

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011134.D
 Acq On : 29 Jul 2019 10:19
 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 30 05:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146261	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	107112	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	97089	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
50) Toluene-d8	8.71	98	364673	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.13	95	141587	57.57	ug/l	0.00
Spiked Amount			Recovery	=	115.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	100735	47.884	ug/l	99
3) Chloromethane	1.32	50	85185	46.930	ug/l	99
4) Vinyl Chloride	1.41	62	92801	50.124	ug/l	98
5) Bromomethane	1.64	94	49298	47.251	ug/l	100
6) Chloroethane	1.71	64	57936	49.241	ug/l	99
7) Trichlorofluoromethane	1.92	101	169388	54.048	ug/l	98
8) Diethyl Ether	2.19	74	55137	51.061	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96789	54.089	ug/l	98
10) Methyl Iodide	2.51	142	116362	49.552	ug/l	99
11) Tert butyl alcohol	3.05	59	107494	219.805	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89700	51.019	ug/l	98
13) Acrolein	2.29	56	57499	203.500	ug/l	99
14) Allyl chloride	2.73	41	130372	51.050	ug/l	98
15) Acrylonitrile	3.14	53	247130	250.081	ug/l	99
16) Acetone	2.45	43	255694	269.604	ug/l	99
17) Carbon Disulfide	2.56	76	202618	44.927	ug/l	100
18) Methyl Acetate	2.77	43	116920	54.141	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	299436	52.905	ug/l	100
20) Methylene Chloride	2.85	84	99117	49.315	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	92697	49.690	ug/l	98
22) Diisopropyl ether	3.85	45	282623	52.472	ug/l	91
23) Vinyl Acetate	3.81	43	1209246	264.975	ug/l	100
24) 1,1-Dichloroethane	3.69	63	161844	51.740	ug/l	99
25) 2-Butanone	4.67	43	356360	261.755	ug/l	100
26) 2,2-Dichloropropane	4.58	77	143436	55.847	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	110211	51.047	ug/l	99
28) Bromochloromethane	5.01	49	74577	50.594	ug/l	98
29) Tetrahydrofuran	5.12	42	212890	246.863	ug/l	99
30) Chloroform	5.21	83	179330	53.040	ug/l	98
31) Cyclohexane	5.57	56	141974	49.795	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	158787	54.284	ug/l	100
36) 1,1-Dichloropropene	5.79	75	126144	54.639	ug/l	99
37) Ethyl Acetate	4.83	43	124079	52.486	ug/l	99
38) Carbon Tetrachloride	5.77	117	140240	58.294	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161751	54.027	ug/l	98
40) Benzene	6.14	78	380815	53.848	ug/l	96
41) Methacrylonitrile	5.04	41	70535	52.559	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136488	55.508	ug/l	99
43) Isopropyl Acetate	6.44	43	211682	54.457	ug/l	98
44) Trichloroethene	7.21	130	112645	53.811	ug/l	94
45) 1,2-Dichloropropane	7.51	63	96919	53.845	ug/l	99
46) Dibromomethane	7.66	93	70837	55.075	ug/l	100
47) Bromodichloromethane	7.90	83	134811	58.882	ug/l	100
48) Methyl methacrylate	7.77	41	103015	54.400	ug/l	97
49) 1,4-Dioxane	7.73	88	51900	979.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	698065	277.030	ug/l	100
52) Toluene	8.78	92	252282	54.303	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150361	61.077	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	160996	58.772	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106093	55.462	ug/l	97
56) Ethyl methacrylate	9.18	69	160558	57.381	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165348	54.489	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	380013	284.504	ug/l	100
59) 2-Hexanone	9.49	43	547112	279.937	ug/l	100
60) Dibromochloromethane	9.58	129	120971	54.699	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114443	56.374	ug/l	100
64) Tetrachloroethene	9.34	164	114005	55.169	ug/l	96
65) Chlorobenzene	10.13	112	291867	54.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	109696	57.851	ug/l	99
67) Ethyl Benzene	10.25	91	505376	55.032	ug/l	100
68) m/p-Xylenes	10.35	106	390244	110.781	ug/l	99
69) o-Xylene	10.69	106	189200	55.033	ug/l	98
70) Styrene	10.71	104	329133	57.430	ug/l	99
71) Bromoform	10.85	173	93184	53.770	ug/l	100
73) Isopropylbenzene	11.02	105	525628	53.186	ug/l	100
74) N-amyl acetate	10.90	43	195877	51.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167024	51.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	187402	71.003	ug/l	83
77) Bromobenzene	11.25	156	142016	52.096	ug/l	100
78) n-propylbenzene	11.36	91	596488	54.625	ug/l	100
79) 2-Chlorotoluene	11.42	91	351377	53.566	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	449276	54.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52482	50.348	ug/l	99
82) 4-Chlorotoluene	11.51	91	411067	53.841	ug/l	100
83) tert-Butylbenzene	11.77	119	446585	55.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	456502	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	532883	56.066	ug/l	100
86) p-Isopropyltoluene	12.06	119	501005	57.017	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258282	54.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258423	53.262	ug/l	98
89) n-Butylbenzene	12.38	91	440175	58.554	ug/l	100
90) Hexachloroethane	12.59	117	80515	58.094	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	250906	53.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37167	54.977	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

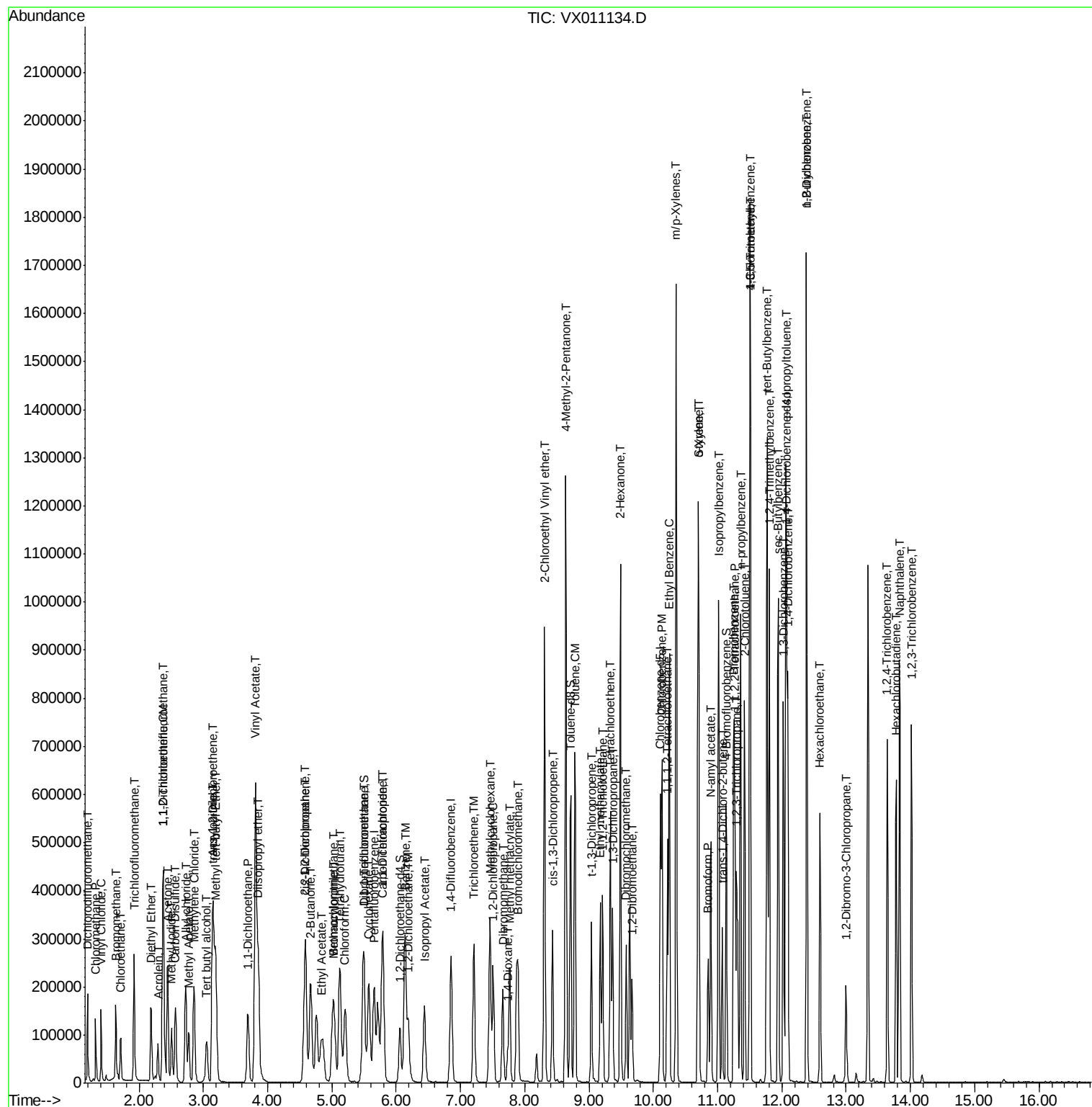
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181356	57.075	ug/l	98
94) Hexachlorobutadiene	13.78	225	91856	58.336	ug/l	99
95) Naphthalene	13.83	128	542010	57.765	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182726	57.796	ug/l	99

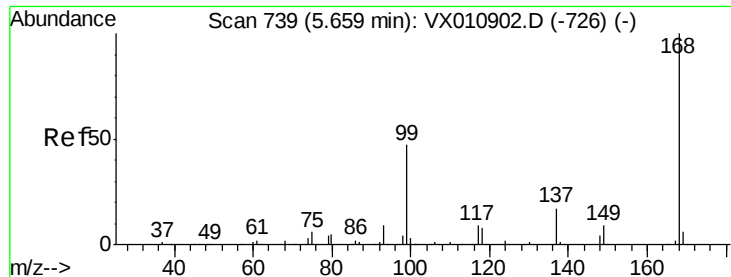
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

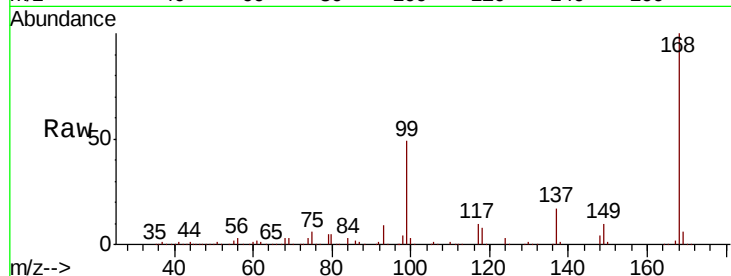
VSTDCCC050

Tot Ion:168 Resp: 197385

Ion Ratio Lower Upper

168 100

99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

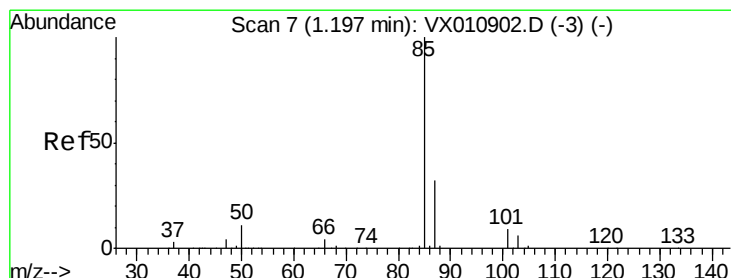
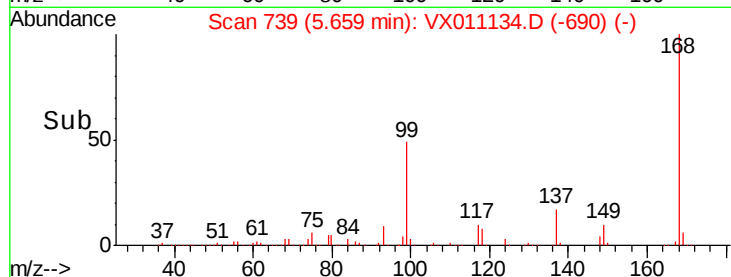
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 47.884 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011134.D

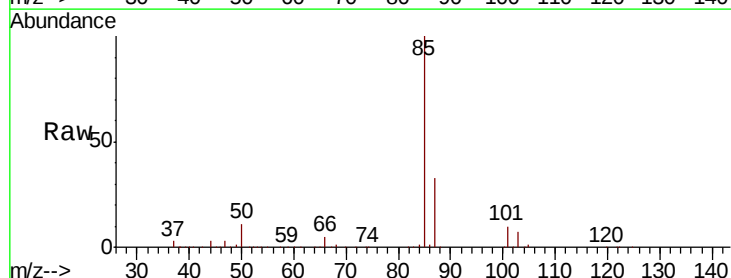
Acq: 29 Jul 2019 10:19

Tgt Ion: 85 Resp: 100735

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

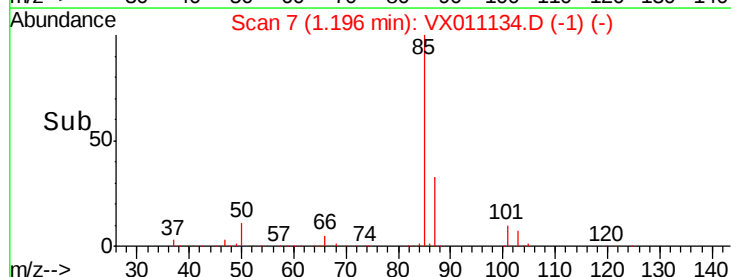
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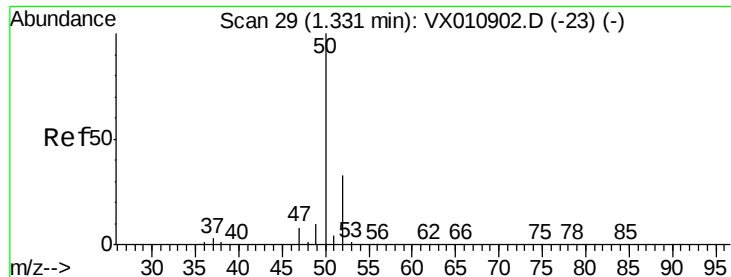
0

Time-->

1.20

1.30





#3

Chloromethane

Concen: 46.930 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

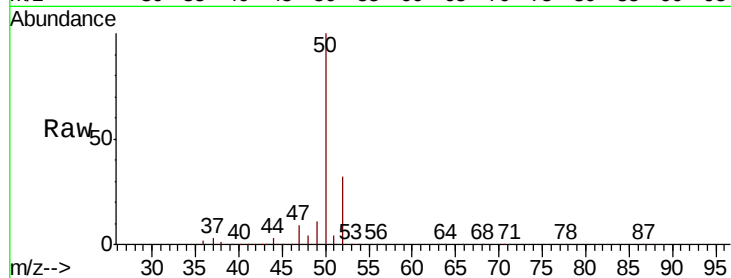
VSTDCCC050

Tot Ion: 50 Resp: 85185

Ion Ratio Lower Upper

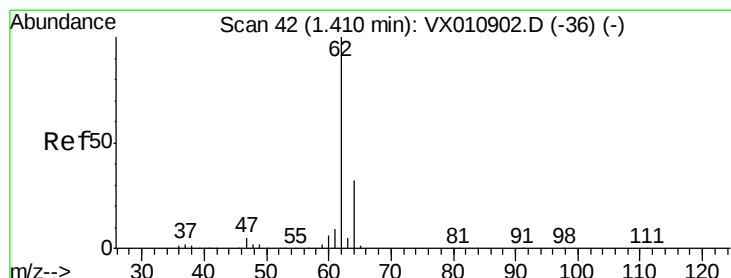
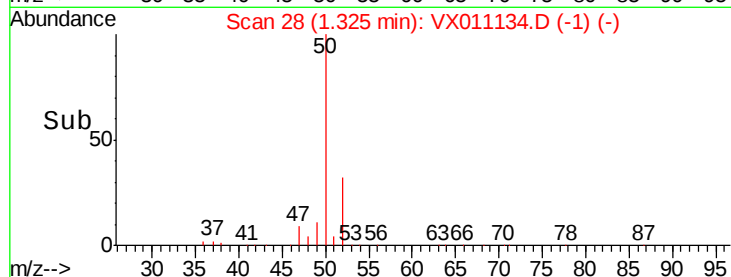
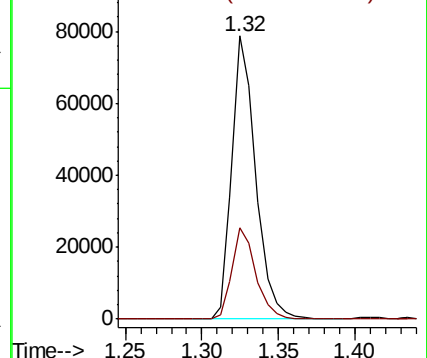
50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.124 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011134.D

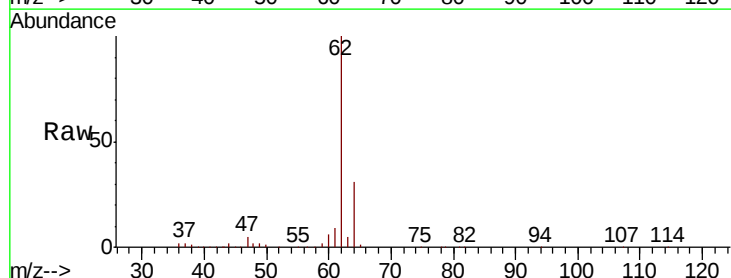
Acq: 29 Jul 2019 10:19

Tgt Ion: 62 Resp: 92801

Ion Ratio Lower Upper

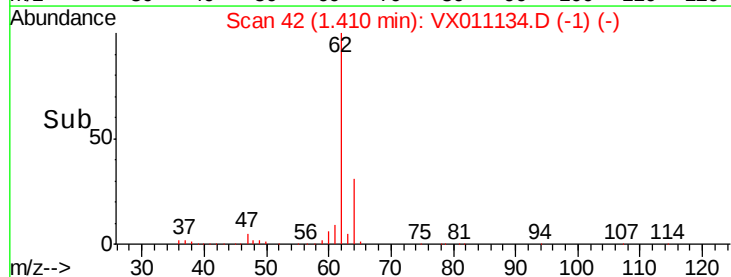
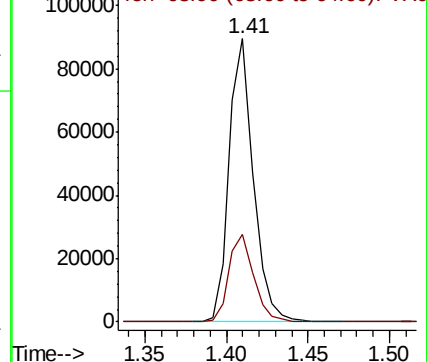
62 100

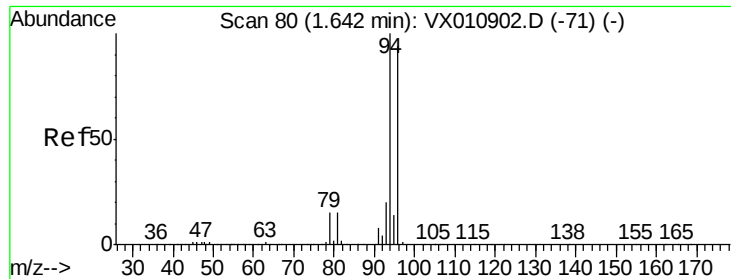
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.251 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

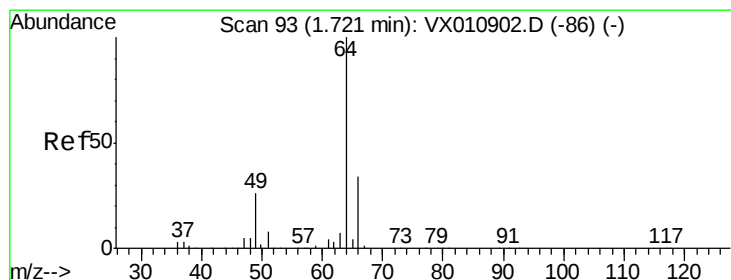
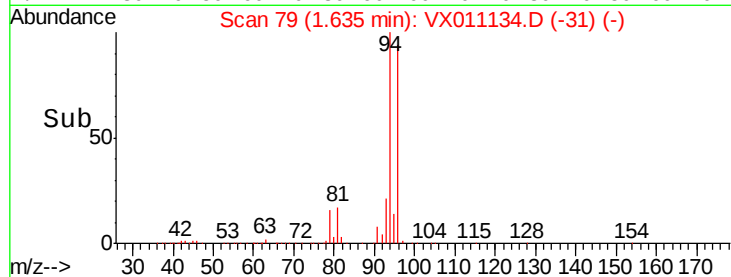
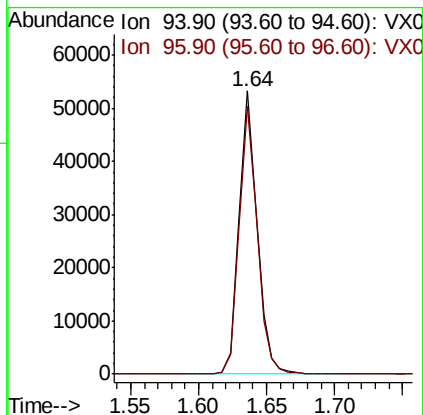
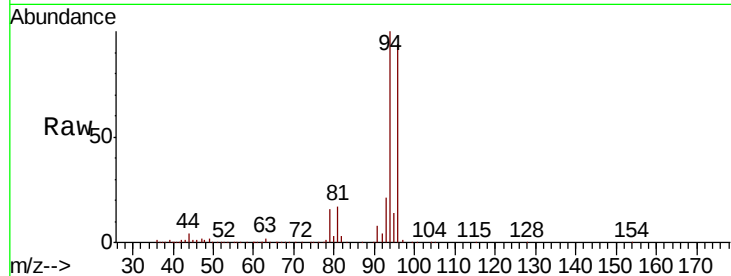
VSTDCCC050

Tot Ion: 94 Resp: 49298

Ion Ratio Lower Upper

94 100

96 94.6 75.6 113.4



#6

Chloroethane

Concen: 49.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011134.D

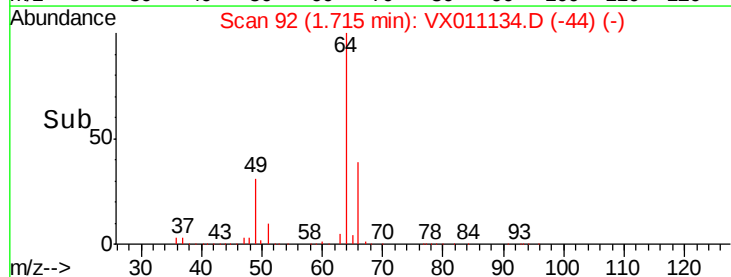
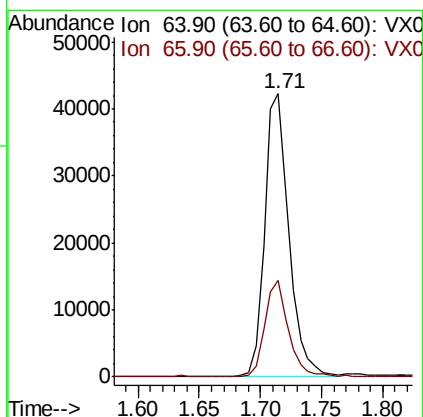
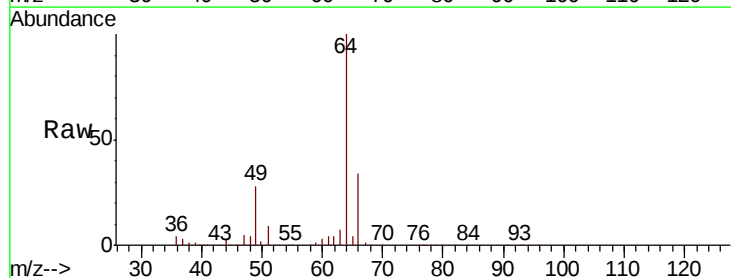
Acq: 29 Jul 2019 10:19

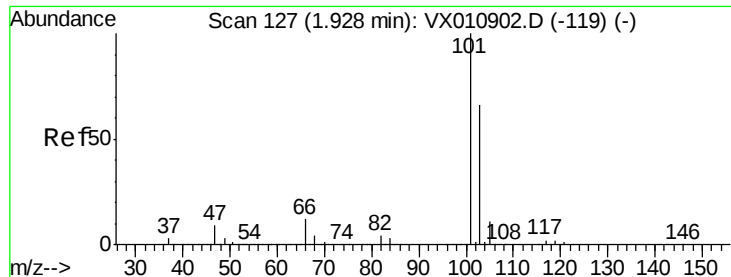
Tgt Ion: 64 Resp: 57936

Ion Ratio Lower Upper

64 100

66 34.2 27.0 40.6



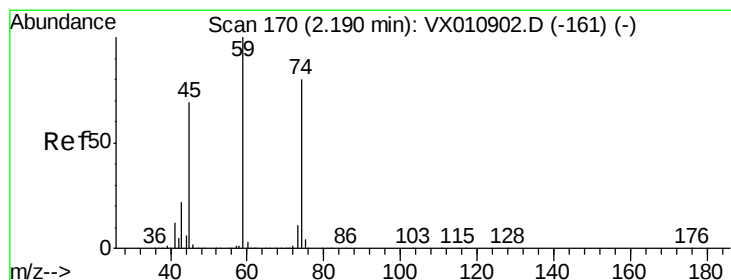
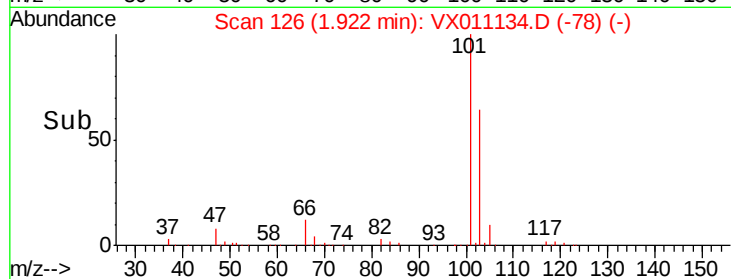
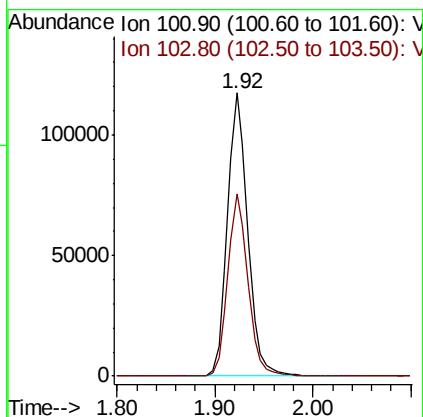
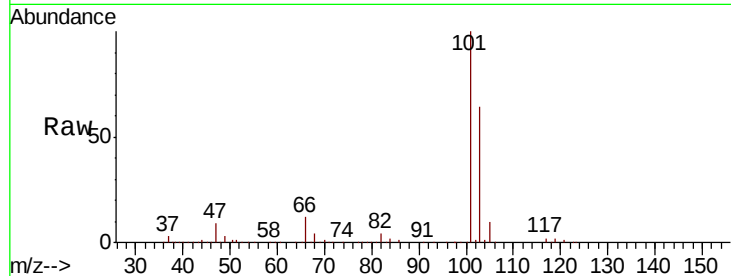


#7

Trichlorofluoromethane
 Concen: 54.048 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
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 VSTDCCC050

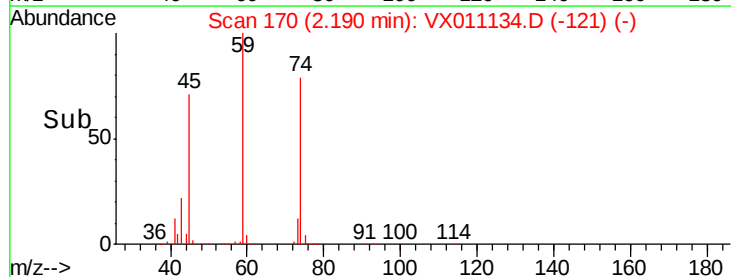
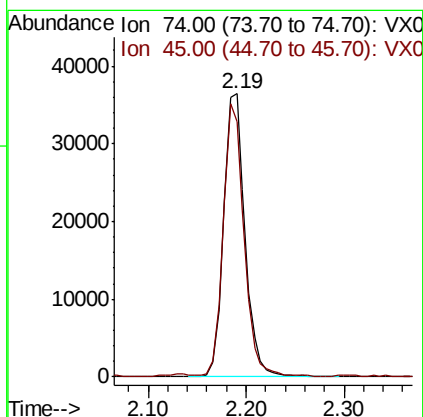
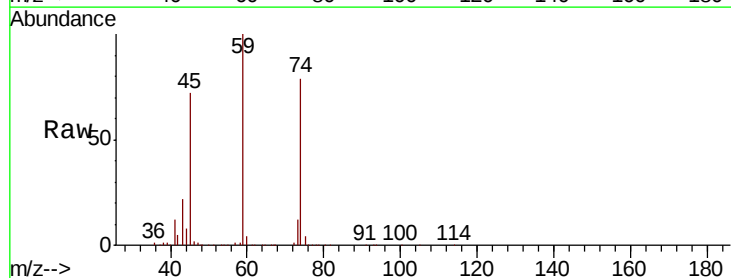
Tot Ion:101 Resp: 169388
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8

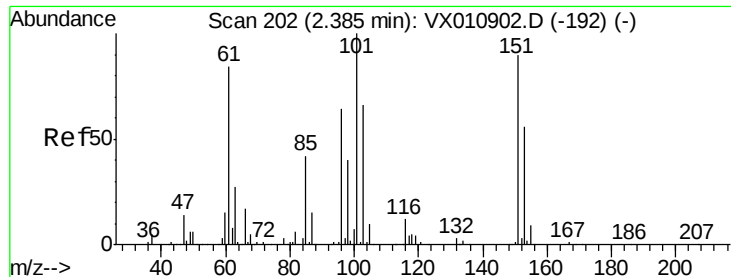


#8

Diethyl Ether
 Concen: 51.061 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 74 Resp: 55137
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

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ClientSampleId :

VSTDCCC050

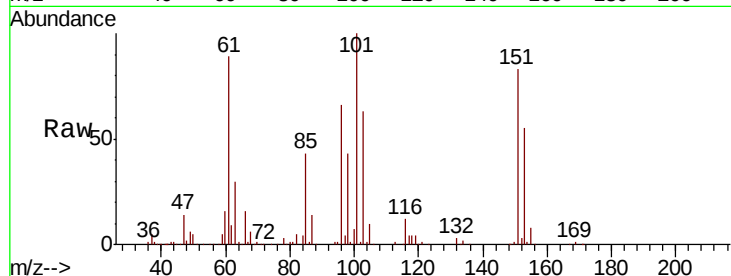
Tot Ion:101 Resp: 96789

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

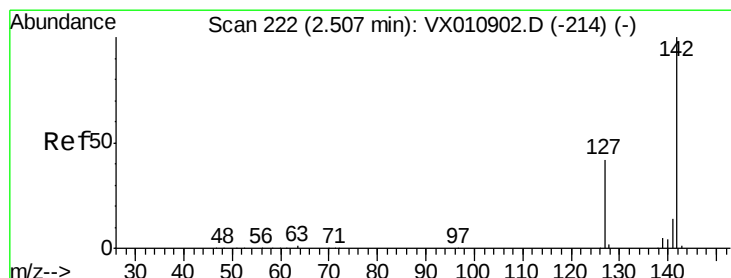
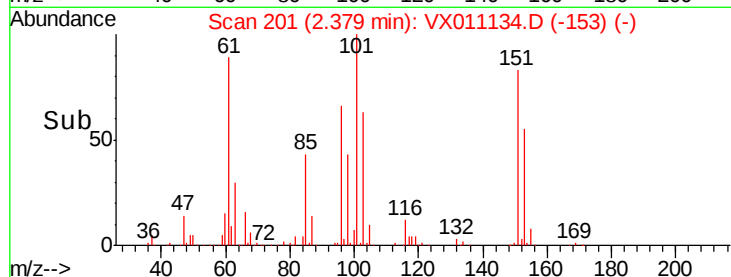
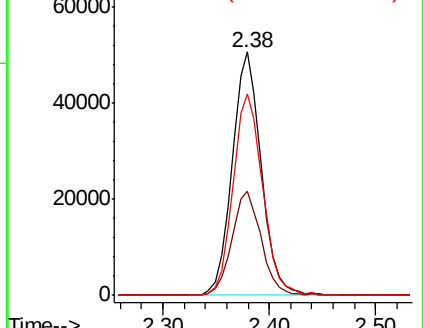
151 84.9 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.552 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

