

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009624.D
 Acq On : 16 May 2019 22:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 17 06:42:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	158918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120106	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	106890	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	80533	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	316809	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	119658	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60667	41.426	ug/l	99
3) Chloromethane	1.32	50	95033	47.532	ug/l	99
4) Vinyl Chloride	1.41	62	93208	47.808	ug/l	100
5) Bromomethane	1.64	94	57531	49.164	ug/l	100
6) Chloroethane	1.71	64	60849	48.612	ug/l	100
7) Trichlorofluoromethane	1.92	101	116616	49.208	ug/l	99
8) Diethyl Ether	2.19	74	56118	49.991	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70748	47.539	ug/l	100
10) Methyl Iodide	2.51	142	90059	51.892	ug/l	99
11) Tert butyl alcohol	3.06	59	135996	270.818	ug/l	99
12) 1,1-Dichloroethene	2.37	96	72662	48.730	ug/l	98
13) Acrolein	2.29	56	98869	217.400	ug/l	99
14) Allyl chloride	2.72	41	176670	48.618	ug/l	99
15) Acrylonitrile	3.15	53	326696	266.074	ug/l	100
16) Acetone	2.45	43	284787	244.475	ug/l	99
17) Carbon Disulfide	2.56	76	189219	45.199	ug/l	99
18) Methyl Acetate	2.78	43	148748	53.693	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	298181	51.496	ug/l	100
20) Methylene Chloride	2.85	84	91947	48.749	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	79032	48.872	ug/l	98
22) Diisopropyl ether	3.86	45	360274	51.554	ug/l	93
23) Vinyl Acetate	3.82	43	1595255	266.579	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171600	49.776	ug/l	99
25) 2-Butanone	4.68	43	488400	269.803	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105066	40.945	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95503	49.478	ug/l	98
28) Bromochloromethane	5.02	49	61307	43.840	ug/l	99
29) Tetrahydrofuran	5.13	42	319755	274.500	ug/l	99
30) Chloroform	5.21	83	160035	51.327	ug/l	99
31) Cyclohexane	5.57	56	154090	48.043	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	129921	50.055	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116048	48.604	ug/l	100
37) Ethyl Acetate	4.84	43	181322	54.505	ug/l	99
38) Carbon Tetrachloride	5.78	117	107641	49.620	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138201	47.131	ug/l	98
40) Benzene	6.14	78	367576	49.744	ug/l	98
41) Methacrylonitrile	5.04	41	102774	51.899	ug/l	99
42) 1,2-Dichloroethane	6.20	62	134257	50.650	ug/l	99
43) Isopropyl Acetate	6.45	43	284970	53.554	ug/l	100
44) Trichloroethene	7.21	130	87714	49.101	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106516	50.907	ug/l	99
46) Dibromomethane	7.66	93	61239	50.401	ug/l	99
47) Bromodichloromethane	7.90	83	124738	51.466	ug/l	97
48) Methyl methacrylate	7.77	41	145556	55.135	ug/l	98
49) 1,4-Dioxane	7.74	88	54745	1022.535	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	981684	282.251	ug/l	99
52) Toluene	8.79	92	228413	50.851	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140127	51.209	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153069	50.538	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	95293	52.001	ug/l	95
56) Ethyl methacrylate	9.18	69	176407	53.928	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165738	51.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	394894	227.561	ug/l	100
59) 2-Hexanone	9.49	43	753898	275.989	ug/l	98
60) Dibromochloromethane	9.58	129	94034	52.539	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96261	52.039	ug/l	99
64) Tetrachloroethene	9.34	164	80401	49.291	ug/l	98
65) Chlorobenzene	10.14	112	238179	50.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88679	51.421	ug/l	99
67) Ethyl Benzene	10.25	91	439493	50.202	ug/l	98
68) m/p-Xylenes	10.36	106	322489	100.804	ug/l	98
69) o-Xylene	10.69	106	156822	49.683	ug/l	97
70) Styrene	10.71	104	281556	51.321	ug/l	99
71) Bromoform	10.85	173	74209	52.950	ug/l #	100
73) Isopropylbenzene	11.02	105	423673	48.509	ug/l	99
74) N-amyl acetate	10.90	43	262240	51.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161903	49.726	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189658	68.075	ug/l	82
77) Bromobenzene	11.26	156	106443	49.102	ug/l	100
78) n-propylbenzene	11.36	91	492962	49.422	ug/l	100
79) 2-Chlorotoluene	11.42	91	296725	48.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358123	48.697	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52429	48.150	ug/l	98
82) 4-Chlorotoluene	11.51	91	340402	48.964	ug/l	99
83) tert-Butylbenzene	11.77	119	347722	48.606	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	366621	49.667	ug/l	100
85) sec-Butylbenzene	11.94	105	413593	48.764	ug/l	100
86) p-Isopropyltoluene	12.06	119	379834	49.815	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188488	48.774	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187995	48.252	ug/l	99
89) n-Butylbenzene	12.39	91	342713	49.729	ug/l	100
90) Hexachloroethane	12.60	117	63989	49.259	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189383	48.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37202	50.934	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

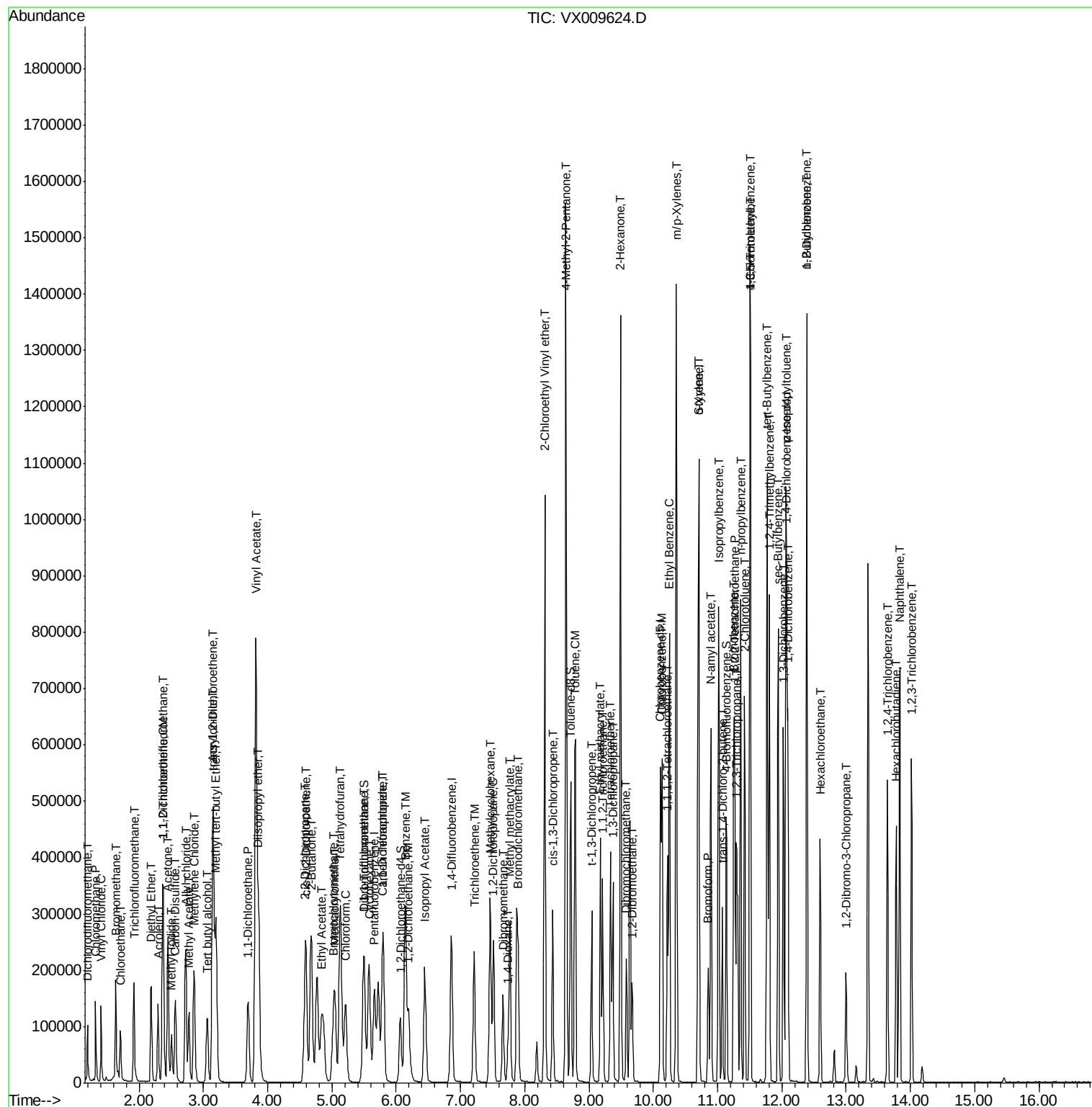
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132956	49.395	ug/l	99
94) Hexachlorobutadiene	13.78	225	68261	49.661	ug/l	99
95) Naphthalene	13.83	128	443071	50.595	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136031	49.856	ug/l	99

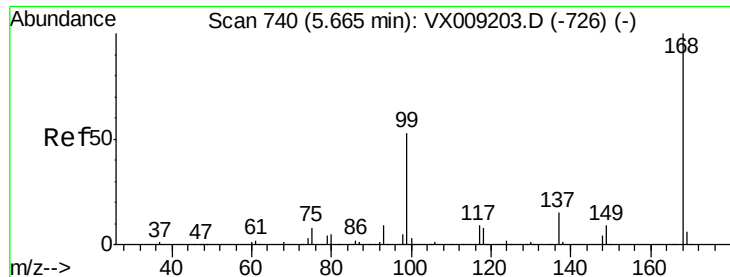
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

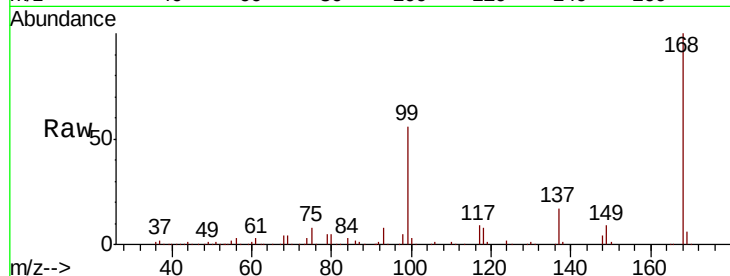
VSTDCCC050

Tot Ion:168 Resp: 158918

Ion Ratio Lower Upper

168 100

99 55.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

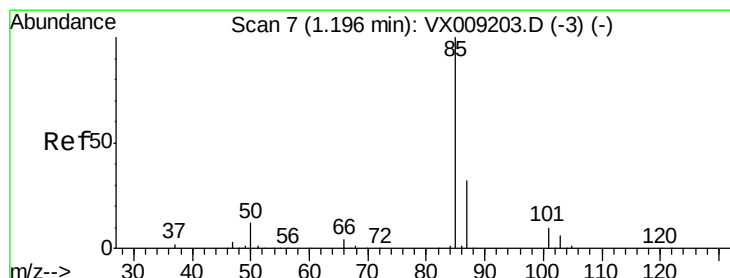
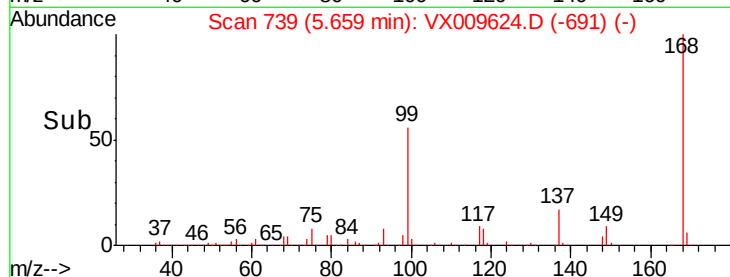
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.426 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009624.D

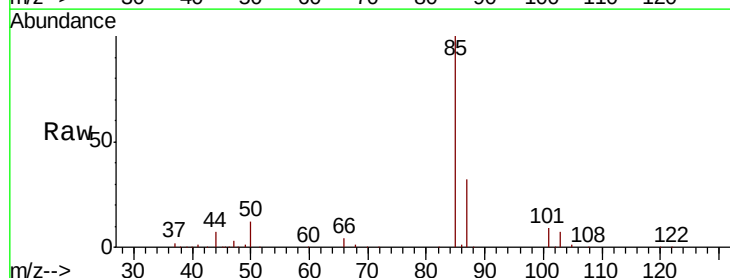
Acq: 16 May 2019 22:12

Tgt Ion: 85 Resp: 60667

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

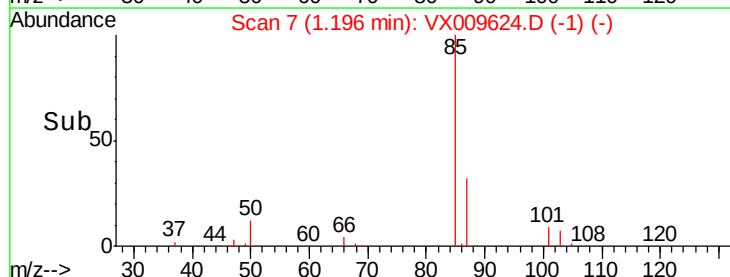
30000

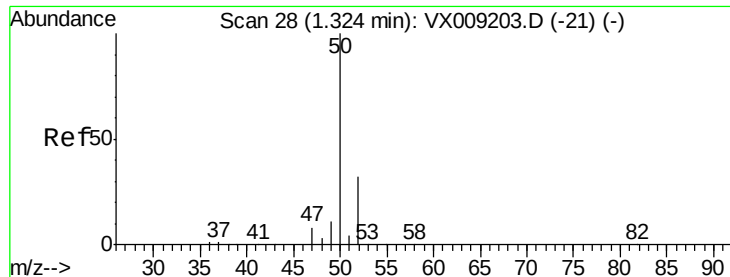
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.532 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

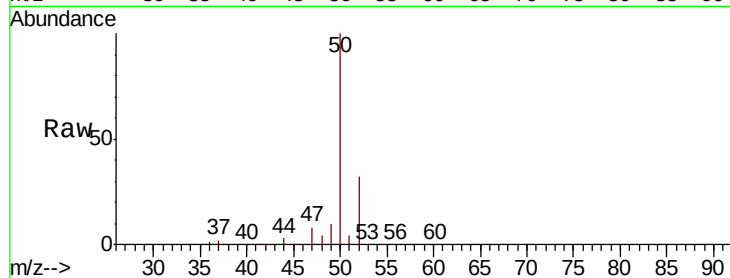
VSTDCCC050

Tot Ion: 50 Resp: 95033

Ion Ratio Lower Upper

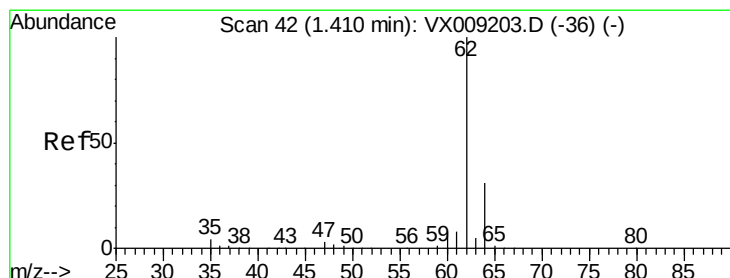
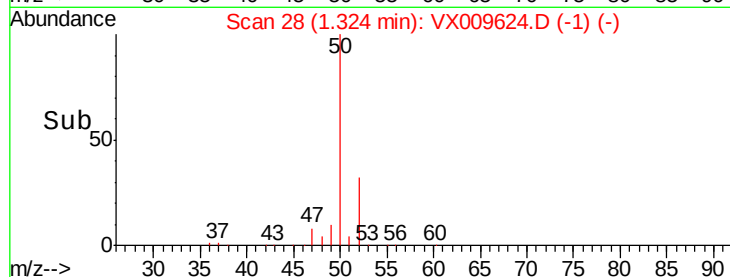
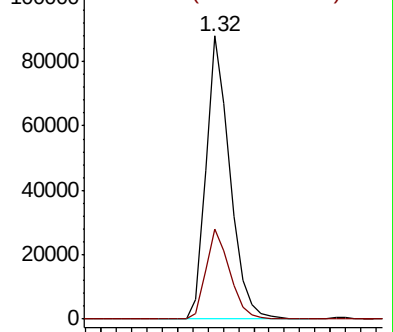
50 100

52 31.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.808 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009624.D

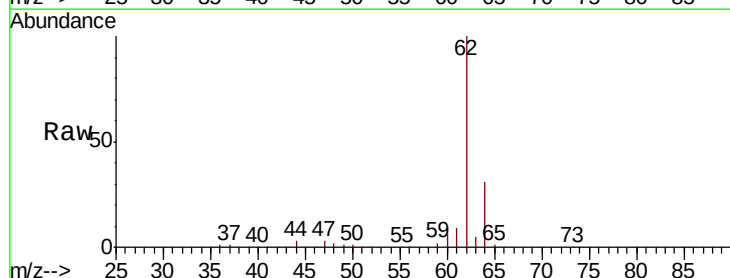
Acq: 16 May 2019 22:12

Tgt Ion: 62 Resp: 93208

Ion Ratio Lower Upper

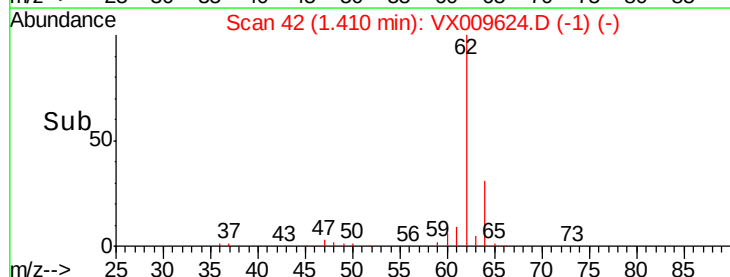
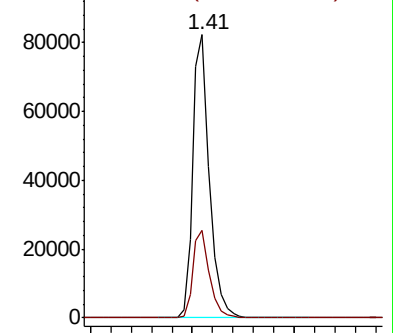
62 100

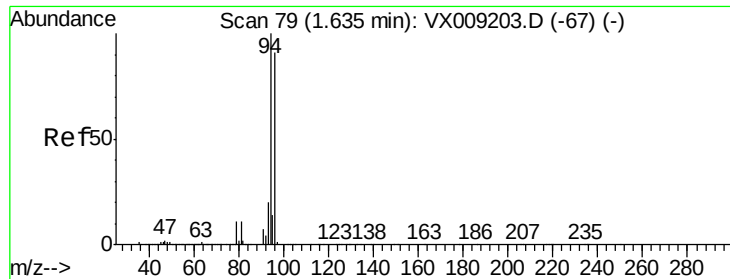
64 30.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.164 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

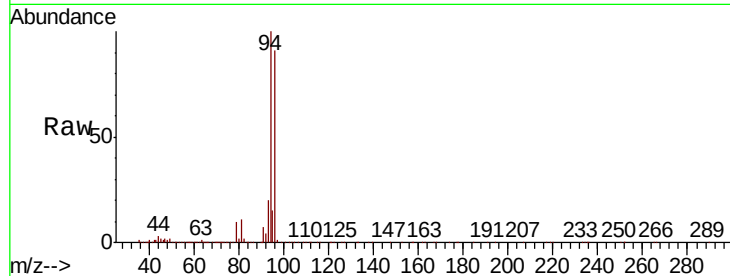
VSTDCCC050

Tot Ion: 94 Resp: 57531

Ion Ratio Lower Upper

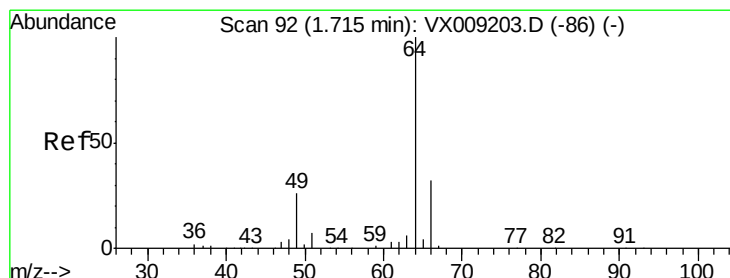
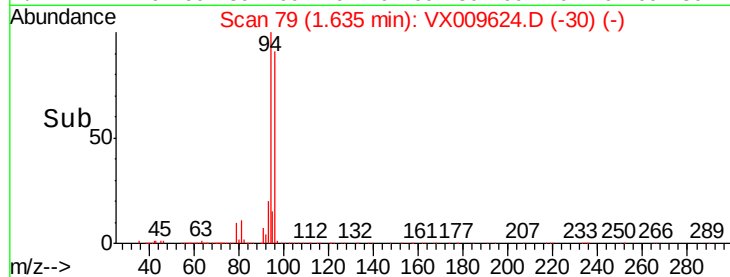
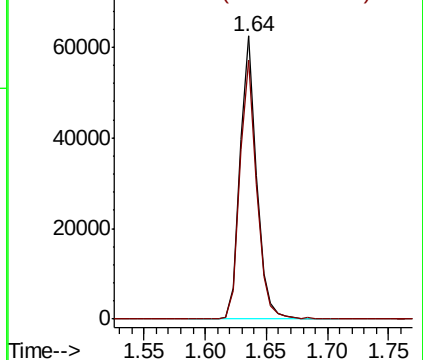
94 100

96 91.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.612 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009624.D

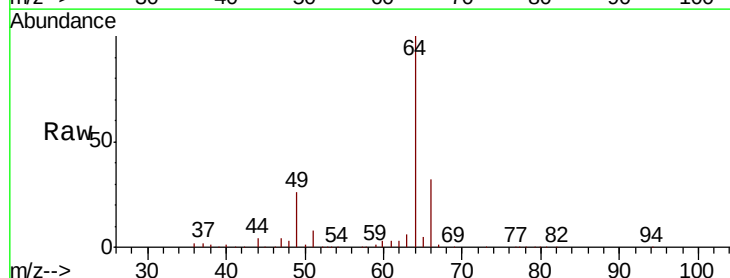
Acq: 16 May 2019 22:12

Tgt Ion: 64 Resp: 60849

Ion Ratio Lower Upper

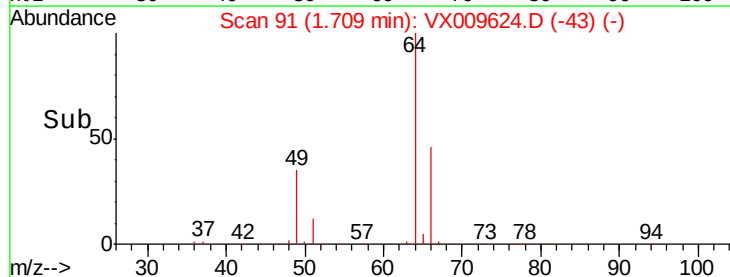
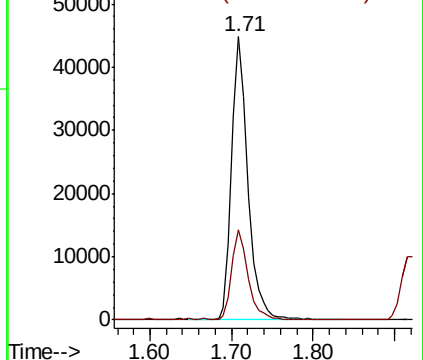
64 100

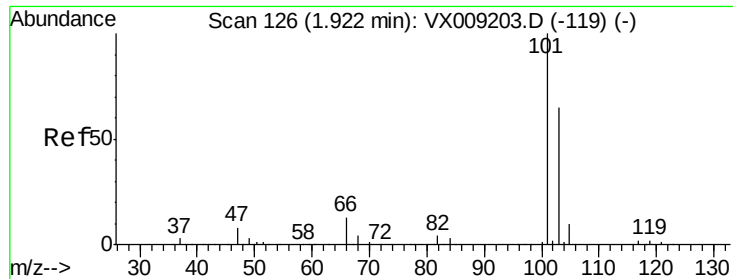
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



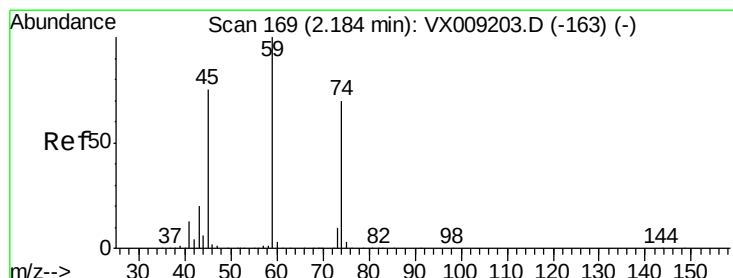
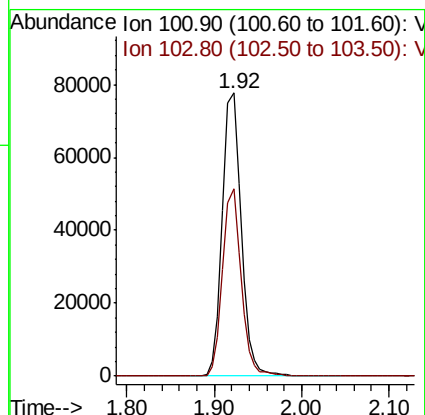
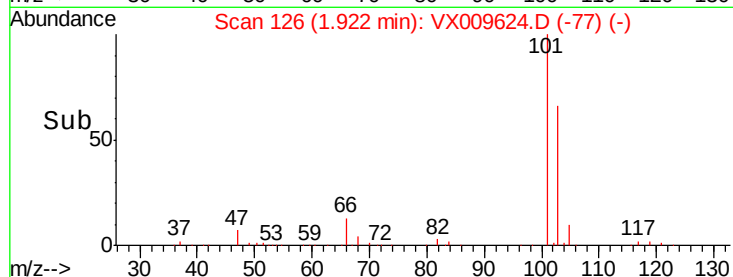
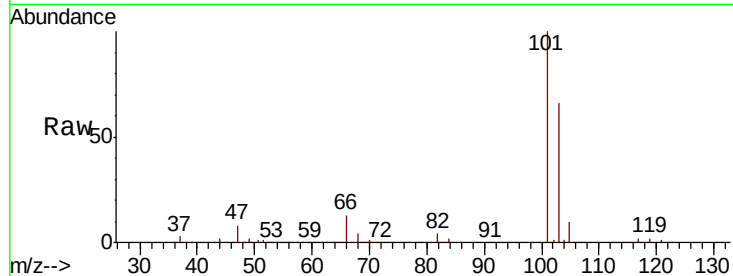


#7

Trichlorofluoromethane
 Concen: 49.208 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

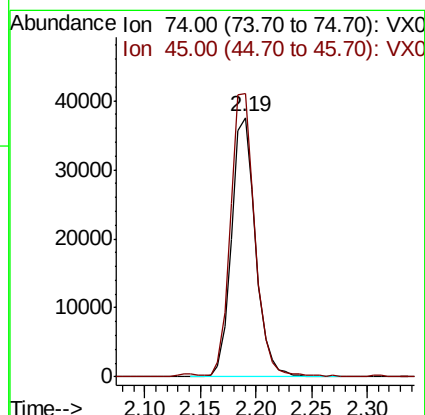
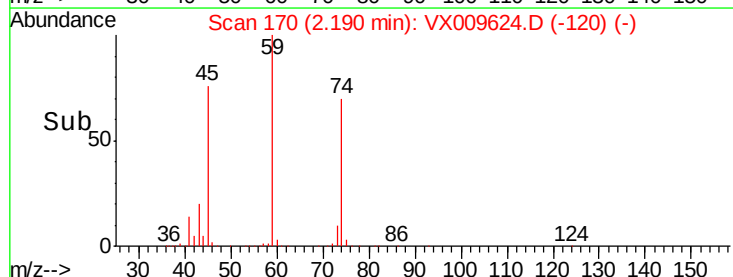
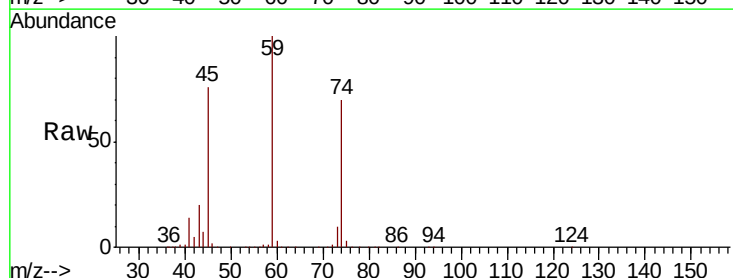
Tot Ion:101 Resp: 116616
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.4 78.6

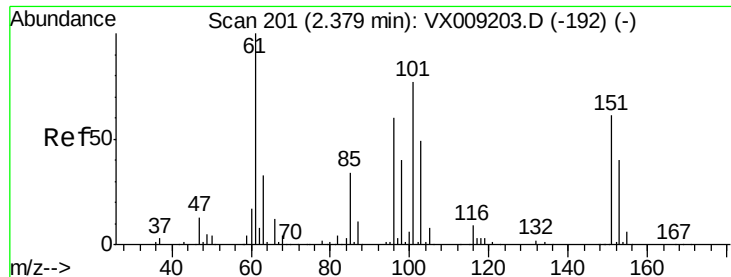


#8

Diethyl Ether
 Concen: 49.991 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 74 Resp: 56118
 Ion Ratio Lower Upper
 74 100
 45 110.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.539 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

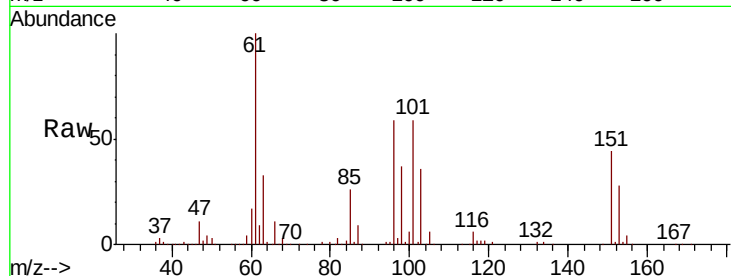
Tot Ion:101 Resp: 70748

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

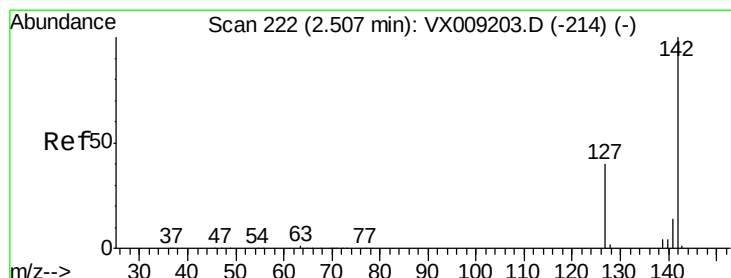
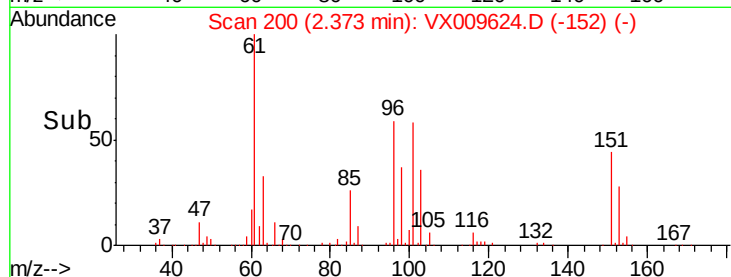
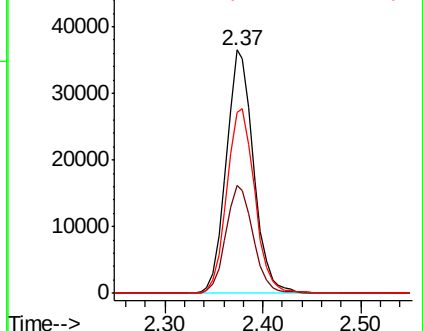
151 77.9 62.2 93.2



