

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009793.D
 Acq On : 22 May 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 07:12:43 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	185256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113673	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	5.49	113	82522	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
50) Toluene-d8	8.71	98	337495	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	11.13	95	125877	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70782	41.462	ug/l	99
3) Chloromethane	1.32	50	101854	43.701	ug/l	100
4) Vinyl Chloride	1.41	62	99712	43.873	ug/l	97
5) Bromomethane	1.64	94	61147	44.825	ug/l	96
6) Chloroethane	1.71	64	62887	43.097	ug/l	100
7) Trichlorofluoromethane	1.92	101	123630	44.751	ug/l	99
8) Diethyl Ether	2.19	74	55485	42.400	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76330	43.998	ug/l	99
10) Methyl Iodide	2.51	142	82485	41.755	ug/l	99
11) Tert butyl alcohol	3.05	59	121303	207.216	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75421	43.389	ug/l	98
13) Acrolein	2.29	56	104005	196.180	ug/l	98
14) Allyl chloride	2.73	41	185465	43.782	ug/l	98
15) Acrylonitrile	3.14	53	302192	211.127	ug/l	99
16) Acetone	2.44	43	345574	254.481	ug/l	96
17) Carbon Disulfide	2.57	76	225562	46.220	ug/l	98
18) Methyl Acetate	2.77	43	130072	40.276	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	288701	42.770	ug/l	100
20) Methylene Chloride	2.85	84	90442	41.134	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	82566	43.799	ug/l	98
22) Diisopropyl ether	3.85	45	358146	43.963	ug/l	97
23) Vinyl Acetate	3.81	43	1617490	231.867	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172635	42.957	ug/l	99
25) 2-Butanone	4.67	43	484174	229.442	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131836	44.073	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	96209	42.758	ug/l	98
28) Bromochloromethane	5.01	49	76372	47.047	ug/l	97
29) Tetrahydrofuran	5.12	42	298799	220.042	ug/l	97
30) Chloroform	5.21	83	156770	43.131	ug/l	98
31) Cyclohexane	5.58	56	172666	46.181	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	131116	43.334	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123954	45.965	ug/l	99
37) Ethyl Acetate	4.83	43	170496	45.377	ug/l	99
38) Carbon Tetrachloride	5.78	117	110194	44.975	ug/l	99

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Quant Time: May 23 07:12:43 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)
39) Methylcyclohexane	7.46	83	159148	48.055	ug/l	98
40) Benzene	6.14	78	373122	44.707	ug/l	99
41) Methacrylonitrile	5.04	41	97541	43.611	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136512	45.598	ug/l	98
43) Isopropyl Acetate	6.44	43	273028	45.429	ug/l	99
44) Trichloroethene	7.21	130	89244	44.232	ug/l	100
45) 1,2-Dichloropropane	7.51	63	105773	44.758	ug/l	97
46) Dibromomethane	7.66	93	60620	44.173	ug/l	100
47) Bromodichloromethane	7.90	83	122378	44.705	ug/l	97
48) Methyl methacrylate	7.76	41	138705	46.518	ug/l	98
49) 1,4-Dioxane	7.74	88	51429	850.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	903814	230.078	ug/l	99
52) Toluene	8.78	92	227999	44.942	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144064	46.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159496	46.625	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90717	43.830	ug/l	97
56) Ethyl methacrylate	9.18	69	167183	45.251	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160945	44.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431575	220.195	ug/l	99
59) 2-Hexanone	9.49	43	727440	235.781	ug/l	98
60) Dibromochloromethane	9.58	129	90912	44.973	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93498	44.752	ug/l	99
64) Tetrachloroethene	9.34	164	80961	44.103	ug/l	97
65) Chlorobenzene	10.13	112	235542	43.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	84157	43.360	ug/l	100
67) Ethyl Benzene	10.25	91	445060	45.172	ug/l	100
68) m/p-Xylenes	10.36	106	329592	91.543	ug/l	98
69) o-Xylene	10.69	106	156785	44.136	ug/l	98
70) Styrene	10.71	104	279164	45.214	ug/l	98
71) Bromoform	10.85	173	70222	44.522	ug/l #	100
73) Isopropylbenzene	11.02	105	427804	43.018	ug/l	99
74) N-amyl acetate	10.90	43	255263	44.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153502	41.405	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183456	57.831	ug/l	81
77) Bromobenzene	11.26	156	104598	42.375	ug/l	99
78) n-propylbenzene	11.36	91	508664	44.786	ug/l	100
79) 2-Chlorotoluene	11.42	91	299633	42.762	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370444	44.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53714	43.323	ug/l	97
82) 4-Chlorotoluene	11.51	91	349665	44.172	ug/l	99
83) tert-Butylbenzene	11.77	119	349293	42.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	372861	44.362	ug/l	99
85) sec-Butylbenzene	11.94	105	425287	44.037	ug/l	100
86) p-Isopropyltoluene	12.06	119	392699	45.231	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190873	43.377	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193236	43.558	ug/l	100
89) n-Butylbenzene	12.38	91	369378	47.072	ug/l	100
90) Hexachloroethane	12.59	117	65303	44.150	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190540	42.513	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34583	41.583	ug/l	96

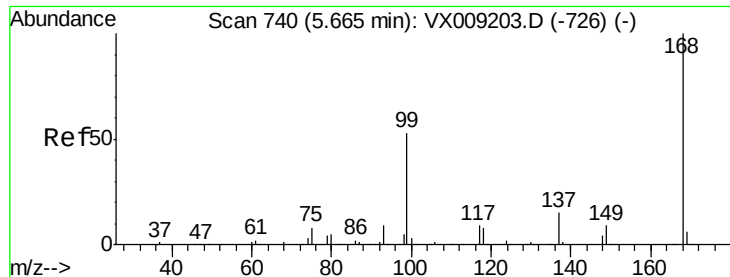
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138683	45.249	ug/l	98
94) Hexachlorobutadiene	13.78	225	72945	46.607	ug/l	100
95) Naphthalene	13.83	128	422656	42.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136653	43.986	ug/l	100

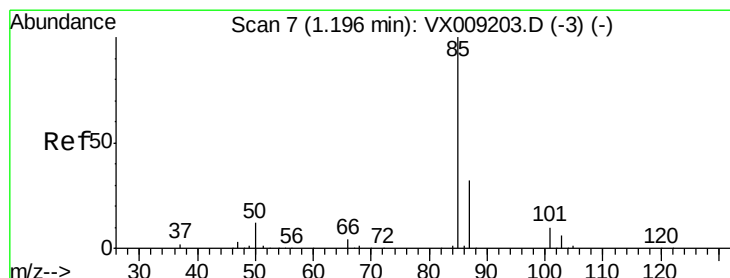
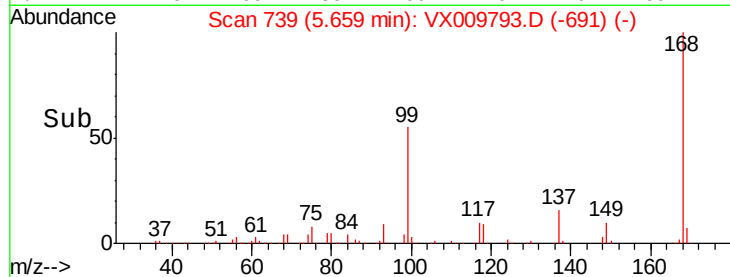
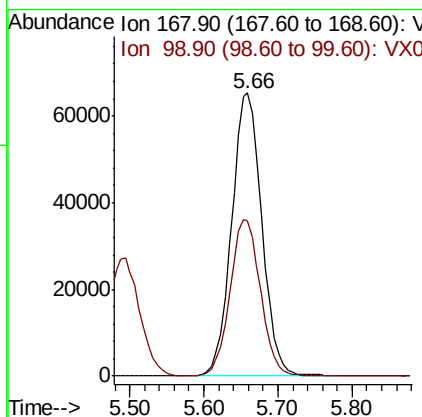
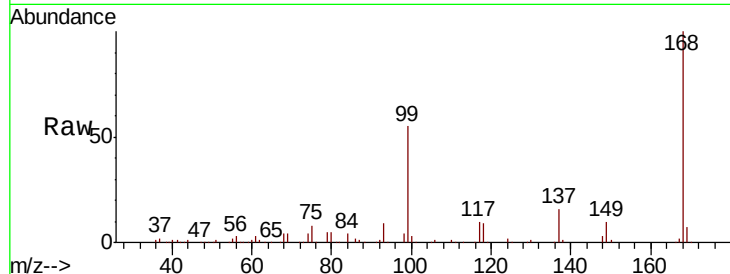
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

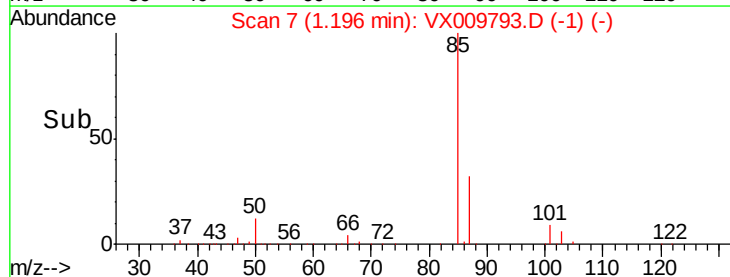
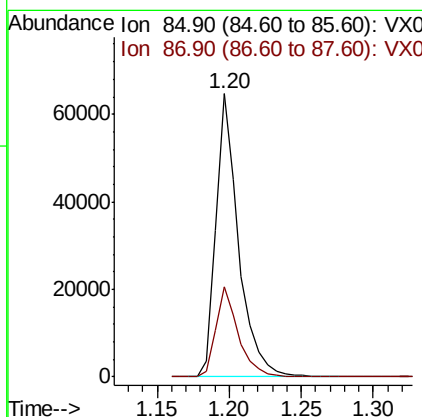
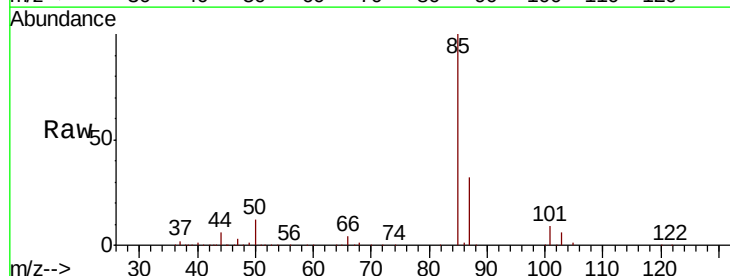
Instrument :
MSVOA_X
ClientSampleId :

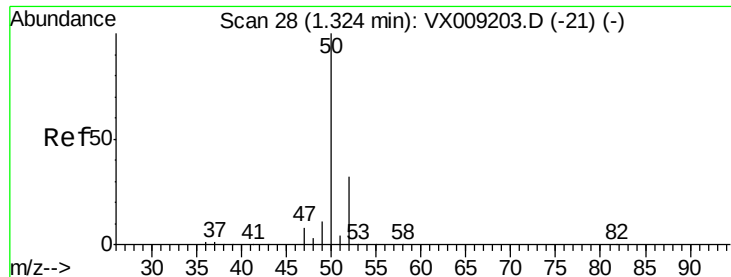
Tot Ion:168 Resp: 185256
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 41.462 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 85 Resp: 70782
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.3





#3

Chloromethane

Concen: 43.701 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

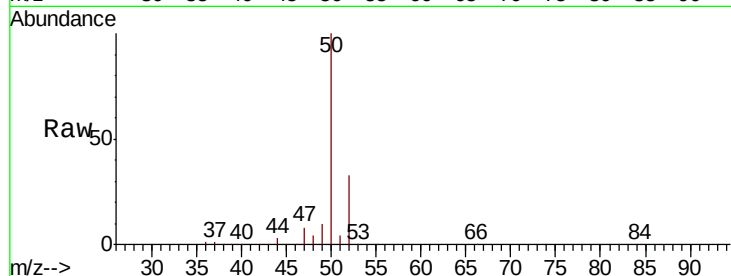
ClientSampleId :

Tot Ion: 50 Resp: 101854

Ion Ratio Lower Upper

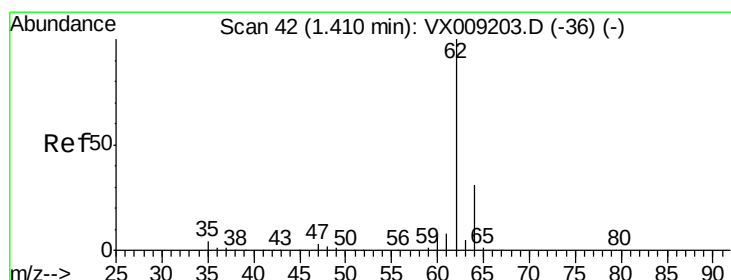
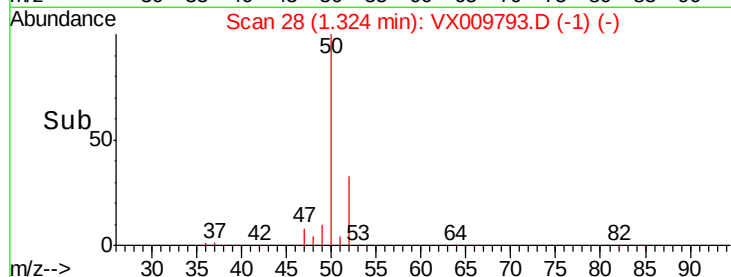
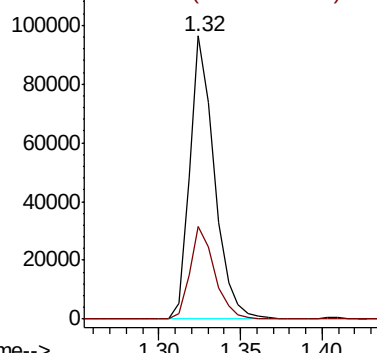
50 100

52 32.6 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: 43.873 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009793.D

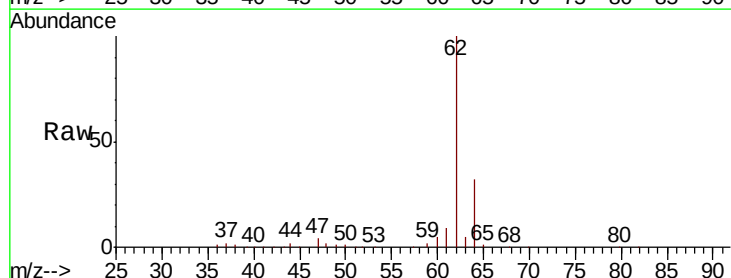
Acq: 22 May 2019 10:23

Tgt Ion: 62 Resp: 99712

Ion Ratio Lower Upper

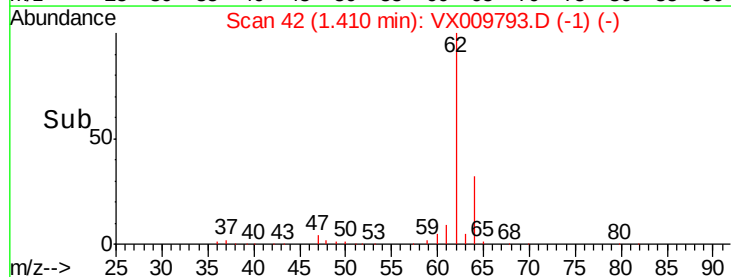
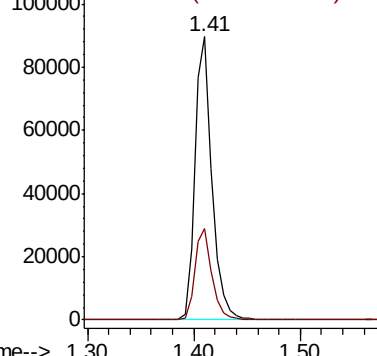
62 100

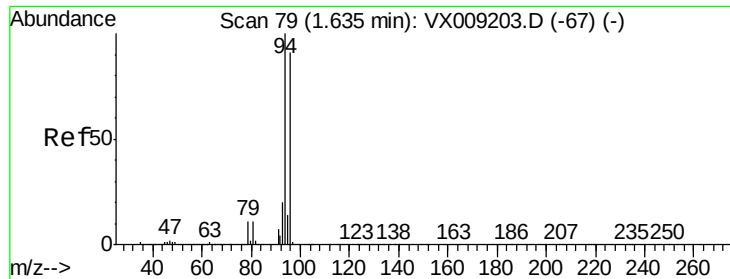
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.825 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

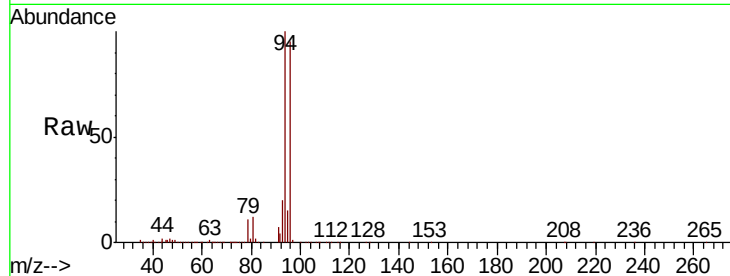
ClientSampled :

Tot Ion: 94 Resp: 61147

Ion Ratio Lower Upper

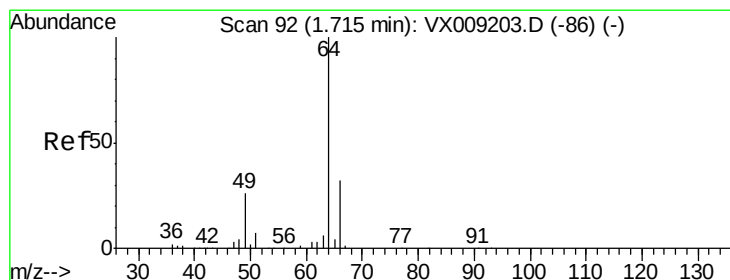
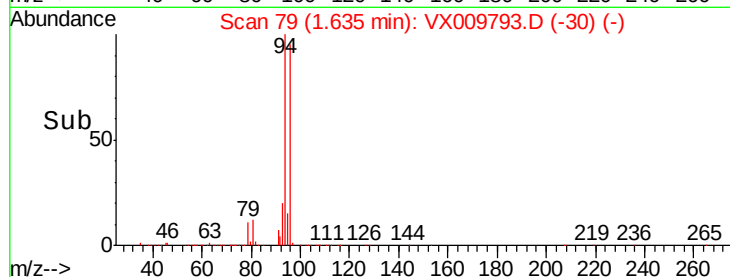
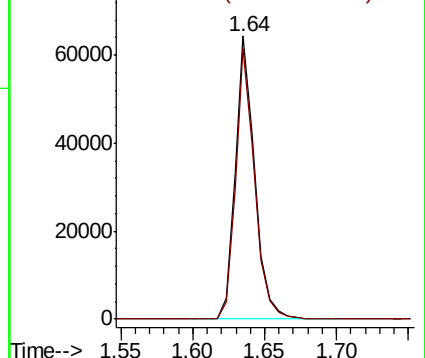
94 100

96 95.5 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: 43.097 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009793.D

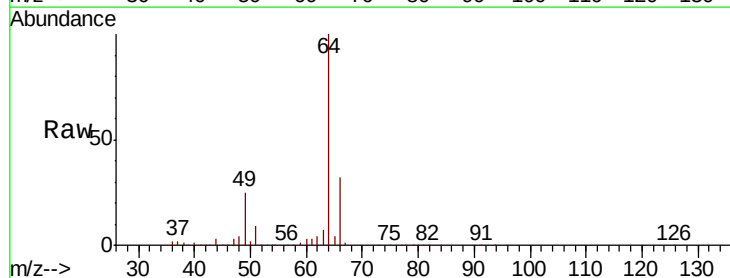
Acq: 22 May 2019 10:23

Tgt Ion: 64 Resp: 62887

Ion Ratio Lower Upper

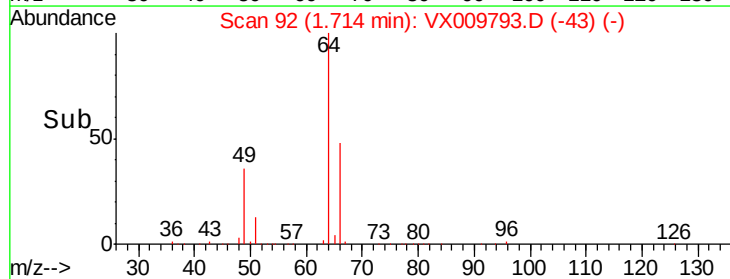
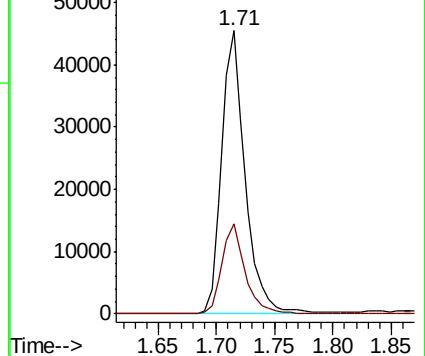
64 100

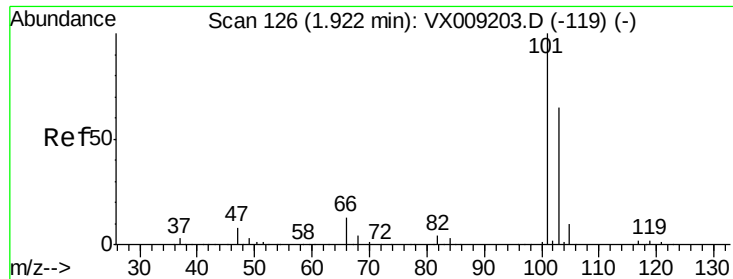
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



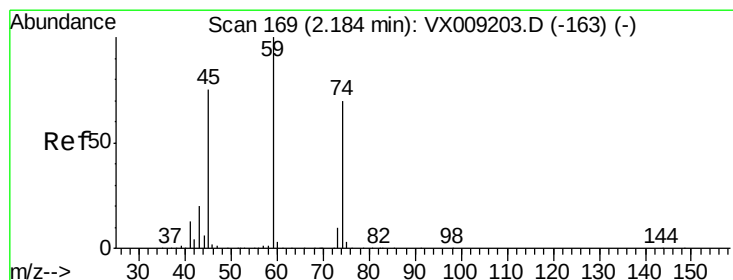
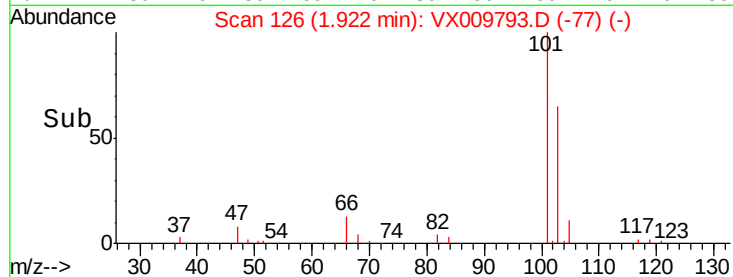
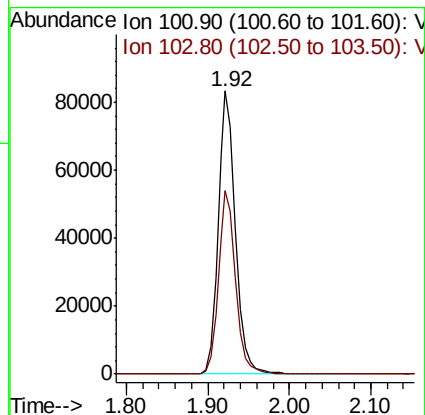
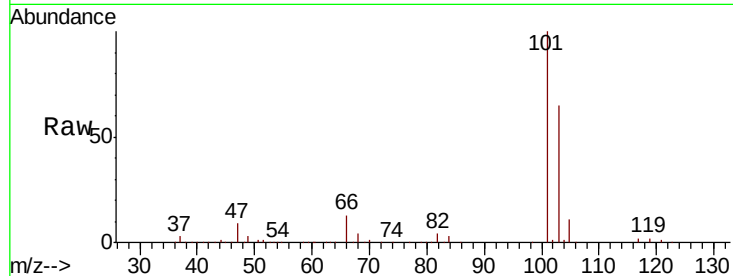


#7

Trichlorofluoromethane
Concen: 44.751 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

