

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010605.D
 Acq On : 02 Jul 2019 10:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 05:49:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	251384	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	362891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170768	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114713	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	112222	50.54	ug/l	-0.01
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	420127	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	153497	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81998	46.918	ug/l	99
3) Chloromethane	1.32	50	85888	42.204	ug/l	99
4) Vinyl Chloride	1.41	62	100273	44.985	ug/l	100
5) Bromomethane	1.64	94	51514	47.437	ug/l	99
6) Chloroethane	1.71	64	65640	49.913	ug/l	98
7) Trichlorofluoromethane	1.93	101	181168	51.271	ug/l	100
8) Diethyl Ether	2.19	74	64160	50.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110643	51.670	ug/l	98
10) Methyl Iodide	2.51	142	142074	46.490	ug/l	98
11) Tert butyl alcohol	3.04	59	127449	206.648	ug/l	97
12) 1,1-Dichloroethene	2.37	96	105153	48.259	ug/l	99
13) Acrolein	2.29	56	128294	313.576	ug/l	99
14) Allyl chloride	2.73	41	154796	50.040	ug/l	99
15) Acrylonitrile	3.14	53	303312	248.396	ug/l	100
16) Acetone	2.44	43	321804	272.428	ug/l	97
17) Carbon Disulfide	2.57	76	241714	41.348	ug/l	100
18) Methyl Acetate	2.77	43	119732	50.857	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	352785	51.466	ug/l	100
20) Methylene Chloride	2.85	84	120178	49.437	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111637	47.637	ug/l	99
22) Diisopropyl ether	3.85	45	335114	51.813	ug/l	91
23) Vinyl Acetate	3.81	43	1462787	261.799	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188646	50.459	ug/l	100
25) 2-Butanone	4.67	43	441556	254.832	ug/l	99
26) 2,2-Dichloropropane	4.57	77	166672	51.320	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	134663	49.726	ug/l	99
28) Bromochloromethane	5.01	49	86416	48.345	ug/l	97
29) Tetrahydrofuran	5.12	42	260348	242.575	ug/l	99
30) Chloroform	5.20	83	206911	51.438	ug/l	99
31) Cyclohexane	5.57	56	166445	48.890	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	181709	51.159	ug/l	100
36) 1,1-Dichloropropene	5.80	75	148329	51.436	ug/l	99
37) Ethyl Acetate	4.83	43	156560	52.773	ug/l	99
38) Carbon Tetrachloride	5.78	117	160680	51.456	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194483	51.307	ug/l	97
40) Benzene	6.14	78	461342	51.350	ug/l	100
41) Methacrylonitrile	5.04	41	85510	52.532	ug/l	99
42) 1,2-Dichloroethane	6.18	62	152320	55.697	ug/l	97
43) Isopropyl Acetate	6.44	43	260040	52.980	ug/l	98
44) Trichloroethene	7.21	130	138048	51.351	ug/l	98
45) 1,2-Dichloropropane	7.51	63	118350	52.165	ug/l	97
46) Dibromomethane	7.66	93	86094	52.890	ug/l	97
47) Bromodichloromethane	7.89	83	158137	53.011	ug/l	97
48) Methyl methacrylate	7.76	41	120331	52.743	ug/l	99
49) 1,4-Dioxane	7.74	88	62560	951.880	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	827200	263.510	ug/l	99
52) Toluene	8.78	92	304868	51.529	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	177101	52.953	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193632	53.276	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130407	53.444	ug/l	99
56) Ethyl methacrylate	9.18	69	194912	52.731	ug/l	97
57) 1,3-Dichloropropane	9.37	76	201915	53.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	502469	286.225	ug/l	100
59) 2-Hexanone	9.49	43	640259	259.148	ug/l	98
60) Dibromochloromethane	9.58	129	144360	52.839	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138185	52.467	ug/l	99
64) Tetrachloroethene	9.34	164	134857	51.071	ug/l	97
65) Chlorobenzene	10.13	112	351213	52.990	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	131587	54.504	ug/l	99
67) Ethyl Benzene	10.25	91	597513	53.400	ug/l	100
68) m/p-Xylenes	10.35	106	460549	106.224	ug/l	98
69) o-Xylene	10.69	106	224267	52.599	ug/l	100
70) Styrene	10.71	104	385997	53.983	ug/l	99
71) Bromoform	10.85	173	108400	51.632	ug/l	98
73) Isopropylbenzene	11.02	105	607175	52.451	ug/l	98
74) N-amyl acetate	10.90	43	230576	52.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193806	50.554	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	218871	70.335	ug/l	80
77) Bromobenzene	11.25	156	164031	50.747	ug/l	99
78) n-propylbenzene	11.36	91	687265	54.020	ug/l	99
79) 2-Chlorotoluene	11.42	91	394340	52.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502675	52.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64528	48.376	ug/l	93
82) 4-Chlorotoluene	11.51	91	462426	53.642	ug/l	100
83) tert-Butylbenzene	11.77	119	509231	53.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	511359	53.335	ug/l	100
85) sec-Butylbenzene	11.94	105	604728	53.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	563459	54.167	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289835	51.369	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293167	51.038	ug/l	99
89) n-Butylbenzene	12.38	91	492506	55.718	ug/l	99
90) Hexachloroethane	12.59	117	93808	52.154	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	283920	50.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39797	48.148	ug/l	92

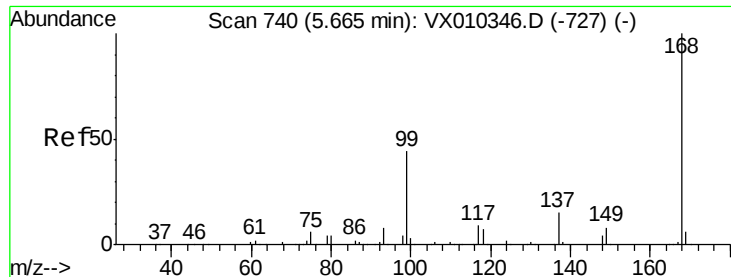
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	207707	53.411	ug/l	99
94) Hexachlorobutadiene	13.78	225	101992	53.663	ug/l	99
95) Naphthalene	13.83	128	609730	51.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	203409	52.608	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

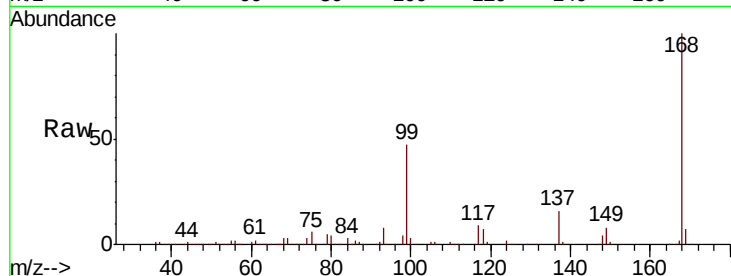
VSTDCCC050

Tot Ion:168 Resp: 251384

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

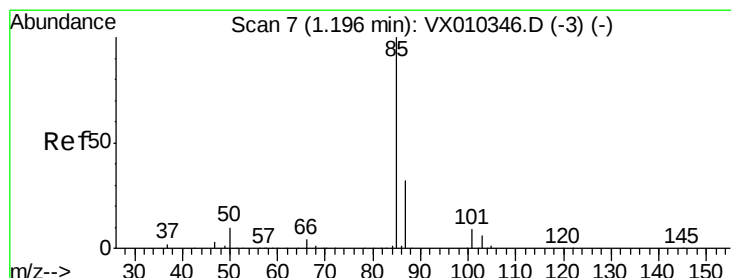
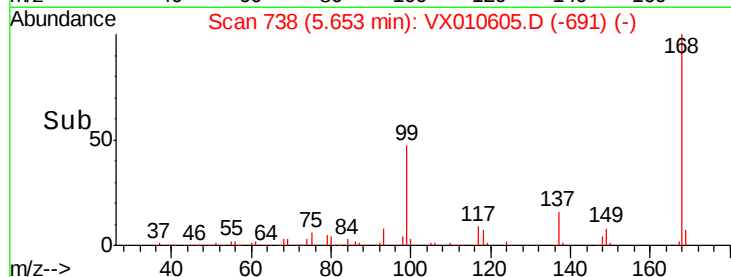
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.918 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010605.D

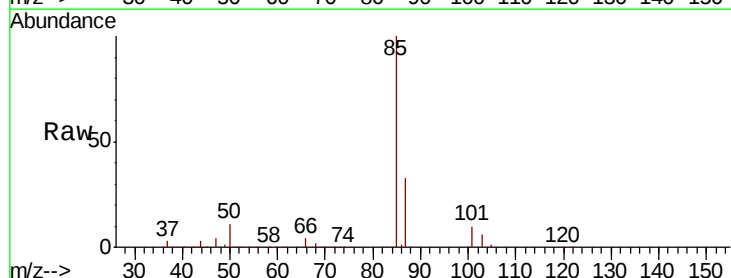
Acq: 02 Jul 2019 10:12

Tgt Ion: 85 Resp: 81998

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

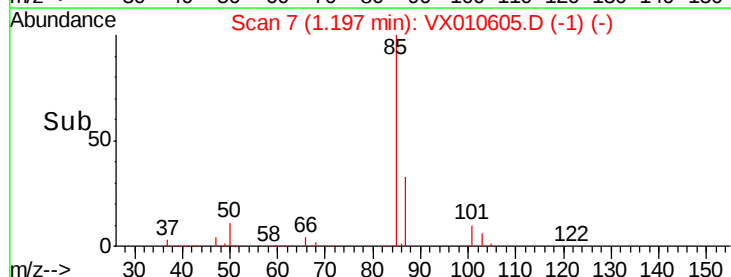
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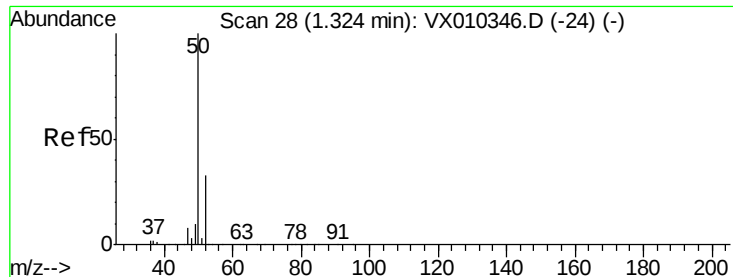
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.204 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

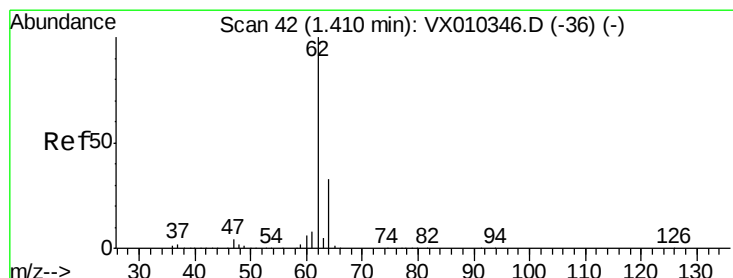
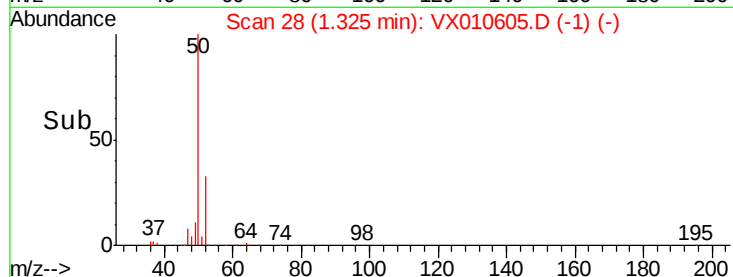
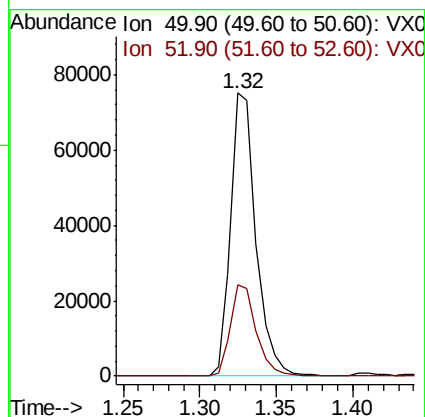
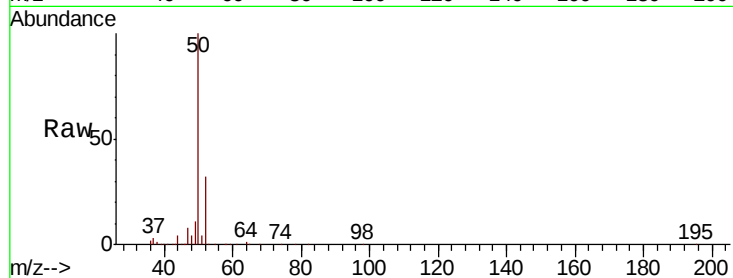
VSTDCCC050

Tot Ion: 50 Resp: 85888

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 44.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010605.D

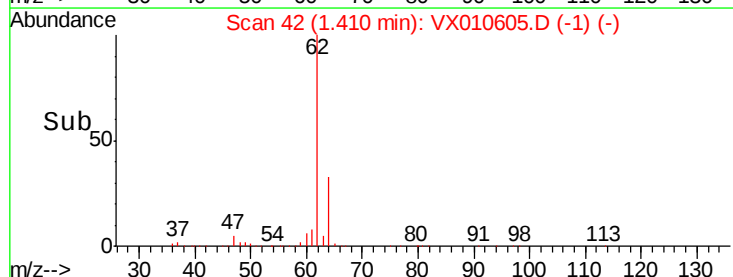
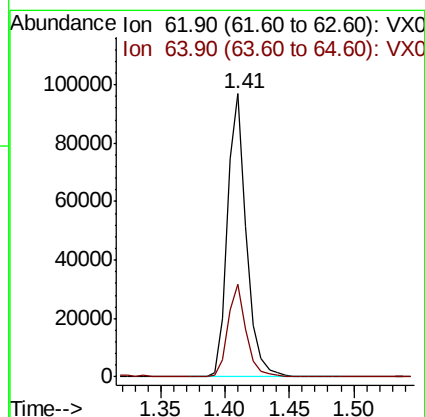
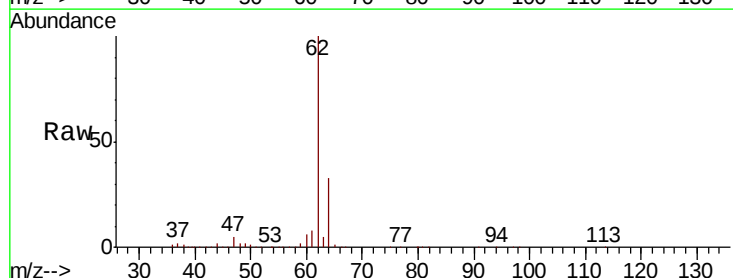
Acq: 02 Jul 2019 10:12

Tgt Ion: 62 Resp: 100273

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 47.437 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

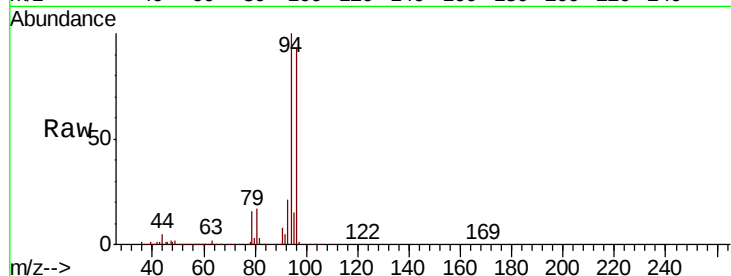
VSTDCCC050

Tot Ion: 94 Resp: 51514

Ion Ratio Lower Upper

94 100

96 93.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

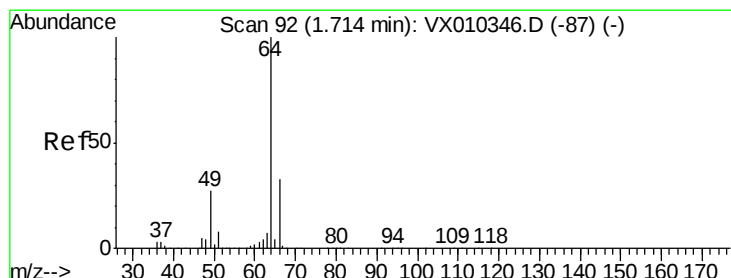
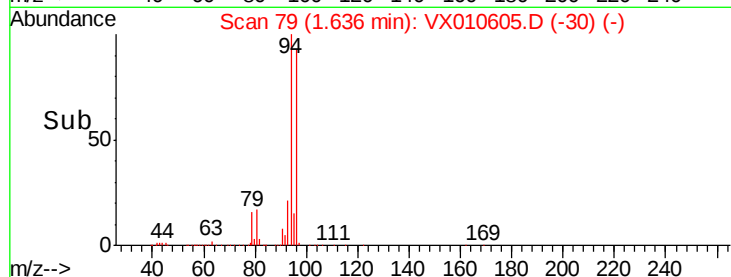
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 49.913 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010605.D

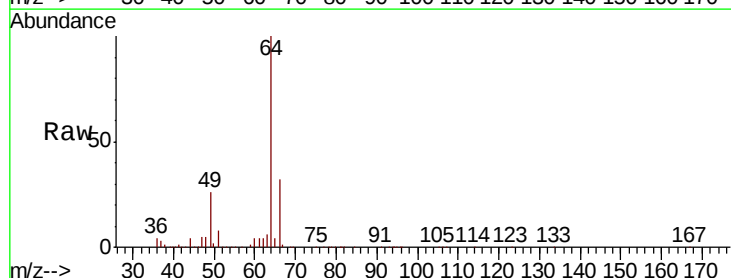
Acq: 02 Jul 2019 10:12

Tgt Ion: 64 Resp: 65640

Ion Ratio Lower Upper

64 100

66 32.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

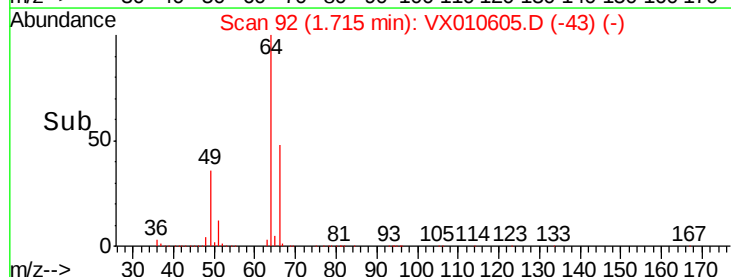
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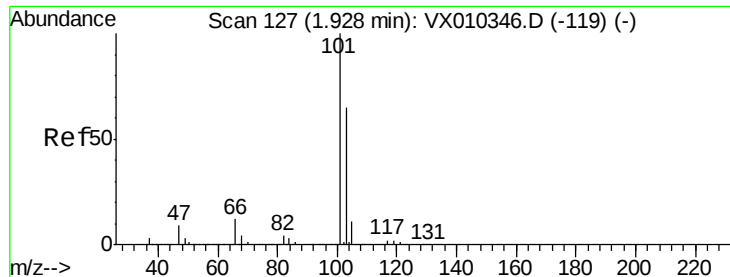
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0

Time-->

1.60 1.70 1.80



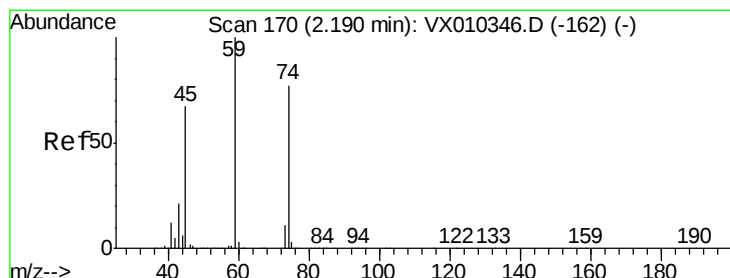
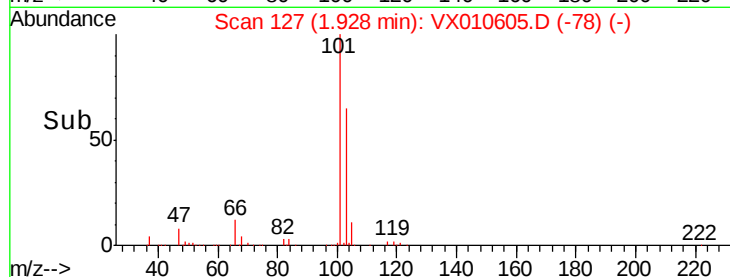
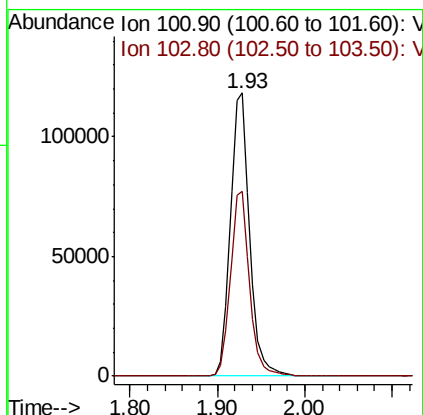
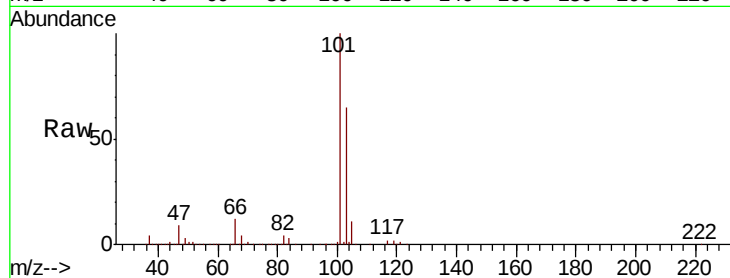


#7

Trichlorofluoromethane
Concen: 51.271 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

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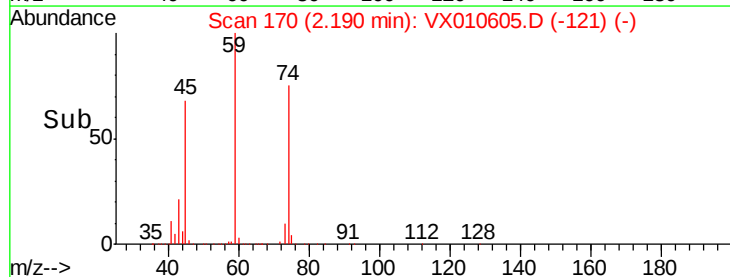
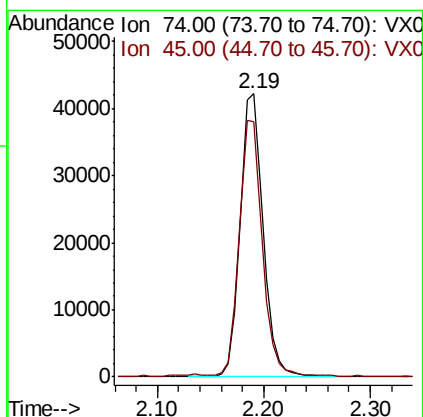
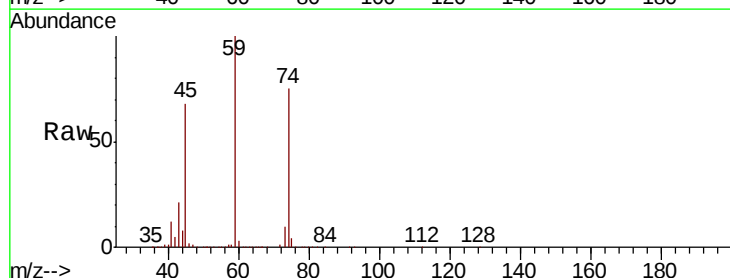
Tot Ion:101 Resp: 181168
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5



#8

Diethyl Ether
Concen: 50.632 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 74 Resp: 64160
Ion Ratio Lower Upper
74 100
45 91.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.670 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

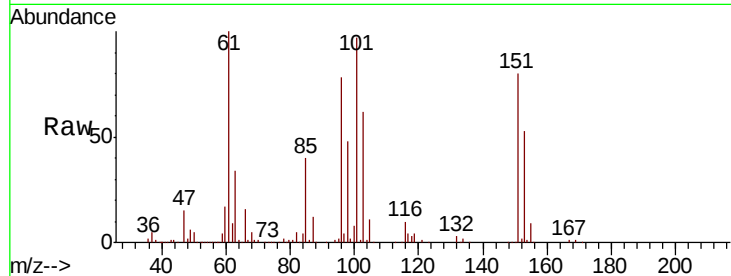
Tot Ion:101 Resp: 110643

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

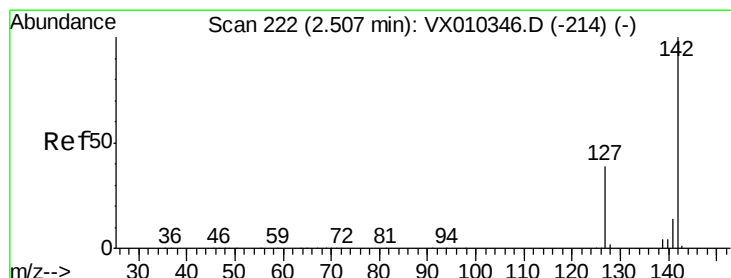
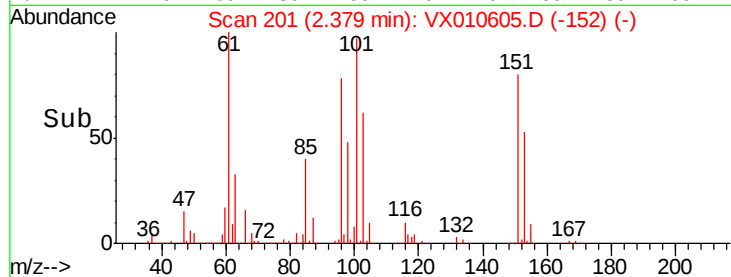
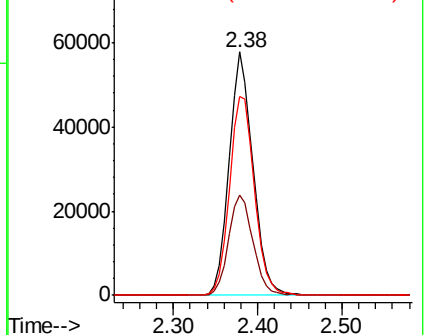
151 85.6 70.1 105.1



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: 46.490 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

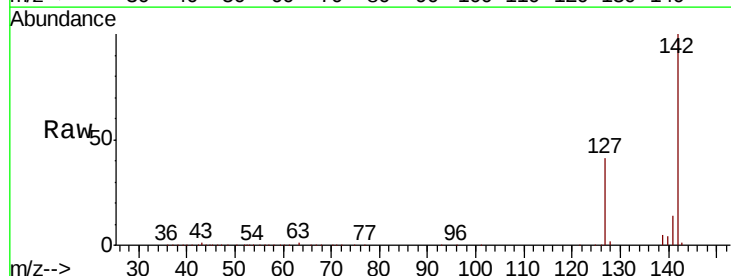
Tgt Ion:142 Resp: 142074

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

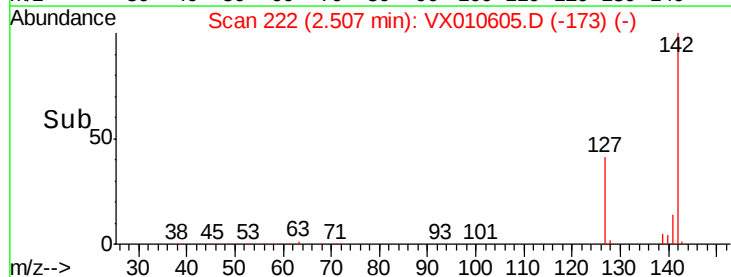
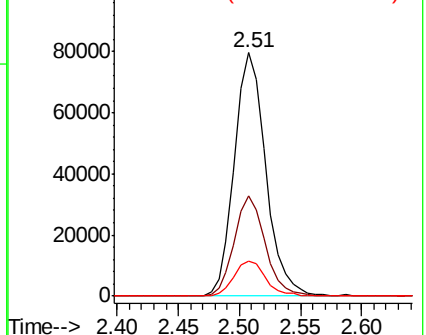
141 14.6 11.2 16.8



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



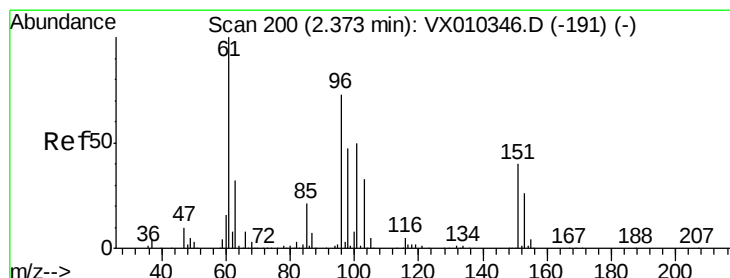
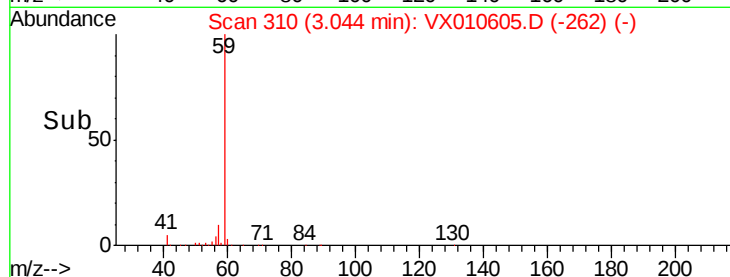
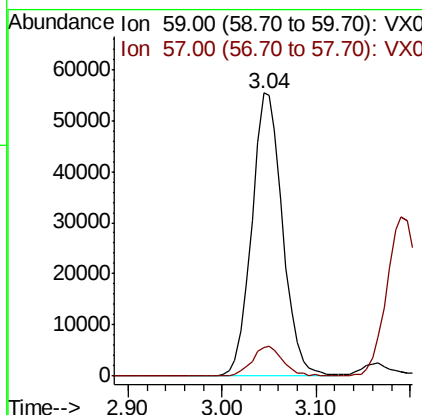
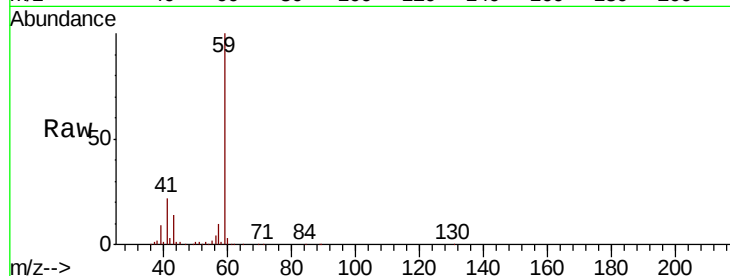


#11

Tert butyl alcohol
Concen: 206.648 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