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: 51.892 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

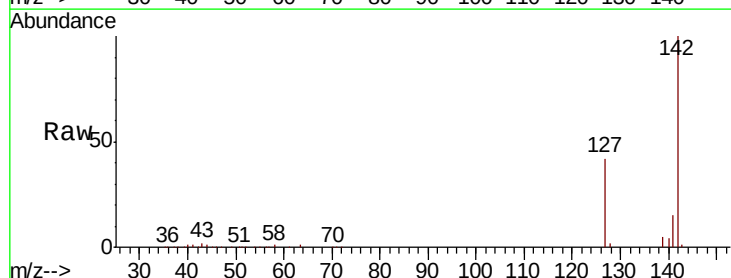
Tgt Ion:142 Resp: 90059

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

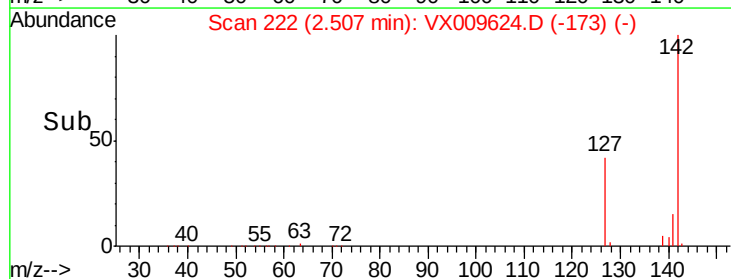
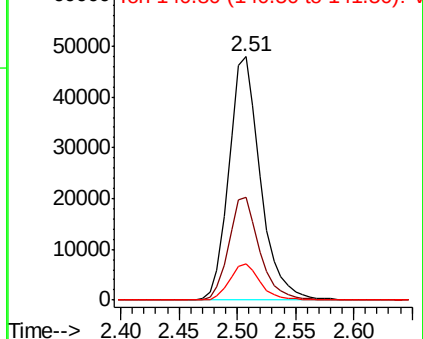
141 14.6 11.5 17.3

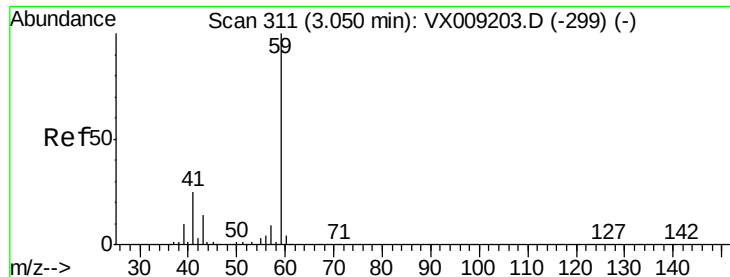


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

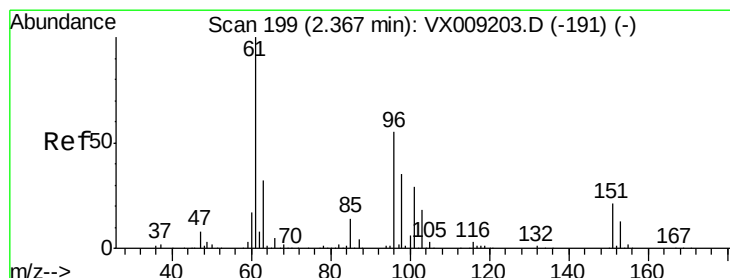
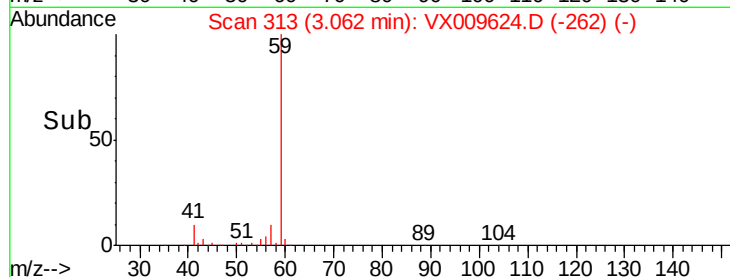
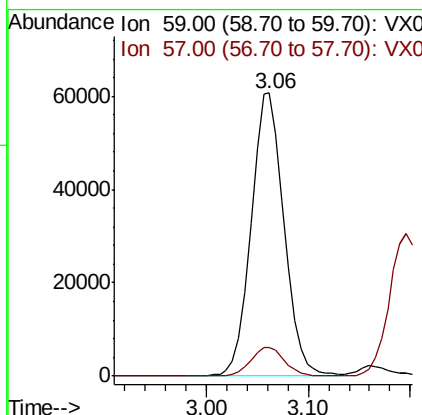
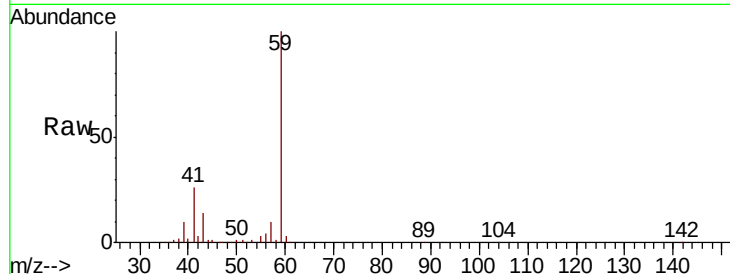




#11
Tert butyl alcohol
Concen: 270.818 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

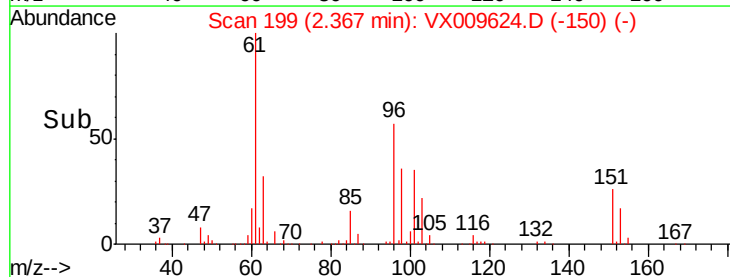
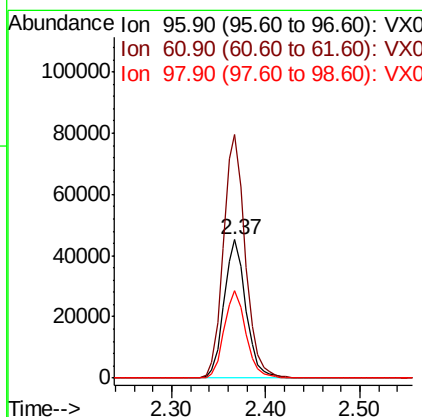
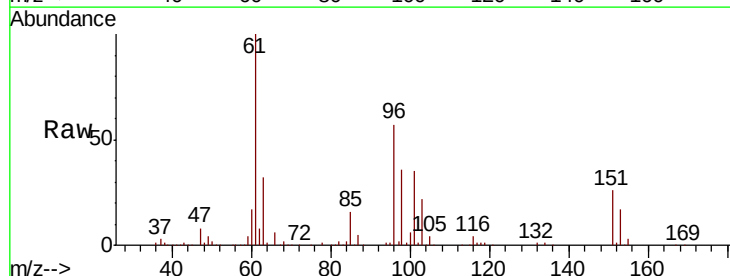
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

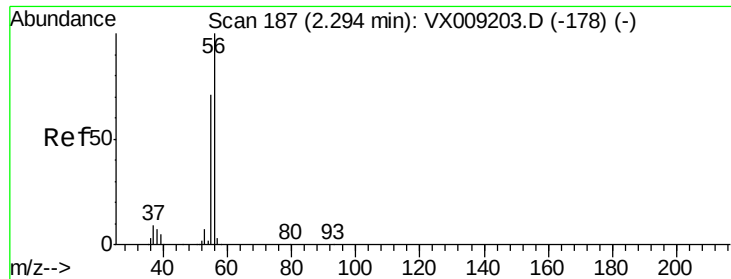
Tot Ion: 59 Resp: 135996
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.730 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 96 Resp: 72662
Ion Ratio Lower Upper
96 100
61 176.0 144.3 216.5
98 63.1 50.3 75.5





#13

Acrolein

Concen: 217.400 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

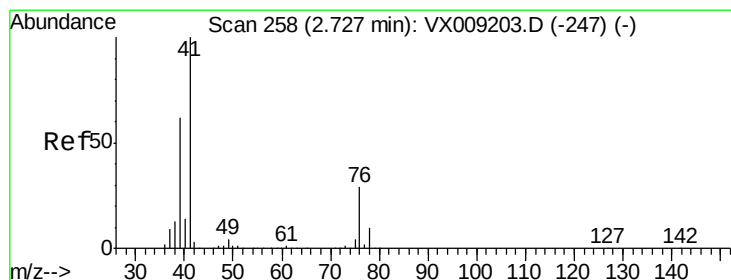
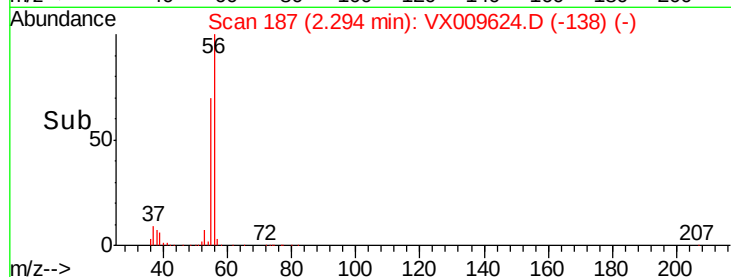
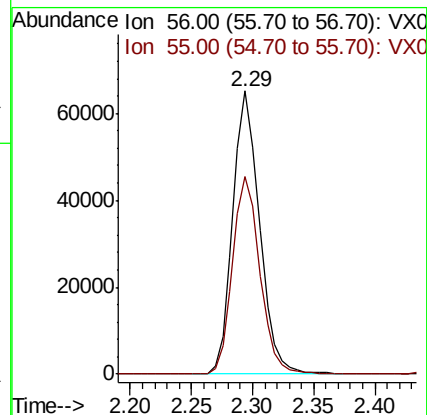
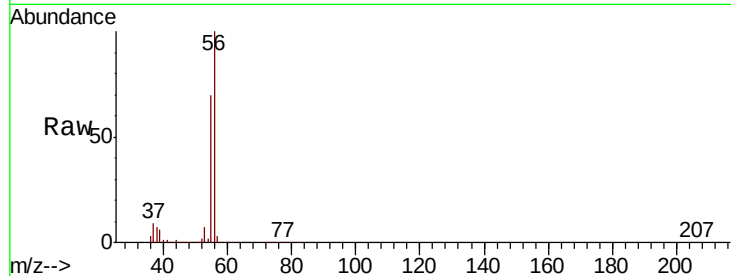
VSTDCCC050

Tot Ion: 56 Resp: 98869

Ion Ratio Lower Upper

56 100

55 71.4 56.6 85.0



#14

Allyl chloride

Concen: 48.618 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

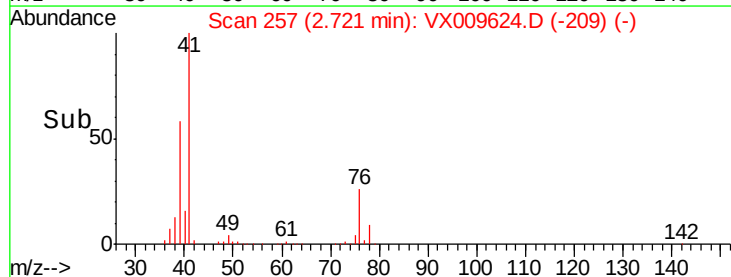
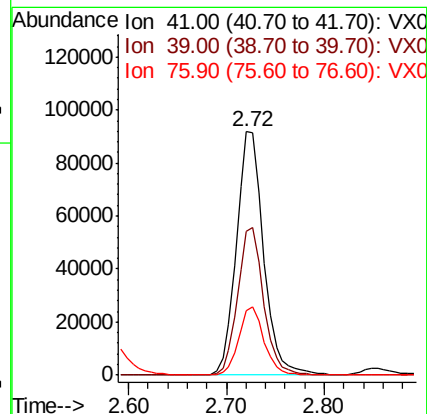
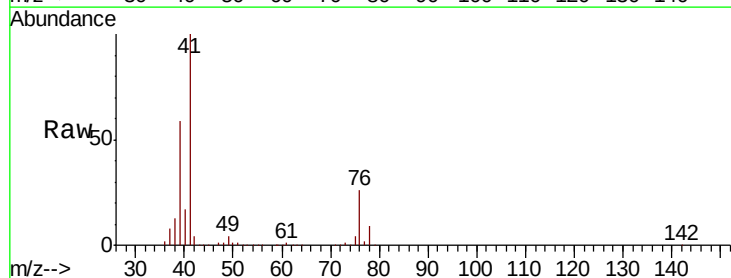
Tgt Ion: 41 Resp: 176670

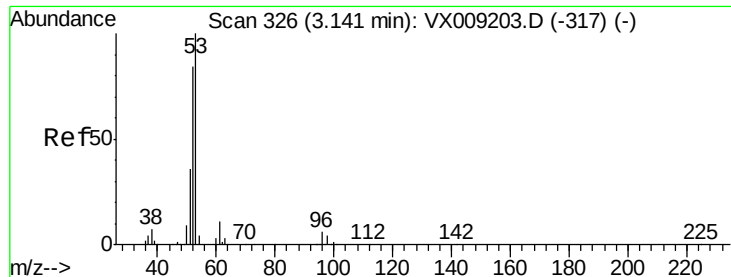
Ion Ratio Lower Upper

41 100

39 57.6 46.7 70.1

76 26.3 21.8 32.8





#15

Acrylonitrile

Concen: 266.074 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

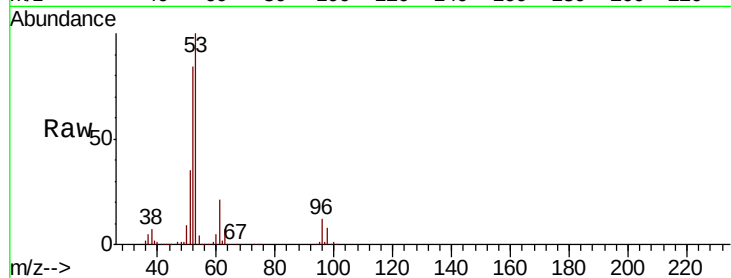
Tot Ion: 53 Resp: 326696

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

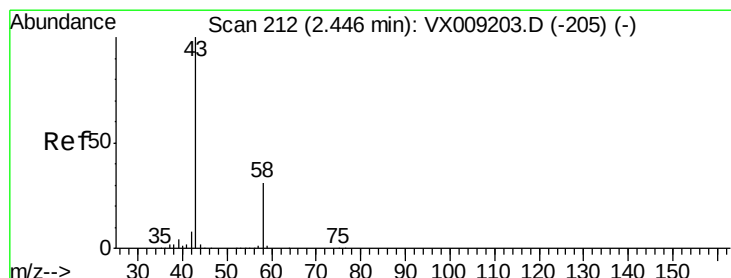
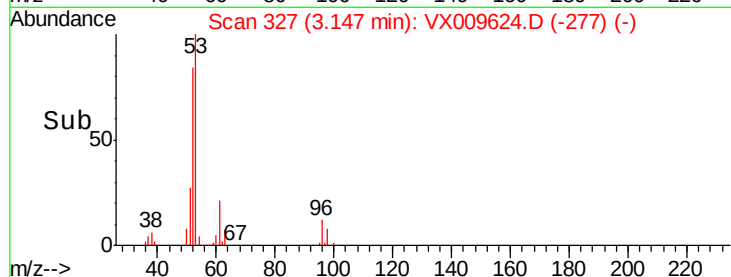
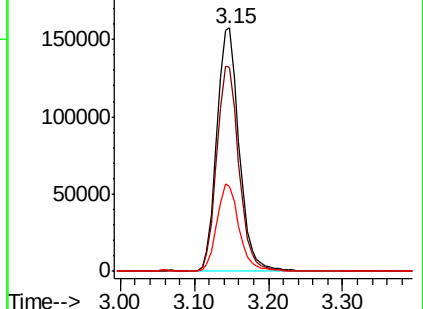
51 35.7 28.2 42.2



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: 244.475 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009624.D

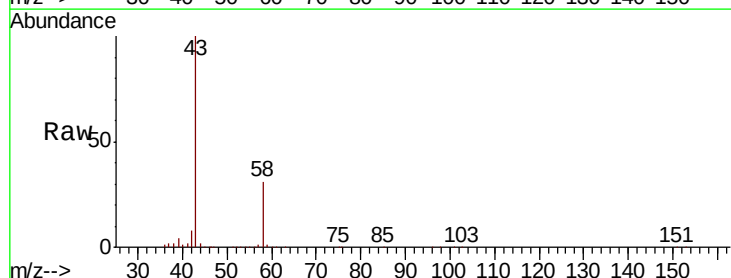
Acq: 16 May 2019 22:12

Tgt Ion: 43 Resp: 284787

Ion Ratio Lower Upper

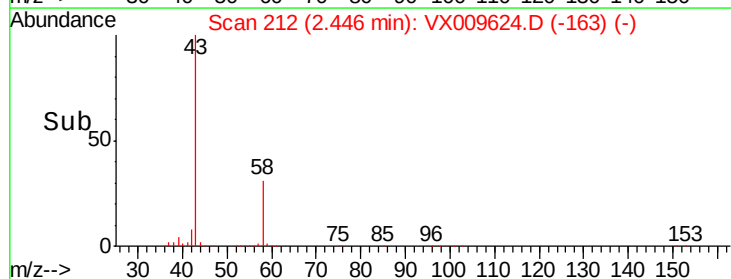
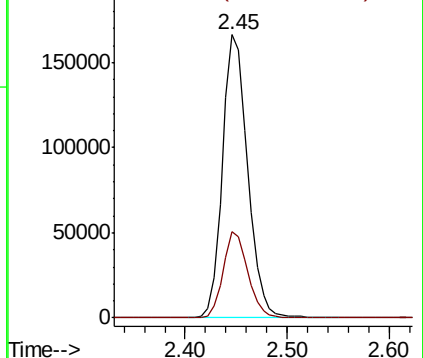
43 100

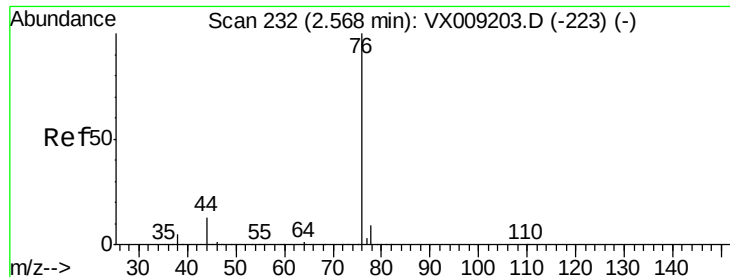
58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.199 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

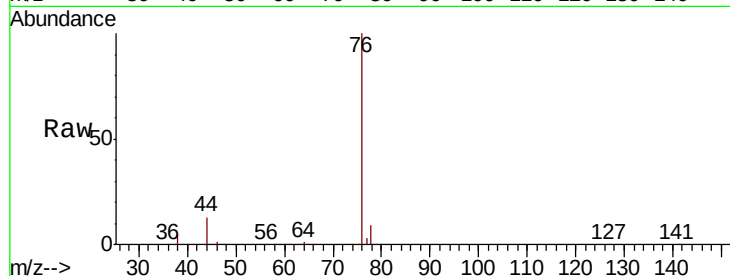
VSTDCCC050

Tot Ion: 76 Resp: 189219

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

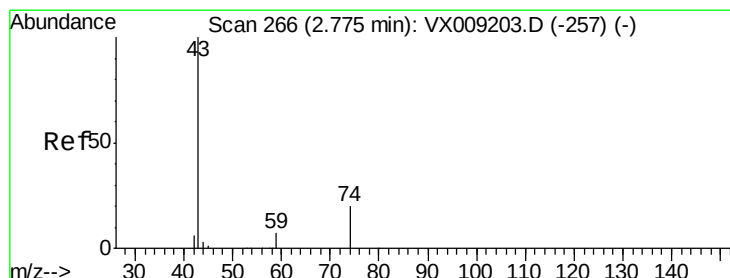
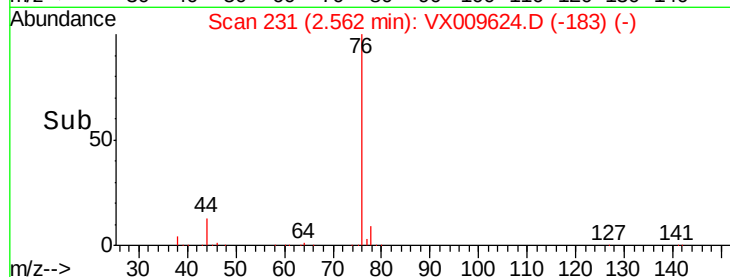
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 53.693 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009624.D

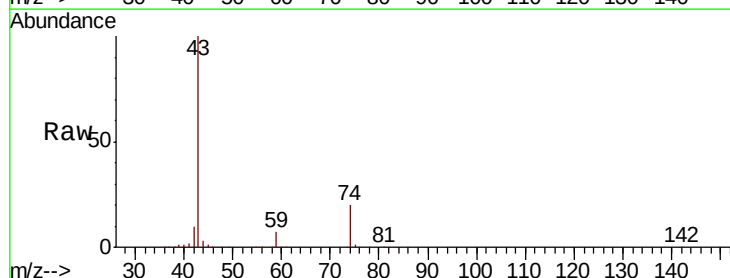
Acq: 16 May 2019 22:12

Tgt Ion: 43 Resp: 148748

Ion Ratio Lower Upper

43 100

74 20.3 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

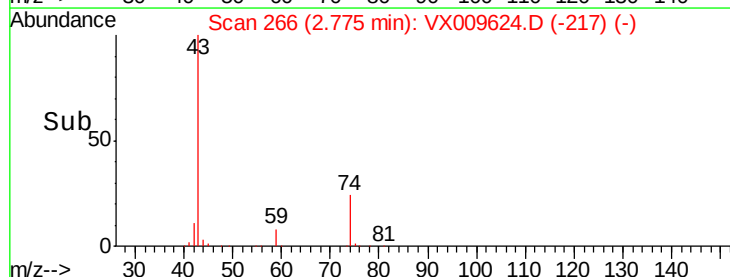
60000

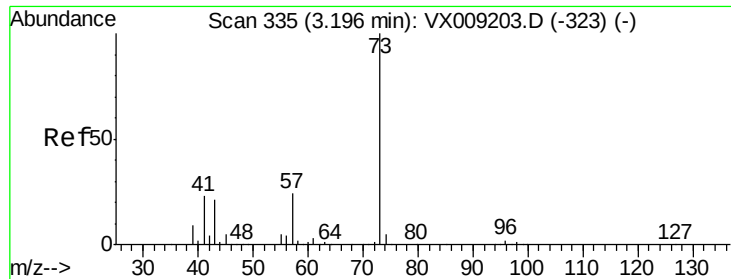
40000

20000

0

Time-->

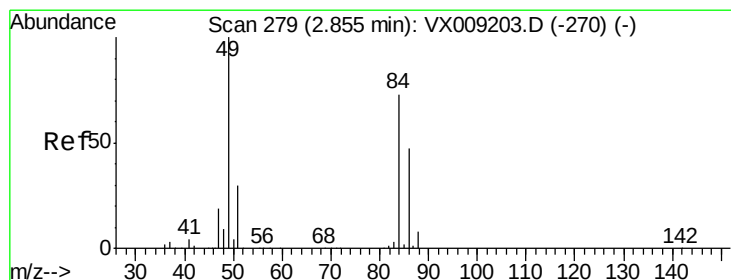
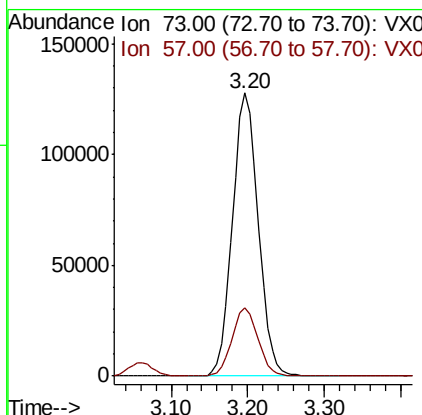
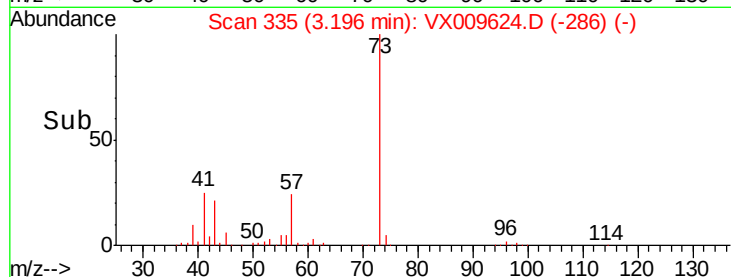
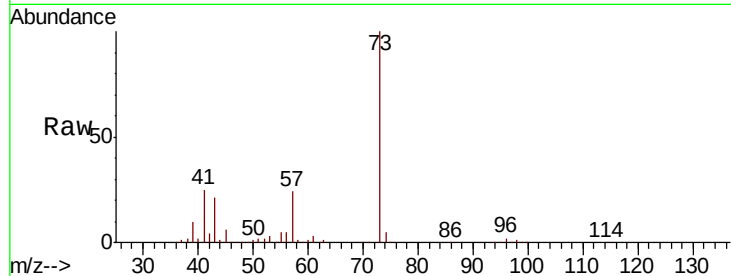




#19
Methyl tert-butyl Ether
Concen: 51.496 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

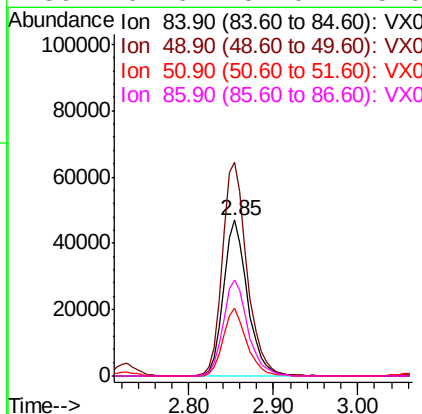
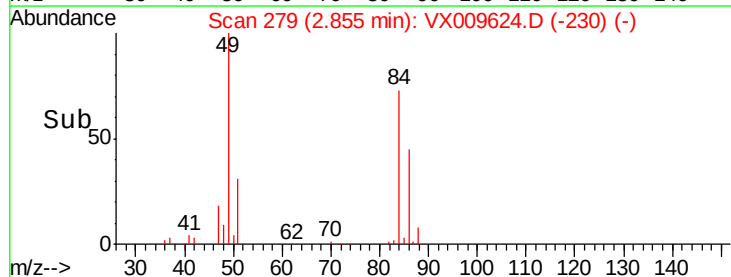
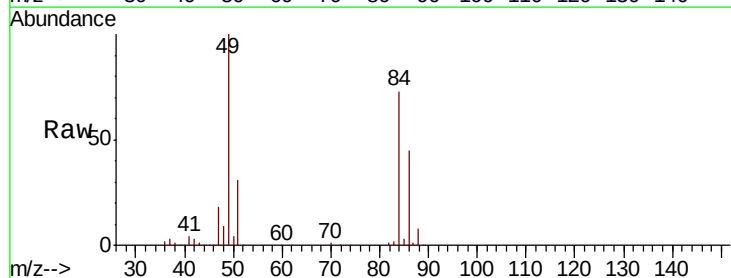
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

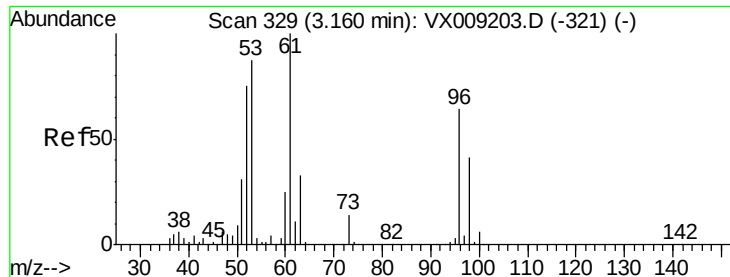
Tot Ion: 73 Resp: 298181
Ion Ratio Lower Upper
73 100
57 24.0 19.3 28.9



#20
Methylene Chloride
Concen: 48.749 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 84 Resp: 91947
Ion Ratio Lower Upper
84 100
49 137.2 109.9 164.9
51 43.2 32.7 49.1
86 61.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.872 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

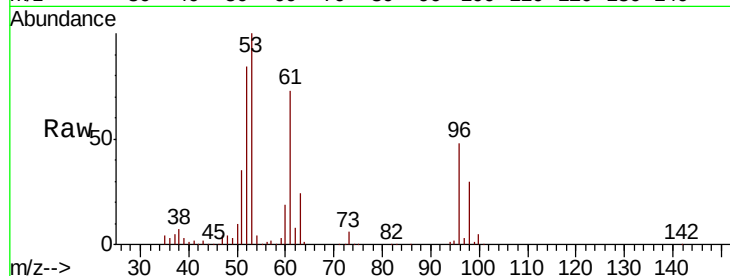
Tot Ion: 96 Resp: 79032

Ion Ratio Lower Upper

96 100

61 153.3 124.5 186.7

98 61.8 50.4 75.6

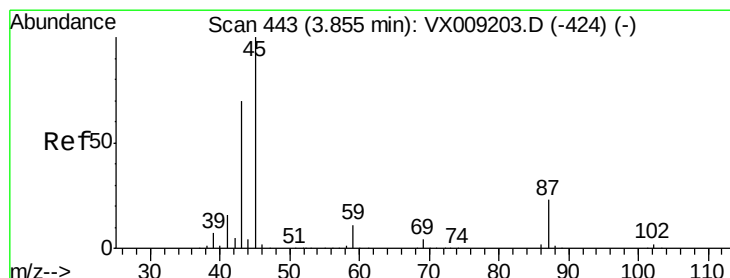
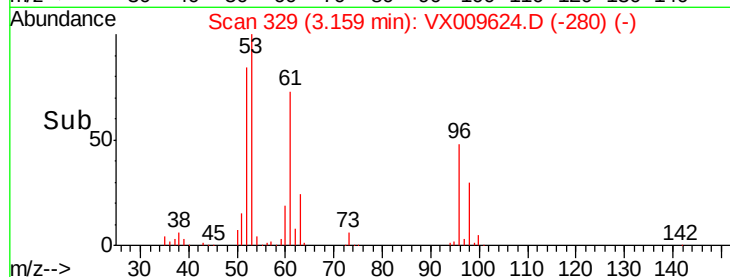
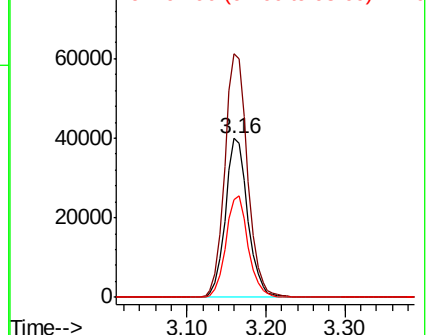


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.554 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Tgt Ion: 45 Resp: 360274