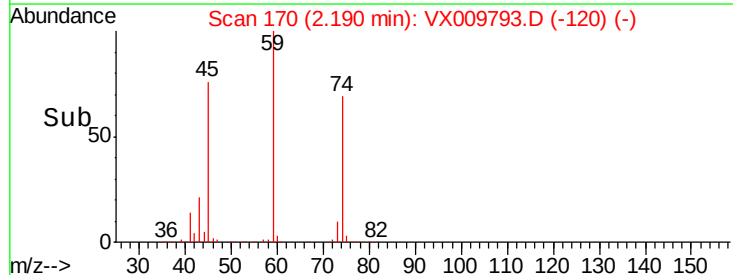
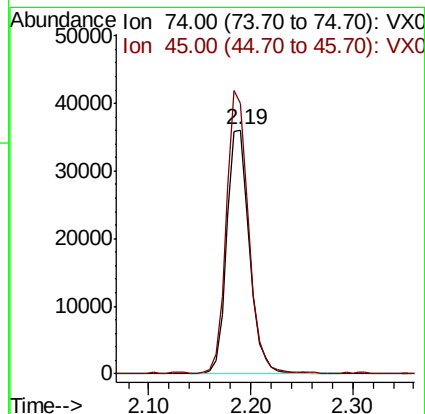
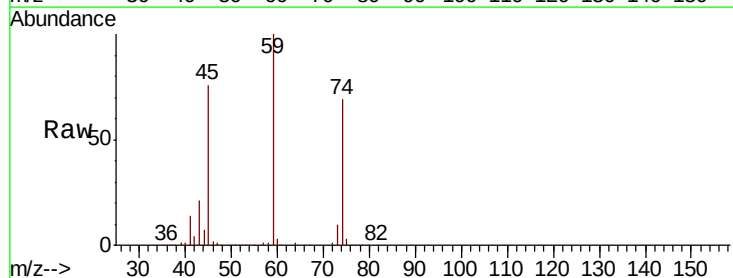
Tot Ion:101 Resp: 123630
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6

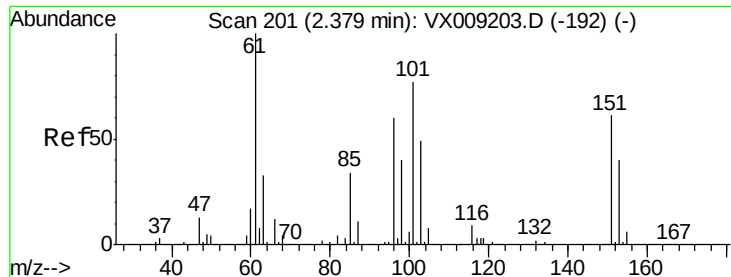


#8

Diethyl Ether
Concen: 42.400 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 74 Resp: 55485
Ion Ratio Lower Upper
74 100
45 112.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.998 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

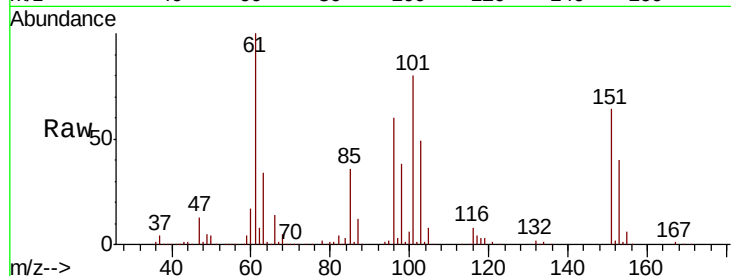
Tot Ion:101 Resp: 76330

Ion Ratio Lower Upper

101 100

85 45.3 35.7 53.5

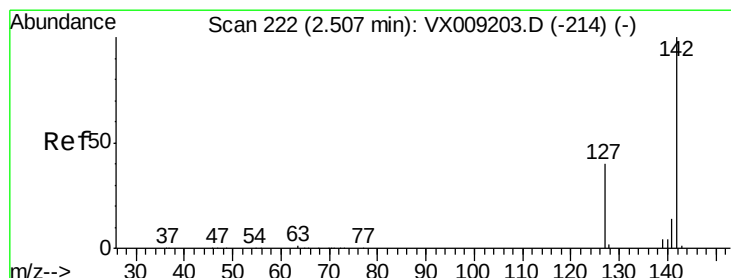
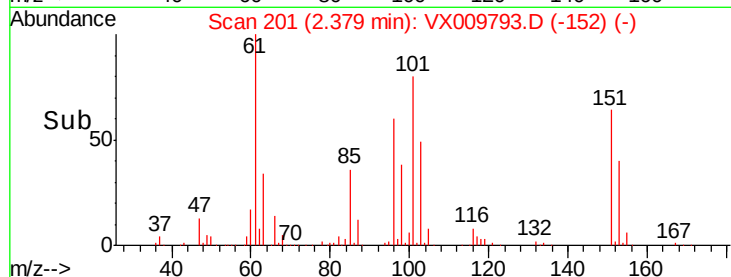
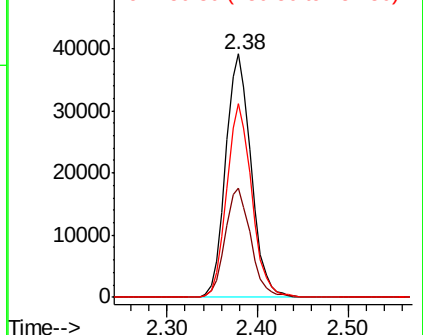
151 78.3 62.2 93.2



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: 41.755 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

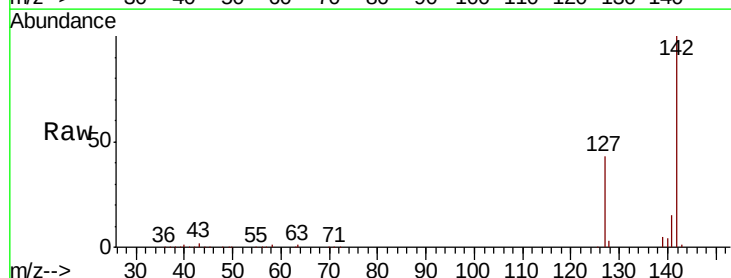
Tgt Ion:142 Resp: 82485

Ion Ratio Lower Upper

142 100

127 42.0 32.7 49.1

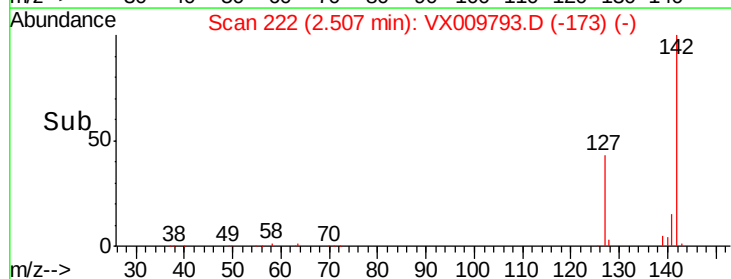
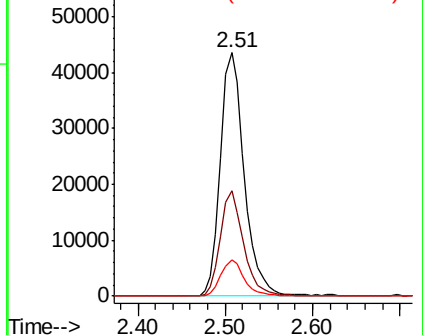
141 14.6 11.5 17.3

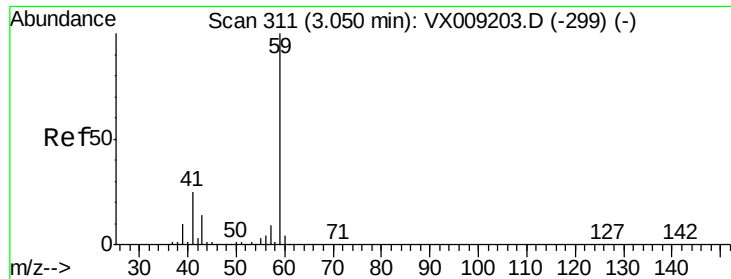


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

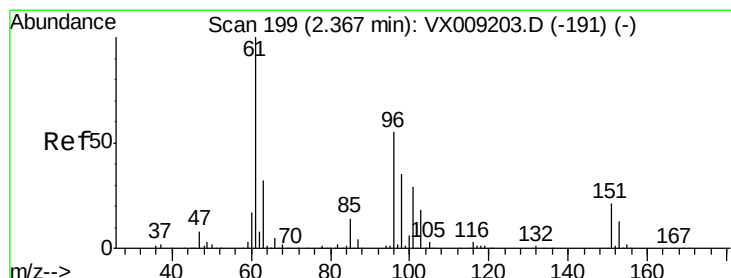
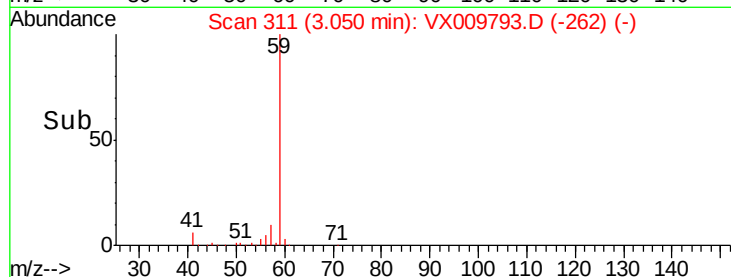
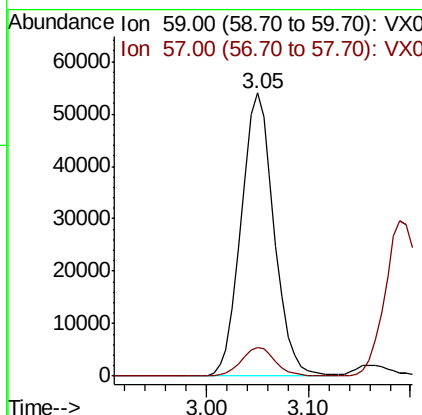
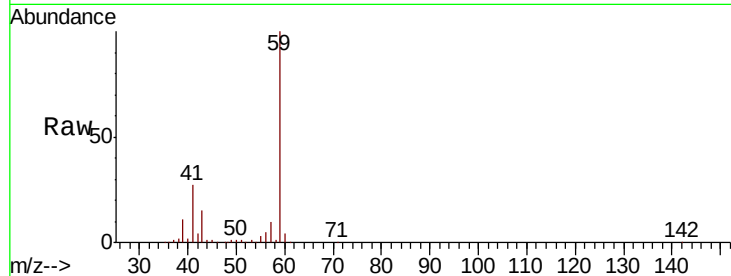




#11
Tert butyl alcohol
Concen: 207.216 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

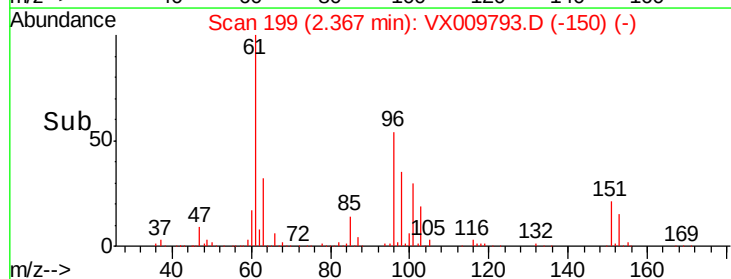
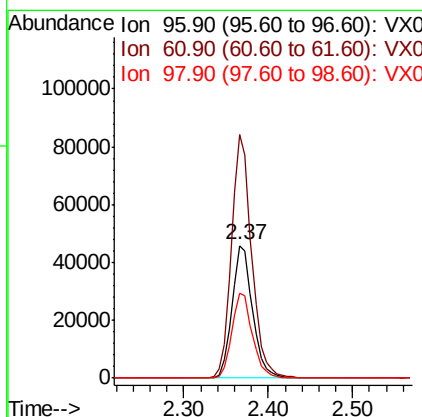
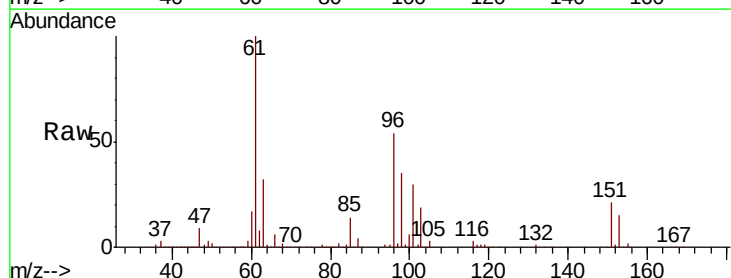
Instrument :
MSVOA_X
ClientSampled :

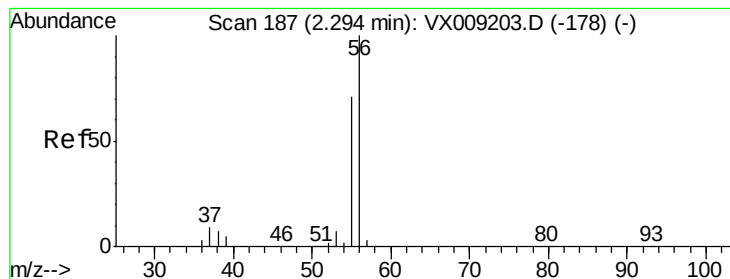
Tot Ion: 59 Resp: 121303
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 43.389 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 96 Resp: 75421
Ion Ratio Lower Upper
96 100
61 183.9 144.3 216.5
98 64.6 50.3 75.5





#13

Acrolein

Concen: 196.180 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

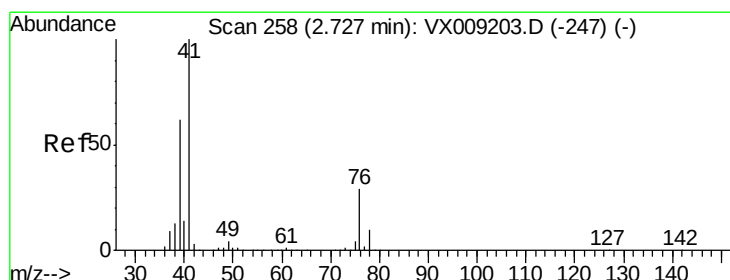
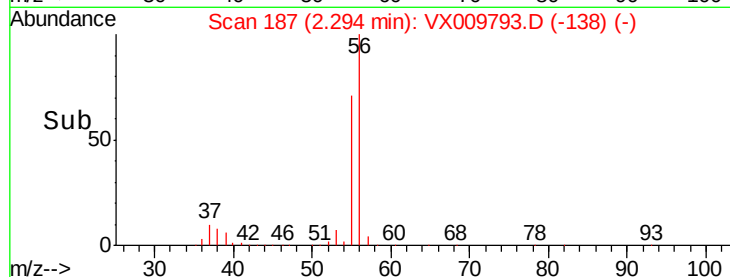
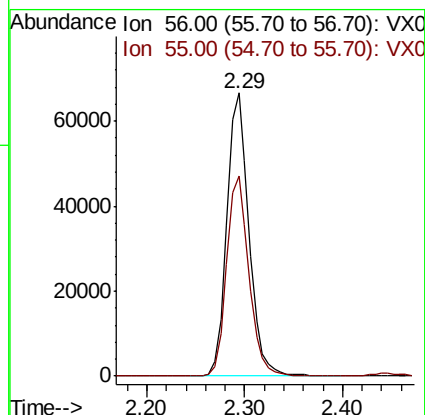
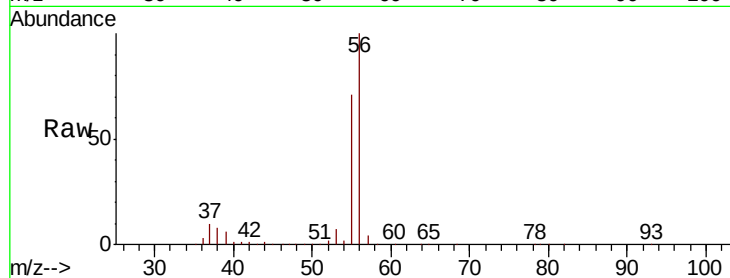
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 104005

Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



#14

Allyl chloride

Concen: 43.782 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

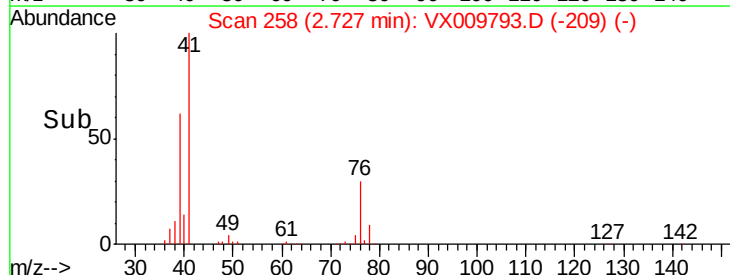
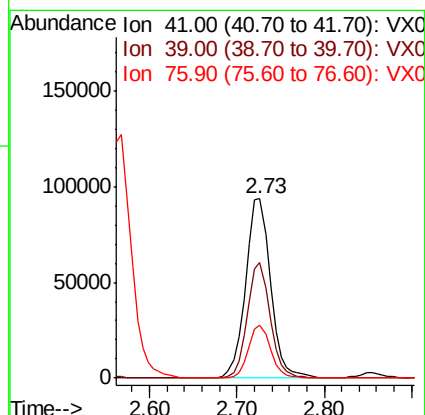
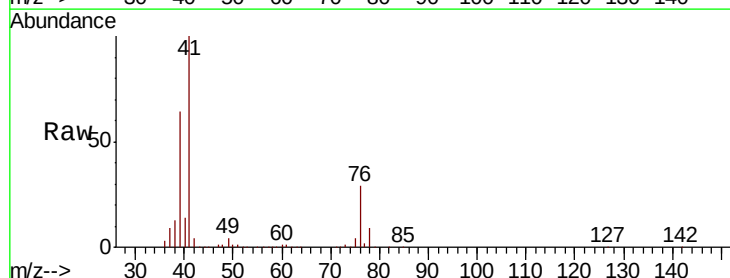
Tgt Ion: 41 Resp: 185465

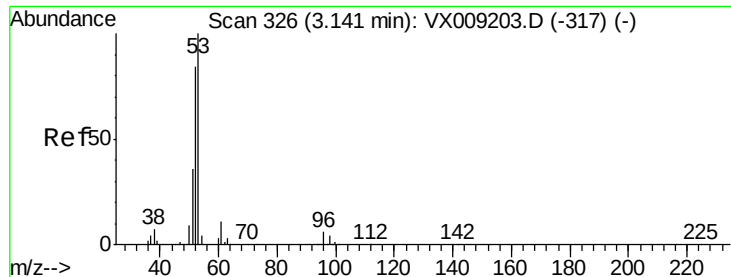
Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

76 26.4 21.8 32.8





#15

Acrylonitrile

Concen: 211.127 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

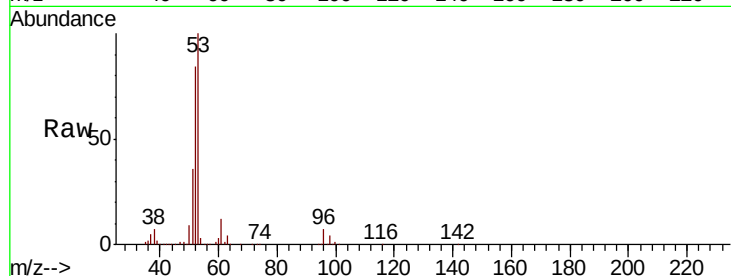
Tot Ion: 53 Resp: 302192

Ion Ratio Lower Upper

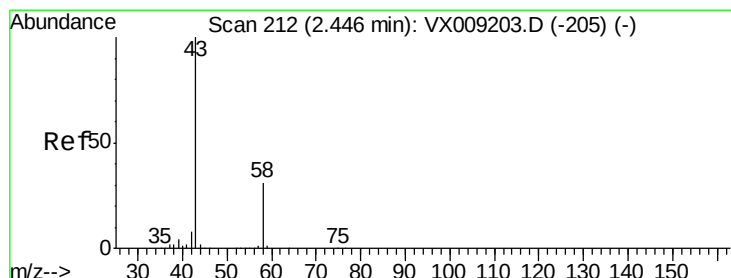
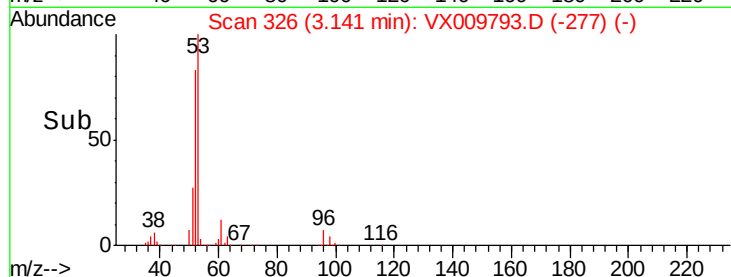
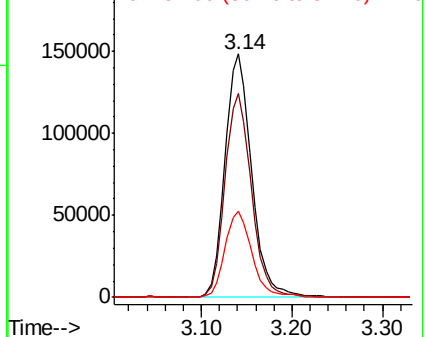
53 100

52 83.2 66.9 100.3

51 36.0 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: 254.481 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009793.D

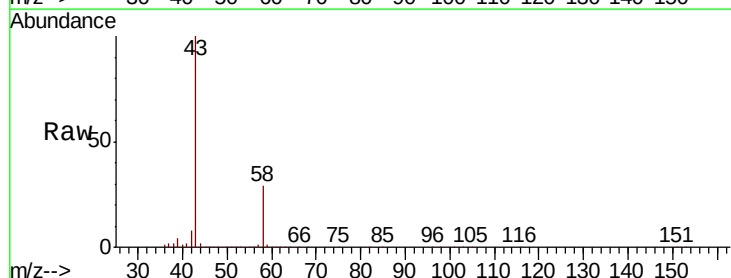
Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 345574

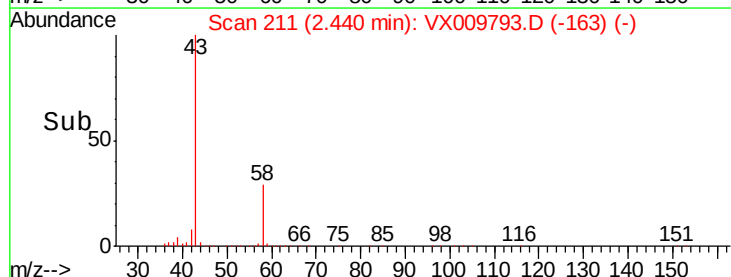
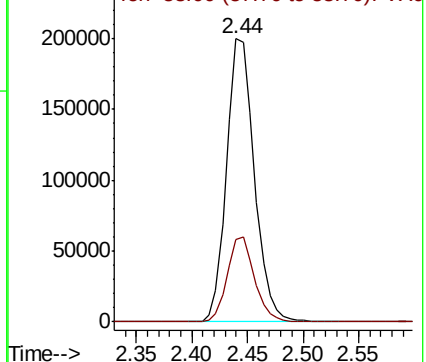
Ion Ratio Lower Upper

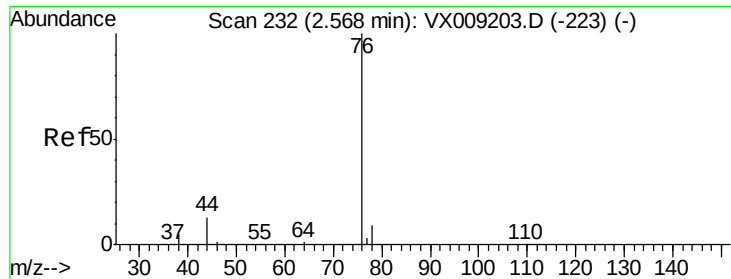
43 100

58 29.0 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: 46.220 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

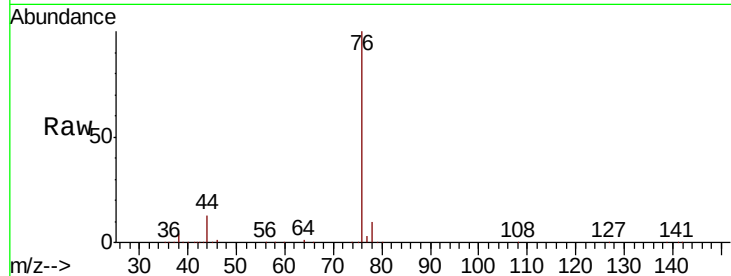
ClientSampled :

