

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016922.D
 Acq On : 22 Jun 2020 15:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 23 07:54:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	343913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	614674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	580002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186050	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.46	113	160263	40.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.52%	
50) Toluene-d8	8.70	98	623170	39.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.22%	
62) 4-Bromofluorobenzene	11.12	95	246171	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	205791	48.759	ug/l	99
3) Chloromethane	1.31	50	189913	44.377	ug/l	99
4) Vinyl Chloride	1.39	62	237423	49.224	ug/l	98
5) Bromomethane	1.62	94	119506	41.149	ug/l	100
6) Chloroethane	1.71	64	139952	47.112	ug/l	99
7) Trichlorofluoromethane	1.92	101	309607	45.884	ug/l	97
8) Diethyl Ether	2.17	74	130343	49.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	183026	50.924	ug/l	97
10) Methyl Iodide	2.49	142	101040	29.530	ug/l	96
11) Tert butyl alcohol	3.01	59	183846	262.929	ug/l	99
12) 1,1-Dichloroethene	2.36	96	182322	49.609	ug/l	97
13) Acrolein	2.27	56	172996	408.071	ug/l	100
14) Allyl chloride	2.70	41	257404	52.949	ug/l	95
15) Acrylonitrile	3.11	53	435319	271.678	ug/l	98
16) Acetone	2.42	43	366275	243.939	ug/l	99
17) Carbon Disulfide	2.55	76	433425	45.634	ug/l	99
18) Methyl Acetate	2.75	43	213582	55.939	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	537460	51.315	ug/l	99
20) Methylene Chloride	2.83	84	172965	48.036	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	168717	48.633	ug/l	99
22) Diisopropyl ether	3.82	45	510834	54.846	ug/l	96
23) Vinyl Acetate	3.78	43	2130339	277.378	ug/l	99
24) 1,1-Dichloroethane	3.67	63	292957	50.354	ug/l	99
25) 2-Butanone	4.62	43	603884	292.233	ug/l	97
26) 2,2-Dichloropropane	4.54	77	306807	56.287	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	222891	57.163	ug/l	97
28) Bromochloromethane	4.98	49	121574	50.347	ug/l	92
29) Tetrahydrofuran	5.08	42	359126	275.944	ug/l	96
30) Chloroform	5.17	83	294656	47.972	ug/l	99
31) Cyclohexane	5.54	56	262177	51.257	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	265247	45.627	ug/l	100
36) 1,1-Dichloropropene	5.76	75	226207	39.857	ug/l	99
37) Ethyl Acetate	4.79	43	221744	44.220	ug/l	99
38) Carbon Tetrachloride	5.75	117	232635	36.531	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	271155	41.090	ug/l	96
40) Benzene	6.11	78	680948	39.986	ug/l	99
41) Methacrylonitrile	4.99	41	122769	45.096	ug/l	98
42) 1,2-Dichloroethane	6.16	62	227647	37.566	ug/l	99
43) Isopropyl Acetate	6.41	43	460175	52.550	ug/l	98
44) Trichloroethene	7.18	130	229721	44.047	ug/l	97
45) 1,2-Dichloropropane	7.49	63	174880	40.850	ug/l	97
46) Dibromomethane	7.63	93	117796	40.574	ug/l	98
47) Bromodichloromethane	7.87	83	241668	39.139	ug/l	98
48) Methyl methacrylate	7.74	41	178578	43.307	ug/l	98
49) 1,4-Dioxane	7.71	88	85979	931.457	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1103954	209.600	ug/l	100
52) Toluene	8.76	92	440124	38.959	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	286809	42.251	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	304880	41.983	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	179048	41.977	ug/l	99
56) Ethyl methacrylate	9.16	69	277834	44.994	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299753	41.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	638212	222.126	ug/l	97
59) 2-Hexanone	9.47	43	833045	218.409	ug/l	99
60) Dibromochloromethane	9.56	129	209637	40.970	ug/l	99
61) 1,2-Dibromoethane	9.65	107	222878	48.149	ug/l	100
64) Tetrachloroethene	9.32	164	187303	34.874	ug/l	99
65) Chlorobenzene	10.12	112	560247	47.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	219151	48.145	ug/l	99
67) Ethyl Benzene	10.23	91	969649	48.932	ug/l	98
68) m/p-Xylenes	10.34	106	648526	84.101	ug/l	100
69) o-Xylene	10.68	106	311010	43.618	ug/l	99
70) Styrene	10.70	104	553857	45.717	ug/l	99
71) Bromoform	10.84	173	162668	42.505	ug/l #	98
73) Isopropylbenzene	11.00	105	840538	50.942	ug/l	99
74) N-amyl acetate	10.88	43	342599	59.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	242943	52.144	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	308728	65.963	ug/l	86
77) Bromobenzene	11.24	156	224220	49.827	ug/l	98
78) n-propylbenzene	11.34	91	959405	52.101	ug/l	100
79) 2-Chlorotoluene	11.40	91	574132	50.958	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	719615	50.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	94079	49.224	ug/l	97
82) 4-Chlorotoluene	11.49	91	672438	49.749	ug/l	98
83) tert-Butylbenzene	11.76	119	697659	49.530	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	725485	49.471	ug/l	99
85) sec-Butylbenzene	11.93	105	794008	48.537	ug/l	99
86) p-Isopropyltoluene	12.05	119	755773	50.423	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391436	47.613	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	393780	47.361	ug/l	99
89) n-Butylbenzene	12.37	91	648053	50.420	ug/l	99
90) Hexachloroethane	12.58	117	147586	54.662	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	373012	46.999	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63075	57.096	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
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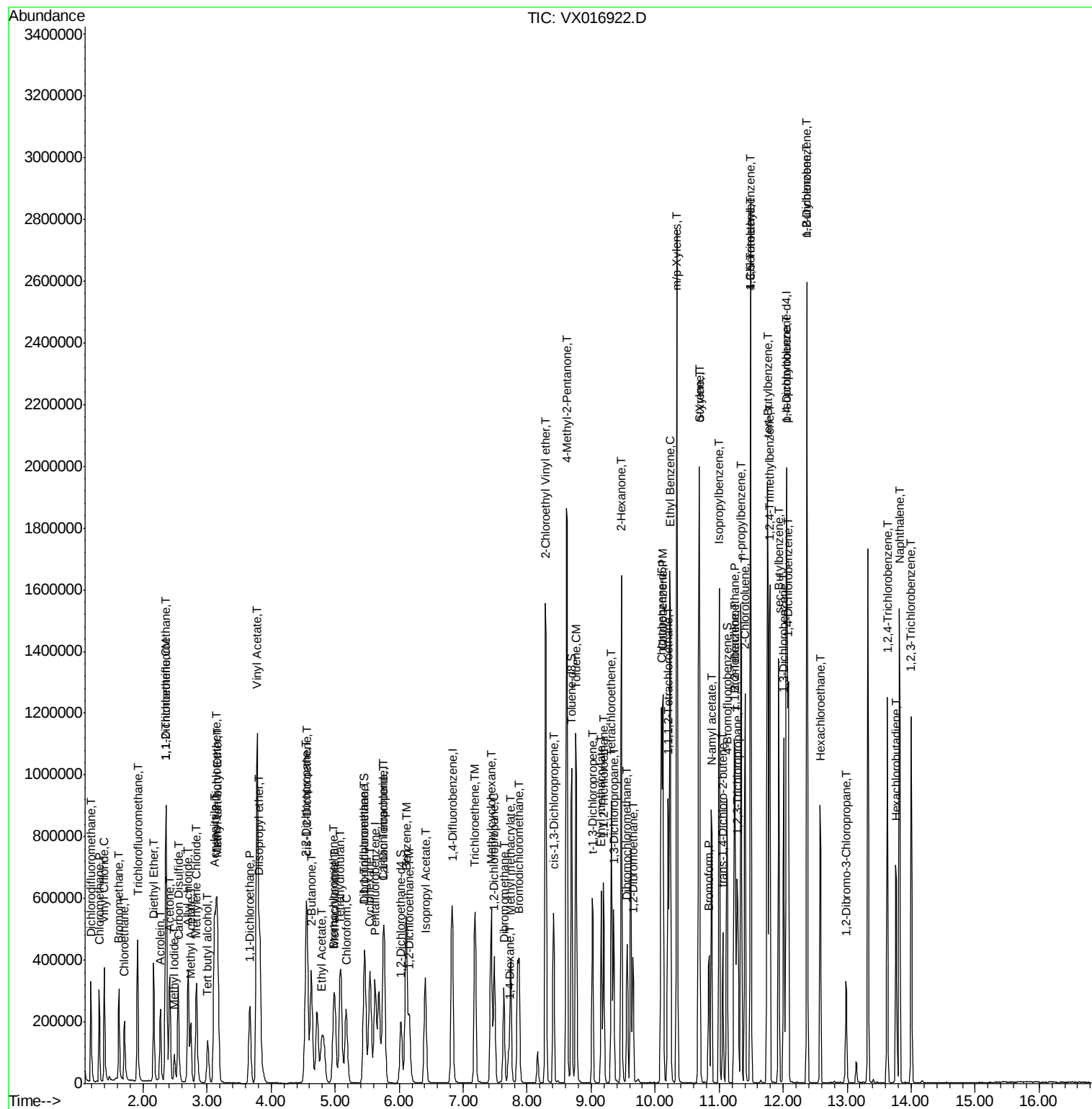
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	312387	58.615	ug/l	98
94) Hexachlorobutadiene	13.76	225	110389	45.902	ug/l	98
95) Naphthalene	13.82	128	948032	60.591	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	305895	57.554	ug/l	99

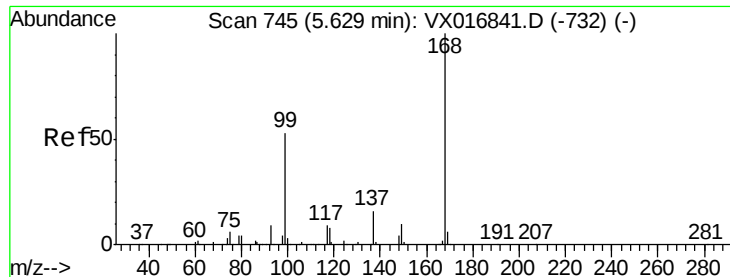
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

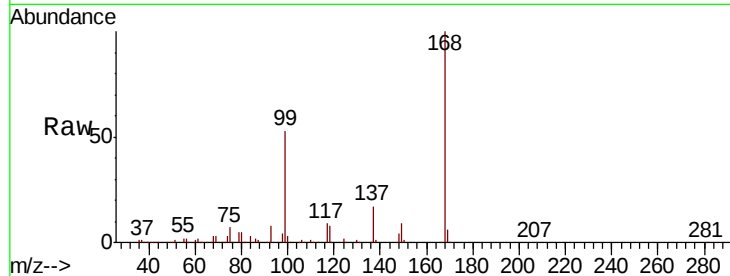
VSTDCCC050

Tot Ion:168 Resp: 343913

Ion Ratio Lower Upper

168 100

99 52.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

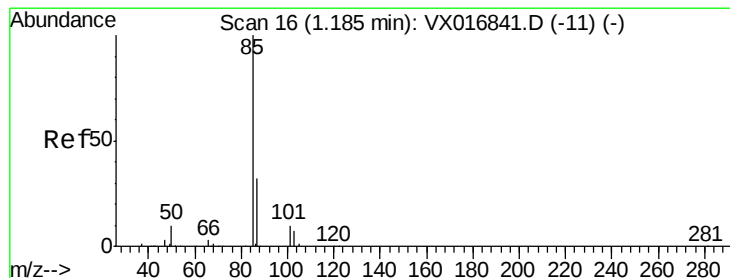
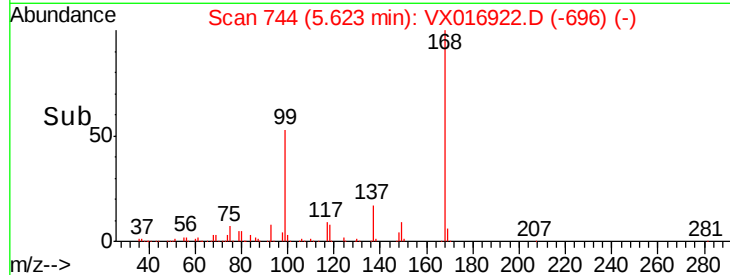
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.759 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016922.D

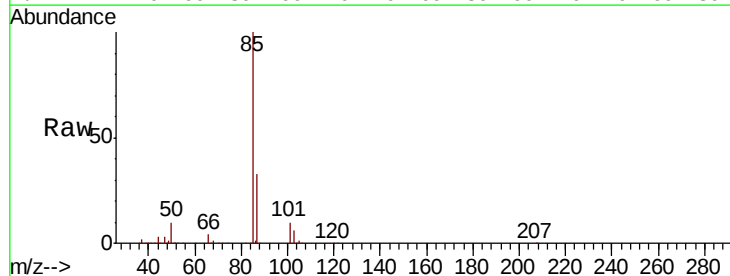
Acq: 22 Jun 2020 15:50

Tgt Ion: 85 Resp: 205791

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

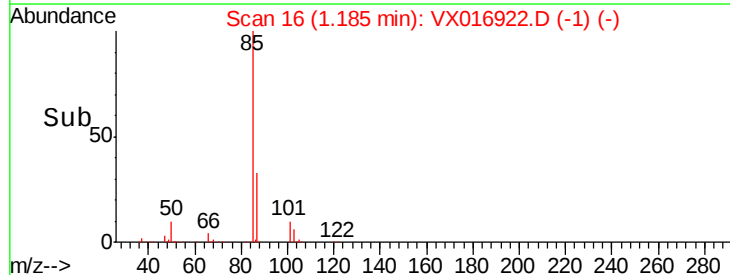
100000

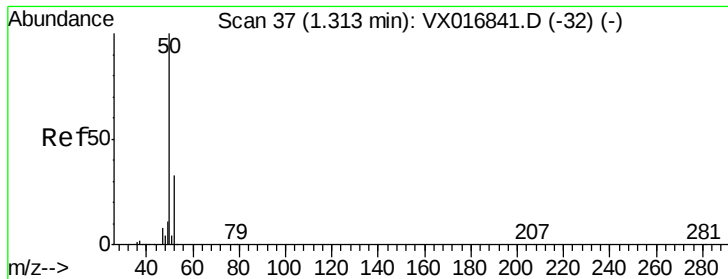
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 44.377 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

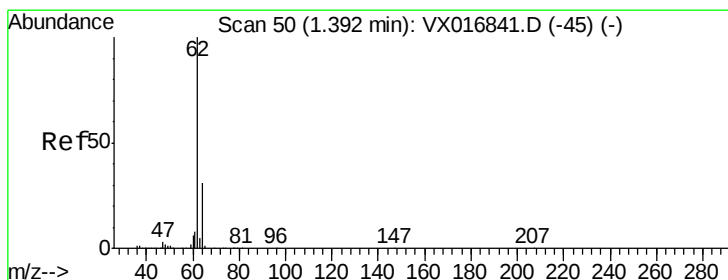
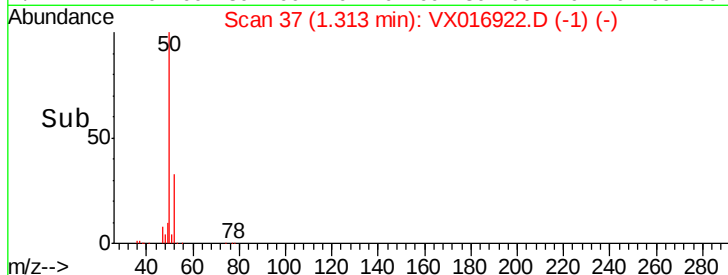
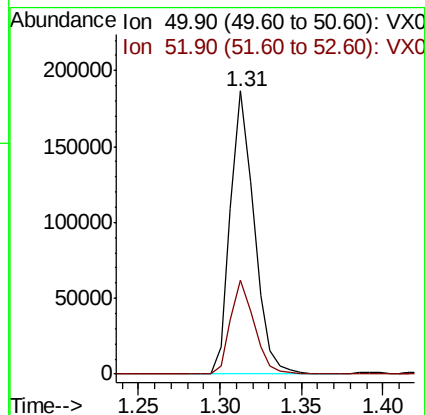
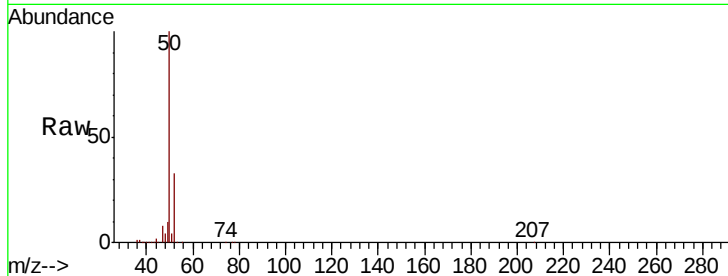
VSTDCCC050

Tot Ion: 50 Resp: 189913

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 49.224 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016922.D

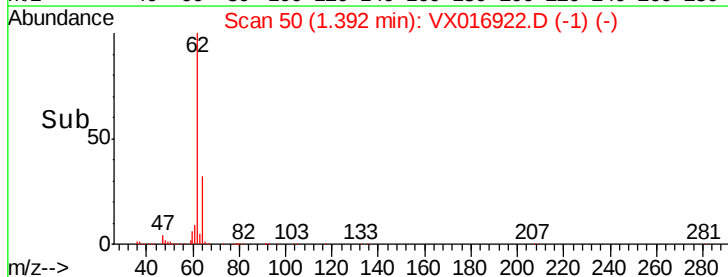
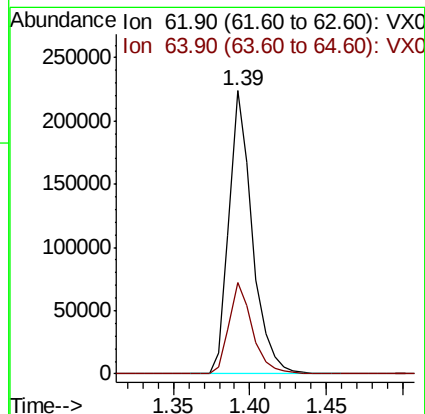
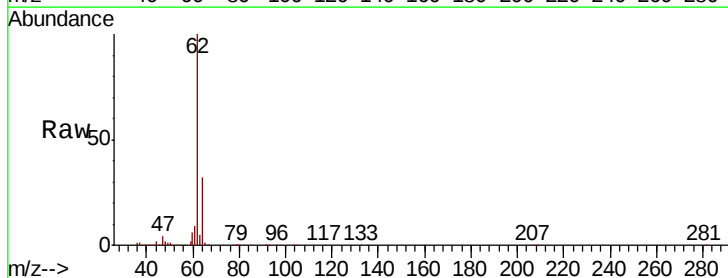
Acq: 22 Jun 2020 15:50

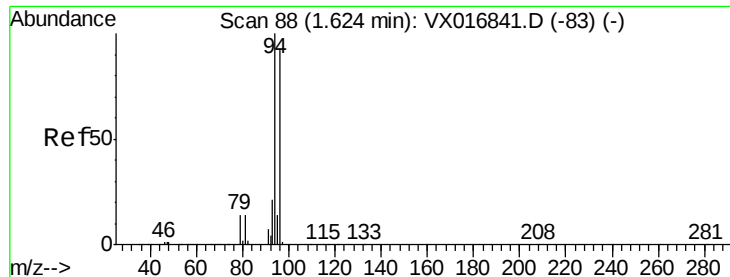
Tgt Ion: 62 Resp: 237423

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 41.149 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

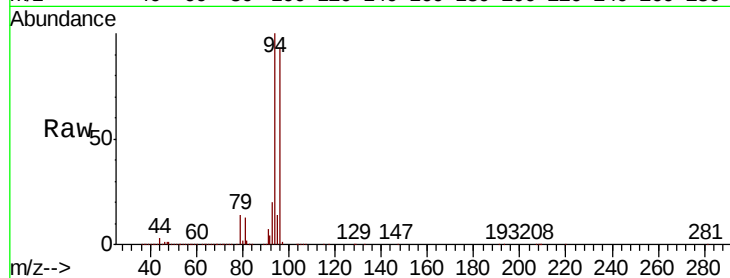
VSTDCCC050

Tot Ion: 94 Resp: 119506

Ion Ratio Lower Upper

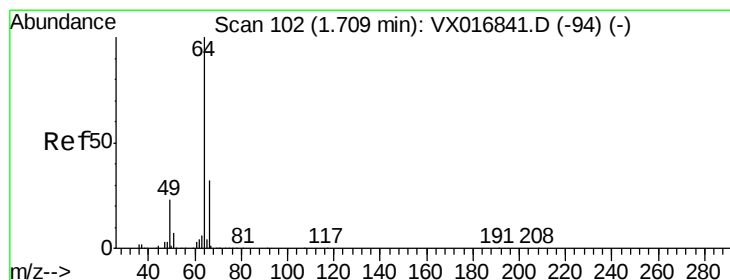
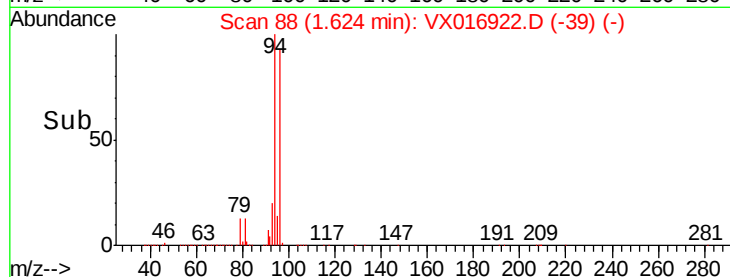
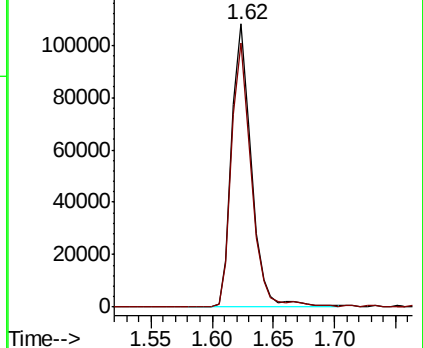
94 100

96 93.3 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.112 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016922.D

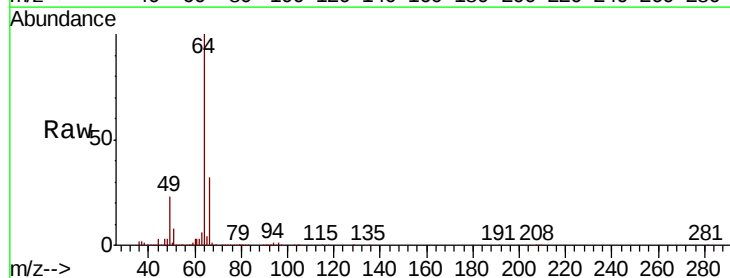
Acq: 22 Jun 2020 15:50

Tgt Ion: 64 Resp: 139952

Ion Ratio Lower Upper

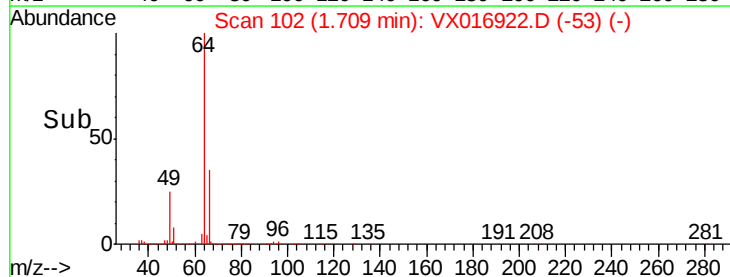
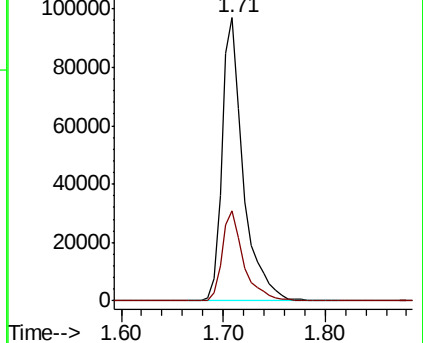
64 100

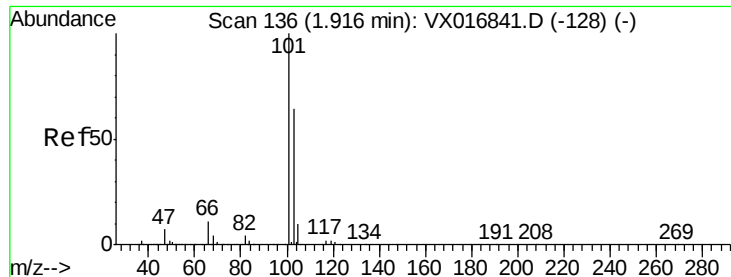
66 31.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



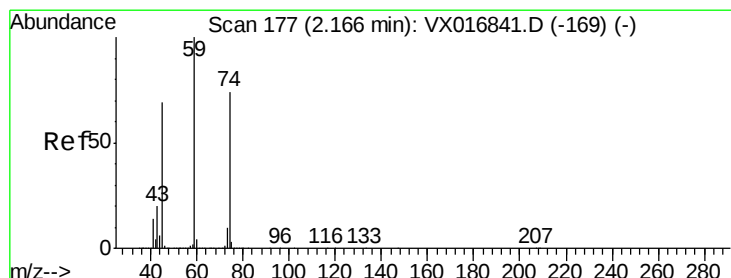
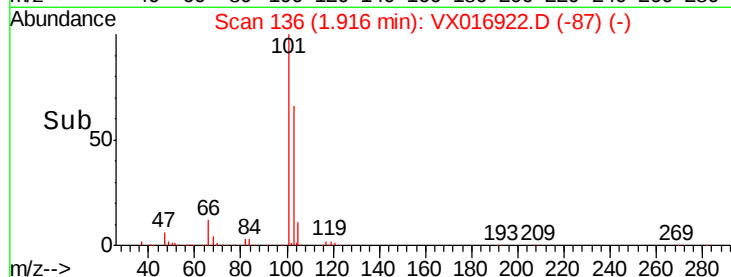
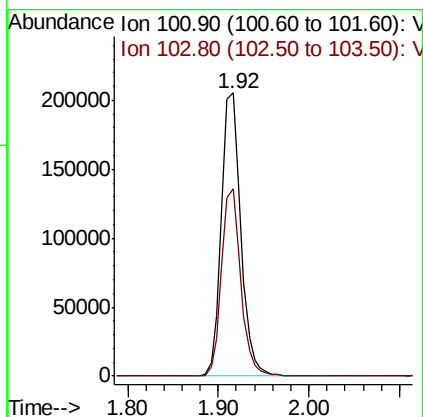
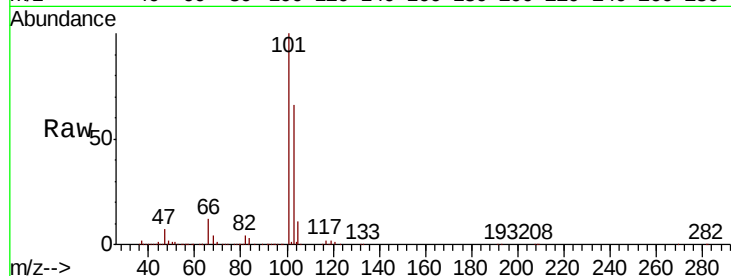


#7

Trichlorofluoromethane
Concen: 45.884 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

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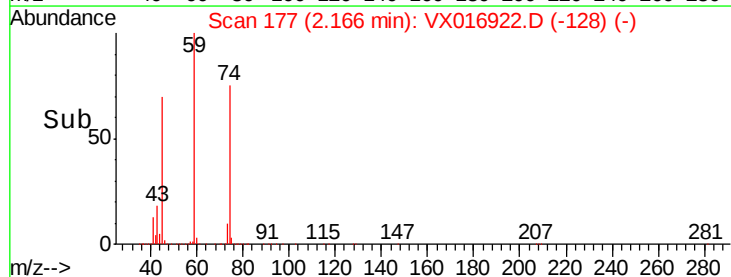
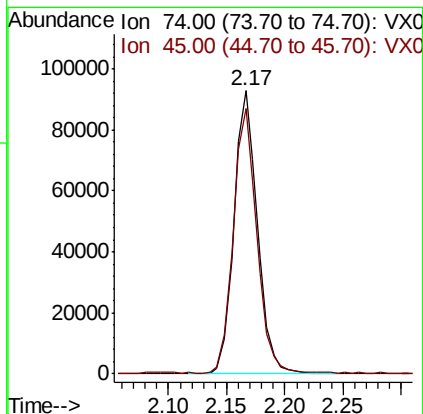
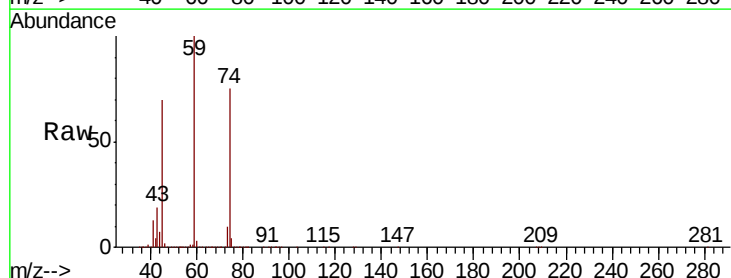
Tot Ion:101 Resp: 309607
Ion Ratio Lower Upper
101 100
103 66.1 51.2 76.8

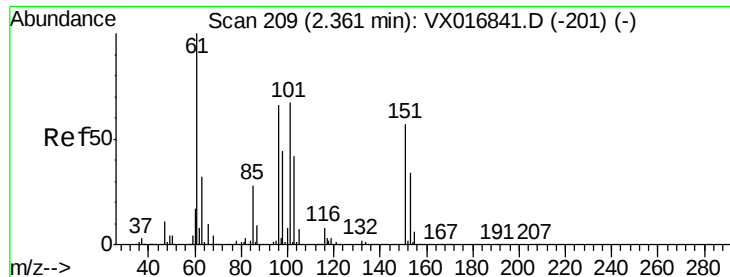


#8

Diethyl Ether
Concen: 49.684 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 74 Resp: 130343
Ion Ratio Lower Upper
74 100
45 93.7 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.924 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

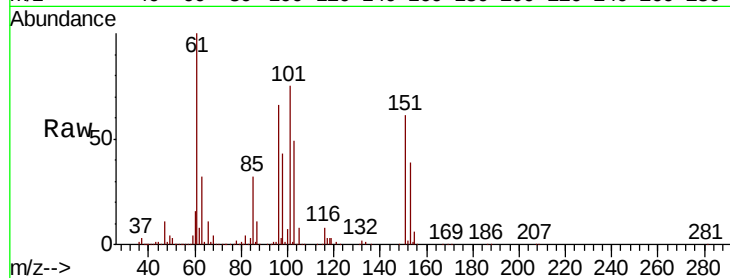
Tot Ion:101 Resp: 183026

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

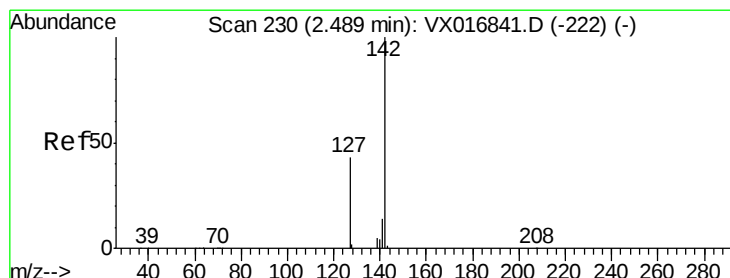
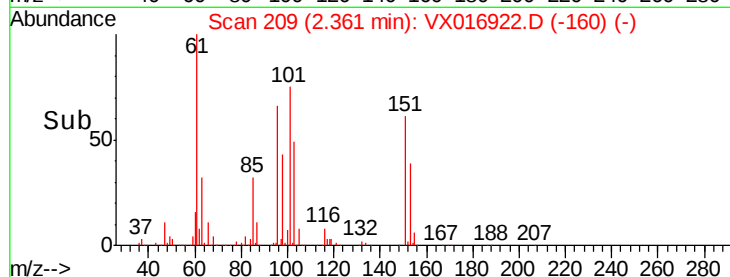
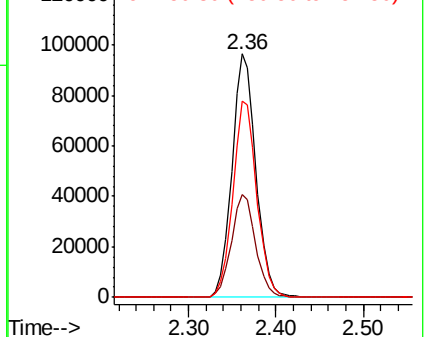
151 81.1 67.6 101.4