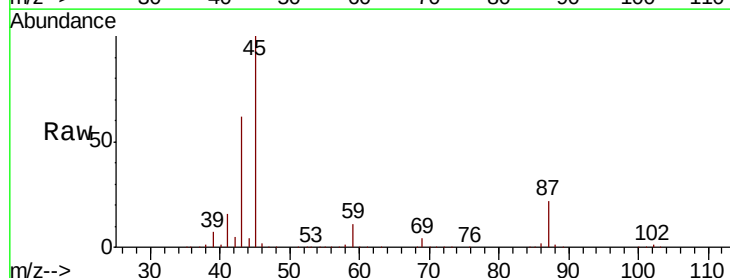
Ion Ratio Lower Upper

45 100

43 61.7 56.1 84.1

87 22.0 18.1 27.1

59 10.5 8.5 12.7



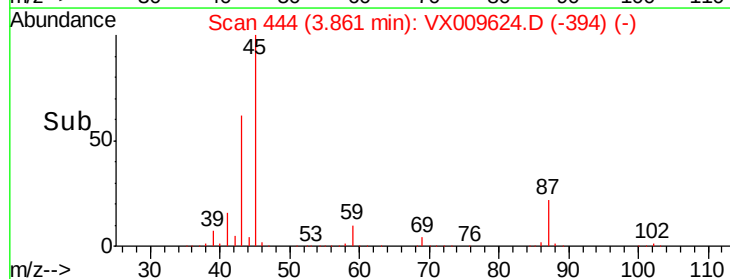
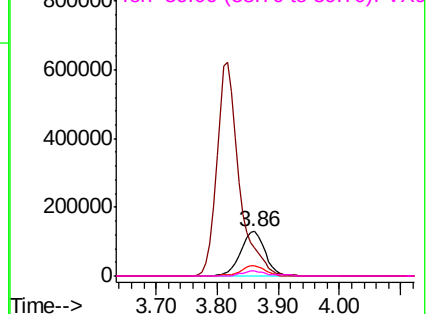
Abundance

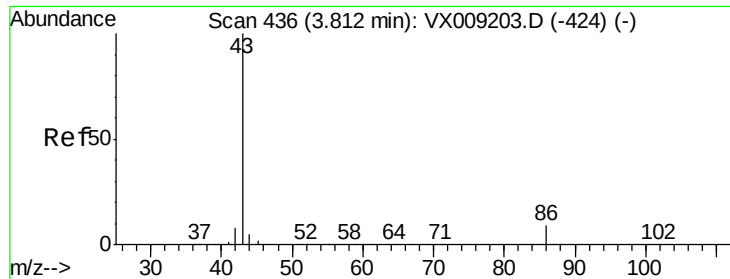
Ion 45.00 (44.70 to 45.70): VX0

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: 266.579 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

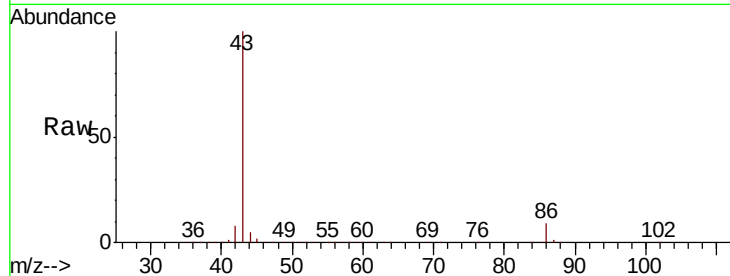
VSTDCCC050

Tot Ion: 43 Resp: 1595255

Ion Ratio Lower Upper

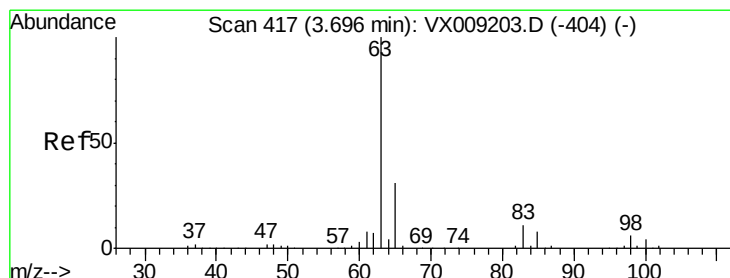
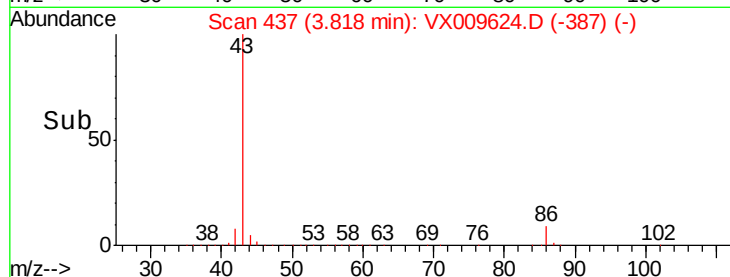
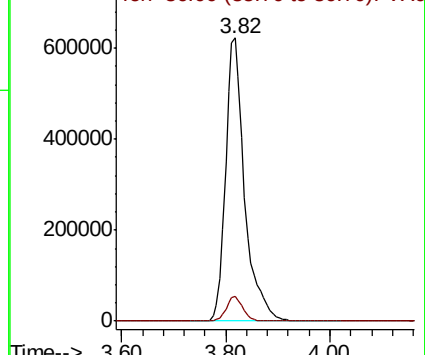
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009624.D (-387) (-)

Ion 86.00 (85.70 to 86.70): VX009624.D (-387) (-)



#24

1,1-Dichloroethane

Concen: 49.776 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

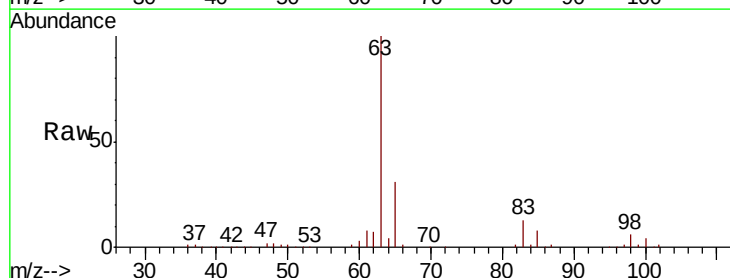
Tgt Ion: 63 Resp: 171600

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

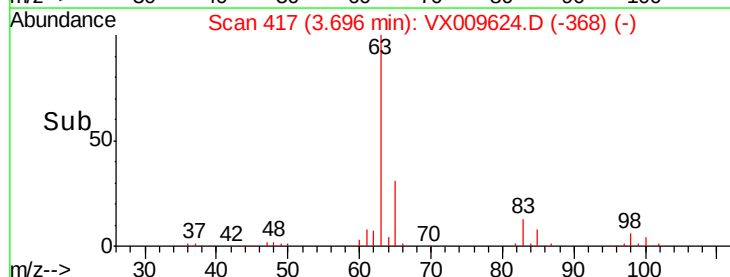
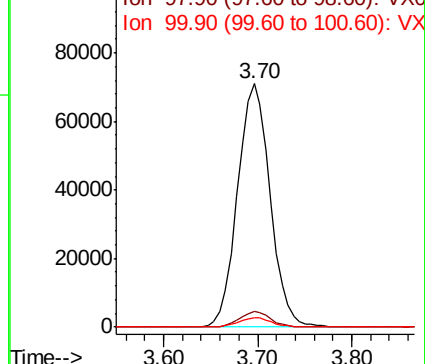
100 3.8 2.0 6.0

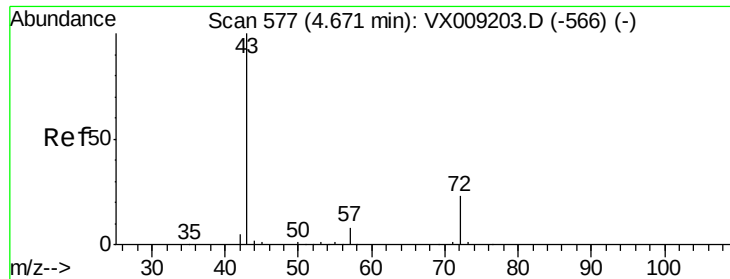


Abundance Ion 62.90 (62.60 to 63.60): VX009624.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX009624.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX009624.D (-368) (-)





#25

2-Butanone

Concen: 269.803 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

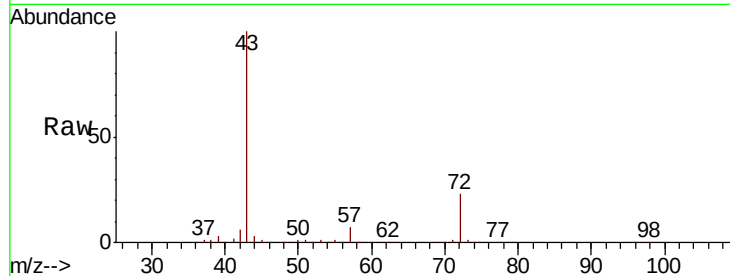
VSTDCCC050

Tot Ion: 43 Resp: 488400

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009624.D (-528) (-)

Ion 72.00 (71.70 to 72.70): VX009624.D (-528) (-)

200000

150000

100000

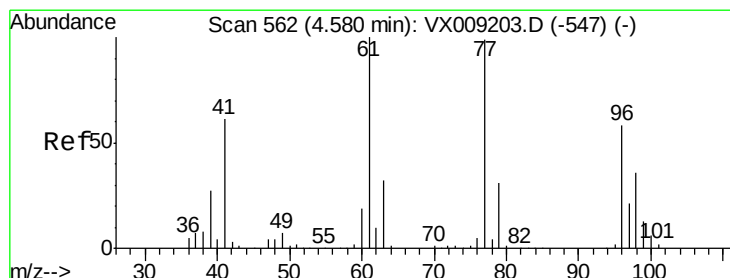
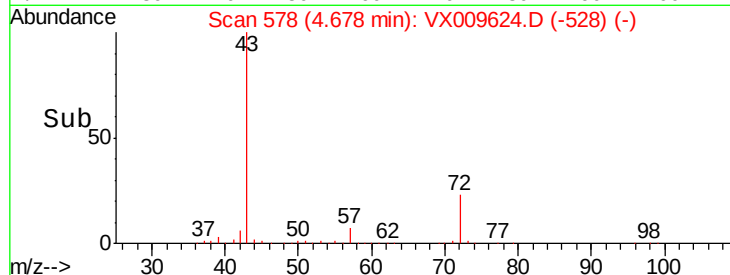
50000

0

4.60 4.70 4.80

4.68

Time-->



#26

2,2-Dichloropropane

Concen: 40.945 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009624.D

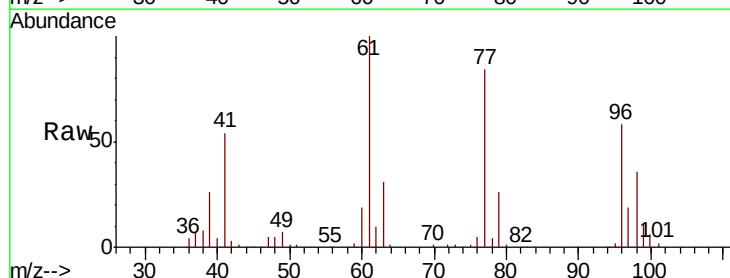
Acq: 16 May 2019 22:12

Tgt Ion: 77 Resp: 105066

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009624.D (-513) (-)

Ion 96.90 (96.60 to 97.60): VX009624.D (-513) (-)

40000

30000

20000

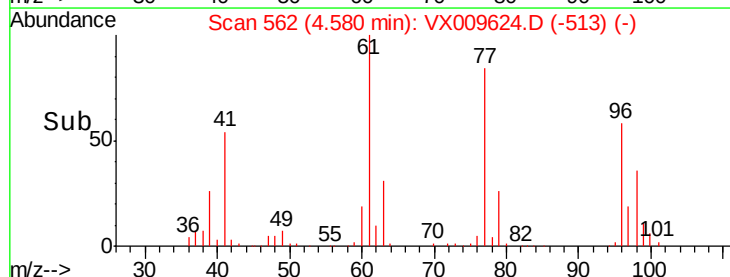
10000

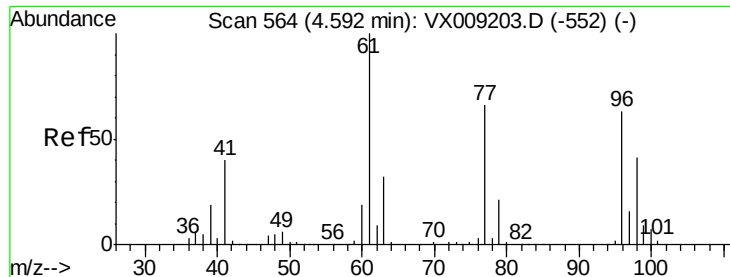
0

4.50 4.60 4.70

4.58

Time-->



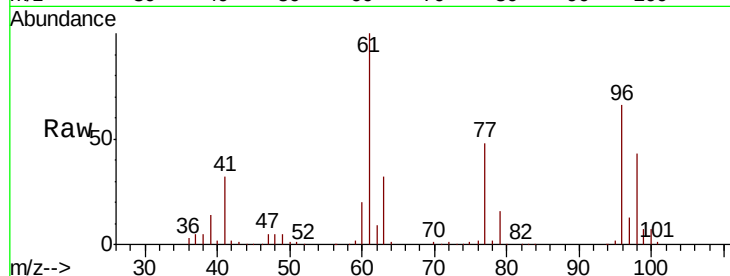


#27

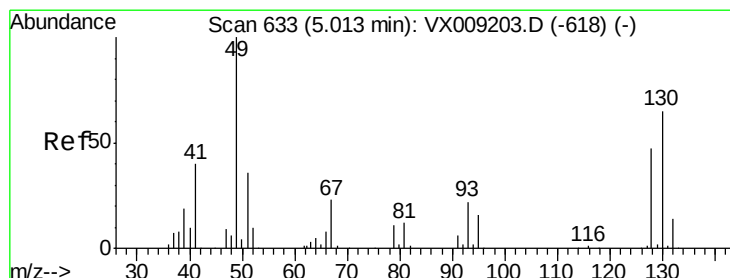
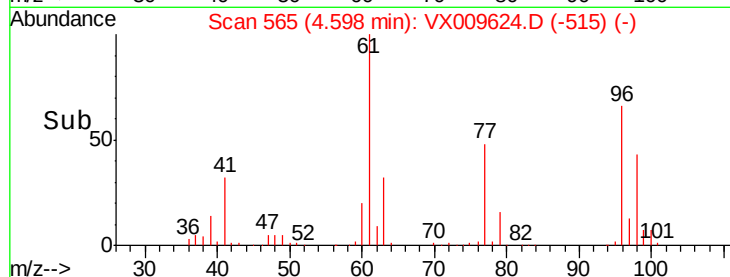
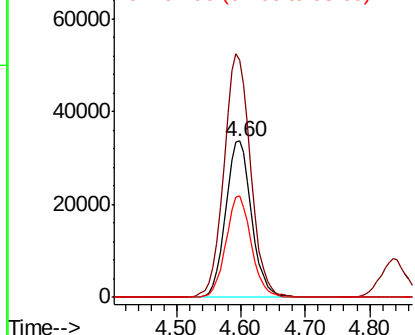
cis-1,2-Dichloroethene
Concen: 49.478 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 95503
Ion Ratio Lower Upper
96 100
61 159.9 0.0 324.0
98 63.7 0.0 130.4



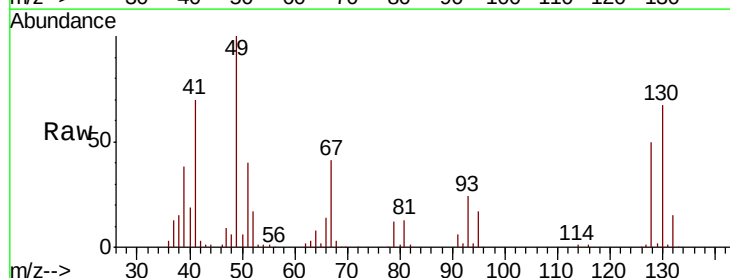
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



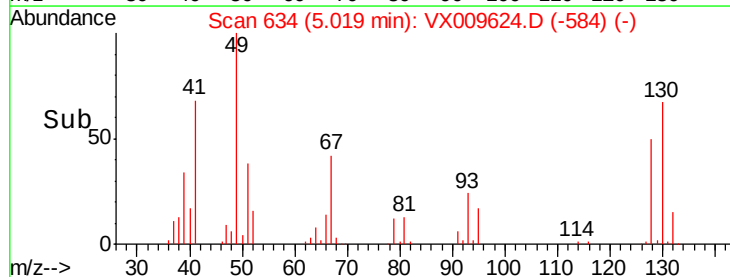
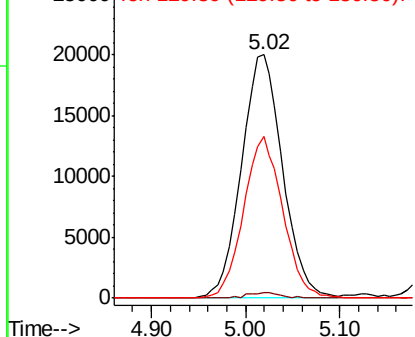
#28

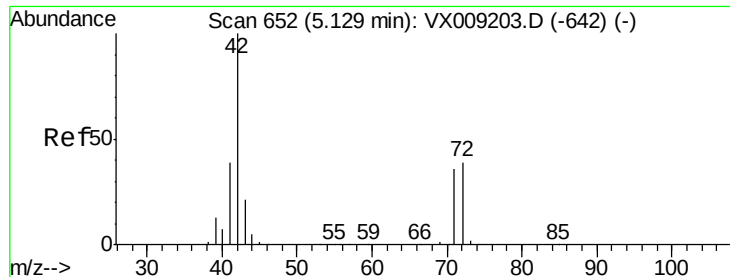
Bromochloromethane
Concen: 43.840 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 49 Resp: 61307
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 63.2 51.2 76.8



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

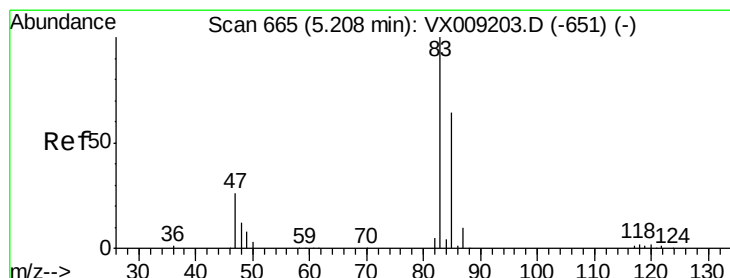
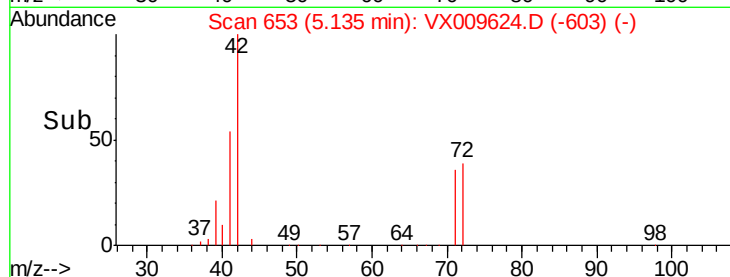
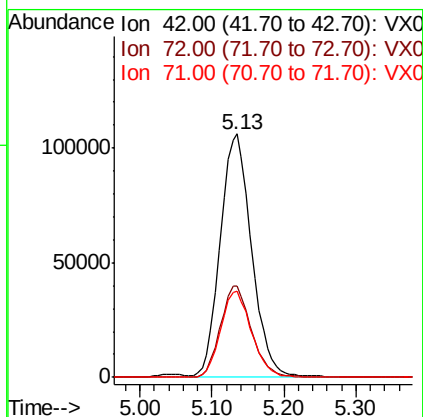
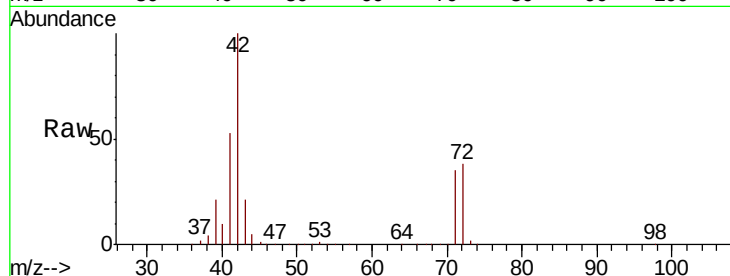




#29
Tetrahydrofuran
Concen: 274.500 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

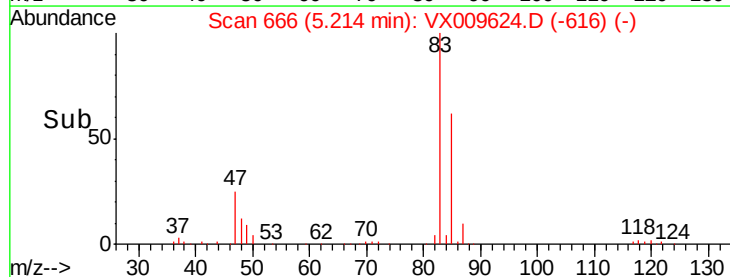
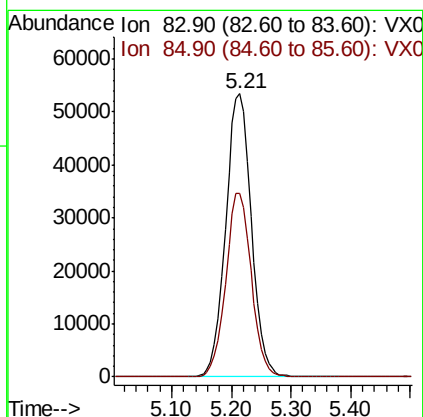
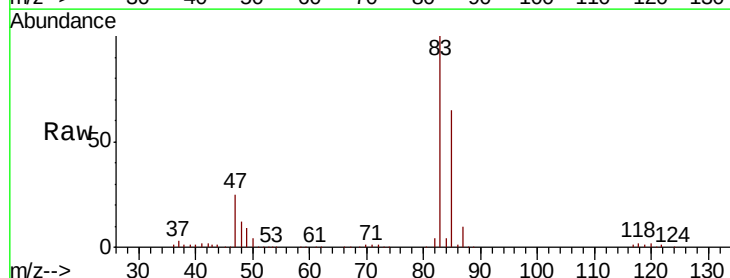
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

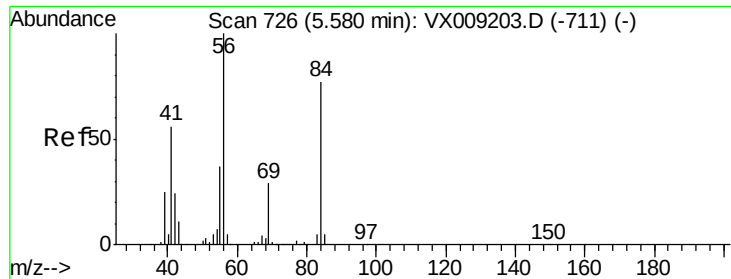
Tot Ion: 42 Resp: 319755
Ion Ratio Lower Upper
42 100
72 37.5 30.4 45.6
71 35.3 28.6 43.0



#30
Chloroform
Concen: 51.327 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 83 Resp: 160035
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3

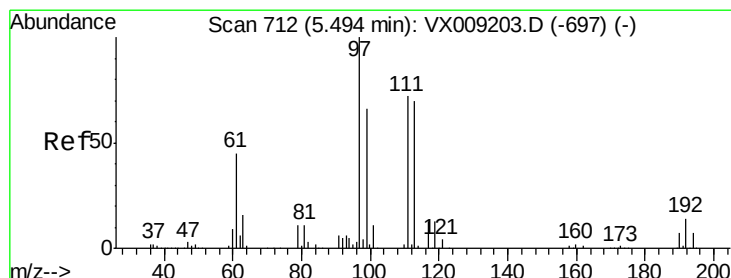
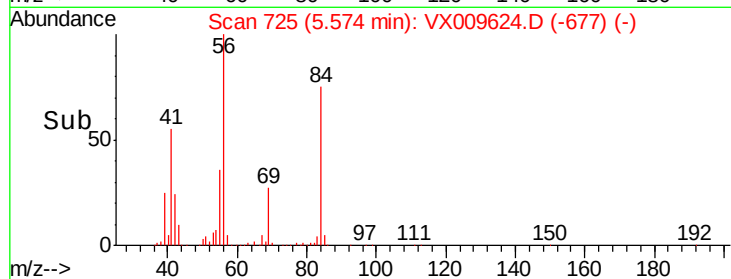
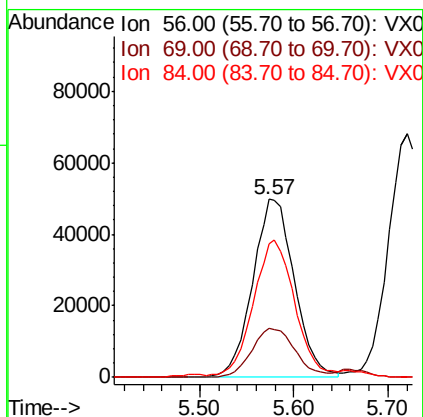
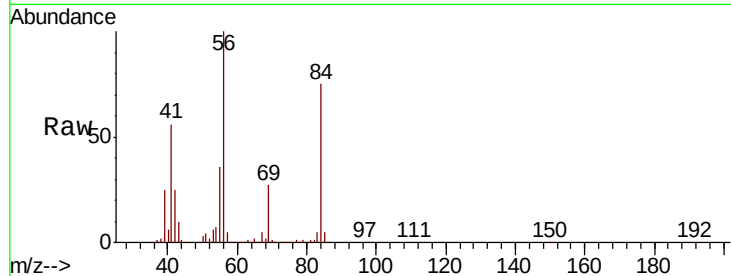




#31
Cyclohexane
Concen: 48.043 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

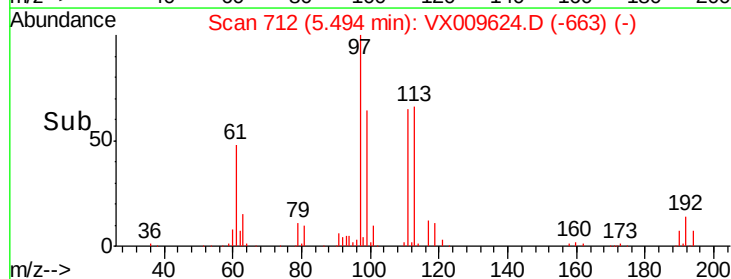
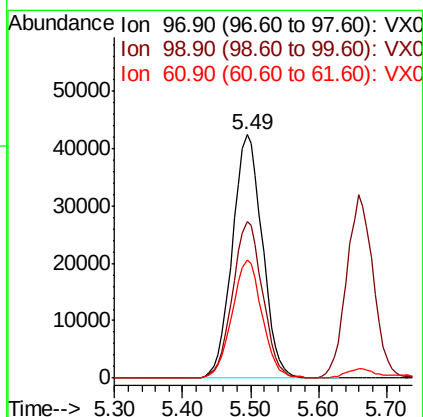
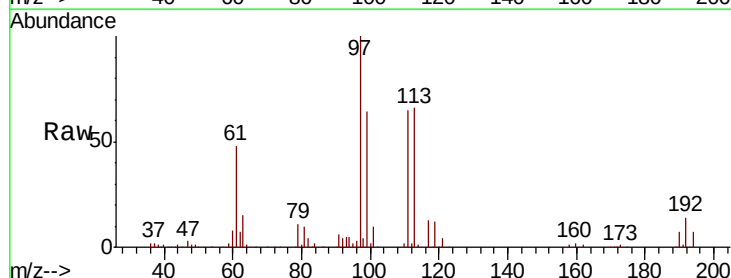
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

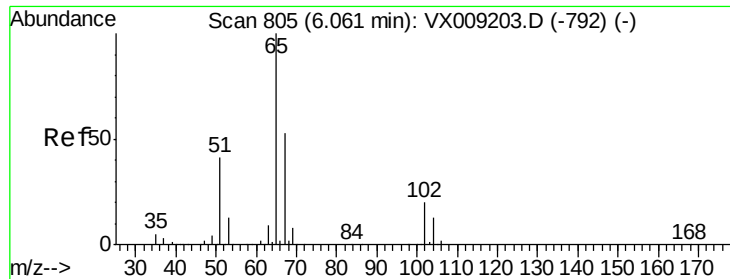
Tot Ion: 56 Resp: 154090
Ion Ratio Lower Upper
56 100
69 27.3 23.4 35.0
84 74.0 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 50.055 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 97 Resp: 129921
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 48.6 37.8 56.8

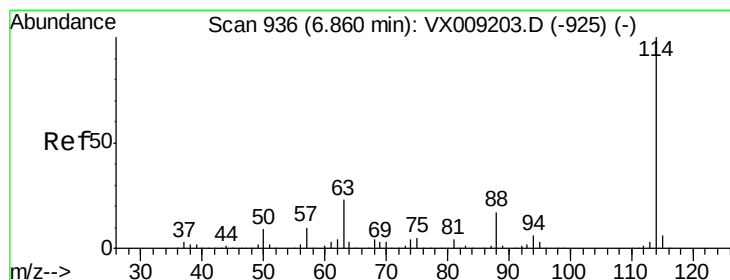
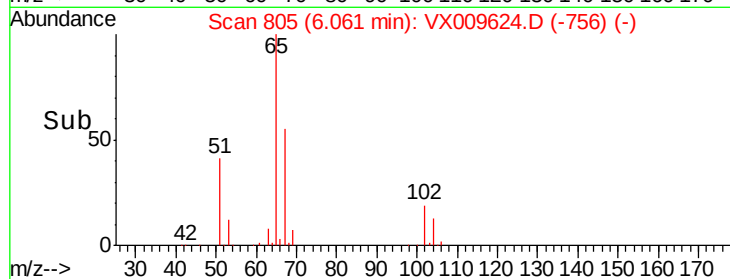
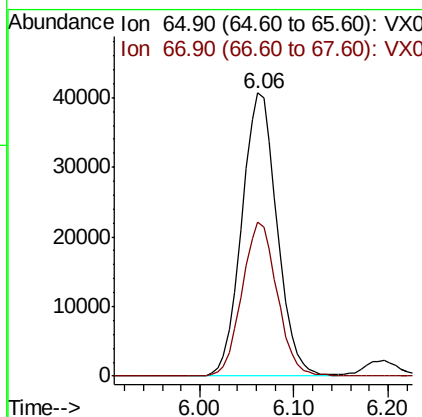
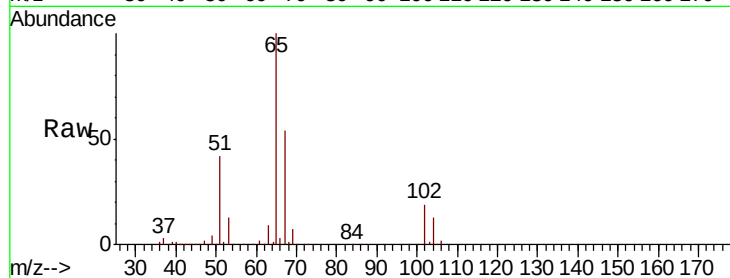




#33
 1,2-Dichloroethane-d4
 Concen: 49.271 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

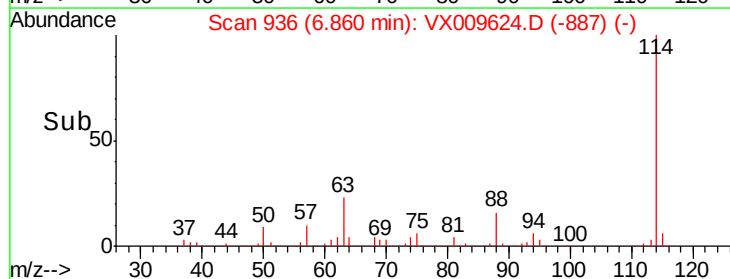
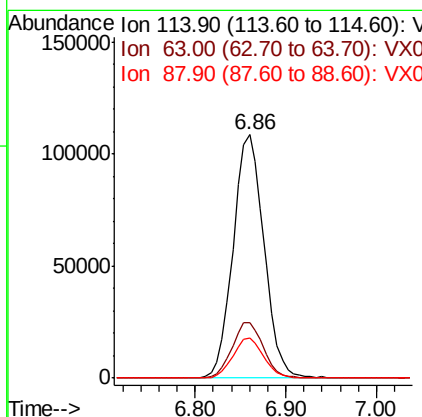
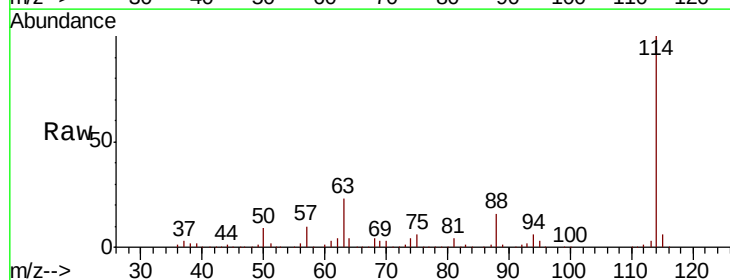
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