Tot Ion: 76 Resp: 225562

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

2.57

100000

50000

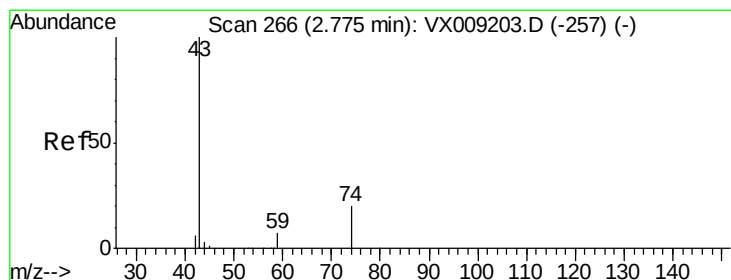
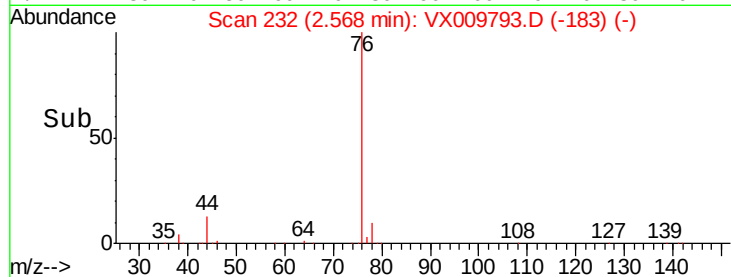
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 40.276 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009793.D

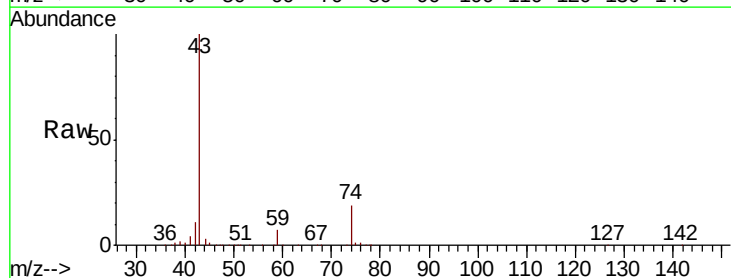
Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 130072

Ion Ratio Lower Upper

43 100

74 19.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

20000

0

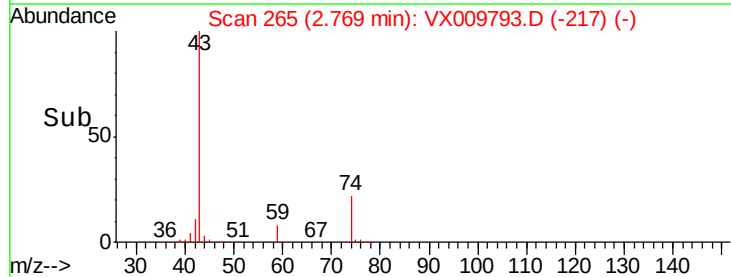
Time-->

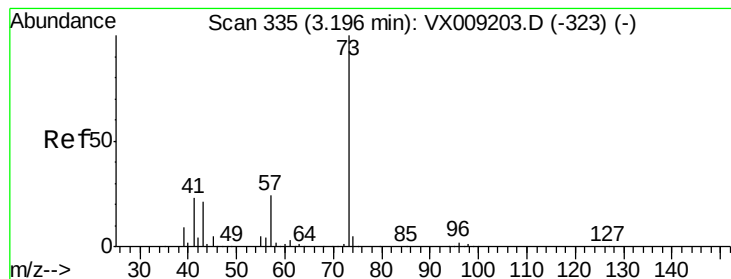
2.70

2.75

2.80

2.85



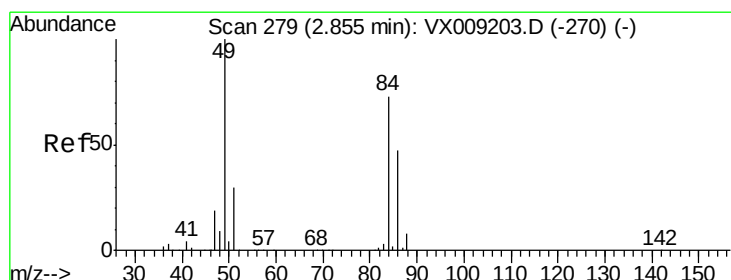
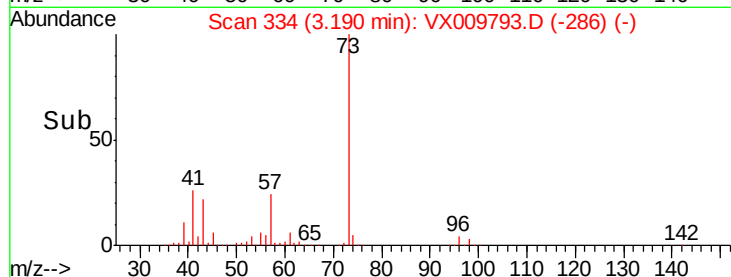
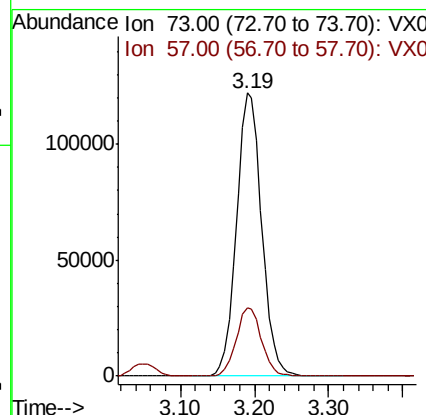
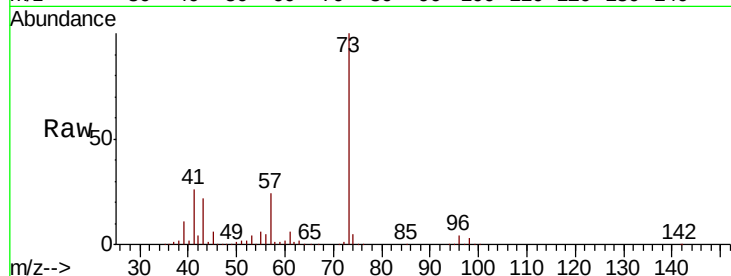


#19

Methvl tert-butvl Ether
 Concen: 42.770 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :

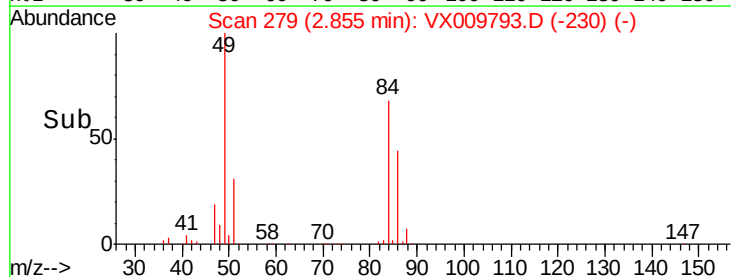
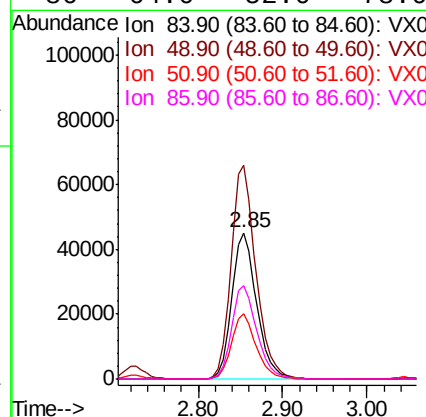
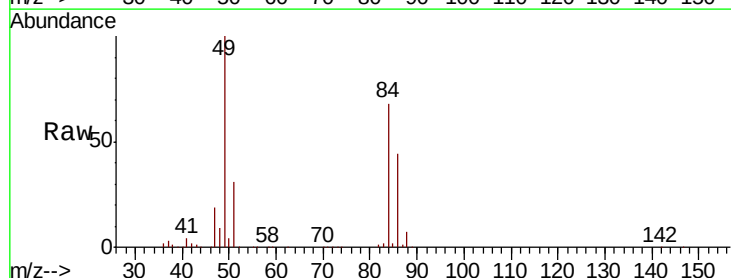
Tot Ion: 73 Resp: 288701
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.3 28.9

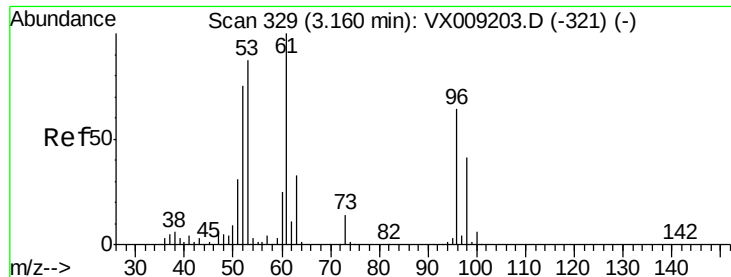


#20

Methylene Chloride
 Concen: 41.134 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 84 Resp: 90442
 Ion Ratio Lower Upper
 84 100
 49 145.9 109.9 164.9
 51 44.6 32.7 49.1
 86 64.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 43.799 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

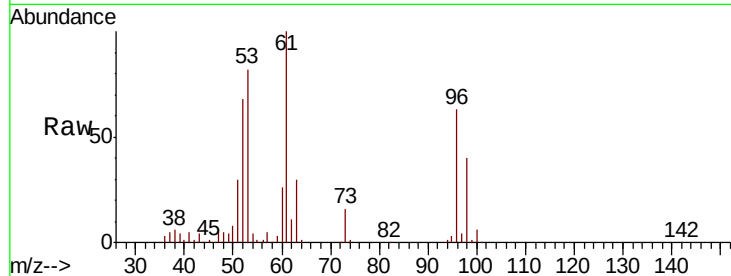
Tot Ion: 96 Resp: 82566

Ion Ratio Lower Upper

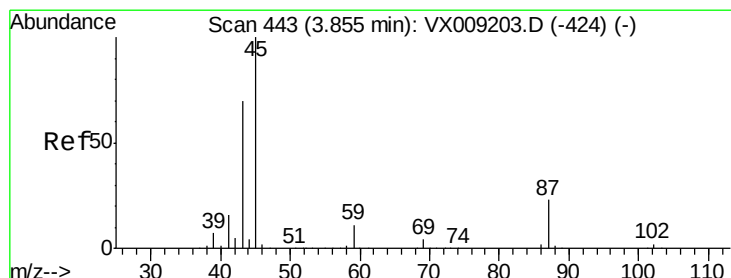
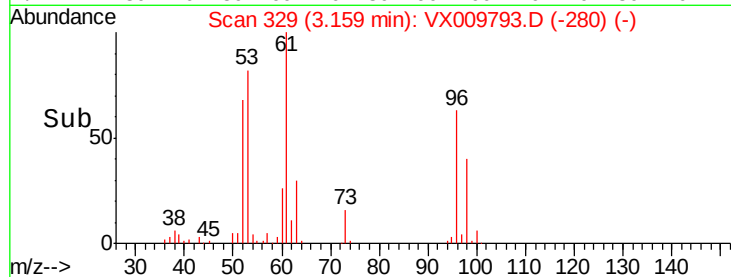
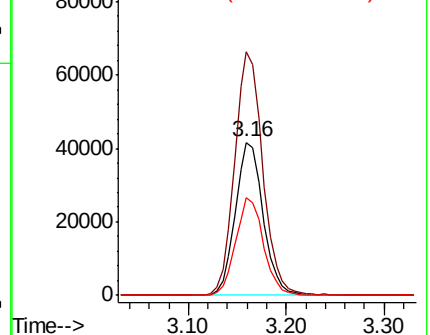
96 100

61 158.8 124.5 186.7

98 64.0 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: 43.963 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Tgt Ion: 45 Resp: 358146

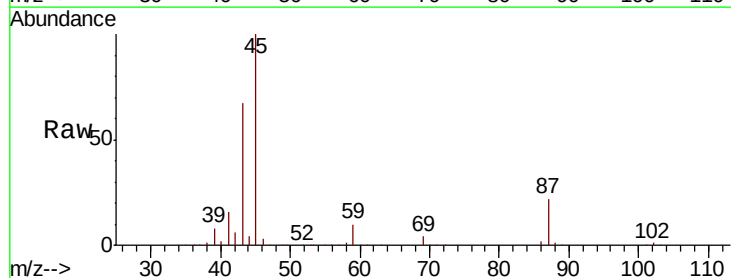
Ion Ratio Lower Upper

45 100

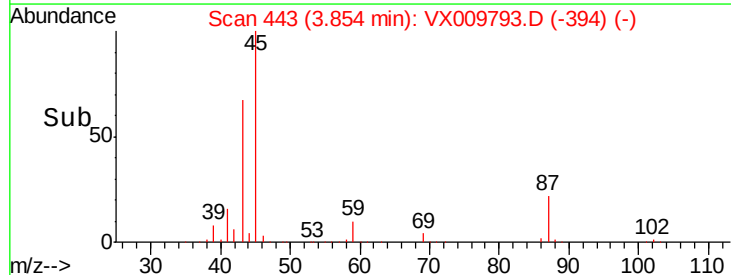
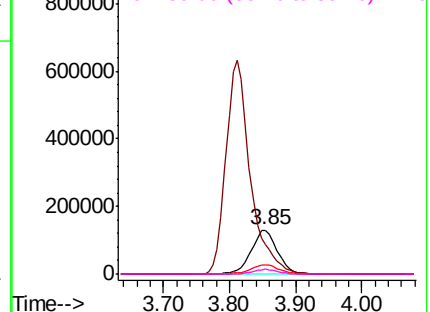
43 67.1 56.1 84.1

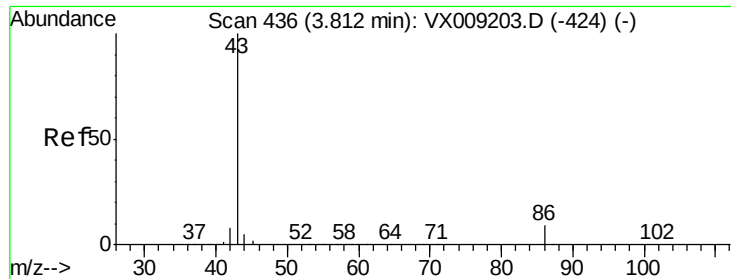
87 21.9 18.1 27.1

59 10.4 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: 231.867 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

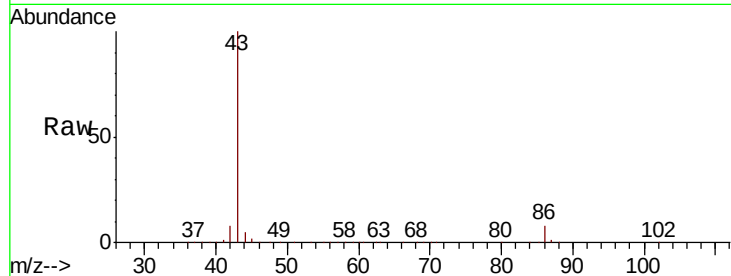
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1617490

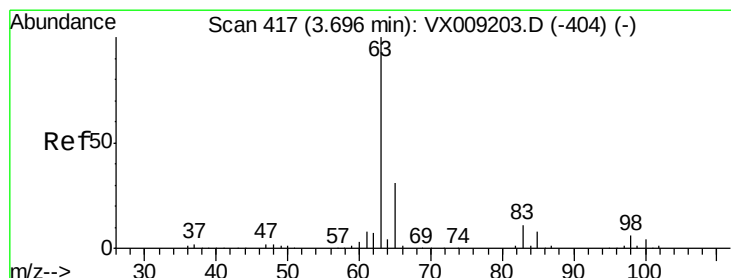
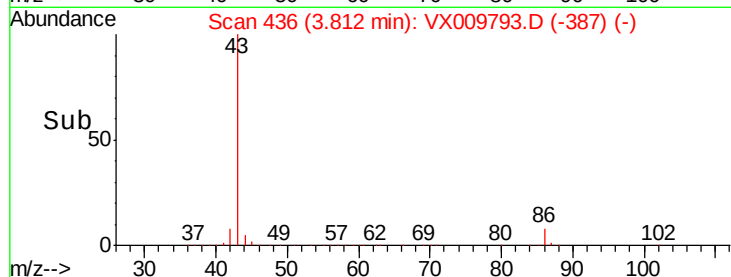
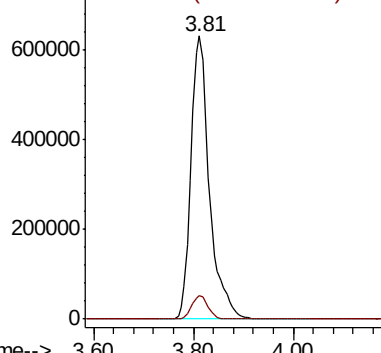
Ion Ratio Lower Upper

43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 42.957 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

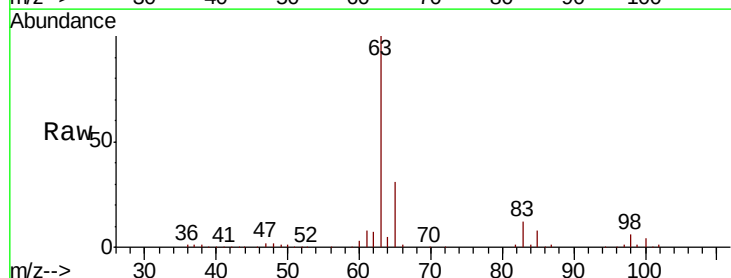
Tgt Ion: 63 Resp: 172635

Ion Ratio Lower Upper

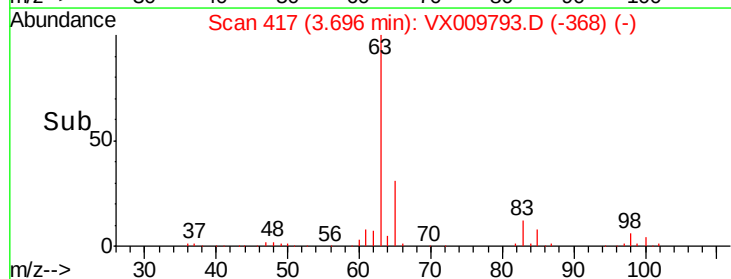
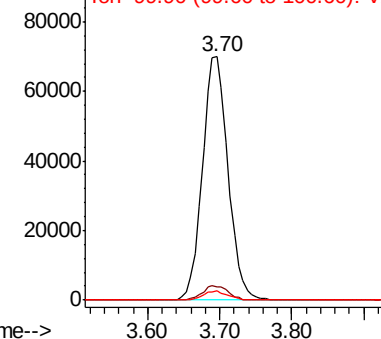
63 100

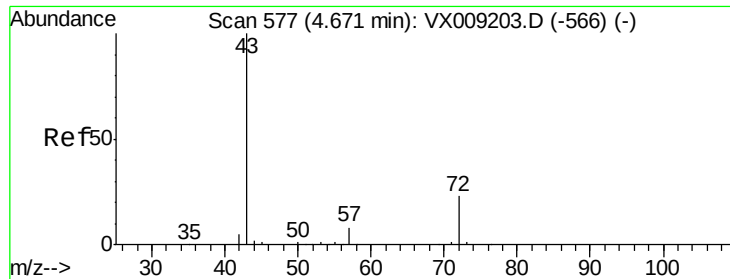
98 5.6 3.0 9.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 229.442 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

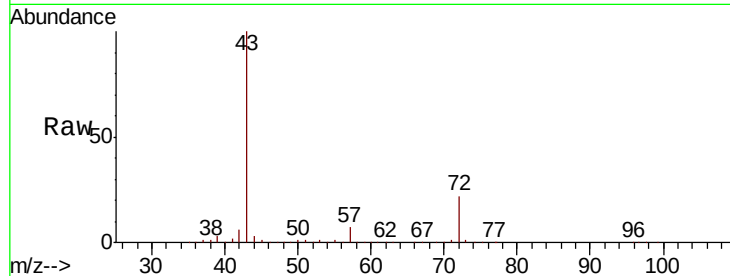
ClientSampleId :

Tot Ion: 43 Resp: 484174

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

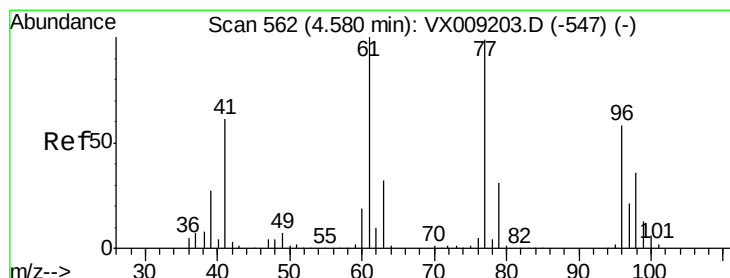
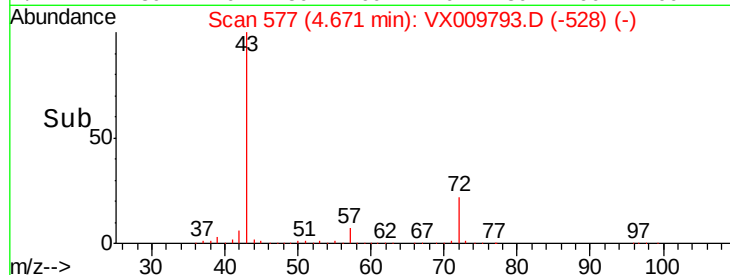
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.073 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009793.D

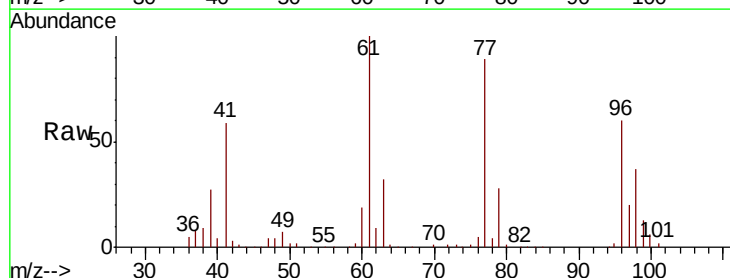
Acq: 22 May 2019 10:23

Tgt Ion: 77 Resp: 131836

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

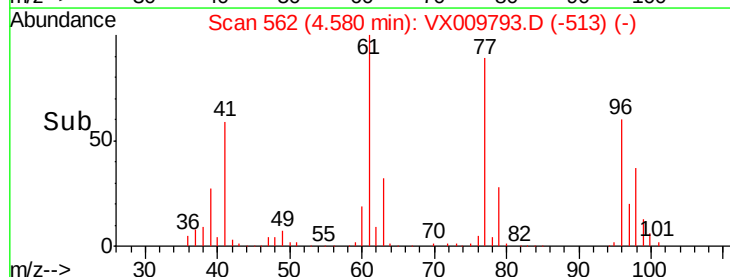
30000

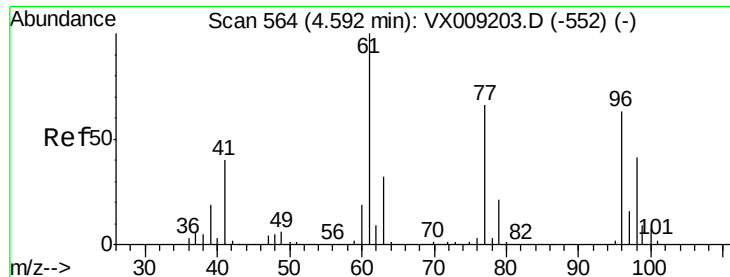
20000

10000

0

Time-->



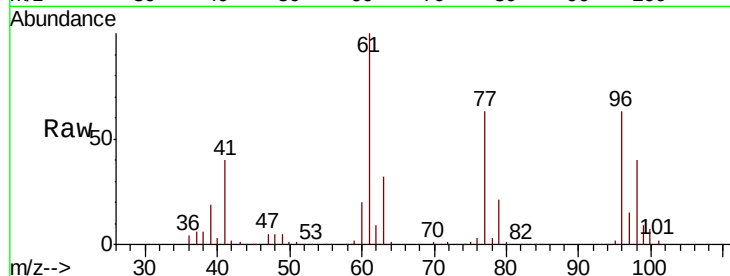


#27

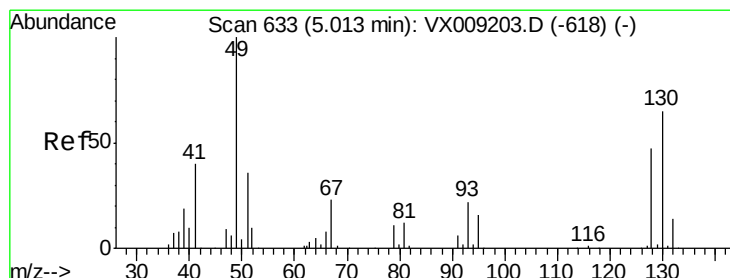
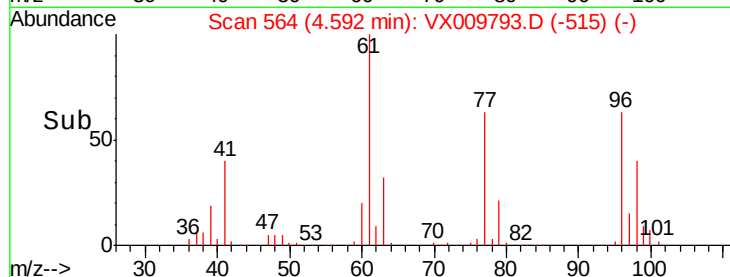
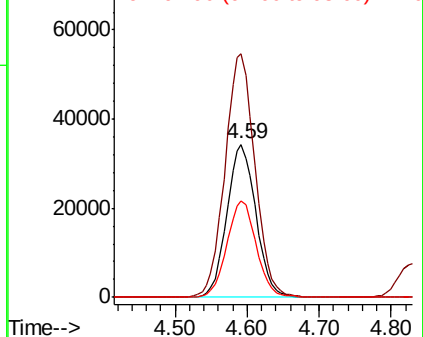
cis-1,2-Dichloroethene
Concen: 42.758 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	324.0
98	63.8	0.0	130.4



