

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011186.D
 Acq On : 30 Jul 2019 11:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 05:20:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	143048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	91742	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.49	113	82864	48.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	310961	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	122185	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96497	49.095	ug/l	99
3) Chloromethane	1.32	50	84679	49.946	ug/l	99
4) Vinyl Chloride	1.41	62	91069	52.662	ug/l	98
5) Bromomethane	1.64	94	52287	53.655	ug/l	100
6) Chloroethane	1.71	64	60514	55.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	165302	56.469	ug/l	100
8) Diethyl Ether	2.19	74	54424	53.961	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94704	56.661	ug/l	98
10) Methyl Iodide	2.51	142	86136	39.271	ug/l	100
11) Tert butyl alcohol	3.05	59	101006	221.125	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87565	53.322	ug/l	98
13) Acrolein	2.29	56	54029	204.723	ug/l	98
14) Allyl chloride	2.73	41	128035	53.676	ug/l	99
15) Acrylonitrile	3.14	53	245818	266.320	ug/l	100
16) Acetone	2.45	43	242442	273.684	ug/l	97
17) Carbon Disulfide	2.57	76	187850	44.594	ug/l	99
18) Methyl Acetate	2.77	43	116507	57.760	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	289595	54.780	ug/l	99
20) Methylene Chloride	2.85	84	98857	52.659	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	91516	52.522	ug/l	99
22) Diisopropyl ether	3.85	45	281953	56.045	ug/l	92
23) Vinyl Acetate	3.81	43	1184425	277.865	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158734	54.330	ug/l	99
25) 2-Butanone	4.67	43	349594	274.920	ug/l	97
26) 2,2-Dichloropropane	4.58	77	132899	55.399	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108890	53.997	ug/l	99
28) Bromochloromethane	5.01	49	68051	49.427	ug/l	99
29) Tetrahydrofuran	5.12	42	209351	259.903	ug/l	100
30) Chloroform	5.21	83	175854	55.685	ug/l	99
31) Cyclohexane	5.57	56	137449	51.613	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	151537	55.464	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124111	56.626	ug/l	99
37) Ethyl Acetate	4.83	43	122544	54.603	ug/l	99
38) Carbon Tetrachloride	5.78	117	135363	59.269	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156398	55.026	ug/l	98
40) Benzene	6.14	78	378491	56.375	ug/l	99
41) Methacrylonitrile	5.04	41	69227	54.337	ug/l	98
42) 1,2-Dichloroethane	6.19	62	133482	57.182	ug/l	99
43) Isopropyl Acetate	6.44	43	205644	55.726	ug/l	99
44) Trichloroethene	7.21	130	110321	55.513	ug/l	91
45) 1,2-Dichloropropane	7.51	63	96810	56.654	ug/l	99
46) Dibromomethane	7.65	93	70463	57.708	ug/l	100
47) Bromodichloromethane	7.90	83	130460	60.022	ug/l	97
48) Methyl methacrylate	7.77	41	102272	56.890	ug/l	98
49) 1,4-Dioxane	7.74	88	49616	986.665	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	699272	292.315	ug/l	99
52) Toluene	8.78	92	250444	56.784	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142021	60.768	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	155098	59.639	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106654	58.730	ug/l	96
56) Ethyl methacrylate	9.18	69	159237	59.945	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165054	57.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	396967	313.054	ug/l	100
59) 2-Hexanone	9.49	43	545030	293.750	ug/l	100
60) Dibromochloromethane	9.58	129	115928	55.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113243	58.759	ug/l	100
64) Tetrachloroethene	9.34	164	108528	54.519	ug/l	98
65) Chlorobenzene	10.13	112	287472	55.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	107866	59.053	ug/l	100
67) Ethyl Benzene	10.25	91	504960	57.081	ug/l	99
68) m/p-Xylenes	10.35	106	390444	115.060	ug/l	99
69) o-Xylene	10.69	106	188707	56.981	ug/l	100
70) Styrene	10.71	104	331123	59.978	ug/l	99
71) Bromoform	10.85	173	87034	52.212	ug/l #	100
73) Isopropylbenzene	11.02	105	520576	53.858	ug/l	99
74) N-amyl acetate	10.90	43	196747	53.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167938	53.092	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	182762	70.800	ug/l	83
77) Bromobenzene	11.25	156	141789	53.181	ug/l	99
78) n-propylbenzene	11.36	91	593818	55.602	ug/l	99
79) 2-Chlorotoluene	11.42	91	348573	54.332	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445383	55.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49601	48.787	ug/l	97
82) 4-Chlorotoluene	11.51	91	409144	54.793	ug/l	100
83) tert-Butylbenzene	11.77	119	441738	55.681	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449545	55.223	ug/l	100
85) sec-Butylbenzene	11.94	105	531236	57.148	ug/l	100
86) p-Isopropyltoluene	12.06	119	494128	57.497	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255871	55.301	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	256088	53.966	ug/l	98
89) n-Butylbenzene	12.38	91	434480	59.094	ug/l	100
90) Hexachloroethane	12.60	117	75529	55.721	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	253335	55.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34847	52.703	ug/l	99

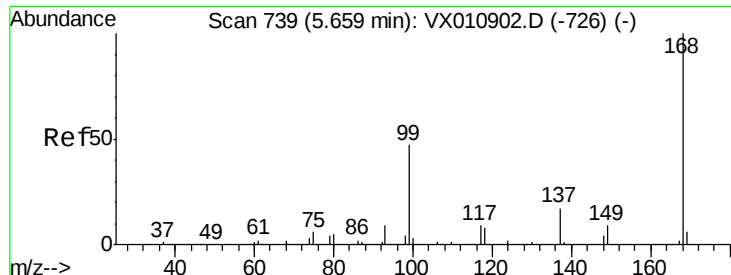
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176708	56.862	ug/l	99
94) Hexachlorobutadiene	13.78	225	89308	57.991	ug/l	98
95) Naphthalene	13.83	128	530518	57.811	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	176270	57.006	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

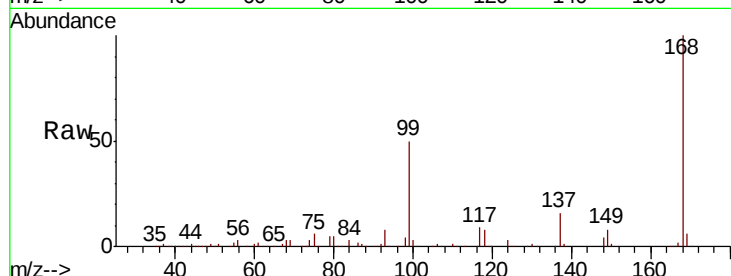
VSTDCCC050

Tgt Ion:168 Resp: 184365

Ion Ratio Lower Upper

168 100

99 50.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

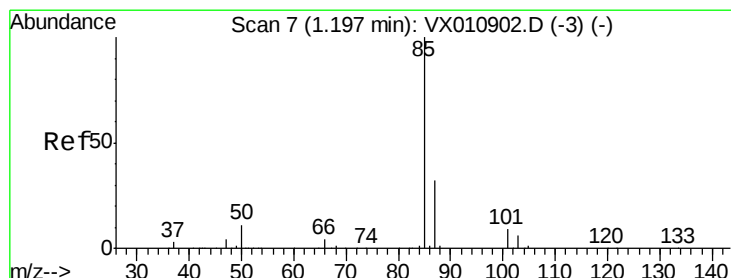
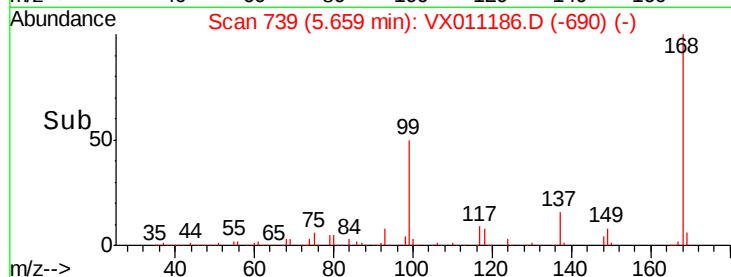
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.095 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011186.D

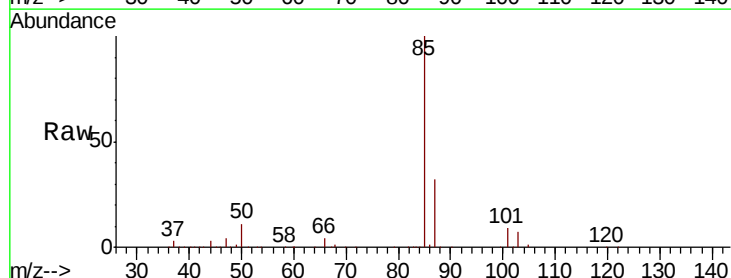
Acq: 30 Jul 2019 11:20

Tgt Ion: 85 Resp: 96497

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

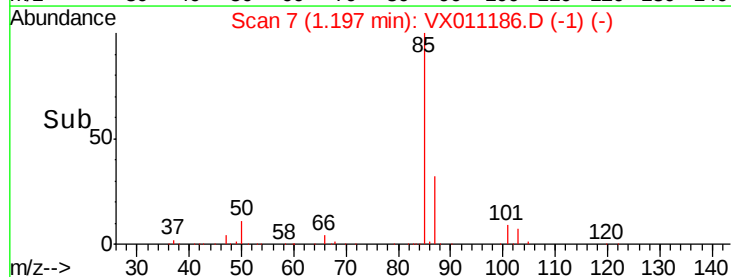
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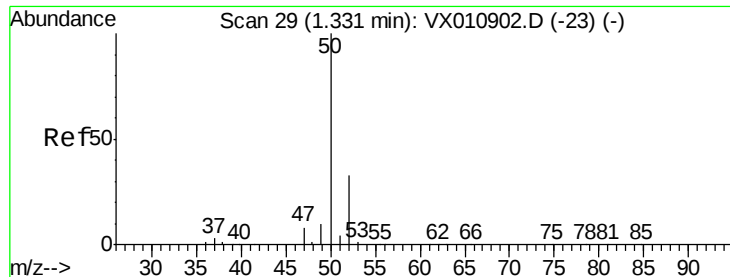
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.946 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

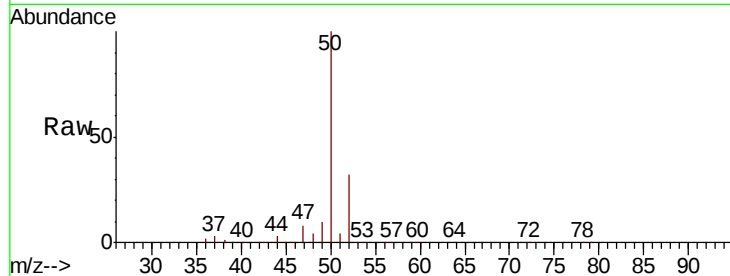
VSTDCCC050

Tgt Ion: 50 Resp: 84679

Ion Ratio Lower Upper

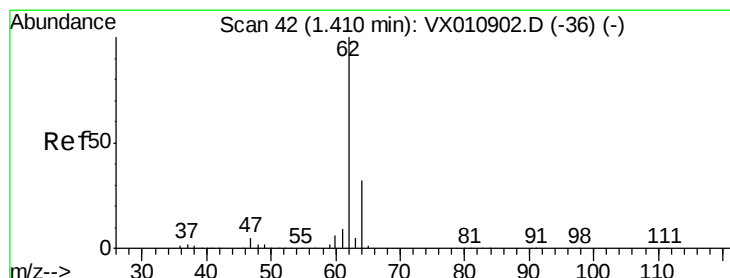
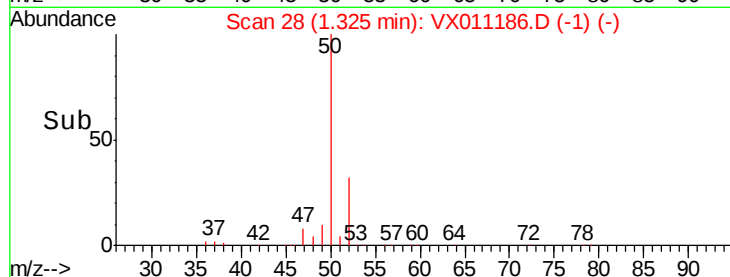
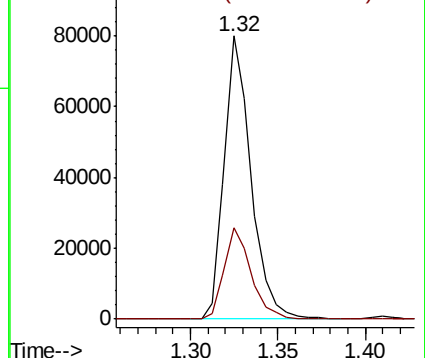
50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.662 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011186.D

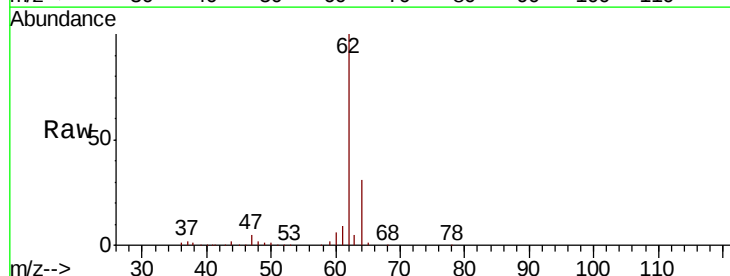
Acq: 30 Jul 2019 11:20

Tgt Ion: 62 Resp: 91069

Ion Ratio Lower Upper

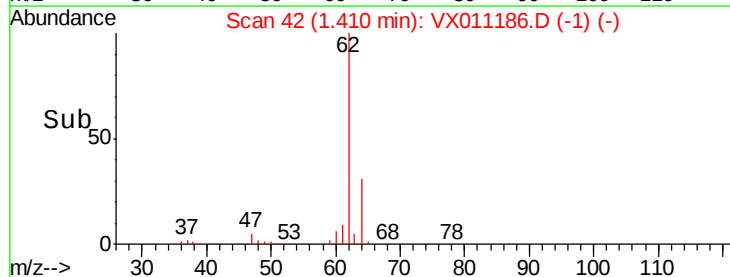
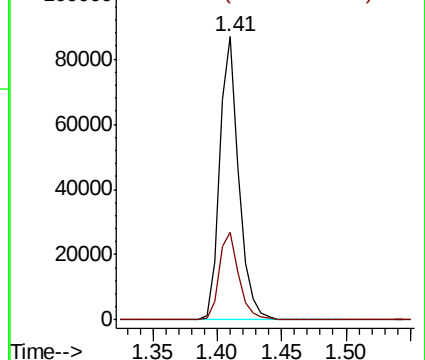
62 100

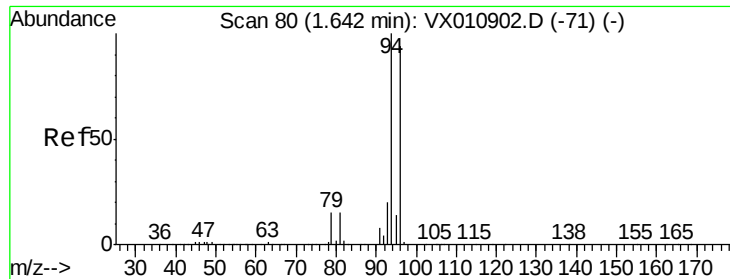
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.655 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

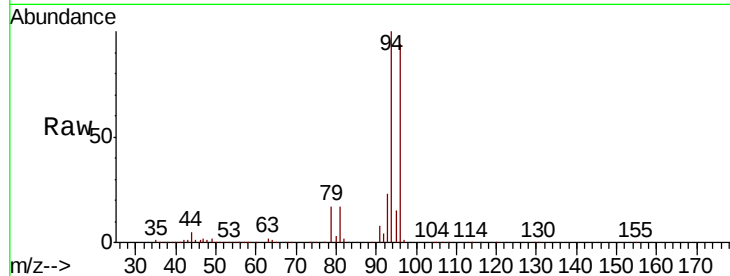
VSTDCCC050

Tgt Ion: 94 Resp: 52287

Ion Ratio Lower Upper

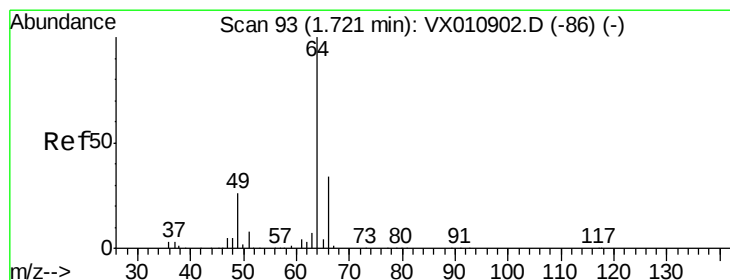
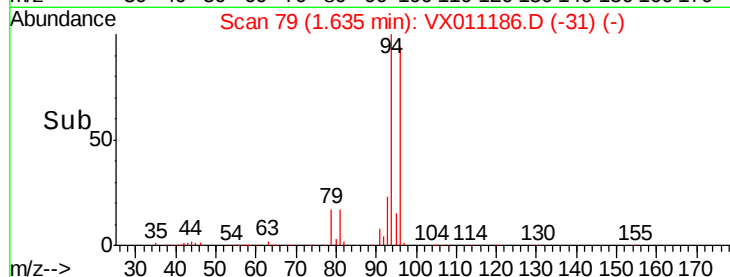
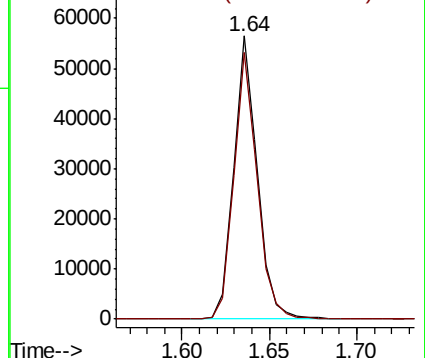
94 100

96 94.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.065 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011186.D

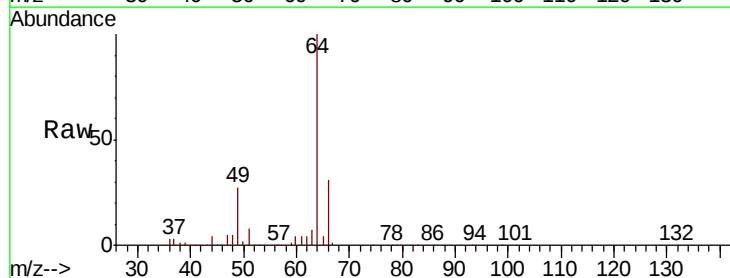
Acq: 30 Jul 2019 11:20

Tgt Ion: 64 Resp: 60514

Ion Ratio Lower Upper

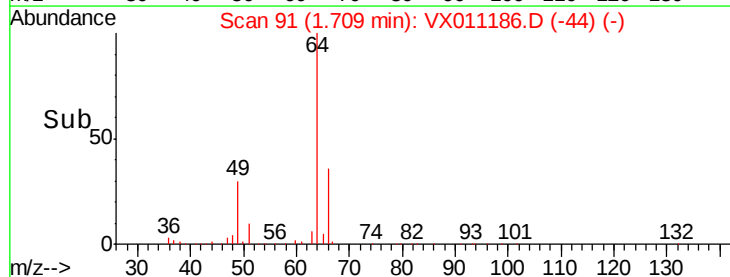
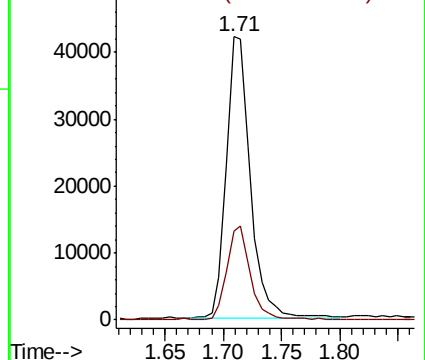
64 100

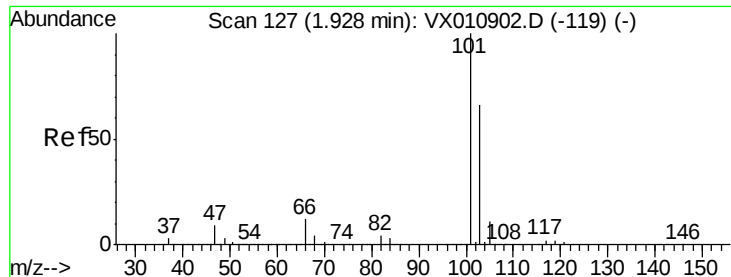
66 31.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



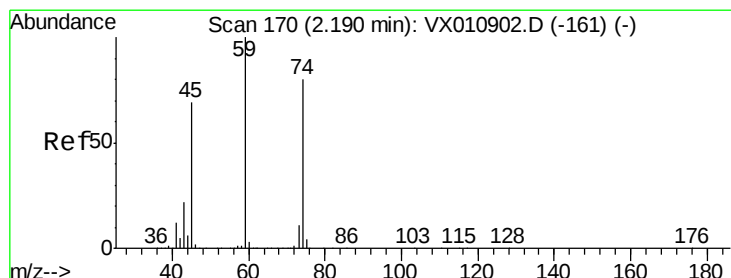
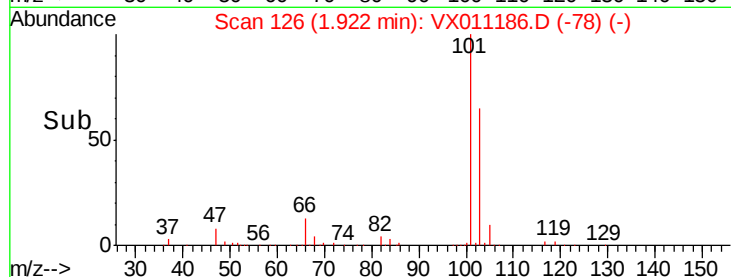
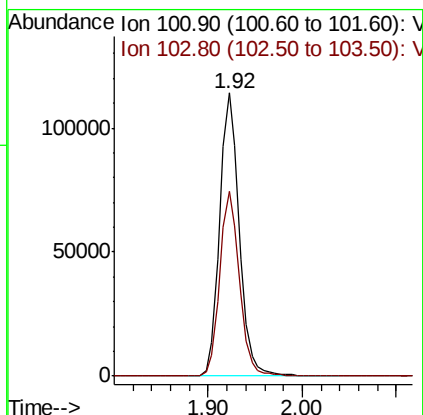
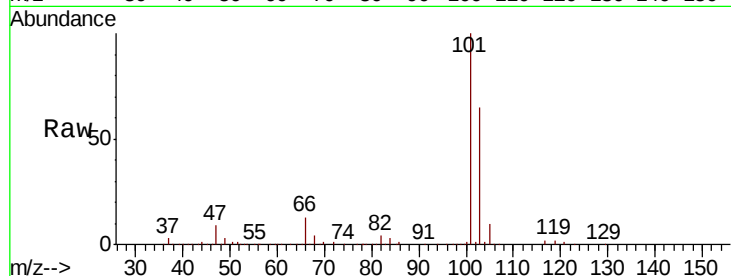


#7

Trichlorofluoromethane
 Concen: 56.469 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

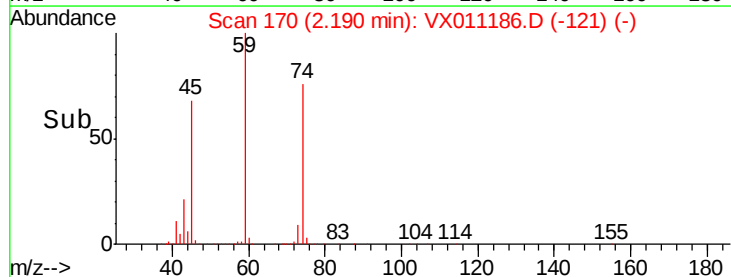
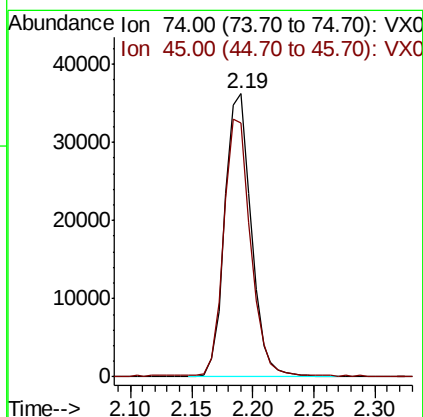
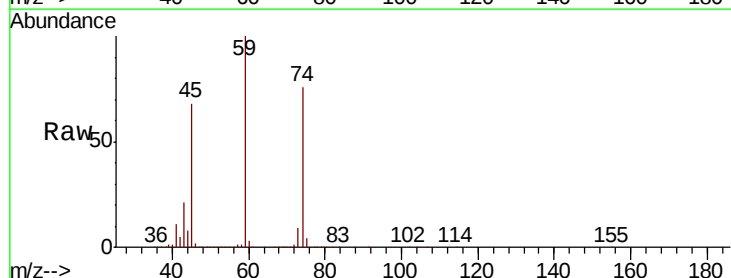
Tgt Ion:101 Resp: 165302
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 78.8

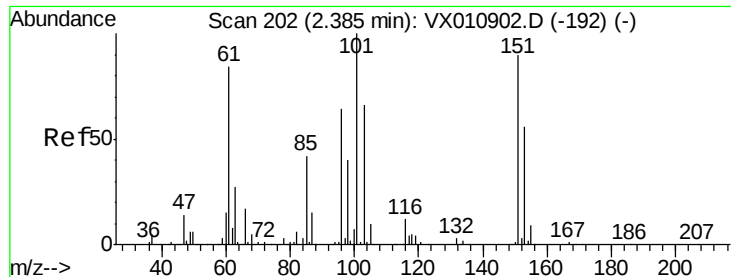


#8

Diethyl Ether
 Concen: 53.961 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 74 Resp: 54424
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.661 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

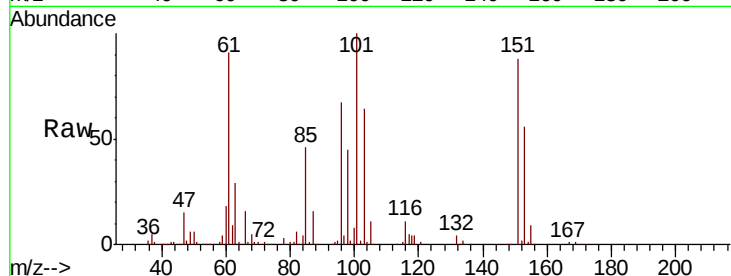
Tgt Ion:101 Resp: 94704

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

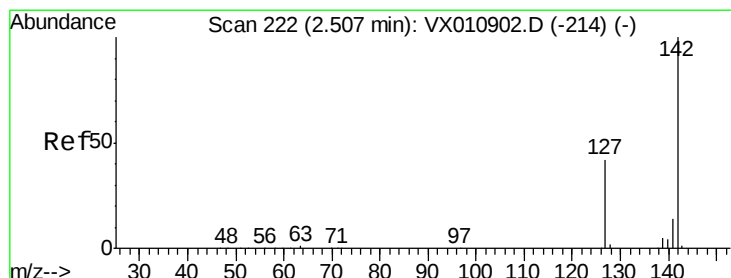
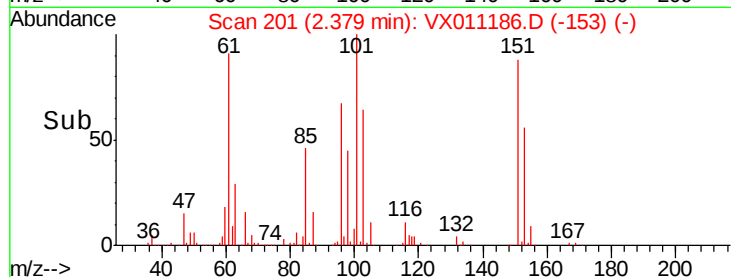
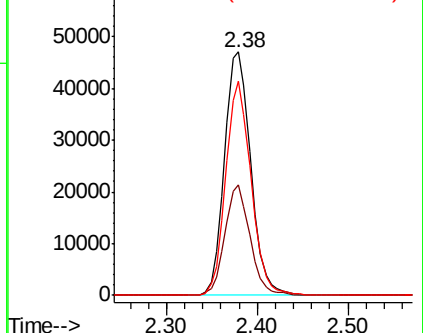
151 84.8 69.6 104.4



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: 39.271 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

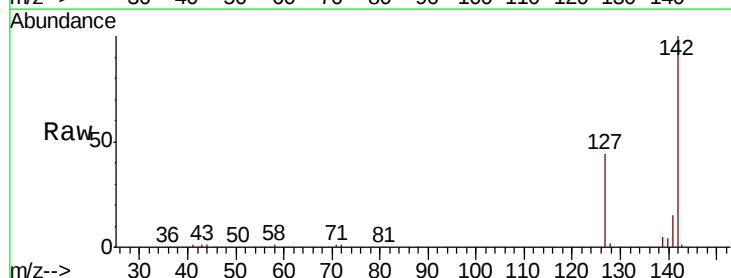
Tgt Ion:142 Resp: 86136

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.4

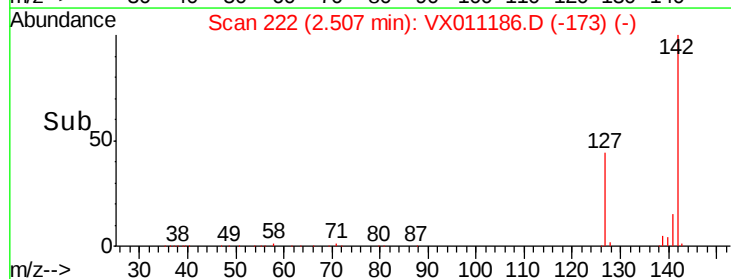
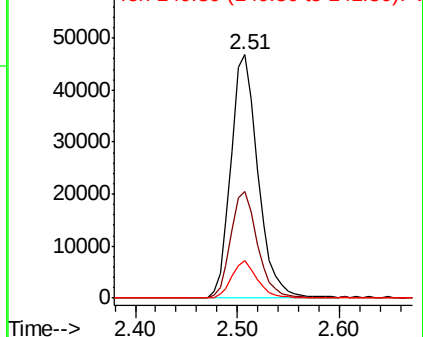
141 14.5 11.7 17.5