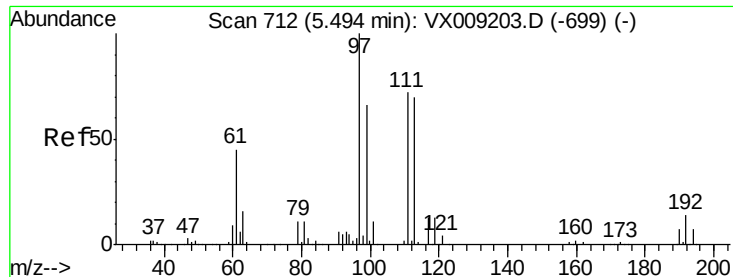
Tot Ion: 65 Resp: 106890
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 114 Resp: 256925
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.862 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

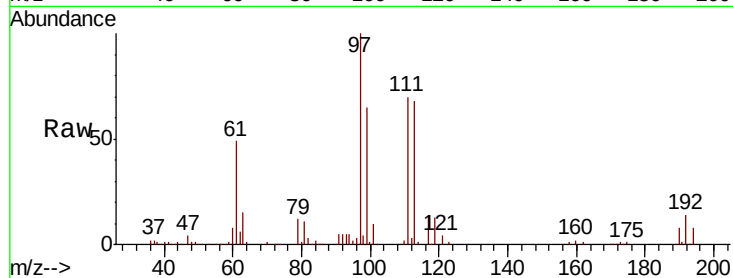
Tot Ion:113 Resp: 80533

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

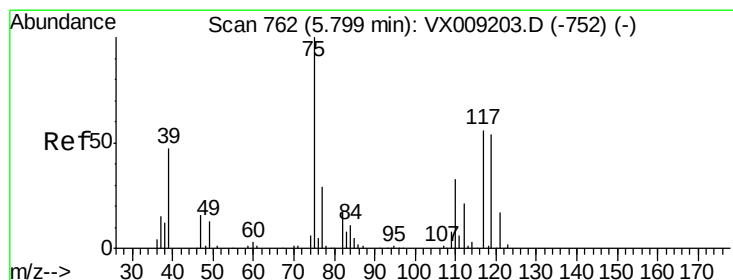
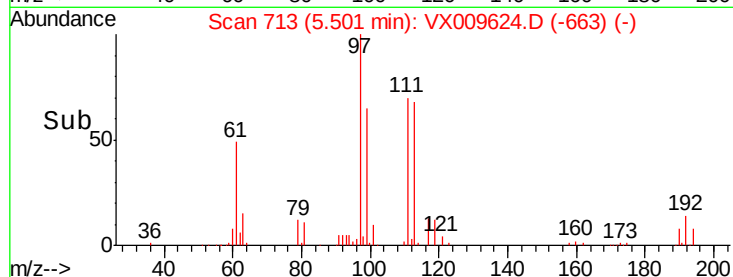
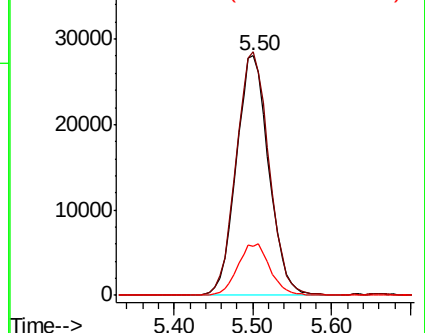
192 21.3 17.0 25.6



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: 48.604 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

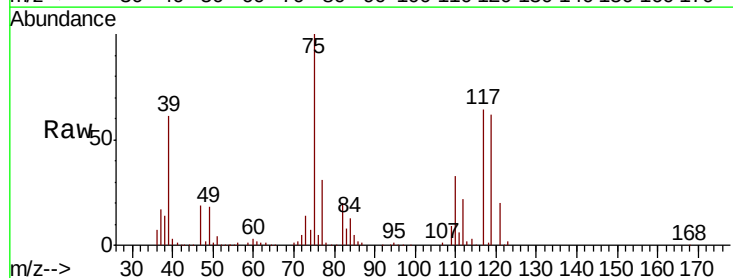
Tgt Ion: 75 Resp: 116048

Ion Ratio Lower Upper

75 100

110 33.4 16.9 50.6

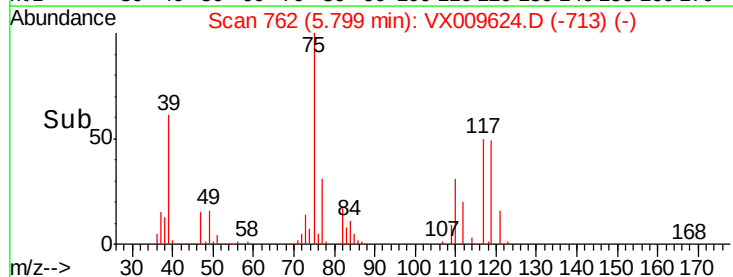
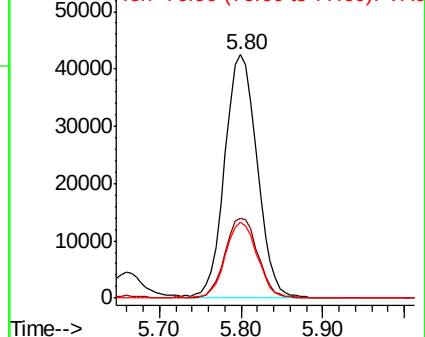
77 31.2 24.8 37.2

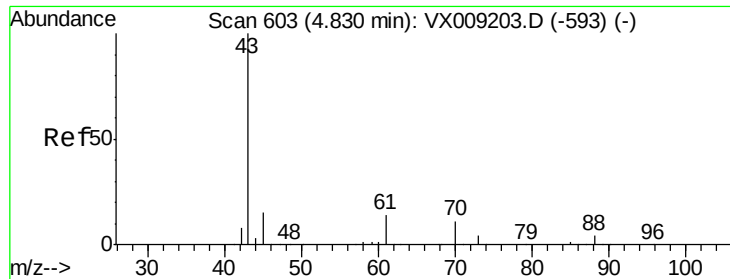


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.505 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

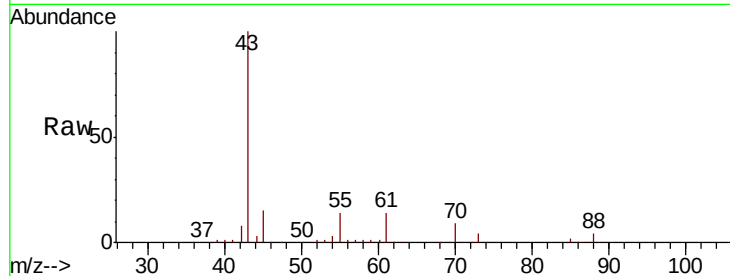
Tot Ion: 43 Resp: 181322

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

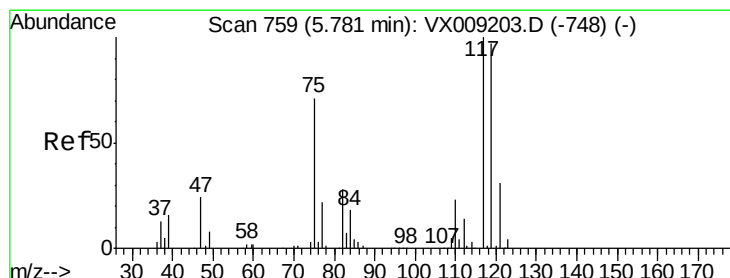
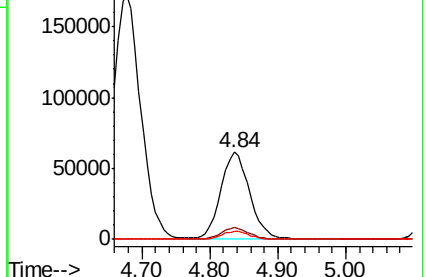
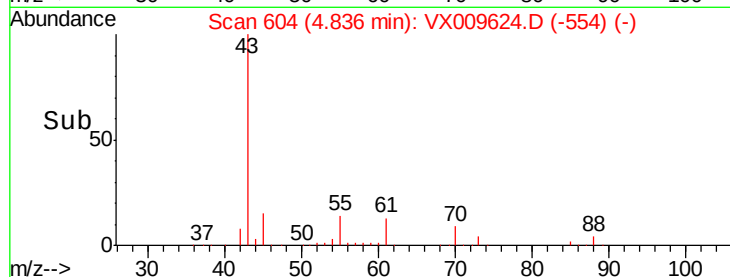
70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009624.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009624.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009624.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 49.620 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

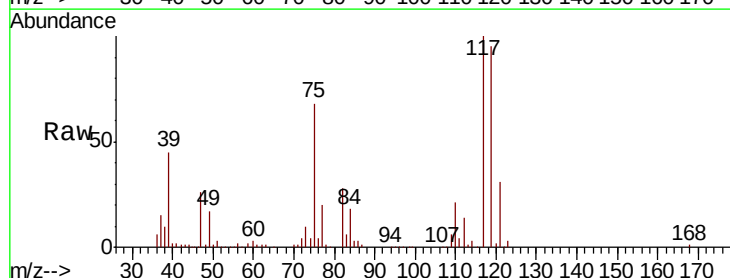
Tgt Ion: 117 Resp: 107641

Ion Ratio Lower Upper

117 100

119 95.2 77.5 116.3

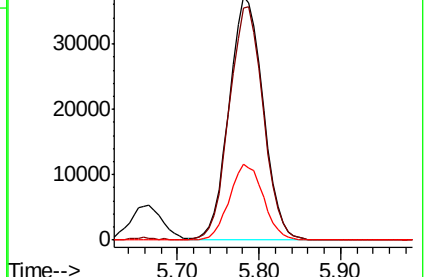
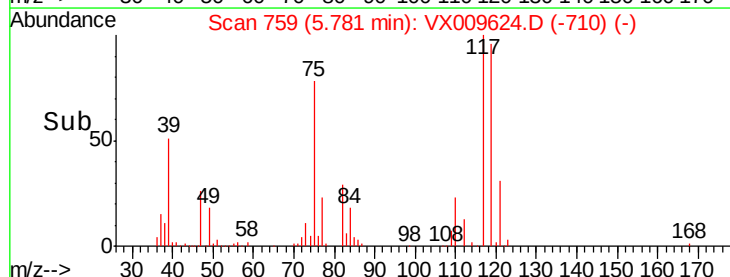
121 31.0 24.7 37.1

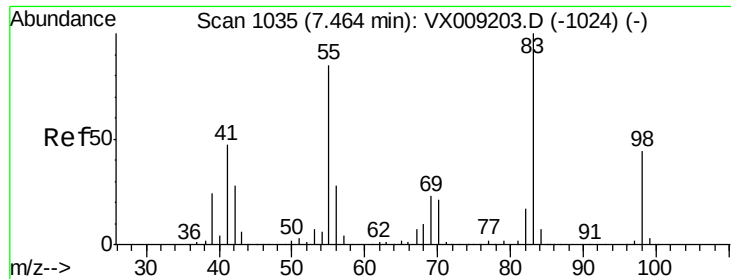


Abundance Ion 116.80 (116.50 to 117.50): VX009624.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009624.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009624.D (-710) (-)

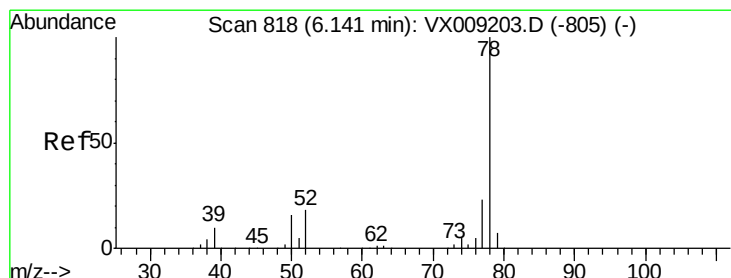
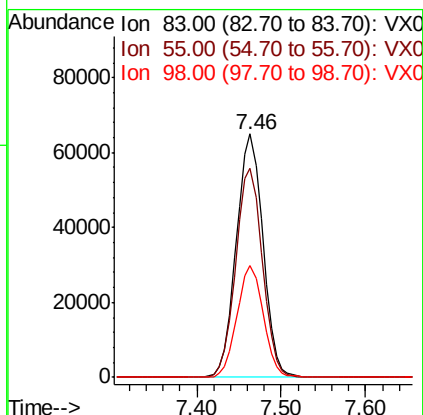
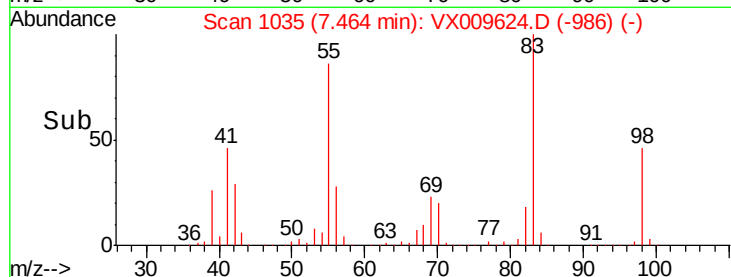
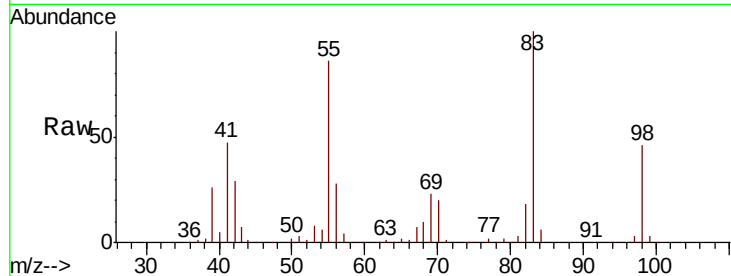




#39
Methylvlcyclohexane
Concen: 47.131 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

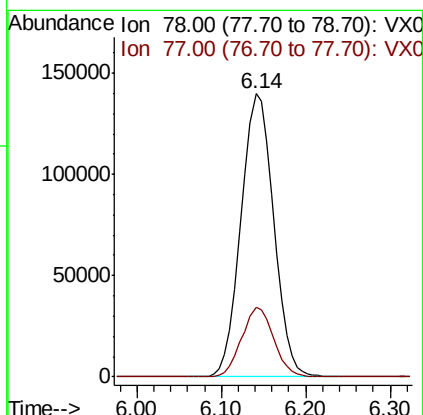
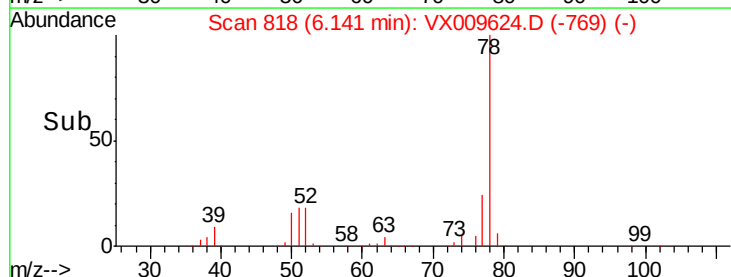
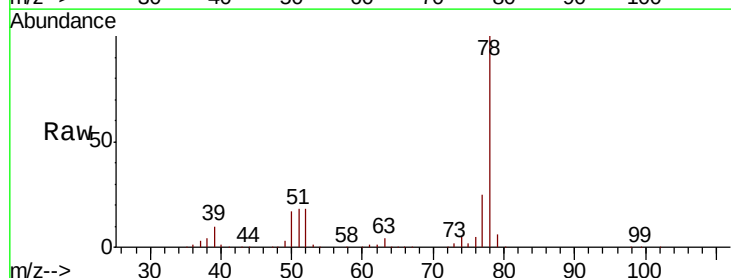
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

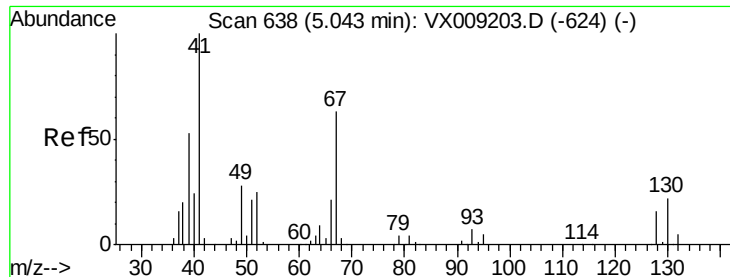
Tot Ion: 83 Resp: 138201
Ion Ratio Lower Upper
83 100
55 85.8 67.7 101.5
98 46.0 35.5 53.3



#40
Benzene
Concen: 49.744 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 78 Resp: 367576
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2





#41

Methacrylonitrile

Concen: 51.899 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 102774

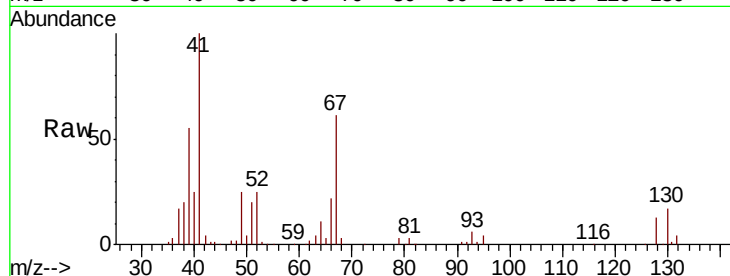
Ion Ratio Lower Upper

41 100

39 53.1 42.0 63.0

67 61.8 49.8 74.8

52 26.6 20.3 30.5

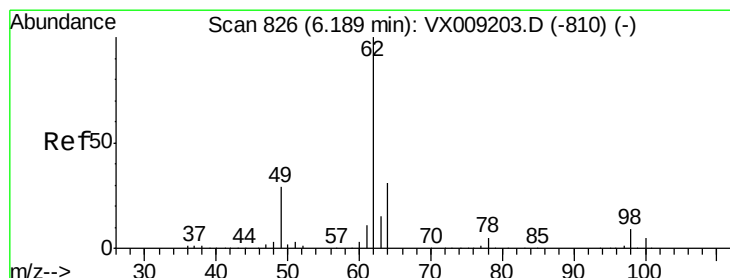
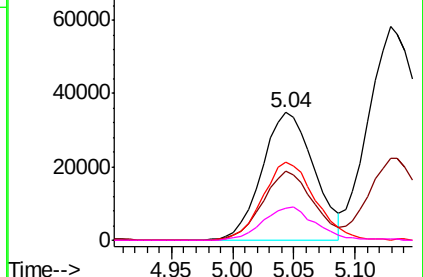
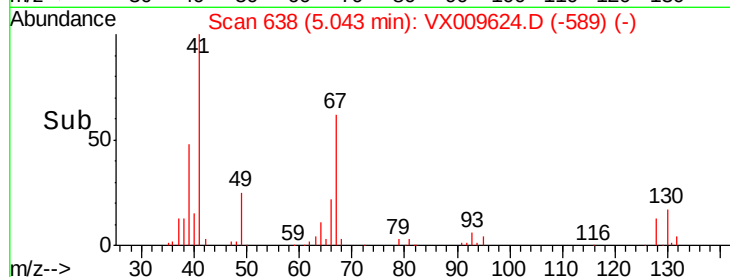


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.650 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009624.D

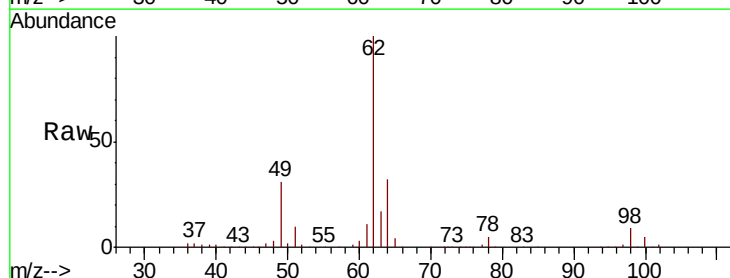
Acq: 16 May 2019 22:12

Tgt Ion: 62 Resp: 134257

Ion Ratio Lower Upper

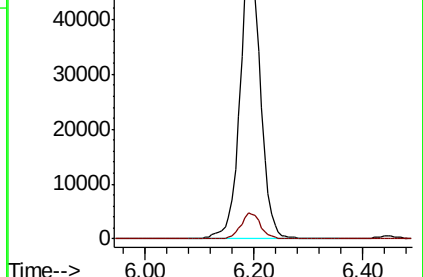
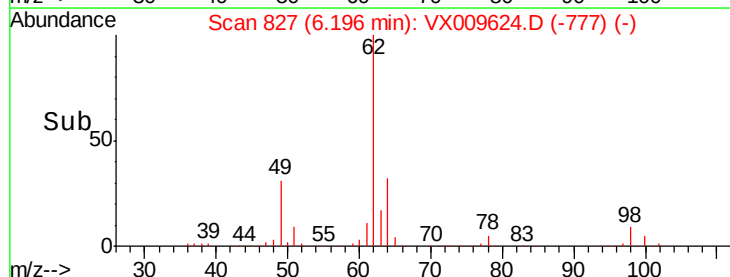
62 100

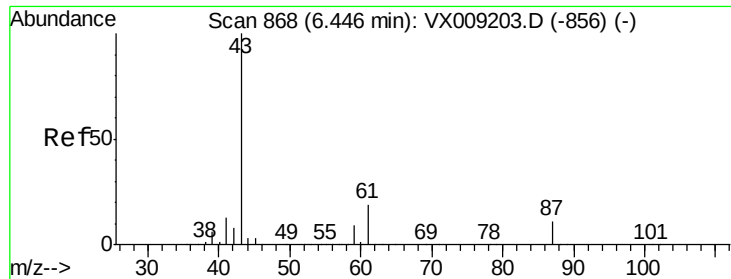
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.554 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

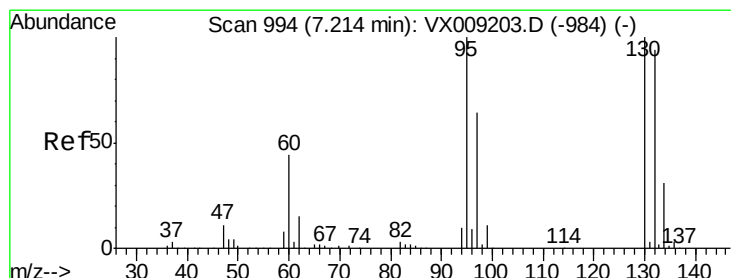
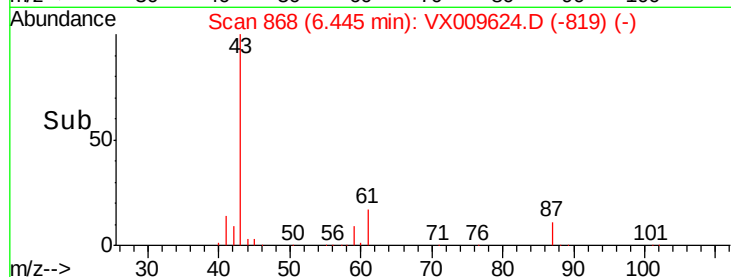
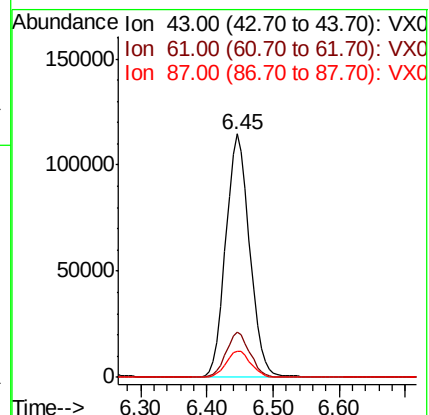
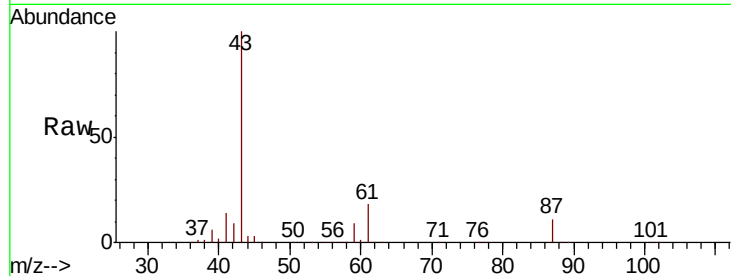
Tot Ion: 43 Resp: 284970

Ion Ratio Lower Upper

43 100

61 18.6 15.1 22.7

87 11.3 9.0 13.6



#44

Trichloroethene

Concen: 49.101 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009624.D

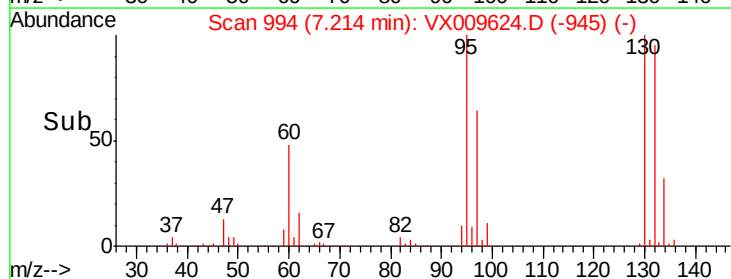
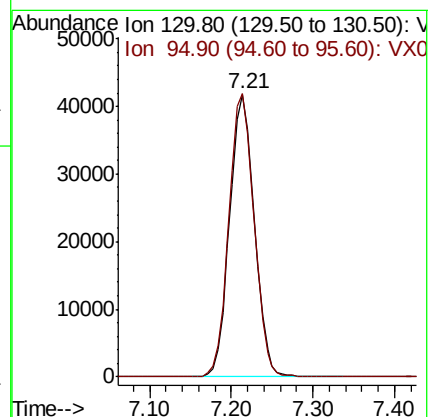
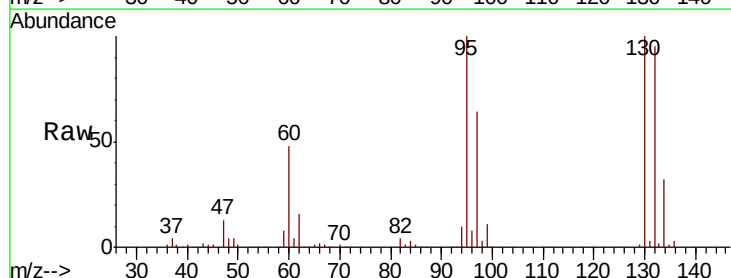
Acq: 16 May 2019 22:12

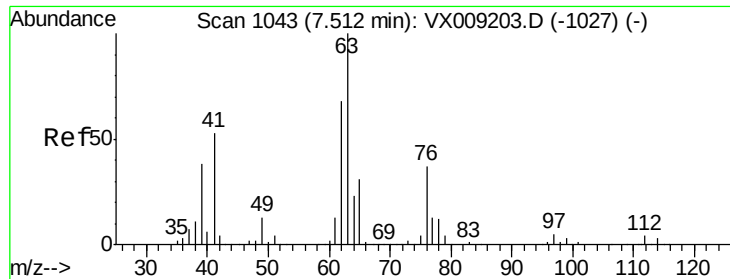
Tgt Ion:130 Resp: 87714

Ion Ratio Lower Upper

130 100

95 100.3 0.0 199.2

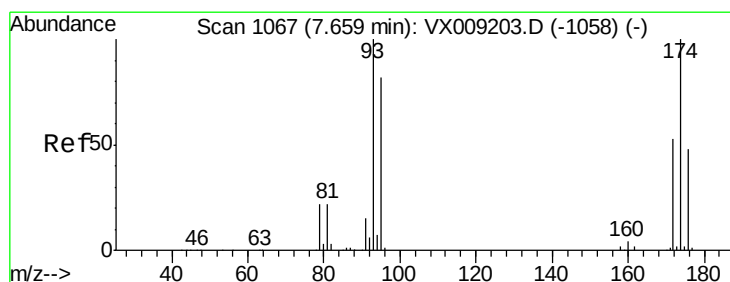
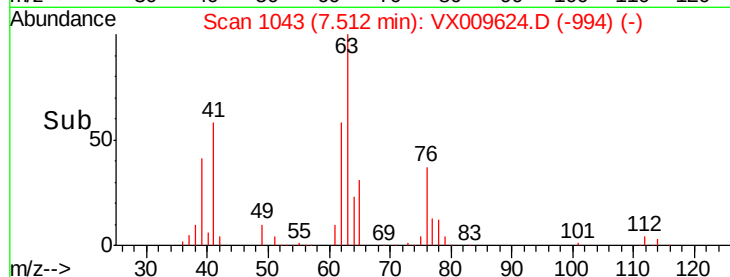
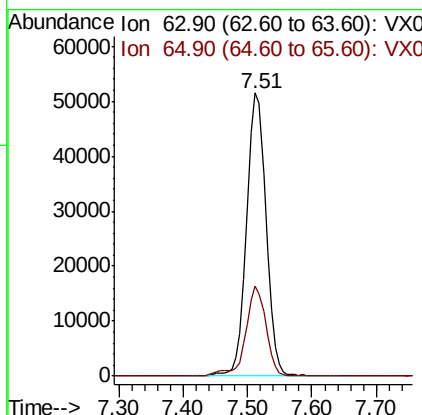
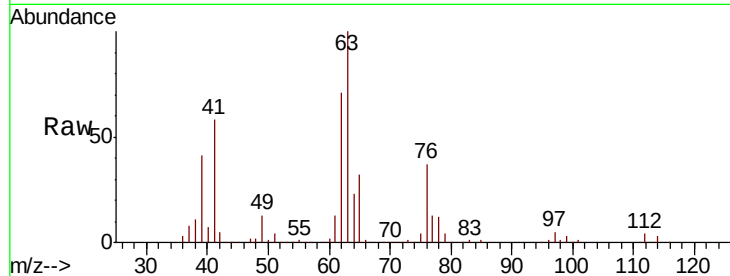




#45
 1,2-Dichloropropane
 Concen: 50.907 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

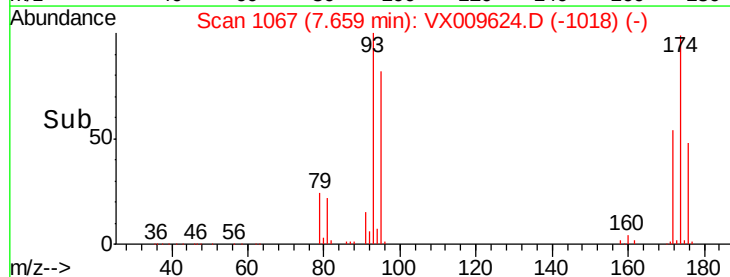
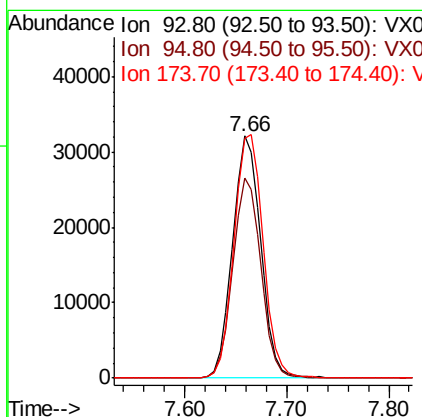
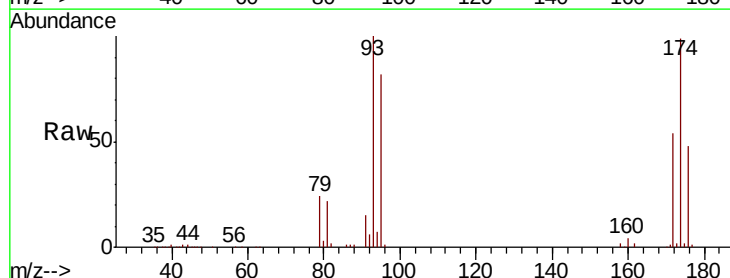
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