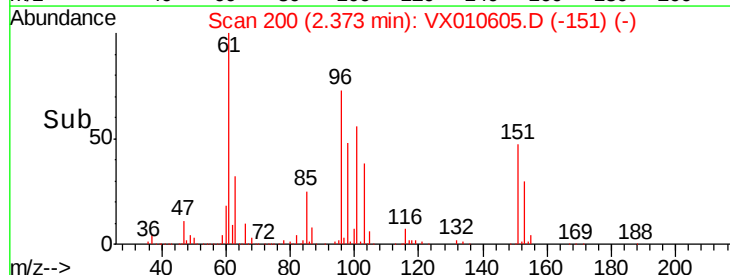
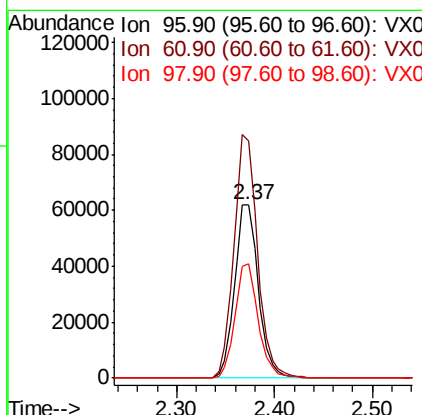
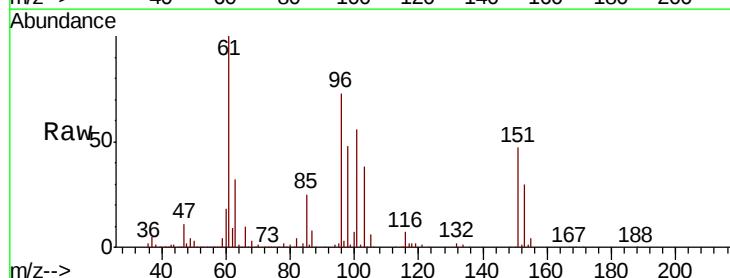
Tot Ion: 59 Resp: 127449
Ion Ratio Lower Upper
59 100
57 10.7 7.7 11.5

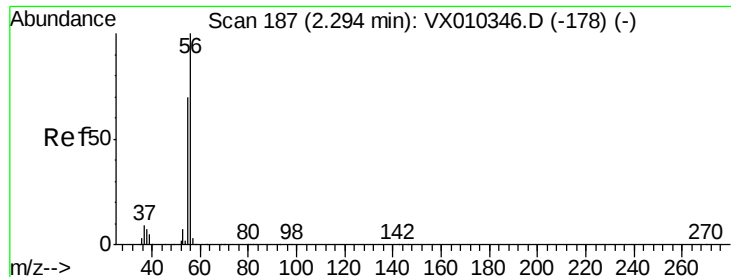


#12

1,1-Dichloroethene
Concen: 48.259 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 96 Resp: 105153
Ion Ratio Lower Upper
96 100
61 136.7 109.2 163.8
98 66.1 51.1 76.7





#13

Acrolein

Concen: 313.576 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

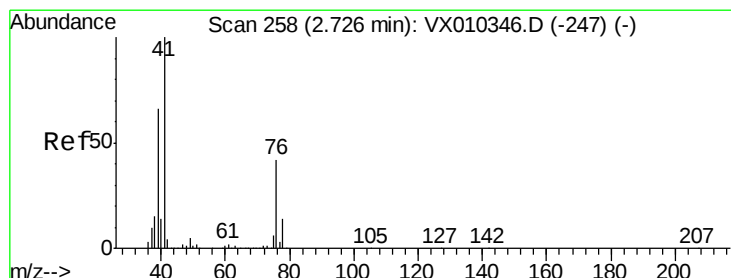
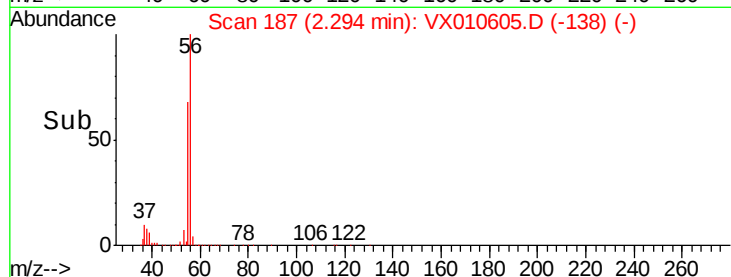
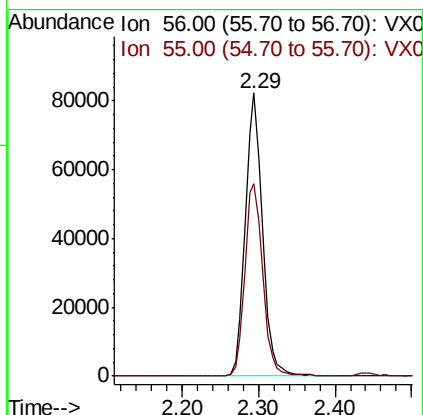
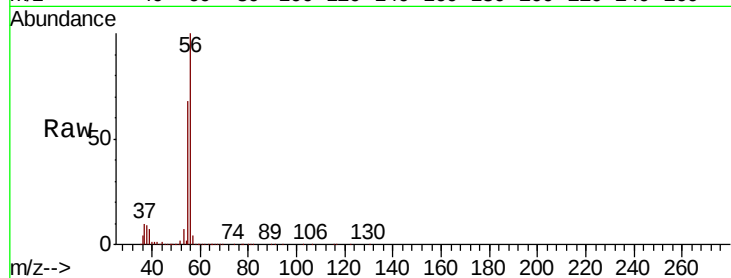
VSTDCCC050

Tot Ion: 56 Resp: 128294

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 50.040 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

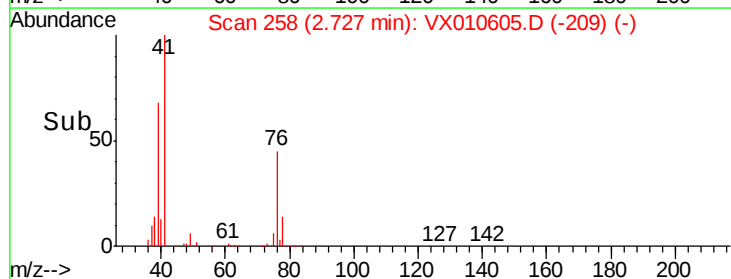
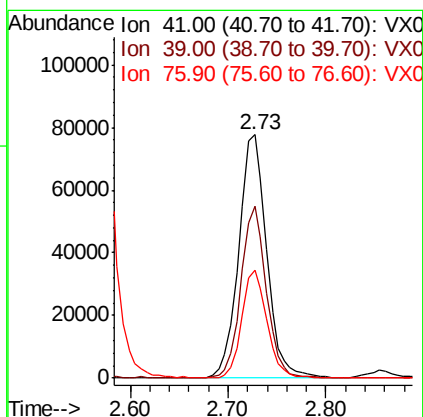
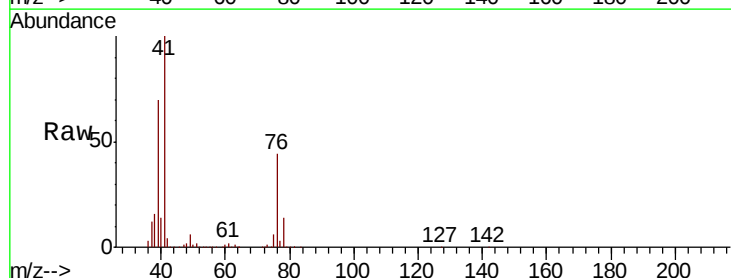
Tgt Ion: 41 Resp: 154796

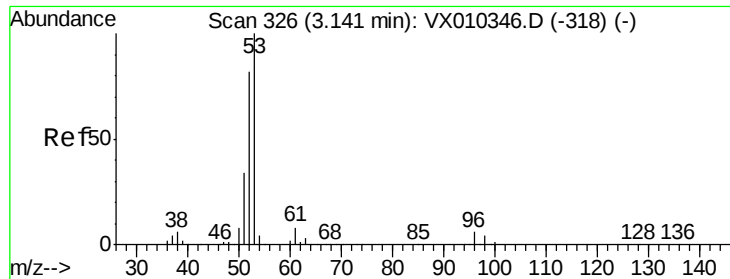
Ion Ratio Lower Upper

41 100

39 63.8 50.3 75.5

76 39.7 31.3 46.9





#15

Acrylonitrile

Concen: 248.396 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

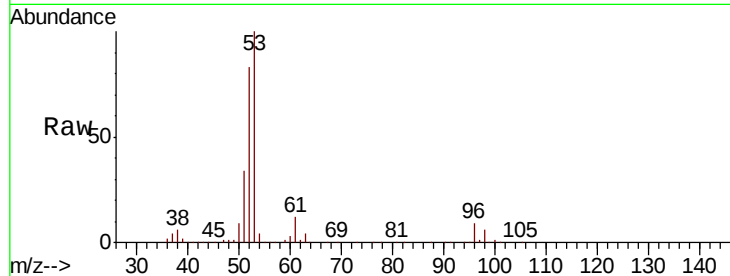
Tot Ion: 53 Resp: 303312

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

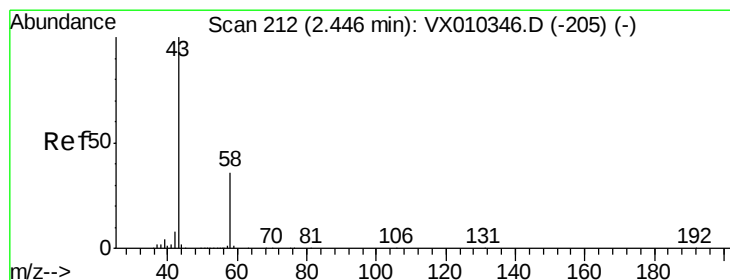
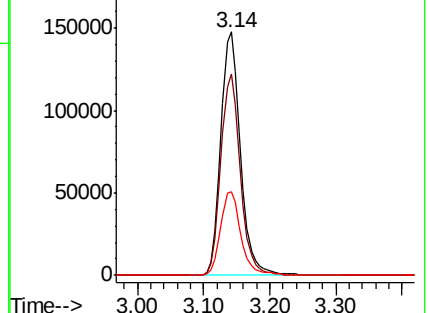
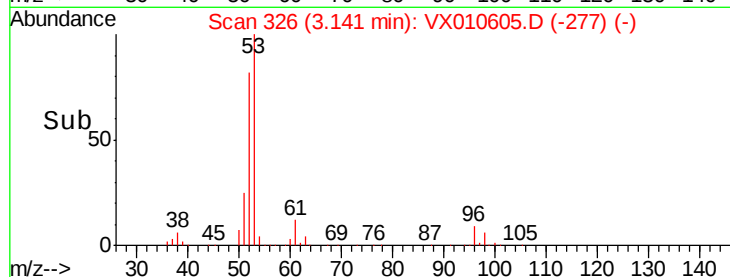
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX010605.D (-277) (-)

Ion 52.00 (51.70 to 52.70): VX010605.D (-277) (-)

Ion 51.00 (50.70 to 51.70): VX010605.D (-277) (-)



#16

Acetone

Concen: 272.428 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010605.D

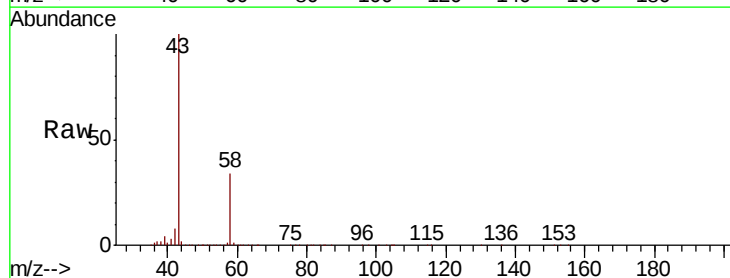
Acq: 02 Jul 2019 10:12

Tgt Ion: 43 Resp: 321804

Ion Ratio Lower Upper

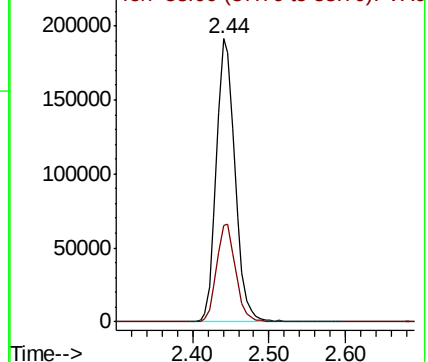
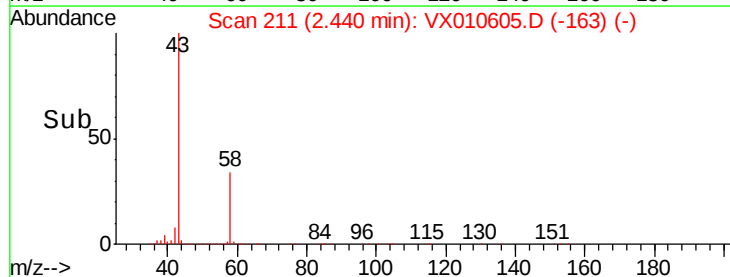
43 100

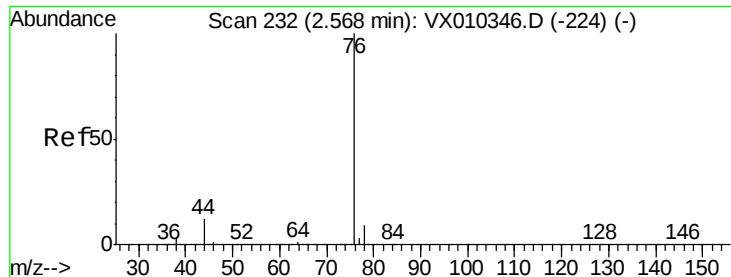
58 34.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX010605.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX010605.D (-163) (-)

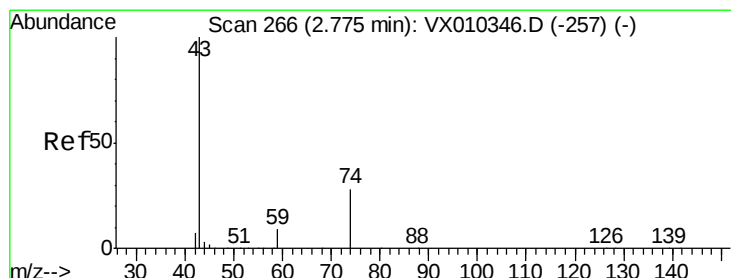
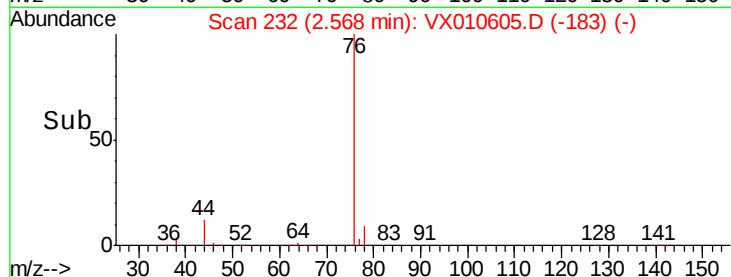
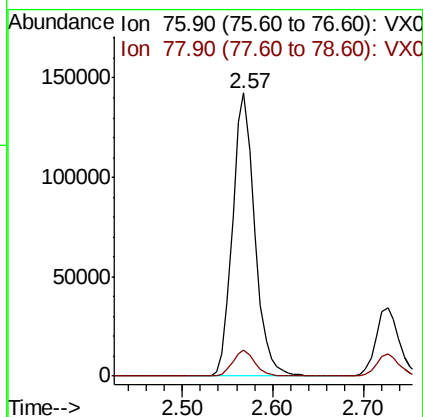
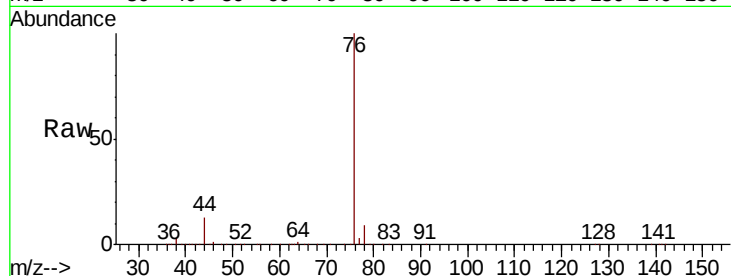




#17
Carbon Disulfide
Concen: 41.348 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

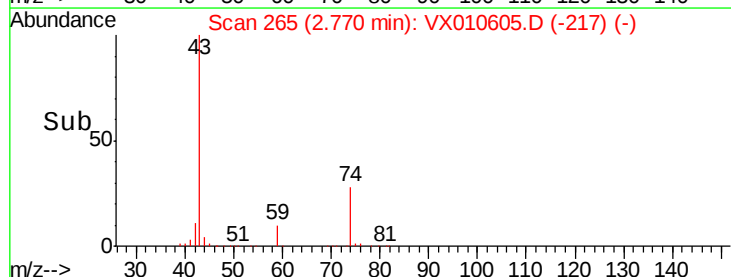
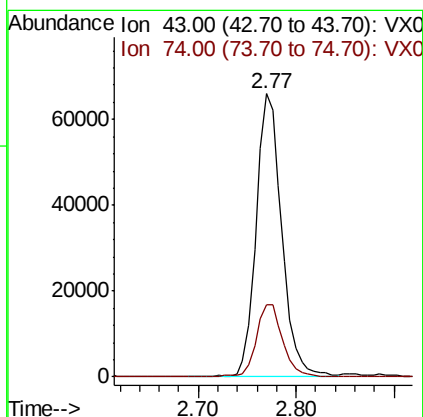
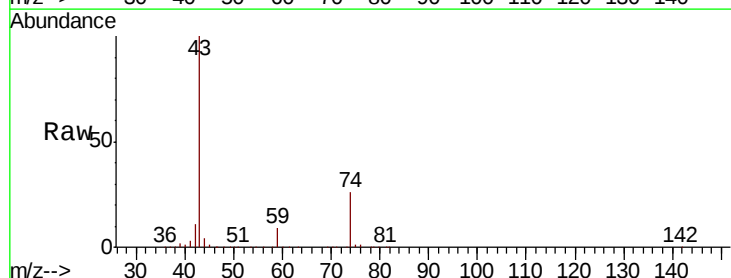
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

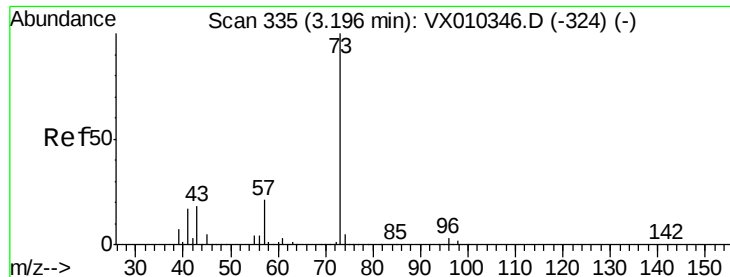
Tot Ion: 76 Resp: 241714
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.857 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 43 Resp: 119732
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9

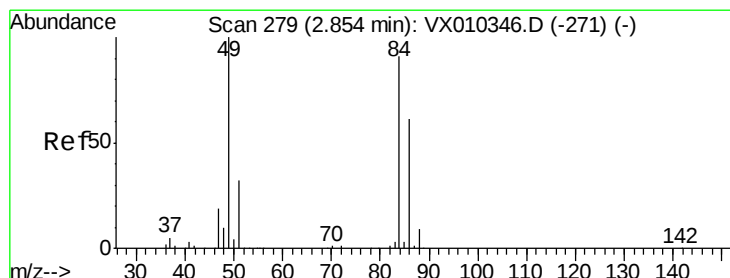
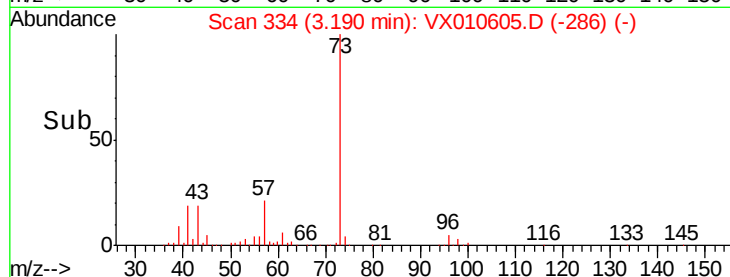
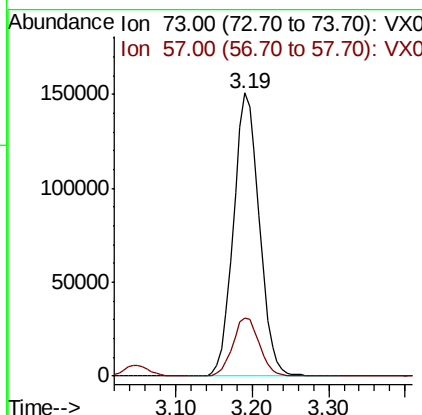
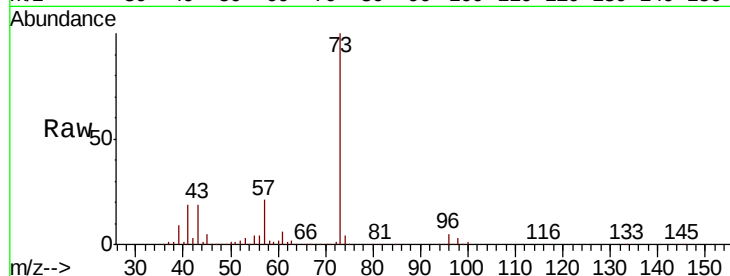




#19
Methyl tert-butyl Ether
Concen: 51.466 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

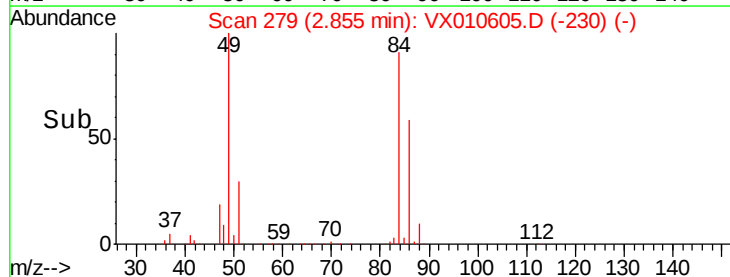
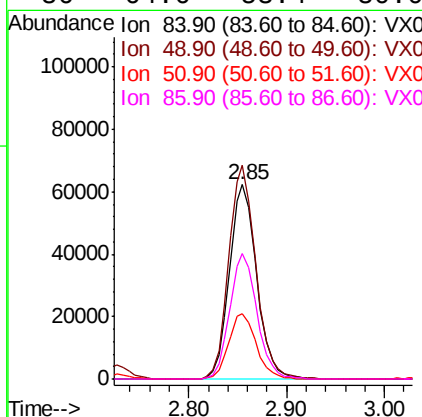
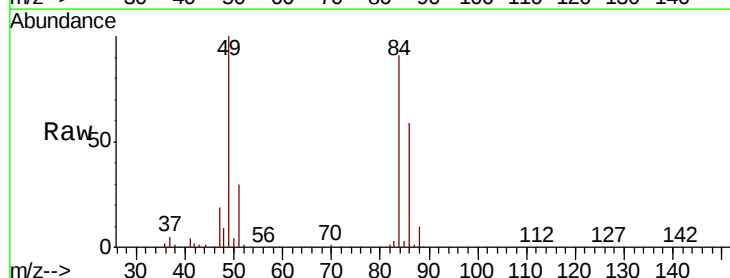
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

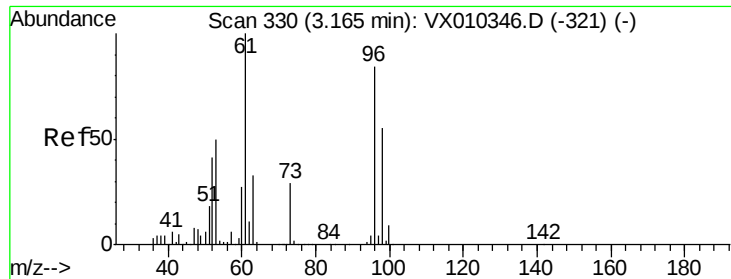
Tot Ion: 73 Resp: 352785
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 49.437 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 84 Resp: 120178
Ion Ratio Lower Upper
84 100
49 109.9 87.5 131.3
51 33.4 27.7 41.5
86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.637 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

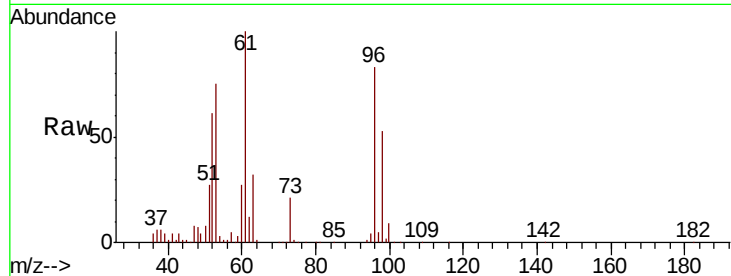
Tot Ion: 96 Resp: 111637

Ion Ratio Lower Upper

96 100

61 121.1 95.6 143.4

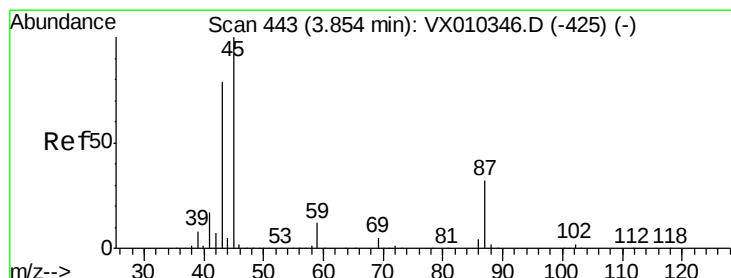
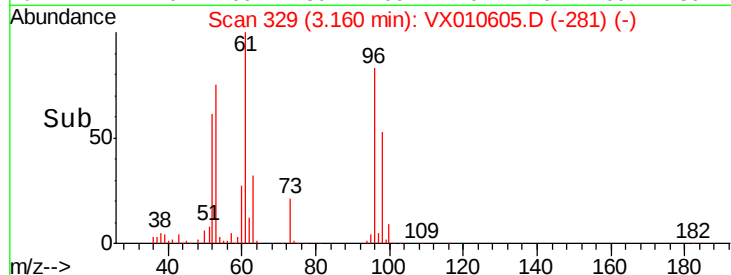
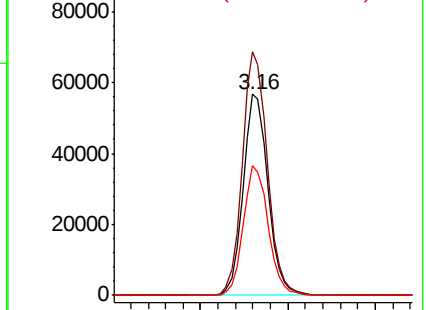
98 64.7 52.5 78.7



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: 51.813 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Tgt Ion: 45 Resp: 335114

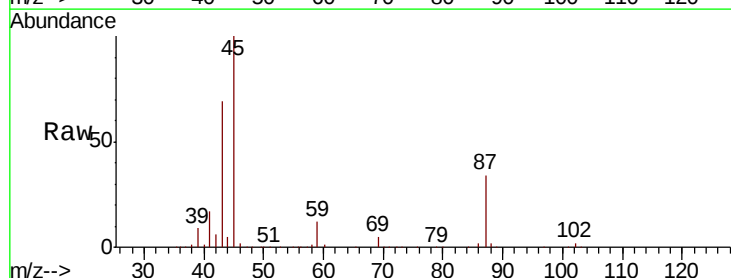
Ion Ratio Lower Upper

45 100

43 68.4 63.3 94.9

87 34.0 25.8 38.8

59 12.3 9.6 14.4

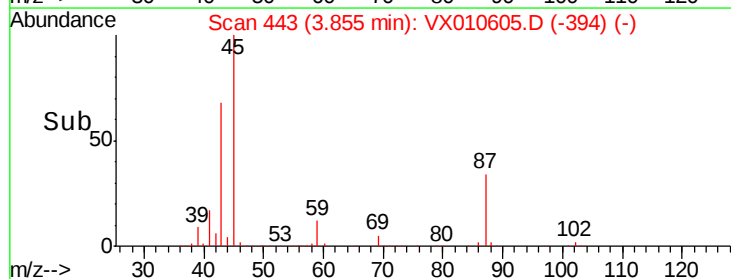
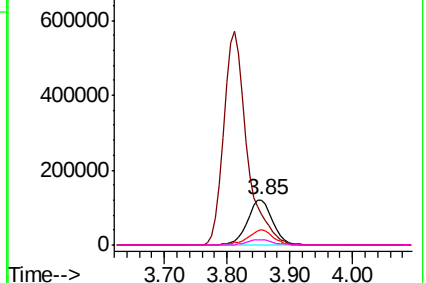


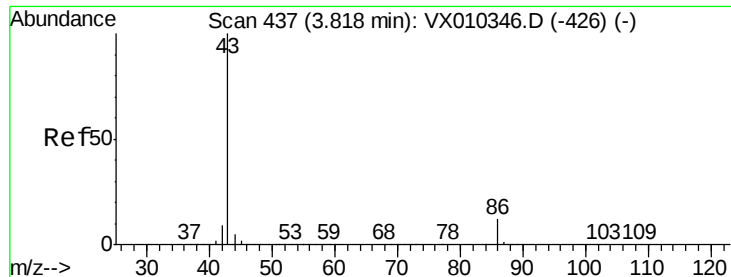
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.799 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

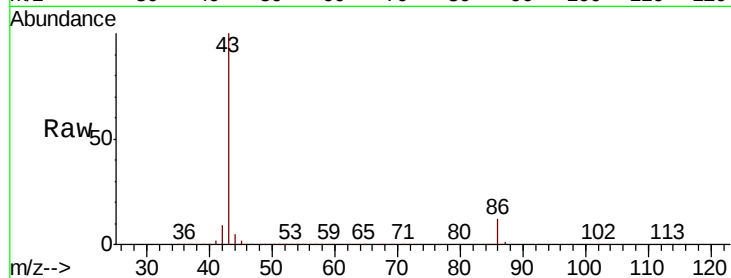
VSTDCCC050

Tot Ion: 43 Resp: 1462787

Ion Ratio Lower Upper

43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

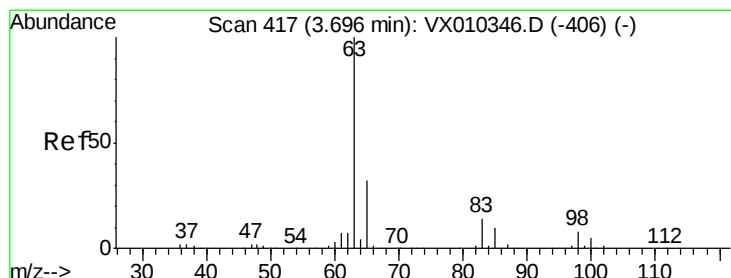
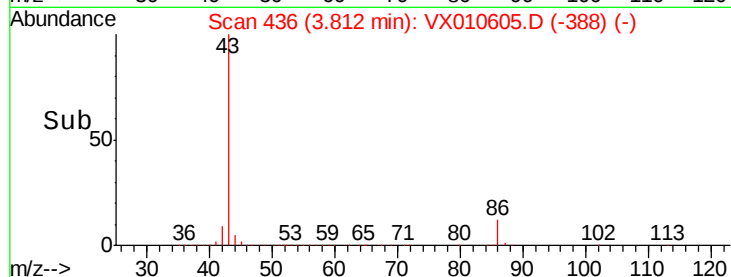
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.459 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

