

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017715.D
 Acq On : 31 Jul 2020 21:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 02:52:38 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	5.64	168	397906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	693820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	332044	64.96	ug/l	0.00
Spiked Amount			Recovery	=	129.92%	
35) Dibromofluoromethane	5.47	113	261006	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
50) Toluene-d8	8.70	98	839222	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	341036	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	120346	32.238	ug/l	100
3) Chloromethane	1.31	50	250325	50.888	ug/l	100
4) Vinyl Chloride	1.39	62	213372	42.613	ug/l	96
5) Bromomethane	1.62	94	152649	57.155	ug/l	98
6) Chloroethane	1.70	64	149906	54.359	ug/l	99
7) Trichlorofluoromethane	1.91	101	296225	37.613	ug/l	99
8) Diethyl Ether	2.17	74	160832	63.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133276	30.837	ug/l	97
10) Methyl Iodide	2.49	142	289073	52.281	ug/l	96
11) Tert butyl alcohol	3.03	59	336645	312.505	ug/l	100
12) 1,1-Dichloroethene	2.36	96	183214	44.578	ug/l	96
13) Acrolein	2.28	56	301759	364.957	ug/l	98
14) Allyl chloride	2.71	41	417435	55.624	ug/l	99
15) Acrylonitrile	3.12	53	778052	334.398	ug/l	100
16) Acetone	2.42	43	704548	313.181	ug/l	98
17) Carbon Disulfide	2.55	76	526554	42.151	ug/l	100
18) Methyl Acetate	2.75	43	362878	68.490	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	882433	62.033	ug/l	100
20) Methylene Chloride	2.83	84	275646	65.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	233964	53.138	ug/l	97
22) Diisopropyl ether	3.83	45	862387	62.847	ug/l	97
23) Vinyl Acetate	3.79	43	3998183	326.787	ug/l	100
24) 1,1-Dichloroethane	3.67	63	464845	58.807	ug/l	99
25) 2-Butanone	4.64	43	1084850	339.454	ug/l	98
26) 2,2-Dichloropropane	4.55	77	357762	50.562	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	287599	60.139	ug/l	98
28) Bromochloromethane	4.98	49	228029	63.659	ug/l	98
29) Tetrahydrofuran	5.09	42	697386	352.286	ug/l	99
30) Chloroform	5.18	83	510367	63.189	ug/l	99
31) Cyclohexane	5.55	56	225203	35.727	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	409811	53.807	ug/l	99
36) 1,1-Dichloropropene	5.77	75	288008	43.281	ug/l	98
37) Ethyl Acetate	4.80	43	418846	57.527	ug/l	99
38) Carbon Tetrachloride	5.75	117	344092	42.581	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	196343	25.275	ug/l	95
40) Benzene	6.12	78	970919	50.893	ug/l	98
41) Methacrylonitrile	5.01	41	240168	57.548	ug/l	99
42) 1,2-Dichloroethane	6.17	62	429708	55.057	ug/l	99
43) Isopropyl Acetate	6.42	43	676705	56.331	ug/l	99
44) Trichloroethene	7.19	130	270836	48.578	ug/l	98
45) 1,2-Dichloropropane	7.49	63	270770	51.198	ug/l	99
46) Dibromomethane	7.64	93	199020	53.249	ug/l	98
47) Bromodichloromethane	7.88	83	407948	54.245	ug/l	100
48) Methyl methacrylate	7.75	41	330973	55.581	ug/l	97
49) 1,4-Dioxane	7.72	88	134194	1175.420	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2110905	294.501	ug/l	99
52) Toluene	8.77	92	614386	50.216	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459771	54.614	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	462044	53.808	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289518	56.804	ug/l	99
56) Ethyl methacrylate	9.16	69	441839	57.541	ug/l	99
57) 1,3-Dichloropropane	9.35	76	469176	55.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1084185	267.999	ug/l	98
59) 2-Hexanone	9.48	43	1575853	292.014	ug/l	100
60) Dibromochloromethane	9.57	129	357118	55.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	313280	57.734	ug/l	100
64) Tetrachloroethene	9.32	164	259483	42.427	ug/l	97
65) Chlorobenzene	10.12	112	710095	48.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	310359	52.137	ug/l	97
67) Ethyl Benzene	10.24	91	1155984	46.951	ug/l	99
68) m/p-Xylenes	10.34	106	875453	91.784	ug/l	95
69) o-Xylene	10.68	106	437490	47.690	ug/l	99
70) Styrene	10.70	104	798638	51.168	ug/l	99
71) Bromoform	10.84	173	281436	54.570	ug/l #	99
73) Isopropylbenzene	11.00	105	1107501	42.238	ug/l	99
74) N-amyl acetate	10.88	43	564893	48.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	401103	49.009	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	518580	65.958	ug/l	81
77) Bromobenzene	11.24	156	341902	46.578	ug/l	98
78) n-propylbenzene	11.35	91	1273200	43.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	853214	46.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1018354	45.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	151142	48.439	ug/l	99
82) 4-Chlorotoluene	11.49	91	1018415	47.129	ug/l	99
83) tert-Butylbenzene	11.76	119	907897	42.382	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1039196	46.670	ug/l	99
85) sec-Butylbenzene	11.93	105	994832	39.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1008379	42.433	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	583290	46.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612620	46.920	ug/l	99
89) n-Butylbenzene	12.37	91	779886	36.830	ug/l	99
90) Hexachloroethane	12.58	117	202644	43.253	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	574624	46.382	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108725	47.131	ug/l	99

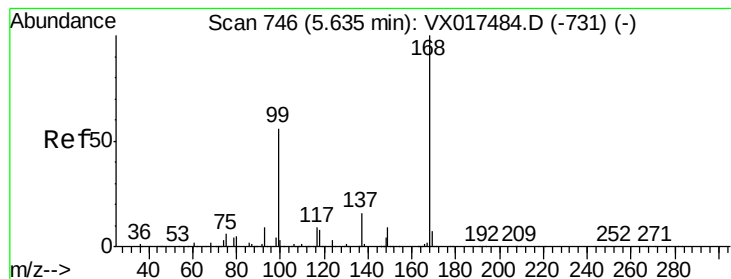
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380275	44.975	ug/l	100
94) Hexachlorobutadiene	13.77	225	131265	33.726	ug/l	99
95) Naphthalene	13.82	128	1299462	51.483	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	412177	49.370	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

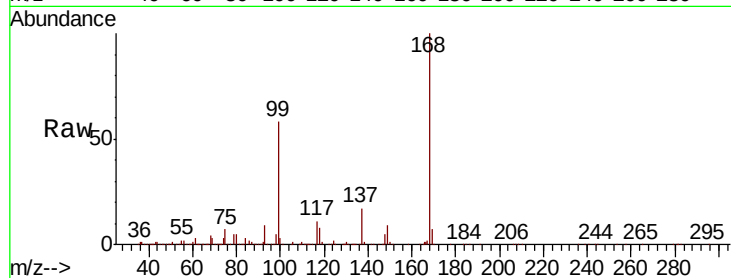
VSTDCCC050

Tot Ion:168 Resp: 397906

Ion Ratio Lower Upper

168 100

99 57.4 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

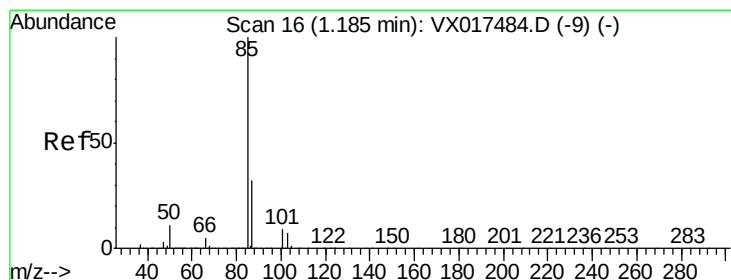
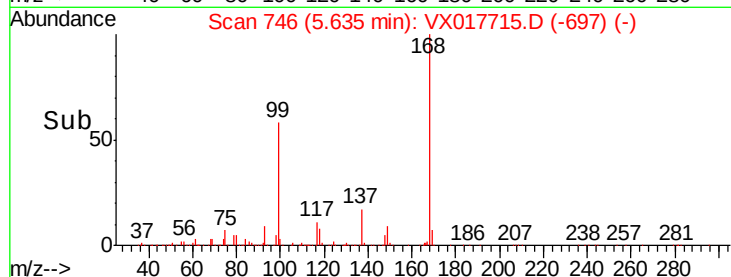
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 32.238 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017715.D

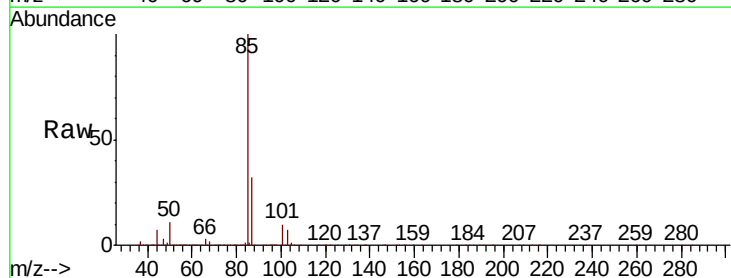
Acq: 31 Jul 2020 21:11

Tgt Ion: 85 Resp: 120346

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

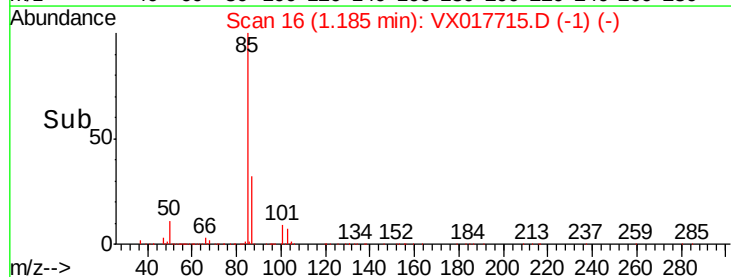
100000

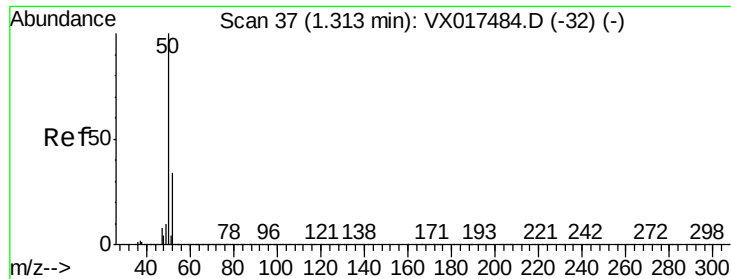
50000

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1.10 1.15 1.20 1.25

Time-->

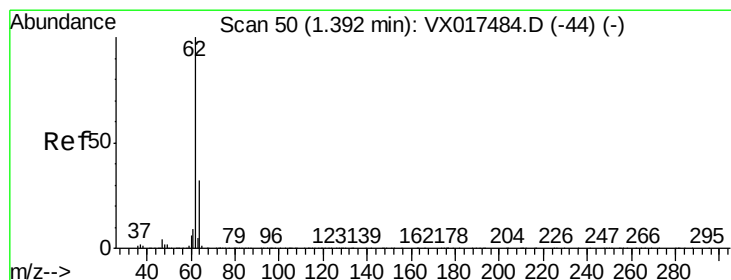
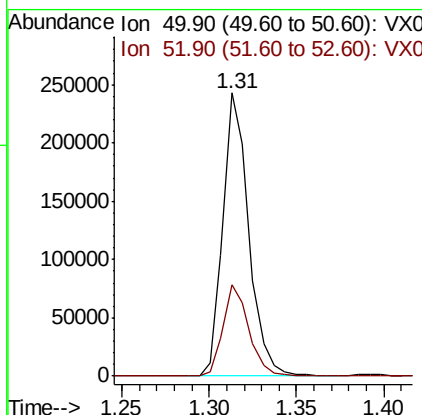
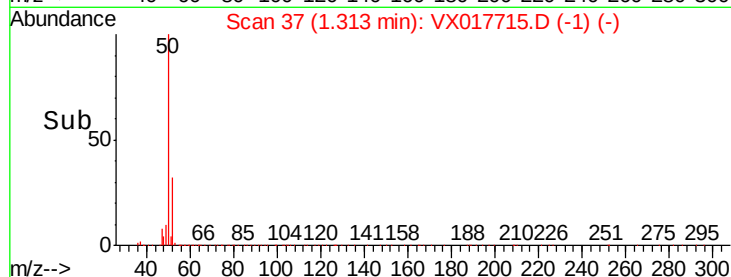
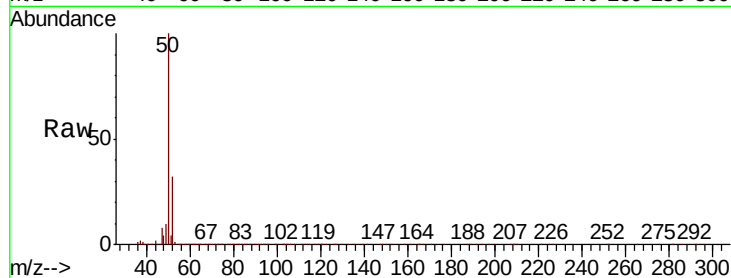




#3
Chloromethane
Concen: 50.888 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

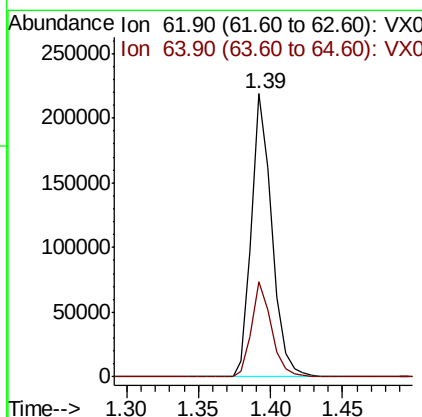
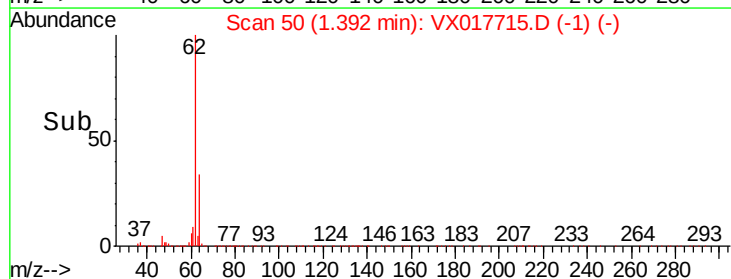
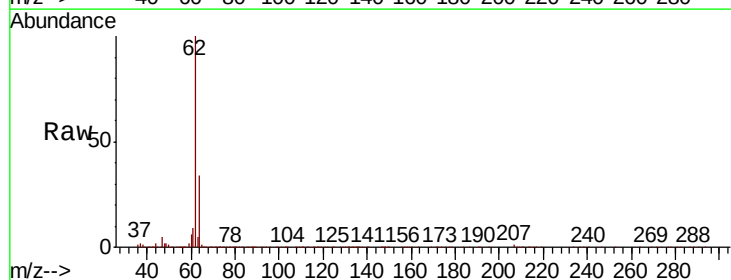
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

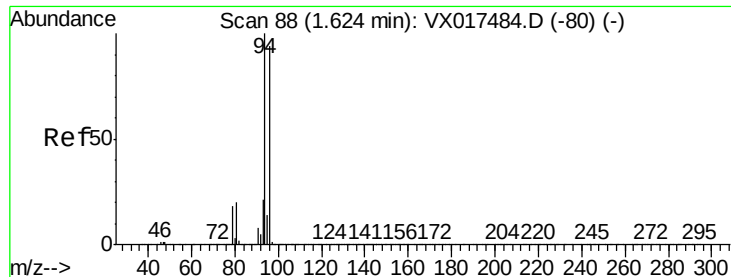
Tot Ion: 50 Resp: 250325
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 42.613 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 62 Resp: 213372
Ion Ratio Lower Upper
62 100
64 33.6 25.2 37.8





#5

Bromomethane

Concen: 57.155 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

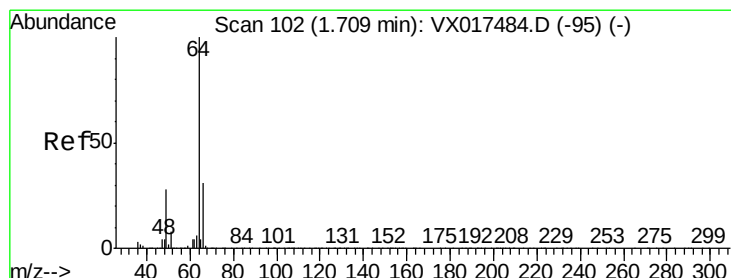
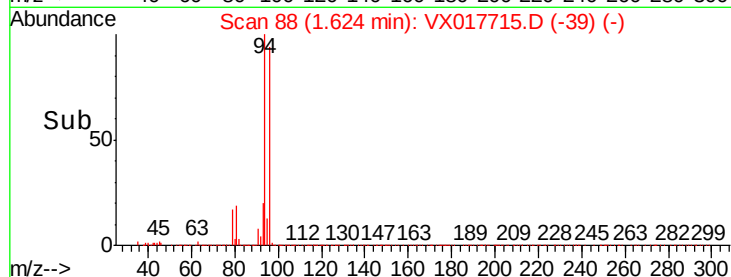
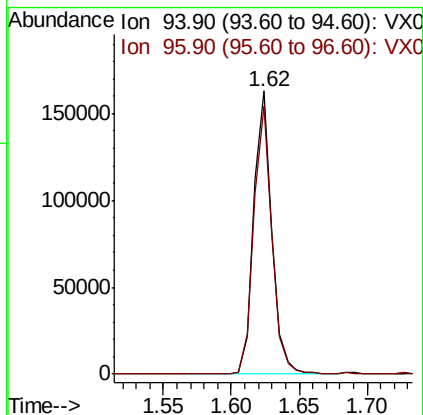
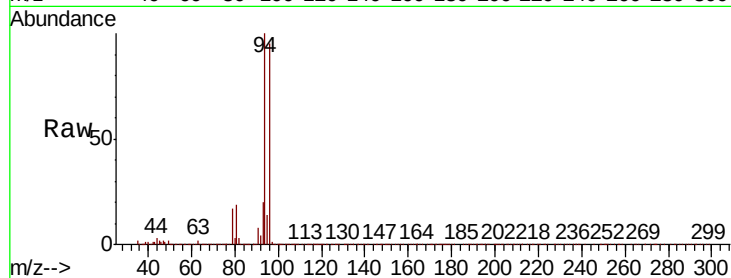
VSTDCCC050

Tot Ion: 94 Resp: 152649

Ion Ratio Lower Upper

94 100

96 94.6 74.1 111.1



#6

Chloroethane

Concen: 54.359 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017715.D

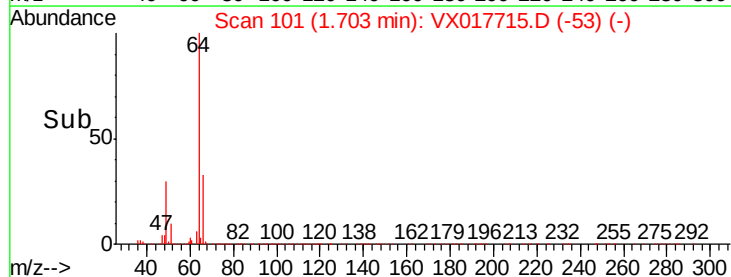
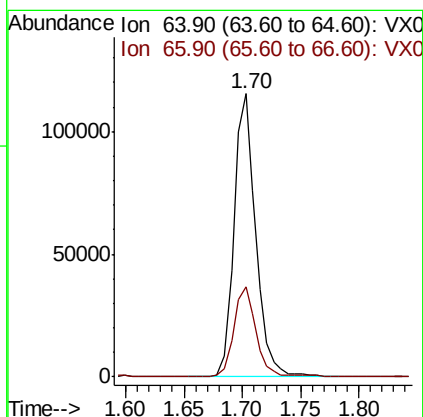
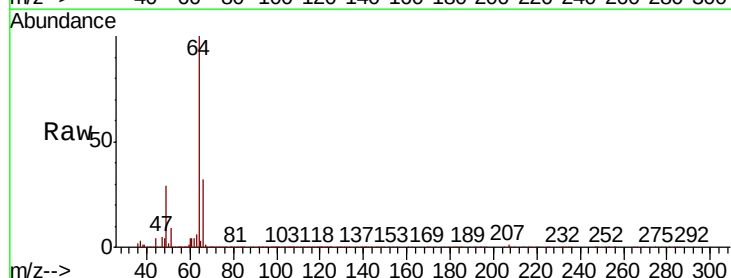
Acq: 31 Jul 2020 21:11

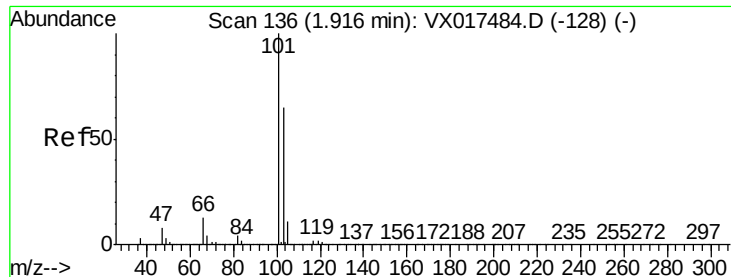
Tgt Ion: 64 Resp: 149906

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3



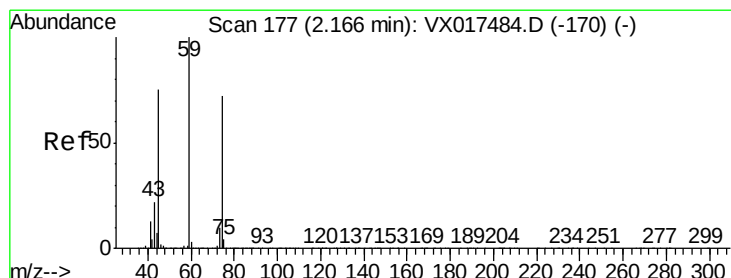
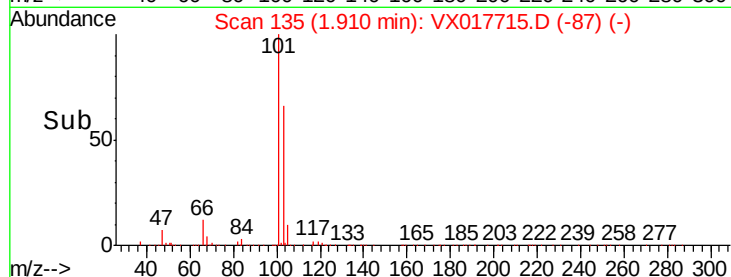
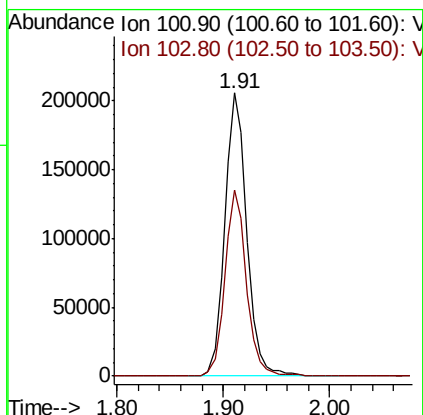
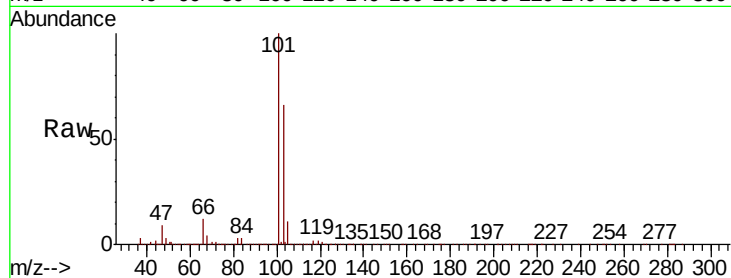


#7

Trichlorofluoromethane
Concen: 37.613 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

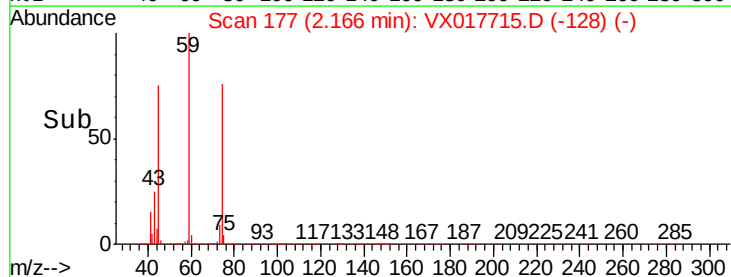
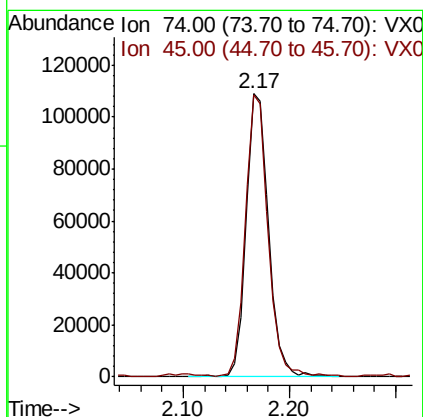
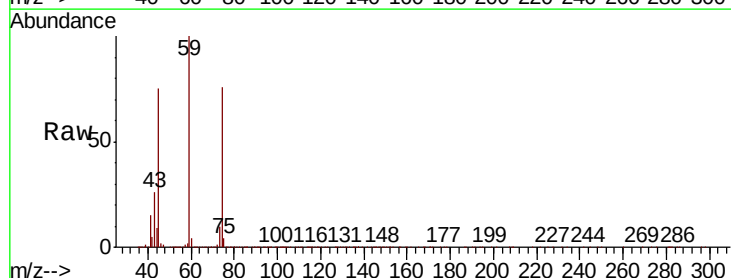
Tot Ion:101 Resp: 296225
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8

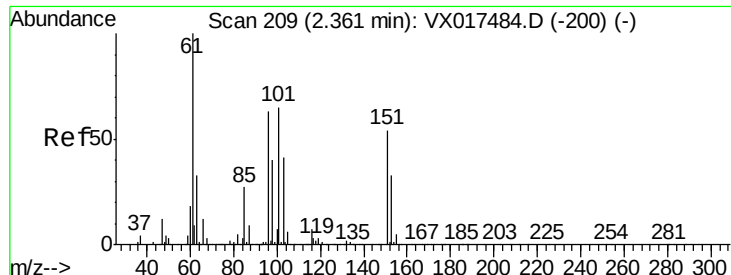


#8

Diethyl Ether
Concen: 63.353 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 74 Resp: 160832
Ion Ratio Lower Upper
74 100
45 99.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.837 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

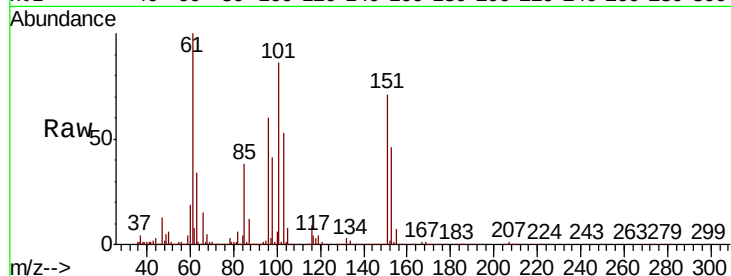
Tot Ion:101 Resp: 133276

Ion Ratio Lower Upper

101 100

85 45.3 34.8 52.2

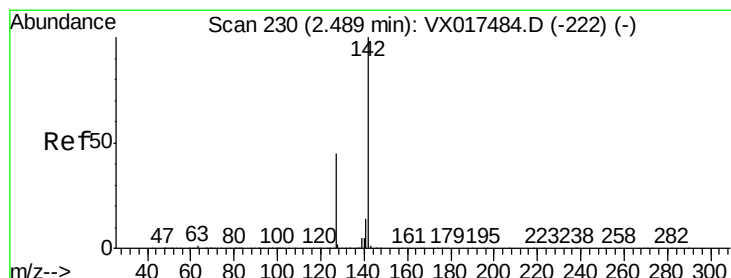
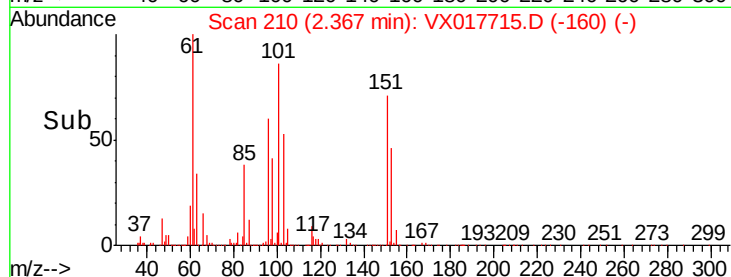
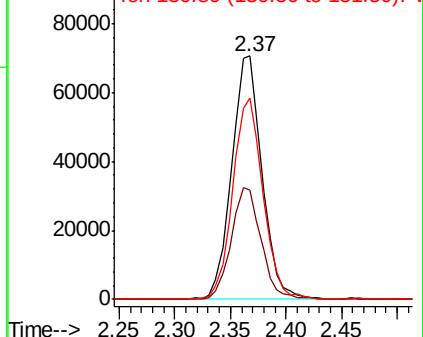
151 82.8 68.0 102.0



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: 52.281 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

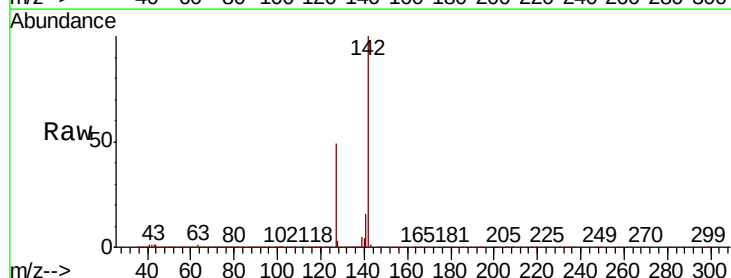
Tgt Ion:142 Resp: 289073

Ion Ratio Lower Upper

142 100

127 48.1 35.9 53.9

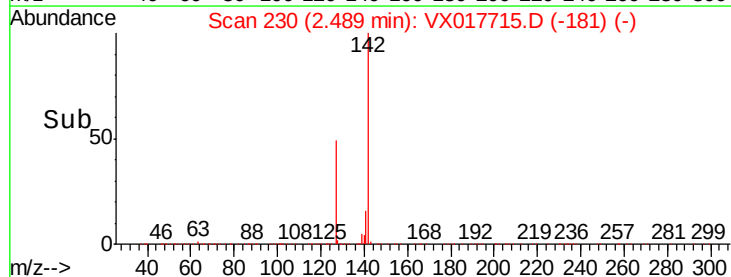
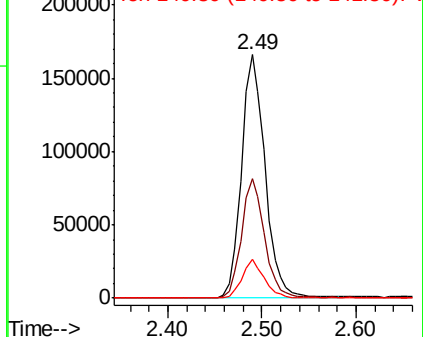
141 14.9 11.4 17.0