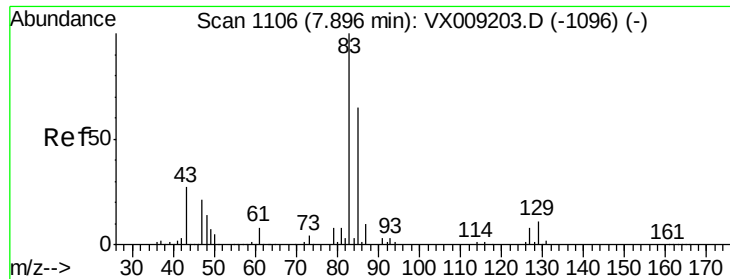
Tot Ion: 63 Resp: 106516
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 50.401 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 93 Resp: 61239
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.5 99.7
 174 104.3 82.1 123.1





#47

Bromodichloromethane

Concen: 51.466 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

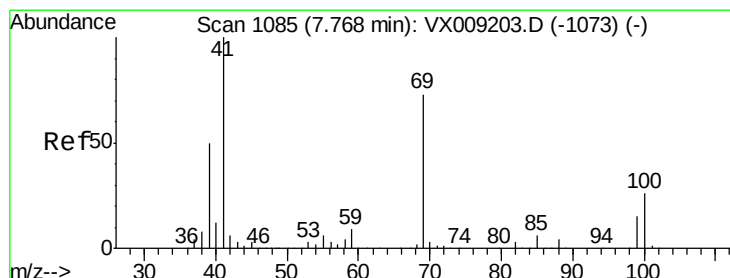
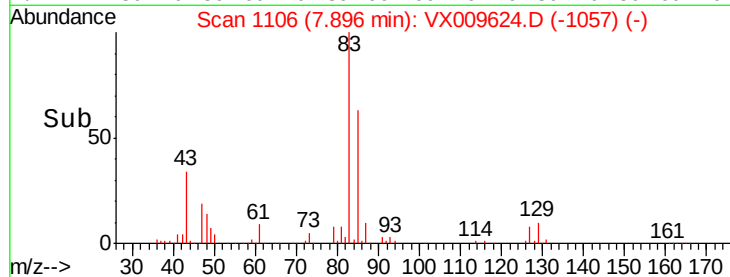
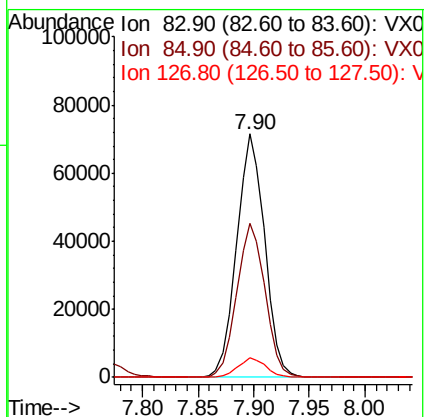
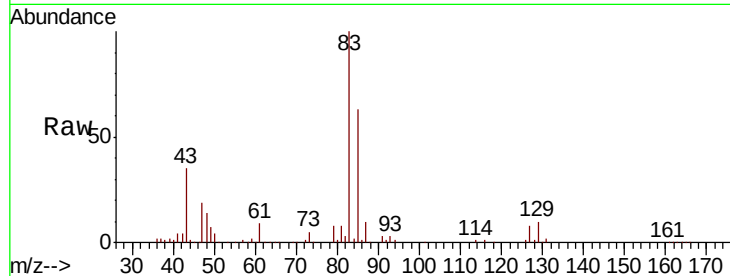
Tot Ion: 83 Resp: 124738

Ion Ratio Lower Upper

83 100

85 63.0 52.4 78.6

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 55.135 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

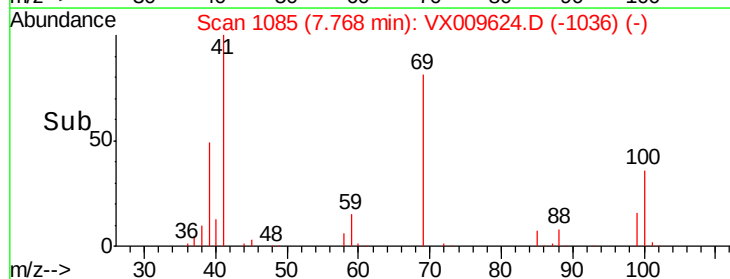
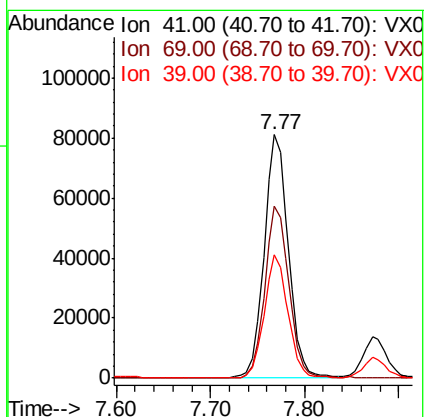
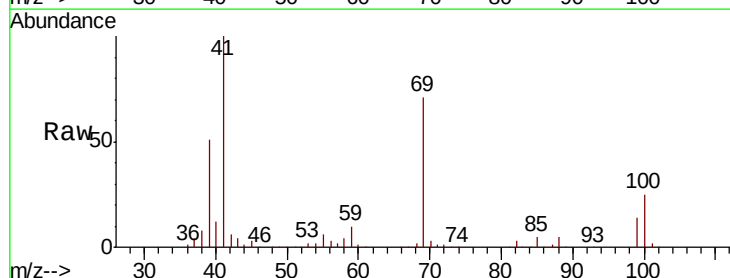
Tgt Ion: 41 Resp: 145556

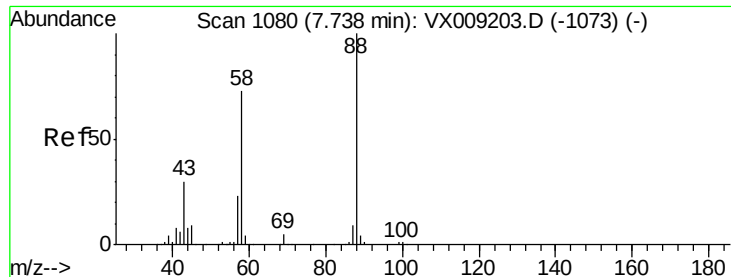
Ion Ratio Lower Upper

41 100

69 71.3 59.1 88.7

39 50.0 40.4 60.6

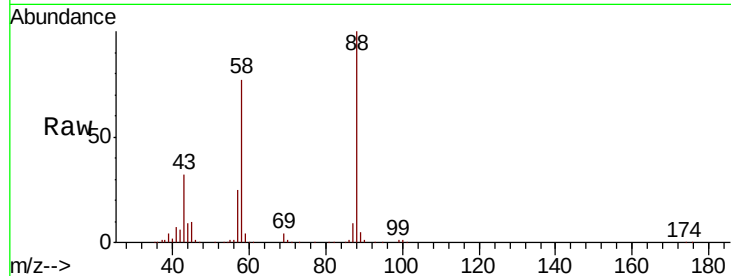




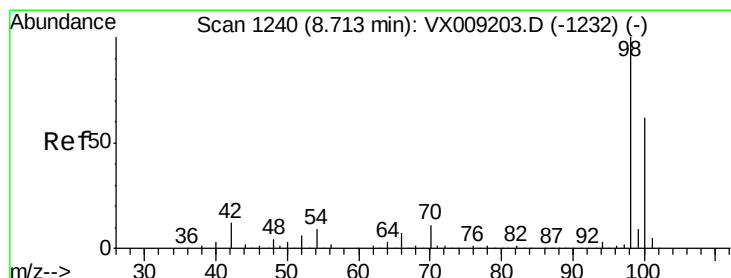
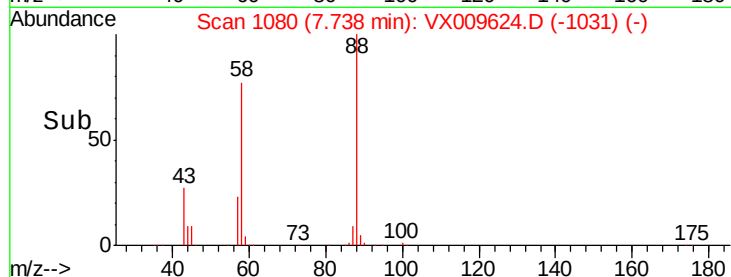
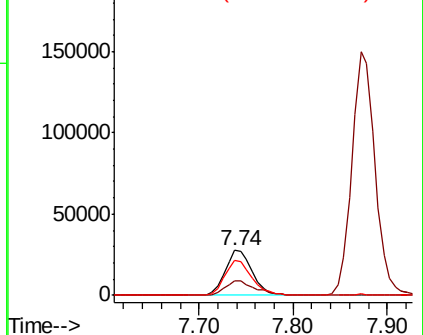
#49
1,4-Dioxane
Concen: 1022.535 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 54745
Ion Ratio Lower Upper
88 100
43 35.8 28.6 42.8
58 78.8 61.7 92.5

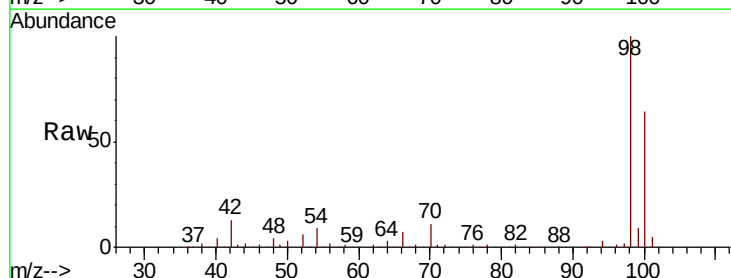


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

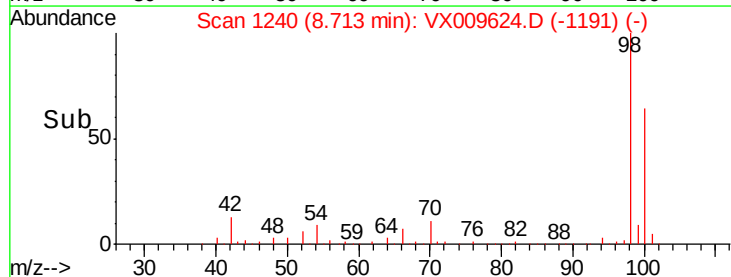
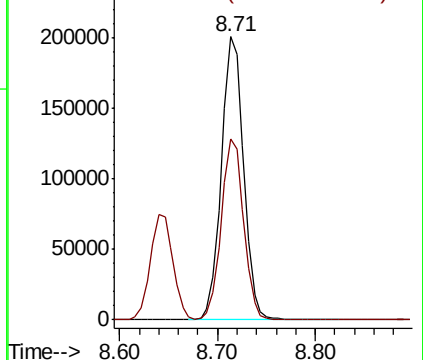


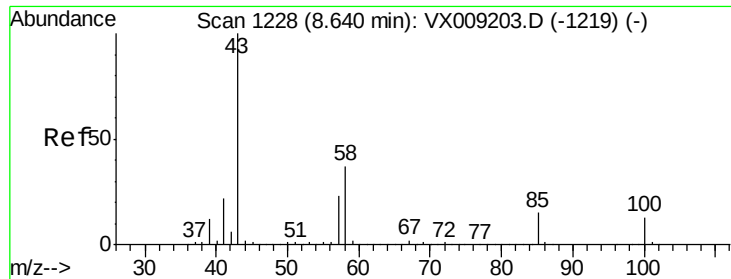
#50
Toluene-d8
Concen: 48.585 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 98 Resp: 316809
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 282.251 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

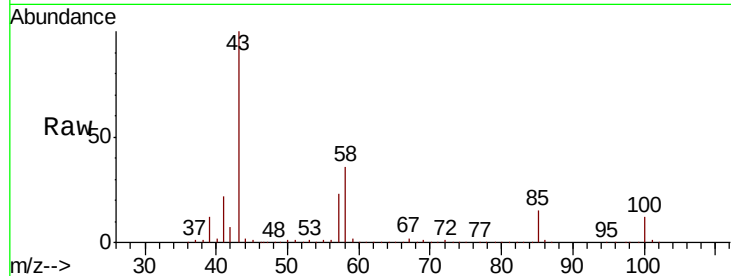
VSTDCCC050

Tot Ion: 43 Resp: 981684

Ion Ratio Lower Upper

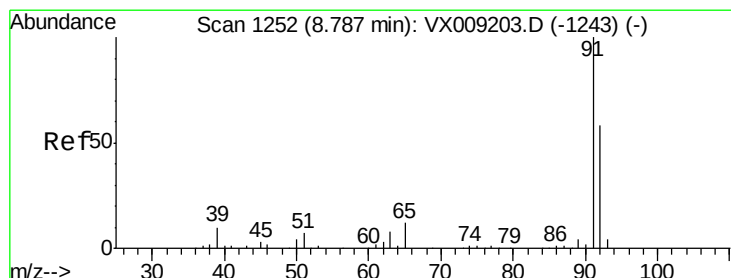
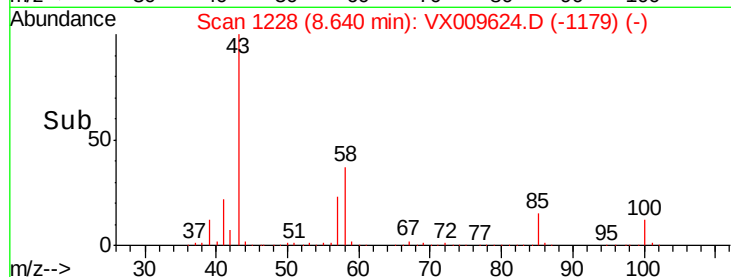
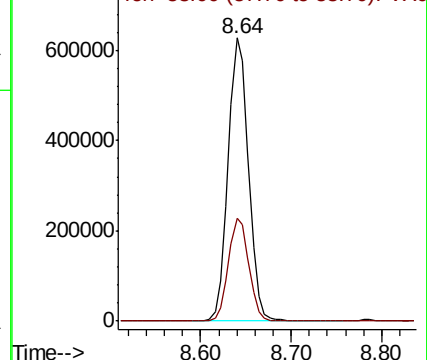
43 100

58 36.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.851 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009624.D

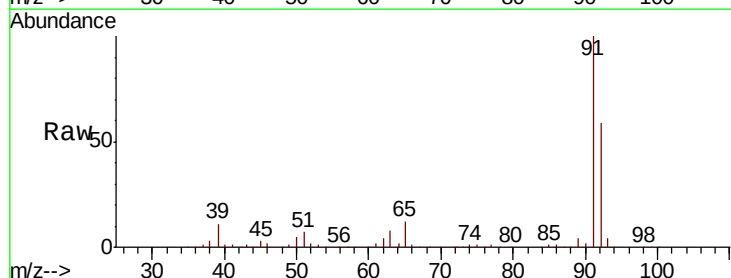
Acq: 16 May 2019 22:12

Tgt Ion: 92 Resp: 228413

Ion Ratio Lower Upper

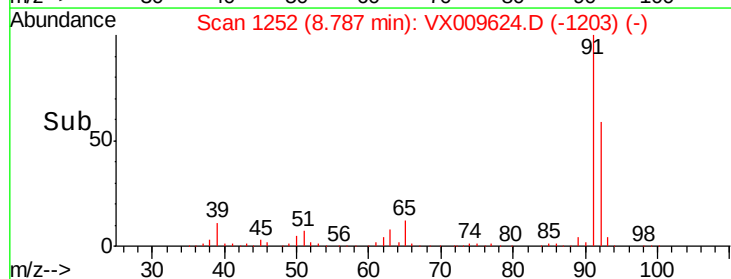
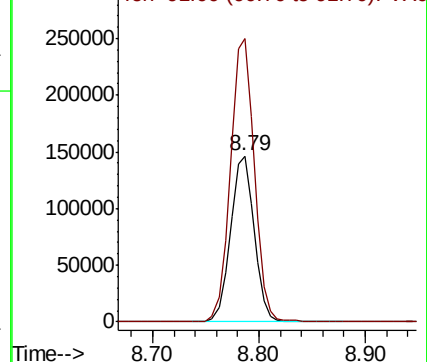
92 100

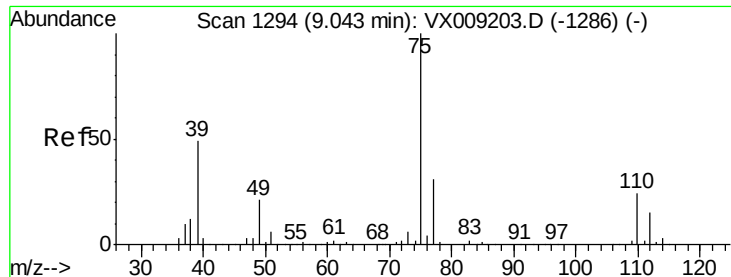
91 172.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

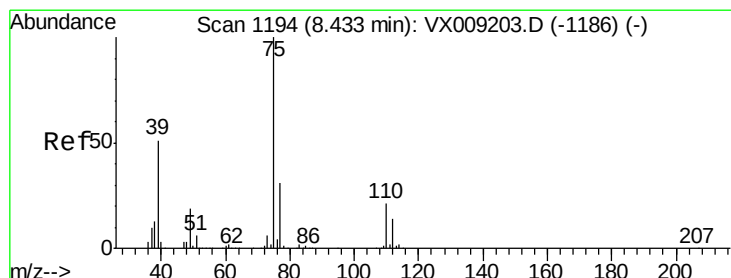
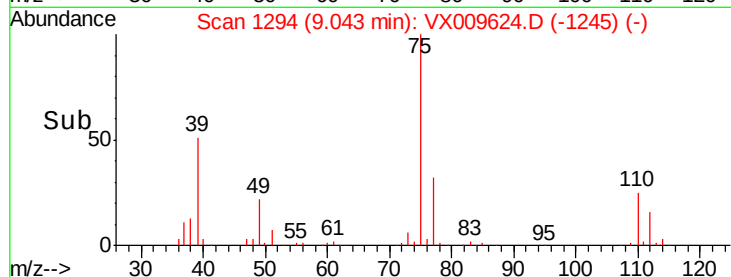
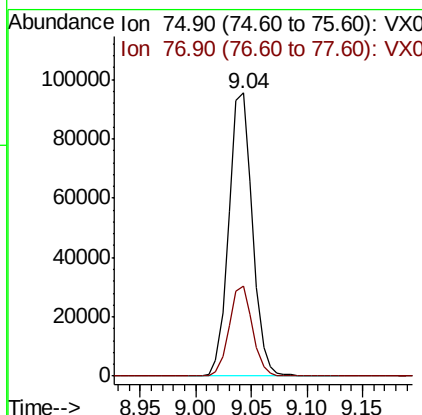
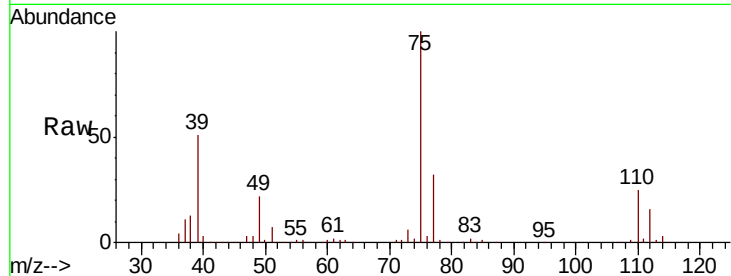




#53
 t-1,3-Dichloropropene
 Concen: 51.209 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

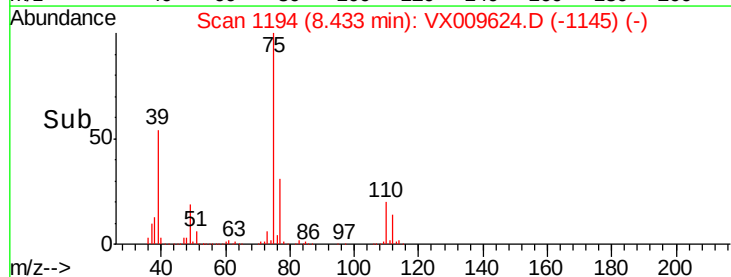
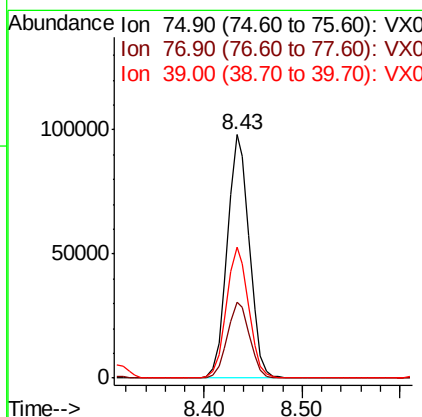
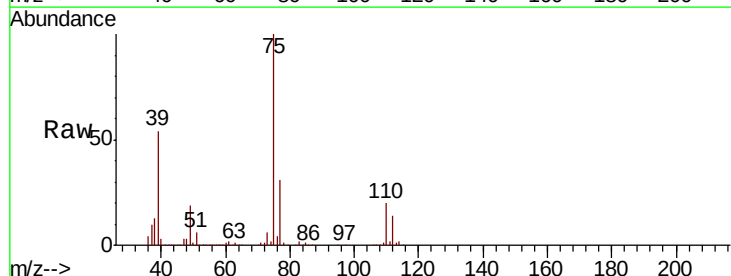
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

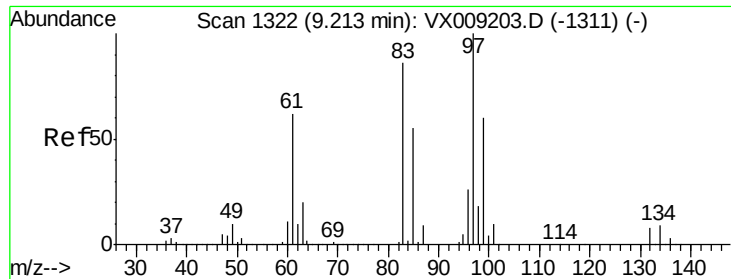
Tot Ion: 75 Resp: 140127
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.538 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 75 Resp: 153069
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 53.8 40.6 60.8

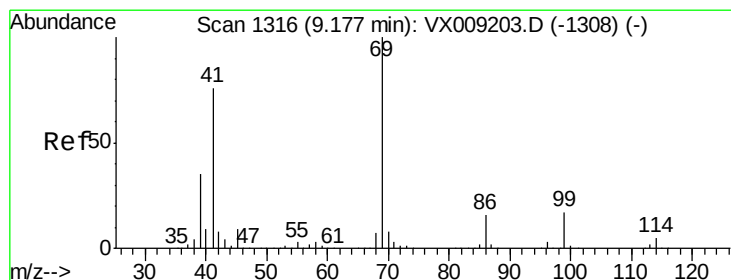
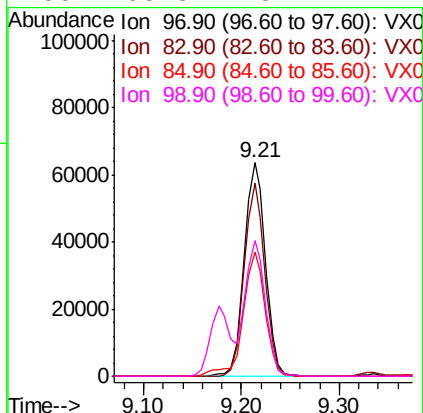
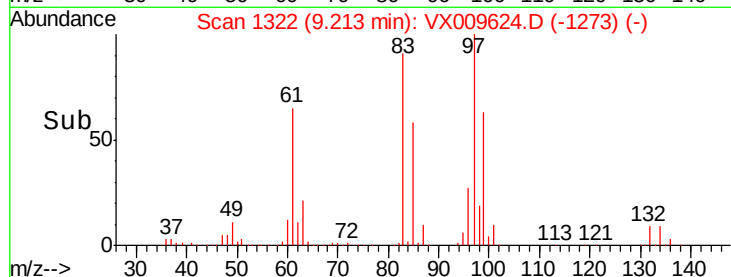
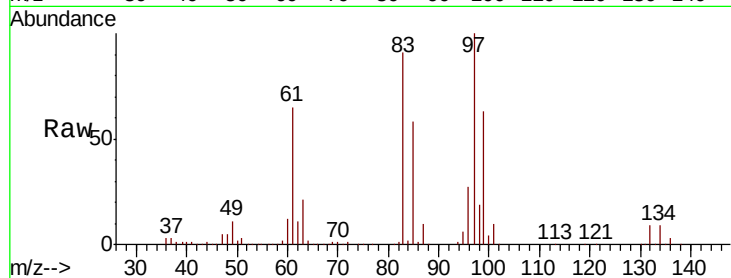




#55
 1,1,2-Trichloroethane
 Concen: 52.001 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

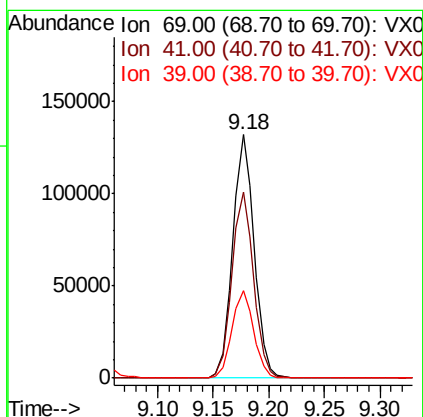
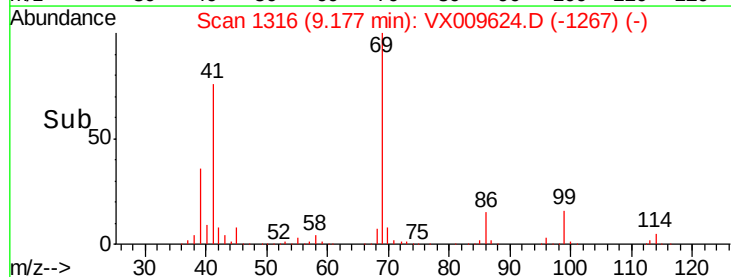
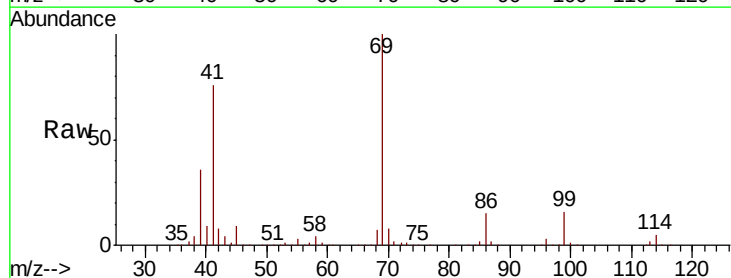
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

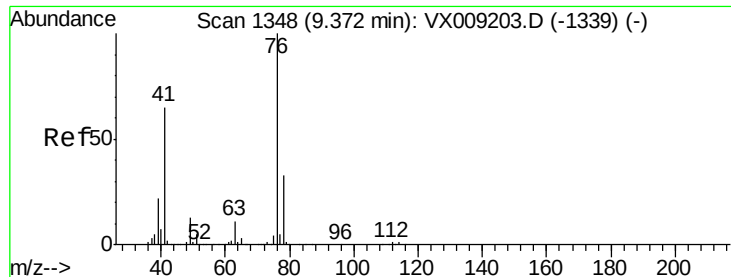
Tot Ion:	97	Resp:	95293
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.9	103.3
85	58.2	43.8	65.6
99	63.3	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 53.928 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion:	69	Resp:	176407
Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.6	90.8
39	36.5	28.2	42.4

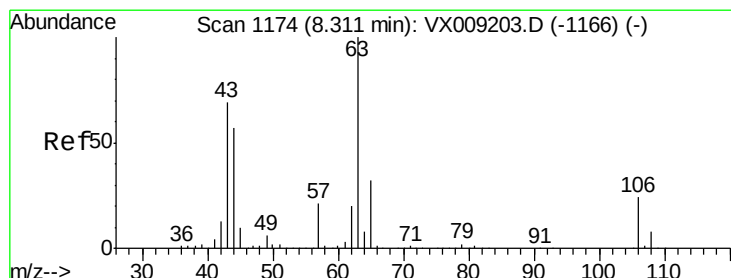
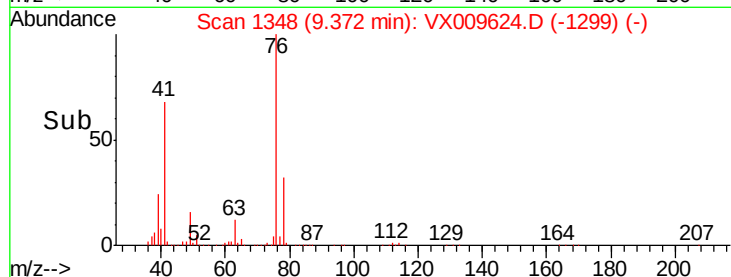
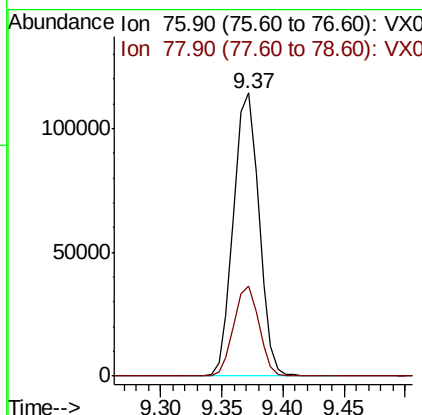
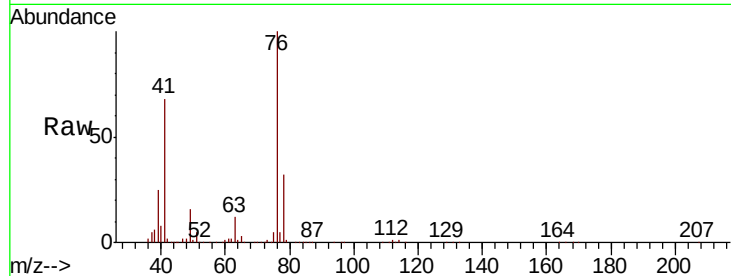




#57
 1,3-Dichloropropane
 Concen: 51.395 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

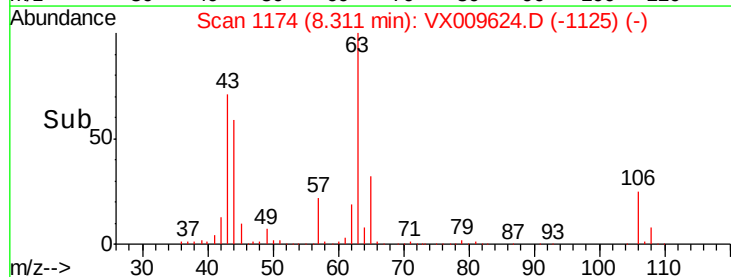
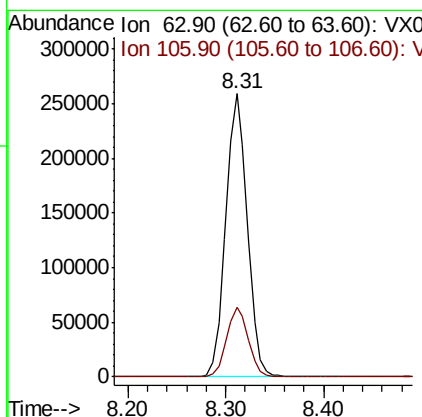
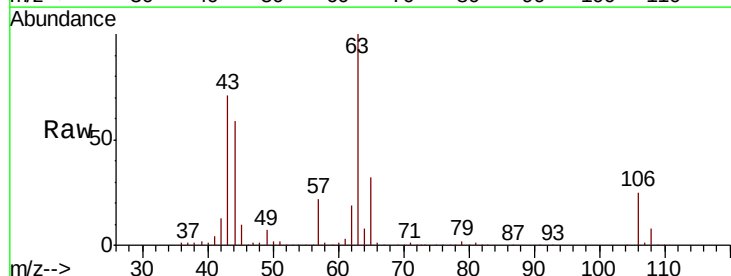
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