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: 29.530 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

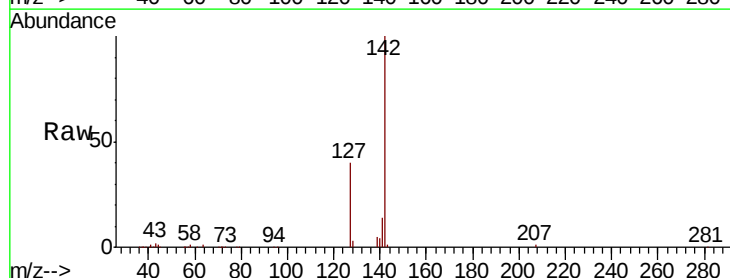
Tgt Ion:142 Resp: 101040

Ion Ratio Lower Upper

142 100

127 40.7 35.1 52.7

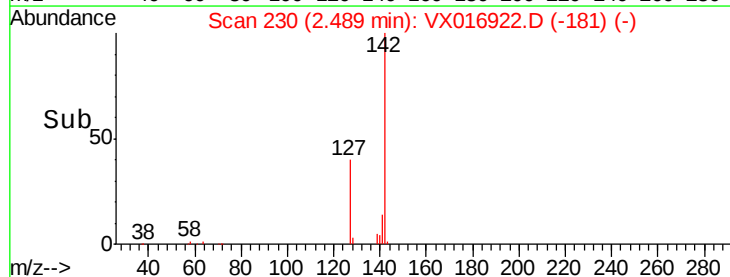
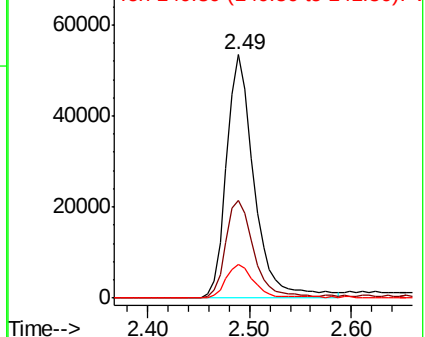
141 13.8 11.6 17.4

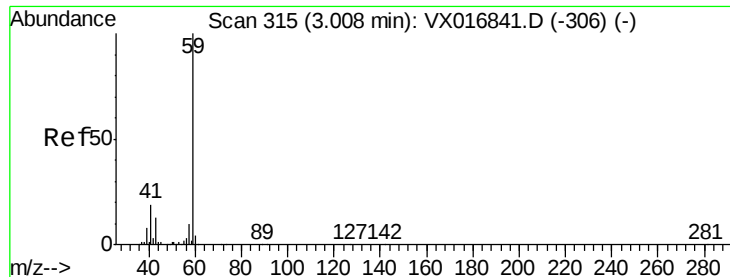


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



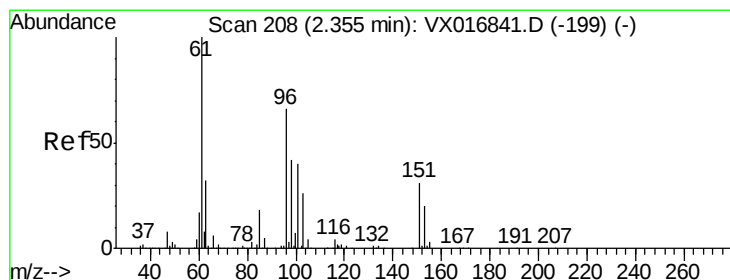
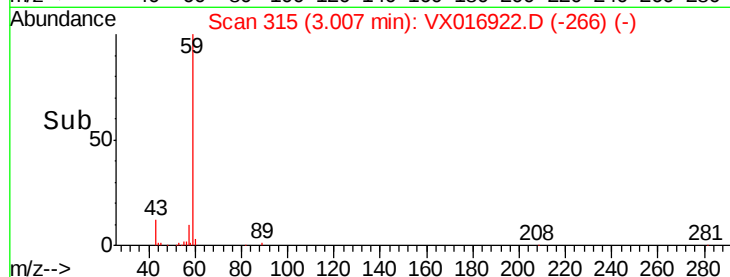
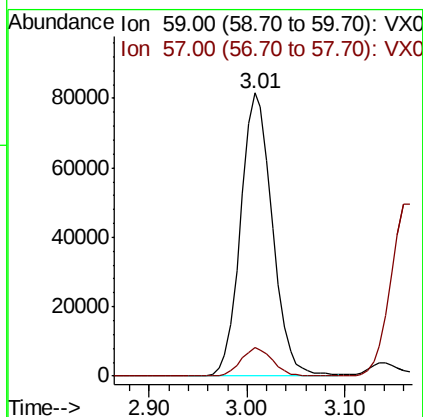
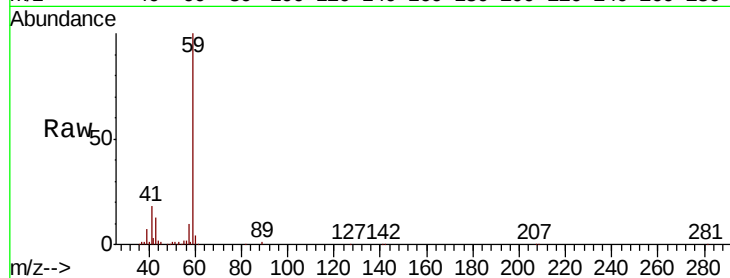


#11

Tert butyl alcohol
 Concen: 262.929 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

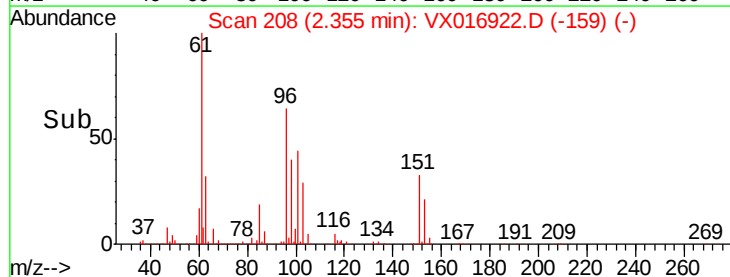
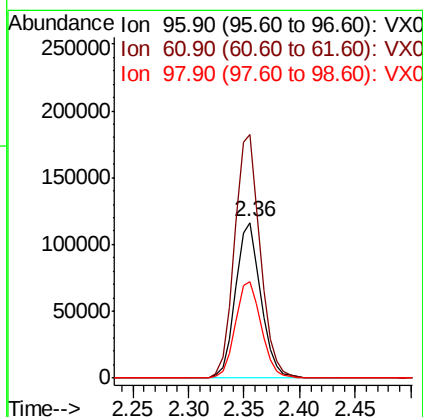
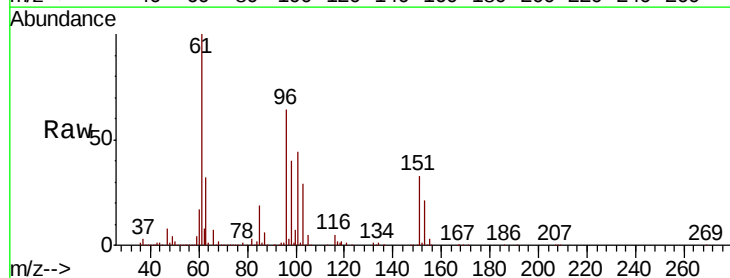
Tot Ion: 59 Resp: 183846
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

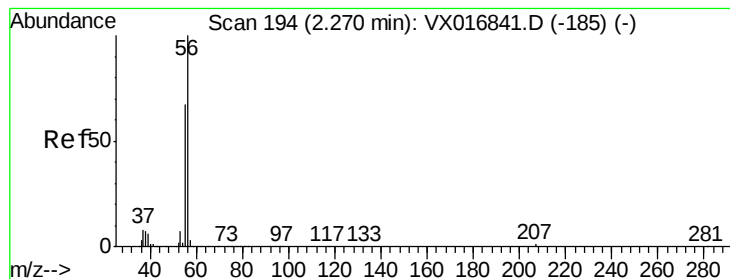


#12

1,1-Dichloroethene
 Concen: 49.609 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion: 96 Resp: 182322
 Ion Ratio Lower Upper
 96 100
 61 156.8 121.7 182.5
 98 62.4 51.1 76.7





#13

Acrolein

Concen: 408.071 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

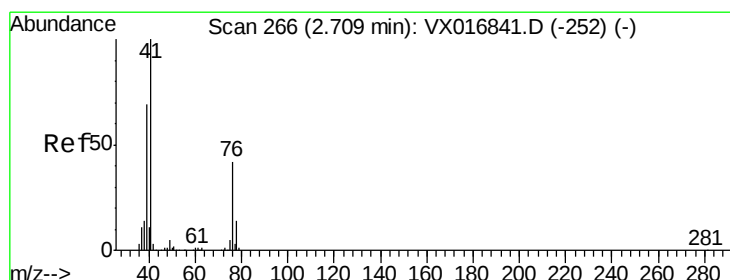
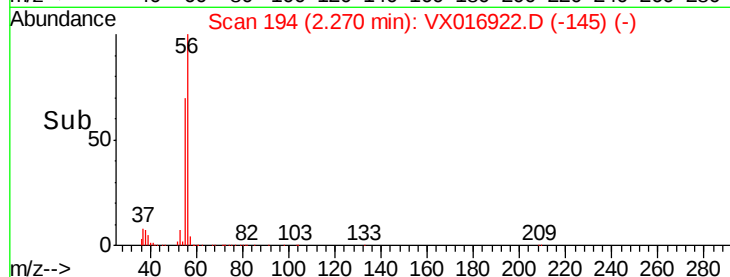
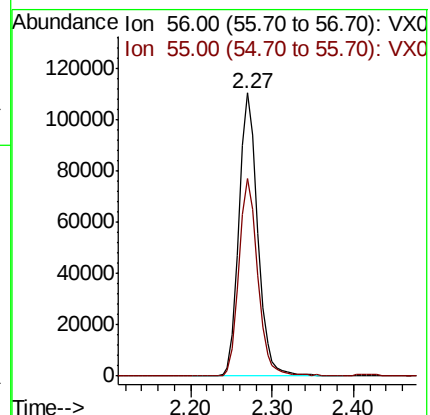
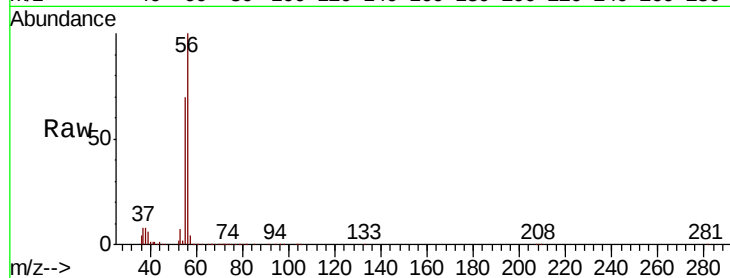
VSTDCCC050

Tot Ion: 56 Resp: 172996

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 52.949 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

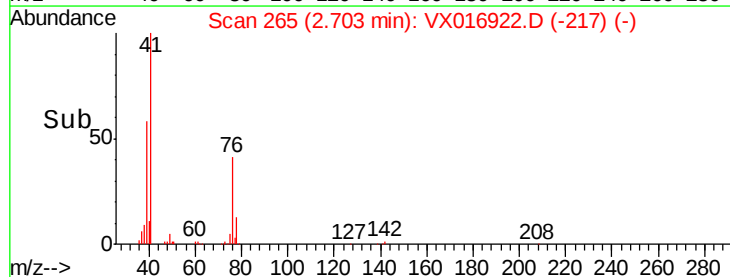
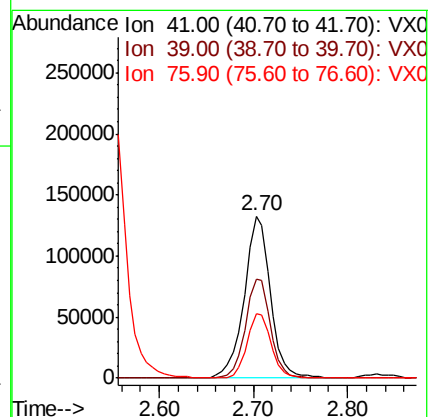
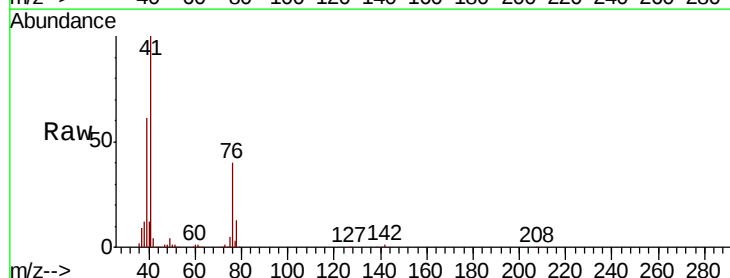
Tgt Ion: 41 Resp: 257404

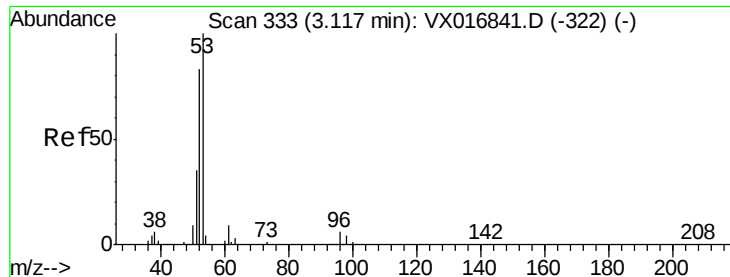
Ion Ratio Lower Upper

41 100

39 58.7 50.7 76.1

76 36.9 30.9 46.3





#15

Acrylonitrile

Concen: 271.678 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

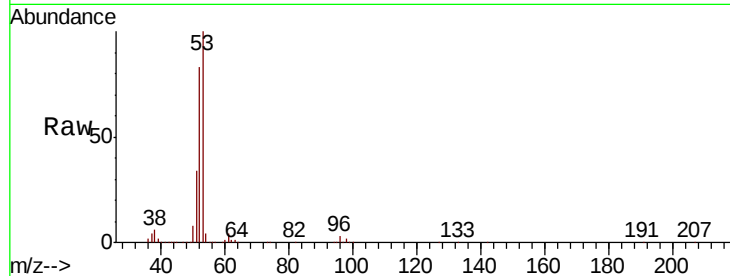
Tot Ion: 53 Resp: 435319

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.2

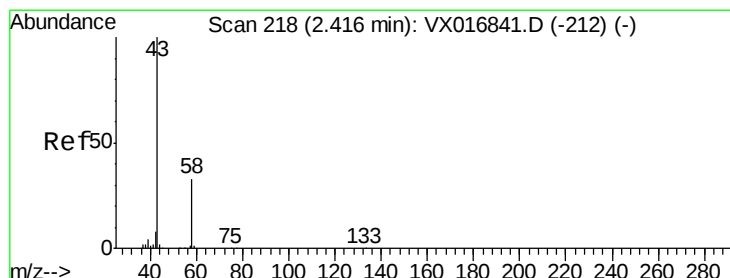
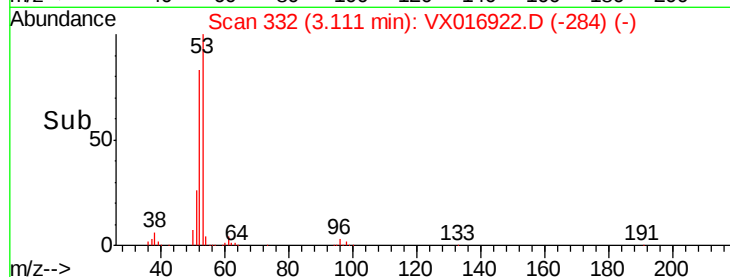
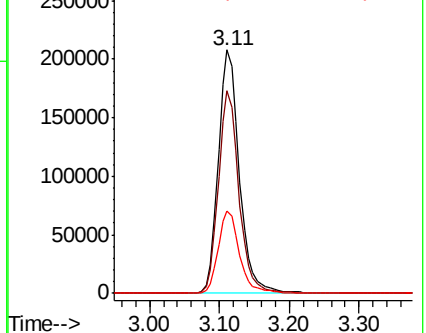
51 34.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.939 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016922.D

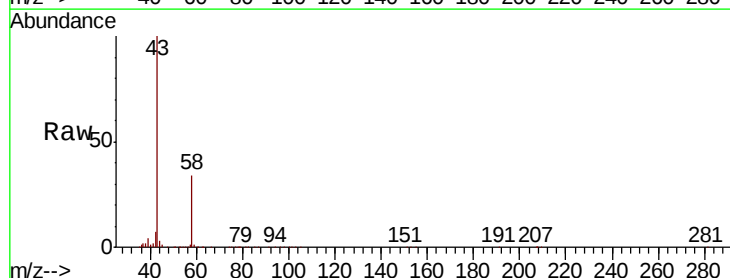
Acq: 22 Jun 2020 15:50

Tgt Ion: 43 Resp: 366275

Ion Ratio Lower Upper

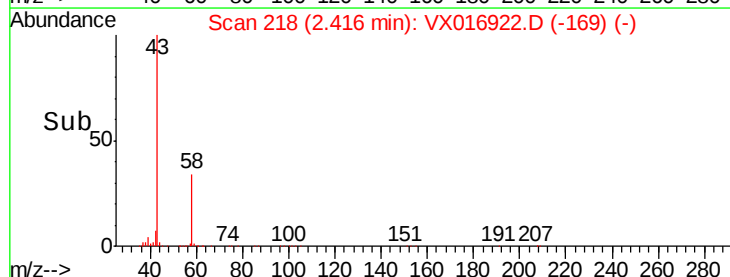
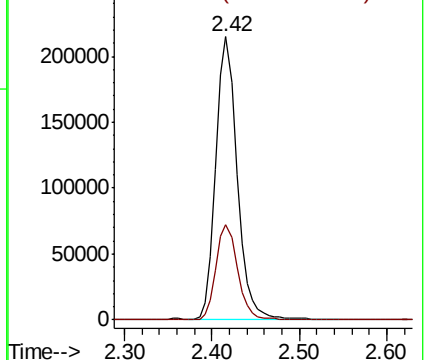
43 100

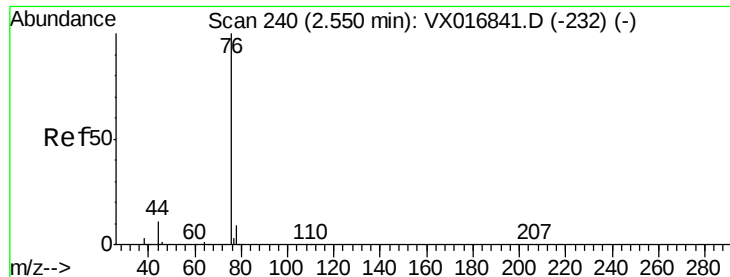
58 33.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

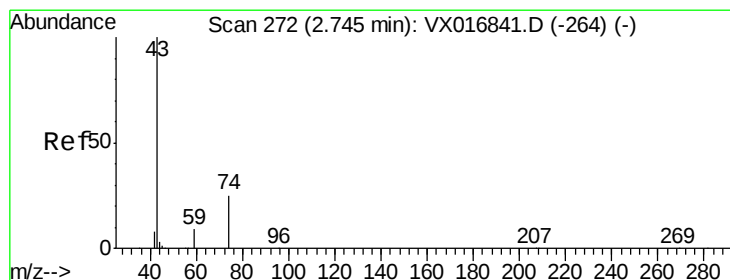
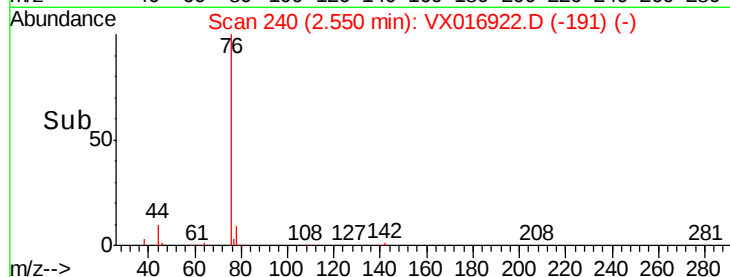
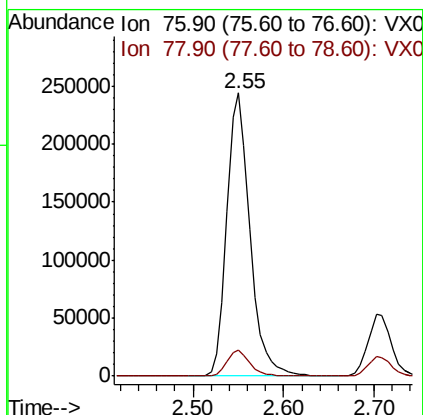
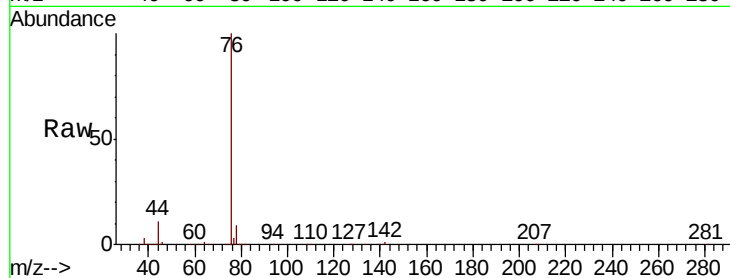




#17
Carbon Disulfide
Concen: 45.634 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

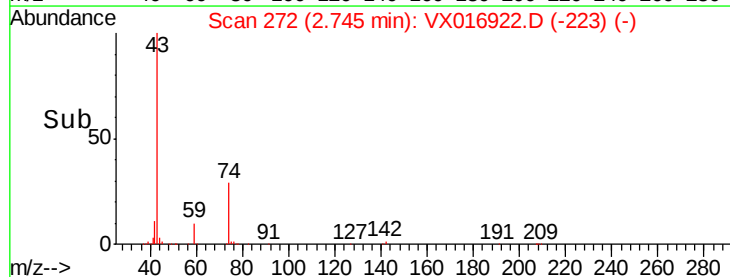
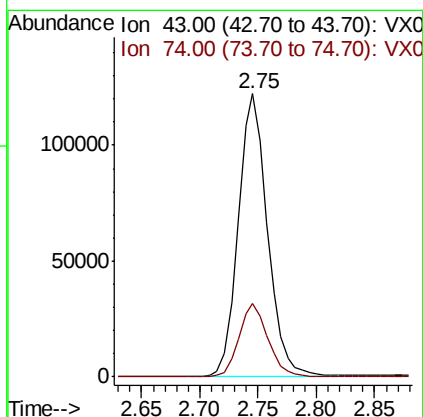
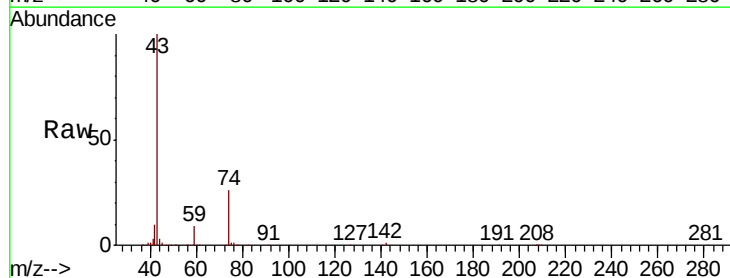
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

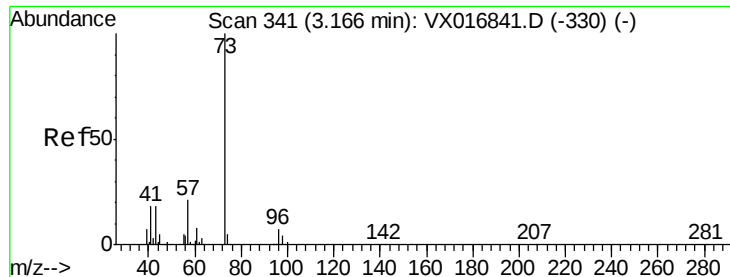
Tot Ion: 76 Resp: 433425
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 55.939 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 43 Resp: 213582
Ion Ratio Lower Upper
43 100
74 26.1 21.8 32.8



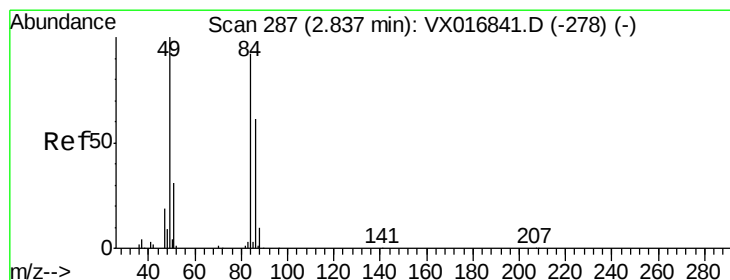
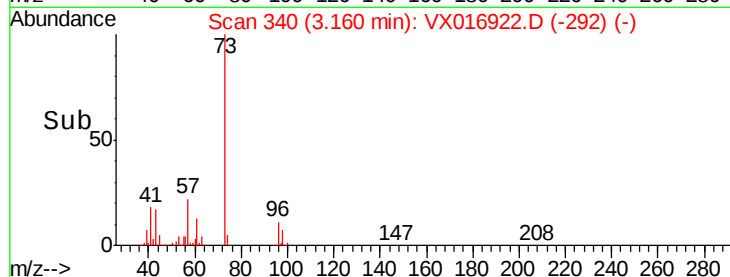
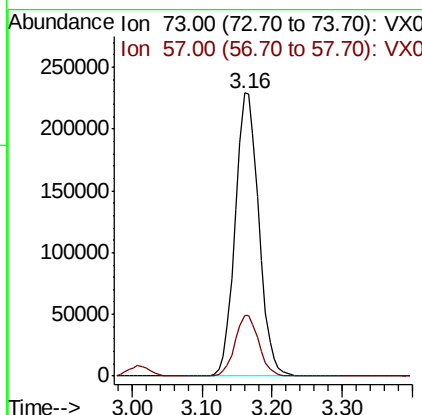
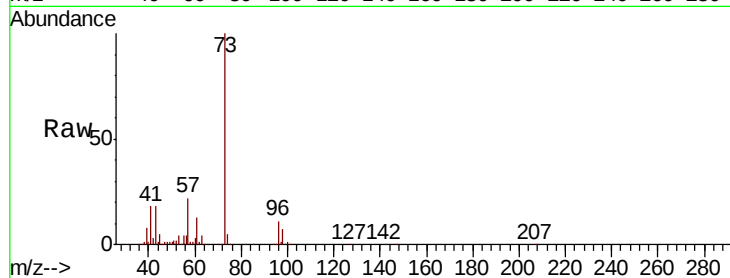


#19

Methyl tert-butyl Ether
 Concen: 51.315 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

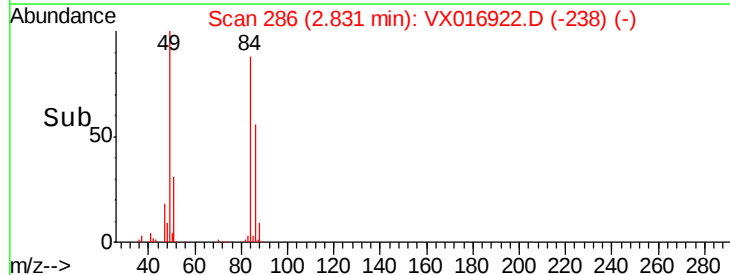
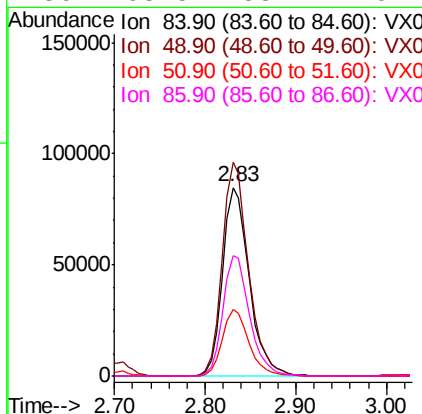
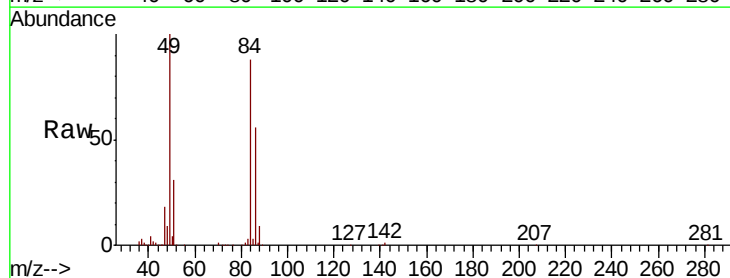
Tot Ion: 73 Resp: 537460
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.9 25.3

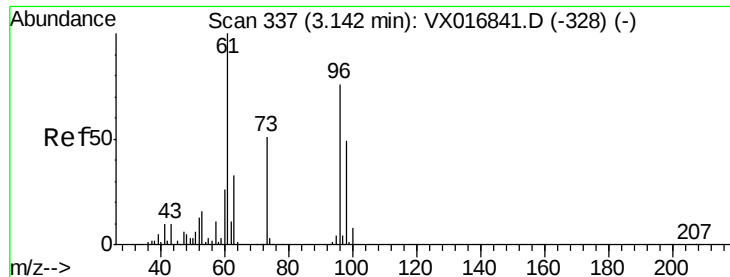


#20

Methylene Chloride
 Concen: 48.036 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion: 84 Resp: 172965
 Ion Ratio Lower Upper
 84 100
 49 113.1 86.6 129.8
 51 35.3 27.1 40.7
 86 63.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 48.633 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

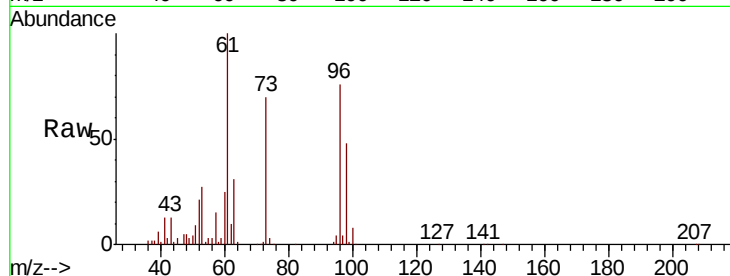
Tot Ion: 96 Resp: 168717

Ion Ratio Lower Upper

96 100

61 132.4 105.4 158.0

98 63.1 51.3 76.9

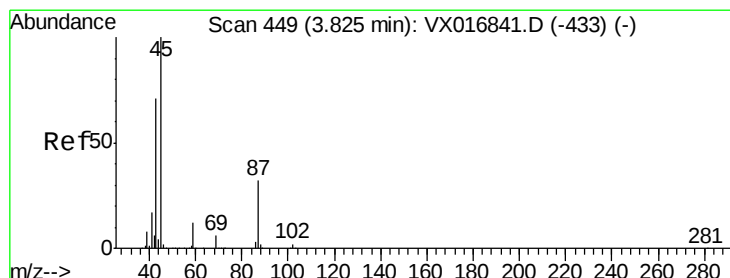
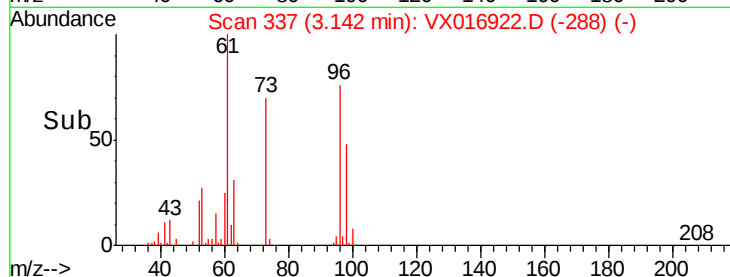
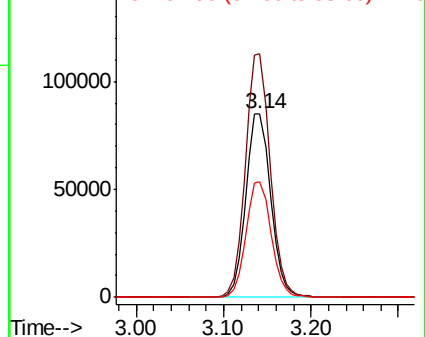