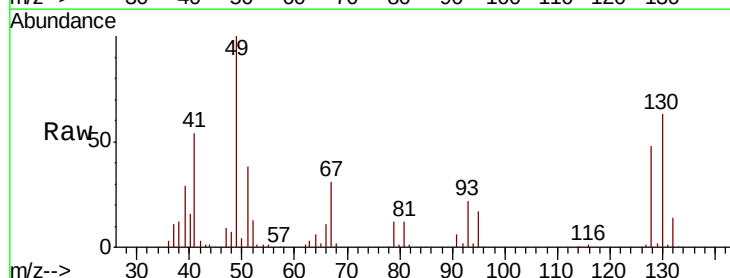
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



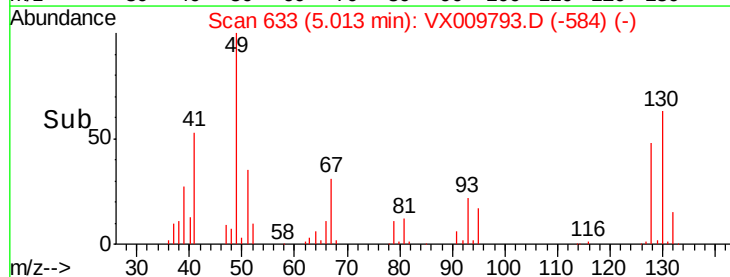
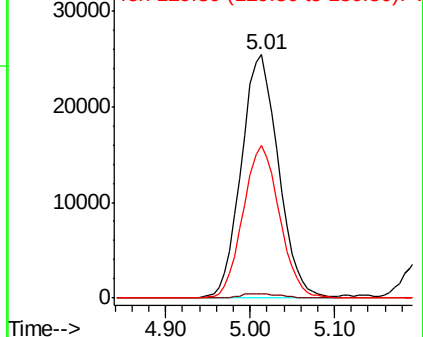
#28

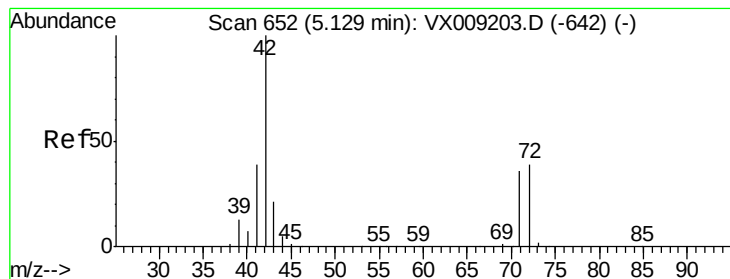
Bromochloromethane
Concen: 47.047 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	61.5	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: 220.042 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

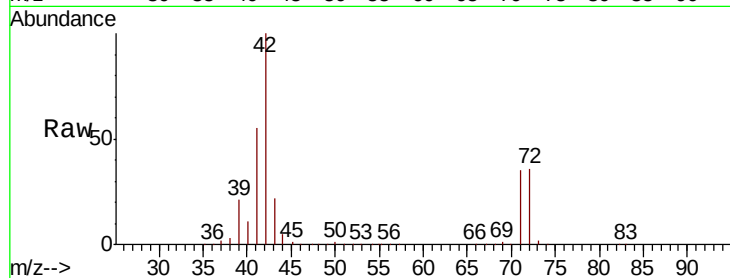
Tot Ion: 42 Resp: 298799

Ion Ratio Lower Upper

42 100

72 36.6 30.4 45.6

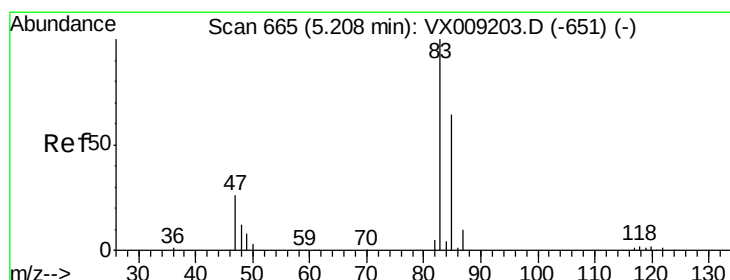
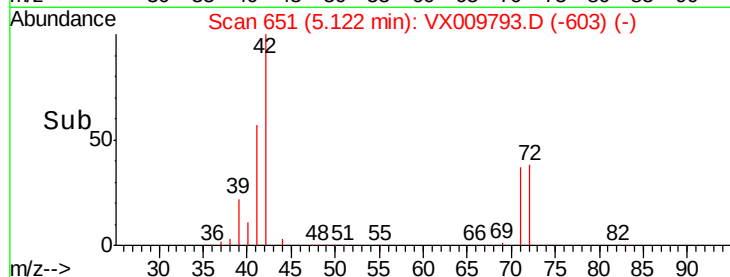
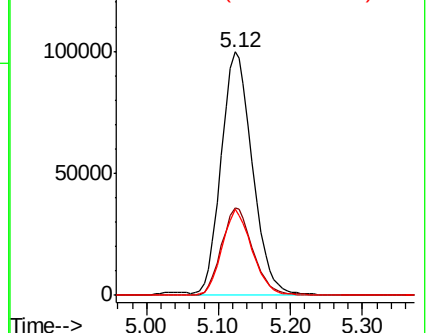
71 34.1 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.131 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009793.D

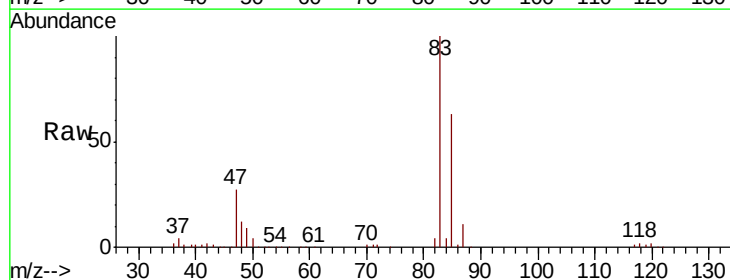
Acq: 22 May 2019 10:23

Tgt Ion: 83 Resp: 156770

Ion Ratio Lower Upper

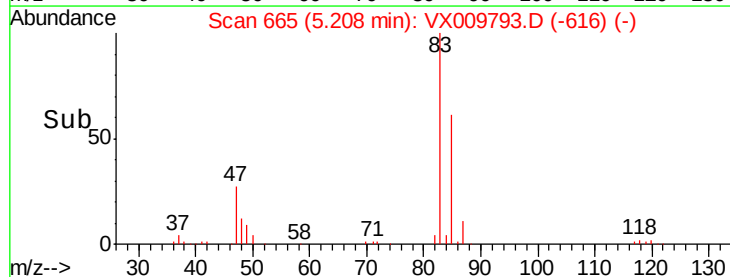
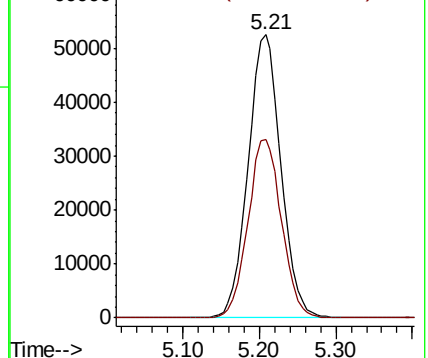
83 100

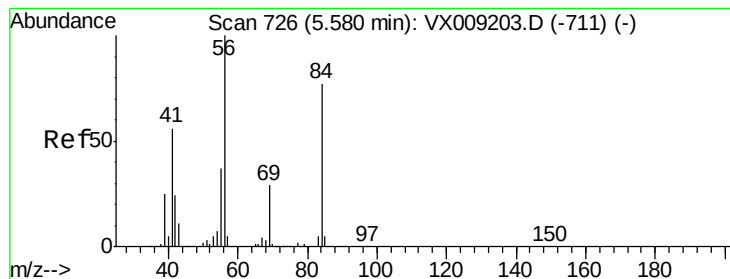
85 63.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.181 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

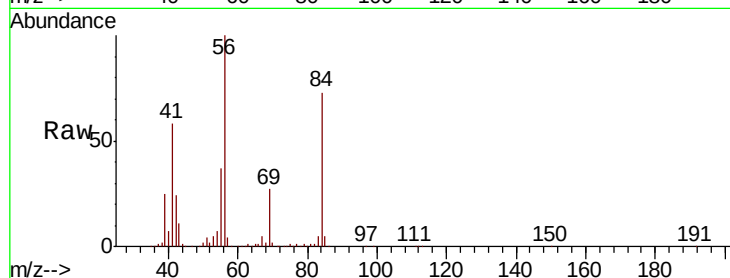
Tot Ion: 56 Resp: 172666

Ion Ratio Lower Upper

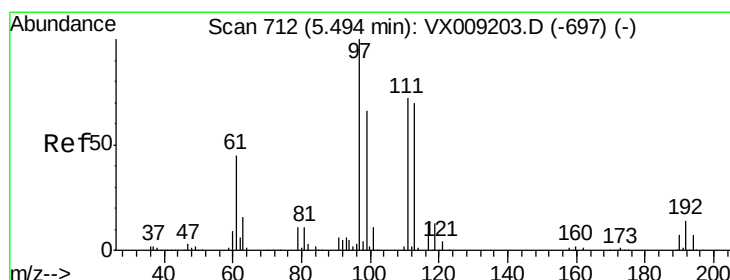
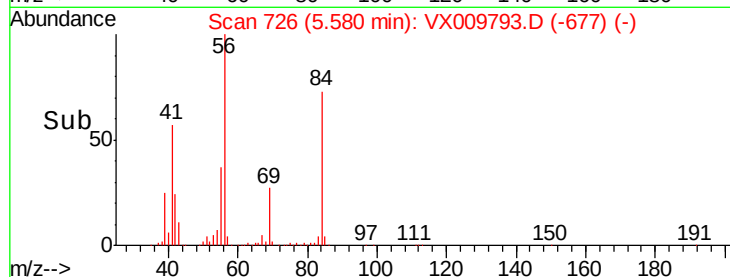
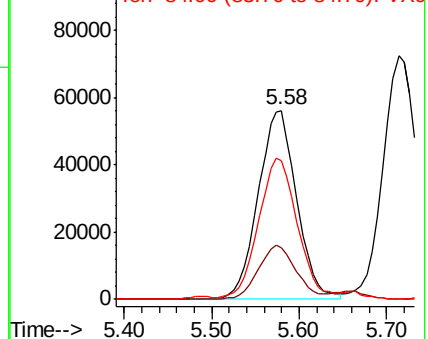
56 100

69 27.1 23.4 35.0

84 72.5 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 43.334 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

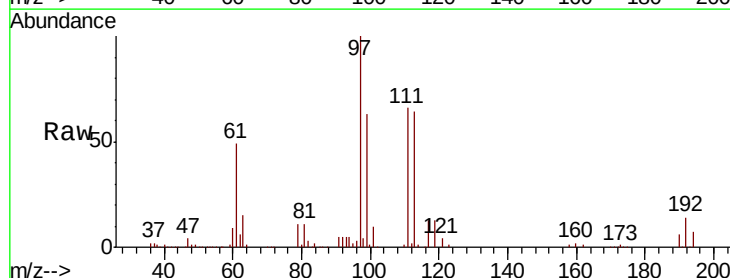
Tgt Ion: 97 Resp: 131116

Ion Ratio Lower Upper

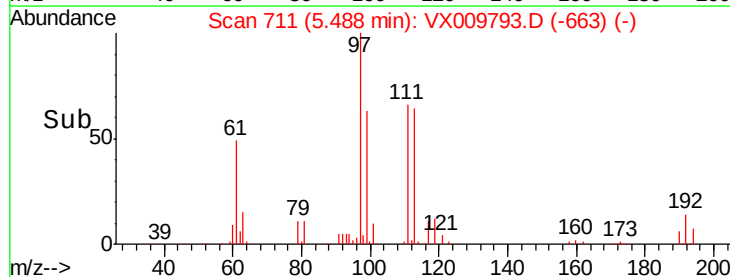
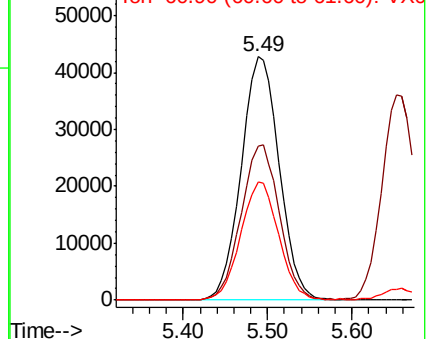
97 100

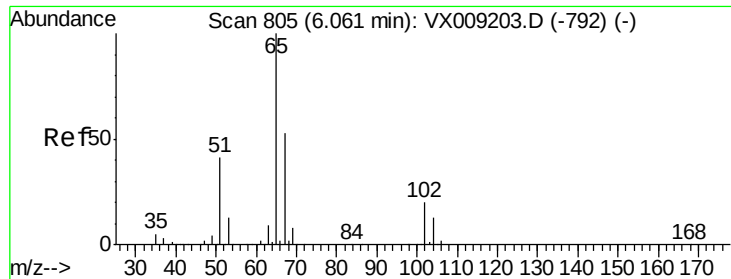
99 64.1 51.8 77.8

61 48.7 37.8 56.8



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

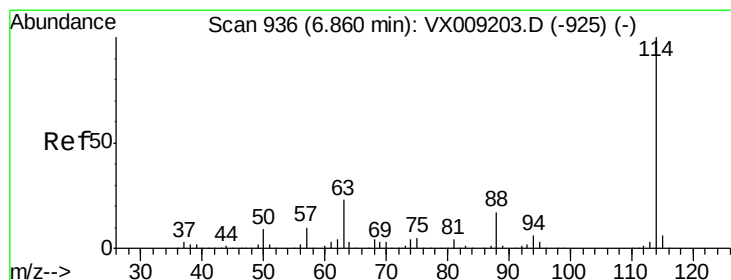
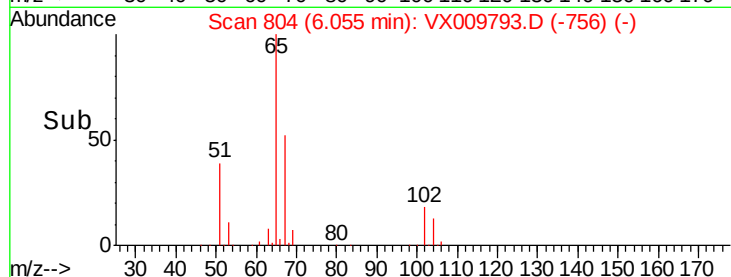
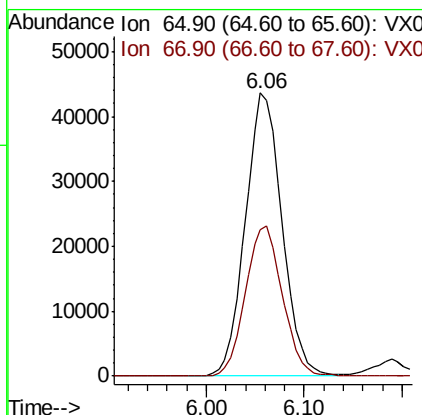
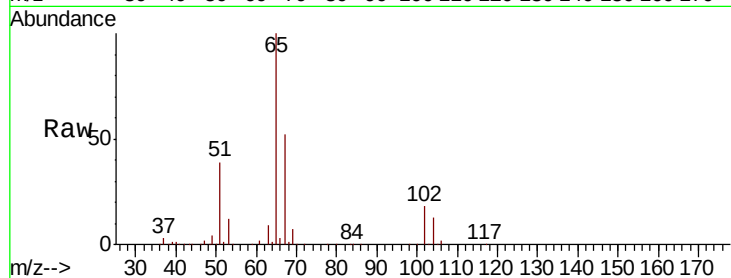




#33
 1,2-Dichloroethane-d4
 Concen: 44.948 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

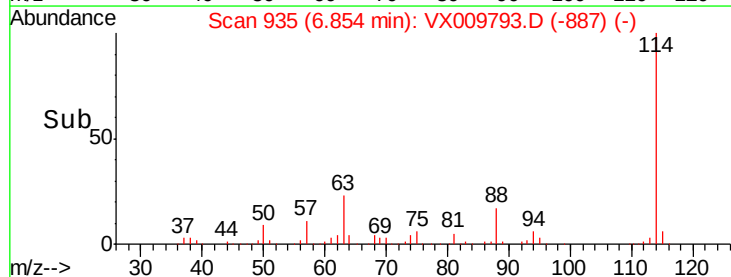
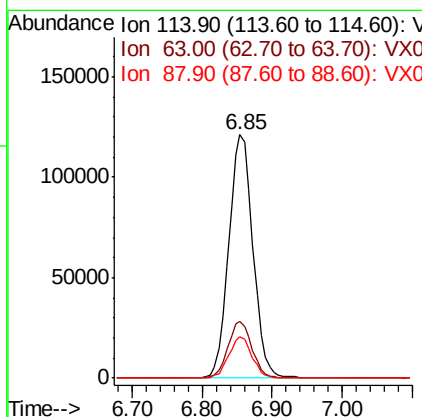
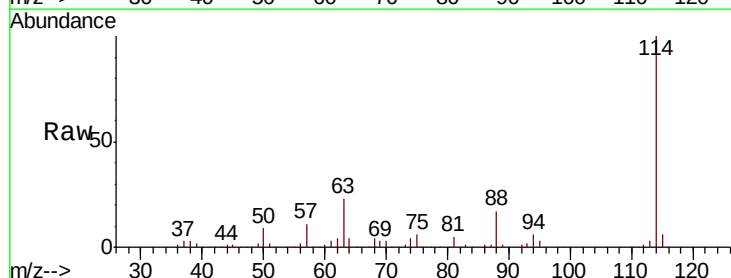
Instrument :
 MSVOA_X
 ClientSampleId :

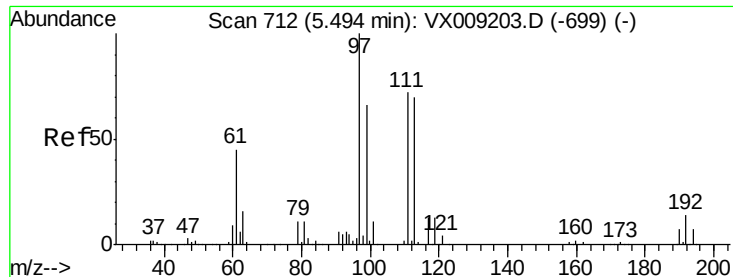
Tot Ion: 65 Resp: 113673
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 114 Resp: 290184
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 17.0 0.0 33.2

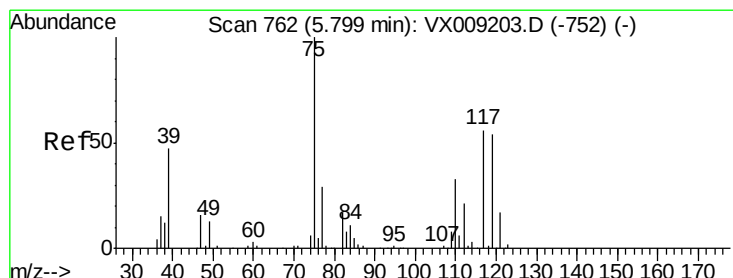
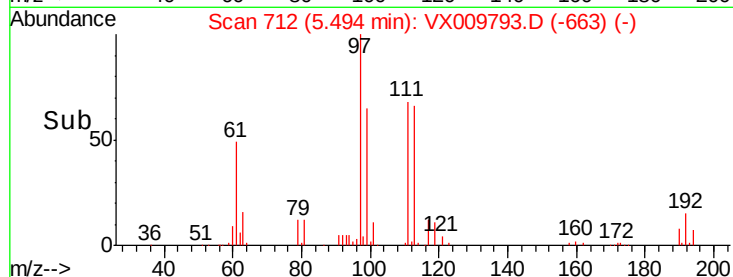
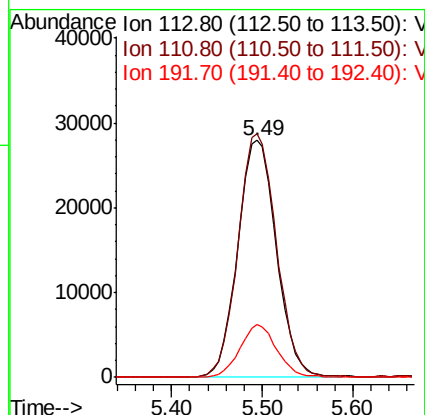
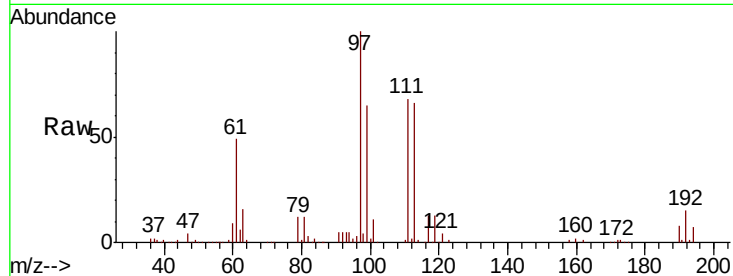




#35
 Dibromofluoromethane
 Concen: 45.237 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

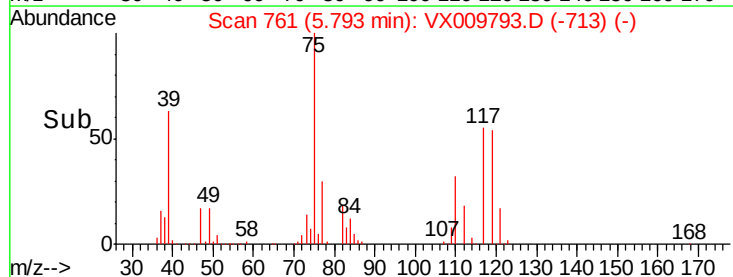
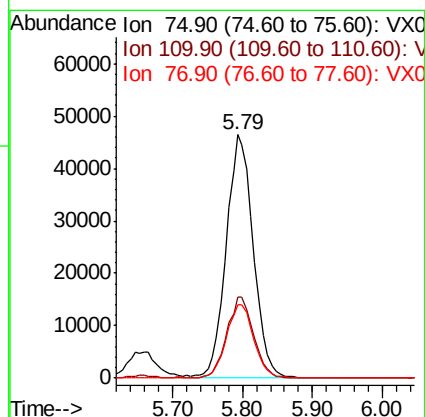
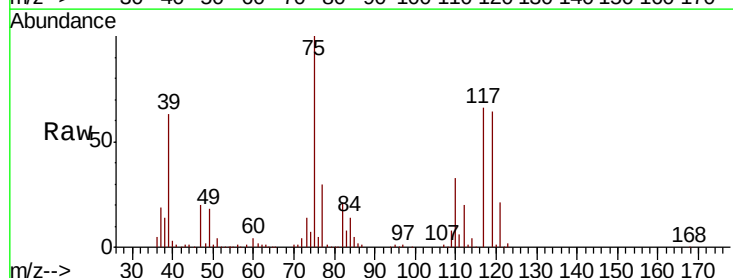
Instrument :
 MSVOA_X
 ClientSampled :