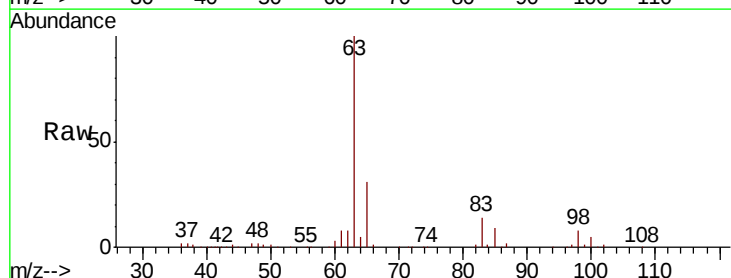
Tgt Ion: 63 Resp: 188646

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

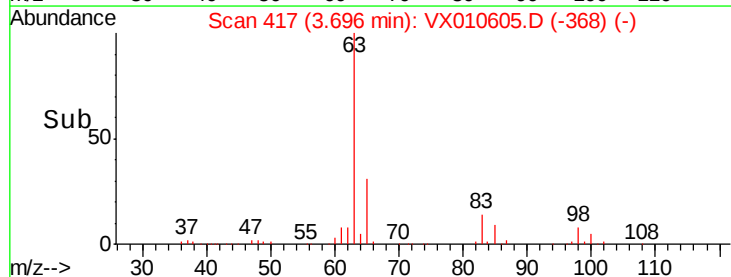
40000

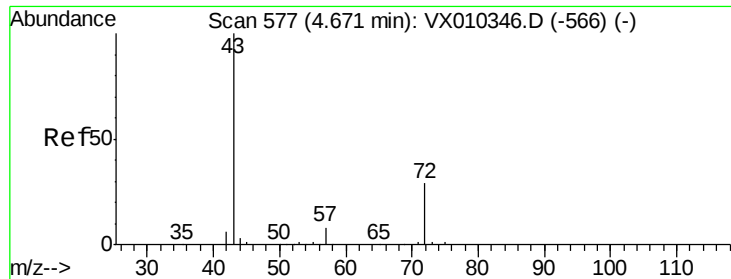
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 254.832 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

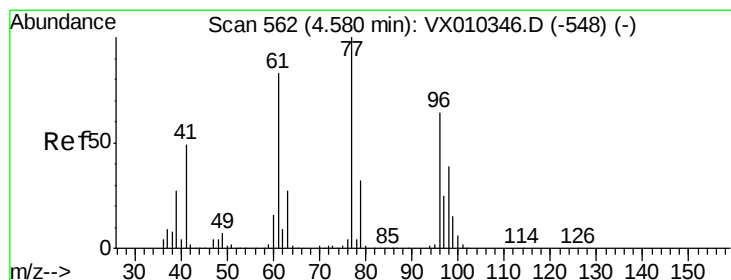
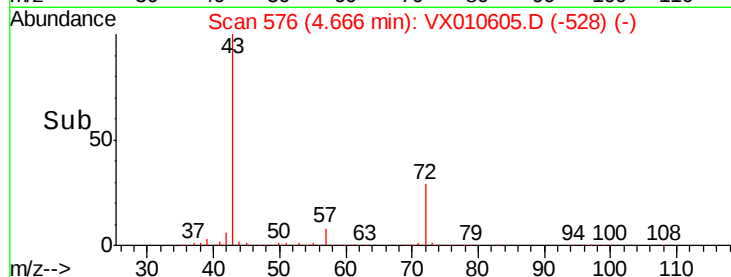
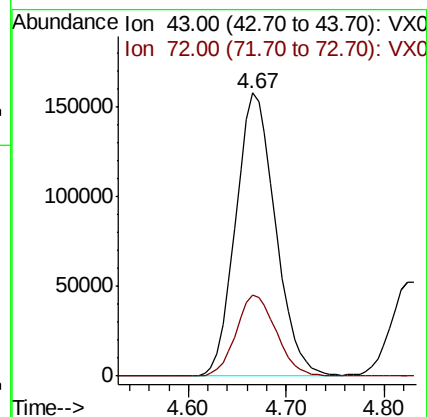
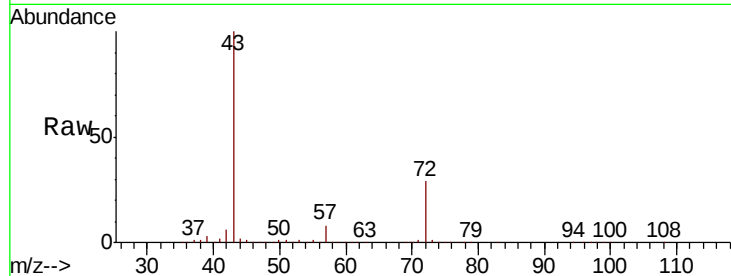
VSTDCCC050

Tot Ion: 43 Resp: 441556

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 51.320 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010605.D

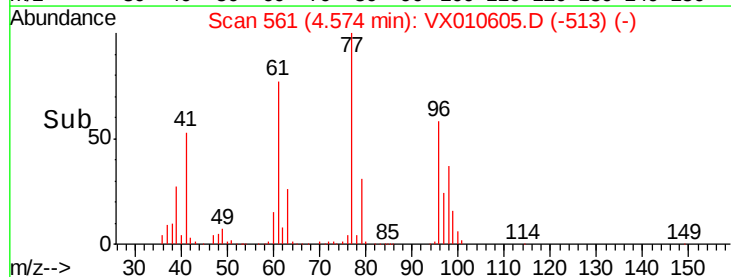
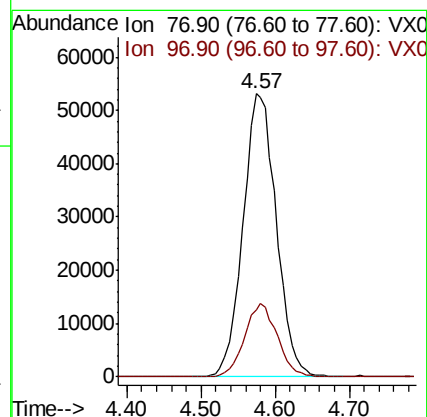
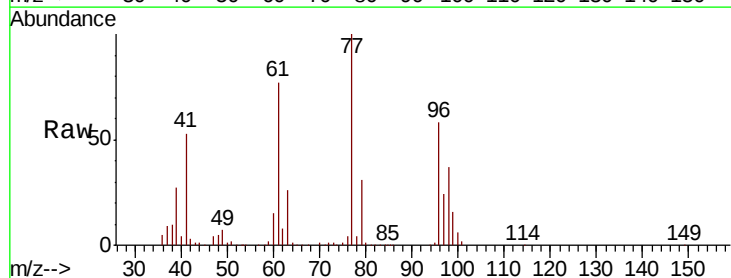
Acq: 02 Jul 2019 10:12

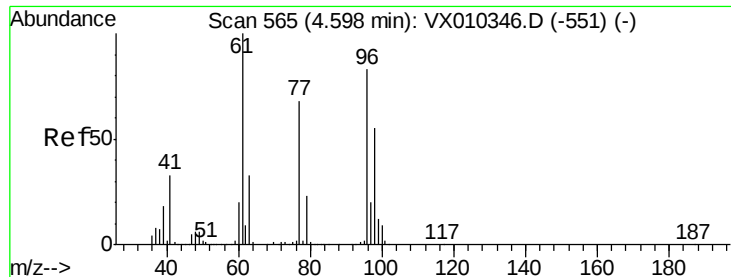
Tgt Ion: 77 Resp: 166672

Ion Ratio Lower Upper

77 100

97 25.4 13.1 39.3



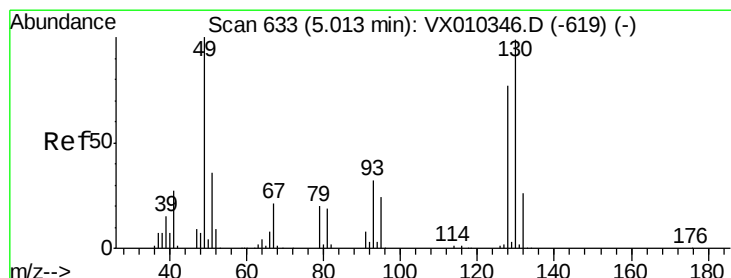
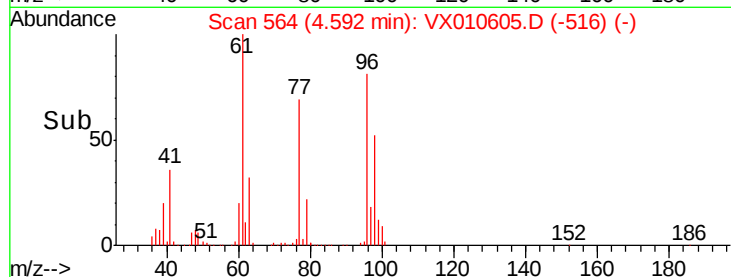
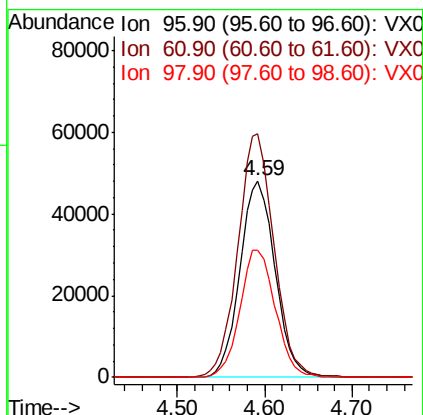
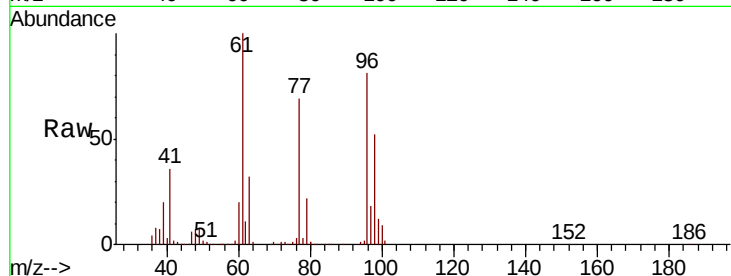


#27

cis-1,2-Dichloroethene
 Concen: 49.726 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

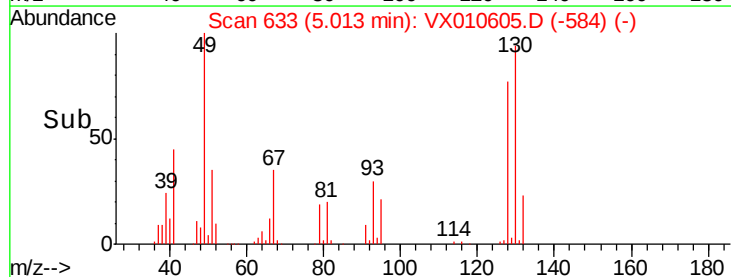
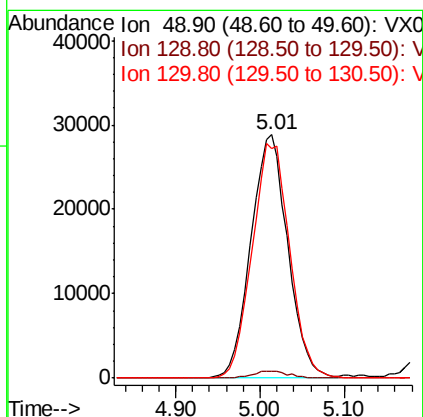
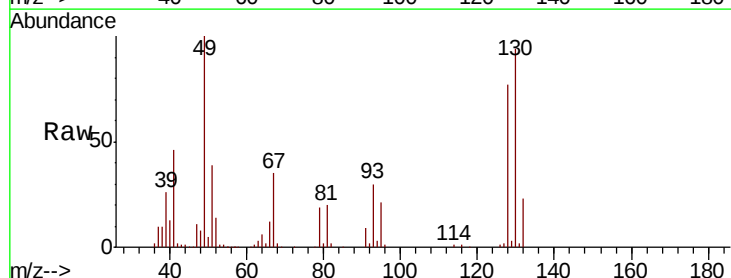
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	251.8
98	65.4	0.0	129.4

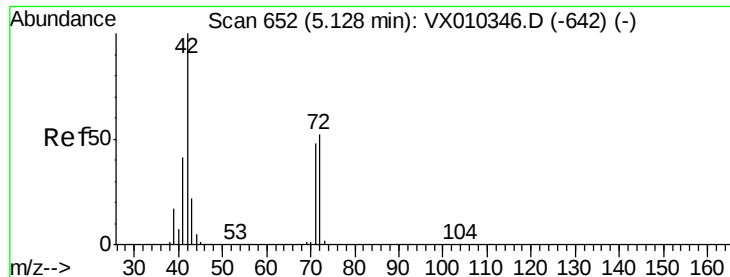


#28

Bromochloromethane
 Concen: 48.345 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	98.1	81.4	122.0





#29

Tetrahydrofuran

Concen: 242.575 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

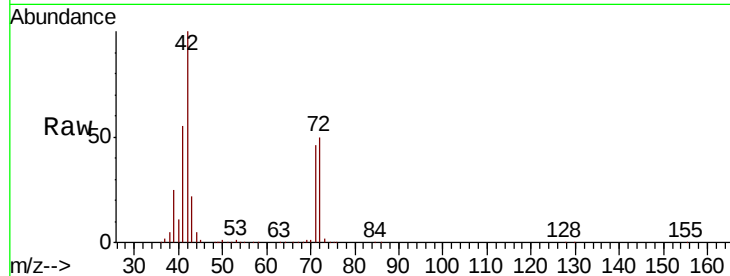
Tot Ion: 42 Resp: 260348

Ion Ratio Lower Upper

42 100

72 50.2 40.6 60.8

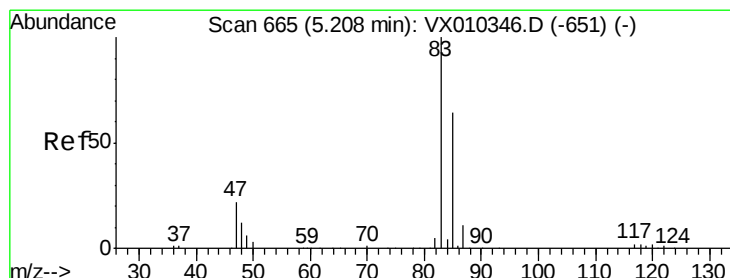
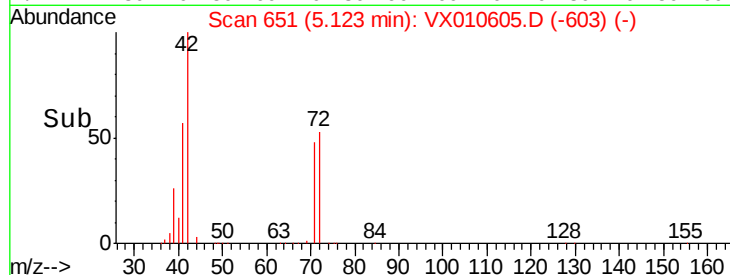
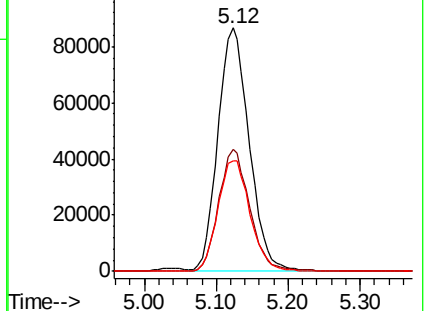
71 46.9 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.438 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX010605.D

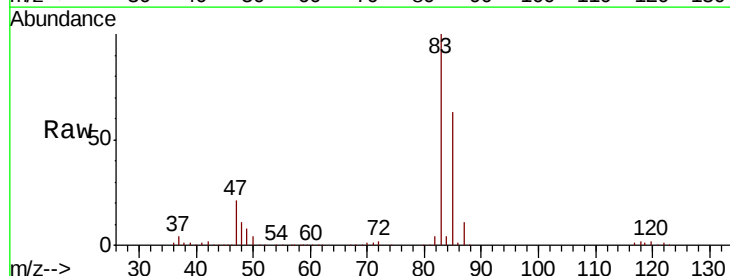
Acq: 02 Jul 2019 10:12

Tgt Ion: 83 Resp: 206911

Ion Ratio Lower Upper

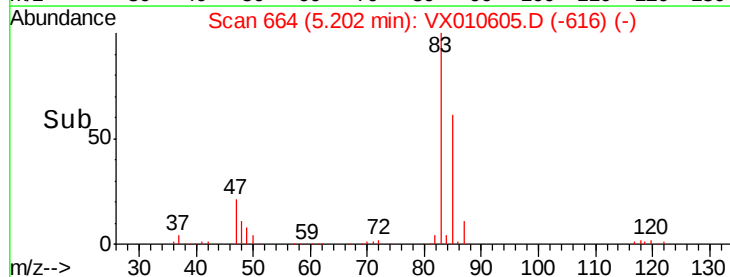
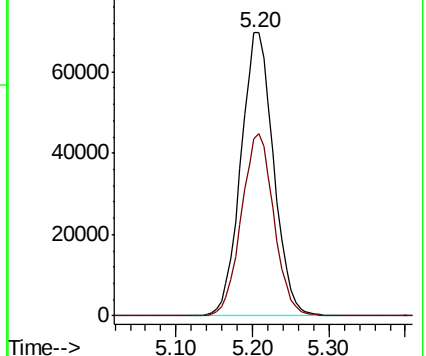
83 100

85 62.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.890 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

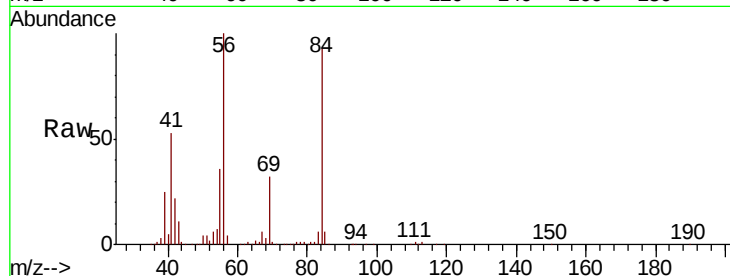
Tot Ion: 56 Resp: 166445

Ion Ratio Lower Upper

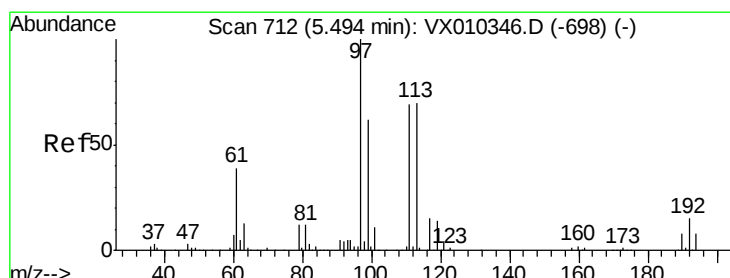
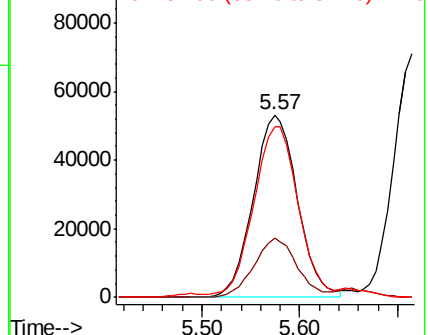
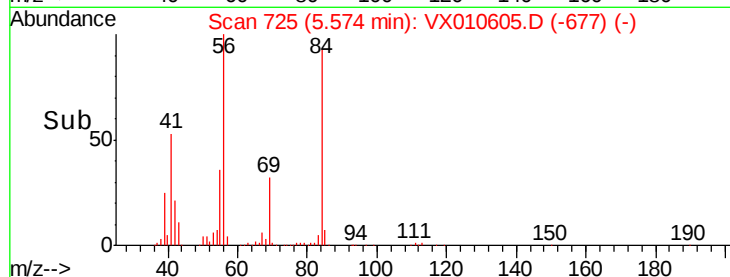
56 100

69 31.9 25.9 38.9

84 91.2 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.159 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

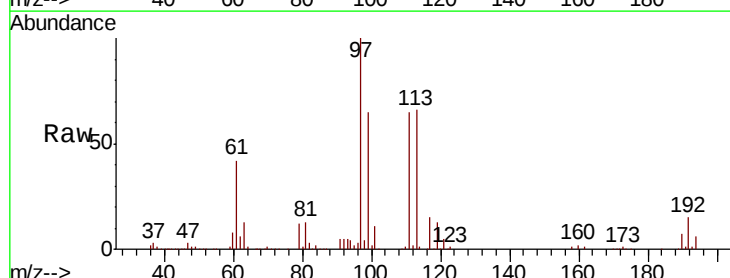
Tgt Ion: 97 Resp: 181709

Ion Ratio Lower Upper

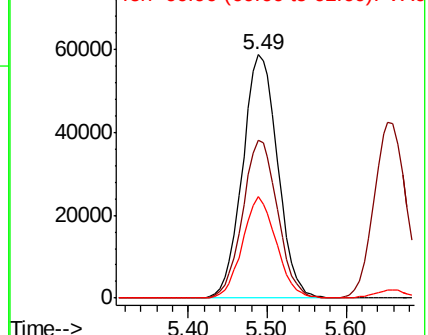
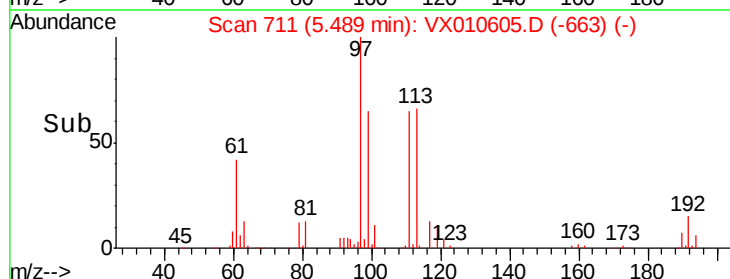
97 100

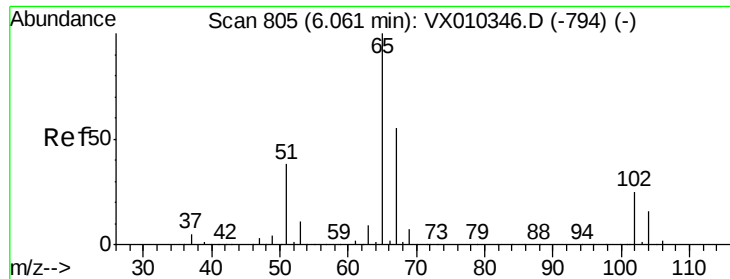
99 64.6 51.8 77.8

61 40.2 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.670 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

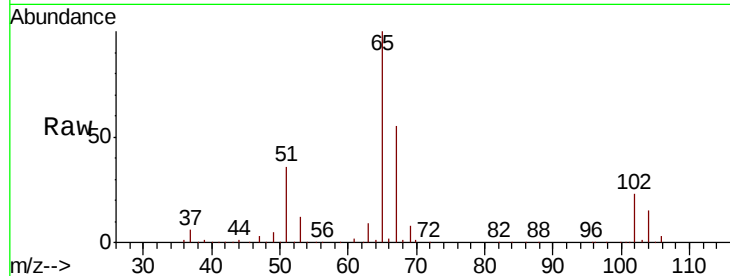
VSTDCCC050

Tot Ion: 65 Resp: 114713

Ion Ratio Lower Upper

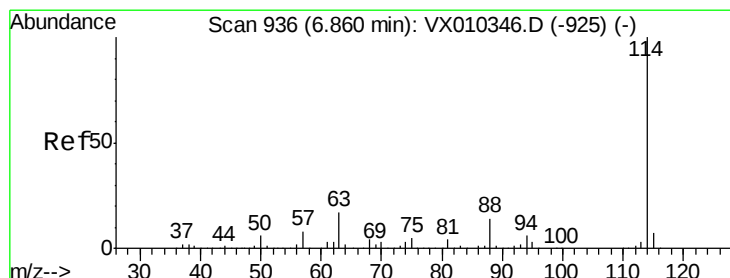
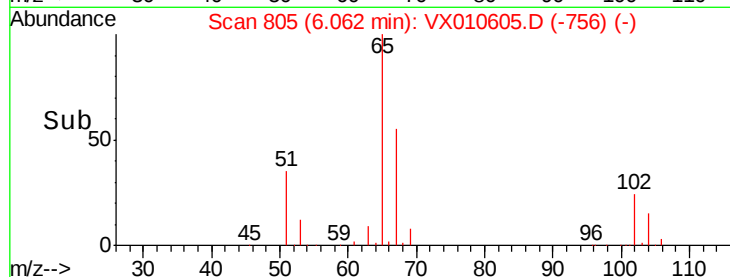
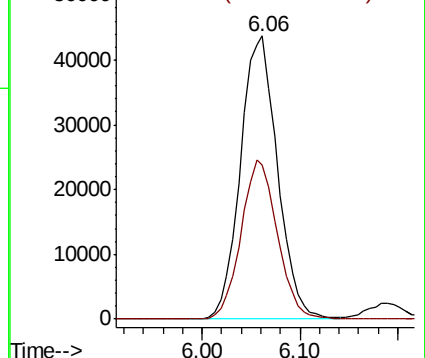
65 100

67 55.0 0.0 110.2



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: VX010605.D

Acq: 02 Jul 2019 10:12

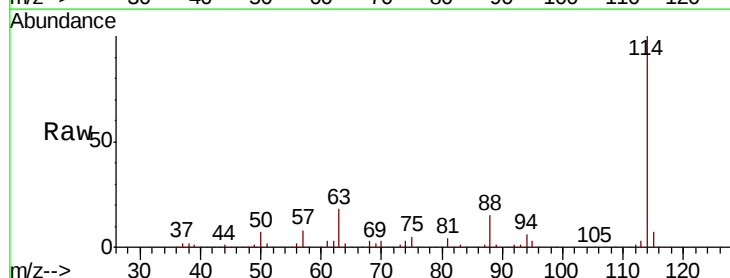
Tgt Ion: 114 Resp: 362891

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.8

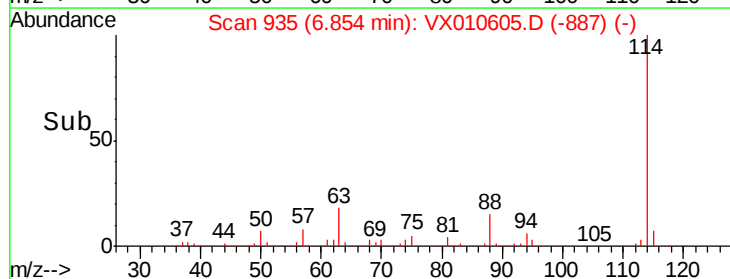
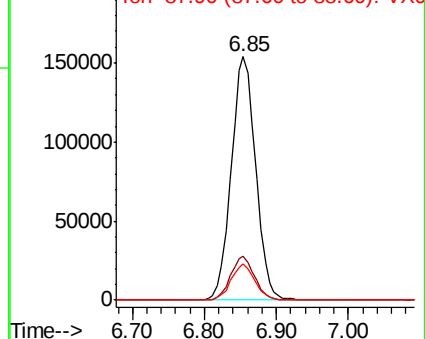
88 14.8 0.0 27.6

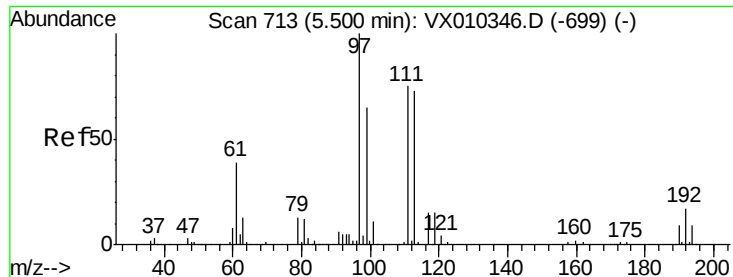


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

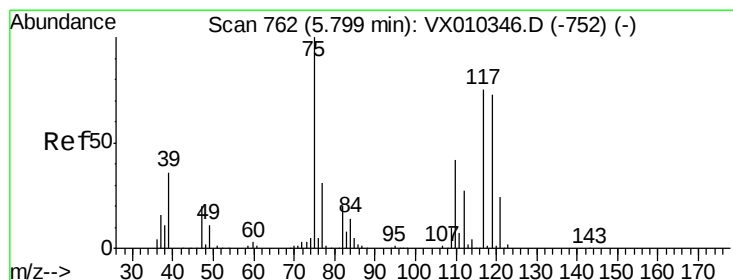
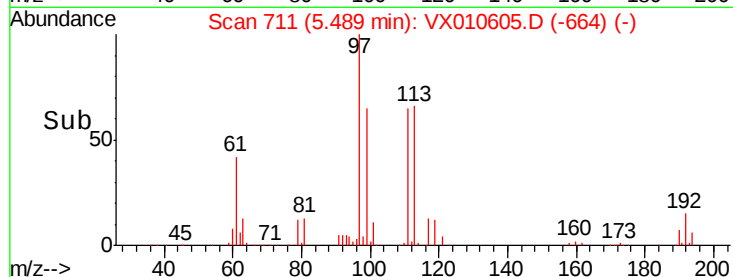
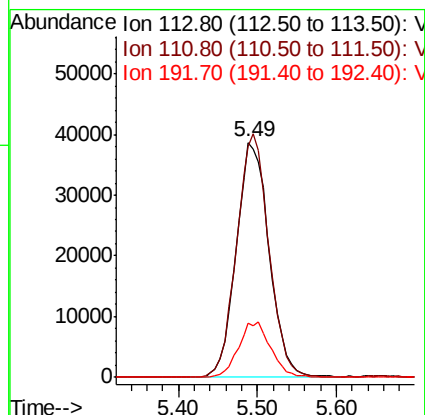
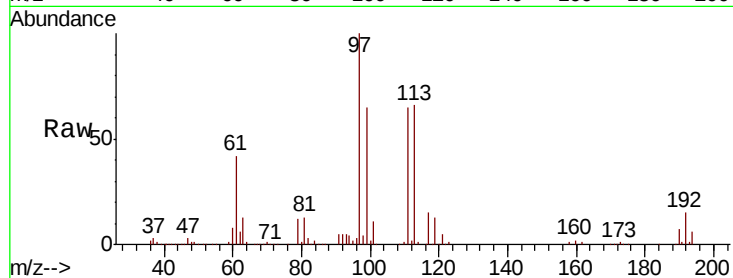