Abundance

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: 54.846 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion: 45 Resp: 510834

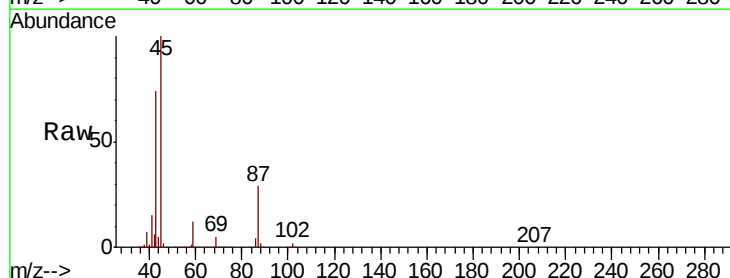
Ion Ratio Lower Upper

45 100

43 73.9 57.0 85.4

87 28.7 25.2 37.8

59 12.0 9.9 14.9



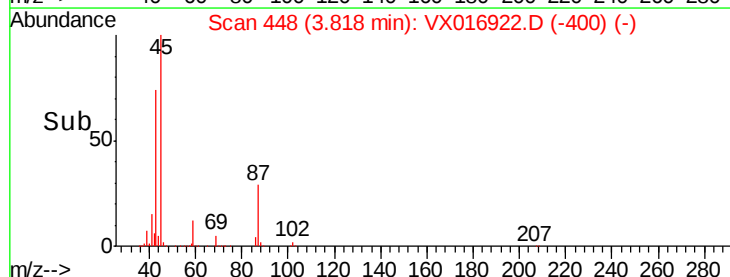
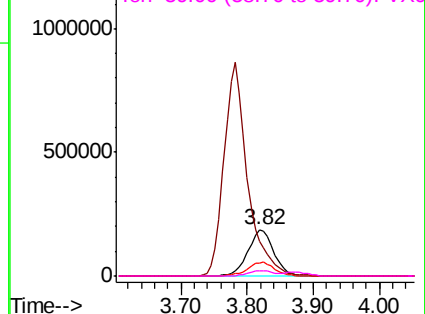
Abundance

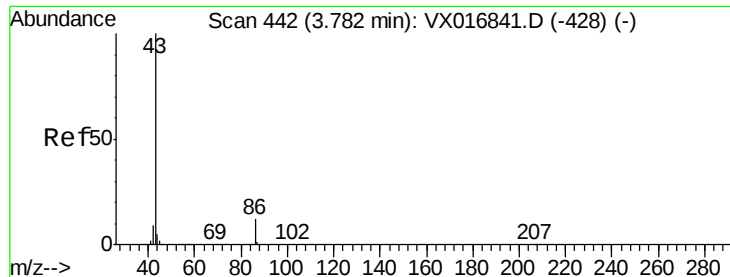
Ion 45.00 (44.70 to 45.70): VX0

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: 277.378 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

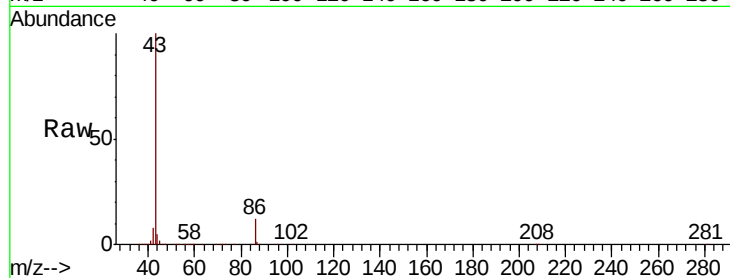
VSTDCCC050

Tot Ion: 43 Resp: 2130339

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

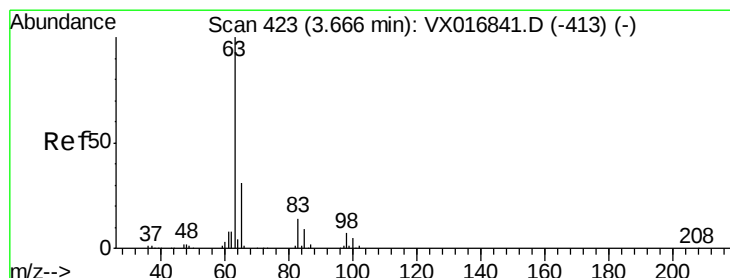
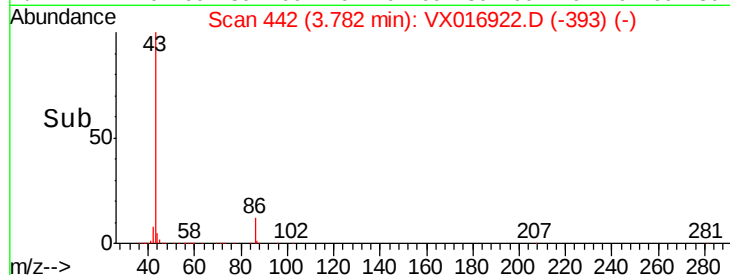
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.354 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

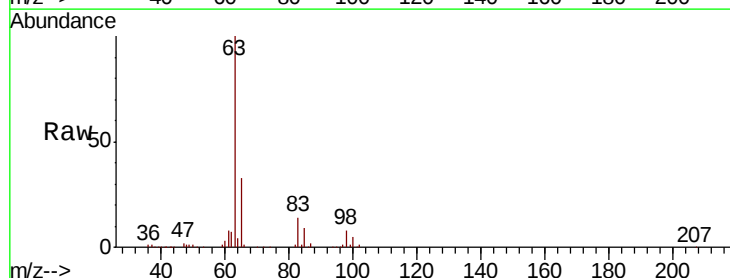
Tgt Ion: 63 Resp: 292957

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

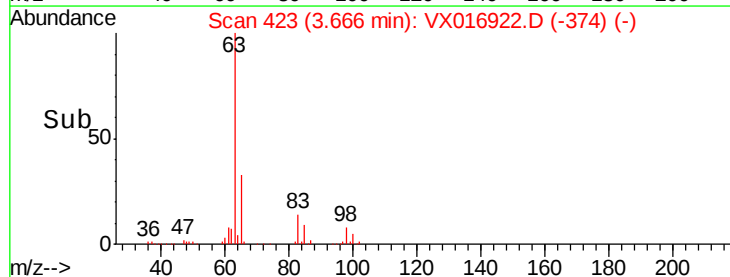
150000

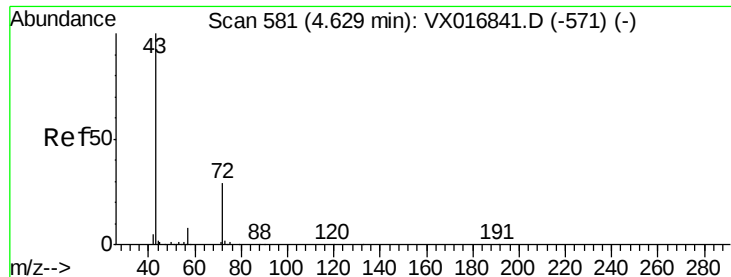
100000

50000

0

Time-->

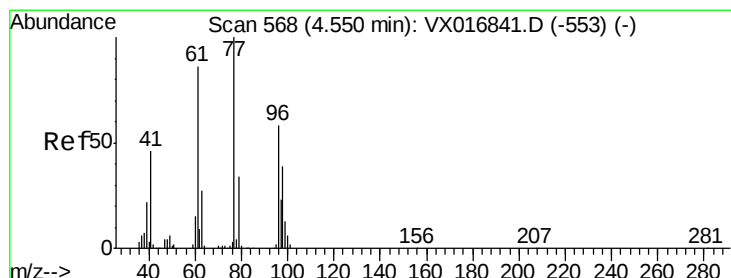
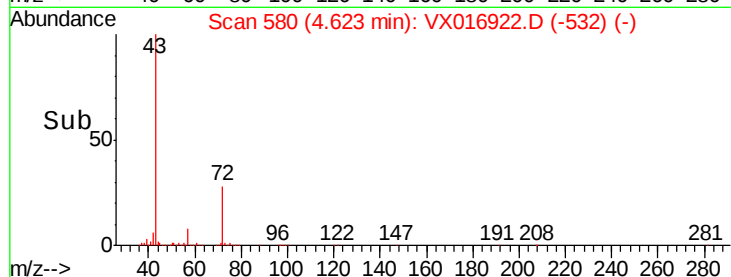
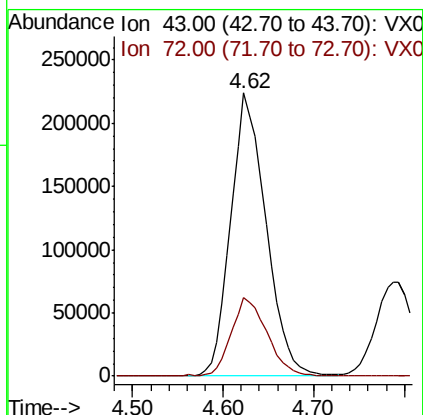
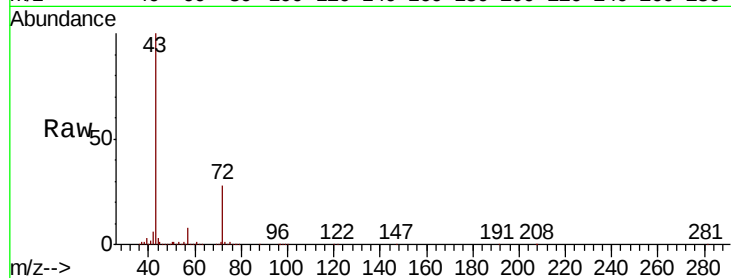




#25
2-Butanone
Concen: 292.233 ug/l
RT: 4.62 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

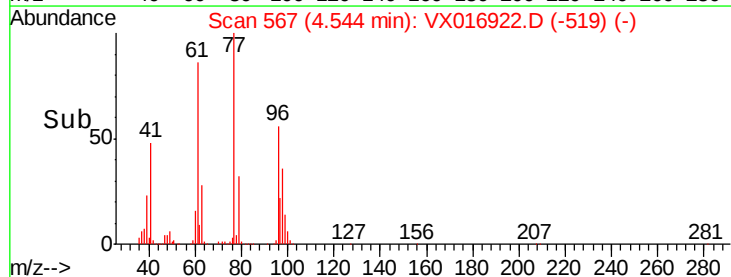
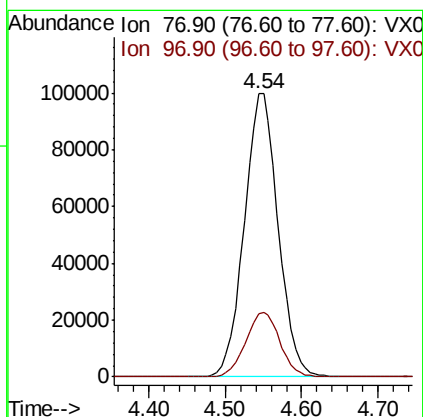
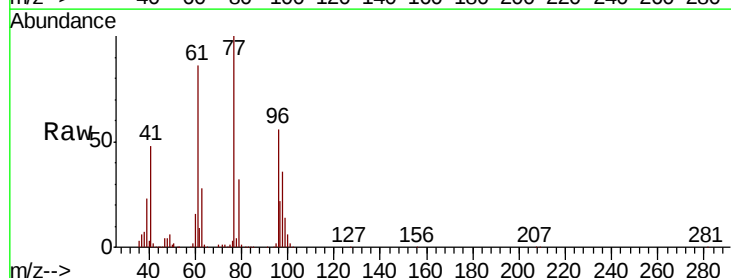
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

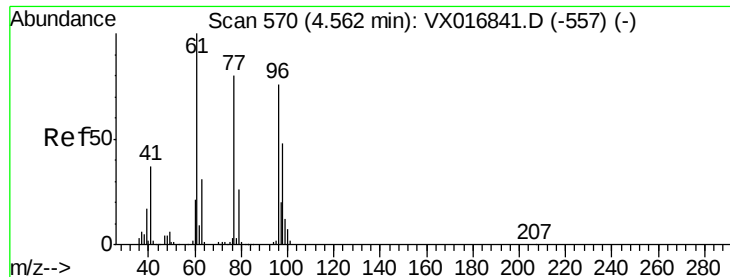
Tot Ion: 43 Resp: 603884
Ion Ratio Lower Upper
43 100
72 27.7 23.5 35.3



#26
2,2-Dichloropropane
Concen: 56.287 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 77 Resp: 306807
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7



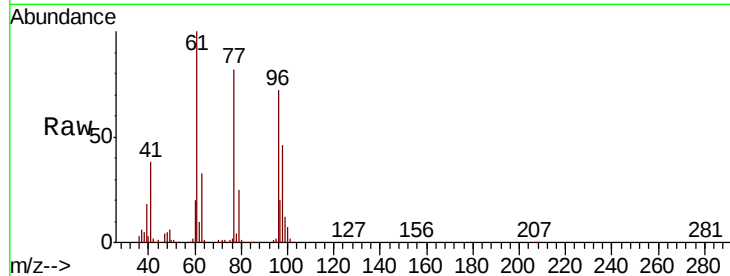


#27

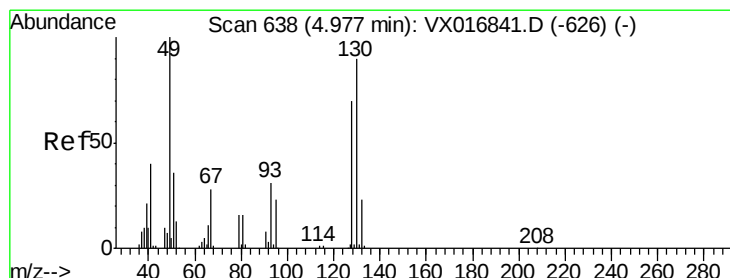
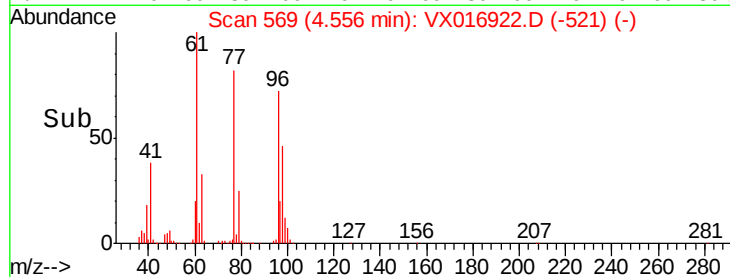
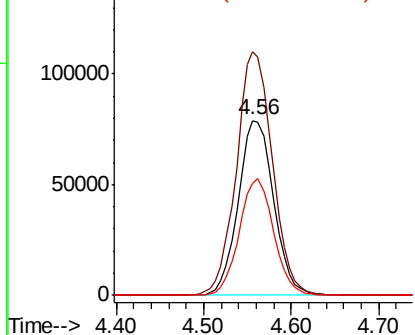
cis-1,2-Dichloroethene
 Concen: 57.163 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	273.8
98	65.0	0.0	129.0



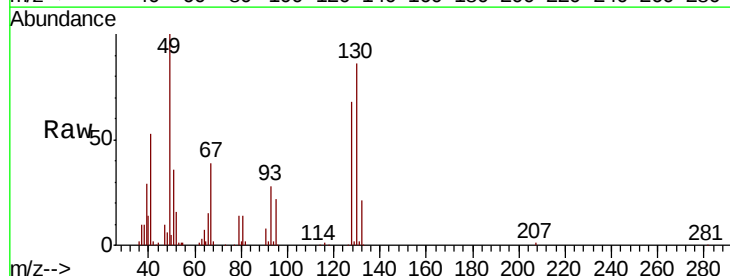
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



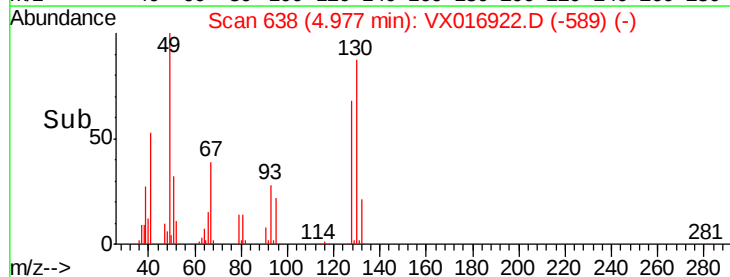
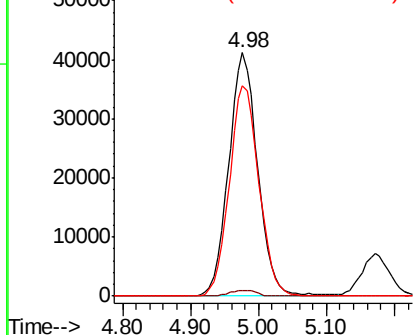
#28

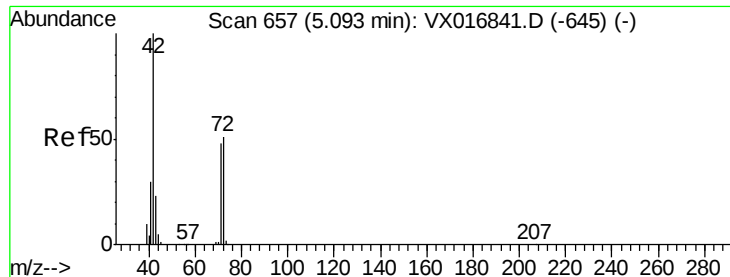
Bromochloromethane
 Concen: 50.347 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	88.1	76.8	115.2



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





#29

Tetrahydrofuran

Concen: 275.944 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

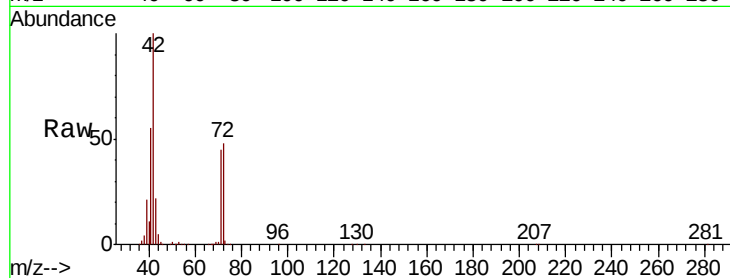
Tot Ion: 42 Resp: 359126

Ion Ratio Lower Upper

42 100

72 48.8 41.1 61.7

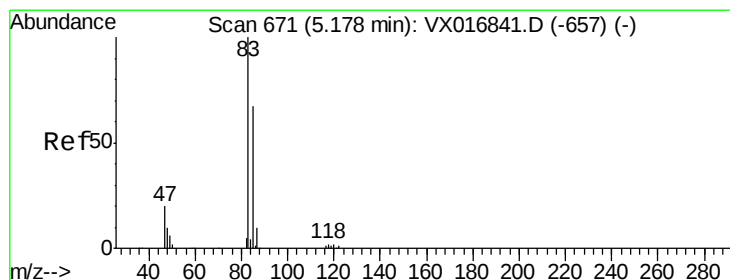
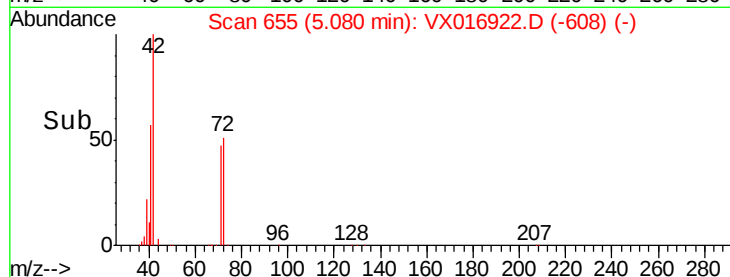
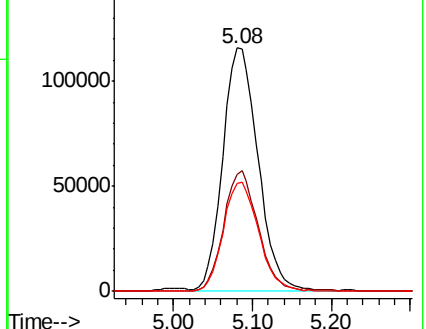
71 45.3 38.4 57.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.972 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016922.D

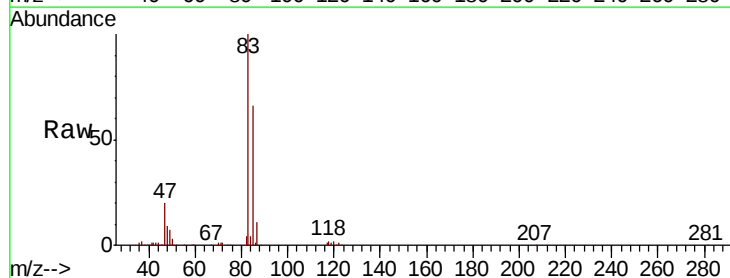
Acq: 22 Jun 2020 15:50

Tgt Ion: 83 Resp: 294656

Ion Ratio Lower Upper

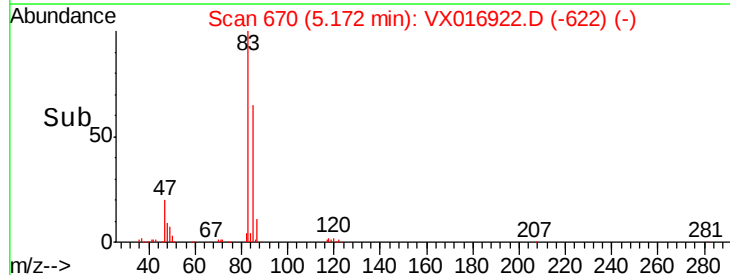
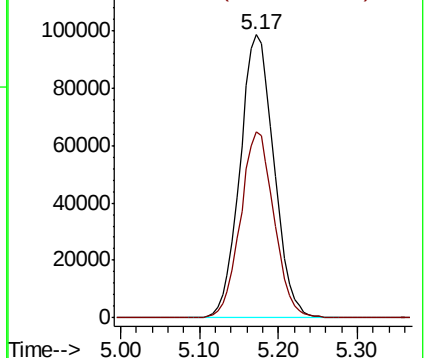
83 100

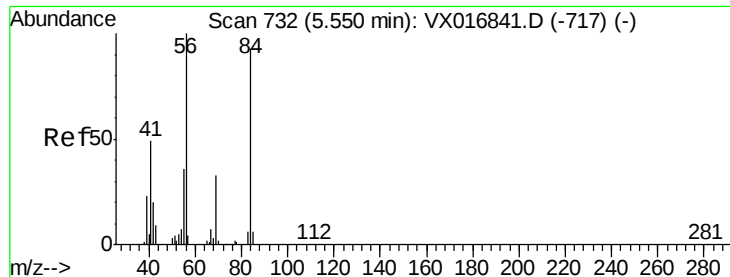
85 65.6 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

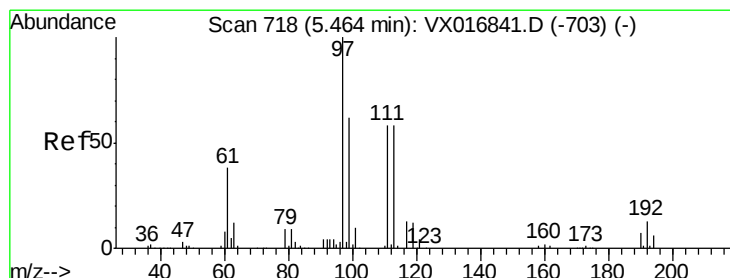
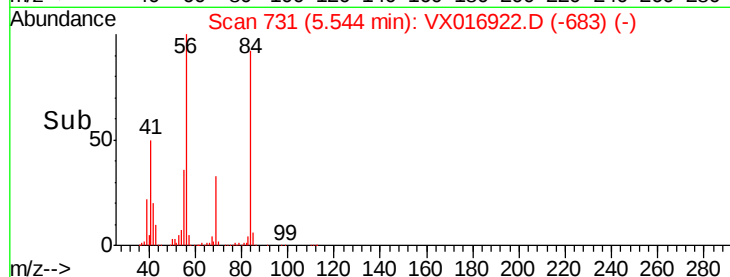
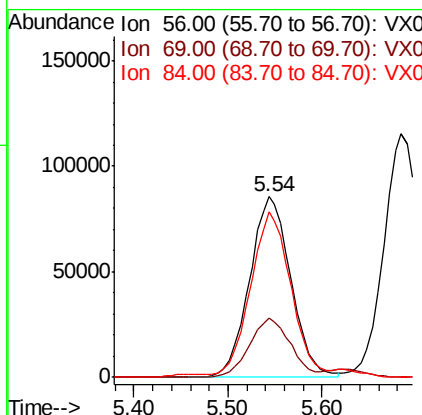
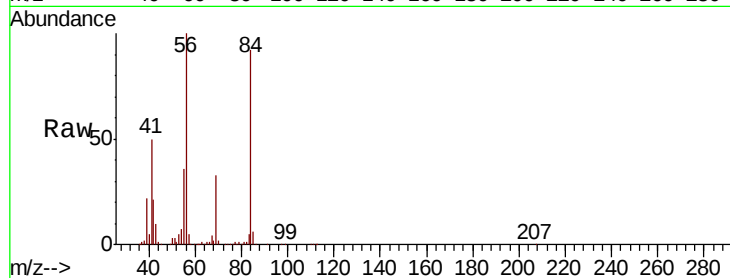




#31
Cyclohexane
Concen: 51.257 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

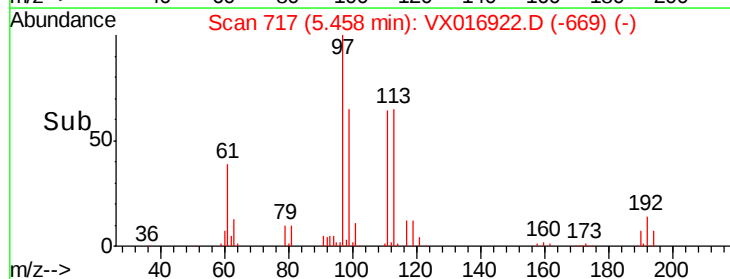
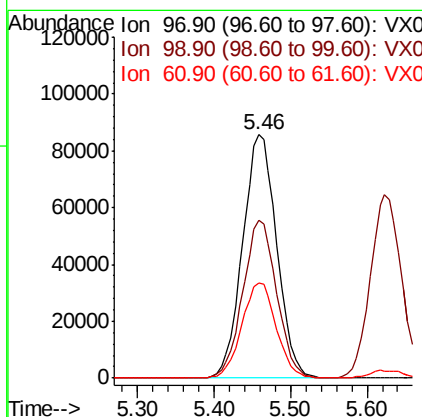
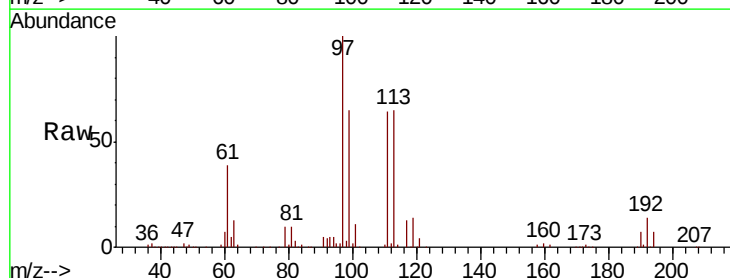
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

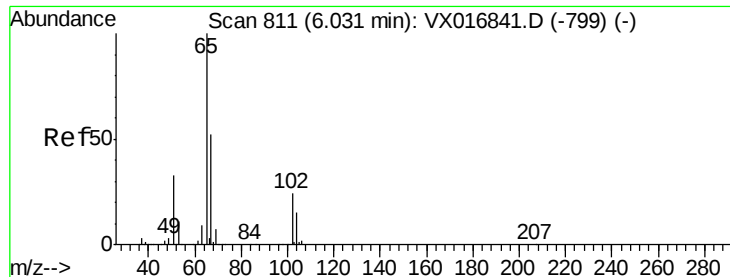
Tot Ion: 56 Resp: 262177
Ion Ratio Lower Upper
56 100
69 32.5 26.1 39.1
84 90.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 45.627 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 97 Resp: 265247
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 39.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 44.981 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

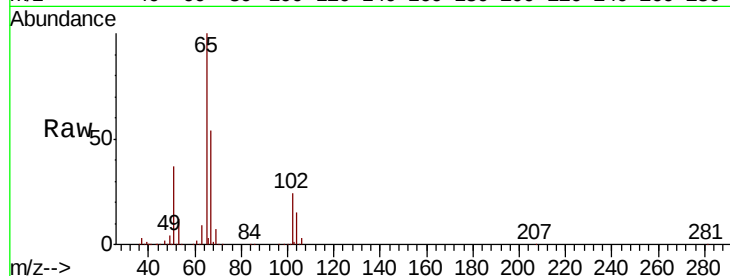
VSTDCCC050

Tot Ion: 65 Resp: 186050

Ion Ratio Lower Upper

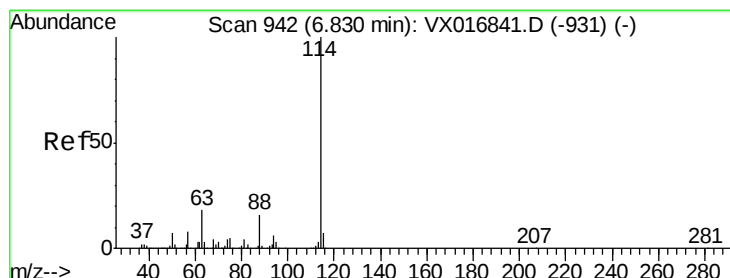
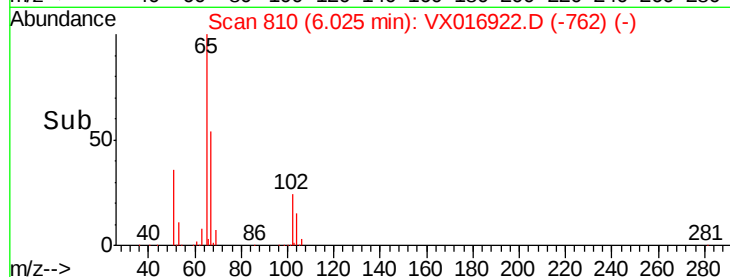
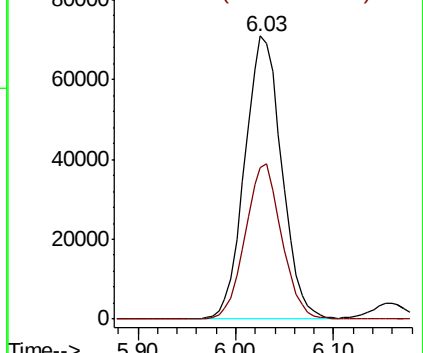
65 100