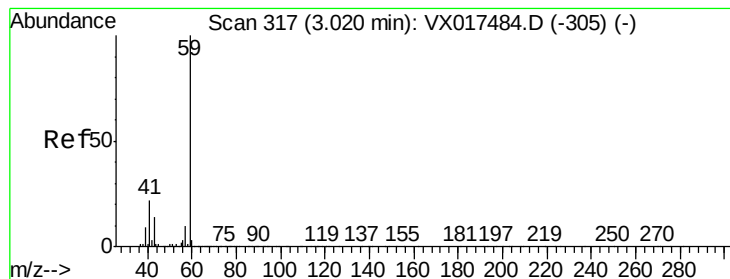


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



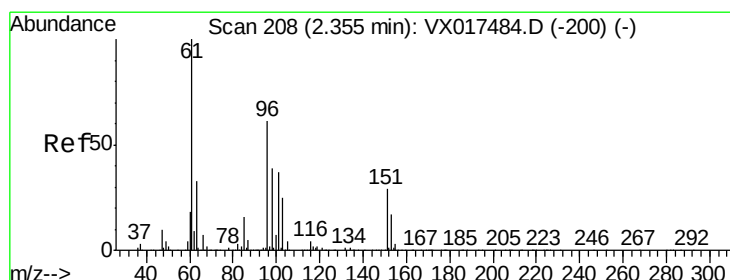
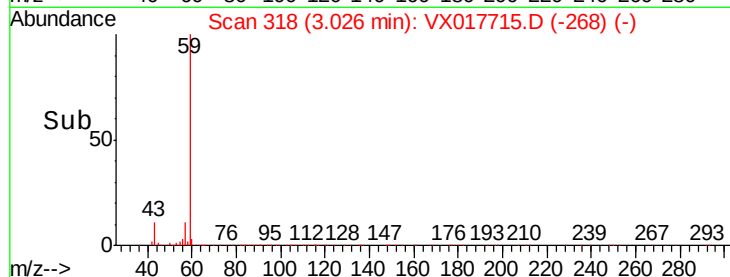
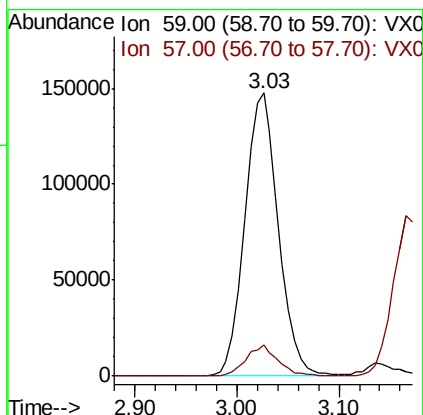
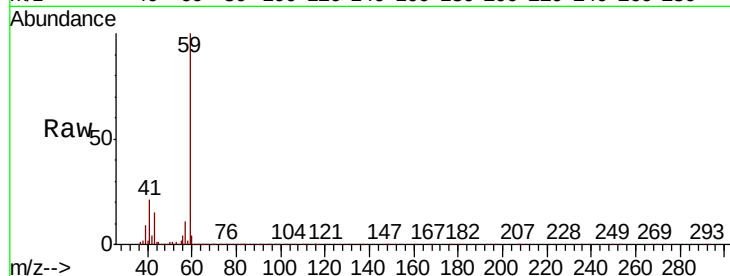


#11

Tert butyl alcohol
Concen: 312.505 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

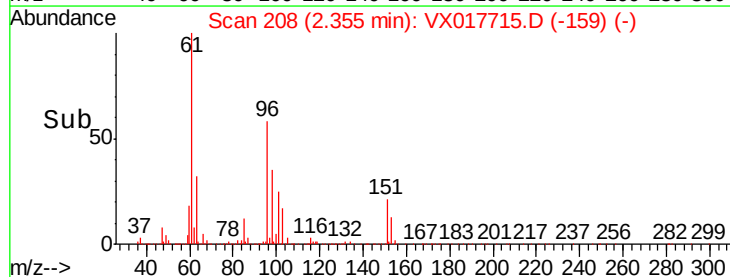
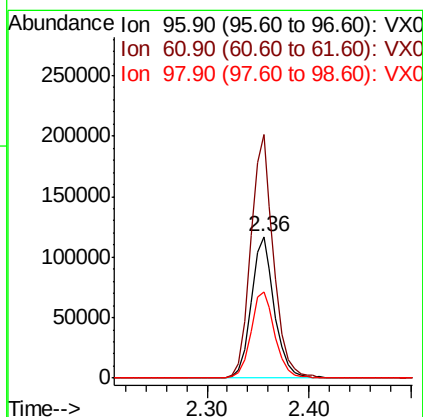
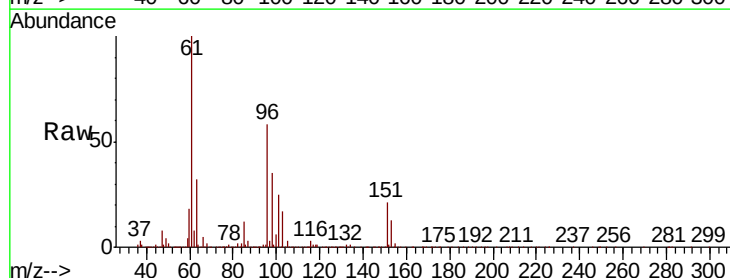
Tot Ion: 59 Resp: 336645
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

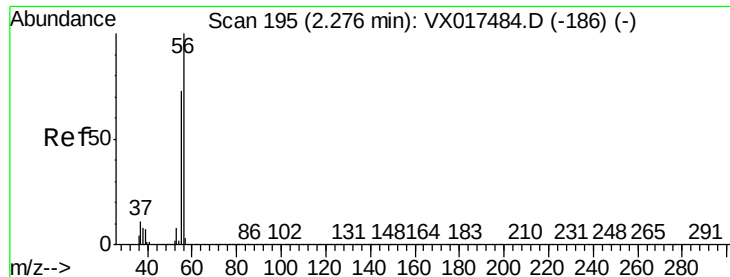


#12

1,1-Dichloroethene
Concen: 44.578 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 96 Resp: 183214
Ion Ratio Lower Upper
96 100
61 172.0 134.0 201.0
98 60.6 51.0 76.4





#13

Acrolein

Concen: 364.957 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

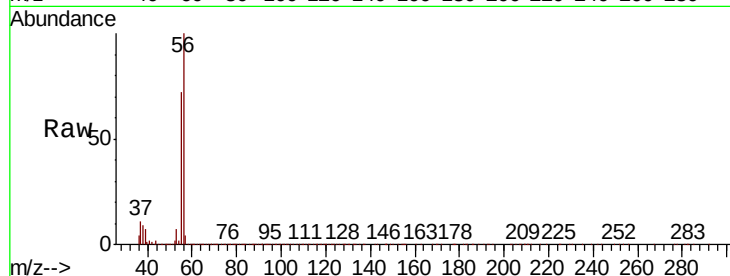
VSTDCCC050

Tot Ion: 56 Resp: 301759

Ion Ratio Lower Upper

56 100

55 73.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

100000

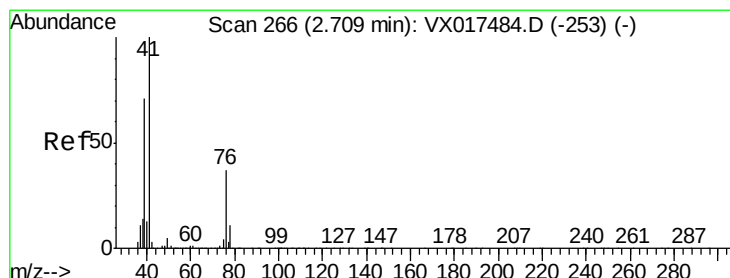
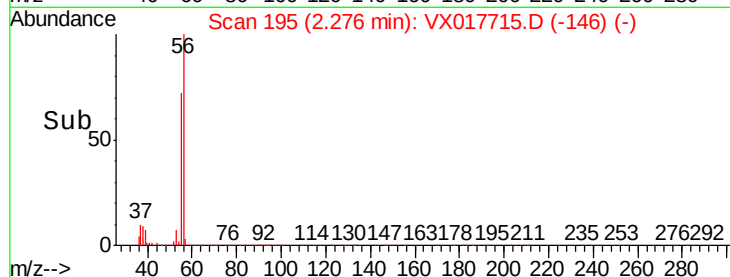
50000

0

2.28

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 55.624 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

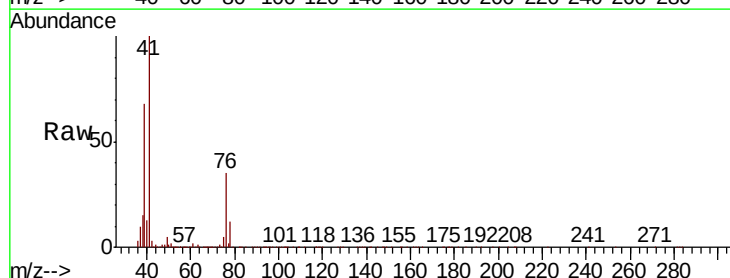
Tgt Ion: 41 Resp: 417435

Ion Ratio Lower Upper

41 100

39 64.3 51.9 77.9

76 31.7 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

200000

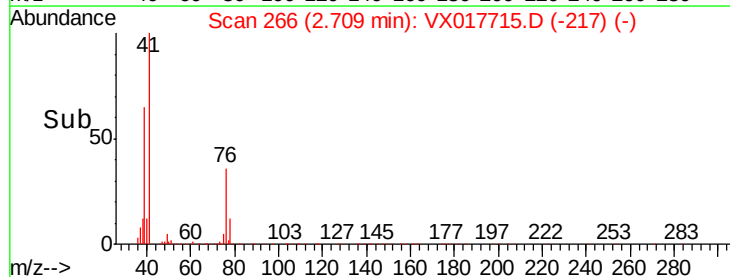
100000

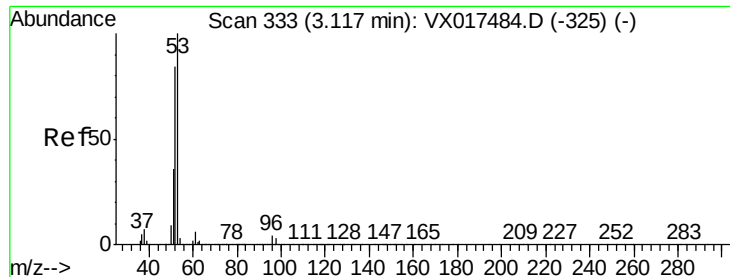
0

2.71

2.60 2.70 2.80

Time-->

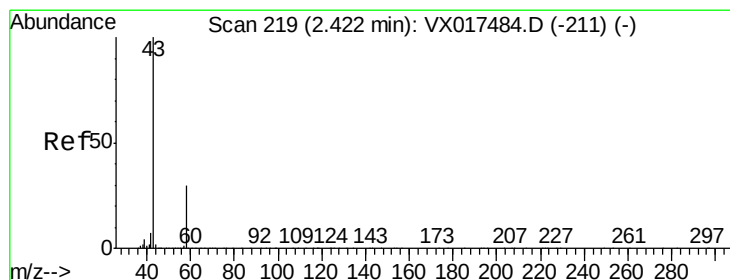
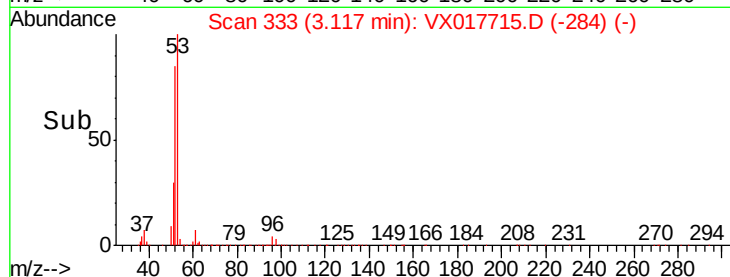
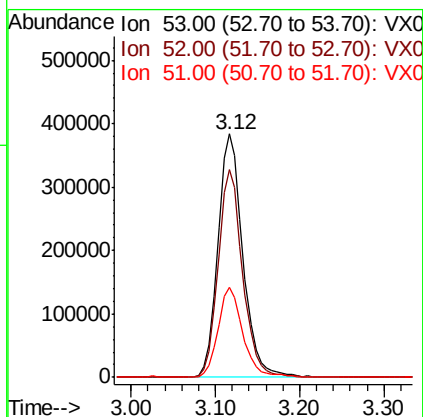
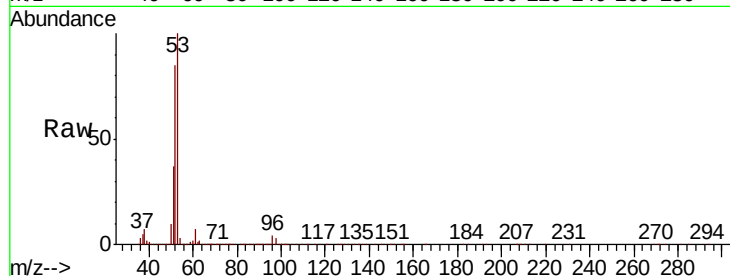




#15
 Acrylonitrile
 Concen: 334.398 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

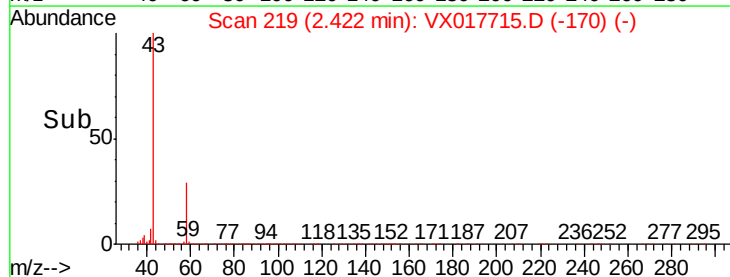
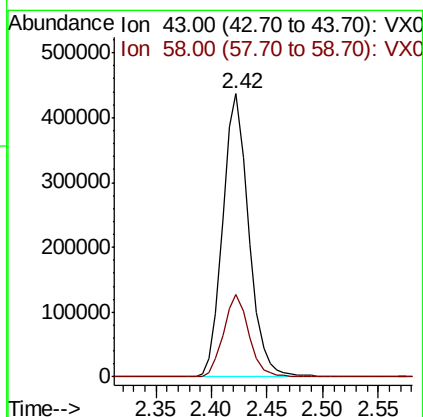
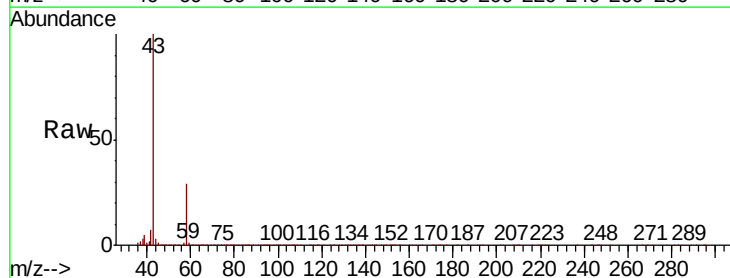
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

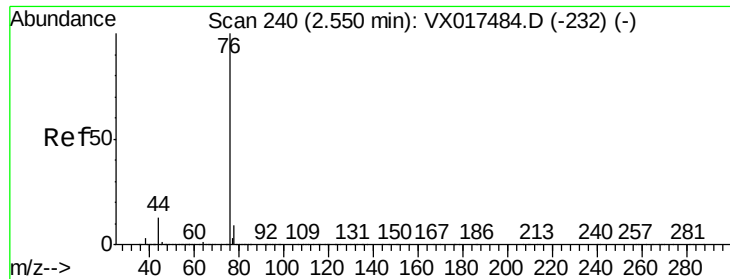
Tot Ion:	53	Resp:	778052
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.6	99.8
51	36.8	29.4	44.2



#16
 Acetone
 Concen: 313.181 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion:	43	Resp:	704548
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.2	36.4





#17

Carbon Disulfide

Concen: 42.151 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

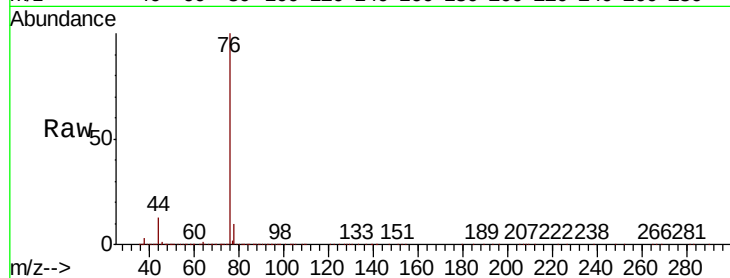
VSTDCCC050

Tot Ion: 76 Resp: 526554

Ion Ratio Lower Upper

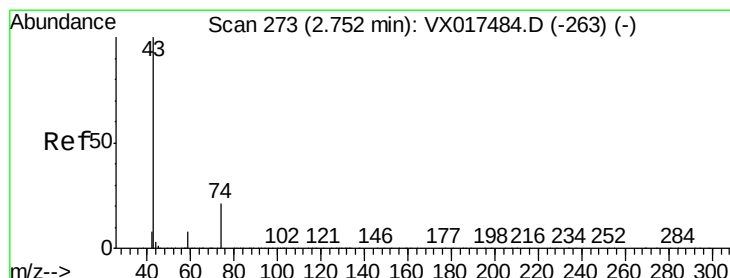
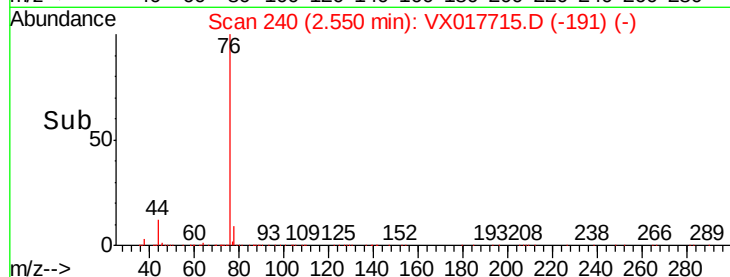
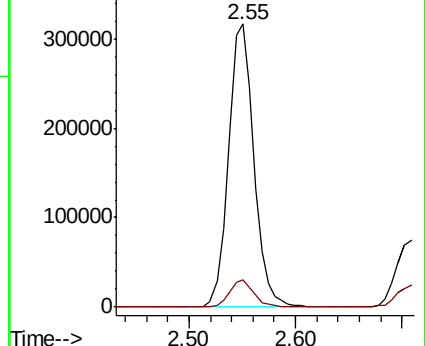
76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 68.490 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017715.D

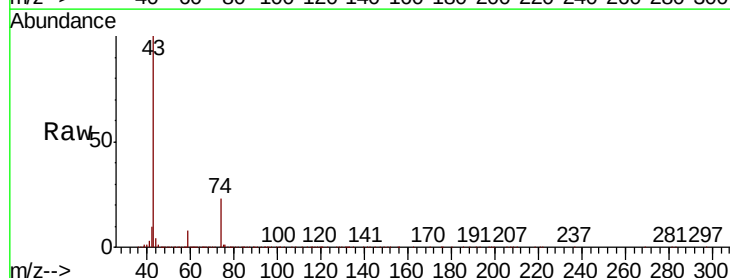
Acq: 31 Jul 2020 21:11

Tgt Ion: 43 Resp: 362878

Ion Ratio Lower Upper

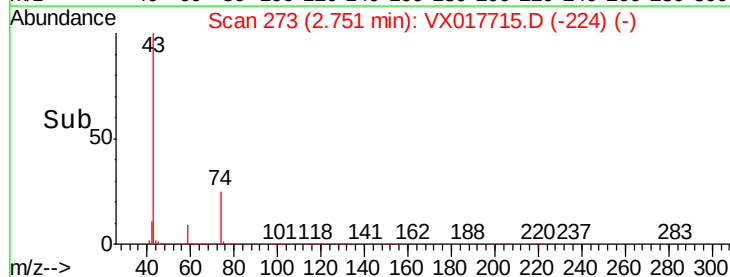
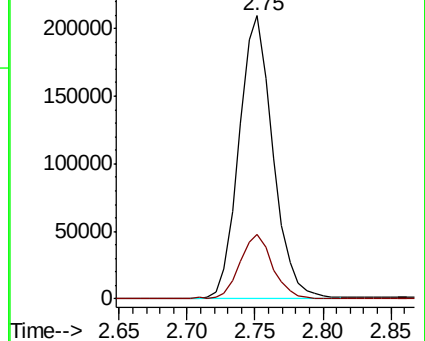
43 100

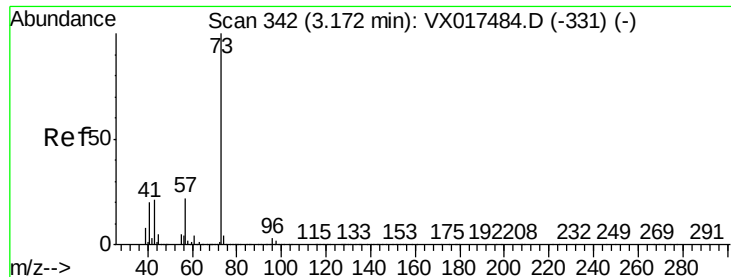
74 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



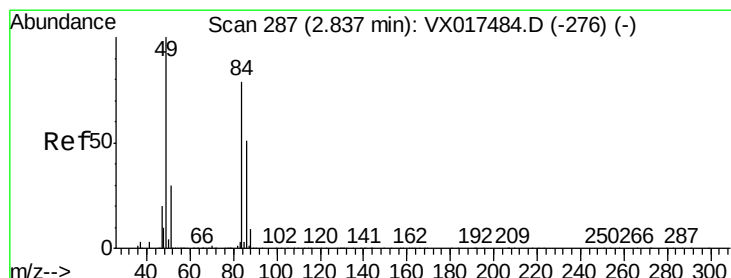
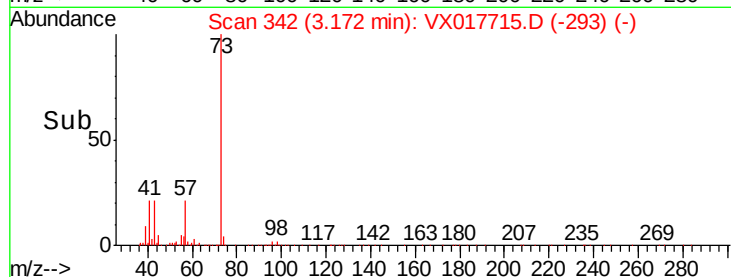
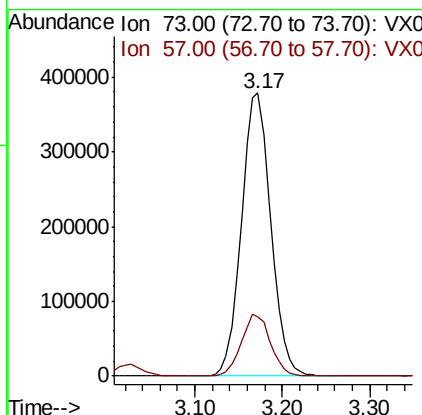
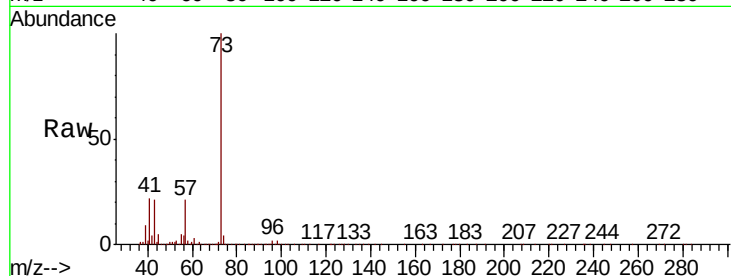


#19

Methyl tert-butyl Ether
 Concen: 62.033 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

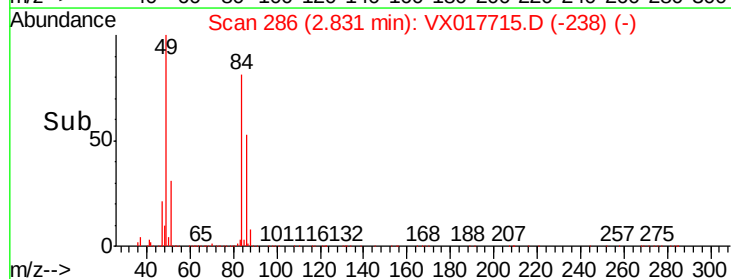
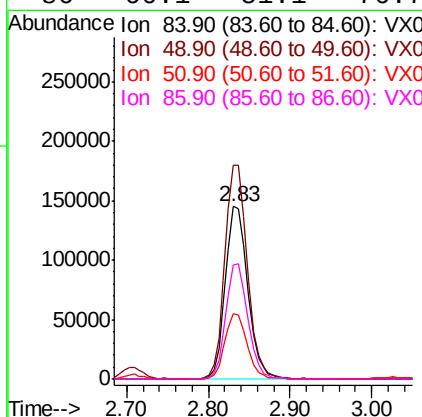
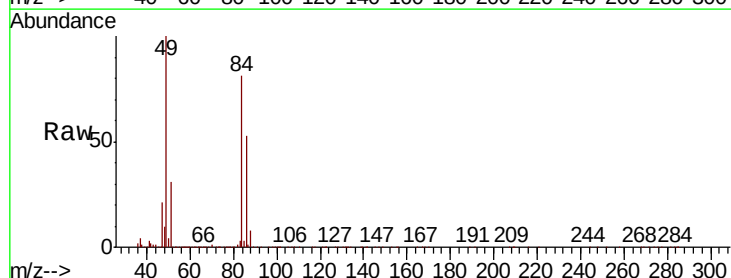
Tot Ion: 73 Resp: 882433
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.0 25.4

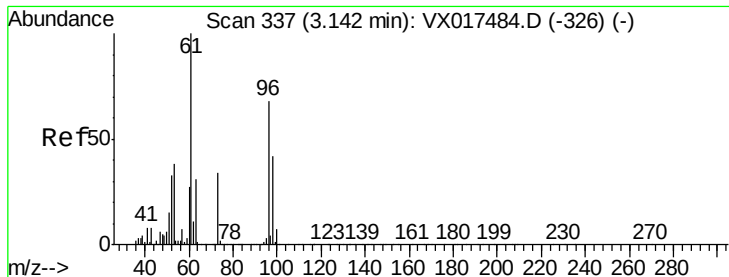


#20

Methylene Chloride
 Concen: 65.455 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 84 Resp: 275646
 Ion Ratio Lower Upper
 84 100
 49 123.7 100.3 150.5
 51 38.0 30.5 45.7
 86 66.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 53.138 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

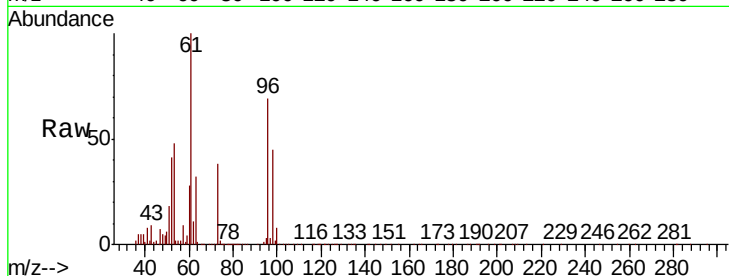
Tot Ion: 96 Resp: 233964

Ion Ratio Lower Upper

96 100

61 145.2 113.0 169.4

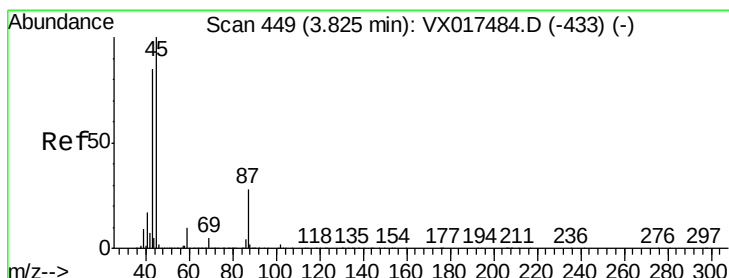
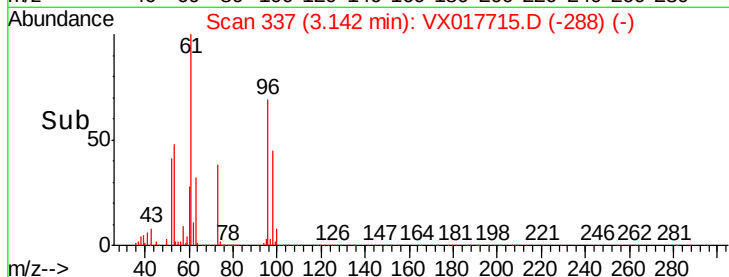
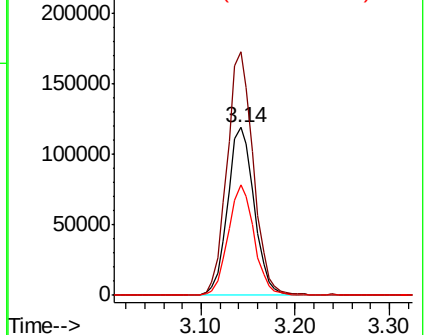
98 65.6 51.8 77.8



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: 62.847 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion: 45 Resp: 862387

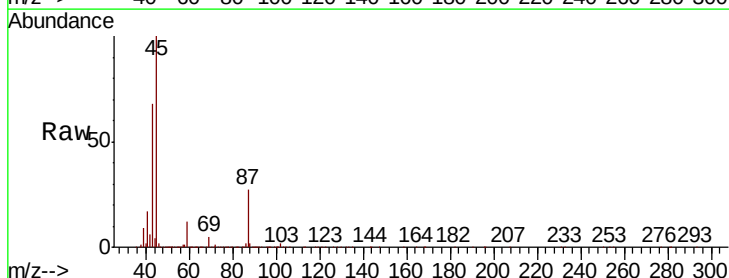
Ion Ratio Lower Upper

45 100

43 68.0 52.0 78.0

87 27.4 22.2 33.4

59 12.2 8.9 13.3

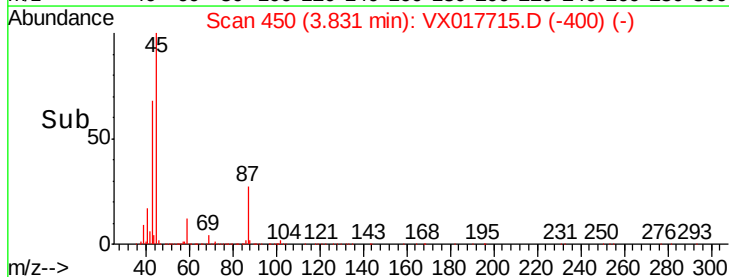
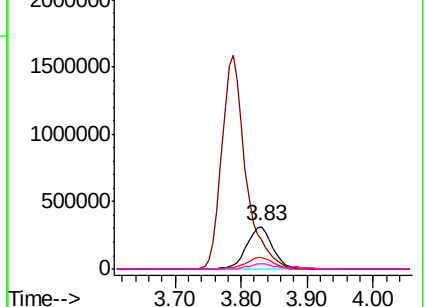


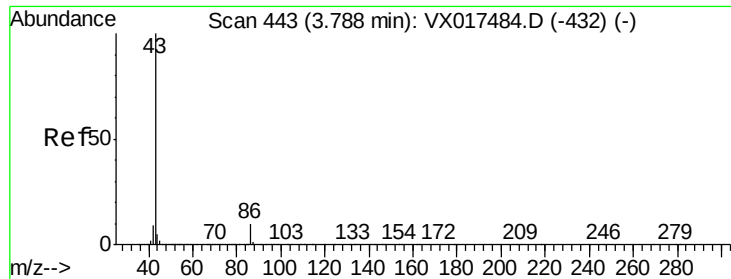
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