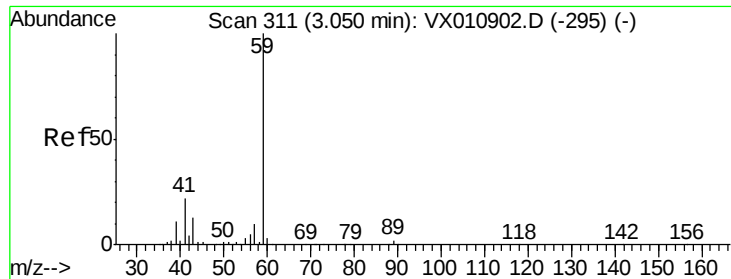


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

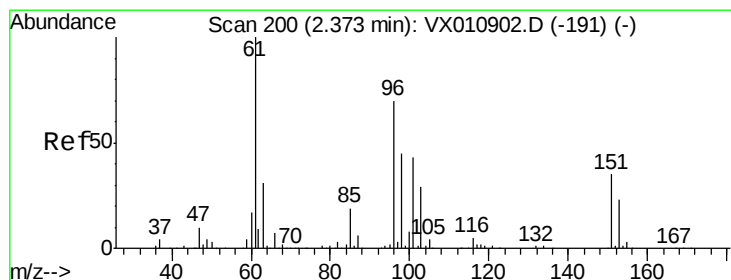
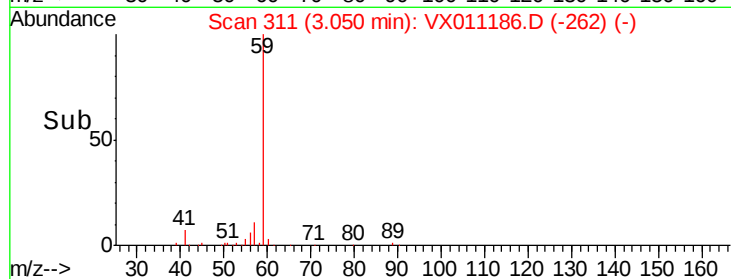
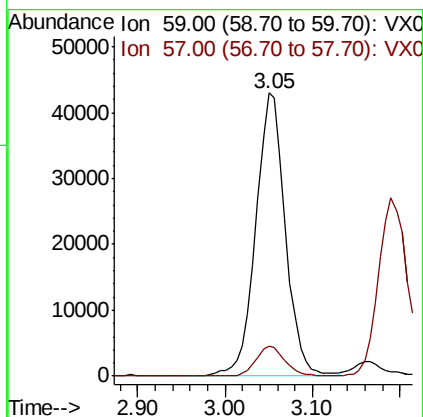
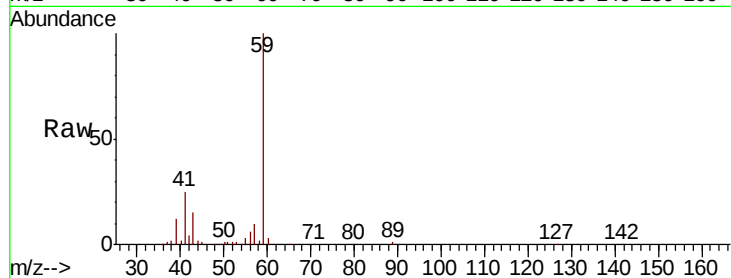




#11
Tert butyl alcohol
Concen: 221.125 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

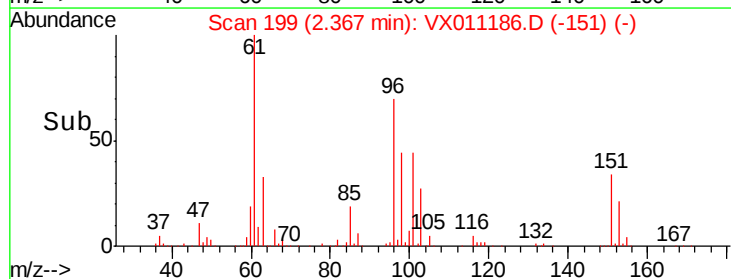
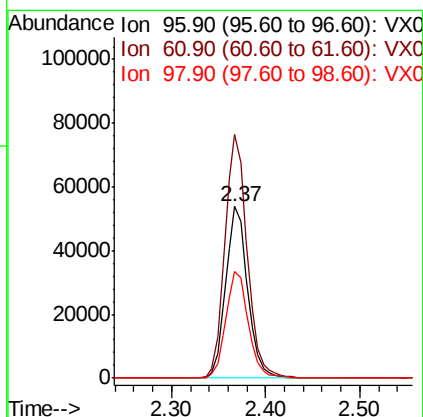
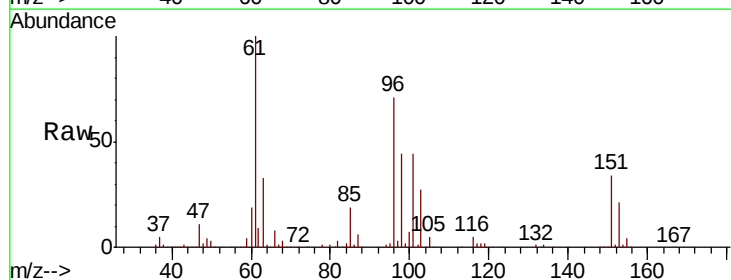
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

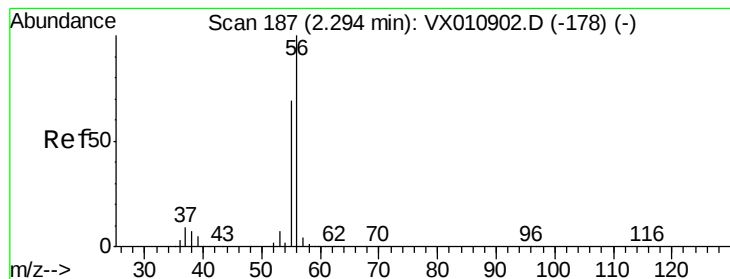
Tgt Ion: 59 Resp: 101006
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 53.322 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 96 Resp: 87565
Ion Ratio Lower Upper
96 100
61 141.8 115.0 172.4
98 62.3 52.2 78.2





#13

Acrolein

Concen: 204.723 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

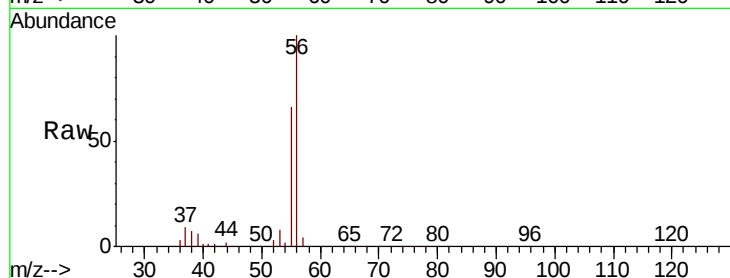
VSTDCCC050

Tgt Ion: 56 Resp: 54029

Ion Ratio Lower Upper

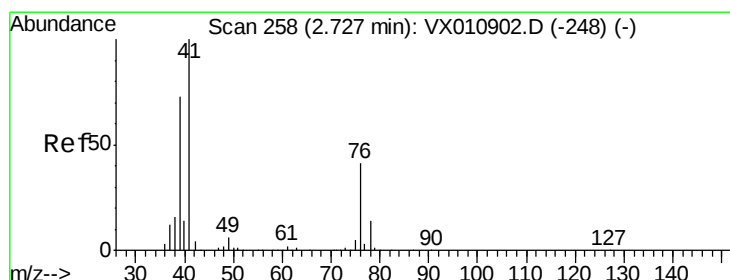
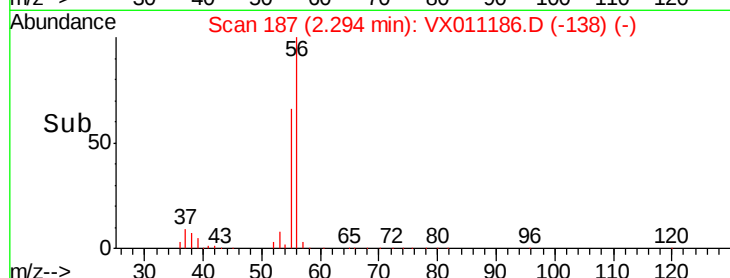
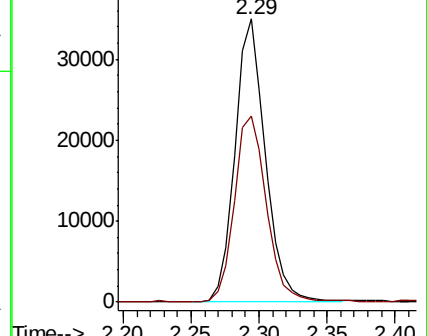
56 100

55 68.4 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.676 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

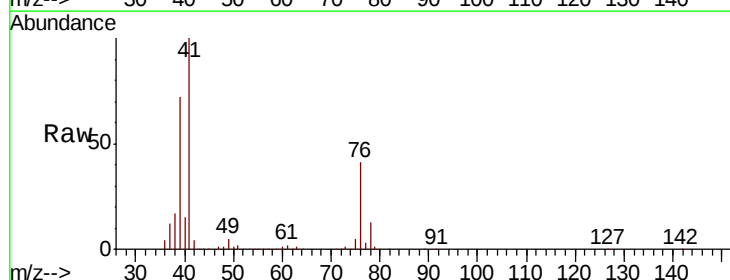
Tgt Ion: 41 Resp: 128035

Ion Ratio Lower Upper

41 100

39 66.3 53.6 80.4

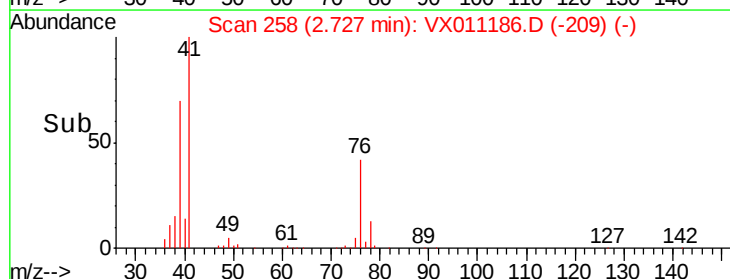
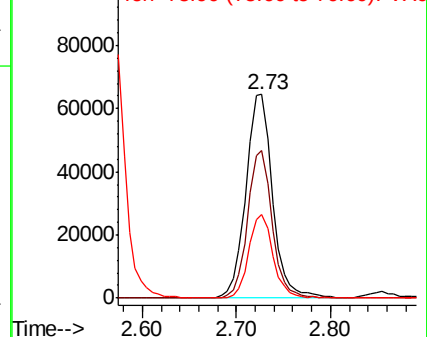
76 37.4 29.7 44.5

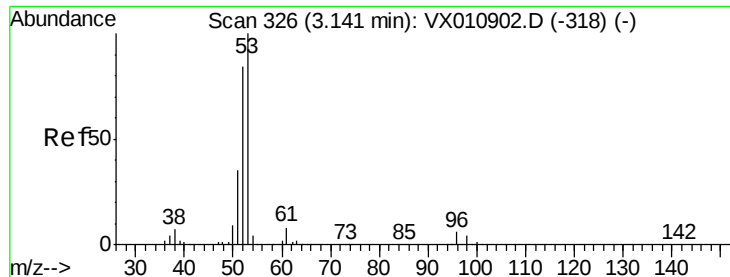


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 266.320 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

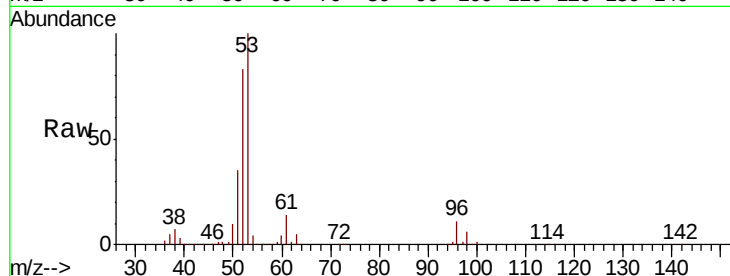
Tgt Ion: 53 Resp: 245818

Ion Ratio Lower Upper

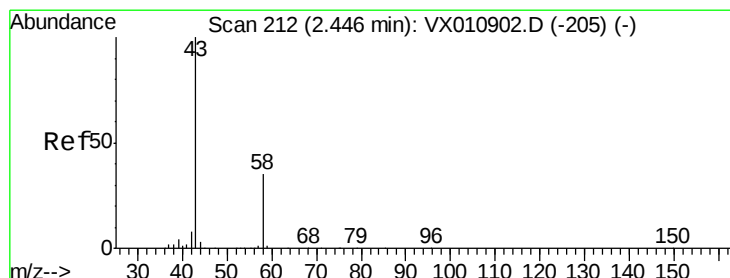
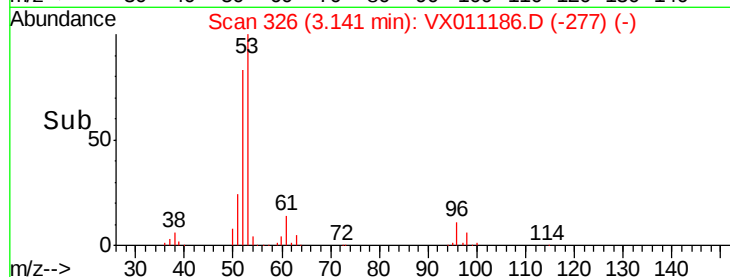
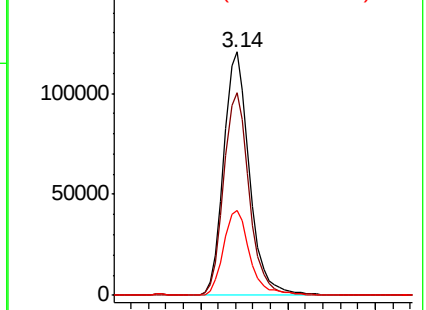
53 100

52 82.9 66.5 99.7

51 35.7 28.2 42.4



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: 273.684 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011186.D

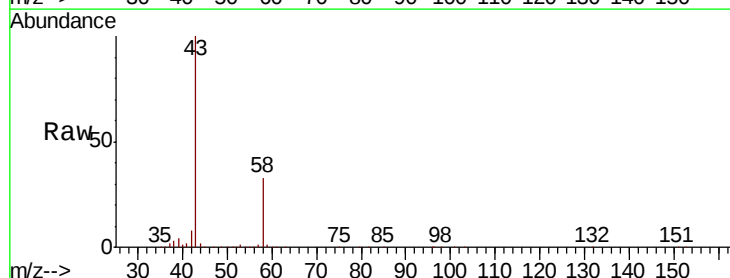
Acq: 30 Jul 2019 11:20

Tgt Ion: 43 Resp: 242442

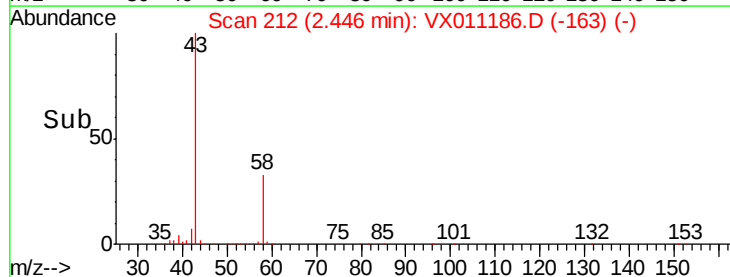
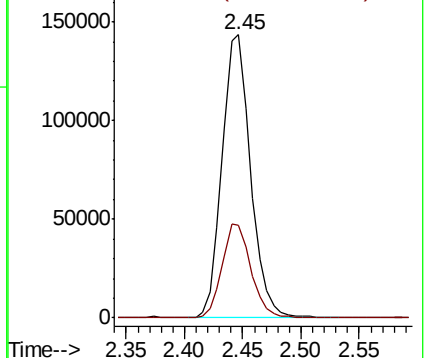
Ion Ratio Lower Upper

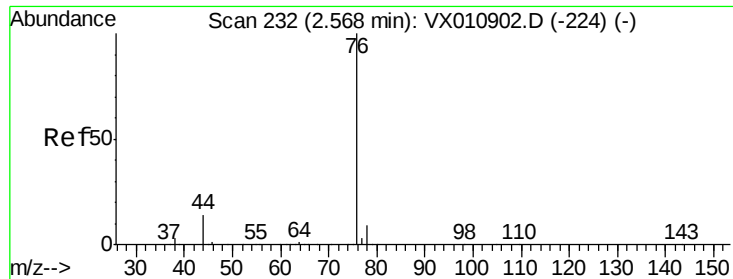
43 100

58 32.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

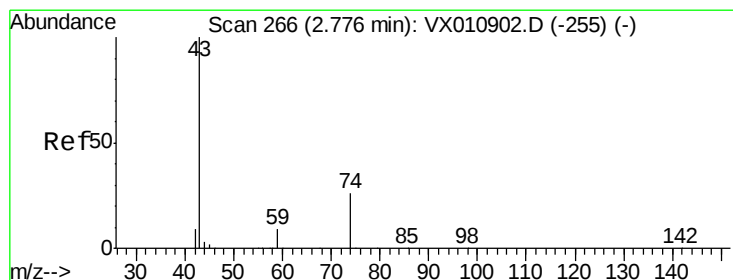
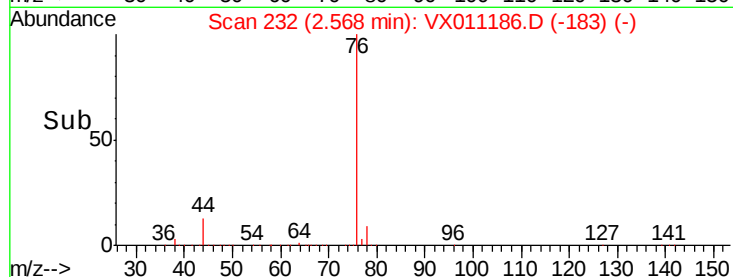
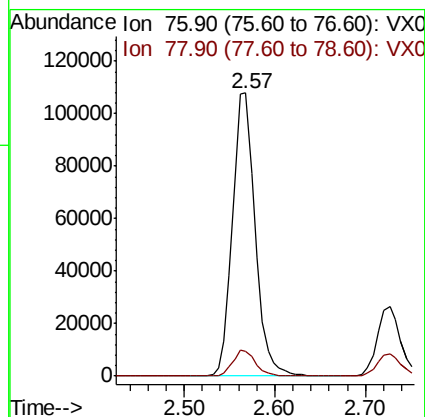
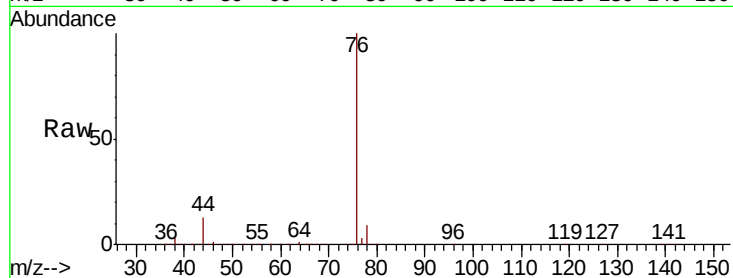




#17
Carbon Disulfide
Concen: 44.594 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

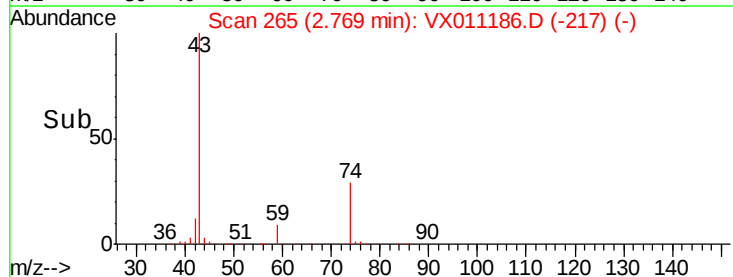
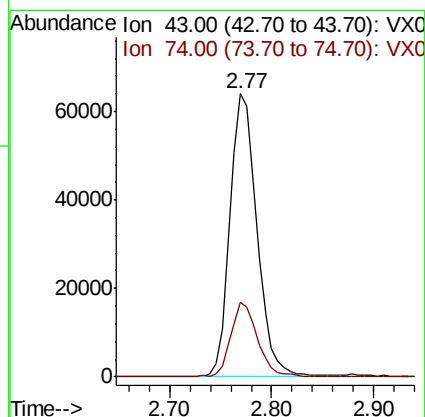
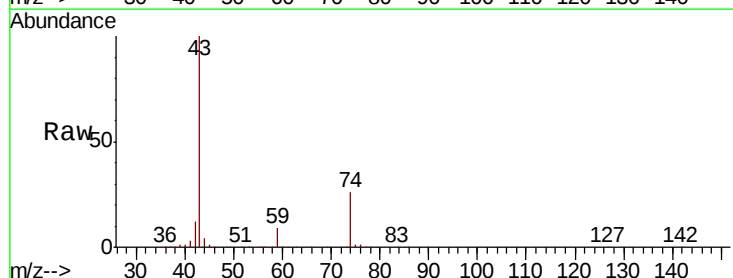
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

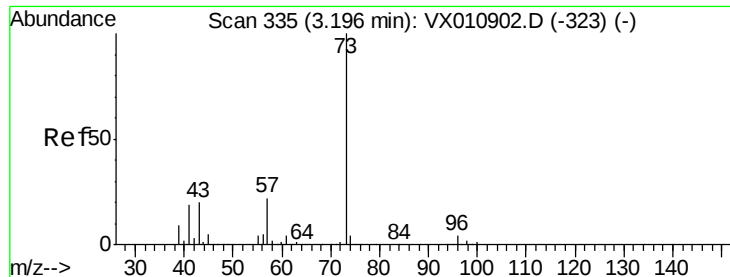
Tgt Ion: 76 Resp: 187850
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 57.760 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 43 Resp: 116507
Ion Ratio Lower Upper
43 100
74 26.3 21.5 32.3

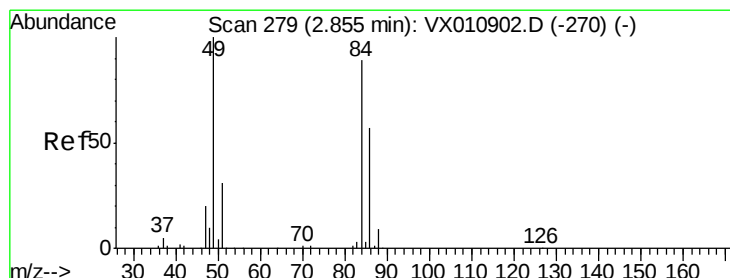
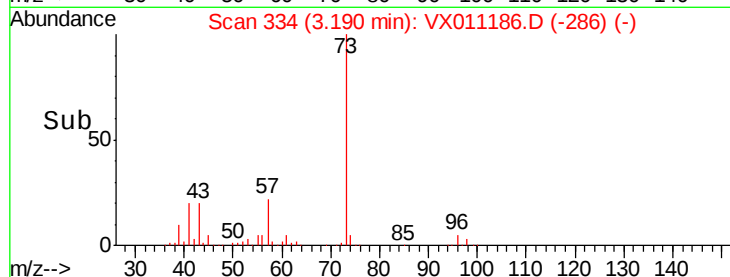
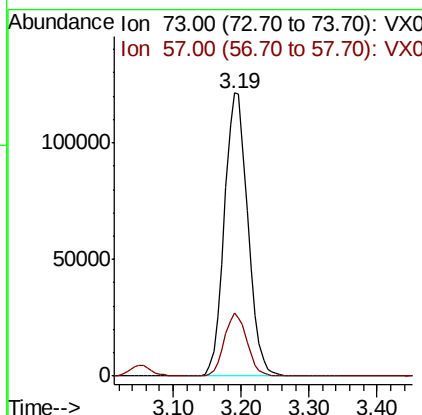
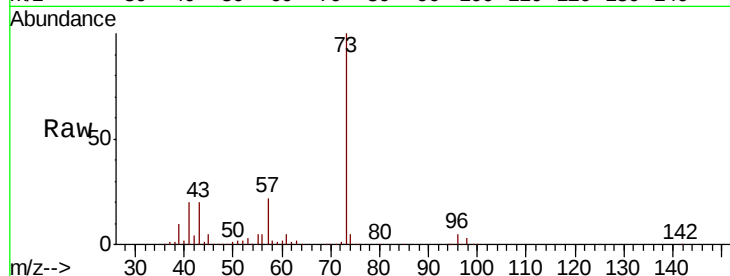




#19
Methyl tert-butyl Ether
Concen: 54.780 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

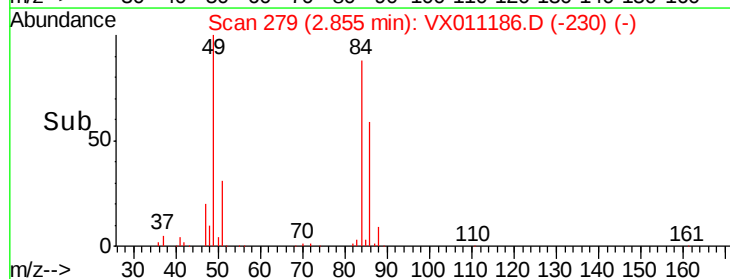
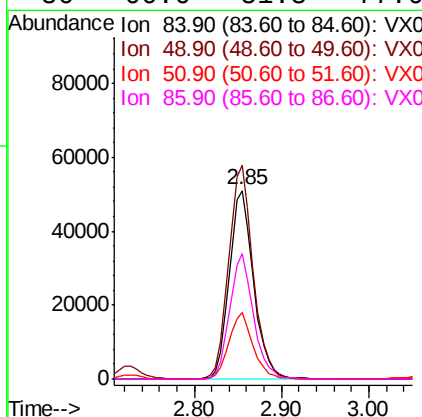
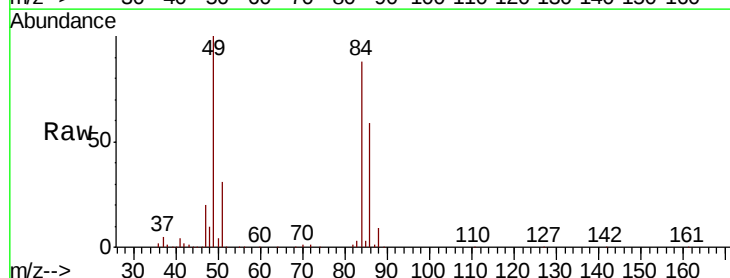
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

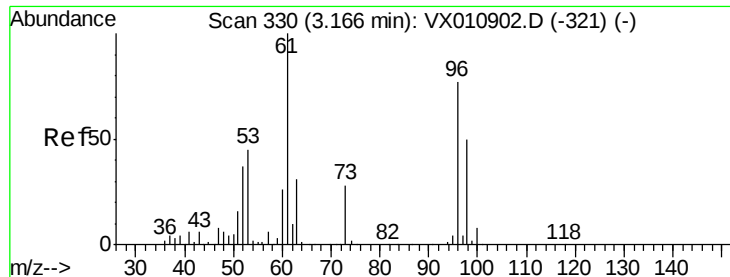
Tgt Ion: 73 Resp: 289595
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 52.659 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 84 Resp: 98857
Ion Ratio Lower Upper
84 100
49 112.9 89.9 134.9
51 35.3 27.8 41.6
86 66.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.522 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

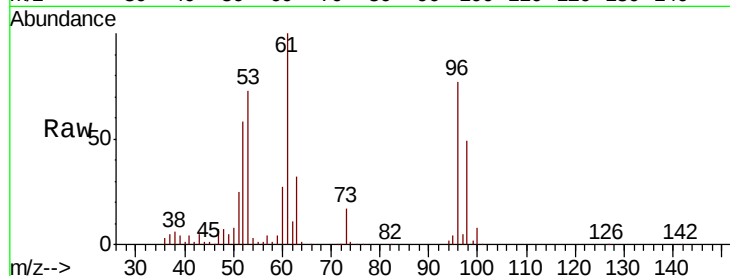
Tgt Ion: 96 Resp: 91516

Ion Ratio Lower Upper

96 100

61 129.4 104.2 156.2

98 63.6 52.2 78.4

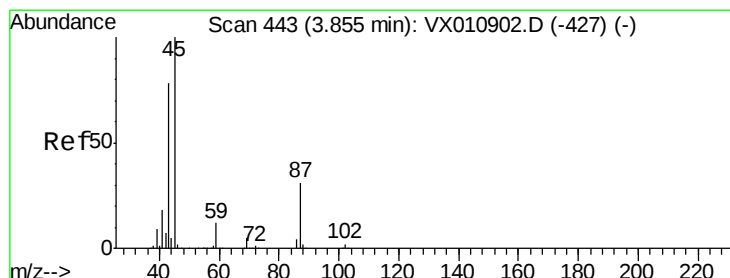
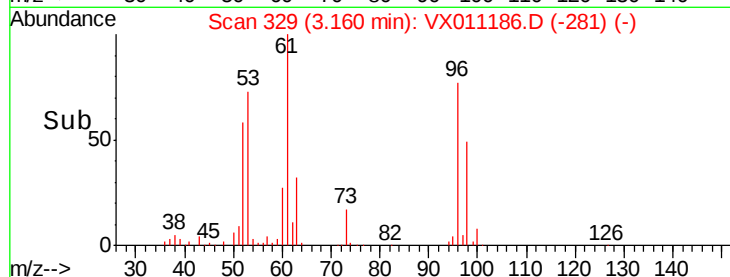
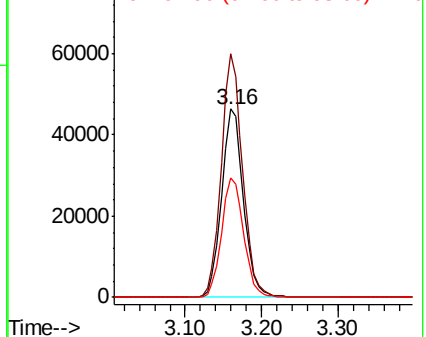


Abundance

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: 56.045 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion: 45 Resp: 281953

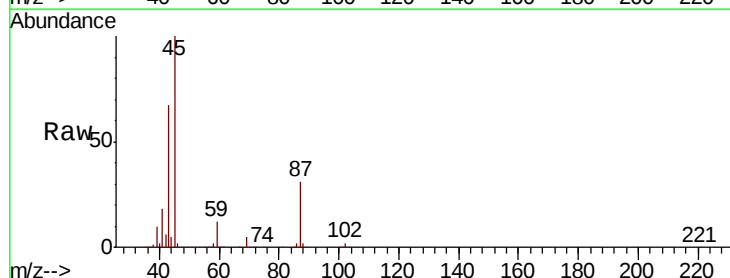
Ion Ratio Lower Upper

45 100

43 67.0 62.3 93.5

87 31.2 25.0 37.4

59 12.2 9.9 14.9



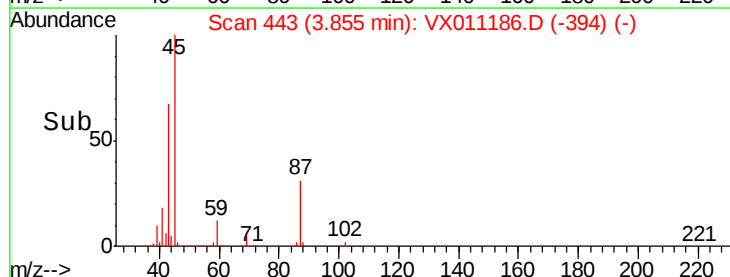
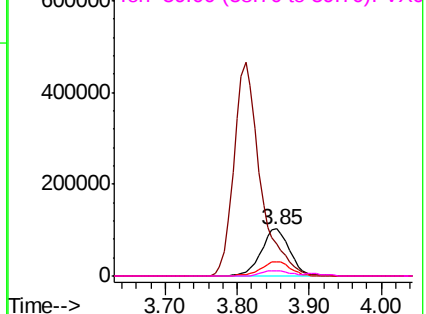
Abundance

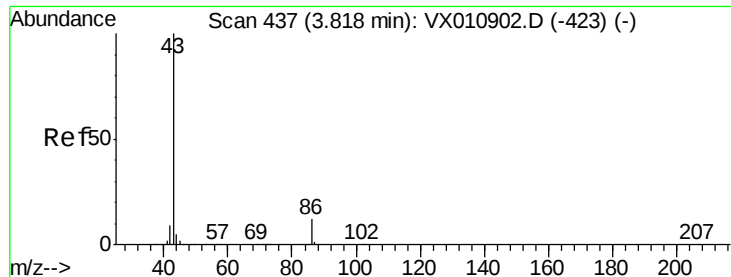
Ion 45.00 (44.70 to 45.70): VX0

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: 277.865 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