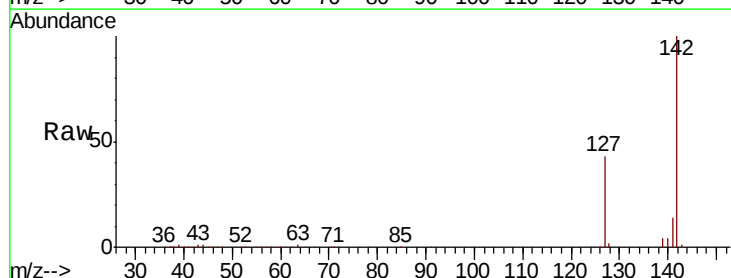
Tgt Ion:142 Resp: 116362

Ion Ratio Lower Upper

142 100

127 42.3 34.2 51.4

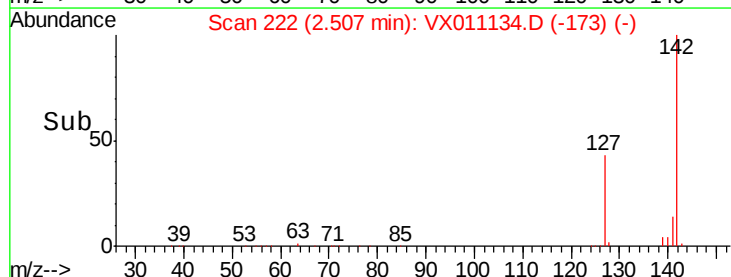
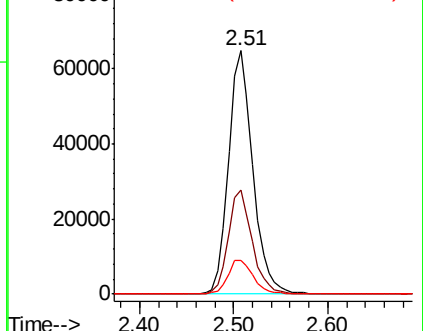
141 14.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



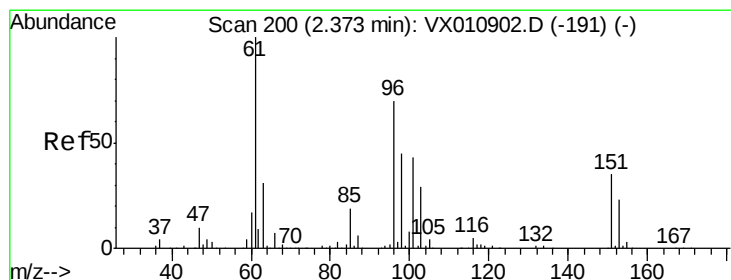
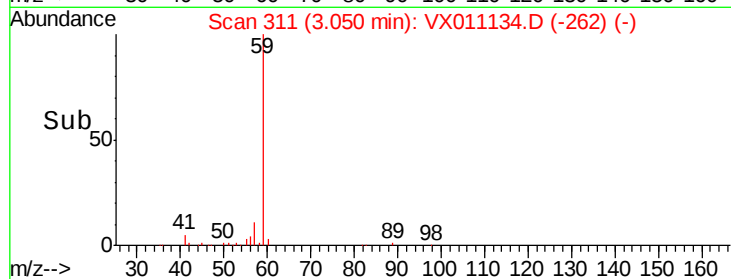
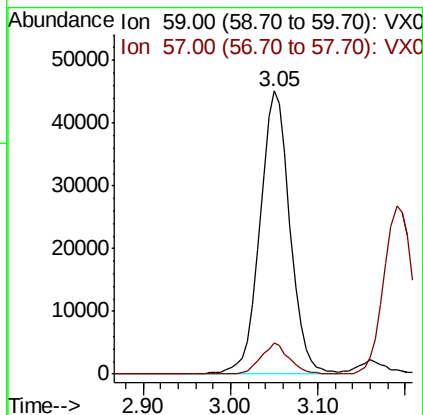
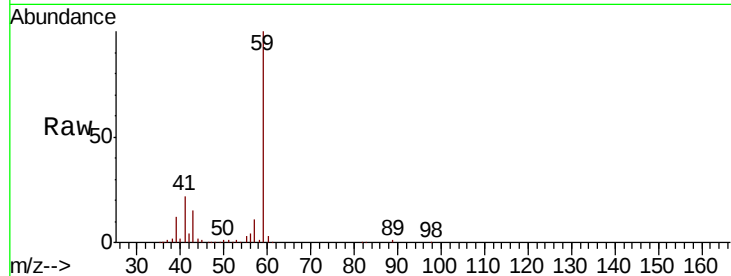


#11

Tert butyl alcohol
 Concen: 219.805 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

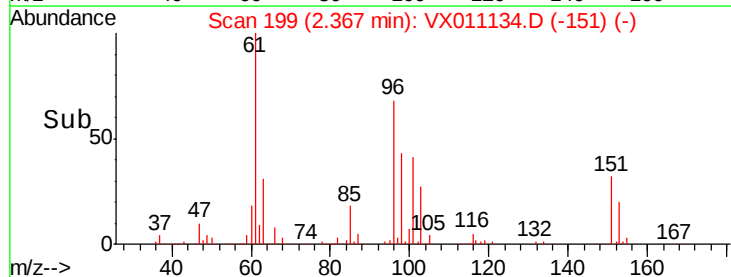
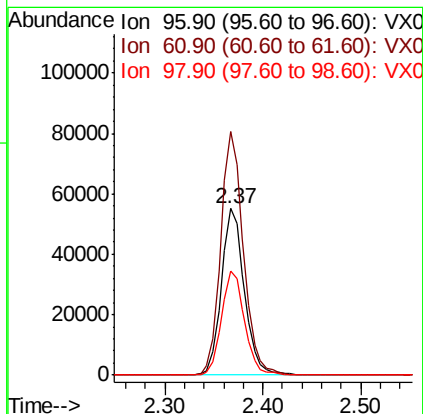
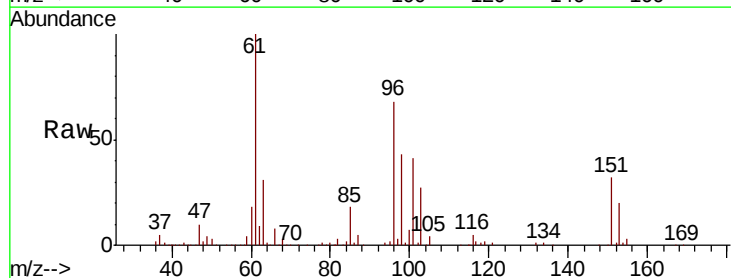
Tot Ion: 59 Resp: 107494
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

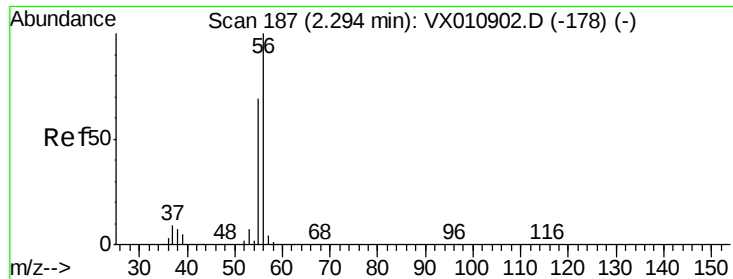


#12

1,1-Dichloroethene
 Concen: 51.019 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 96 Resp: 89700
 Ion Ratio Lower Upper
 96 100
 61 146.2 115.0 172.4
 98 62.6 52.2 78.2





#13

Acrolein

Concen: 203.500 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

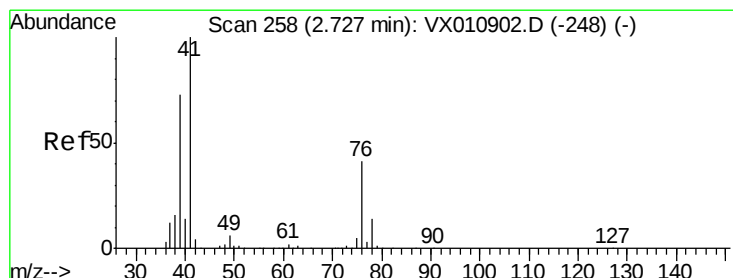
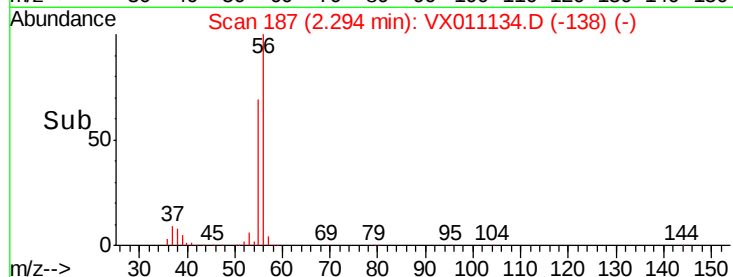
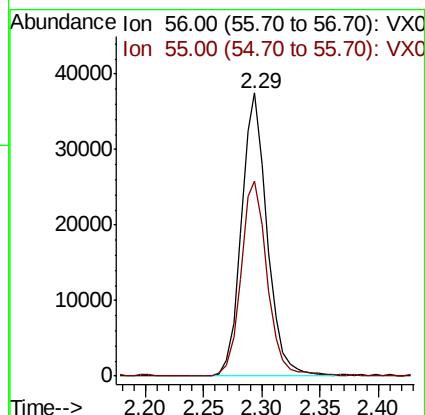
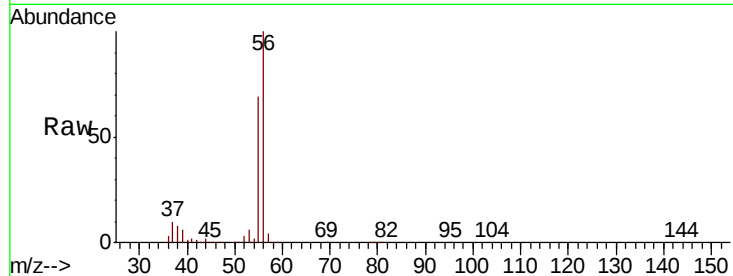
VSTDCCC050

Tot Ion: 56 Resp: 57499

Ion Ratio Lower Upper

56 100

55 69.5 55.9 83.9



#14

Allyl chloride

Concen: 51.050 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

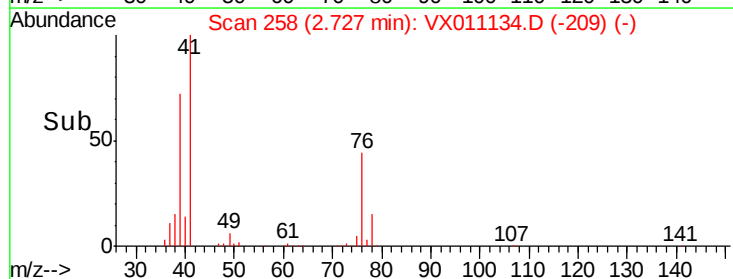
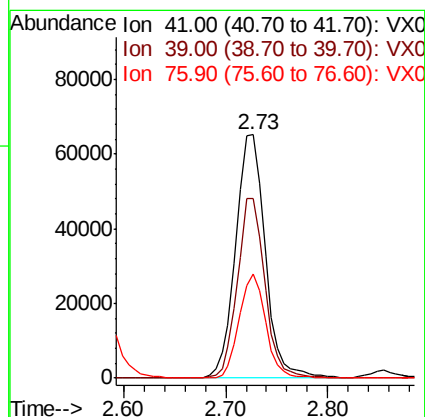
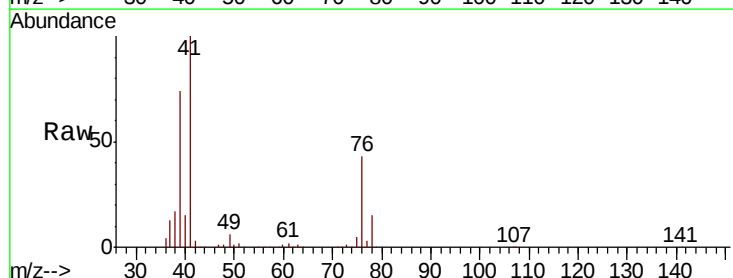
Tgt Ion: 41 Resp: 130372

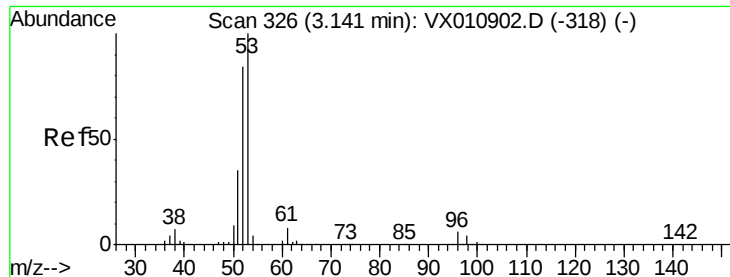
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 38.5 29.7 44.5





#15

Acrylonitrile

Concen: 250.081 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

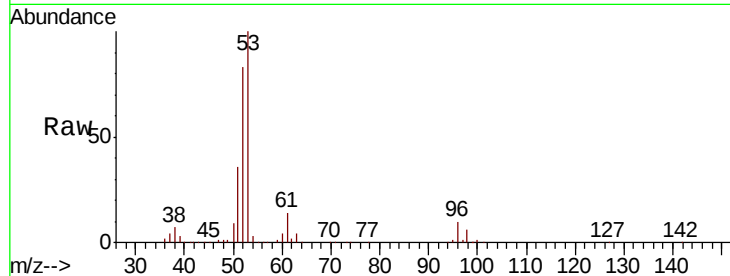
Tot Ion: 53 Resp: 247130

Ion Ratio Lower Upper

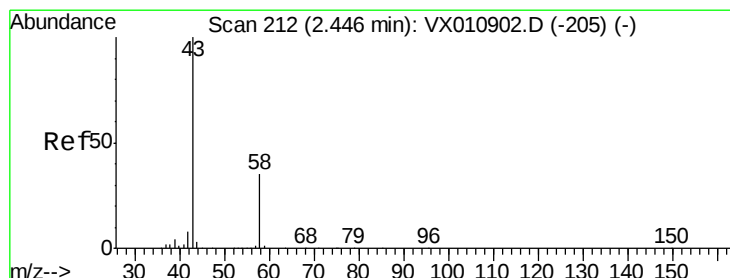
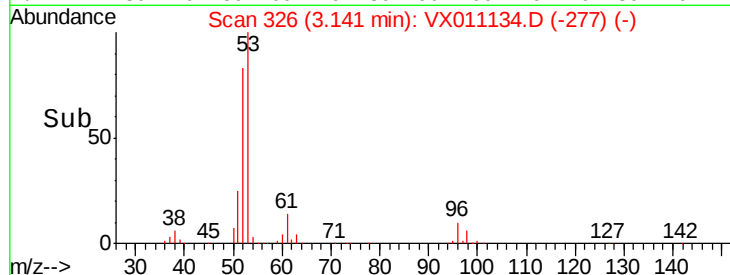
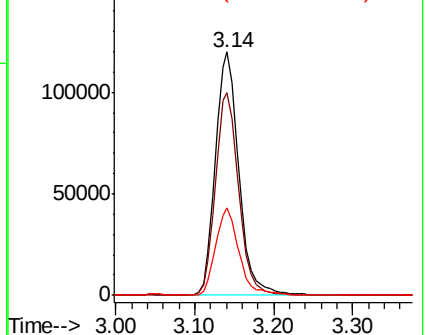
53 100

52 83.0 66.5 99.7

51 36.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 269.604 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011134.D

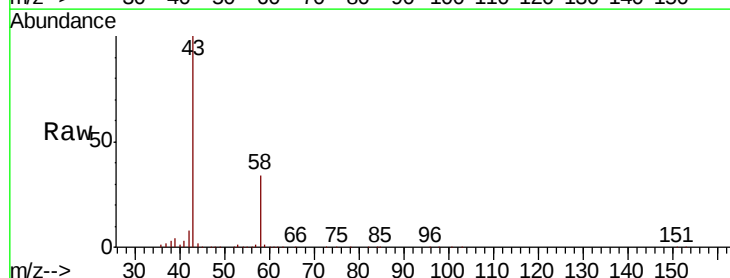
Acq: 29 Jul 2019 10:19

Tgt Ion: 43 Resp: 255694

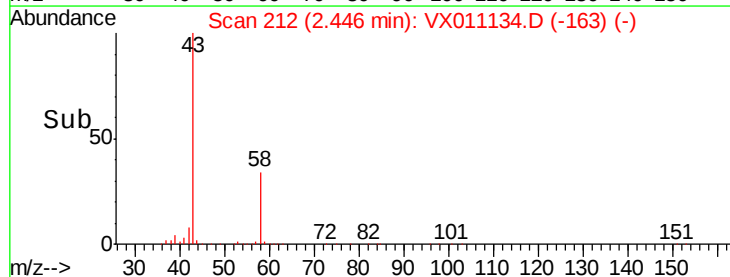
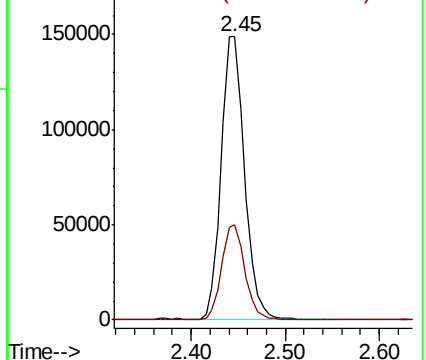
Ion Ratio Lower Upper

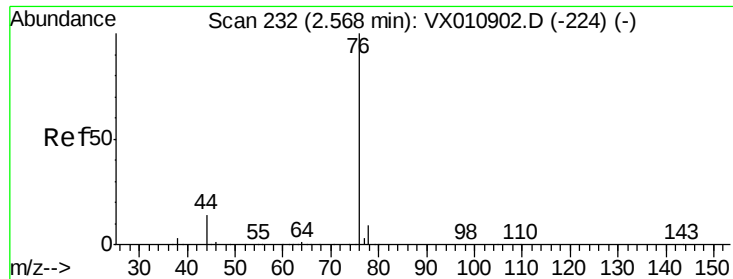
43 100

58 33.8 27.7 41.5



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

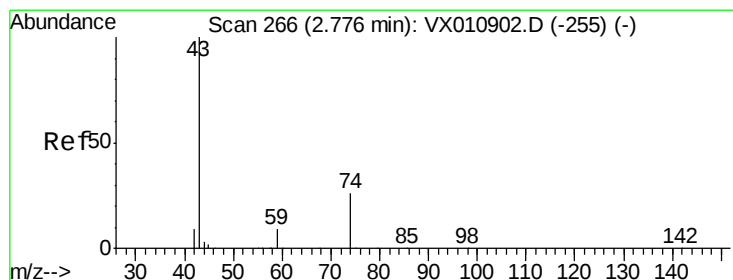
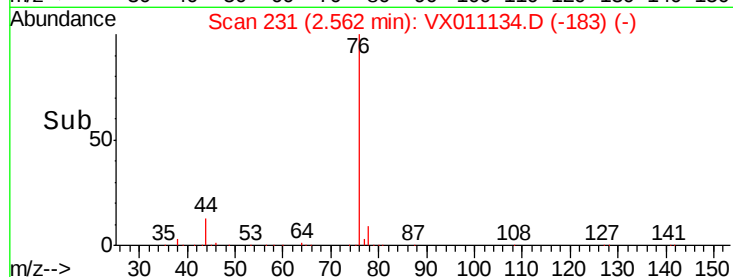
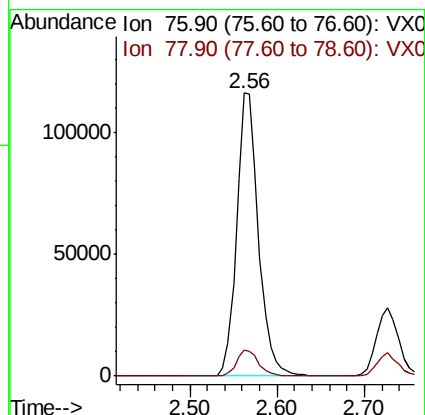
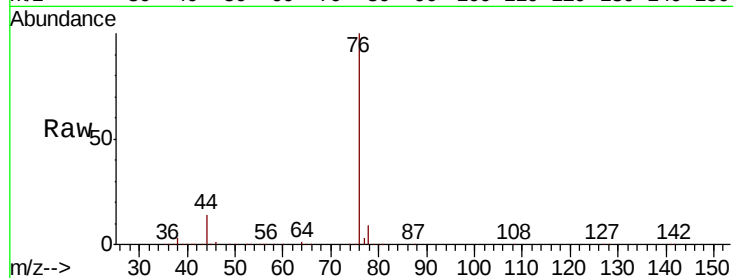




#17
Carbon Disulfide
Concen: 44.927 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

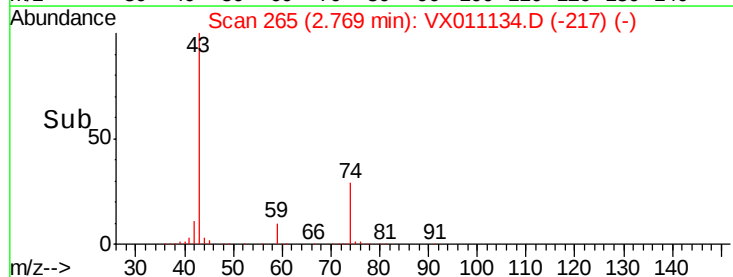
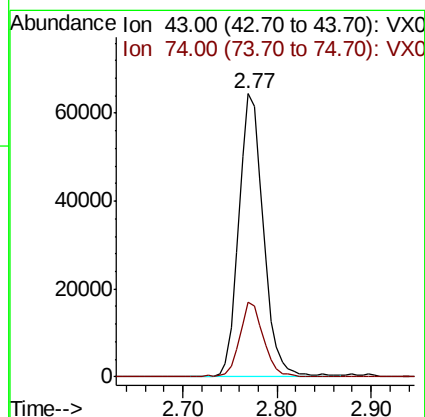
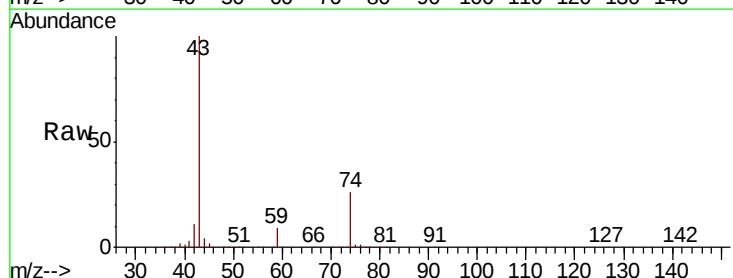
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

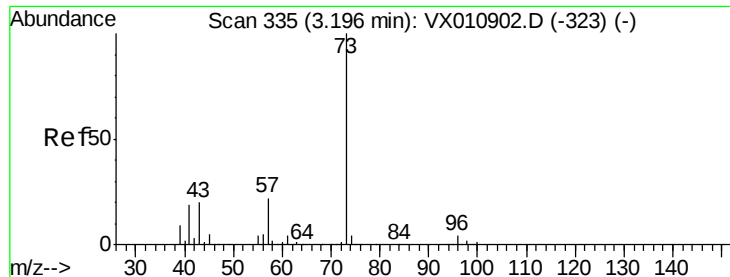
Tot Ion: 76 Resp: 202618
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 54.141 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 43 Resp: 116920
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3



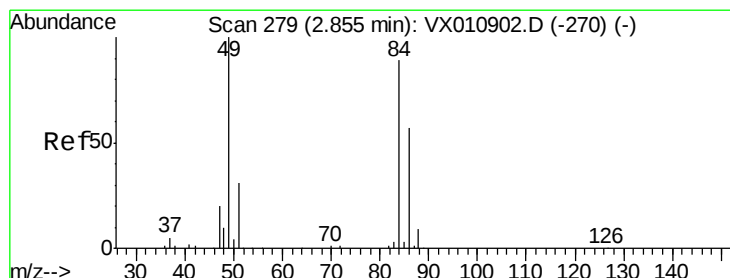
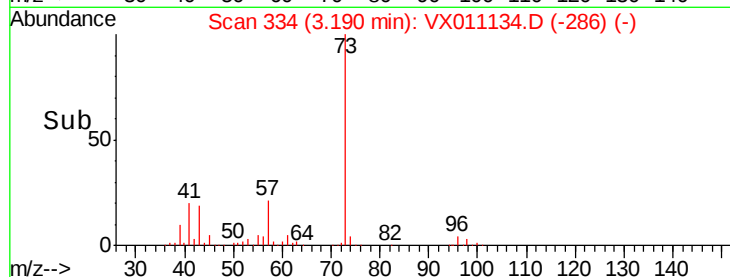
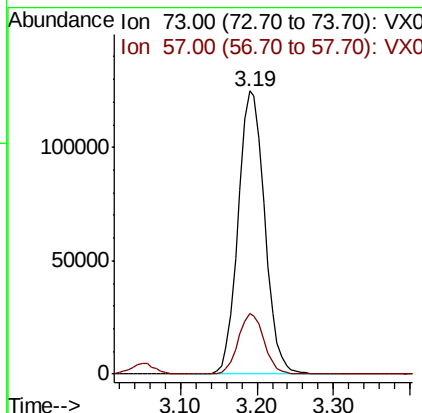
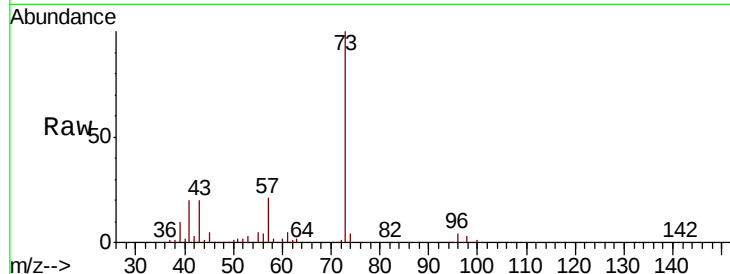


#19

Methyl tert-butyl Ether
 Concen: 52.905 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

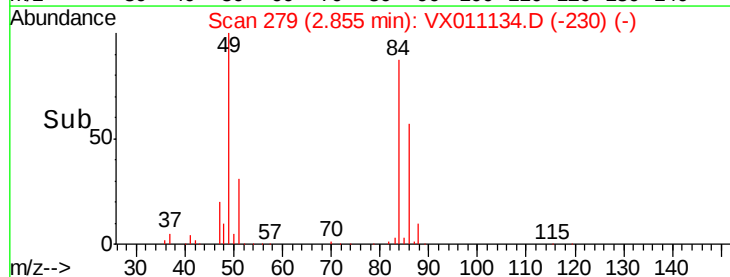
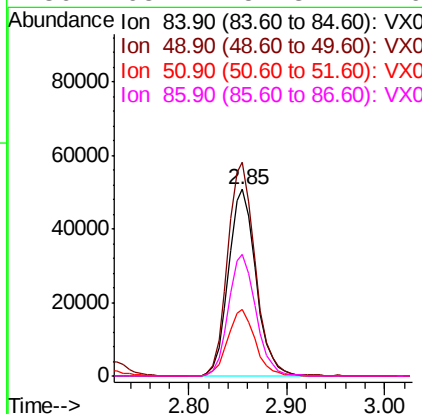
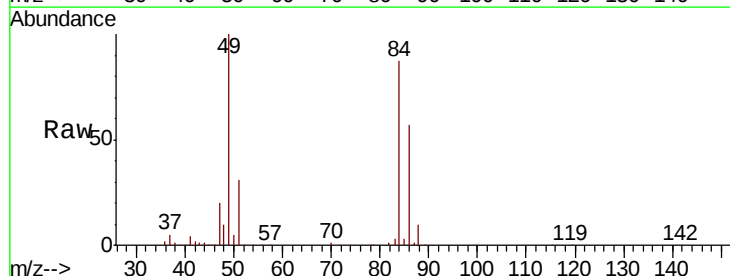
Tot Ion: 73 Resp: 299436
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.3 25.9

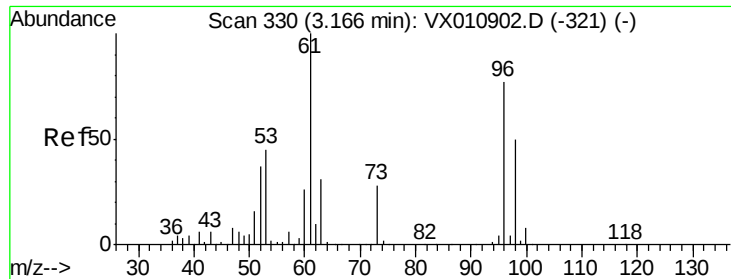


#20

Methylene Chloride
 Concen: 49.315 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 84 Resp: 99117
 Ion Ratio Lower Upper
 84 100
 49 114.5 89.9 134.9
 51 35.4 27.8 41.6
 86 65.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.690 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

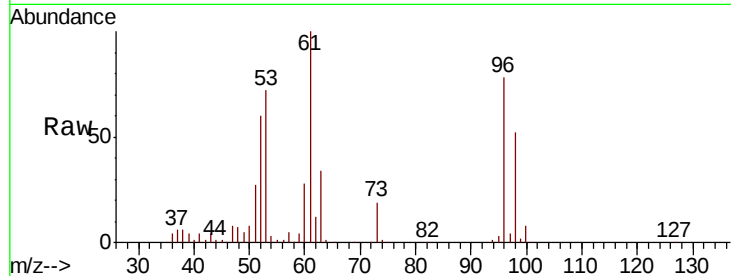
Tot Ion: 96 Resp: 92697

Ion Ratio Lower Upper

96 100

61 128.9 104.2 156.2

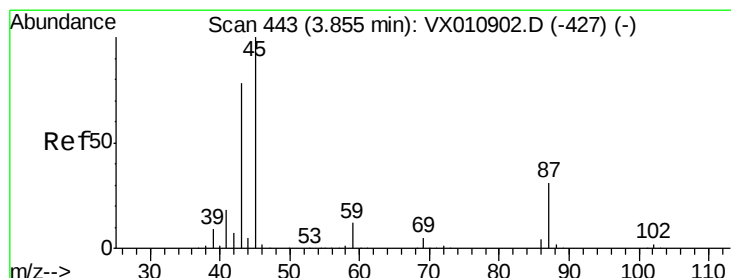
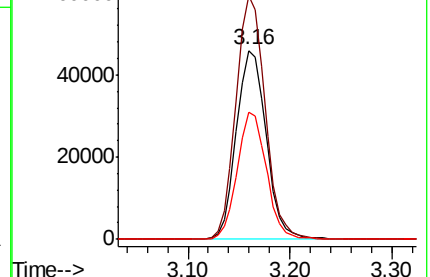
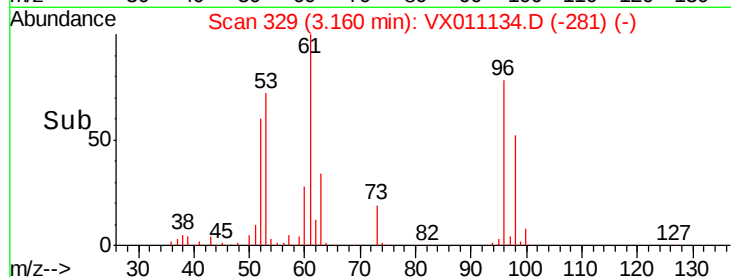
98 67.2 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.472 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion: 45 Resp: 282623