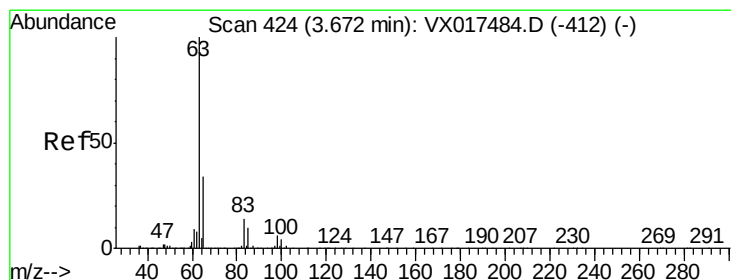
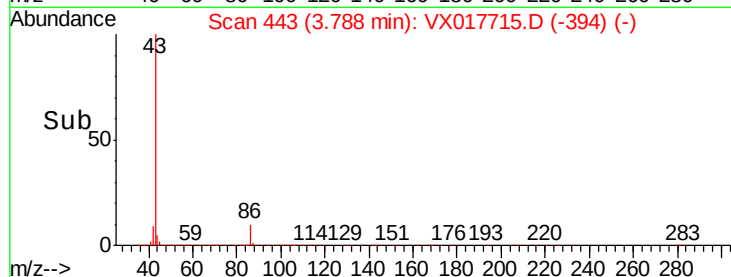
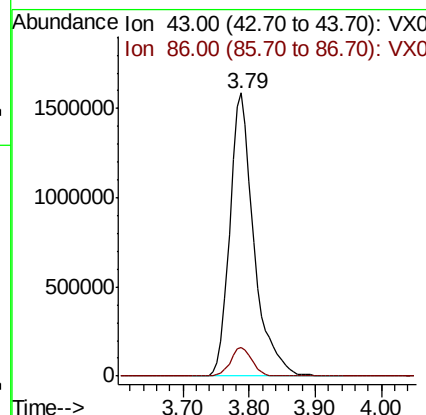
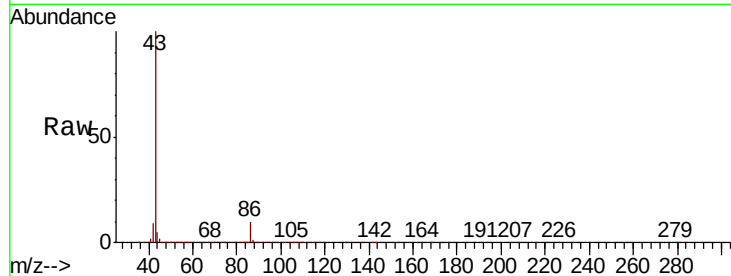




#23
 Vinyl Acetate
 Concen: 326.787 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

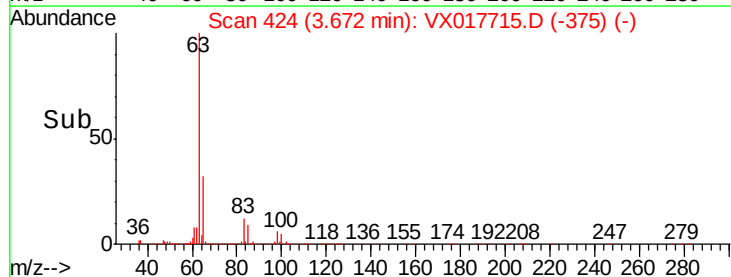
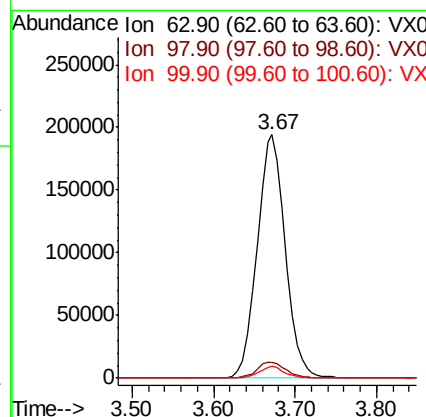
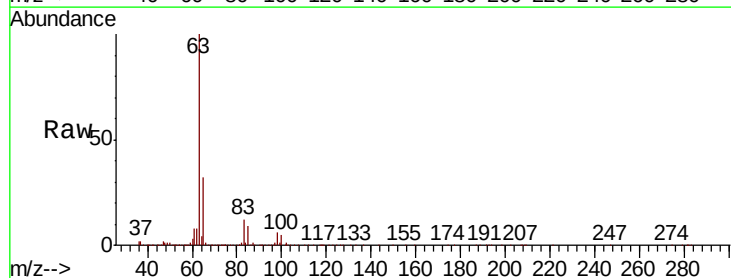
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

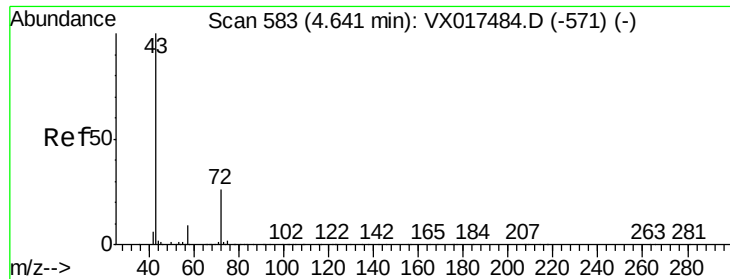
Tot Ion: 43 Resp: 3998183
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 58.807 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 63 Resp: 464845
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.6 1.9 5.7

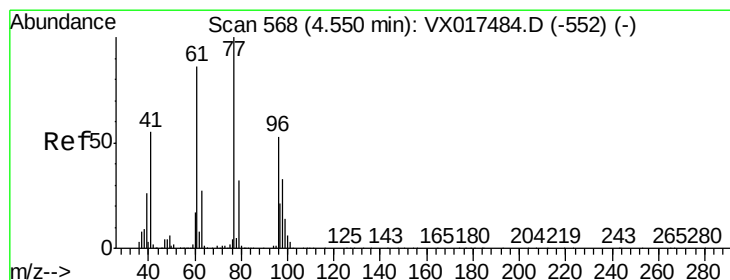
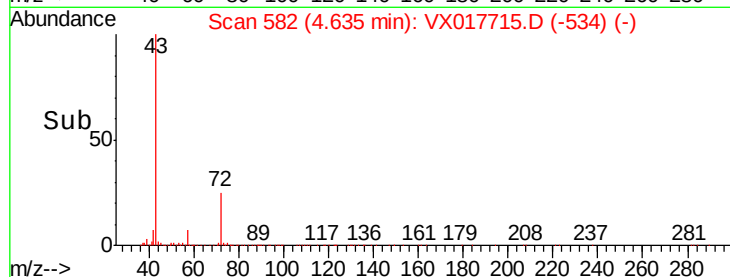
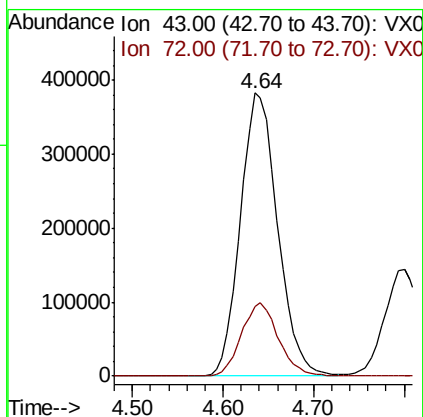
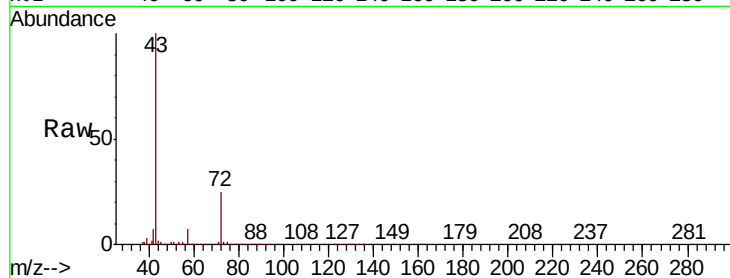




#25
2-Butanone
Concen: 339.454 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

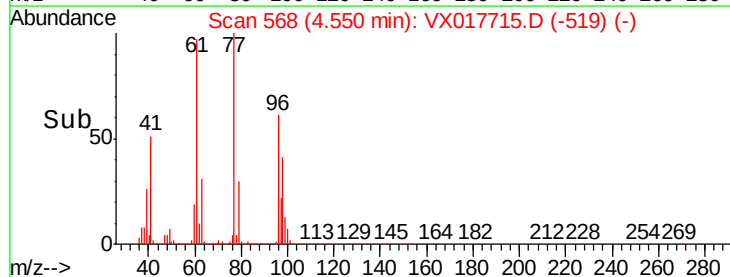
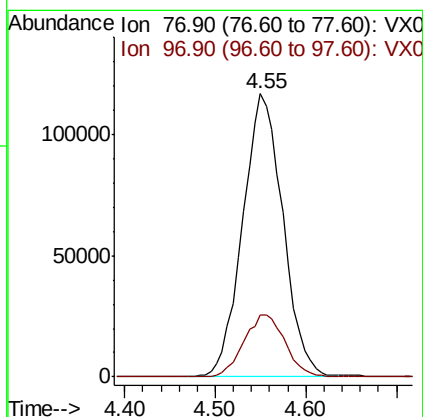
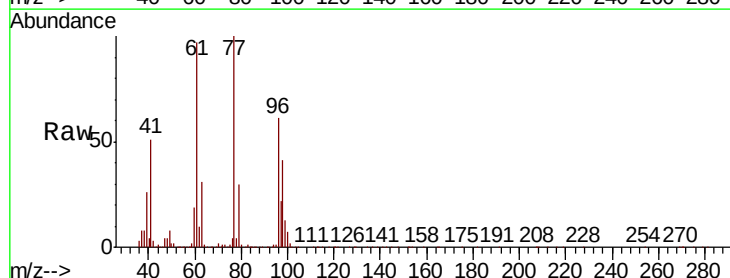
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

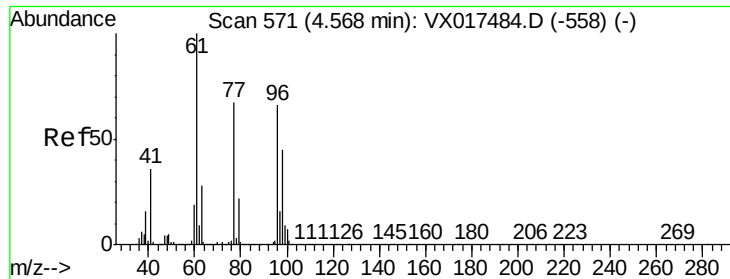
Tot Ion: 43 Resp: 1084850
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.4



#26
2,2-Dichloropropane
Concen: 50.562 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 77 Resp: 357762
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9



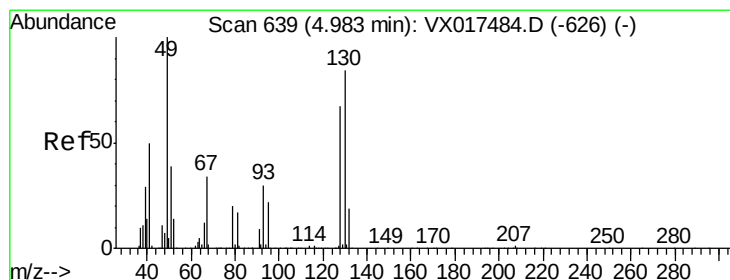
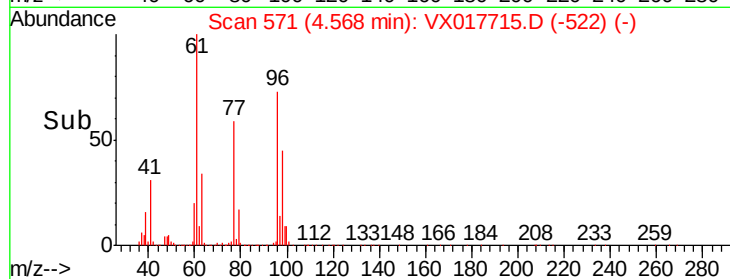
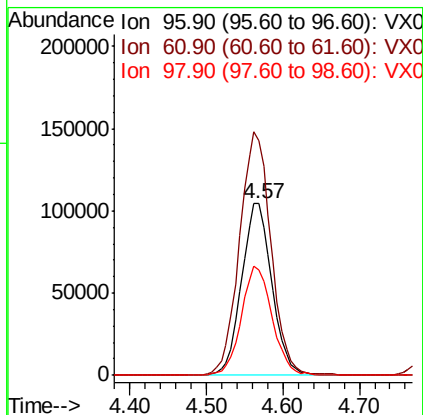
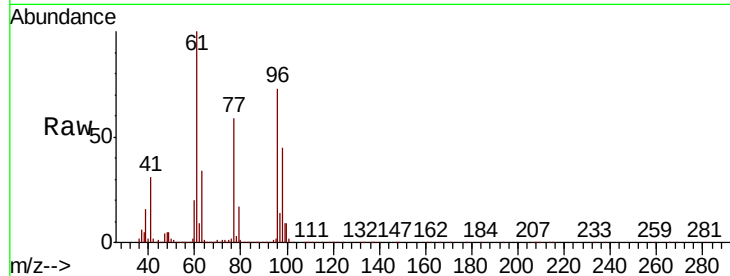


#27

cis-1,2-Dichloroethene
Concen: 60.139 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

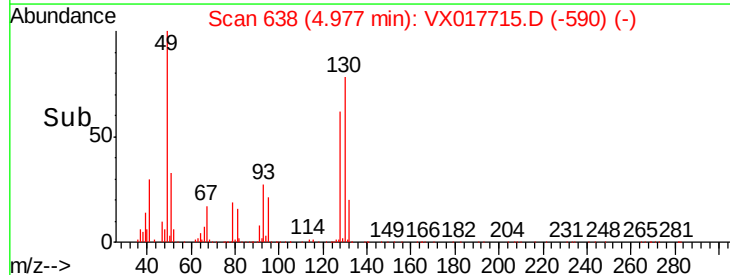
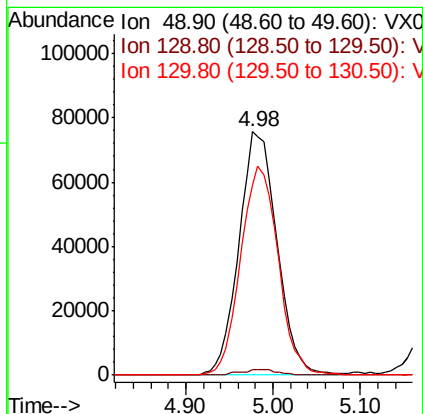
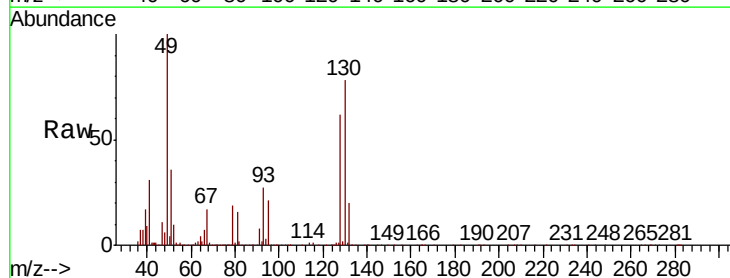
Tot Ion	96	Resp	287599
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	301.2
98	64.3	0.0	130.0

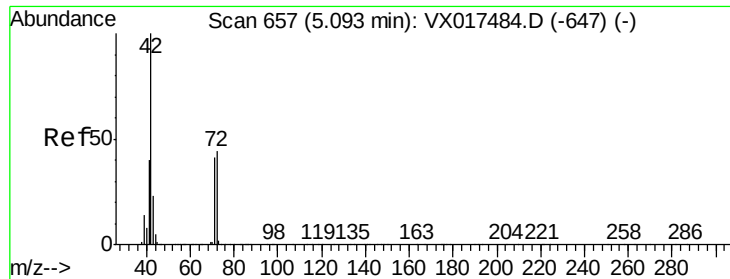


#28

Bromochloromethane
Concen: 63.659 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	49	Resp	228029
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	85.1	66.7	100.1

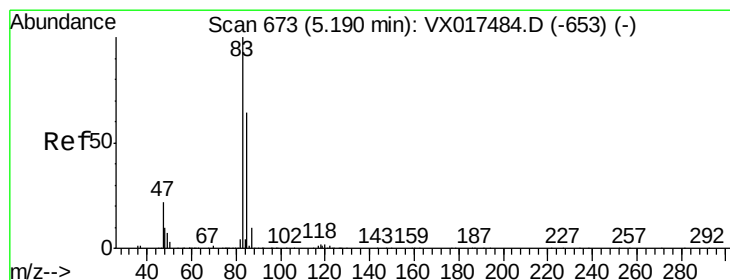
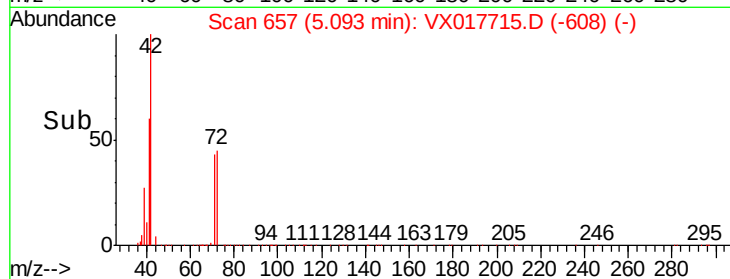
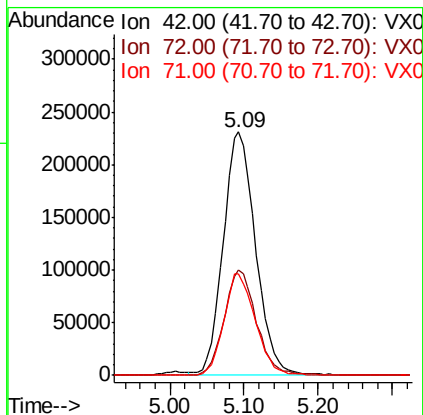
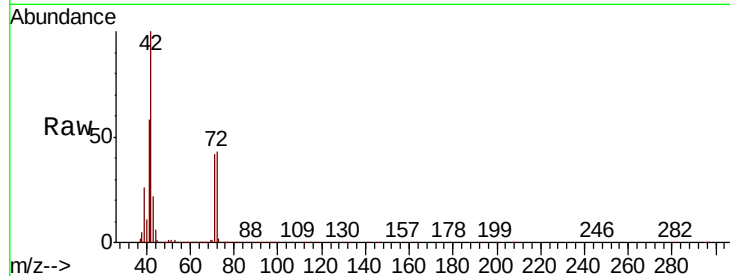




#29
Tetrahydrofuran
Concen: 352.286 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

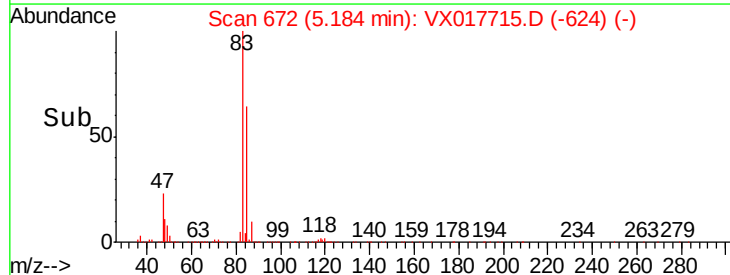
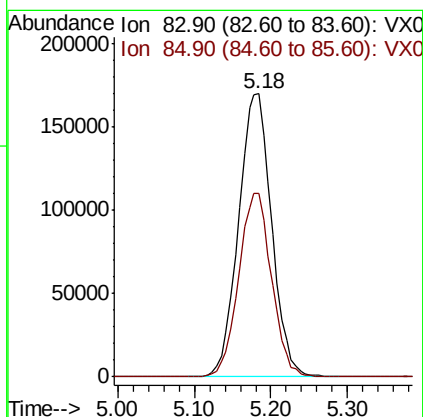
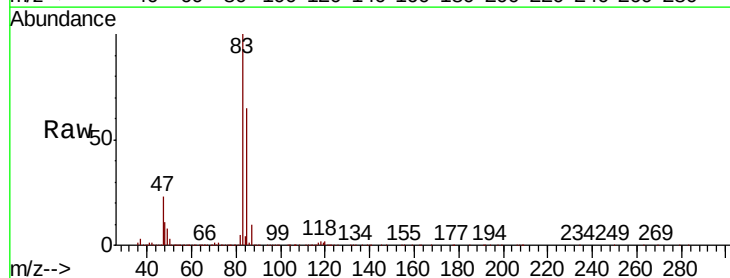
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

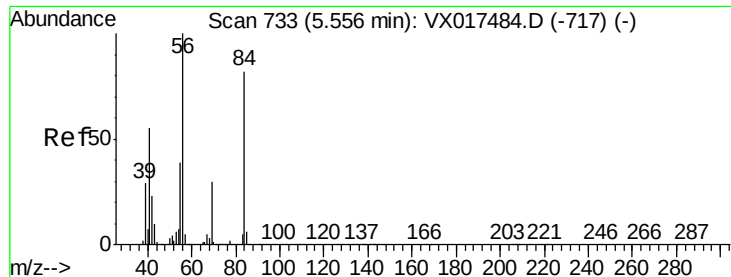
Tot Ion: 42 Resp: 697386
Ion Ratio Lower Upper
42 100
72 43.5 35.5 53.3
71 40.7 33.0 49.4



#30
Chloroform
Concen: 63.189 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 83 Resp: 510367
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2

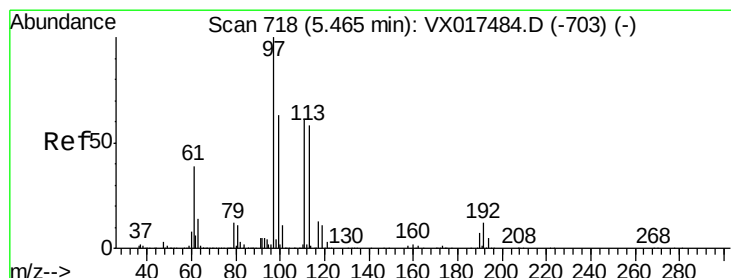
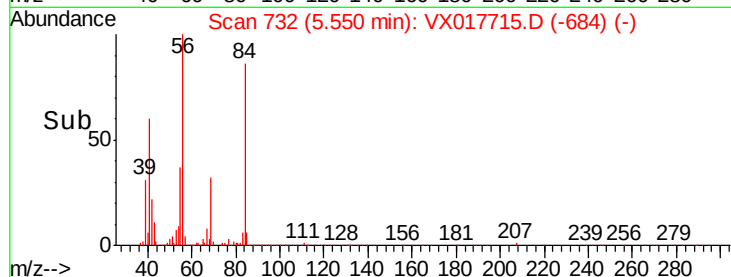
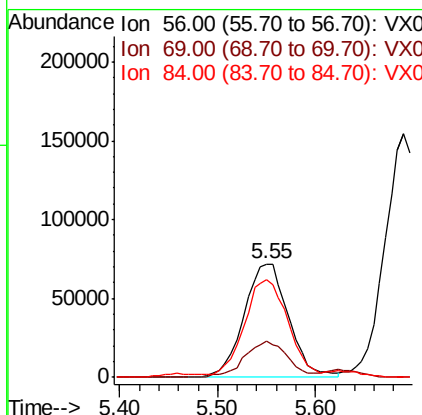
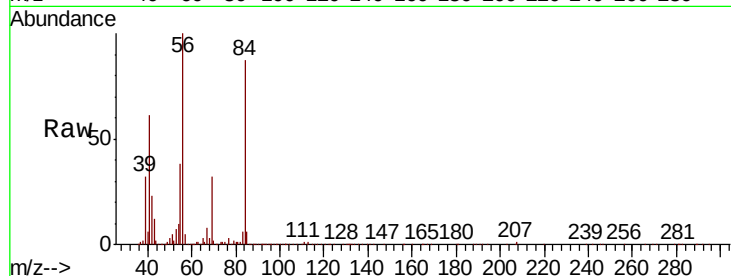




#31
Cyclohexane
Concen: 35.727 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

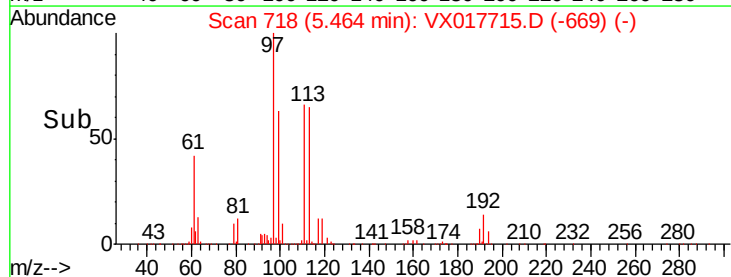
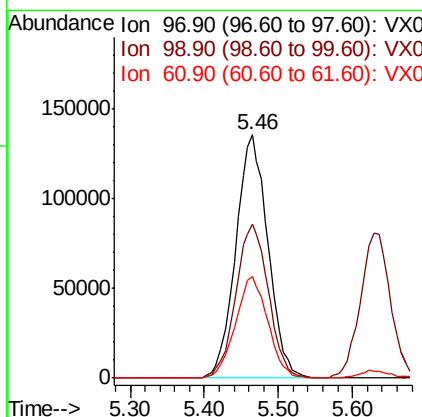
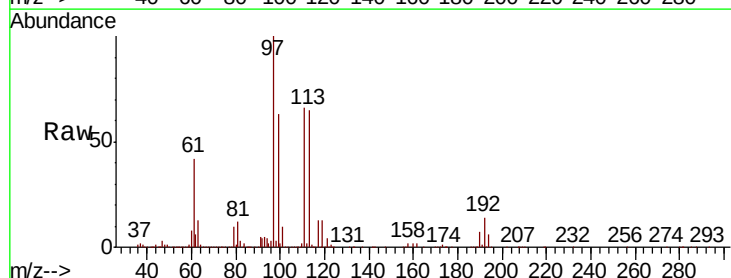
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

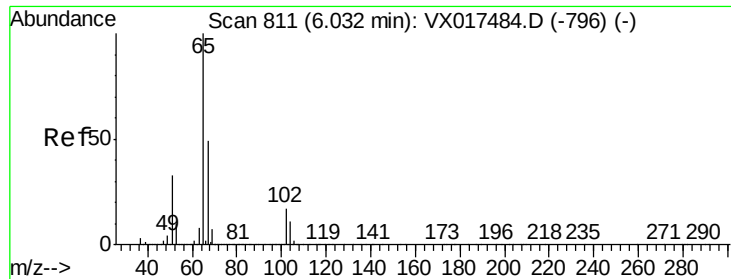
Tot Ion: 56 Resp: 225203
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.4
84 84.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 53.807 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 97 Resp: 409811
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 42.0 34.1 51.1

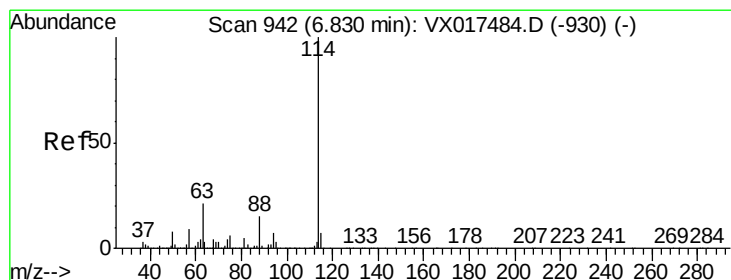
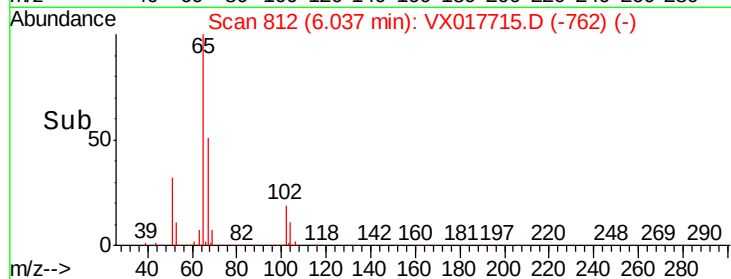
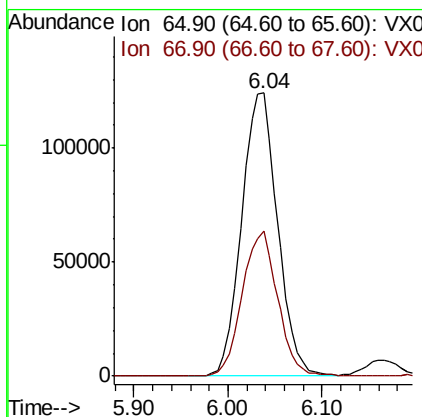
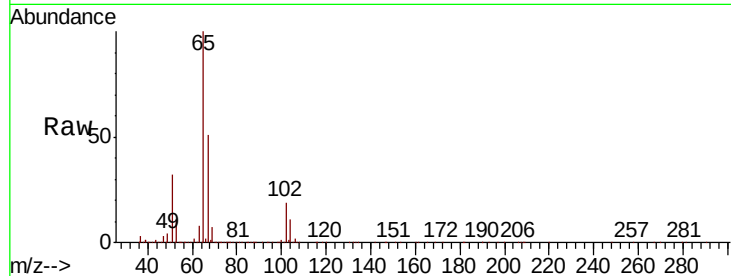




#33
 1,2-Dichloroethane-d4
 Concen: 64.963 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

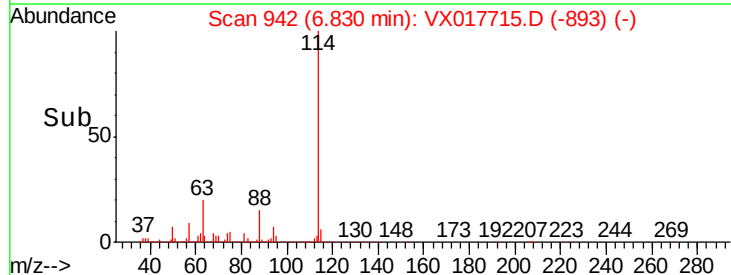
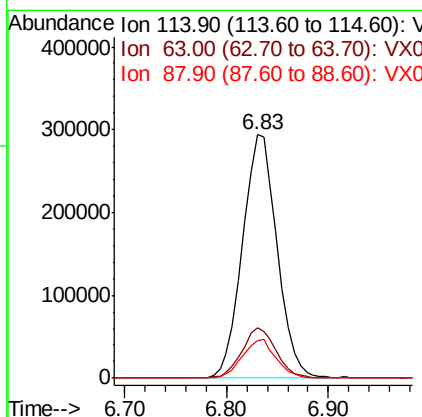
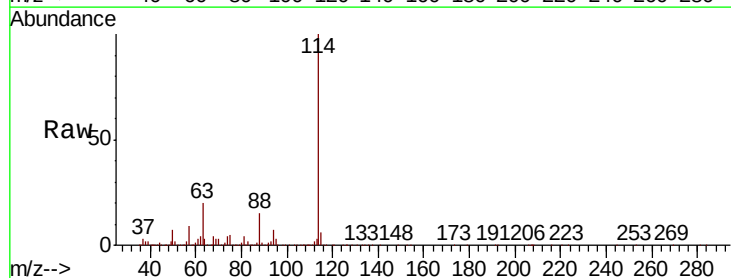
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

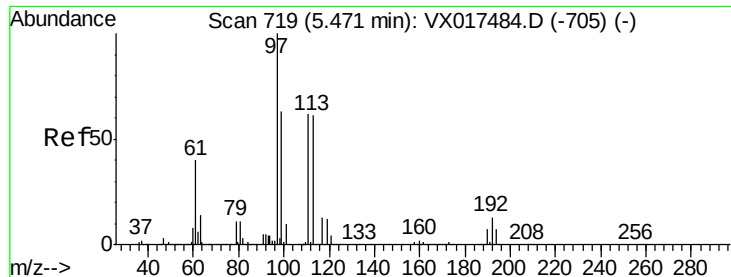
Tot Ion: 65 Resp: 332044
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 114 Resp: 693820
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.3 0.0 33.4

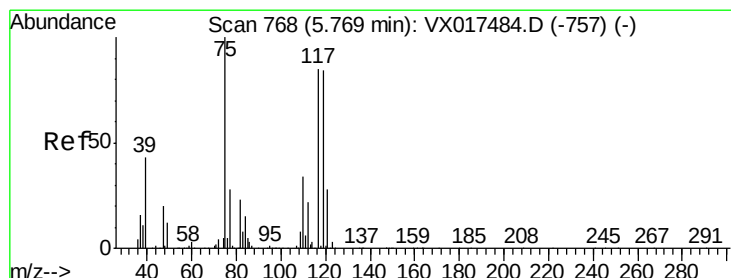
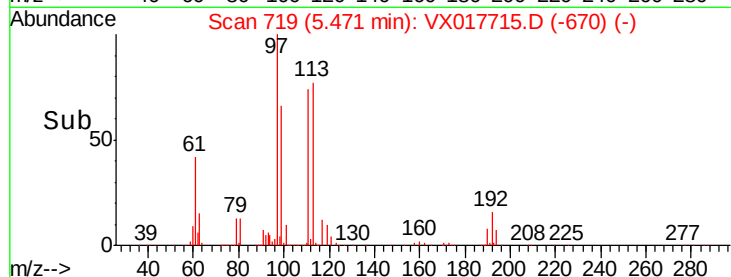
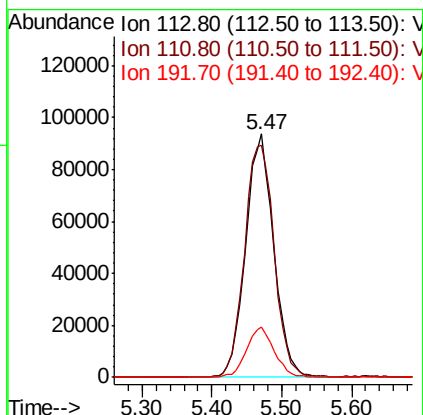
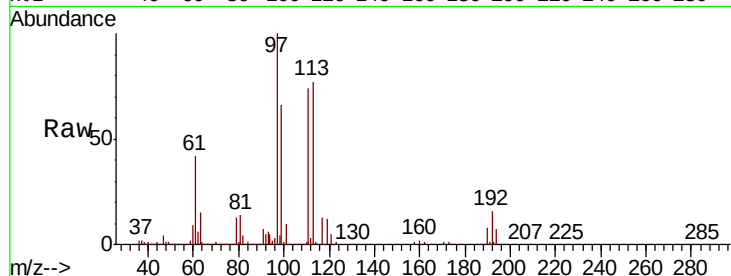




