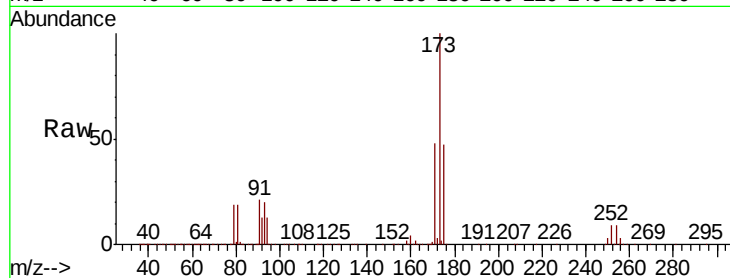
Tot Ion:173 Resp: 290943

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

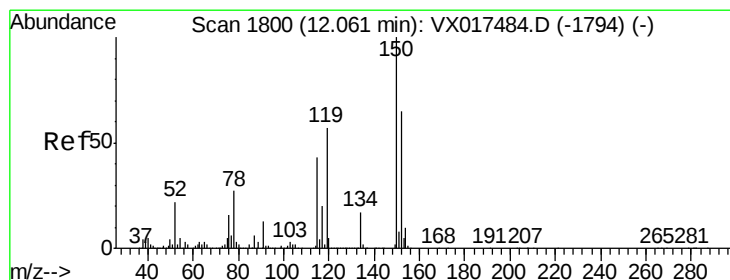
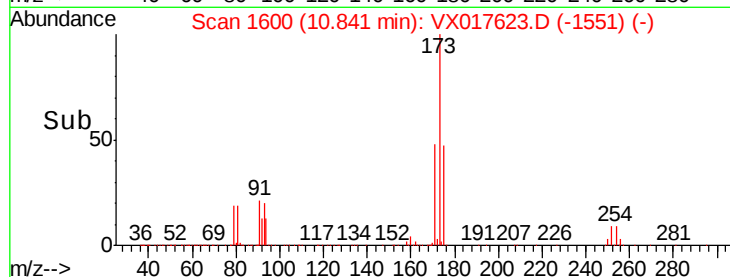
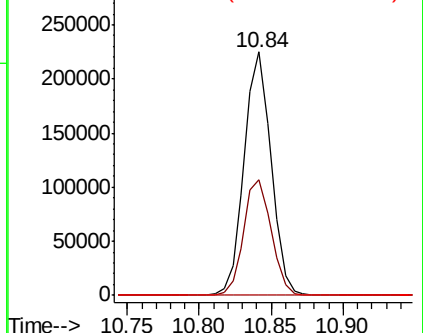
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

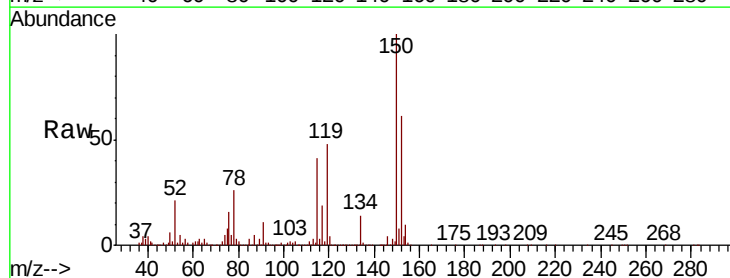
Tgt Ion:152 Resp: 413460

Ion Ratio Lower Upper

152 100

115 77.3 65.5 196.6

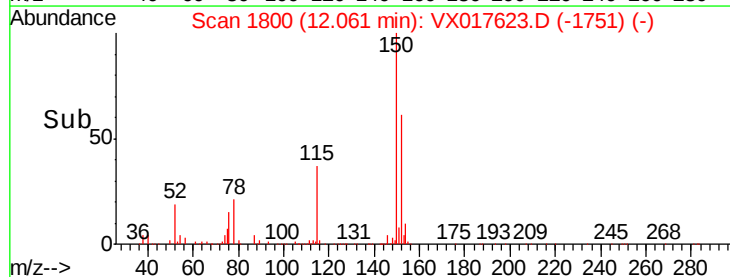
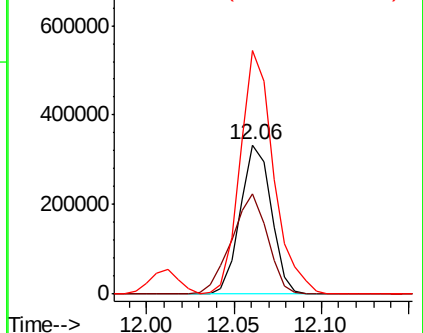
150 175.9 0.0 412.6

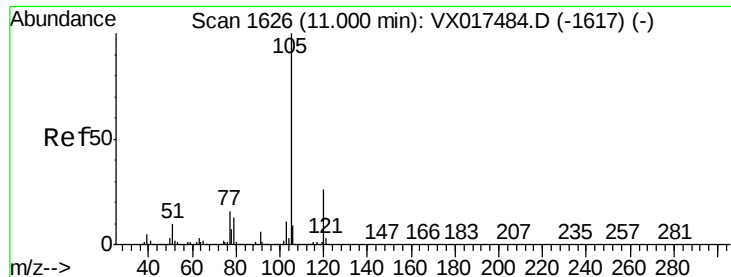


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.748 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

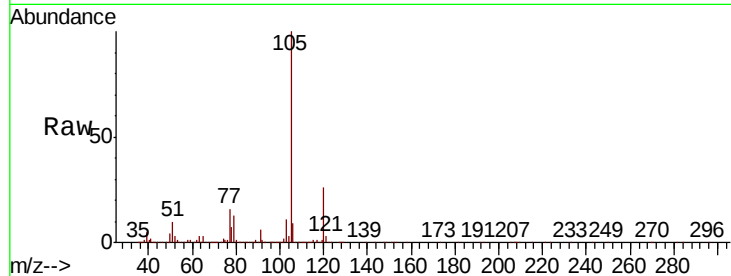
VSTDCCC050

Tot Ion:105 Resp: 1382694

Ion Ratio Lower Upper

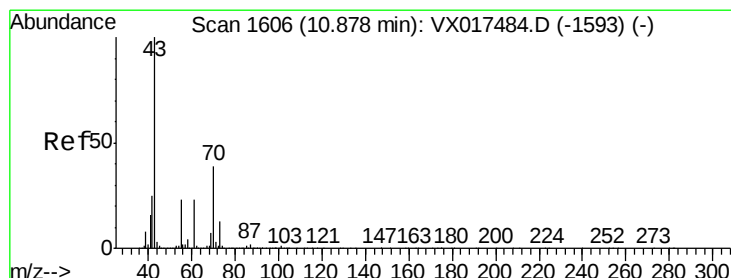
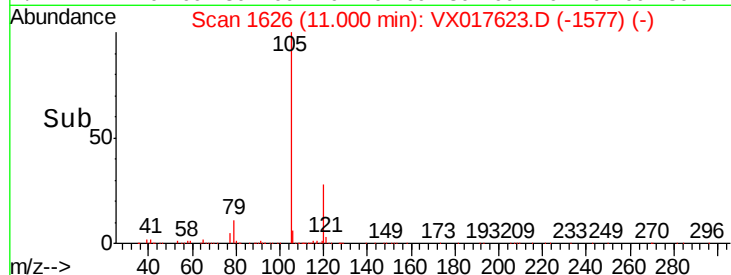
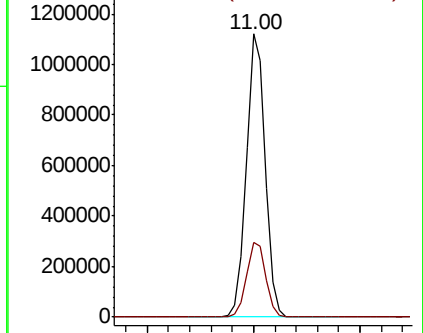
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.369 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Tgt Ion: 43 Resp: 634772

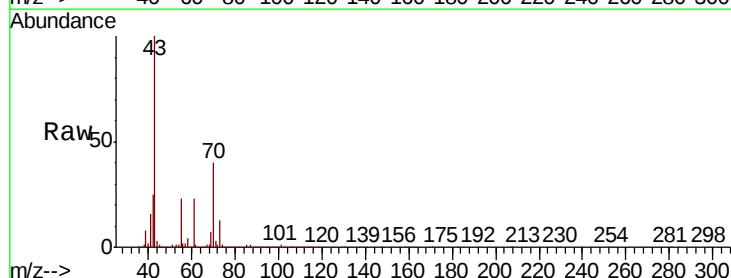
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.4 18.4 27.6