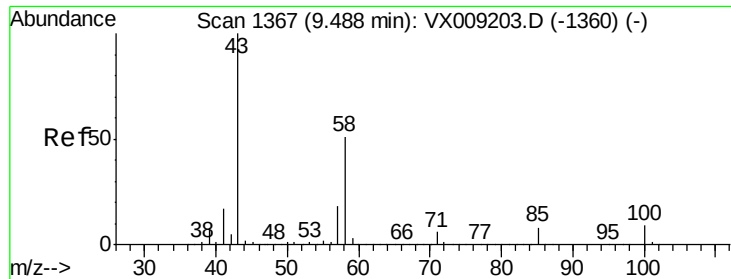
Tot Ion: 76 Resp: 165738
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.561 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 63 Resp: 394894
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

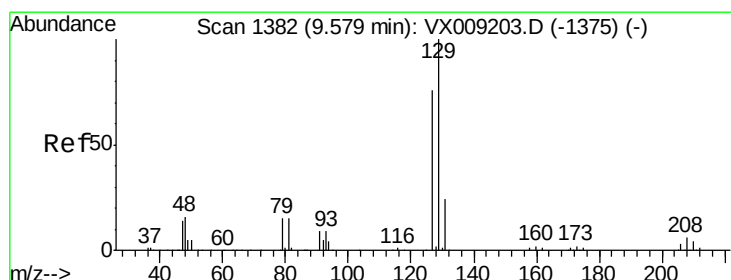
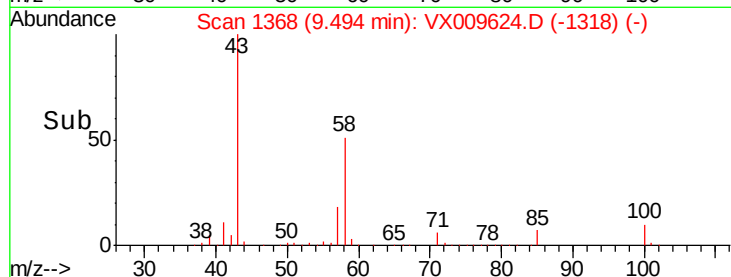
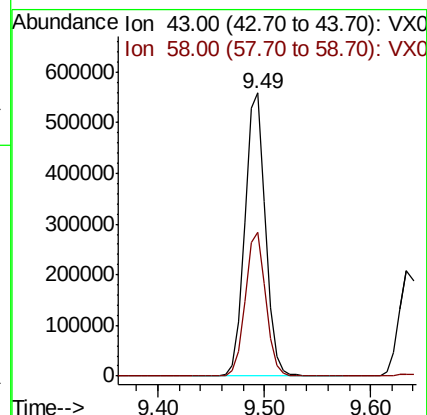
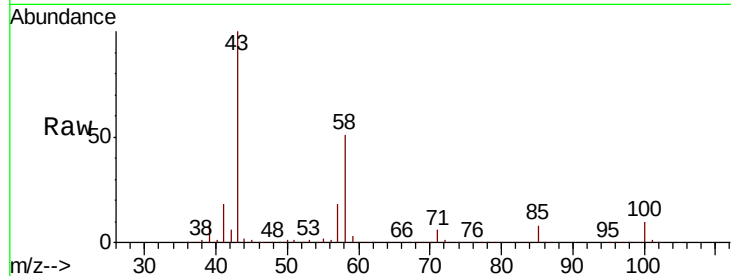




#59
2-Hexanone
Concen: 275.989 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

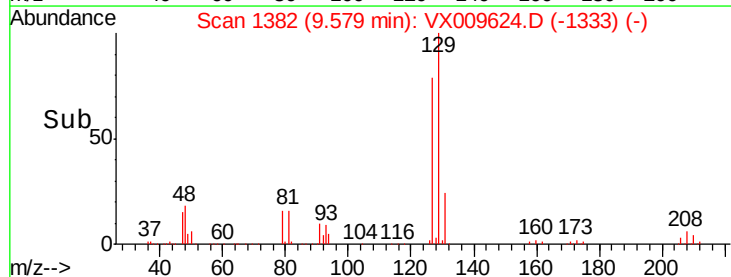
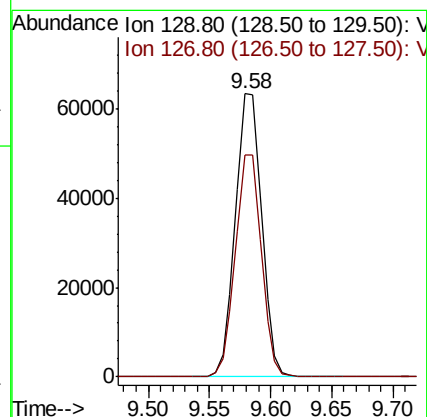
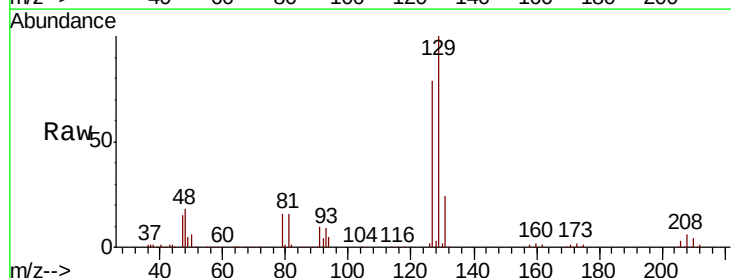
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

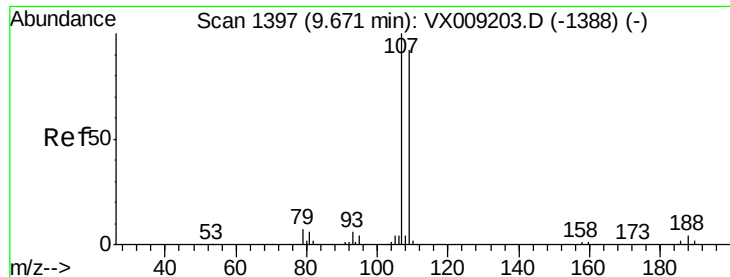
Tot Ion: 43 Resp: 753898
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7



#60
Dibromochloromethane
Concen: 52.539 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 129 Resp: 94034
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.039 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

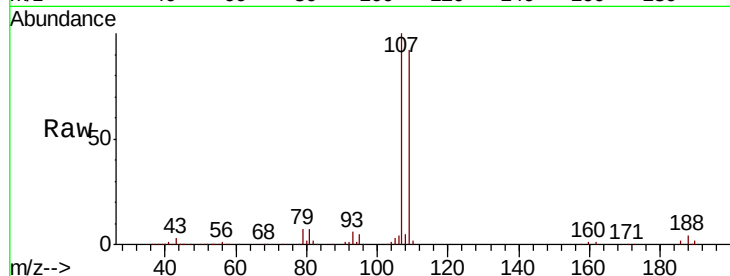
VSTDCCC050

Tot Ion:107 Resp: 96261

Ion Ratio Lower Upper

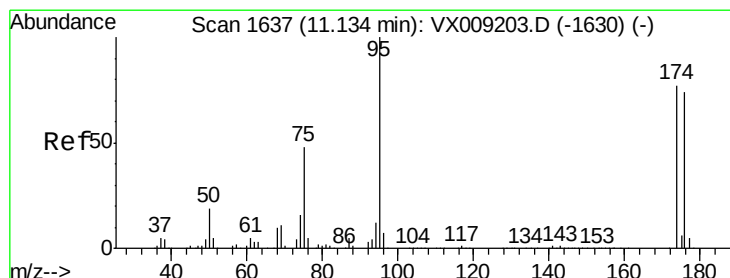
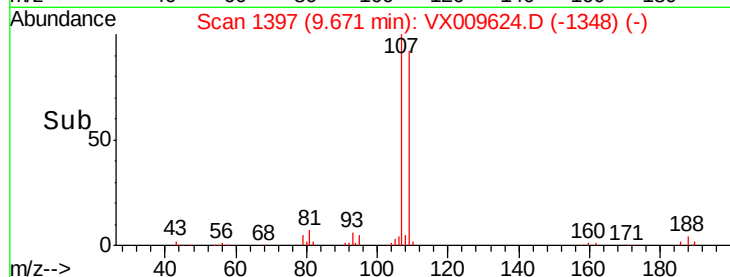
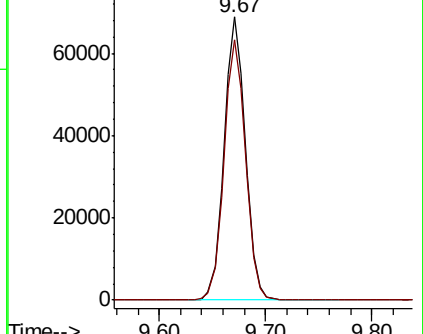
107 100

109 93.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

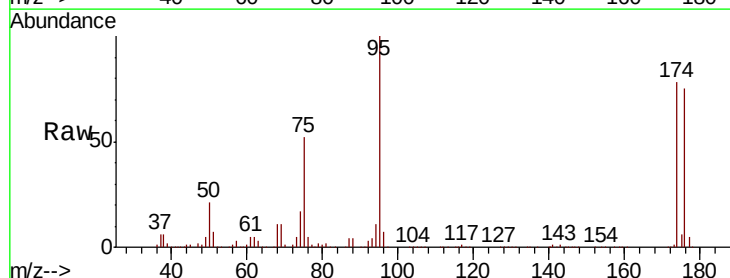
Tgt Ion: 95 Resp: 119658

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

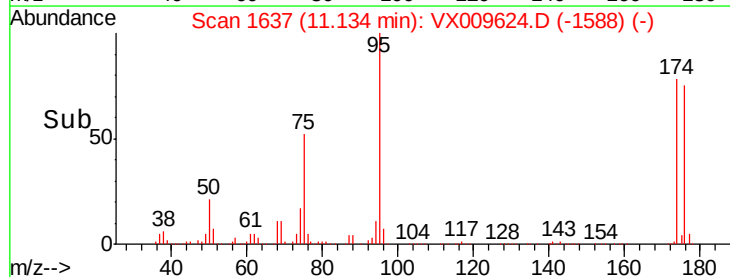
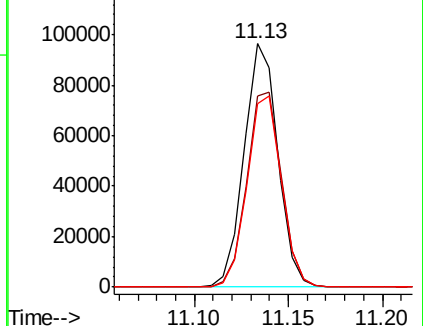
176 80.3 0.0 159.2

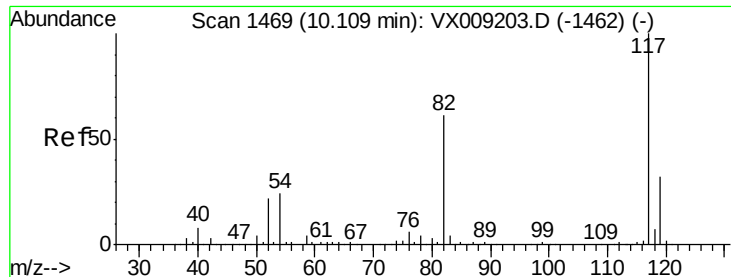


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

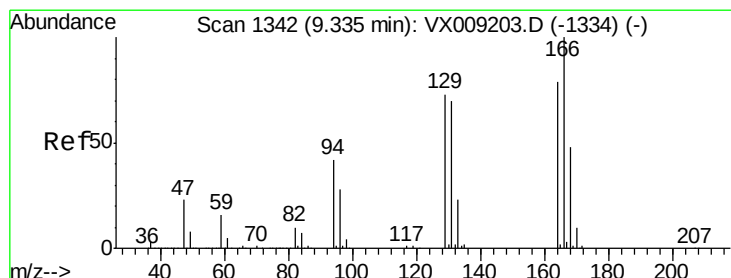
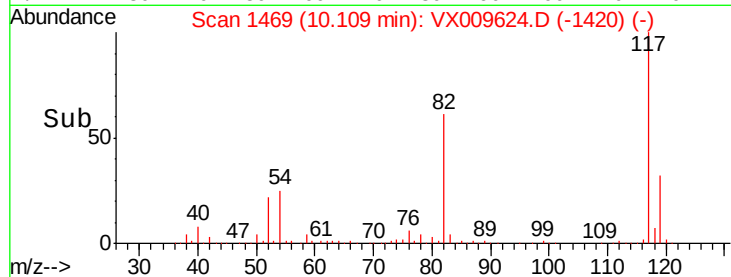
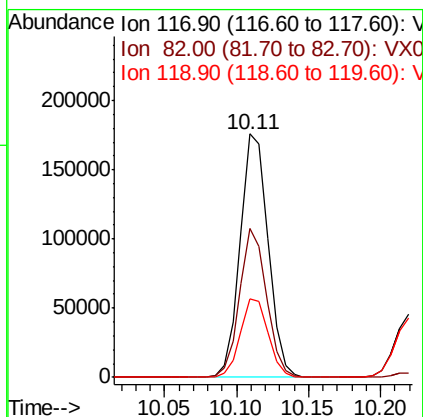
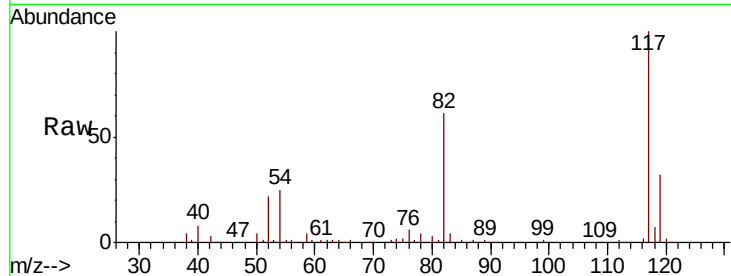




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

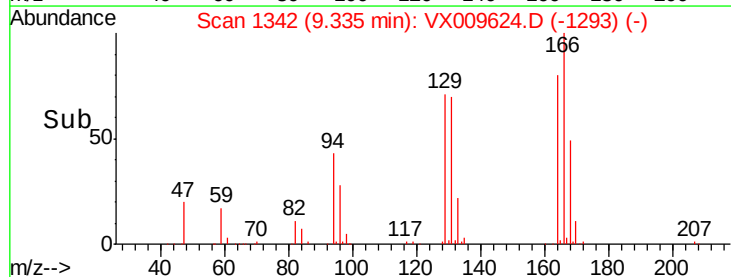
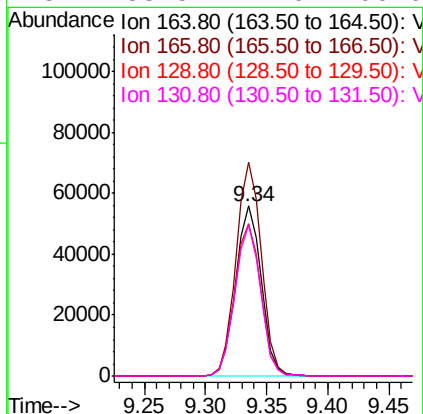
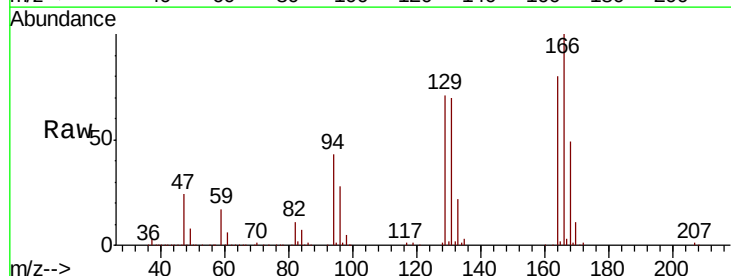
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

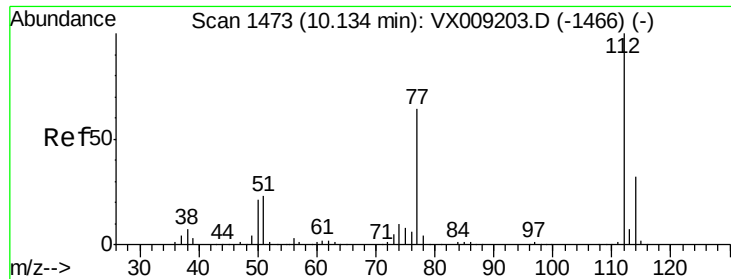
Tot Ion:117 Resp: 237792
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 49.291 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion:164 Resp: 80401
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 89.3 74.3 111.5
131 88.5 71.0 106.6





#65

Chlorobenzene

Concen: 50.070 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

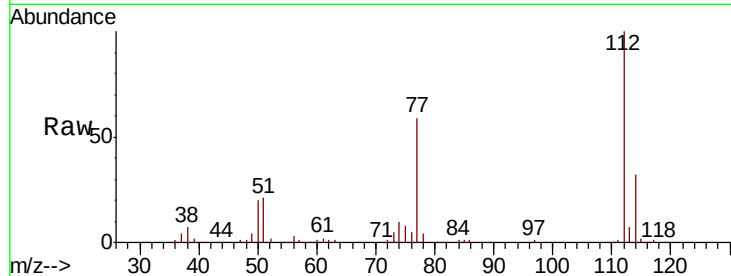
VSTDCCC050

Tot Ion:112 Resp: 238179

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

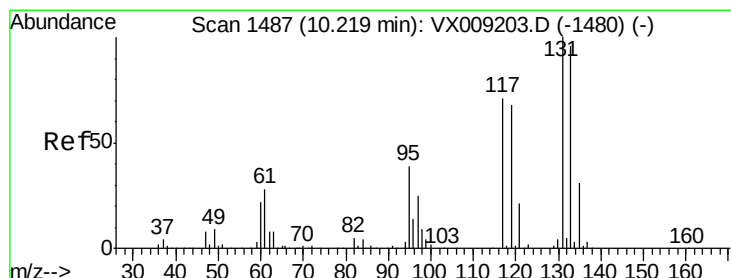
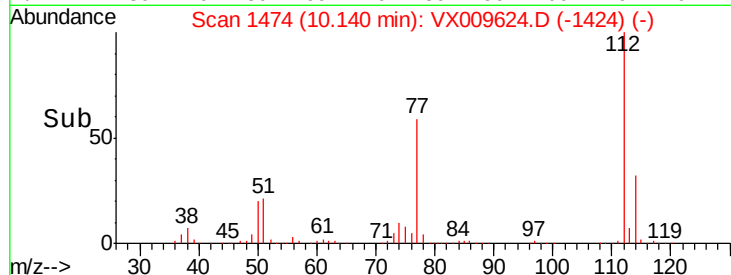
0

10.14

10.20

10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.421 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

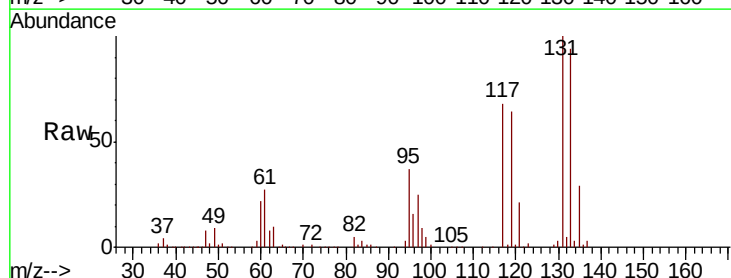
Tgt Ion:131 Resp: 88679

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

119 65.7 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

40000

20000

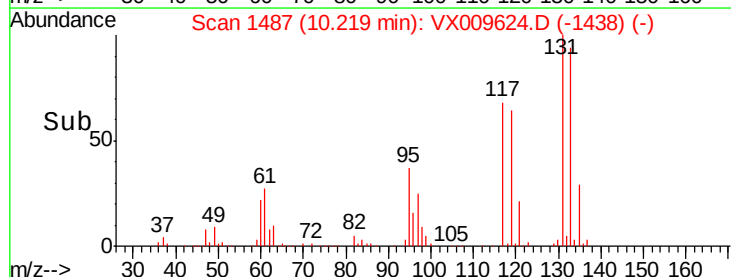
0

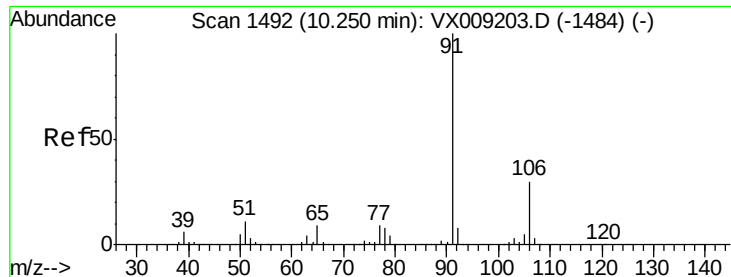
10.22

10.20

10.30

Time-->





#67

Ethyl Benzene

Concen: 50.202 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampled :

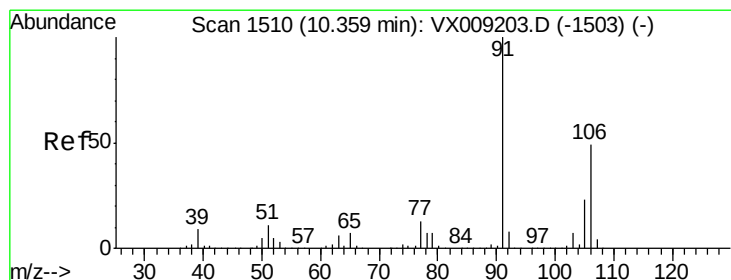
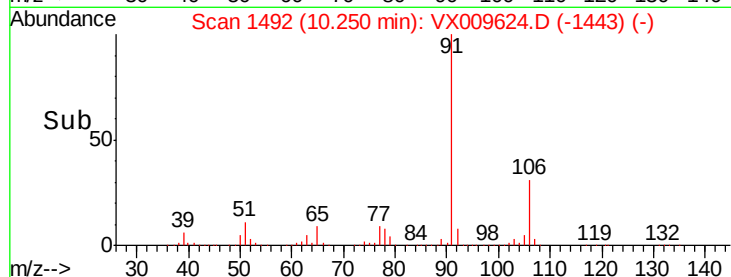
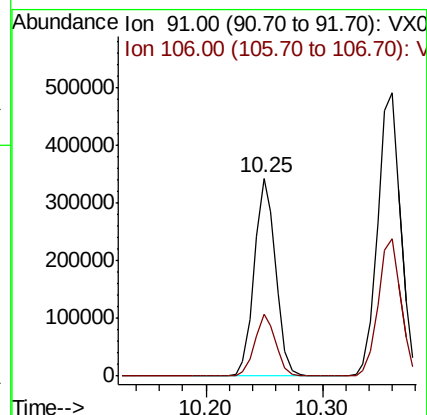
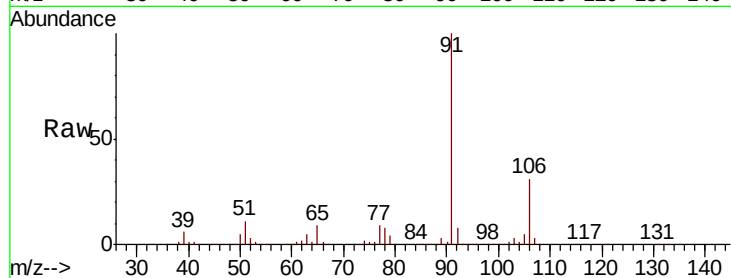
VSTDCCC050

Tot Ion: 91 Resp: 439493

Ion Ratio Lower Upper

91 100

106 30.9 24.0 36.0



#68

m/p-Xylenes

Concen: 100.804 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009624.D

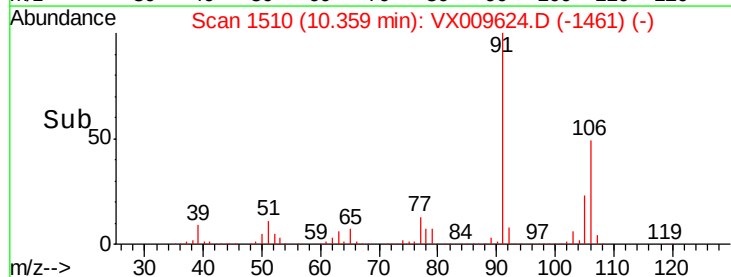
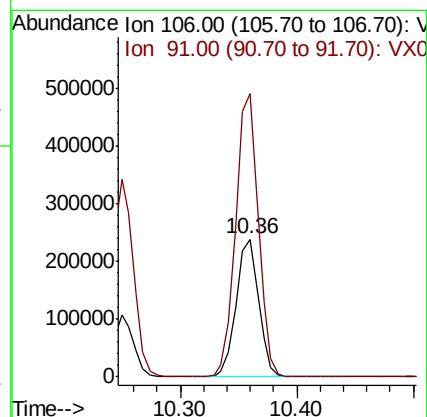
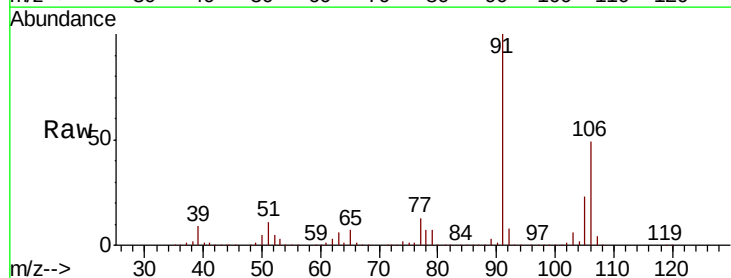
Acq: 16 May 2019 22:12

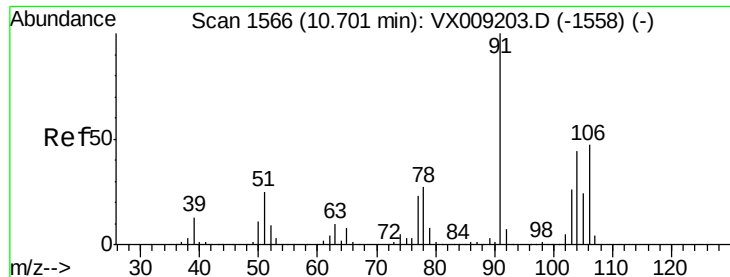
Tgt Ion: 106 Resp: 322489

Ion Ratio Lower Upper

106 100

91 208.0 164.0 246.0

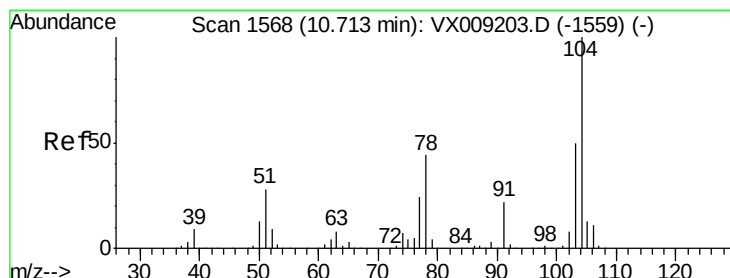
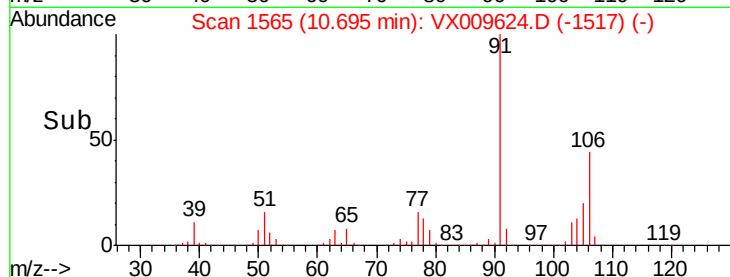
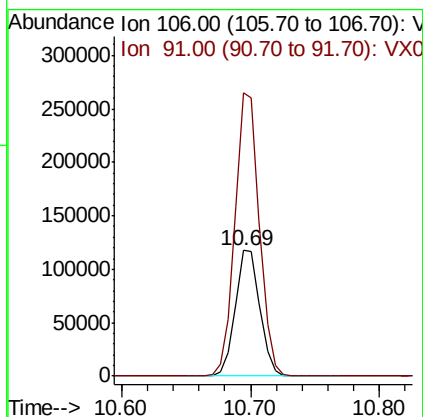
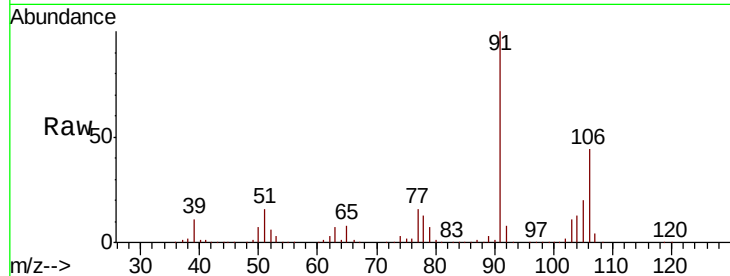




#69
o-Xylene
Concen: 49.683 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

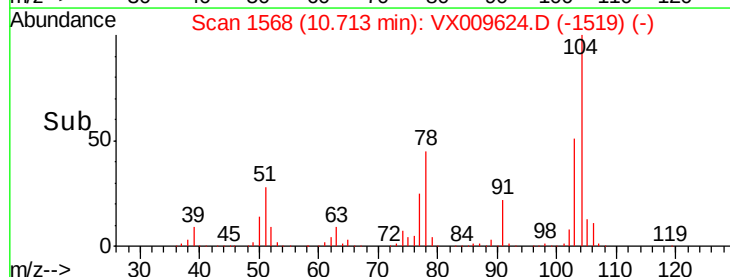
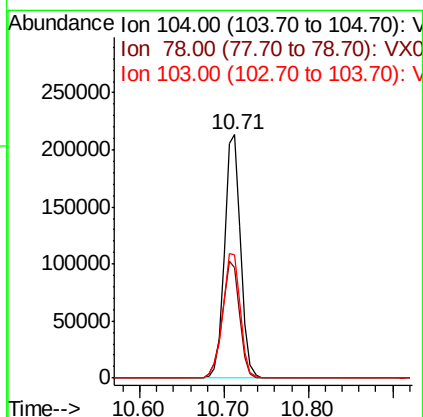
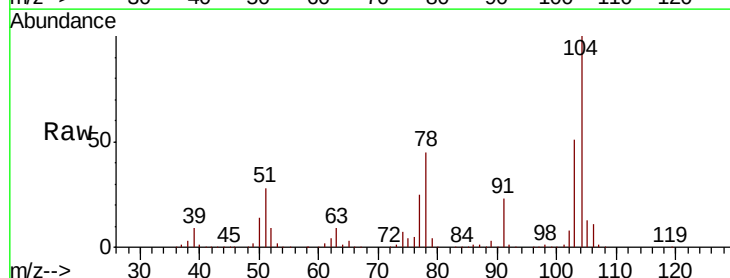
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

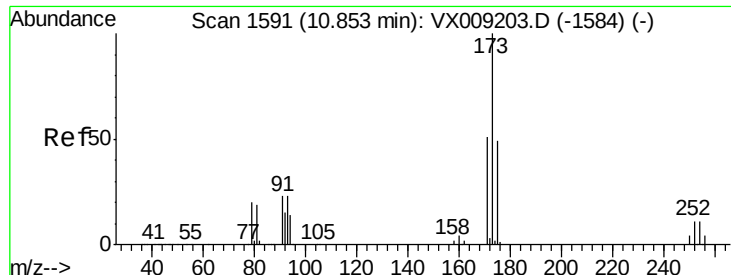
Tot Ion:106 Resp: 156822
Ion Ratio Lower Upper
106 100
91 222.9 109.5 328.4



#70
Styrene
Concen: 51.321 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion:104 Resp: 281556
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.4
103 55.9 43.8 65.6