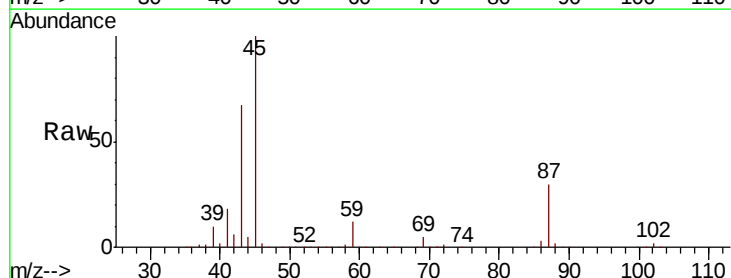
Ion Ratio Lower Upper

45 100

43 67.0 62.3 93.5

87 30.4 25.0 37.4

59 12.0 9.9 14.9

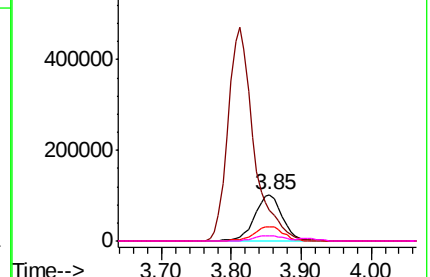
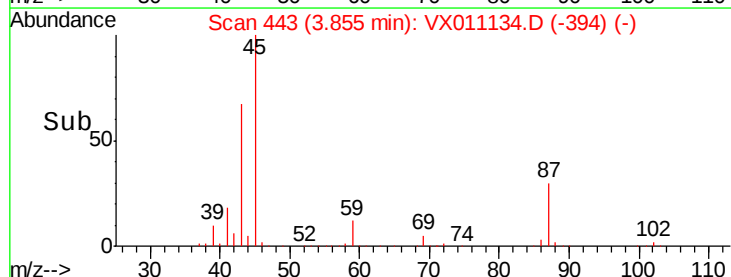


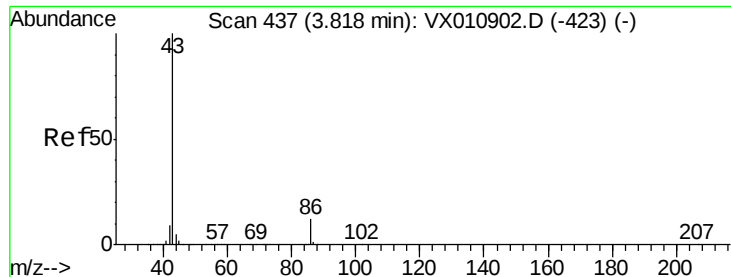
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.975 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

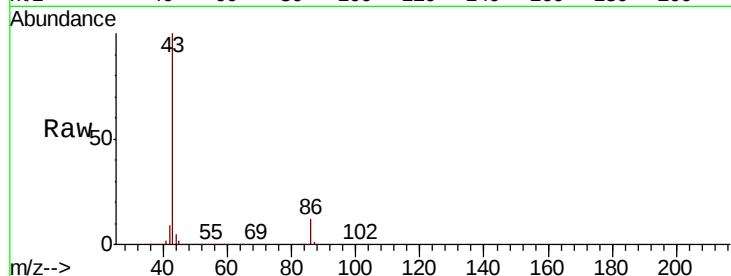
VSTDCCC050

Tot Ion: 43 Resp: 1209246

Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

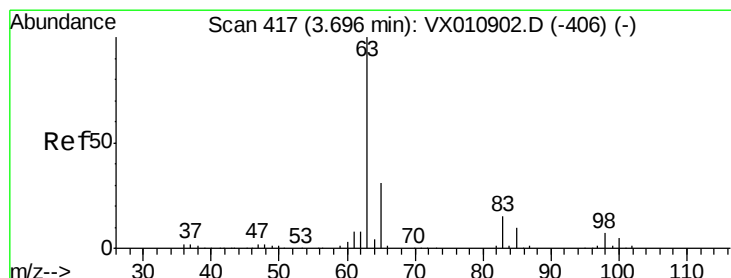
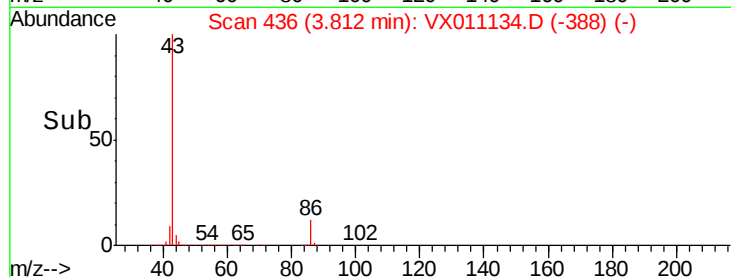
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.740 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

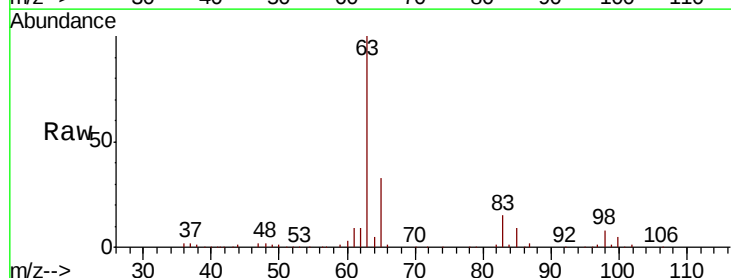
Tgt Ion: 63 Resp: 161844

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

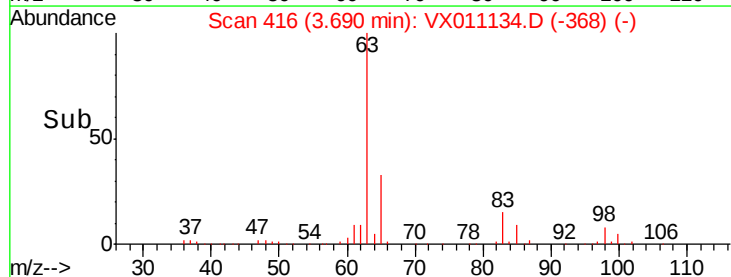
60000

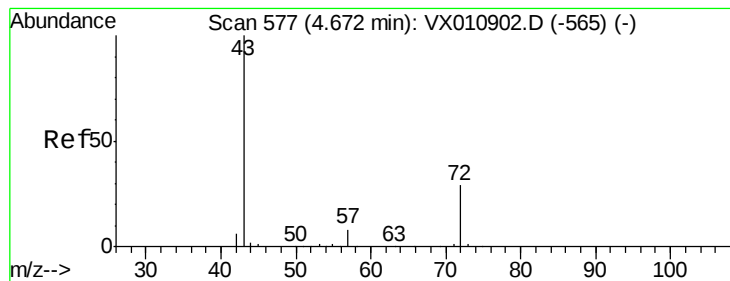
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 261.755 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

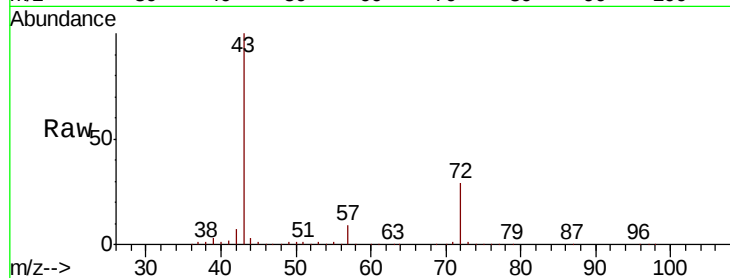
VSTDCCC050

Tot Ion: 43 Resp: 356360

Ion Ratio Lower Upper

43 100

72 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

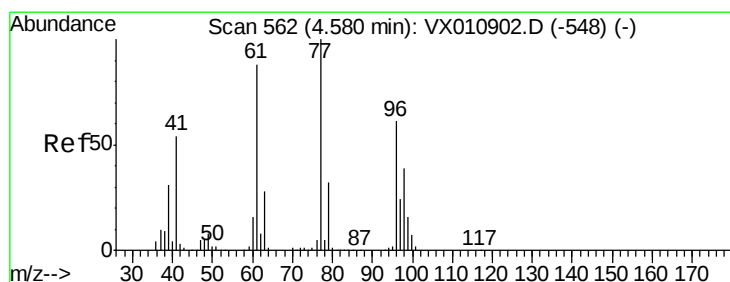
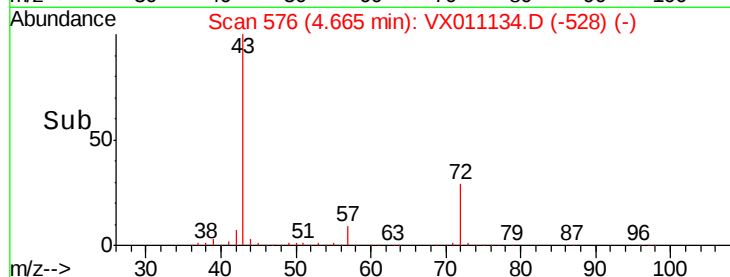
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 55.847 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011134.D

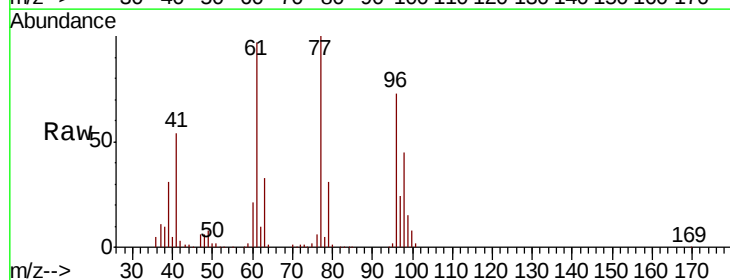
Acq: 29 Jul 2019 10:19

Tgt Ion: 77 Resp: 143436

Ion Ratio Lower Upper

77 100

97 24.8 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

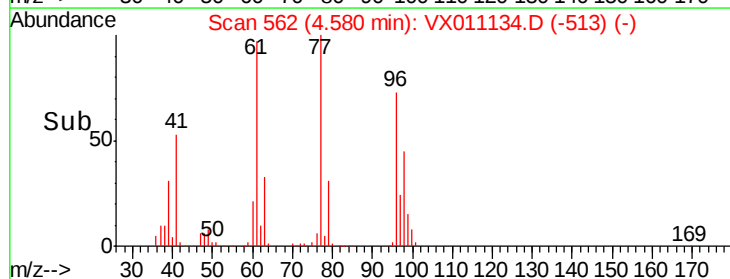
30000

20000

10000

0

Time-->



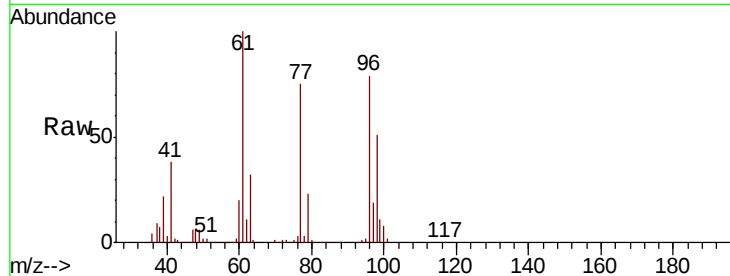


#27

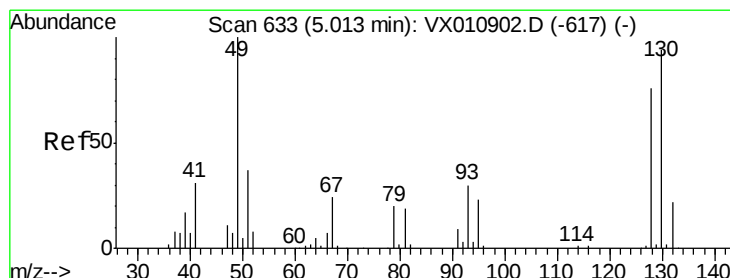
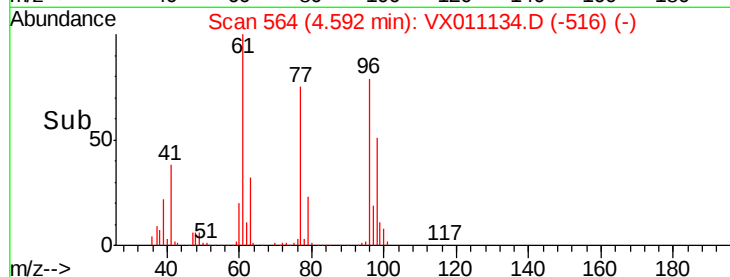
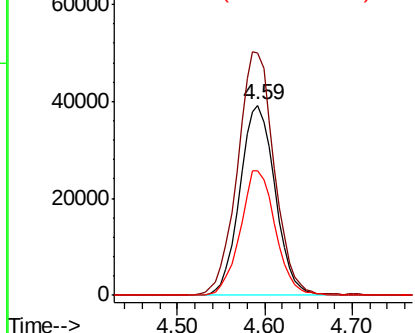
cis-1,2-Dichloroethene
Concen: 51.047 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 110211
Ion Ratio Lower Upper
96 100
61 133.4 0.0 269.0
98 65.0 0.0 131.4



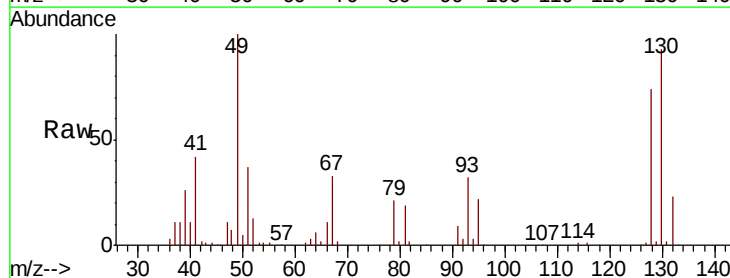
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



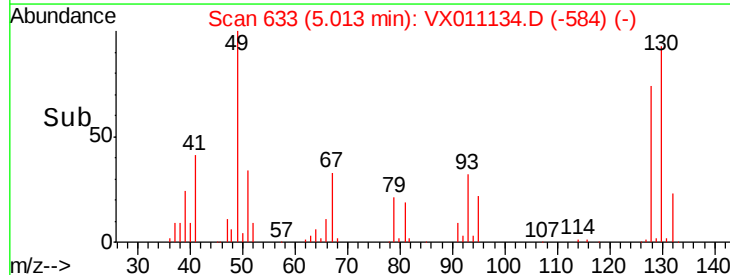
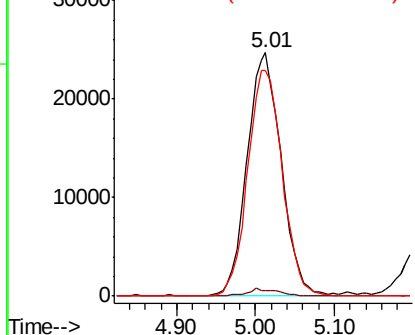
#28

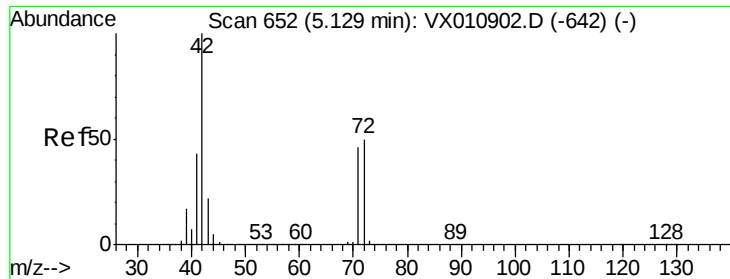
Bromochloromethane
Concen: 50.594 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 49 Resp: 74577
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 93.8 76.9 115.3



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

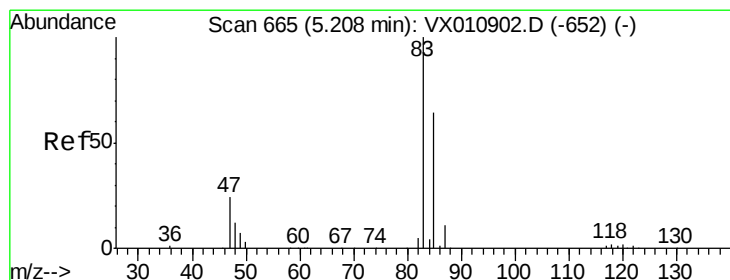
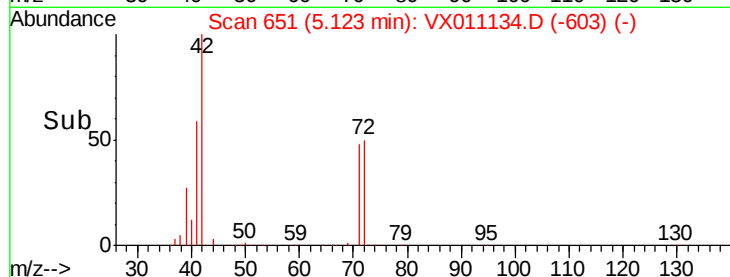
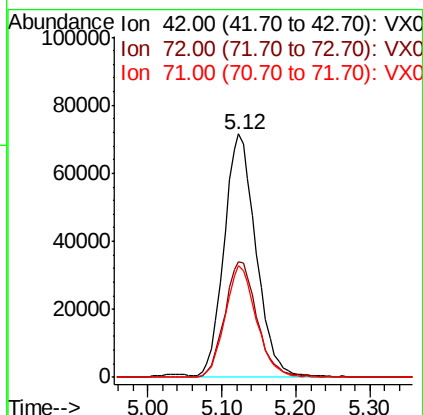
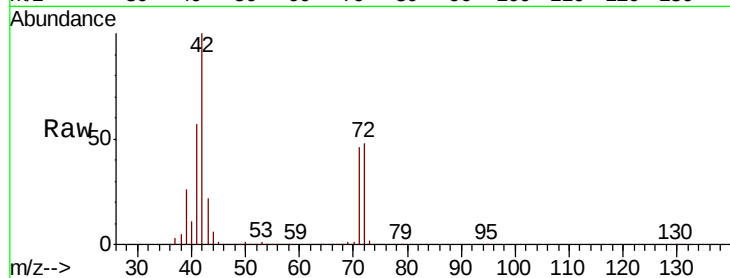




#29
Tetrahydrofuran
Concen: 246.863 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

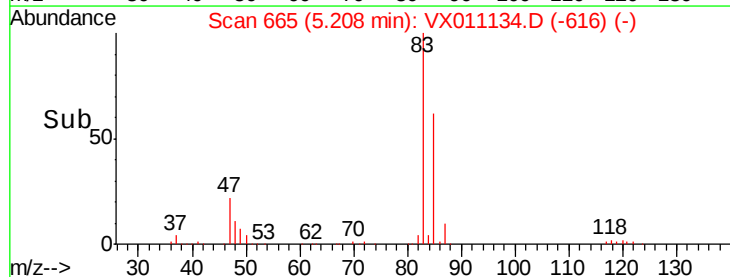
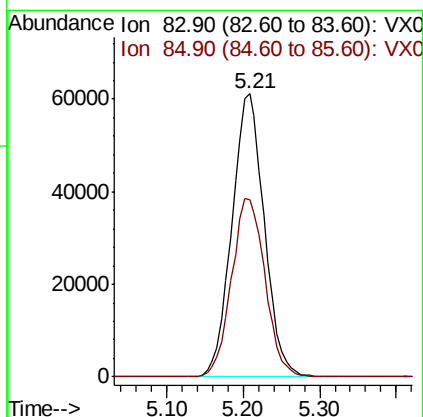
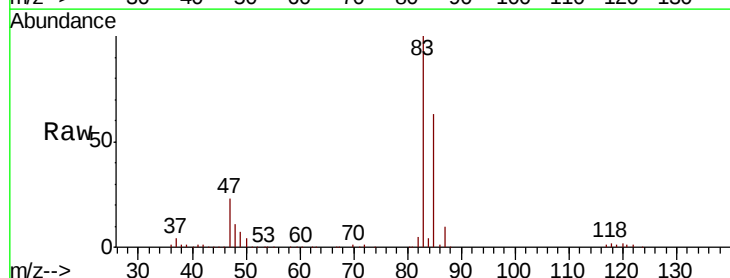
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

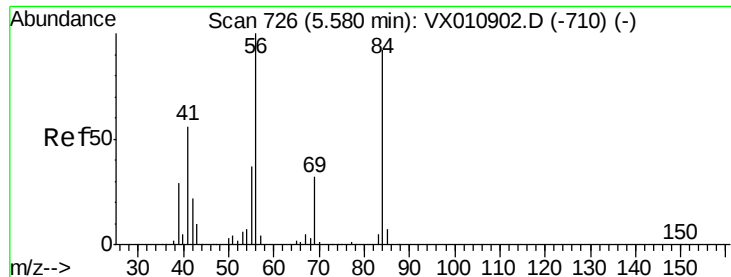
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.8	59.8
71	45.3	37.0	55.4



#30
Chloroform
Concen: 53.040 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.0

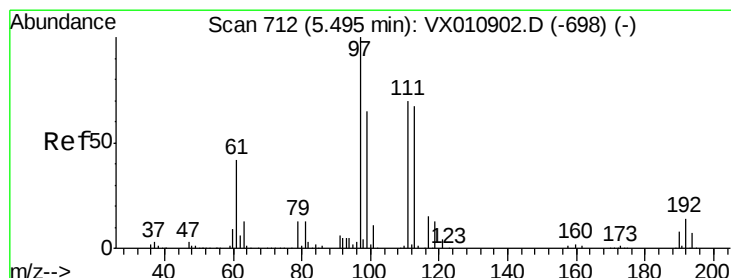
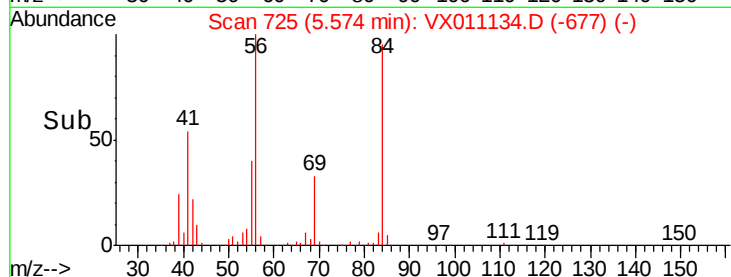
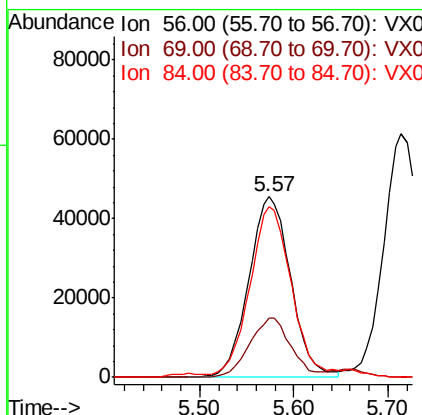
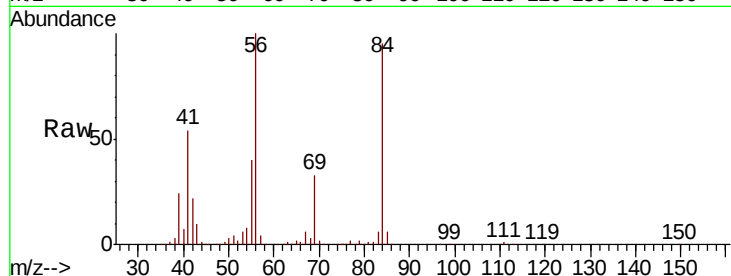




#31
Cyclohexane
Concen: 49.795 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

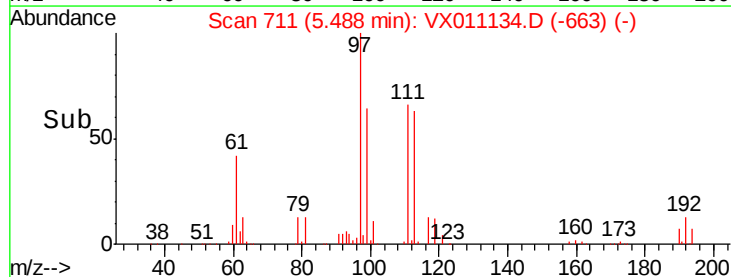
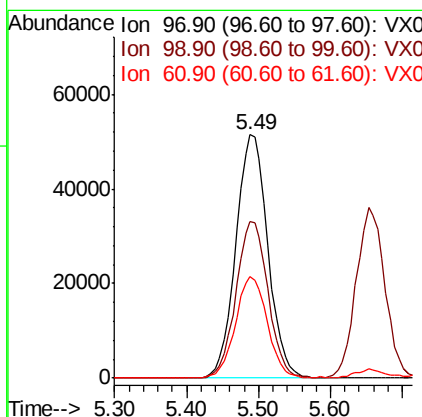
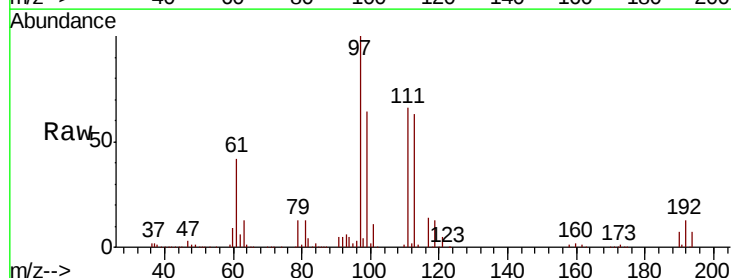
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

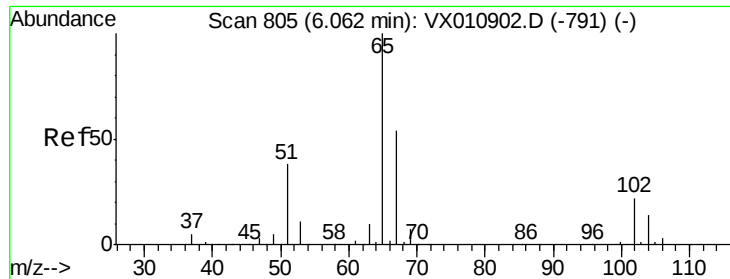
Tot Ion: 56 Resp: 141974
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.8
84 92.0 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 54.284 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 97 Resp: 158787
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 41.6 33.0 49.6

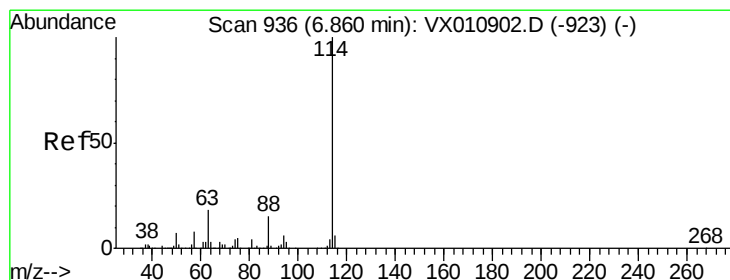
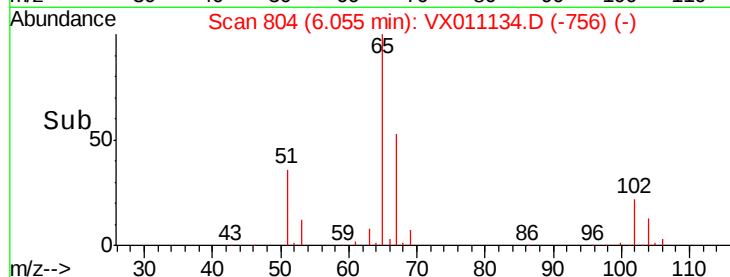
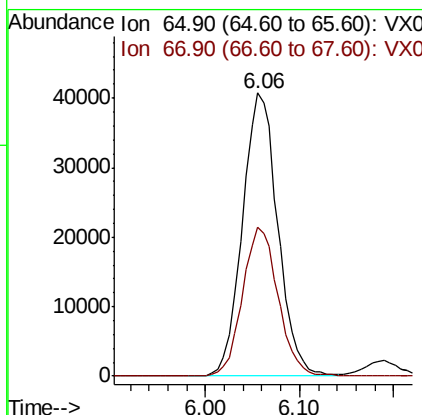
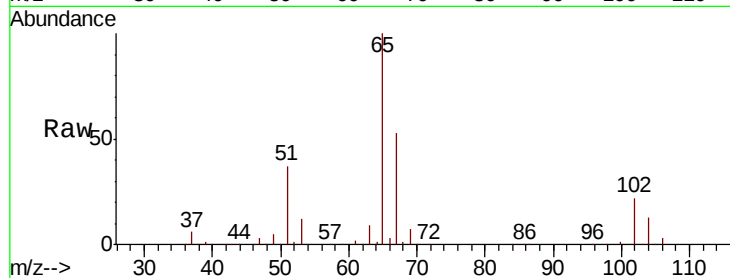




#33
 1,2-Dichloroethane-d4
 Concen: 51.009 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

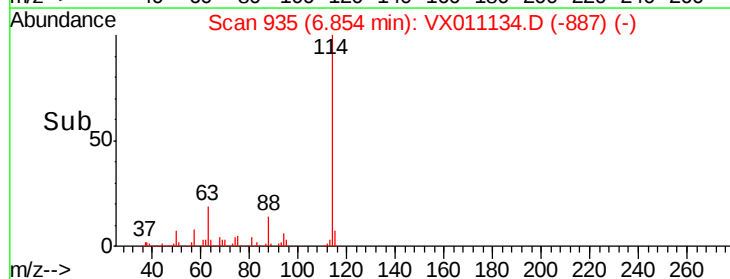
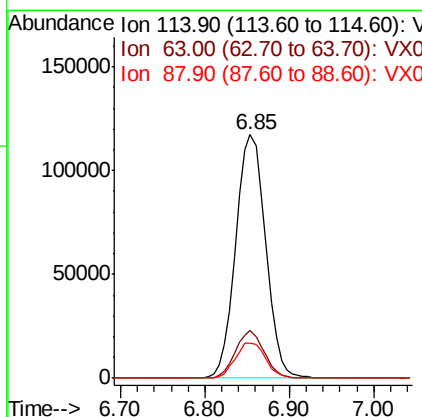
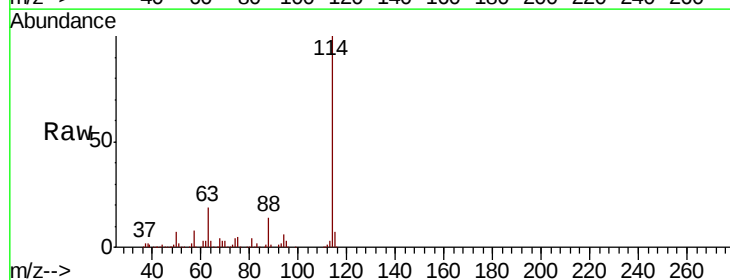
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