#35
Dibromofluoromethane
Concen: 50.544 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

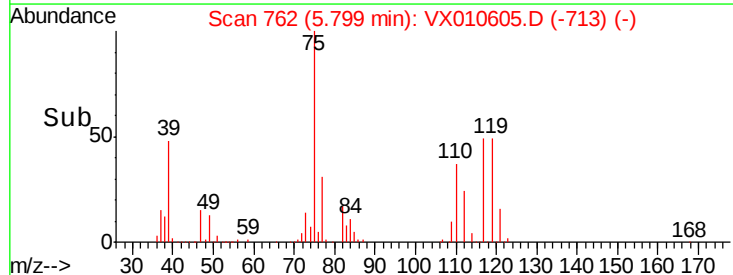
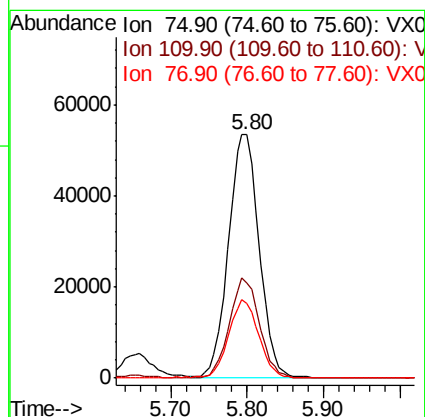
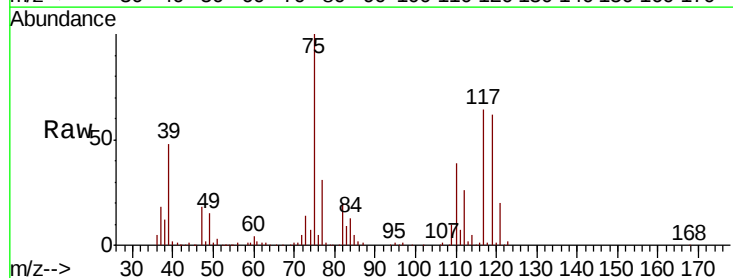
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

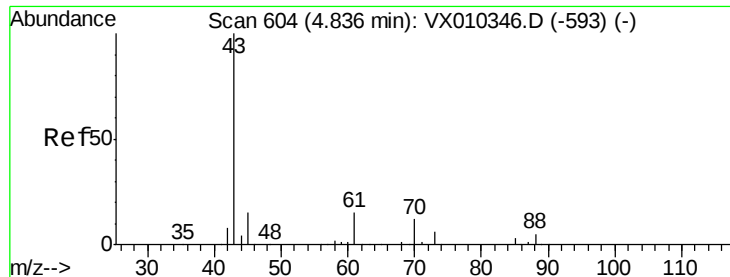
Tot Ion:113 Resp: 112222
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 23.0 18.6 27.8



#36
1,1-Dichloropropene
Concen: 51.436 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 75 Resp: 148329
Ion Ratio Lower Upper
75 100
110 40.4 20.8 62.2
77 32.0 25.4 38.0





#37

Ethyl Acetate

Concen: 52.773 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

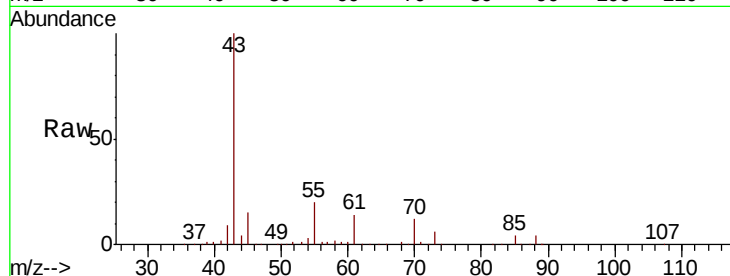
Tot Ion: 43 Resp: 156560

Ion Ratio Lower Upper

43 100

61 15.0 12.4 18.6

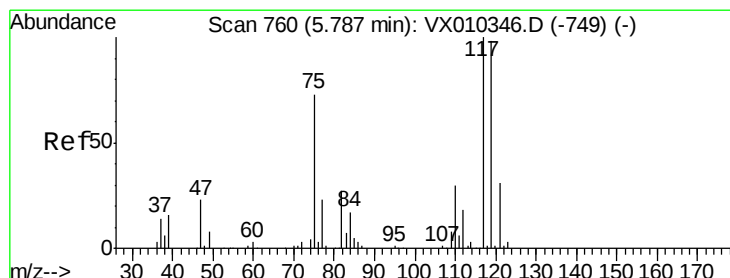
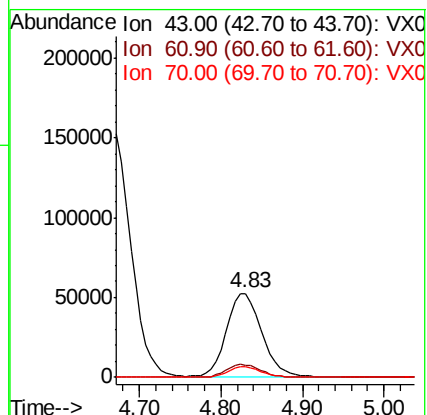
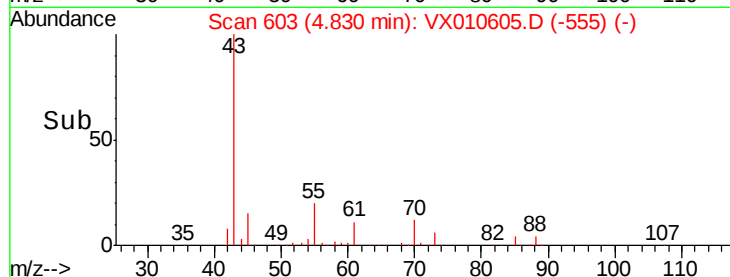
70 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.456 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

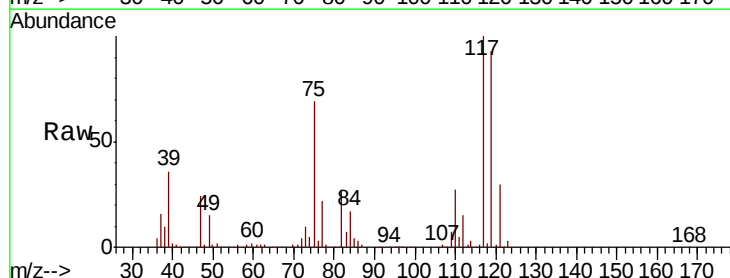
Tgt Ion: 117 Resp: 160680

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.4

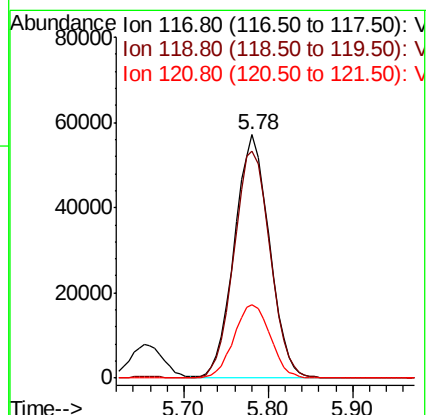
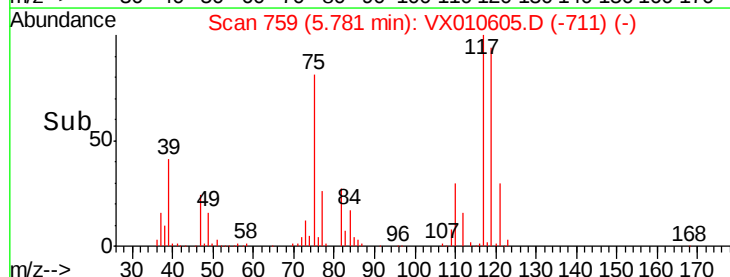
121 29.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

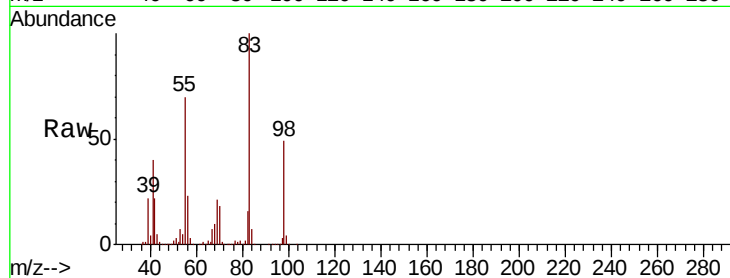




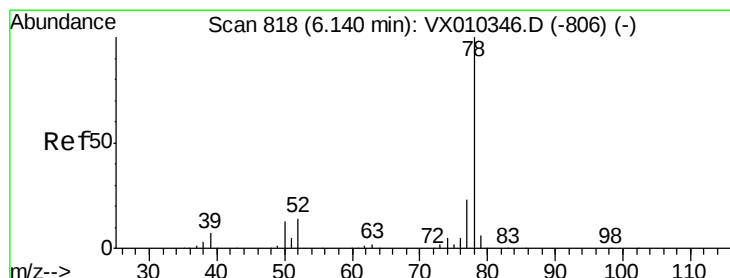
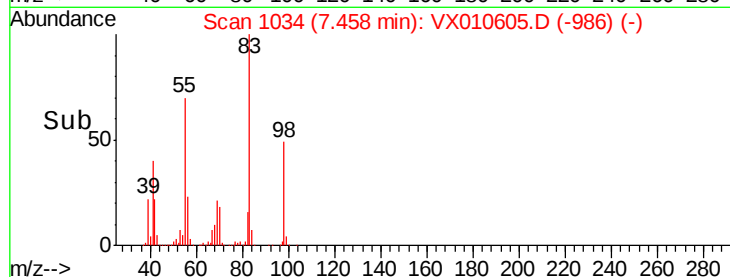
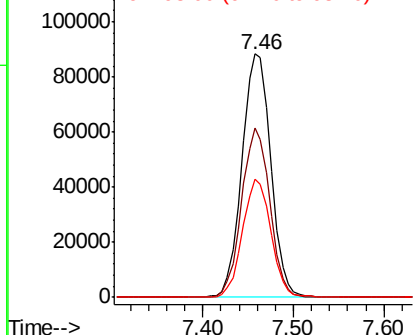
#39
Methvlcvclohexane
Concen: 51.307 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 194483
Ion Ratio Lower Upper
83 100
55 69.7 53.0 79.6
98 48.8 37.8 56.8

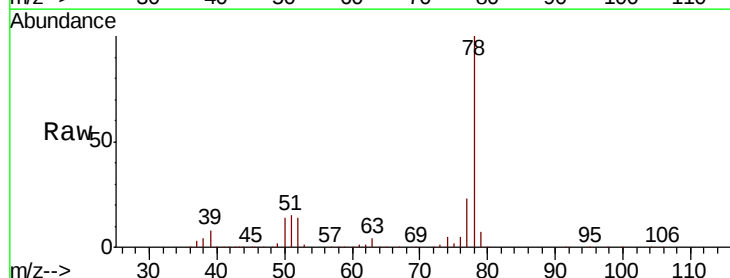


Abundance Ion 83.00 (82.70 to 83.70): VX0
120000 Ion 55.00 (54.70 to 55.70): VX0
100000 Ion 98.00 (97.70 to 98.70): VX0

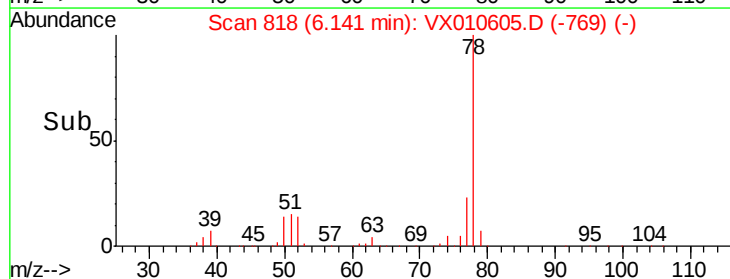
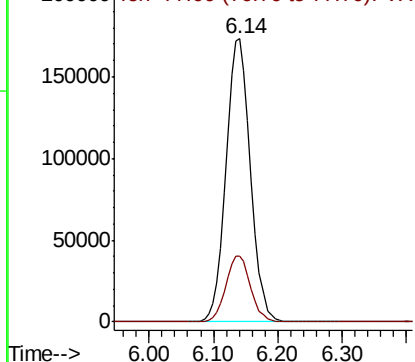


#40
Benzene
Concen: 51.350 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 78 Resp: 461342
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
200000 Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 52.532 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 85510

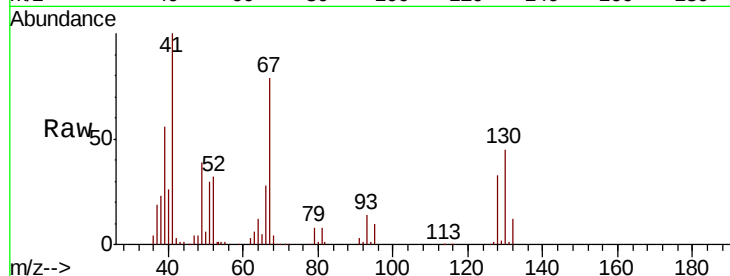
Ion Ratio Lower Upper

41 100

39 54.6 43.8 65.8

67 82.1 66.6 100.0

52 32.0 24.5 36.7

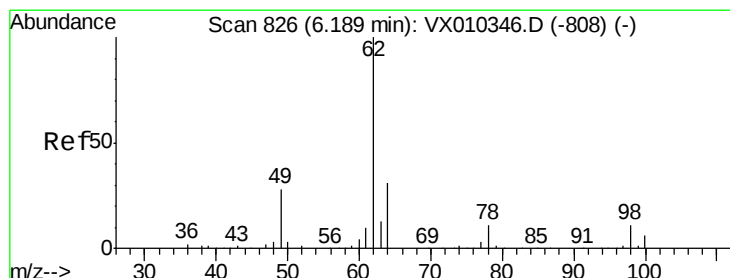
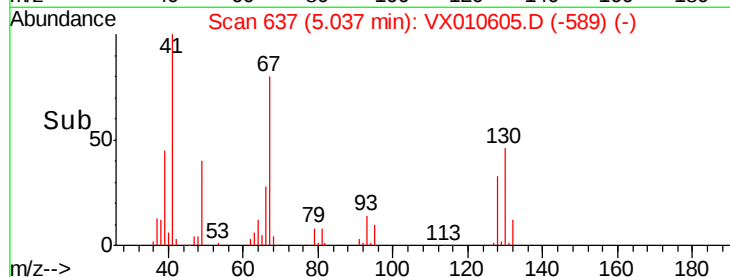
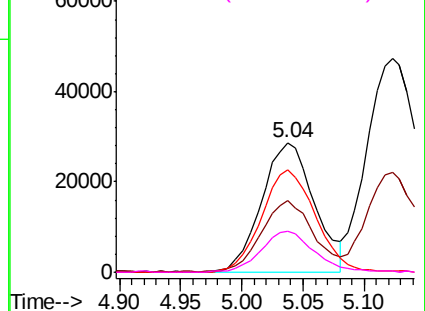


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.697 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010605.D

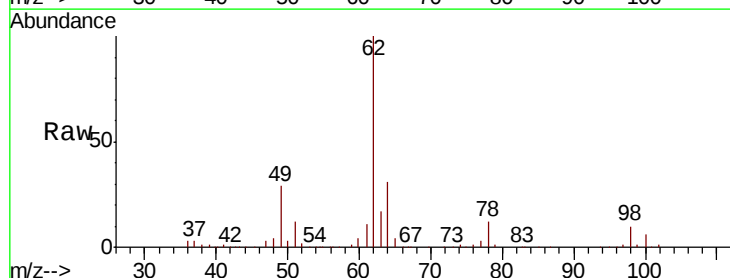
Acq: 02 Jul 2019 10:12

Tgt Ion: 62 Resp: 152320

Ion Ratio Lower Upper

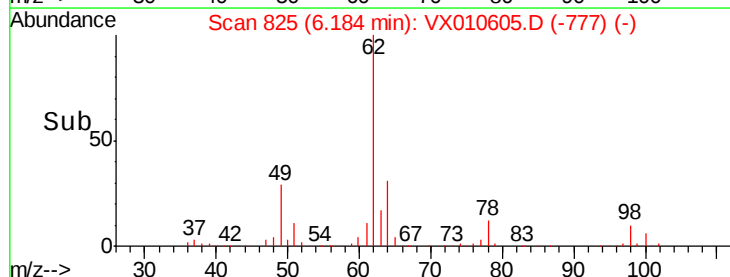
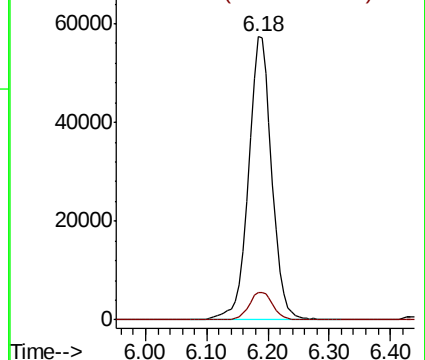
62 100

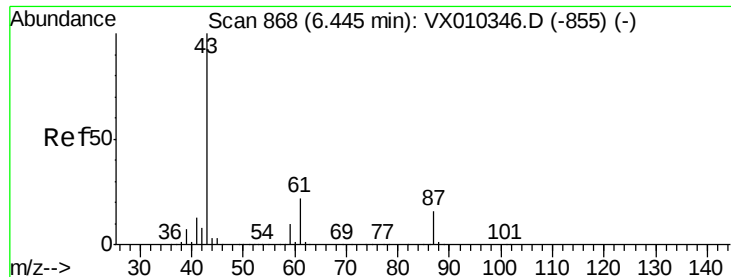
98 10.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



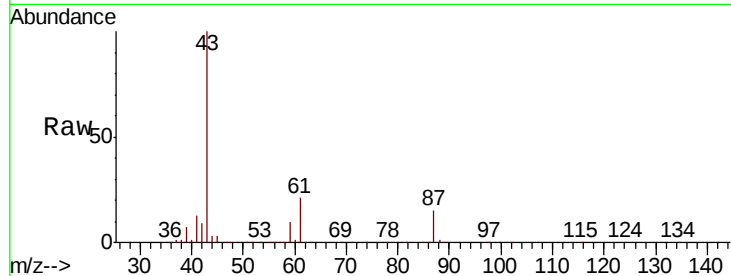


#43

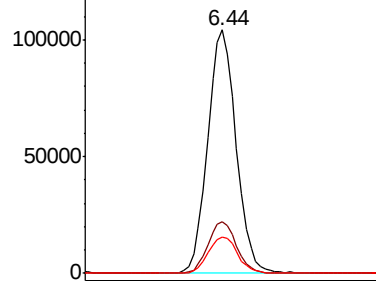
Isopropyl Acetate
 Concen: 52.980 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

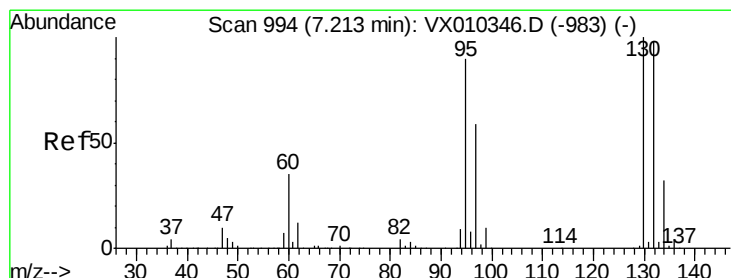
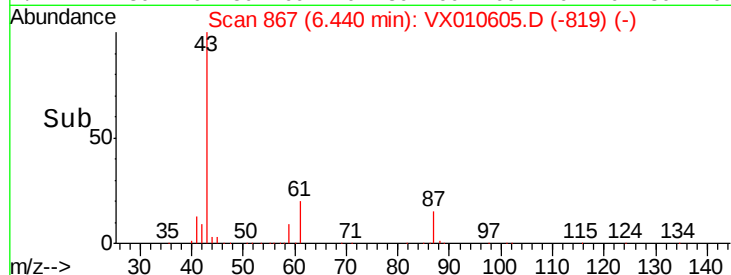
Tot Ion	43	Resp	260040
Ion Ratio	Lower	Upper	
43	100		
61	21.4	17.8	26.6
87	15.6	13.0	19.4



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



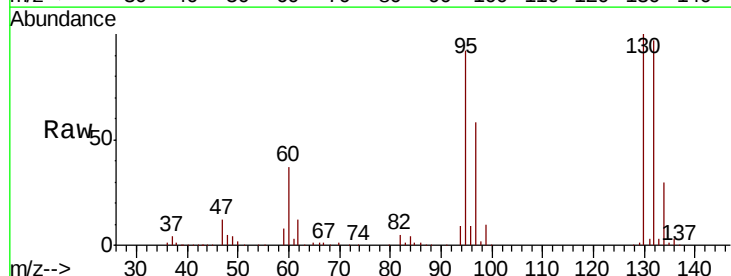
Time-->



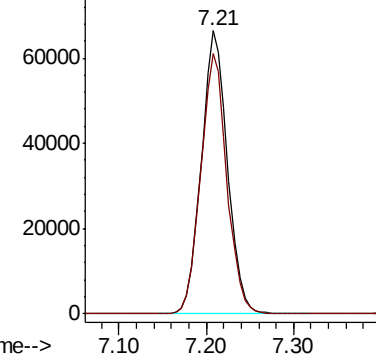
#44

Trichloroethene
 Concen: 51.351 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

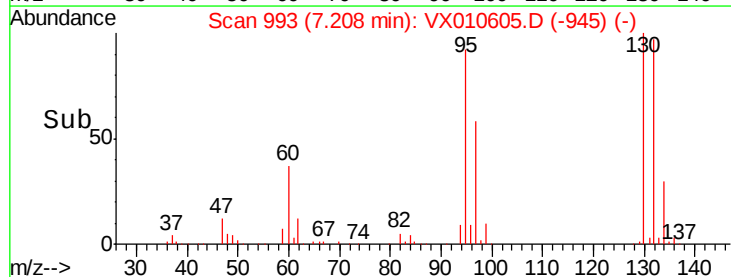
Tgt Ion	130	Resp	138048
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	180.8

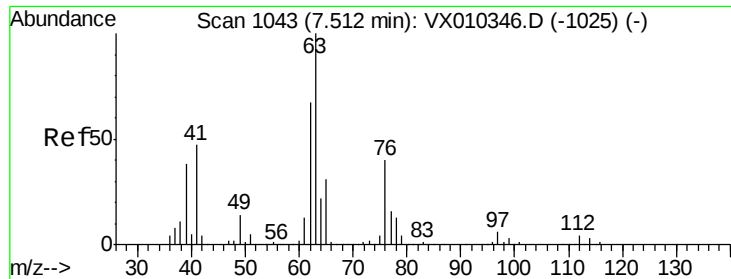


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->

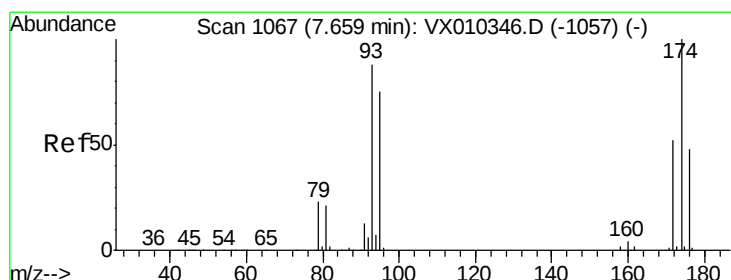
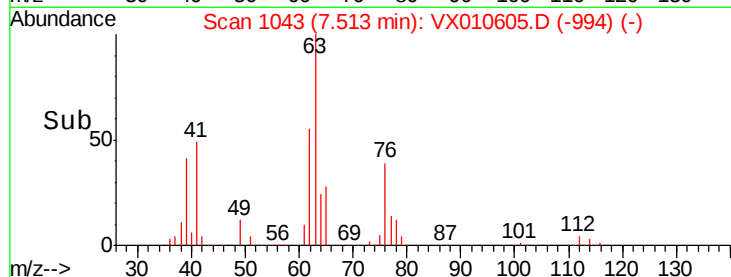
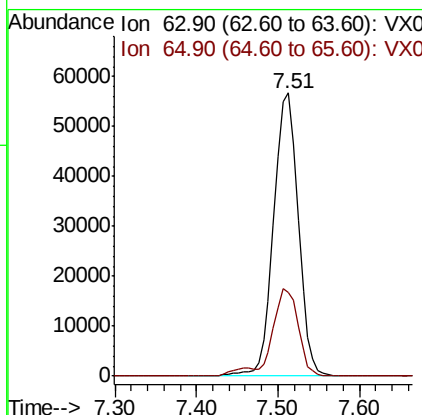
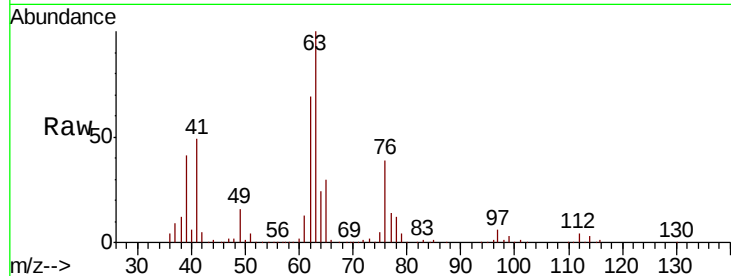




#45
 1,2-Dichloropropane
 Concen: 52.165 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

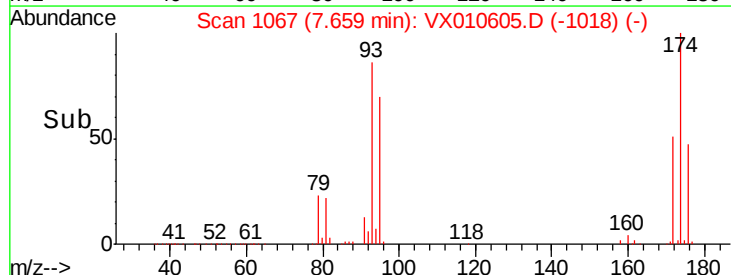
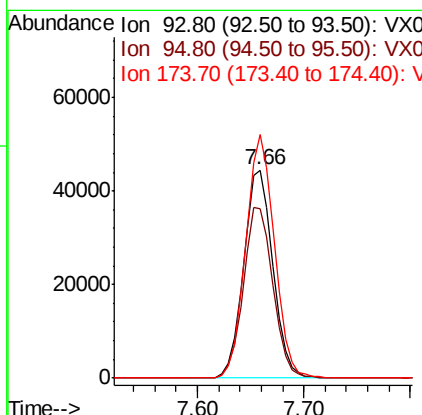
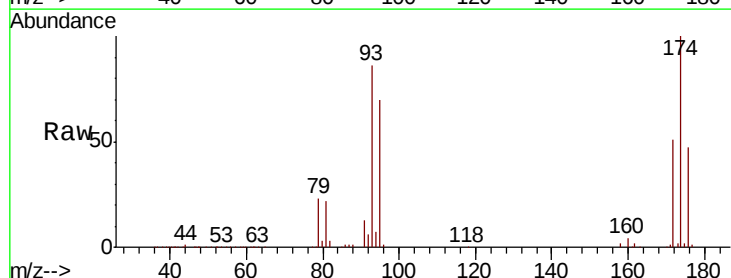
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

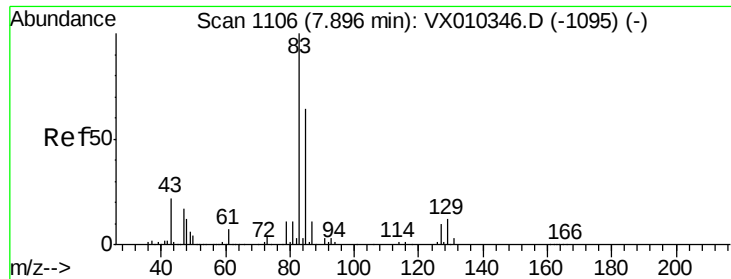
Tot Ion: 63 Resp: 118350
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2



#46
 Dibromomethane
 Concen: 52.890 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion: 93 Resp: 86094
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.5 101.3
 174 114.8 95.8 143.6

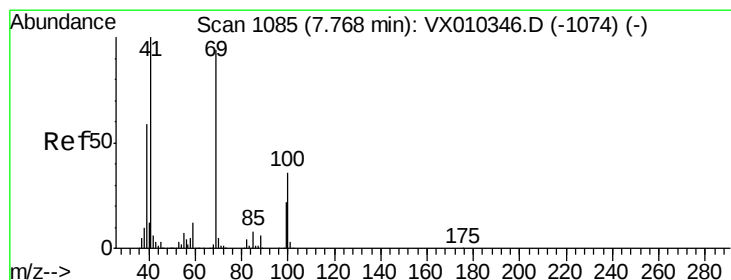
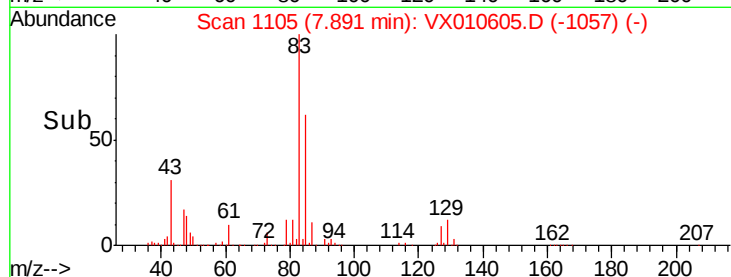
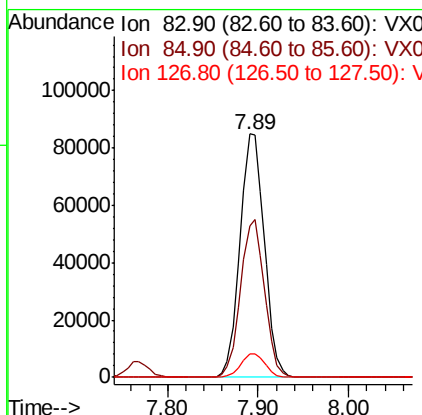
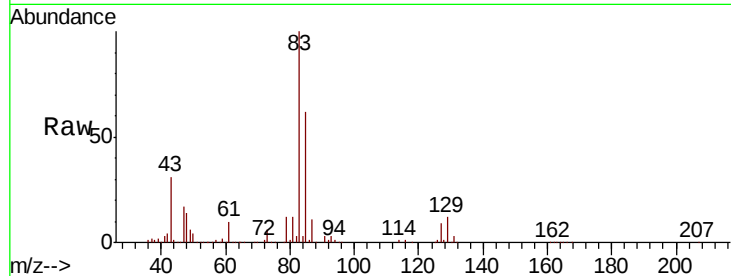




#47
Bromodichloromethane
Concen: 53.011 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