67 54.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

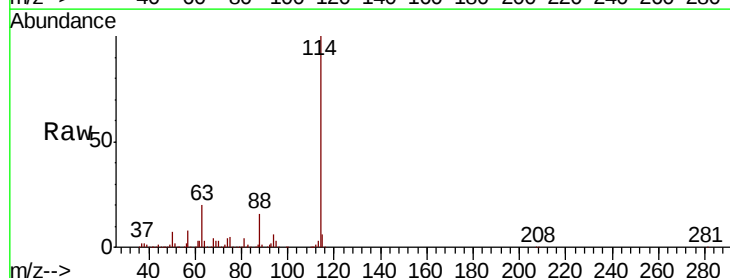
Tgt Ion: 114 Resp: 614674

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

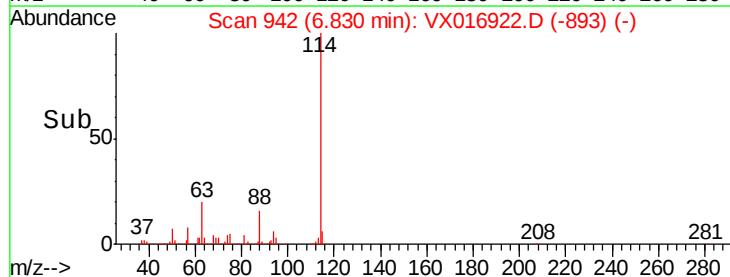
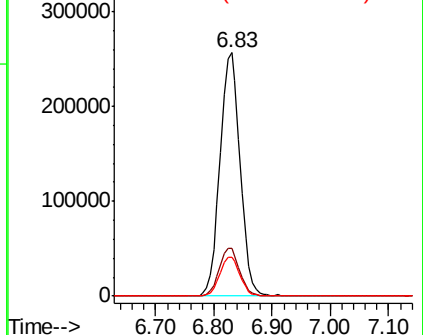
88 16.1 0.0 32.0

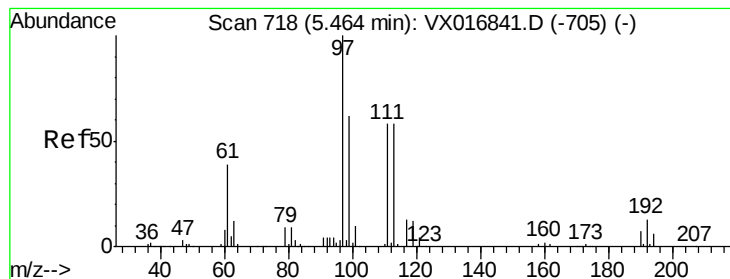


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.758 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

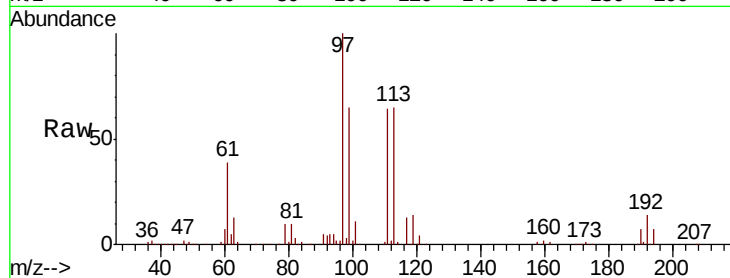
Tot Ion:113 Resp: 160263

Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

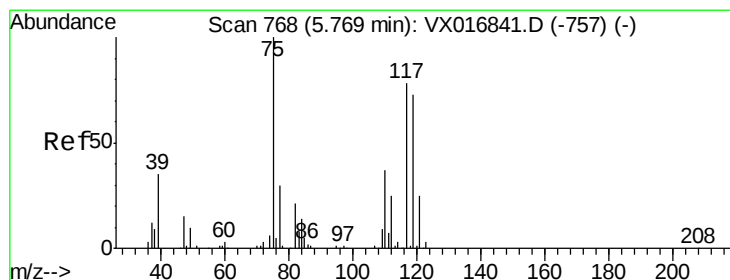
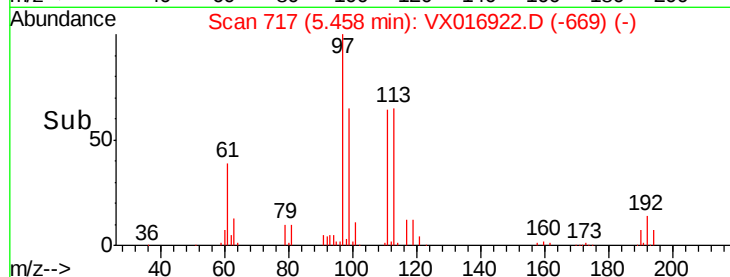
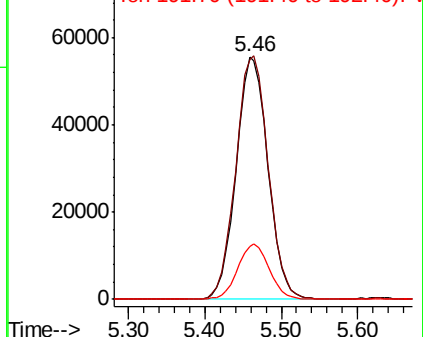
192 22.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 39.857 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

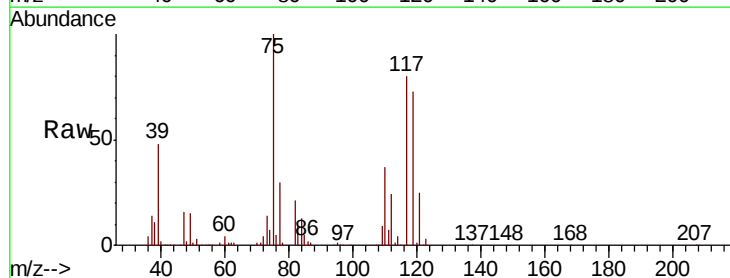
Tgt Ion: 75 Resp: 226207

Ion Ratio Lower Upper

75 100

110 37.0 18.9 56.9

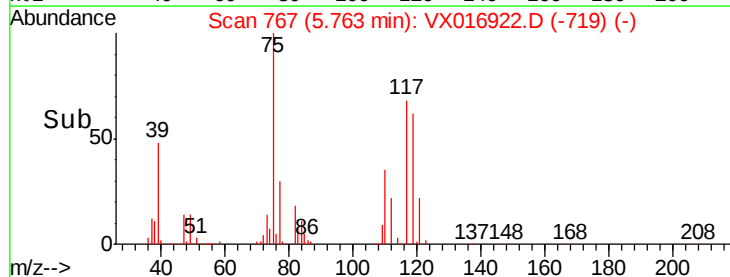
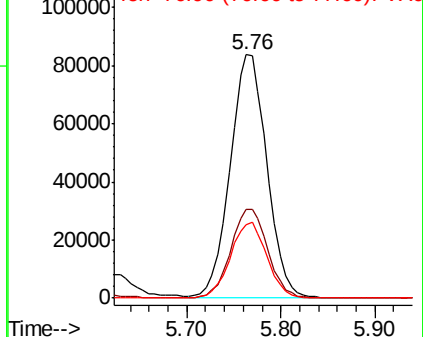
77 31.6 25.6 38.4

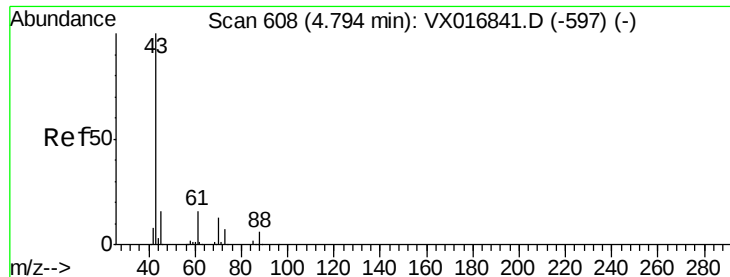


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

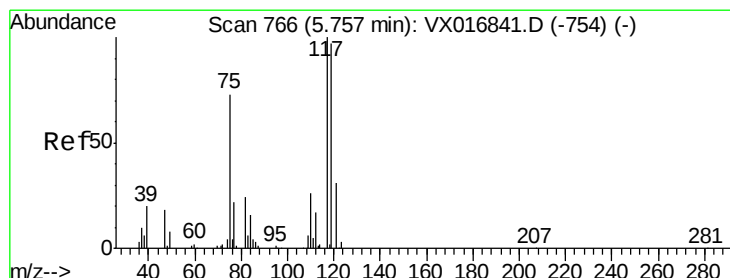
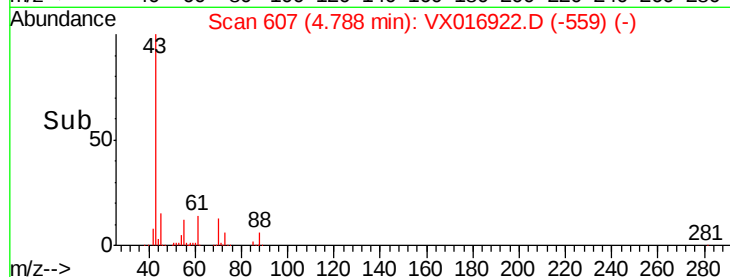
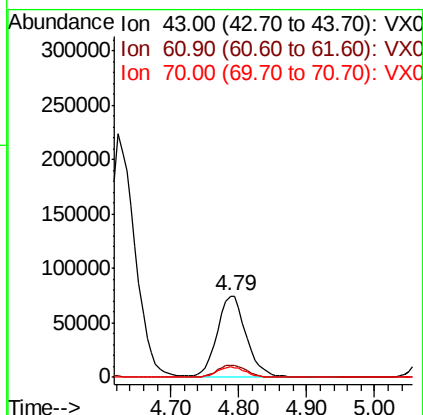
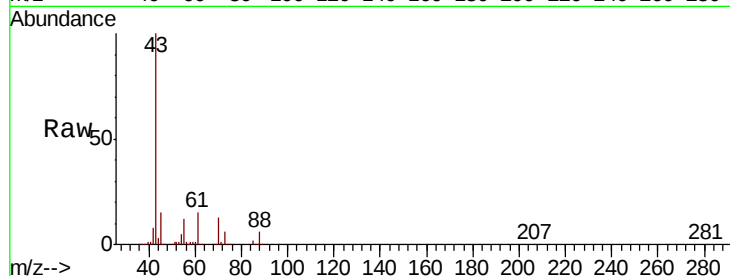




#37
Ethyl Acetate
Concen: 44.220 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

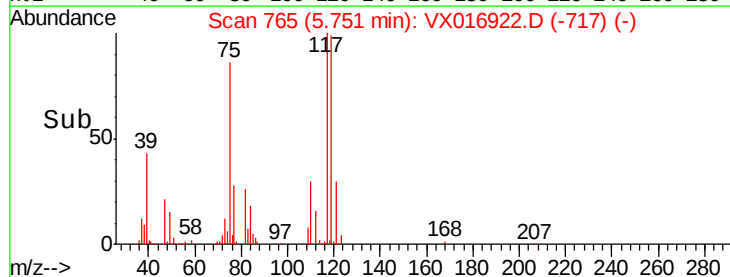
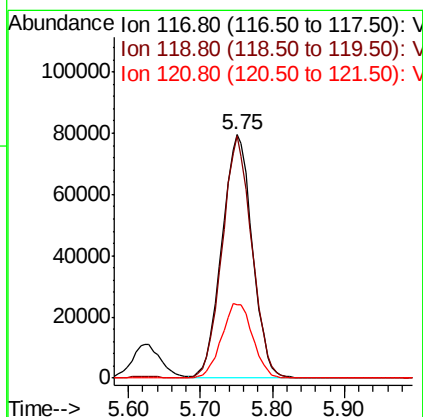
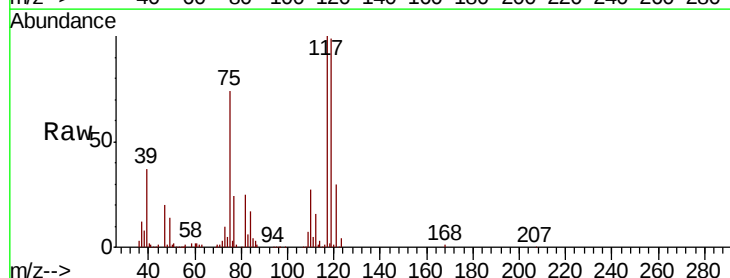
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

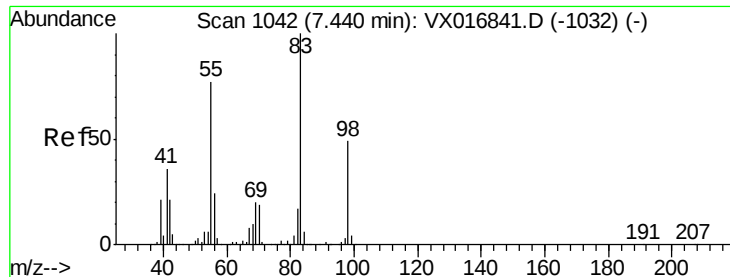
Tot Ion: 43 Resp: 221744
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 36.531 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 117 Resp: 232635
Ion Ratio Lower Upper
117 100
119 99.2 77.4 116.2
121 30.2 24.7 37.1

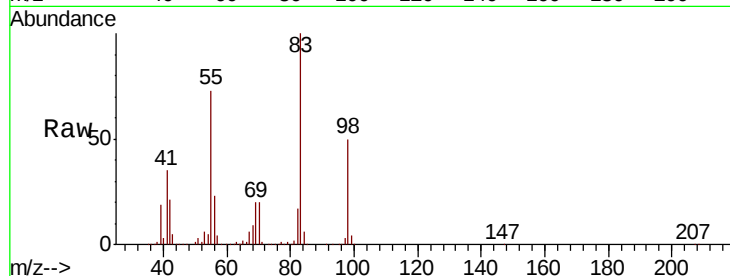




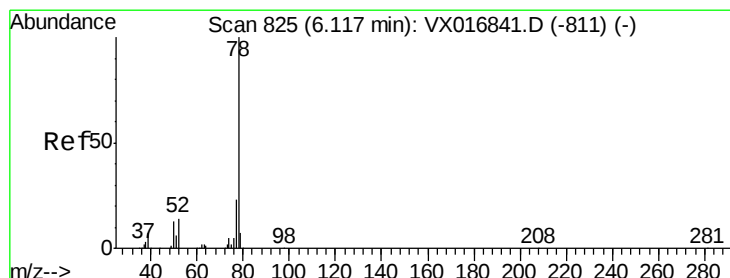
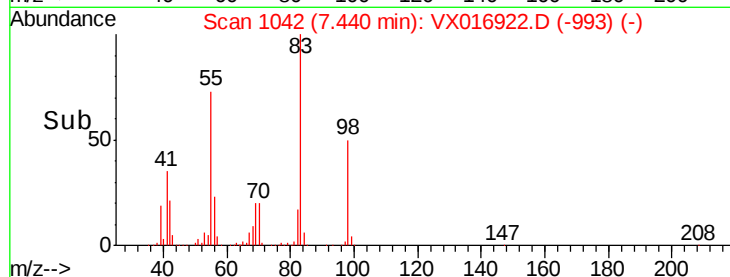
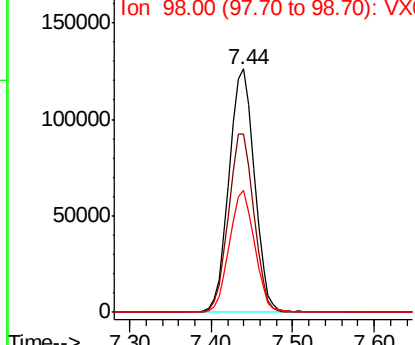
#39
Methvlcvclohexane
Concen: 41.090 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 271155
Ion Ratio Lower Upper
83 100
55 73.1 61.7 92.5
98 50.3 39.0 58.6

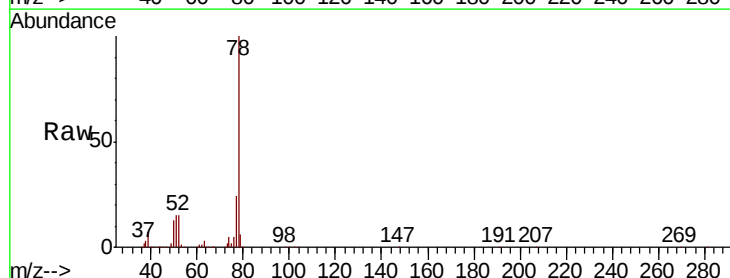


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

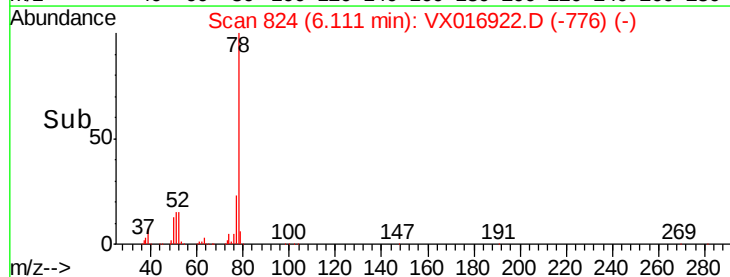
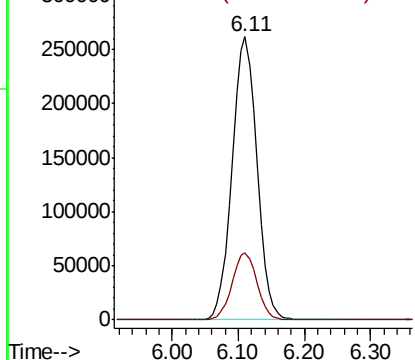


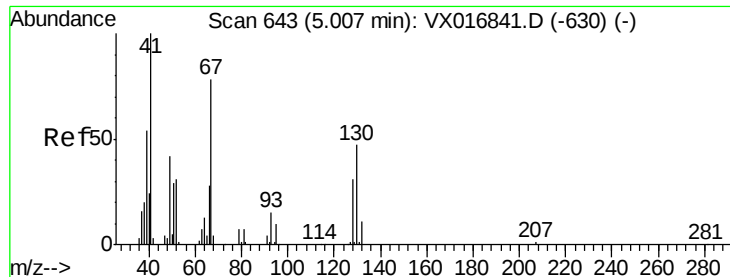
#40
Benzene
Concen: 39.986 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 78 Resp: 680948
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

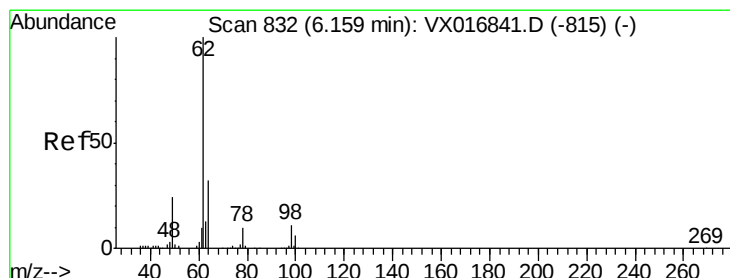
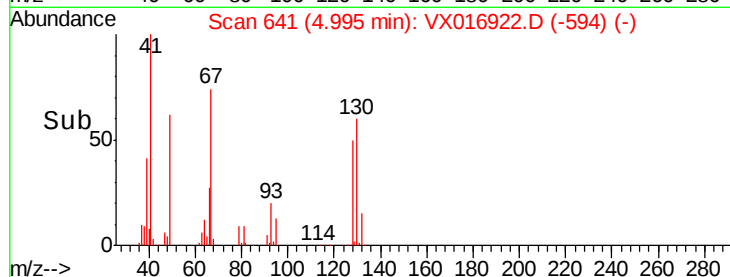
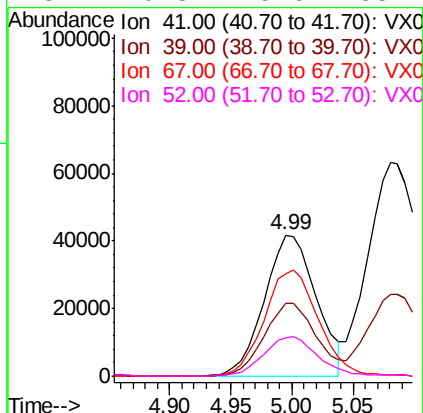
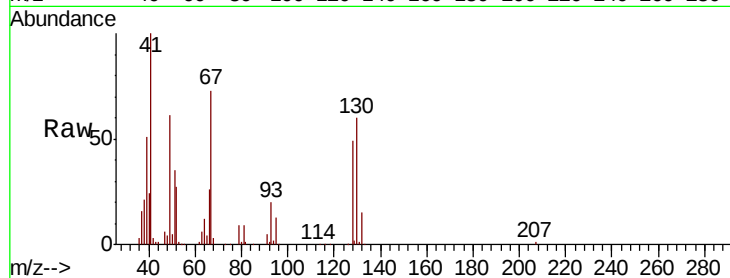




#41
Methacrylonitrile
Concen: 45.096 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

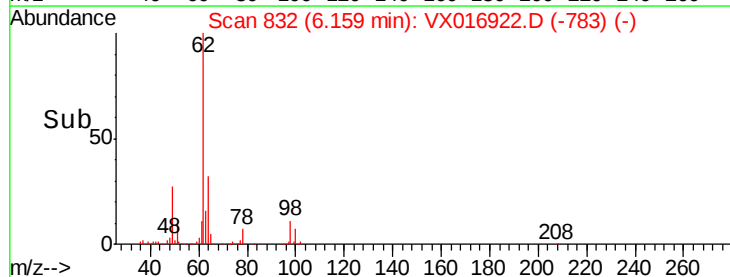
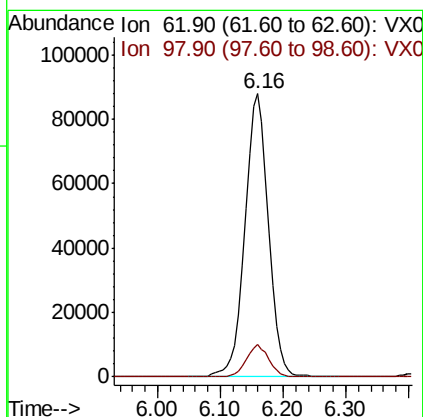
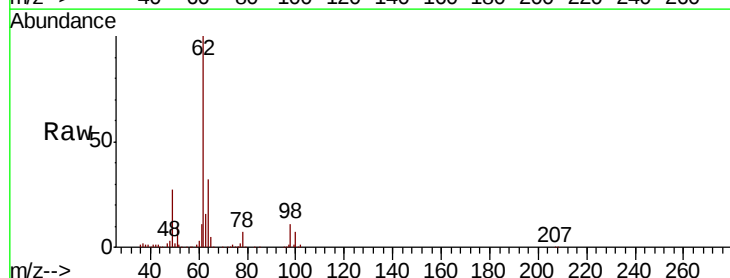
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

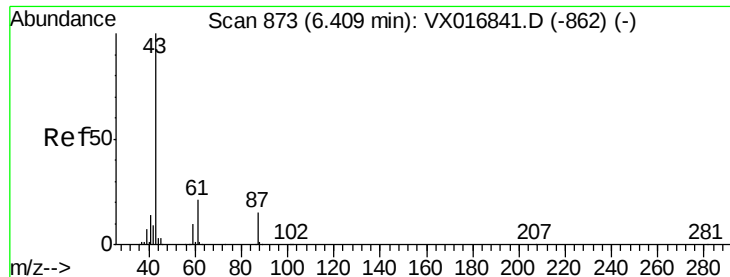
Tot Ion:	41	Resp:	122769
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.6	64.0
67	79.1	64.2	96.2
52	29.3	25.6	38.4



#42
1,2-Dichloroethane
Concen: 37.566 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion:	62	Resp:	227647
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8



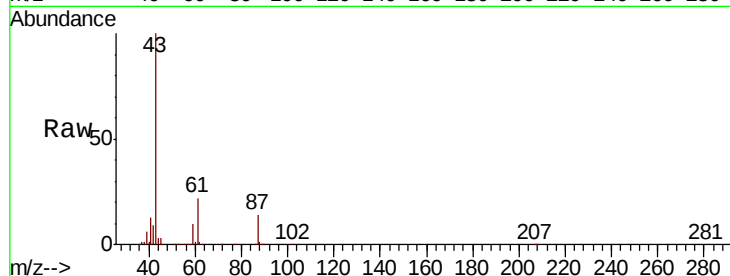


#43

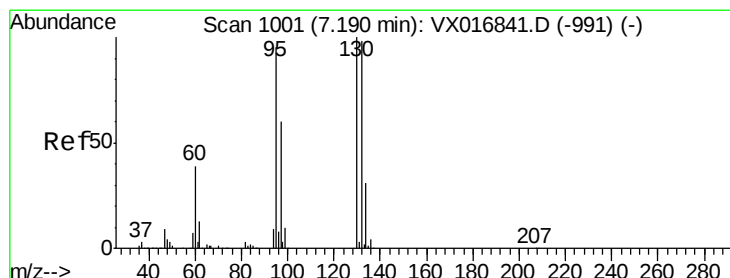
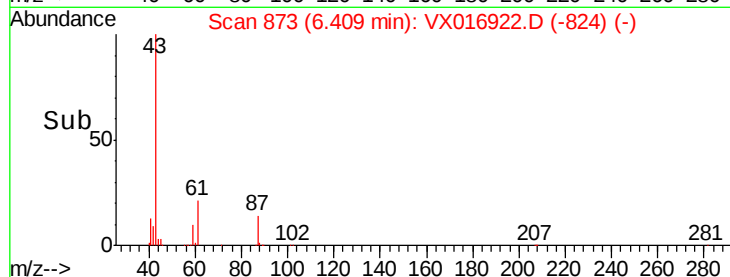
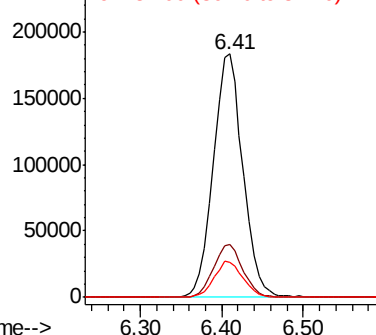
Isopropyl Acetate
 Concen: 52.550 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.9	26.9
87	14.4	12.4	18.6



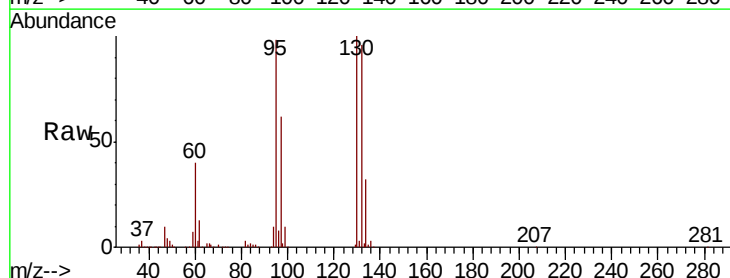
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



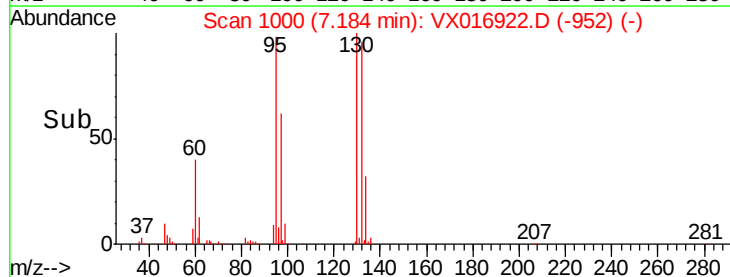
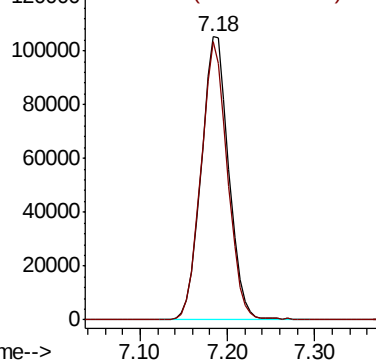
#44

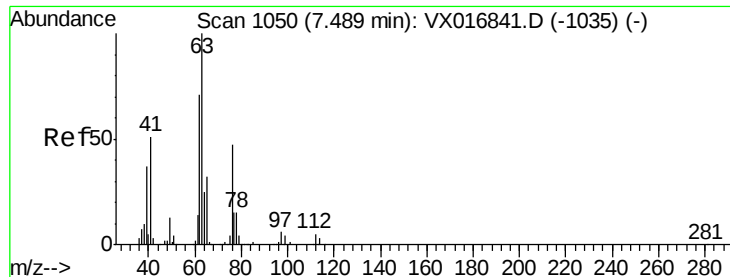
Trichloroethene
 Concen: 44.047 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	190.8



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





#45

1,2-Dichloropropane

Concen: 40.850 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

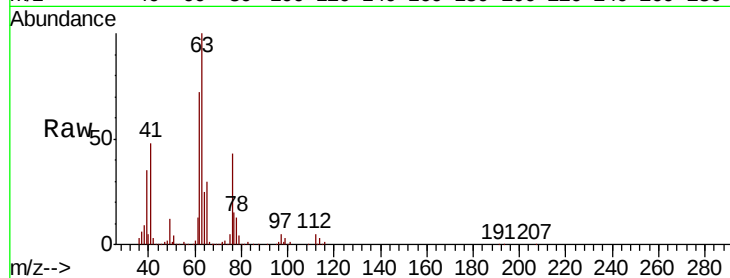
VSTDCCC050

Tot Ion: 63 Resp: 174880

Ion Ratio Lower Upper

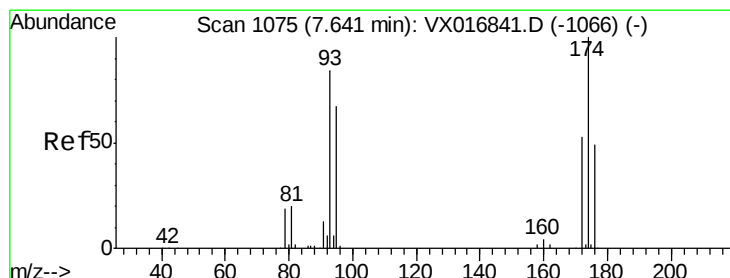
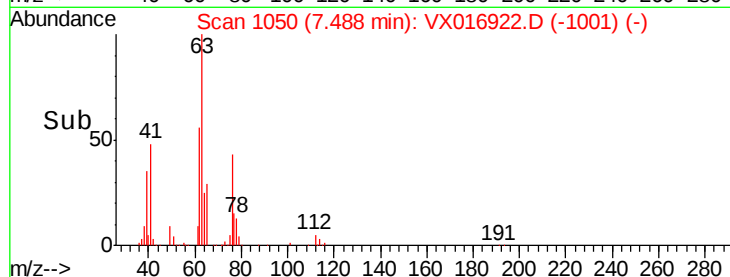
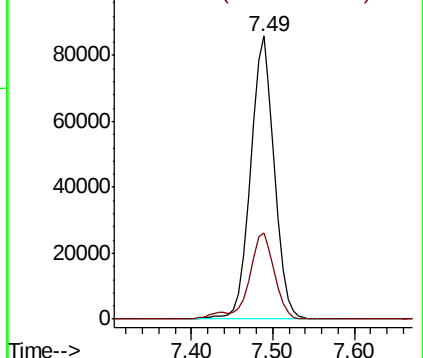
63 100

65 30.4 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 40.574 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

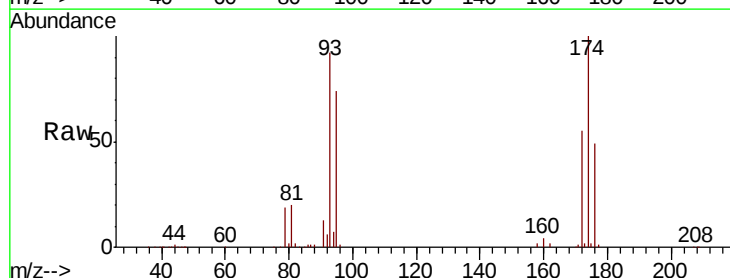
Tgt Ion: 93 Resp: 117796

Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

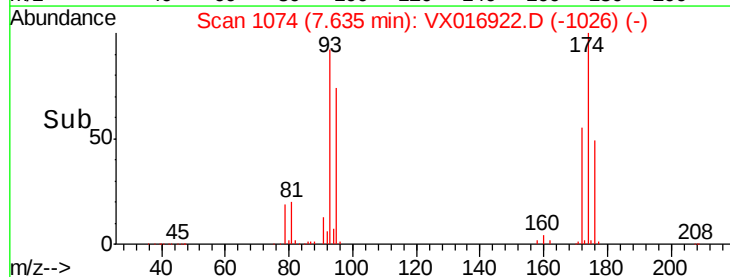
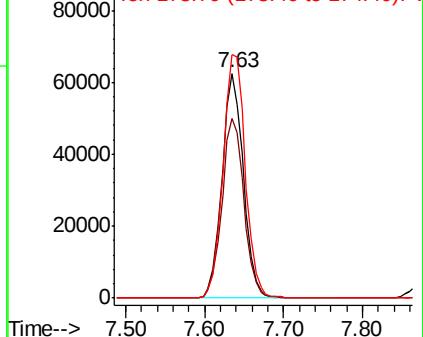
174 113.0 92.8 139.2