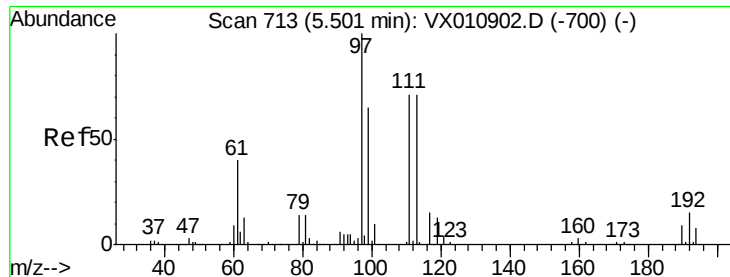
Tot Ion: 65 Resp: 107112
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 114 Resp: 281064
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 35.6
 88 14.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.423 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

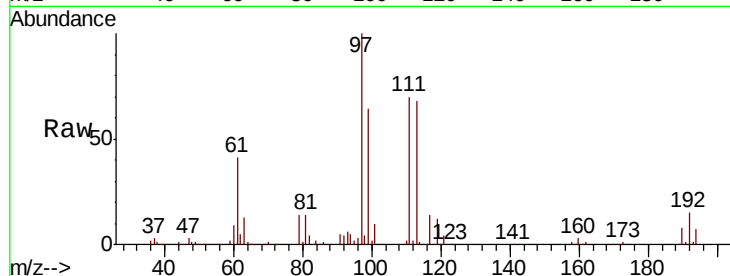
Tot Ion:113 Resp: 97089

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

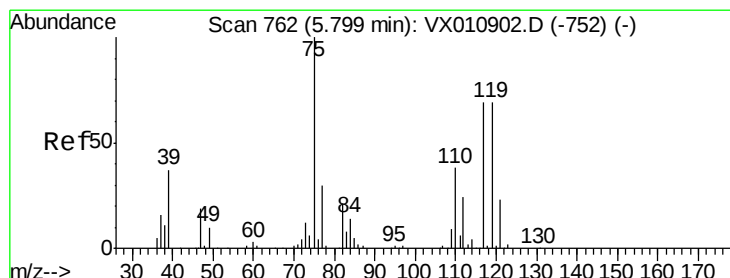
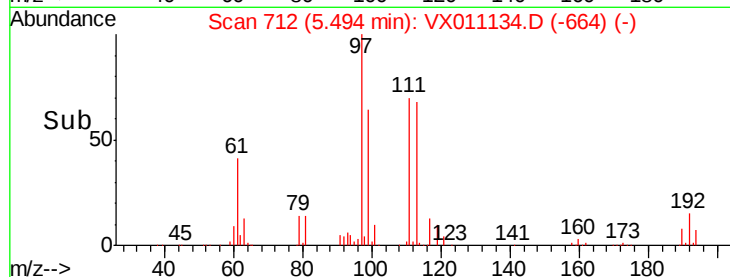
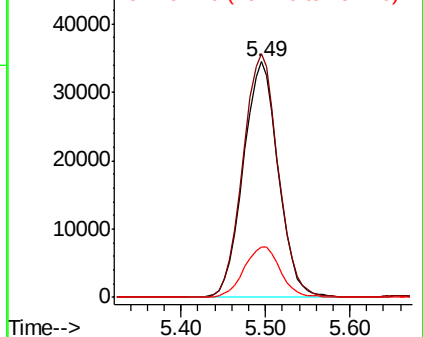
192 22.1 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.639 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

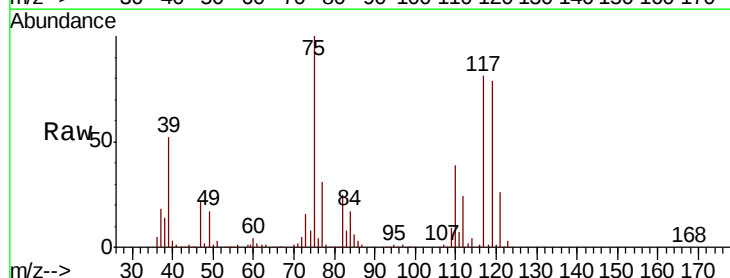
Tgt Ion: 75 Resp: 126144

Ion Ratio Lower Upper

75 100

110 39.4 19.9 59.7

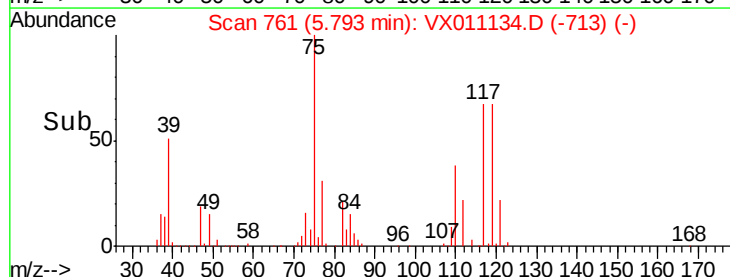
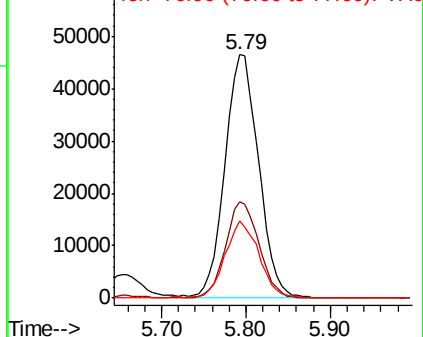
77 31.6 25.0 37.4

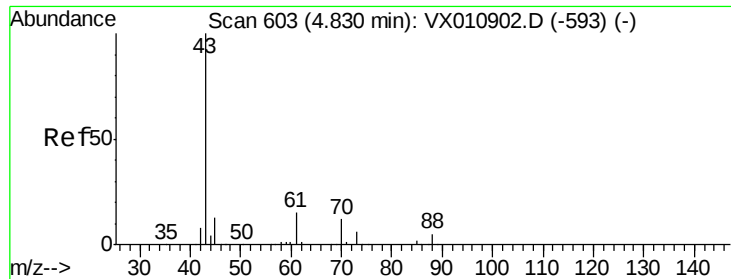


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.486 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

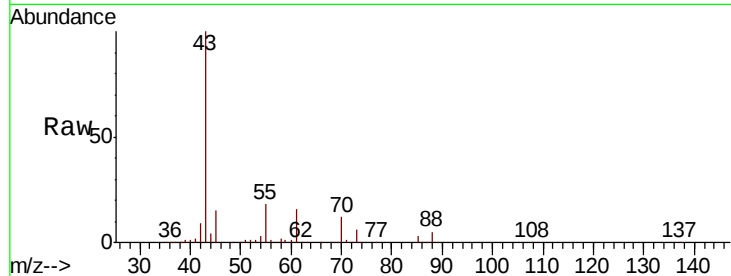
Tot Ion: 43 Resp: 124079

Ion Ratio Lower Upper

43 100

61 15.4 11.6 17.4

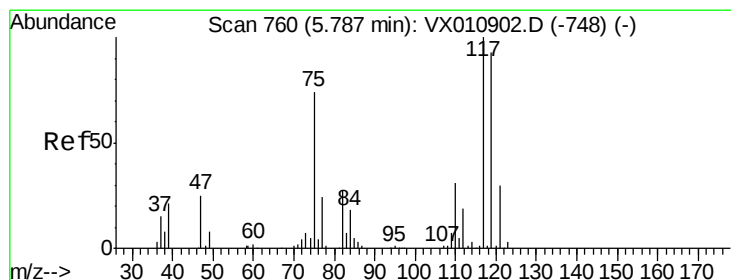
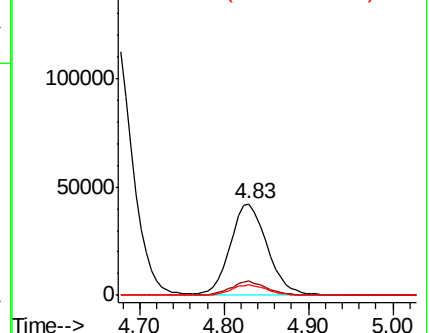
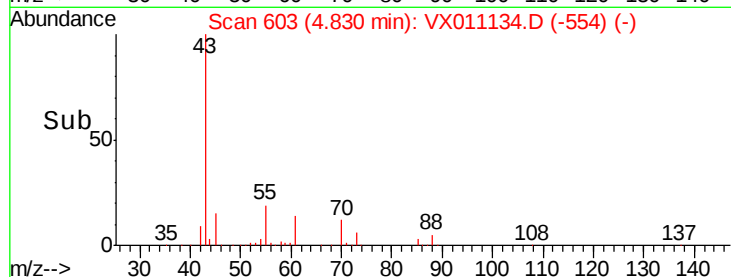
70 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 58.294 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

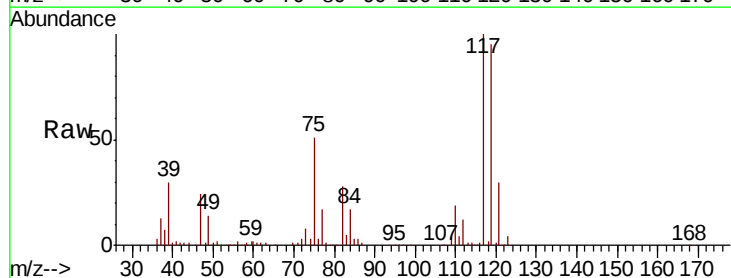
Tgt Ion: 117 Resp: 140240

Ion Ratio Lower Upper

117 100

119 94.9 74.2 111.2

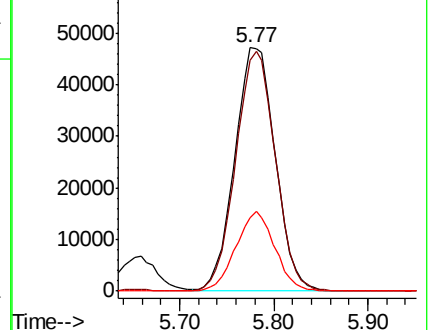
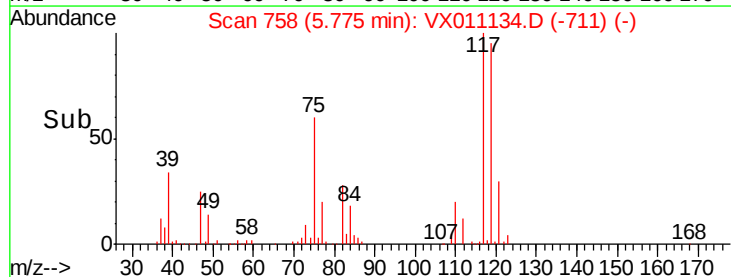
121 30.3 24.2 36.2

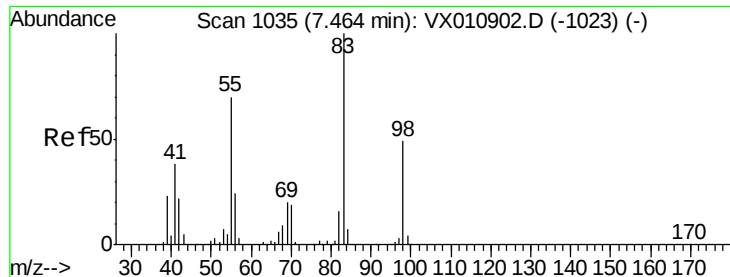


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

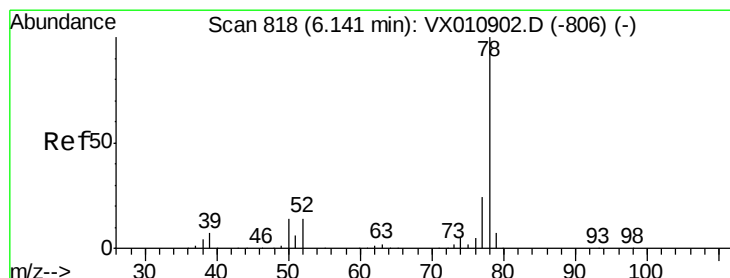
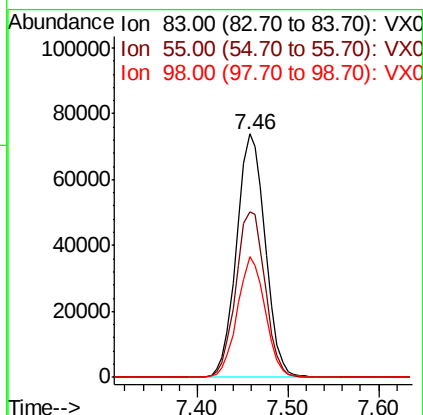
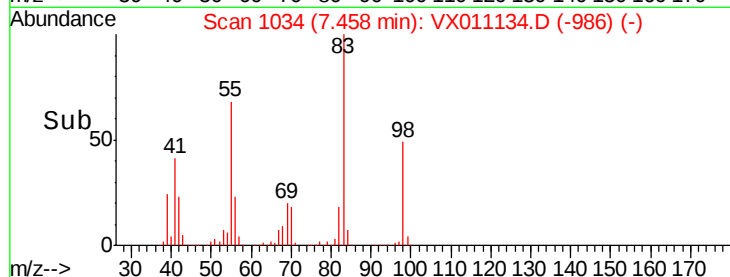
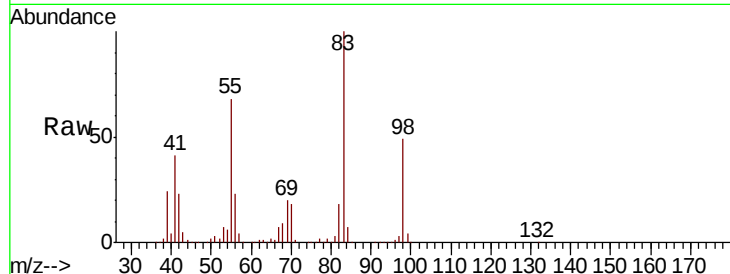




#39
Methvlcvclohexane
Concen: 54.027 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

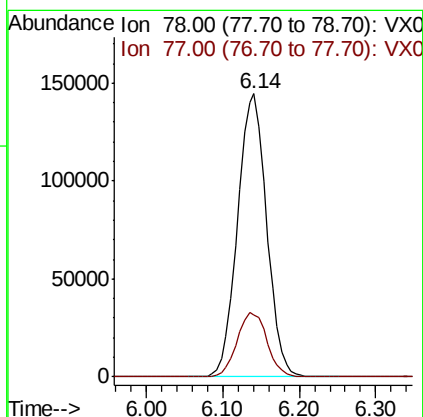
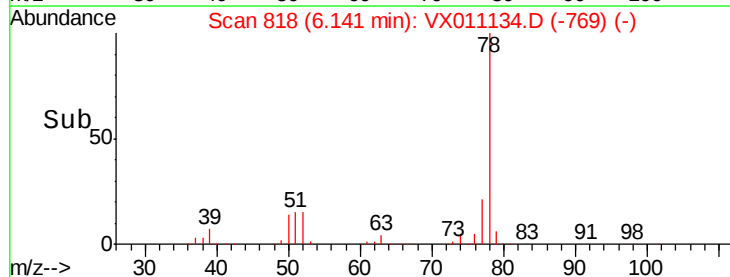
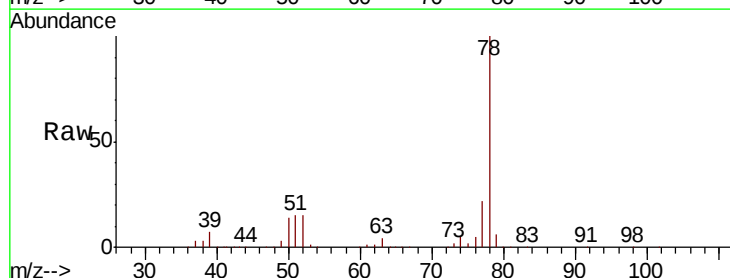
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

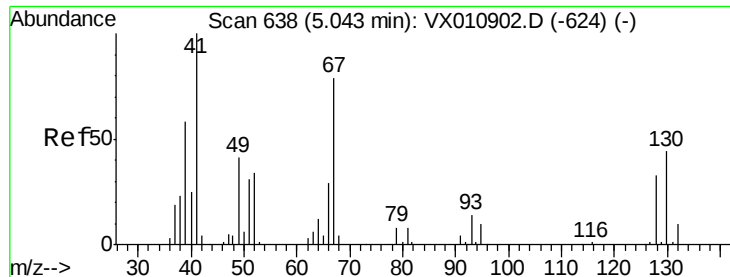
Tot Ion: 83 Resp: 161751
Ion Ratio Lower Upper
83 100
55 67.9 56.2 84.4
98 49.4 39.0 58.4



#40
Benzene
Concen: 53.848 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 78 Resp: 380815
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6





#41

Methacrylonitrile

Concen: 52.559 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 70535

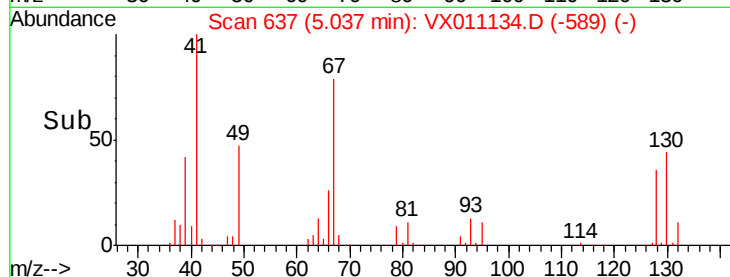
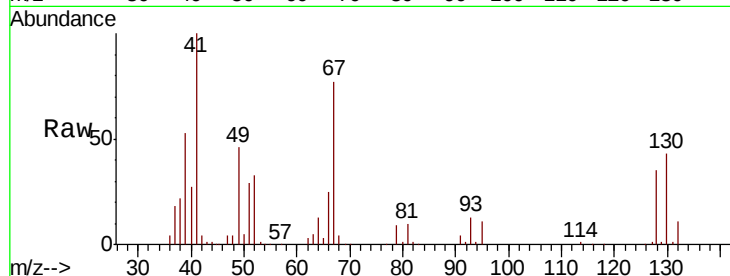
Ion Ratio Lower Upper

41 100

39 55.1 45.4 68.2

67 80.1 65.9 98.9

52 33.2 26.2 39.2

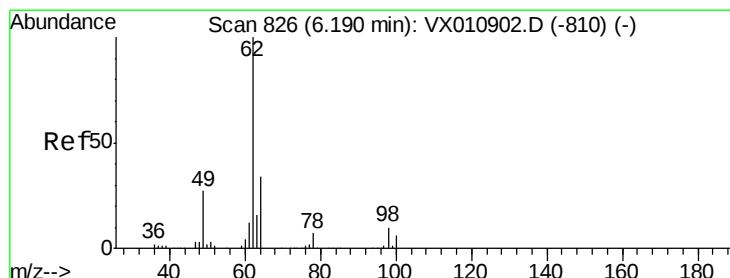
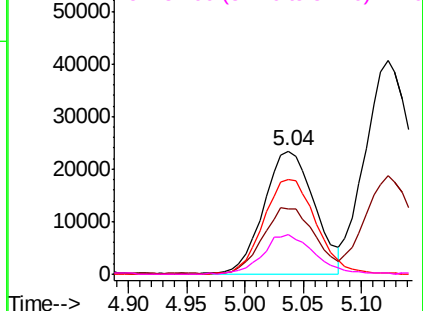


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.508 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011134.D

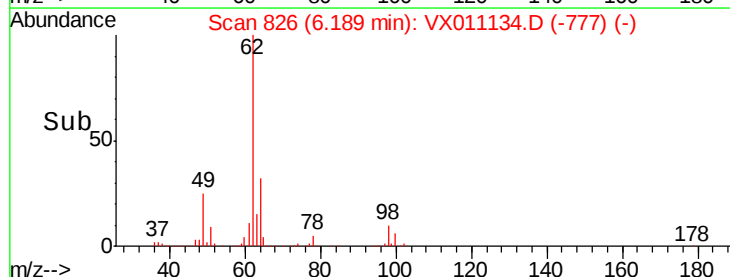
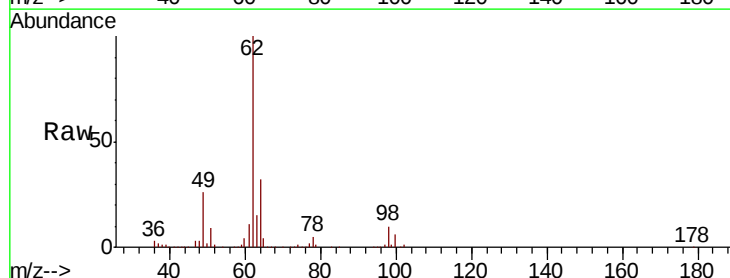
Acq: 29 Jul 2019 10:19

Tgt Ion: 62 Resp: 136488

Ion Ratio Lower Upper

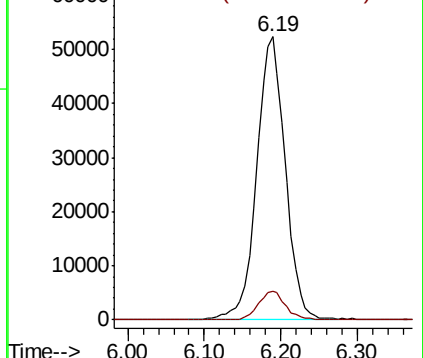
62 100

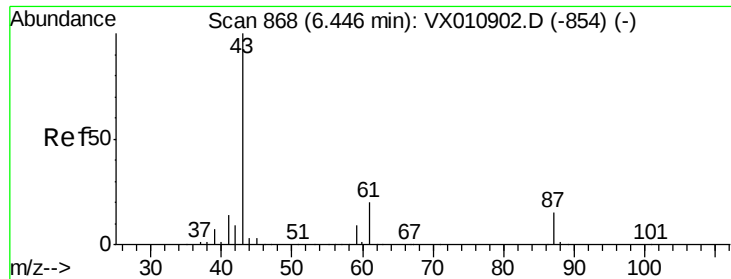
98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



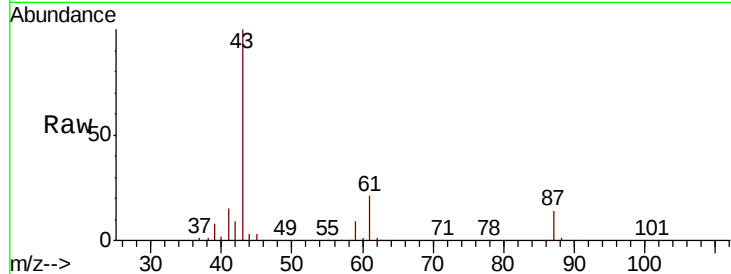


#43

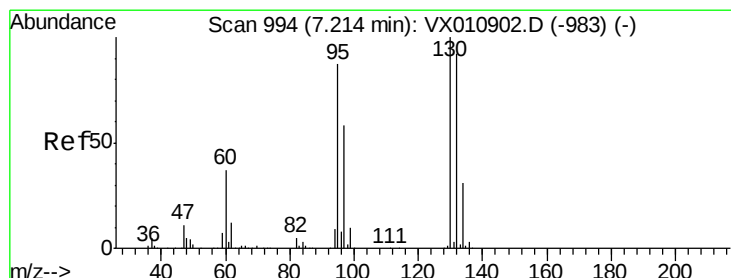
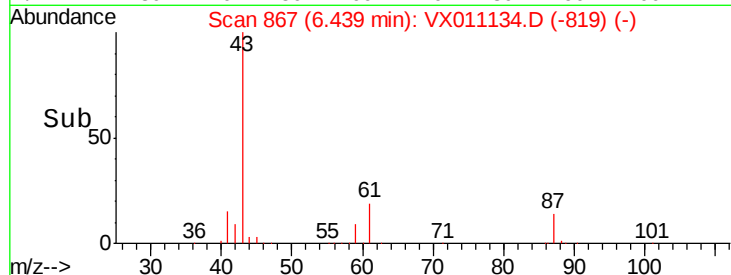
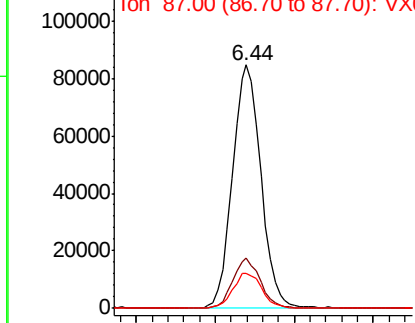
Isopropyl Acetate
 Concen: 54.457 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 211682
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.1 25.7
 87 14.7 12.0 18.0



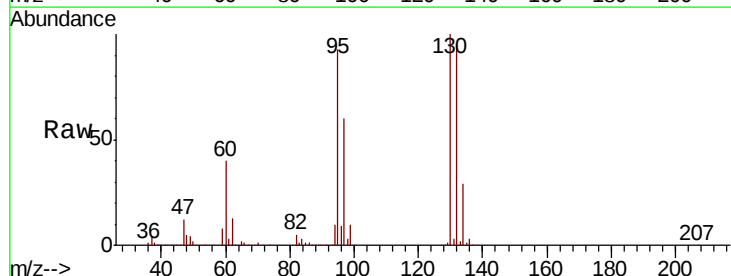
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



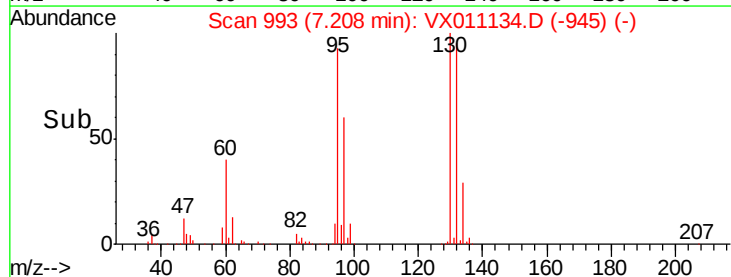
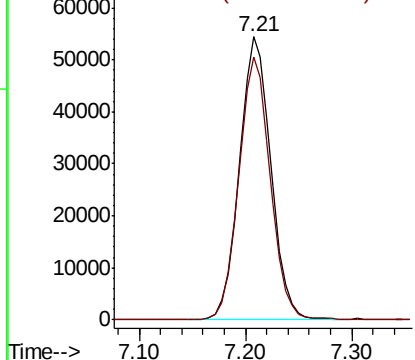
#44

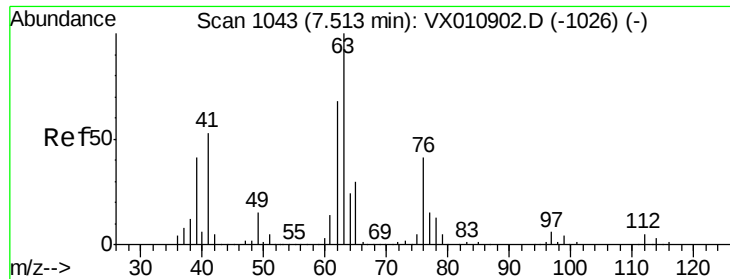
Trichloroethene
 Concen: 53.811 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 130 Resp: 112645
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 174.8



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





#45

1,2-Dichloropropane

Concen: 53.845 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

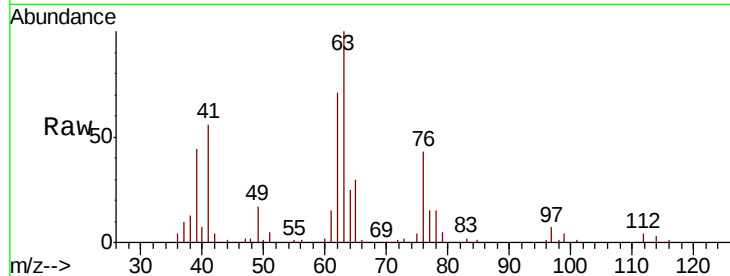
VSTDCCC050

Tot Ion: 63 Resp: 96919

Ion Ratio Lower Upper

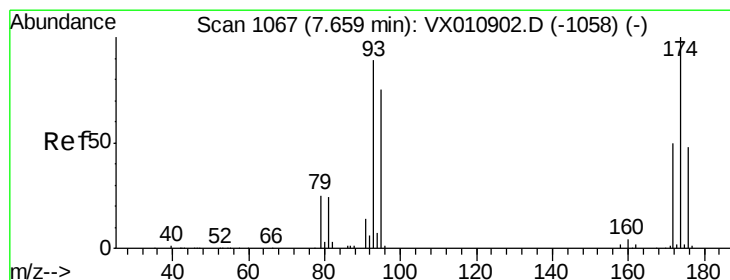
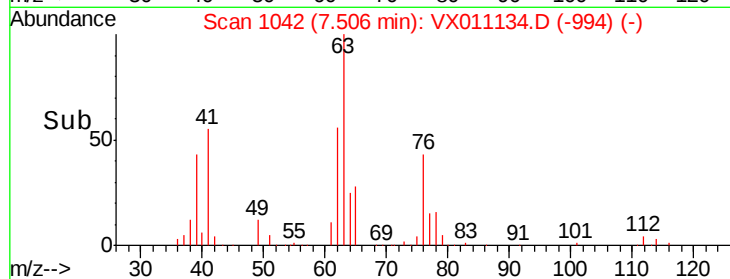
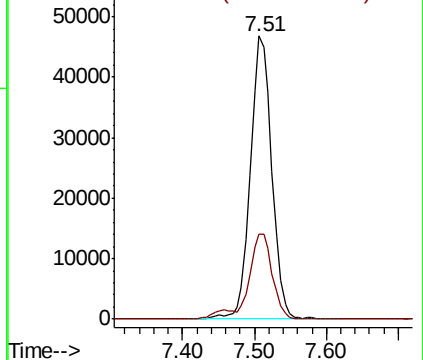
63 100

65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.075 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

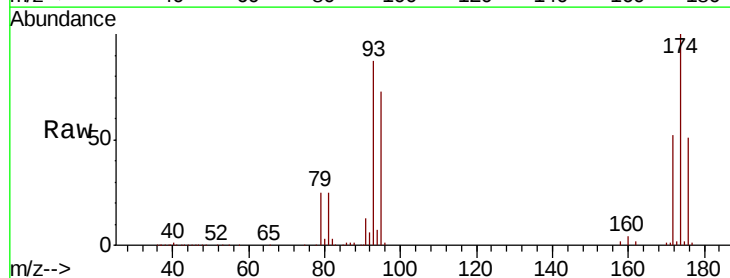
Tgt Ion: 93 Resp: 70837

Ion Ratio Lower Upper

93 100

95 83.9 67.2 100.8

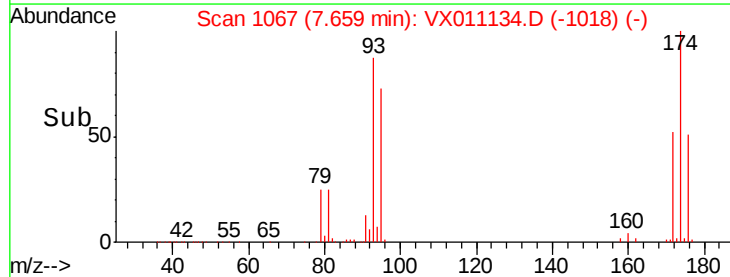
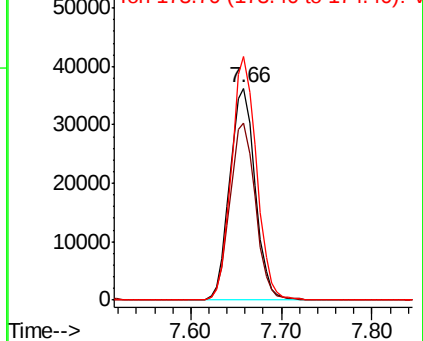
174 113.5 90.6 135.8