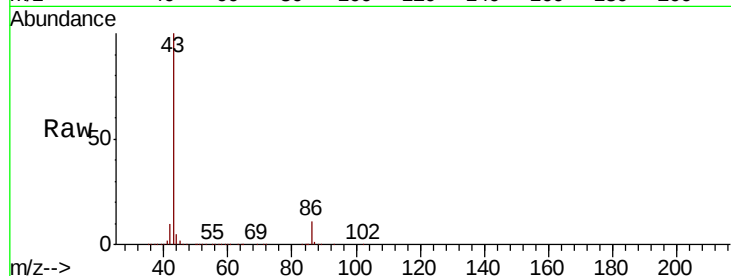
VSTDCCC050

Tgt Ion: 43 Resp: 1184425

Ion Ratio Lower Upper

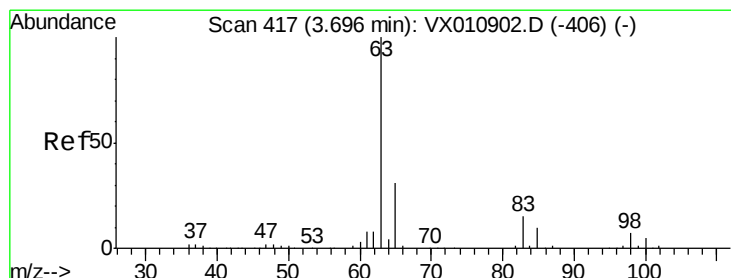
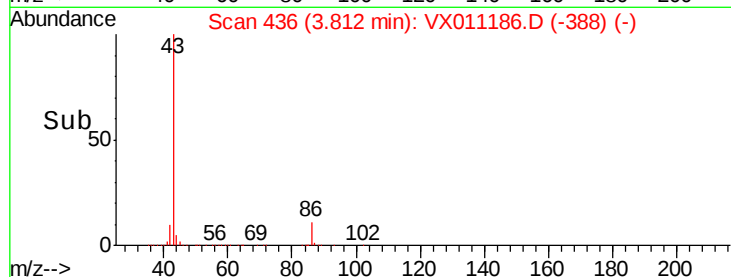
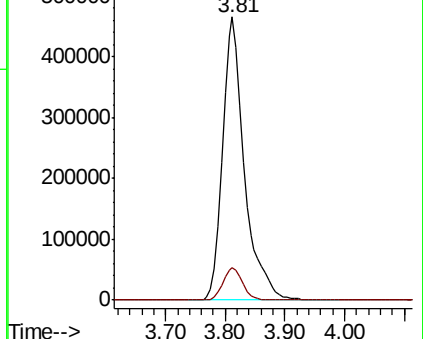
43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.330 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

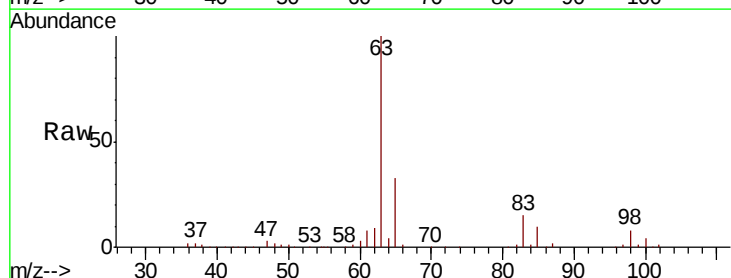
Tgt Ion: 63 Resp: 158734

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

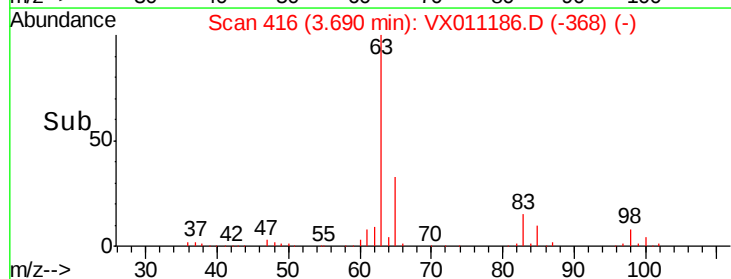
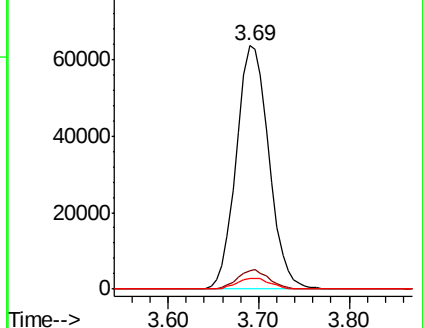
100 4.5 2.4 7.2

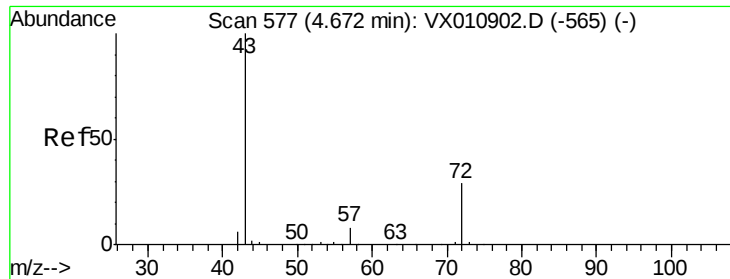


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 274.920 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

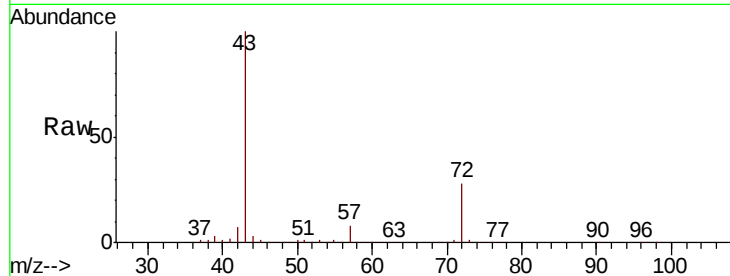
VSTDCCC050

Tgt Ion: 43 Resp: 349594

Ion Ratio Lower Upper

43 100

72 27.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

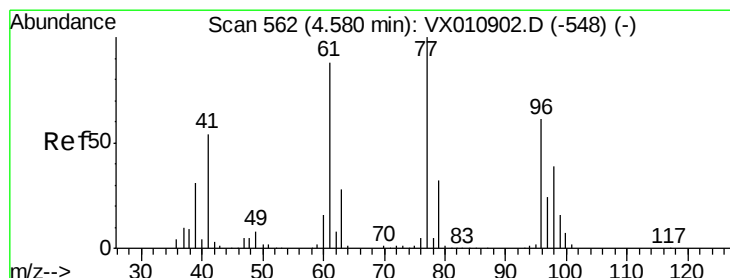
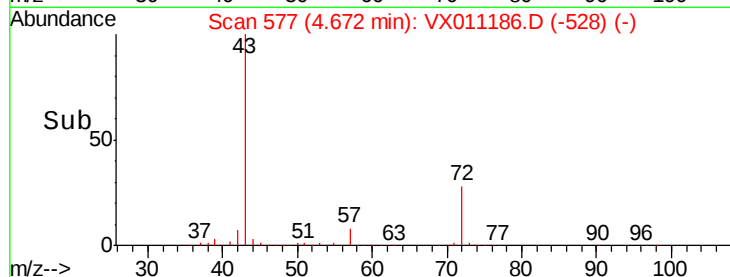
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 55.399 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011186.D

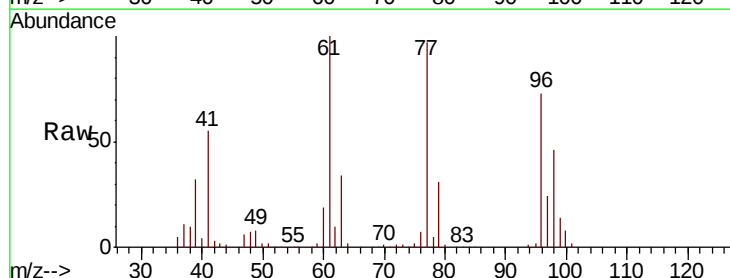
Acq: 30 Jul 2019 11:20

Tgt Ion: 77 Resp: 132899

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

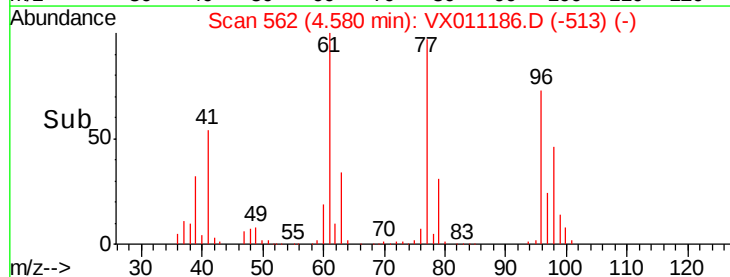
20000

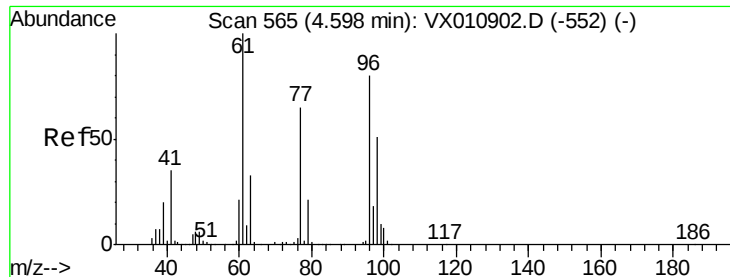
10000

0

4.40 4.50 4.60 4.70

Time-->



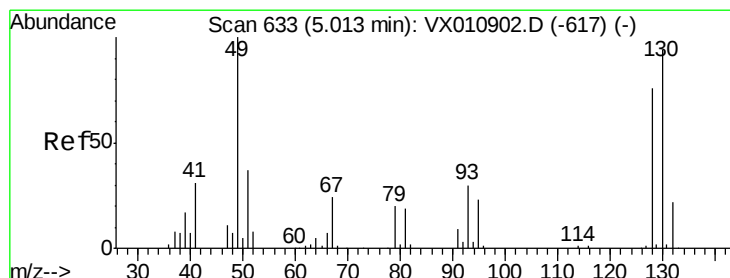
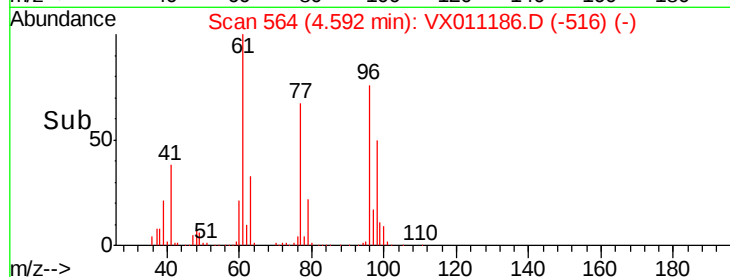
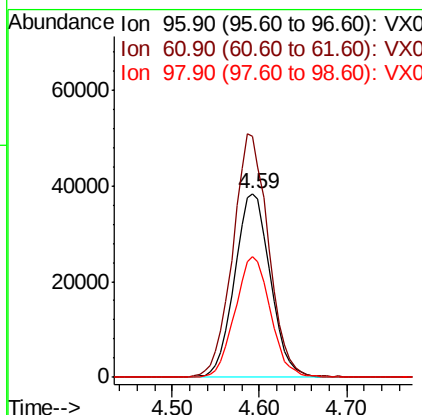
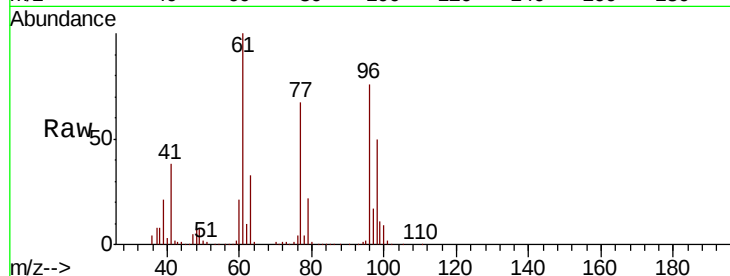


#27

cis-1,2-Dichloroethene
 Concen: 53.997 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

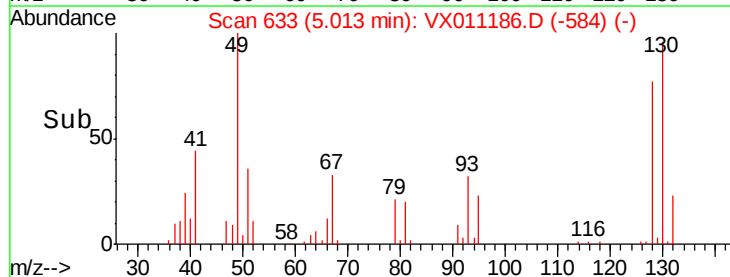
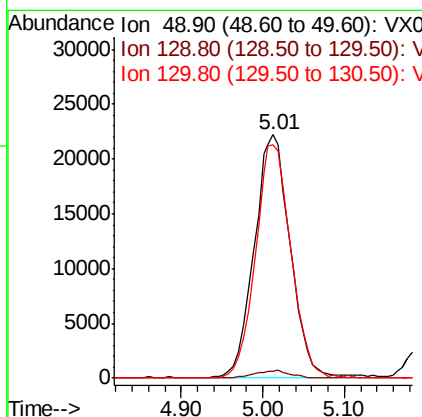
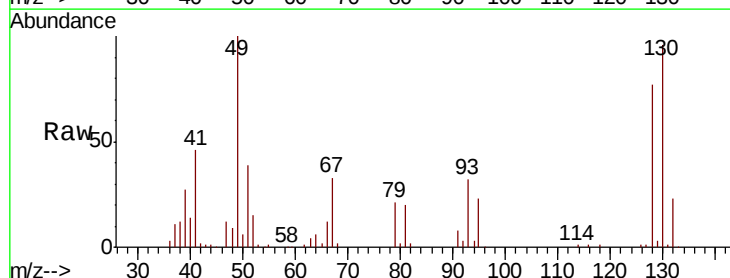
Tgt Ion: 96 Resp: 108890
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 269.0
 98 65.1 0.0 131.4

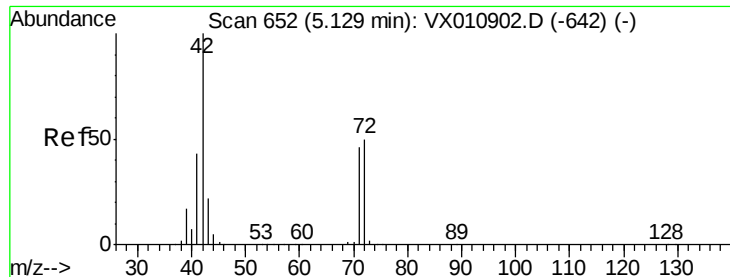


#28

Bromochloromethane
 Concen: 49.427 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 49 Resp: 68051
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.2
 130 94.9 76.9 115.3

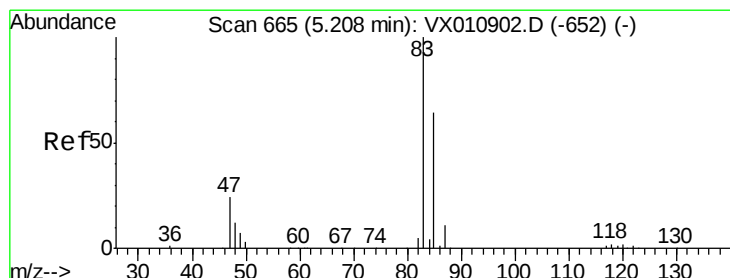
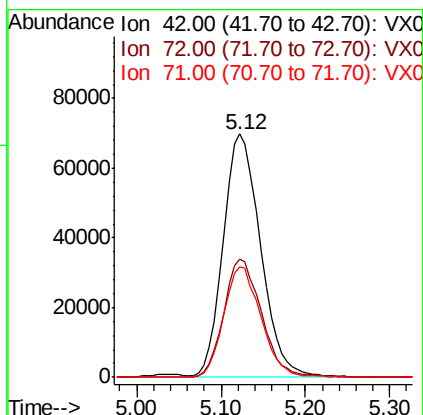
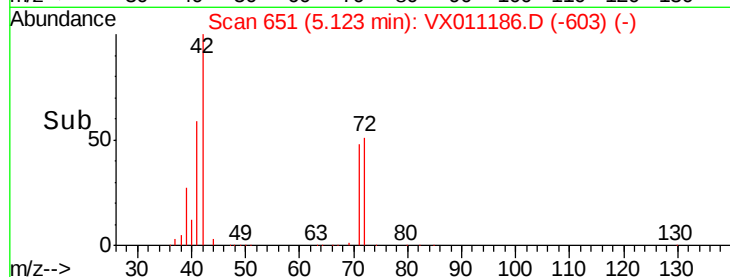
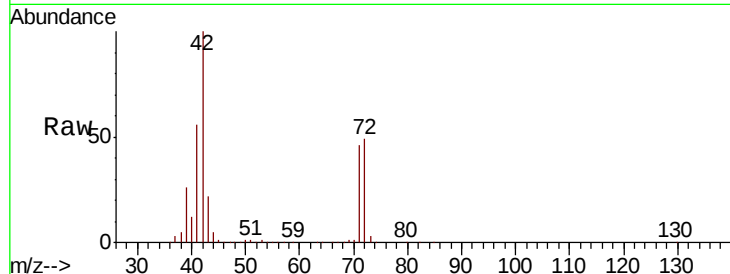




#29
Tetrahydrofuran
Concen: 259.903 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

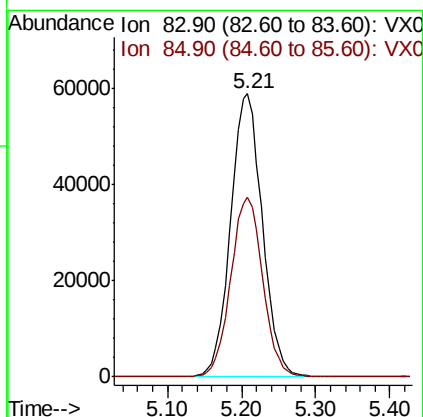
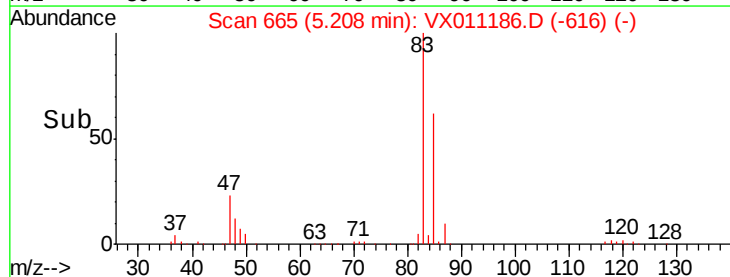
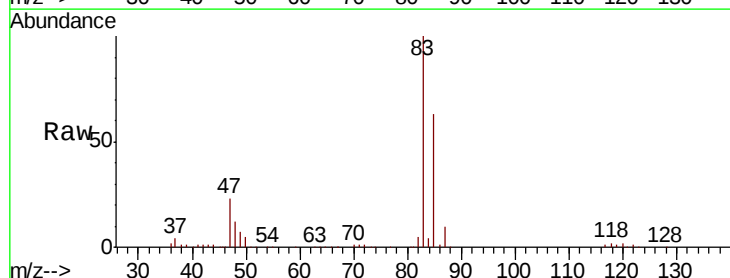
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

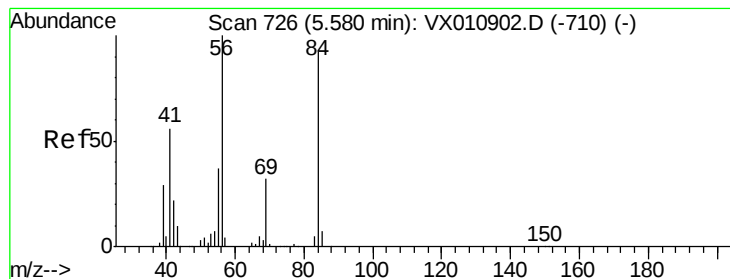
Tgt Ion: 42 Resp: 209351
Ion Ratio Lower Upper
42 100
72 49.6 39.8 59.8
71 45.7 37.0 55.4



#30
Chloroform
Concen: 55.685 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 83 Resp: 175854
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0





#31

Cyclohexane

Concen: 51.613 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

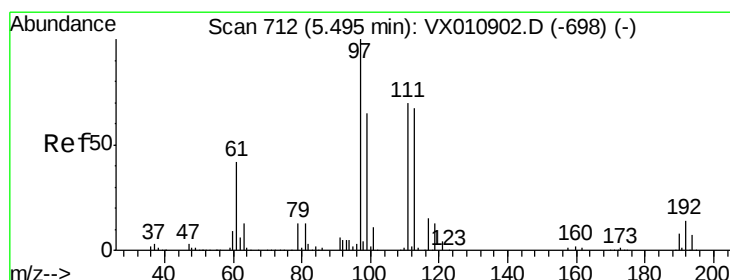
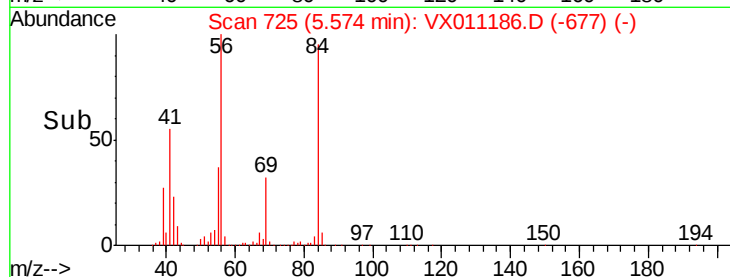
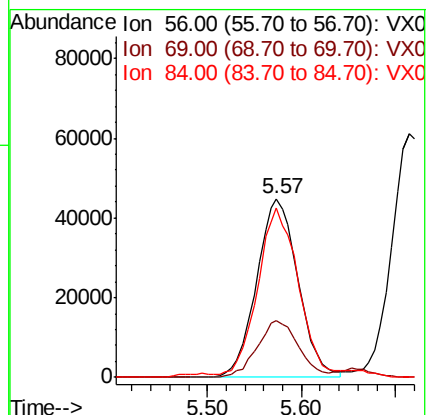
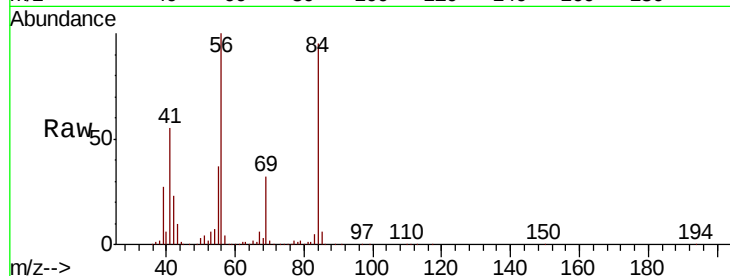
Tgt Ion: 56 Resp: 137449

Ion Ratio Lower Upper

56 100

69 31.1 25.8 38.8

84 93.3 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 55.464 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

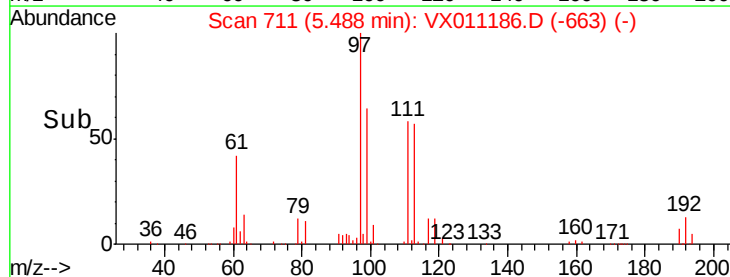
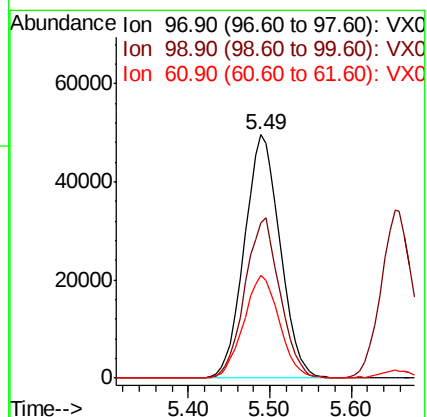
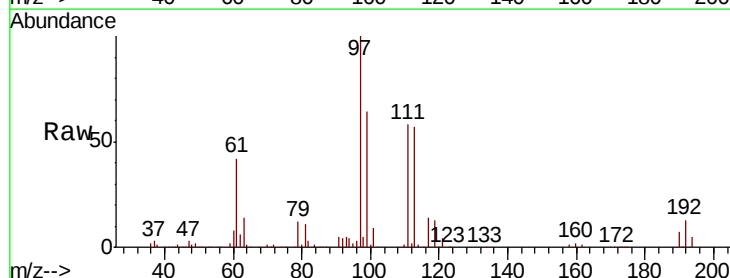
Tgt Ion: 97 Resp: 151537

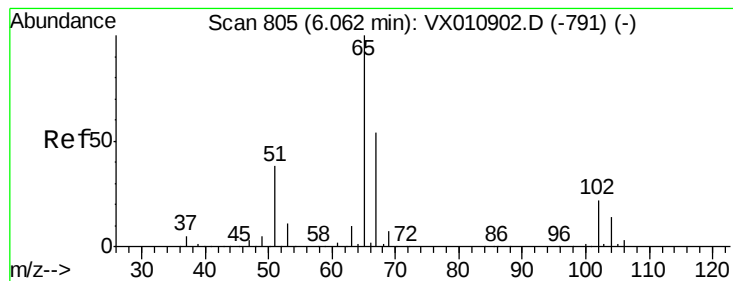
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 42.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.775 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

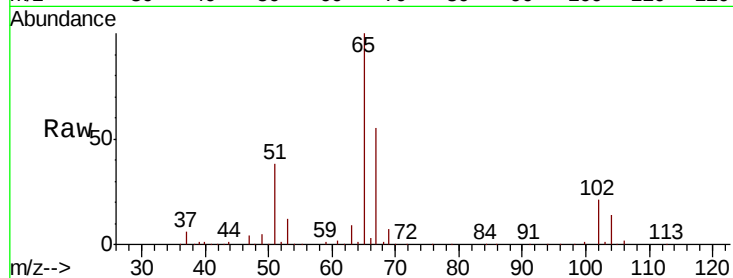
VSTDCCC050

Tgt Ion: 65 Resp: 91742

Ion Ratio Lower Upper

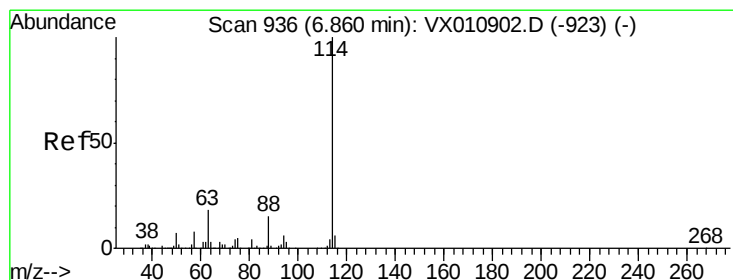
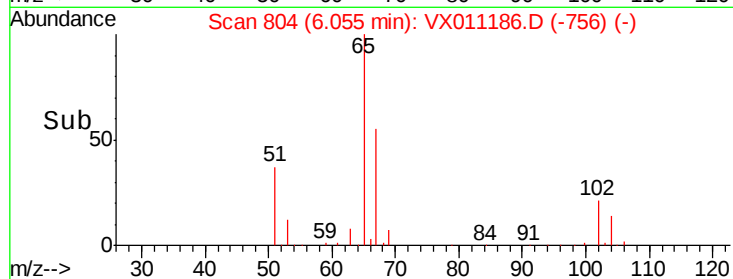
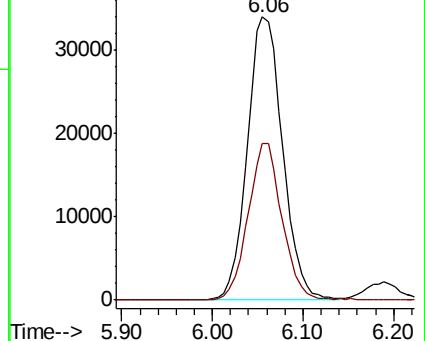
65 100

67 52.9 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

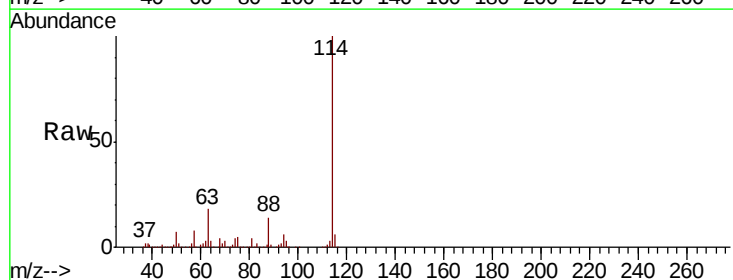
Tgt Ion: 114 Resp: 266828

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

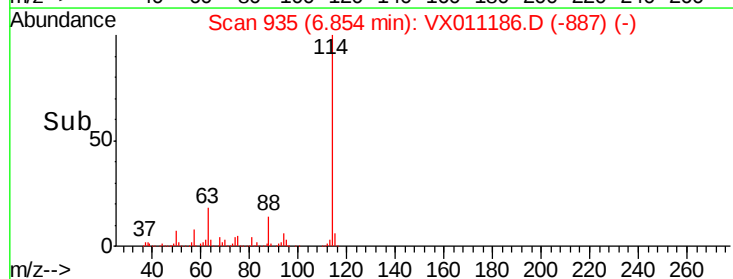
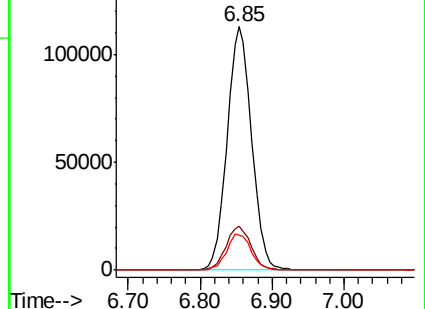
88 14.2 0.0 29.8

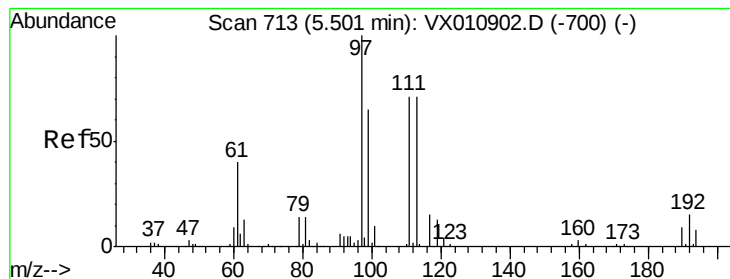


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.927 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