61 24.0 18.6 28.0

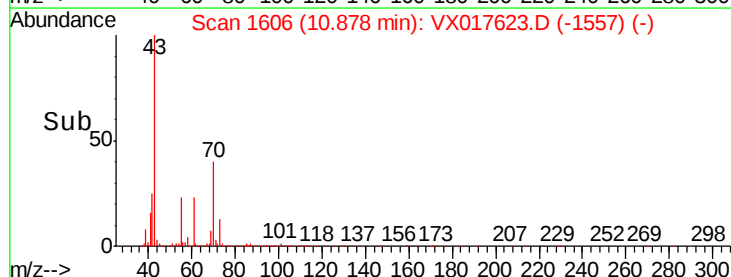
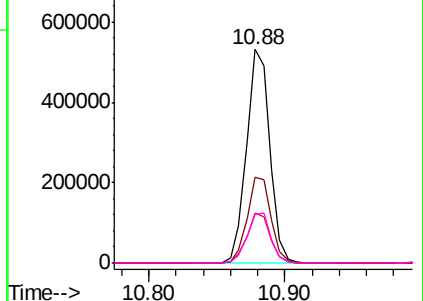


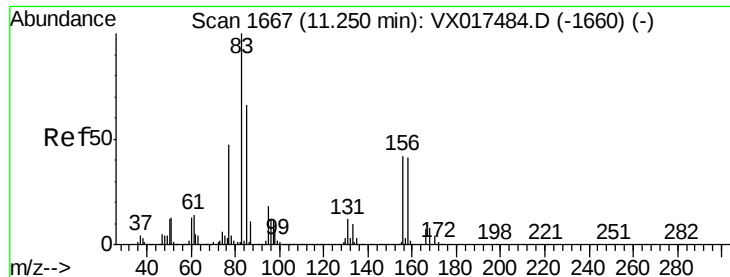
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.230 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

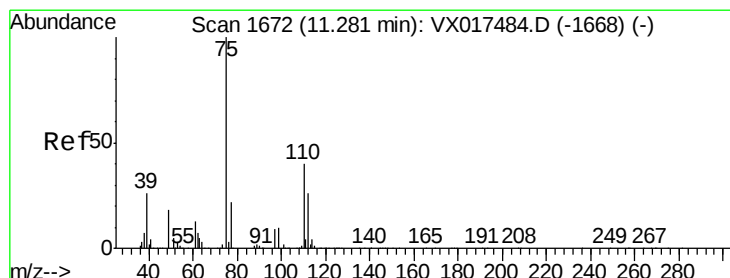
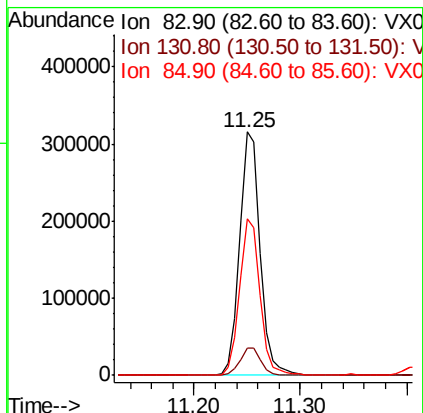
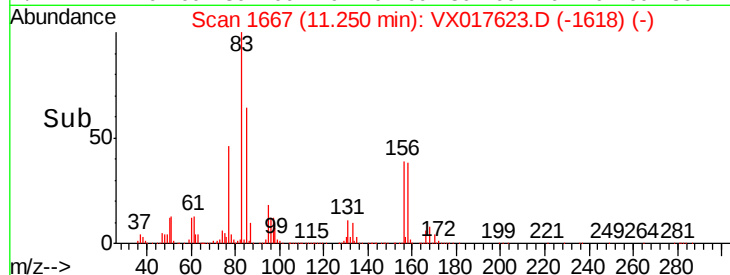
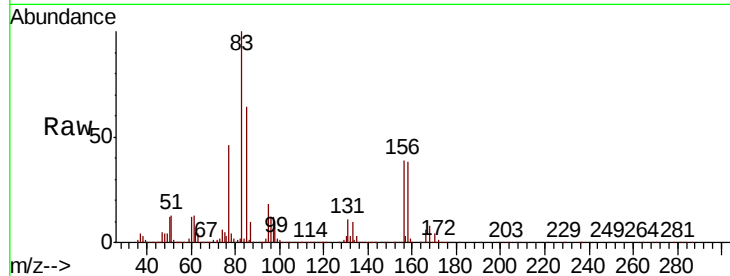
Tot Ion: 83 Resp: 426998

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 64.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 64.909 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017623.D

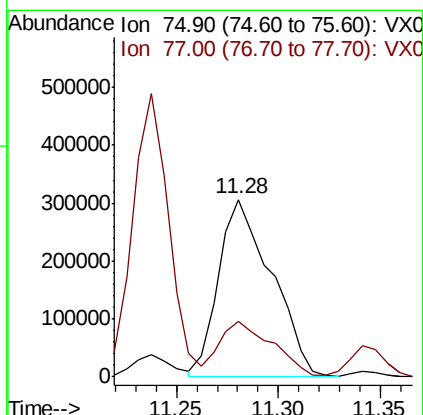
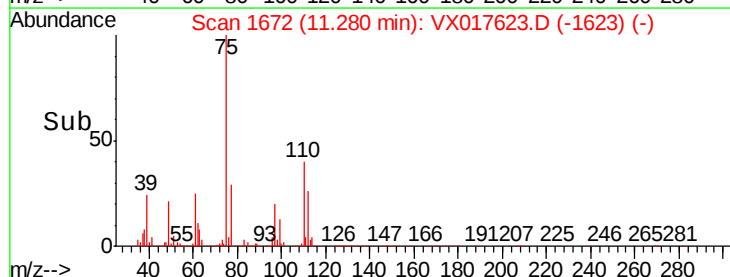
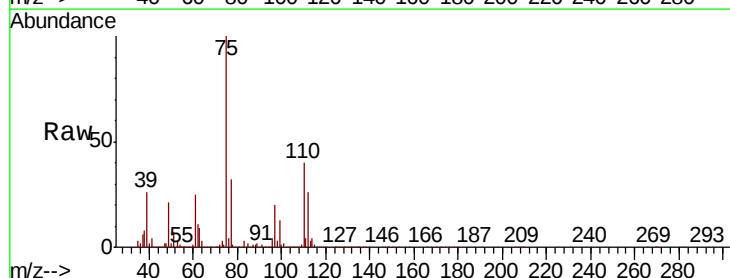
Acq: 27 Jul 2020 17:16