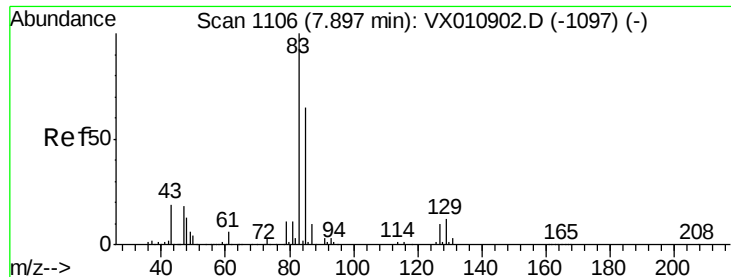


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 58.882 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

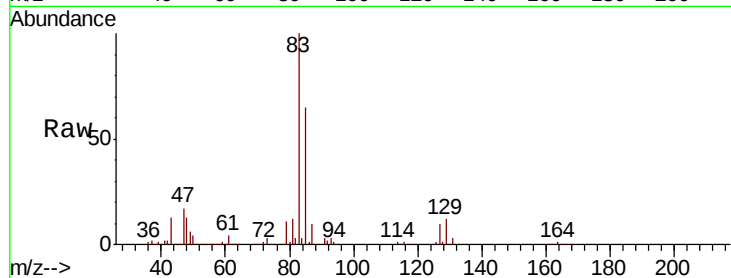
Tot Ion: 83 Resp: 134811

Ion Ratio Lower Upper

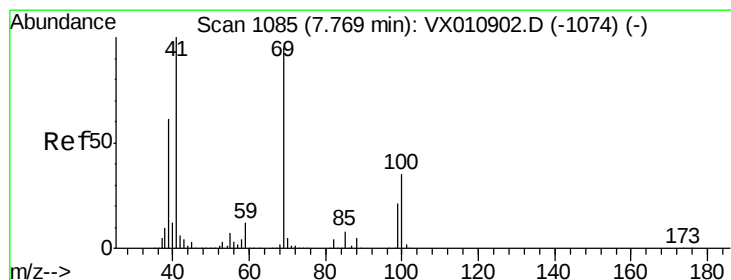
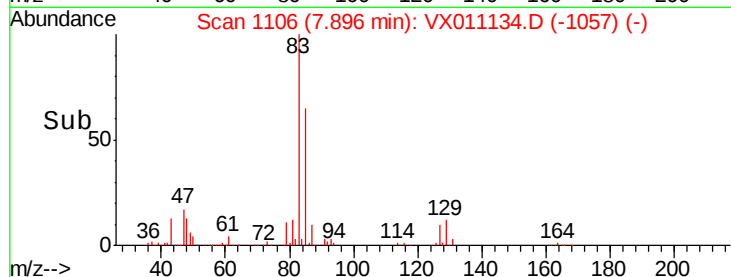
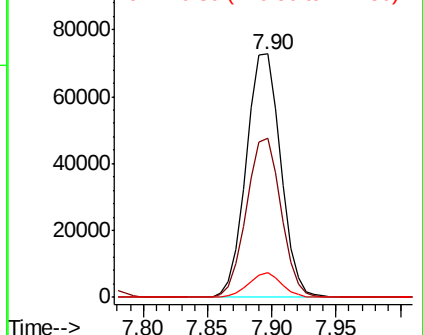
83 100

85 65.5 52.5 78.7

127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.400 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

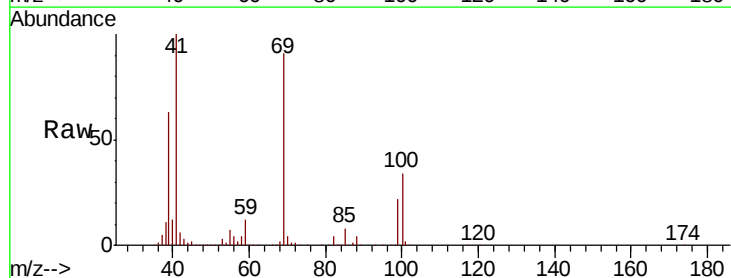
Tgt Ion: 41 Resp: 103015

Ion Ratio Lower Upper

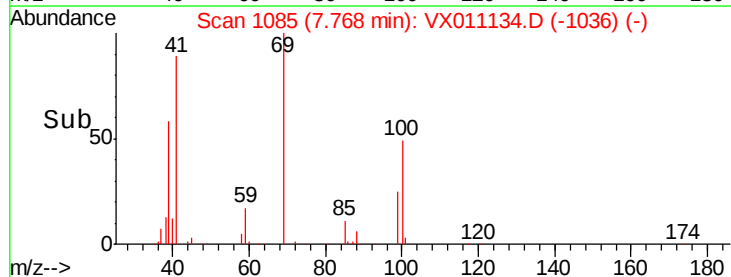
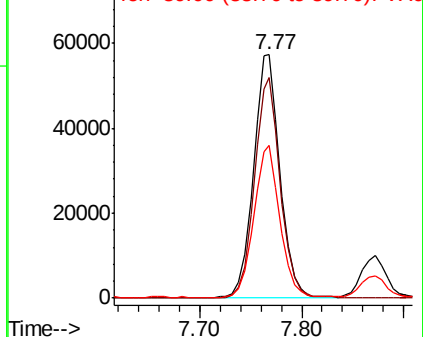
41 100

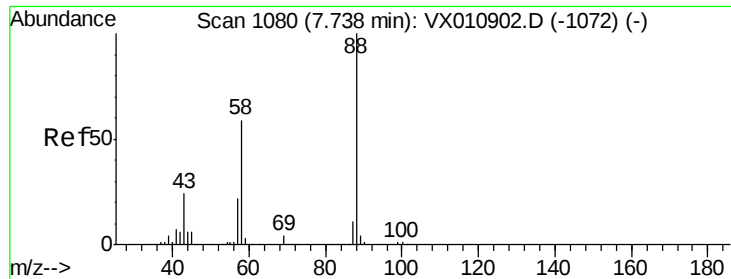
69 89.3 74.4 111.6

39 61.7 48.9 73.3



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

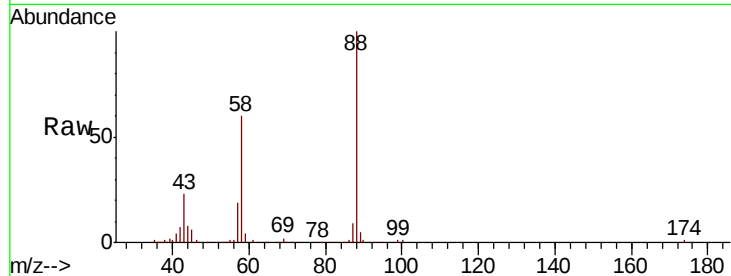




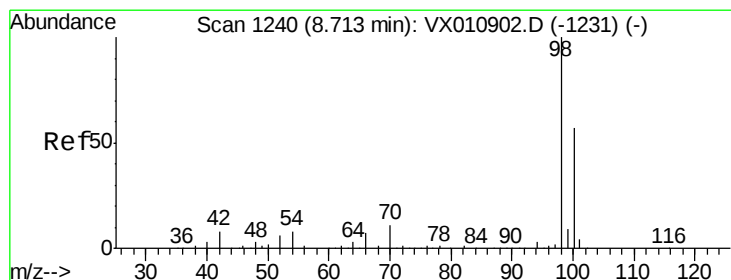
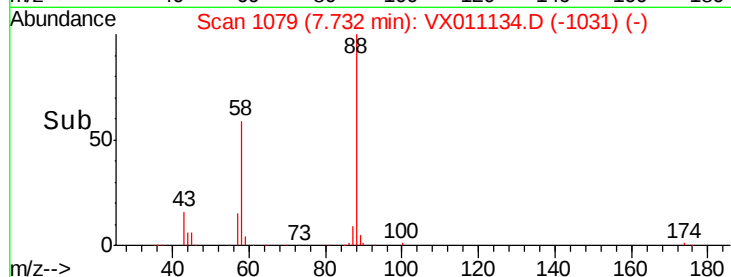
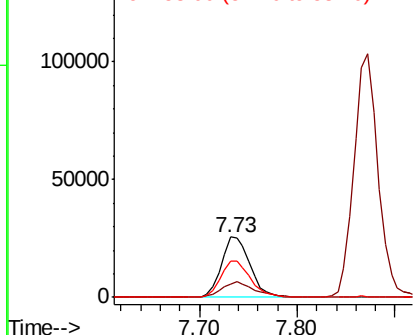
#49
 1,4-Dioxane
 Concen: 979.809 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 51900
 Ion Ratio Lower Upper
 88 100
 43 29.0 22.9 34.3
 58 63.1 49.8 74.8

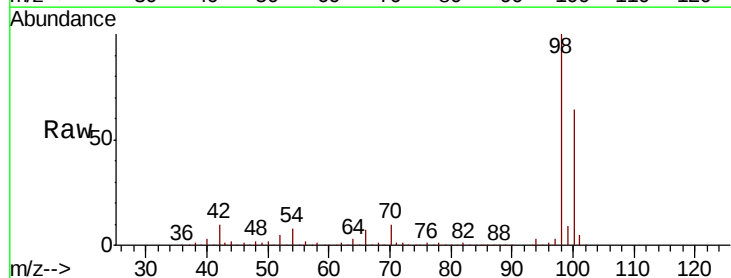


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

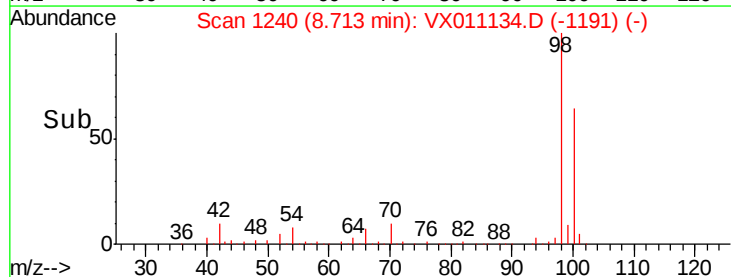
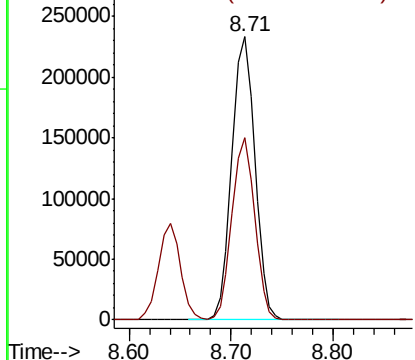


#50
 Toluene-d8
 Concen: 54.502 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 98 Resp: 364673
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.6 75.8



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

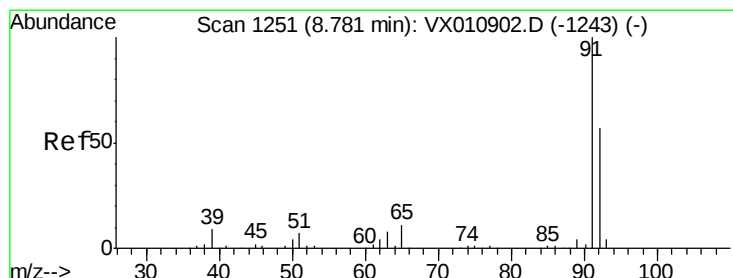
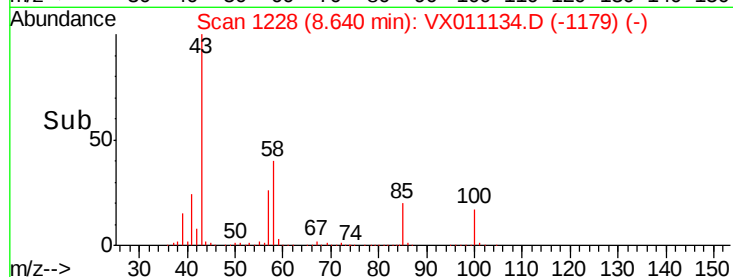
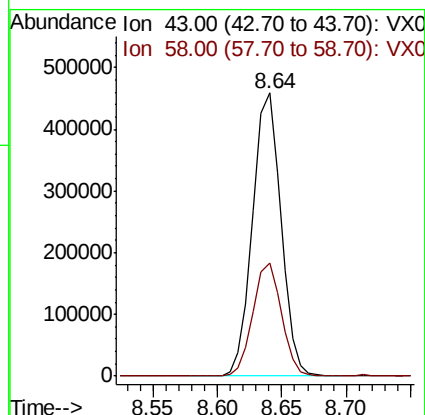
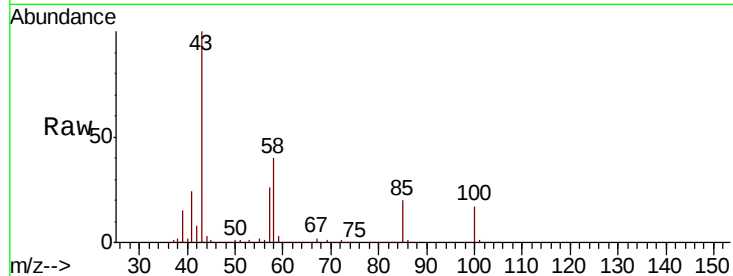




#51
 4-Methyl-2-Pentanone
 Concen: 277.030 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

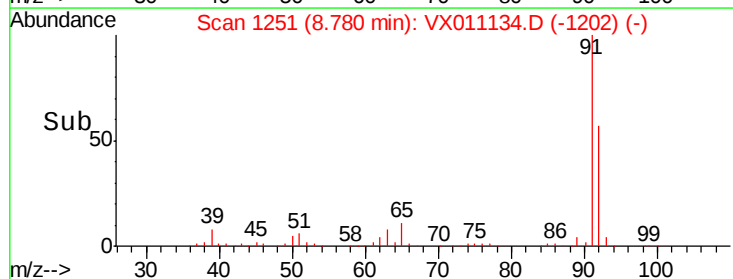
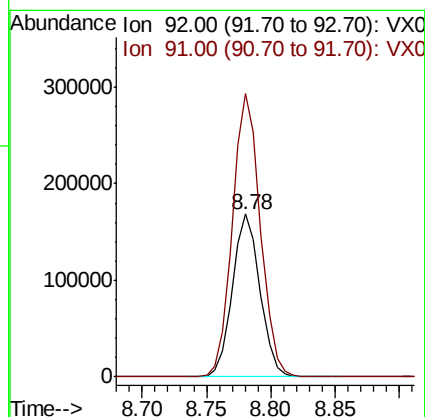
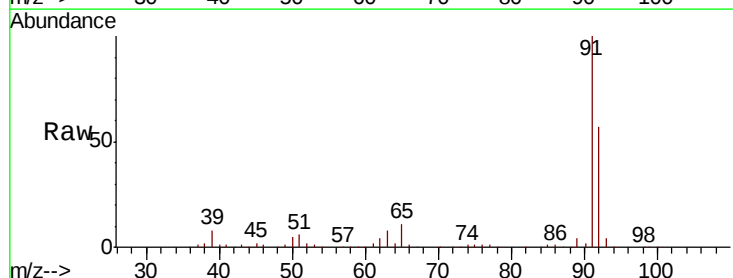
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

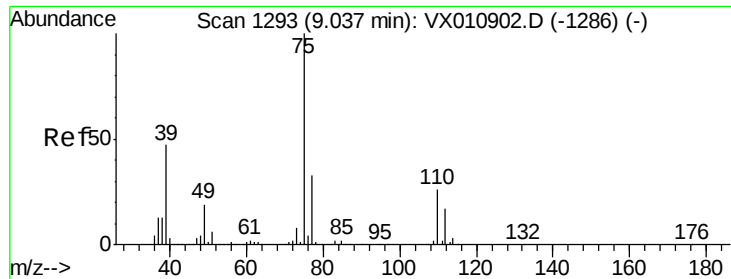
Tot Ion: 43 Resp: 698065
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.2 48.4



#52
 Toluene
 Concen: 54.303 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 92 Resp: 252282
 Ion Ratio Lower Upper
 92 100
 91 176.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 61.077 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

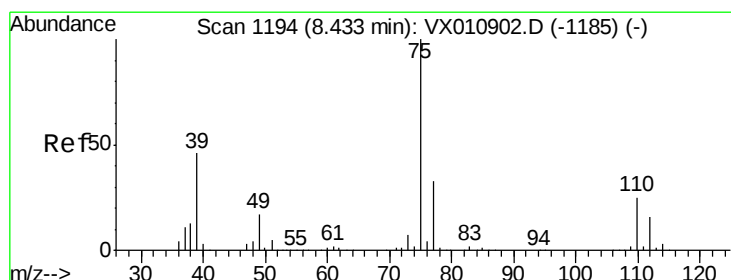
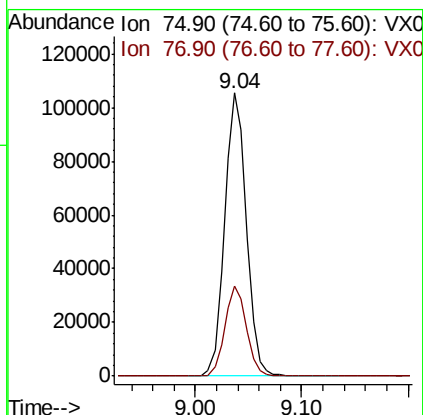
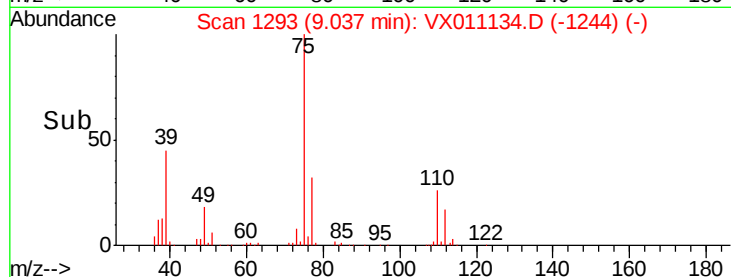
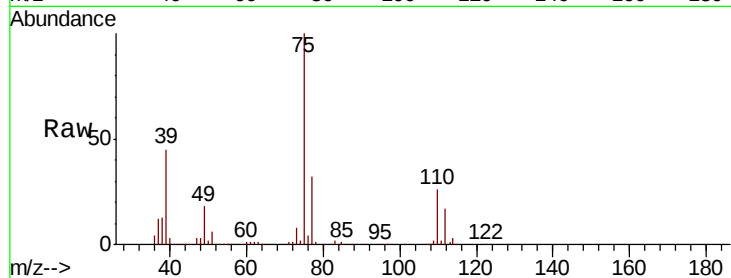
VSTDCCC050

Tot Ion: 75 Resp: 150361

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 58.772 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

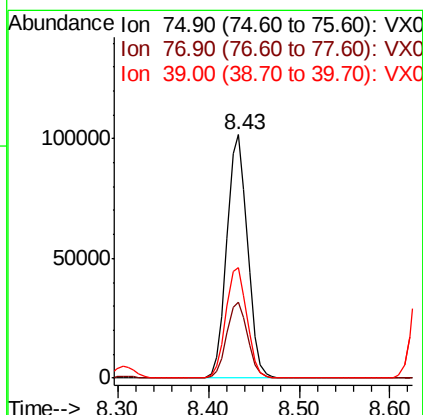
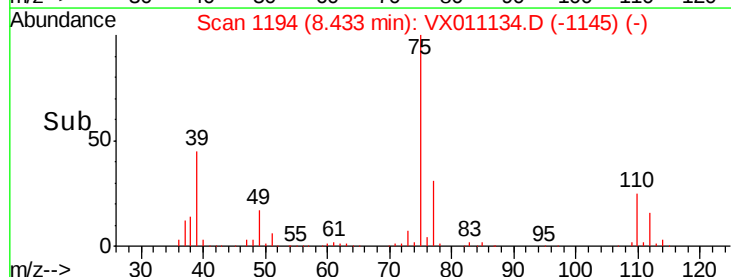
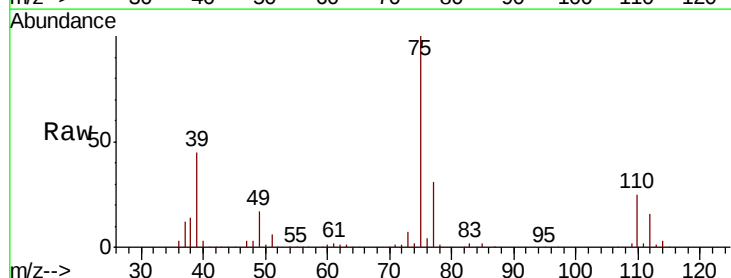
Tgt Ion: 75 Resp: 160996

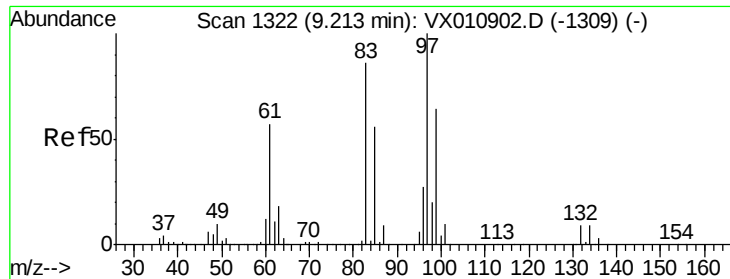
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 45.3 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 55.462 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 106093

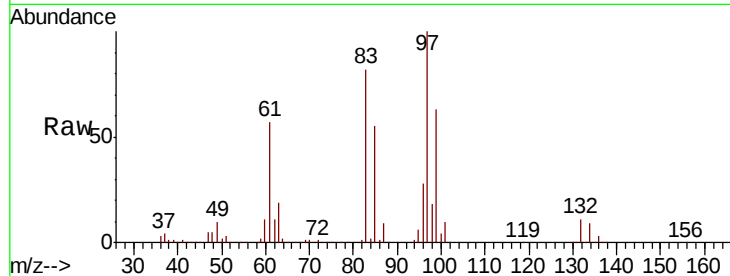
Ion Ratio Lower Upper

97 100

83 82.3 69.2 103.8

85 54.7 44.6 66.8

99 62.8 51.2 76.8

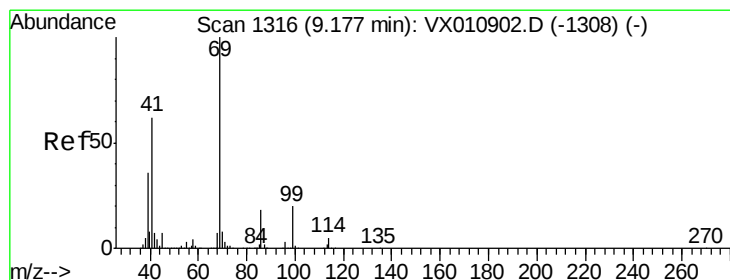
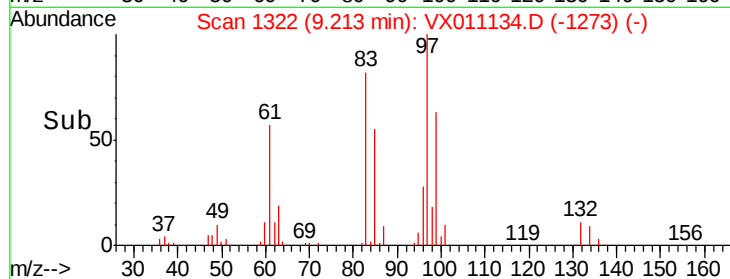
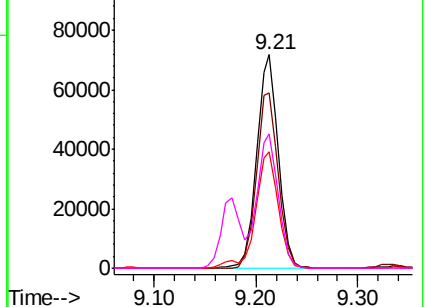


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.381 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

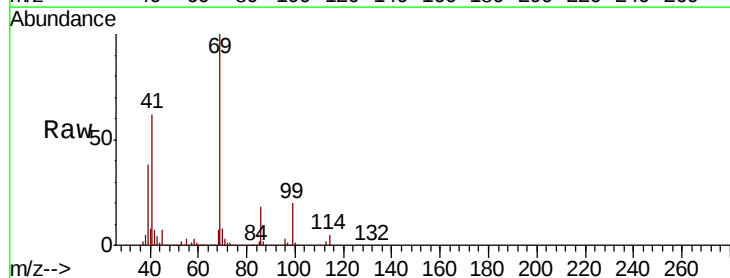
Tgt Ion: 69 Resp: 160558

Ion Ratio Lower Upper

69 100

41 63.8 49.7 74.5

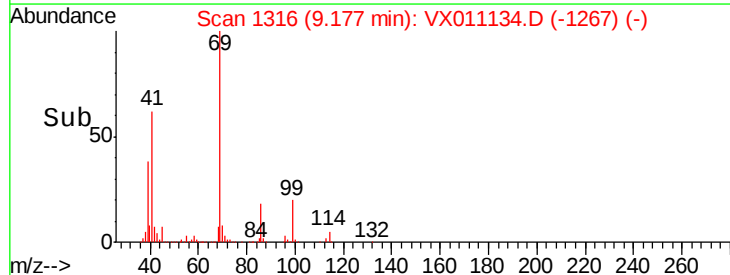
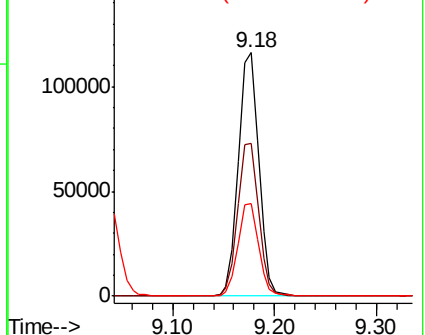
39 38.5 29.6 44.4

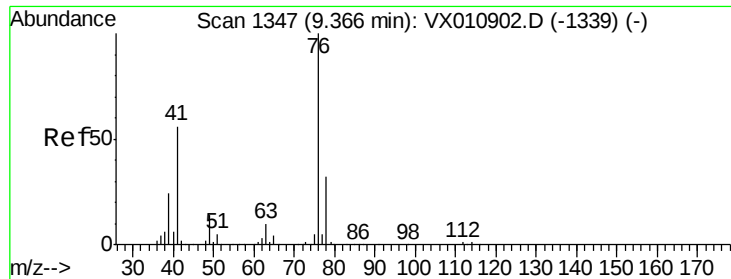


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.489 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

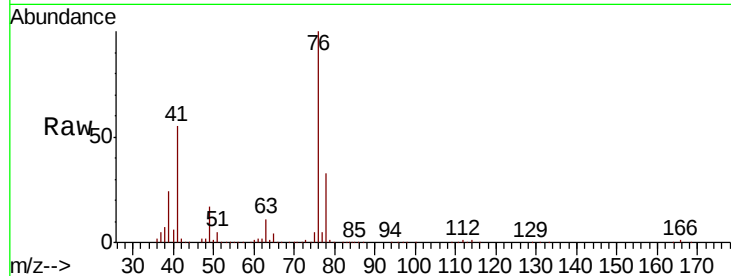
VSTDCCC050

Tot Ion: 76 Resp: 165348

Ion Ratio Lower Upper

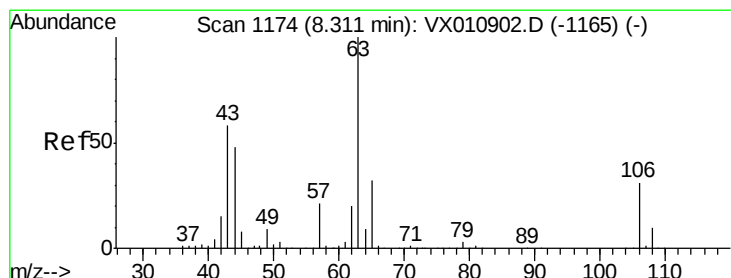
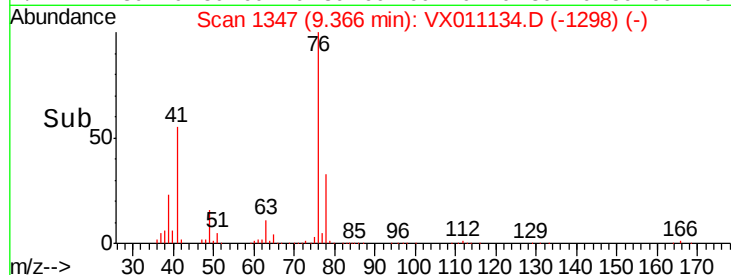
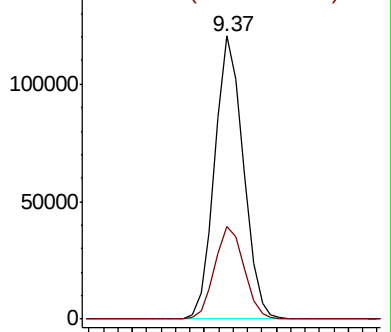
76 100

78 33.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 284.504 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011134.D

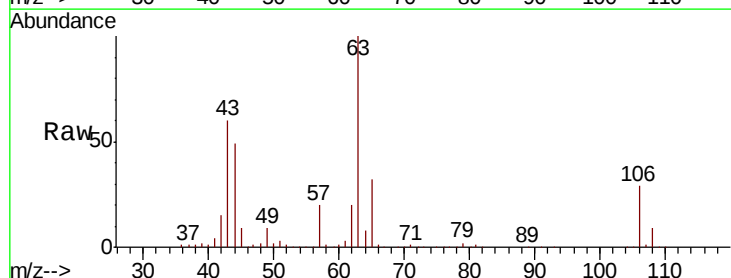
Acq: 29 Jul 2019 10:19

Tgt Ion: 63 Resp: 380013

Ion Ratio Lower Upper

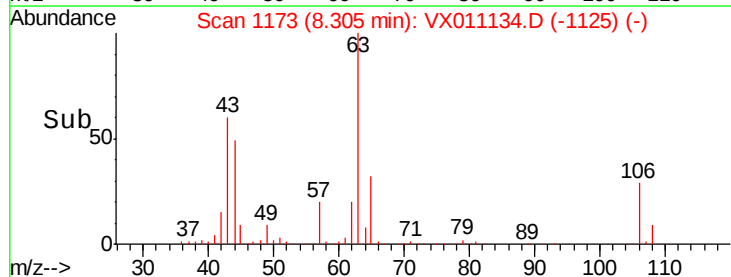
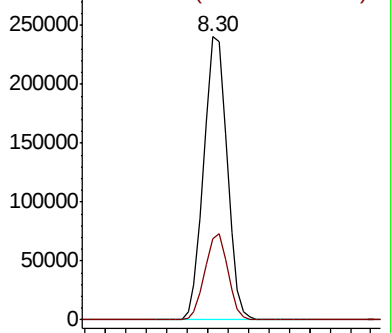
63 100

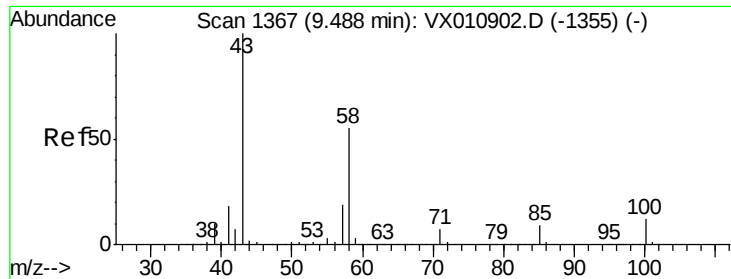
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