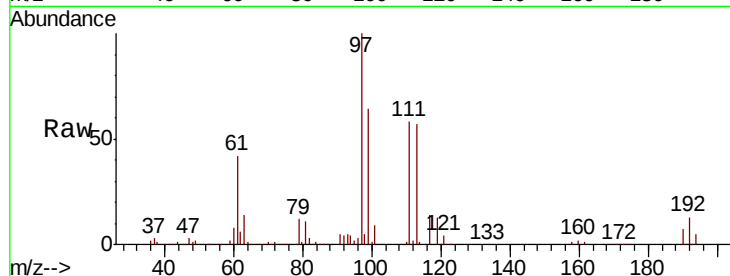
Tgt Ion:113 Resp: 82864

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

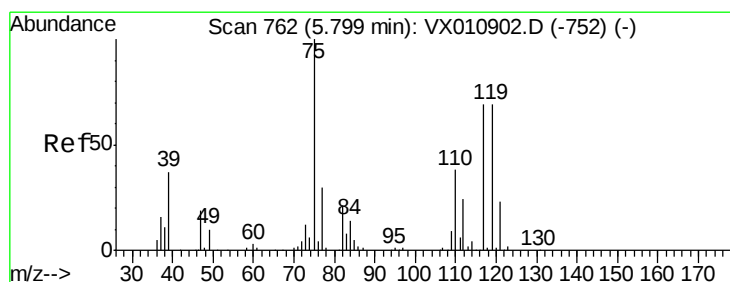
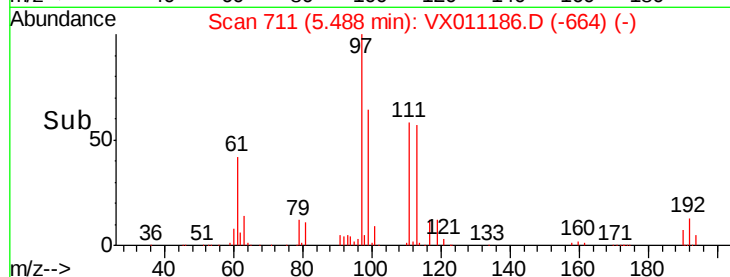
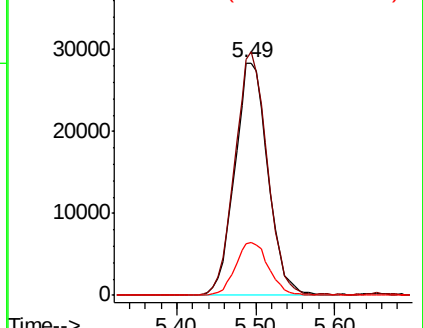
192 22.7 17.4 26.2



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: 56.626 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

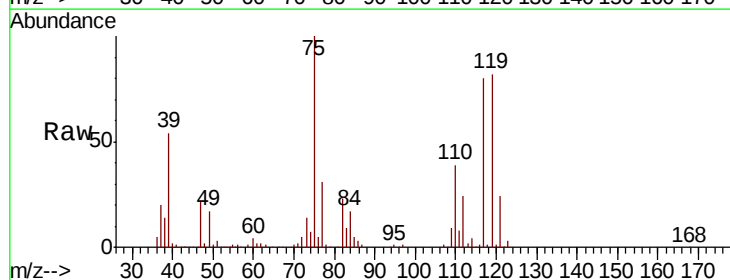
Tgt Ion: 75 Resp: 124111

Ion Ratio Lower Upper

75 100

110 38.7 19.9 59.7

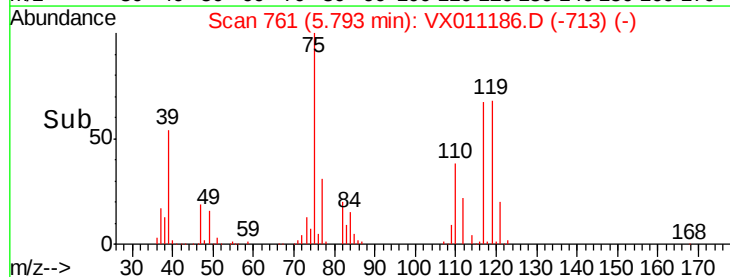
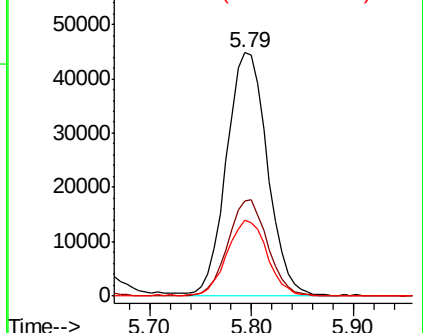
77 30.9 25.0 37.4

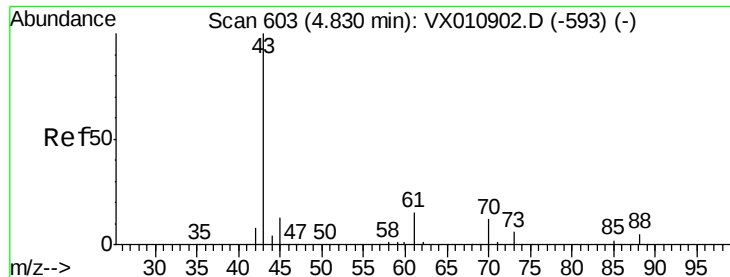


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.603 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

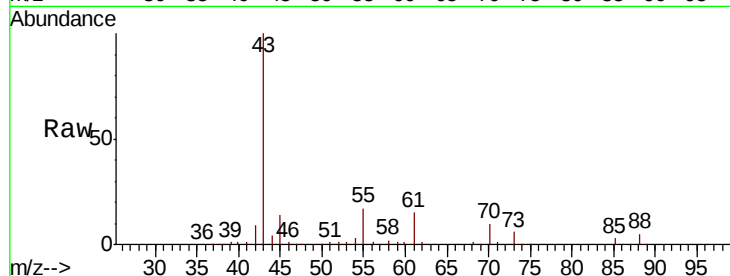
Tgt Ion: 43 Resp: 122544

Ion Ratio Lower Upper

43 100

61 14.9 11.6 17.4

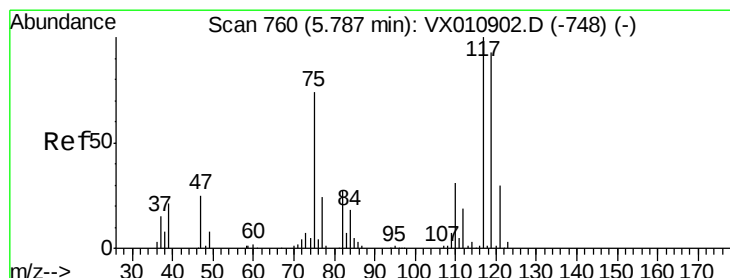
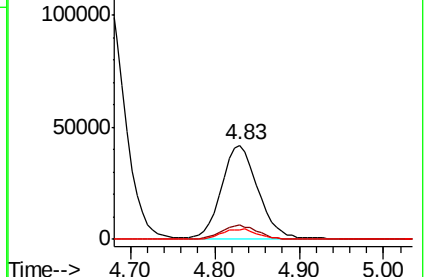
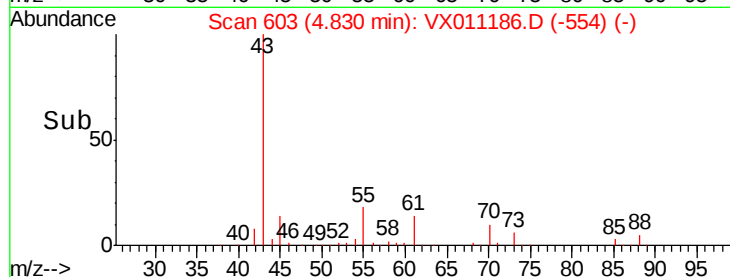
70 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011186.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX011186.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011186.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 59.269 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

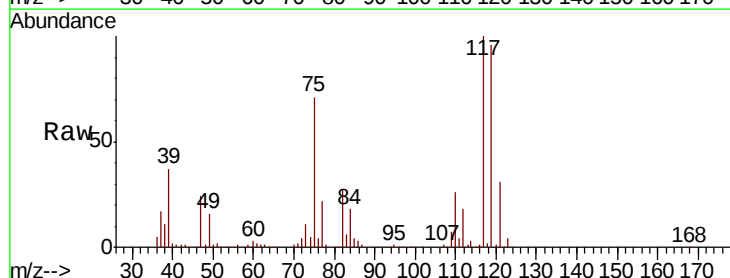
Tgt Ion: 117 Resp: 135363

Ion Ratio Lower Upper

117 100

119 96.0 74.2 111.2

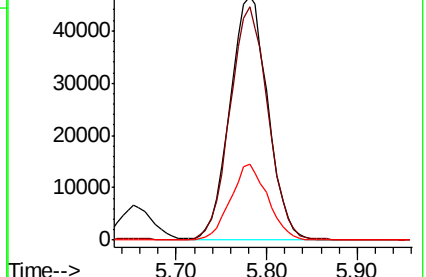
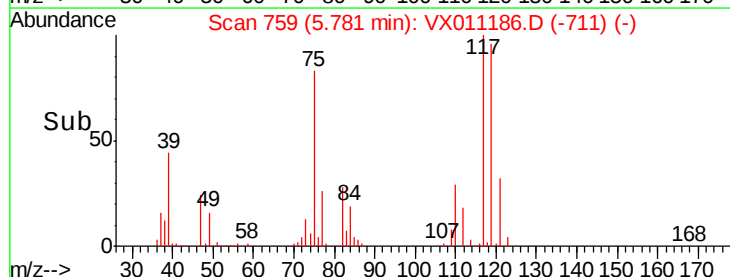
121 31.3 24.2 36.2

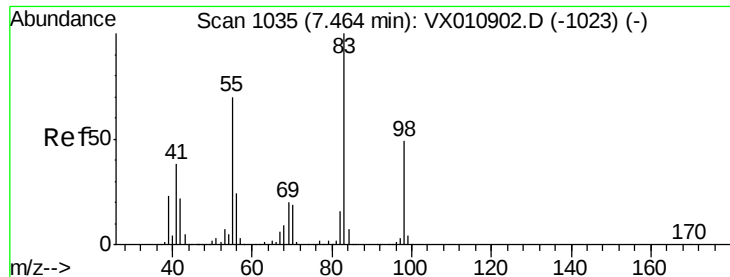


Abundance Ion 116.80 (116.50 to 117.50): VX011186.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011186.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011186.D (-711) (-)

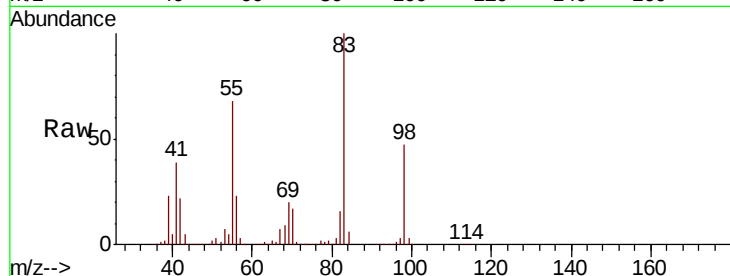




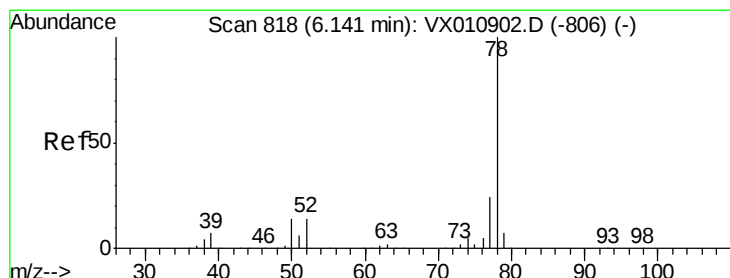
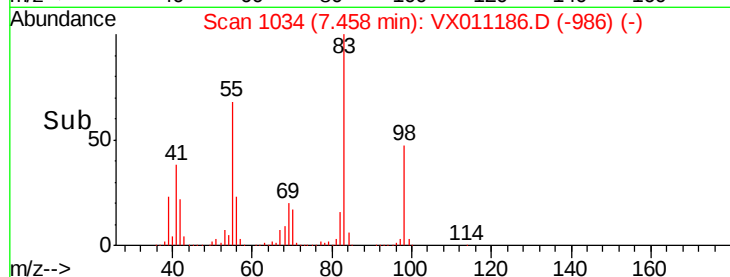
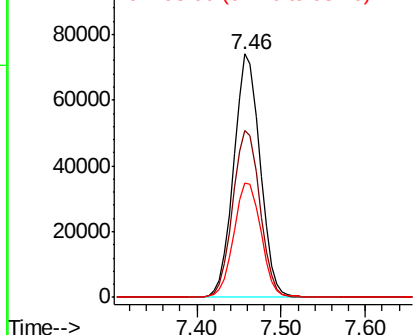
#39
Methylcyclohexane
Concen: 55.026 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 156398
Ion Ratio Lower Upper
83 100
55 68.3 56.2 84.4
98 47.0 39.0 58.4

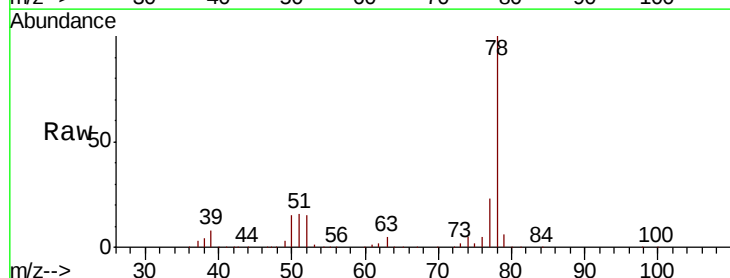


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

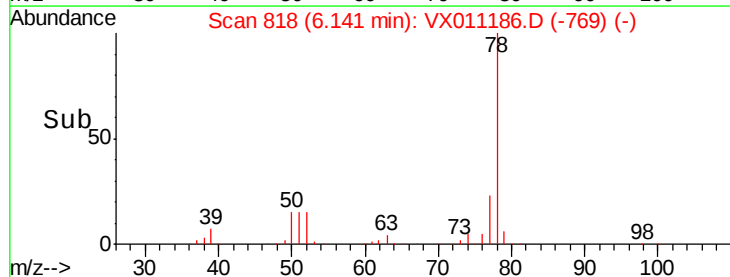
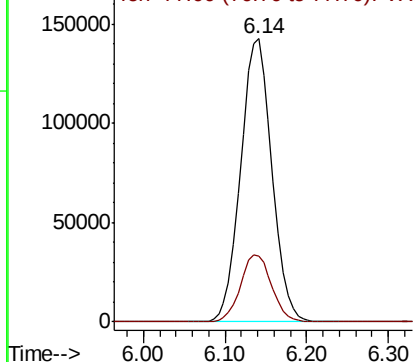


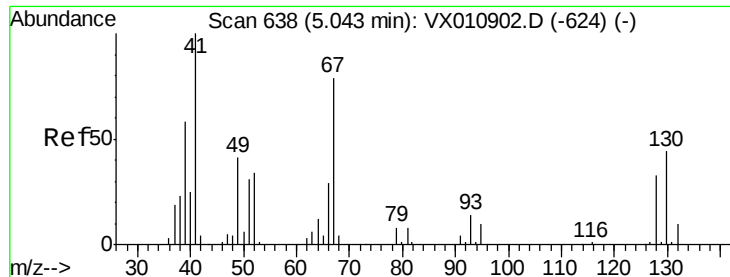
#40
Benzene
Concen: 56.375 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 78 Resp: 378491
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



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

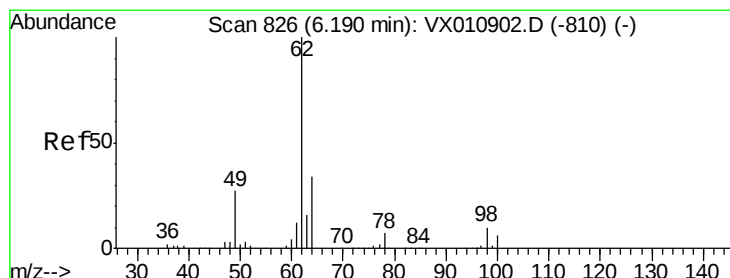
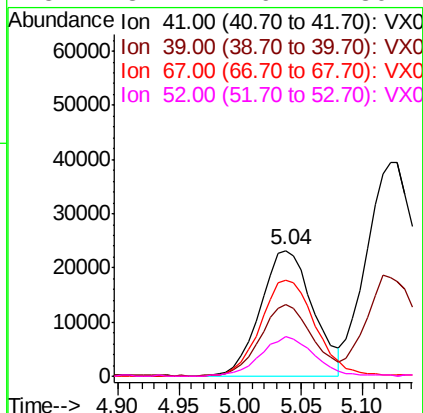
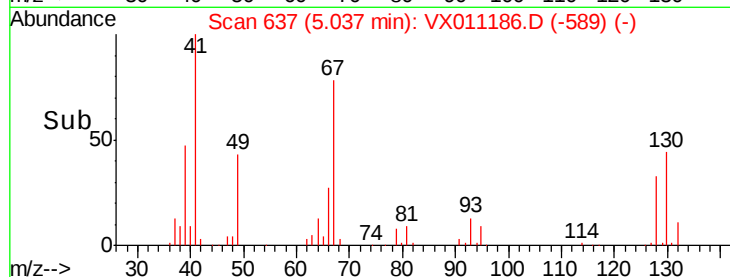
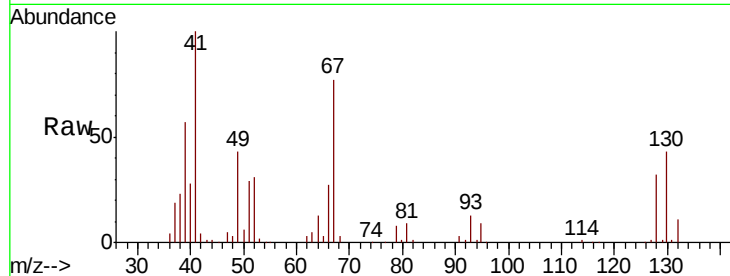




#41
Methacrylonitrile
Concen: 54.337 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

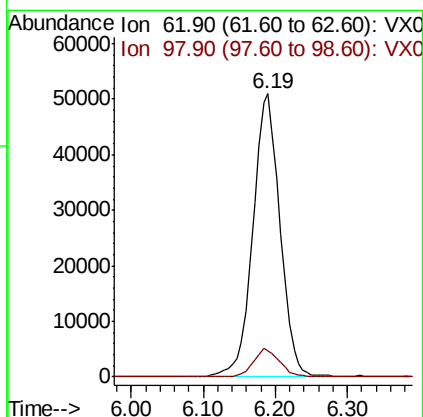
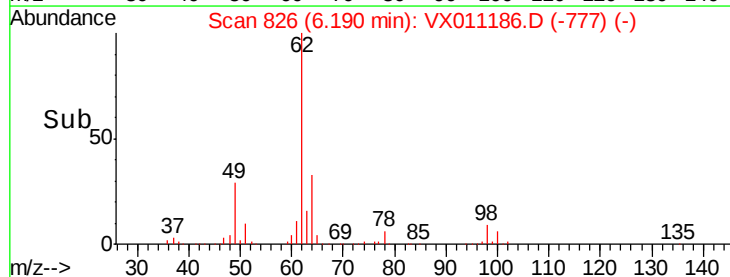
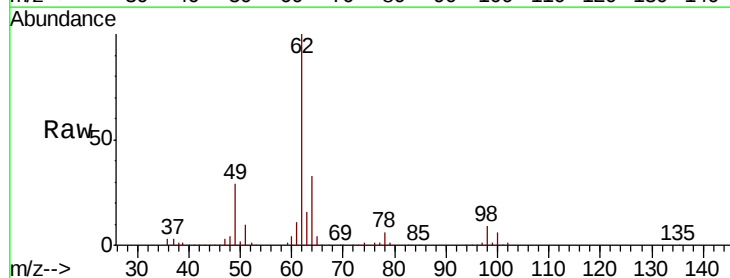
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

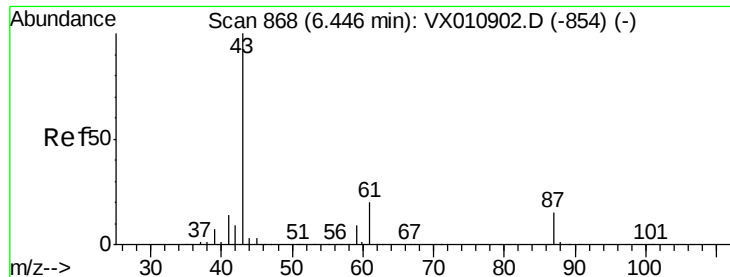
Tgt Ion:	41	Resp:	69227
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.4	68.2
67	80.2	65.9	98.9
52	31.2	26.2	39.2



#42
1,2-Dichloroethane
Concen: 57.182 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion:	62	Resp:	133482
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0





#43

Isopropyl Acetate

Concen: 55.726 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

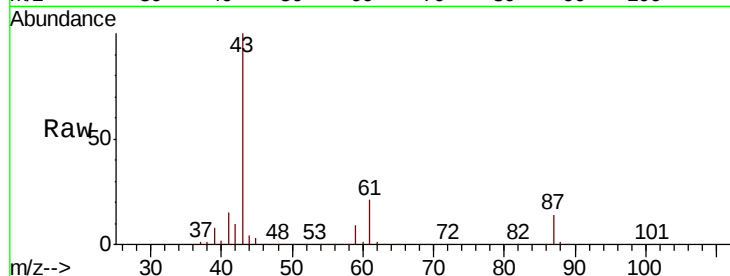
Tgt Ion: 43 Resp: 205644

Ion Ratio Lower Upper

43 100

61 20.6 17.1 25.7

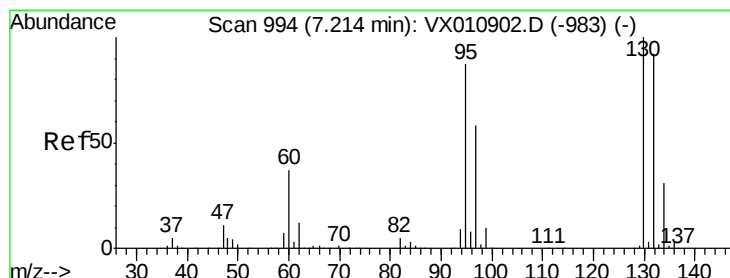
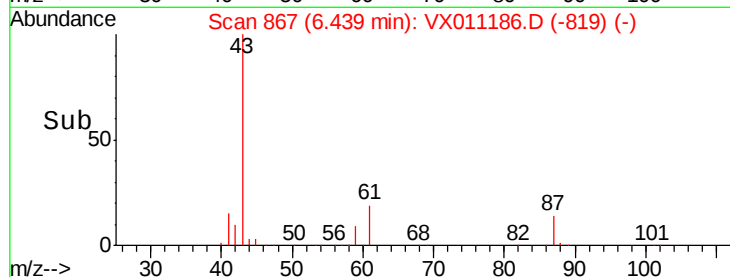
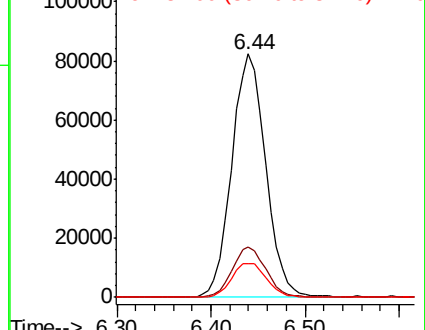
87 14.7 12.0 18.0



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: 55.513 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX011186.D

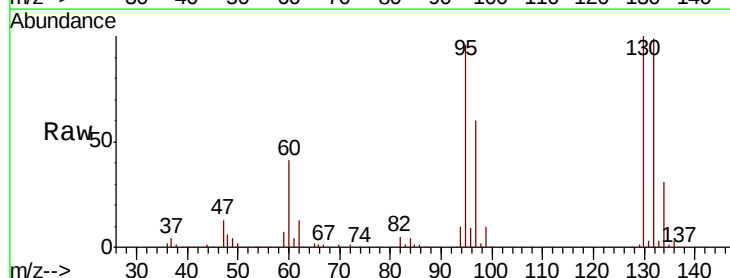
Acq: 30 Jul 2019 11:20

Tgt Ion: 130 Resp: 110321

Ion Ratio Lower Upper

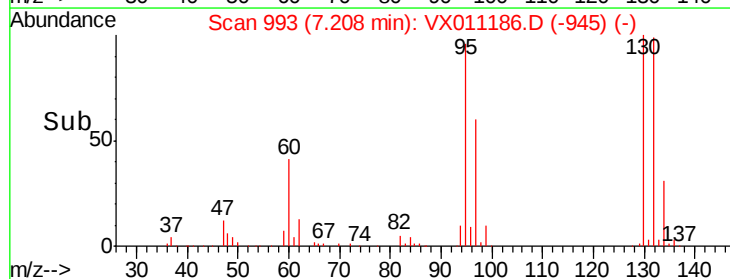
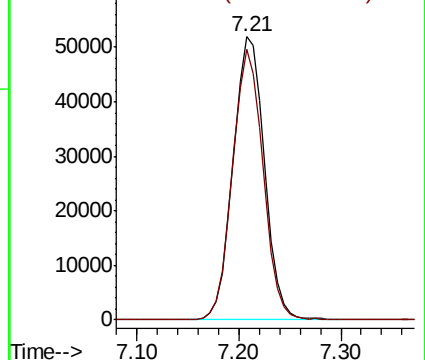
130 100

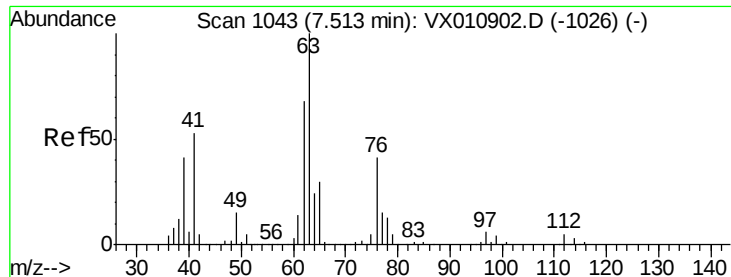
95 95.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 56.654 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

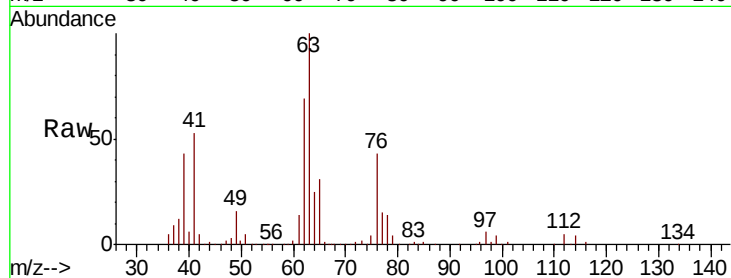
VSTDCCC050

Tgt Ion: 63 Resp: 96810

Ion Ratio Lower Upper

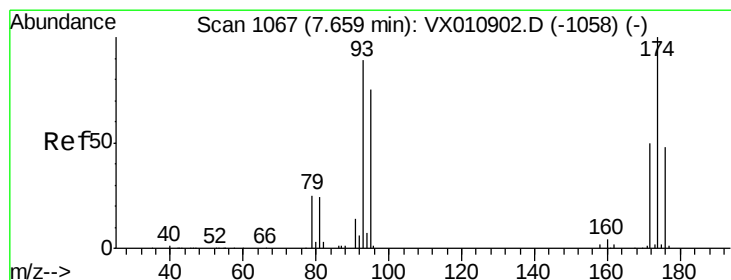
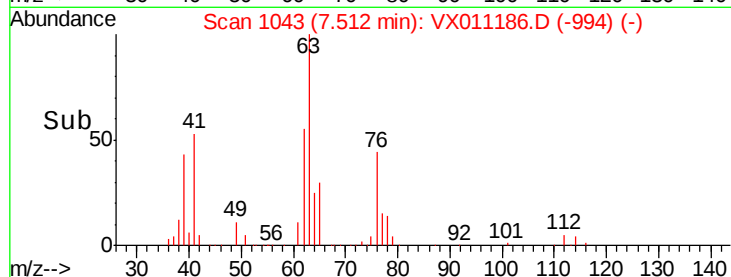
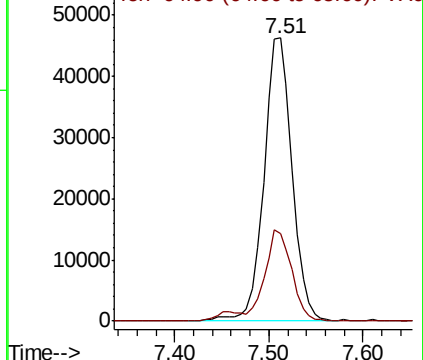
63 100

65 30.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 57.708 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

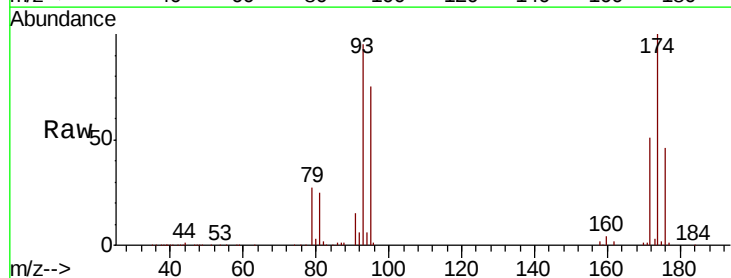
Tgt Ion: 93 Resp: 70463

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

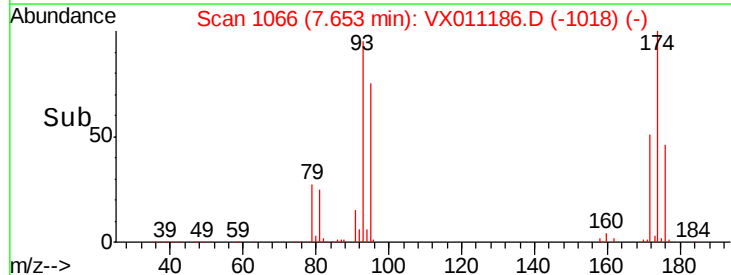
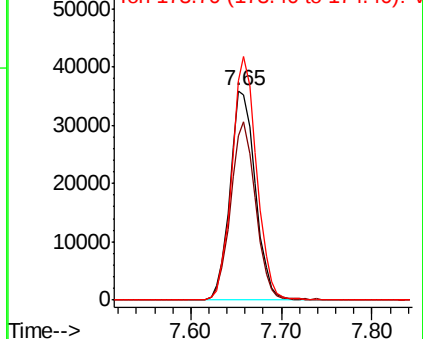
174 113.4 90.6 135.8

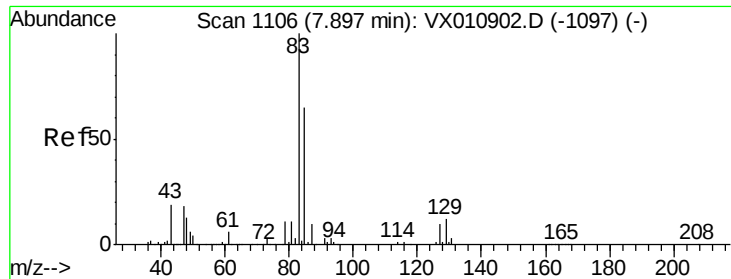


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 60.022 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

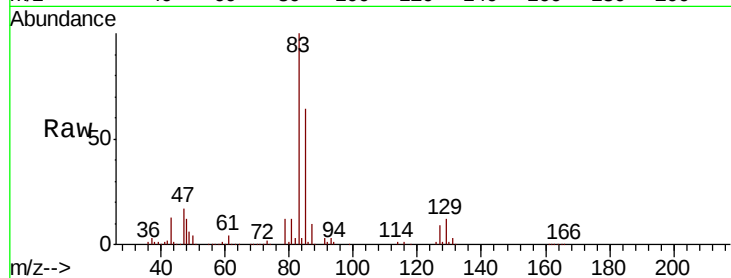
Tgt Ion: 83 Resp: 130460

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

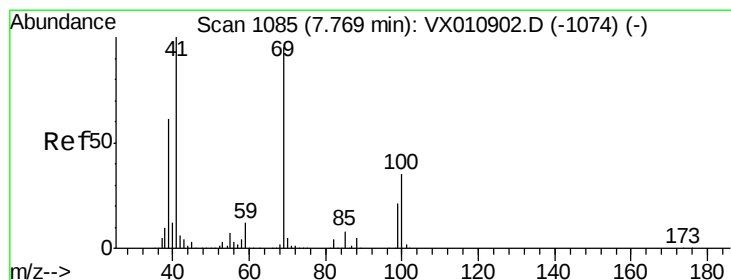
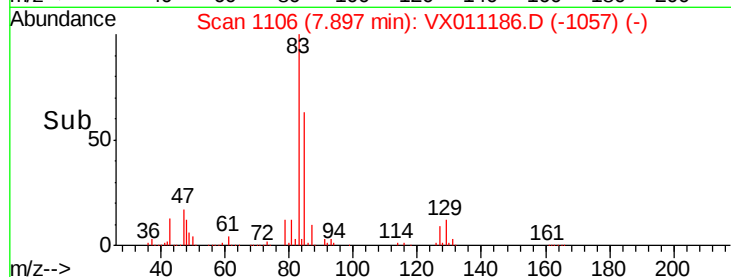
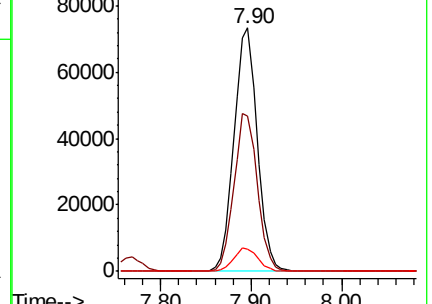
127 9.0 7.8 11.8