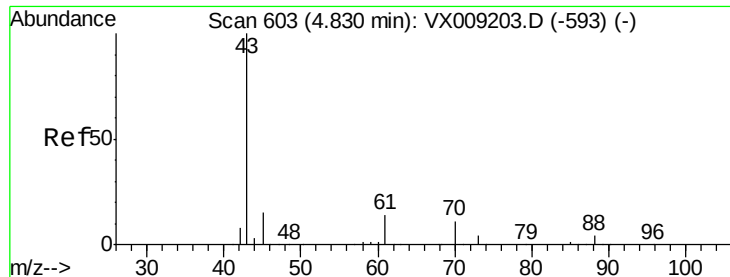
Tot Ion:113 Resp: 82522
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.965 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 75 Resp: 123954
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.9 50.6
 77 30.9 24.8 37.2

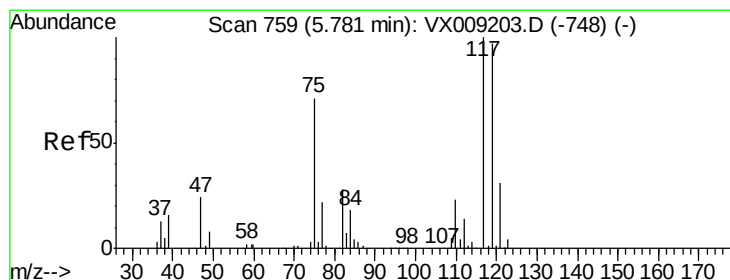
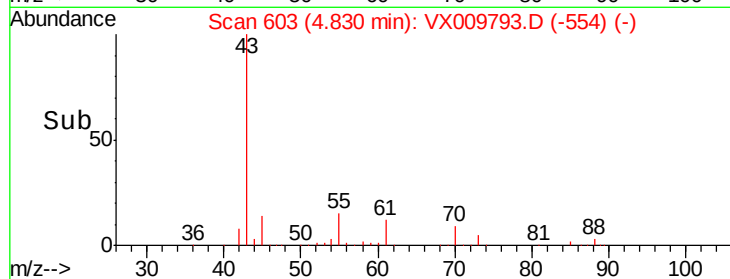
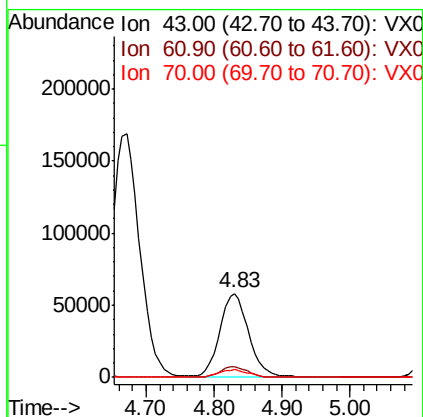
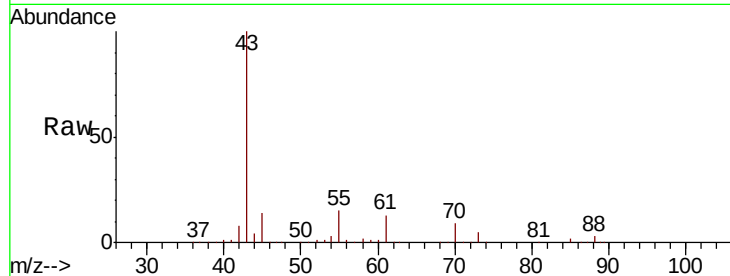




#37
Ethyl Acetate
Concen: 45.377 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

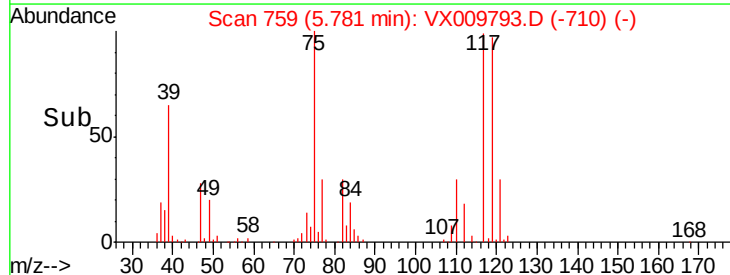
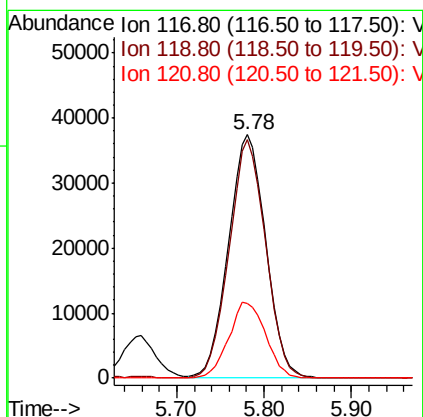
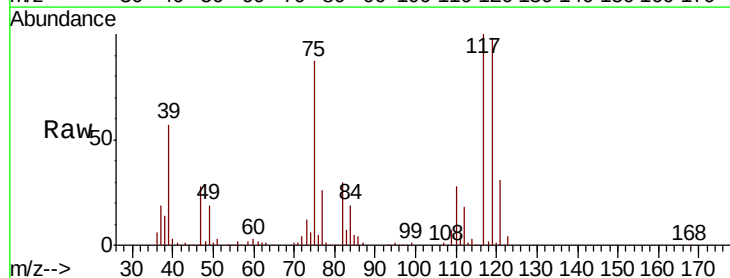
Instrument :
MSVOA_X
ClientSampled :

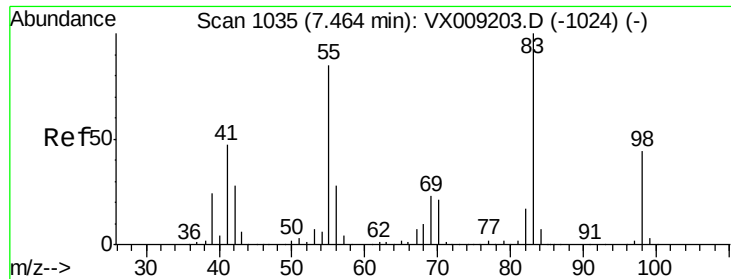
Tot Ion: 43 Resp: 170496
Ion Ratio Lower Upper
43 100
61 12.4 10.5 15.7
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 44.975 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 117 Resp: 110194
Ion Ratio Lower Upper
117 100
119 97.9 77.5 116.3
121 30.8 24.7 37.1

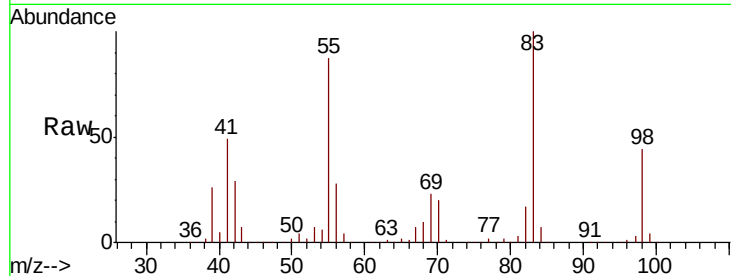




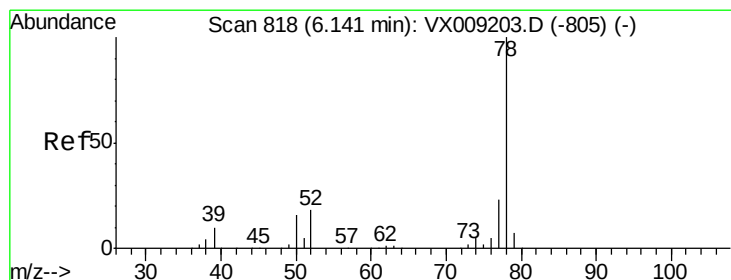
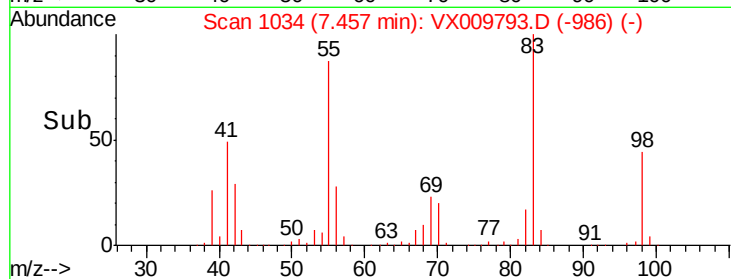
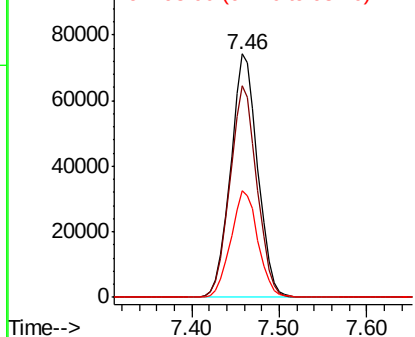
#39
Methylvlcyclohexane
Concen: 48.055 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 159148
Ion Ratio Lower Upper
83 100
55 86.7 67.7 101.5
98 44.0 35.5 53.3

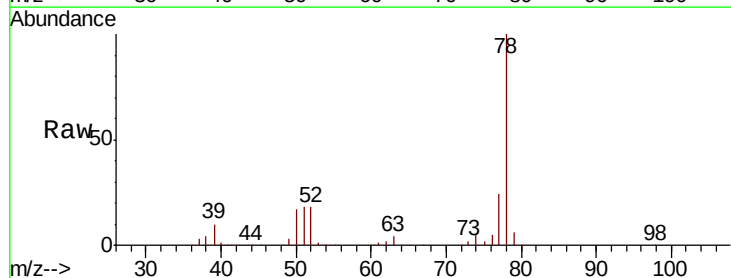


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

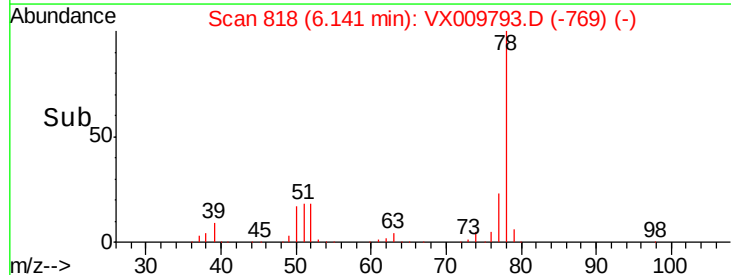
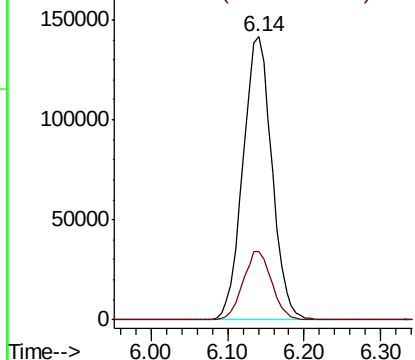


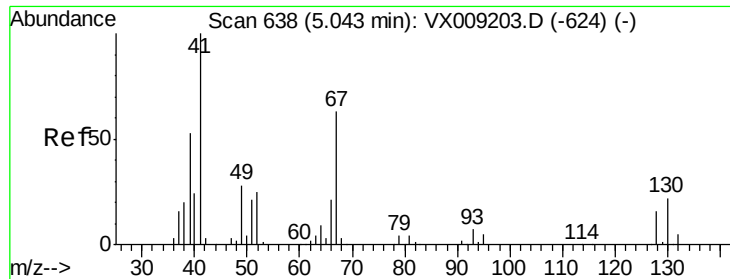
#40
Benzene
Concen: 44.707 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 78 Resp: 373122
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



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

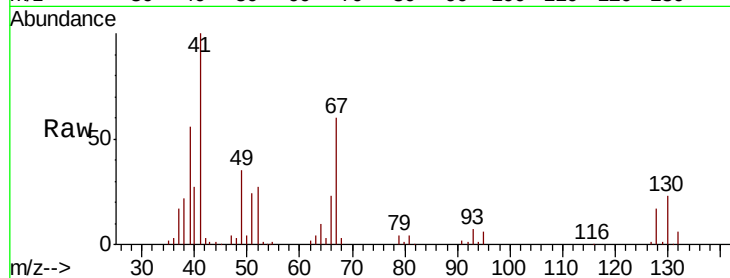




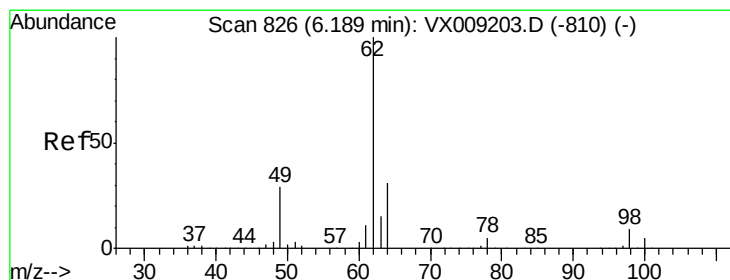
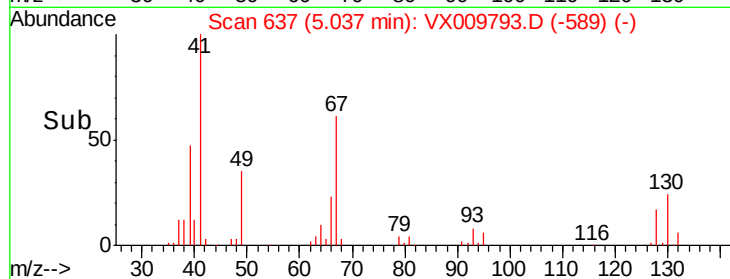
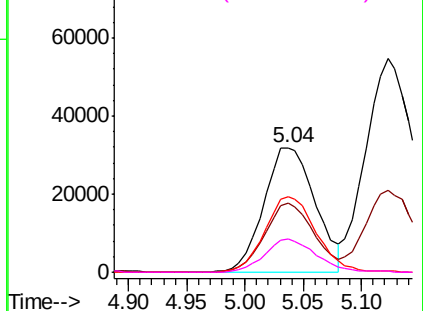
#41
Methacrylonitrile
Concen: 43.611 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	97541
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.0	63.0
67	60.8	49.8	74.8
52	27.2	20.3	30.5

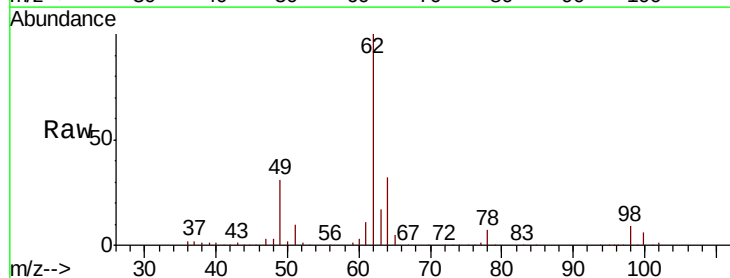


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

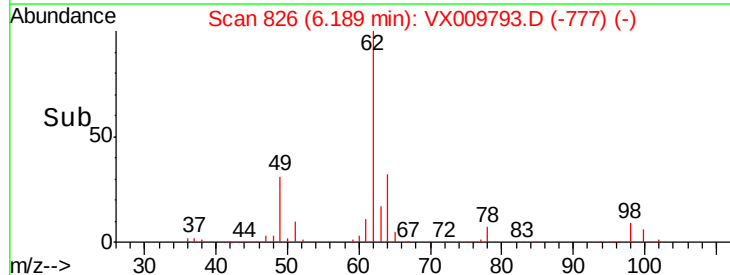
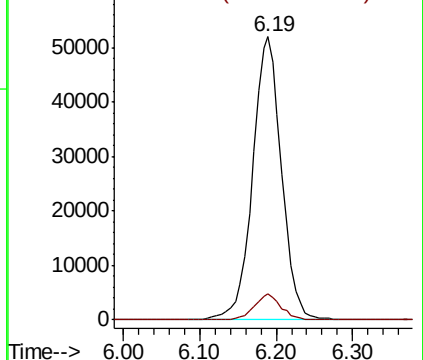


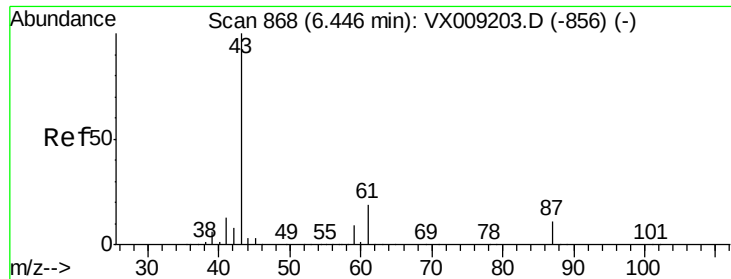
#42
1,2-Dichloroethane
Concen: 45.598 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:	62	Resp:	136512
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



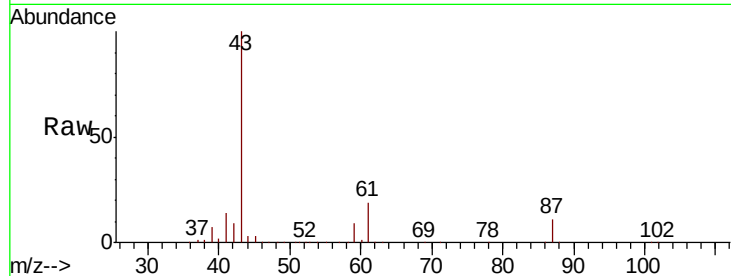


#43

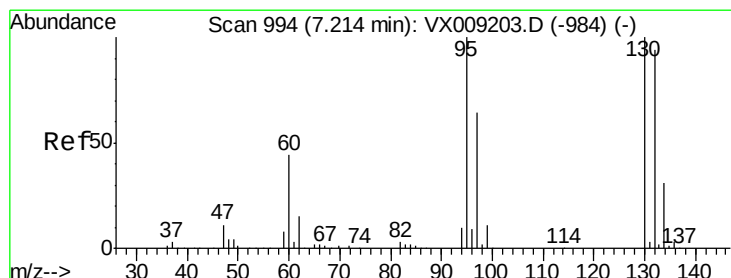
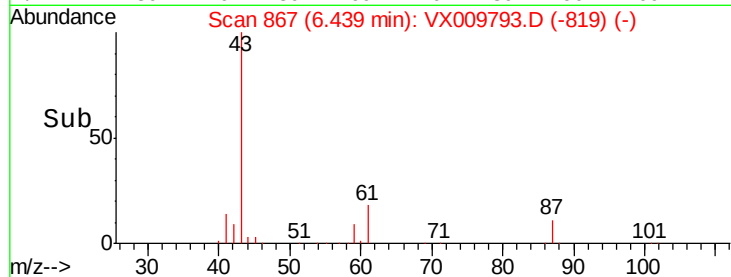
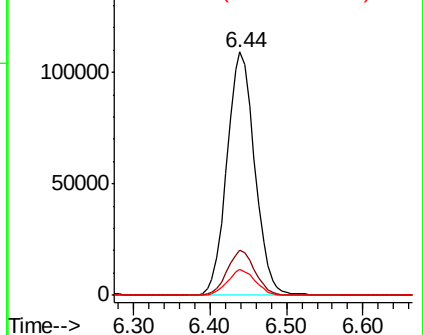
Isopropyl Acetate
 Concen: 45.429 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 273028
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.1 22.7
 87 10.8 9.0 13.6



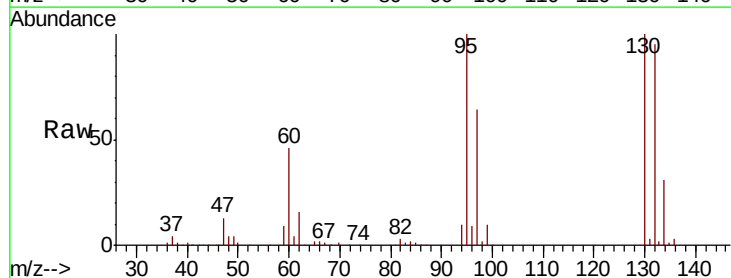
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



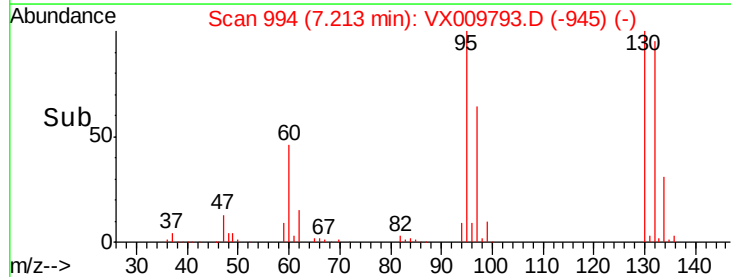
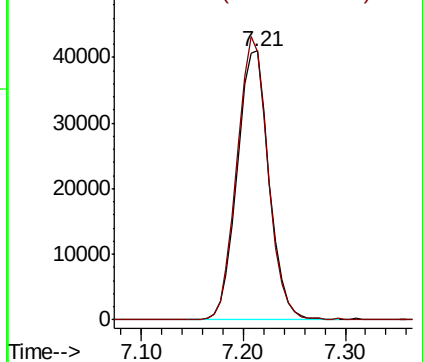
#44

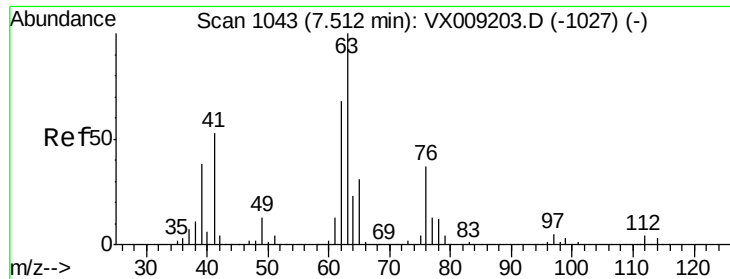
Trichloroethene
 Concen: 44.232 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:130 Resp: 89244
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 199.2



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

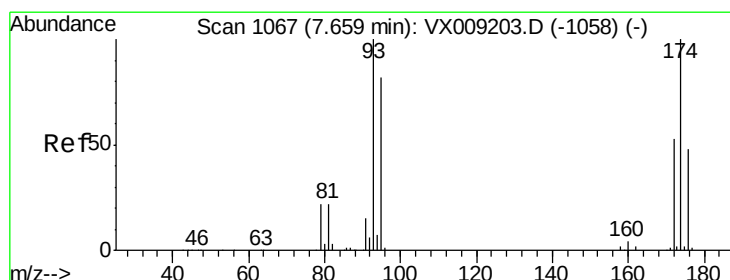
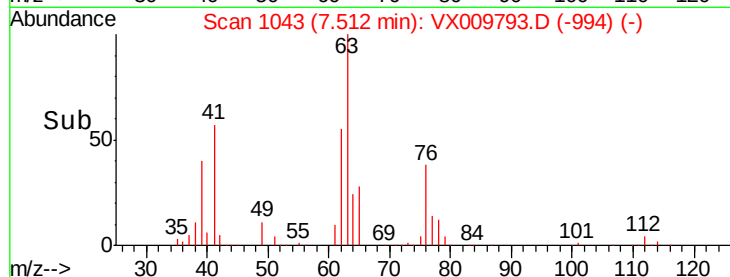
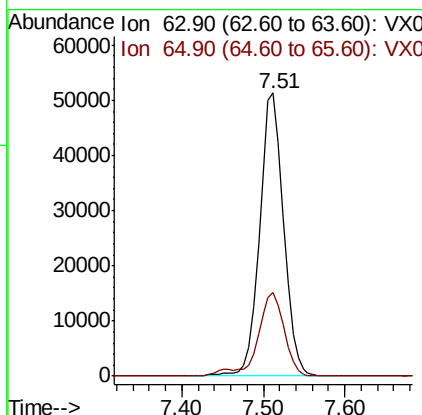
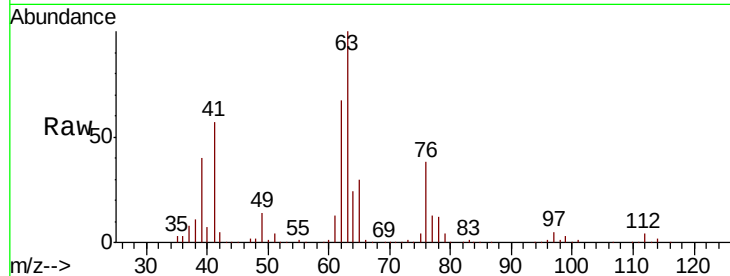