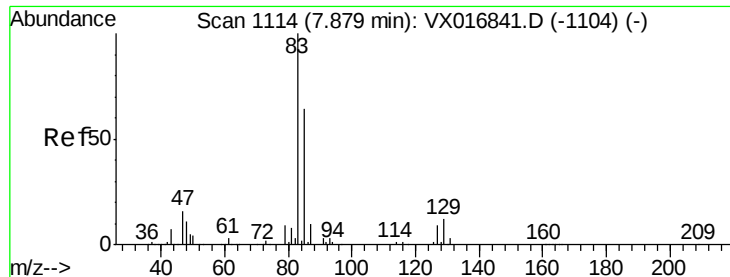


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 39.139 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

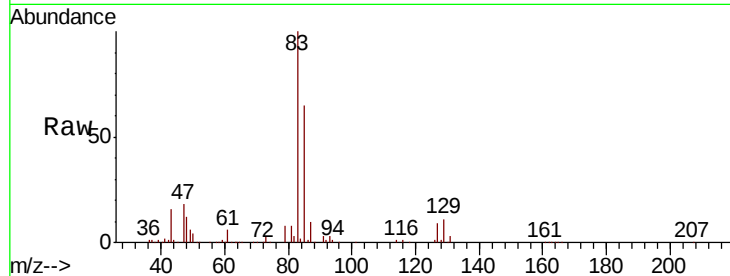
Tot Ion: 83 Resp: 241668

Ion Ratio Lower Upper

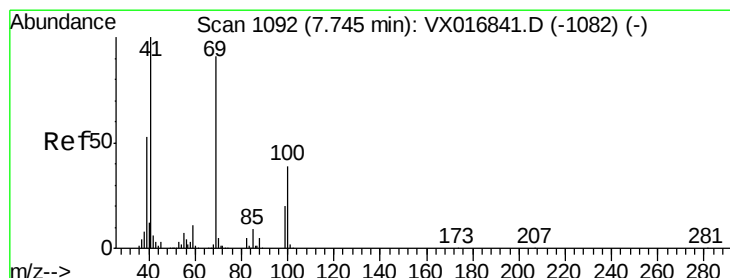
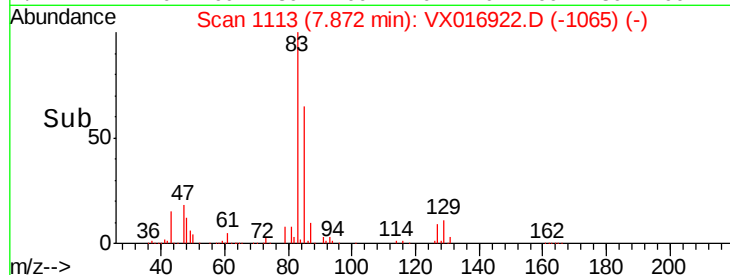
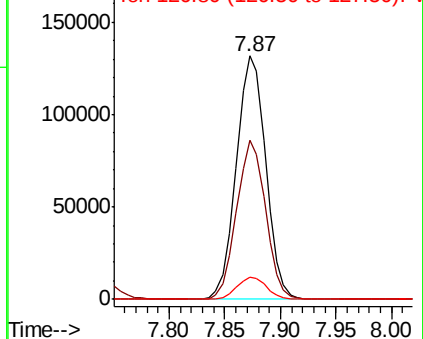
83 100

85 65.4 50.9 76.3

127 9.1 7.4 11.0



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: 43.307 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

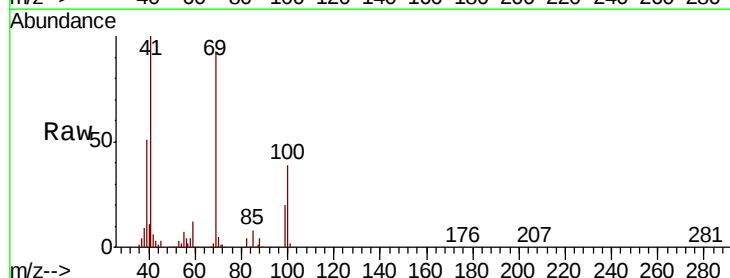
Tgt Ion: 41 Resp: 178578

Ion Ratio Lower Upper

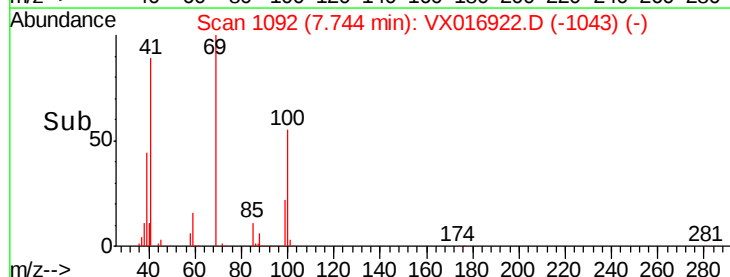
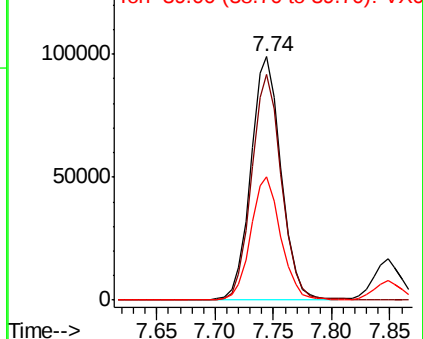
41 100

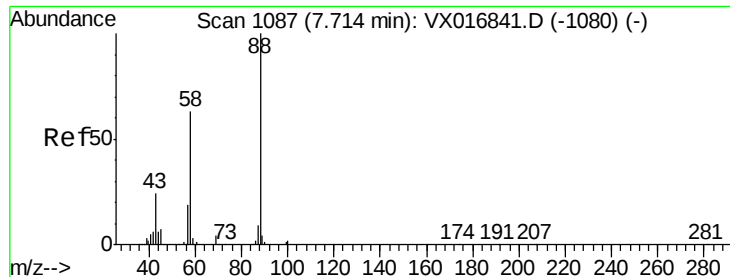
69 92.0 73.3 109.9

39 50.3 42.4 63.6



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: 931.457 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

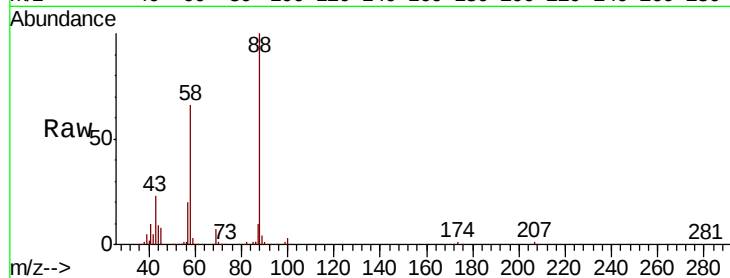
Tot Ion: 88 Resp: 85979

Ion Ratio Lower Upper

88 100

43 27.2 22.7 34.1

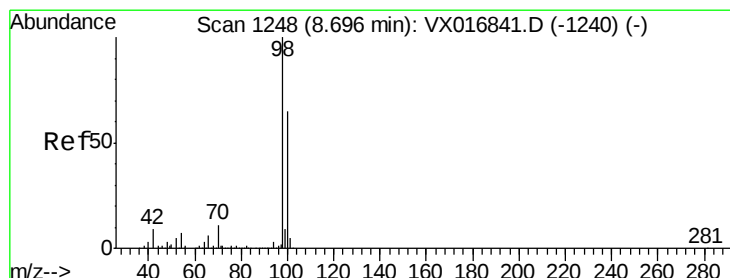
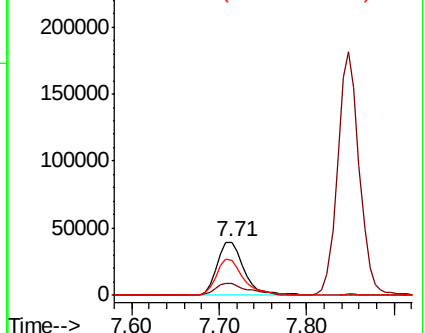
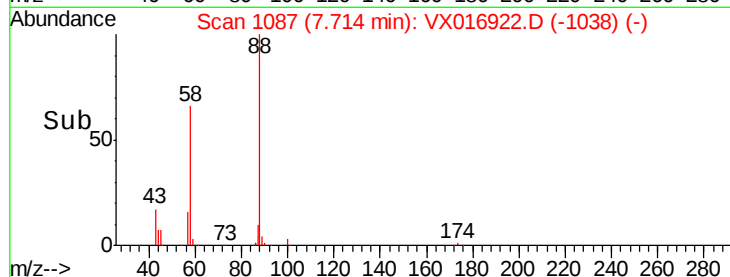
58 68.6 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 39.612 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016922.D

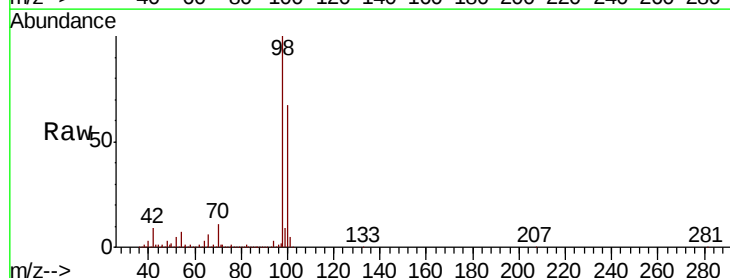
Acq: 22 Jun 2020 15:50

Tgt Ion: 98 Resp: 623170

Ion Ratio Lower Upper

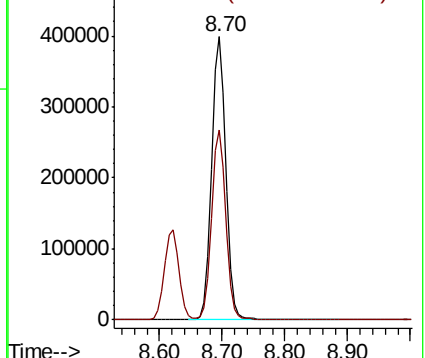
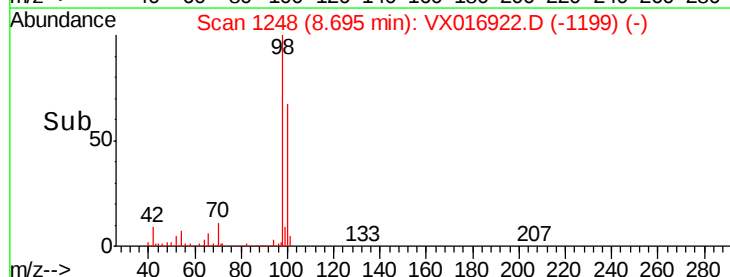
98 100

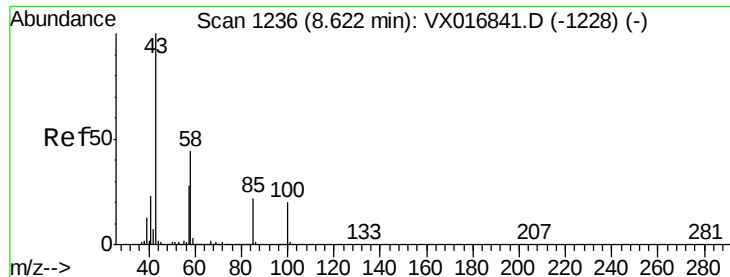
100 67.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 209.600 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

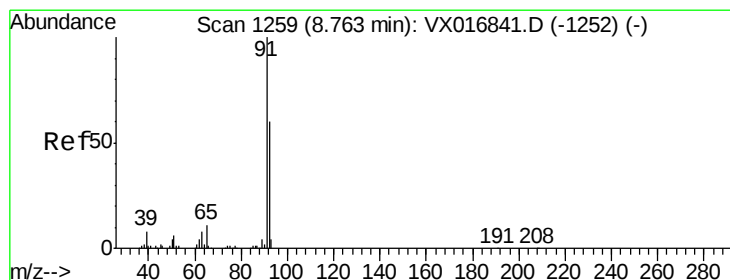
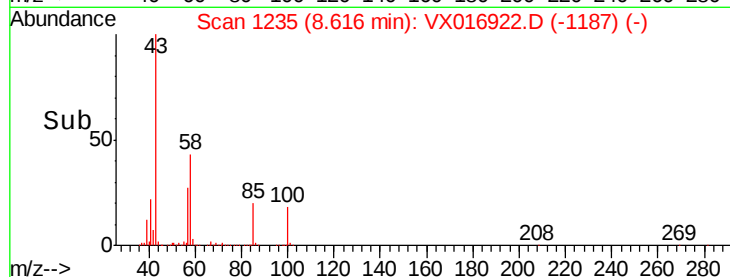
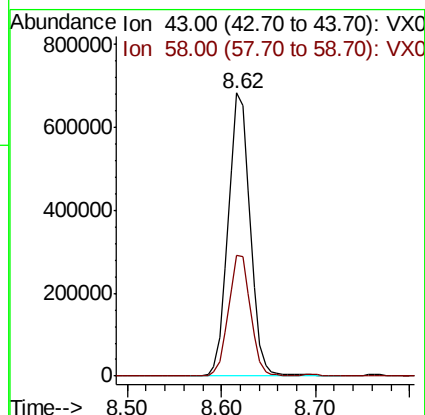
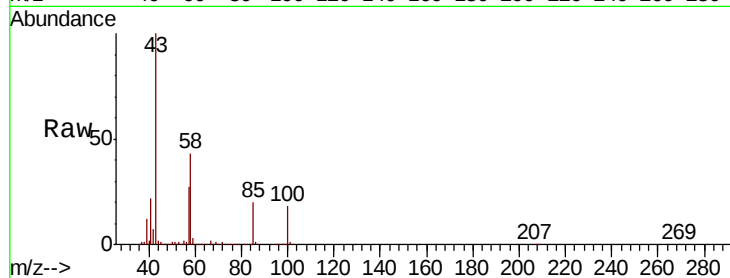
VSTDCCC050

Tot Ion: 43 Resp: 1103954

Ion Ratio Lower Upper

43 100

58 43.0 34.3 51.5



#52

Toluene

Concen: 38.959 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016922.D

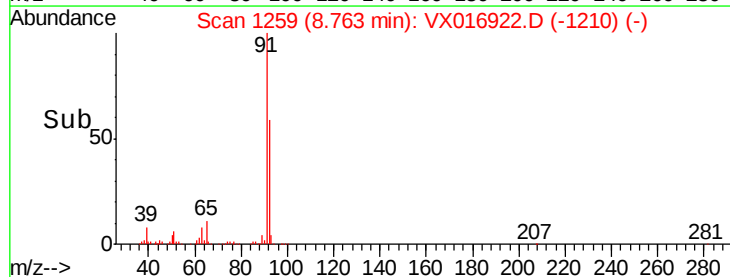
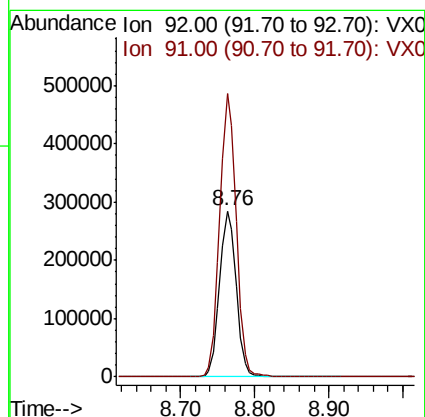
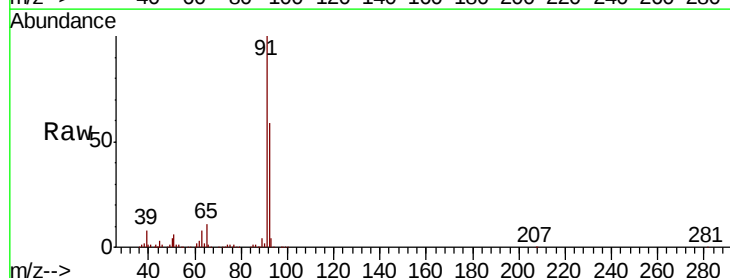
Acq: 22 Jun 2020 15:50

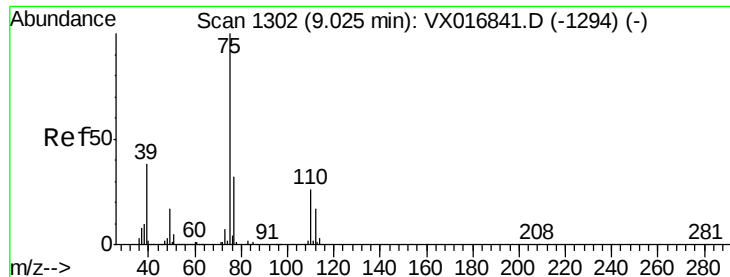
Tgt Ion: 92 Resp: 440124

Ion Ratio Lower Upper

92 100

91 169.7 134.2 201.2

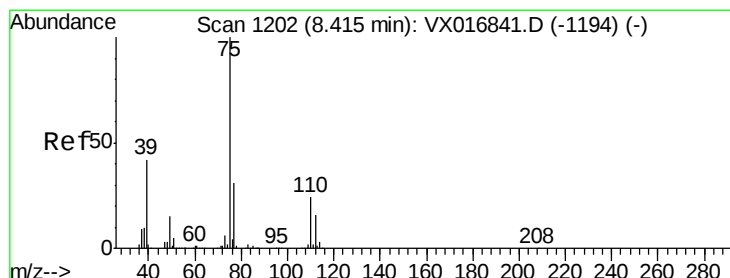
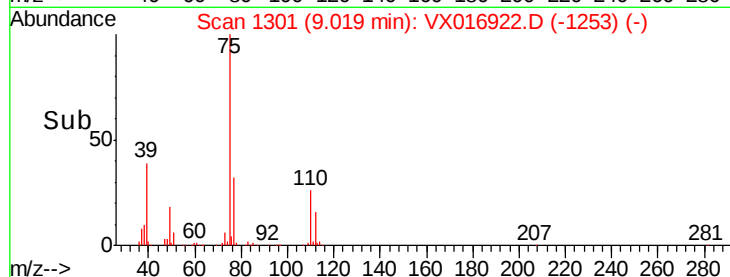
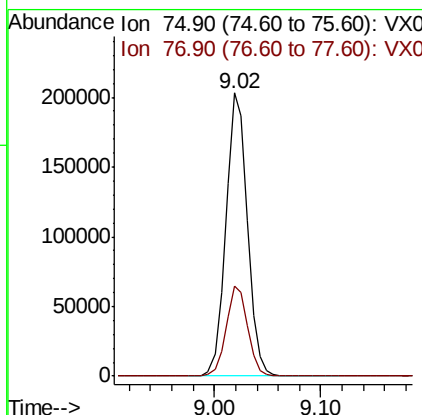
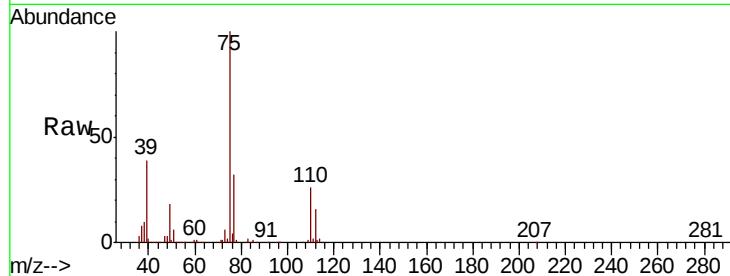




#53
 t-1,3-Dichloropropene
 Concen: 42.251 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

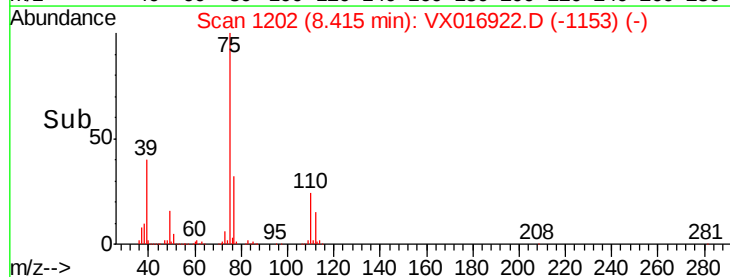
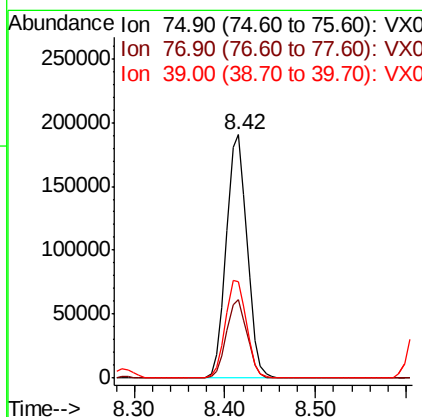
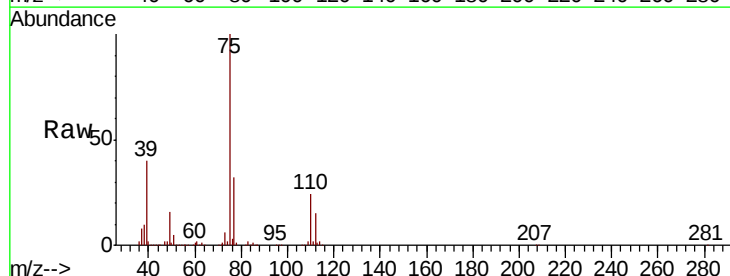
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

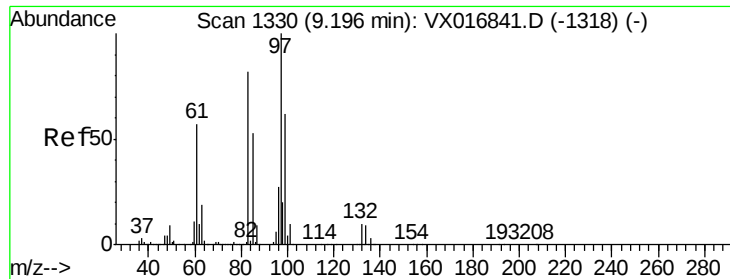
Tot Ion: 75 Resp: 286809
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 41.983 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion: 75 Resp: 304880
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 39.6 33.4 50.0

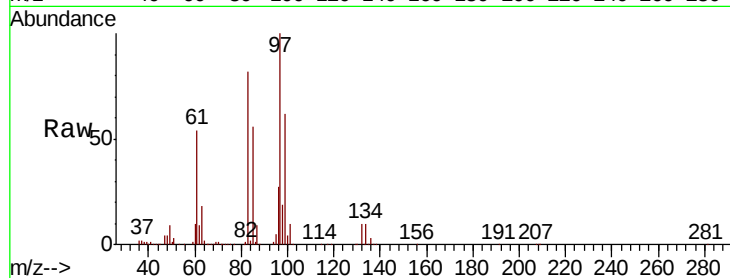




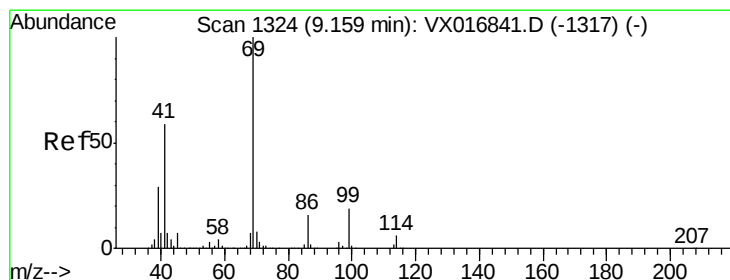
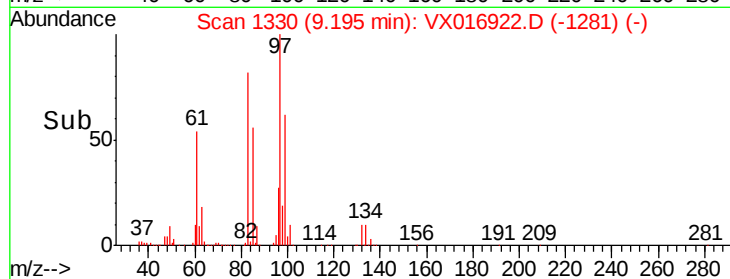
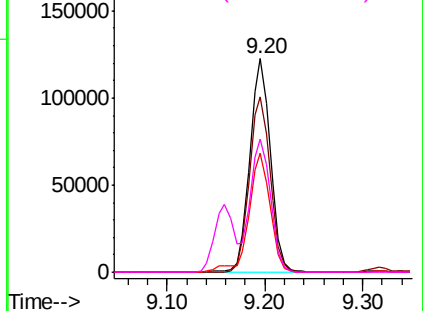
#55
 1,1,2-Trichloroethane
 Concen: 41.977 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	179048
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.5	98.3
85	55.7	42.6	63.8
99	62.2	49.4	74.0

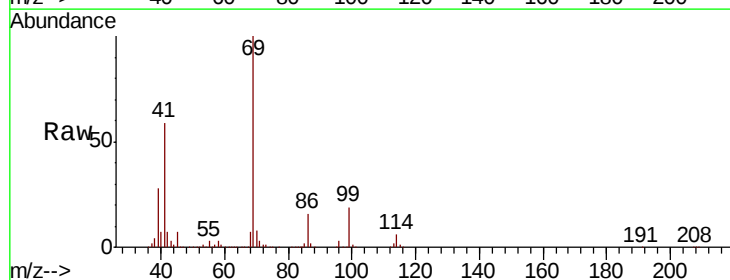


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

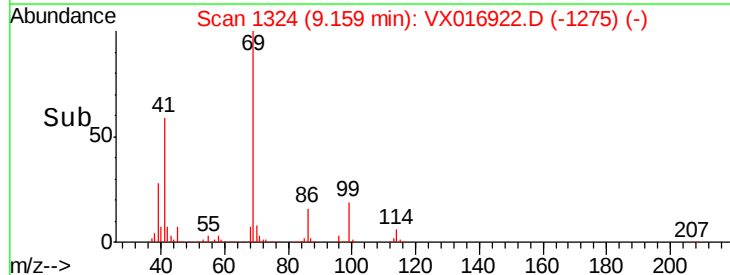
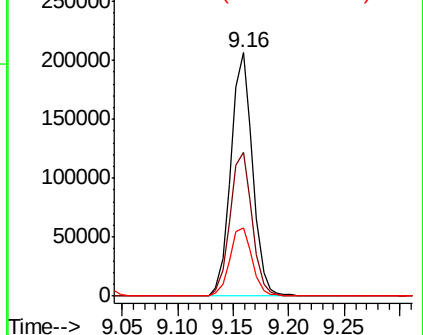


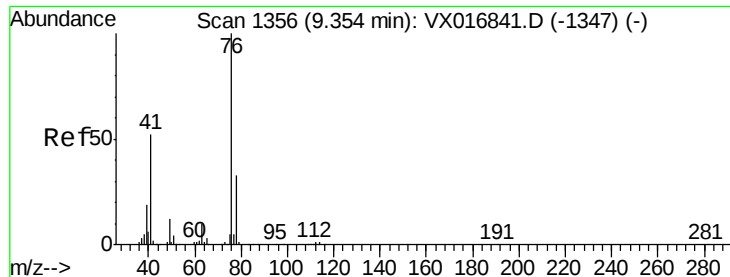
#56
 Ethyl methacrylate
 Concen: 44.994 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion:	69	Resp:	277834
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	29.1	24.2	36.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 41.454 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

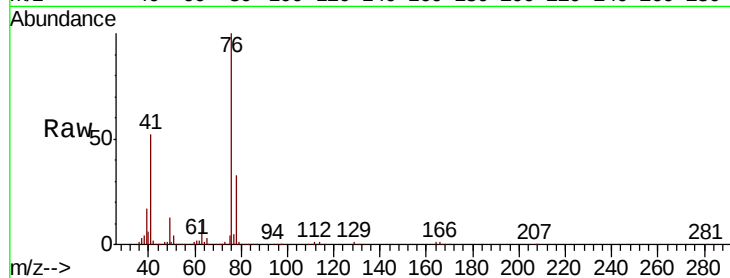
VSTDCCC050

Tot Ion: 76 Resp: 299753

Ion Ratio Lower Upper

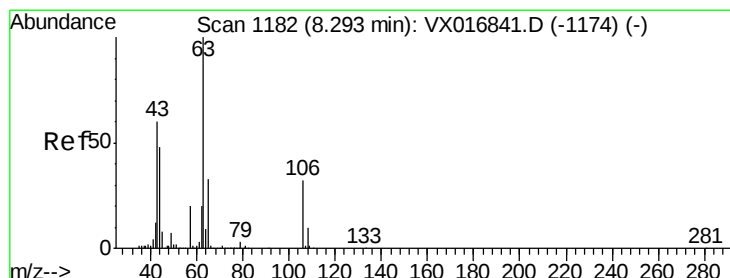
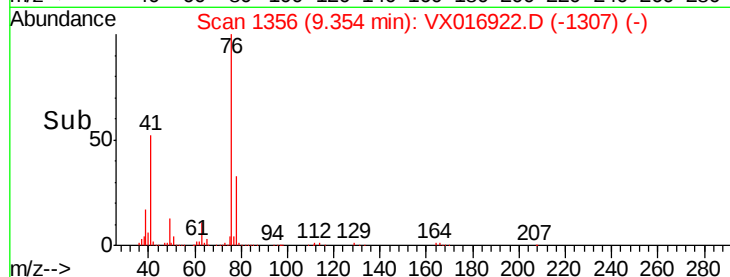
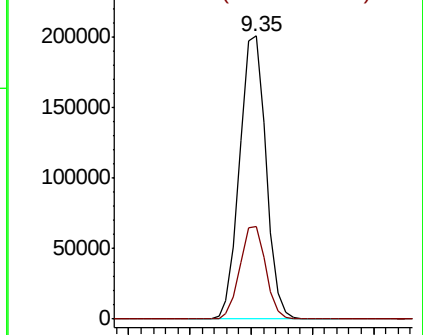
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 222.126 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016922.D

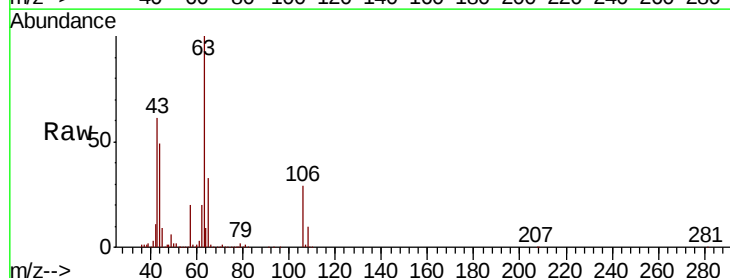
Acq: 22 Jun 2020 15:50

Tgt Ion: 63 Resp: 638212

Ion Ratio Lower Upper

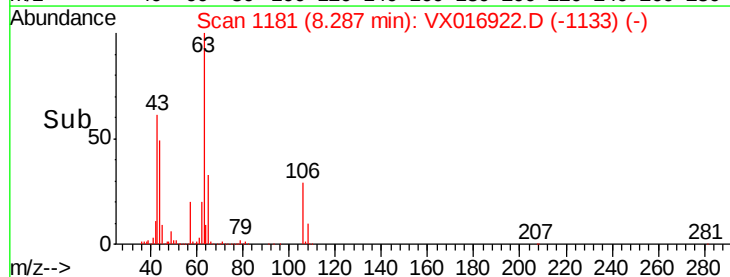
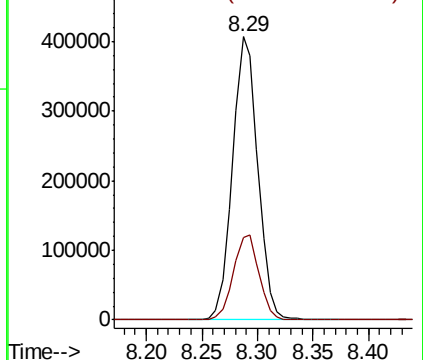
63 100