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: 56.890 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

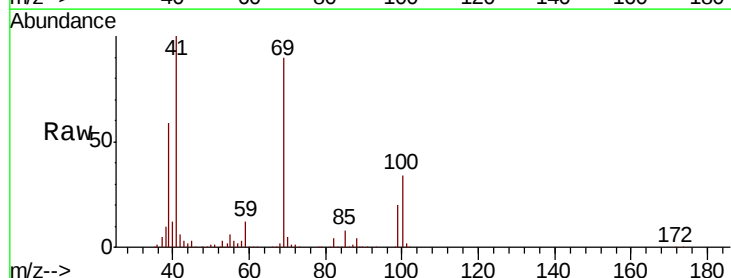
Tgt Ion: 41 Resp: 102272

Ion Ratio Lower Upper

41 100

69 89.6 74.4 111.6

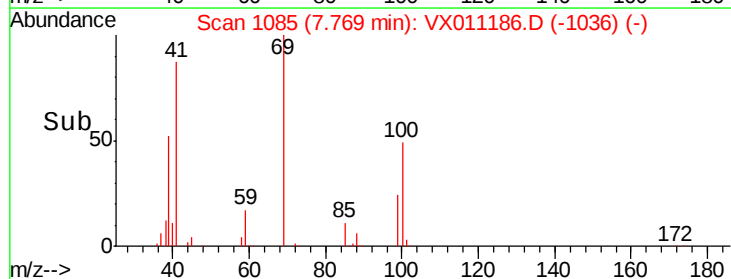
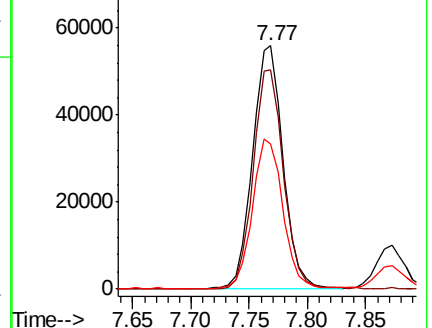
39 61.1 48.9 73.3

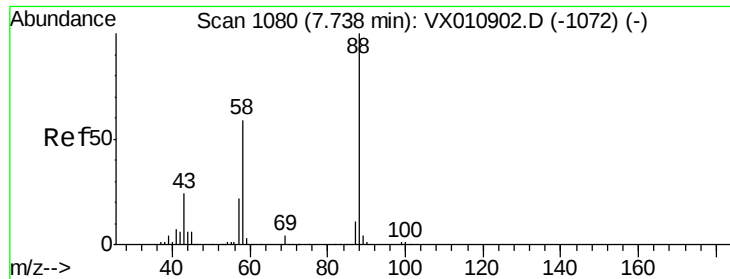


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

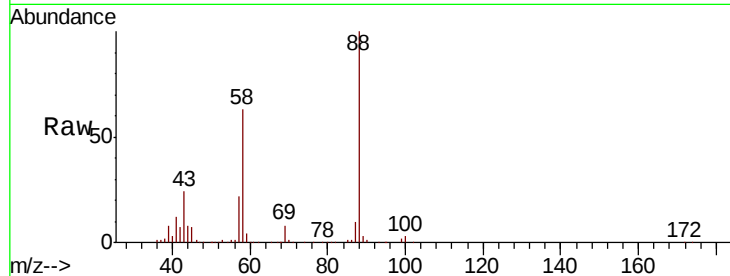




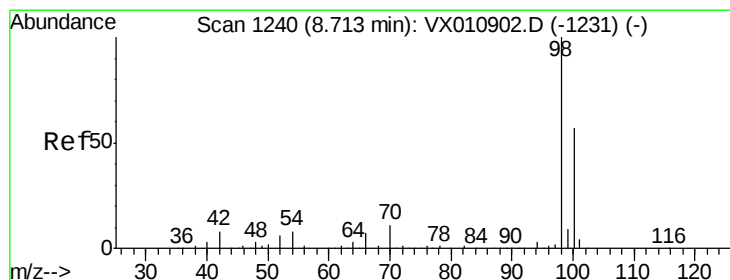
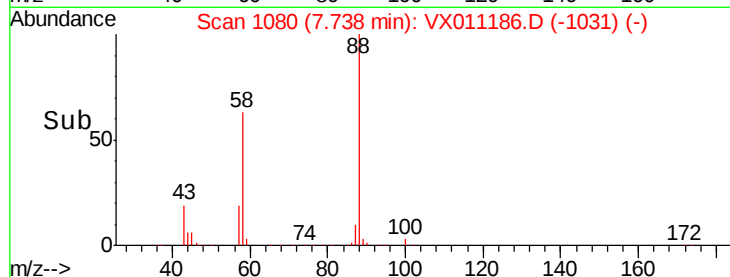
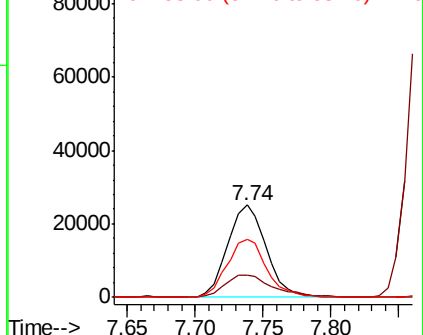
#49
1,4-Dioxane
Concen: 986.665 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 49616
Ion Ratio Lower Upper
88 100
43 29.7 22.9 34.3
58 64.6 49.8 74.8

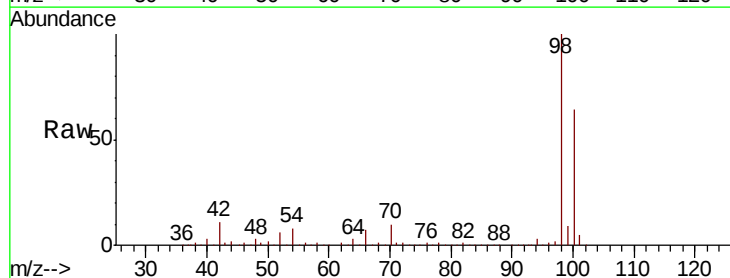


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

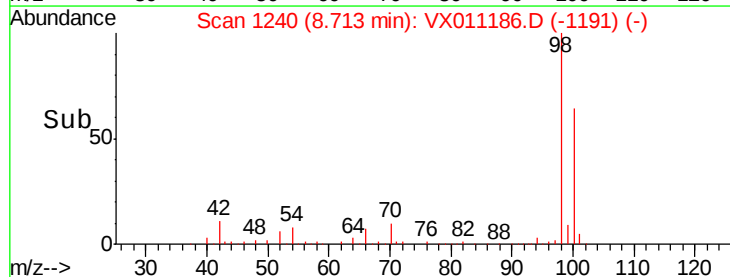
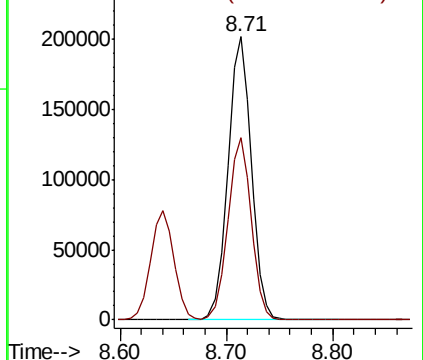


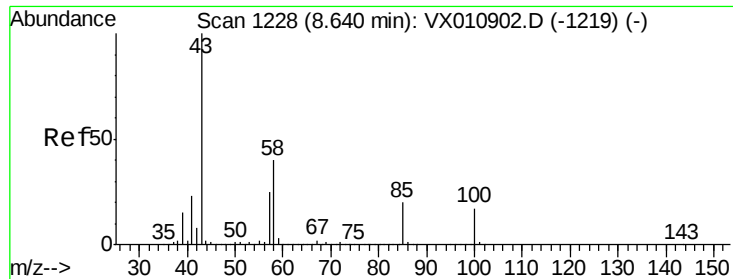
#50
Toluene-d8
Concen: 48.954 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 98 Resp: 310961
Ion Ratio Lower Upper
98 100
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

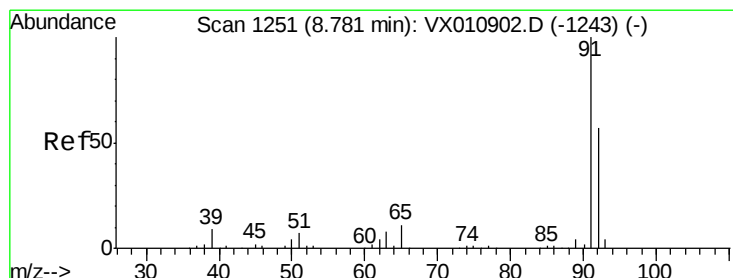
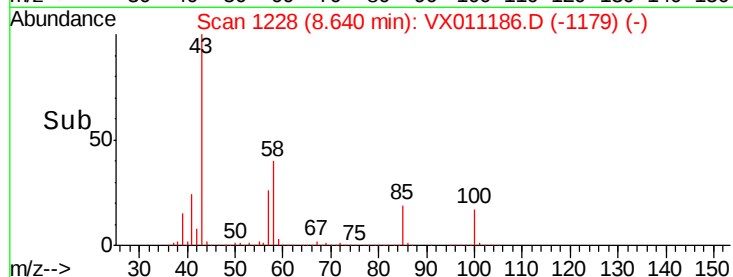
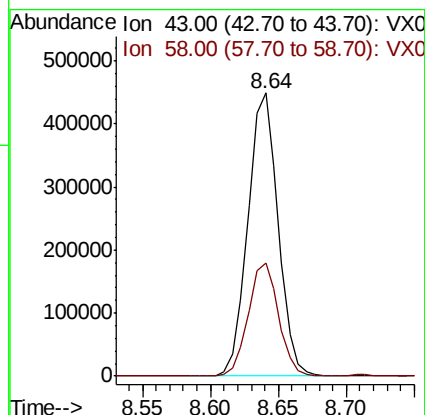
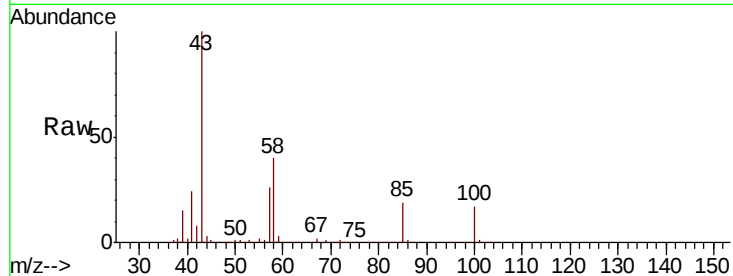




#51
 4-Methyl-2-Pentanone
 Concen: 292.315 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

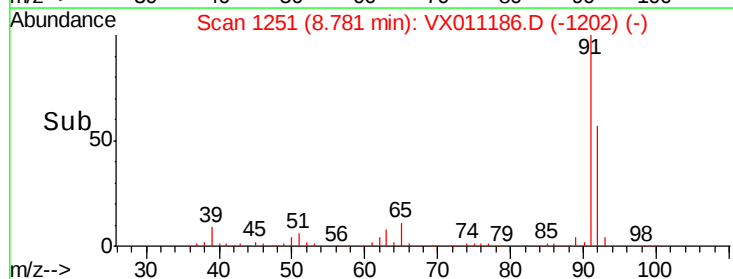
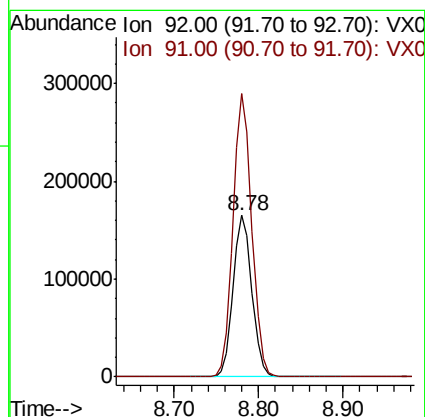
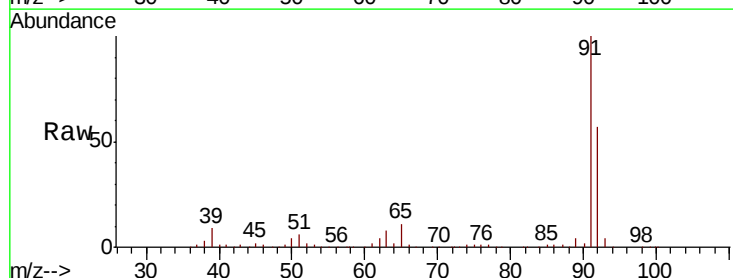
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

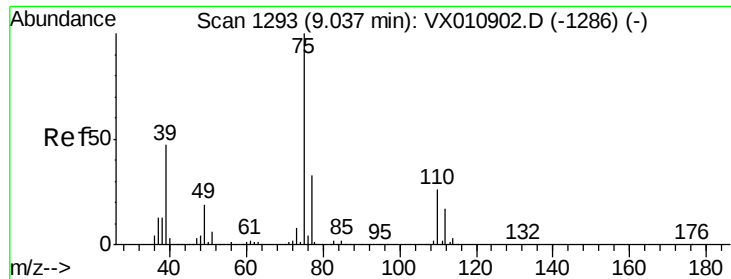
Tgt Ion: 43 Resp: 699272
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.4



#52
 Toluene
 Concen: 56.784 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 92 Resp: 250444
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 60.768 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

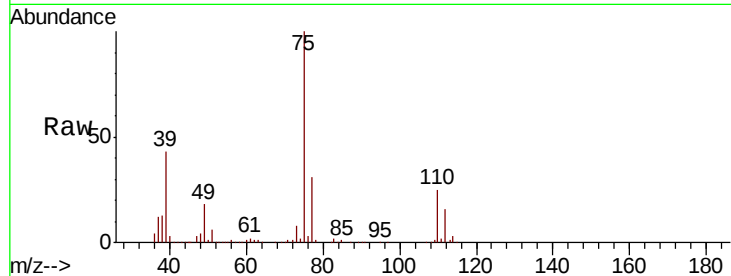
VSTDCCC050

Tgt Ion: 75 Resp: 142021

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

120000

100000

80000

60000

40000

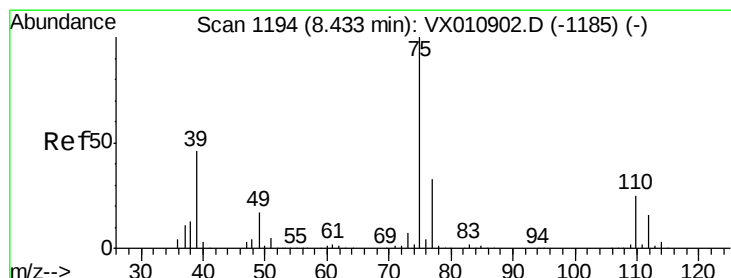
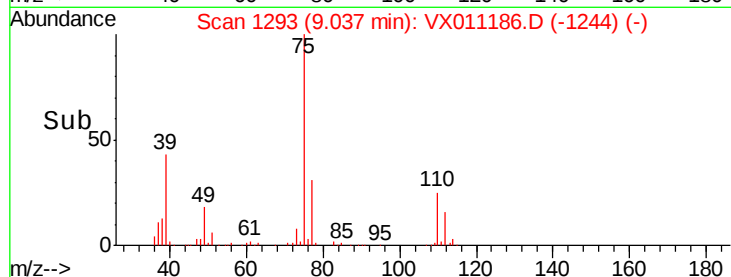
20000

0

9.04

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 59.639 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

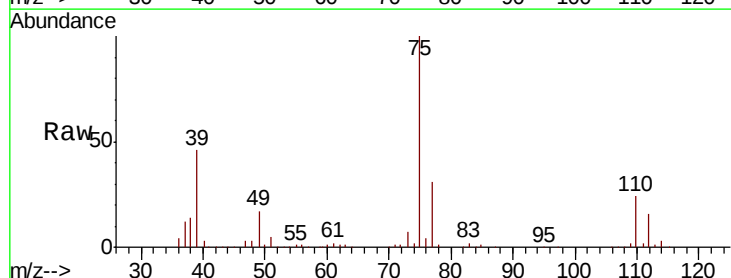
Tgt Ion: 75 Resp: 155098

Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

39 45.6 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

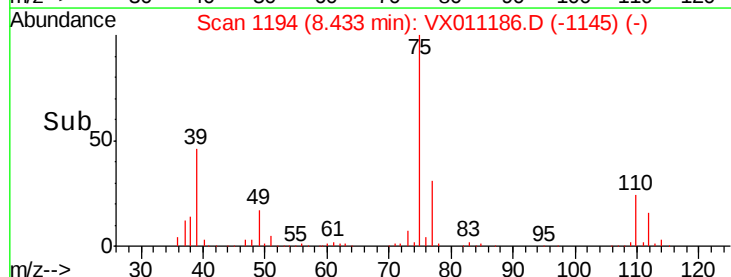
50000

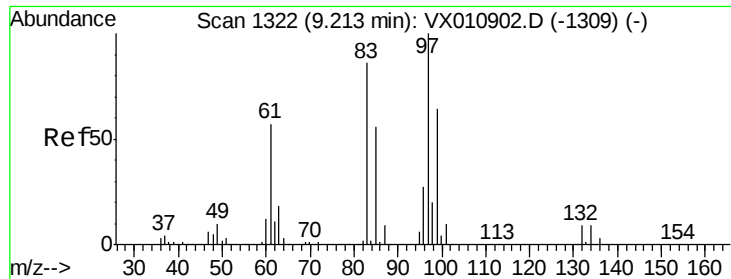
0

8.43

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 58.730 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 106654

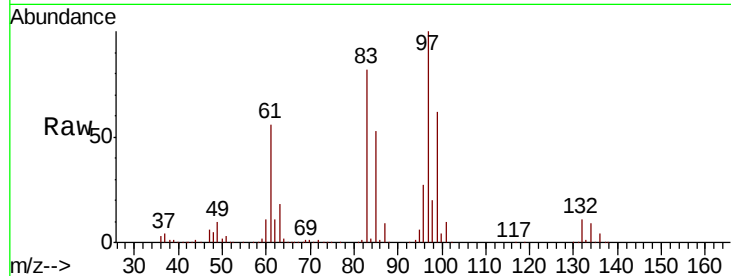
Ion Ratio Lower Upper

97 100

83 82.5 69.2 103.8

85 52.6 44.6 66.8

99 62.3 51.2 76.8

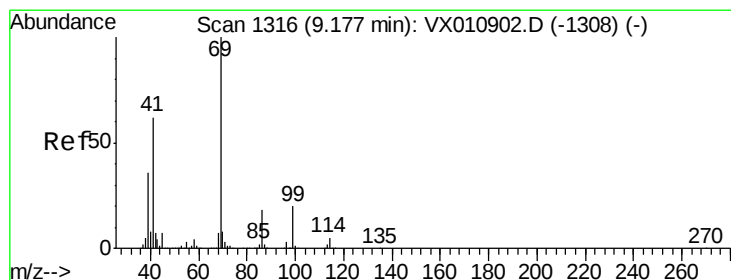
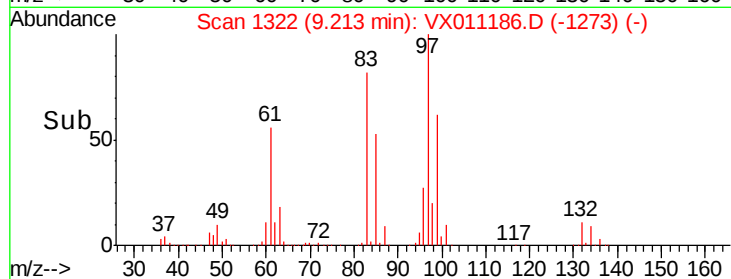
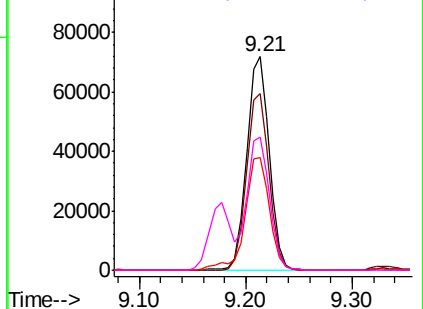


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 59.945 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

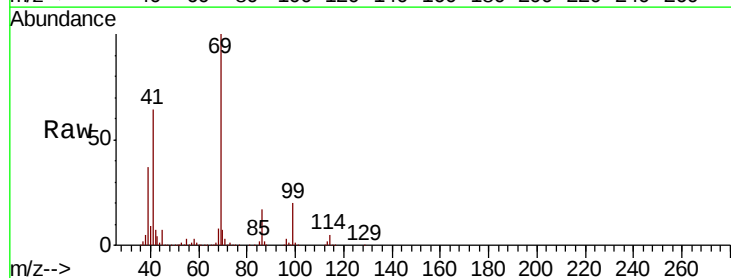
Tgt Ion: 69 Resp: 159237

Ion Ratio Lower Upper

69 100

41 62.8 49.7 74.5

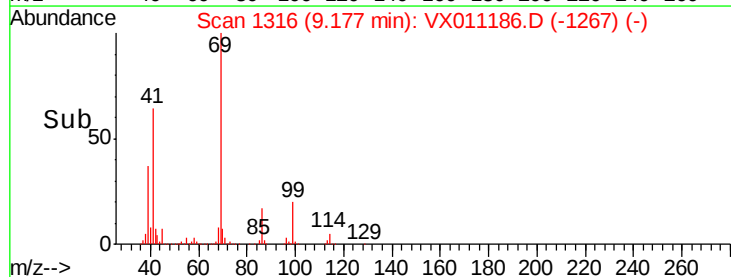
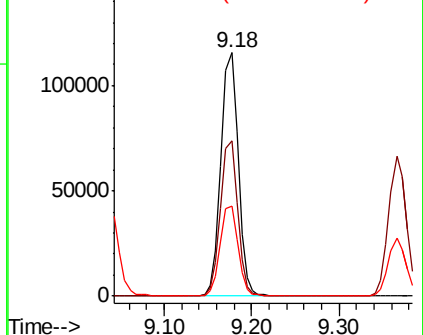
39 37.8 29.6 44.4

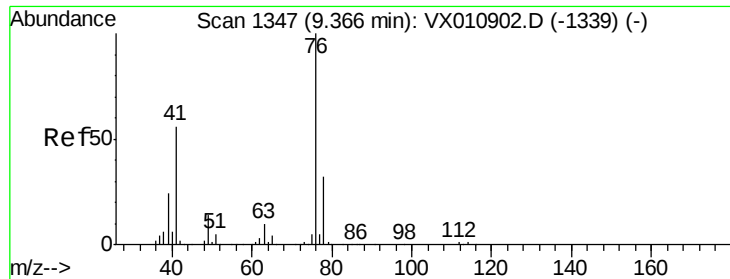


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 57.294 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

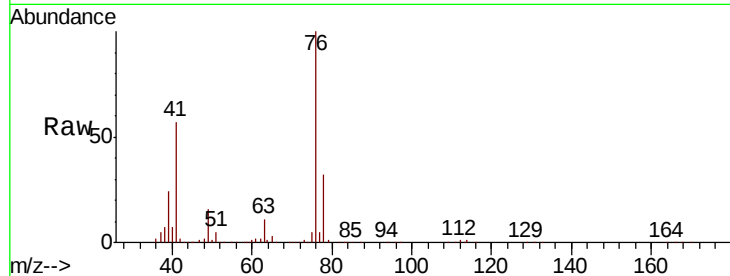
VSTDCCC050

Tgt Ion: 76 Resp: 165054

Ion Ratio Lower Upper

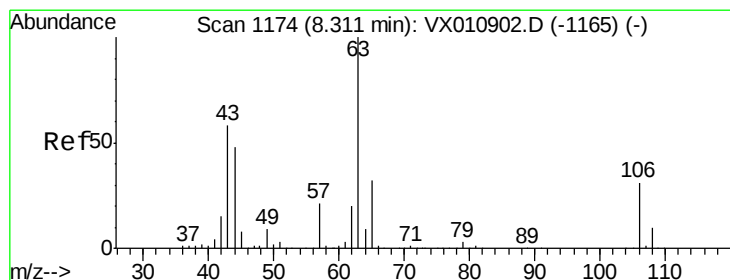
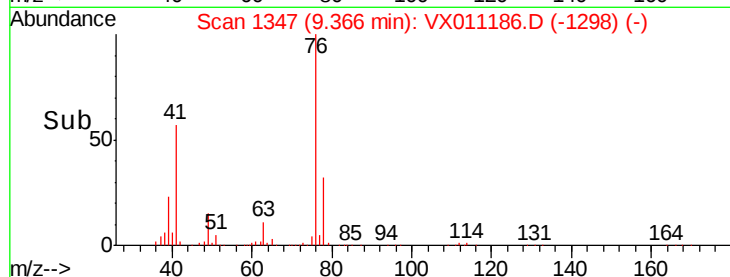
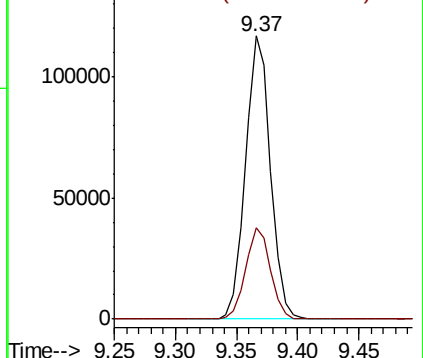
76 100

78 32.4 25.6 38.4



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: 313.054 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011186.D

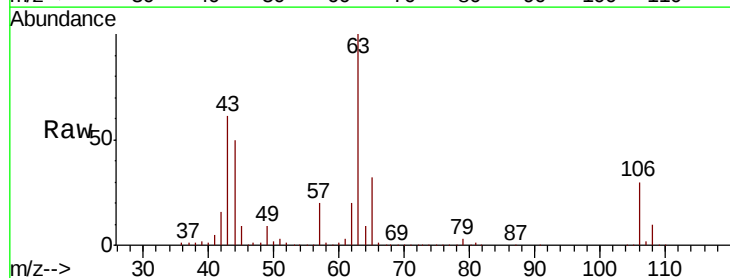
Acq: 30 Jul 2019 11:20

Tgt Ion: 63 Resp: 396967

Ion Ratio Lower Upper

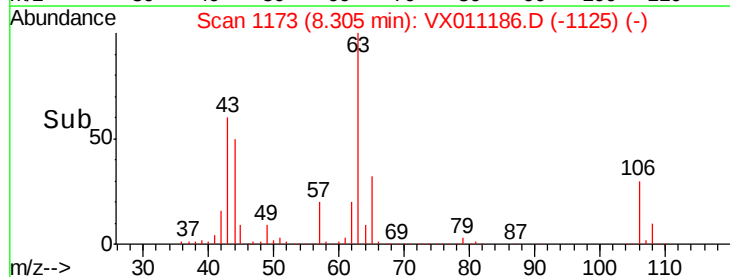
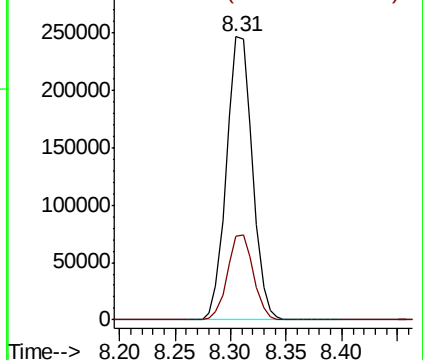
63 100

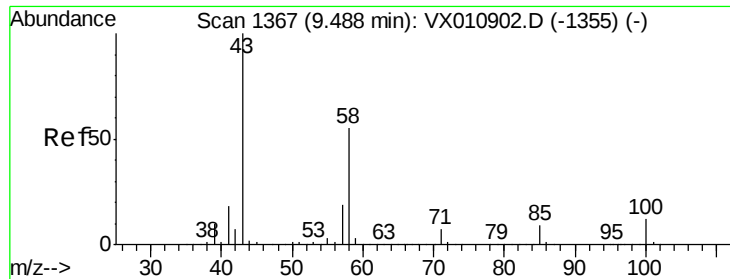
106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

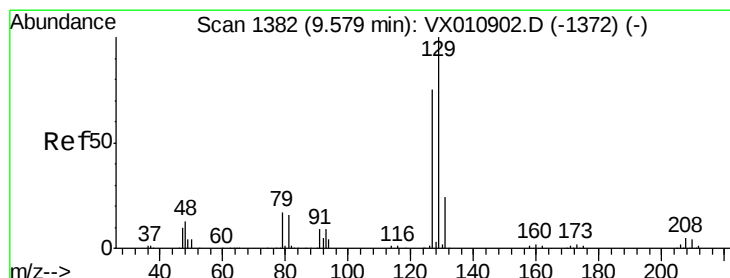
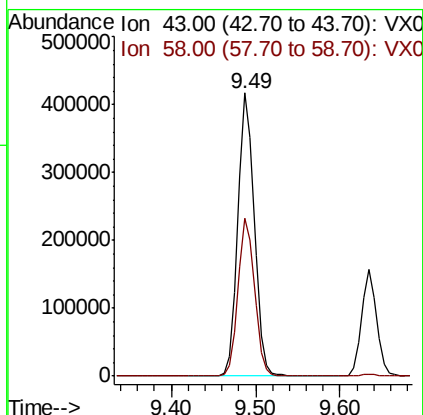
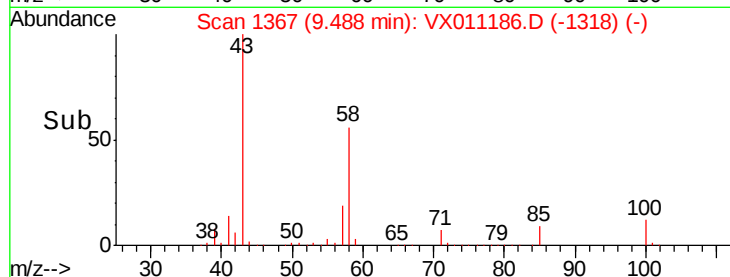
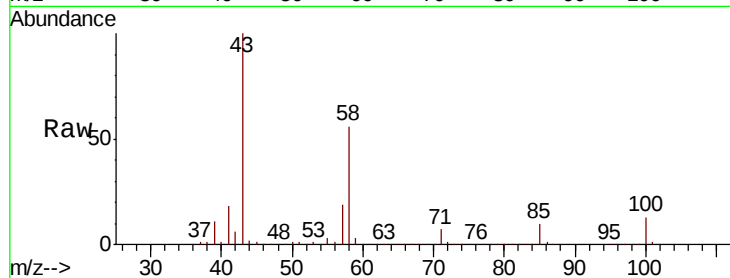