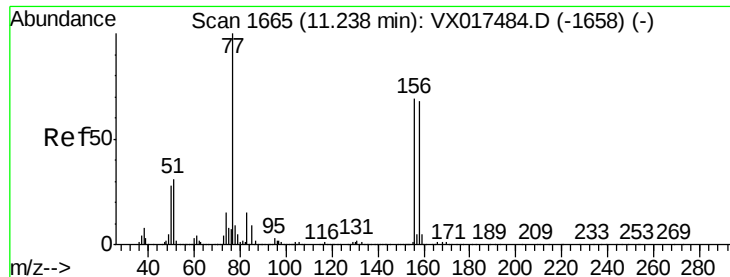
Tgt Ion: 75 Resp: 552056

Ion Ratio Lower Upper

75 100

77 31.3 21.8 65.3





#77

Bromobenzene

Concen: 50.107 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

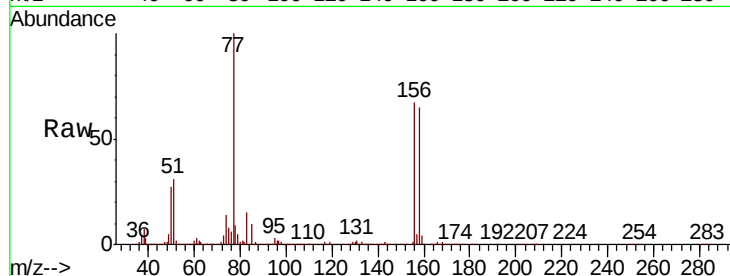
Tot Ion:156 Resp: 397881

Ion Ratio Lower Upper

156 100

77 151.1 75.0 225.0

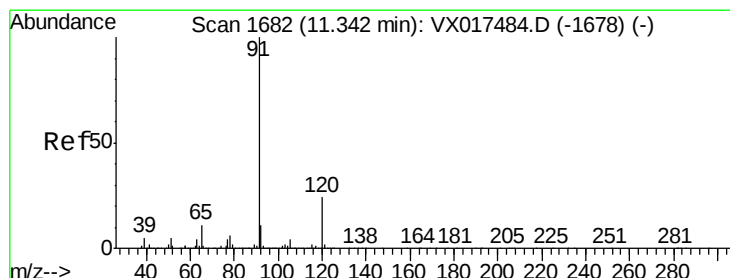
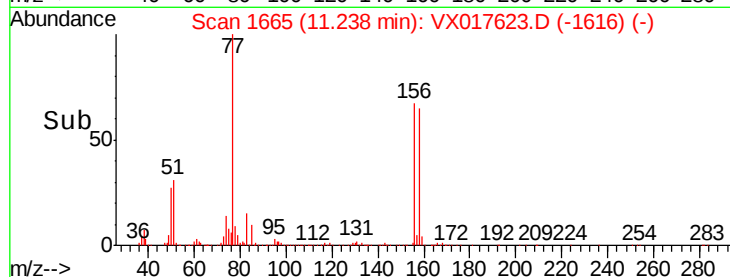
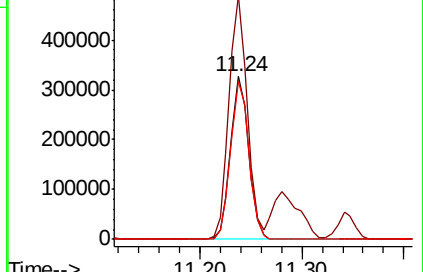
158 98.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.527 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017623.D

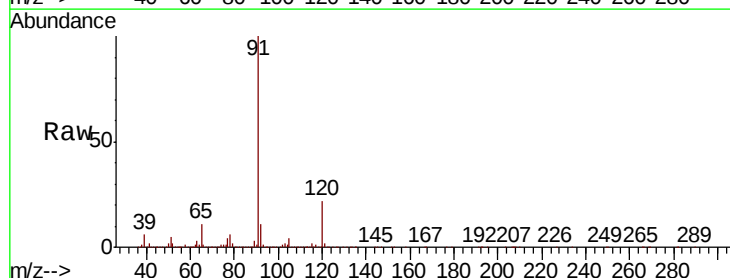
Acq: 27 Jul 2020 17:16

Tgt Ion: 91 Resp: 1520392

Ion Ratio Lower Upper

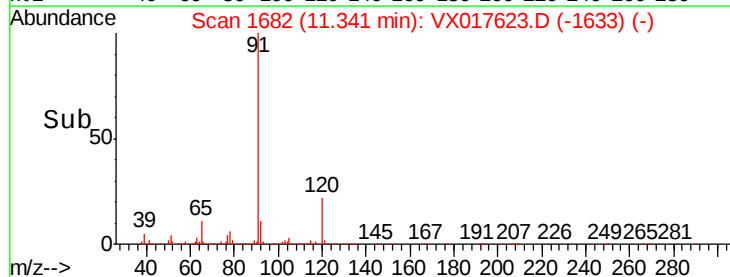
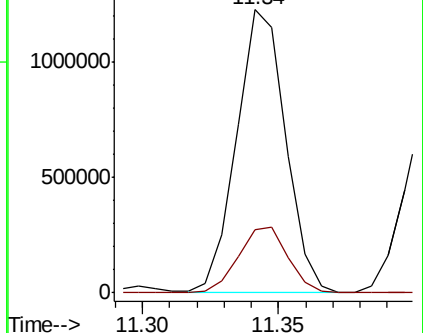
91 100

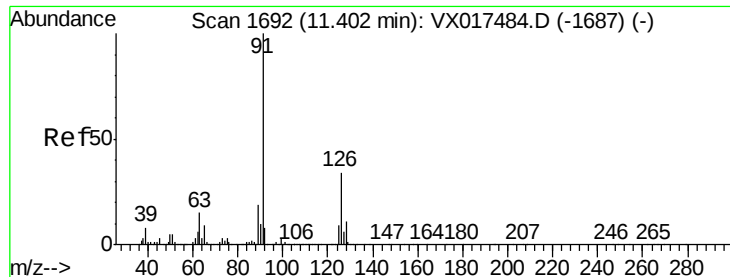
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.870 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

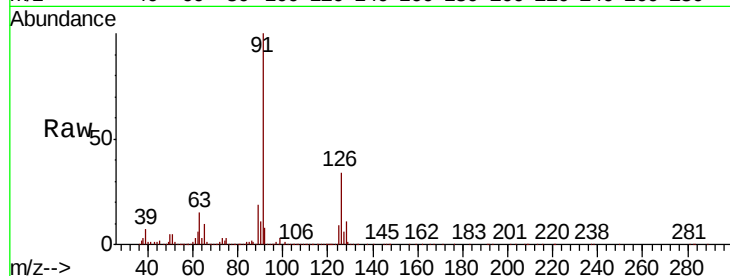
VSTDCCC050

Tot Ion: 91 Resp: 948624

Ion Ratio Lower Upper

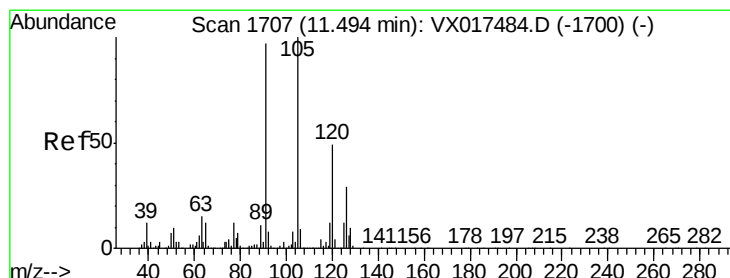
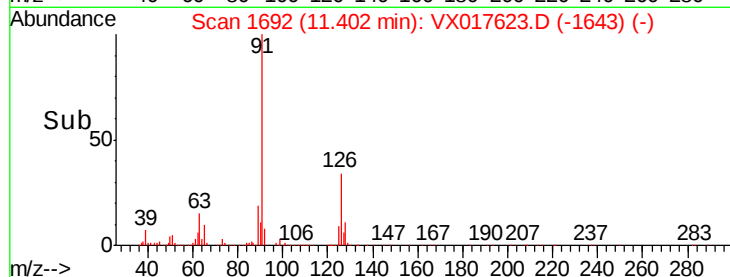
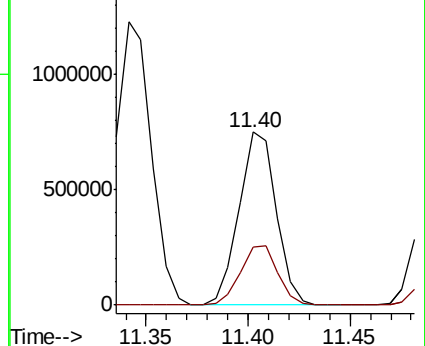
91 100

126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.956 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017623.D

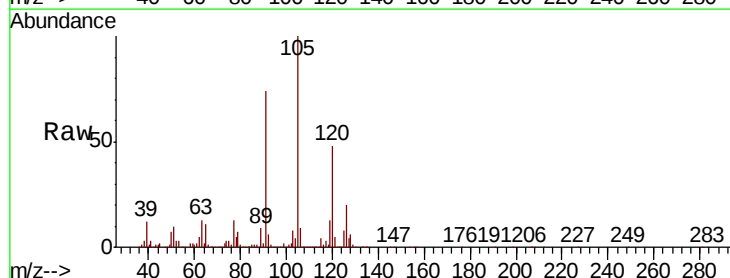
Acq: 27 Jul 2020 17:16

Tgt Ion: 105 Resp: 1137166

Ion Ratio Lower Upper

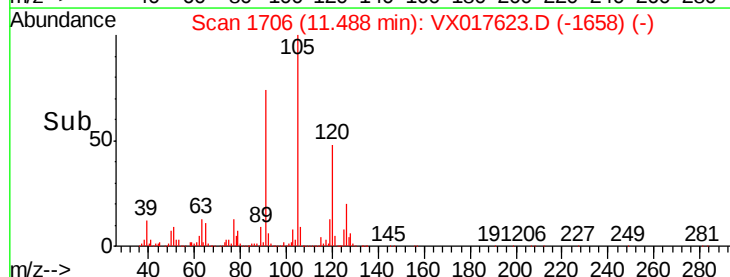
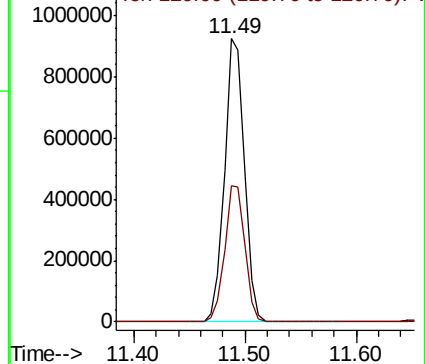
105 100