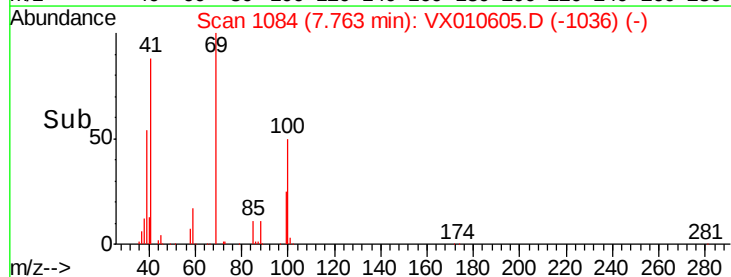
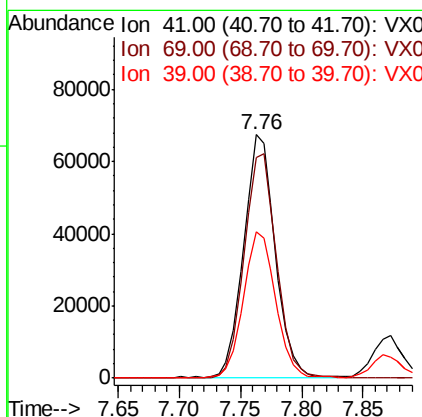
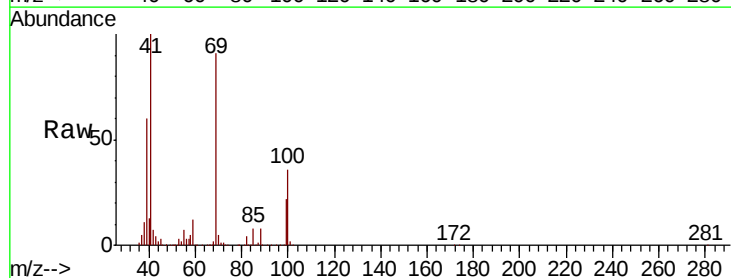
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

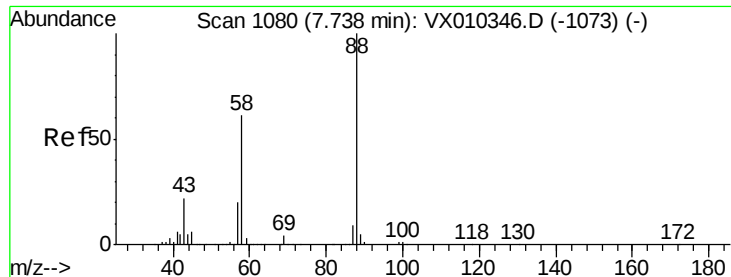
Tot Ion: 83 Resp: 158137
Ion Ratio Lower Upper
83 100
85 62.3 51.5 77.3
127 9.4 7.8 11.8



#48
Methyl methacrylate
Concen: 52.743 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 41 Resp: 120331
Ion Ratio Lower Upper
41 100
69 95.3 76.1 114.1
39 61.4 47.6 71.4





#49

1,4-Dioxane

Concen: 951.880 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

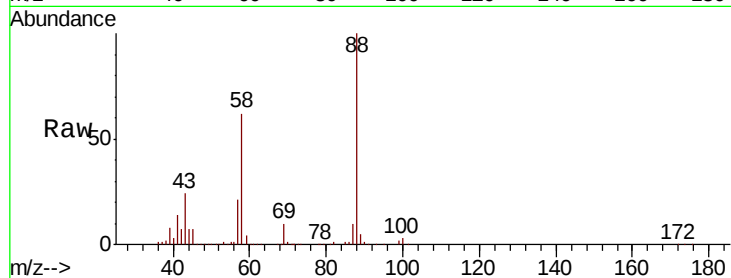
Tot Ion: 88 Resp: 62560

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.2

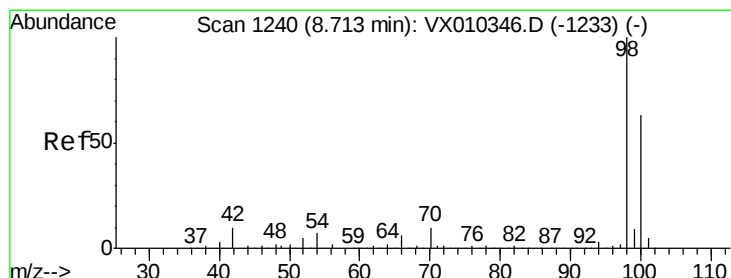
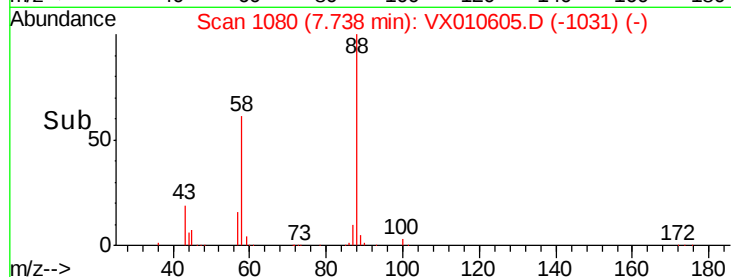
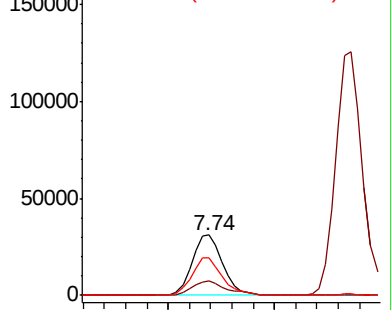
58 61.9 49.5 74.3



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: 49.459 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010605.D

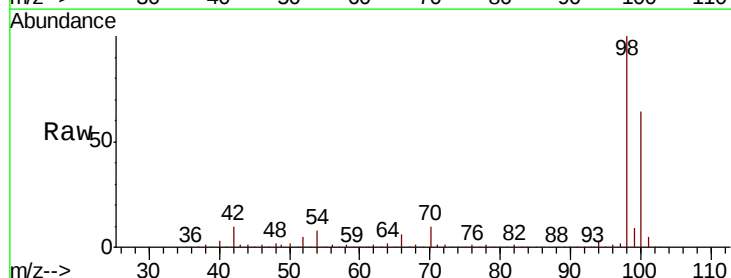
Acq: 02 Jul 2019 10:12

Tgt Ion: 98 Resp: 420127

Ion Ratio Lower Upper

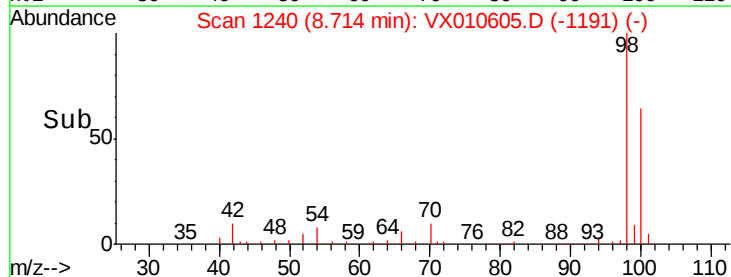
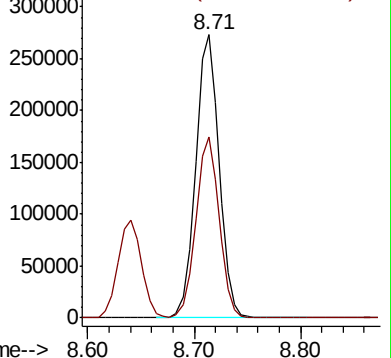
98 100

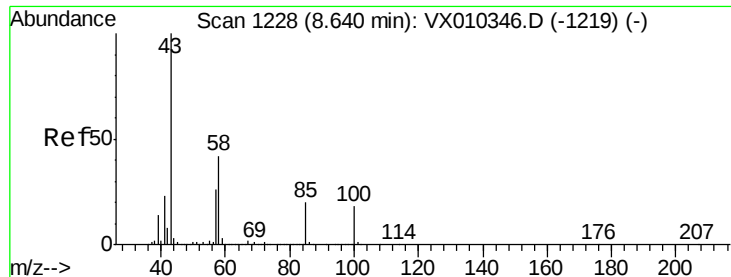
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

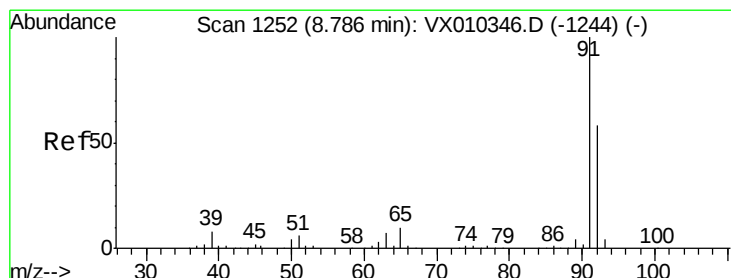
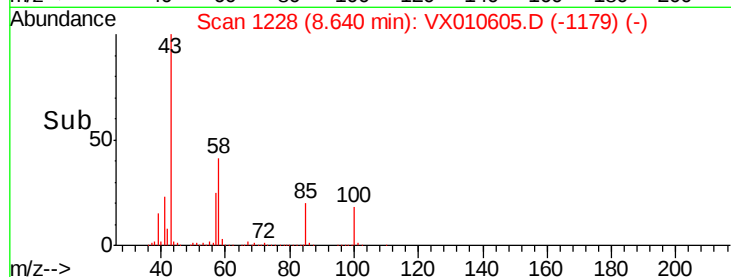
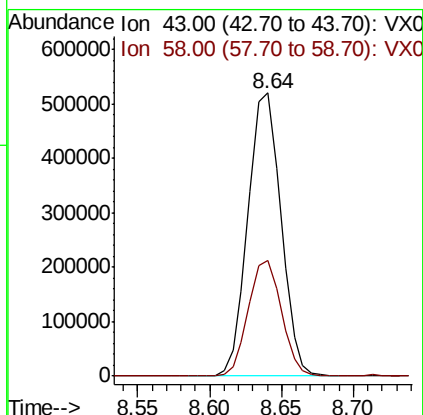
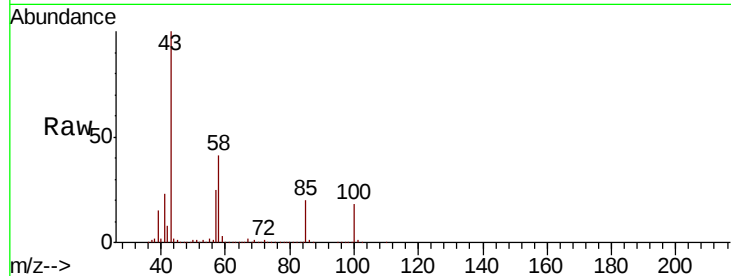




#51
4-Methyl-2-Pentanone
Concen: 263.510 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

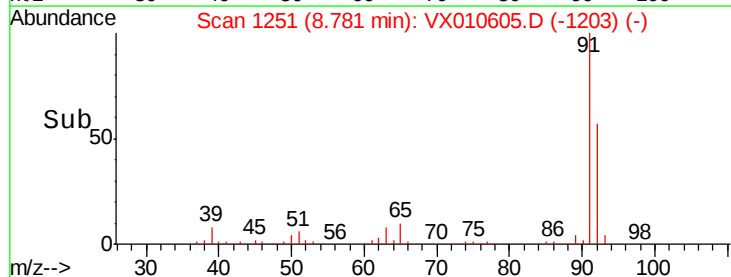
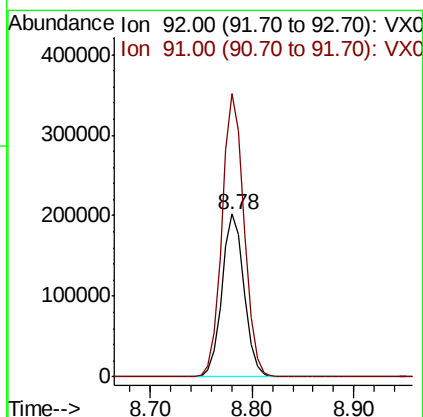
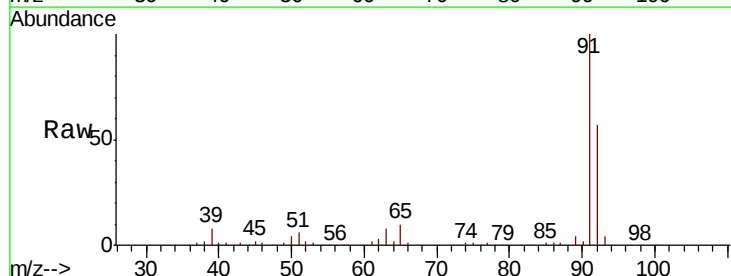
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

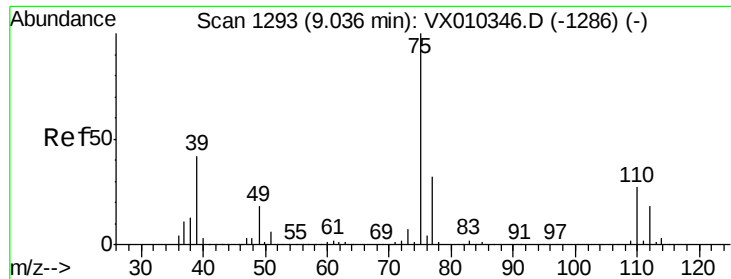
Tot Ion: 43 Resp: 827200
Ion Ratio Lower Upper
43 100
58 41.0 33.5 50.3



#52
Toluene
Concen: 51.529 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 92 Resp: 304868
Ion Ratio Lower Upper
92 100
91 173.5 139.8 209.6

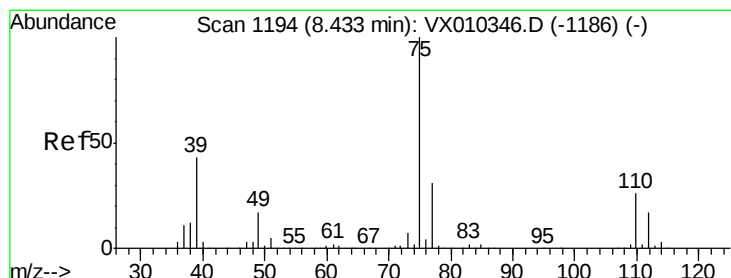
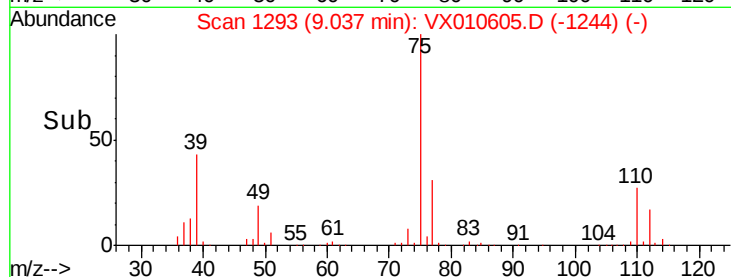
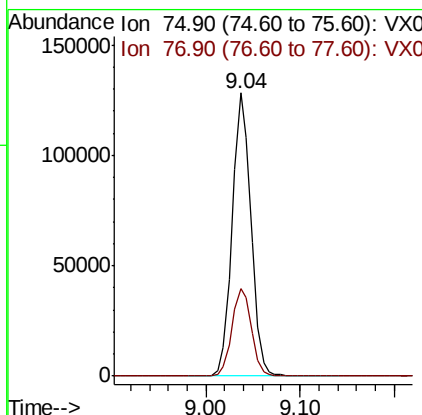
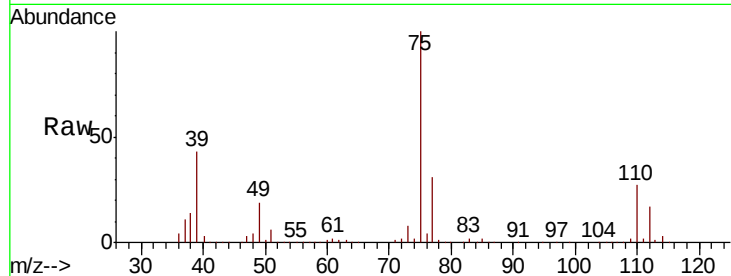




#53
t-1,3-Dichloropropene
Concen: 52.953 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

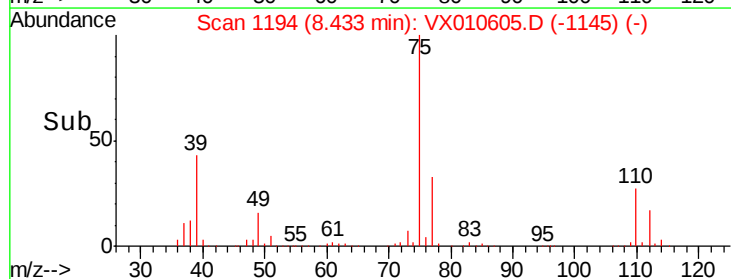
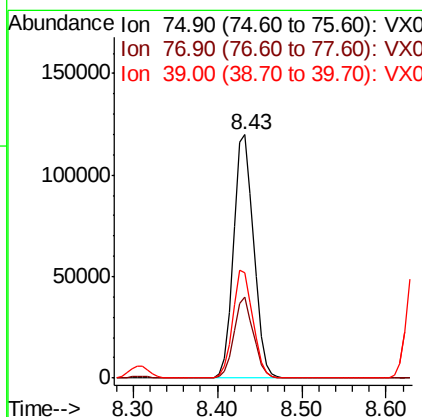
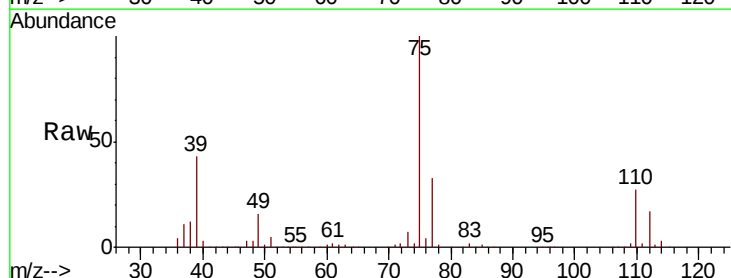
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

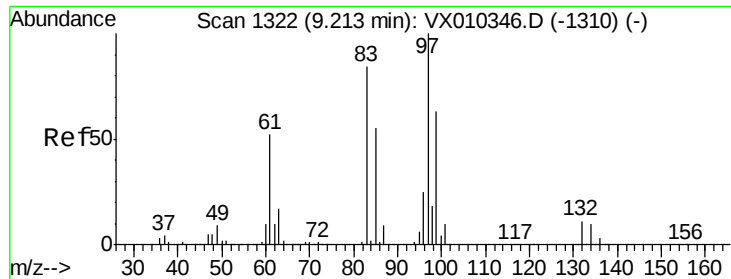
Tot Ion: 75 Resp: 177101
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.276 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 75 Resp: 193632
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 43.0 34.5 51.7

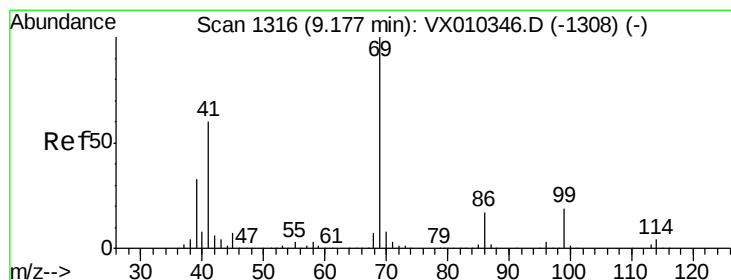
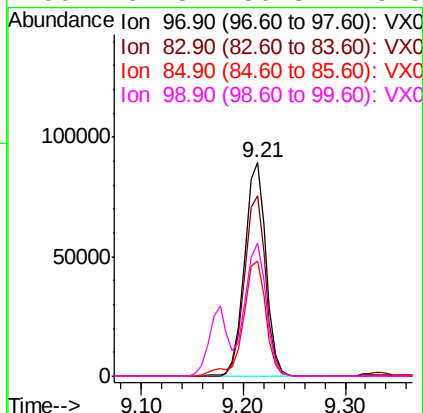
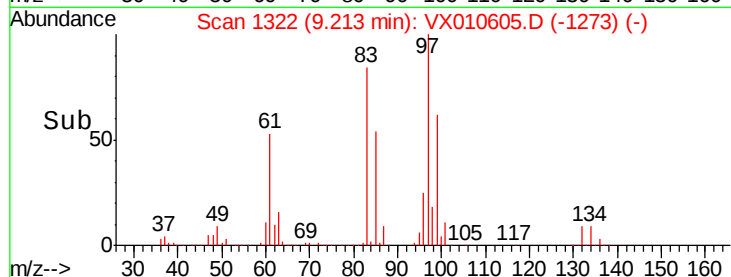
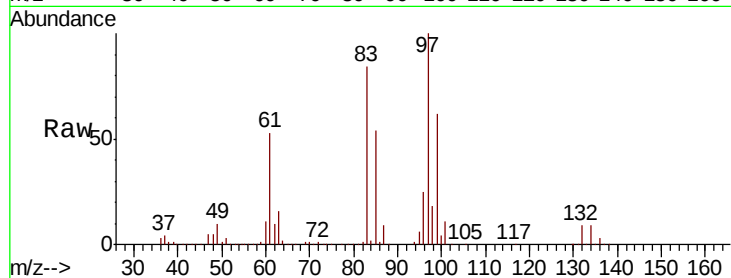




#55
 1,1,2-Trichloroethane
 Concen: 53.444 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

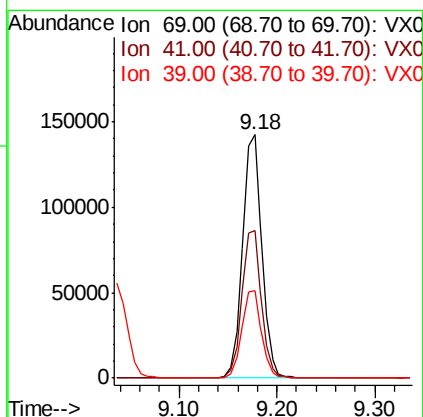
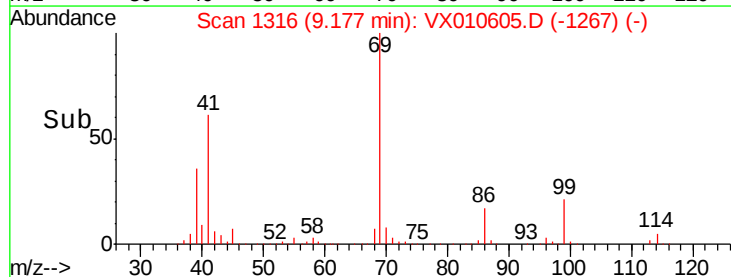
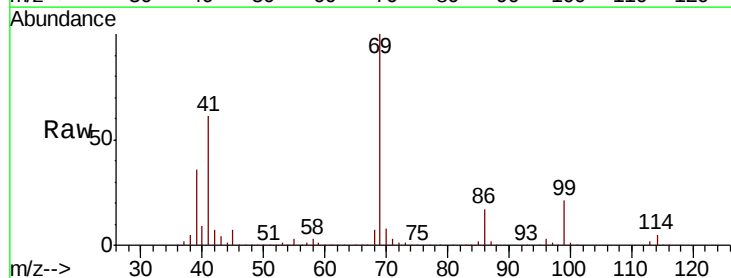
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

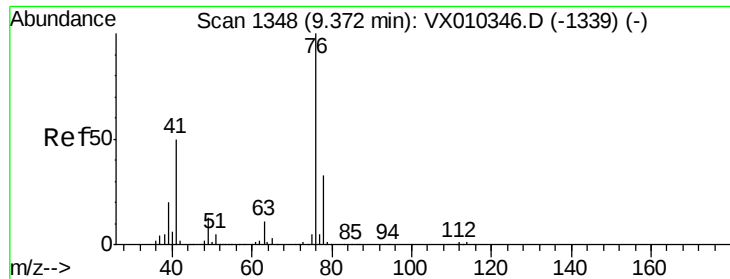
Tot Ion: 97 Resp: 130407
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.4 101.0
 85 53.9 43.8 65.8
 99 62.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 52.731 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion: 69 Resp: 194912
 Ion Ratio Lower Upper
 69 100
 41 60.8 47.1 70.7
 39 36.1 26.6 40.0





#57

1,3-Dichloropropane

Concen: 53.308 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

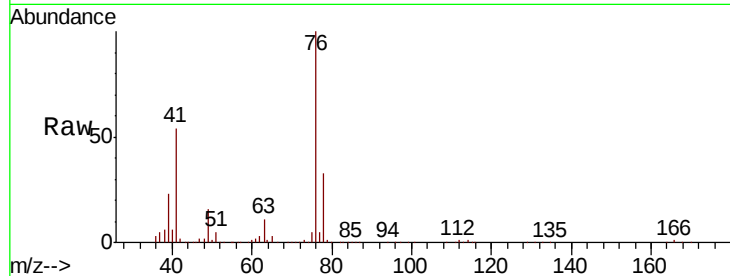
VSTDCCC050

Tot Ion: 76 Resp: 201915

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

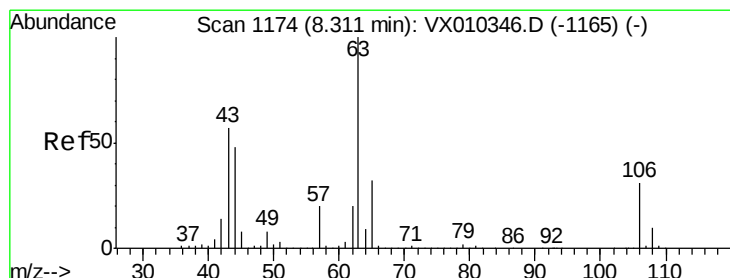
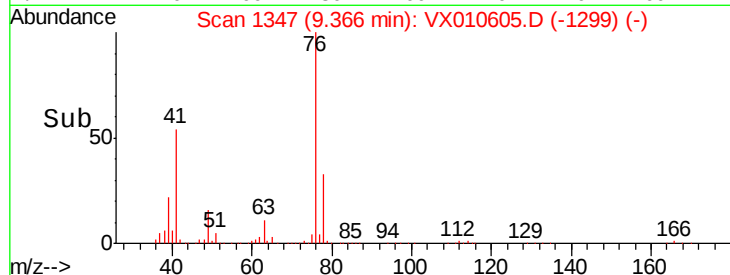
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 286.225 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010605.D

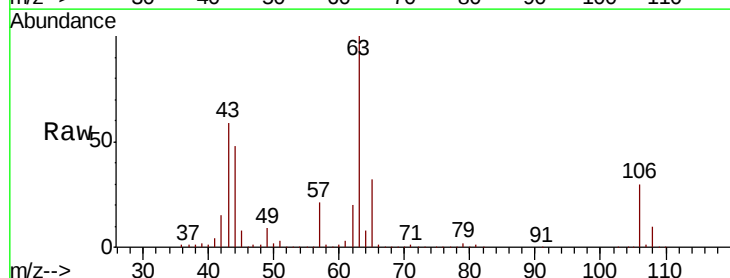
Acq: 02 Jul 2019 10:12

Tgt Ion: 63 Resp: 502469

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

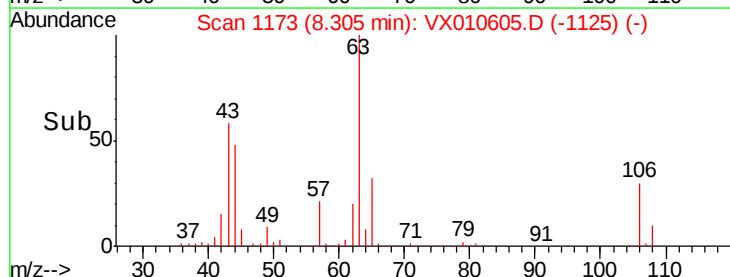
200000

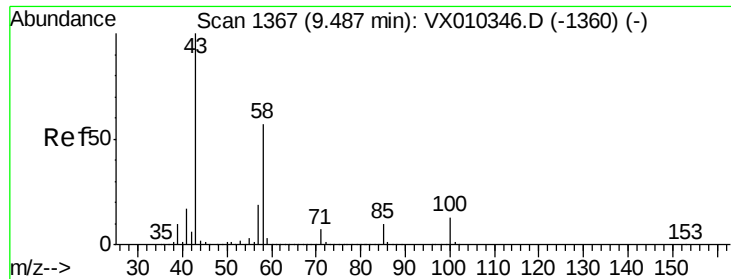
100000

0

Time-->

8.20 8.30 8.40

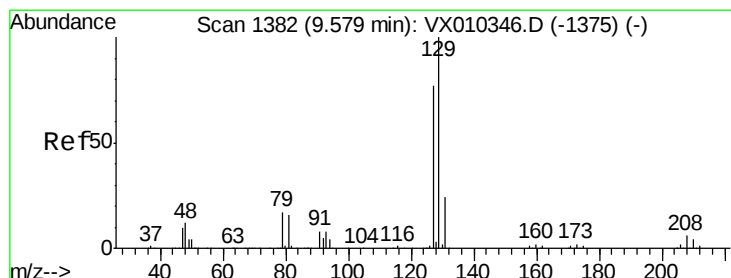
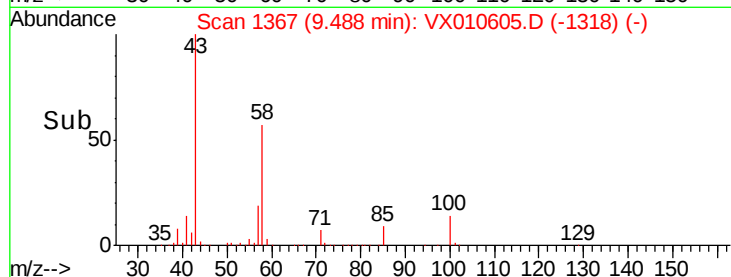
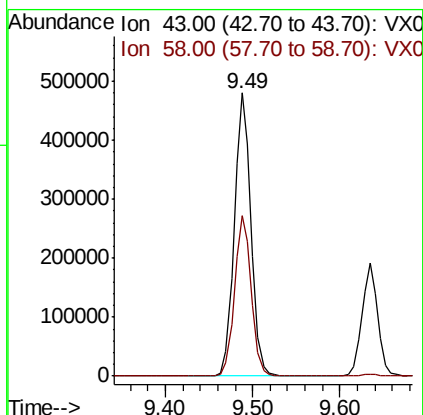
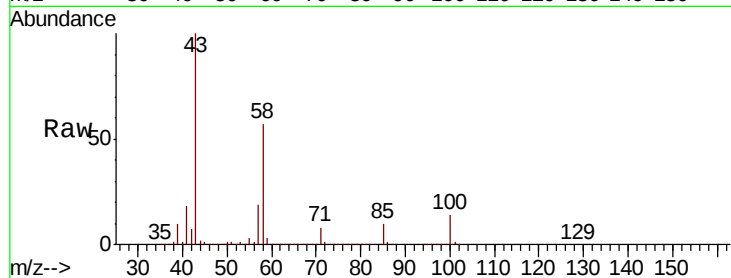




#59
2-Hexanone
Concen: 259.148 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