#59
2-Hexanone
Concen: 293.750 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

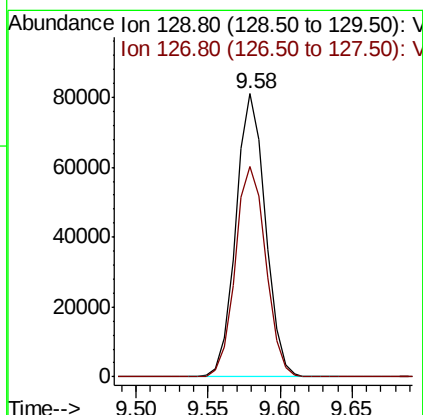
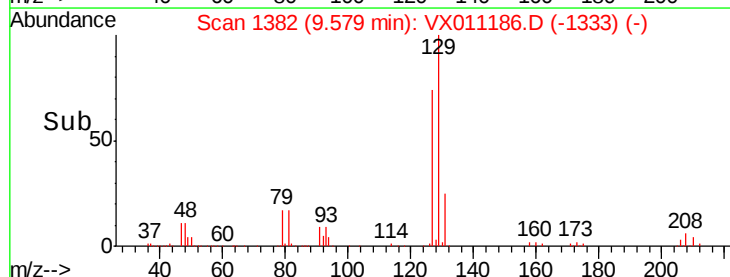
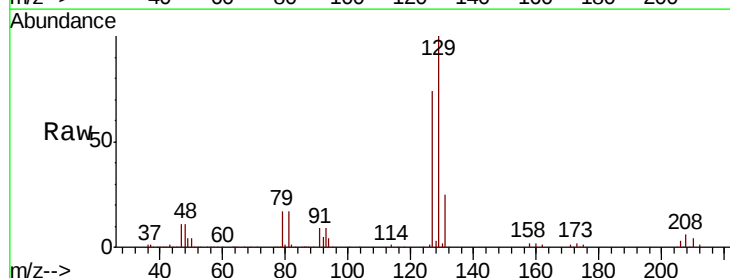
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

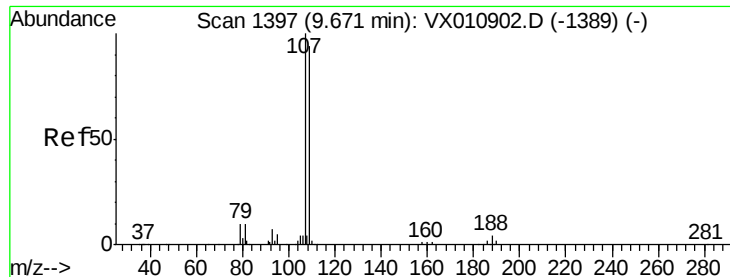
Tgt Ion: 43 Resp: 545030
Ion Ratio Lower Upper
43 100
58 55.8 28.0 83.9



#60
Dibromochloromethane
Concen: 55.192 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 129 Resp: 115928
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 58.759 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

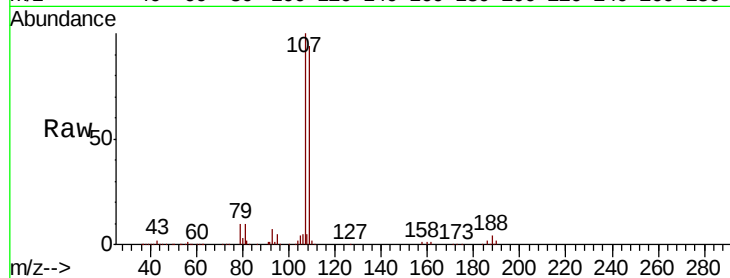
VSTDCCC050

Tgt Ion: 107 Resp: 113243

Ion Ratio Lower Upper

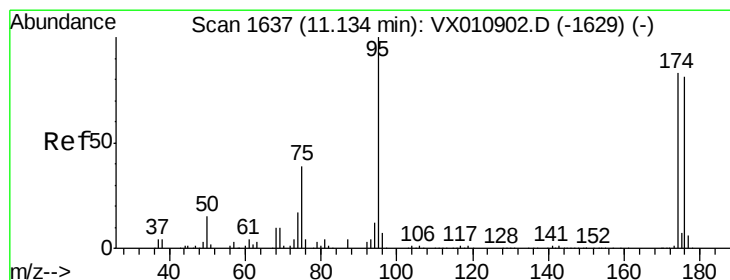
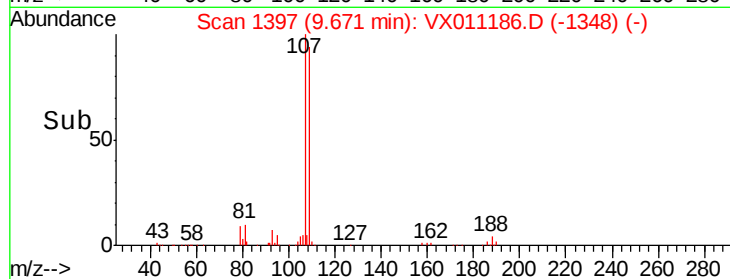
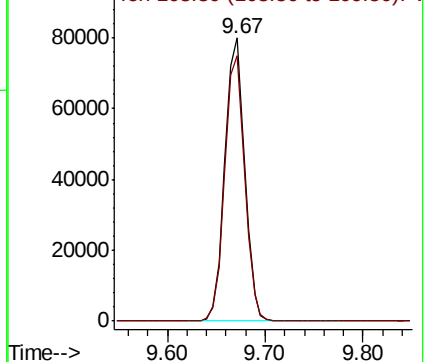
107 100

109 94.5 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: 52.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

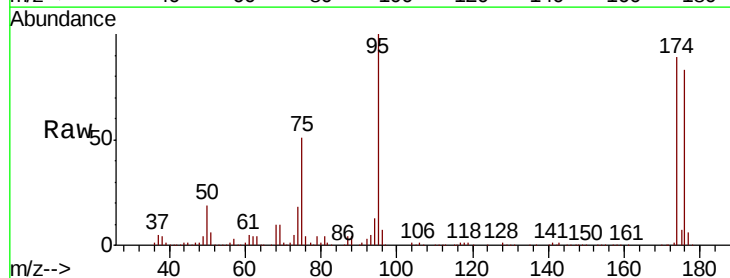
Tgt Ion: 95 Resp: 122185

Ion Ratio Lower Upper

95 100

174 92.0 0.0 180.6

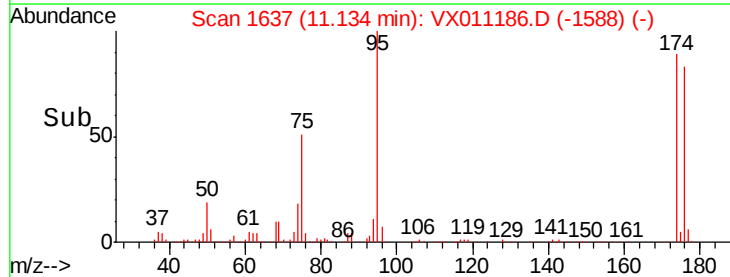
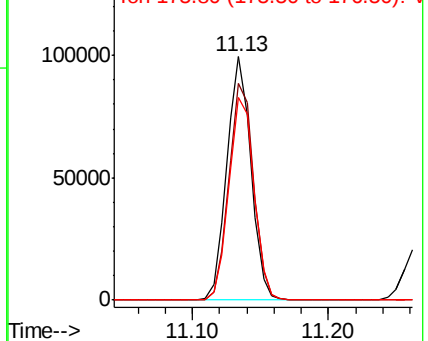
176 87.4 0.0 173.8

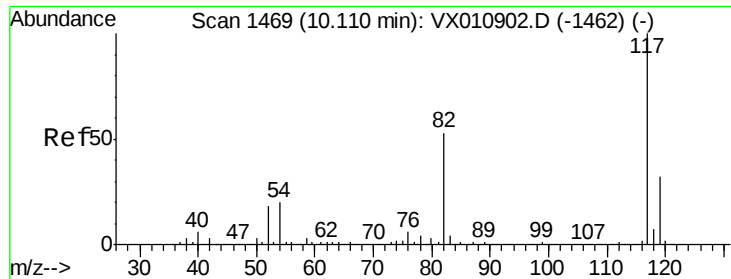


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

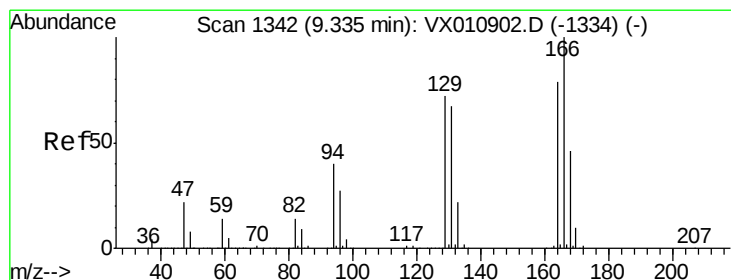
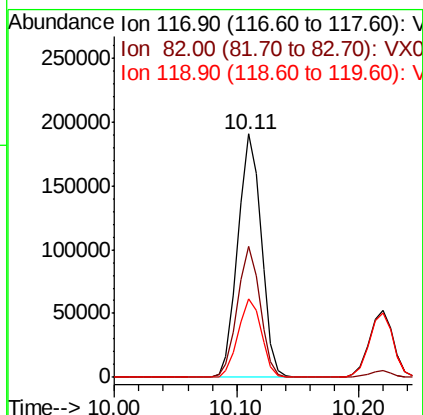
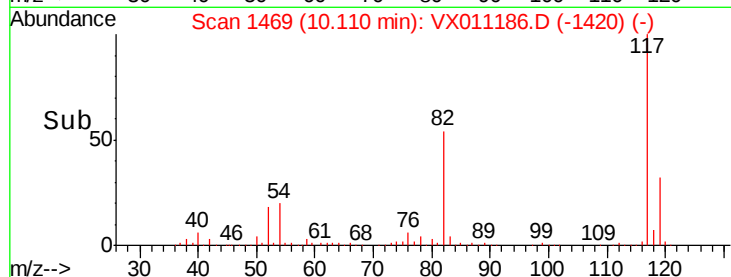
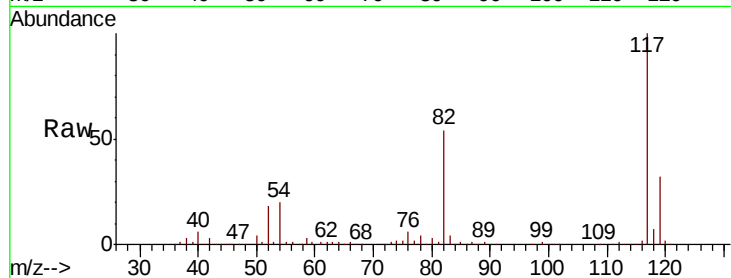




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

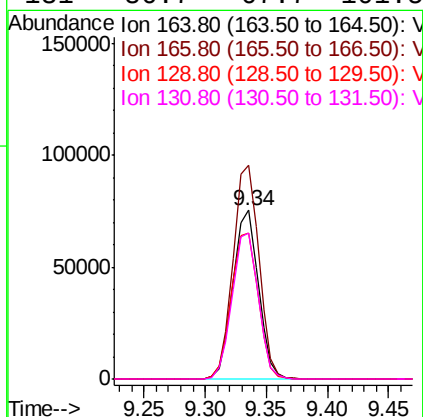
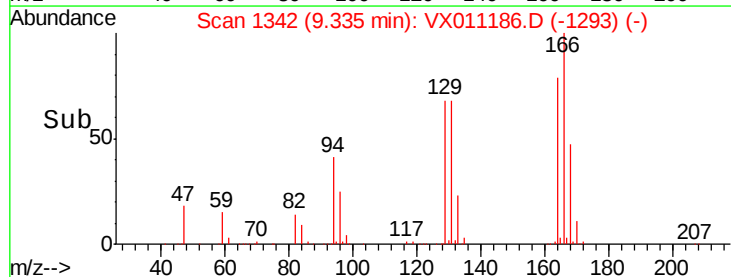
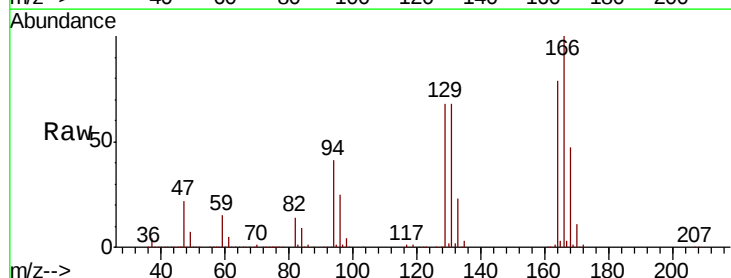
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

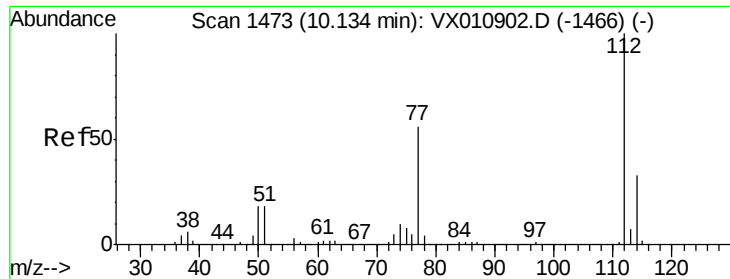
Tgt Ion:117 Resp: 253041
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 54.519 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion:164 Resp: 108528
Ion Ratio Lower Upper
164 100
166 126.8 100.8 151.2
129 86.4 72.6 109.0
131 86.7 67.7 101.5

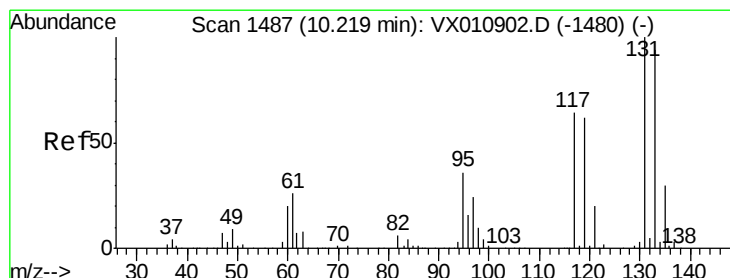
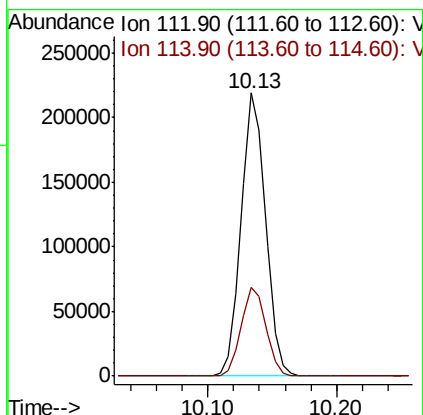
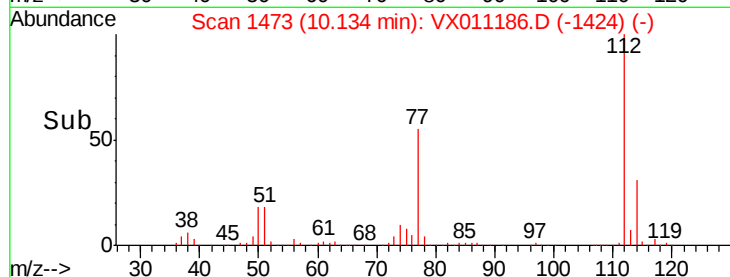
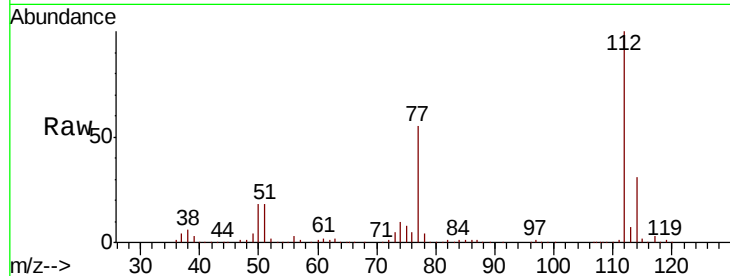




#65
Chlorobenzene
Concen: 55.312 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

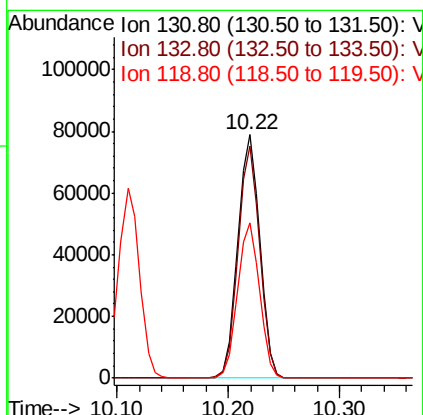
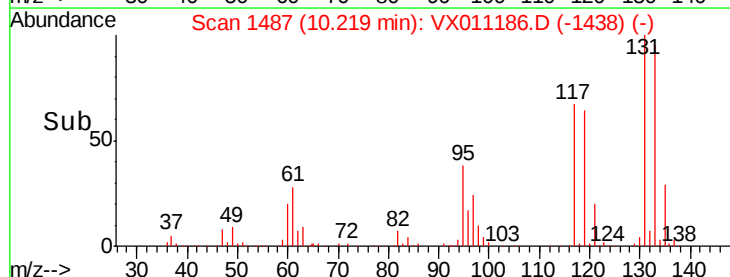
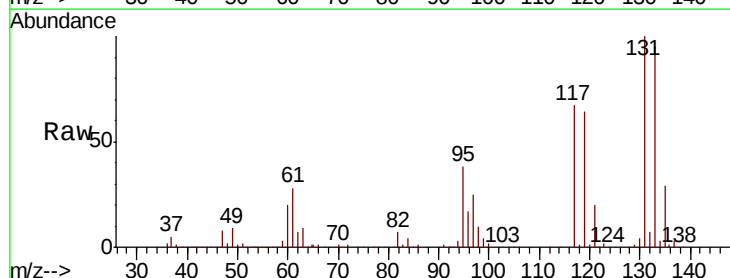
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

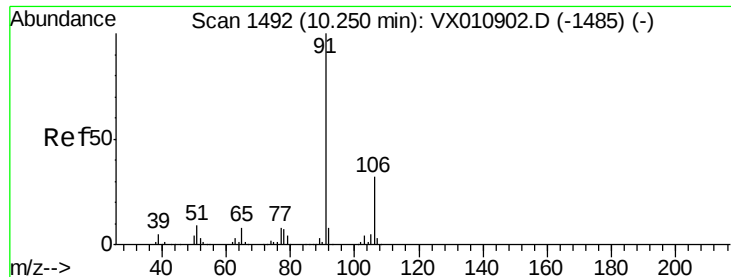
Tgt Ion:112 Resp: 287472
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 59.053 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion:131 Resp: 107866
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 63.8 31.9 95.7

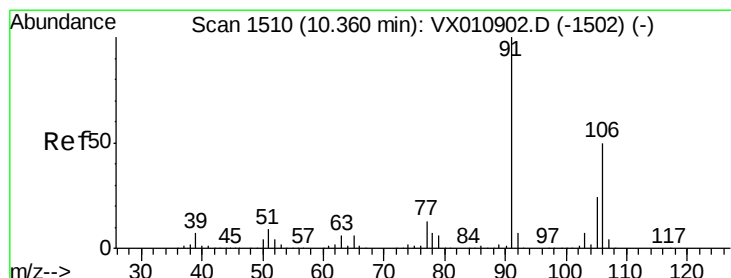
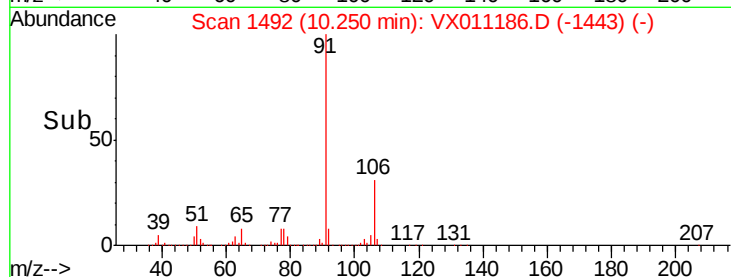
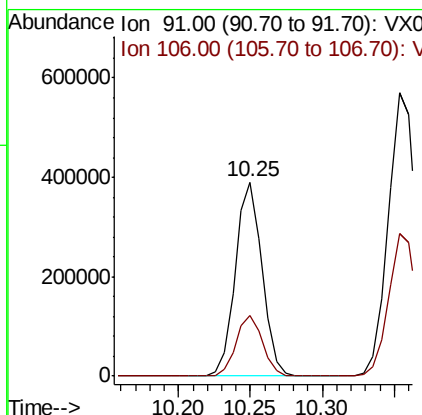
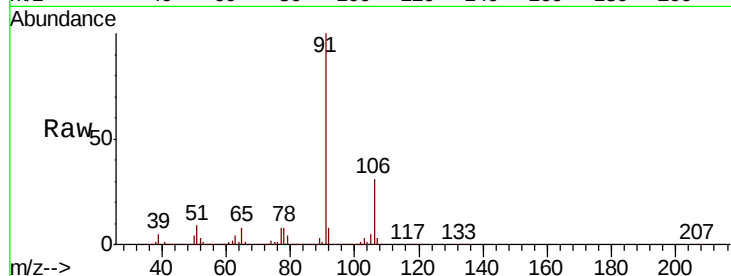




#67
Ethyl Benzene
Concen: 57.081 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

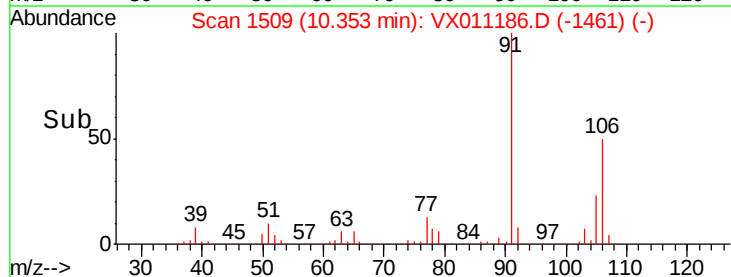
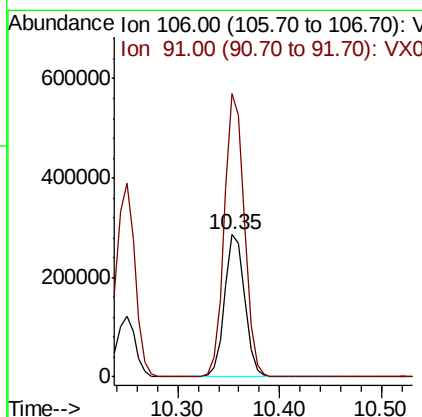
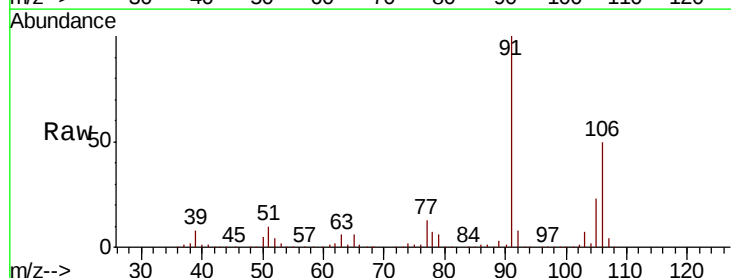
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

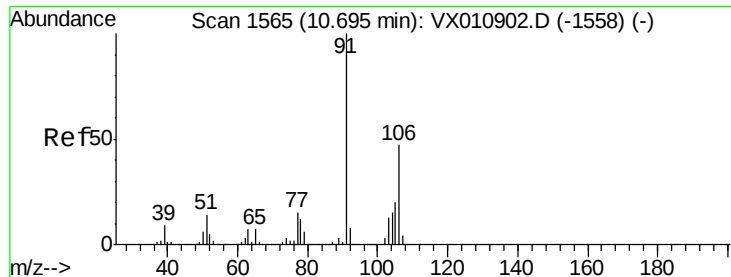
Tgt Ion: 91 Resp: 504960
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 115.060 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 106 Resp: 390444
Ion Ratio Lower Upper
106 100
91 198.5 160.1 240.1

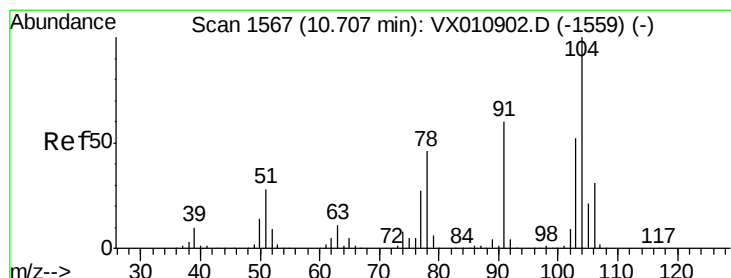
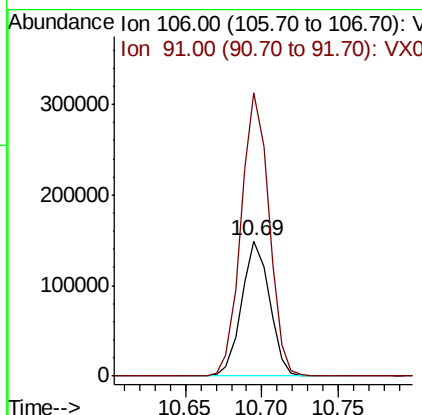
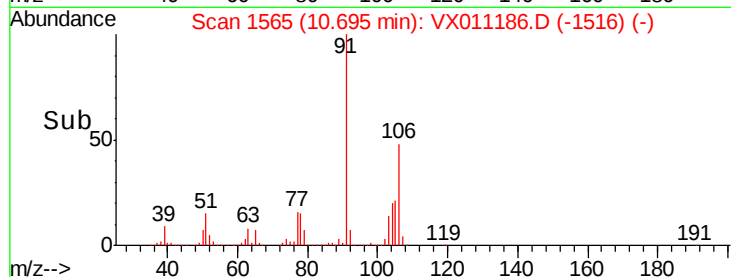
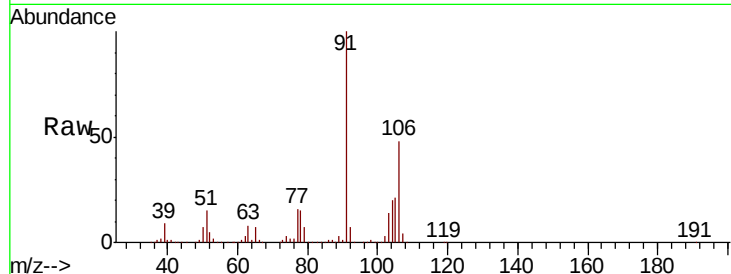




#69
o-Xylene
Concen: 56.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

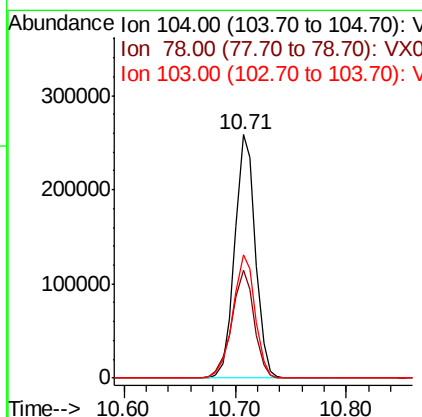
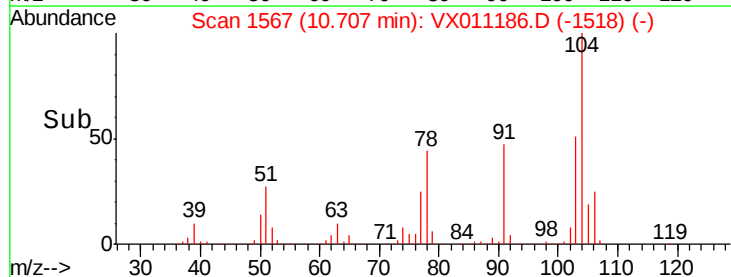
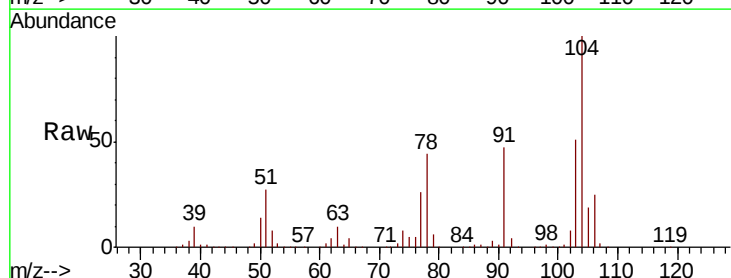
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

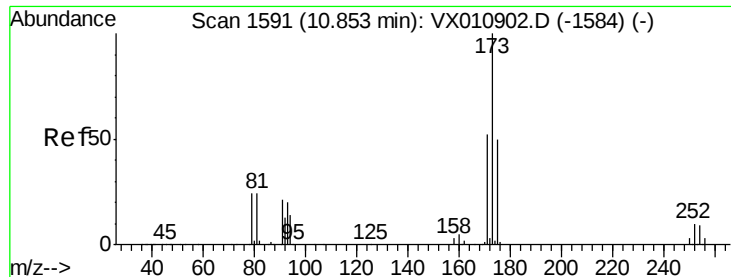
Tgt Ion:106 Resp: 188707
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3



#70
Styrene
Concen: 59.978 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion:104 Resp: 331123
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 54.7 44.2 66.4





#71

Bromoform

Concen: 52.212 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

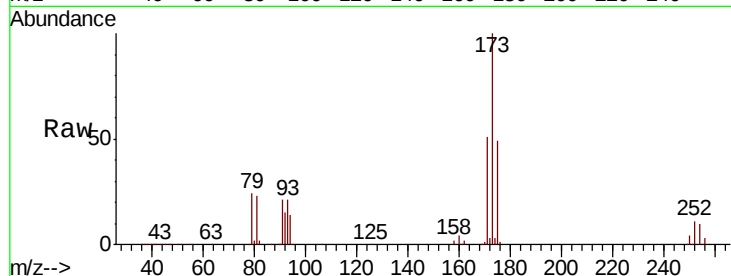
Tgt Ion:173 Resp: 87034

Ion Ratio Lower Upper

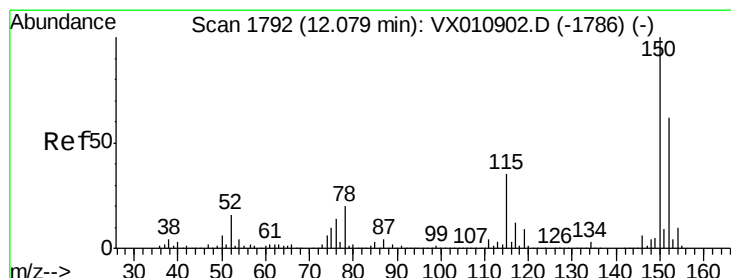
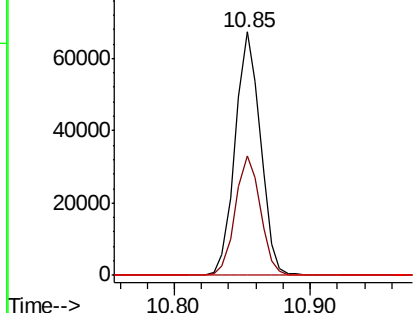
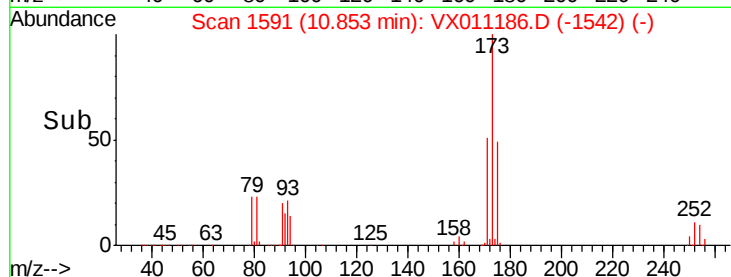
173 100