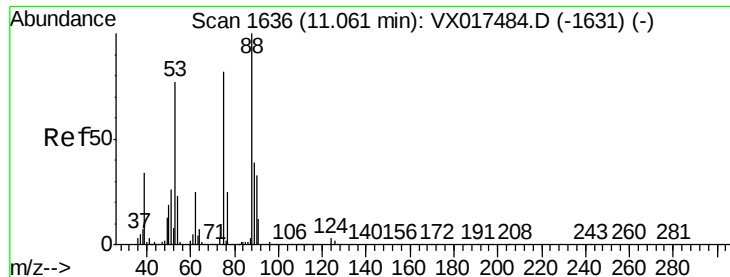
120 48.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.824 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

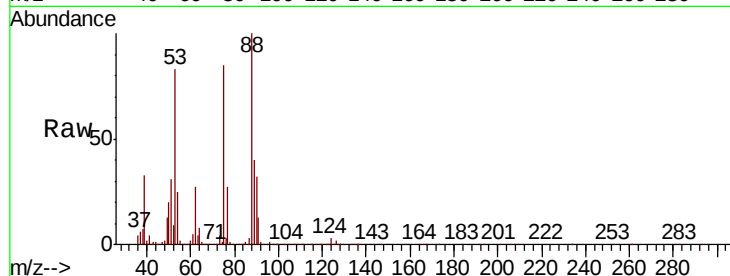
Tot Ion: 75 Resp: 164797

Ion Ratio Lower Upper

75 100

53 98.2 75.9 113.9

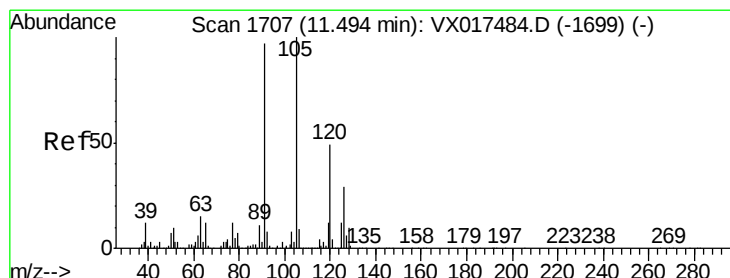
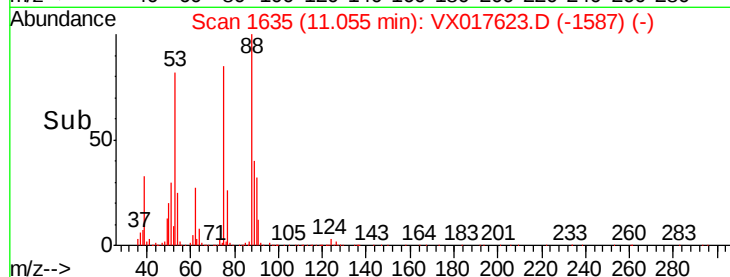
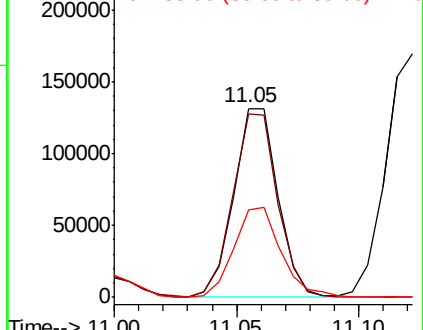
89 50.9 37.8 56.6



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: 48.612 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017623.D

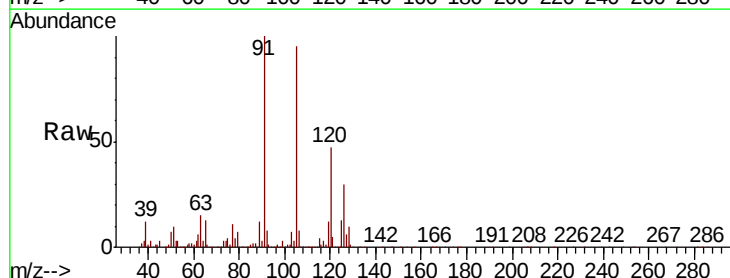
Acq: 27 Jul 2020 17:16

Tgt Ion: 91 Resp: 1136349

Ion Ratio Lower Upper

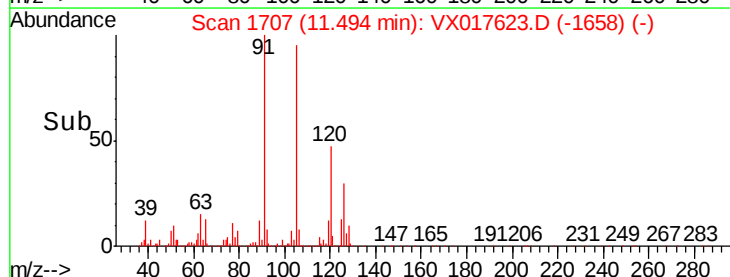
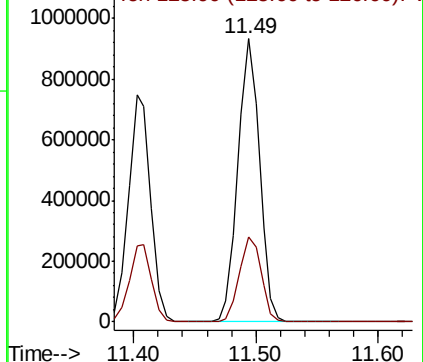
91 100

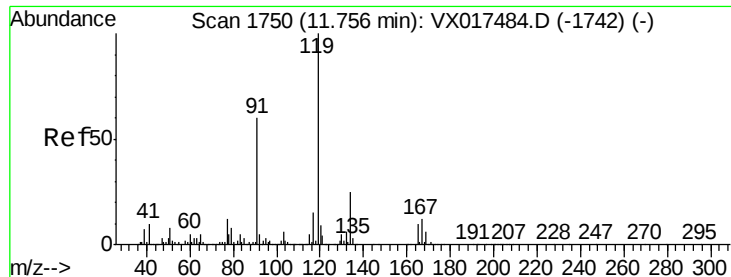
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



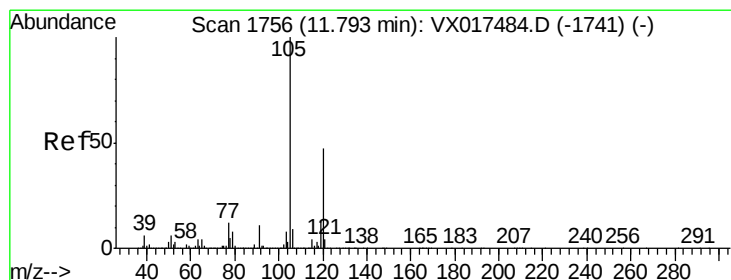
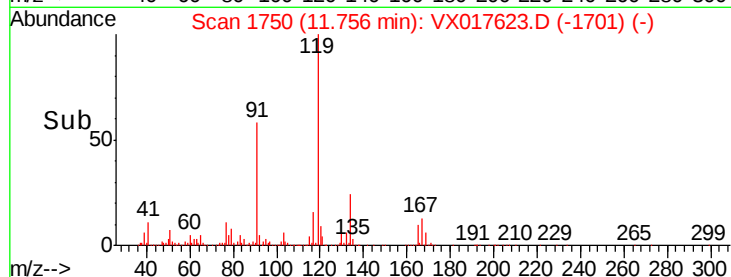
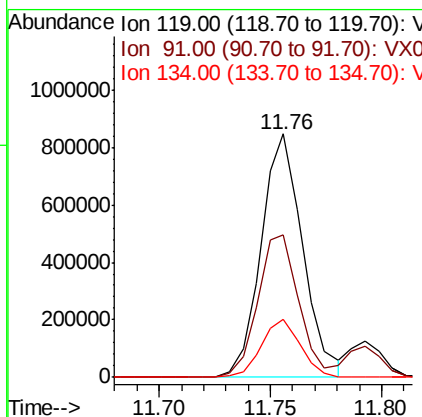
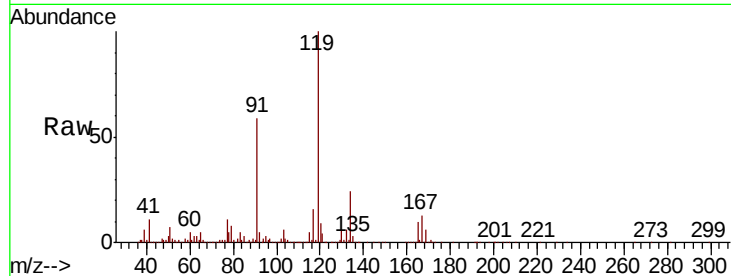