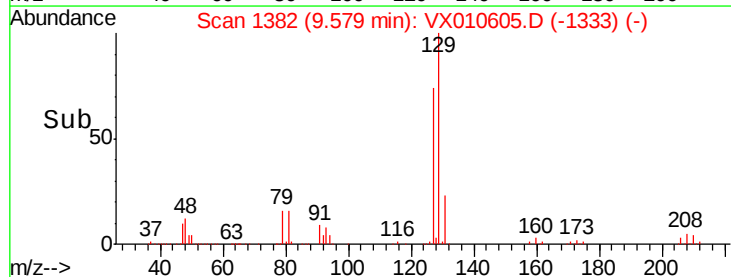
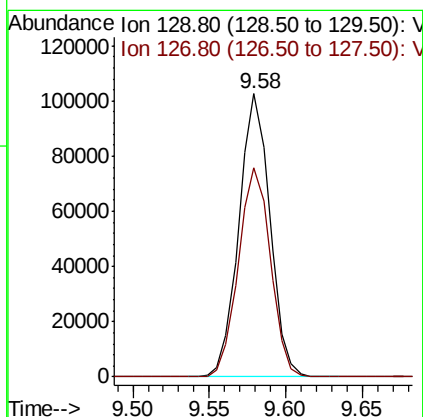
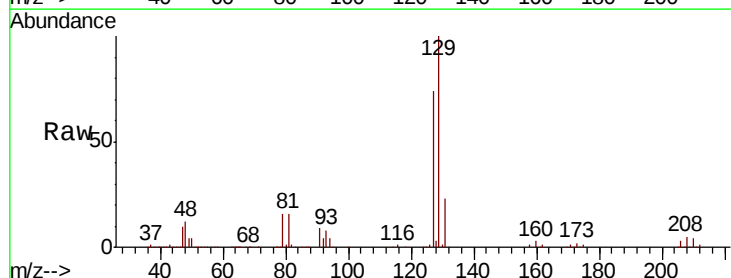
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

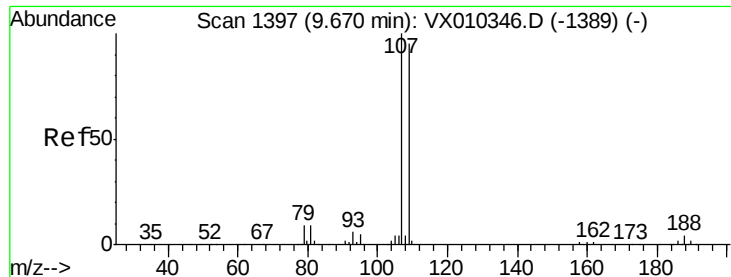
Tot Ion: 43 Resp: 640259
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.1



#60
Dibromochloromethane
Concen: 52.839 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 129 Resp: 144360
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1

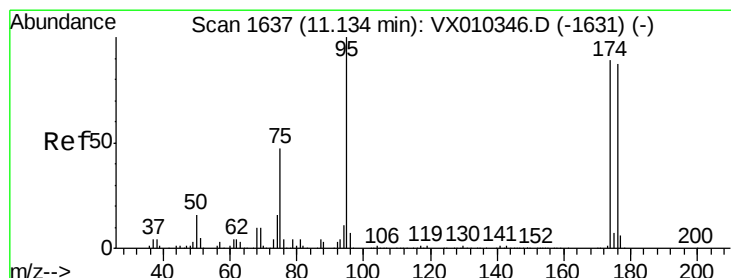
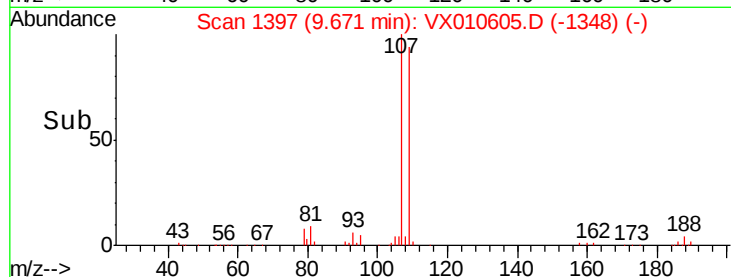
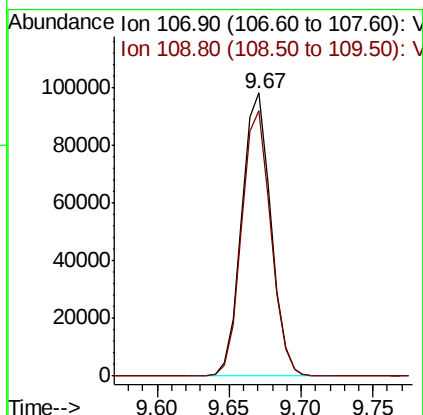
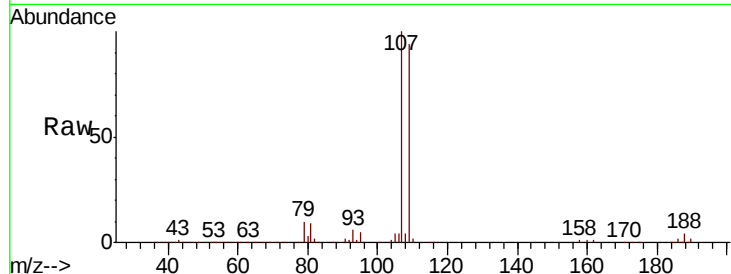




#61
 1,2-Dibromoethane
 Concen: 52.467 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

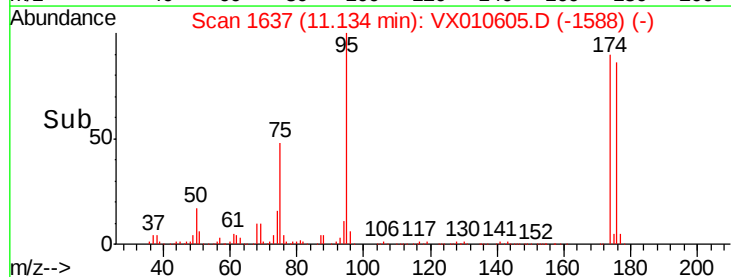
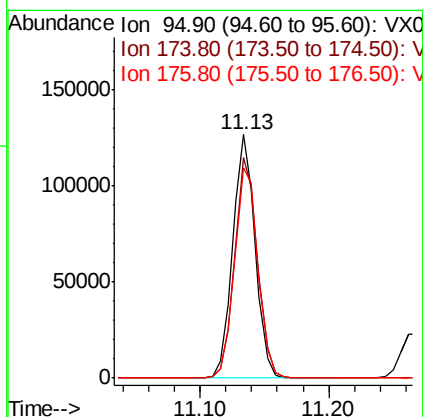
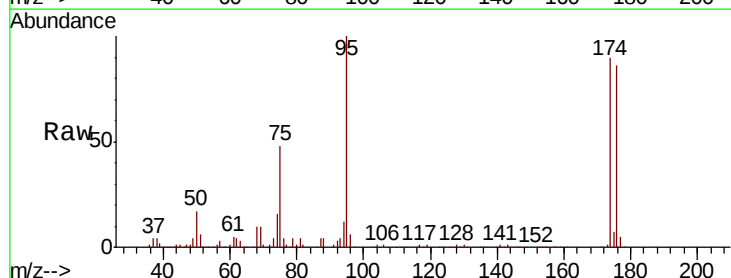
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

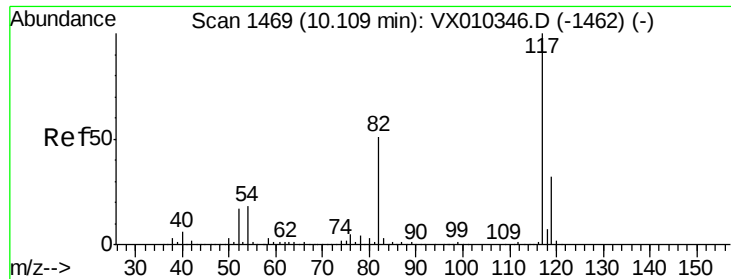
Tot Ion: 107 Resp: 138185
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.052 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion: 95 Resp: 153497
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 187.6
 176 90.4 0.0 184.0

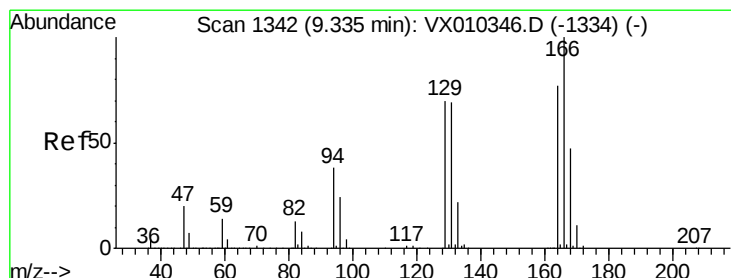
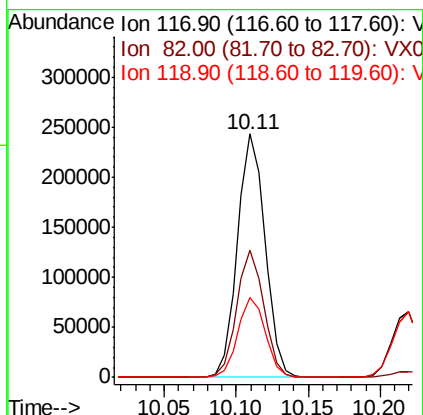
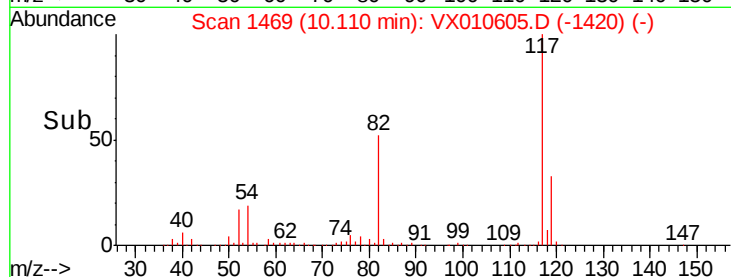
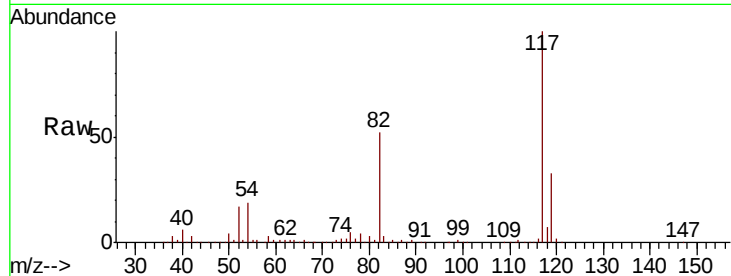




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

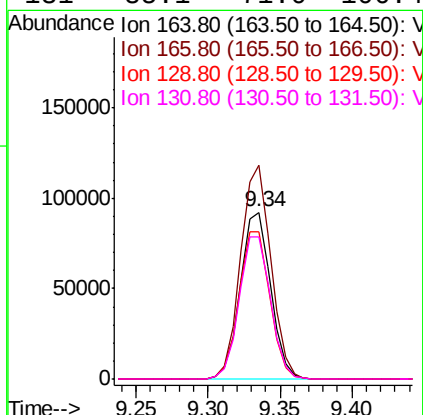
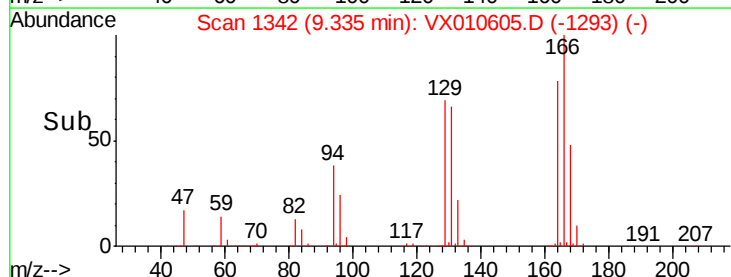
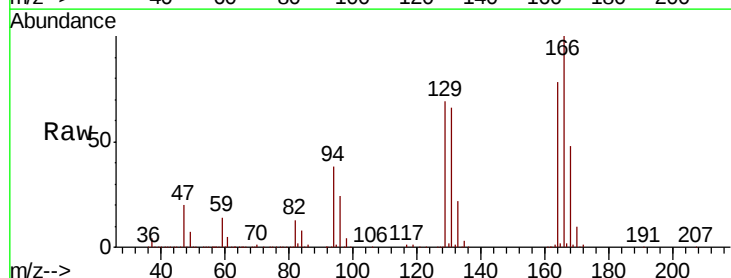
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

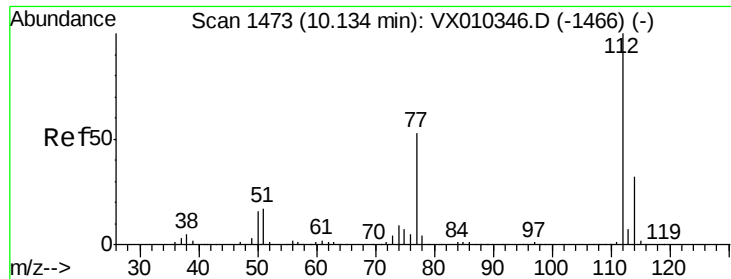
Tot Ion:117 Resp: 326469
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 51.071 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion:164 Resp: 134857
Ion Ratio Lower Upper
164 100
166 128.1 103.6 155.4
129 88.3 73.0 109.4
131 85.1 71.0 106.4

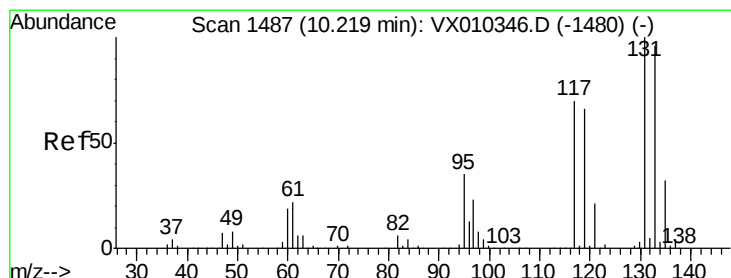
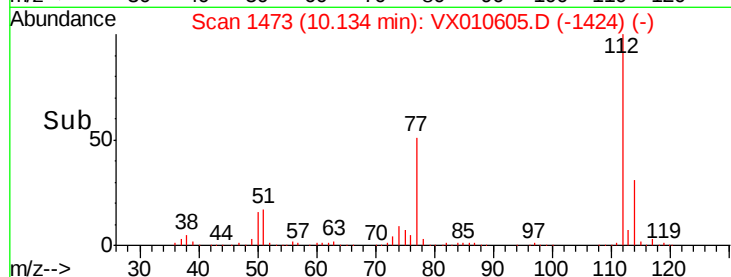
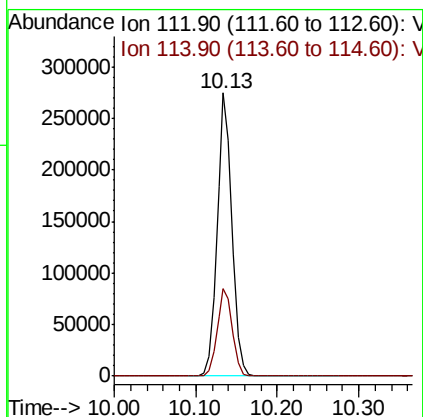
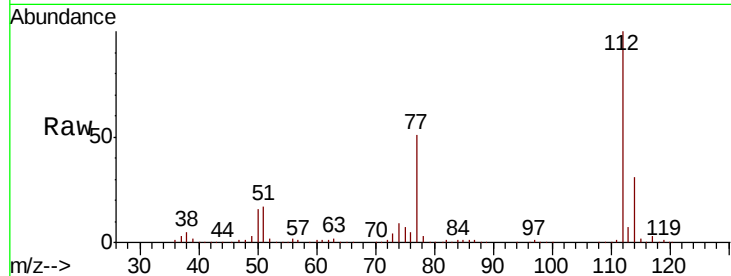




#65
Chlorobenzene
Concen: 52.990 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

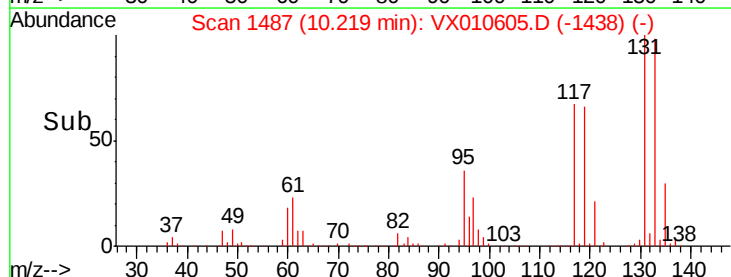
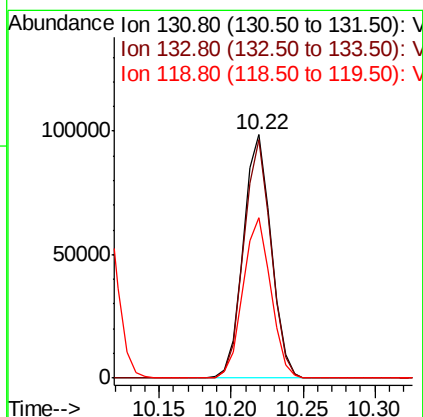
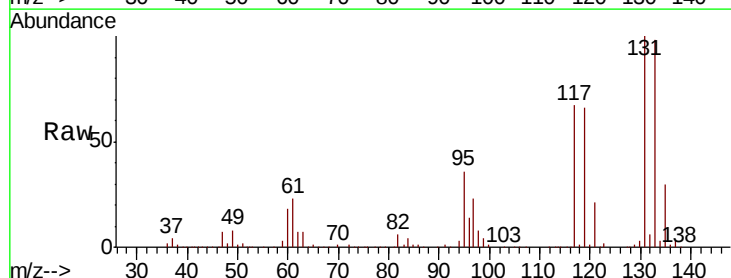
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

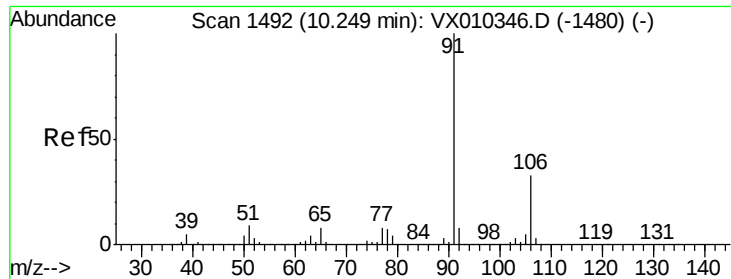
Tot Ion:112 Resp: 351213
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.504 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion:131 Resp: 131587
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 65.9 32.6 97.7

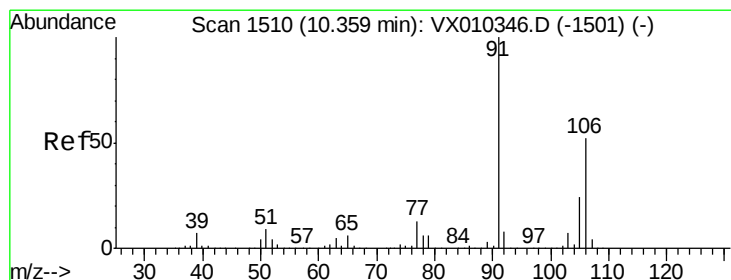
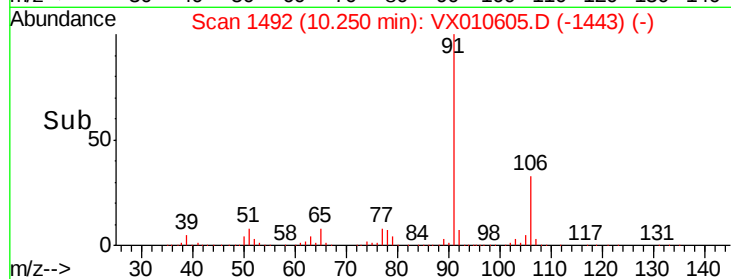
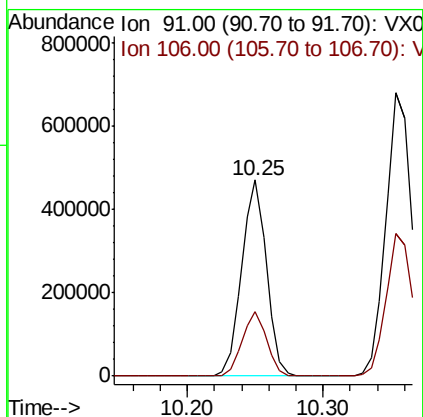
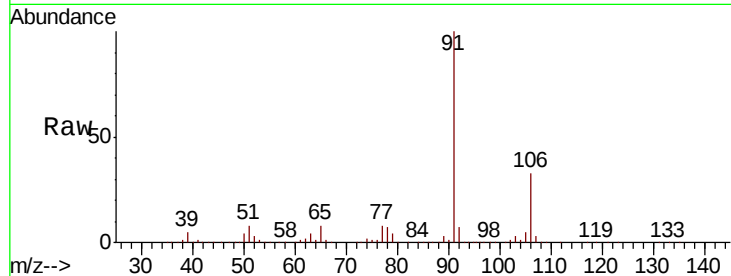




#67
Ethyl Benzene
Concen: 53.400 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

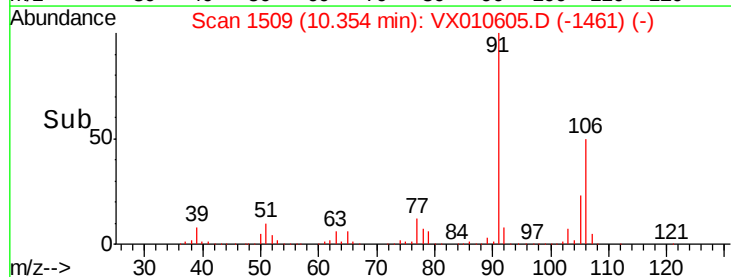
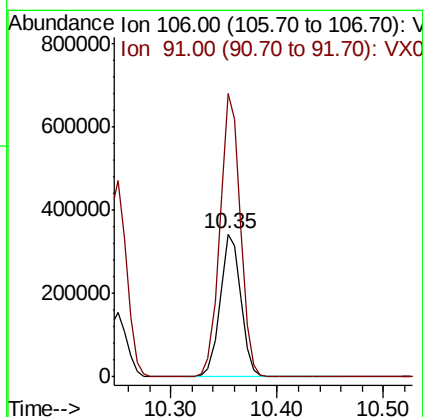
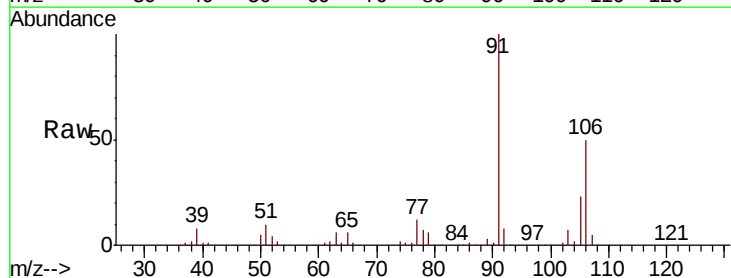
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

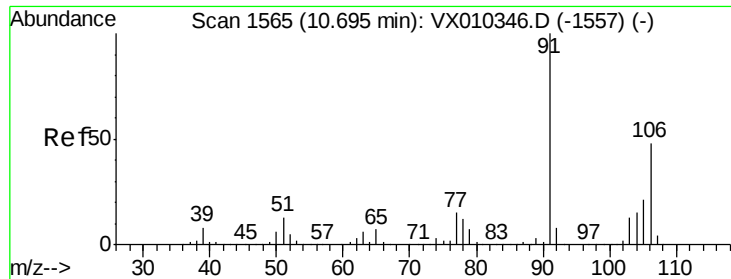
Tot Ion: 91 Resp: 597513
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 106.224 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 106 Resp: 460549
Ion Ratio Lower Upper
106 100
91 196.8 155.3 232.9

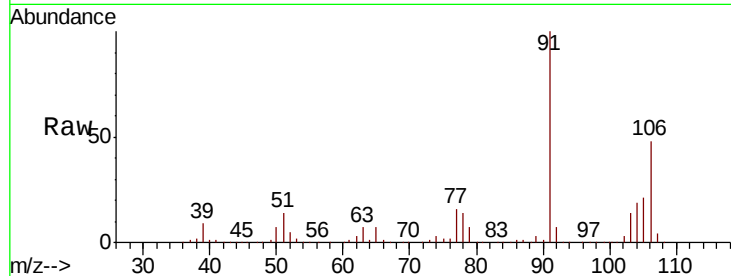




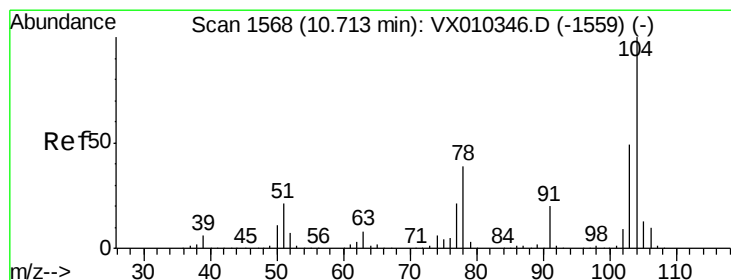
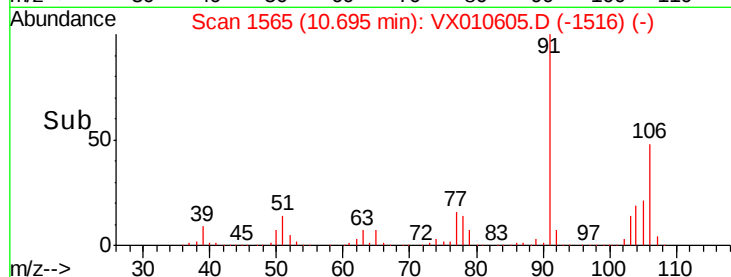
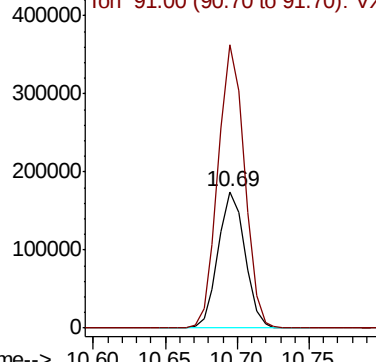
#69
o-Xylene
Concen: 52.599 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 224267
Ion Ratio Lower Upper
106 100
91 205.3 102.7 308.1

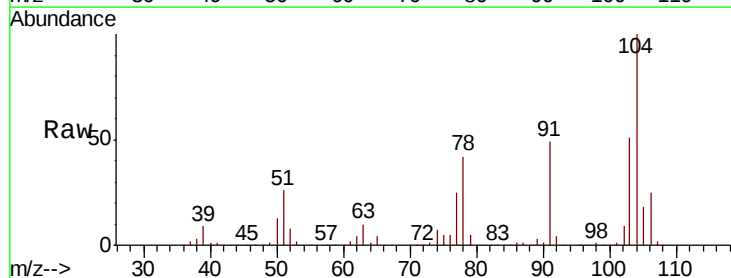


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

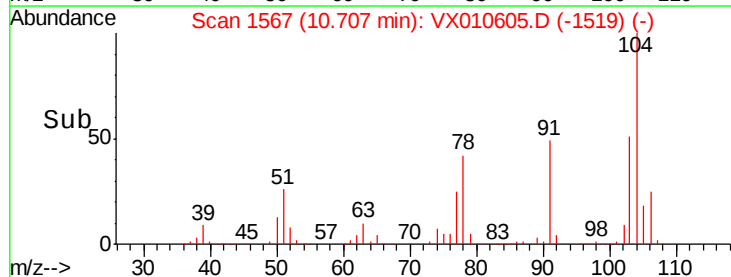
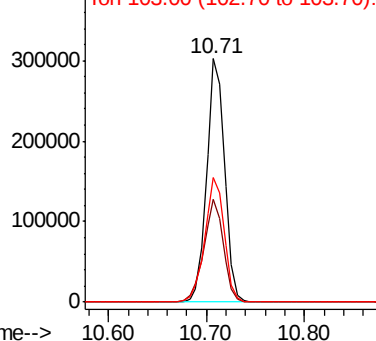


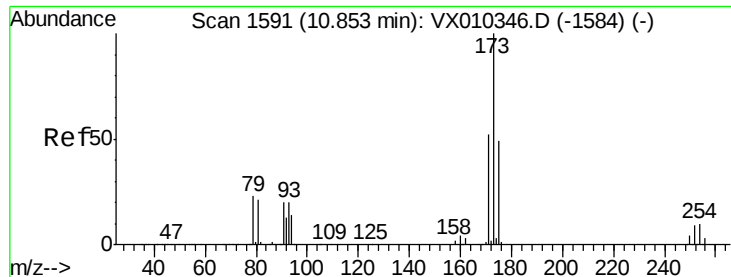
#70
Styrene
Concen: 53.983 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion:104 Resp: 385997
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.2
103 55.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.632 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

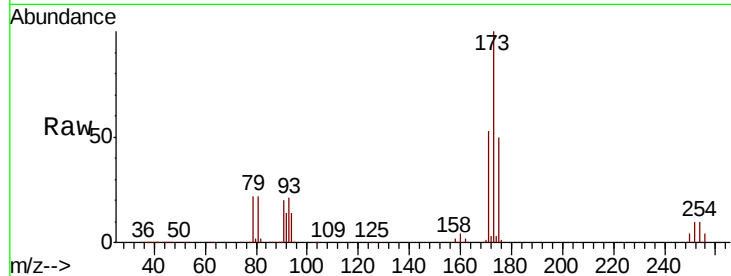
Tot Ion:173 Resp: 108400

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.3

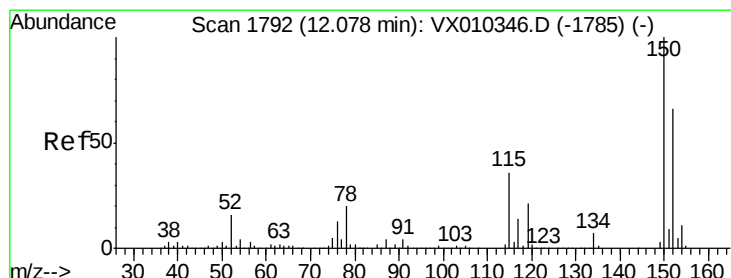
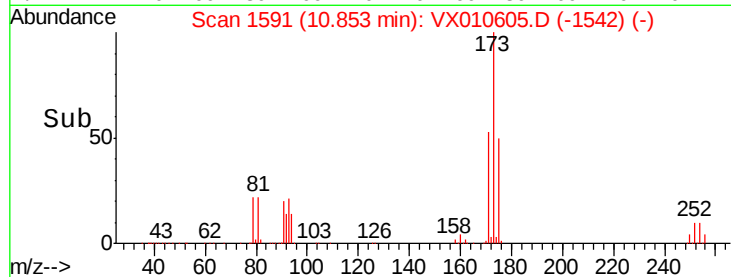
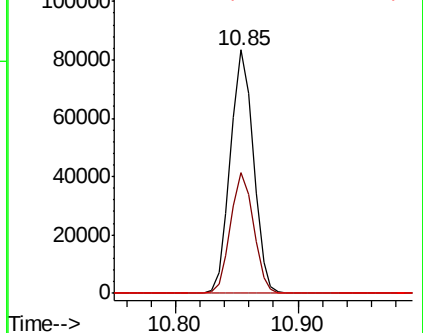
254 0.2 0.2 0.2