175 49.0 24.6 73.6

254 0.3 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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

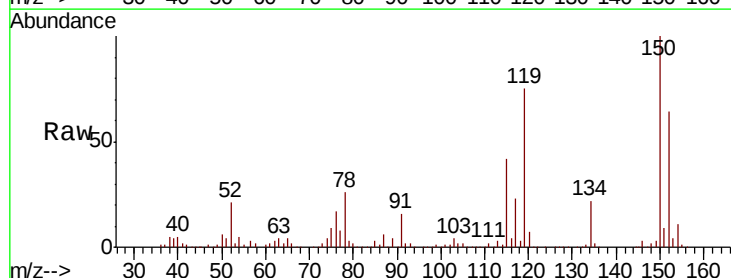
Tgt Ion:152 Resp: 143048

Ion Ratio Lower Upper

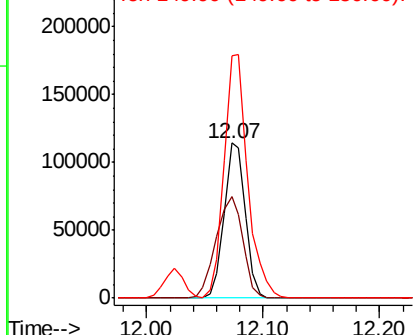
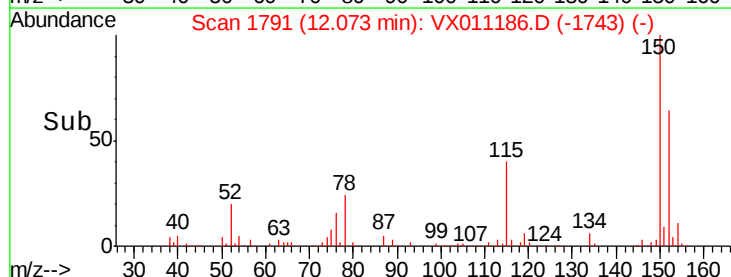
152 100

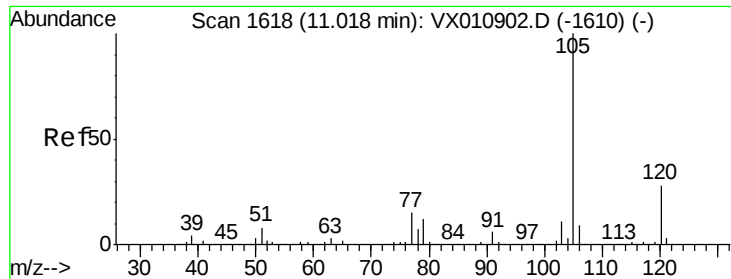
115 82.6 39.7 119.1

150 175.4 0.0 345.6



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





#73

Isopropylbenzene

Concen: 53.858 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

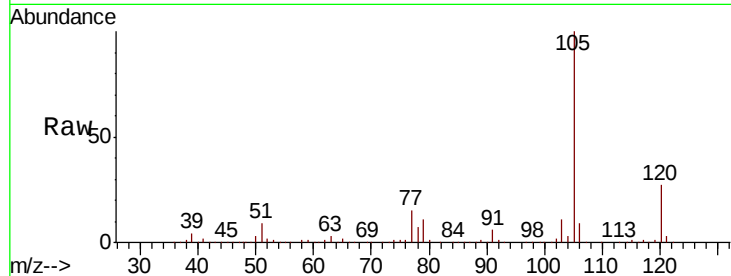
VSTDCCC050

Tgt Ion: 105 Resp: 520576

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

300000

200000

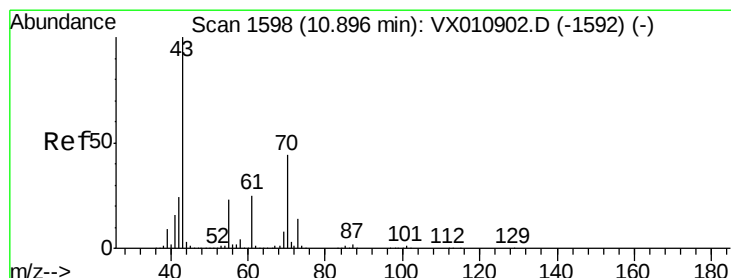
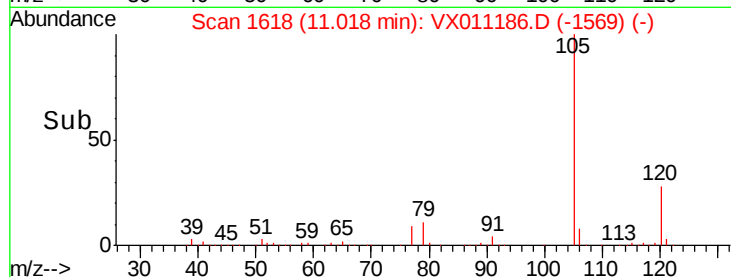
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 53.273 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Tgt Ion: 43 Resp: 196747

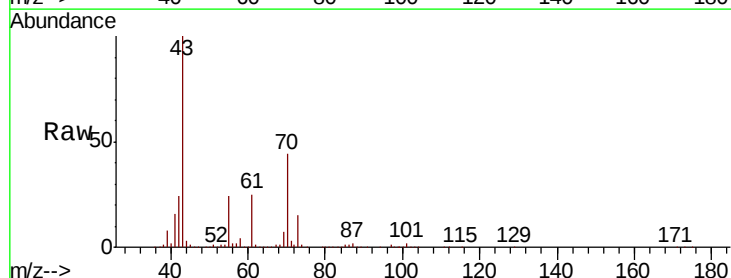
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 24.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

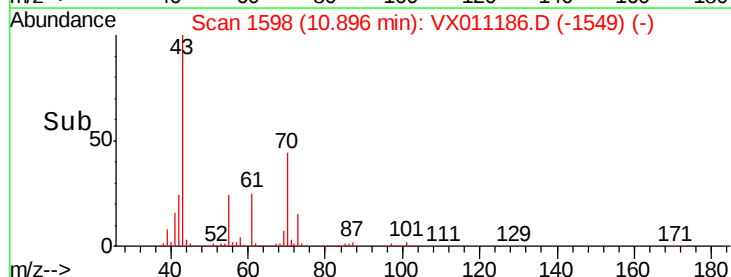
0

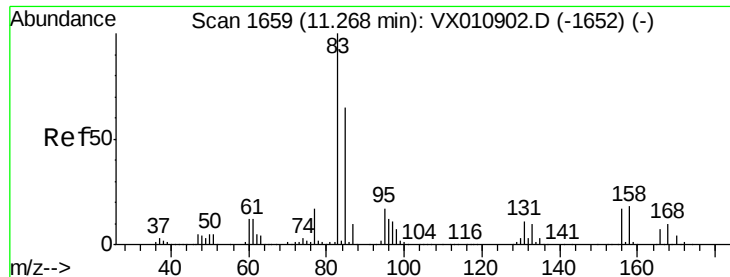
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 53.092 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

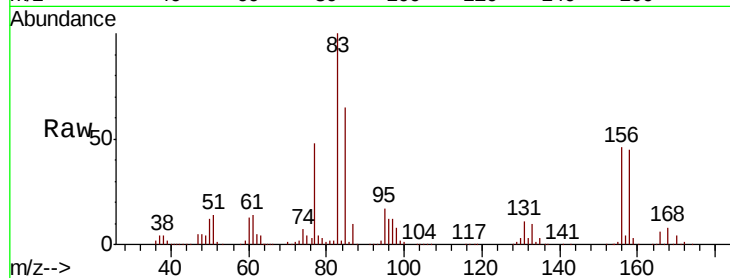
Tgt Ion: 83 Resp: 167938

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

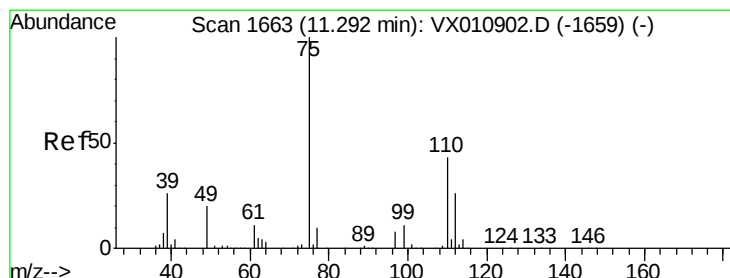
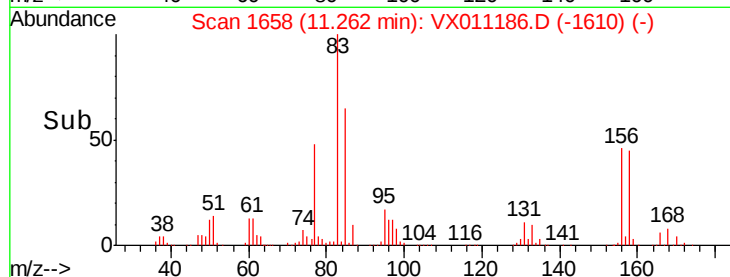
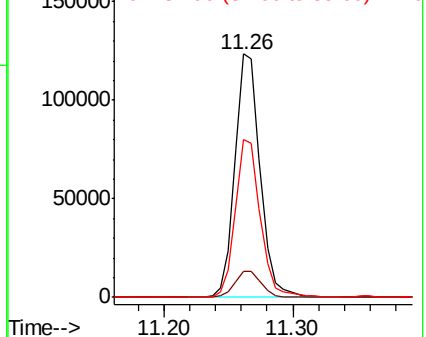
85 64.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.800 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011186.D

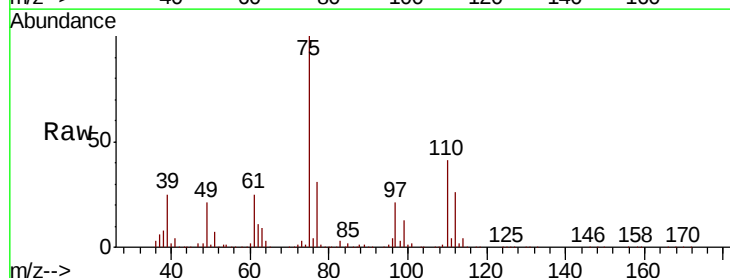
Acq: 30 Jul 2019 11:20

Tgt Ion: 75 Resp: 182762

Ion Ratio Lower Upper

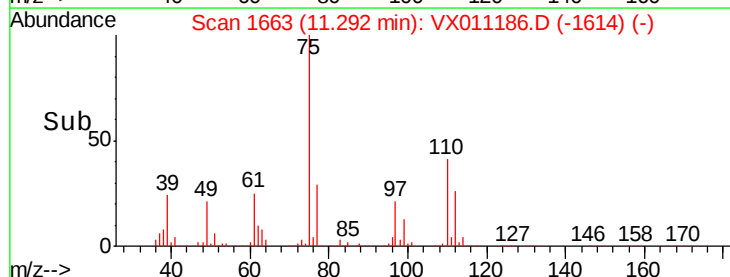
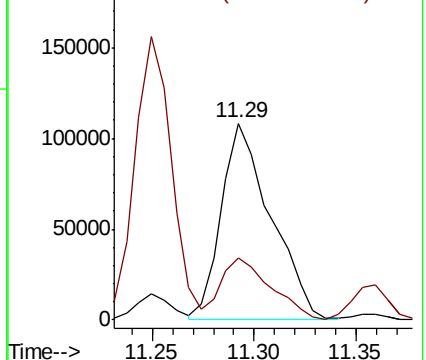
75 100

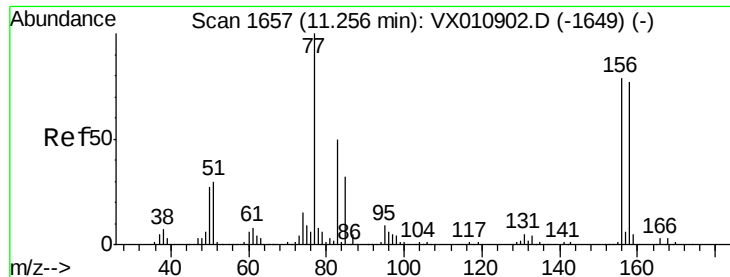
77 31.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.181 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

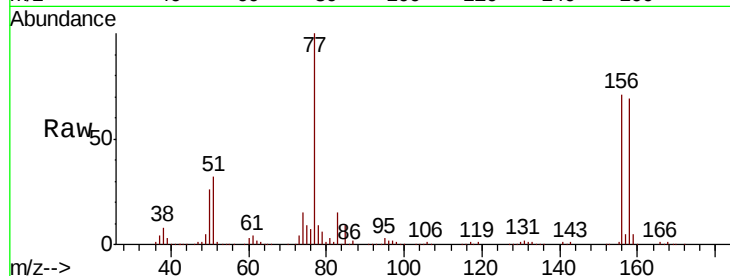
Tgt Ion:156 Resp: 141789

Ion Ratio Lower Upper

156 100

77 137.9 68.7 206.1

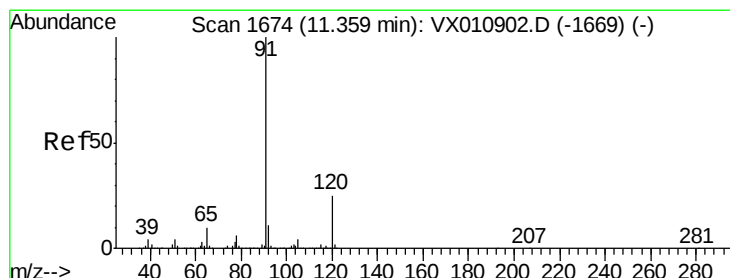
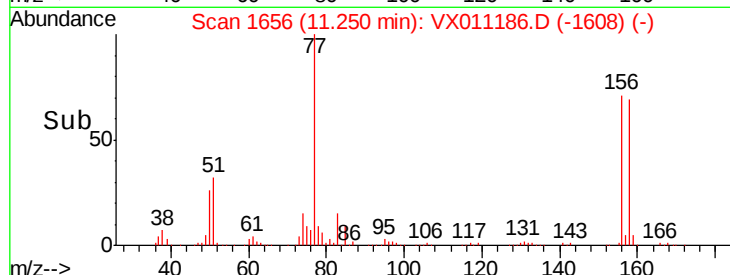
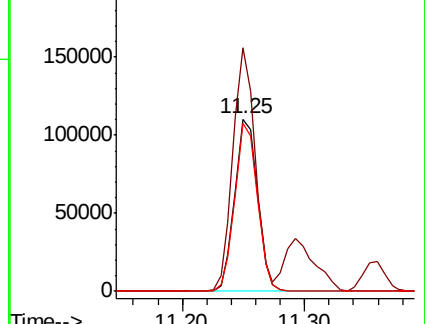
158 96.5 47.9 143.7



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: 55.602 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011186.D

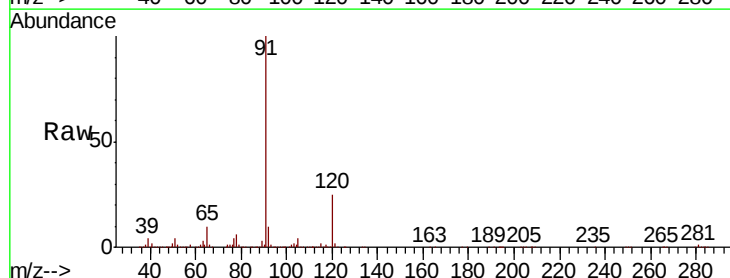
Acq: 30 Jul 2019 11:20

Tgt Ion: 91 Resp: 593818

Ion Ratio Lower Upper

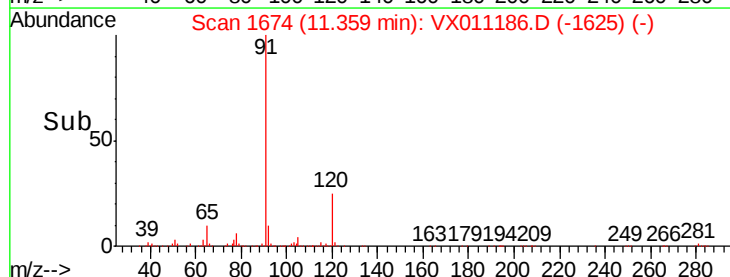
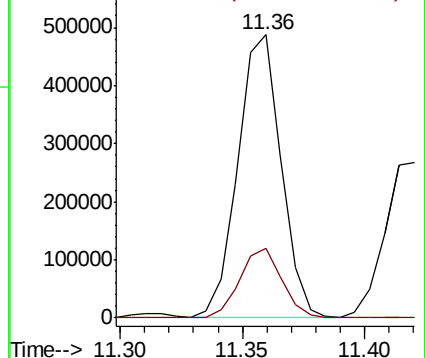
91 100

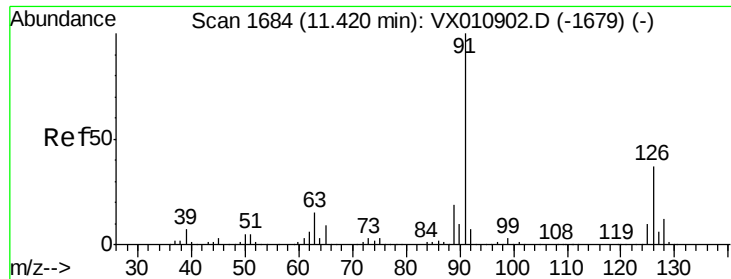
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

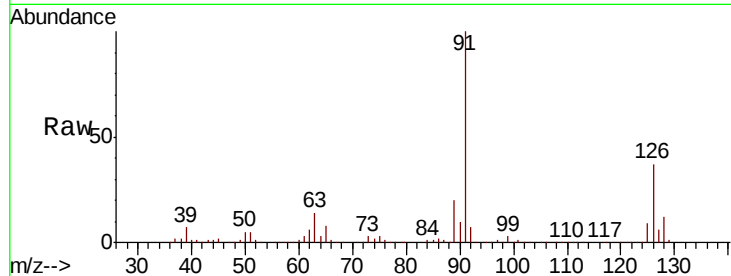




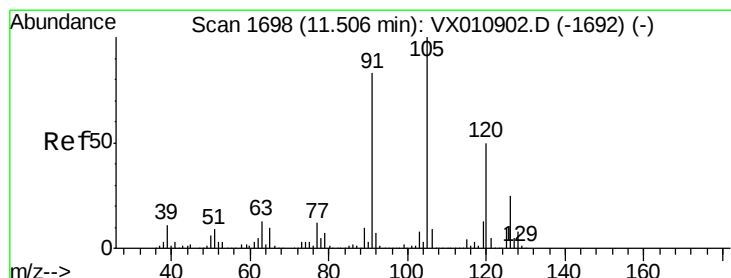
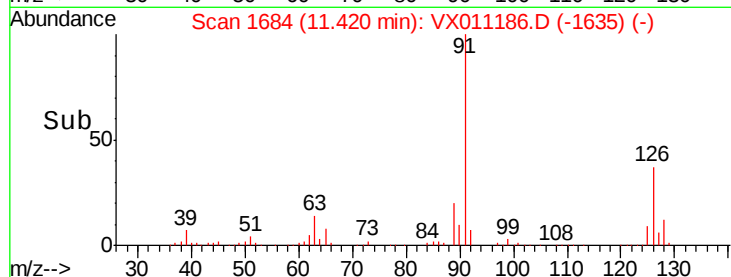
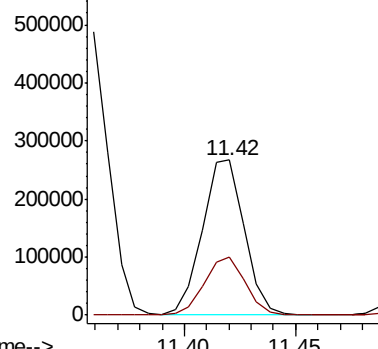
#79
 2-Chlorotoluene
 Concen: 54.332 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 348573
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.0 54.0

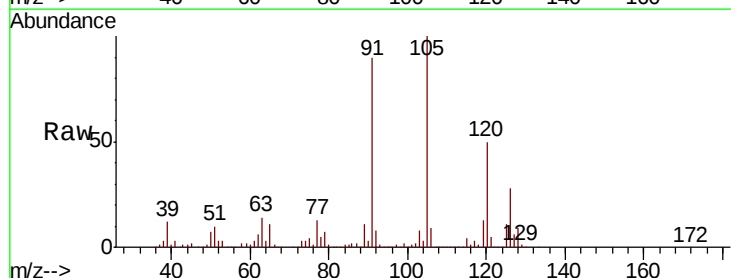


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

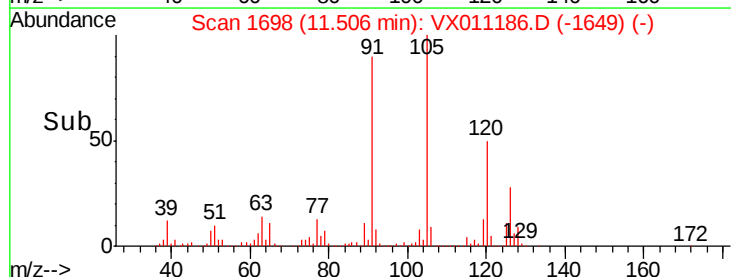
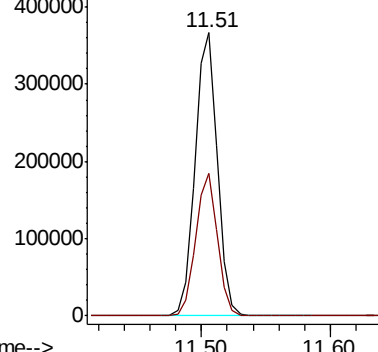


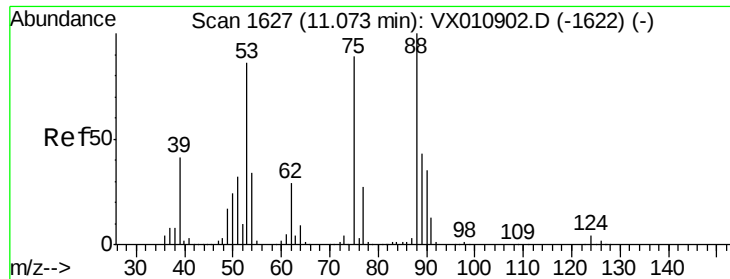
#80
 1,3,5-Trimethylbenzene
 Concen: 55.144 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 105 Resp: 445383
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

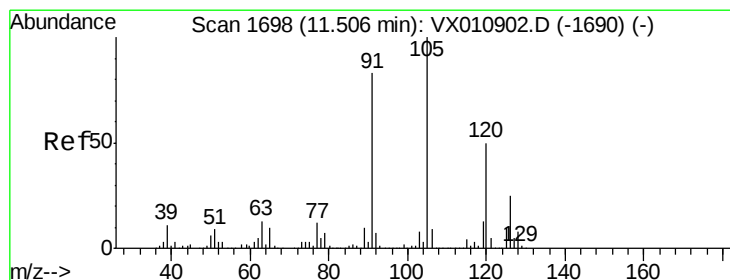
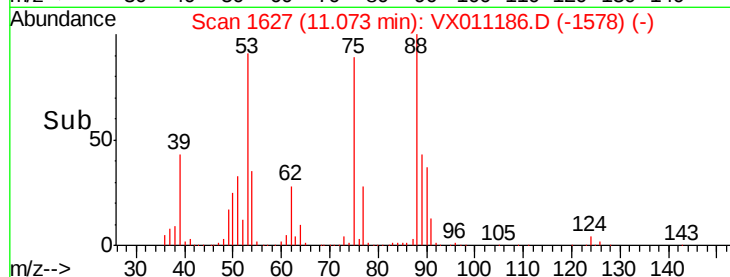
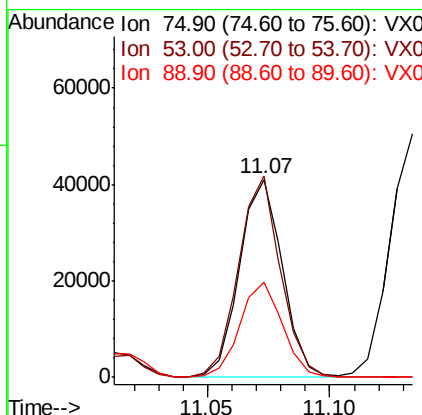
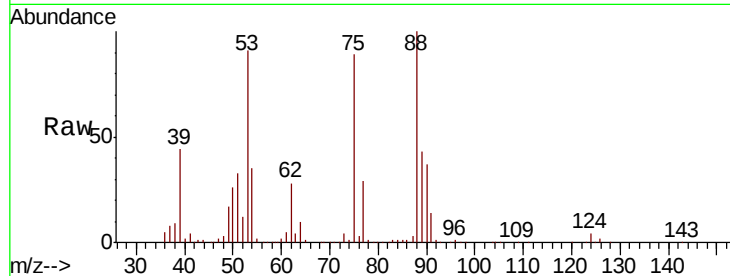




#81
trans-1,4-Dichloro-2-butene
Concen: 48.787 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

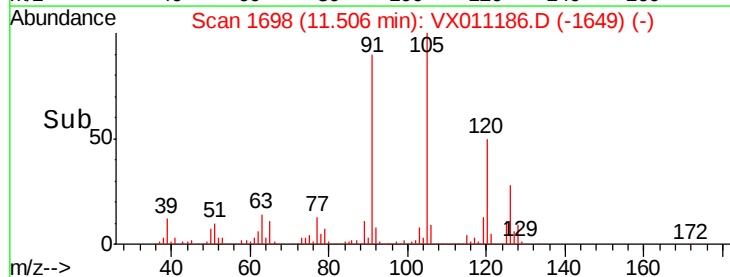
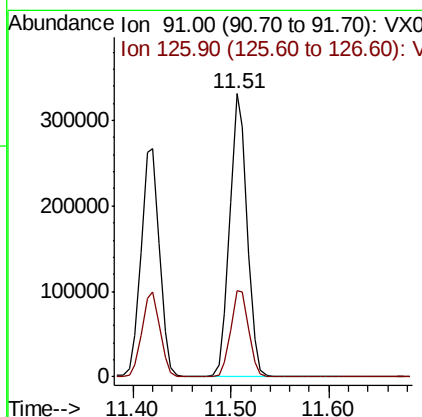
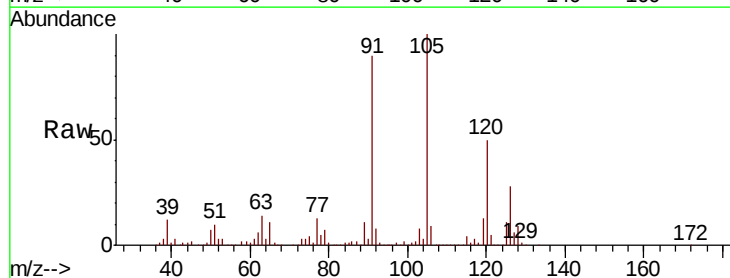
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

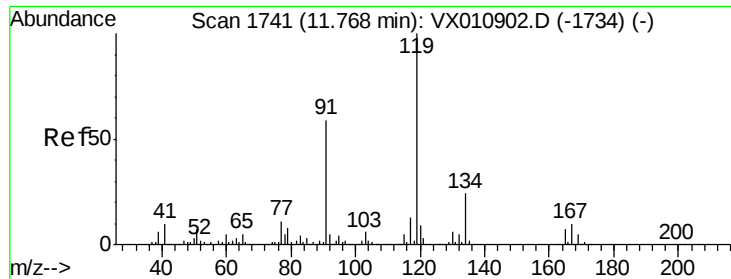
Tgt Ion: 75 Resp: 49601
Ion Ratio Lower Upper
75 100
53 99.9 76.7 115.1
89 48.0 38.5 57.7



#82
4-Chlorotoluene
Concen: 54.793 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 91 Resp: 409144
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7

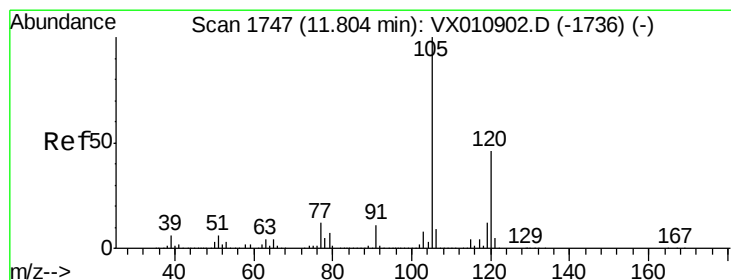
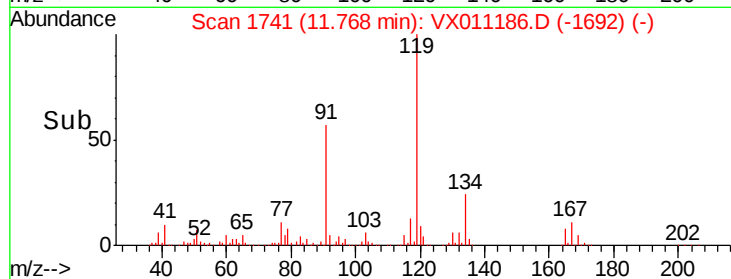
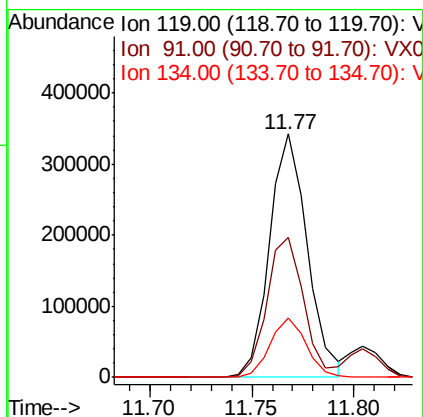
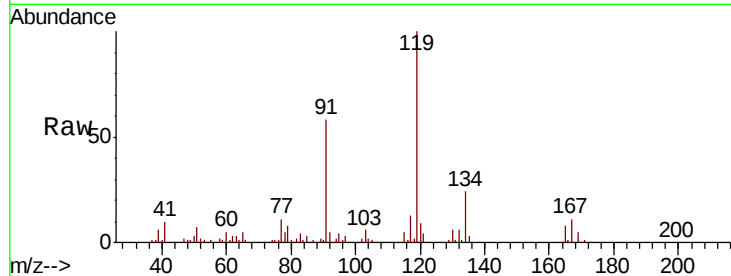




#83
 tert-Butylbenzene
 Concen: 55.681 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