#83
 tert-Butylbenzene
 Concen: 47.396 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion:119 Resp: 1098305

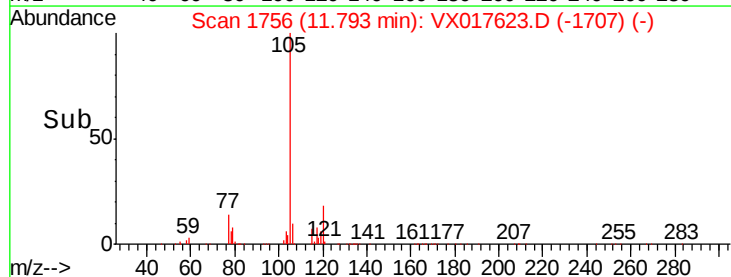
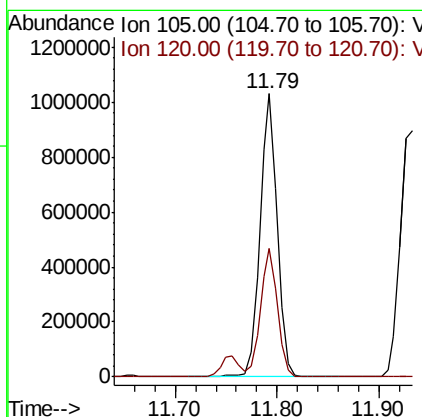
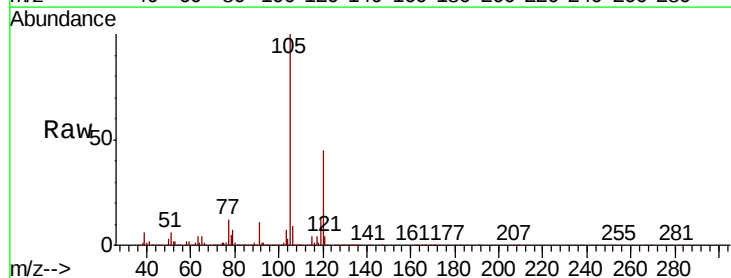
Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.3	88.0
134	22.4	11.2	33.6

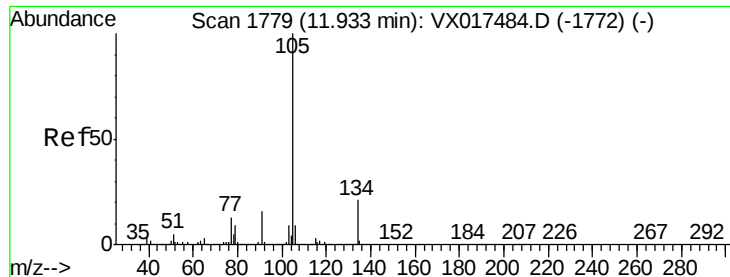


#84
 1,2,4-Trimethylbenzene
 Concen: 50.793 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion:105 Resp: 1223475

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





#85

sec-Butylbenzene

Concen: 42.182 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

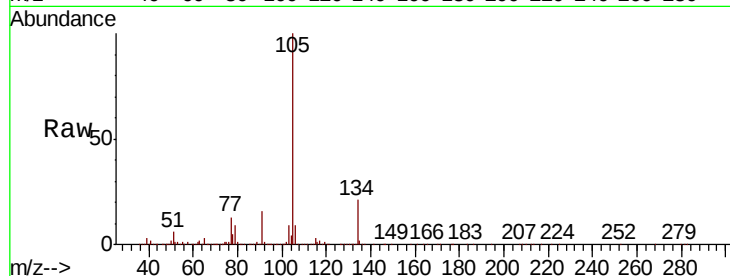
VSTDCCC050

Tot Ion:105 Resp: 1138691

Ion Ratio Lower Upper

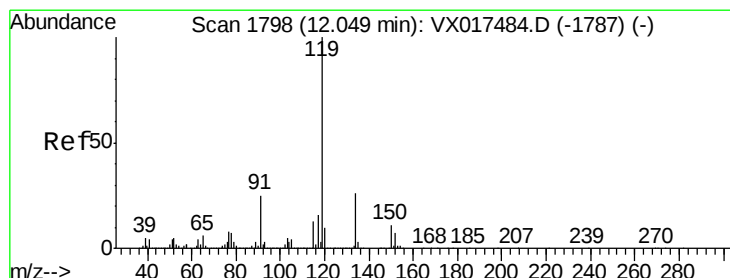
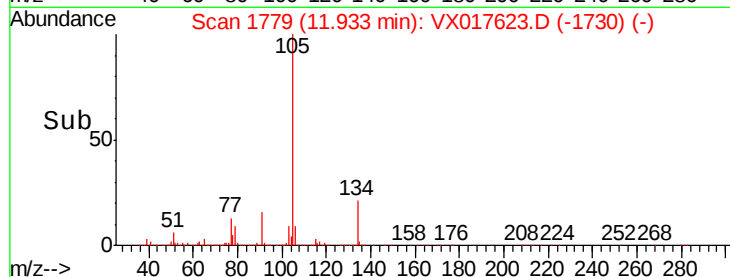
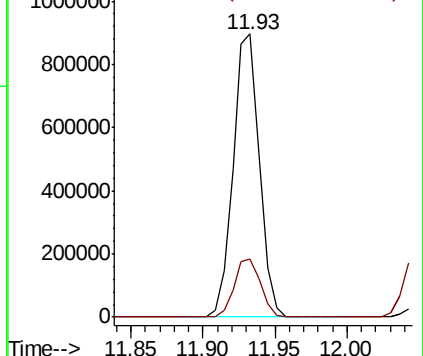
105 100

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: 42.443 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

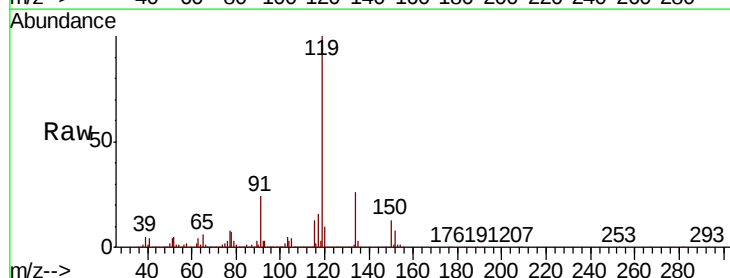
Tgt Ion:119 Resp: 1091089

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

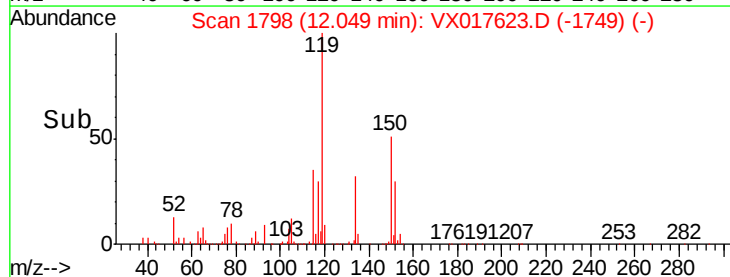
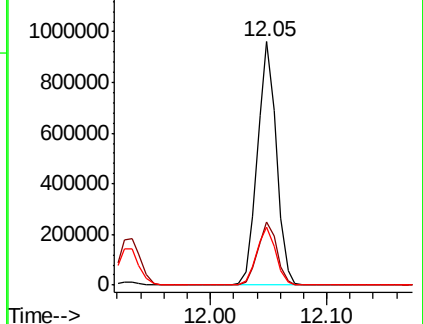
91 24.1 12.1 36.3