#71

Bromoform

Concen: 52.950 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

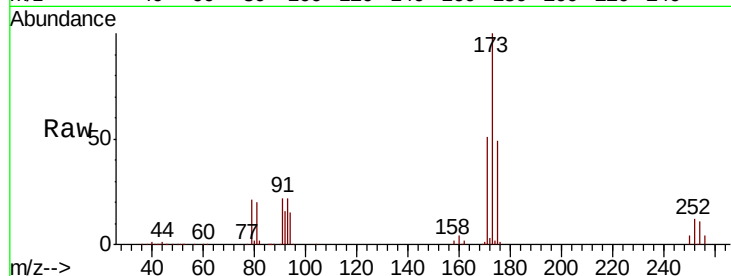
Tot Ion:173 Resp: 74209

Ion Ratio Lower Upper

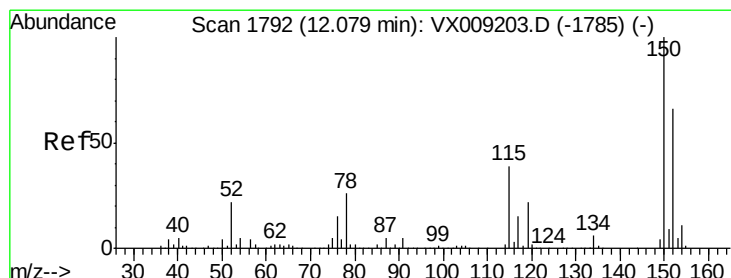
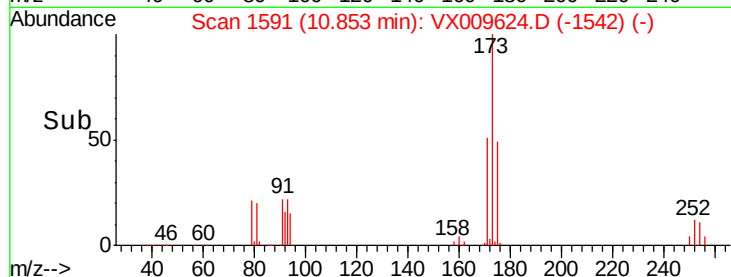
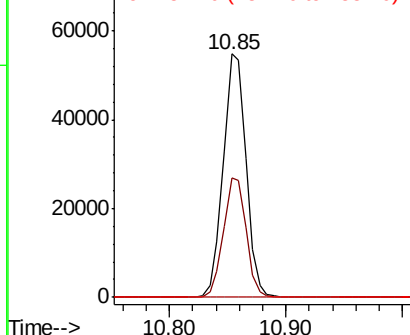
173 100

175 48.7 24.5 73.5

254 0.0 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: VX009624.D

Acq: 16 May 2019 22:12

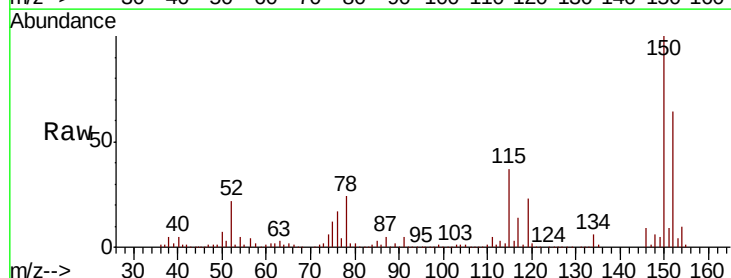
Tgt Ion:152 Resp: 120106

Ion Ratio Lower Upper

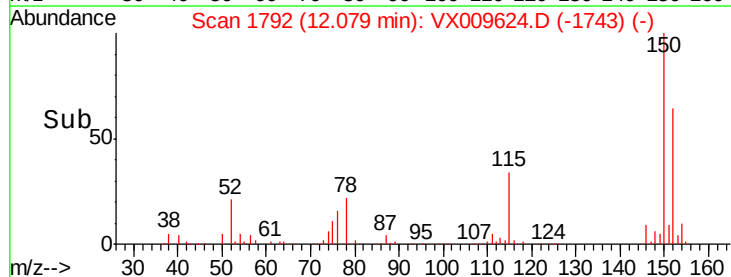
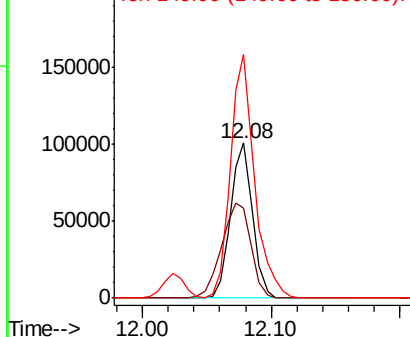
152 100

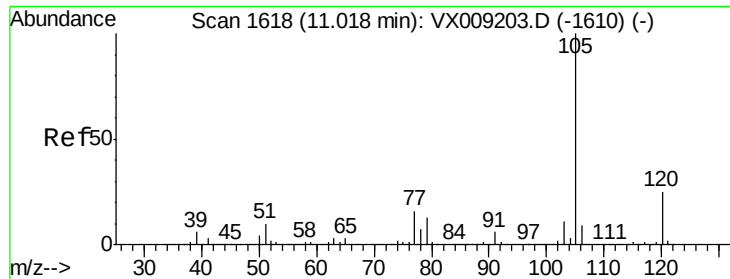
115 81.6 41.2 123.6

150 171.8 0.0 346.4



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





#73

Isopropylbenzene

Concen: 48.509 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

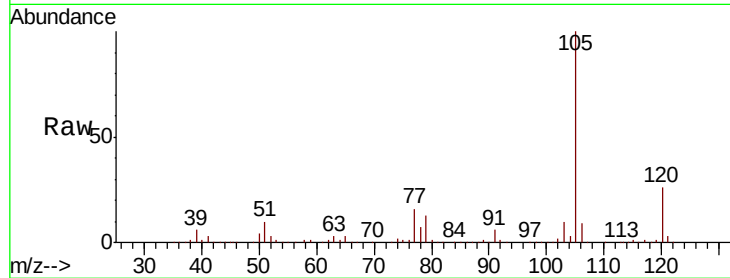
VSTDCCC050

Tot Ion:105 Resp: 423673

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

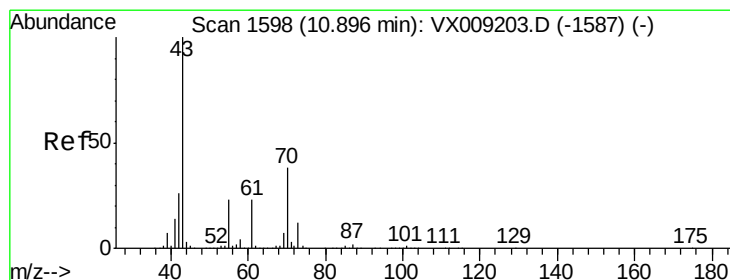
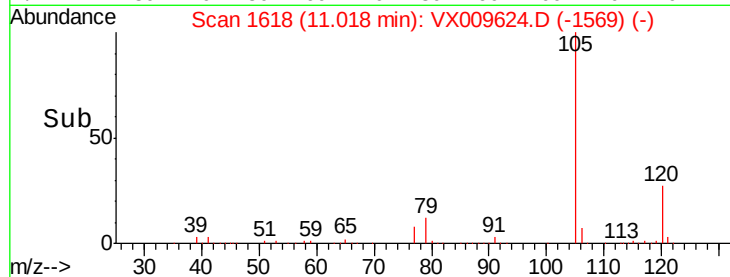
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.500 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Tgt Ion: 43 Resp: 262240

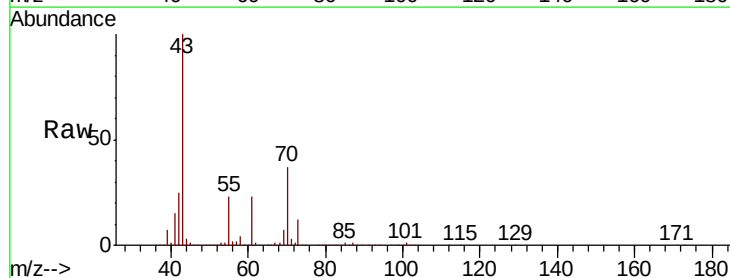
Ion Ratio Lower Upper

43 100

70 36.8 30.0 45.0

55 22.8 17.9 26.9

61 22.4 18.4 27.6



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

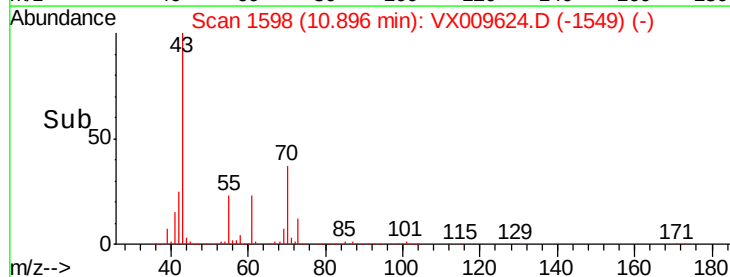
300000

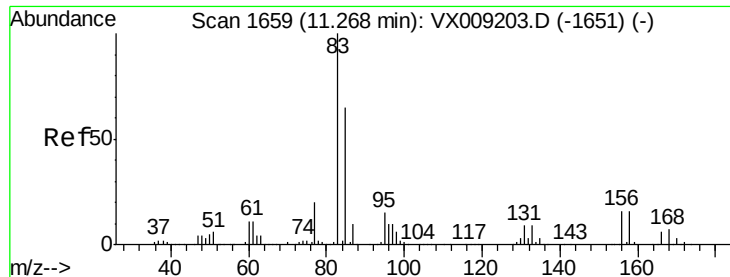
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.726 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

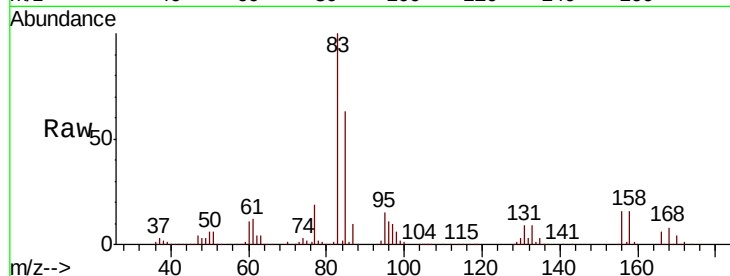
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 161903

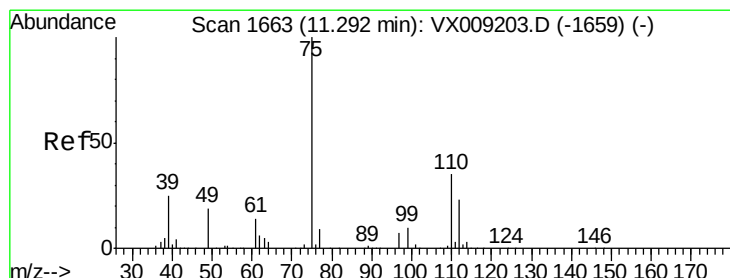
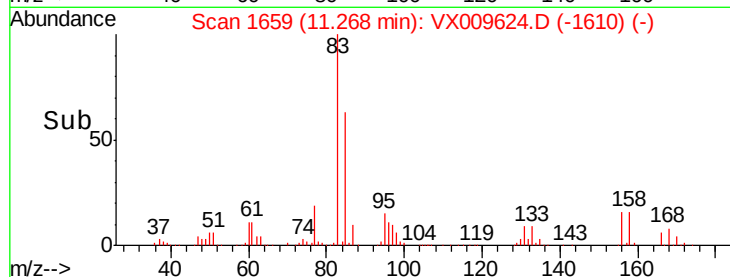
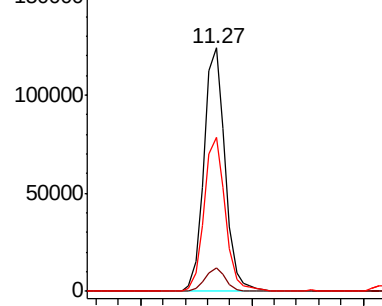
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	63.5	32.0	96.2



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: 68.075 ug/l

RT: 11.29 min Scan# 1663

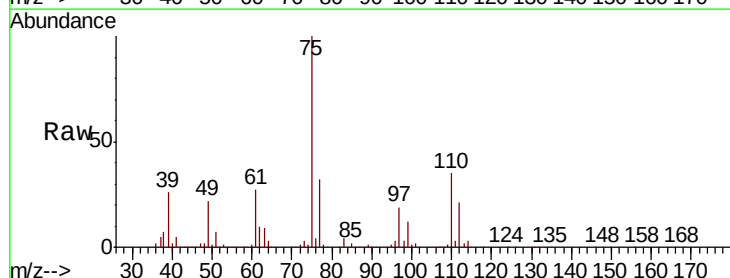
Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

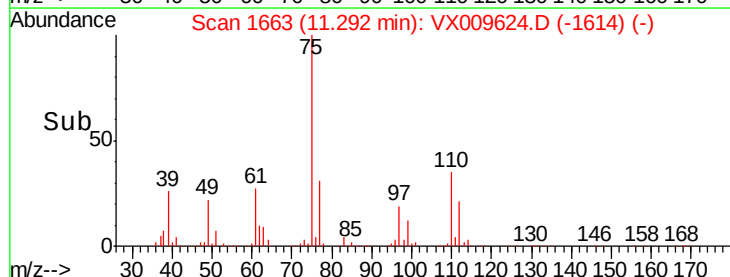
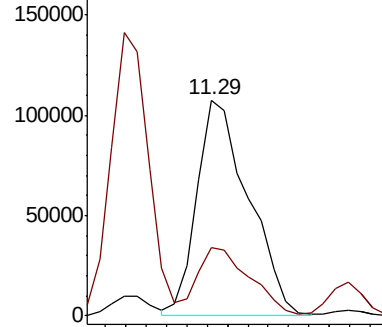
Tgt Ion: 75 Resp: 189658

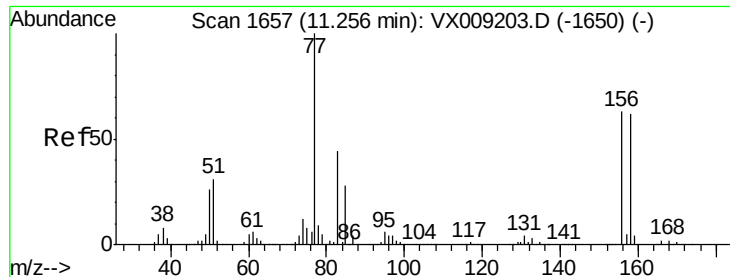
Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.102 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

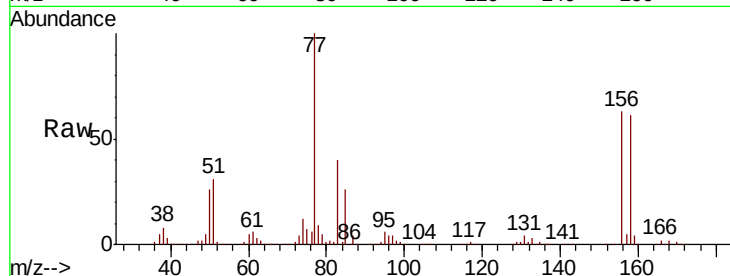
Tot Ion:156 Resp: 106443

Ion Ratio Lower Upper

156 100

77 170.1 84.8 254.3

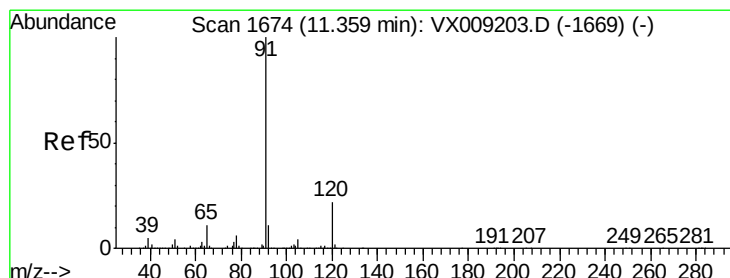
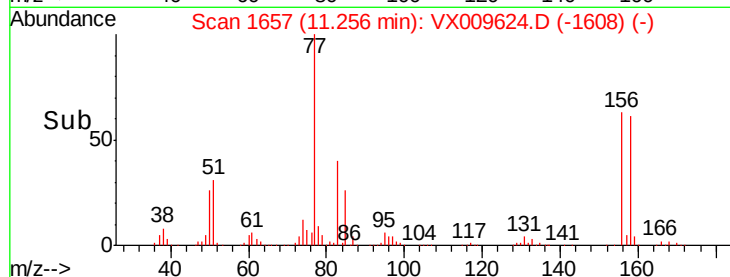
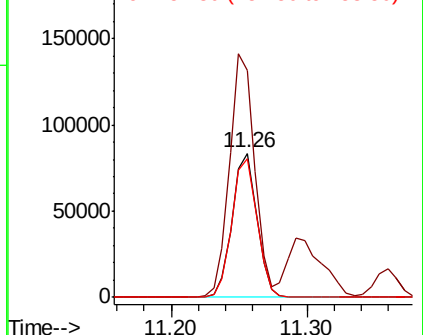
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.422 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009624.D

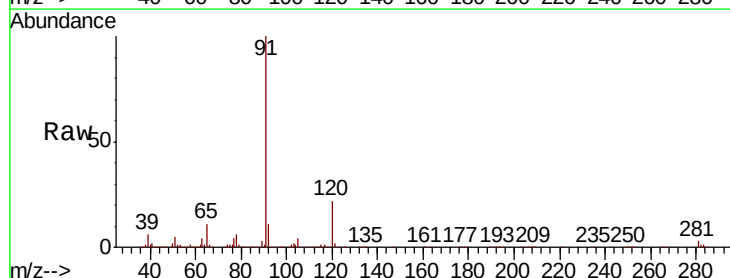
Acq: 16 May 2019 22:12

Tgt Ion: 91 Resp: 492962

Ion Ratio Lower Upper

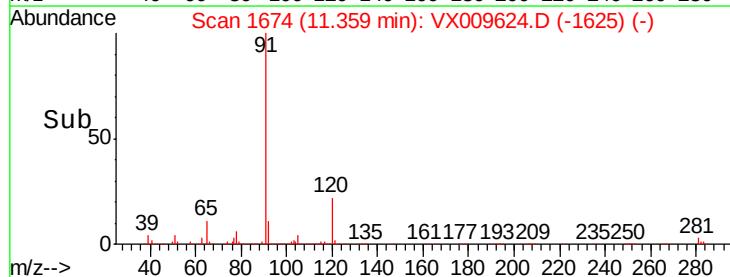
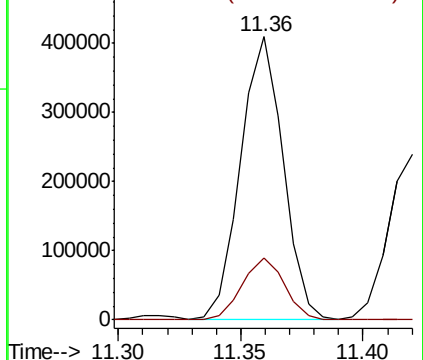
91 100

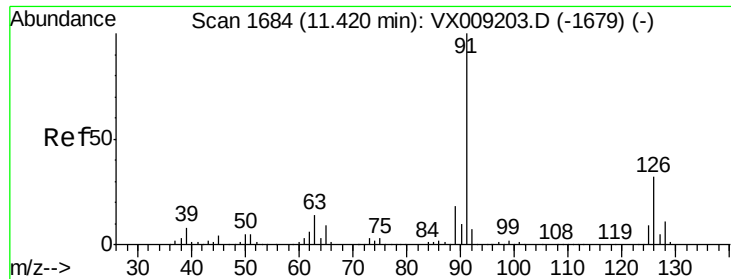
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

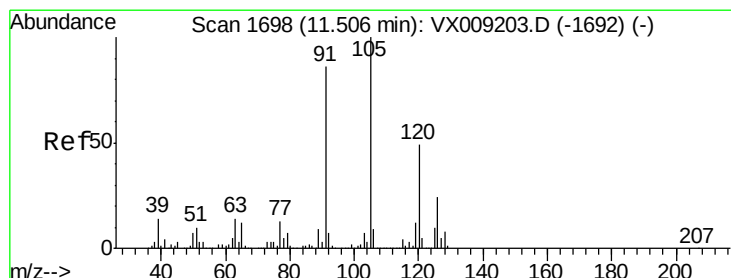
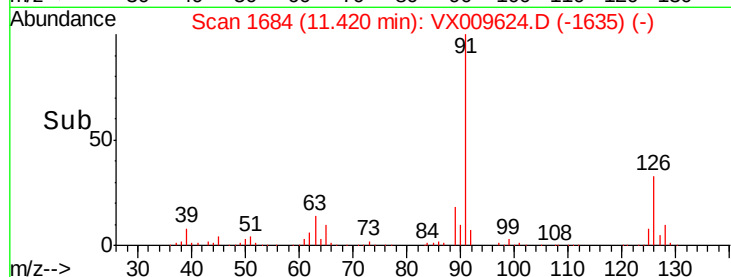
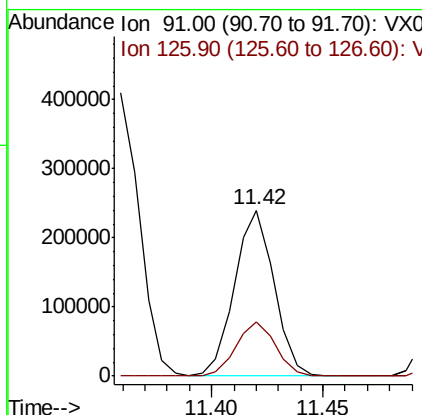
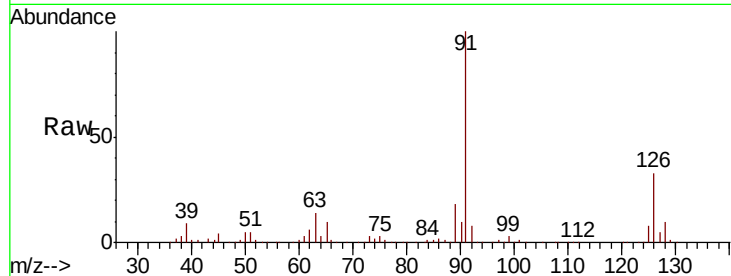




#79
 2-Chlorotoluene
 Concen: 48.218 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

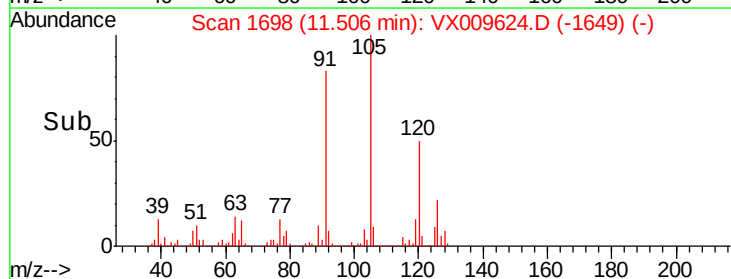
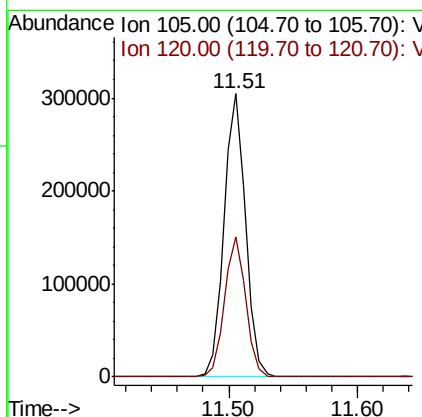
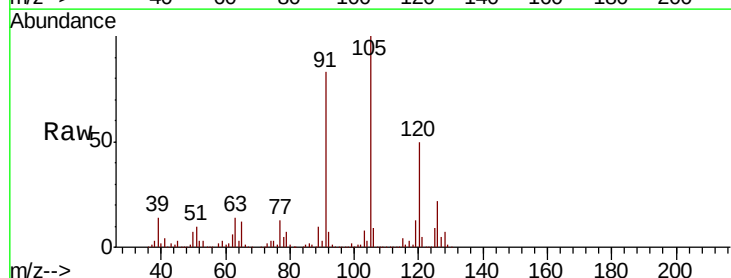
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

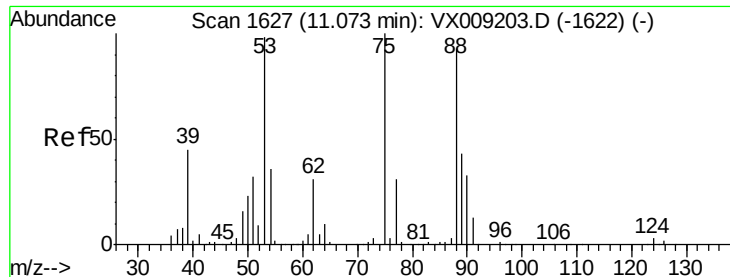
Tot Ion: 91 Resp: 296725
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.697 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion:105 Resp: 358123
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.150 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

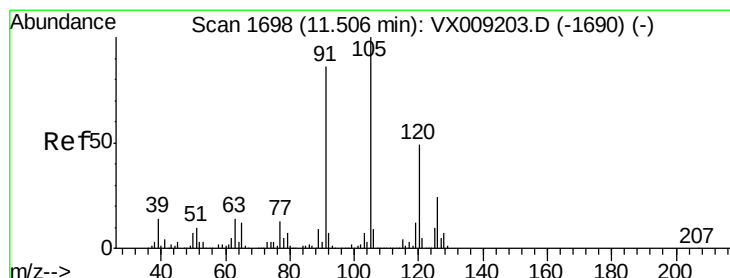
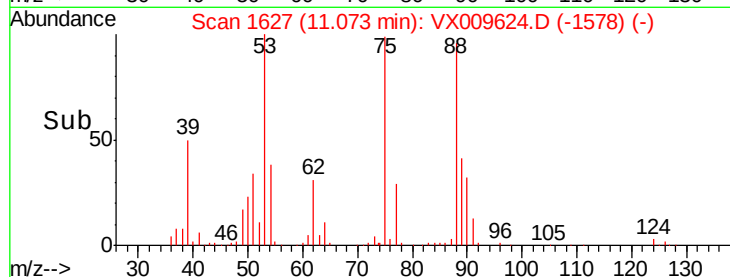
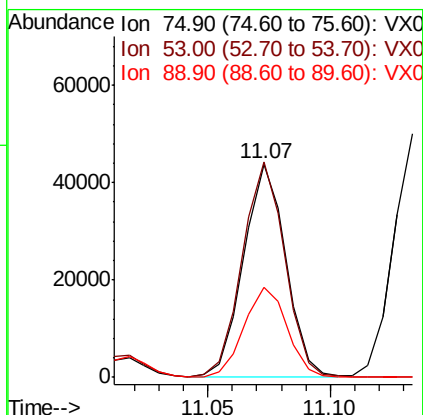
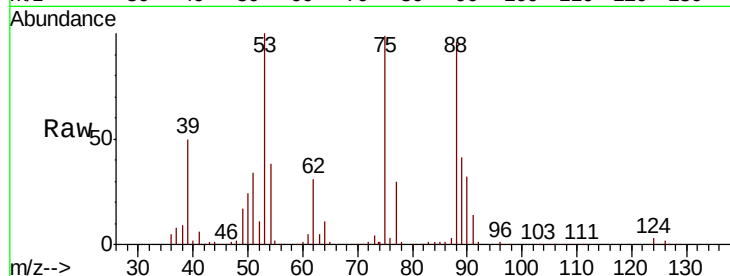
Tot Ion: 75 Resp: 52429

Ion Ratio Lower Upper

75 100

53 101.9 79.0 118.6

89 43.4 34.7 52.1



#82

4-Chlorotoluene

Concen: 48.964 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009624.D

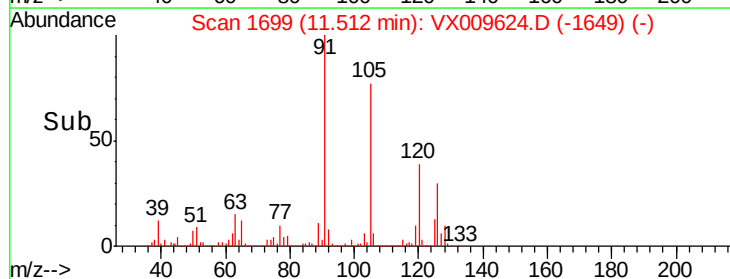
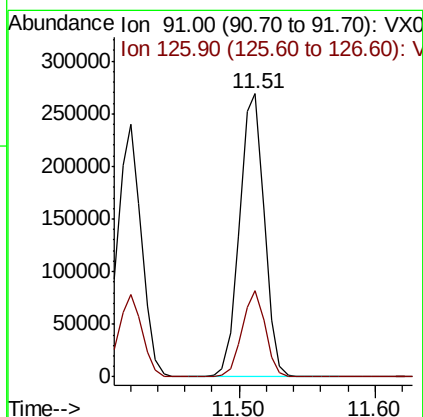
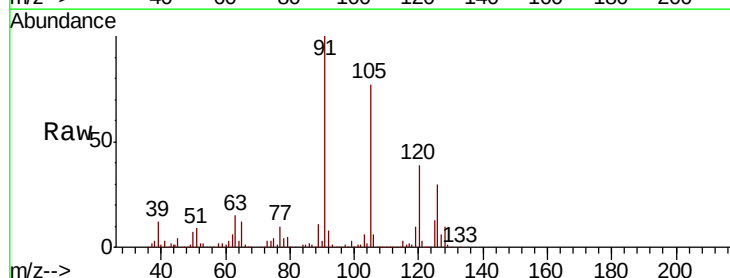
Acq: 16 May 2019 22:12

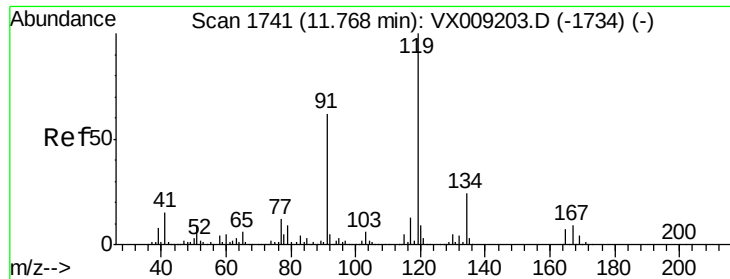
Tgt Ion: 91 Resp: 340402

Ion Ratio Lower Upper

91 100

126 28.7 14.5 43.6

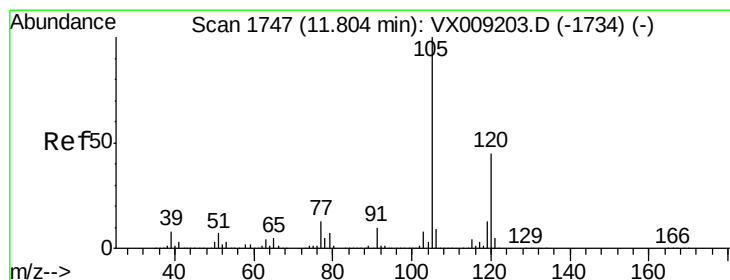
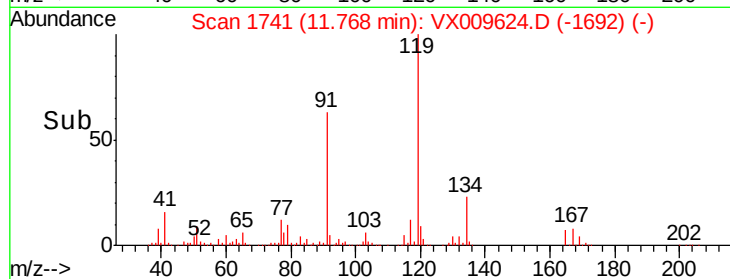
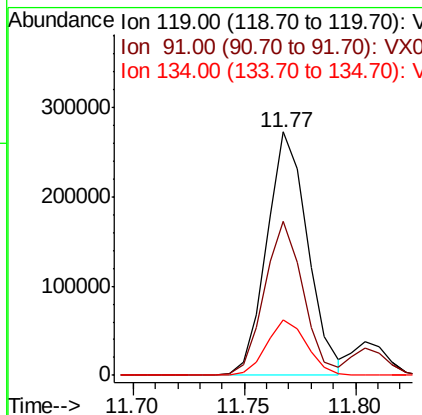
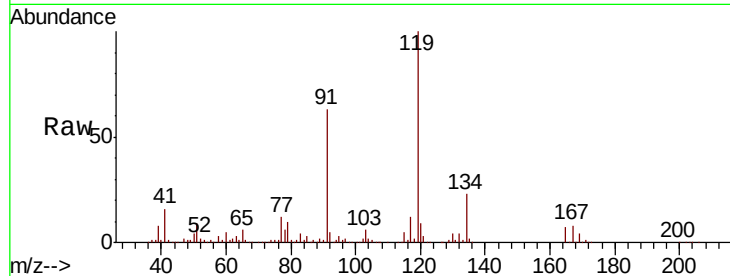