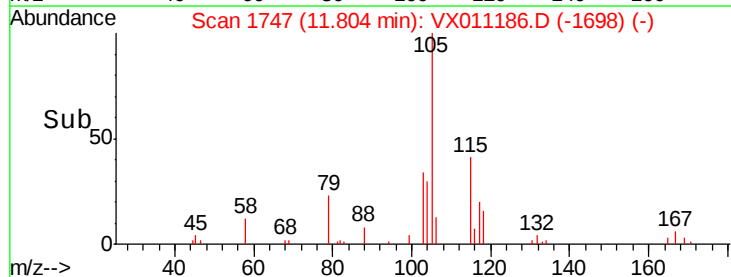
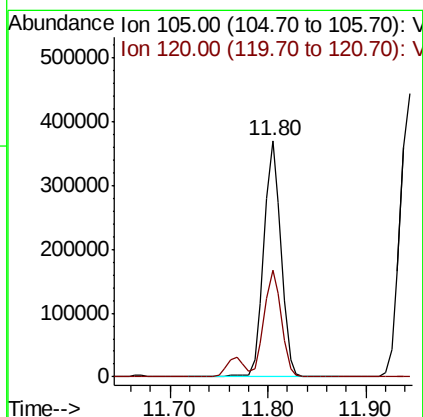
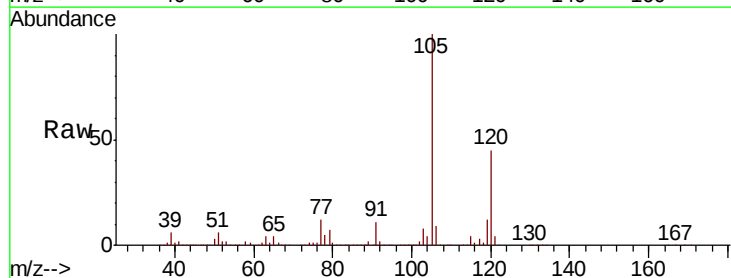
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

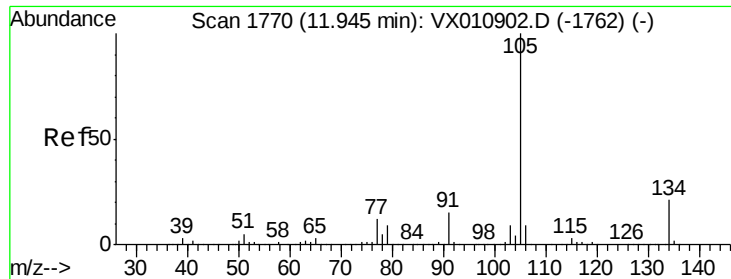
Tgt Ion:119 Resp: 441738
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.6 85.8
 134 23.3 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.223 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion:105 Resp: 449545
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 57.148 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

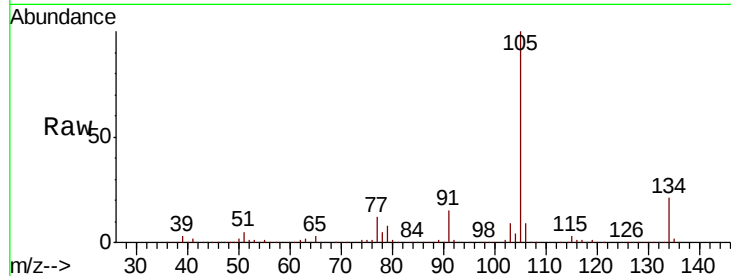
VSTDCCC050

Tgt Ion:105 Resp: 531236

Ion Ratio Lower Upper

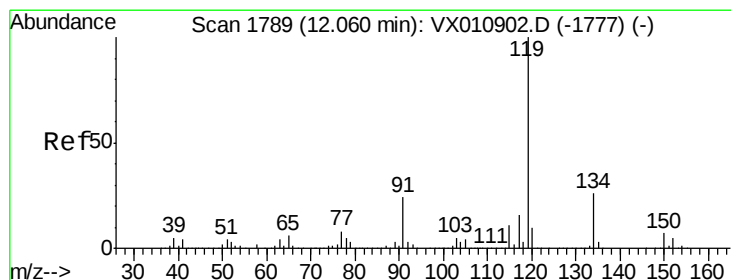
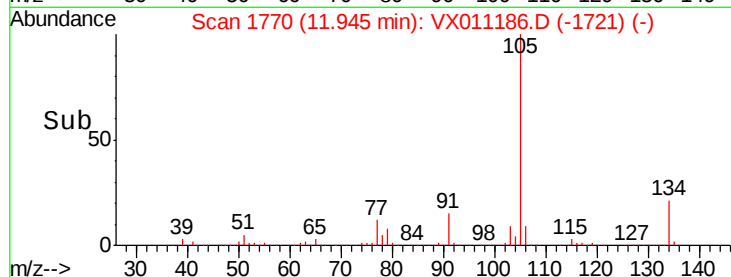
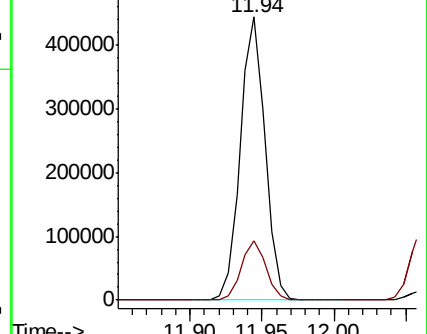
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.497 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

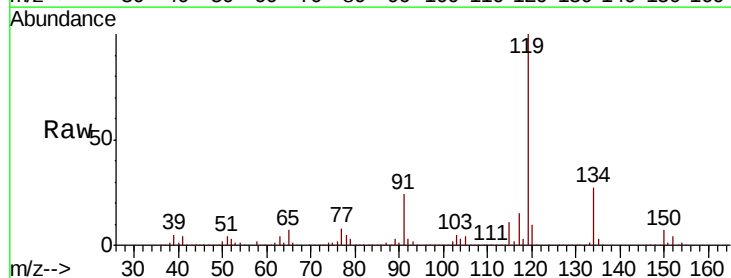
Tgt Ion:119 Resp: 494128

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

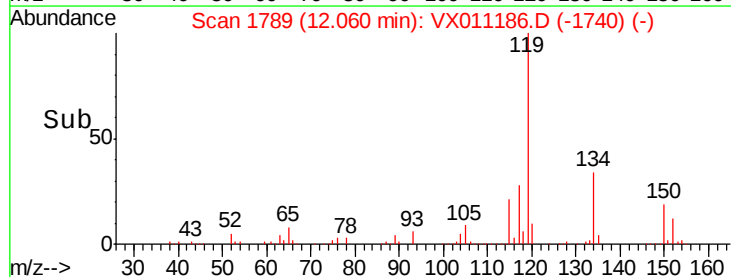
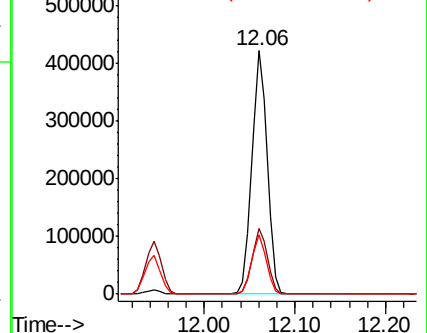
91 23.7 11.8 35.4

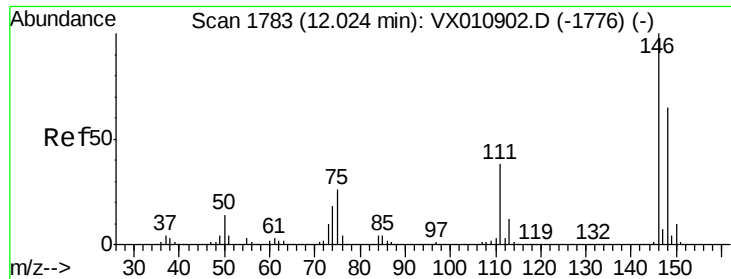


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

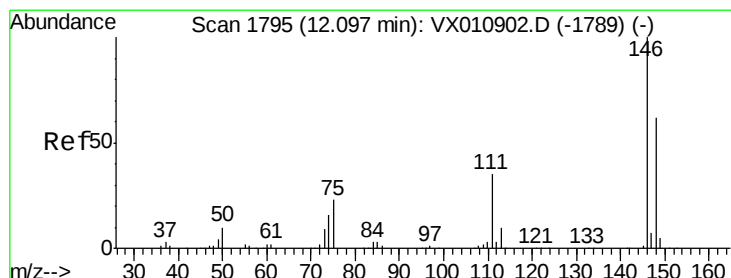
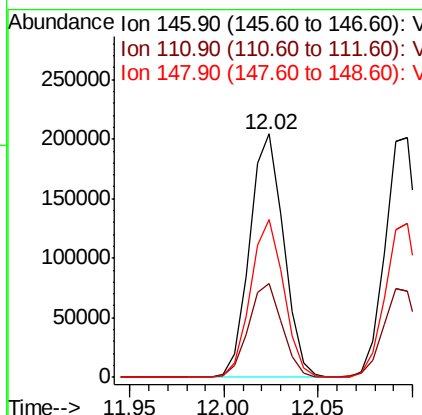
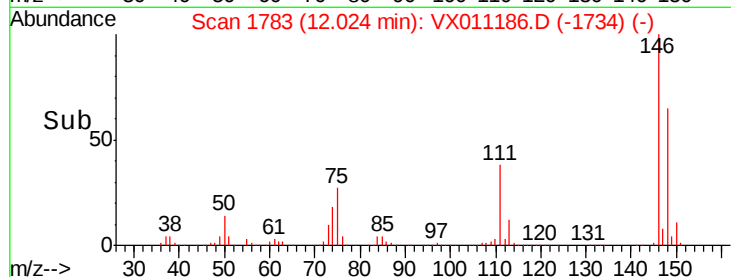
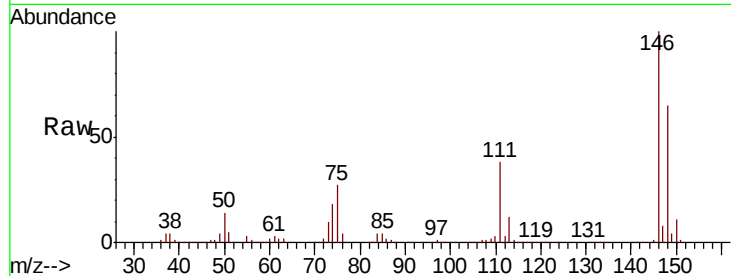




#87
 1,3-Dichlorobenzene
 Concen: 55.301 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

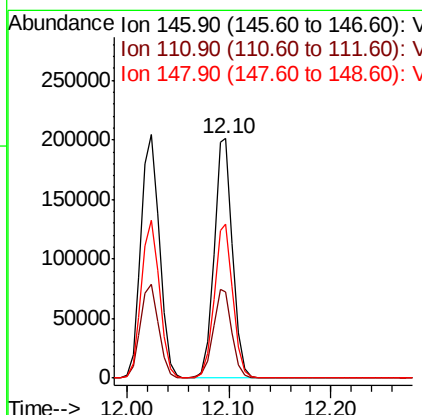
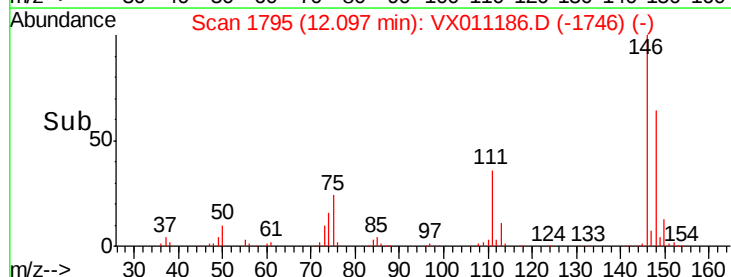
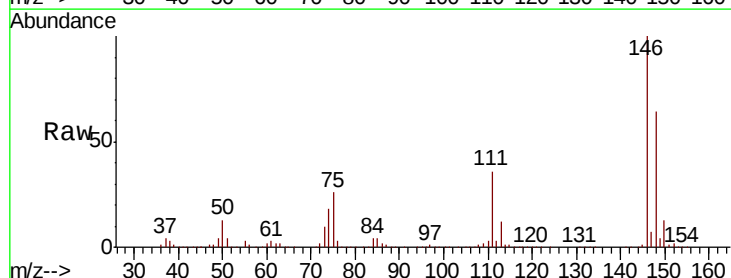
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

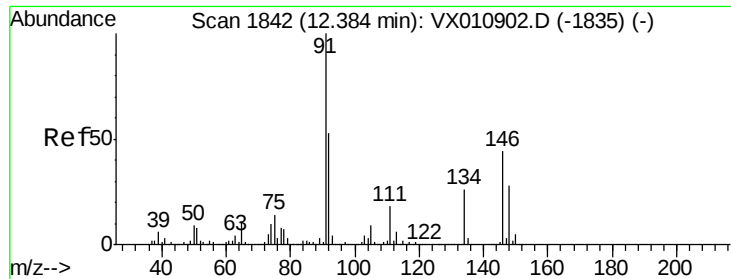
Tgt Ion:146 Resp: 255871
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 63.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 53.966 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion:146 Resp: 256088
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 64.7 31.6 94.7

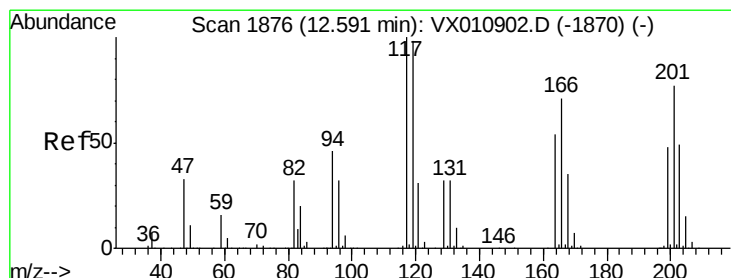
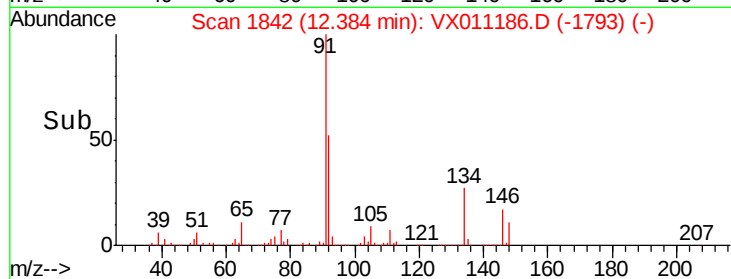
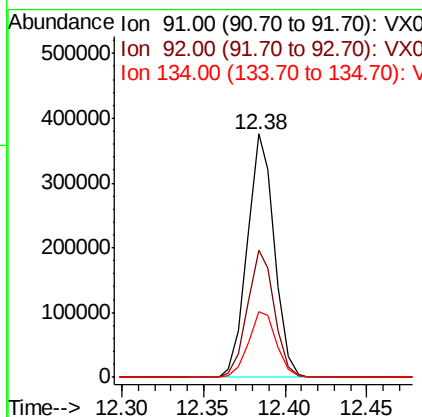
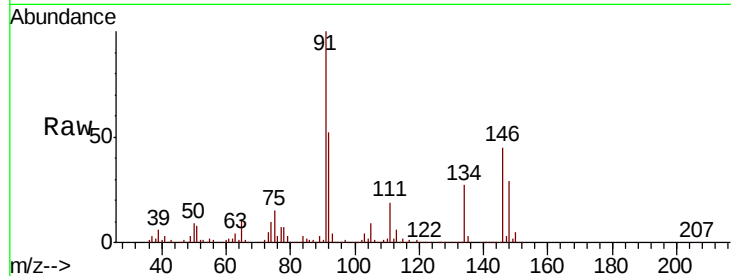




#89
n-Butylbenzene
Concen: 59.094 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

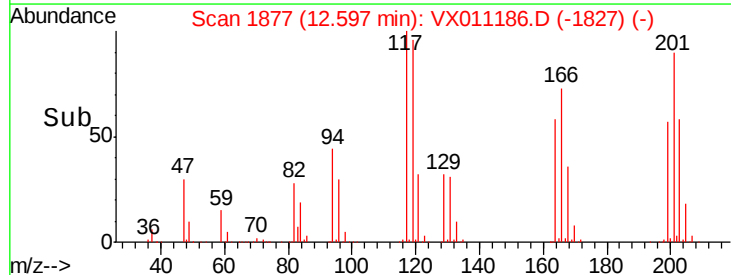
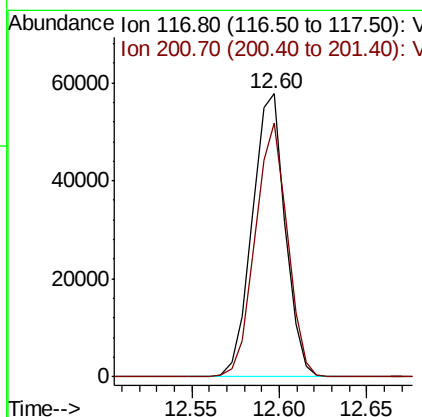
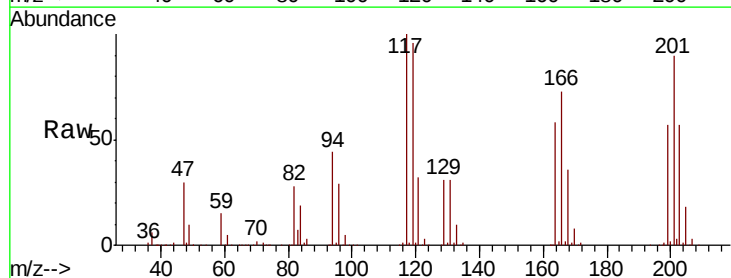
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

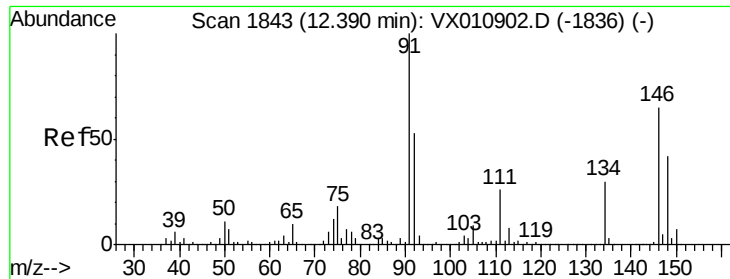
Tgt Ion: 91 Resp: 434480
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.7 13.8 41.3



#90
Hexachloroethane
Concen: 55.721 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011186.D
Acq: 30 Jul 2019 11:20

Tgt Ion: 117 Resp: 75529
Ion Ratio Lower Upper
117 100
201 87.6 43.3 129.8

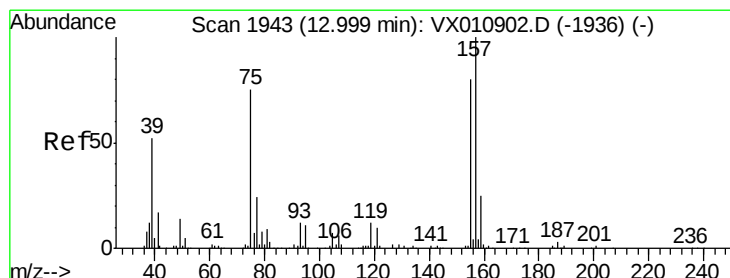
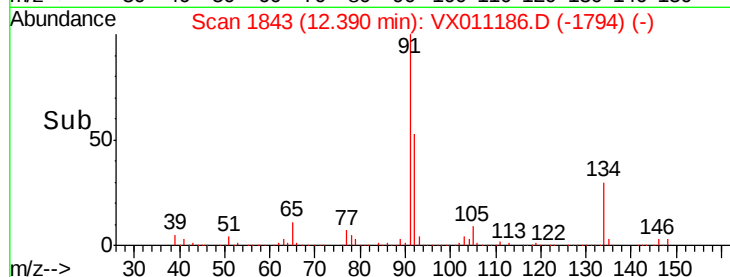
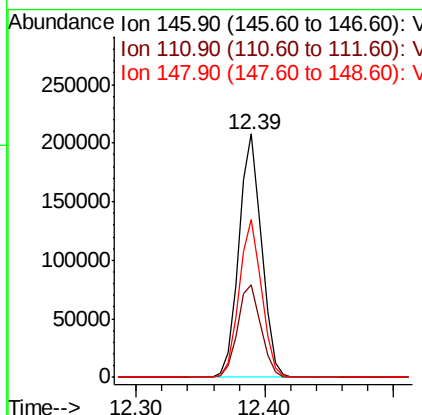
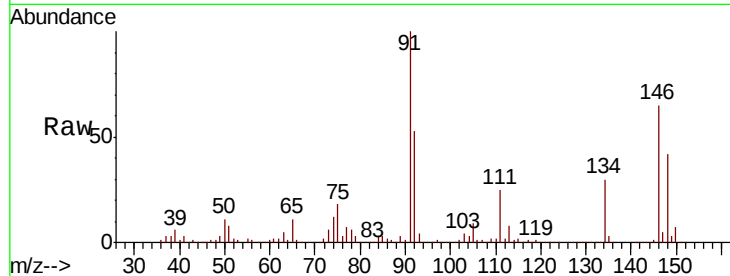




#91
 1,2-Dichlorobenzene
 Concen: 55.246 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

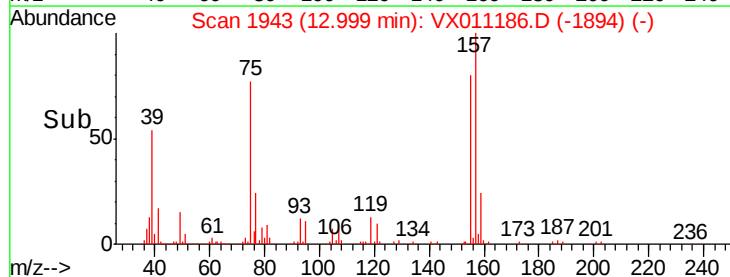
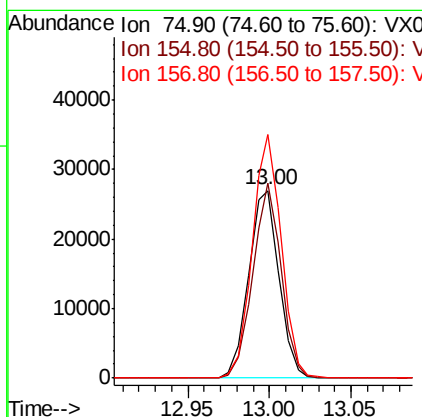
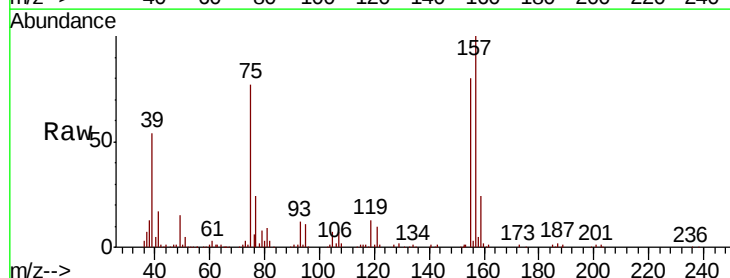
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

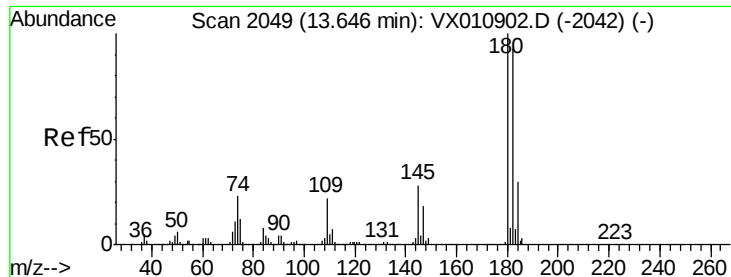
Tgt Ion: 146 Resp: 253335
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.703 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion: 75 Resp: 34847
 Ion Ratio Lower Upper
 75 100
 155 97.1 48.7 146.1
 157 124.1 62.5 187.6

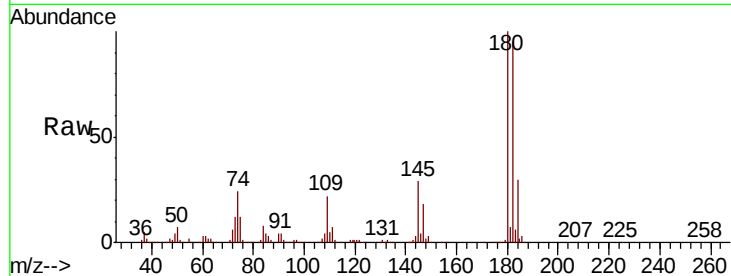




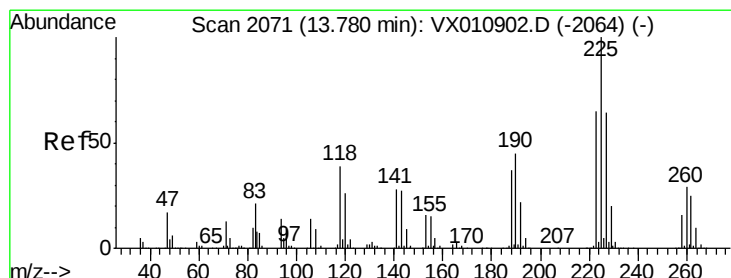
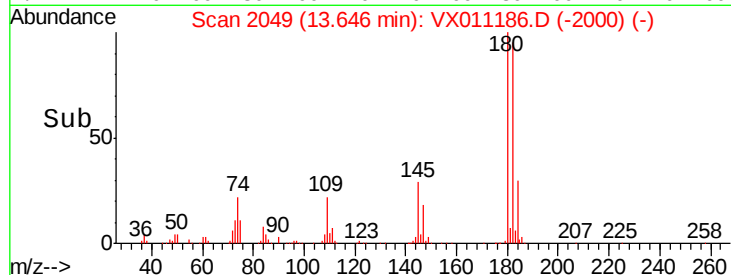
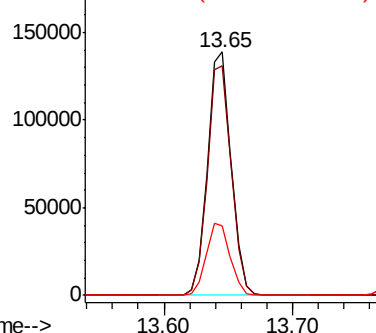
#93
 1,2,4-Trichlorobenzene
 Concen: 56.862 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 176708
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 30.0 14.8 44.4

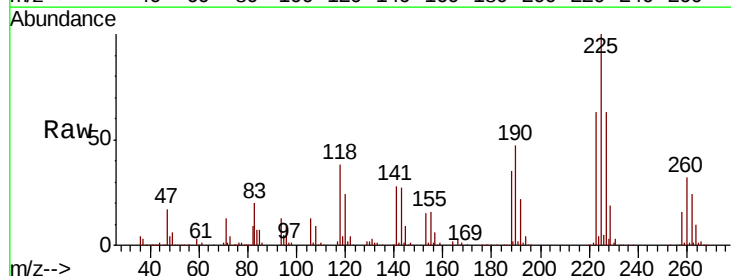


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

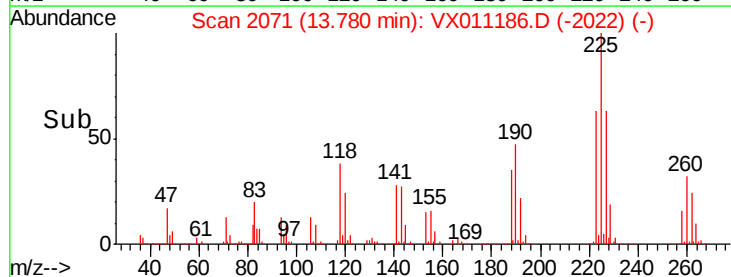
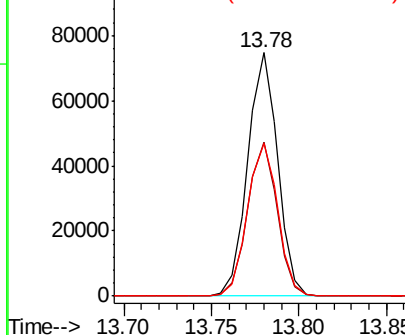


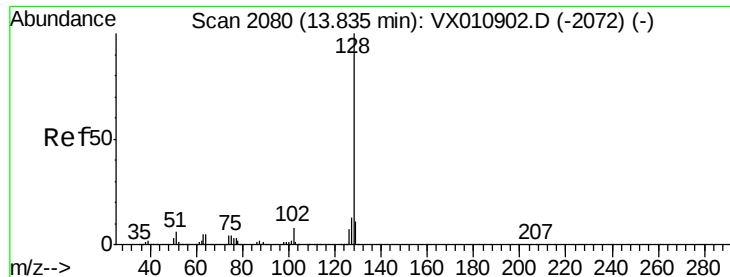
#94
 Hexachlorobutadiene
 Concen: 57.991 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011186.D
 Acq: 30 Jul 2019 11:20

Tgt Ion:225 Resp: 89308
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.9
 227 63.6 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 57.811 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

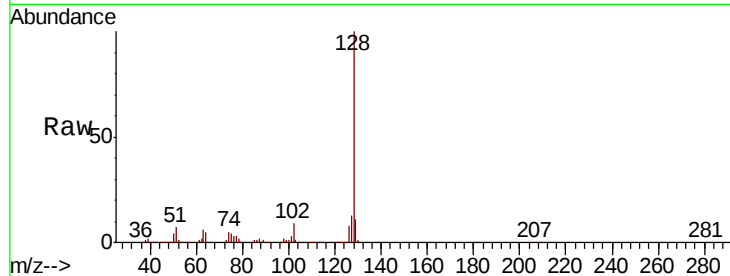
Tgt Ion:128 Resp: 530518

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.9 13.3

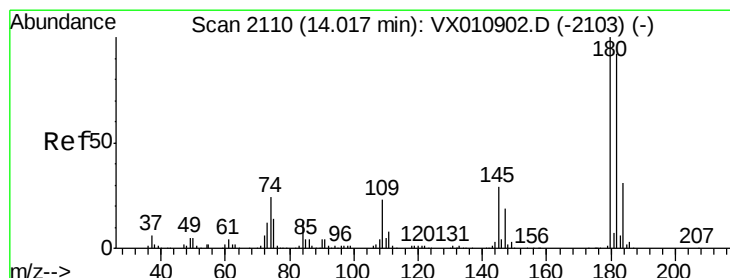
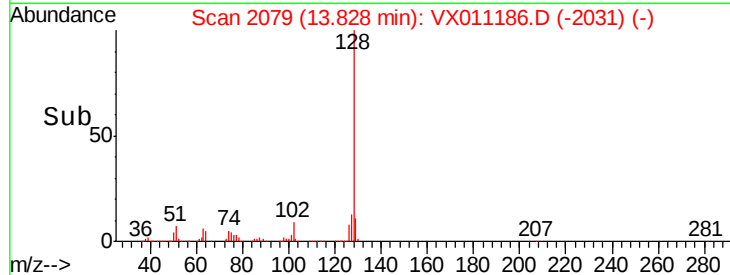
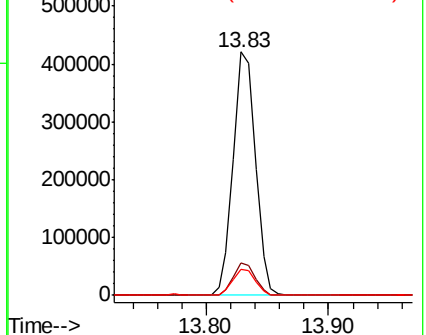


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.006 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011186.D

Acq: 30 Jul 2019 11:20

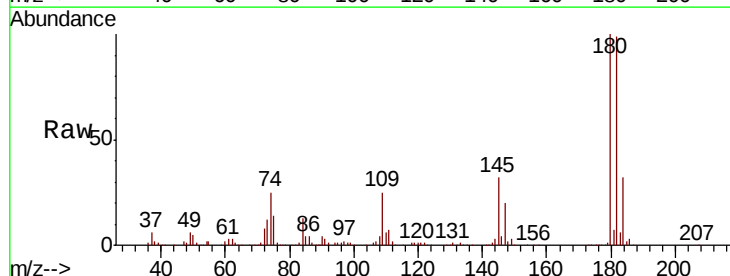
Tgt Ion:180 Resp: 176270

Ion Ratio Lower Upper

180 100

182 97.4 47.4 142.3

145 31.7 15.1 45.3



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