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

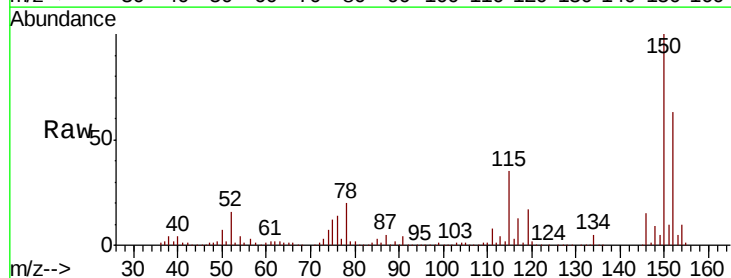
Tgt Ion:152 Resp: 170768

Ion Ratio Lower Upper

152 100

115 81.1 38.6 115.7

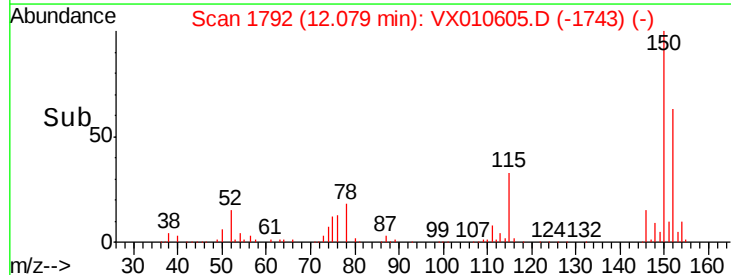
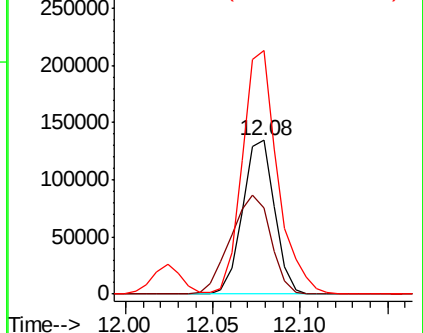
150 173.6 0.0 347.4

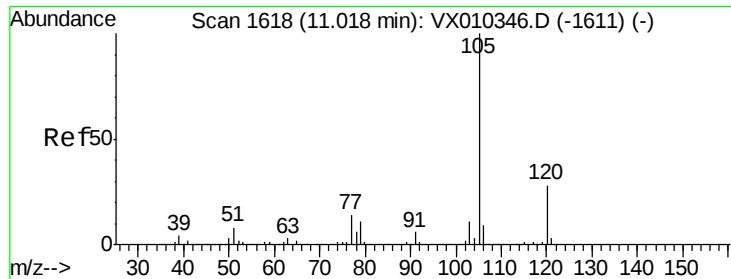


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.451 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

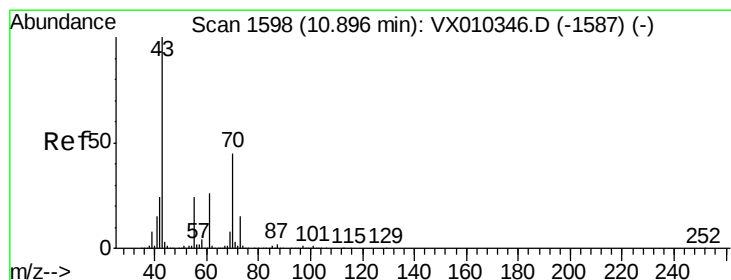
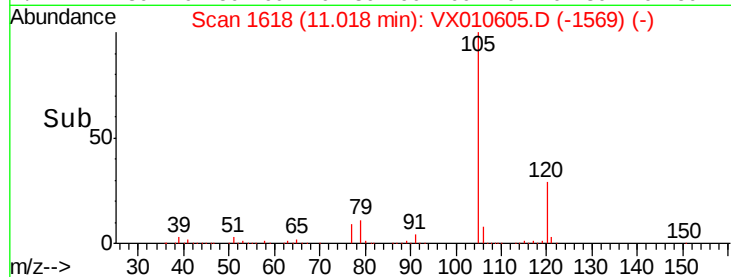
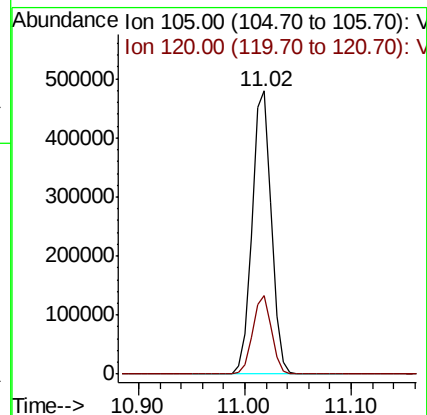
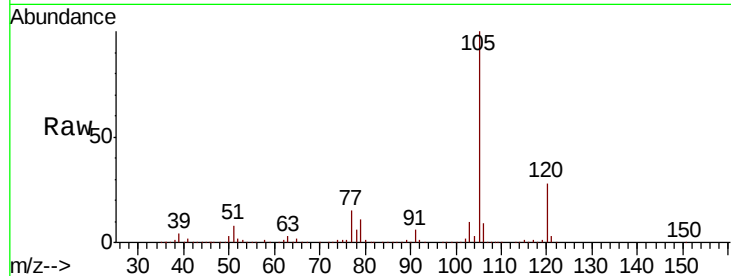
VSTDCCC050

Tot Ion:105 Resp: 607175

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 52.705 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Tgt Ion: 43 Resp: 230576

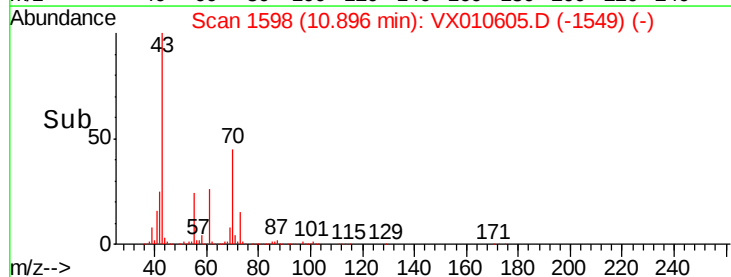
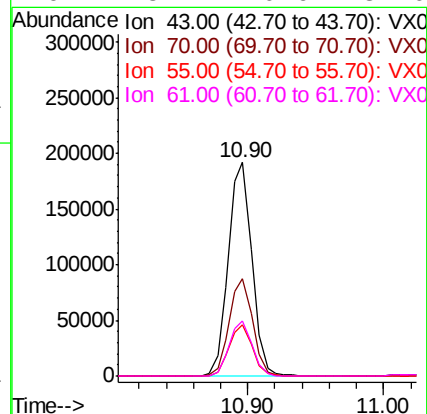
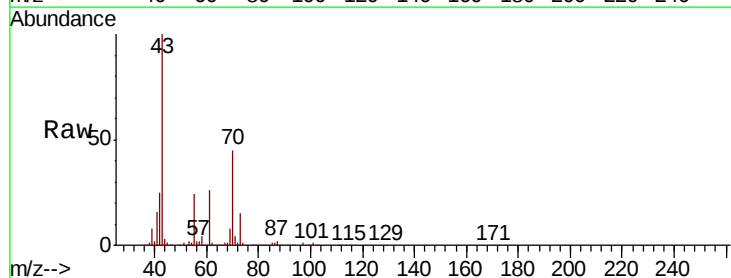
Ion Ratio Lower Upper

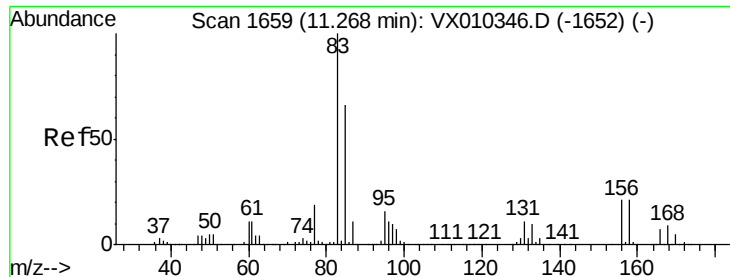
43 100

70 45.3 36.6 54.8

55 23.7 18.7 28.1

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.554 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

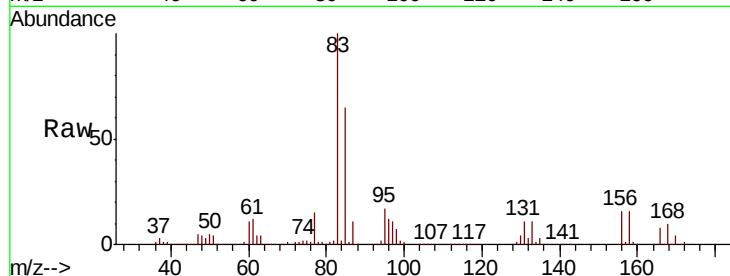
Tot Ion: 83 Resp: 193806

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

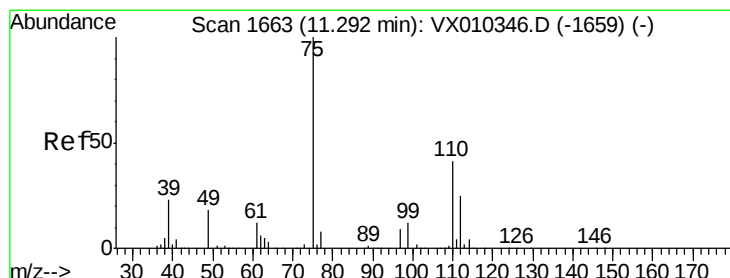
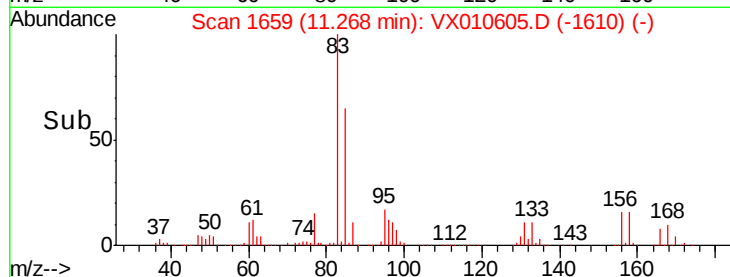
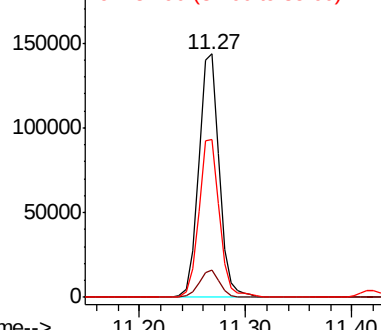
85 65.2 32.3 96.8



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: 70.335 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010605.D

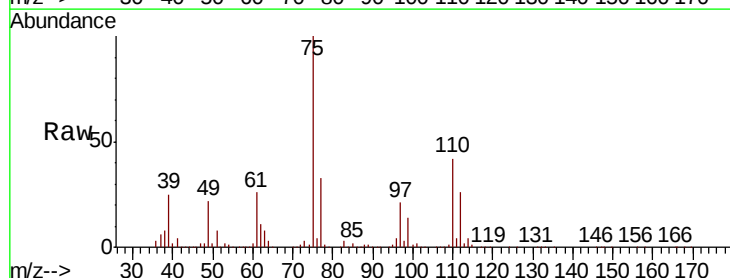
Acq: 02 Jul 2019 10:12

Tgt Ion: 75 Resp: 218871

Ion Ratio Lower Upper

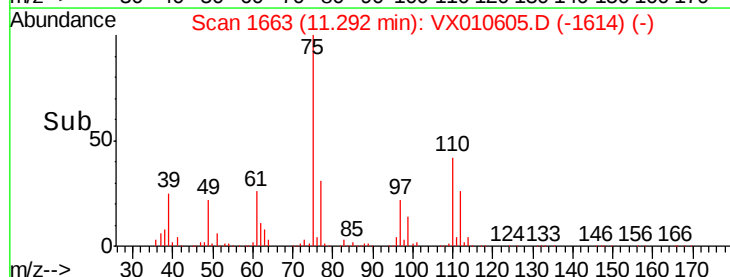
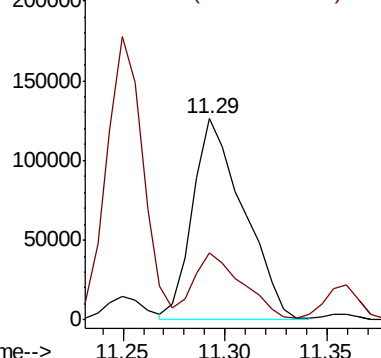
75 100

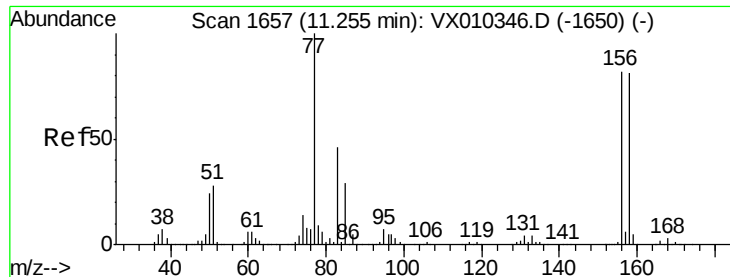
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.747 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

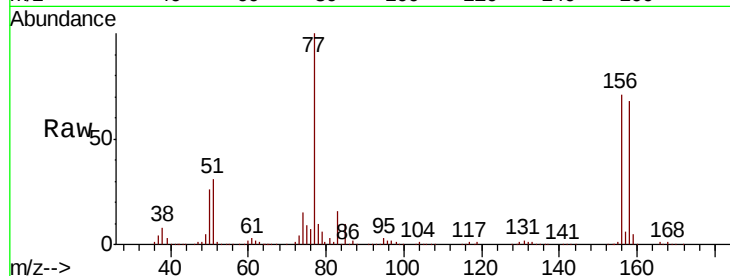
Tot Ion:156 Resp: 164031

Ion Ratio Lower Upper

156 100

77 134.5 66.3 198.7

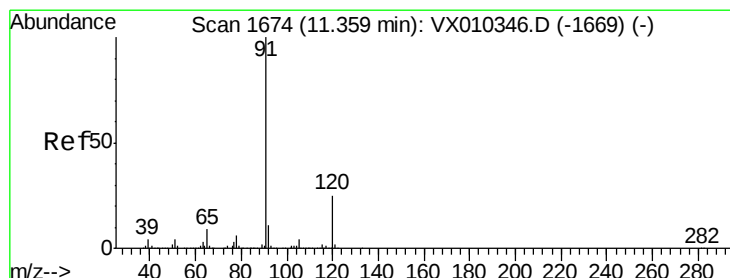
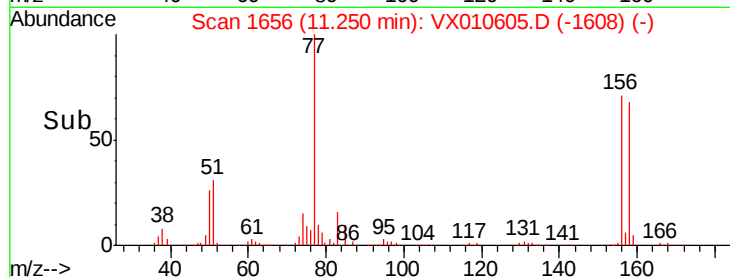
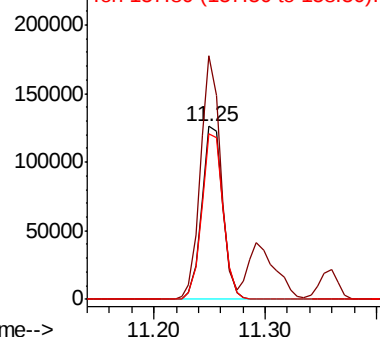
158 97.0 48.9 146.7



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: 54.020 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010605.D

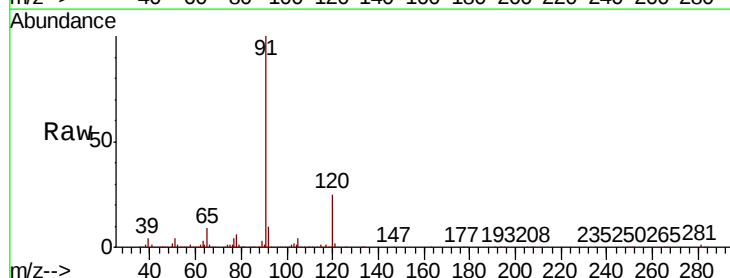
Acq: 02 Jul 2019 10:12

Tgt Ion: 91 Resp: 687265

Ion Ratio Lower Upper

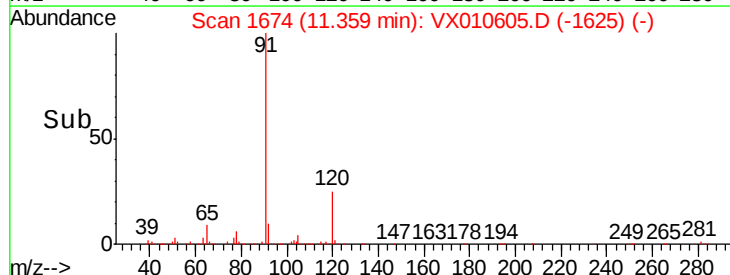
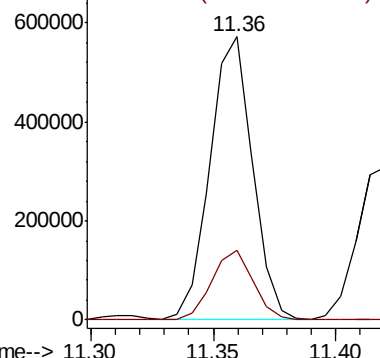
91 100

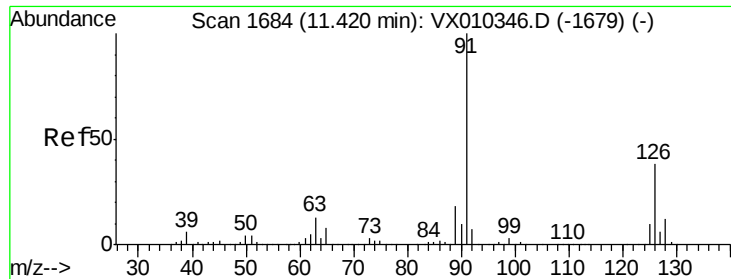
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

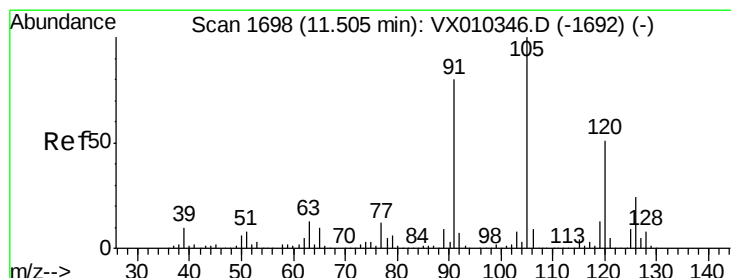
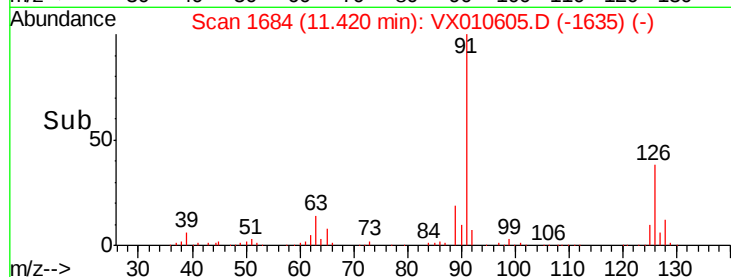
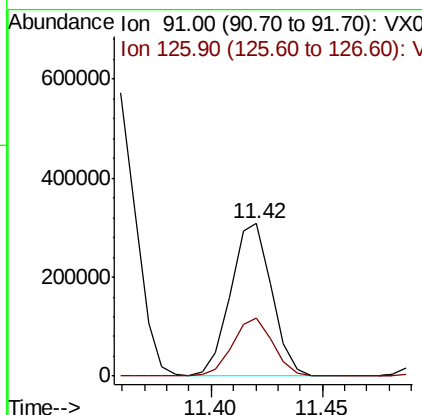
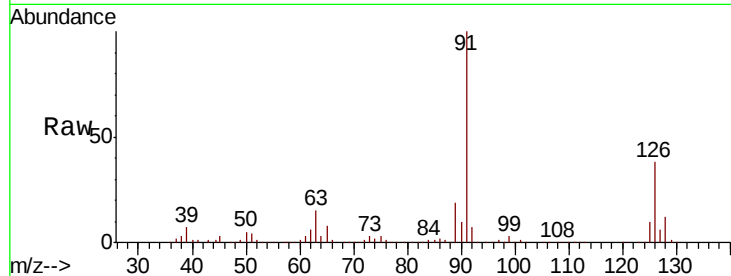




#79
 2-Chlorotoluene
 Concen: 52.052 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

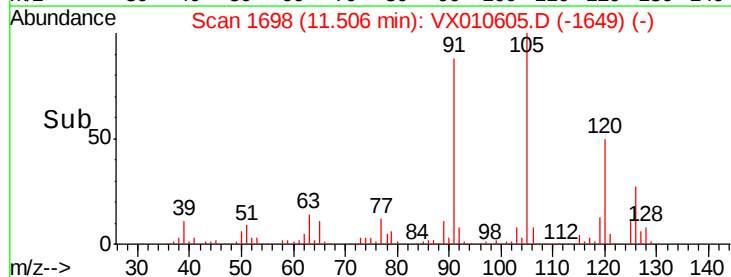
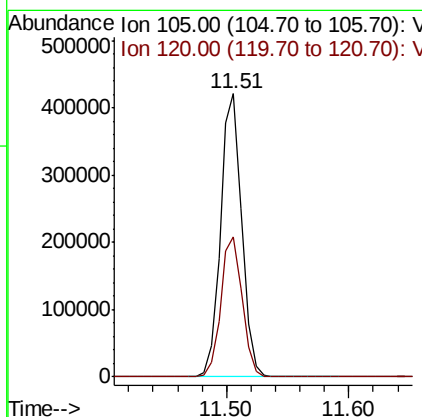
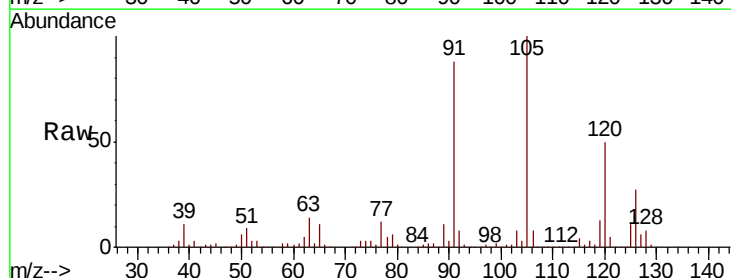
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

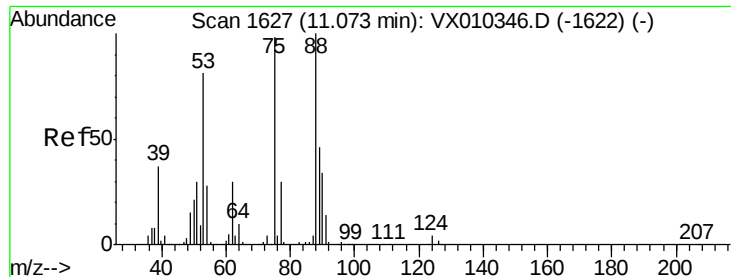
Tot Ion: 91 Resp: 394340
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.675 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion: 105 Resp: 502675
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.376 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

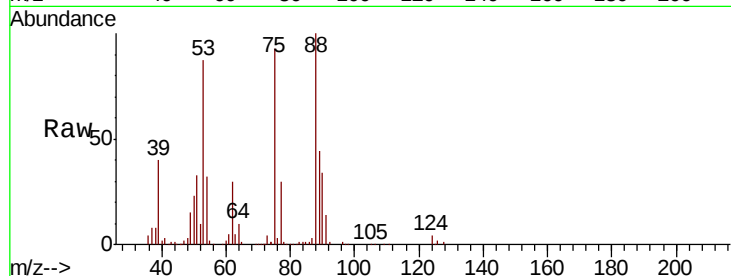
Tot Ion: 75 Resp: 64528

Ion Ratio Lower Upper

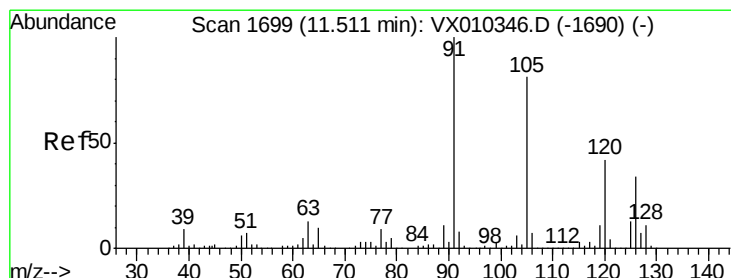
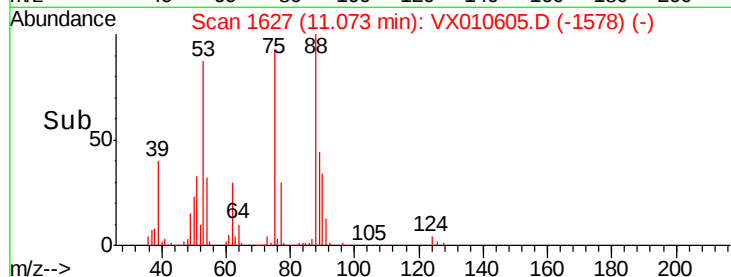
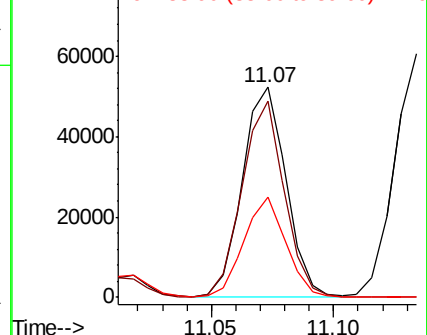
75 100

53 92.2 66.1 99.1

89 46.3 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.642 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010605.D

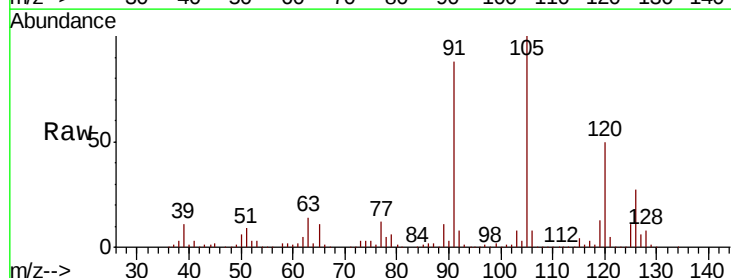
Acq: 02 Jul 2019 10:12

Tgt Ion: 91 Resp: 462426

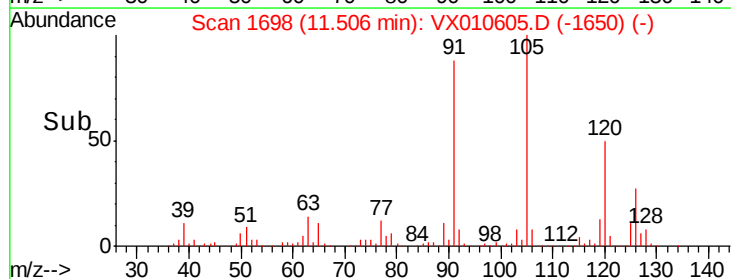
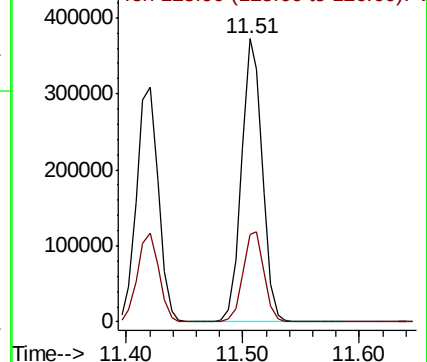
Ion Ratio Lower Upper

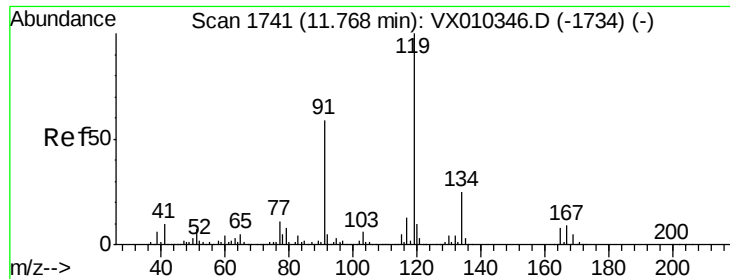
91 100

126 32.3 16.2 48.6



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

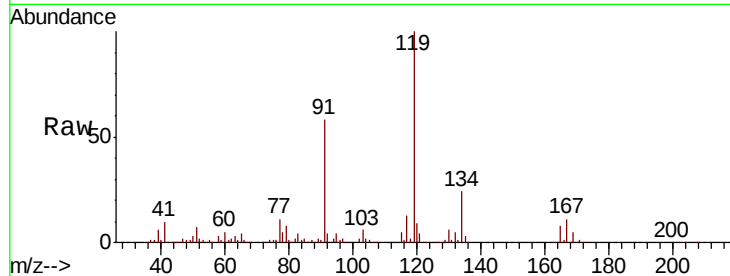




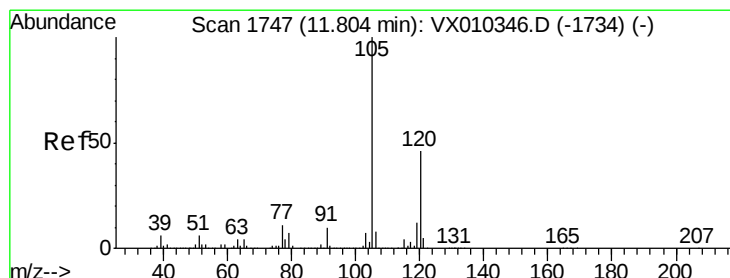
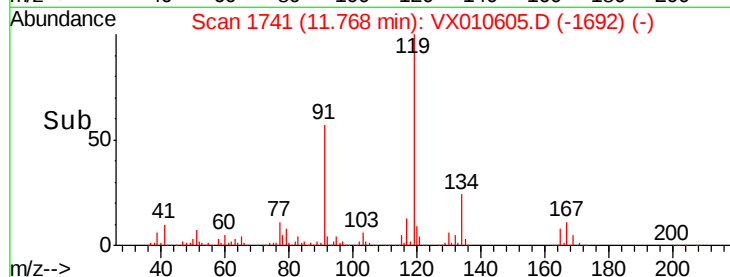
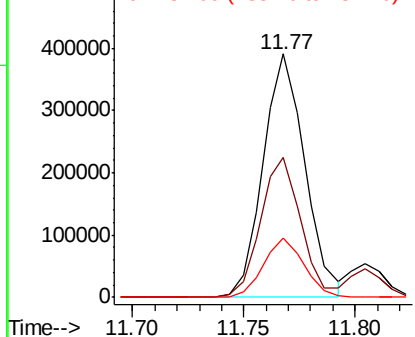
#83
tert-Butylbenzene
Concen: 53.166 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 509231
Ion Ratio Lower Upper
119 100
91 55.8 27.6 82.7
134 23.6 11.8 35.4