#45
 1,2-Dichloropropane
 Concen: 44.758 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

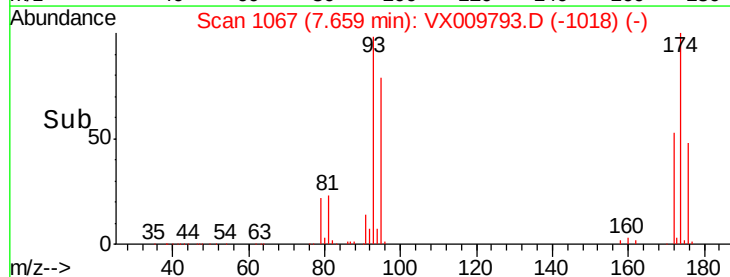
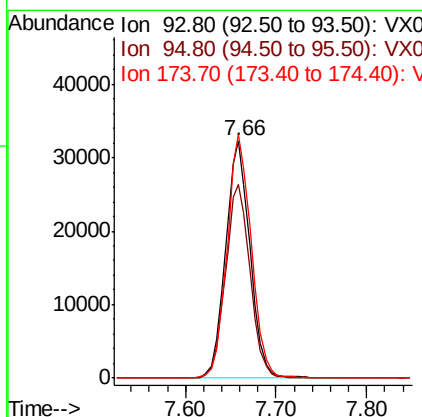
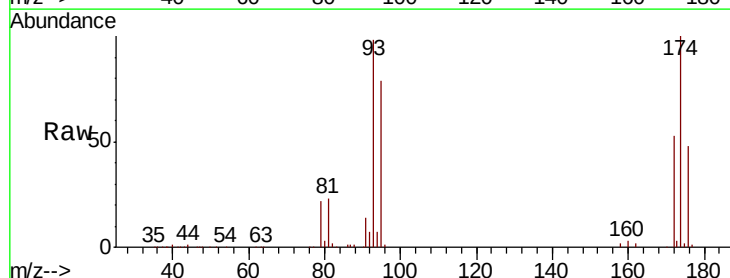
Instrument :
 MSVOA_X
 ClientSampled :

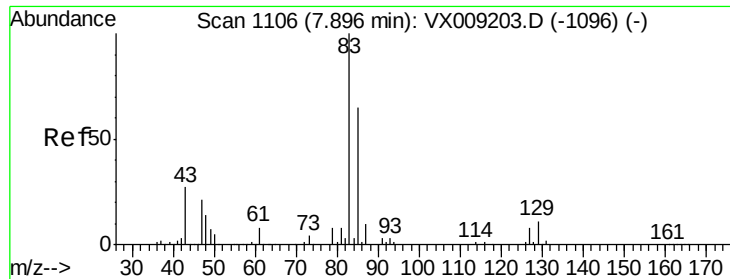
Tot Ion: 63 Resp: 105773
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 44.173 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 93 Resp: 60620
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 102.4 82.1 123.1





#47

Bromodichloromethane

Concen: 44.705 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

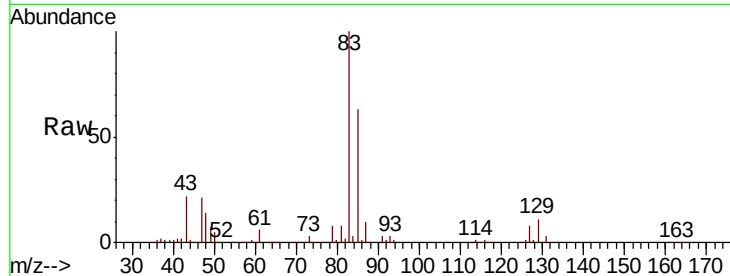
Tot Ion: 83 Resp: 122378

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

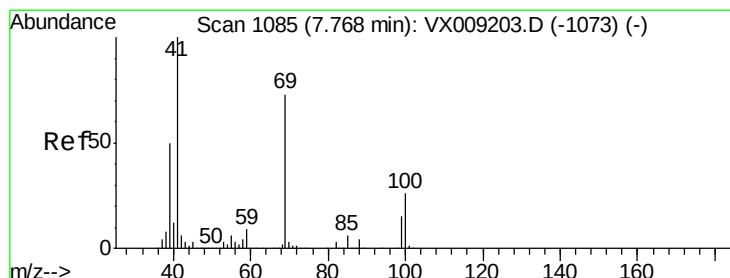
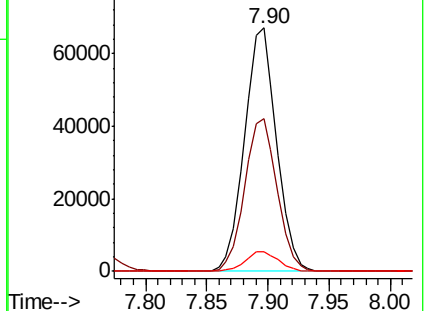
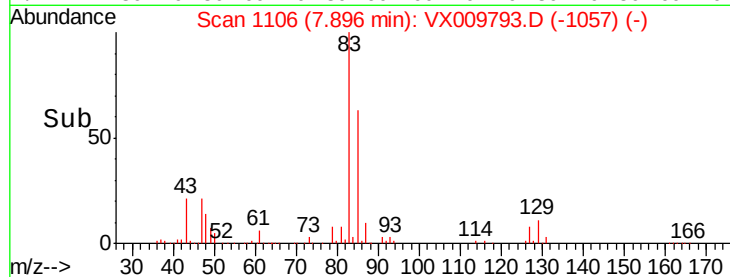
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.518 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

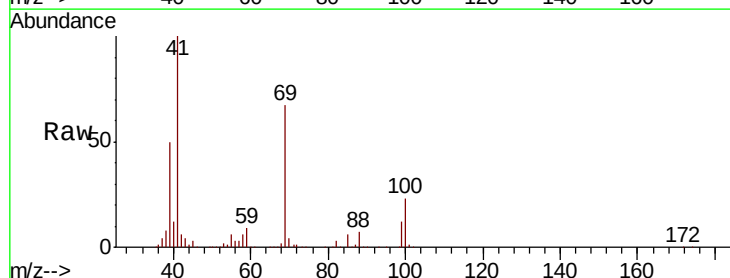
Tgt Ion: 41 Resp: 138705

Ion Ratio Lower Upper

41 100

69 71.0 59.1 88.7

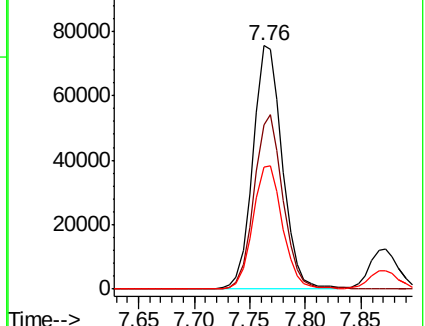
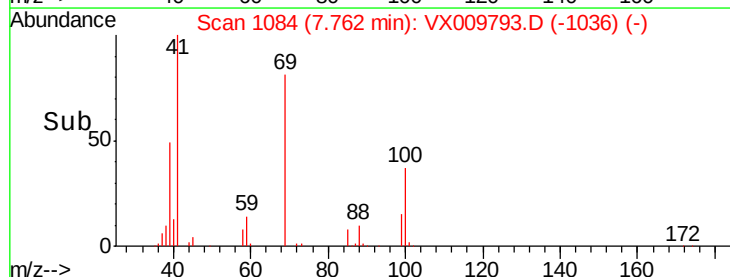
39 51.0 40.4 60.6

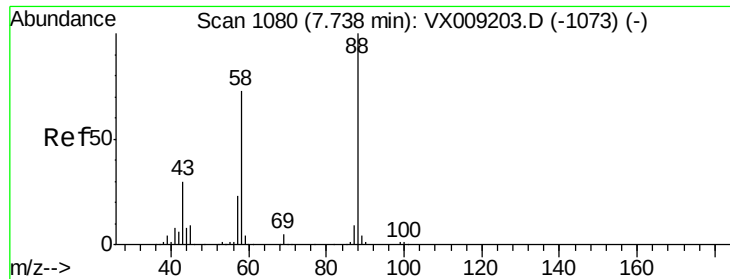


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

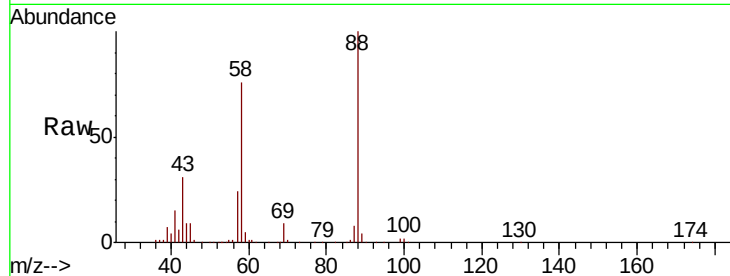




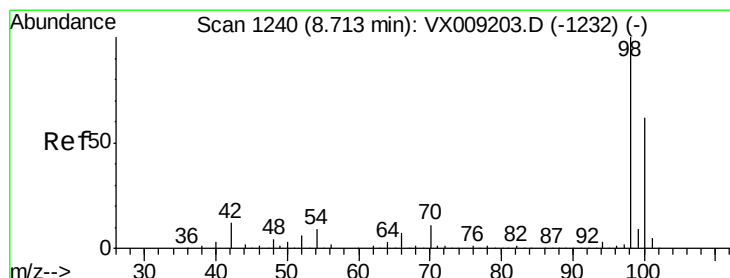
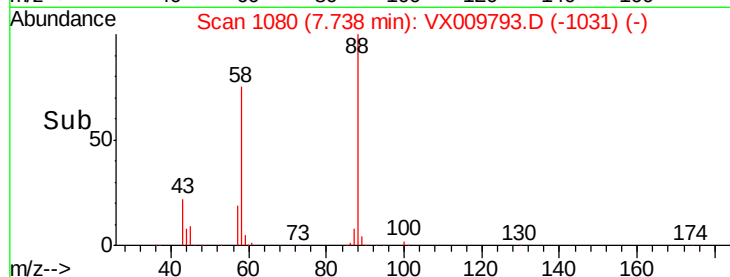
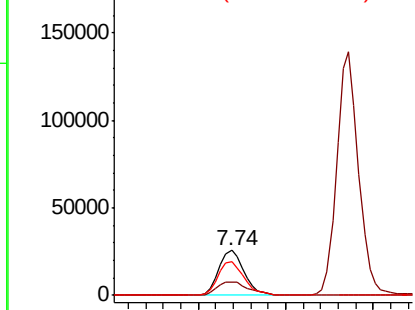
#49
1,4-Dioxane
Concen: 850.501 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 51429
Ion Ratio Lower Upper
88 100
43 37.3 28.6 42.8
58 78.2 61.7 92.5

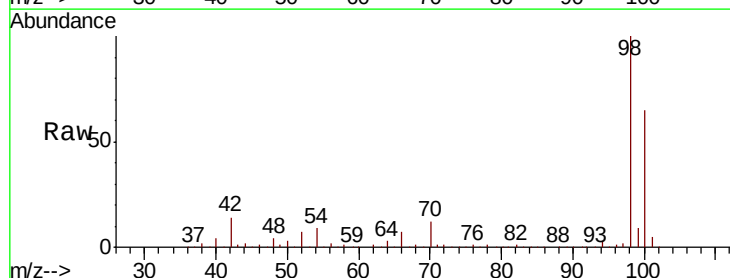


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

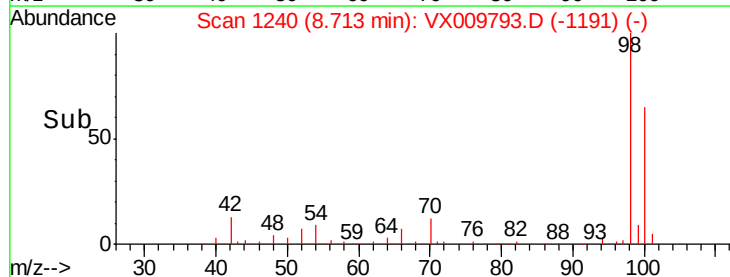
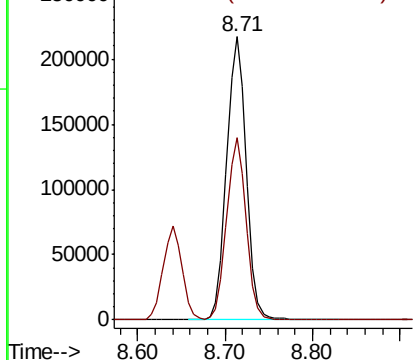


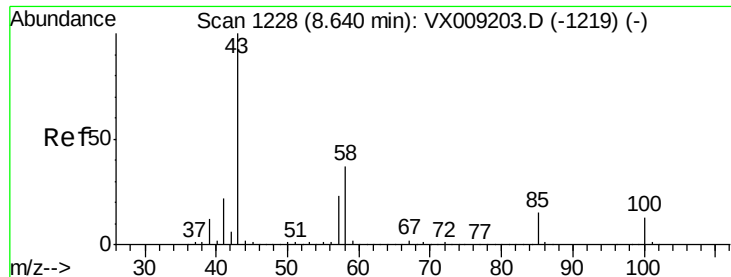
#50
Toluene-d8
Concen: 45.825 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 98 Resp: 337495
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 230.078 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

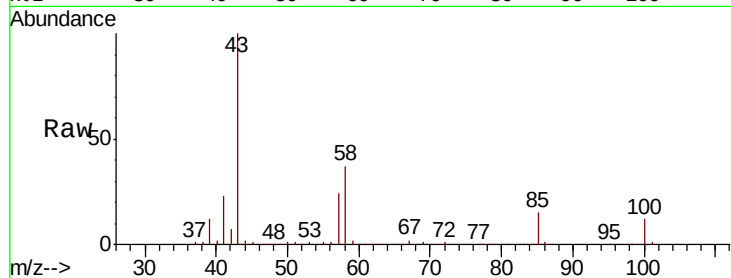
ClientSampleId :

Tot Ion: 43 Resp: 903814

Ion Ratio Lower Upper

43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

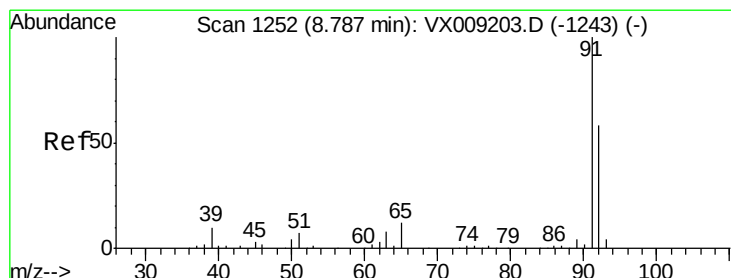
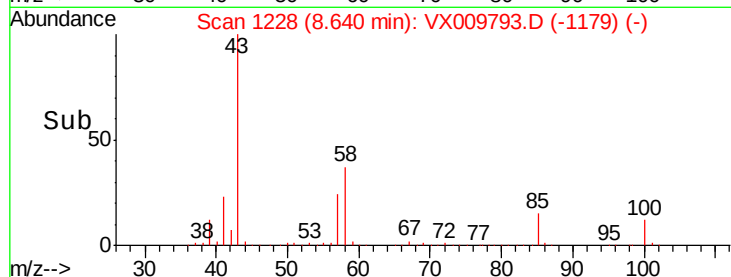
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 44.942 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009793.D

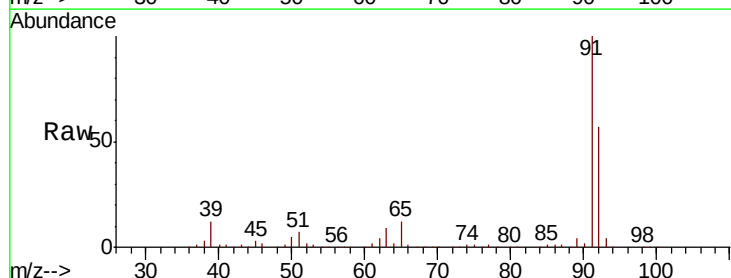
Acq: 22 May 2019 10:23

Tgt Ion: 92 Resp: 227999

Ion Ratio Lower Upper

92 100

91 175.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

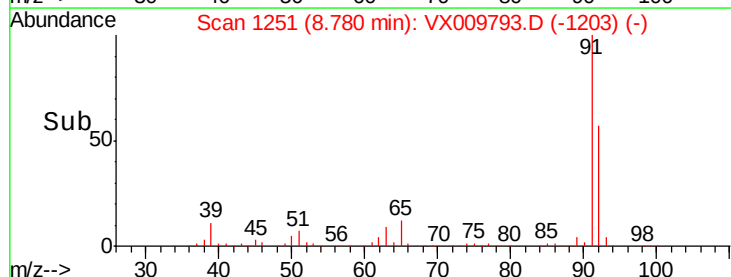
150000

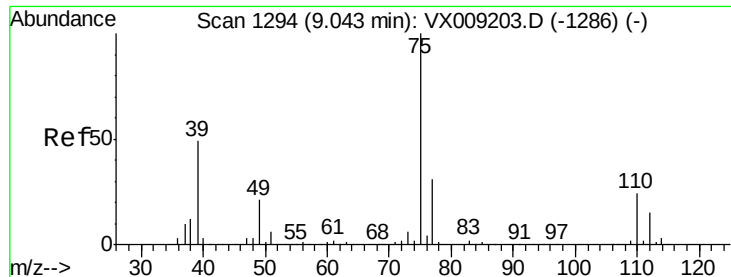
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.613 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

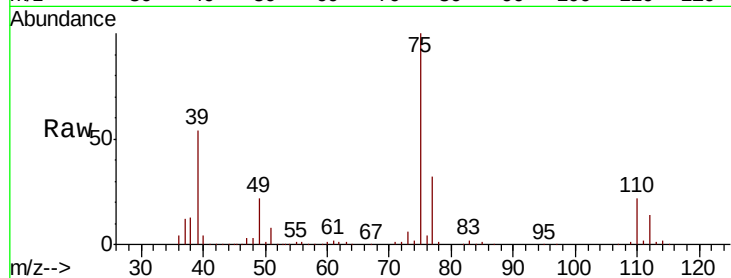
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 144064

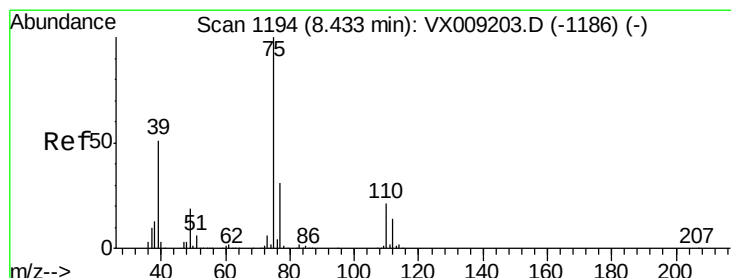
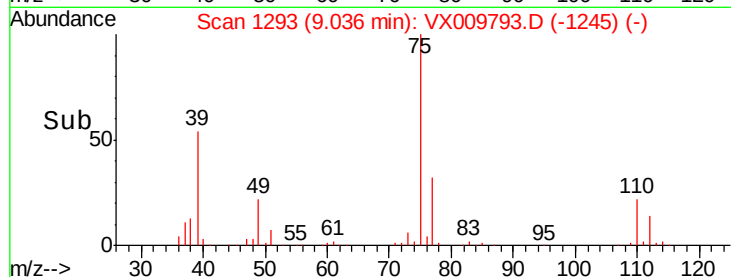
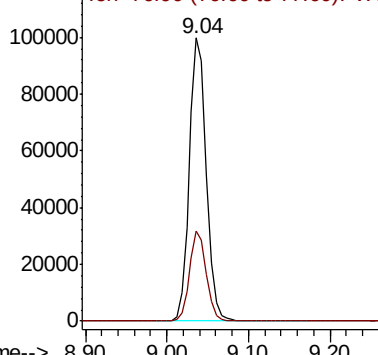
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.625 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

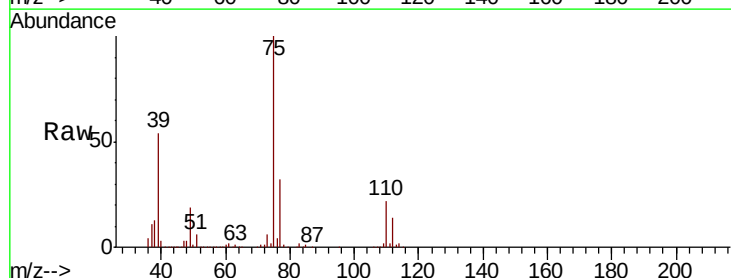
Tgt Ion: 75 Resp: 159496

Ion Ratio Lower Upper

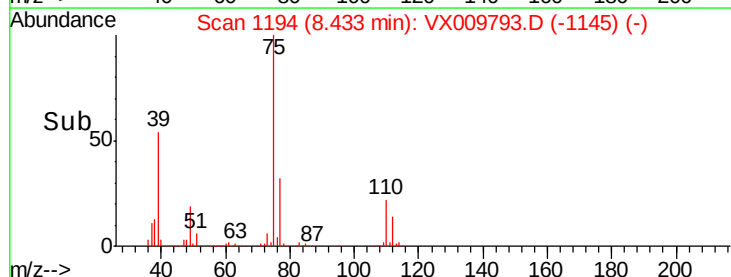
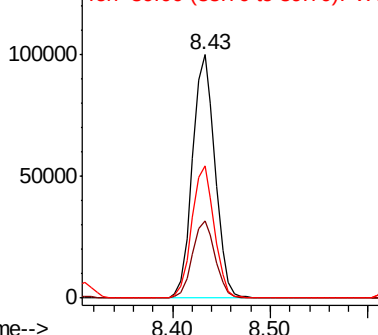
75 100

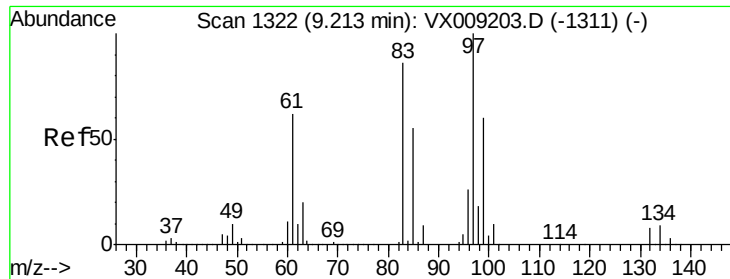
77 31.5 24.6 36.8

39 54.3 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

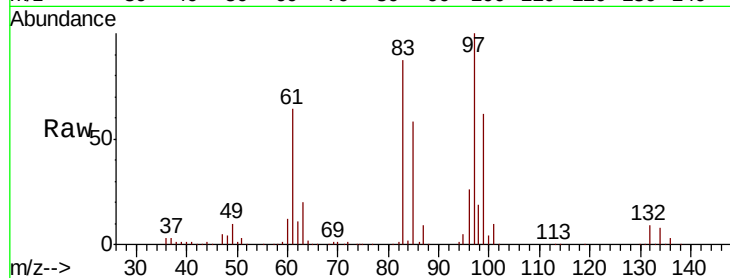




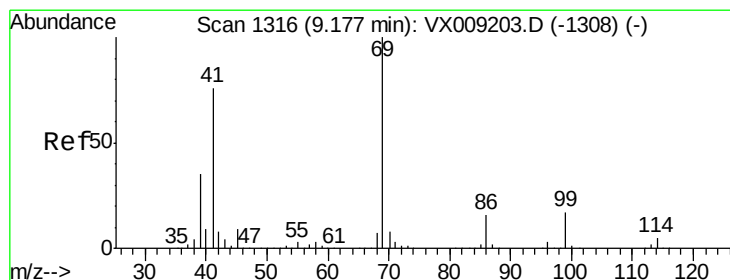
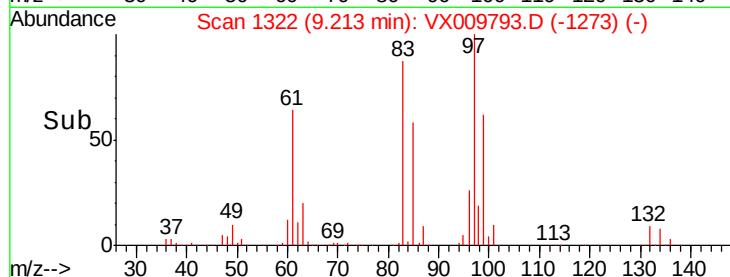
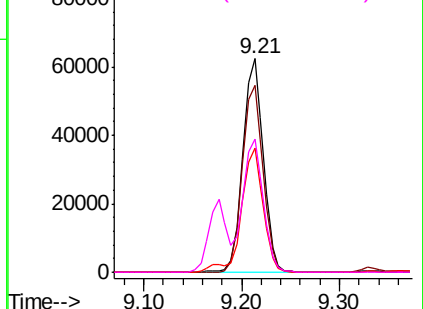
#55
1,1,2-Trichloroethane
Concen: 43.830 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	90717
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.9	103.3
85	58.0	43.8	65.6
99	62.1	48.2	72.2