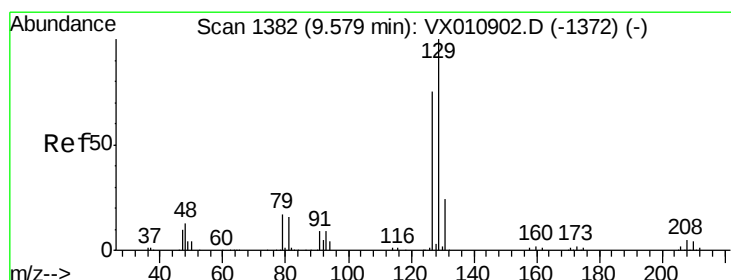
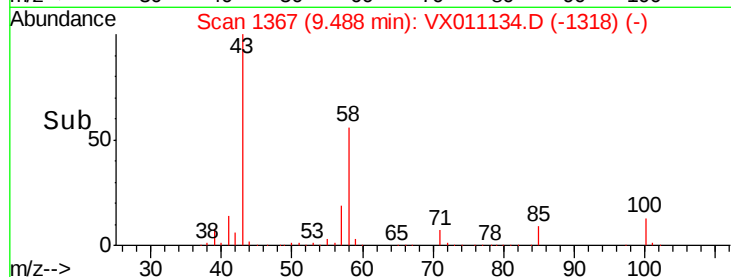
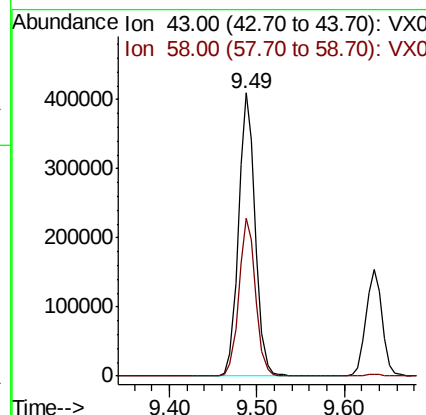
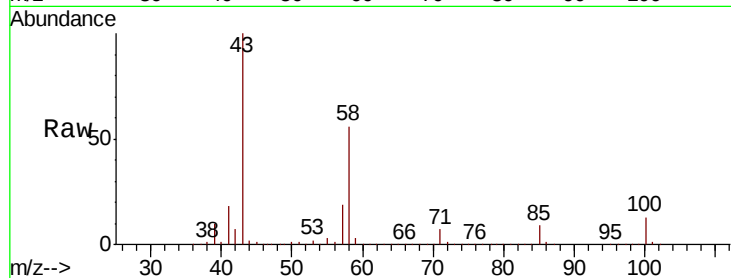




#59
2-Hexanone
Concen: 279.937 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

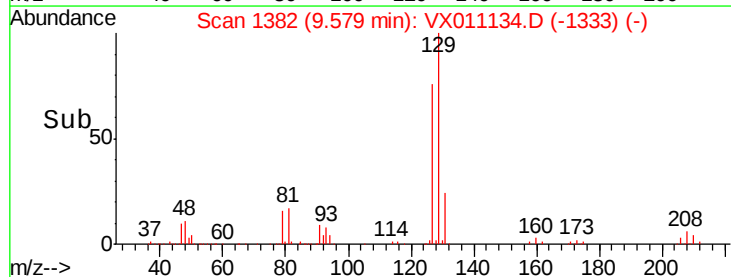
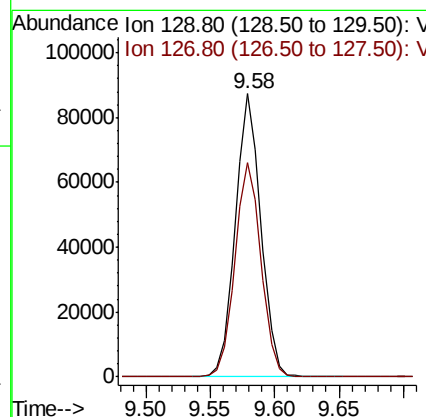
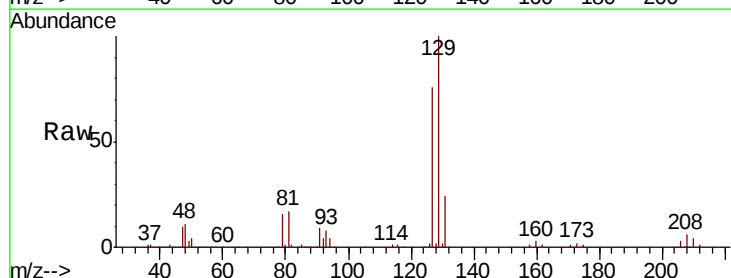
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 547112
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9



#60
Dibromochloromethane
Concen: 54.699 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:129 Resp: 120971
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

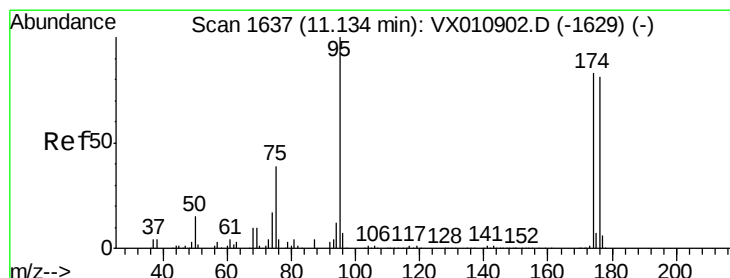
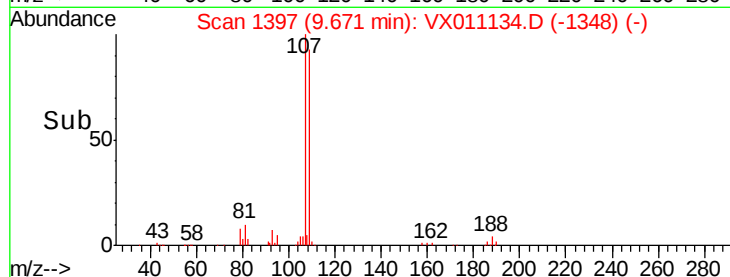
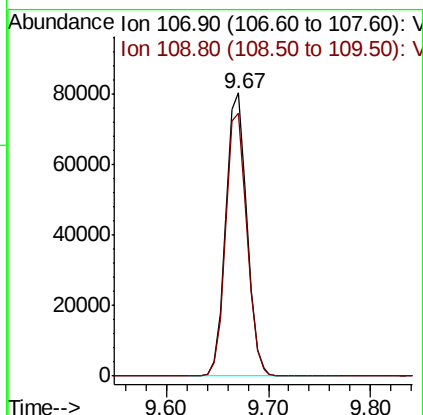
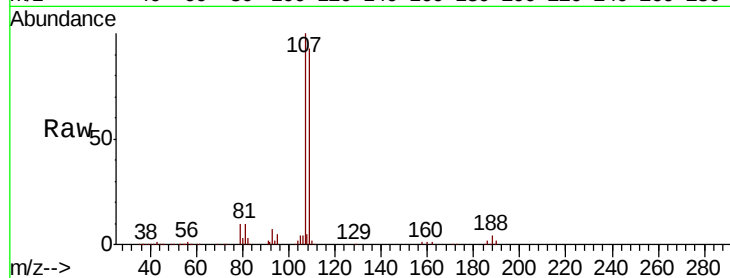




#61
 1,2-Dibromoethane
 Concen: 56.374 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

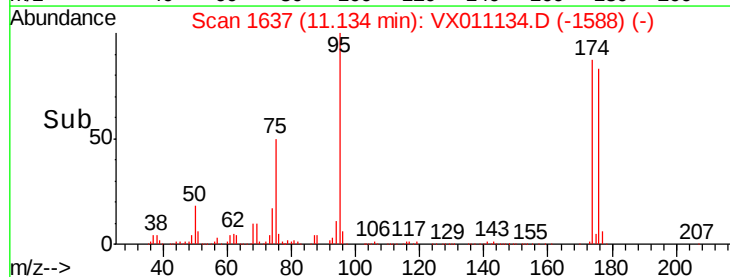
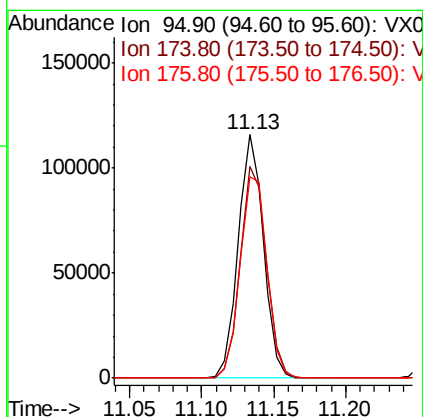
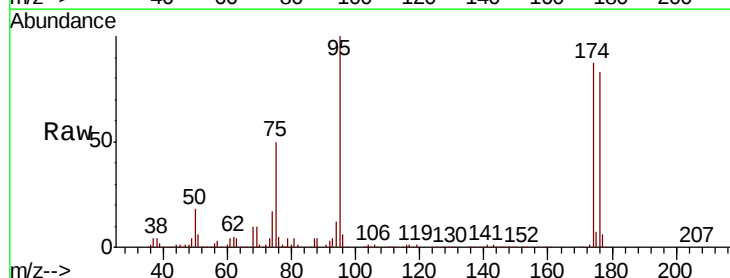
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

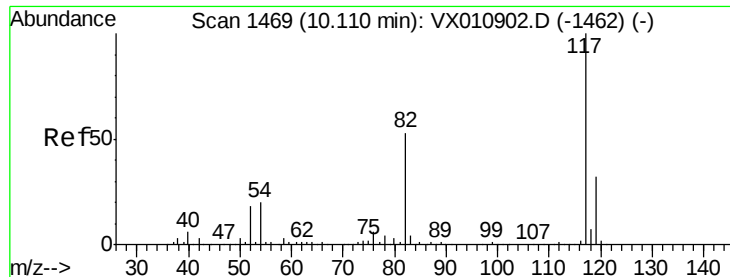
Tot Ion:107 Resp: 114443
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 57.569 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 95 Resp: 141587
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 180.6
 176 88.1 0.0 173.8

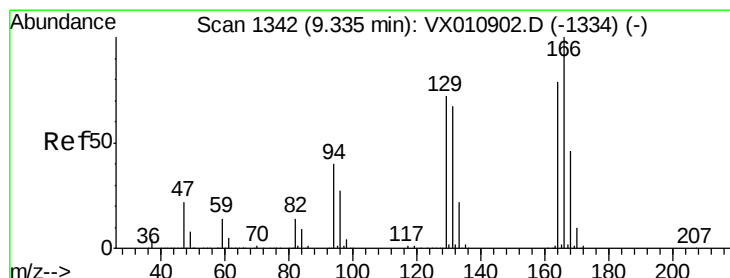
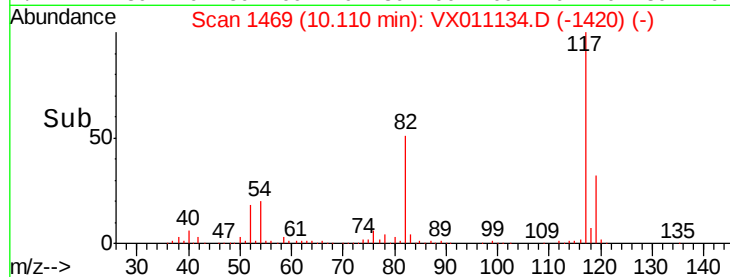
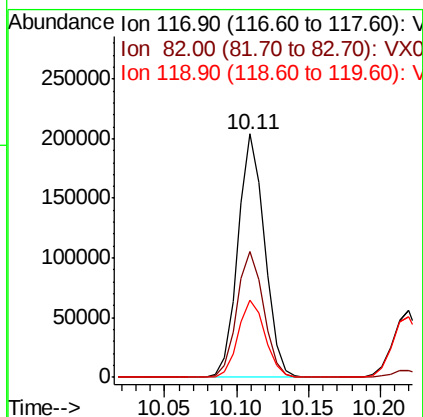
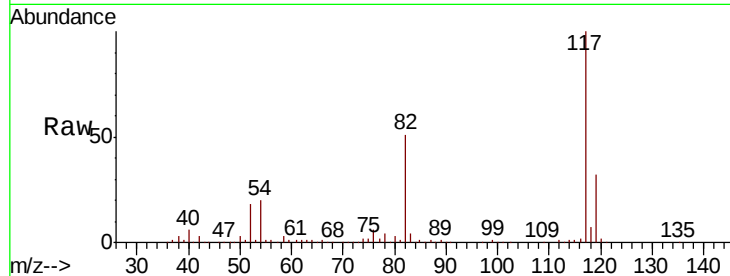




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

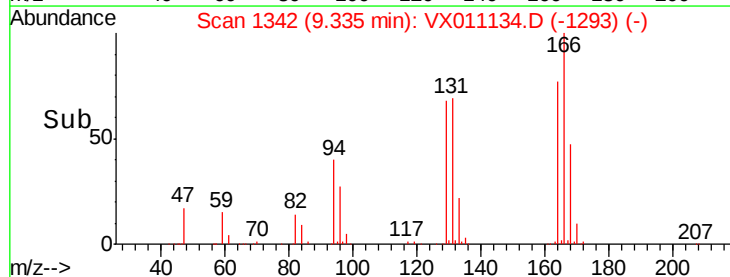
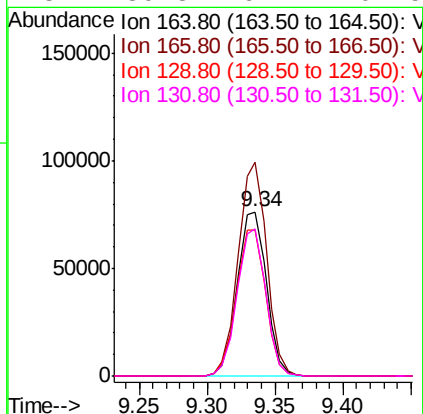
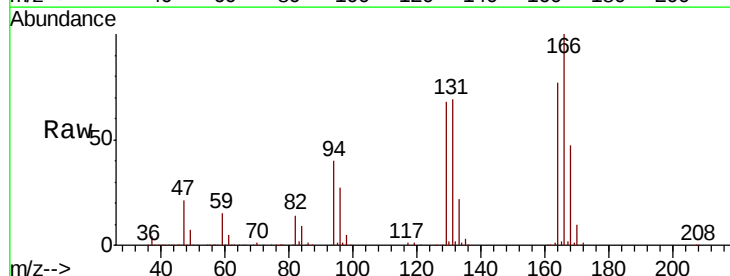
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

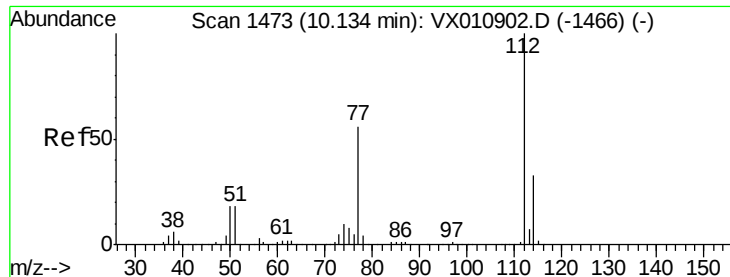
Tot Ion:117 Resp: 262680
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 55.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:164 Resp: 114005
Ion Ratio Lower Upper
164 100
166 129.9 100.8 151.2
129 88.6 72.6 109.0
131 89.8 67.7 101.5

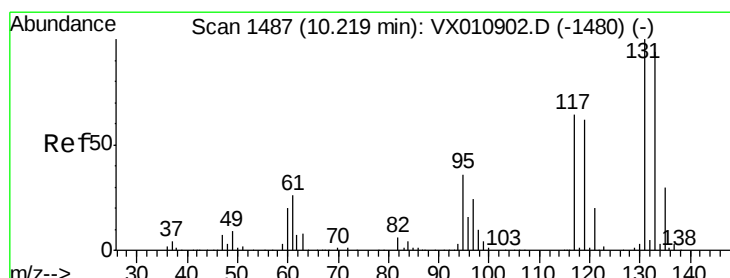
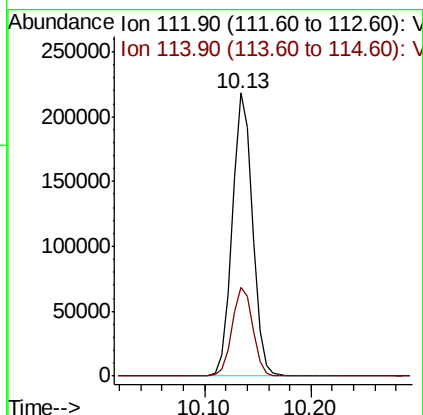
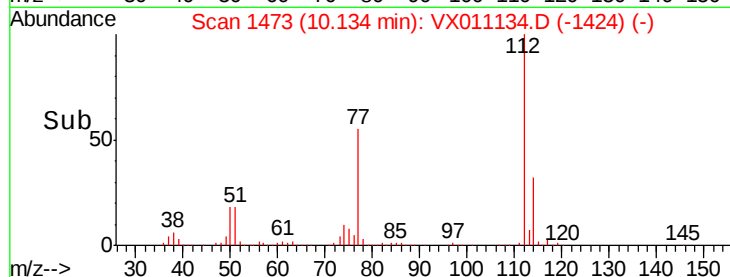
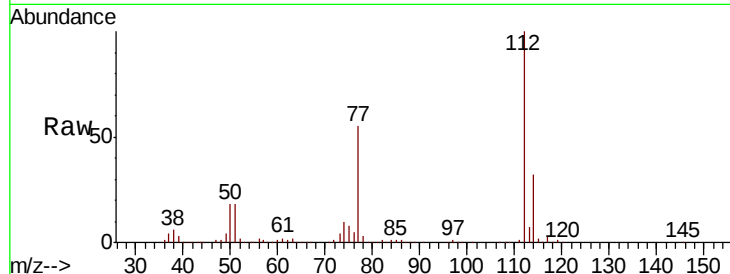




#65
Chlorobenzene
Concen: 54.097 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

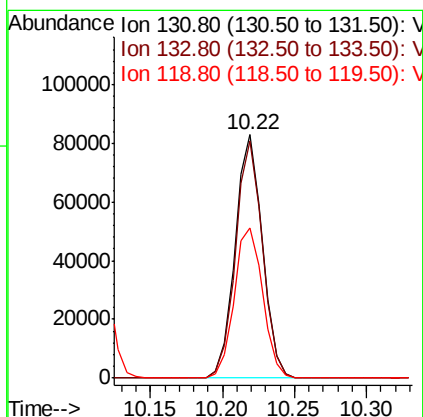
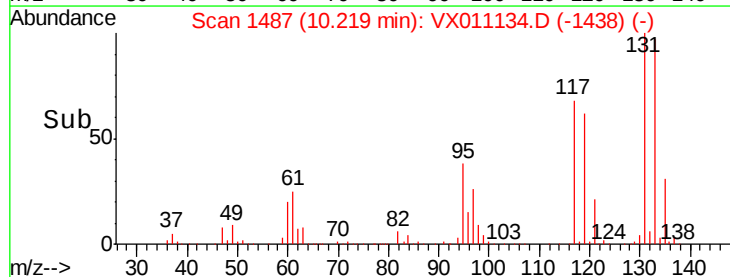
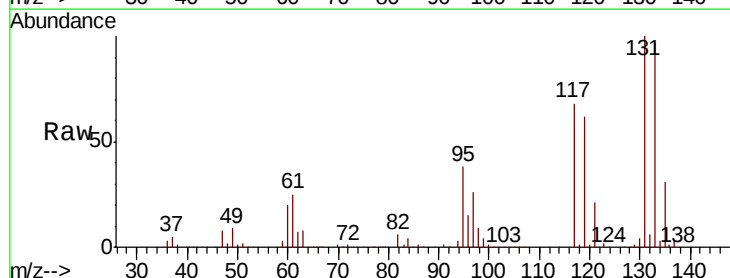
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

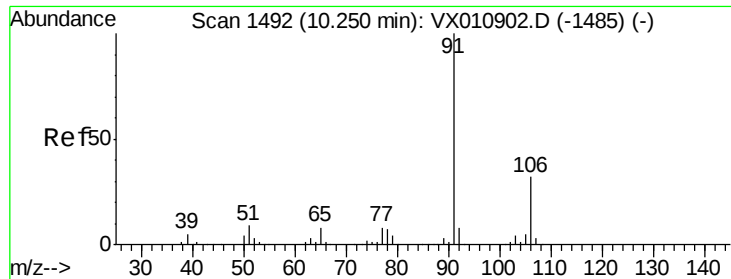
Tot Ion:112 Resp: 291867
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.851 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:131 Resp: 109696
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.4 31.9 95.7





#67

Ethyl Benzene

Concen: 55.032 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

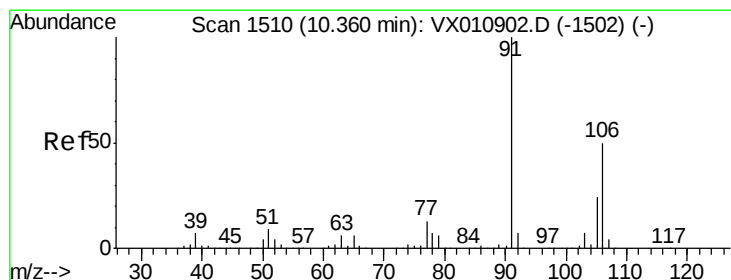
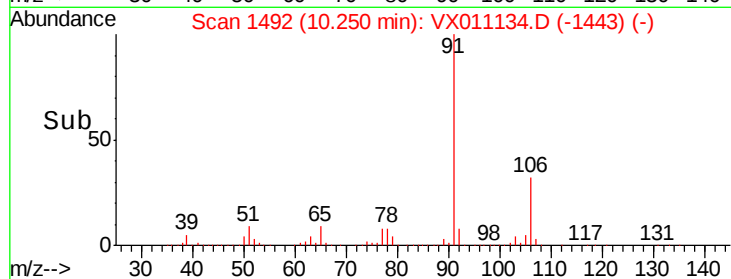
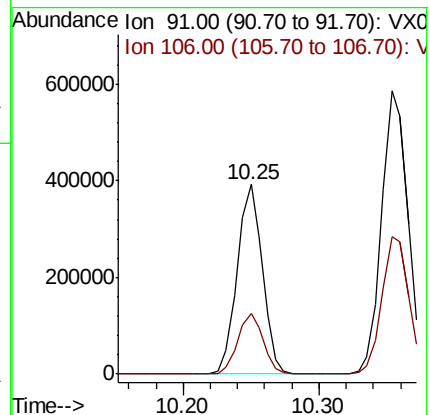
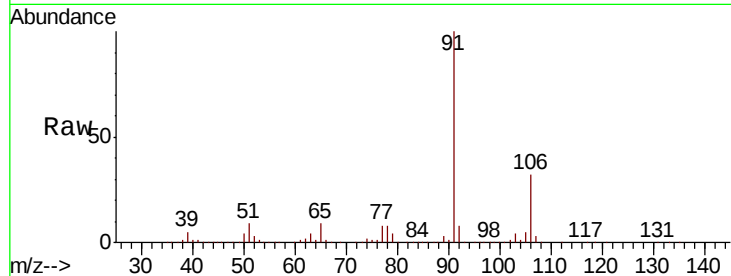
VSTDCCC050

Tot Ion: 91 Resp: 505376

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.2



#68

m/p-Xylenes

Concen: 110.781 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011134.D

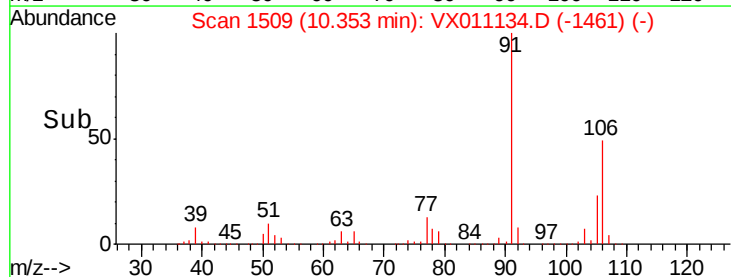
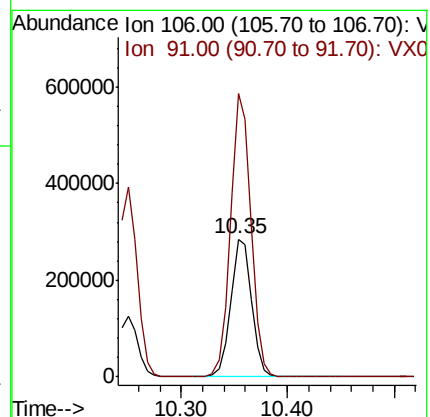
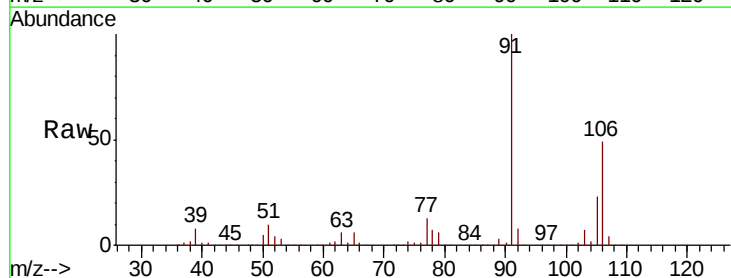
Acq: 29 Jul 2019 10:19

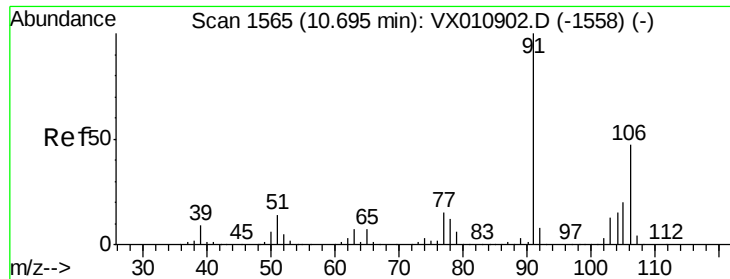
Tgt Ion: 106 Resp: 390244

Ion Ratio Lower Upper

106 100

91 201.2 160.1 240.1

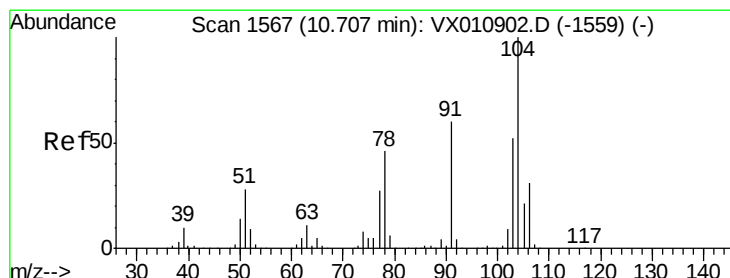
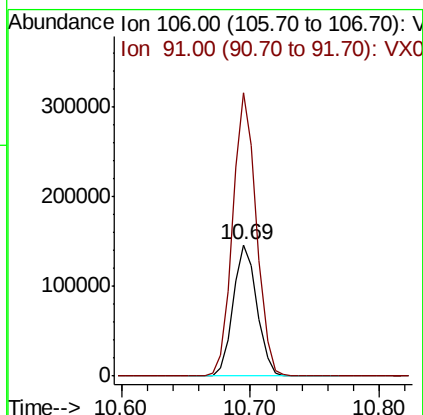
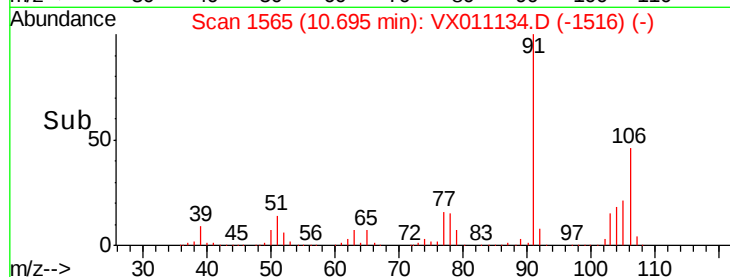
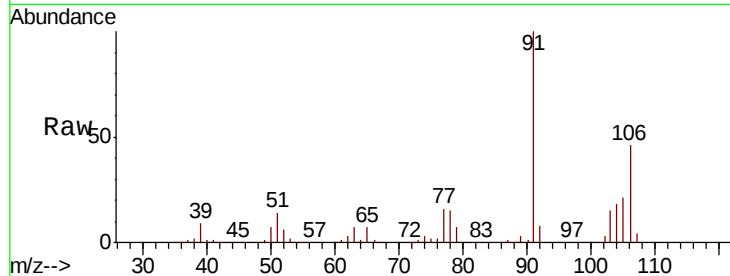




#69
o-Xylene
Concen: 55.033 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

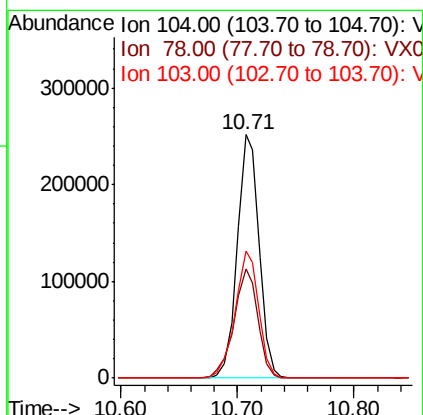
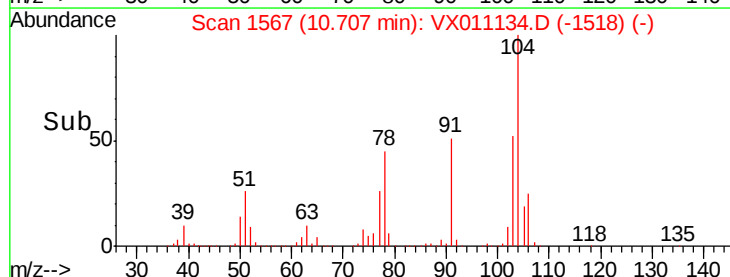
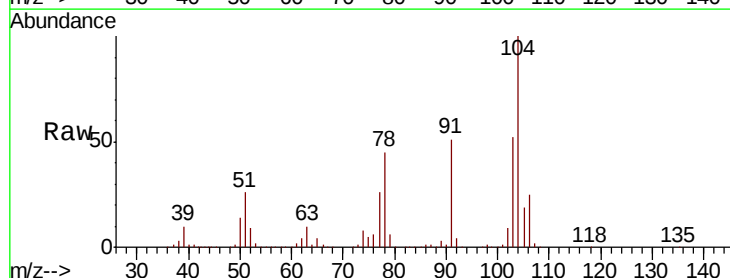
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

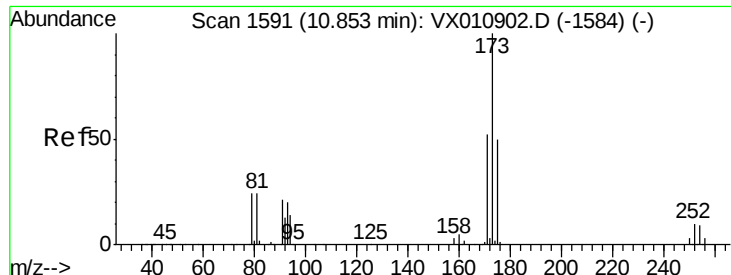
Tot Ion:106 Resp: 189200
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.3



#70
Styrene
Concen: 57.430 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:104 Resp: 329133
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 56.1 44.2 66.4