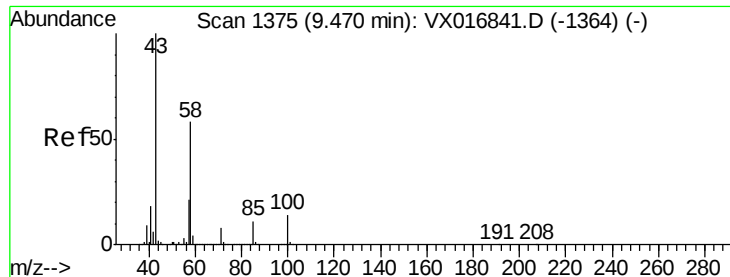
106 30.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

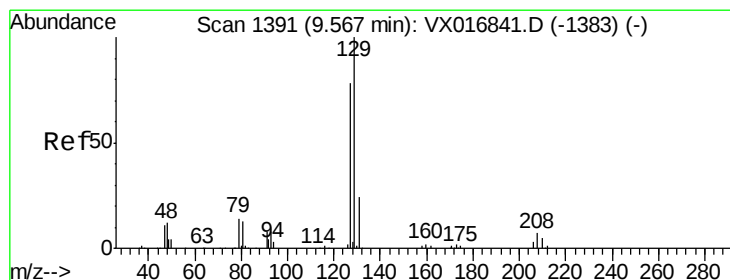
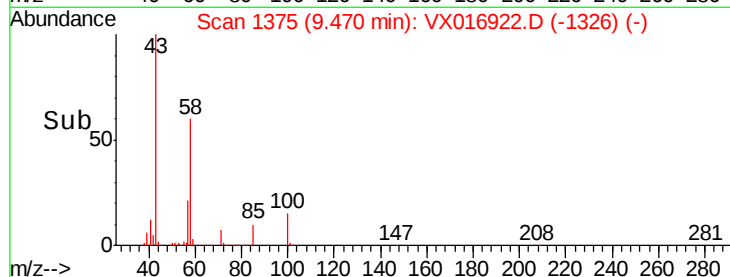
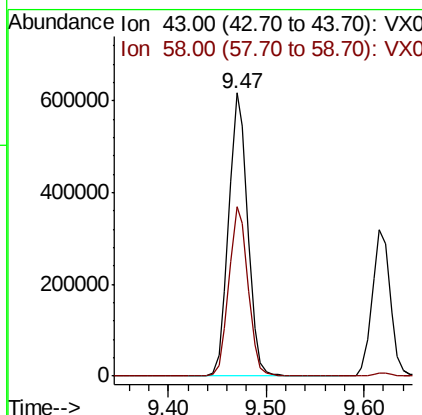
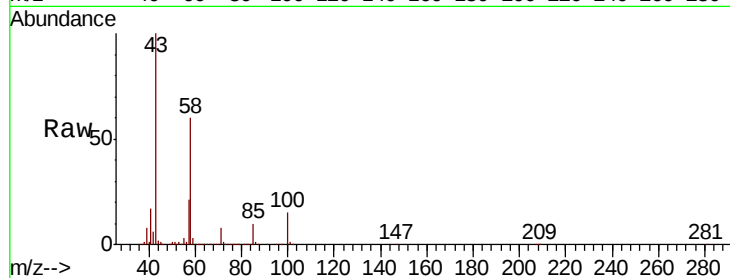




#59
2-Hexanone
Concen: 218.409 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

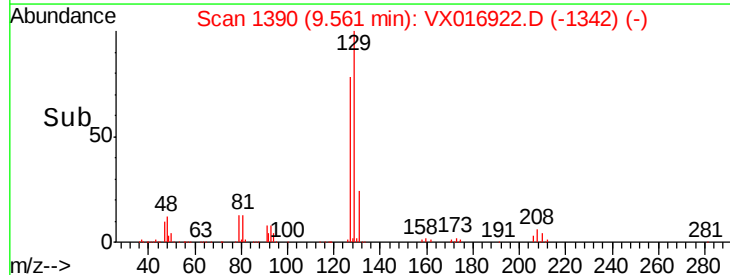
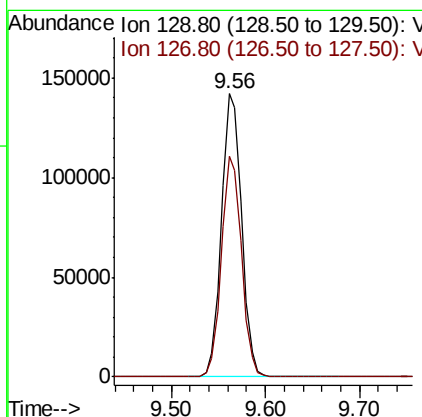
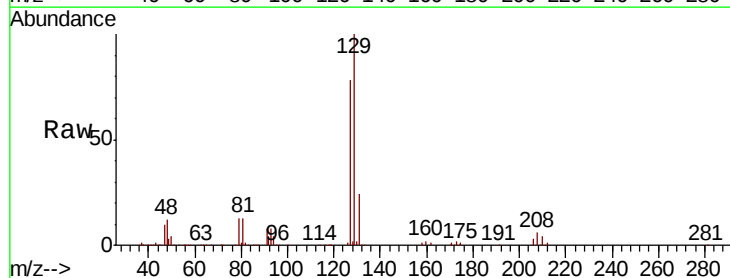
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 833045
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.4



#60
Dibromochloromethane
Concen: 40.970 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 129 Resp: 209637
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.149 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

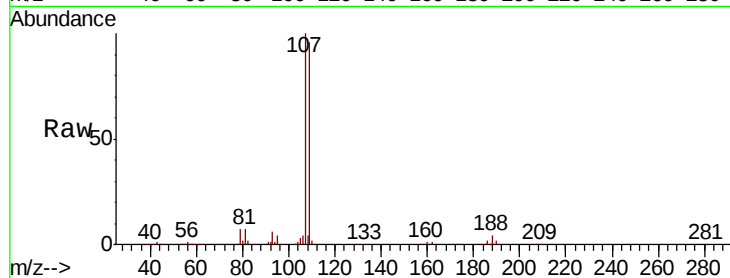
VSTDCCC050

Tot Ion:107 Resp: 222878

Ion Ratio Lower Upper

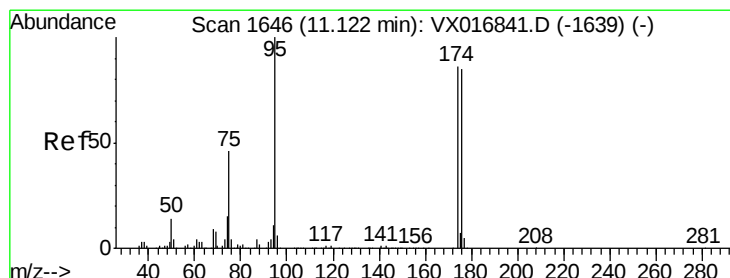
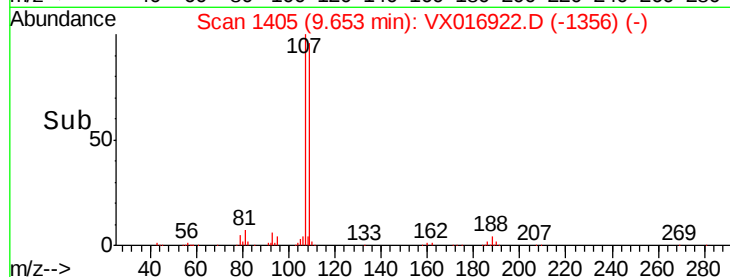
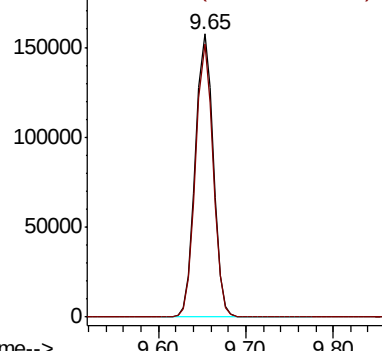
107 100

109 94.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.842 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

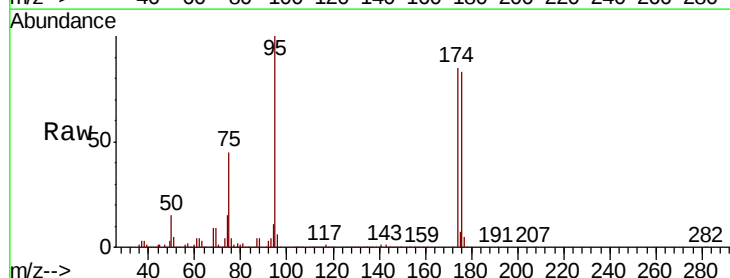
Tgt Ion: 95 Resp: 246171

Ion Ratio Lower Upper

95 100

174 83.5 0.0 174.2

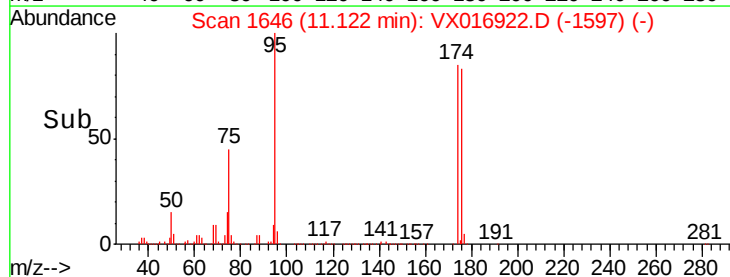
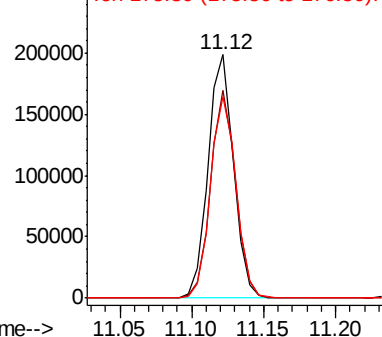
176 83.1 0.0 170.0

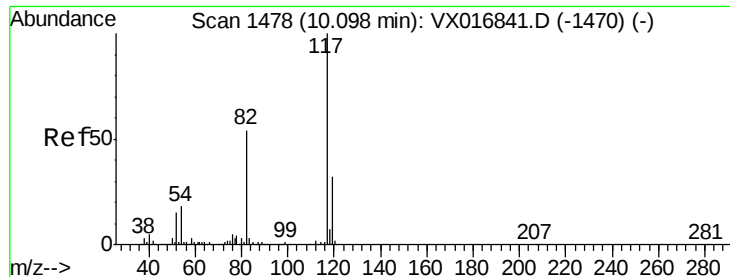


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

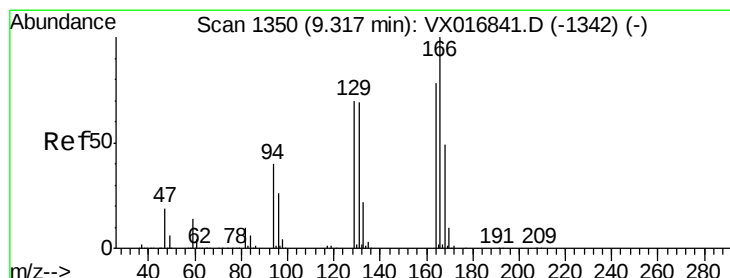
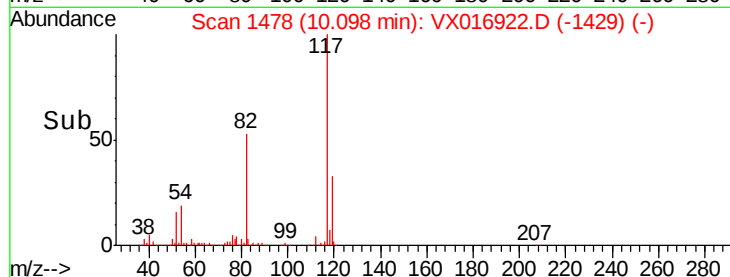
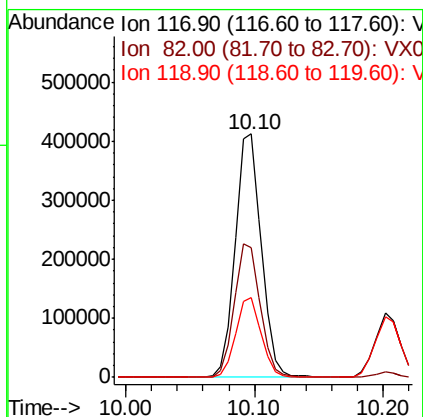
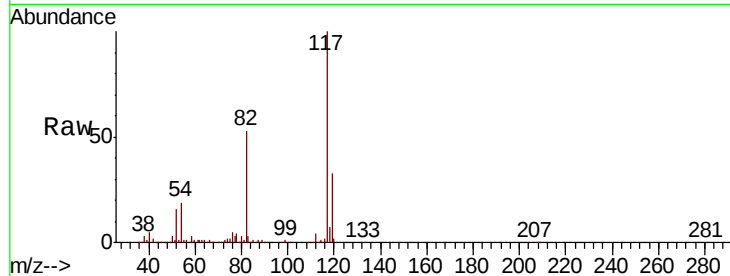




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

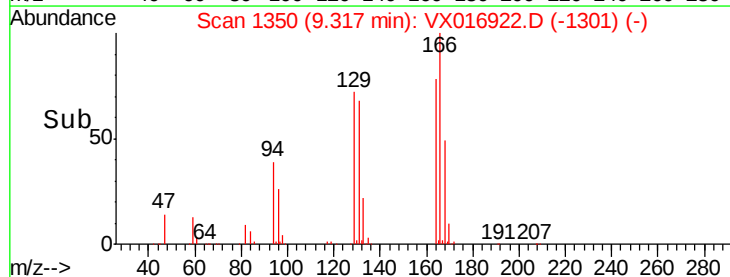
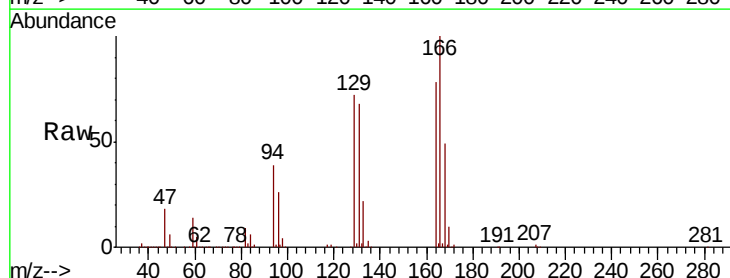
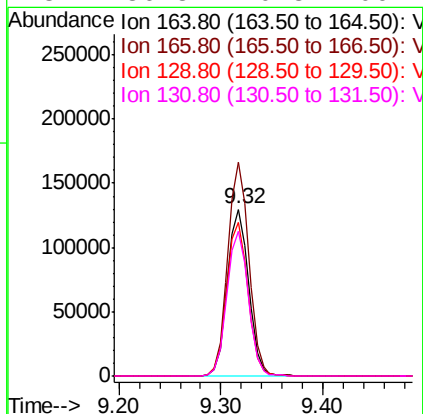
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

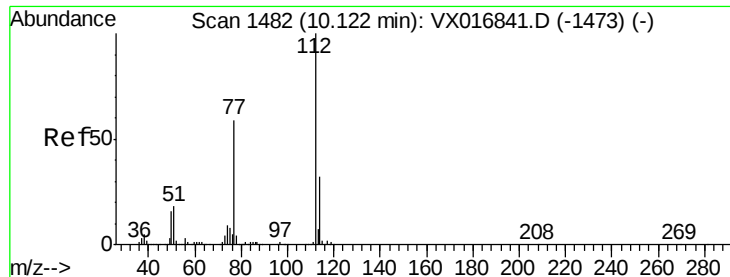
Tot Ion:117 Resp: 580002
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 34.874 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion:164 Resp: 187303
Ion Ratio Lower Upper
164 100
166 128.0 102.6 153.8
129 91.8 72.2 108.2
131 86.8 70.8 106.2

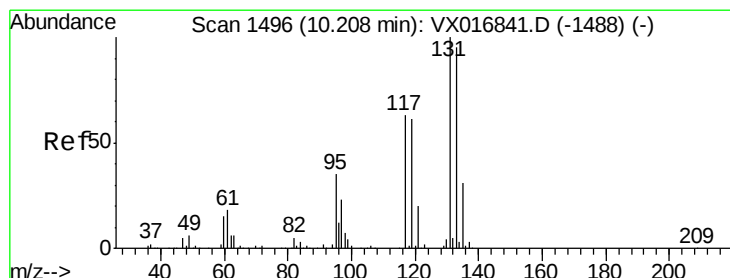
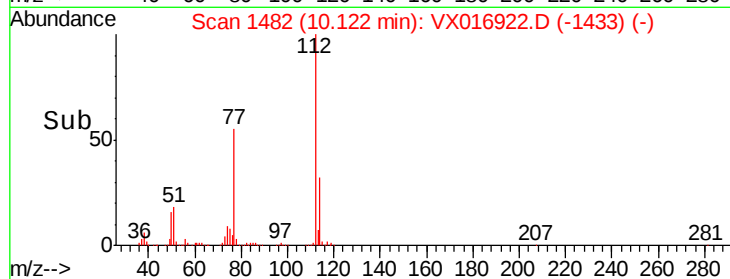
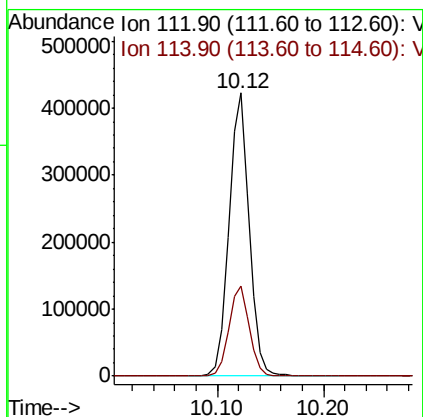
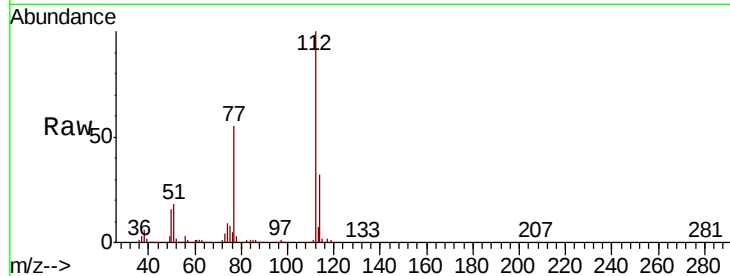




#65
Chlorobenzene
Concen: 47.701 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

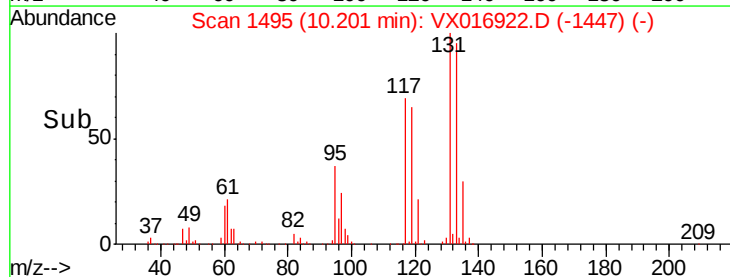
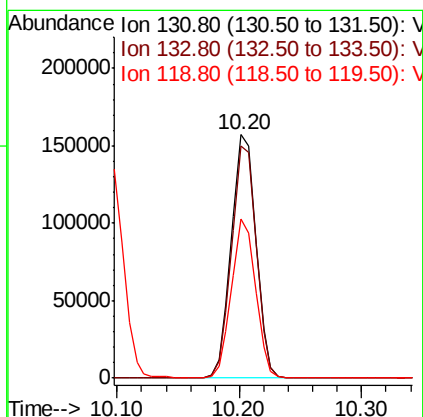
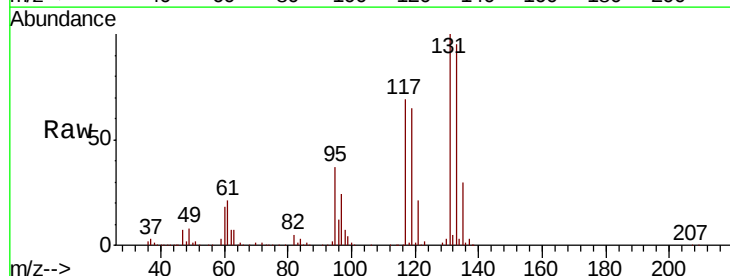
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

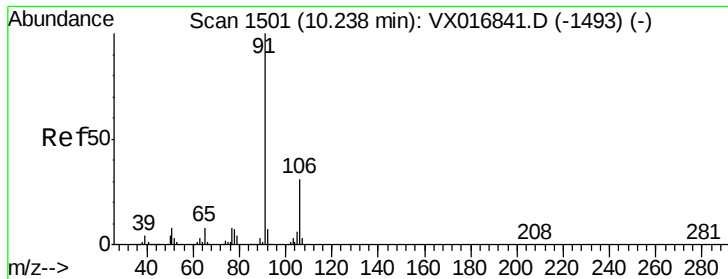
Tot Ion:112 Resp: 560247
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.145 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion:131 Resp: 219151
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 63.5 30.8 92.4

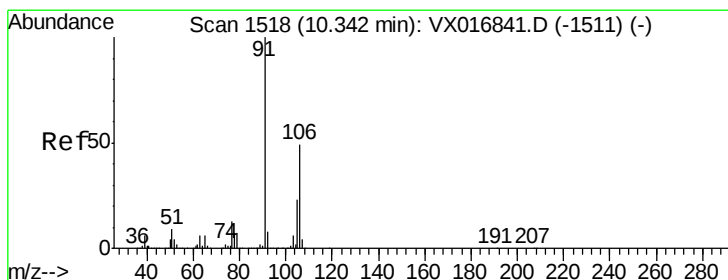
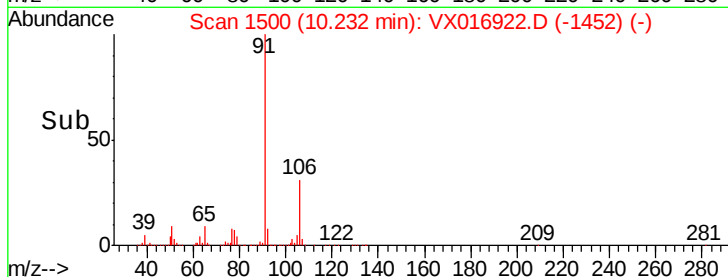
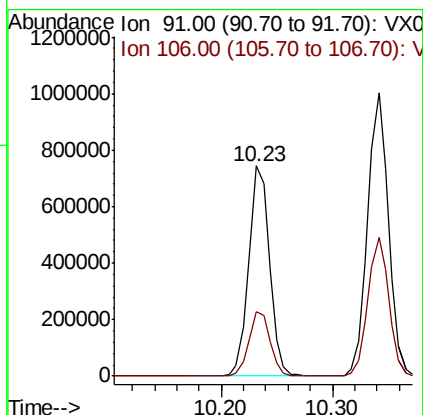
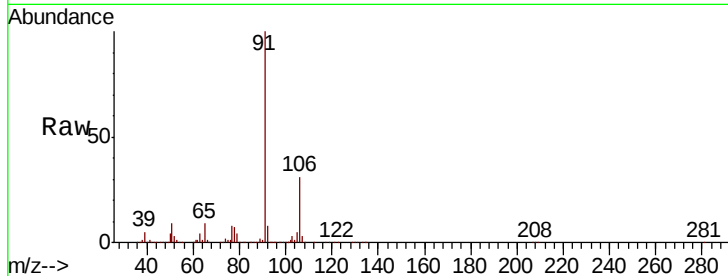




#67
Ethyl Benzene
Concen: 48.932 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

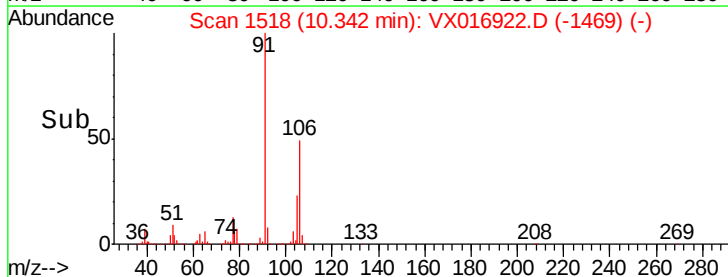
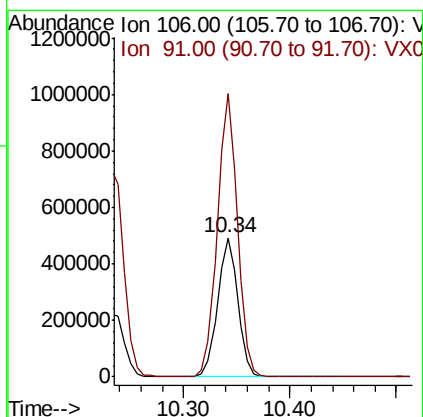
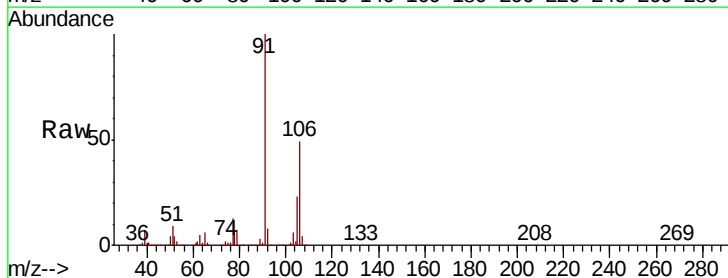
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

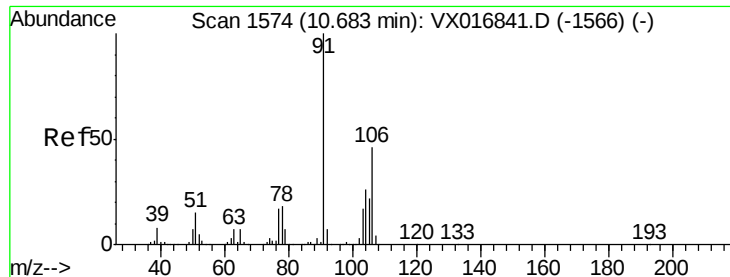
Tot Ion: 91 Resp: 969649
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7



#68
m/p-Xylenes
Concen: 84.101 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 106 Resp: 648526
Ion Ratio Lower Upper
106 100
91 202.0 161.5 242.3

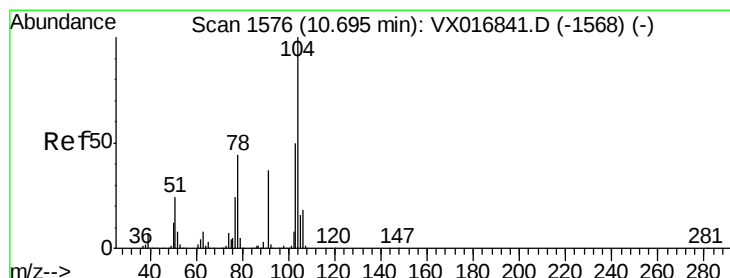
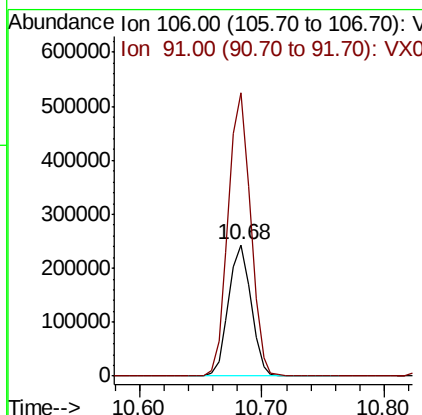
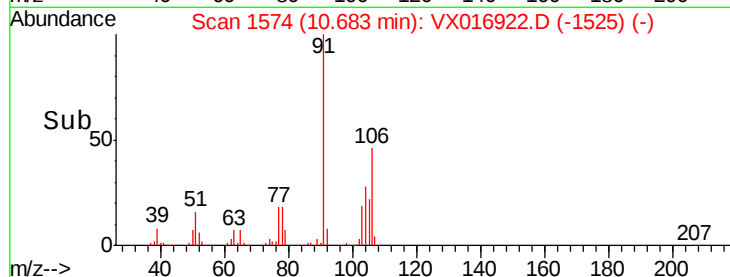
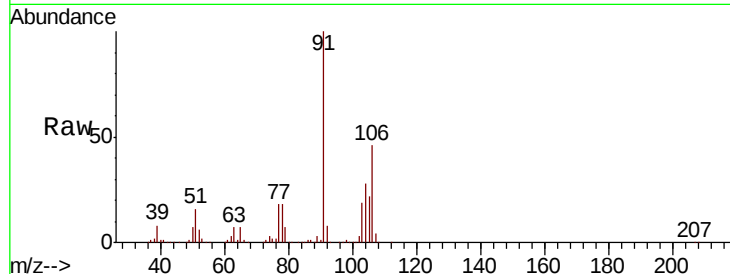




#69
o-Xylene
Concen: 43.618 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

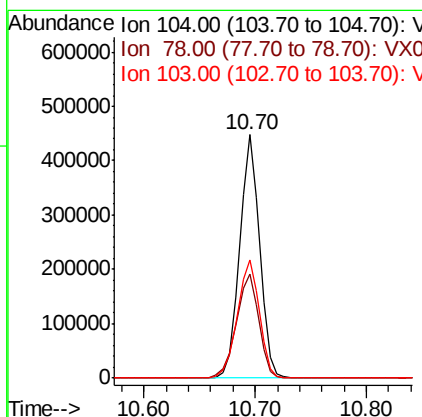
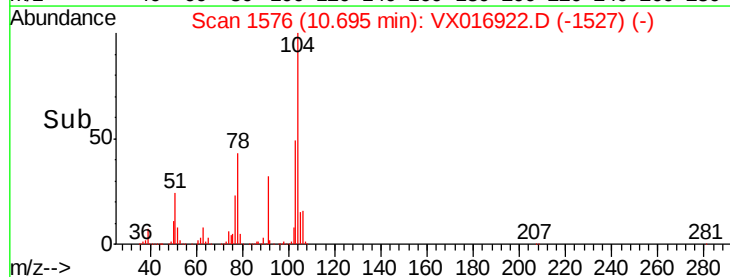
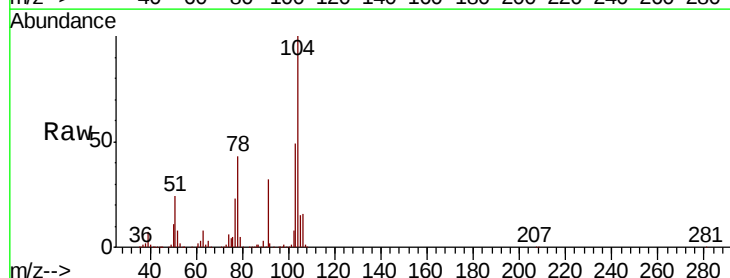
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

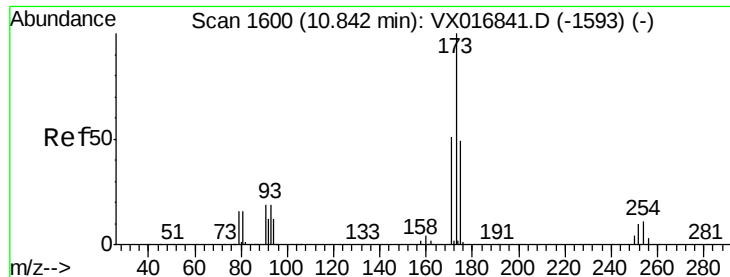
Tot Ion:106 Resp: 311010
Ion Ratio Lower Upper
106 100
91 214.3 107.9 323.7



#70
Styrene
Concen: 45.717 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion:104 Resp: 553857
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 53.9 43.3 64.9