#35
 Dibromofluoromethane
 Concen: 56.248 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

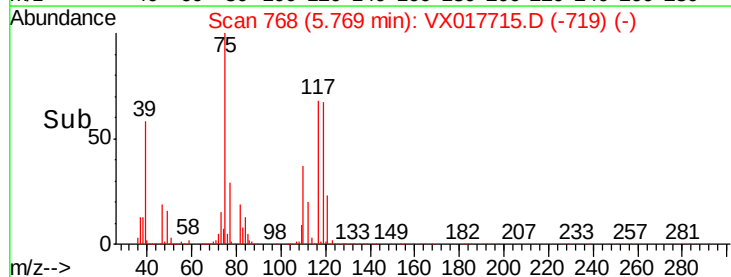
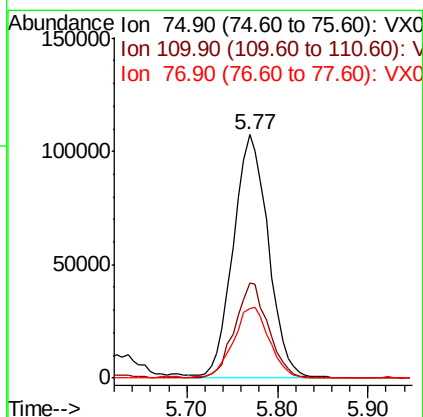
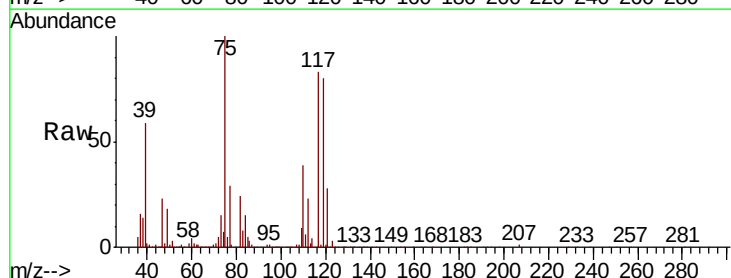
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

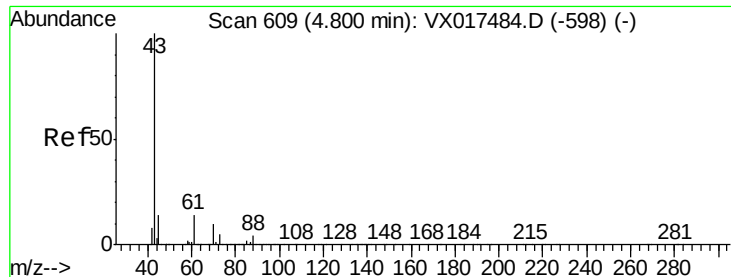
Tot Ion:113 Resp: 261006
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.7 121.1
 192 20.3 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 43.281 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 75 Resp: 288008
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.3
 77 29.3 24.6 37.0

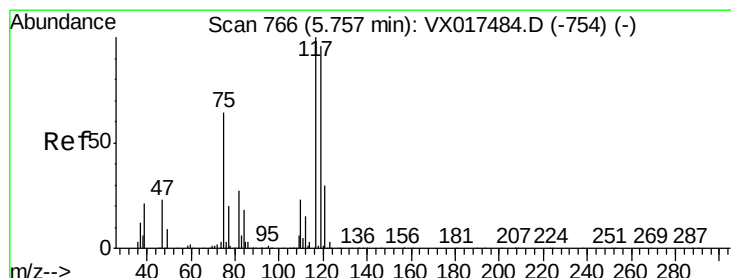
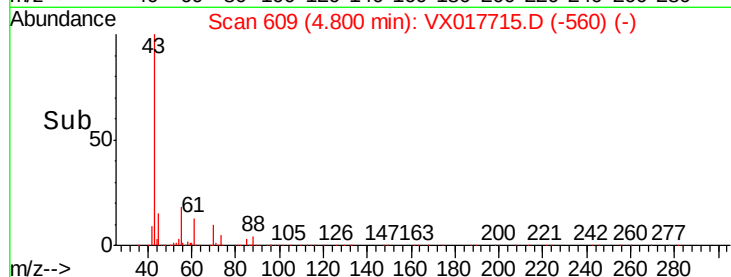
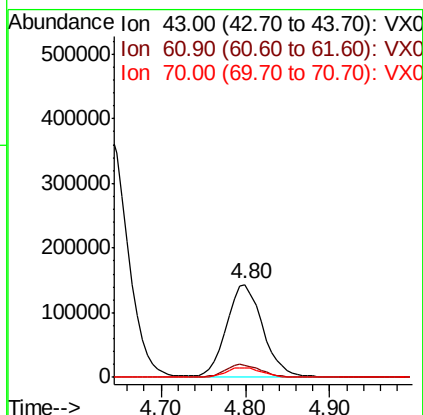
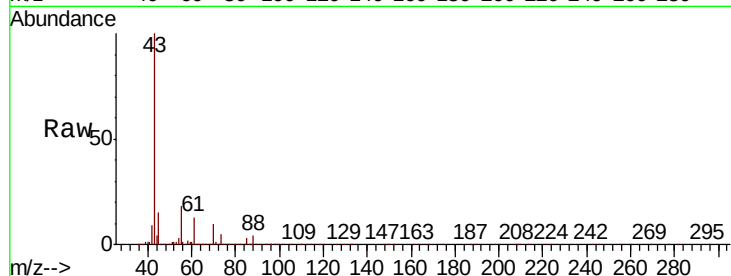




#37
Ethyl Acetate
Concen: 57.527 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

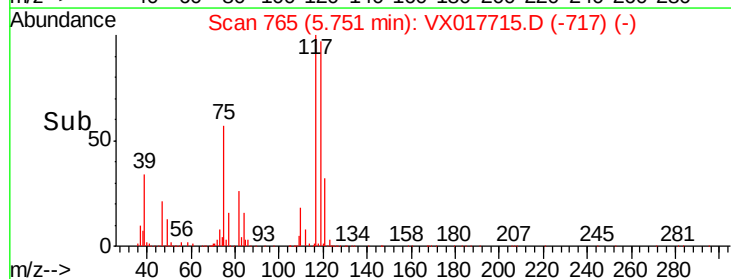
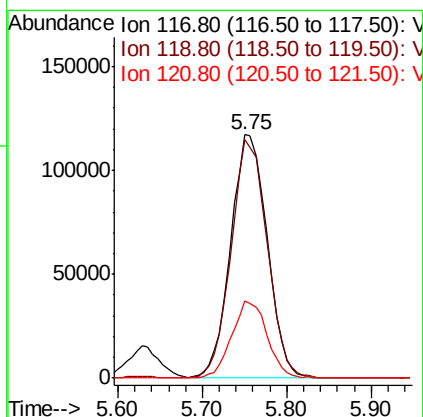
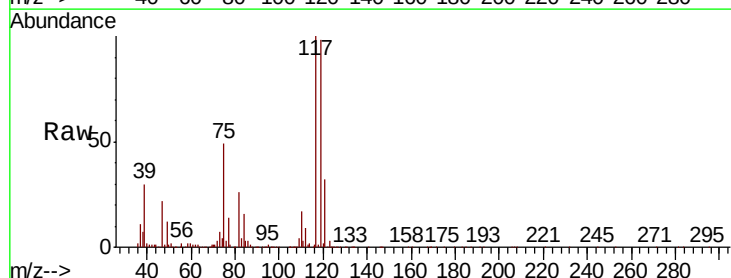
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

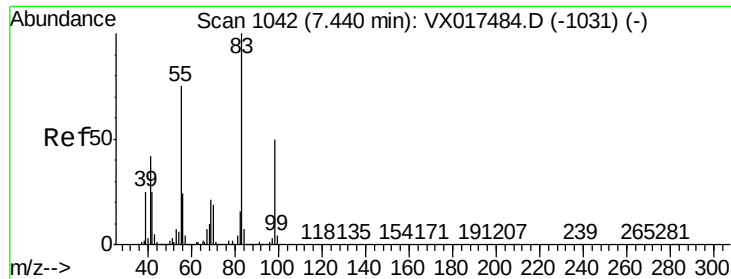
Tot Ion: 43 Resp: 418846
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 42.581 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 117 Resp: 344092
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
121 31.8 24.3 36.5

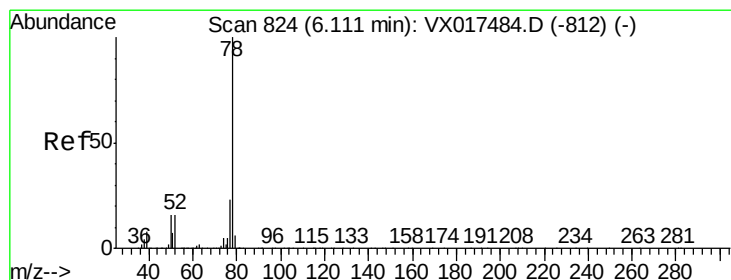
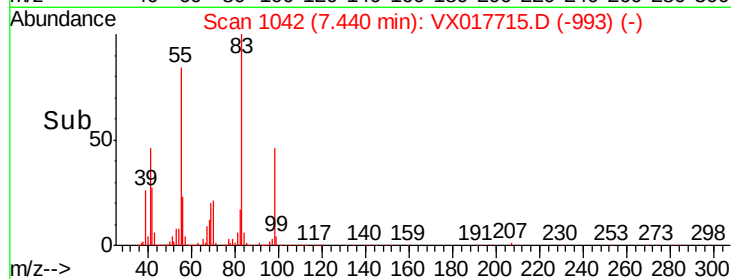
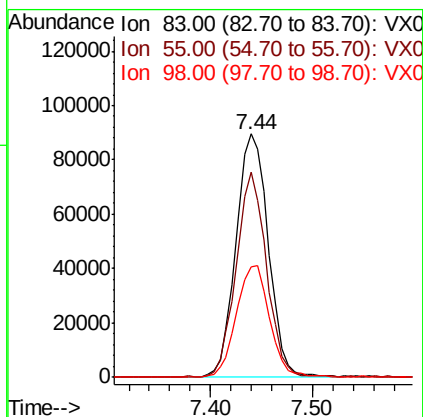
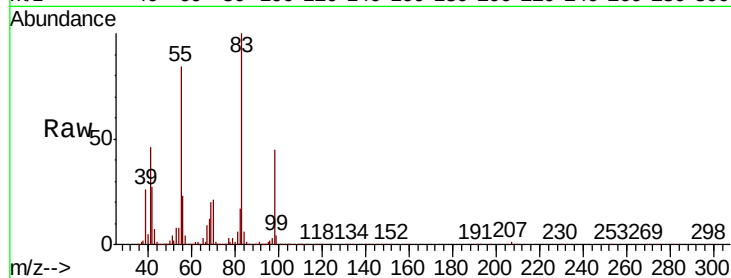




#39
Methylvlcyclohexane
Concen: 25.275 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

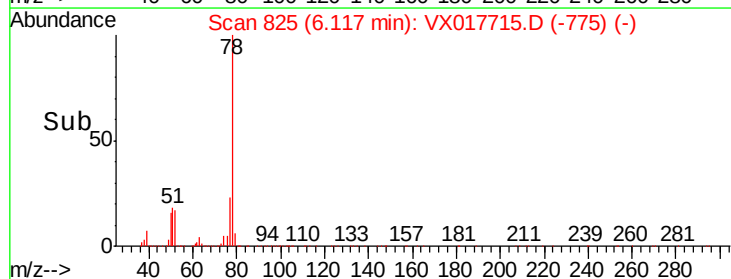
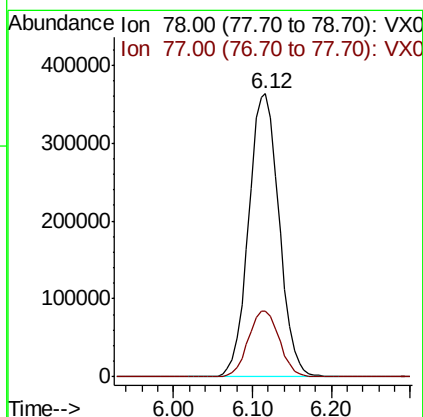
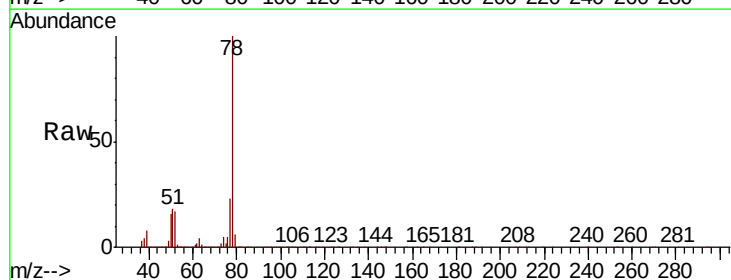
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

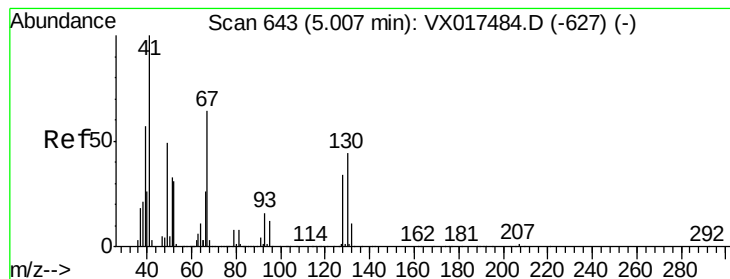
Tot Ion	Ratio	Lower	Upper
83	100		
55	84.1	61.8	92.8
98	45.4	36.9	55.3



#40
Benzene
Concen: 50.893 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





#41

Methacrylonitrile

Concen: 57.548 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 240168

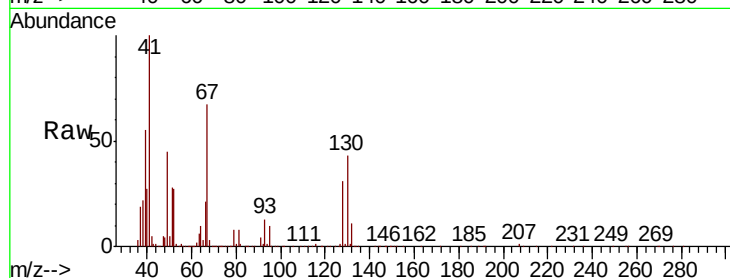
Ion Ratio Lower Upper

41 100

39 55.2 43.9 65.9

67 69.0 54.0 81.0

52 29.3 23.0 34.6

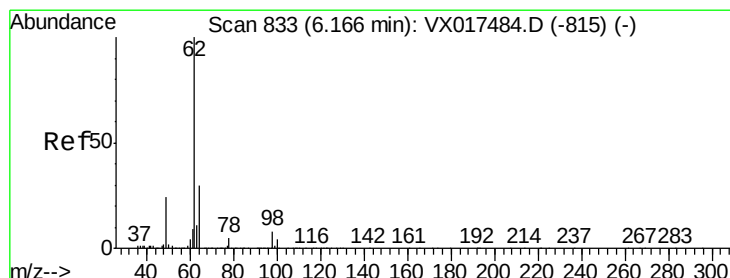
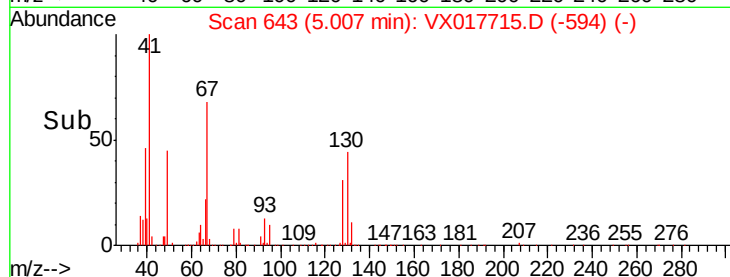
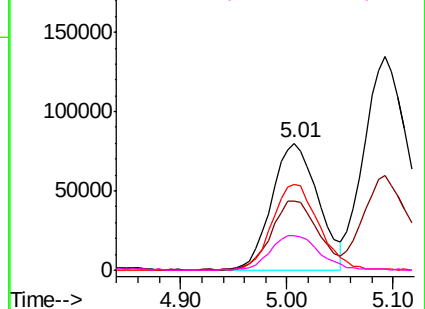


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.057 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017715.D

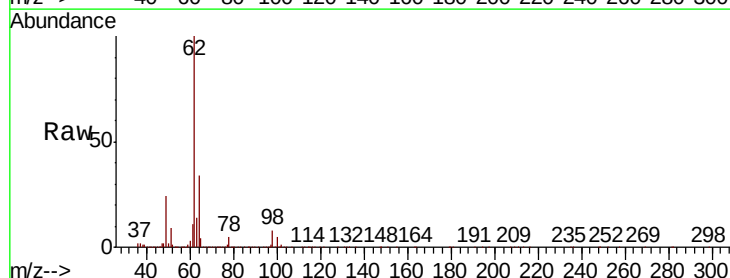
Acq: 31 Jul 2020 21:11

Tgt Ion: 62 Resp: 429708

Ion Ratio Lower Upper

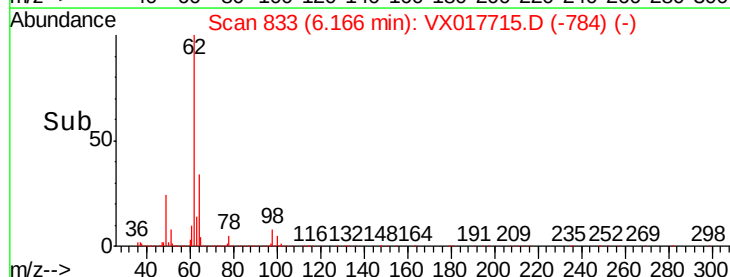
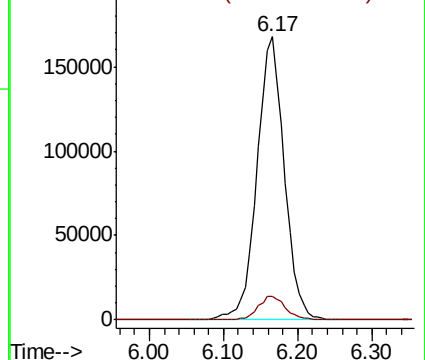
62 100

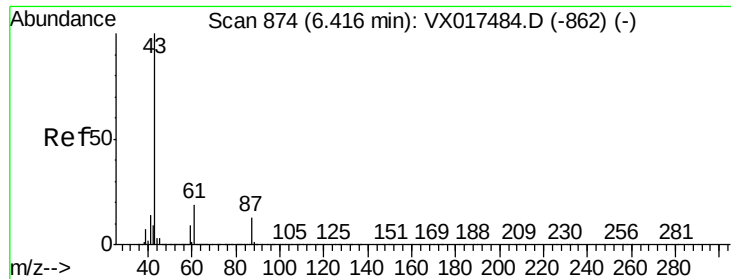
98 8.4 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 56.331 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

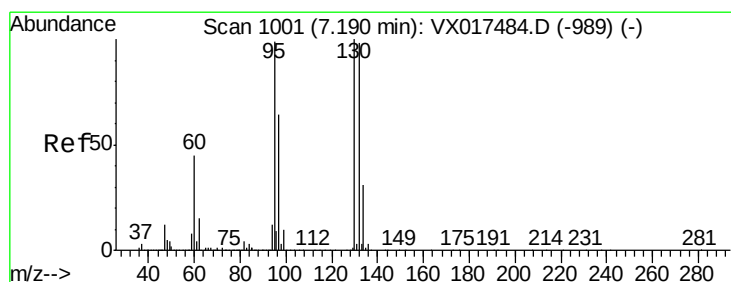
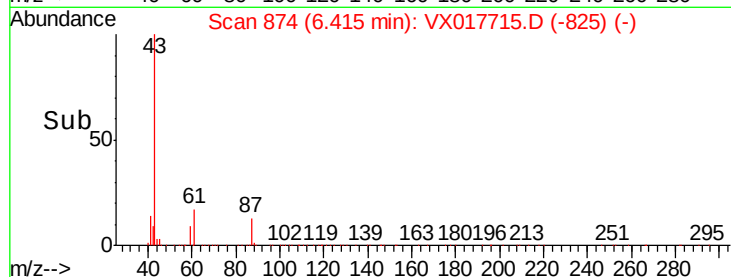
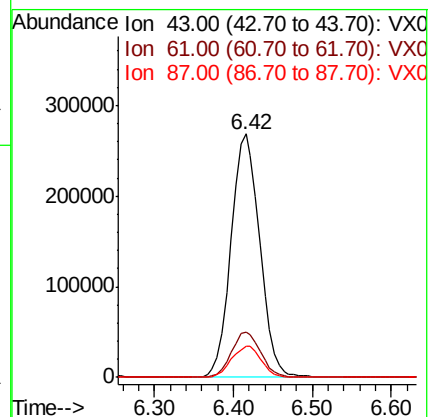
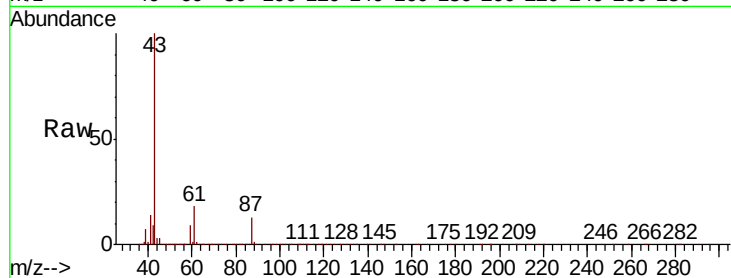
Tot Ion: 43 Resp: 676705

Ion Ratio Lower Upper

43 100

61 19.0 15.5 23.3

87 13.3 10.5 15.7



#44

Trichloroethene

Concen: 48.578 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017715.D

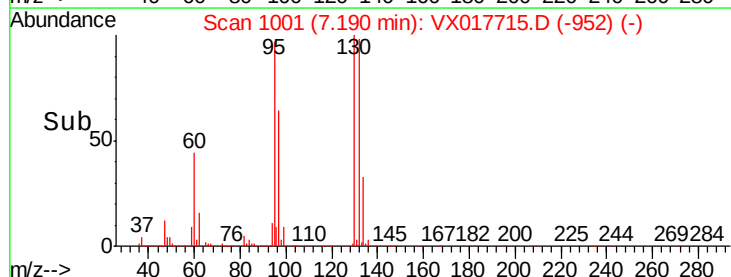
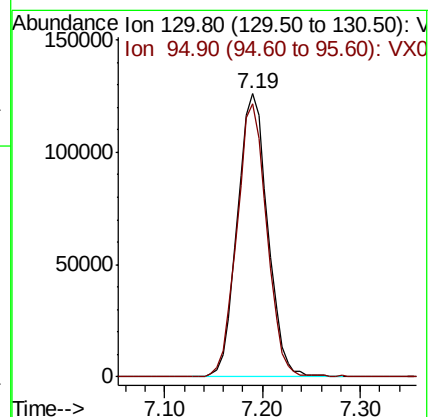
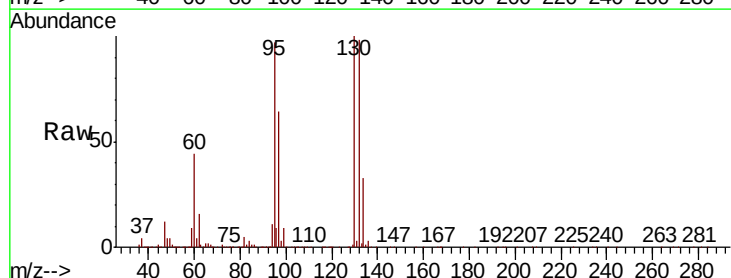
Acq: 31 Jul 2020 21:11

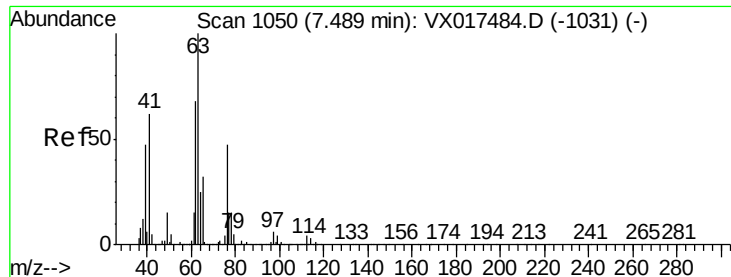
Tgt Ion:130 Resp: 270836

Ion Ratio Lower Upper

130 100

95 96.7 0.0 189.0





#45

1,2-Dichloropropane

Concen: 51.198 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

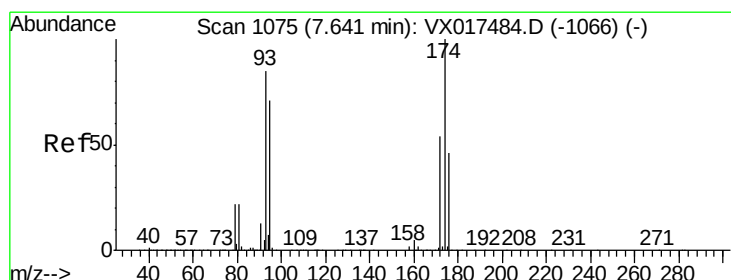
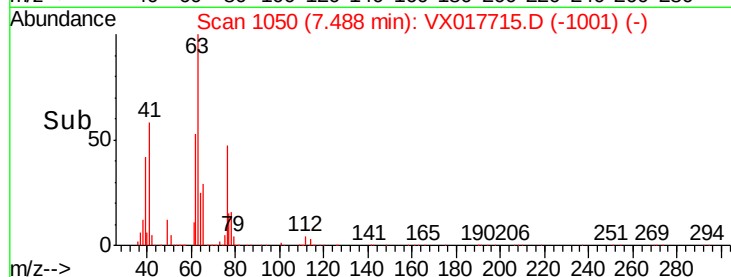
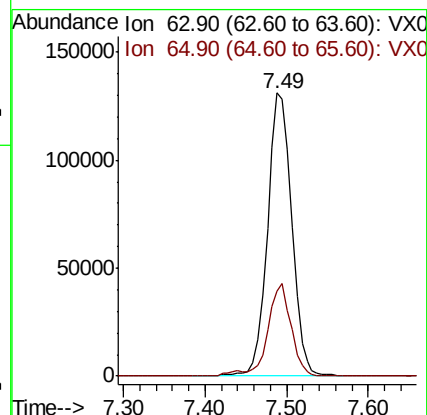
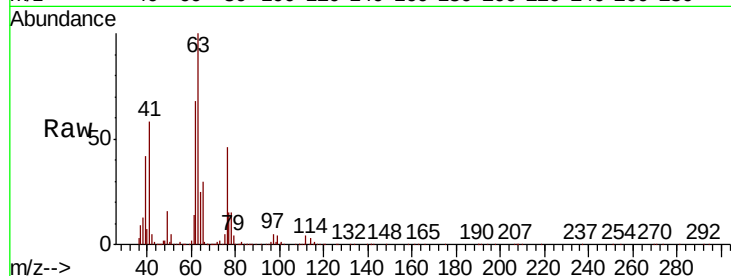
VSTDCCC050

Tot Ion: 63 Resp: 270770

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 53.249 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

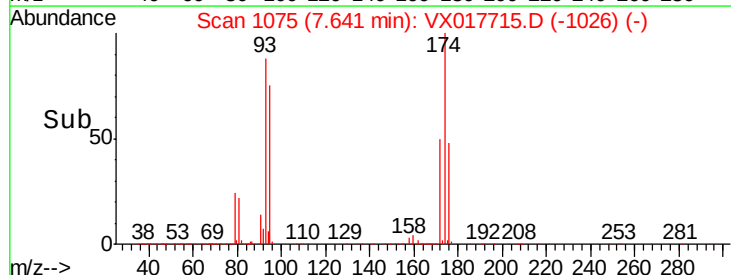
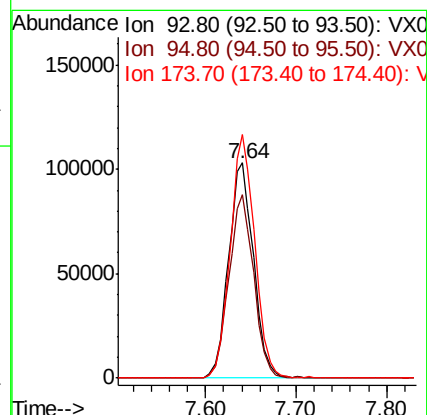
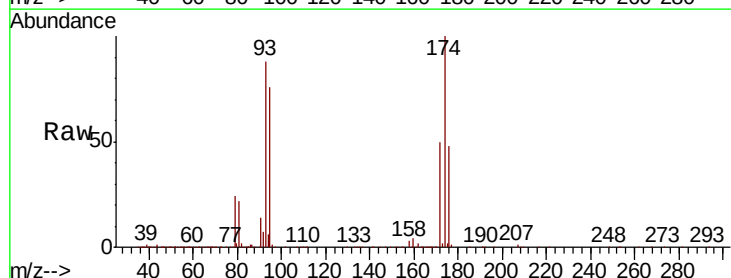
Tgt Ion: 93 Resp: 199020

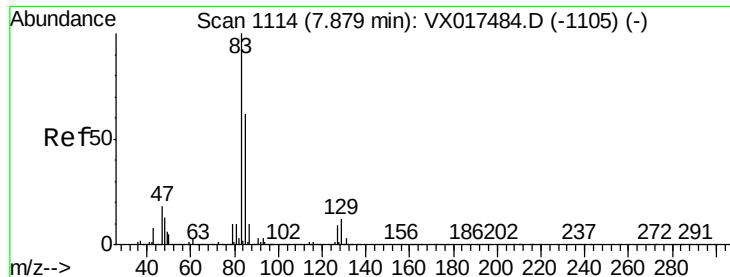
Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

174 111.2 87.0 130.6





#47

Bromodichloromethane

Concen: 54.245 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

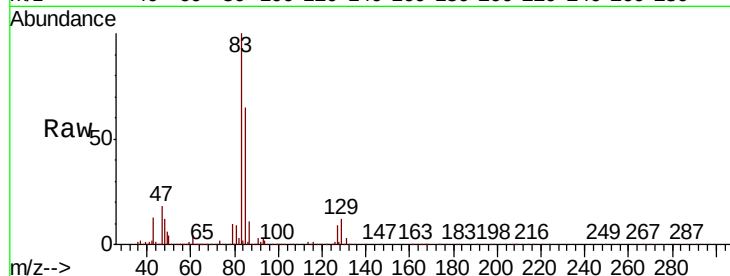
Tot Ion: 83 Resp: 407948

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

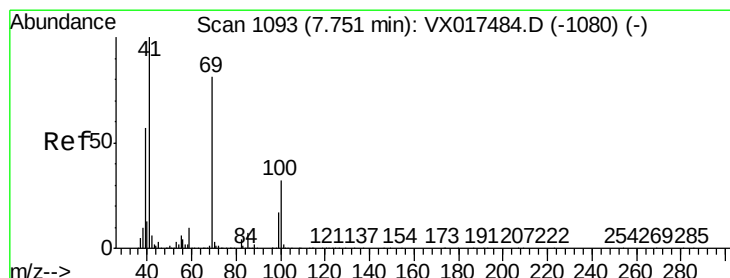
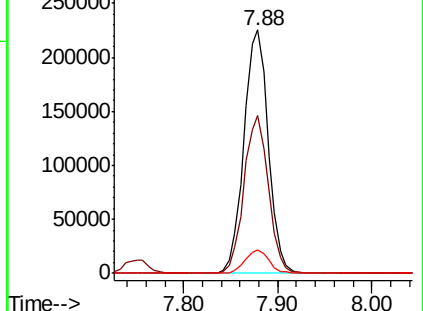
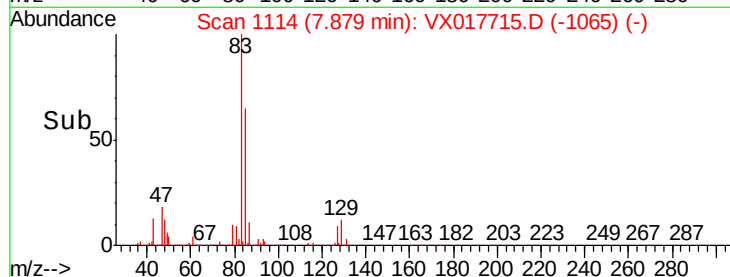
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.581 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