#71

Bromoform

Concen: 53.770 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

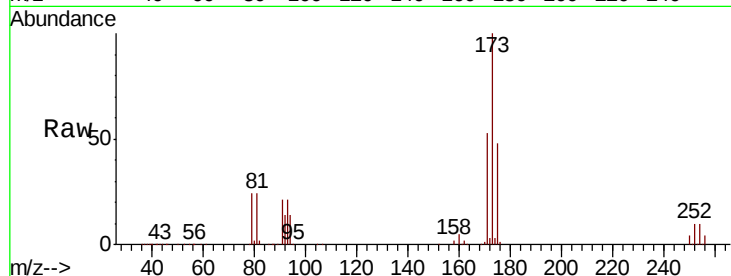
Tot Ion:173 Resp: 93184

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.6

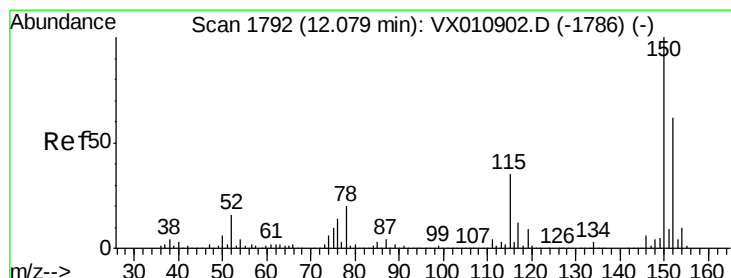
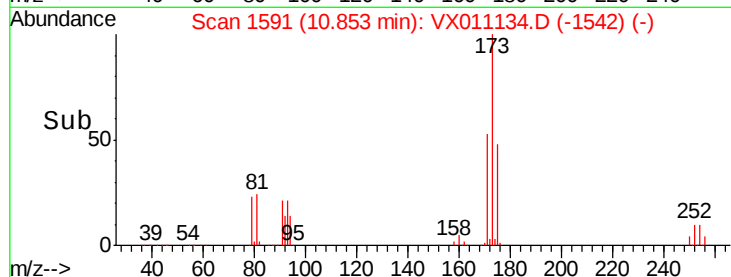
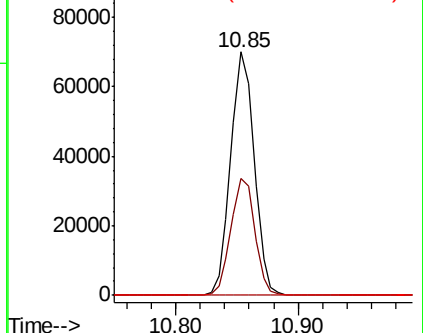
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

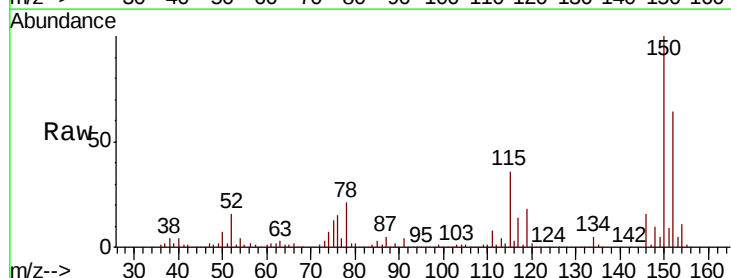
Tgt Ion:152 Resp: 146261

Ion Ratio Lower Upper

152 100

115 83.2 39.7 119.1

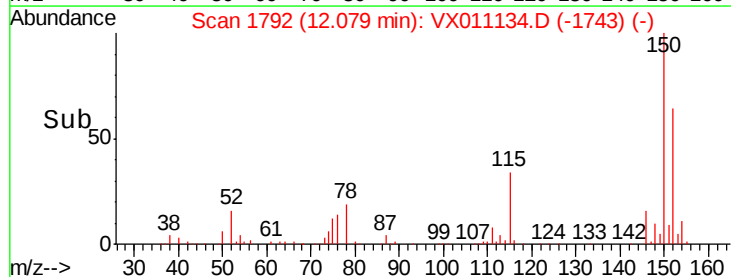
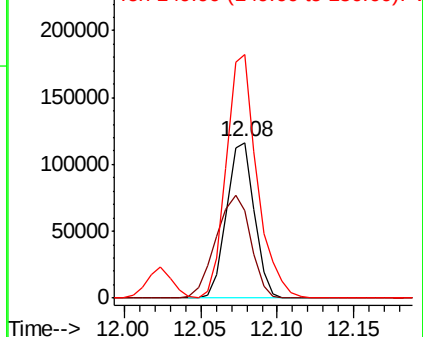
150 173.2 0.0 345.6

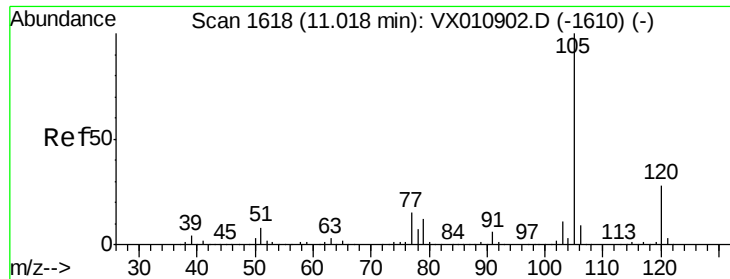


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.186 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

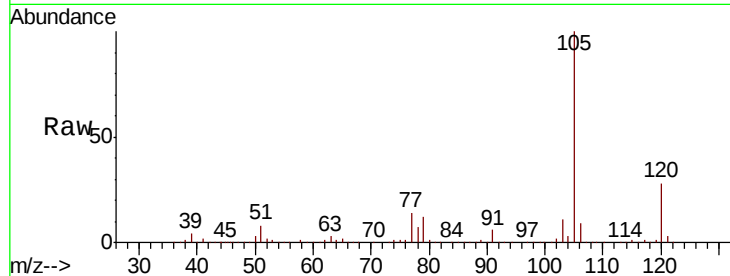
VSTDCCC050

Tot Ion:105 Resp: 525628

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

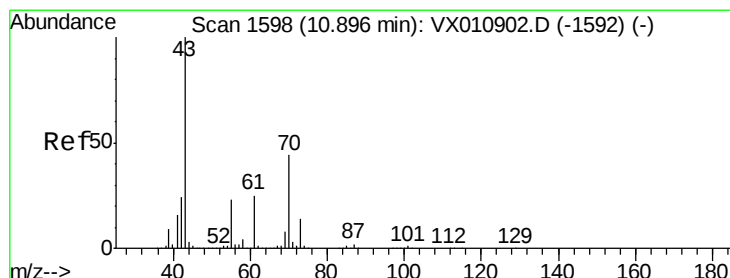
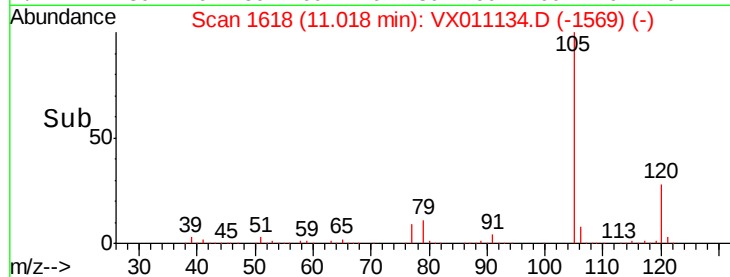
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.872 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Tgt Ion: 43 Resp: 195877

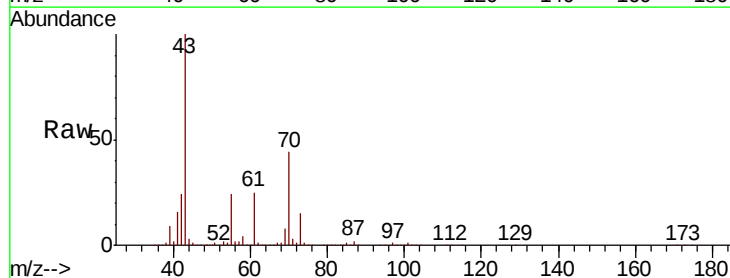
Ion Ratio Lower Upper

43 100

70 44.3 34.7 52.1

55 24.4 19.1 28.7

61 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

250000

200000

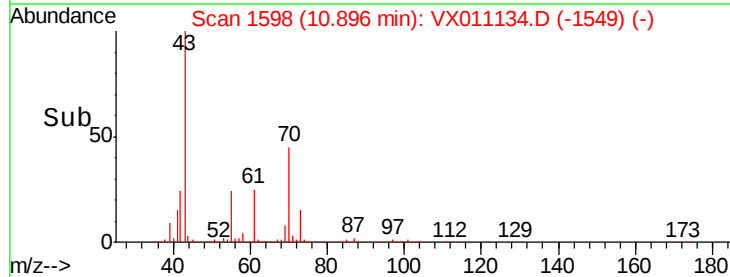
150000

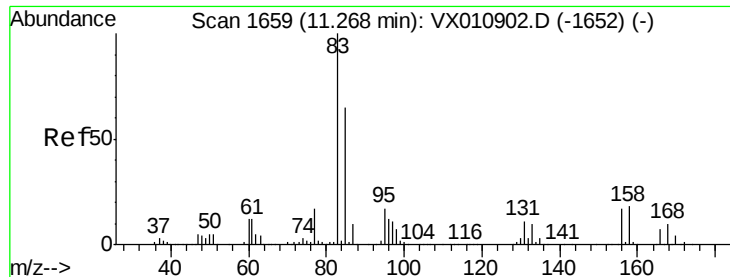
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.643 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

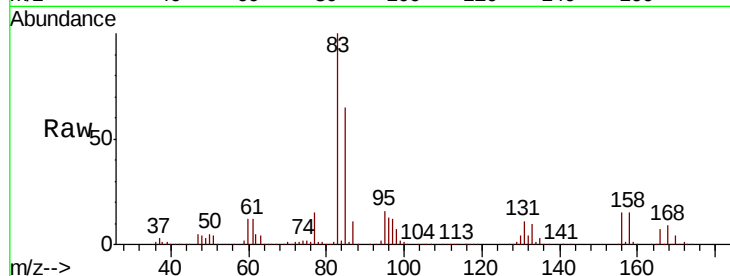
Tot Ion: 83 Resp: 167024

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

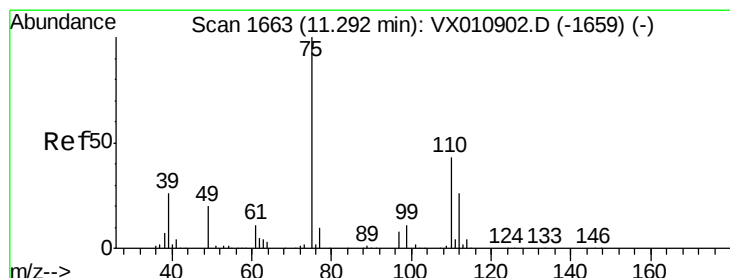
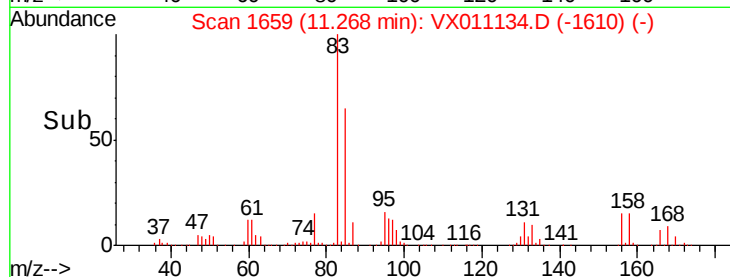
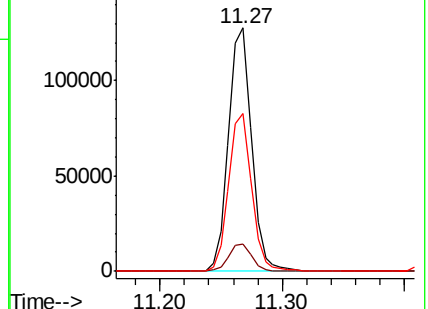
85 64.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.003 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011134.D

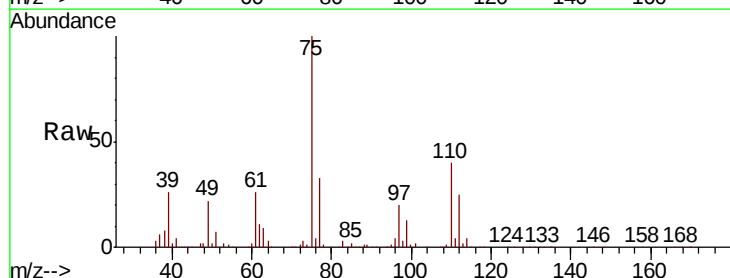
Acq: 29 Jul 2019 10:19

Tgt Ion: 75 Resp: 187402

Ion Ratio Lower Upper

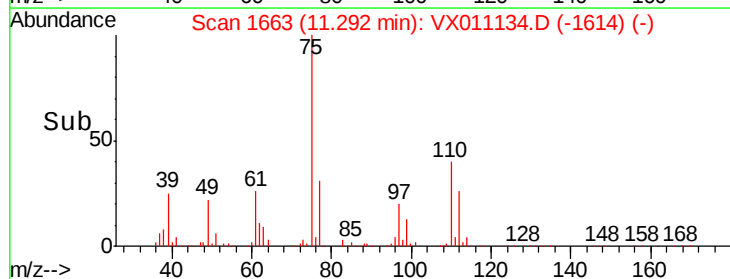
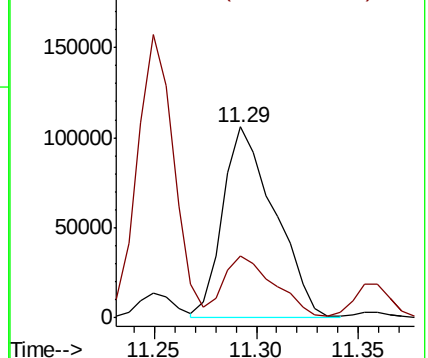
75 100

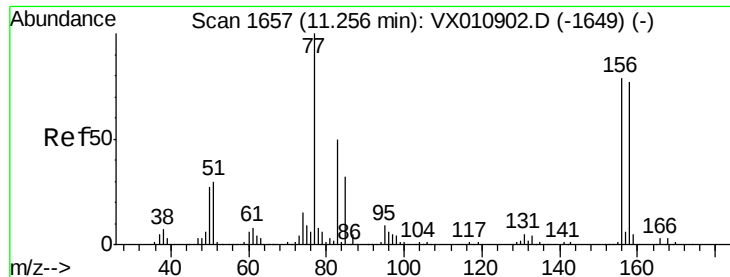
77 32.0 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.096 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

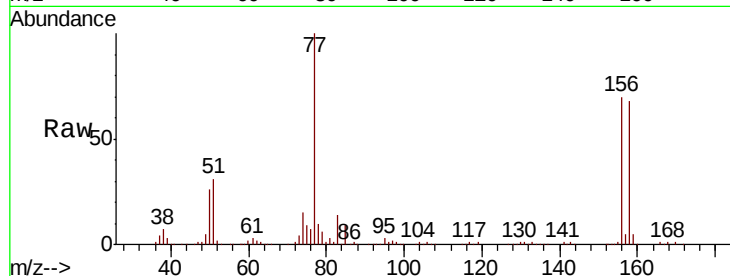
Tot Ion:156 Resp: 142016

Ion Ratio Lower Upper

156 100

77 137.5 68.7 206.1

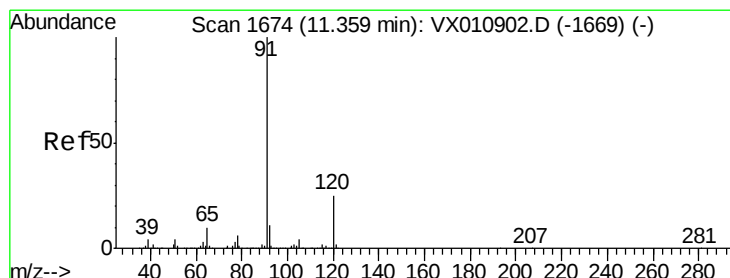
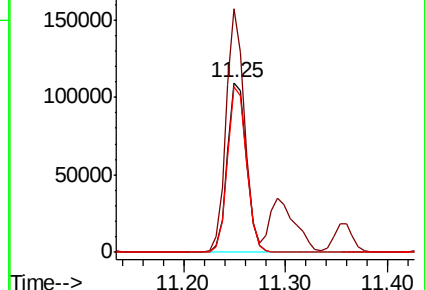
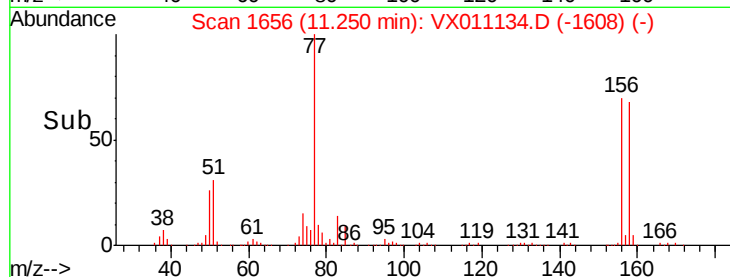
158 96.7 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.625 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011134.D

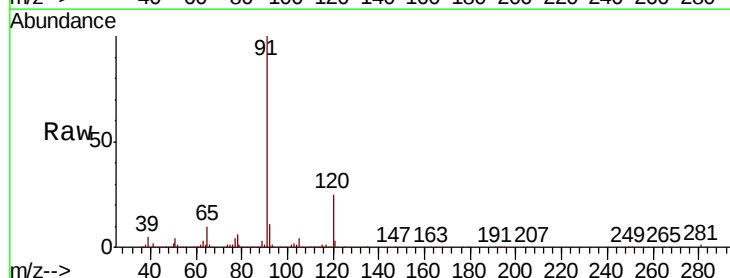
Acq: 29 Jul 2019 10:19

Tgt Ion: 91 Resp: 596488

Ion Ratio Lower Upper

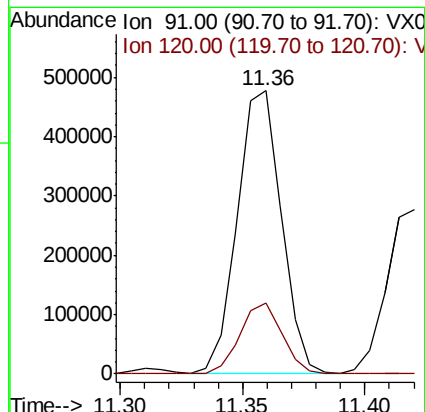
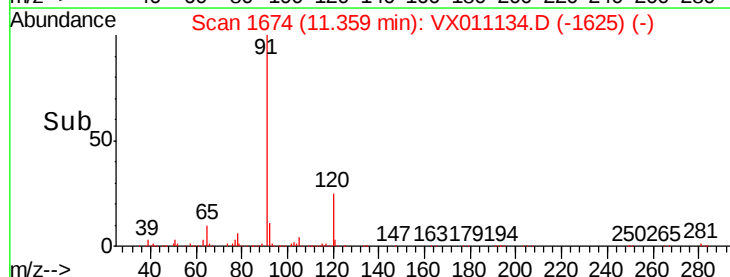
91 100

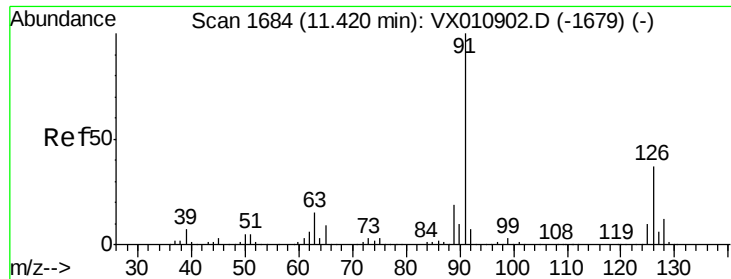
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

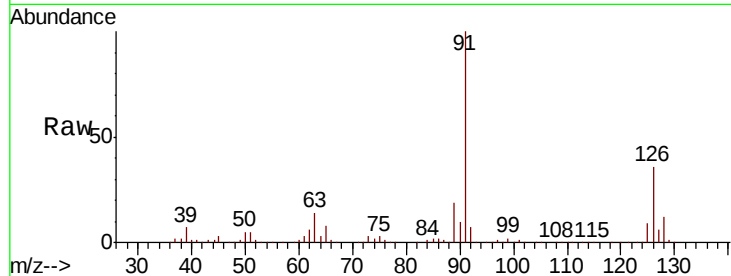




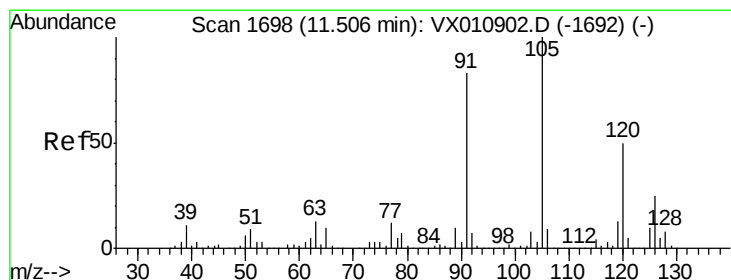
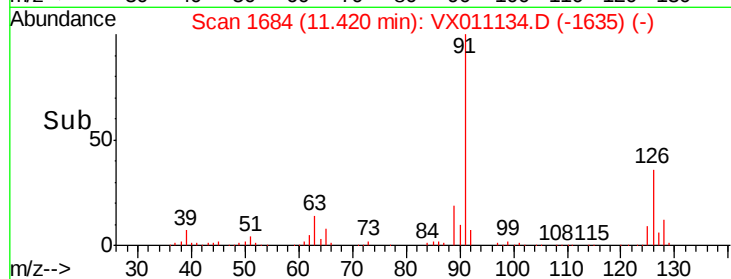
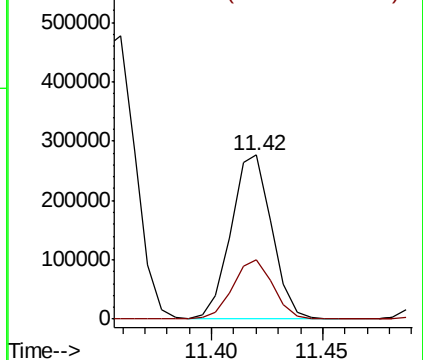
#79
 2-Chlorotoluene
 Concen: 53.566 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 351377
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.0 54.0

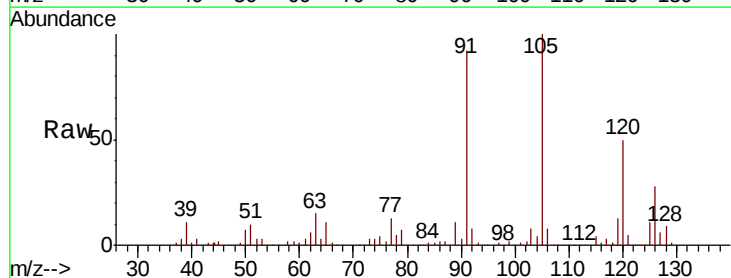


Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

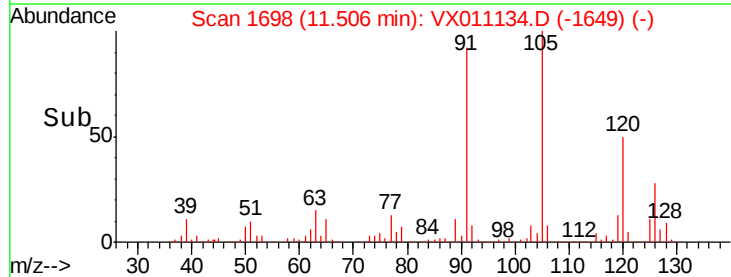
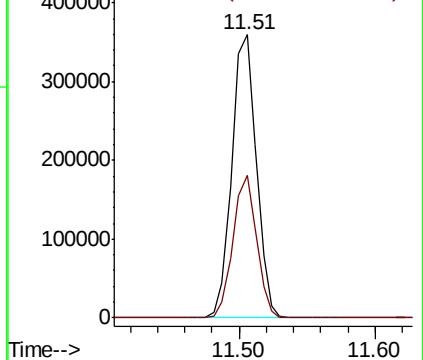


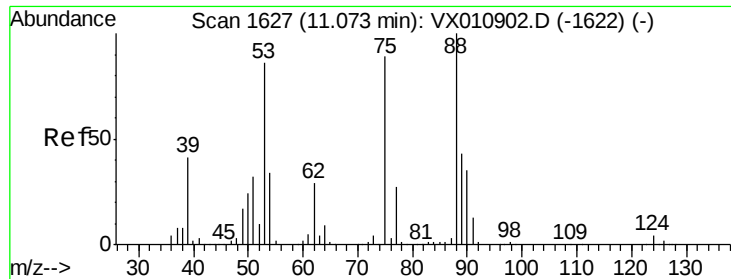
#80
 1,3,5-Trimethylbenzene
 Concen: 54.404 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 105 Resp: 449276
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

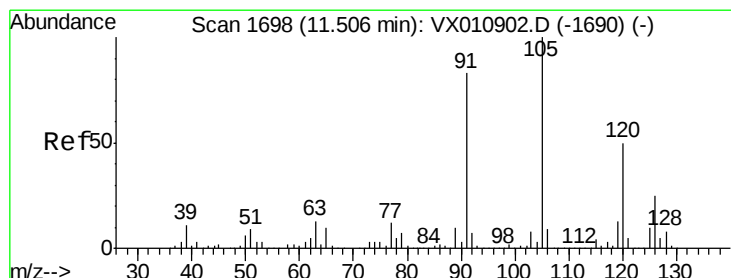
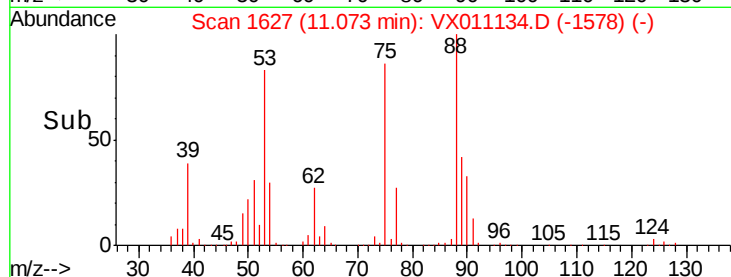
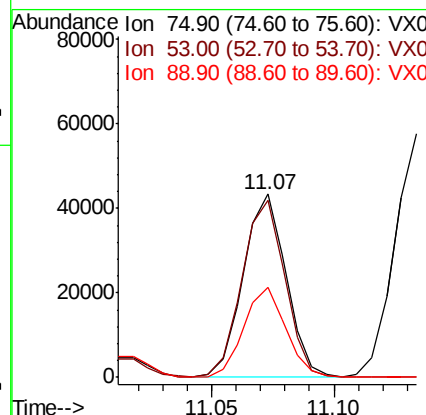
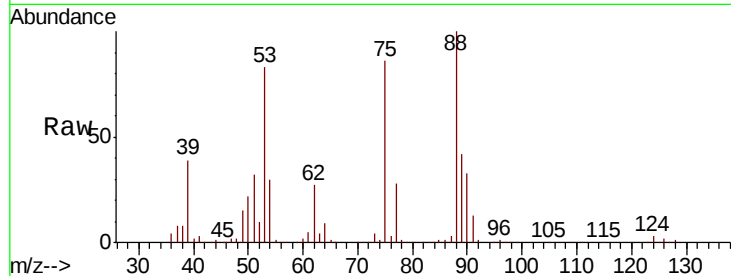




#81
trans-1,4-Dichloro-2-butene
Concen: 50.348 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

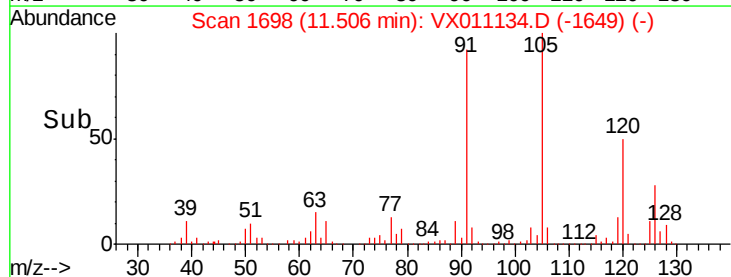
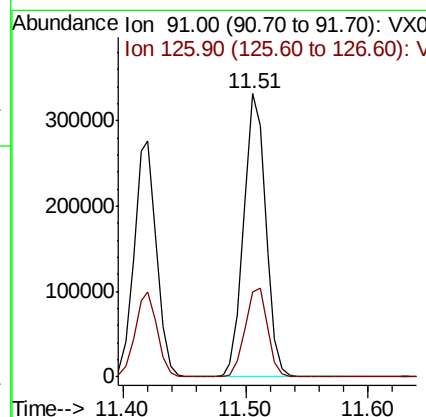
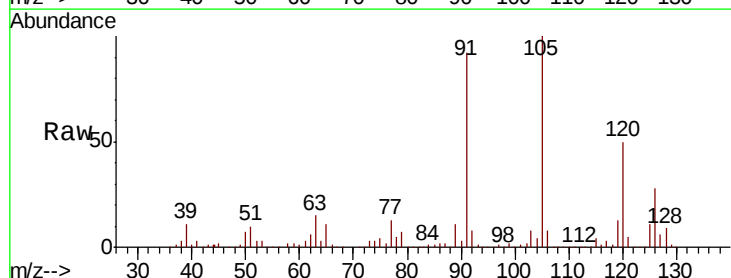
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

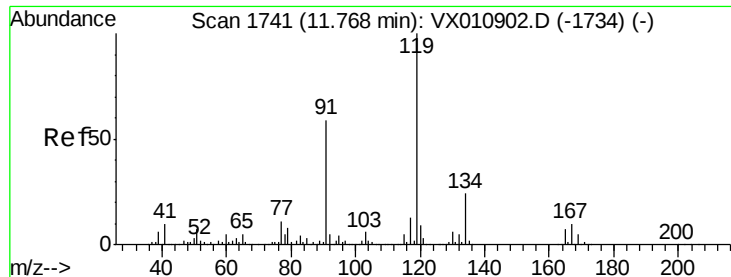
Tot Ion: 75 Resp: 52482
Ion Ratio Lower Upper
75 100
53 97.3 76.7 115.1
89 48.9 38.5 57.7



#82
4-Chlorotoluene
Concen: 53.841 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion: 91 Resp: 411067
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7

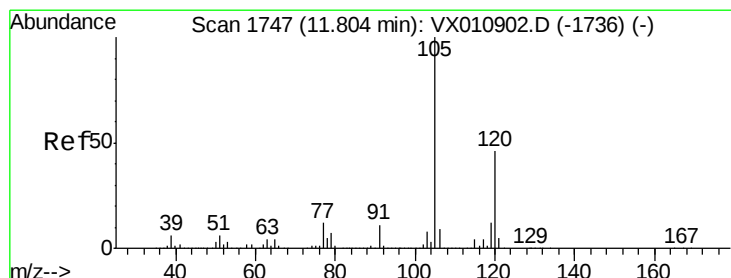
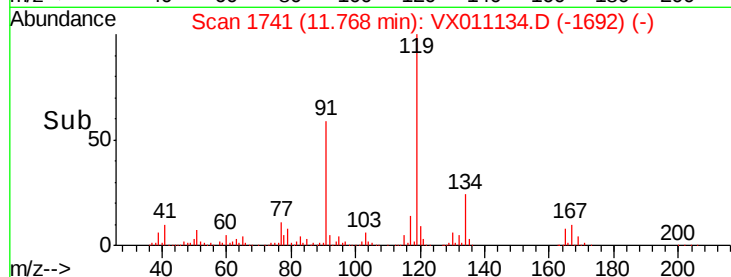
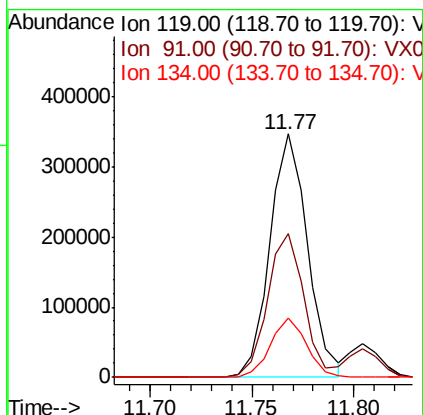
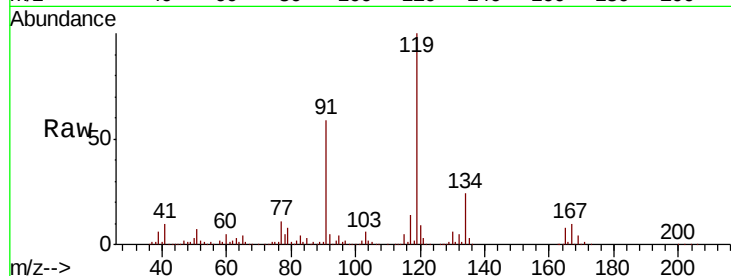