#83
 tert-Butylbenzene
 Concen: 48.606 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

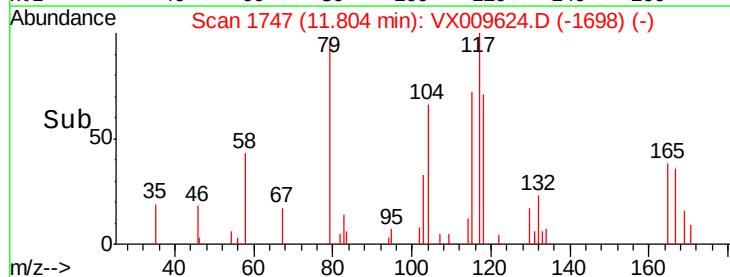
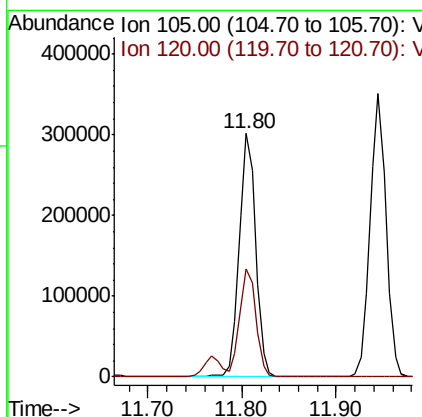
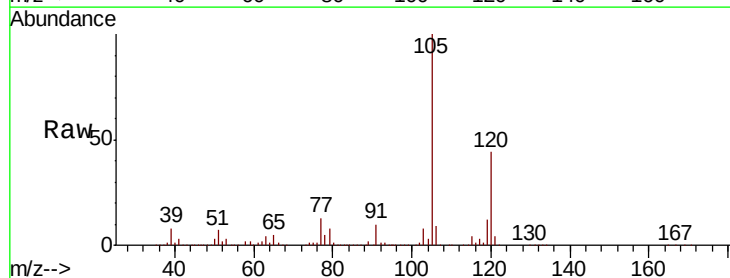
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

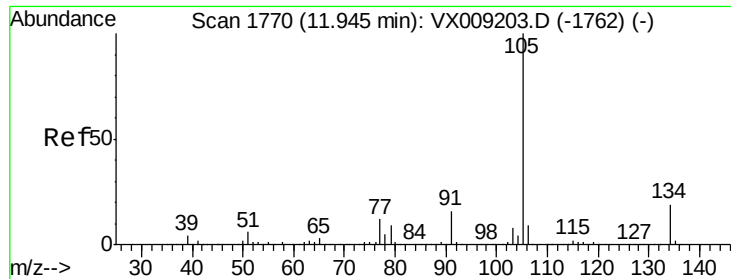
Tot Ion:119 Resp: 347722
 Ion Ratio Lower Upper
 119 100
 91 60.0 29.5 88.5
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.667 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion:105 Resp: 366621
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.764 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

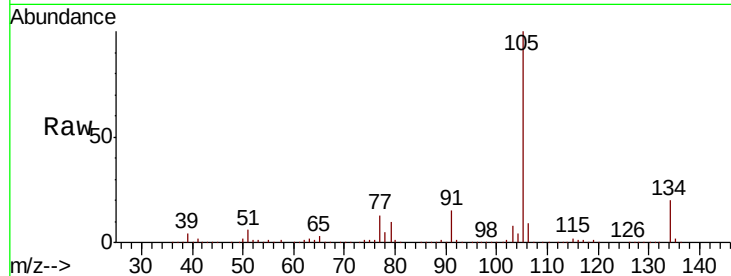
VSTDCCC050

Tot Ion:105 Resp: 413593

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

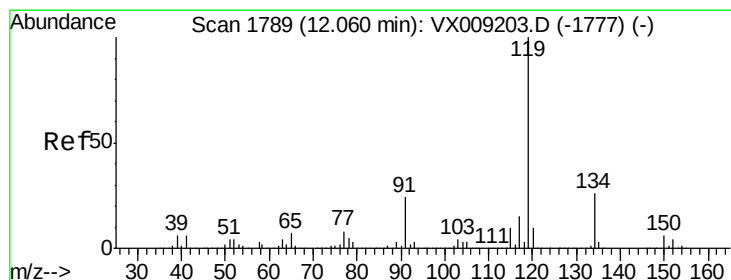
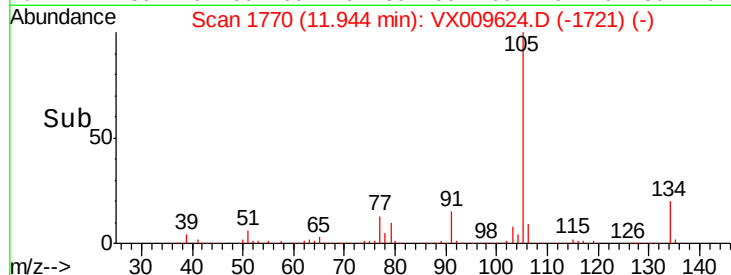
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.815 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009624.D

Acq: 16 May 2019 22:12

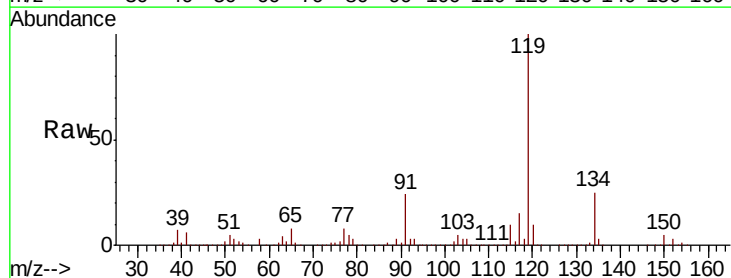
Tgt Ion:119 Resp: 379834

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

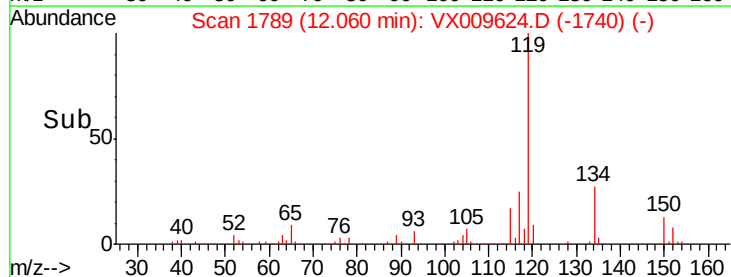
300000

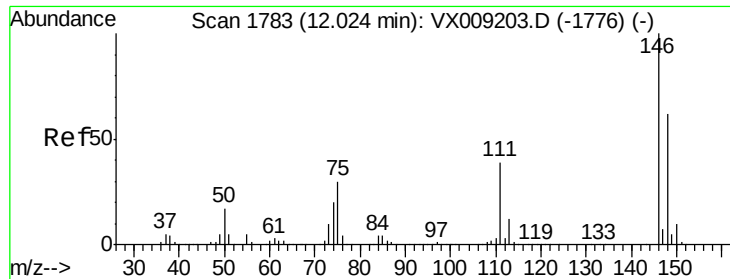
200000

100000

0

Time-->

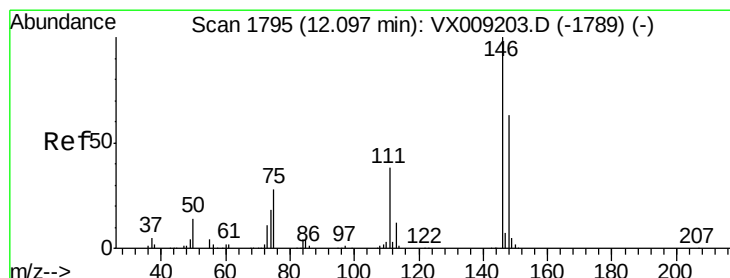
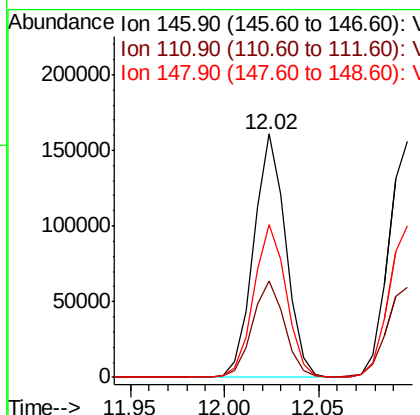
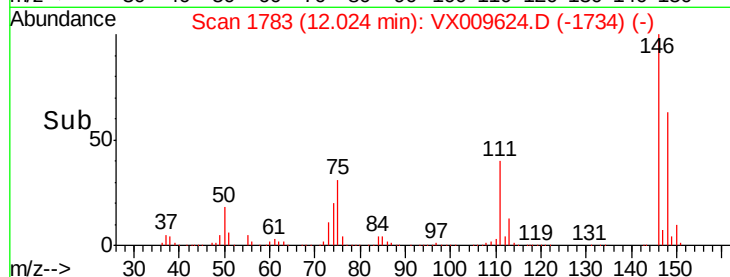
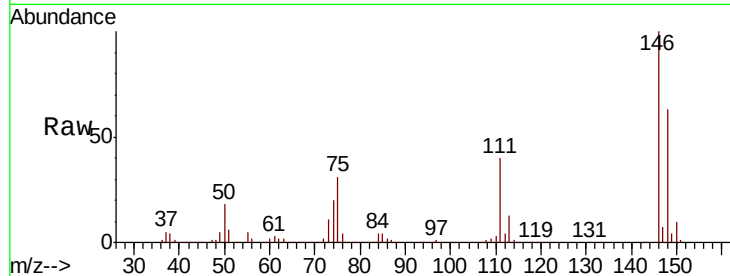




#87
 1,3-Dichlorobenzene
 Concen: 48.774 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

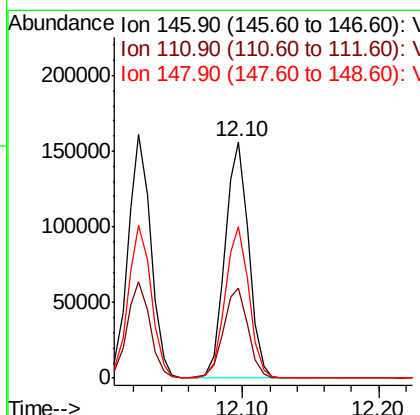
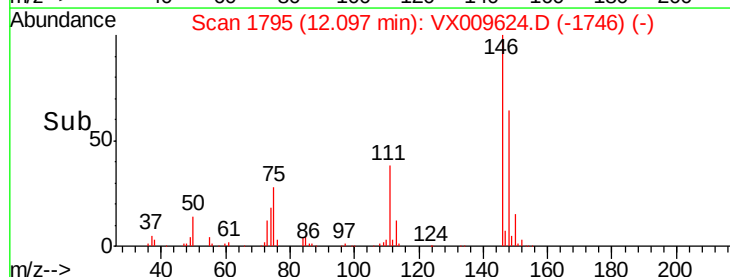
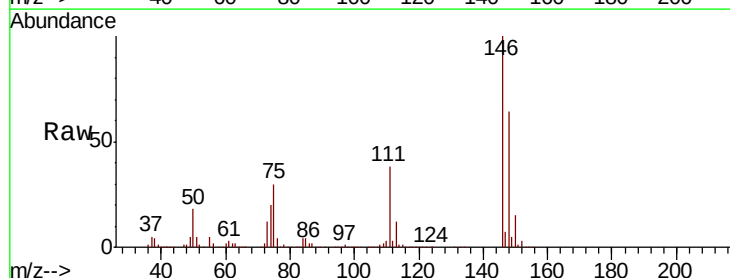
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

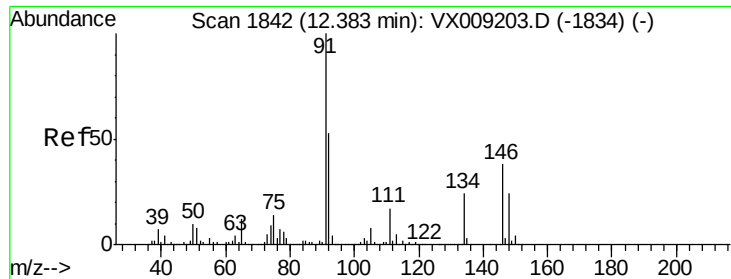
Tot Ion:146 Resp: 188488
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.252 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion:146 Resp: 187995
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 64.4 31.8 95.3

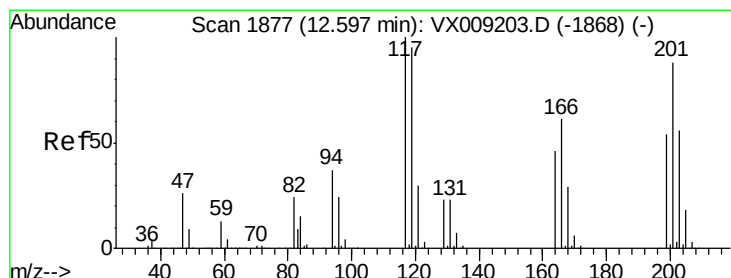
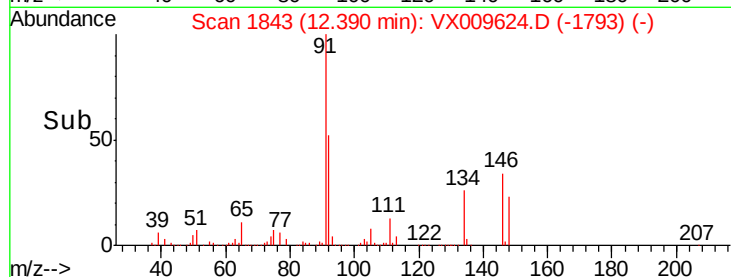
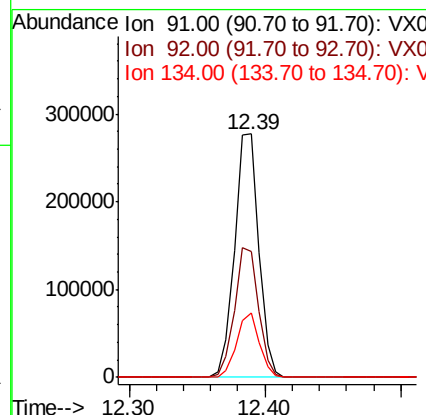
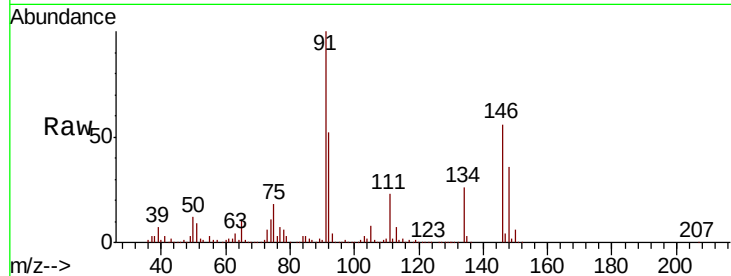




#89
n-Butylbenzene
Concen: 49.729 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

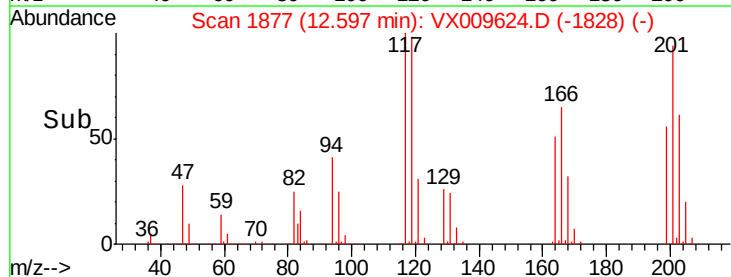
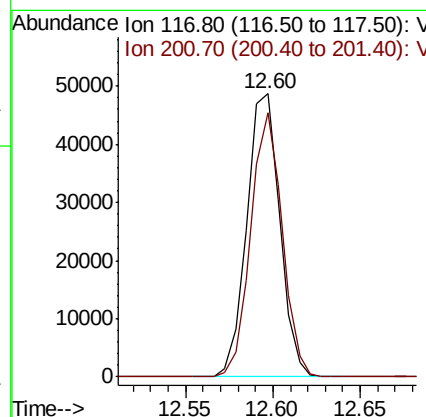
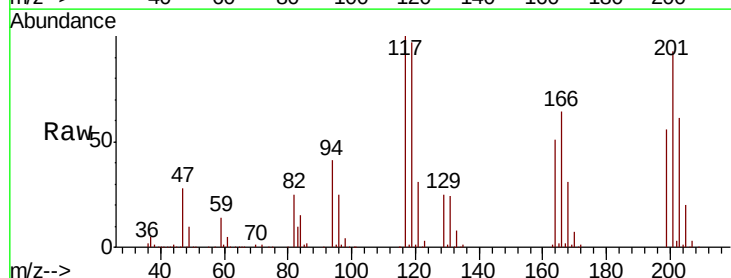
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

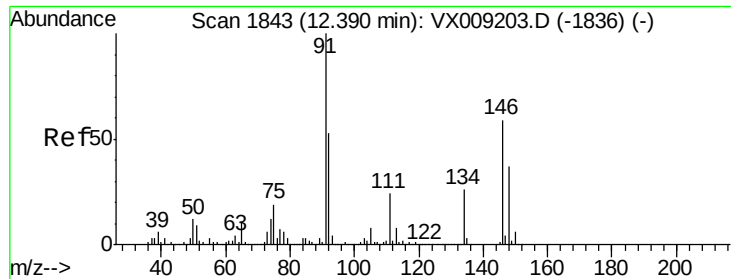
Tot Ion: 91 Resp: 342713
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 49.259 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion: 117 Resp: 63989
Ion Ratio Lower Upper
117 100
201 88.7 42.3 126.9

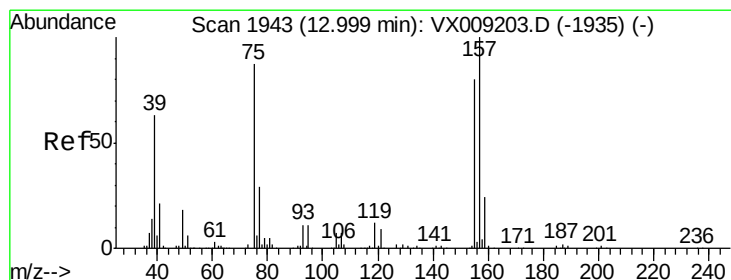
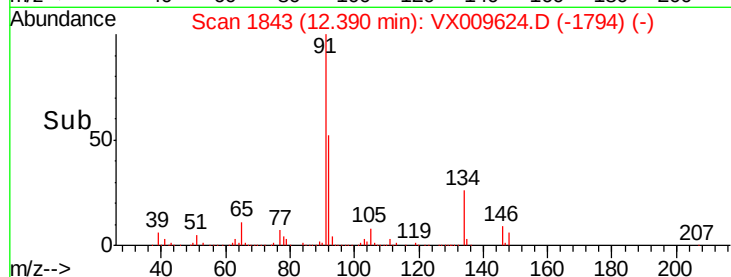
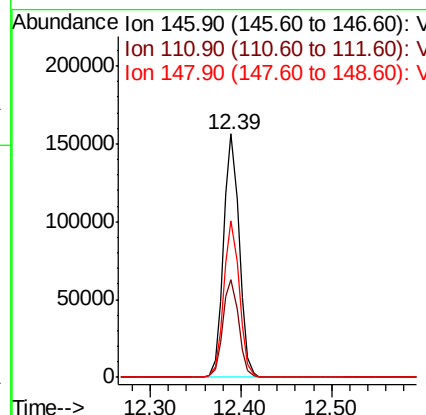
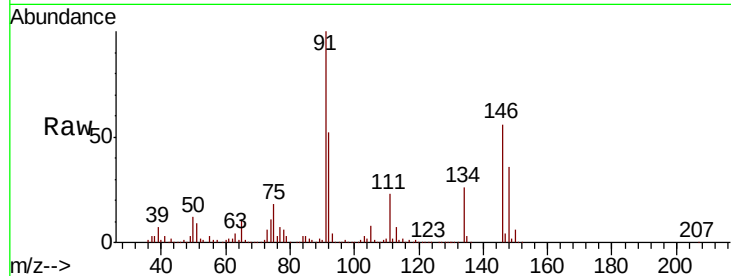




#91
 1,2-Dichlorobenzene
 Concen: 48.114 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

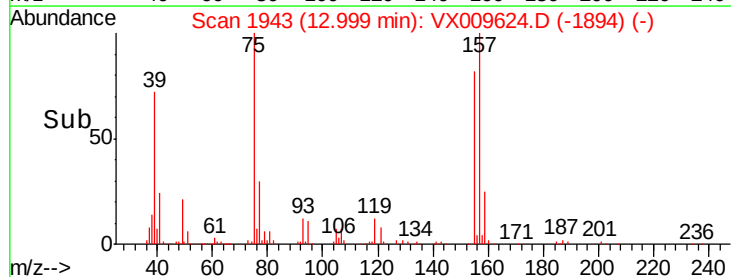
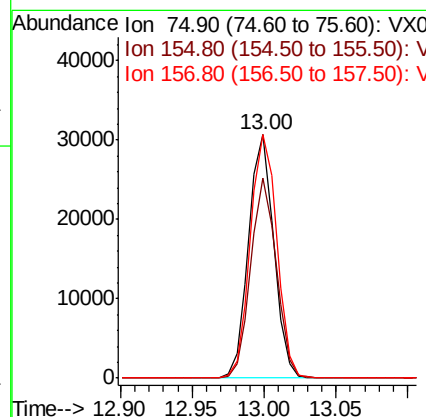
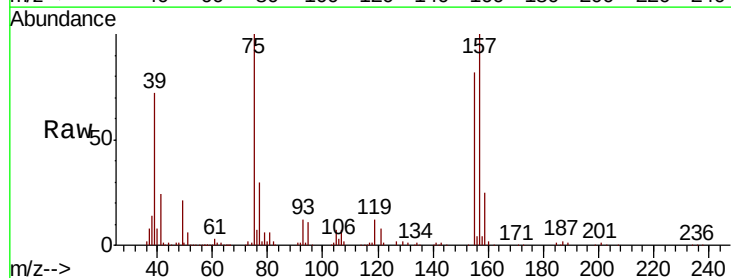
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

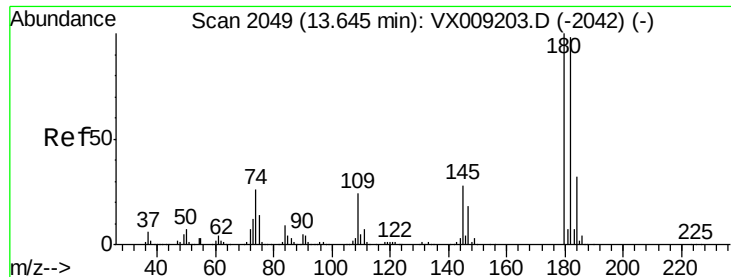
Tot Ion:146 Resp: 189383
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.4
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.934 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion: 75 Resp: 37202
 Ion Ratio Lower Upper
 75 100
 155 82.7 42.0 126.0
 157 104.3 53.2 159.6

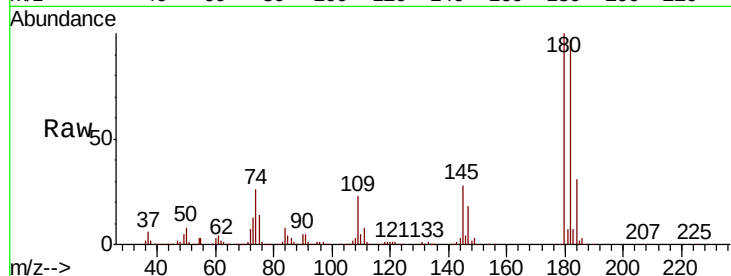




#93
 1,2,4-Trichlorobenzene
 Concen: 49.395 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.2
145	29.5	14.6	43.8

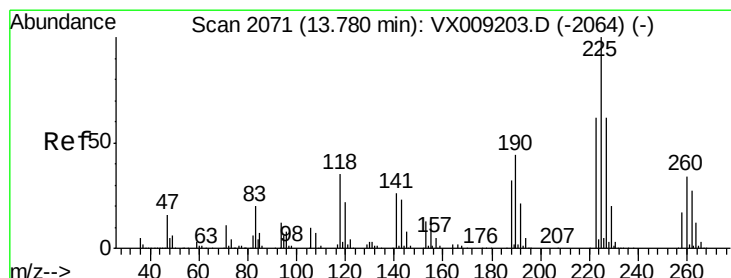
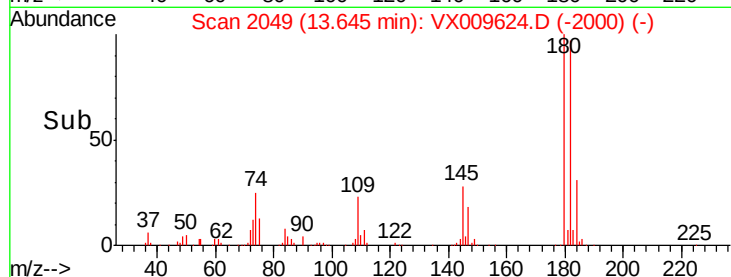
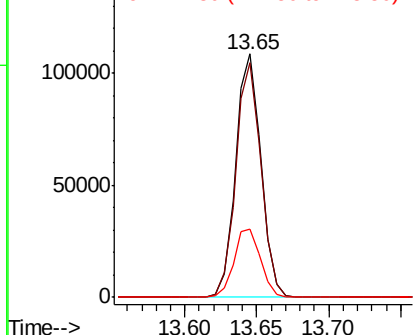


Abundance

Ion 179.80 (179.50 to 180.50): V

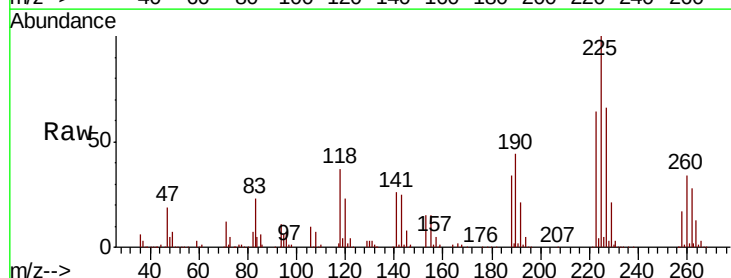
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.661 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009624.D
 Acq: 16 May 2019 22:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	65.0	31.8	95.3

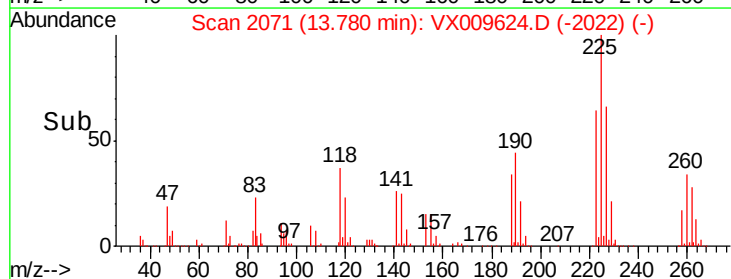
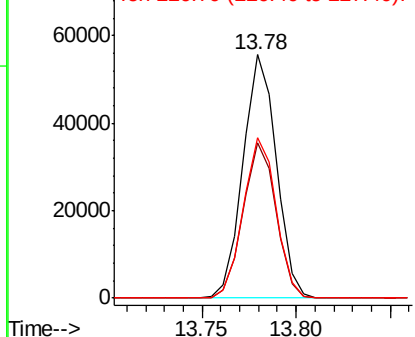


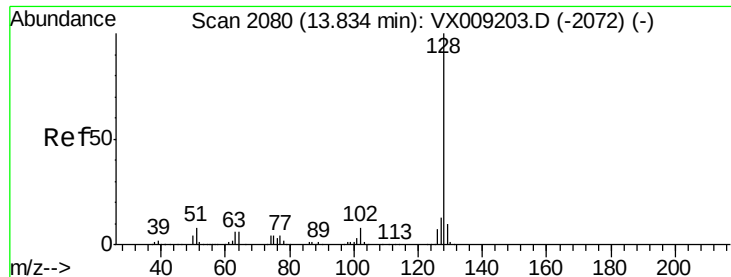
Abundance

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

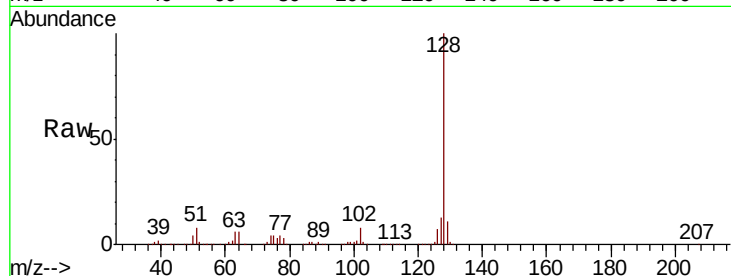




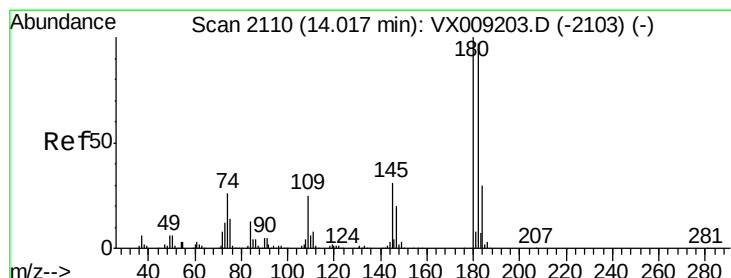
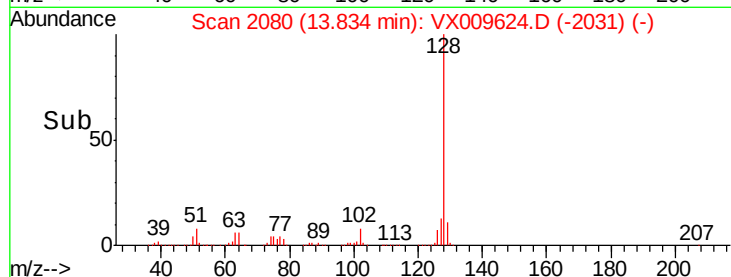
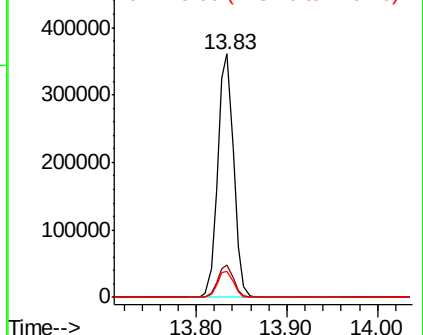
#95
Naphthalene
Concen: 50.595 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 443071
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0

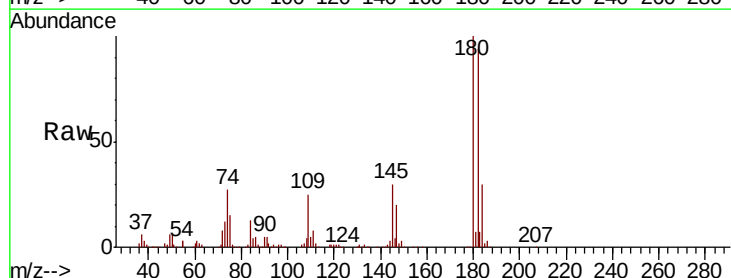


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.856 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009624.D
Acq: 16 May 2019 22:12

Tgt Ion:180 Resp: 136031
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.4
145 30.3 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