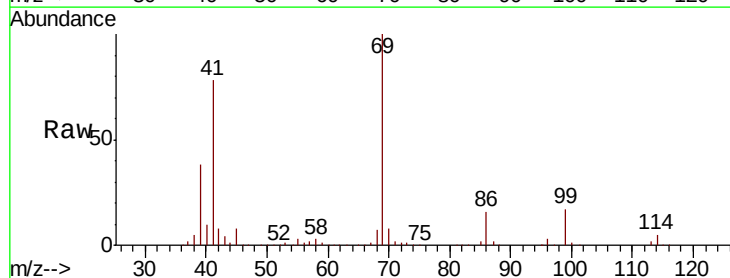


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

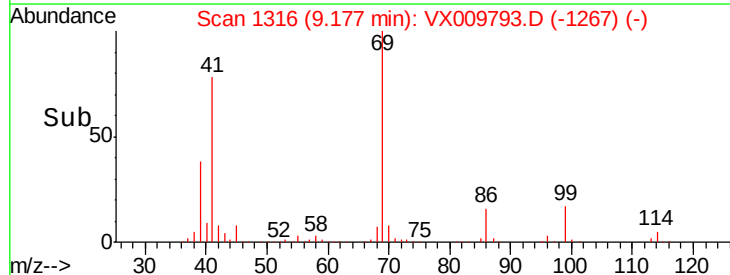
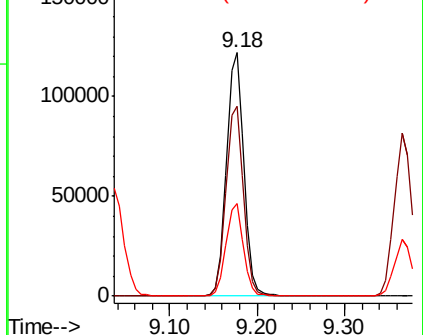


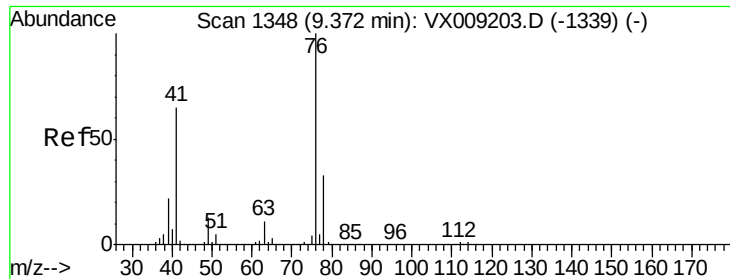
#56
Ethyl methacrylate
Concen: 45.251 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:	69	Resp:	167183
Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.6	90.8
39	37.9	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 44.189 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

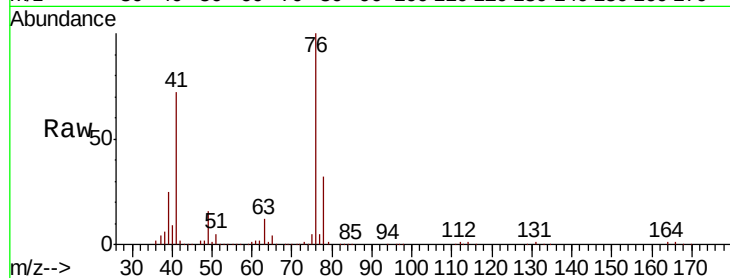
ClientSampleId :

Tot Ion: 76 Resp: 160945

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

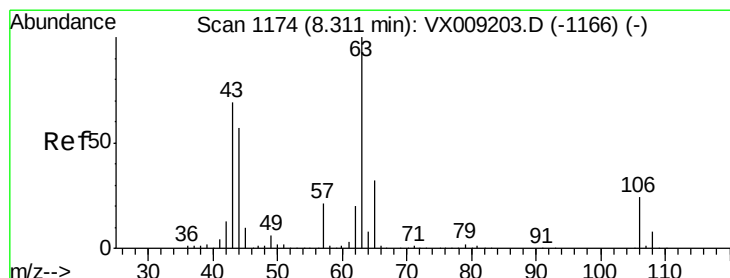
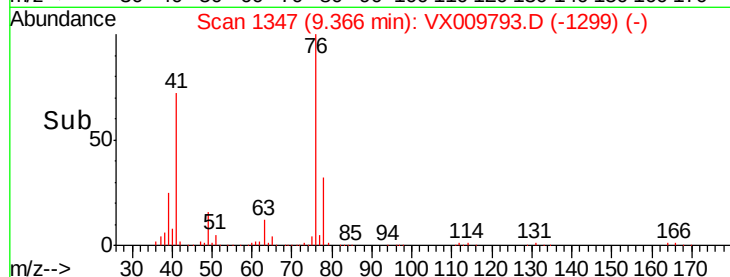
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 220.195 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009793.D

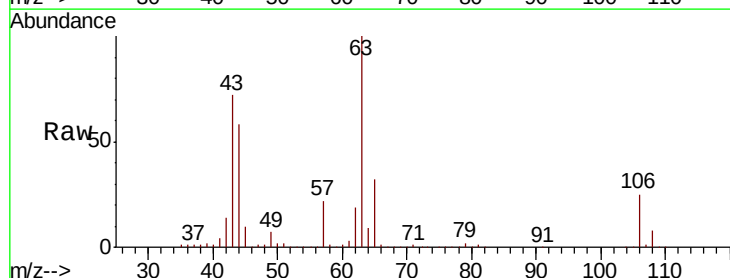
Acq: 22 May 2019 10:23

Tgt Ion: 63 Resp: 431575

Ion Ratio Lower Upper

63 100

106 24.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

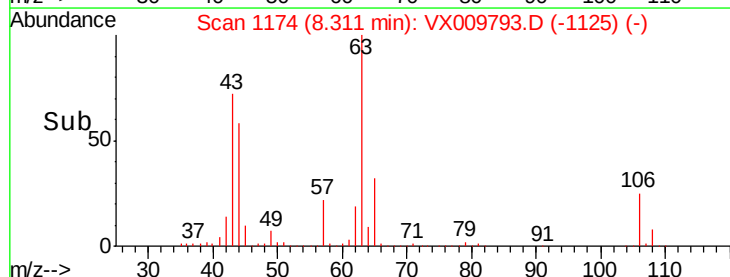
150000

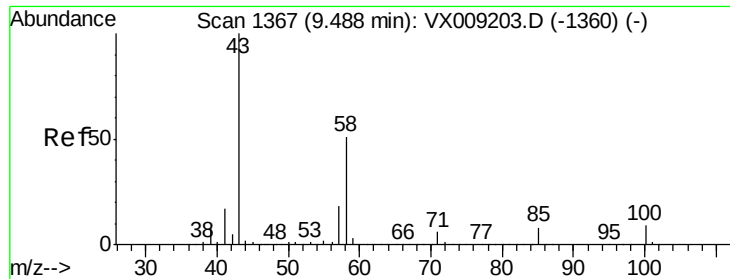
100000

50000

0

Time-->

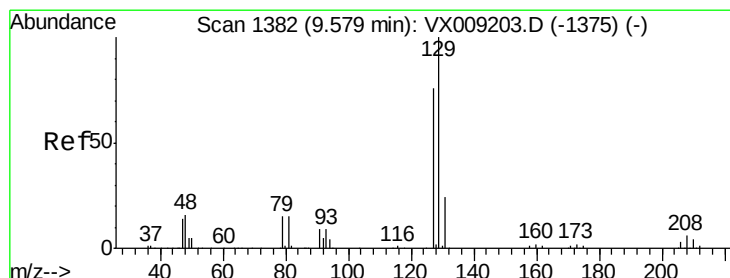
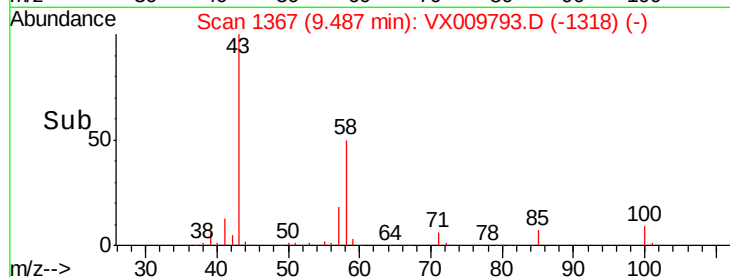
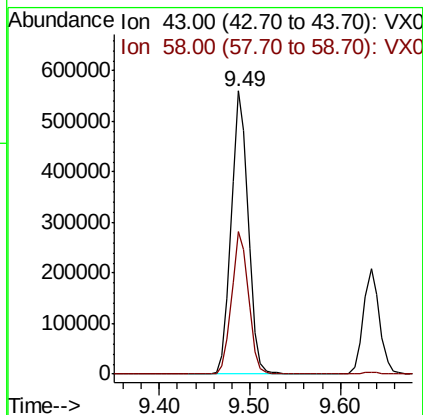
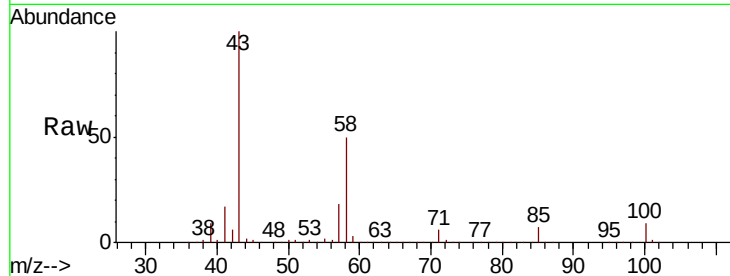




#59
2-Hexanone
Concen: 235.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

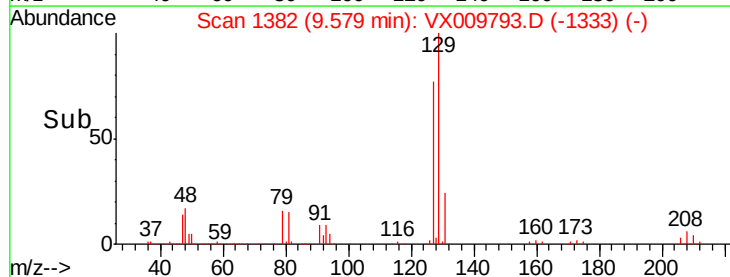
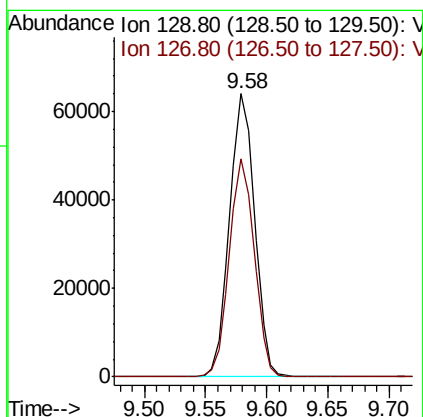
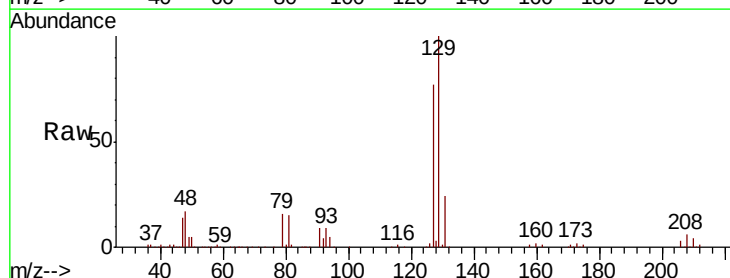
Instrument :
MSVOA_X
ClientSampleId :

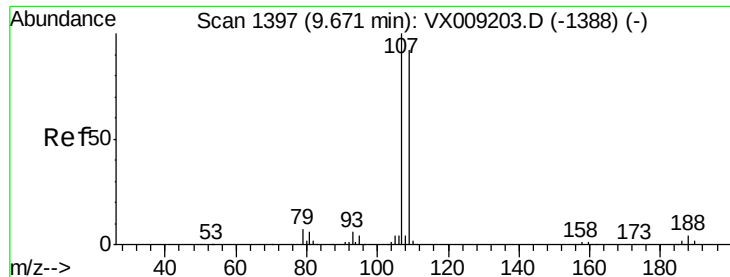
Tot Ion: 43 Resp: 727440
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 44.973 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:129 Resp: 90912
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 44.752 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

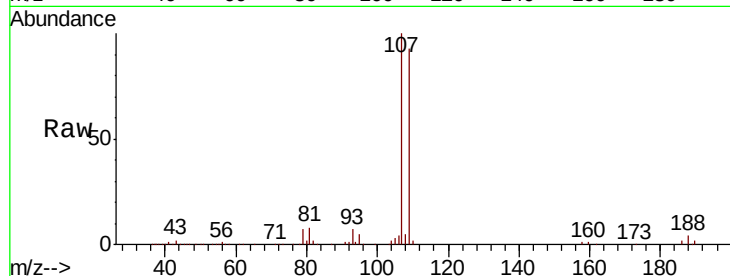
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 93498

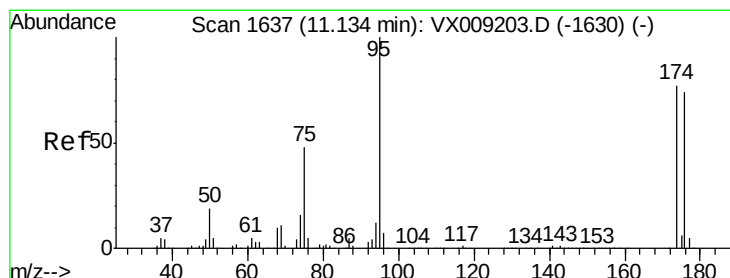
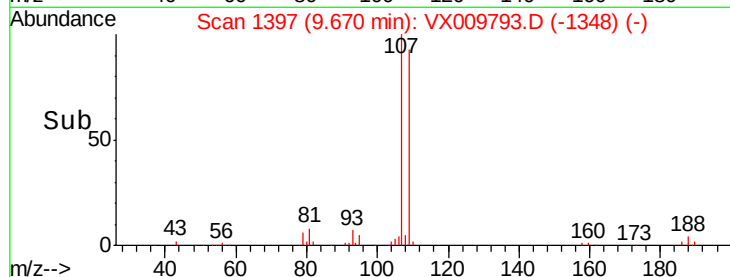
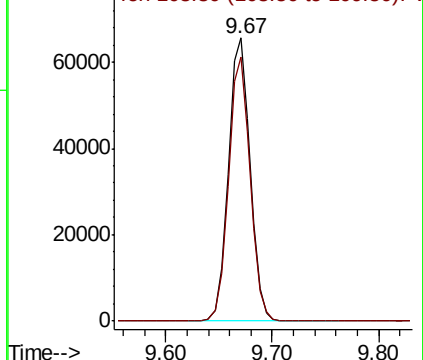
Ion Ratio Lower Upper

107 100

109 93.1 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: 47.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

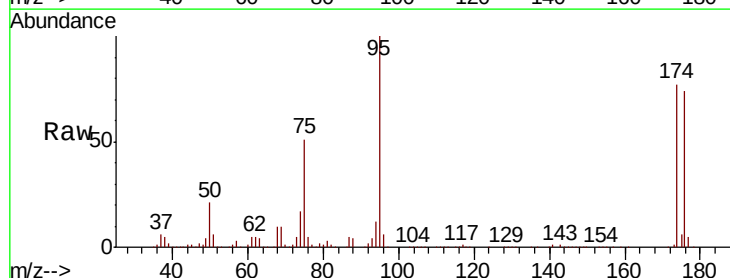
Tgt Ion: 95 Resp: 125877

Ion Ratio Lower Upper

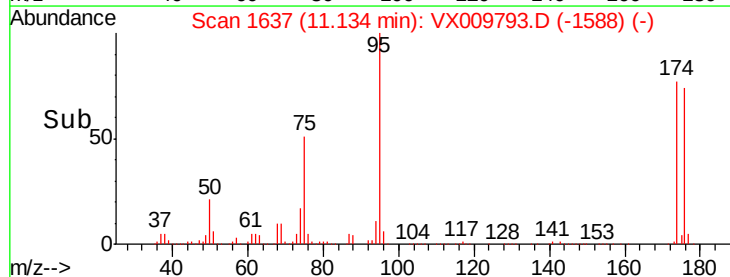
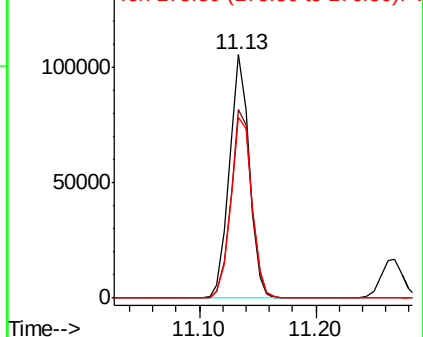
95 100

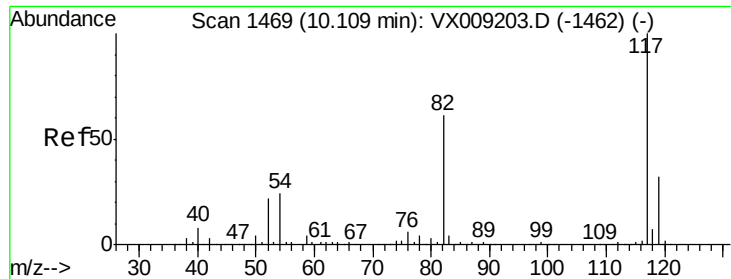
174 80.3 0.0 161.6

176 78.5 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

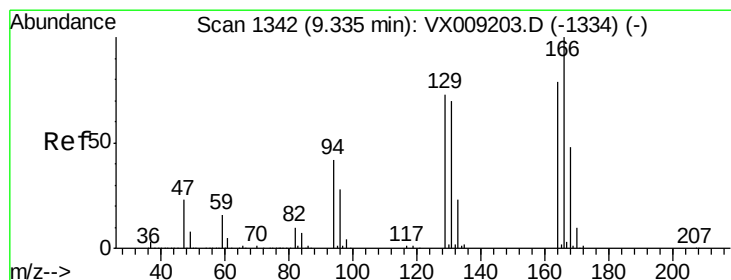
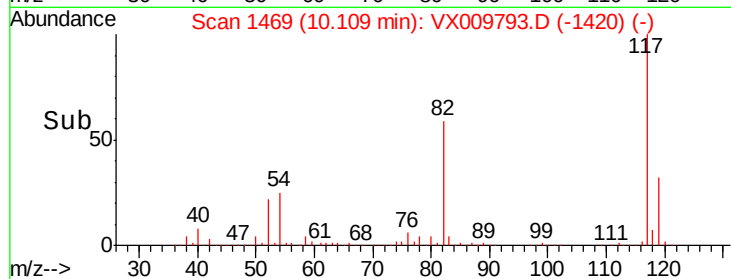
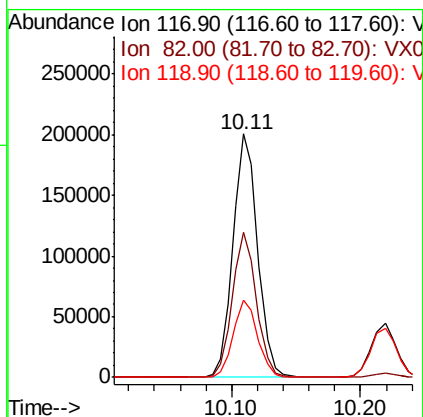
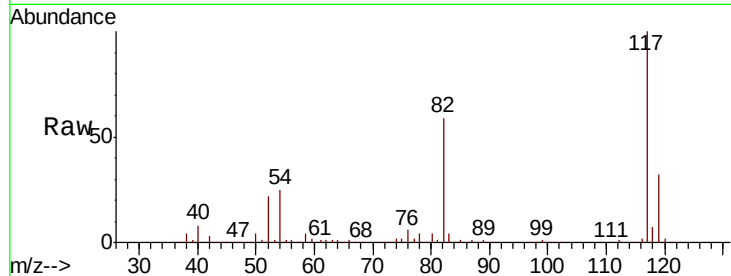




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

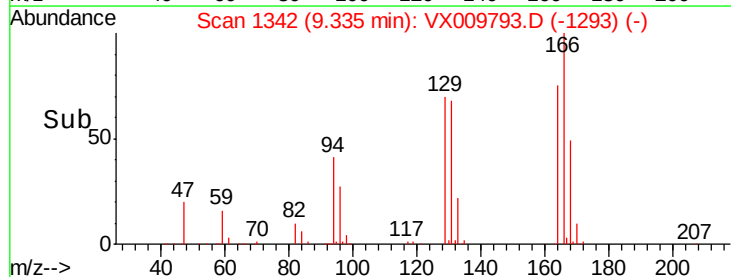
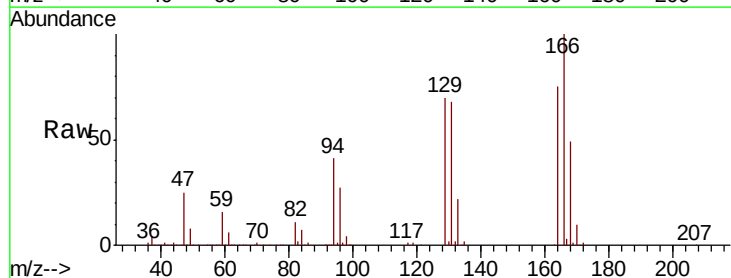
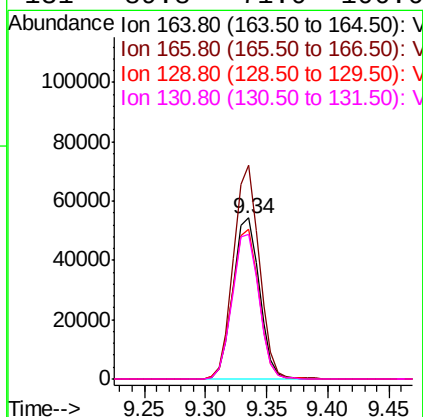
Instrument :
MSVOA_X
ClientSampled :

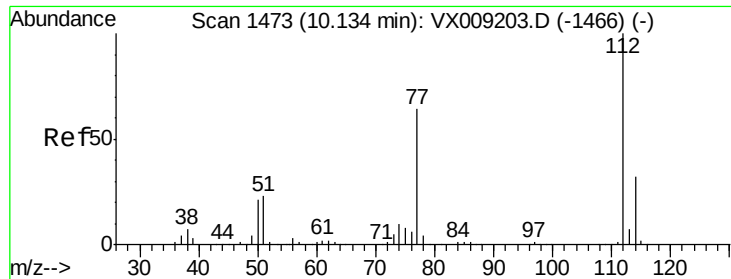
Tot Ion:117 Resp: 267616
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 44.103 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:164 Resp: 80961
Ion Ratio Lower Upper
164 100
166 132.6 101.2 151.8
129 93.2 74.3 111.5
131 89.8 71.0 106.6