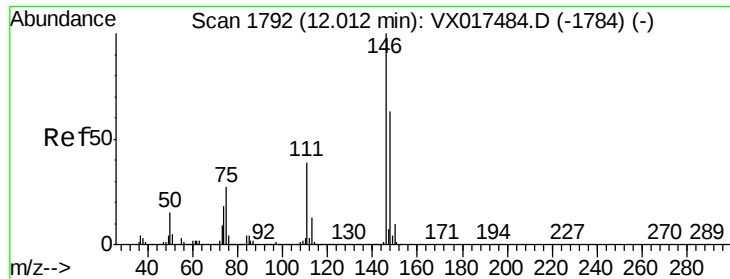


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.337 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

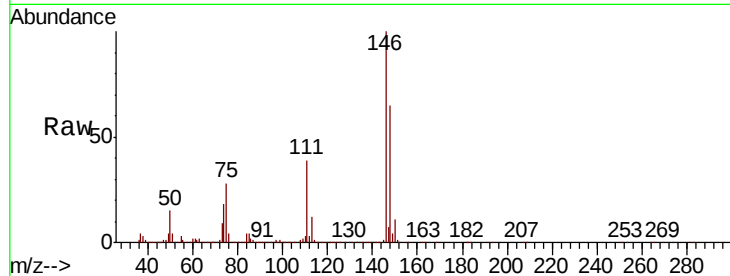
Tot Ion:146 Resp: 659124

Ion Ratio Lower Upper

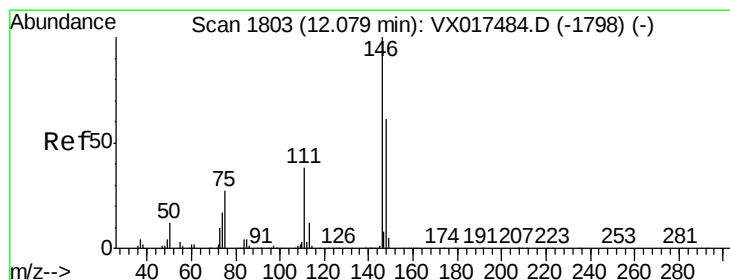
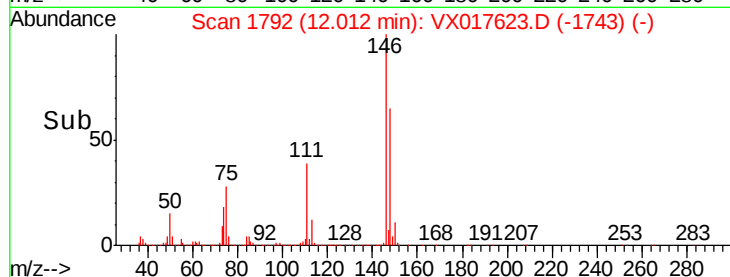
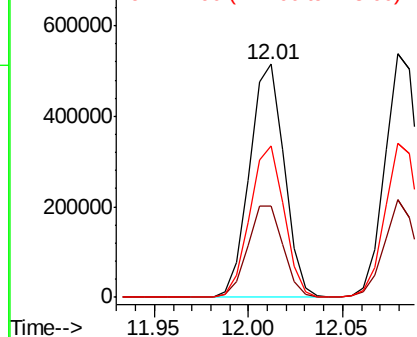
146 100

111 40.1 19.9 59.7

148 64.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.524 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

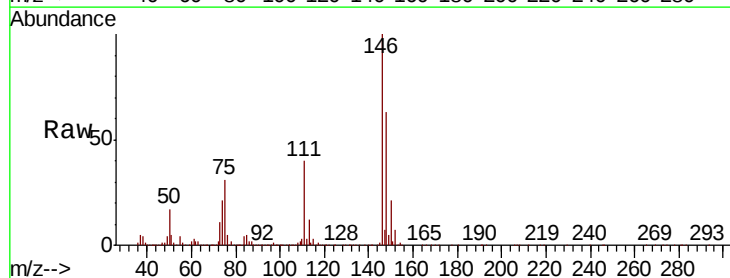
Tgt Ion:146 Resp: 671248

Ion Ratio Lower Upper

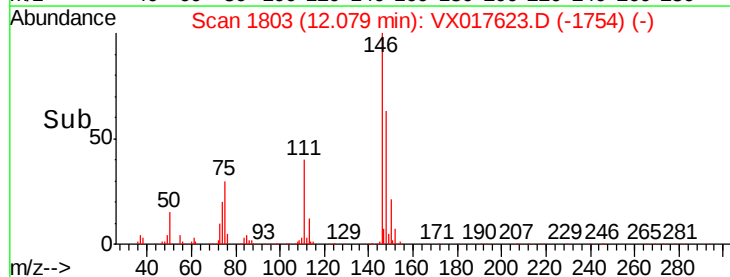
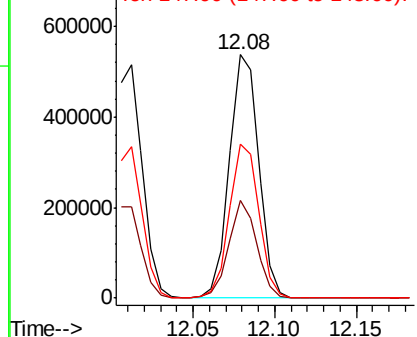
146 100

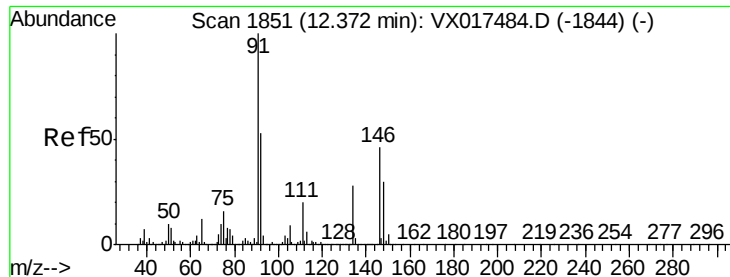
111 38.4 19.3 57.8

148 63.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

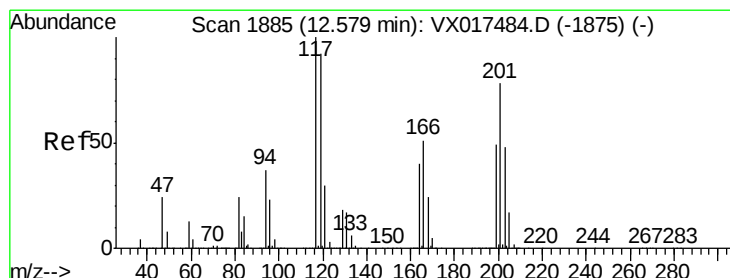
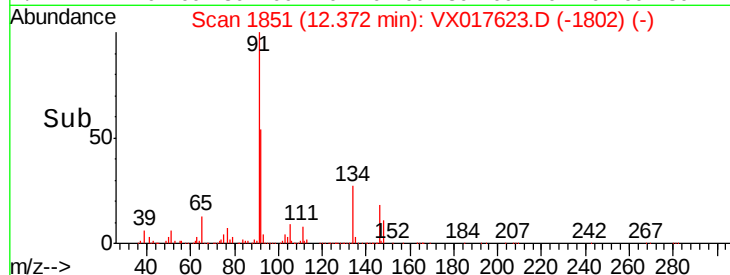
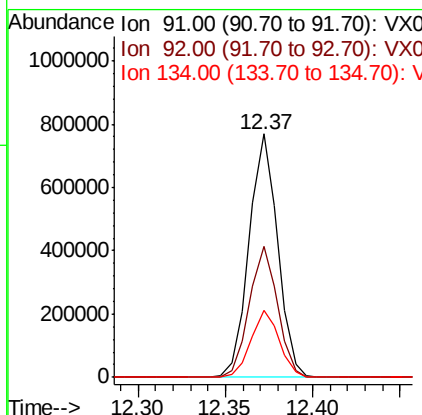
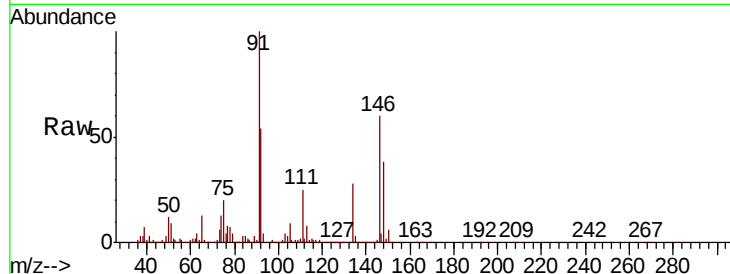




#89
n-Butylbenzene
Concen: 38.034 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