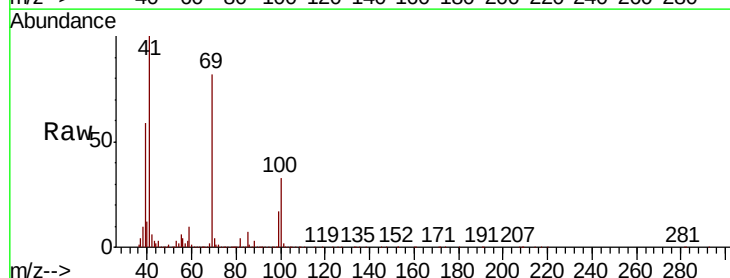
Tgt Ion: 41 Resp: 330973

Ion Ratio Lower Upper

41 100

69 82.5 63.1 94.7

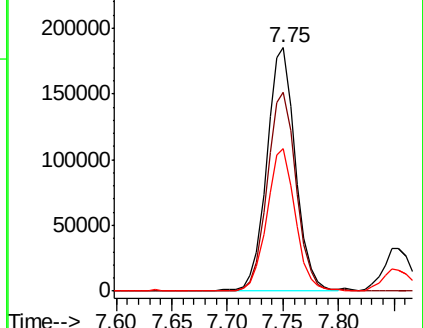
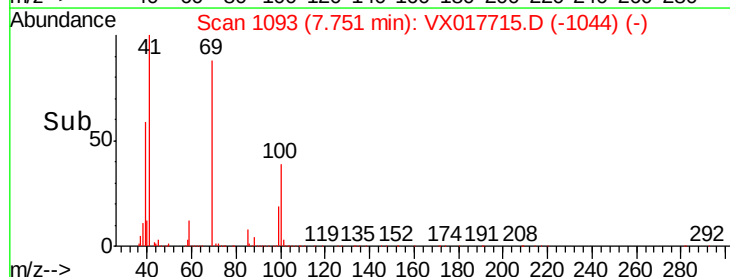
39 57.8 45.1 67.7

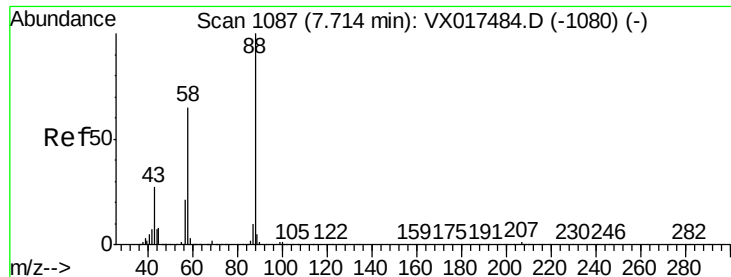


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1175.420 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

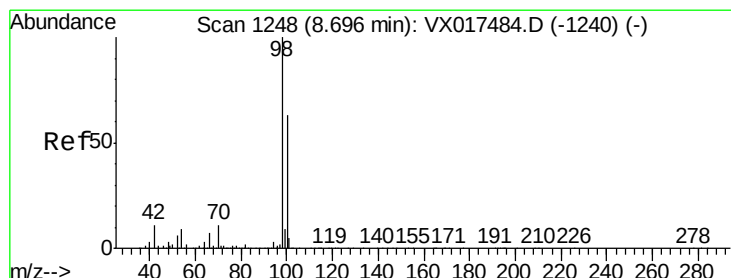
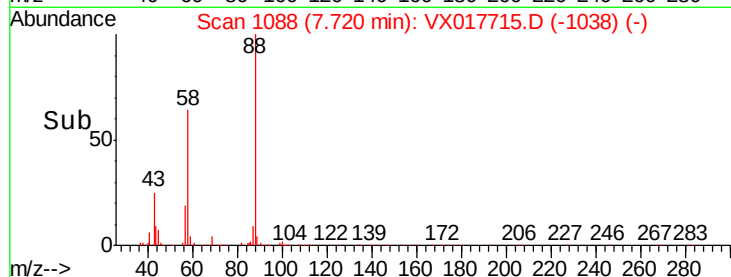
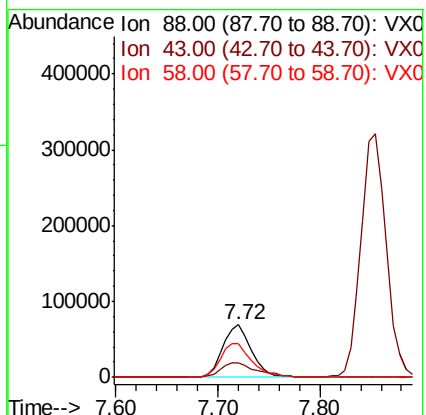
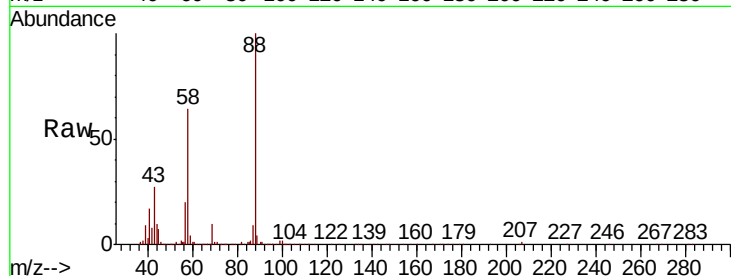
Tot Ion: 88 Resp: 134194

Ion Ratio Lower Upper

88 100

43 34.1 27.8 41.6

58 70.5 58.3 87.5



#50

Toluene-d8

Concen: 50.133 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017715.D

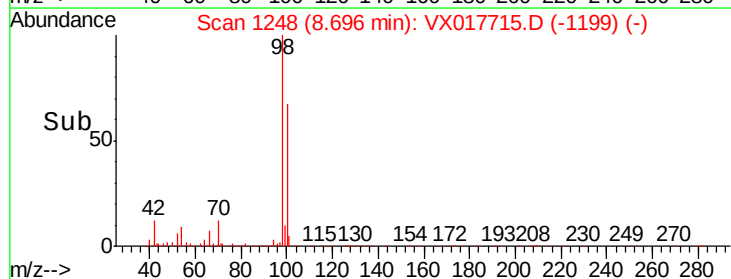
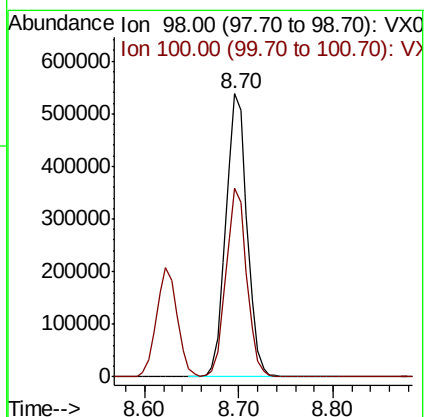
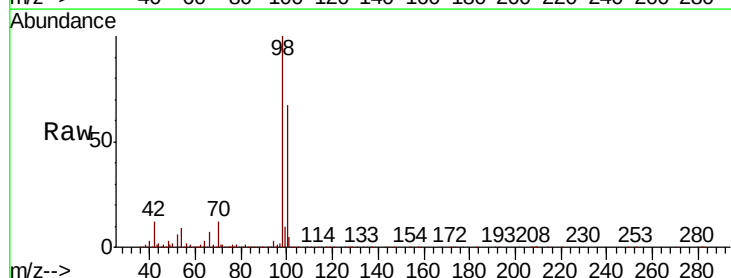
Acq: 31 Jul 2020 21:11

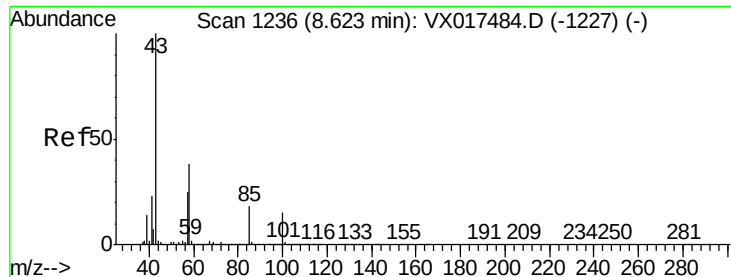
Tgt Ion: 98 Resp: 839222

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

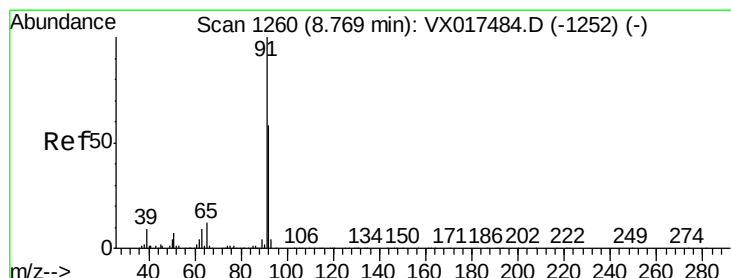
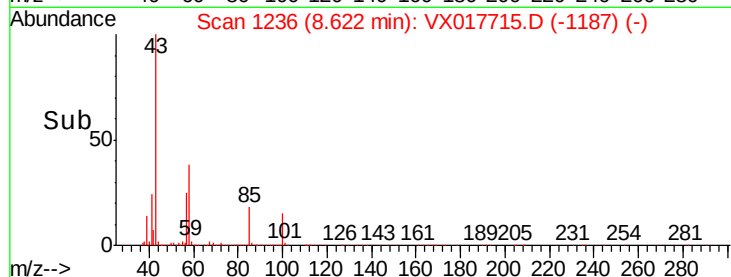
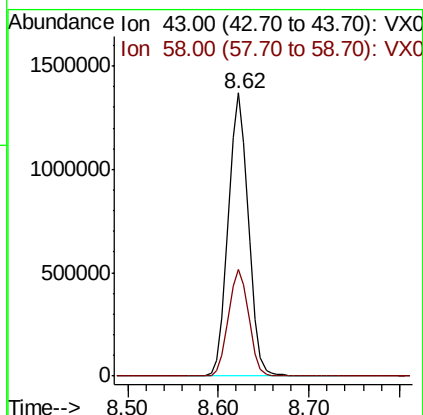
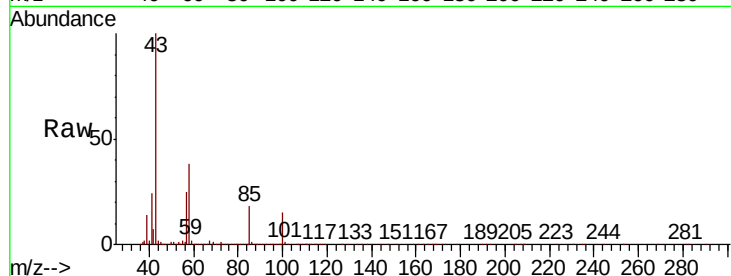




#51
 4-Methyl-2-Pentanone
 Concen: 294.501 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

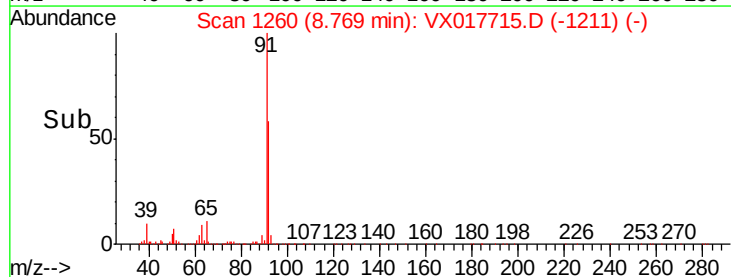
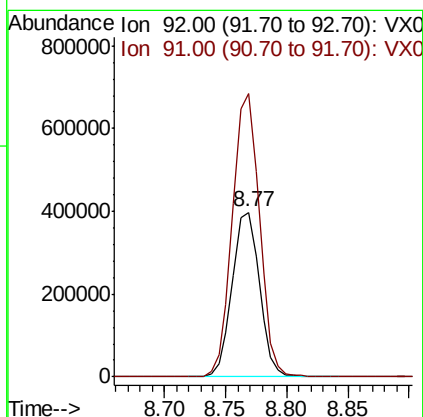
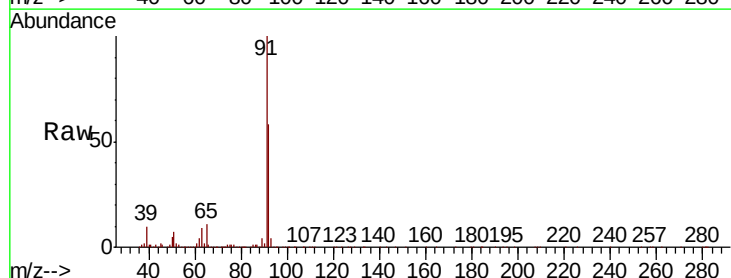
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

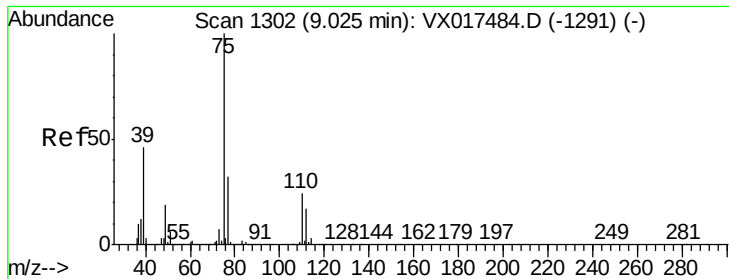
Tot Ion: 43 Resp: 2110905
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.4



#52
 Toluene
 Concen: 50.216 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 92 Resp: 614386
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.614 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

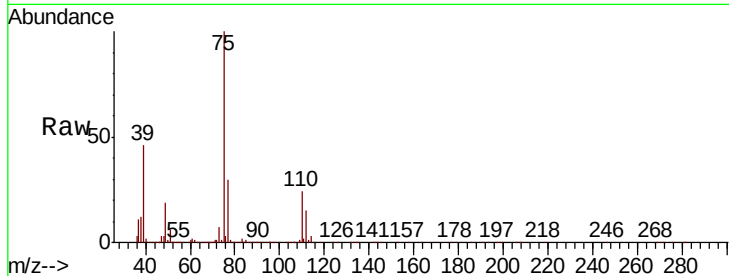
VSTDCCC050

Tot Ion: 75 Resp: 459771

Ion Ratio Lower Upper

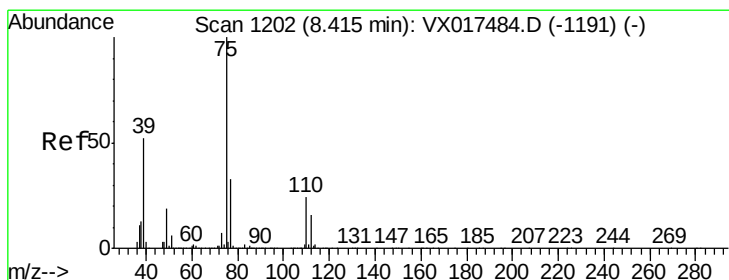
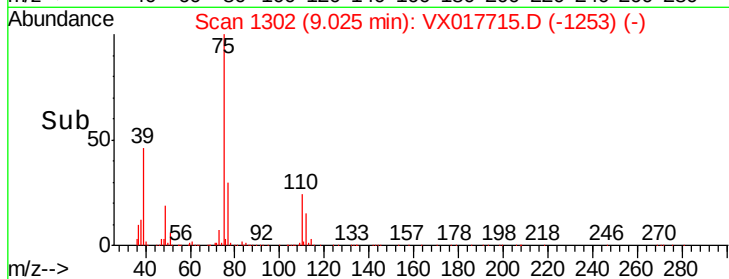
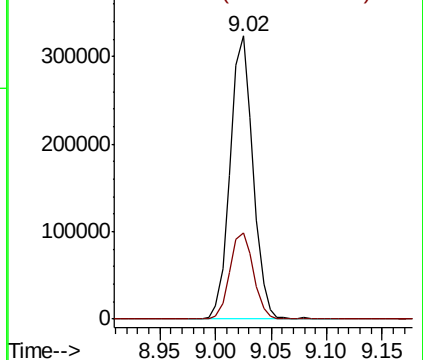
75 100

77 30.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.808 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

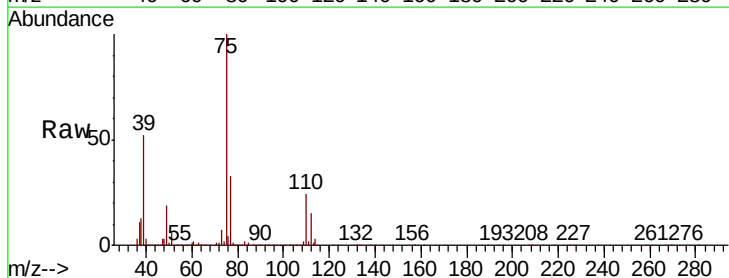
Tgt Ion: 75 Resp: 462044

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

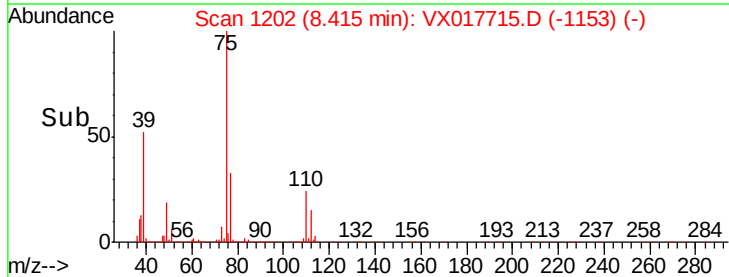
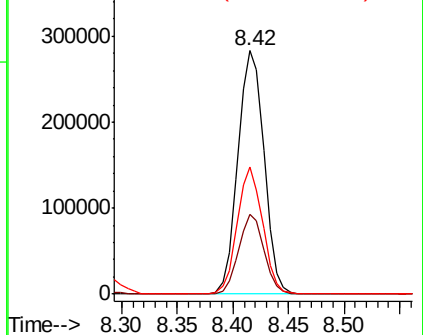
39 52.0 41.8 62.8

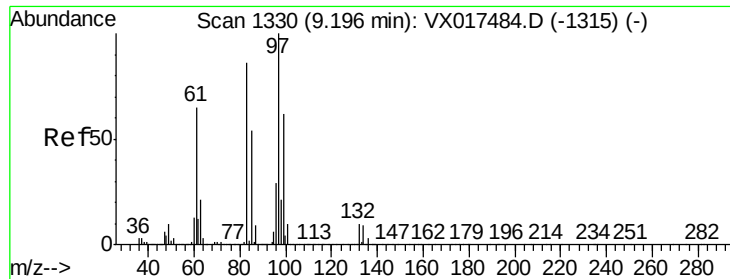


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

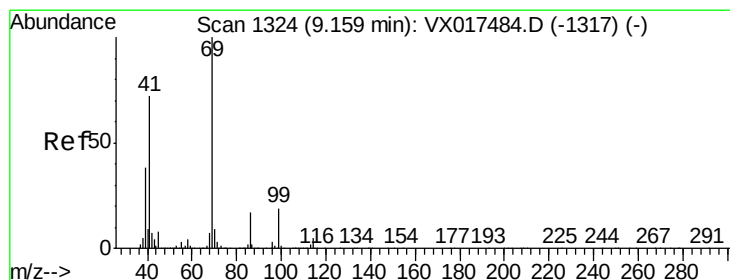
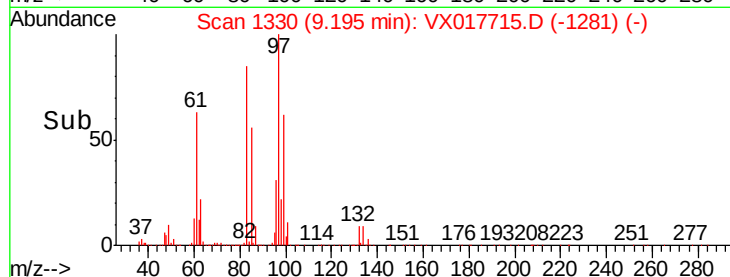
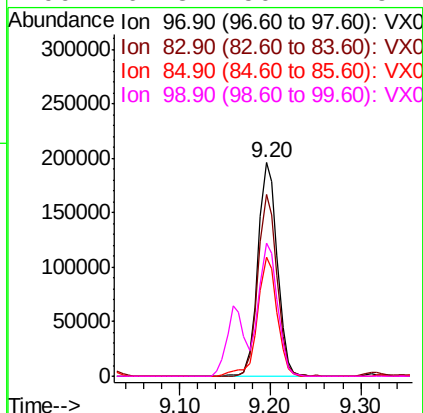
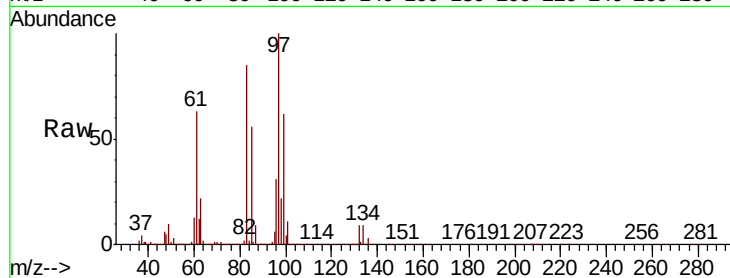




#55
 1,1,2-Trichloroethane
 Concen: 56.804 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

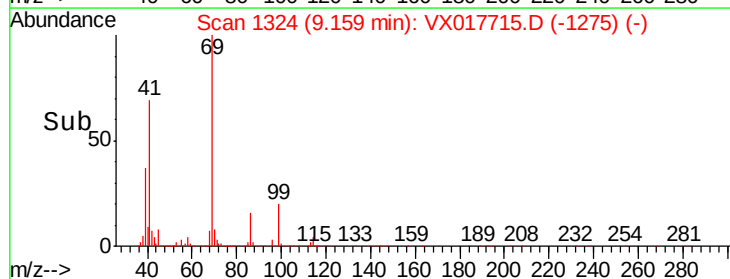
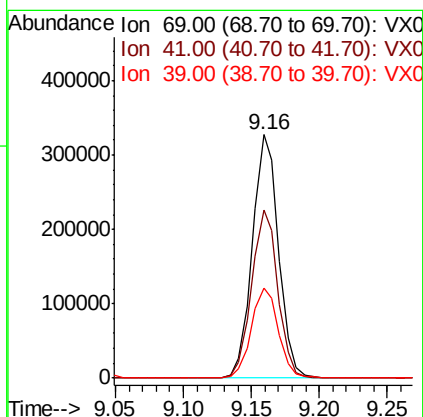
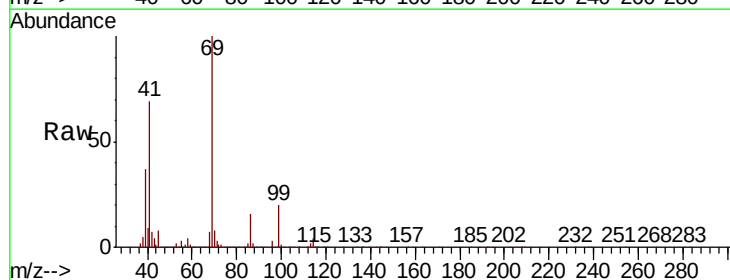
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

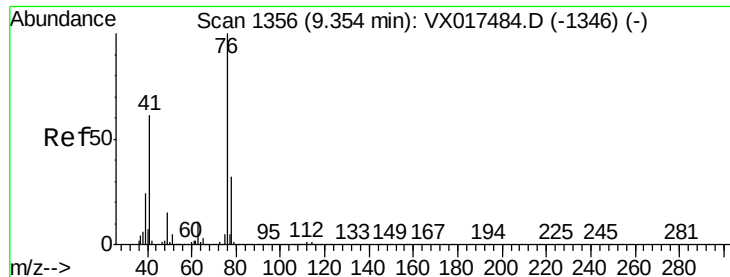
Tot Ion:	97	Resp:	289518
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.6	101.4
85	55.7	44.6	67.0
99	62.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 57.541 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion:	69	Resp:	441839
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.0	82.6
39	38.3	30.0	45.0





#57

1,3-Dichloropropane

Concen: 55.905 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

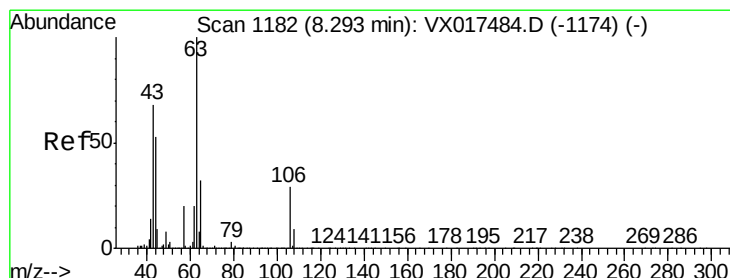
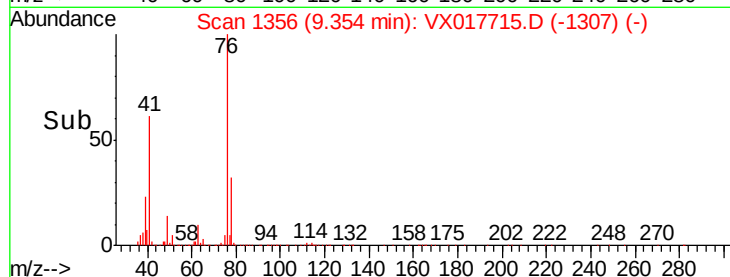
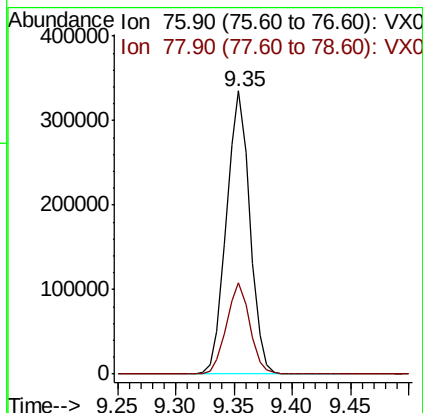
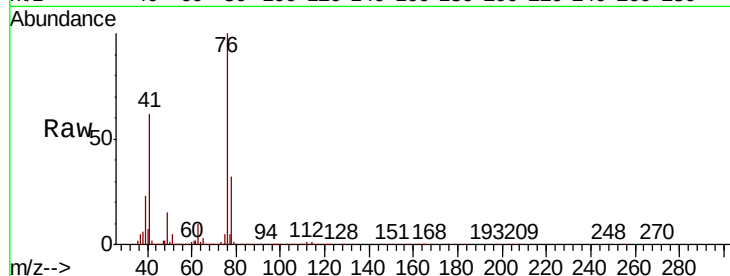
VSTDCCC050

Tot Ion: 76 Resp: 469176

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.999 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017715.D

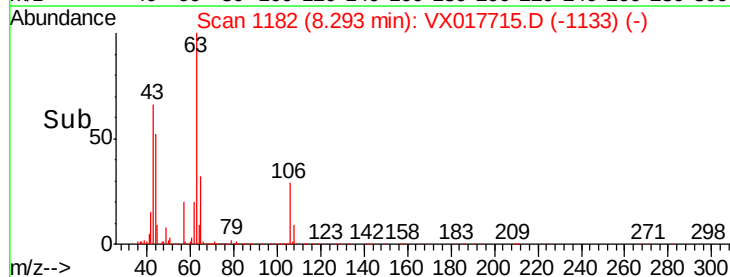
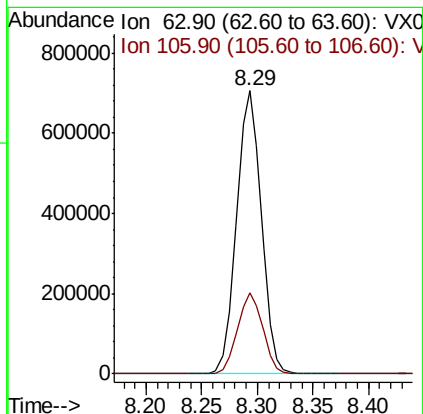
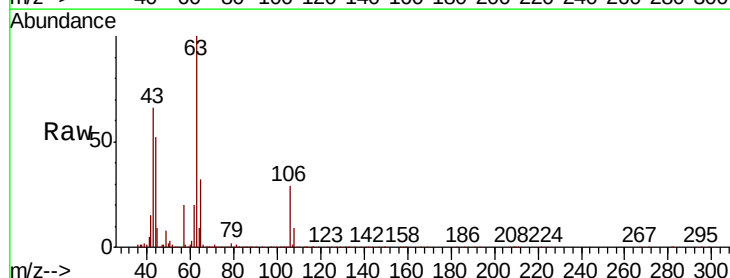
Acq: 31 Jul 2020 21:11

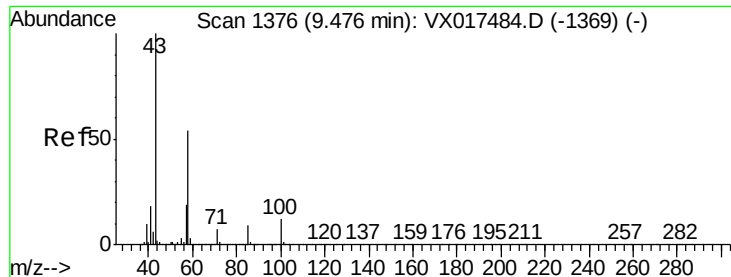
Tgt Ion: 63 Resp: 1084185

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0

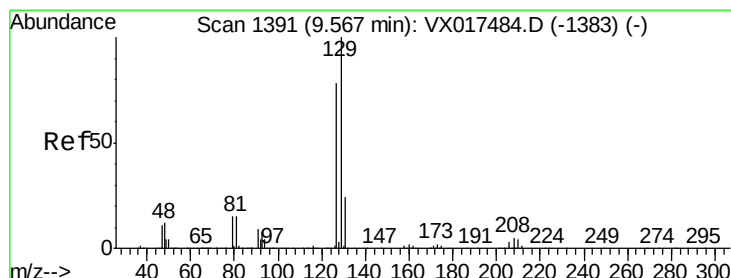
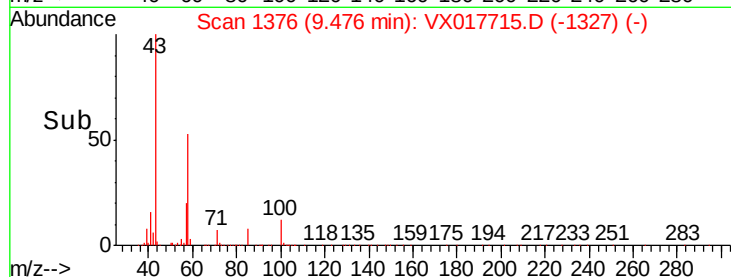
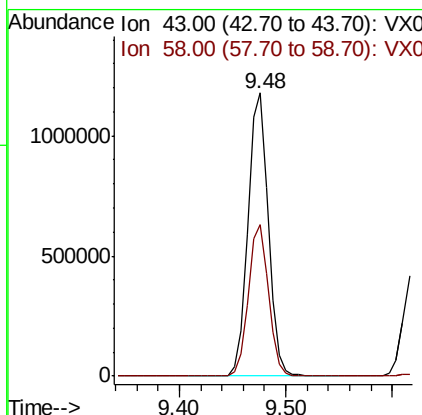
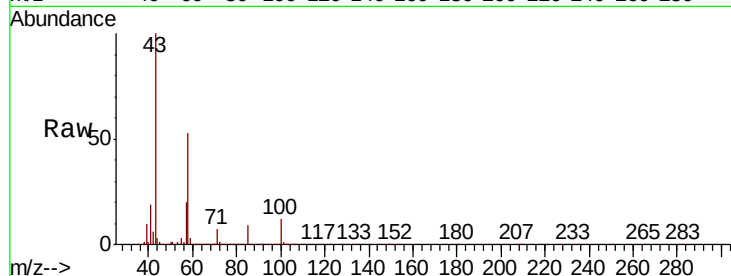