#71

Bromoform

Concen: 42.505 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

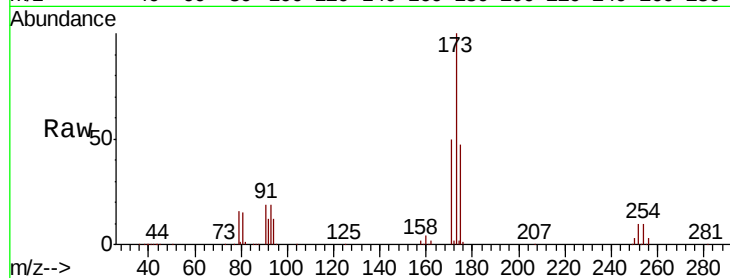
Tot Ion:173 Resp: 162668

Ion Ratio Lower Upper

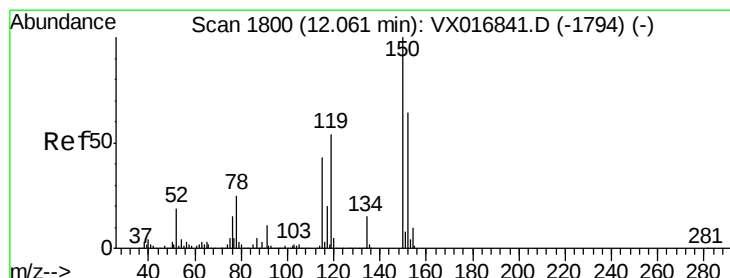
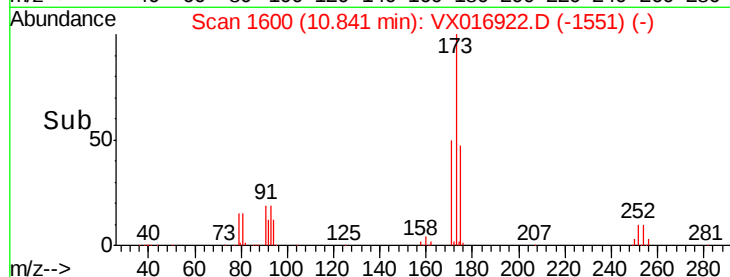
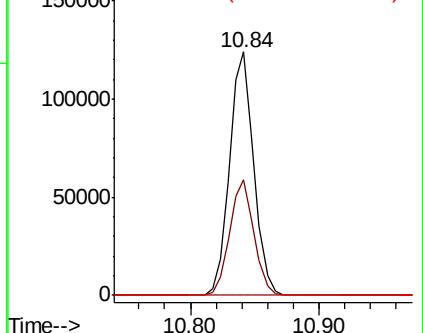
173 100

175 47.6 24.3 73.0

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

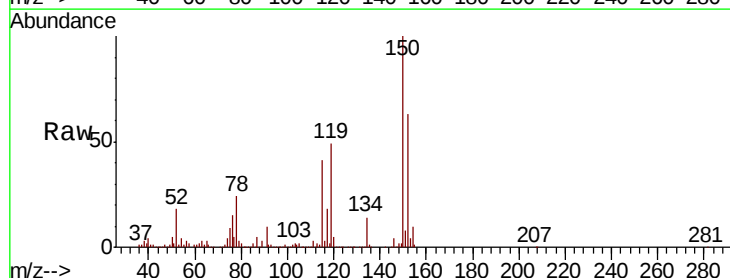
Tgt Ion:152 Resp: 256270

Ion Ratio Lower Upper

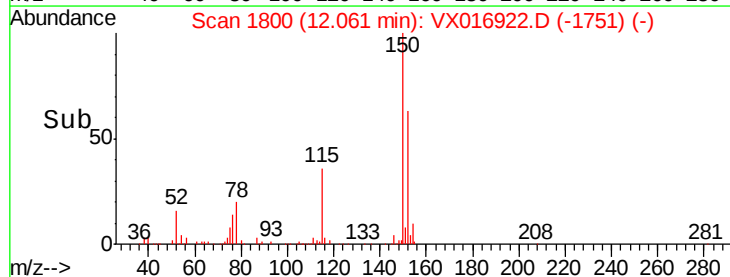
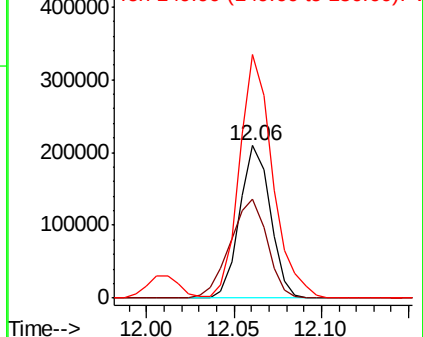
152 100

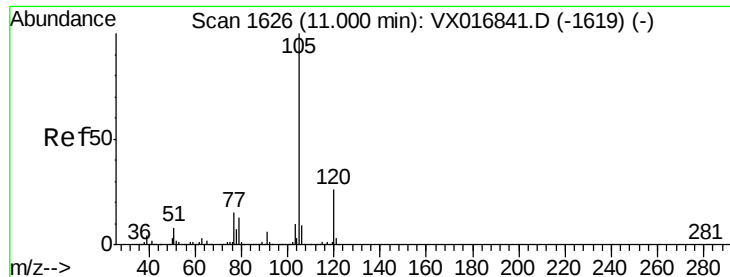
115 78.3 40.9 122.8

150 172.7 0.0 344.2



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: 50.942 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

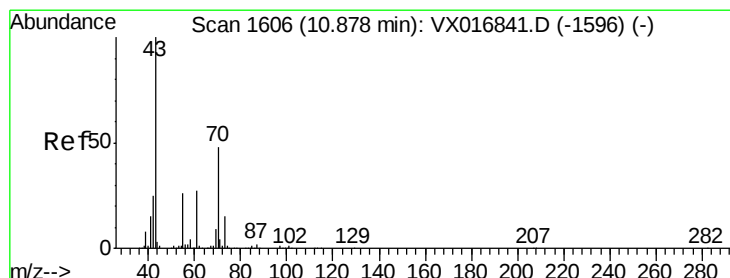
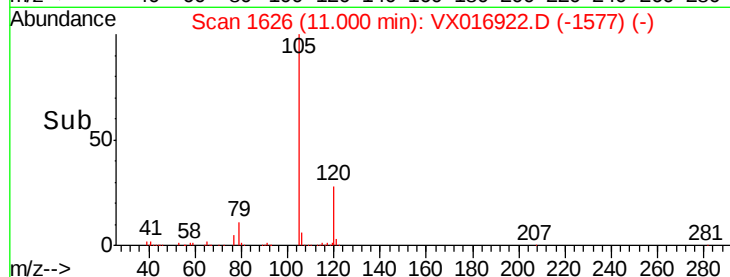
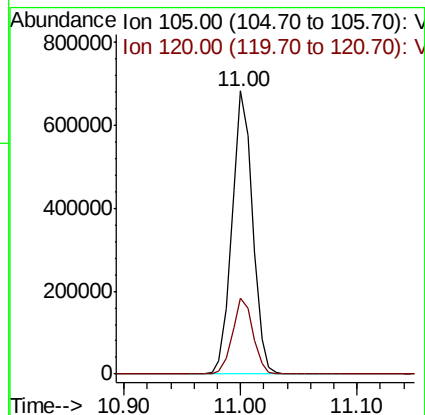
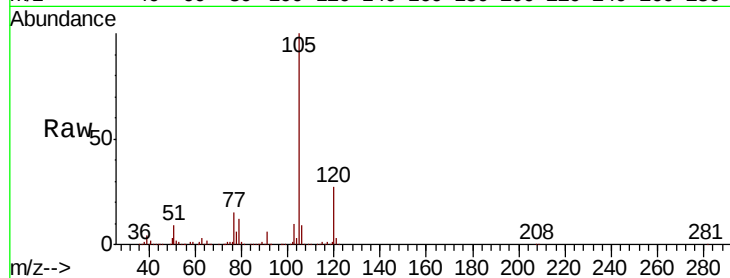
VSTDCCC050

Tot Ion:105 Resp: 840538

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 59.462 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion: 43 Resp: 342599

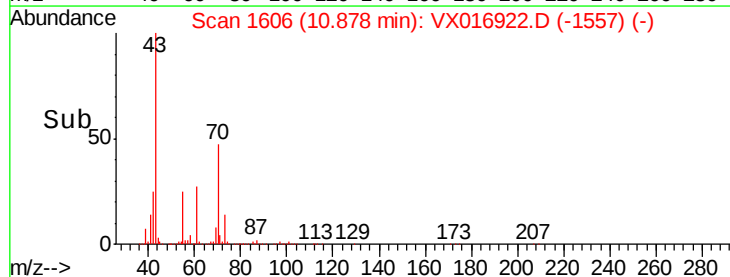
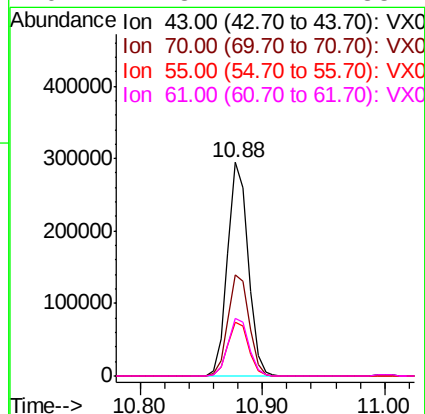
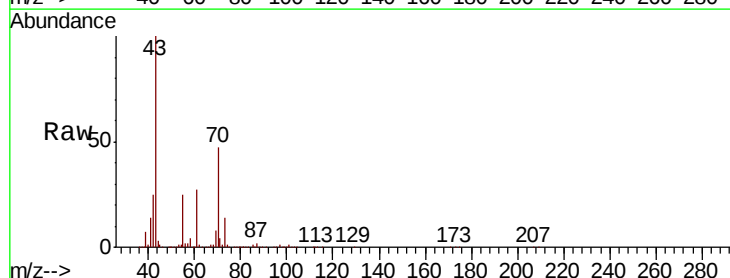
Ion Ratio Lower Upper

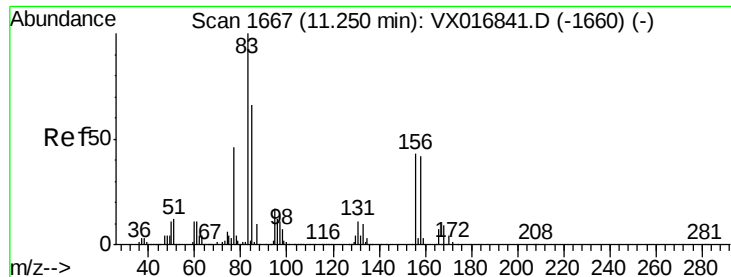
43 100

70 48.4 39.9 59.9

55 25.5 21.8 32.6

61 27.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.144 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

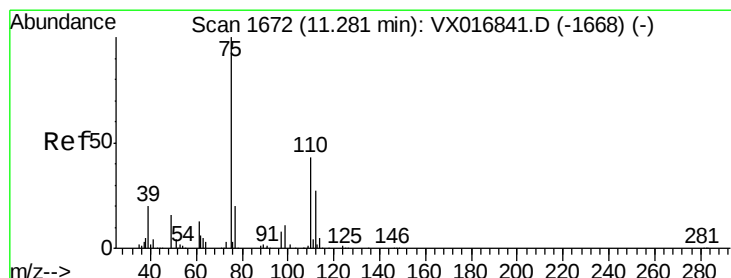
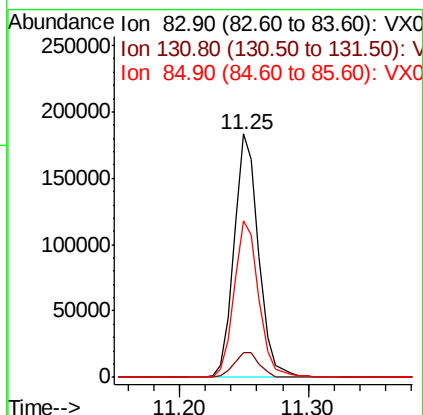
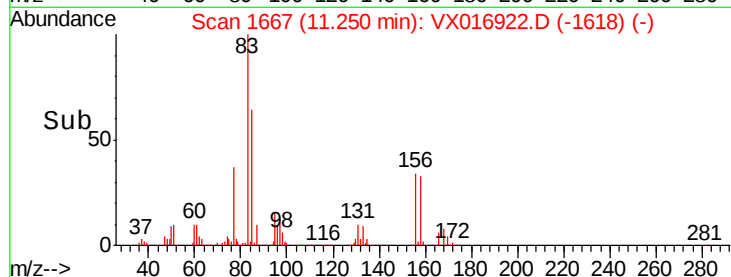
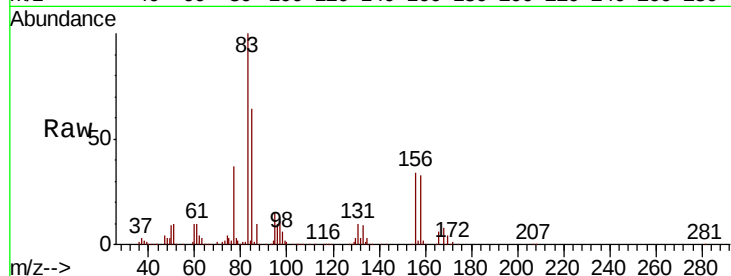
Tot Ion: 83 Resp: 242943

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

85 65.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 65.963 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016922.D

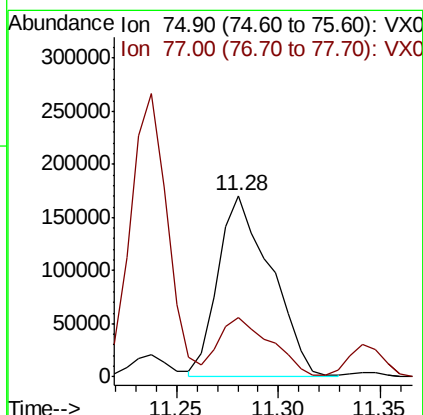
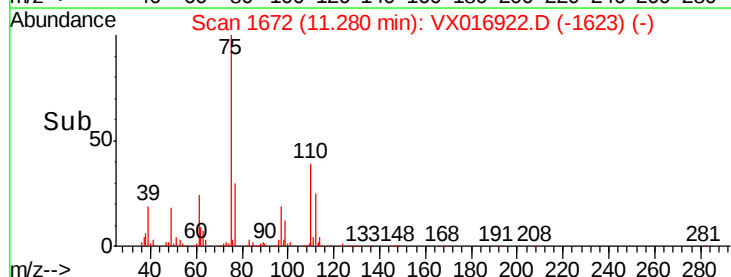
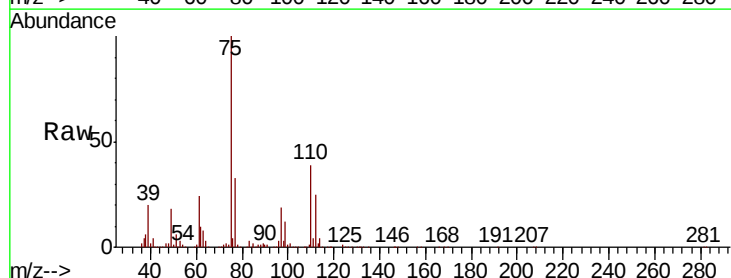
Acq: 22 Jun 2020 15:50

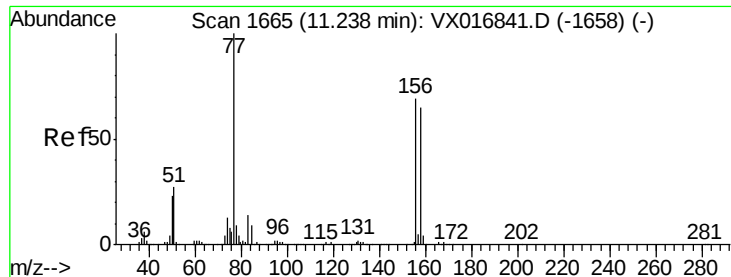
Tgt Ion: 75 Resp: 308728

Ion Ratio Lower Upper

75 100

77 32.1 20.5 61.5





#77

Bromobenzene

Concen: 49.827 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

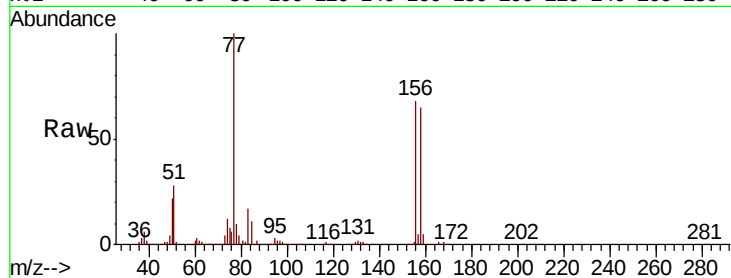
Tot Ion:156 Resp: 224220

Ion Ratio Lower Upper

156 100

77 150.0 73.4 220.2

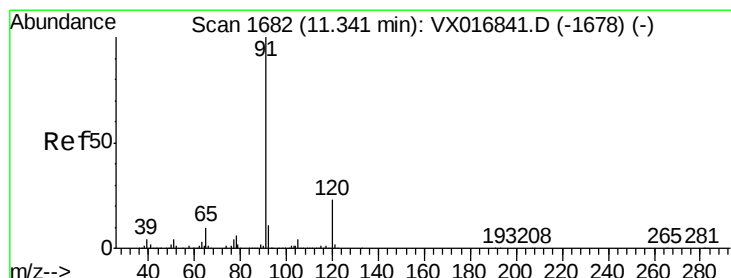
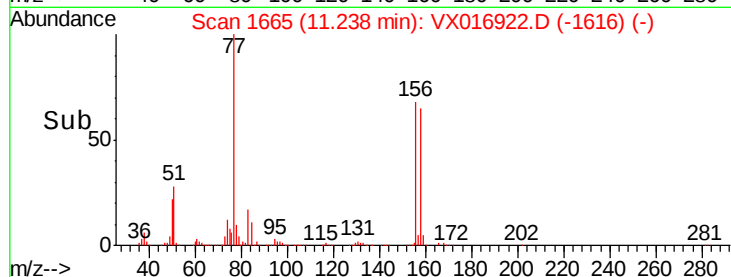
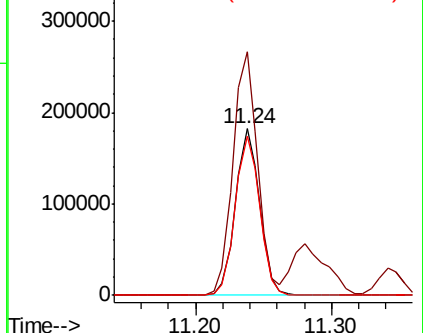
158 97.2 48.8 146.3



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: 52.101 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016922.D

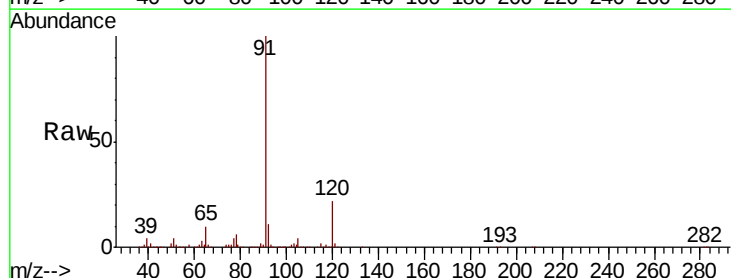
Acq: 22 Jun 2020 15:50

Tgt Ion: 91 Resp: 959405

Ion Ratio Lower Upper

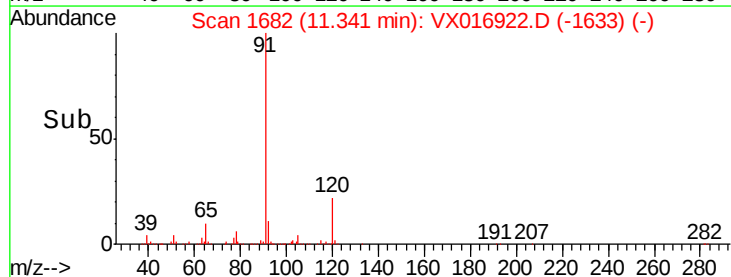
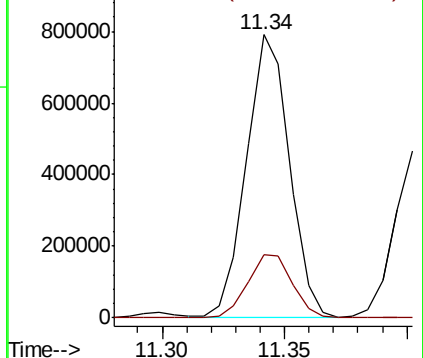
91 100

120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.958 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

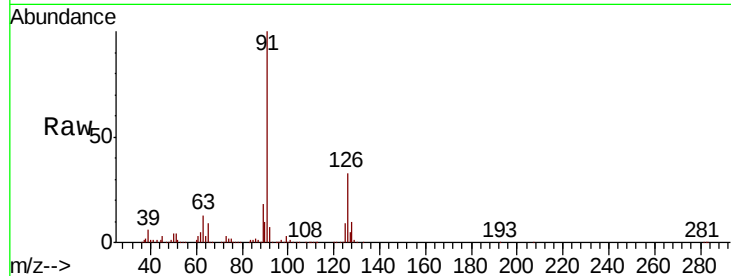
VSTDCCC050

Tot Ion: 91 Resp: 574132

Ion Ratio Lower Upper

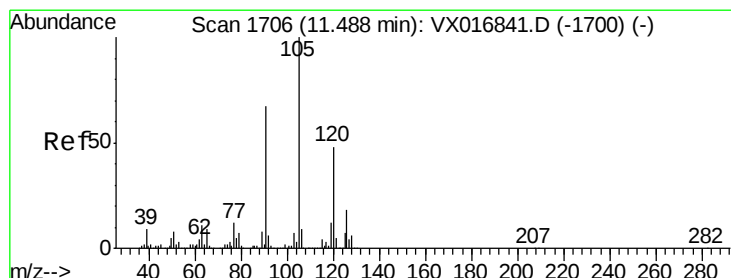
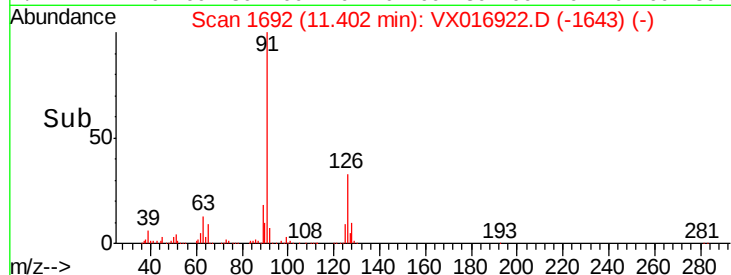
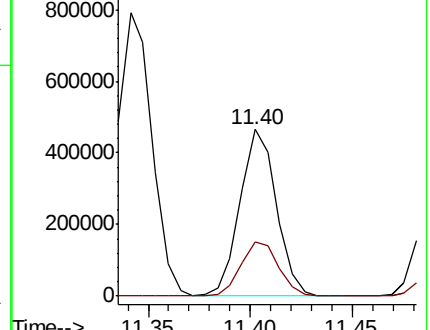
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.548 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016922.D

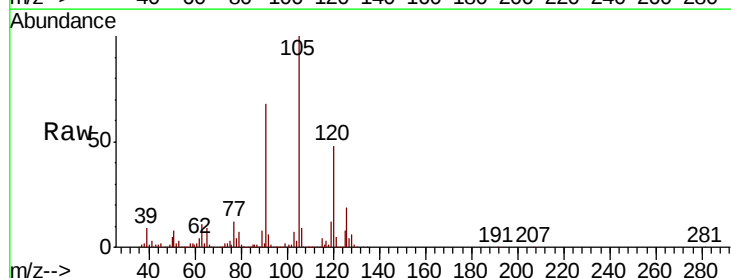
Acq: 22 Jun 2020 15:50

Tgt Ion: 105 Resp: 719615

Ion Ratio Lower Upper

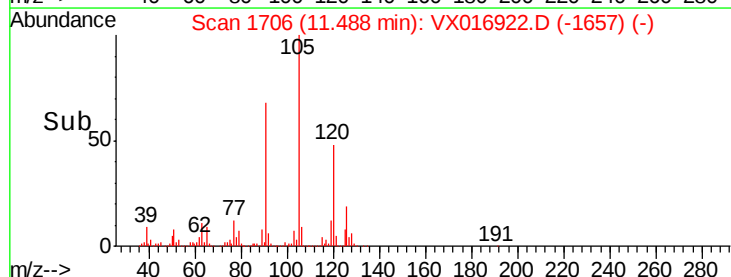
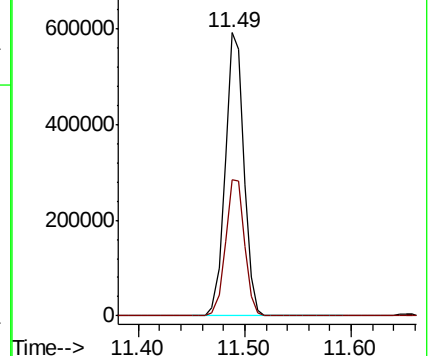
105 100

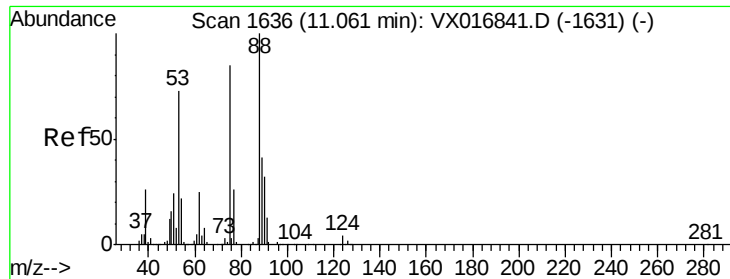
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.224 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

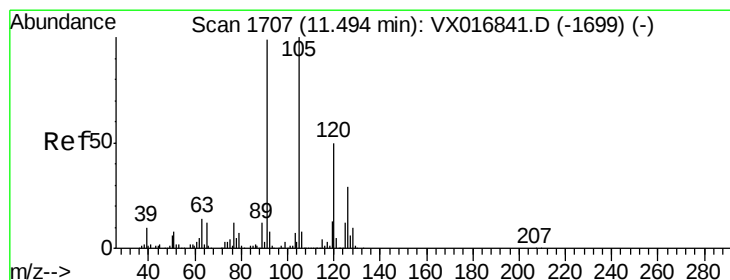
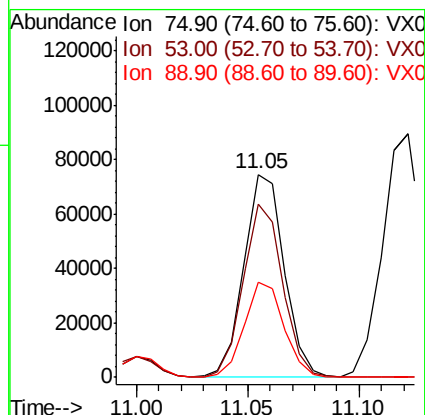
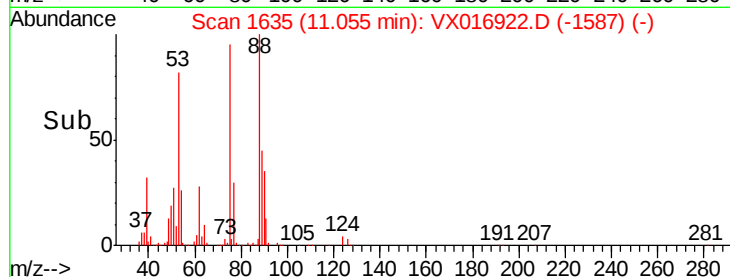
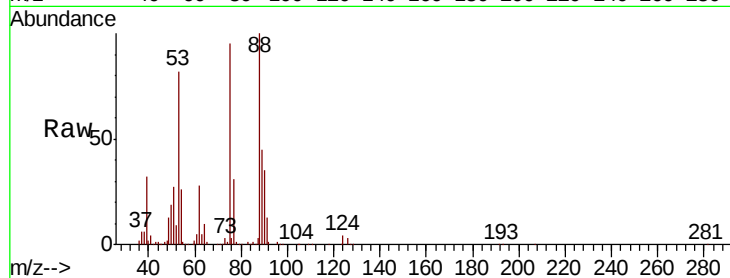
Tot Ion: 75 Resp: 94079

Ion Ratio Lower Upper

75 100

53 83.8 69.8 104.8

89 46.2 38.3 57.5



#82

4-Chlorotoluene

Concen: 49.749 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016922.D

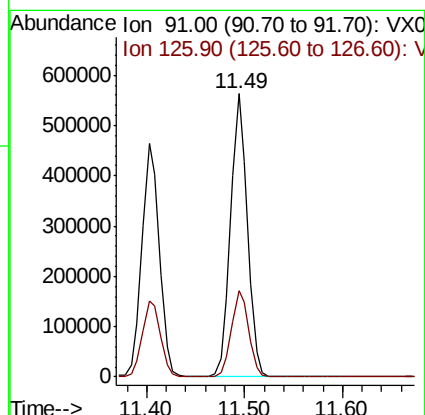
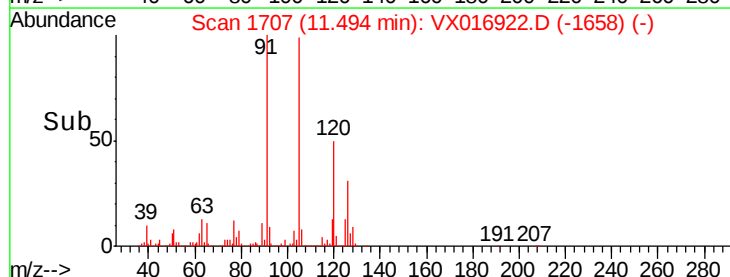
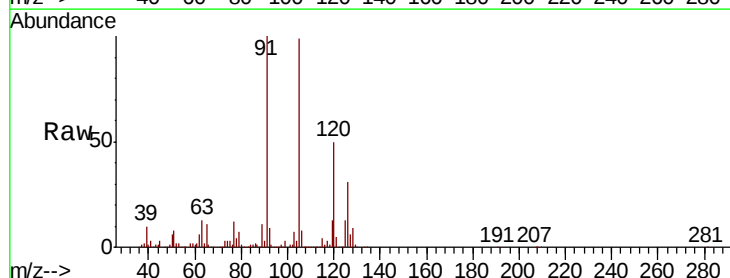
Acq: 22 Jun 2020 15:50

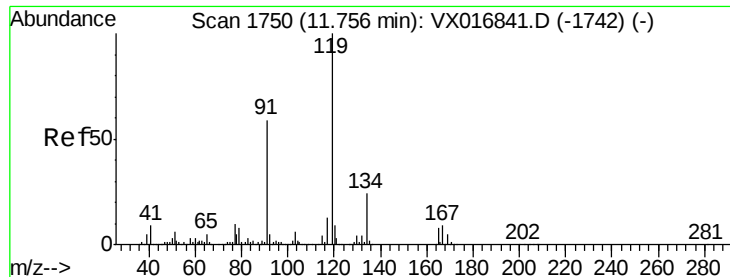
Tgt Ion: 91 Resp: 672438

Ion Ratio Lower Upper

91 100

126 30.9 15.0 45.0

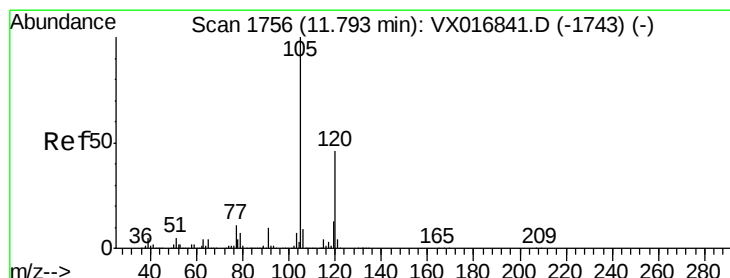
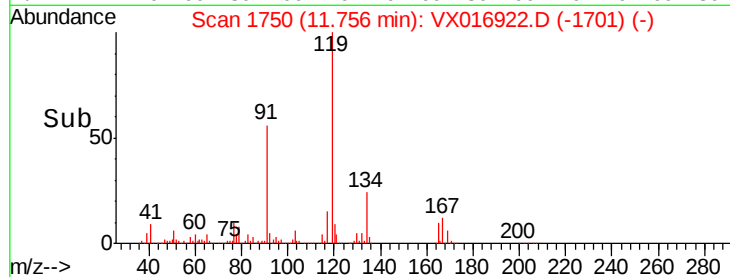
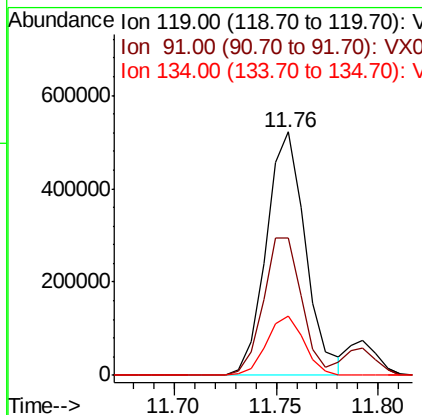
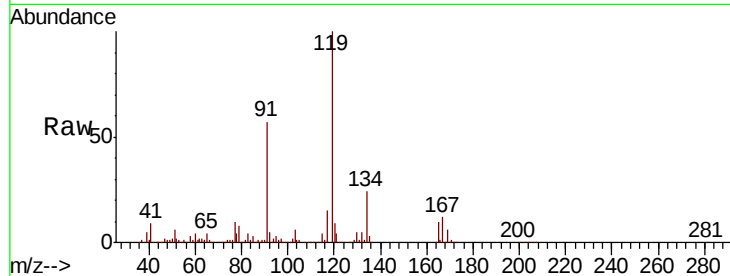