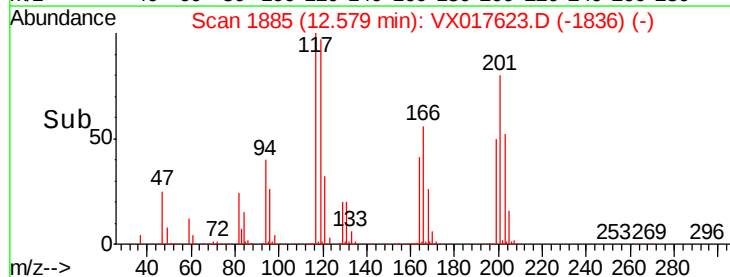
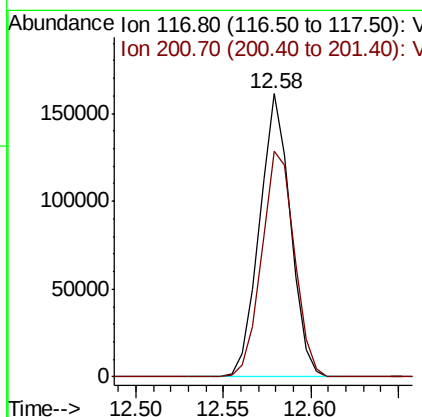
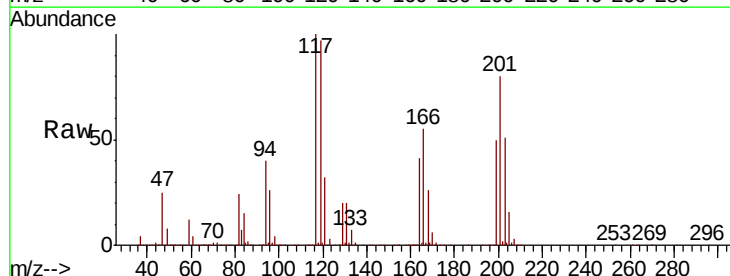
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

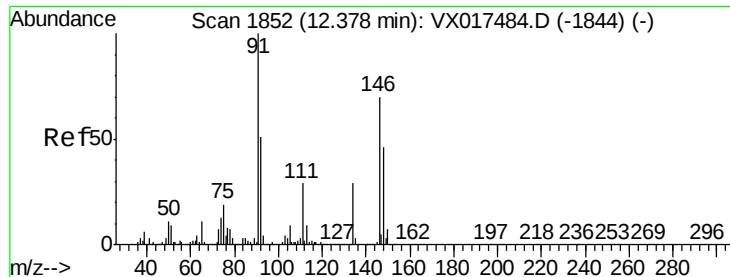
Tot Ion: 91 Resp: 871225
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 39.135 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017623.D
Acq: 27 Jul 2020 17:16

Tgt Ion: 117 Resp: 198340
Ion Ratio Lower Upper
117 100
201 84.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.411 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

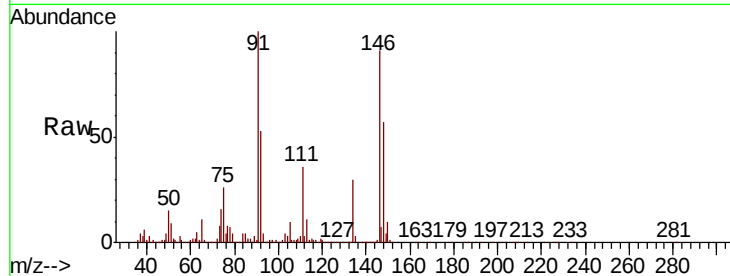
Tot Ion:146 Resp: 635391

Ion Ratio Lower Upper

146 100

111 40.2 20.9 62.8

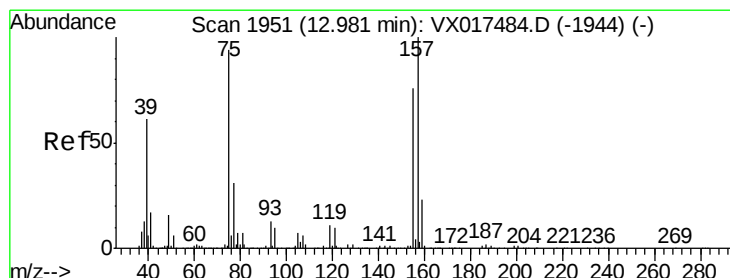
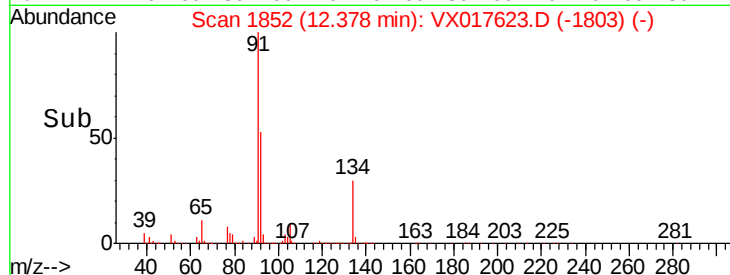
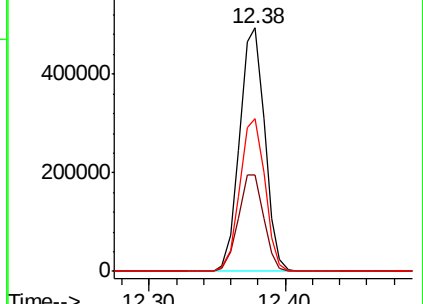
148 62.8 32.8 98.4



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: 45.567 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

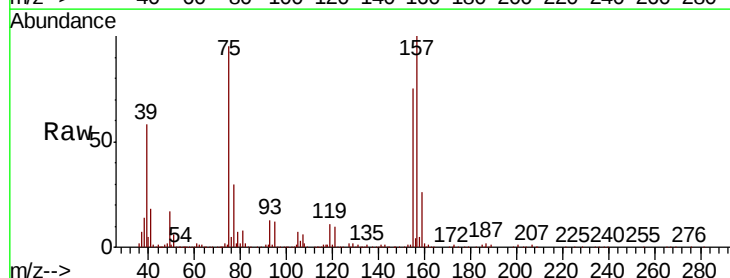
Tgt Ion: 75 Resp: 113485

Ion Ratio Lower Upper

75 100

155 85.3 42.3 126.8

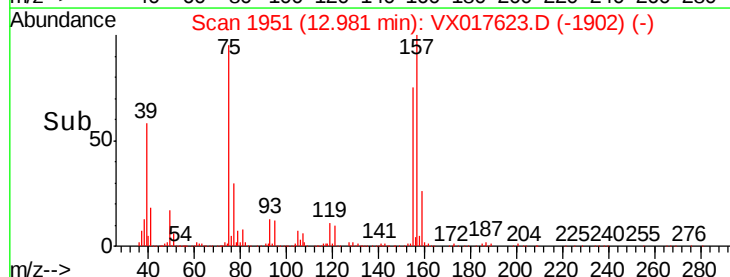
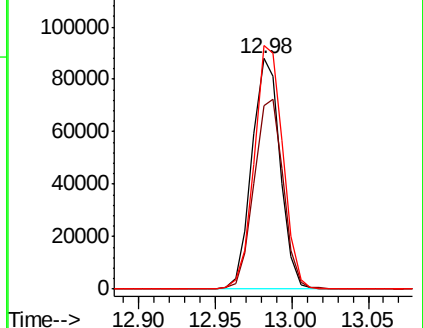
157 106.8 54.3 162.9