#59
2-Hexanone
Concen: 292.014 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

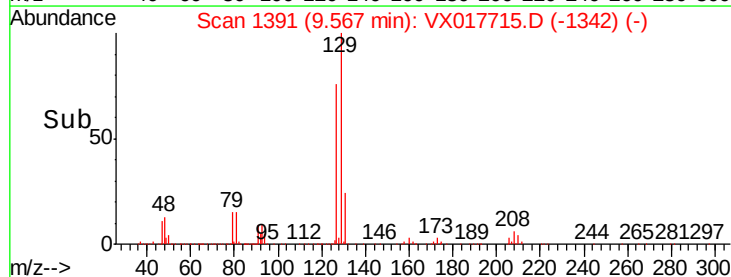
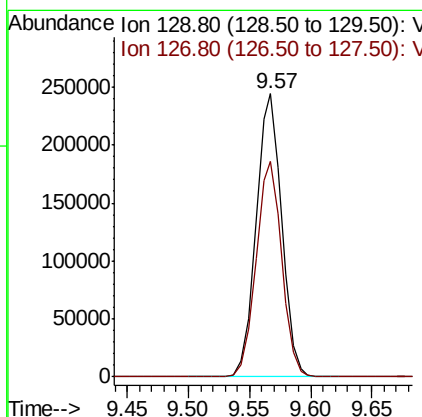
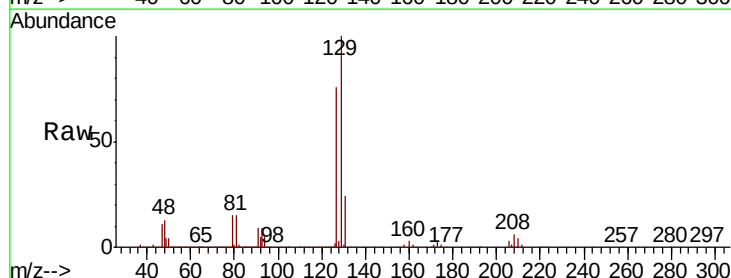
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

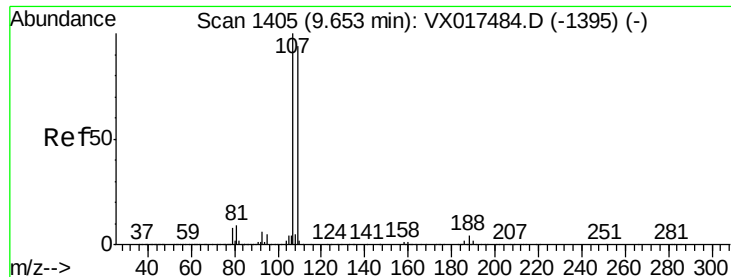
Tot Ion: 43 Resp: 1575853
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.8



#60
Dibromochloromethane
Concen: 55.127 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 129 Resp: 357118
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 57.734 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

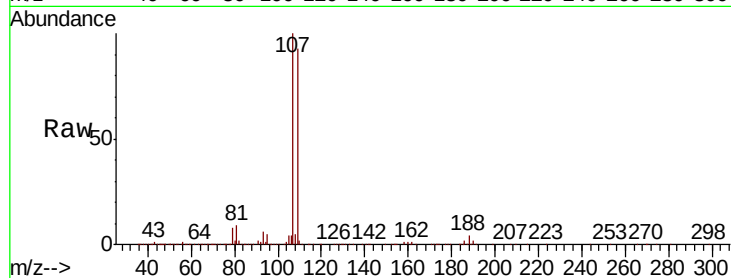
VSTDCCC050

Tot Ion:107 Resp: 313280

Ion Ratio Lower Upper

107 100

109 94.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

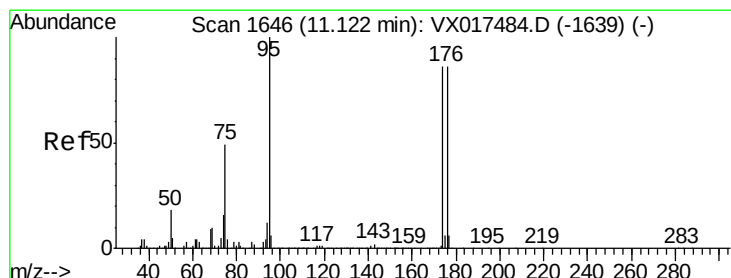
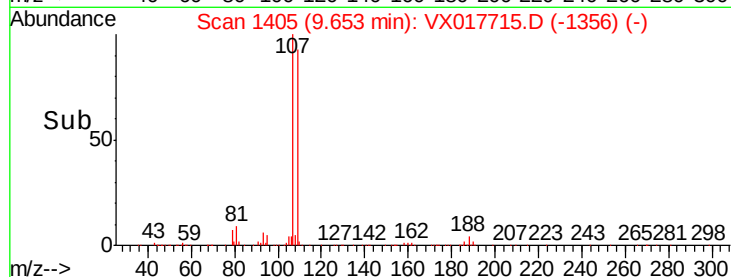
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.906 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

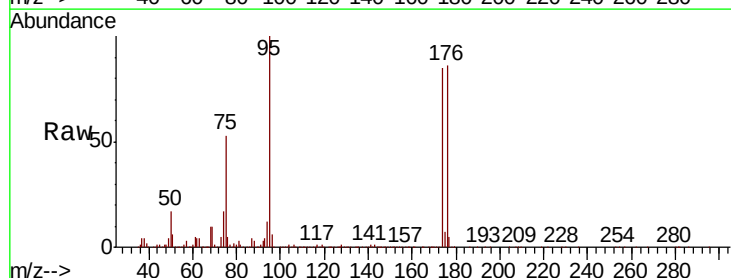
Tgt Ion: 95 Resp: 341036

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.0

176 82.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

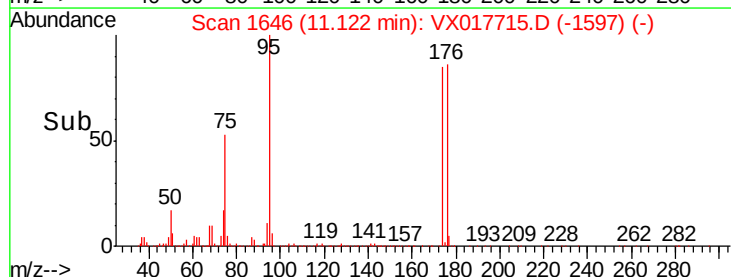
300000

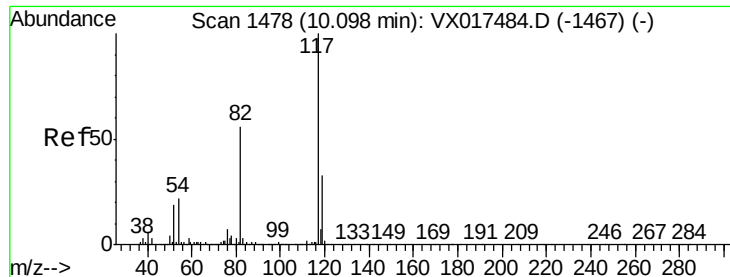
200000

100000

0

Time-->

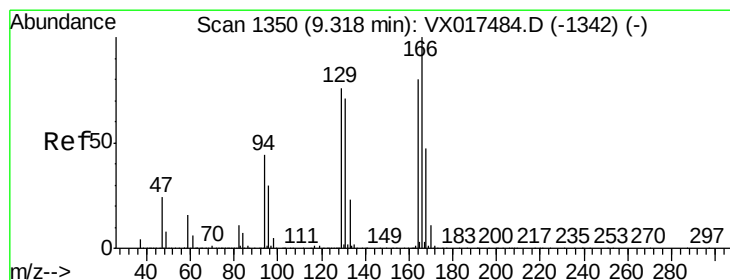
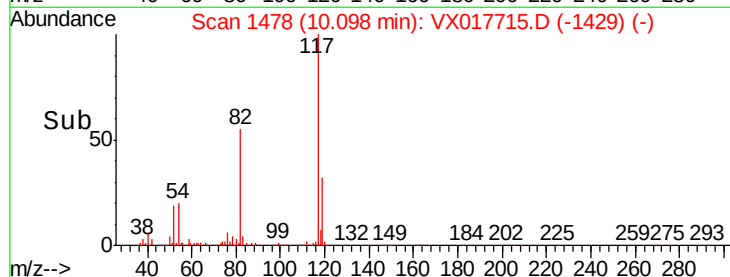
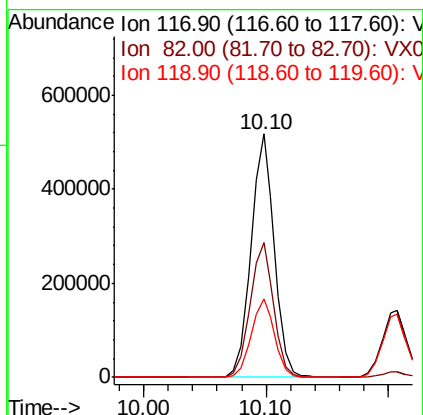
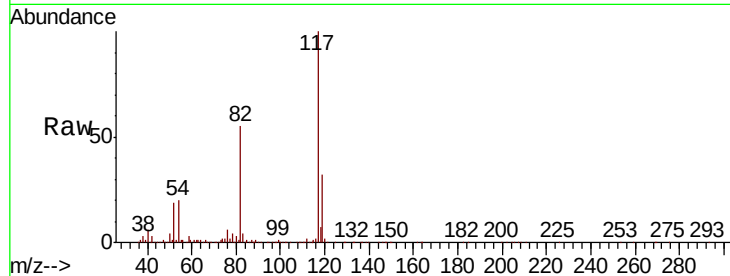




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

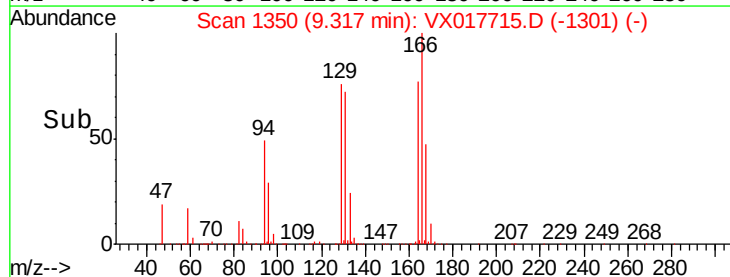
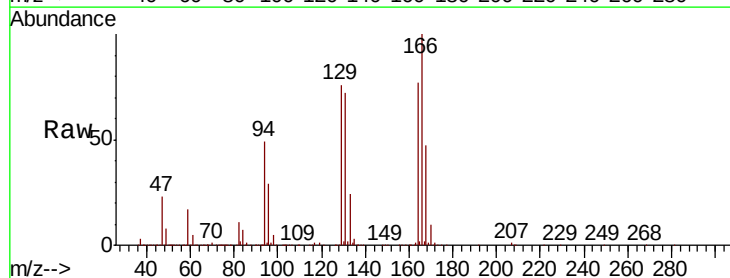
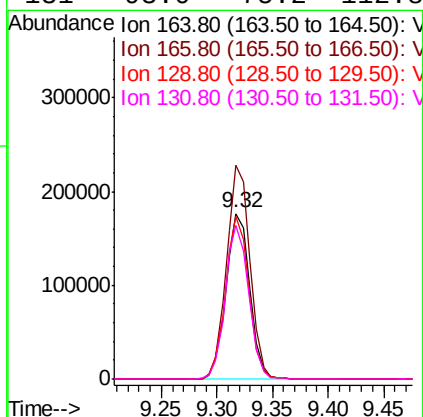
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

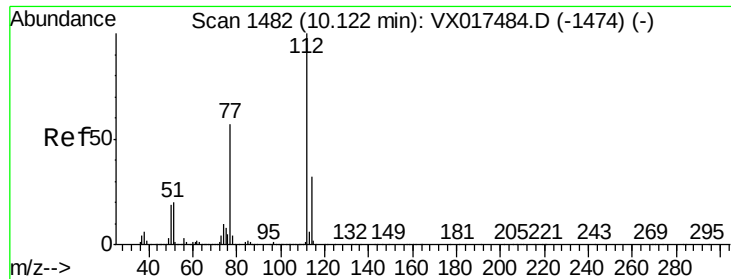
Tot Ion:117 Resp: 681427
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 42.427 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion:164 Resp: 259483
Ion Ratio Lower Upper
164 100
166 129.3 100.6 150.8
129 98.5 75.0 112.6
131 93.0 75.2 112.8

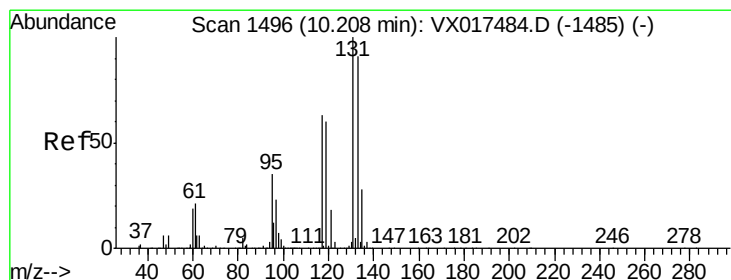
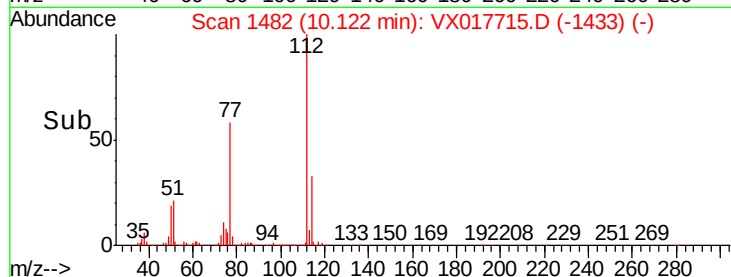
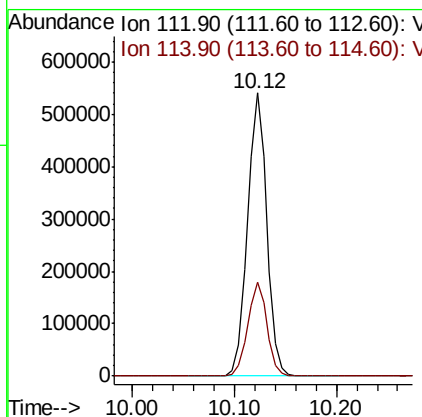
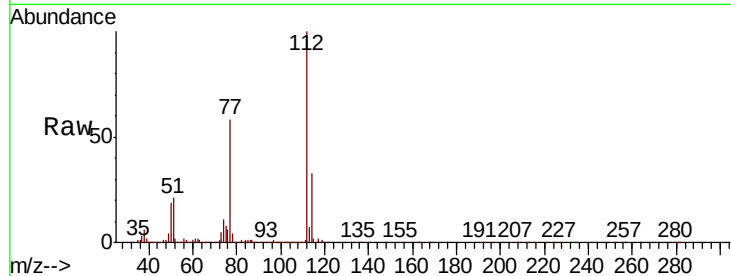




#65
Chlorobenzene
Concen: 48.143 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

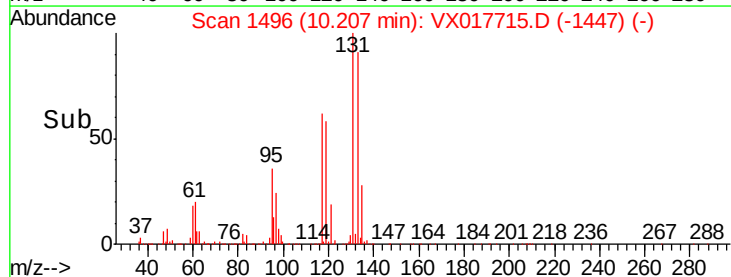
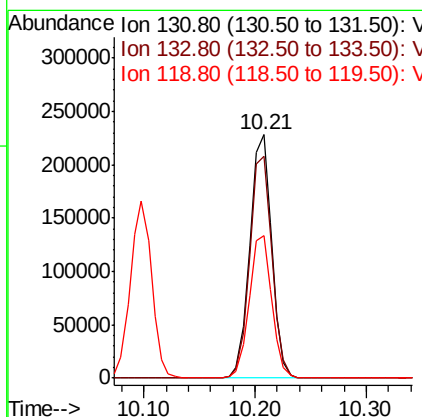
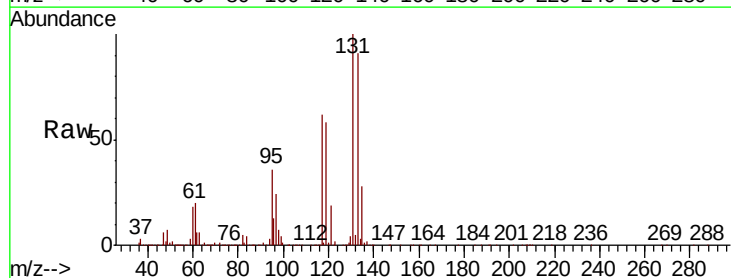
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

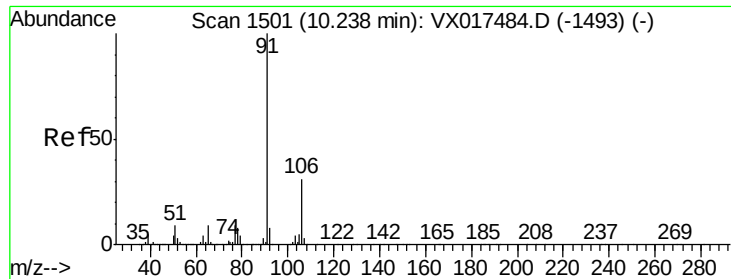
Tot Ion:112 Resp: 710095
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.137 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion:131 Resp: 310359
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.6
119 60.3 31.1 93.3





#67

Ethyl Benzene

Concen: 46.951 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

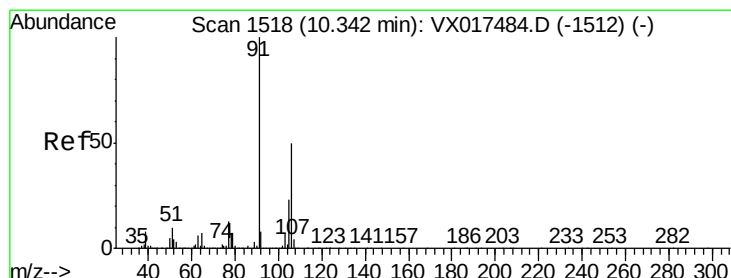
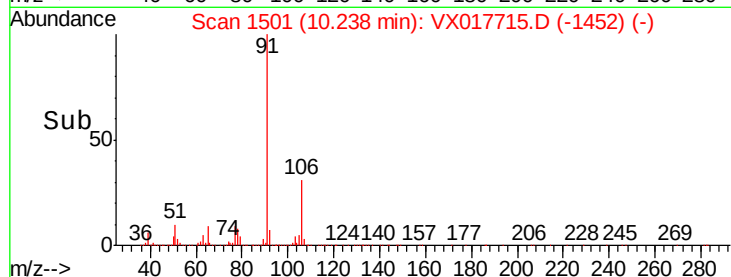
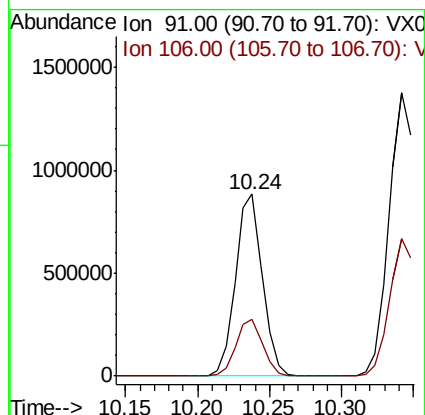
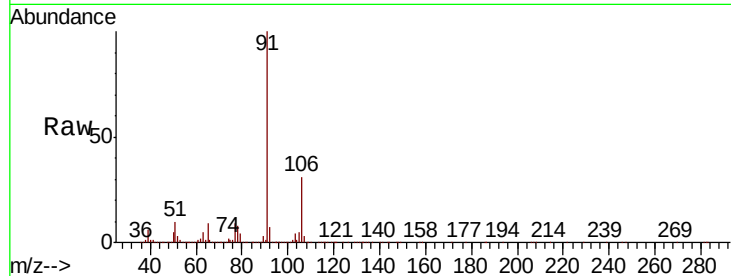
VSTDCCC050

Tot Ion: 91 Resp: 1155984

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.6



#68

m/p-Xylenes

Concen: 91.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017715.D

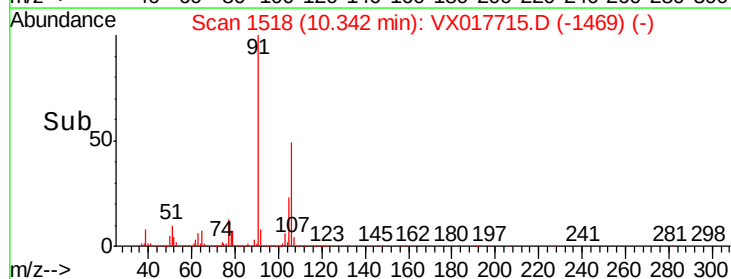
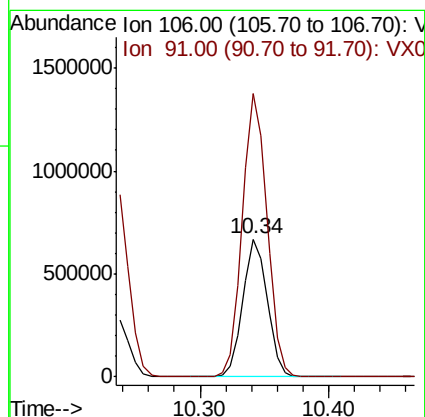
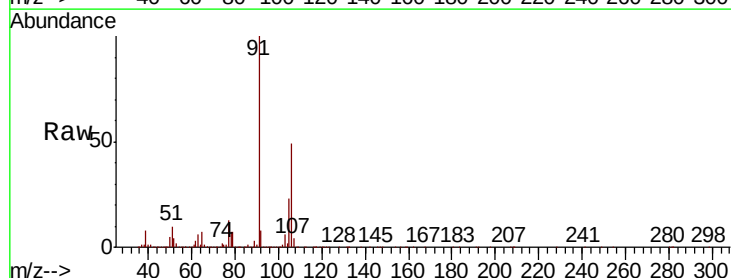
Acq: 31 Jul 2020 21:11

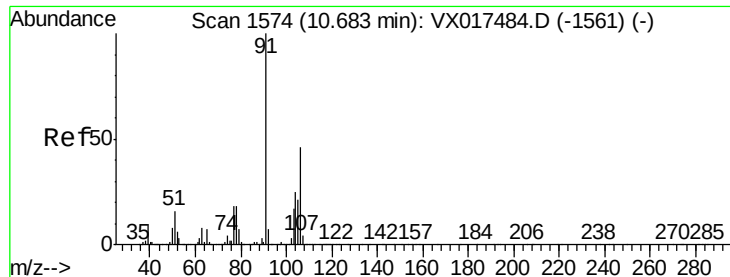
Tgt Ion: 106 Resp: 875453

Ion Ratio Lower Upper

106 100

91 208.4 160.9 241.3

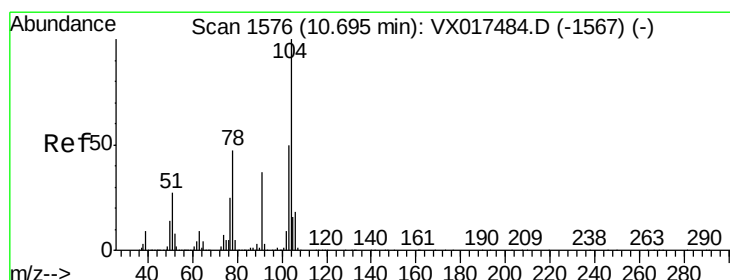
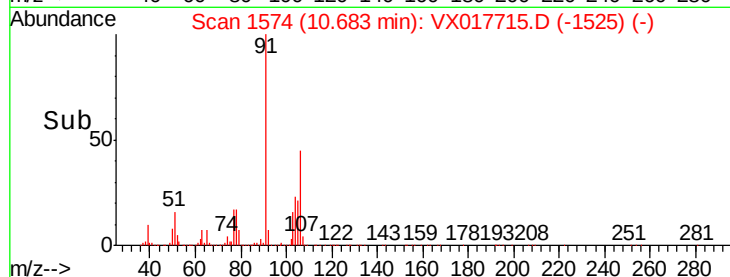
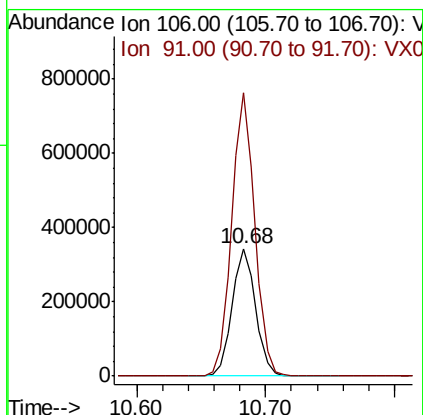
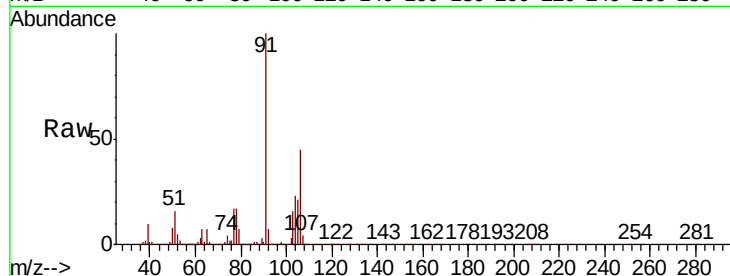




#69
o-Xylene
Concen: 47.690 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

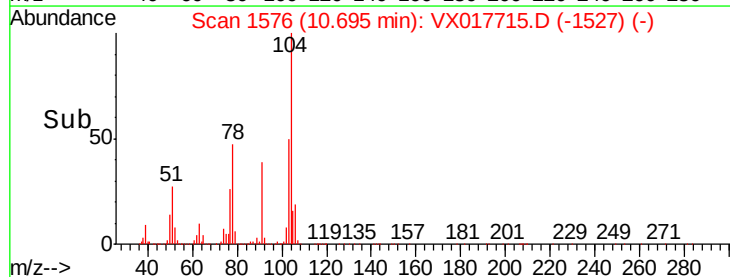
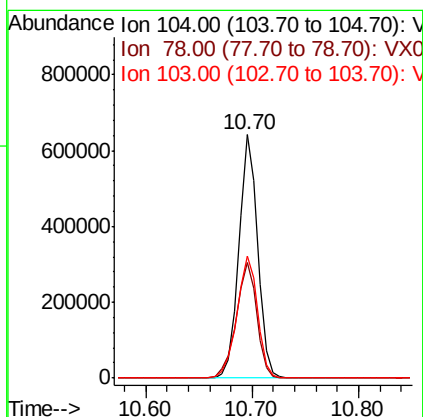
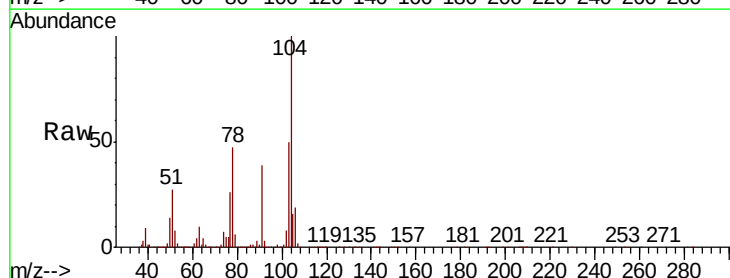
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

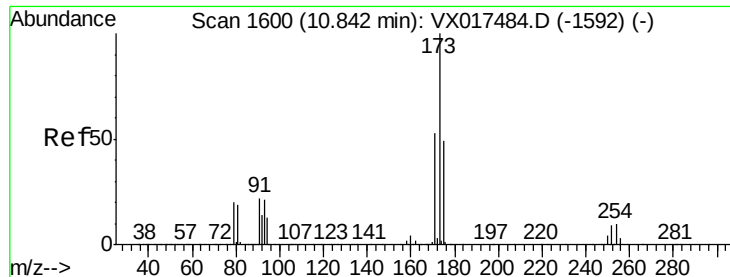
Tot Ion:106 Resp: 437490
Ion Ratio Lower Upper
106 100
91 218.7 108.2 324.6



#70
Styrene
Concen: 51.168 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion:104 Resp: 798638
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 55.3 44.3 66.5





#71

Bromoform

Concen: 54.570 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

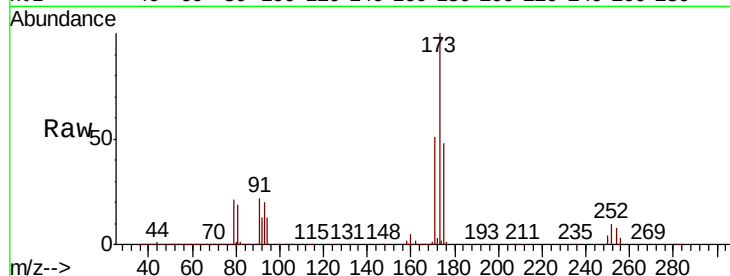
Tot Ion:173 Resp: 281436

Ion Ratio Lower Upper

173 100

175 47.1 23.8 71.5

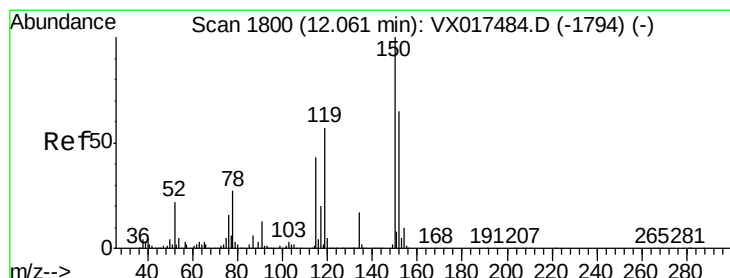
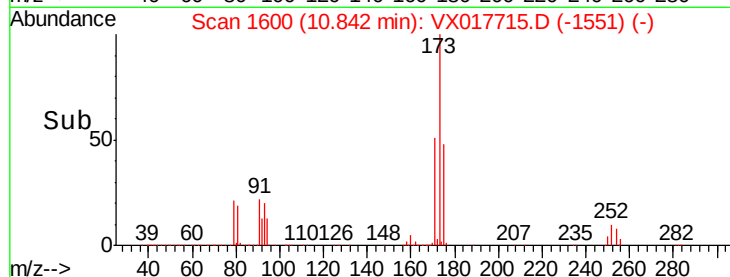
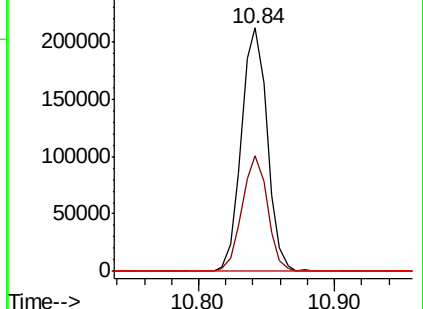
254 0.1 0.1 0.1#