#83
tert-Butylbenzene
Concen: 55.056 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

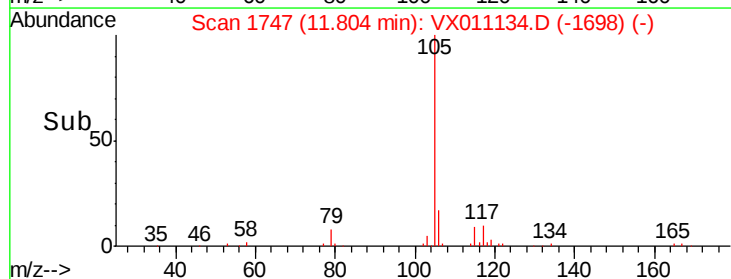
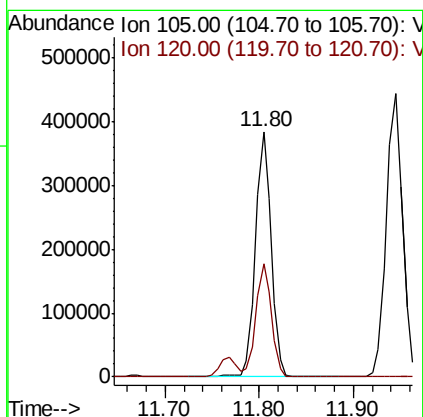
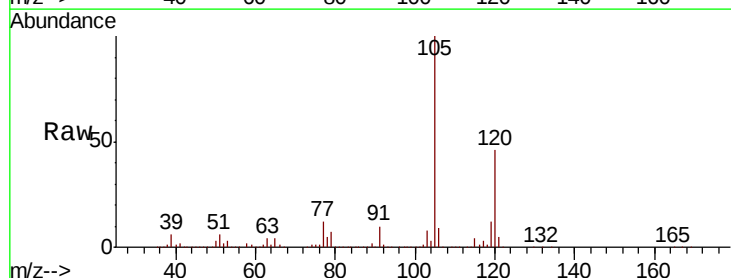
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

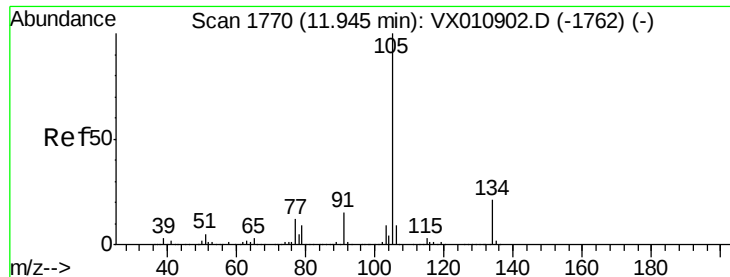
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.6	85.8
134	23.2	11.6	34.8



#84
1,2,4-Trimethylbenzene
Concen: 54.846 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5

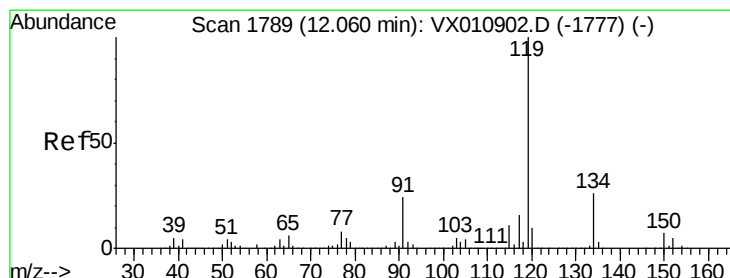
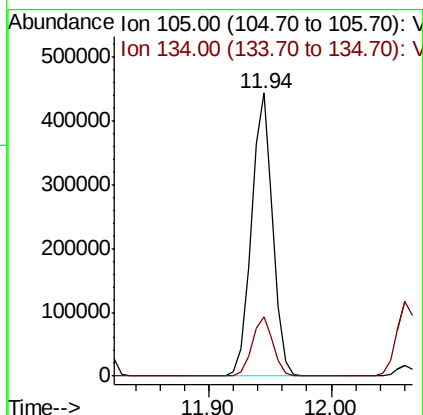
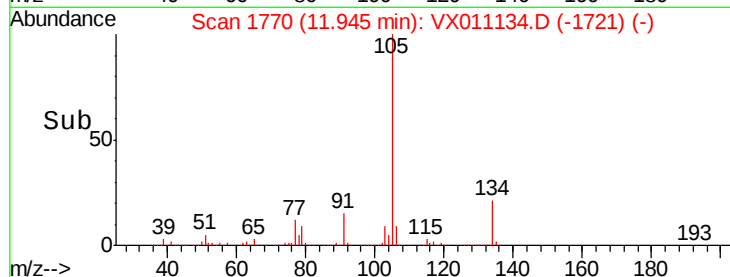
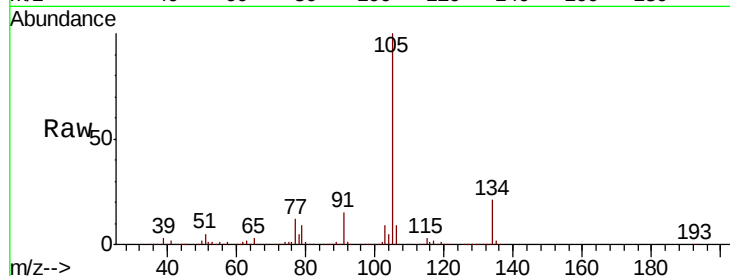




#85
 sec-Butylbenzene
 Concen: 56.066 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

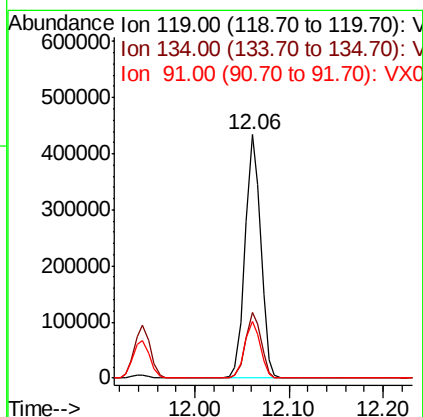
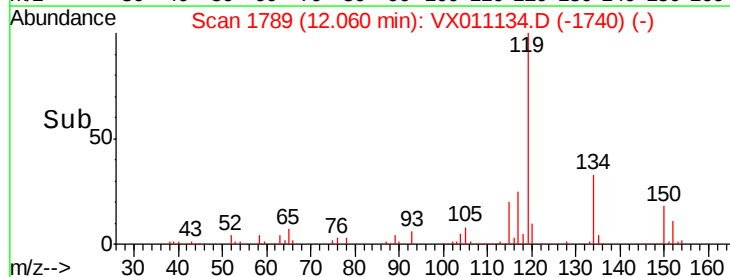
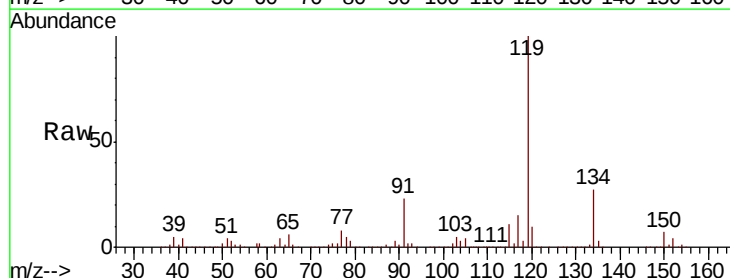
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

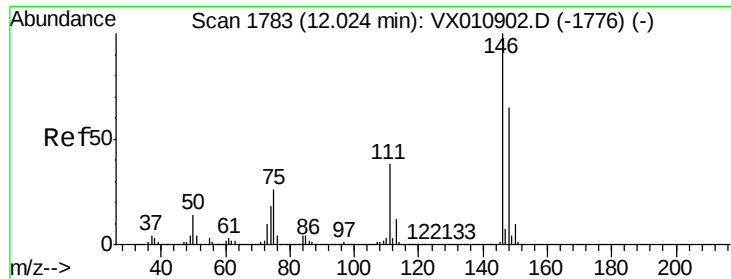
Tot Ion:105 Resp: 532883
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 57.017 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion:119 Resp: 501005
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 54.596 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

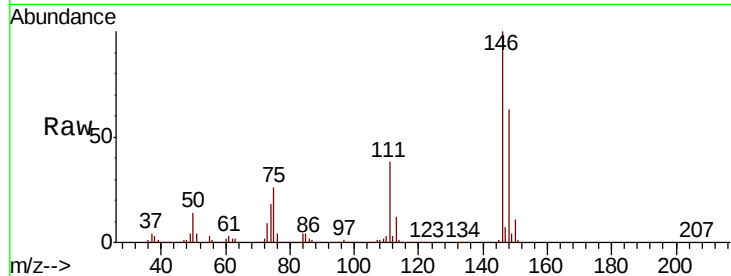
Tot Ion:146 Resp: 258282

Ion Ratio Lower Upper

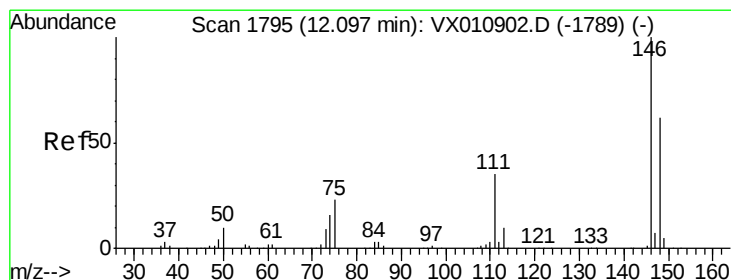
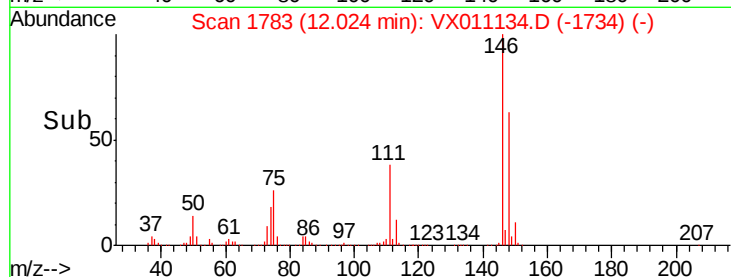
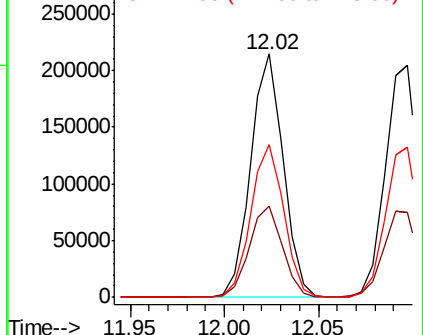
146 100

111 38.0 18.9 56.9

148 63.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 53.262 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

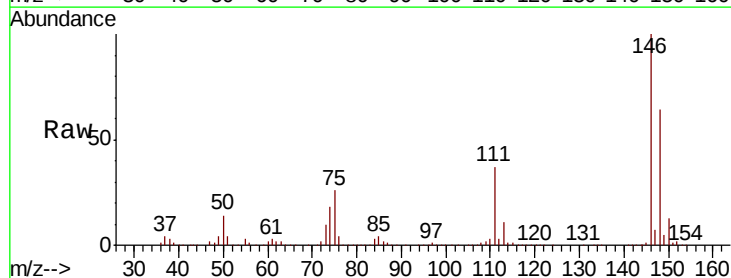
Tgt Ion:146 Resp: 258423

Ion Ratio Lower Upper

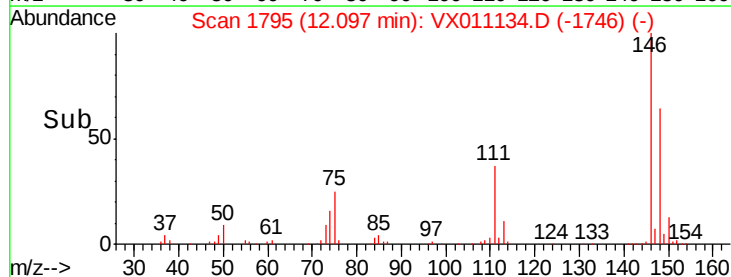
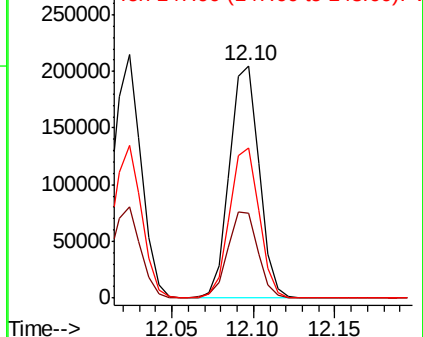
146 100

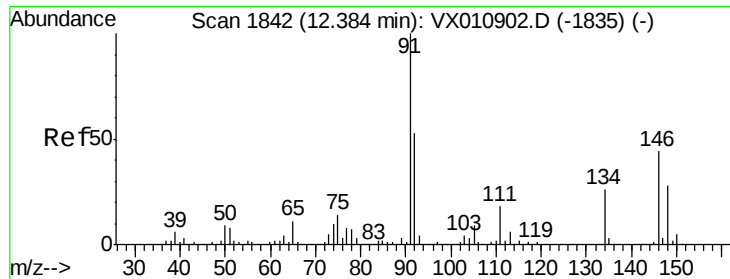
111 37.9 18.6 55.8

148 64.6 31.6 94.7



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: 58.554 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011134.D

Acq: 29 Jul 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

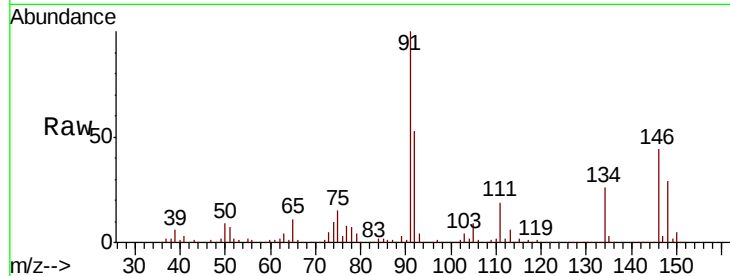
Tot Ion: 91 Resp: 440175

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

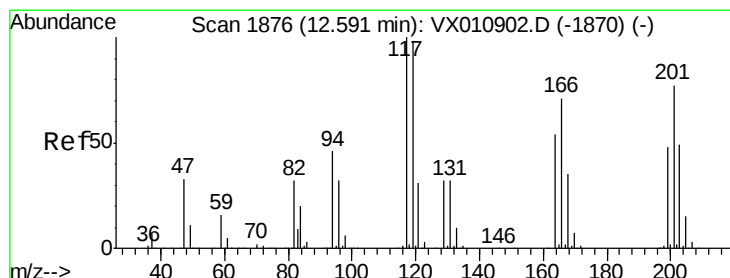
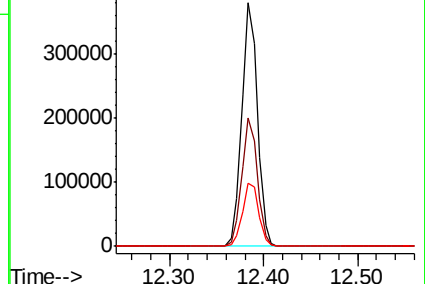
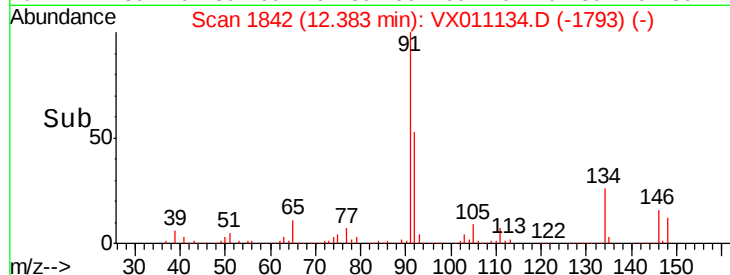
134 27.2 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 58.094 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011134.D

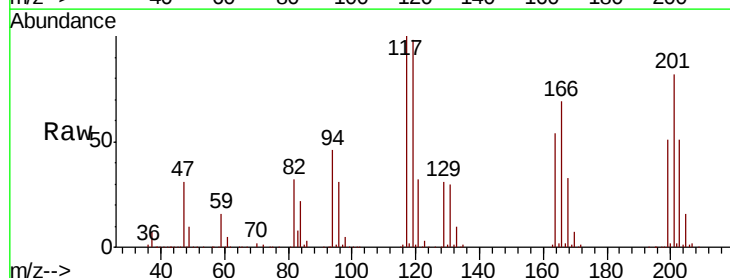
Acq: 29 Jul 2019 10:19

Tgt Ion: 117 Resp: 80515

Ion Ratio Lower Upper

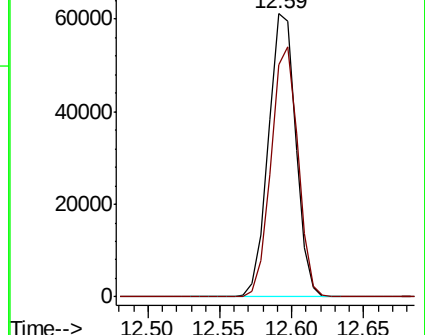
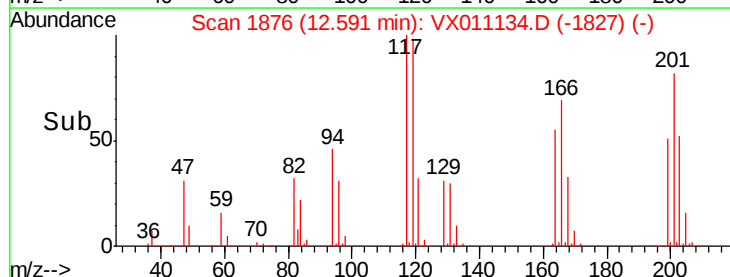
117 100

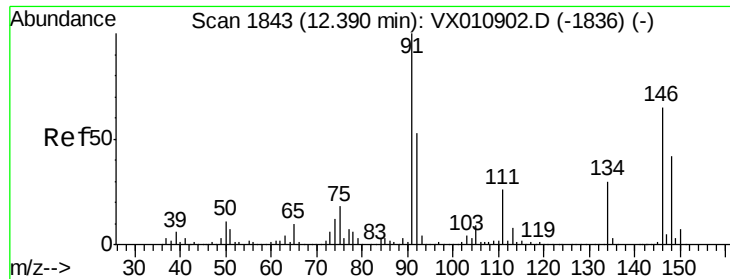
201 86.9 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

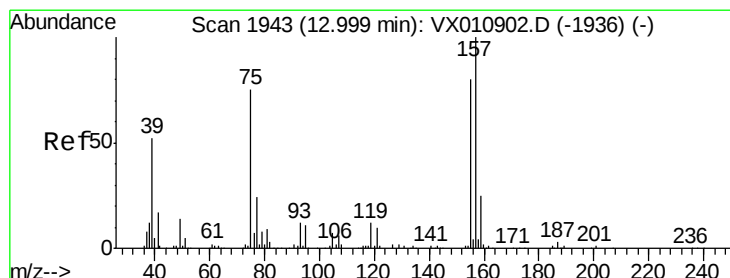
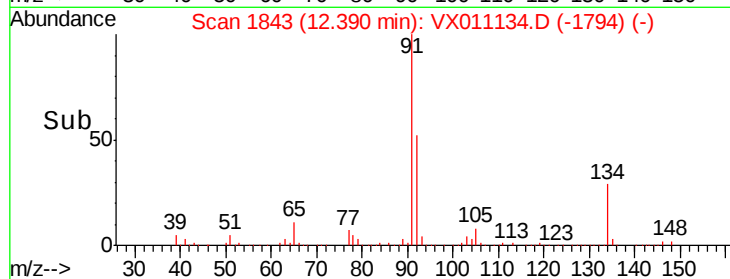
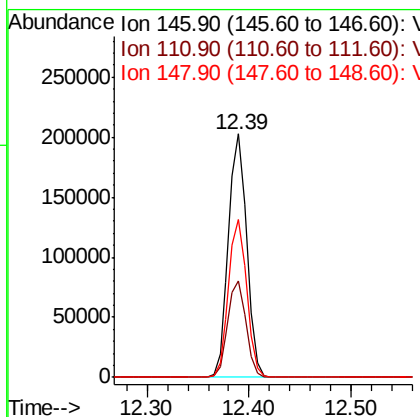
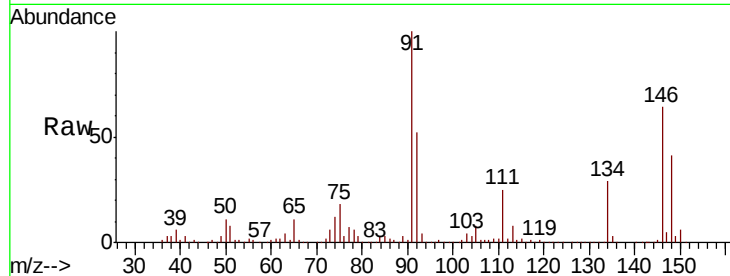




#91
 1,2-Dichlorobenzene
 Concen: 53.514 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

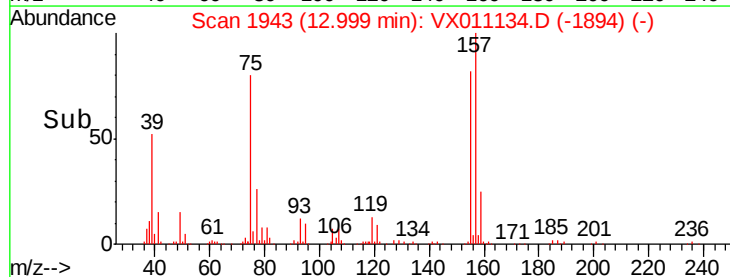
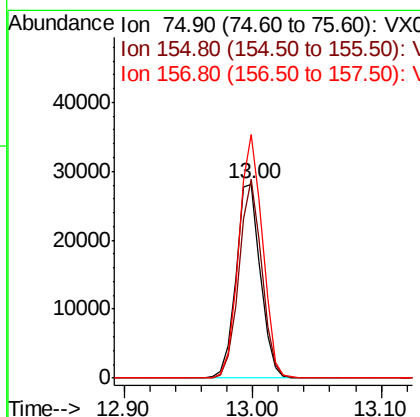
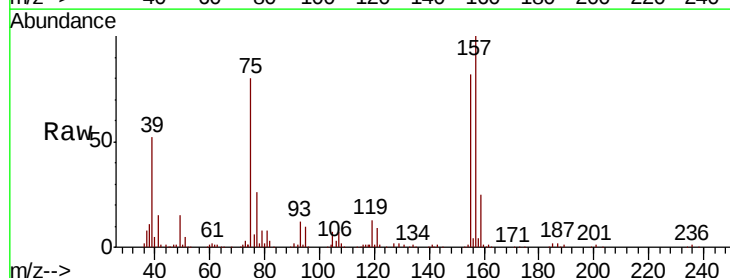
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

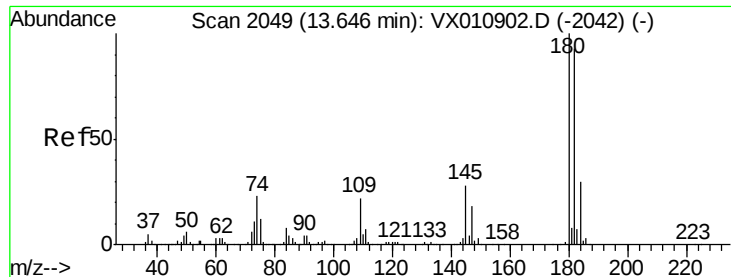
Tot Ion:146 Resp: 250906
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.977 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion: 75 Resp: 37167
 Ion Ratio Lower Upper
 75 100
 155 94.6 48.7 146.1
 157 120.4 62.5 187.6

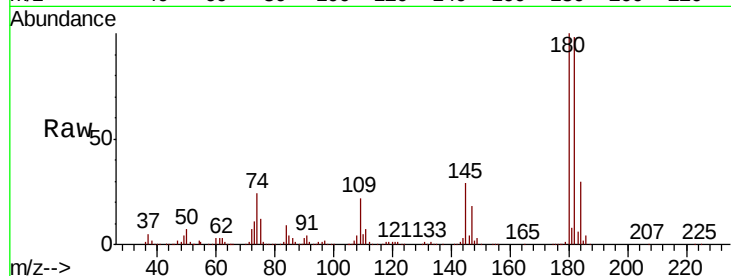




#93
 1,2,4-Trichlorobenzene
 Concen: 57.075 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	29.6	14.8	44.4

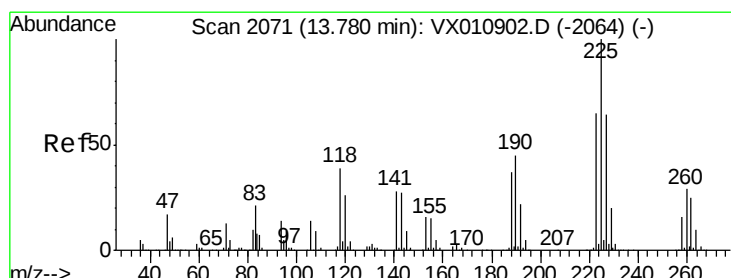
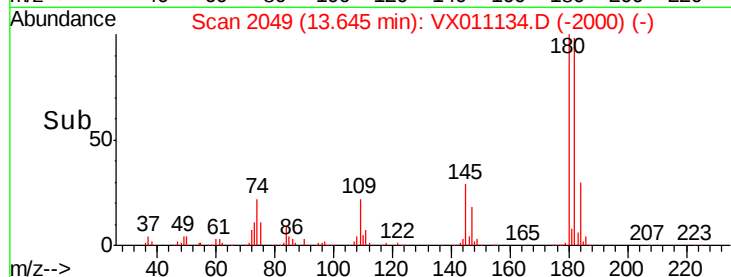
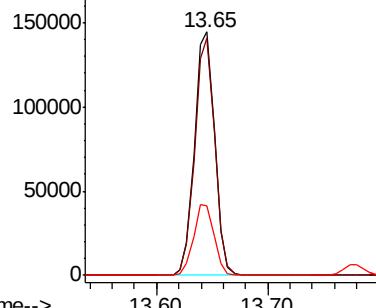


Abundance

Ion 179.80 (179.50 to 180.50): V

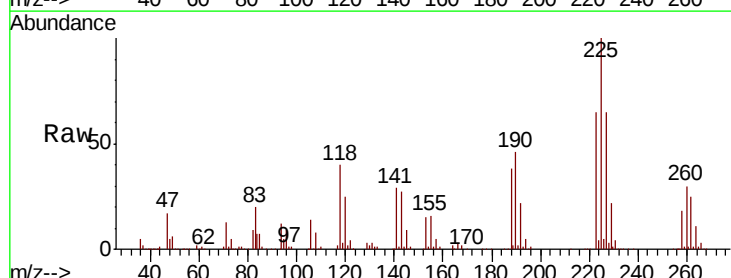
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 58.336 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011134.D
 Acq: 29 Jul 2019 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.9
227	65.3	32.5	97.4

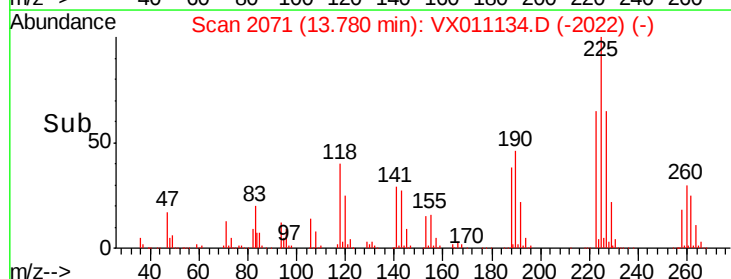
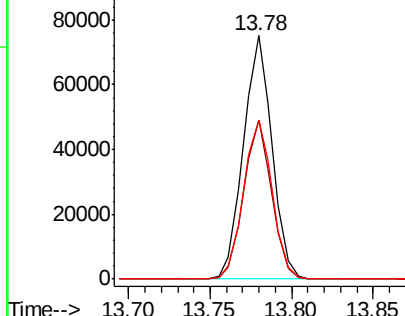


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

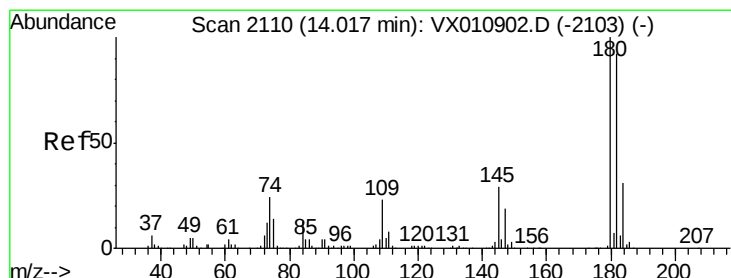
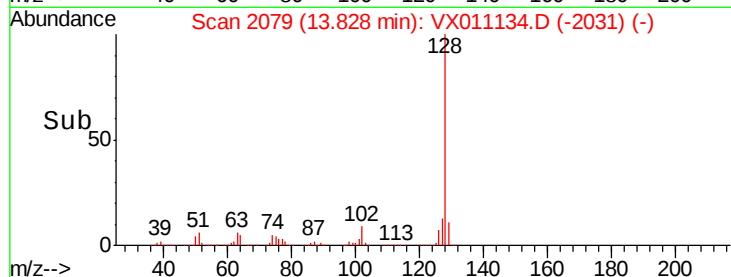
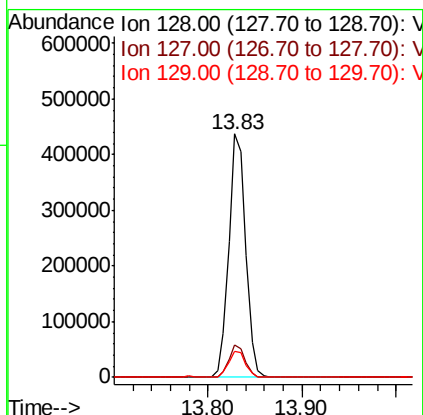
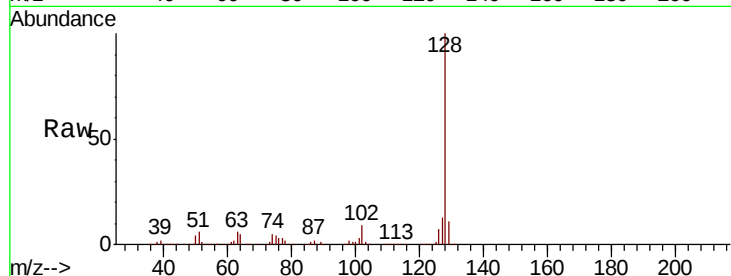




#95
Naphthalene
Concen: 57.765 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 542010
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 57.796 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011134.D
Acq: 29 Jul 2019 10:19

Tgt Ion:180 Resp: 182726
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.3
145 31.0 15.1 45.3