#83
 tert-Butylbenzene
 Concen: 49.530 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

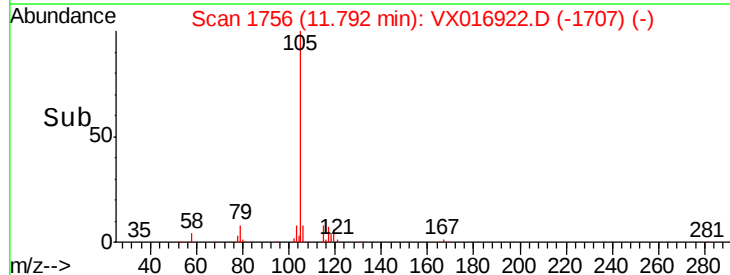
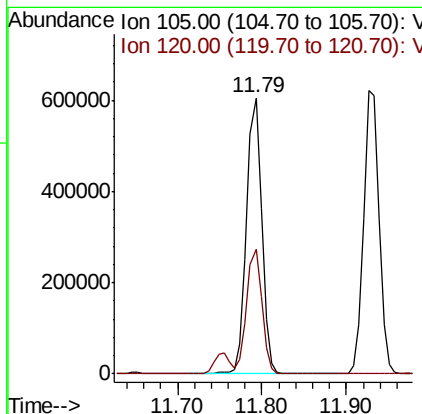
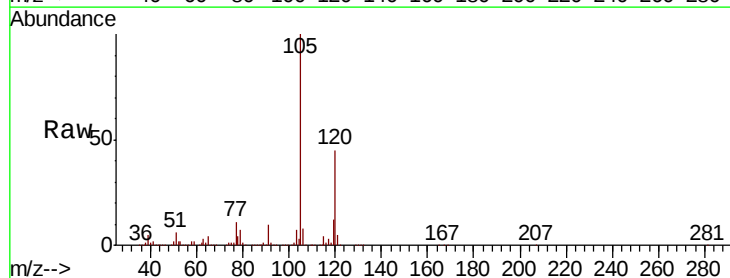
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

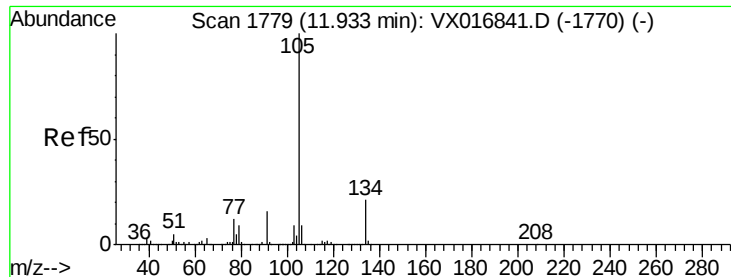
Tot Ion:119 Resp: 697659
 Ion Ratio Lower Upper
 119 100
 91 55.4 28.5 85.5
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.471 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion:105 Resp: 725485
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.537 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

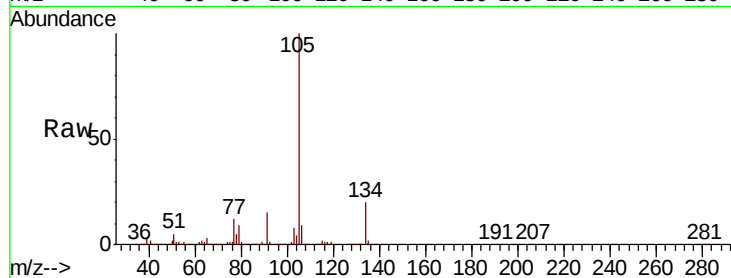
VSTDCCC050

Tot Ion:105 Resp: 794008

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

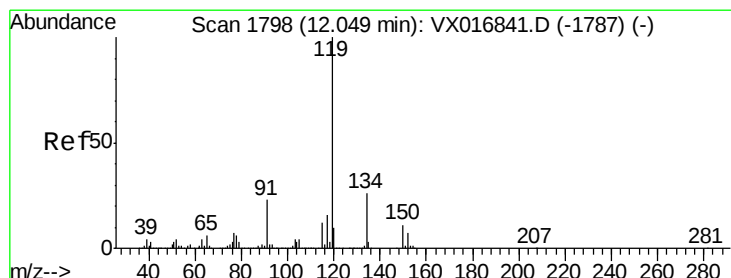
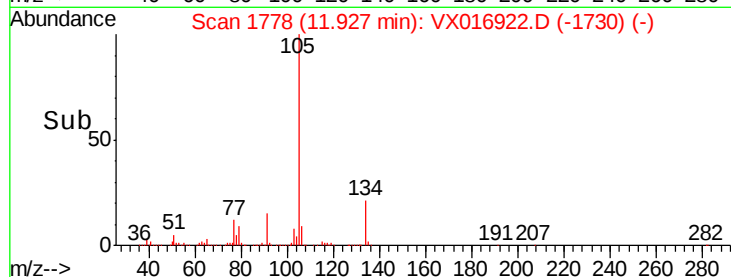
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 50.423 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

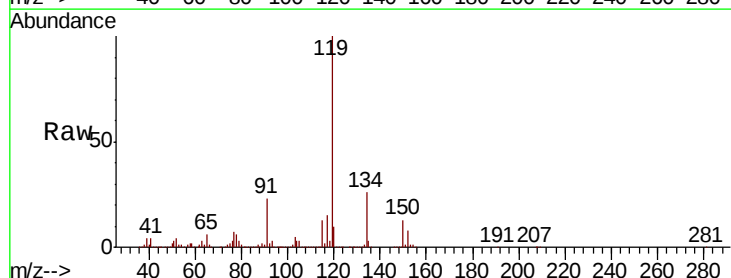
Tgt Ion:119 Resp: 755773

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 22.6 11.6 34.8



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

12.05

800000

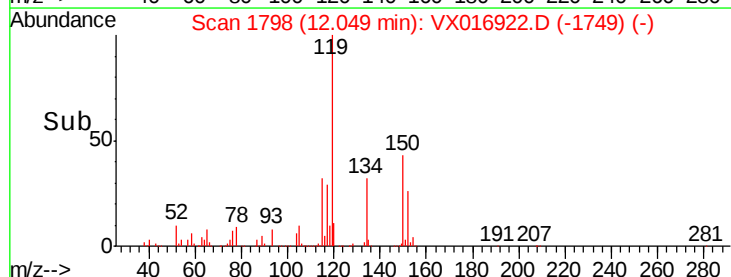
600000

400000

200000

0

Time--> 11.90 12.00 12.10

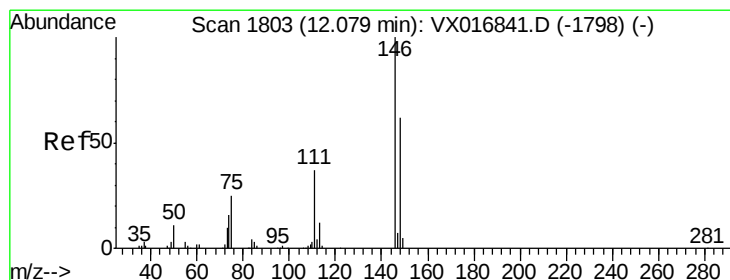
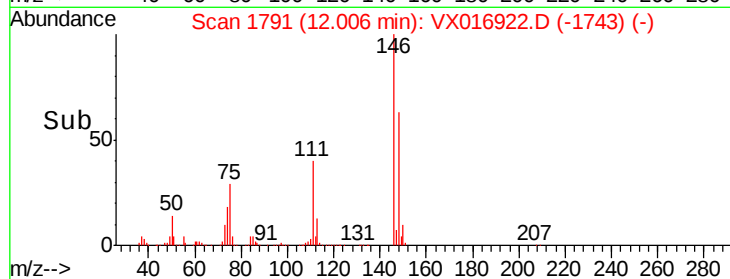
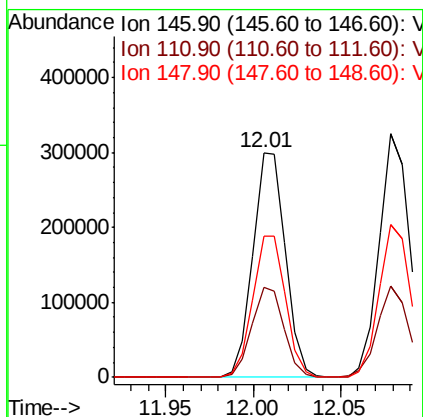
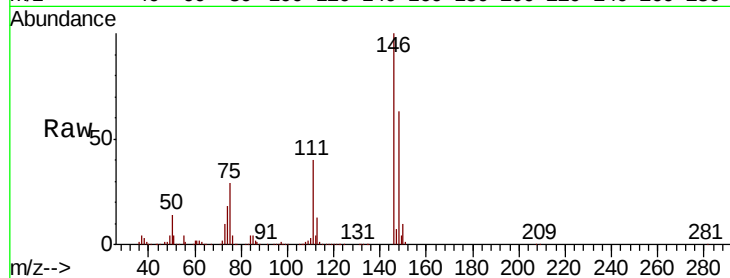




#87
 1,3-Dichlorobenzene
 Concen: 47.613 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

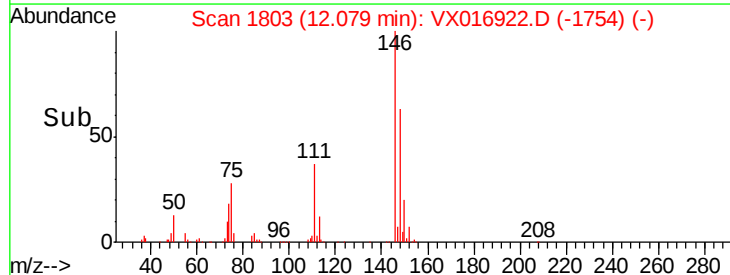
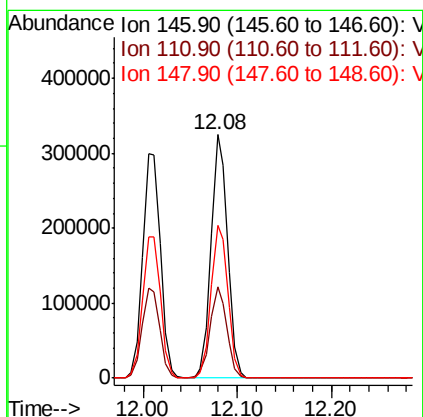
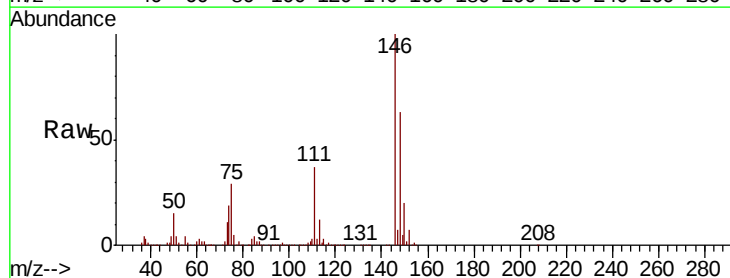
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

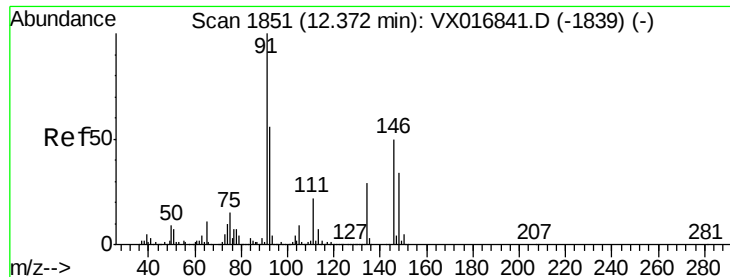
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	63.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.361 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.6	95.0

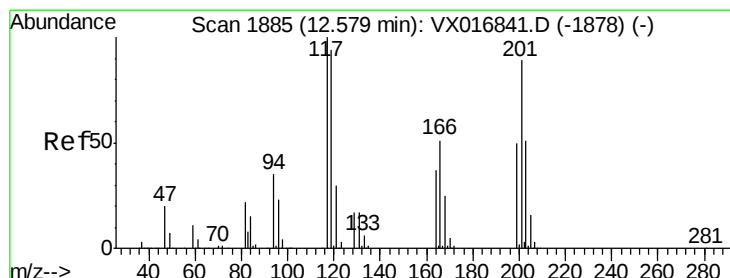
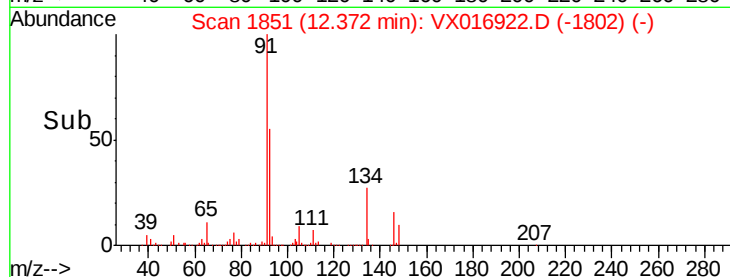
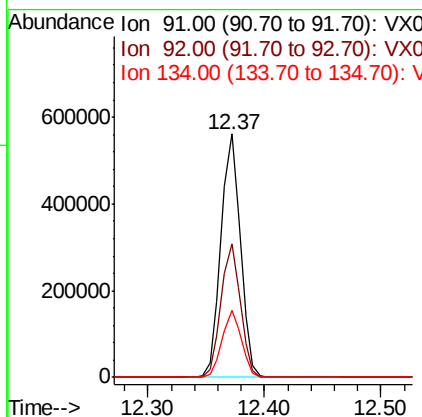
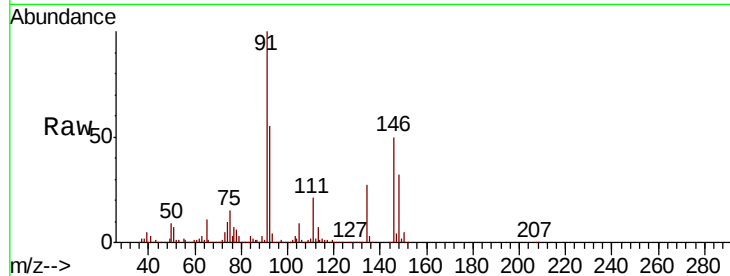




#89
n-Butylbenzene
Concen: 50.420 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

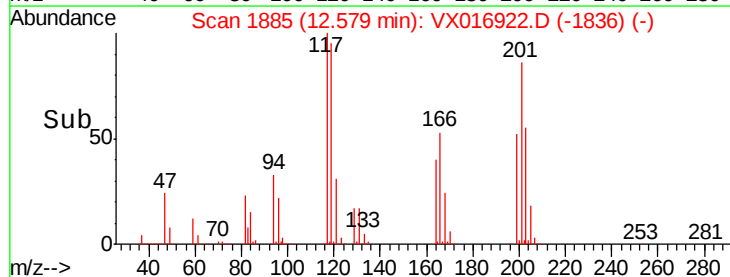
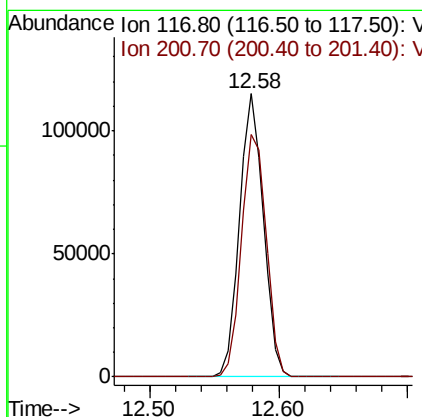
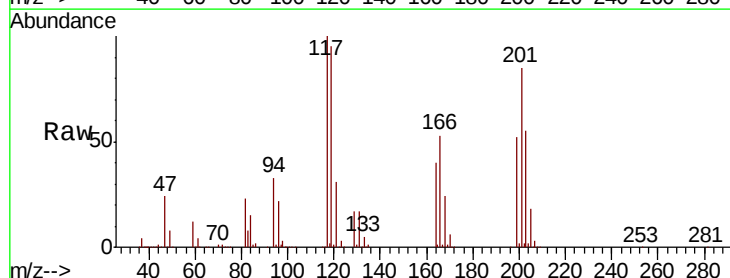
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

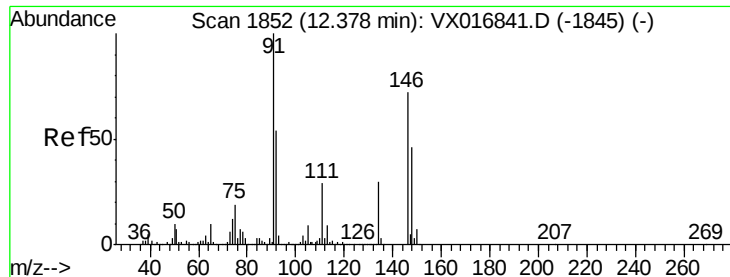
Tot Ion: 91 Resp: 648053
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.1 13.9 41.6



#90
Hexachloroethane
Concen: 54.662 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 117 Resp: 147586
Ion Ratio Lower Upper
117 100
201 88.3 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 46.999 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

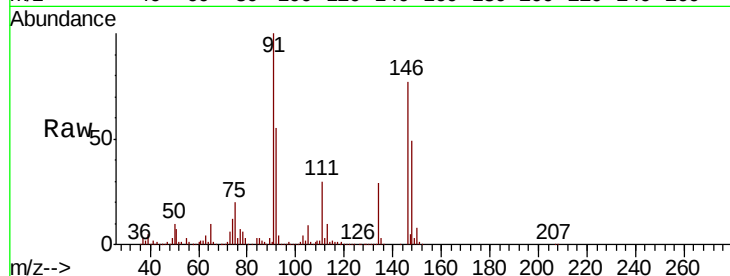
Tot Ion:146 Resp: 373012

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.7

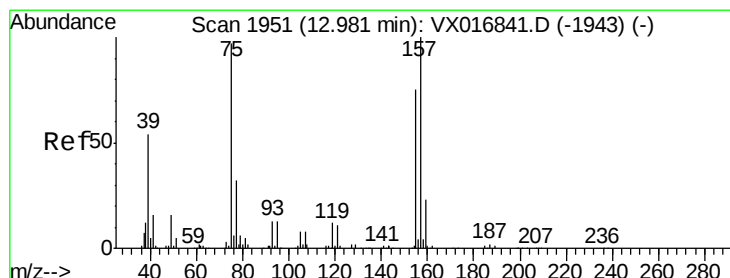
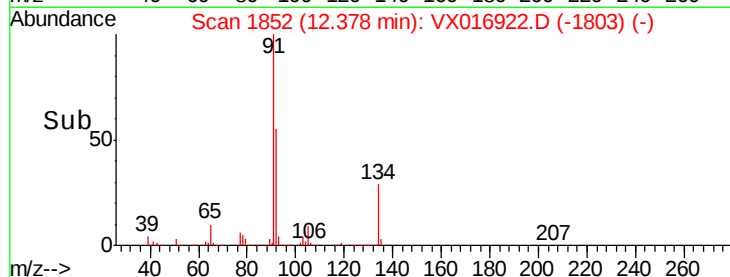
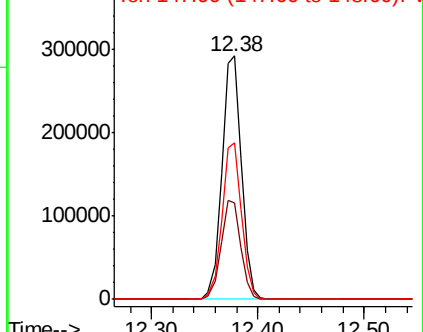
148 64.2 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.096 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

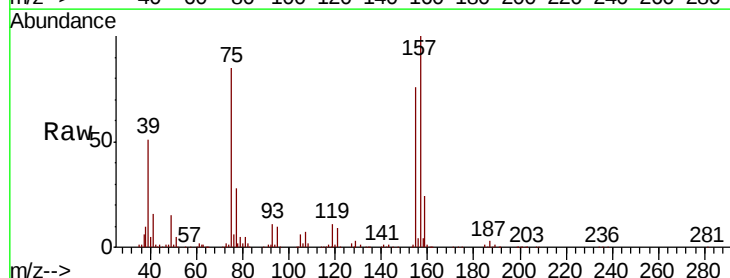
Tgt Ion: 75 Resp: 63075

Ion Ratio Lower Upper

75 100

155 92.2 46.4 139.1

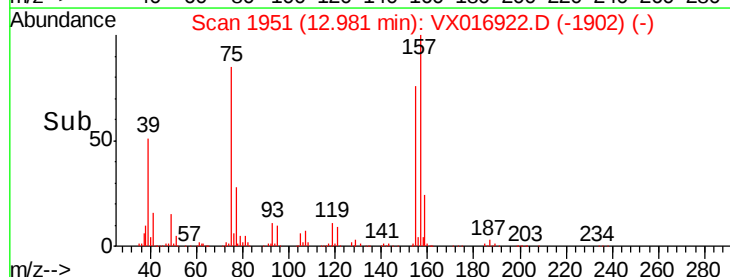
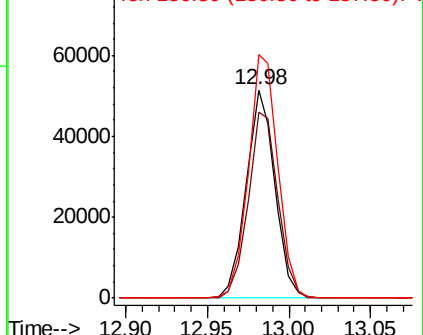
157 120.3 58.6 175.8

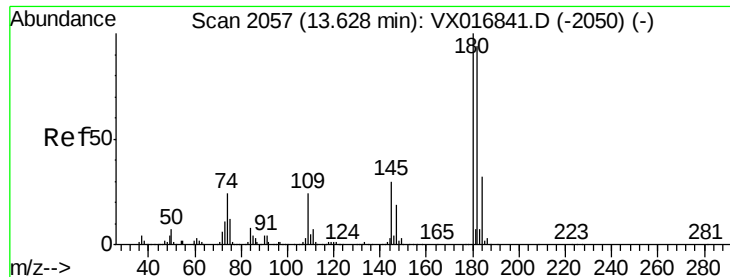


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

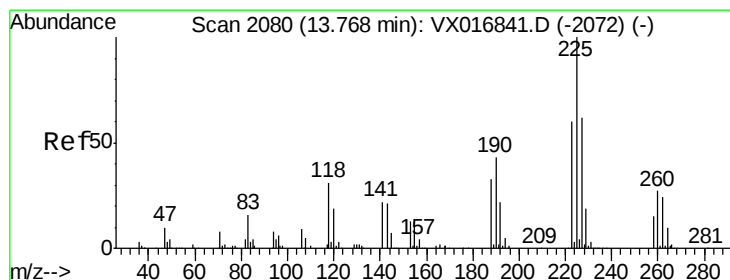
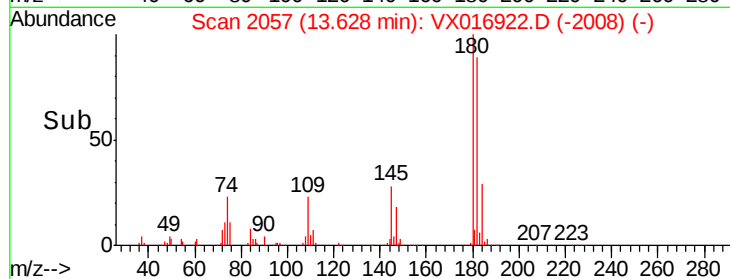
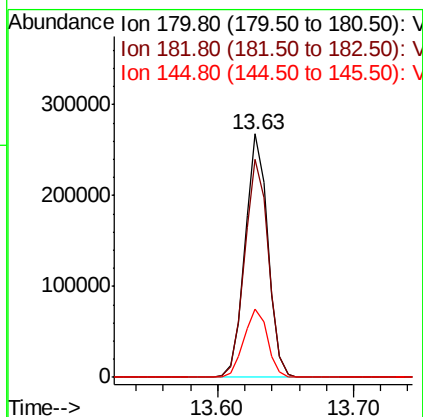
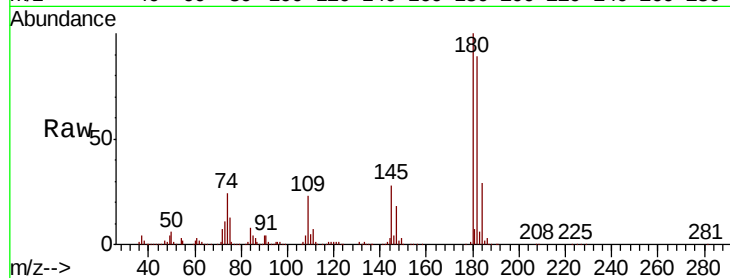




#93
 1,2,4-Trichlorobenzene
 Concen: 58.615 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

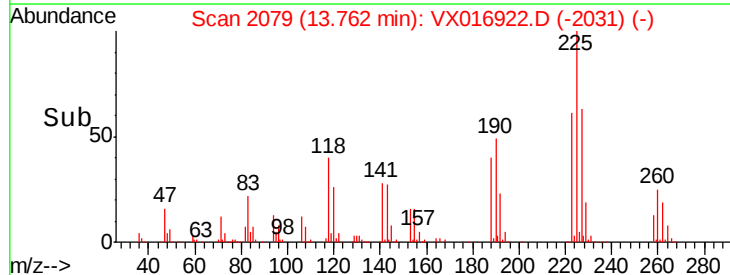
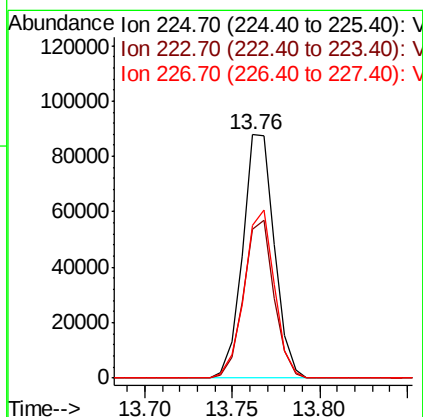
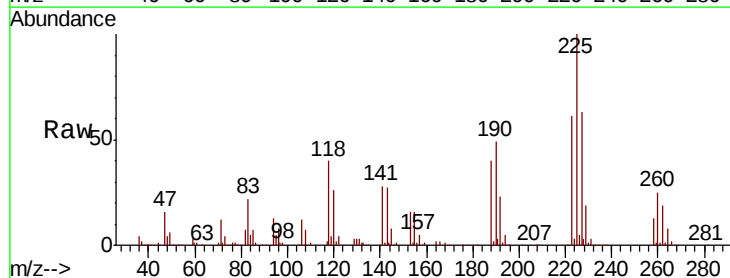
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

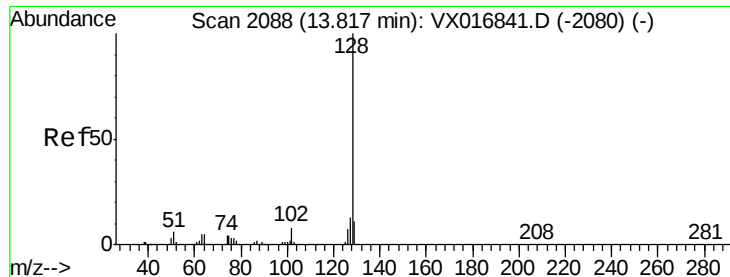
Tot Ion:180 Resp: 312387
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.7 143.1
 145 29.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 45.902 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion:225 Resp: 110389
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.5
 227 65.8 32.3 96.8





#95

Naphthalene

Concen: 60.591 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

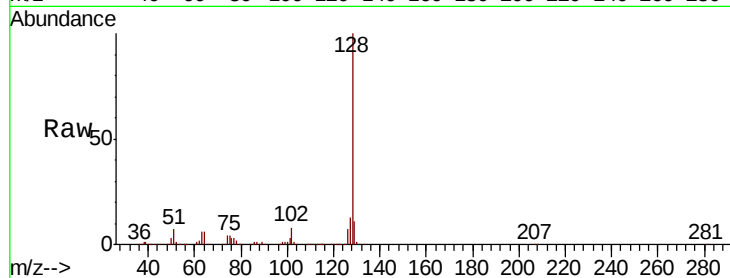
Tot Ion:128 Resp: 948032

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.6 13.0

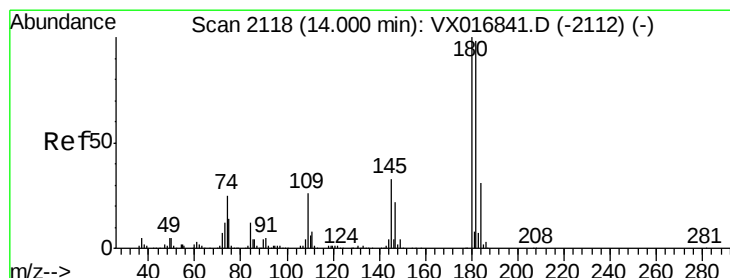
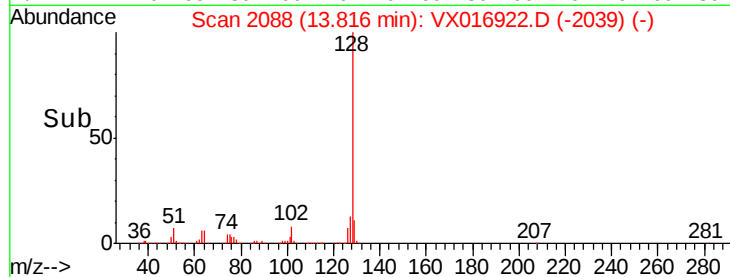
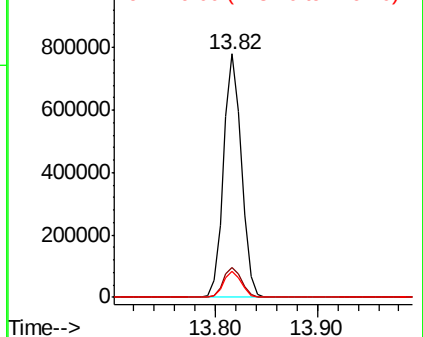


Abundance

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: 57.554 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

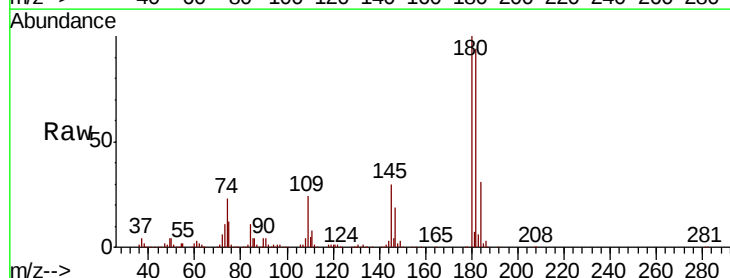
Tgt Ion:180 Resp: 305895

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

145 31.6 16.0 48.0



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