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: VX017715.D

Acq: 31 Jul 2020 21:11

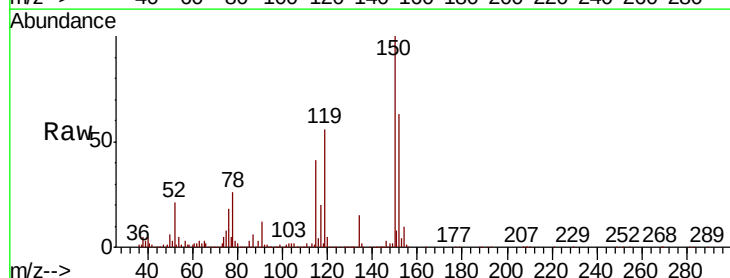
Tgt Ion:152 Resp: 382212

Ion Ratio Lower Upper

152 100

115 78.2 65.5 196.6

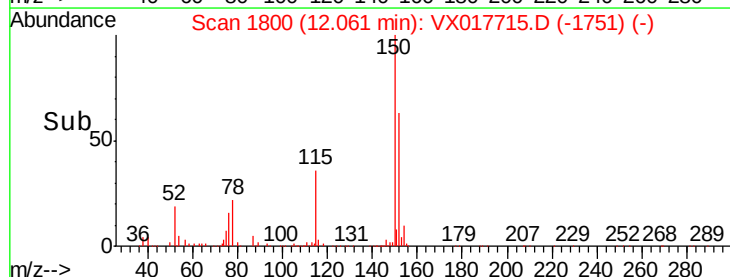
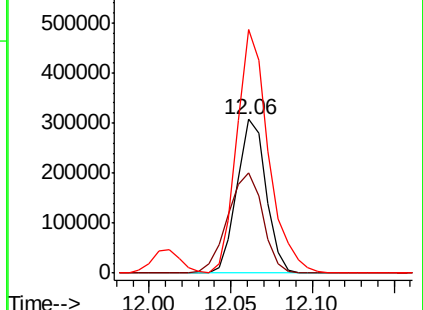
150 171.9 0.0 412.6

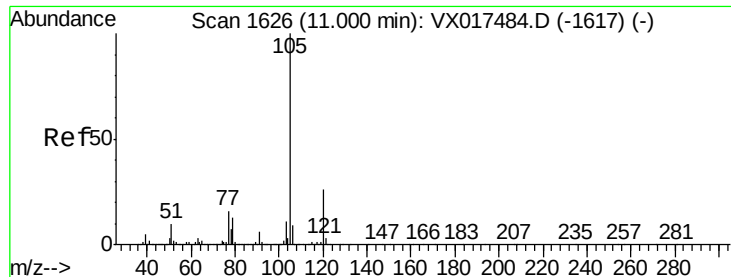


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.238 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

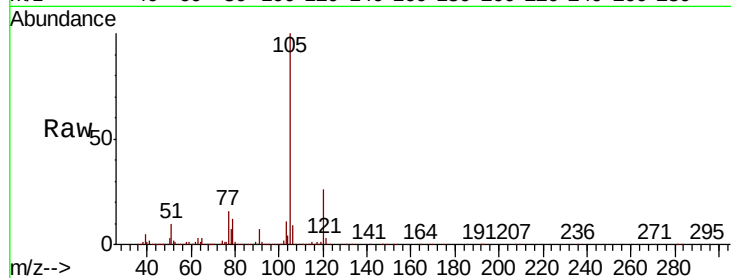
VSTDCCC050

Tot Ion:105 Resp: 1107501

Ion Ratio Lower Upper

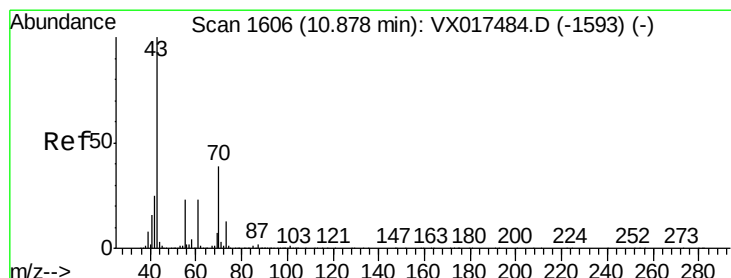
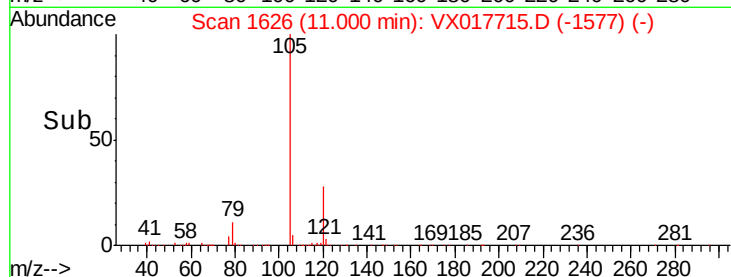
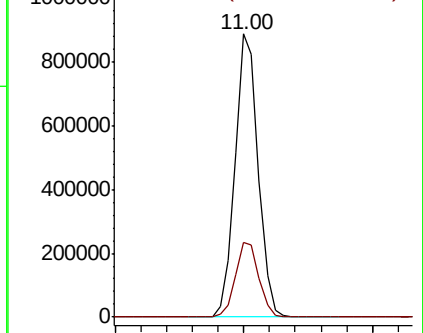
105 100

120 26.8 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: 48.489 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Tgt Ion: 43 Resp: 564893

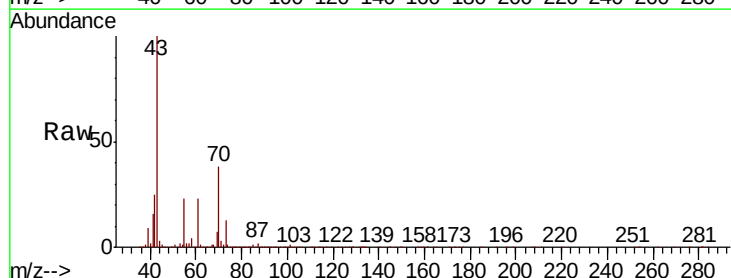
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.8 18.4 27.6

61 23.4 18.6 28.0

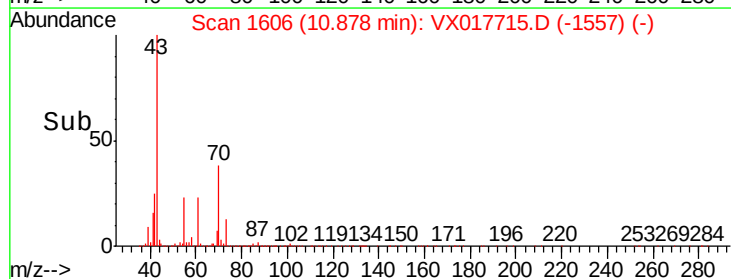
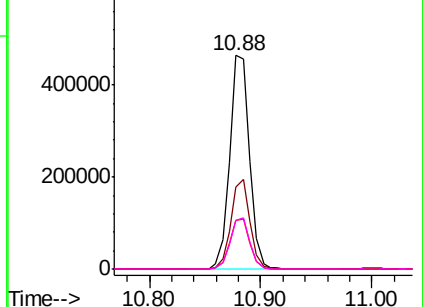


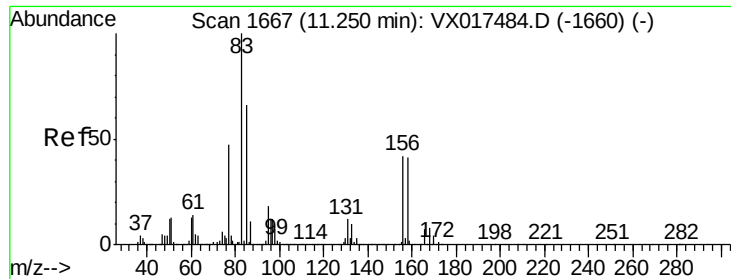
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.009 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

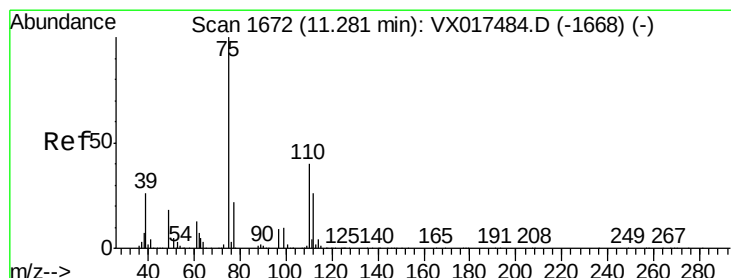
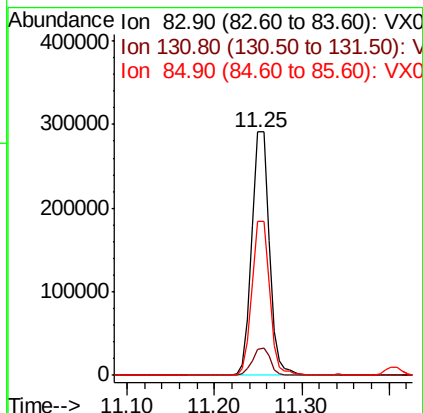
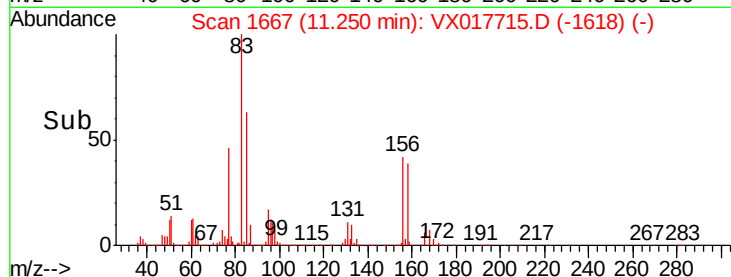
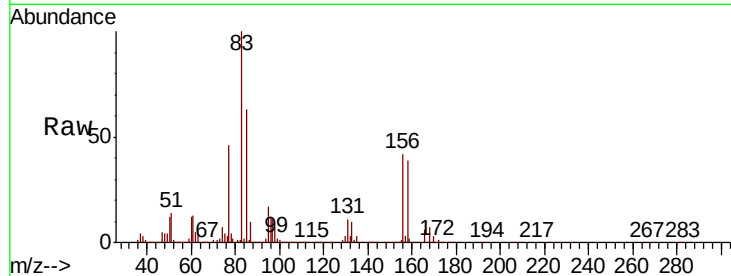
Tot Ion: 83 Resp: 401103

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 64.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 65.958 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017715.D

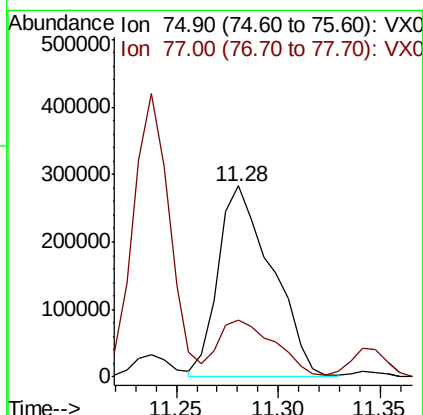
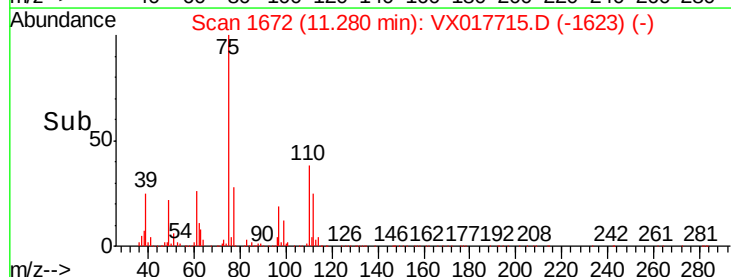
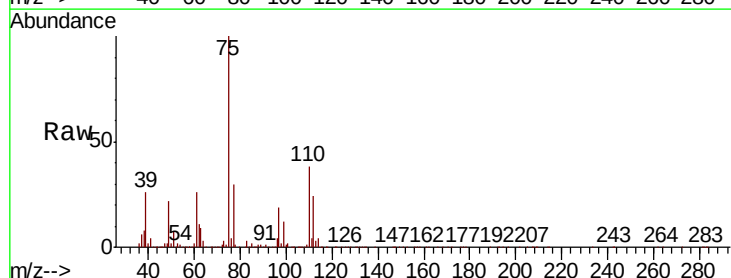
Acq: 31 Jul 2020 21:11

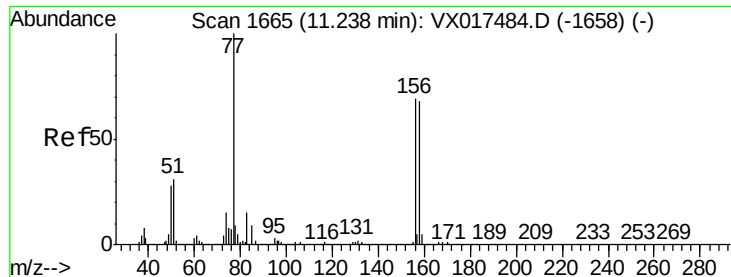
Tgt Ion: 75 Resp: 518580

Ion Ratio Lower Upper

75 100

77 31.1 21.8 65.3





#77

Bromobenzene

Concen: 46.578 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

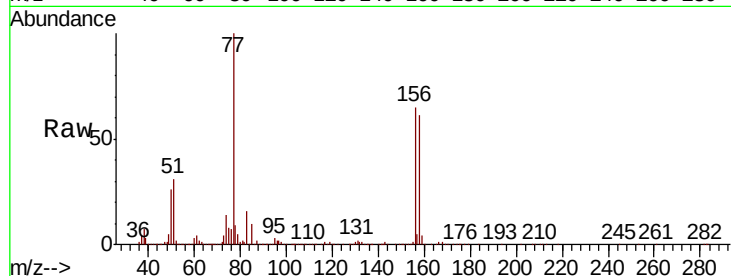
Tot Ion:156 Resp: 341902

Ion Ratio Lower Upper

156 100

77 152.3 75.0 225.0

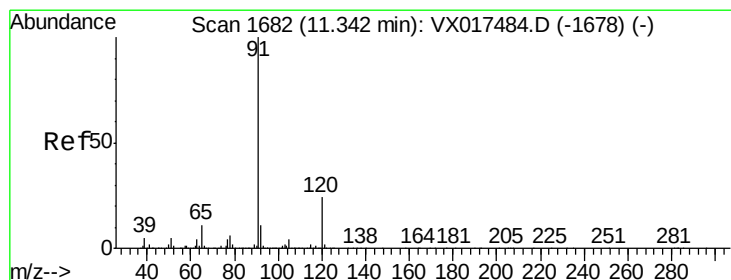
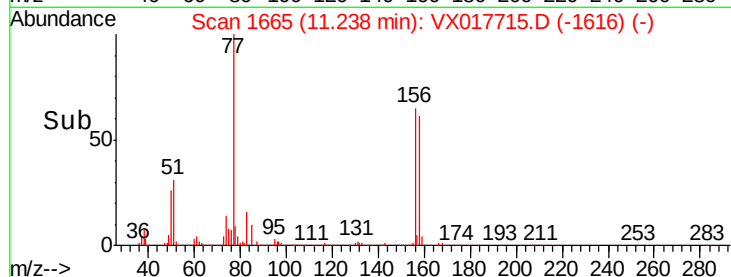
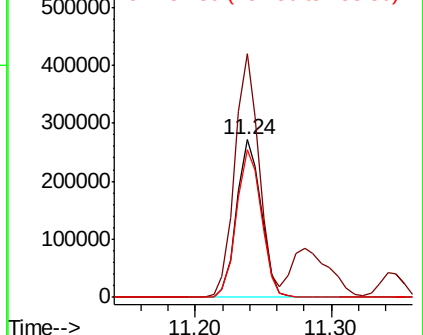
158 94.8 49.1 147.3



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: 43.054 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017715.D

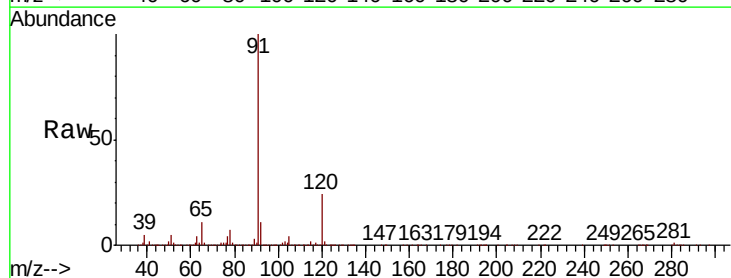
Acq: 31 Jul 2020 21:11

Tgt Ion: 91 Resp: 1273200

Ion Ratio Lower Upper

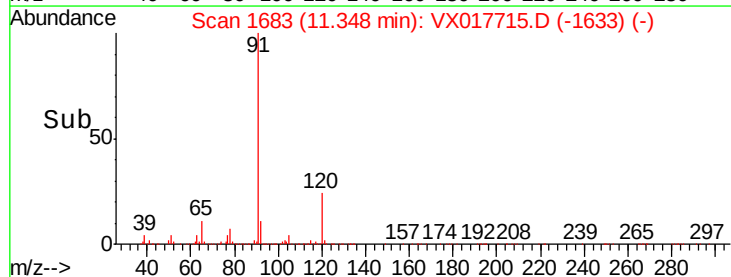
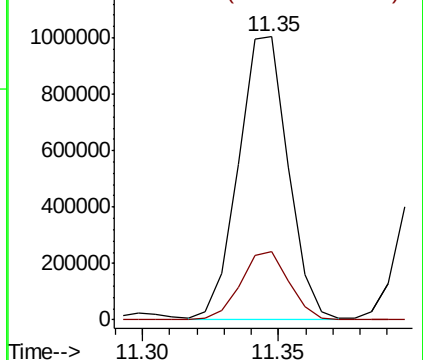
91 100

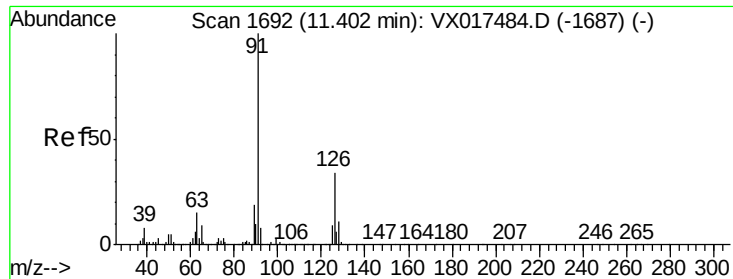
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

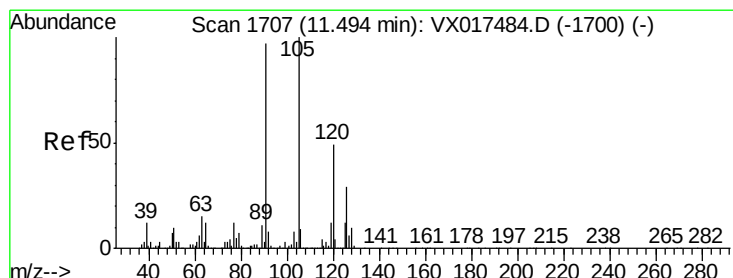
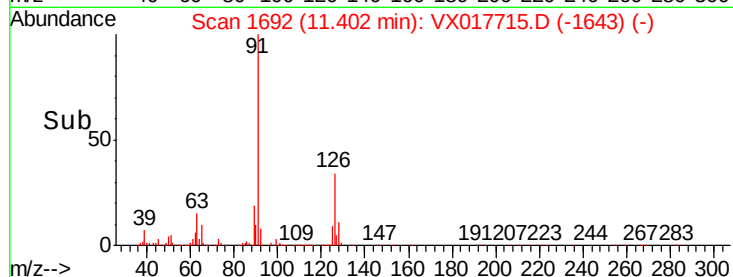
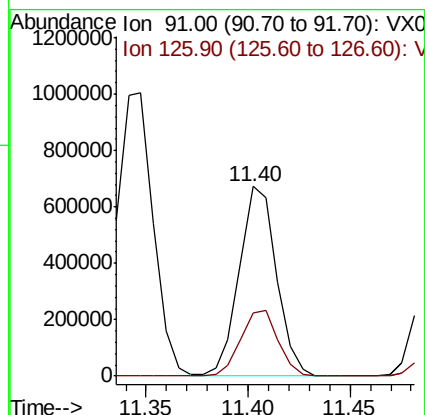
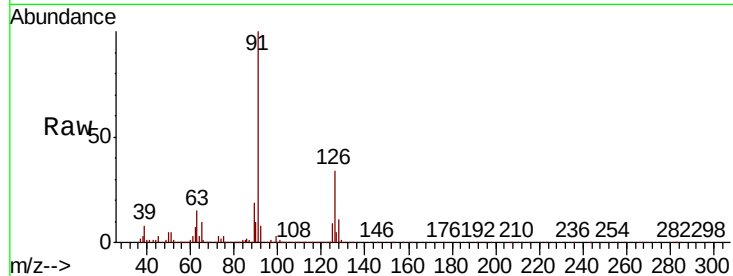




#79
2-Chlorotoluene
Concen: 46.575 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

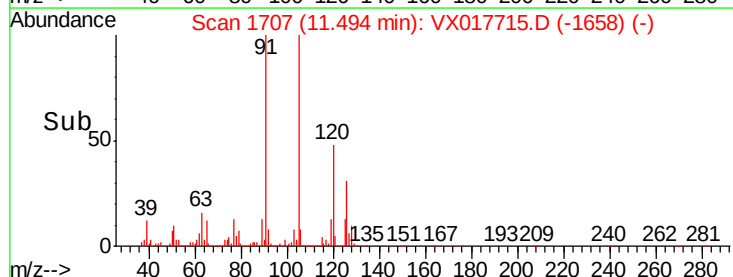
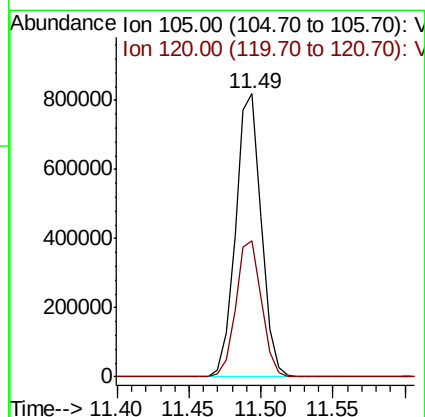
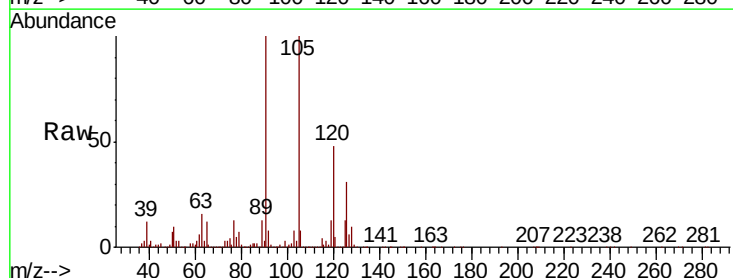
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

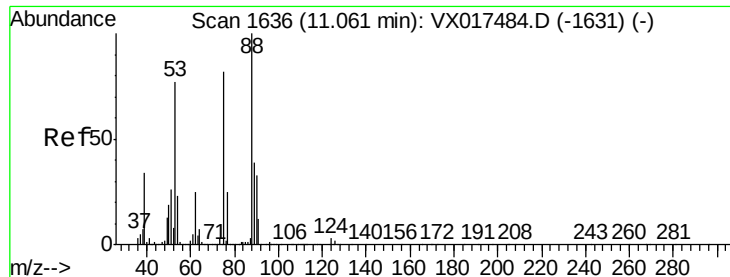
Tot Ion: 91 Resp: 853214
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 45.488 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion:105 Resp: 1018354
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.439 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

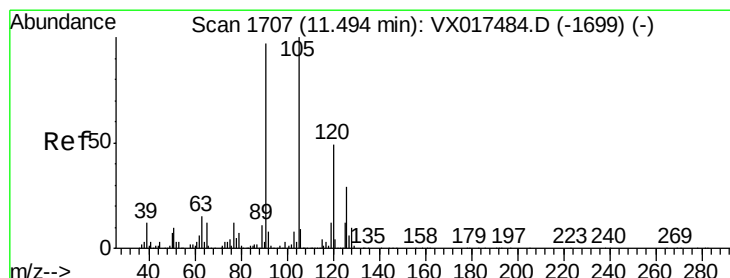
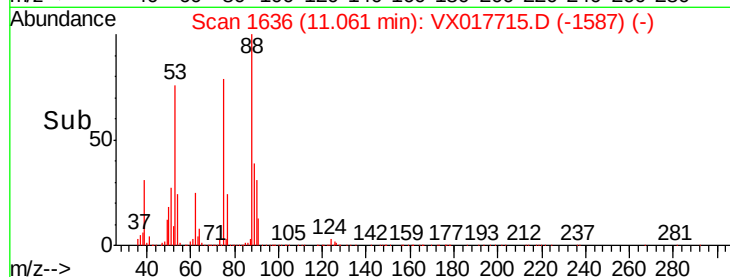
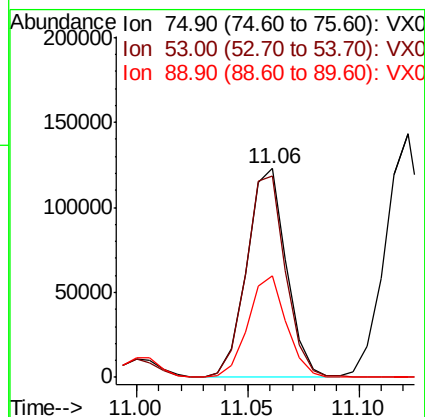
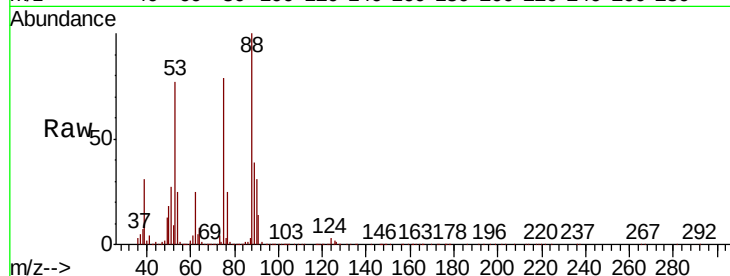
Tot Ion: 75 Resp: 151142

Ion Ratio Lower Upper

75 100

53 96.8 75.9 113.9

89 47.4 37.8 56.6



#82

4-Chlorotoluene

Concen: 47.129 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017715.D

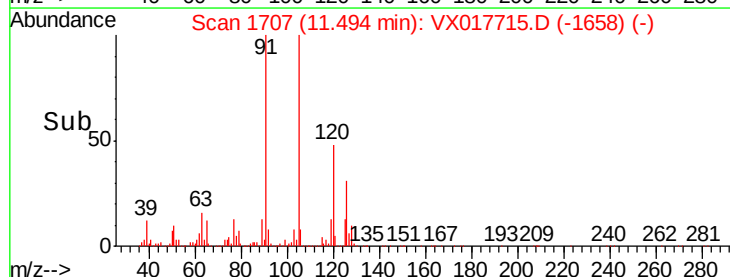
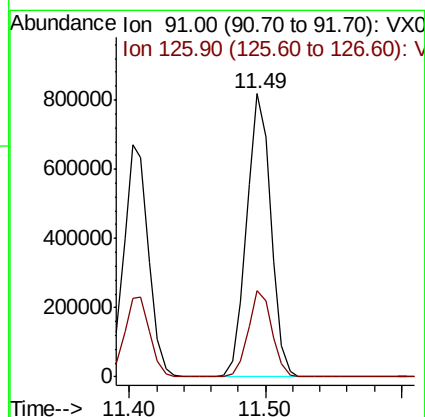
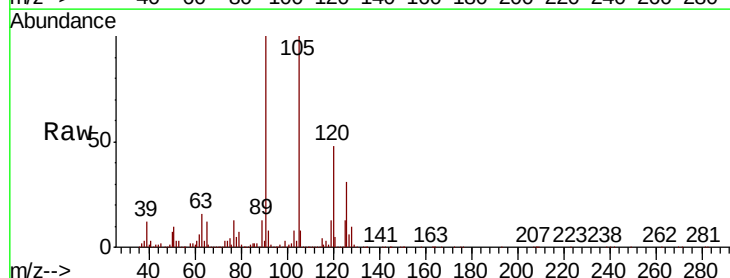
Acq: 31 Jul 2020 21:11

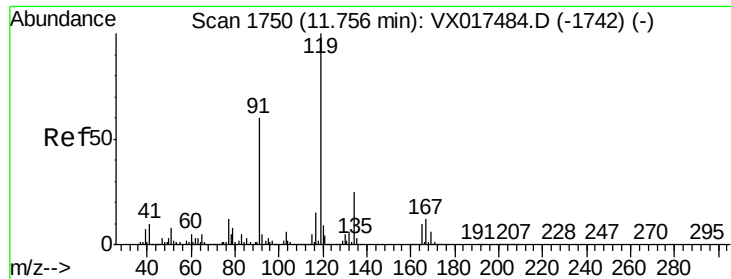
Tgt Ion: 91 Resp: 1018415

Ion Ratio Lower Upper

91 100

126 29.9 15.2 45.6

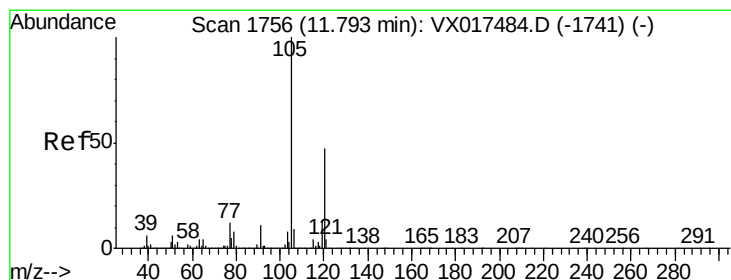
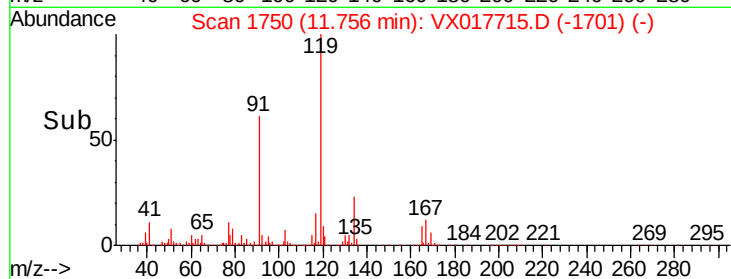
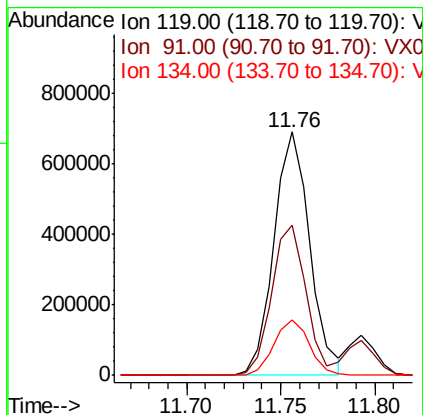
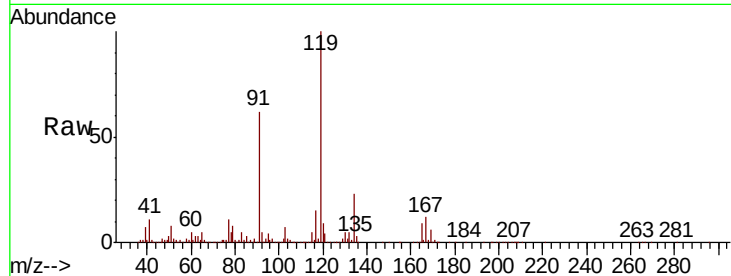




#83
 tert-Butylbenzene
 Concen: 42.382 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