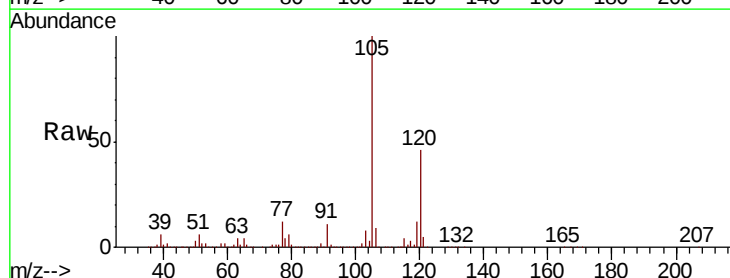


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

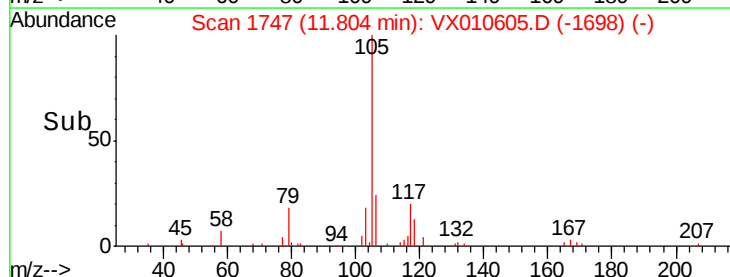
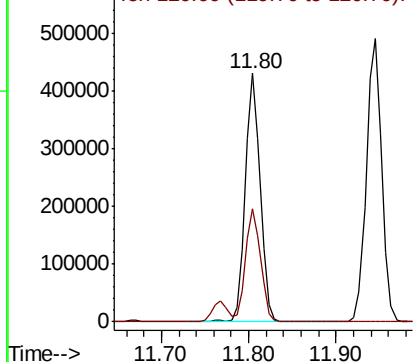


#84
1,2,4-Trimethylbenzene
Concen: 53.335 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion:105 Resp: 511359
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 53.772 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampled :

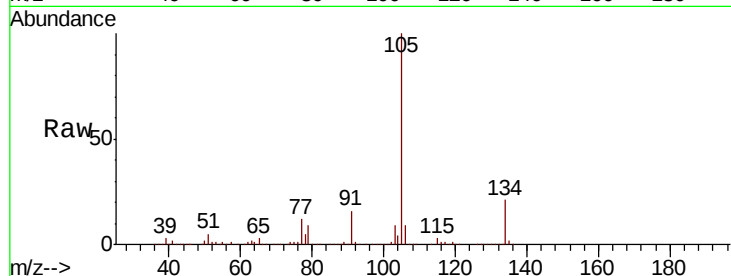
VSTDCCC050

Tot Ion:105 Resp: 604728

Ion Ratio Lower Upper

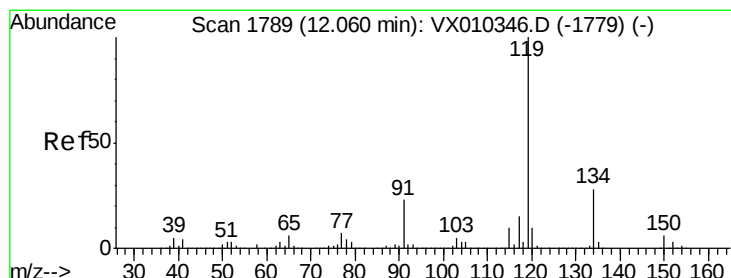
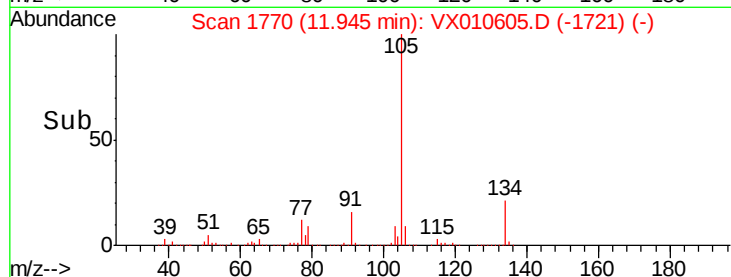
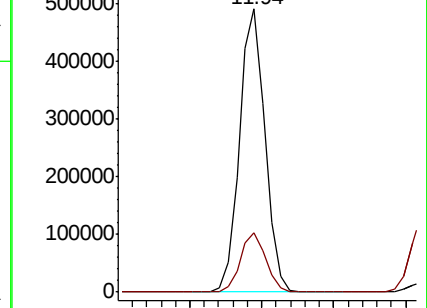
105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.167 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

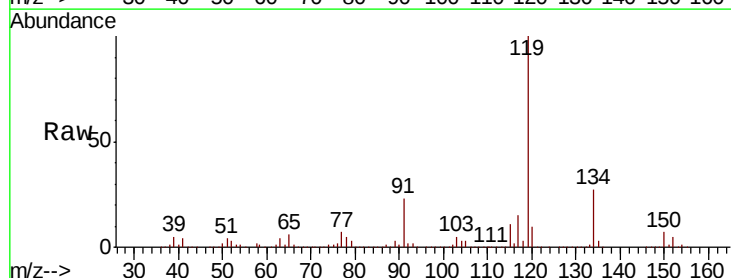
Tgt Ion:119 Resp: 563459

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

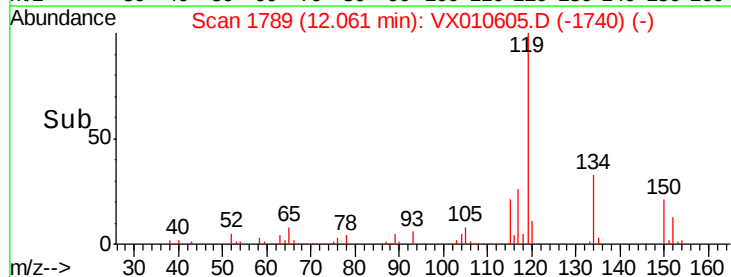
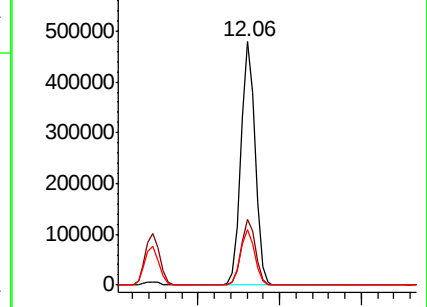
91 22.9 11.3 33.8

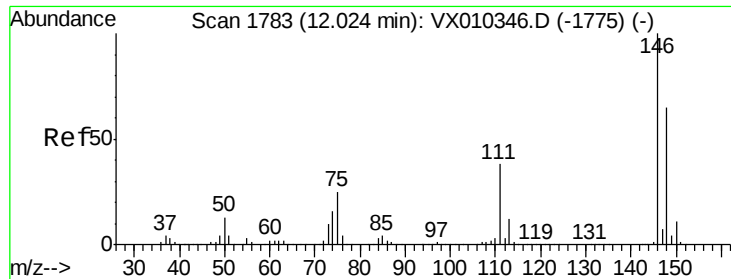


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.369 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

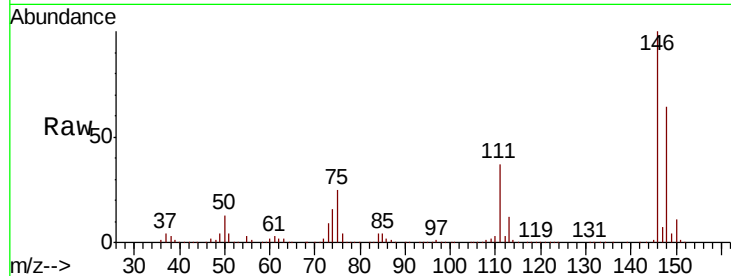
Tot Ion:146 Resp: 289835

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

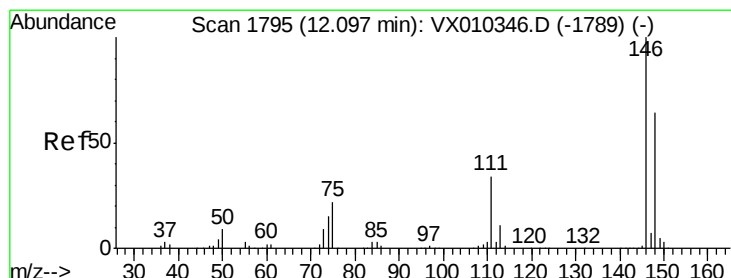
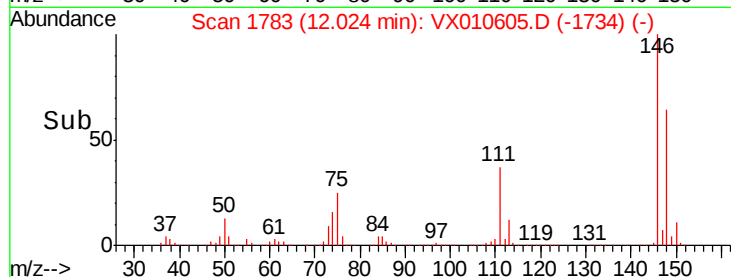
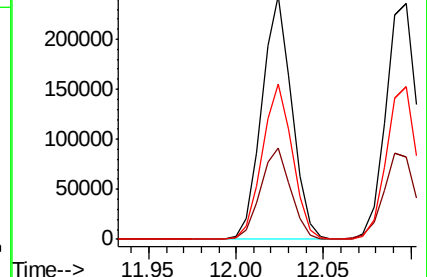
148 64.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.038 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

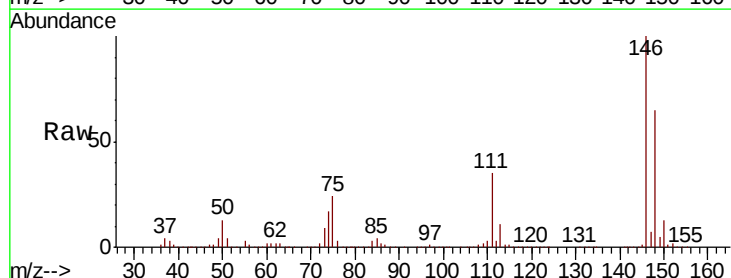
Tgt Ion:146 Resp: 293167

Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.3

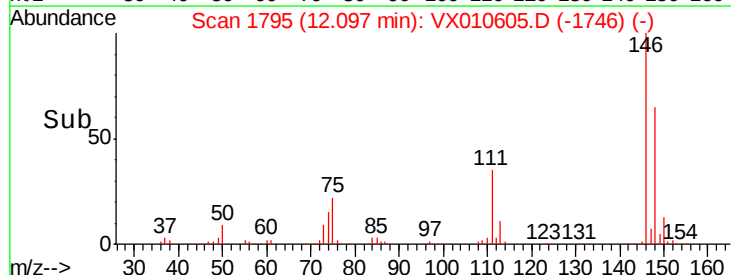
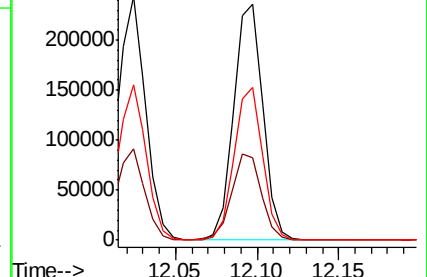
148 63.2 32.1 96.3

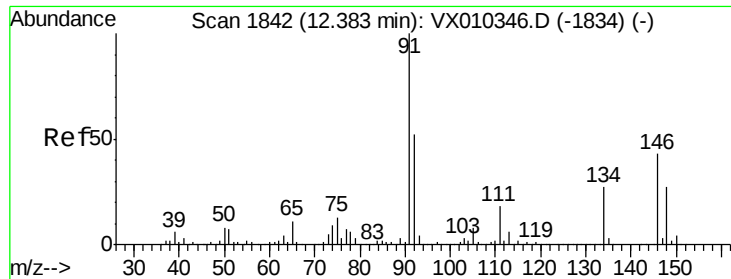


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

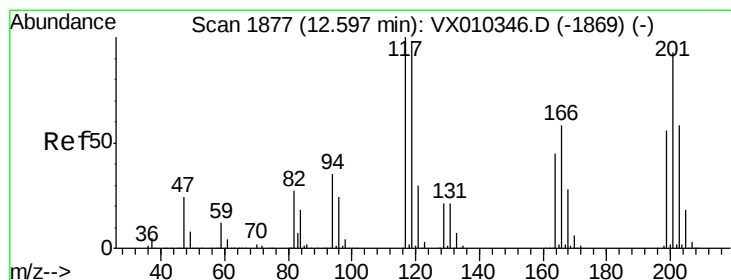
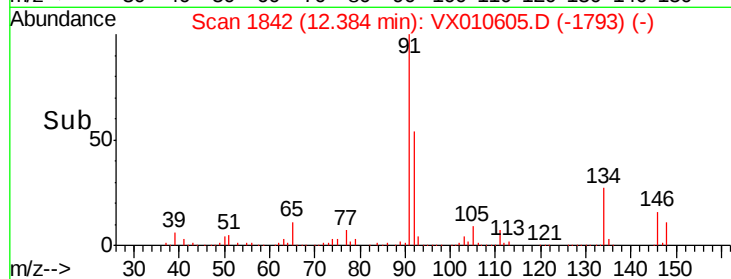
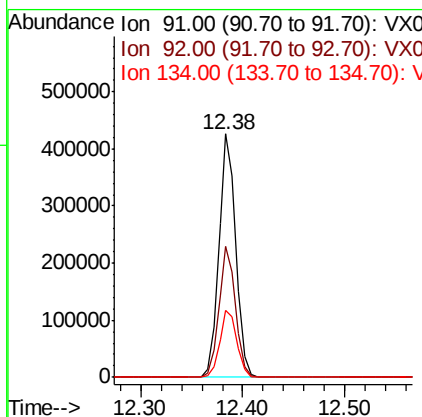
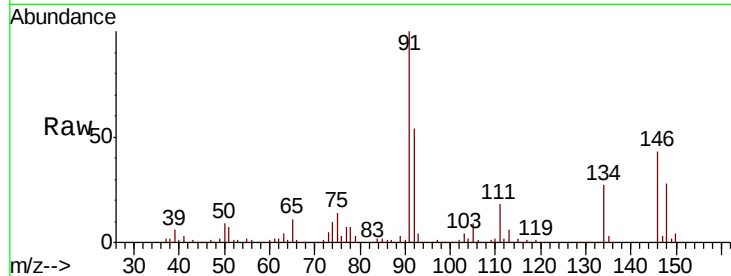




#89
n-Butylbenzene
Concen: 55.718 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

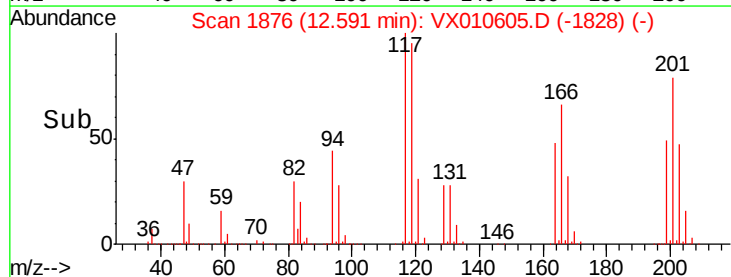
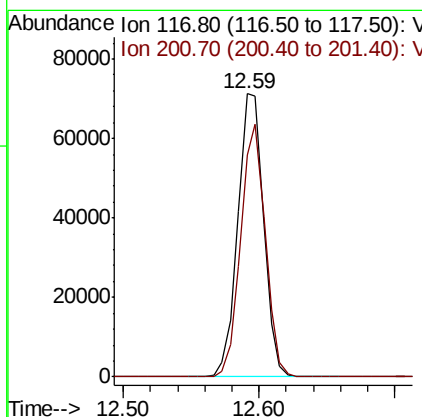
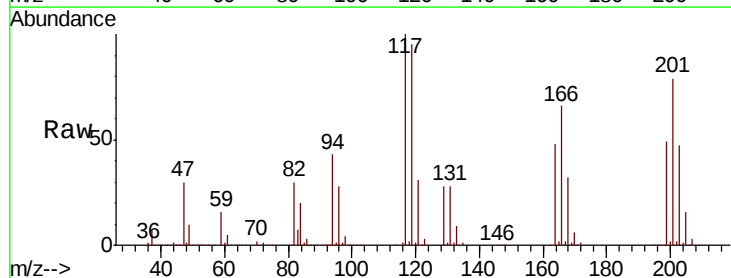
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 492506
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 27.9 14.1 42.4



#90
Hexachloroethane
Concen: 52.154 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010605.D
Acq: 02 Jul 2019 10:12

Tgt Ion: 117 Resp: 93808
Ion Ratio Lower Upper
117 100
201 85.4 44.0 131.8

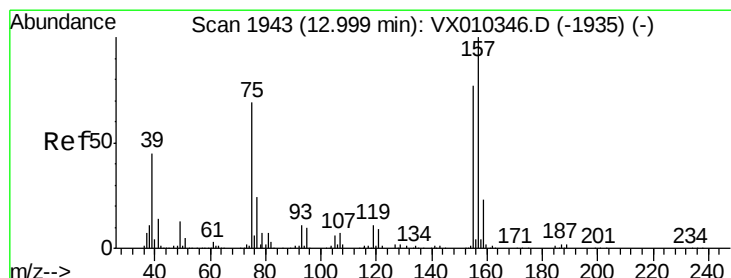
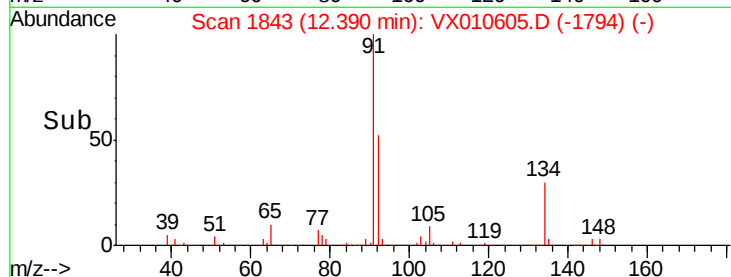
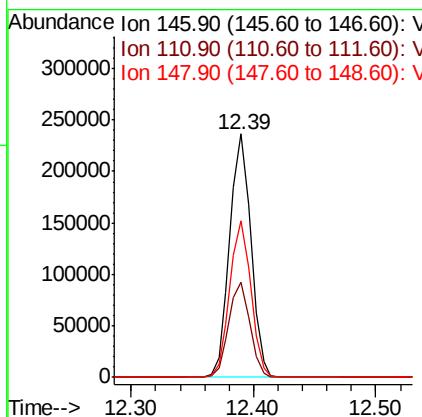
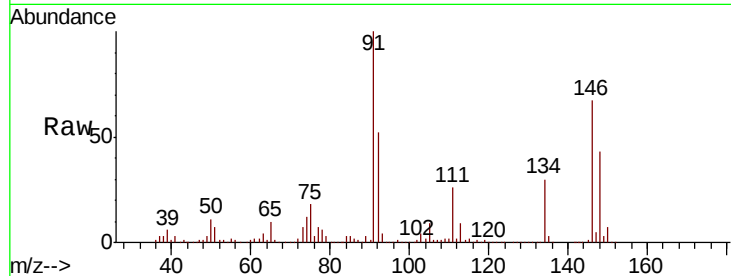




#91
 1,2-Dichlorobenzene
 Concen: 50.630 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

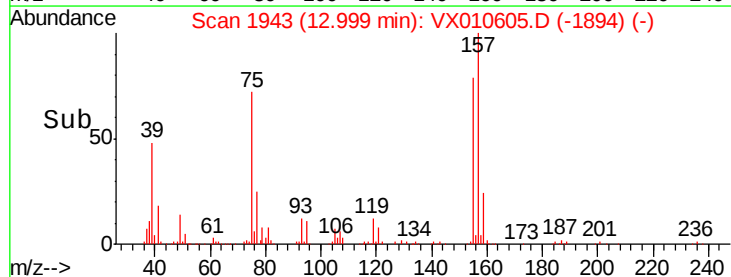
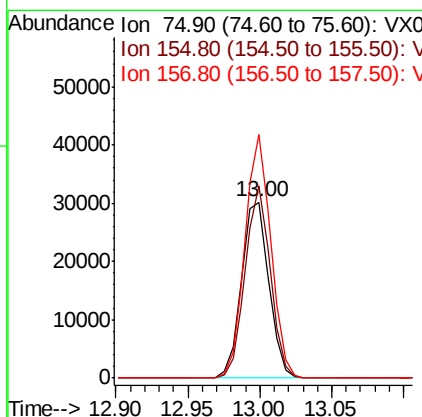
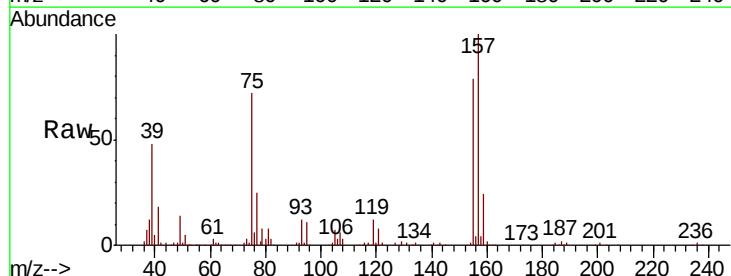
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 283920
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.2 57.6
 148 63.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.148 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion: 75 Resp: 39797
 Ion Ratio Lower Upper
 75 100
 155 100.1 54.4 163.1
 157 130.2 69.5 208.3

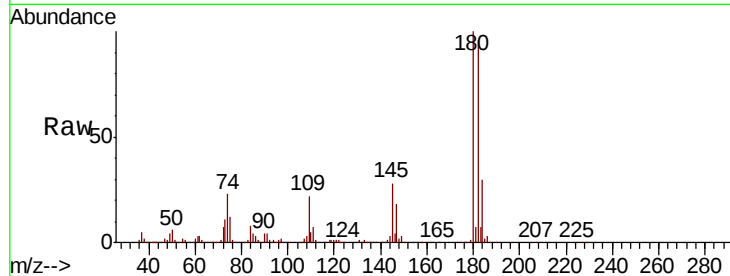




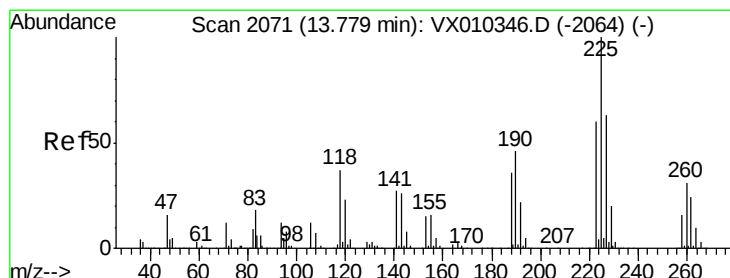
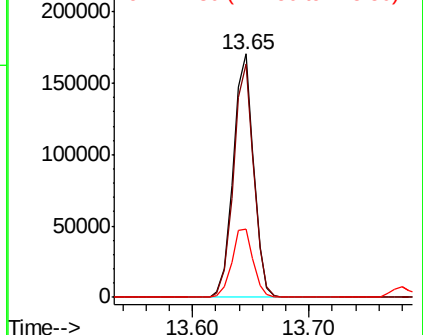
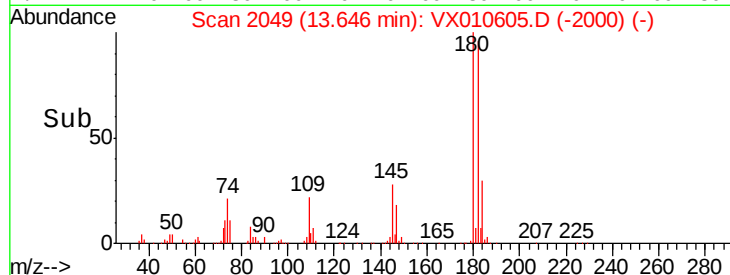
#93
 1,2,4-Trichlorobenzene
 Concen: 53.411 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	29.4	14.4	43.4

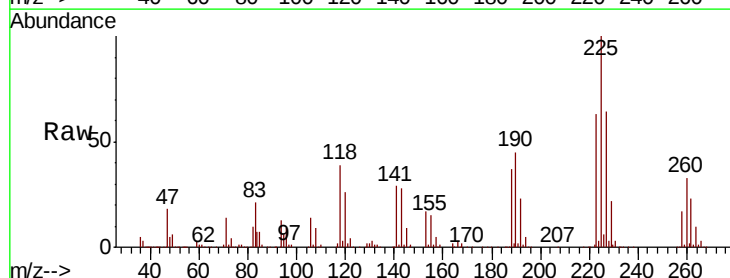


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

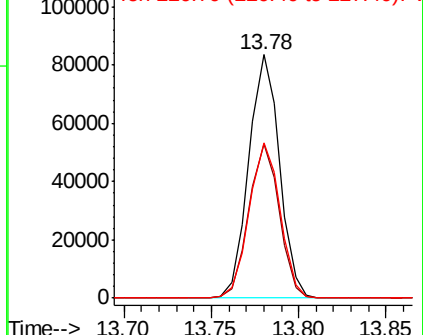
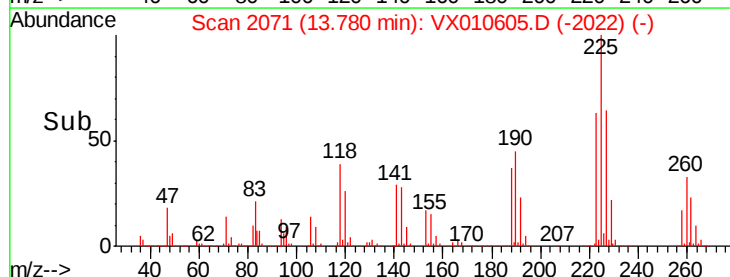


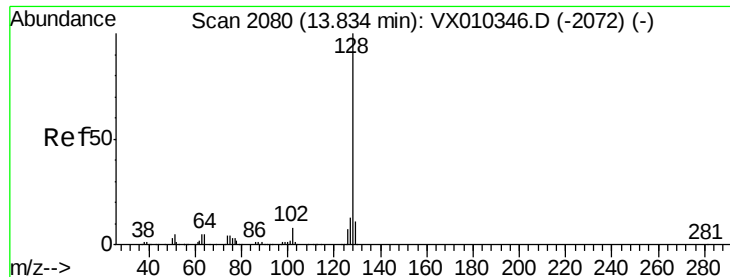
#94
 Hexachlorobutadiene
 Concen: 53.663 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010605.D
 Acq: 02 Jul 2019 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	64.3	31.9	95.5



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





#95

Naphthalene

Concen: 51.021 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

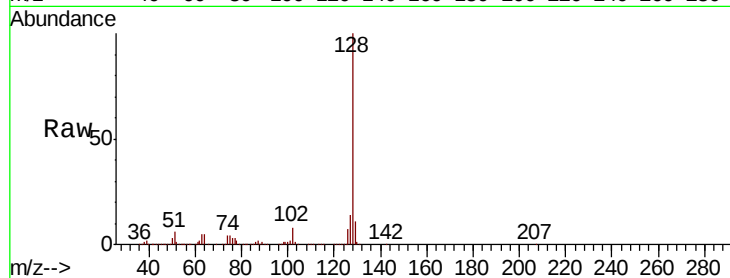
Tot Ion:128 Resp: 609730

Ion Ratio Lower Upper

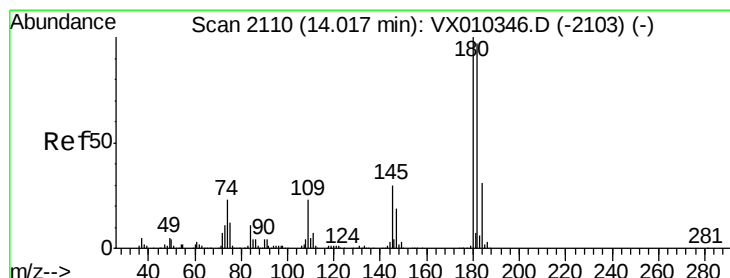
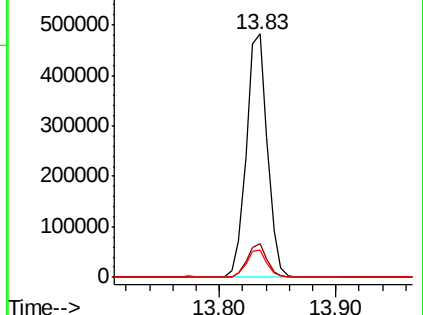
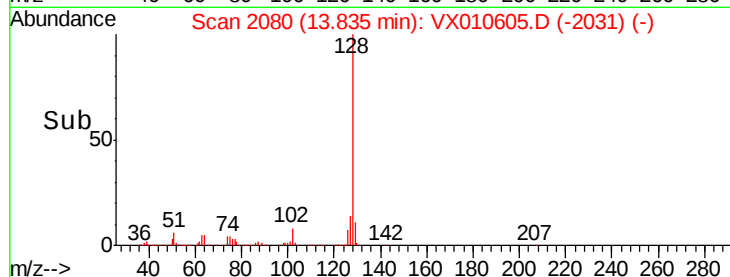
128 100

127 13.2 10.2 15.4

129 11.0 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: 52.608 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010605.D

Acq: 02 Jul 2019 10:12

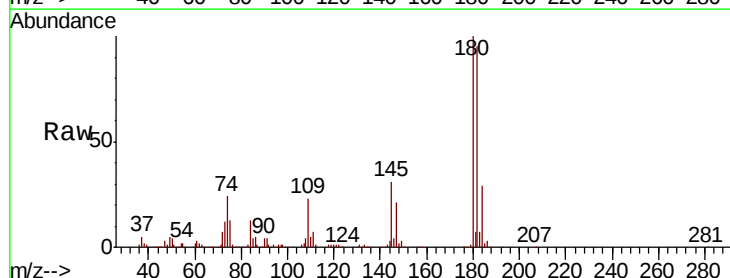
Tgt Ion:180 Resp: 203409

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 31.3 15.2 45.6



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