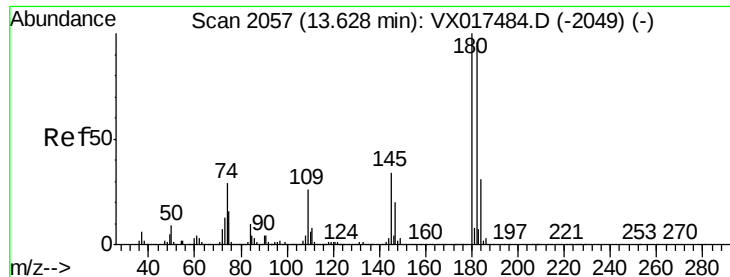


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

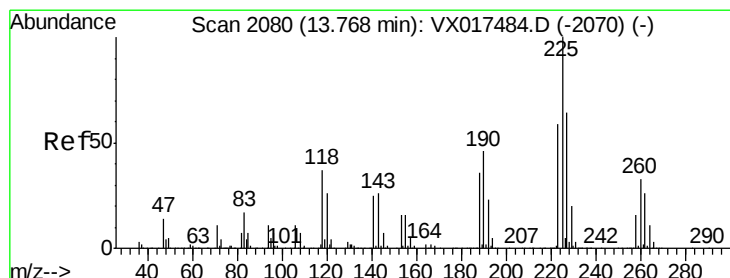
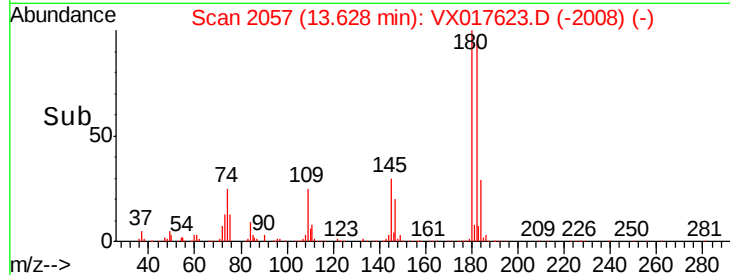
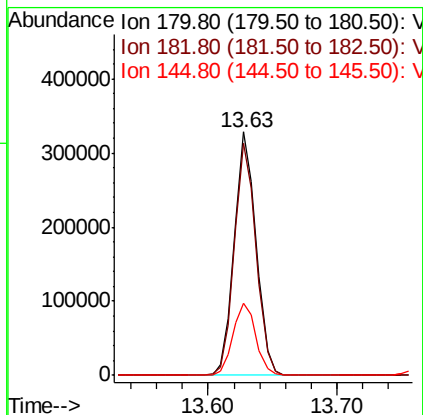
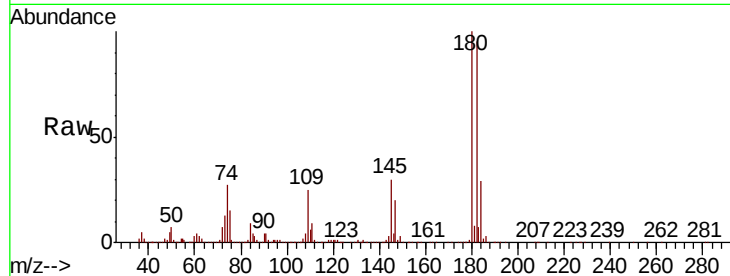




#93
 1,2,4-Trichlorobenzene
 Concen: 42.673 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

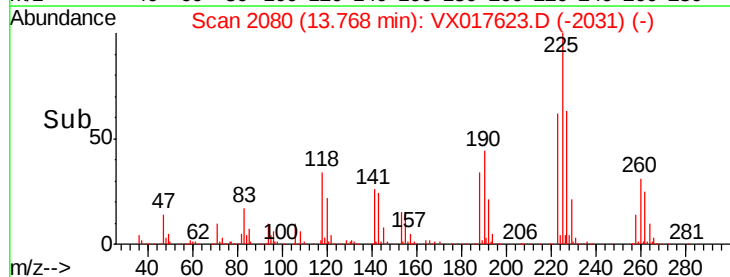
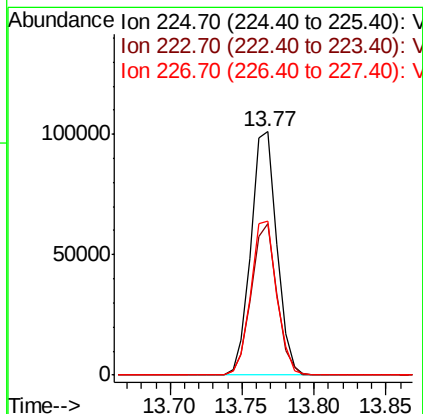
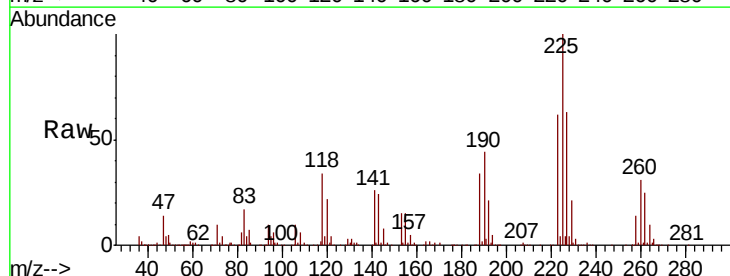
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

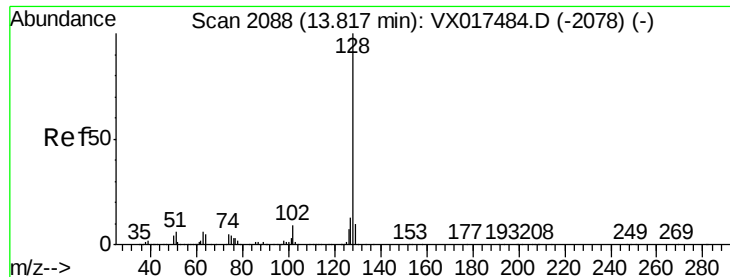
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 29.577 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017623.D
 Acq: 27 Jul 2020 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.3	90.9
227	63.4	31.1	93.2





#95

Naphthalene

Concen: 47.933 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

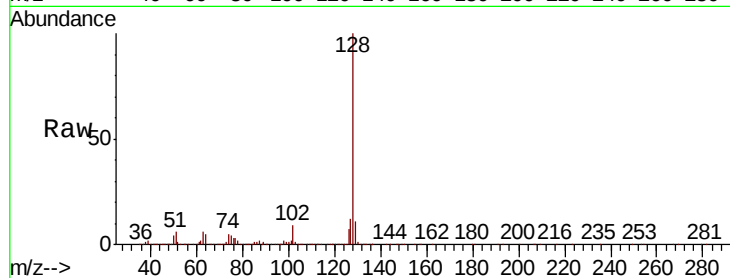
Tot Ion:128 Resp: 1308778

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

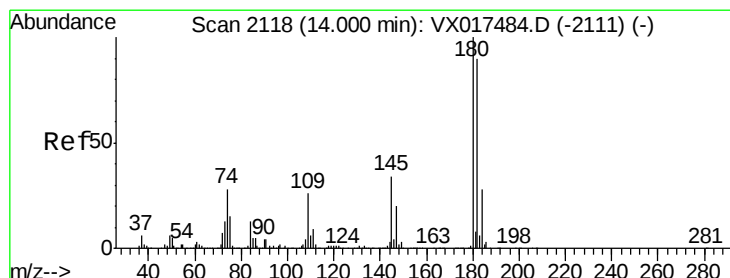
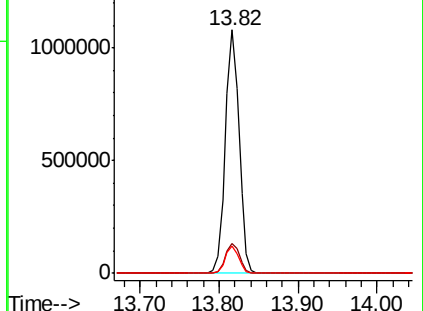
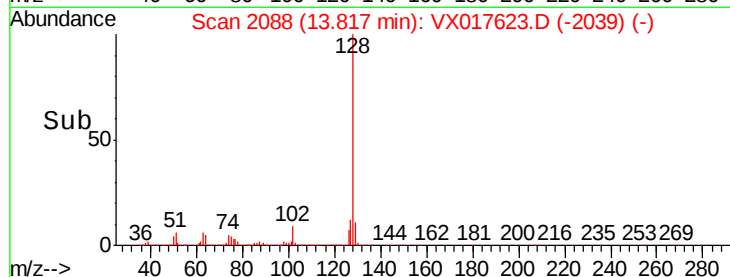
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 42.272 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017623.D

Acq: 27 Jul 2020 17:16

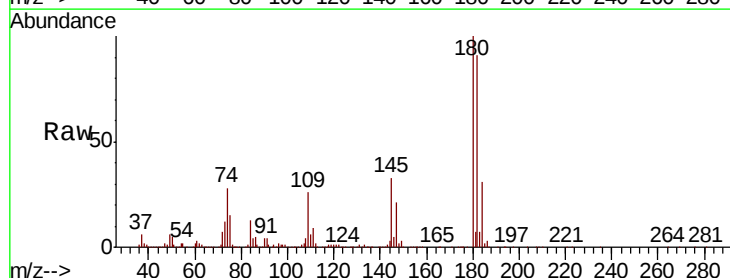
Tgt Ion:180 Resp: 381765

Ion Ratio Lower Upper

180 100

182 92.8 47.4 142.3

145 32.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