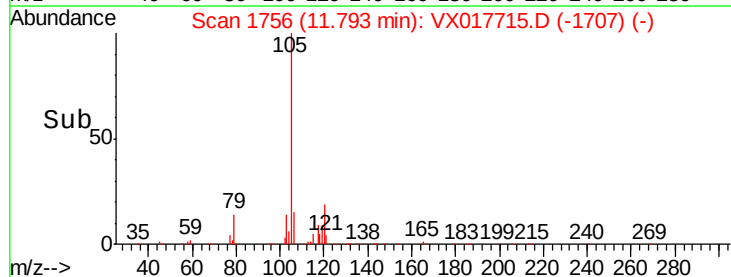
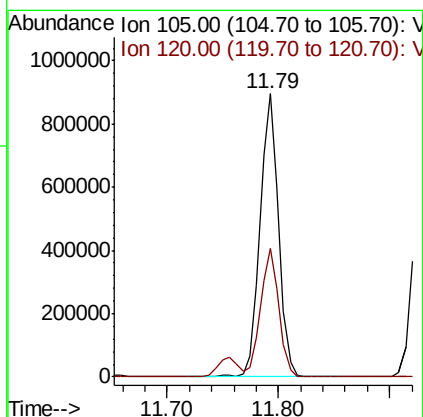
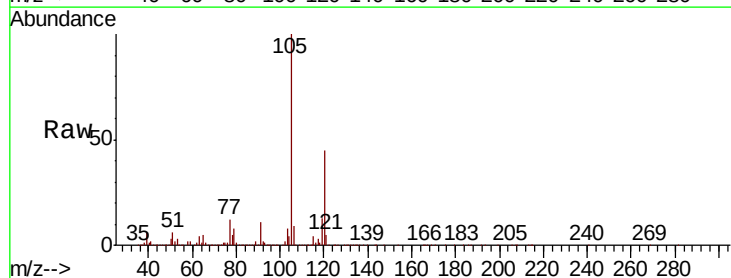
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

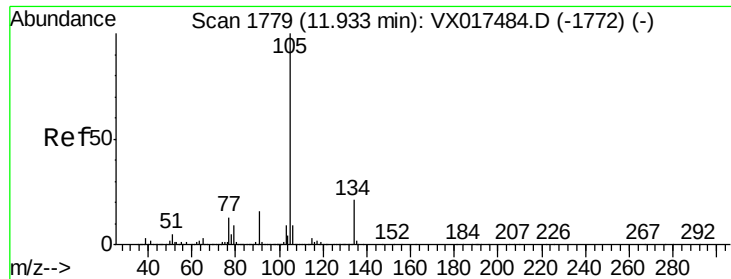
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.3	88.0
134	22.4	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.670 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.0





#85

sec-Butylbenzene

Concen: 39.866 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

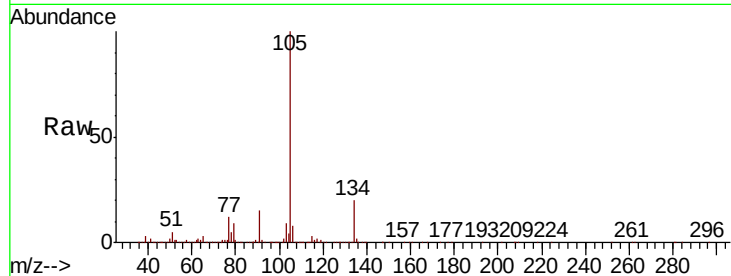
VSTDCCC050

Tot Ion:105 Resp: 994832

Ion Ratio Lower Upper

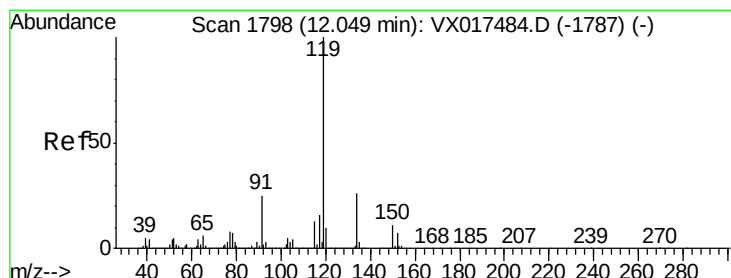
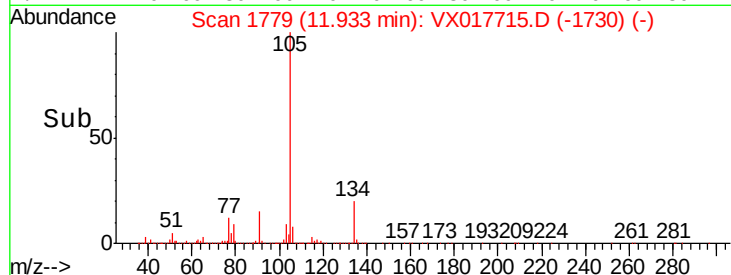
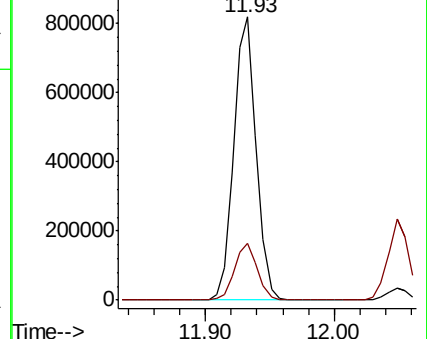
105 100

134 20.2 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: 42.433 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

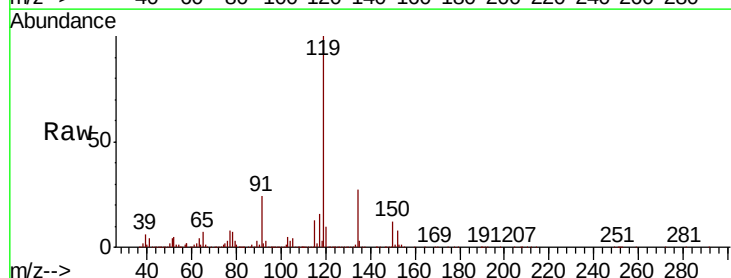
Tgt Ion:119 Resp: 1008379

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

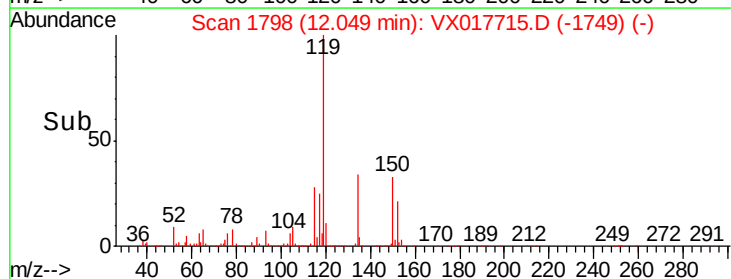
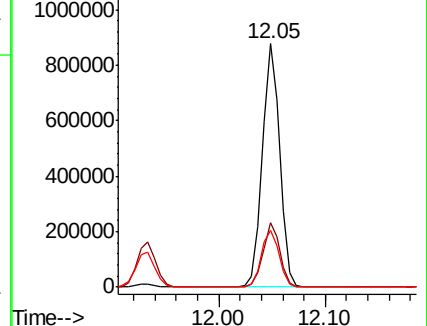
91 24.0 12.1 36.3

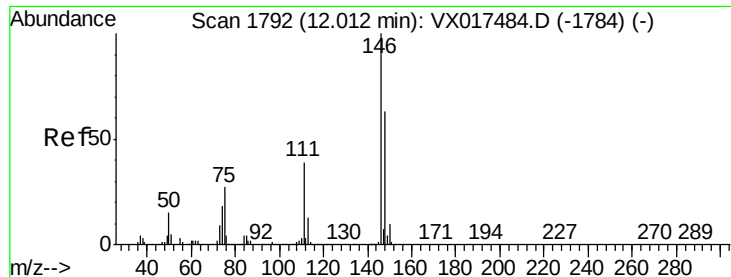


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.273 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

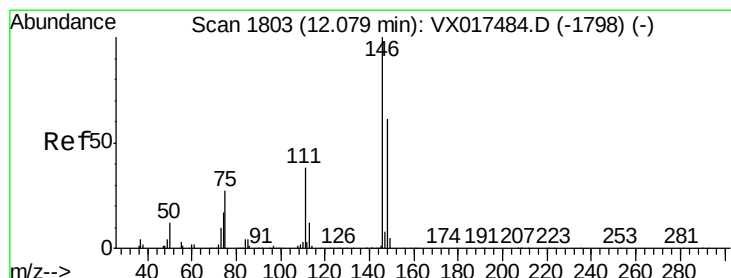
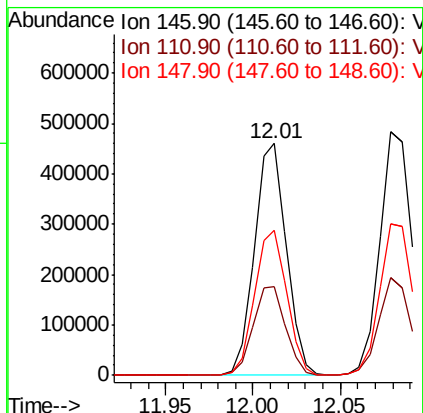
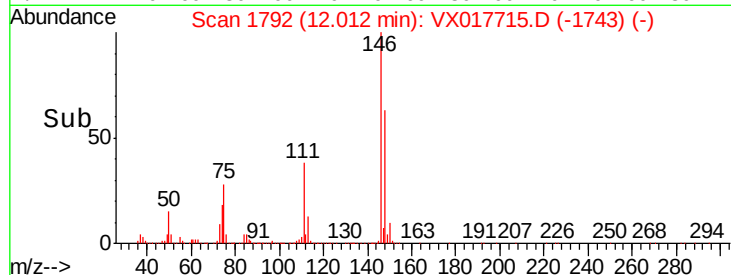
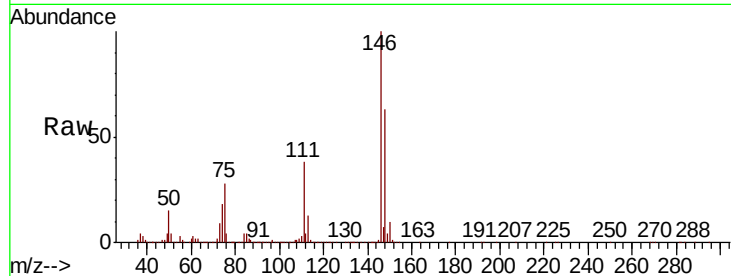
Tot Ion:146 Resp: 583290

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.920 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

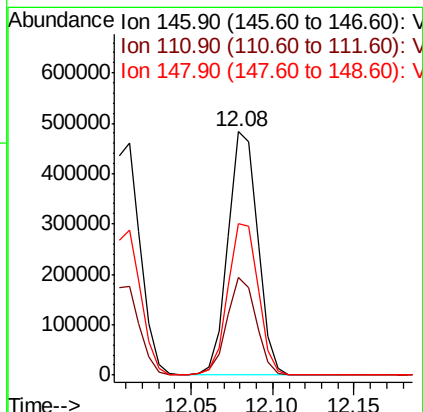
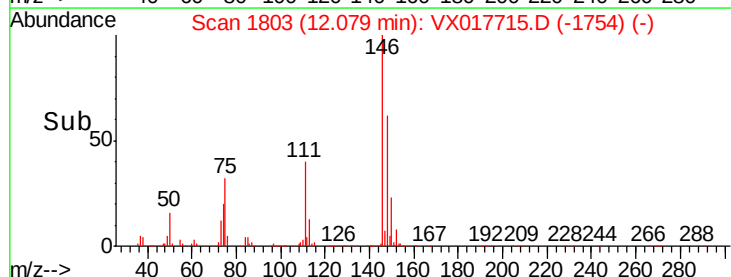
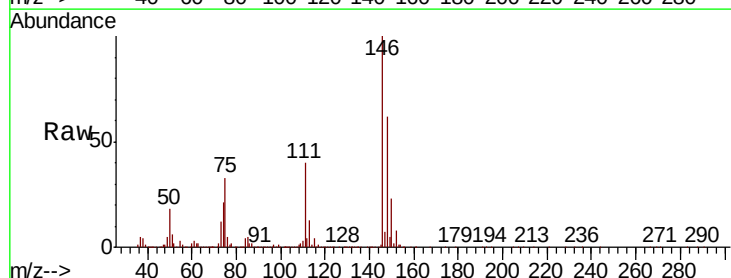
Tgt Ion:146 Resp: 612620

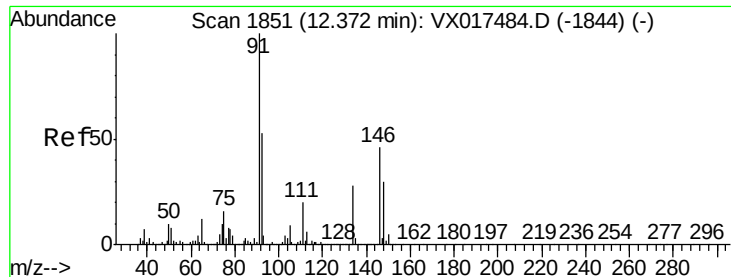
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.8

148 63.7 32.2 96.6

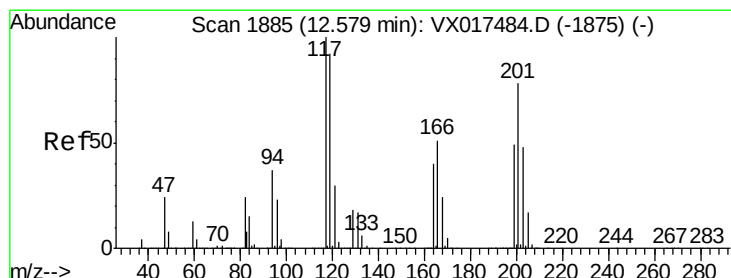
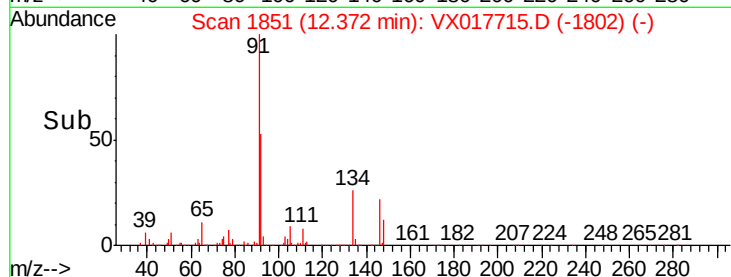
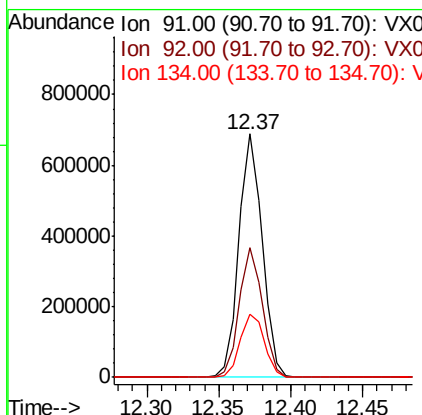
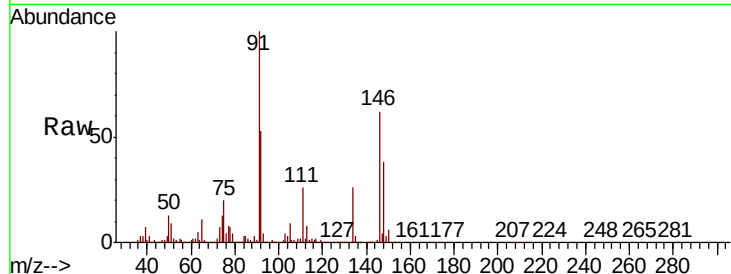




#89
n-Butylbenzene
Concen: 36.830 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

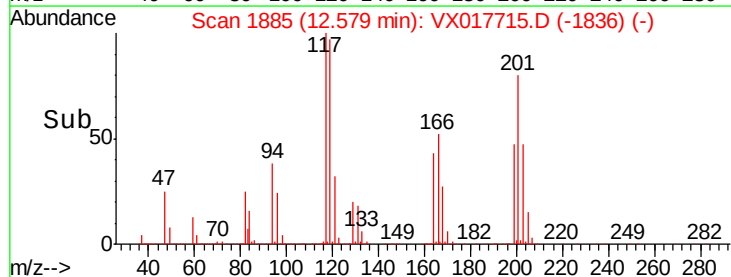
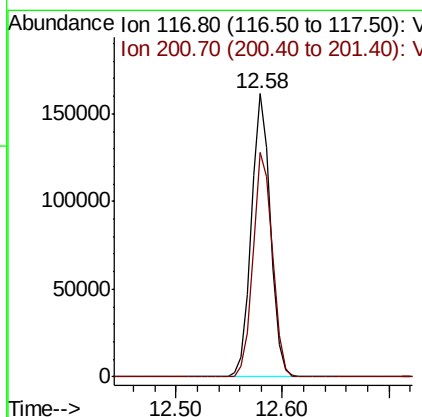
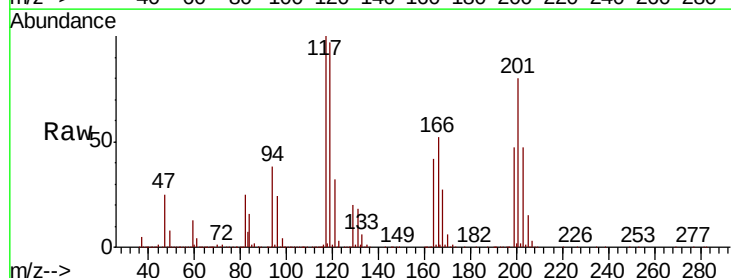
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

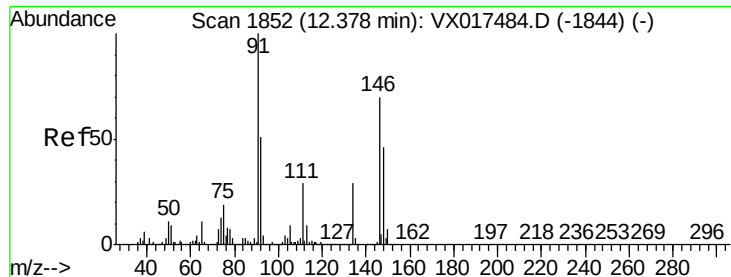
Tot Ion: 91 Resp: 779886
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 43.253 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017715.D
Acq: 31 Jul 2020 21:11

Tgt Ion: 117 Resp: 202644
Ion Ratio Lower Upper
117 100
201 80.6 42.2 126.6

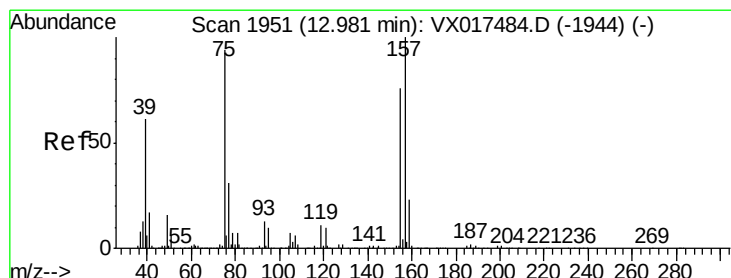
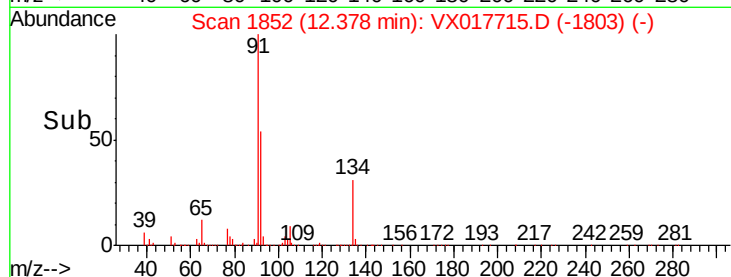
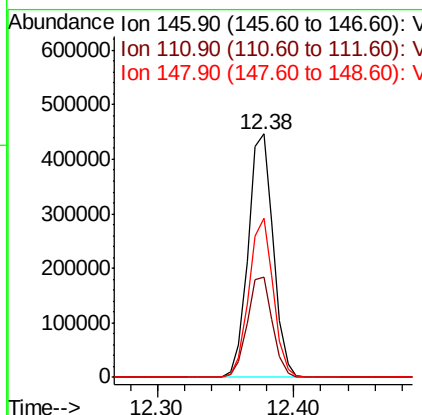
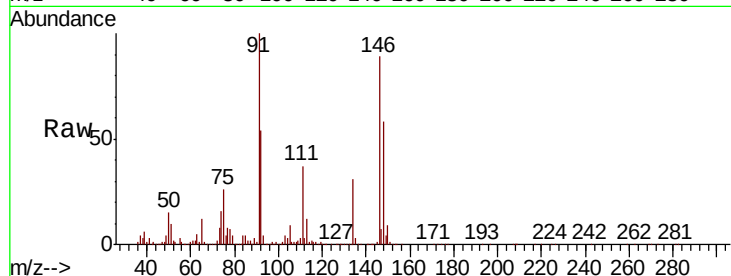




#91
 1,2-Dichlorobenzene
 Concen: 46.382 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

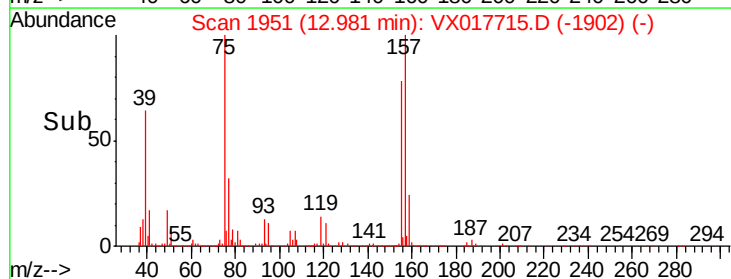
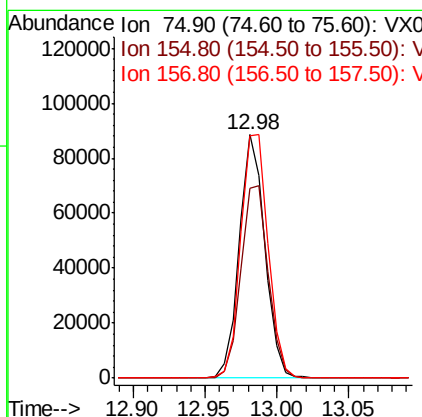
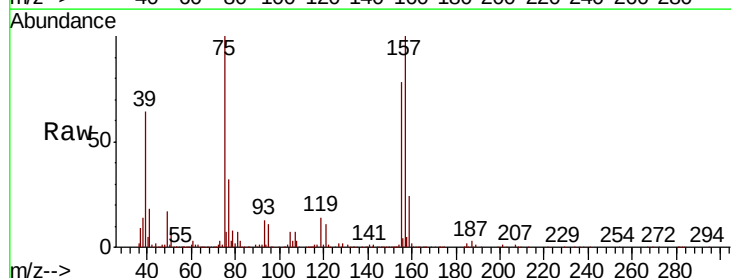
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

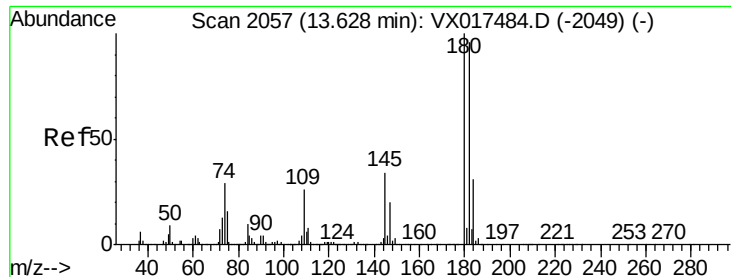
Tot Ion:146 Resp: 574624
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 63.6 32.8 98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.131 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion: 75 Resp: 108725
 Ion Ratio Lower Upper
 75 100
 155 84.6 42.3 126.8
 157 107.2 54.3 162.9

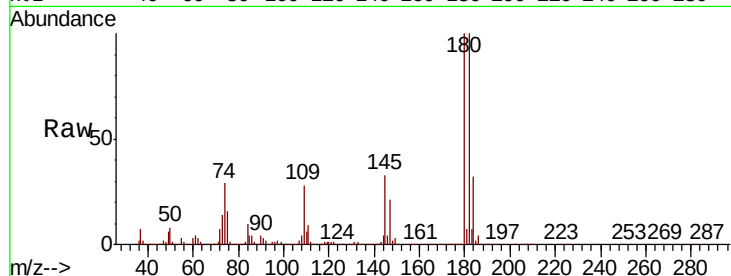




#93
 1,2,4-Trichlorobenzene
 Concen: 44.975 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.6
145	31.0	15.4	46.4

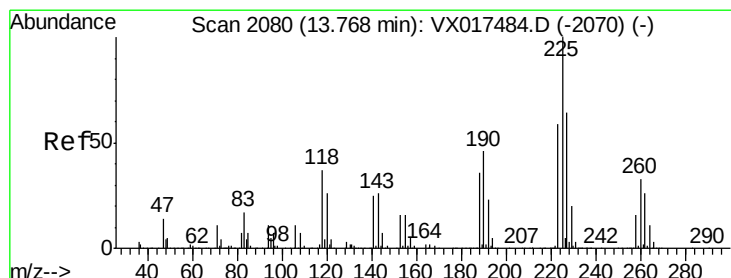
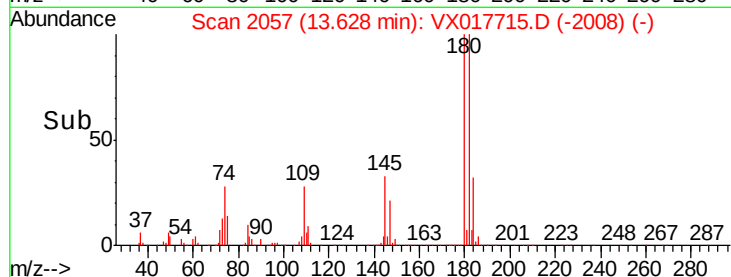
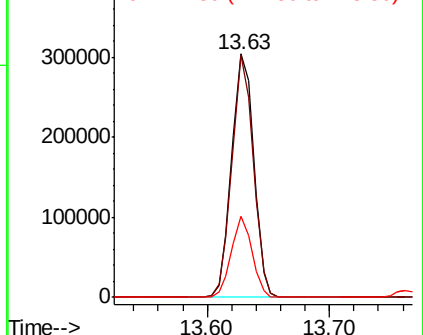


Abundance

Ion 179.80 (179.50 to 180.50): V

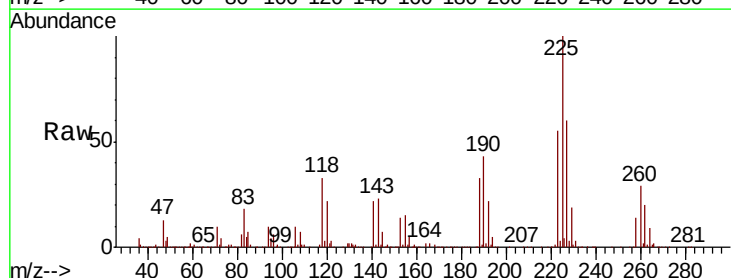
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 33.726 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017715.D
 Acq: 31 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	30.3	90.9
227	60.2	31.1	93.2

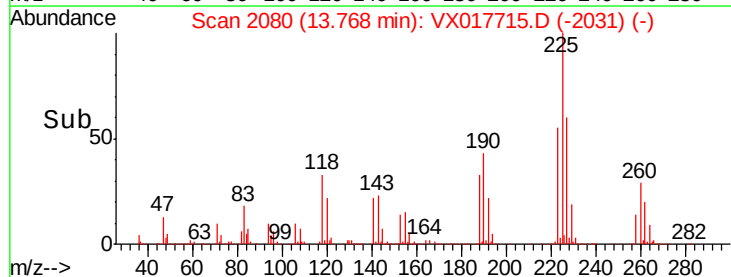
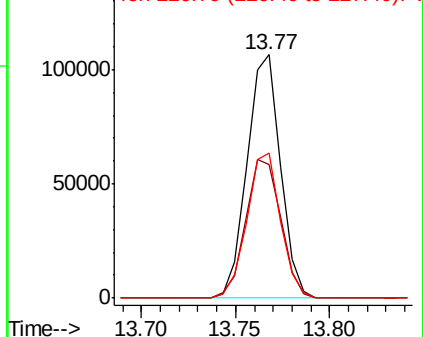


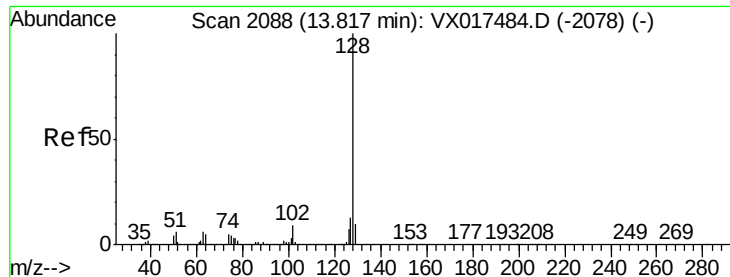
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.483 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

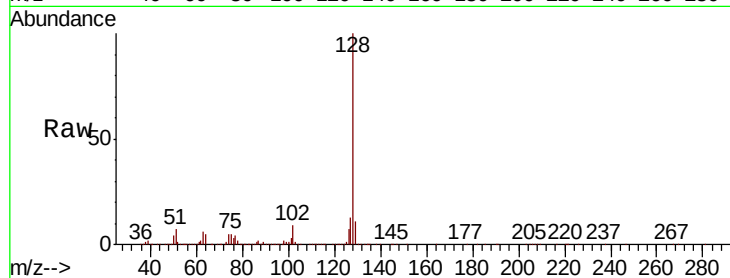
Tot Ion:128 Resp: 1299462

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

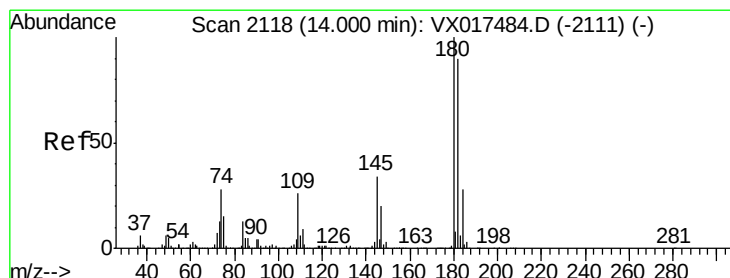
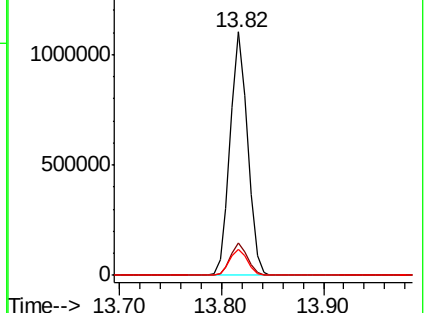
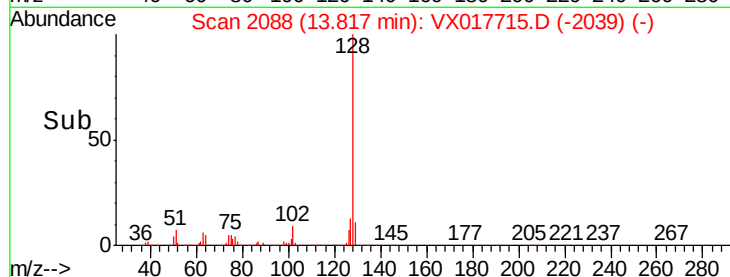
129 11.1 8.9 13.3



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: 49.370 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017715.D

Acq: 31 Jul 2020 21:11

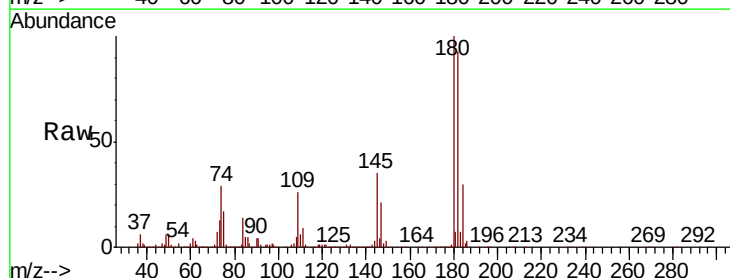
Tgt Ion:180 Resp: 412177

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 33.0 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