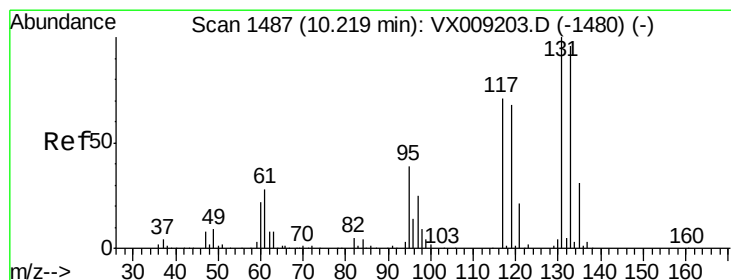
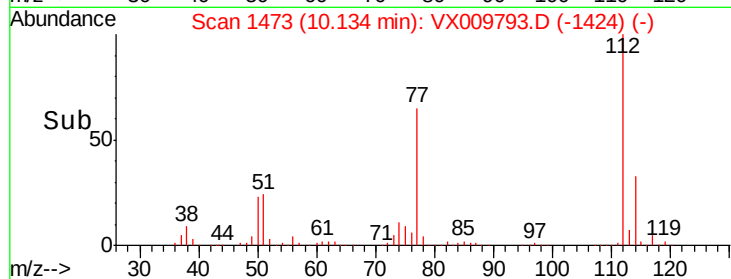
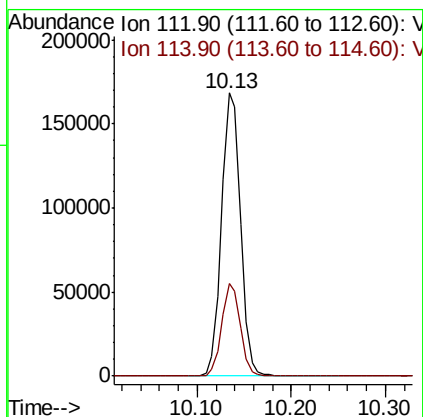
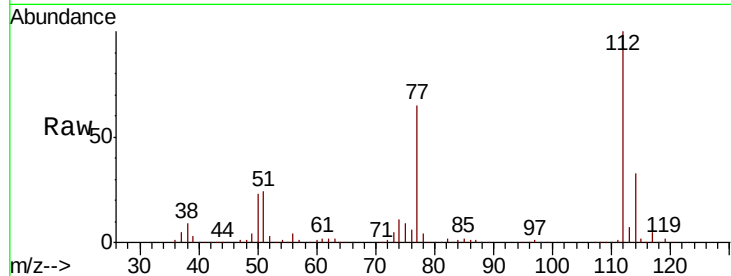




#65
Chlorobenzene
Concen: 43.998 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

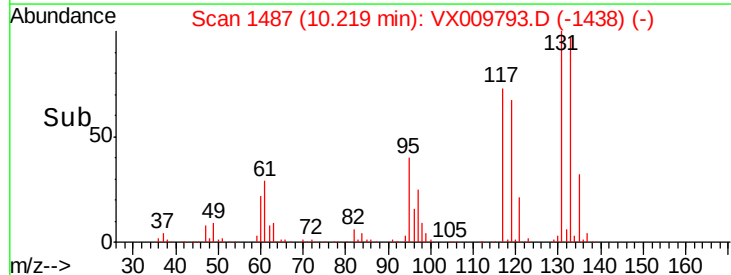
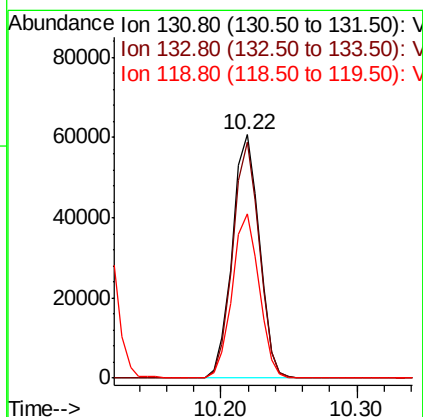
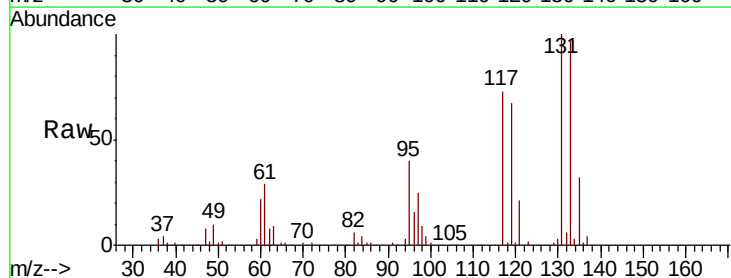
Instrument :
MSVOA_X
ClientSampleId :

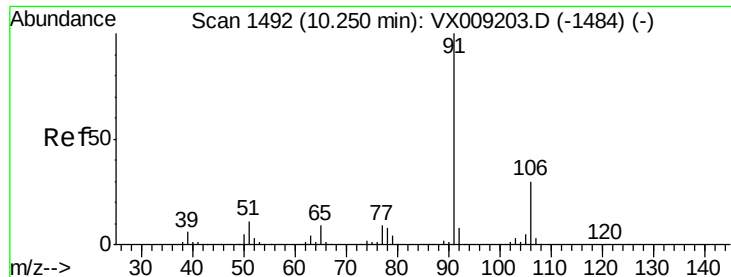
Tot Ion:112 Resp: 235542
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 43.360 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:131 Resp: 84157
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 67.0 33.5 100.4





#67

Ethyl Benzene

Concen: 45.172 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

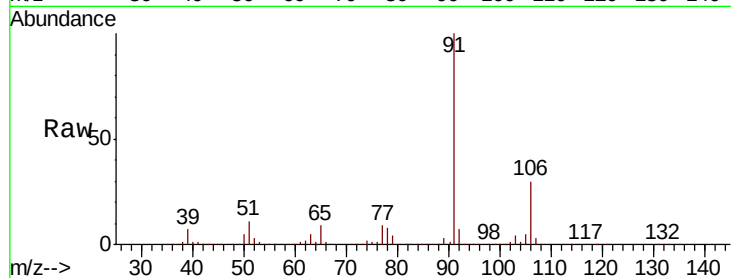
ClientSampleId :

Tot Ion: 91 Resp: 445060

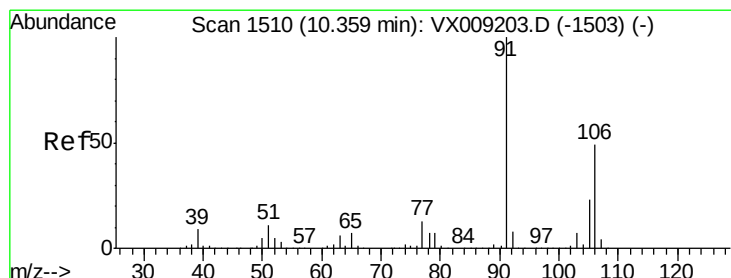
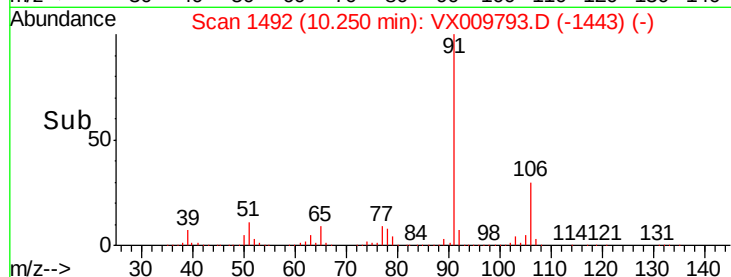
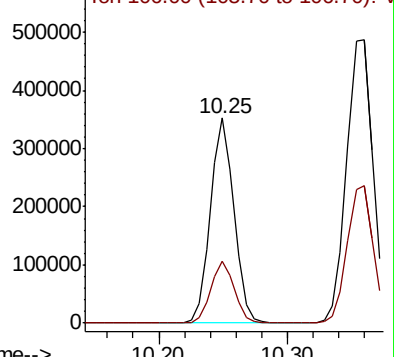
Ion Ratio Lower Upper

91 100

106 30.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 91.543 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009793.D

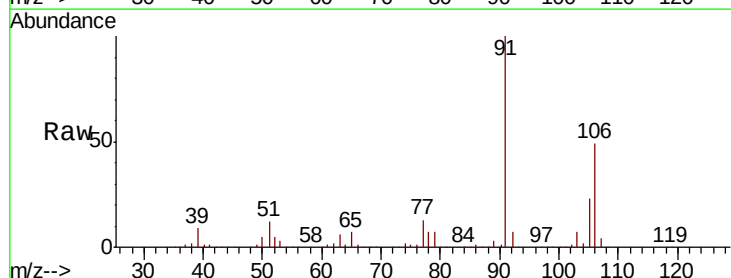
Acq: 22 May 2019 10:23

Tgt Ion: 106 Resp: 329592

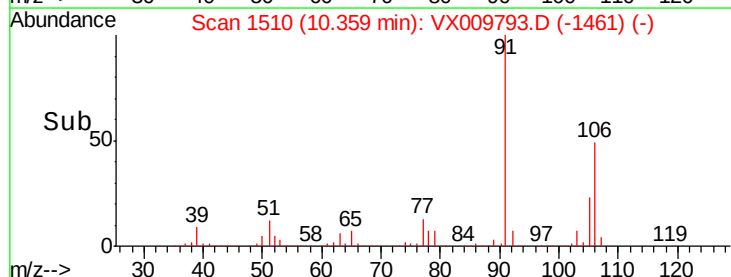
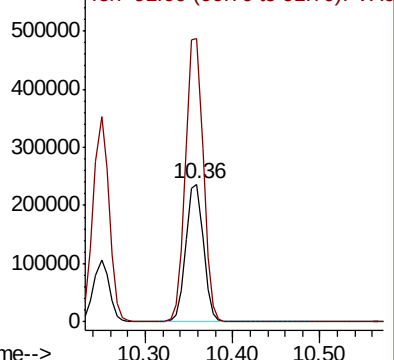
Ion Ratio Lower Upper

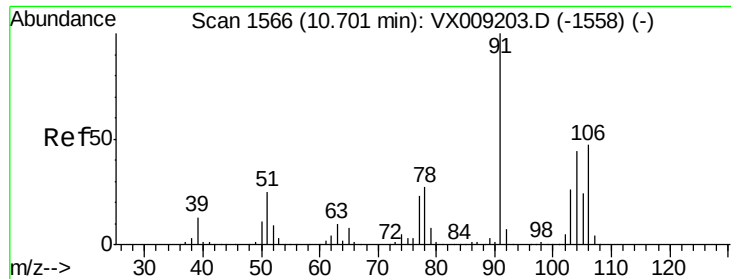
106 100

91 208.6 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

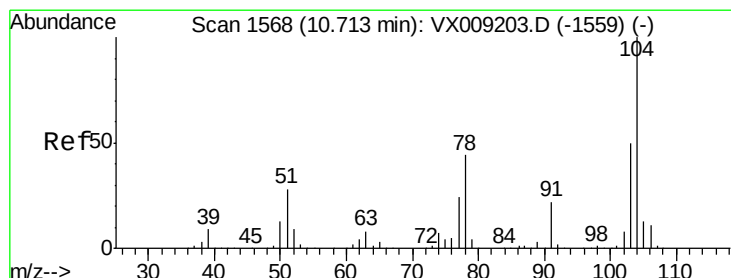
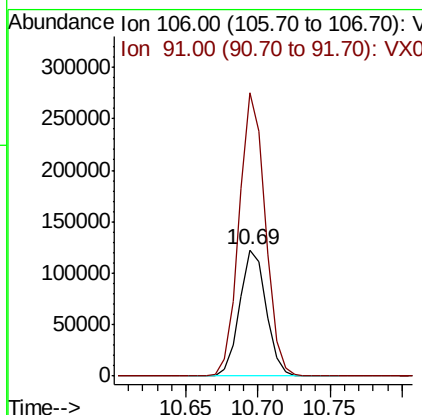
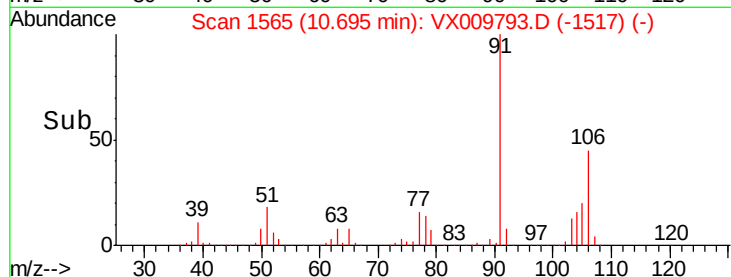
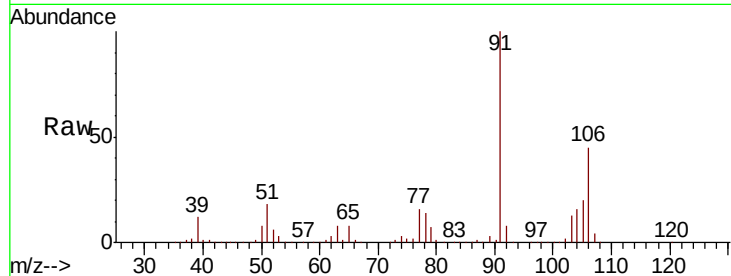




#69
o-Xylene
Concen: 44.136 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

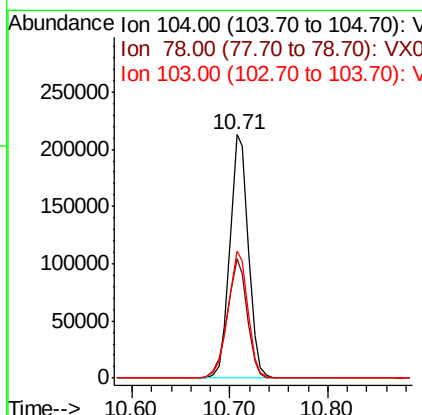
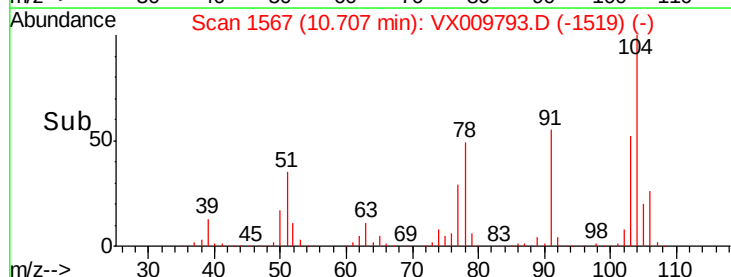
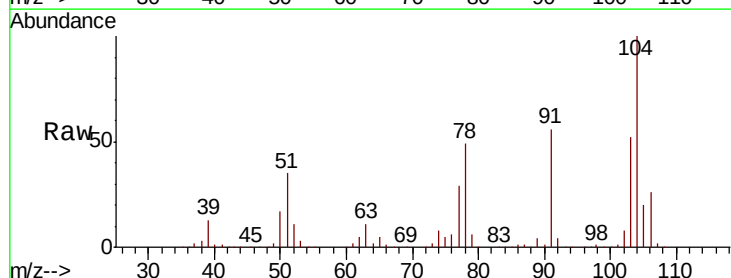
Instrument :
MSVOA_X
ClientSampled :

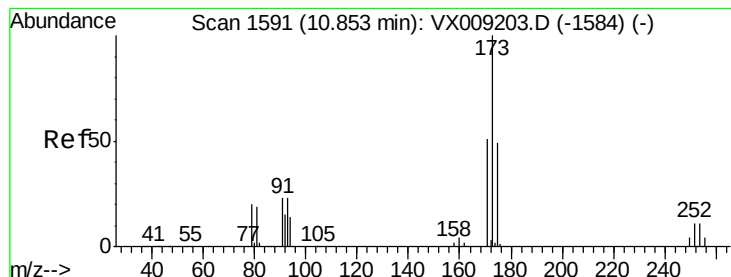
Tot Ion:106 Resp: 156785
Ion Ratio Lower Upper
106 100
91 221.9 109.5 328.4



#70
Styrene
Concen: 45.214 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:104 Resp: 279164
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.9 43.8 65.6





#71

Bromoform

Concen: 44.522 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

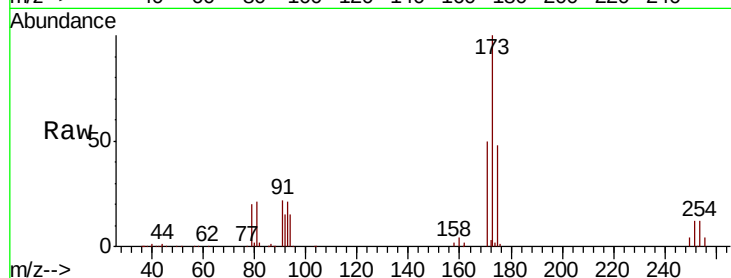
Tot Ion:173 Resp: 70222

Ion Ratio Lower Upper

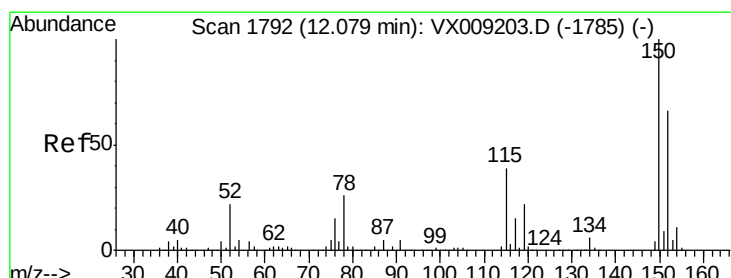
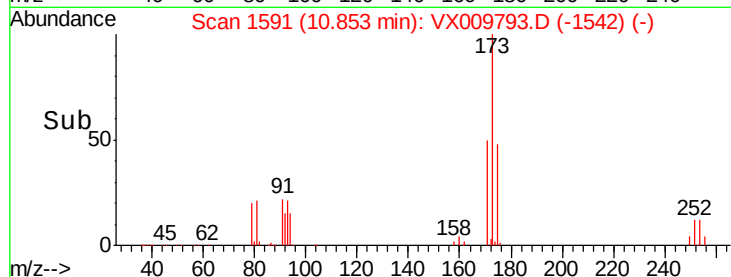
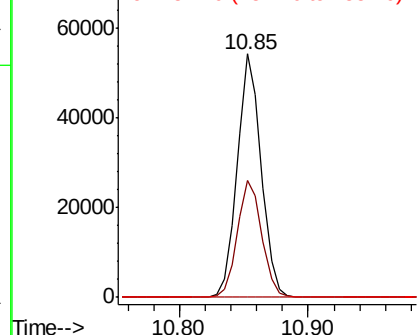
173 100

175 49.0 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: VX009793.D

Acq: 22 May 2019 10:23

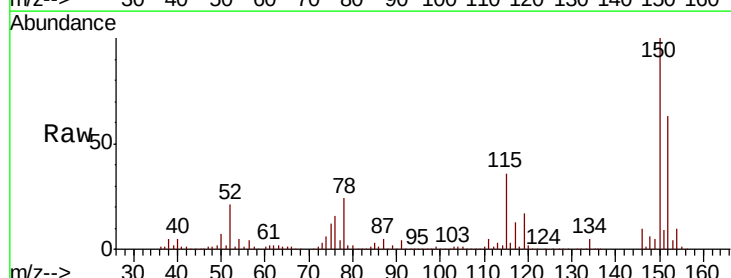
Tgt Ion:152 Resp: 136758

Ion Ratio Lower Upper

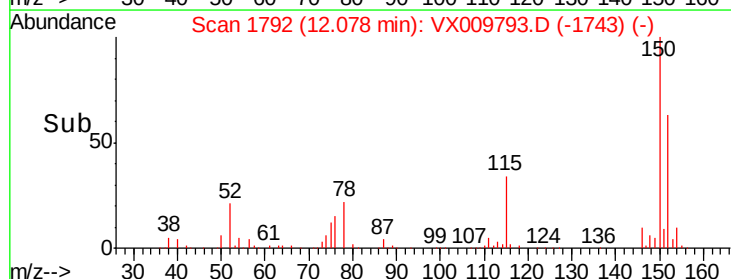
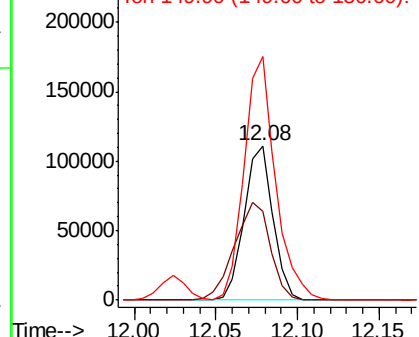
152 100

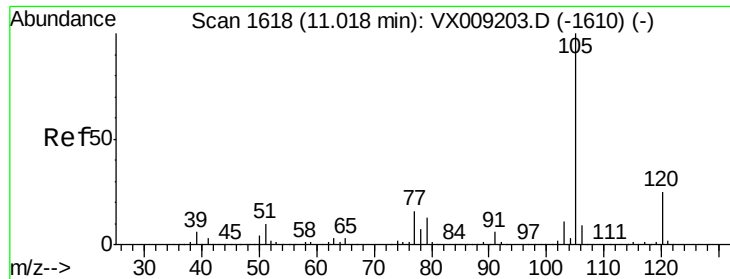
115 78.7 41.2 123.6

150 171.9 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: 43.018 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

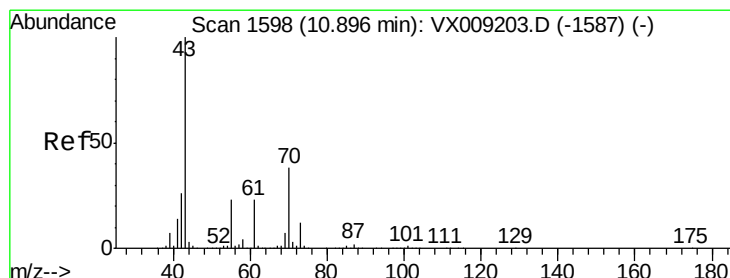
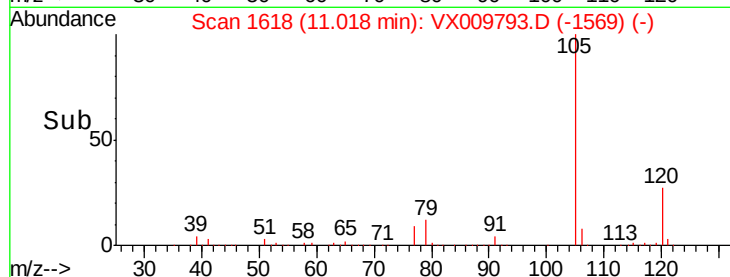
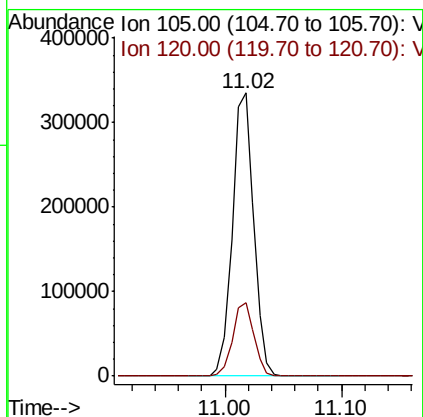
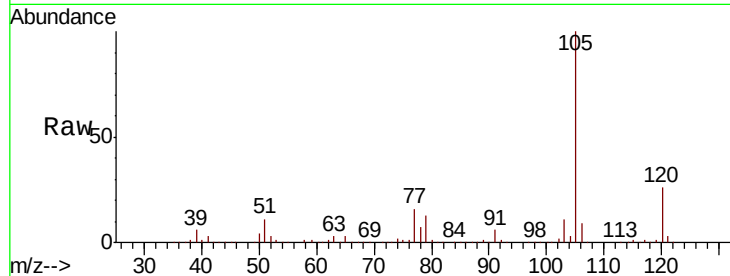
ClientSampleId :

Tot Ion:105 Resp: 427804

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 44.026 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 255263

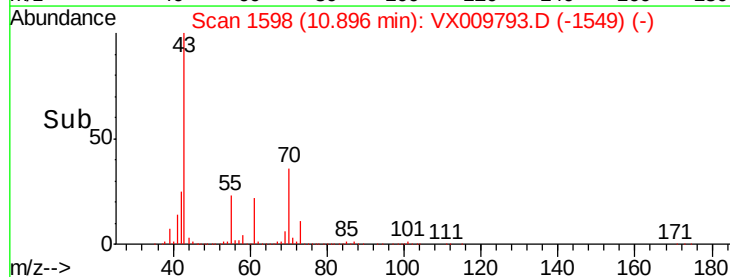
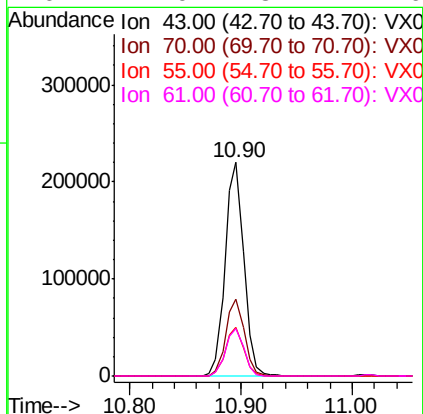
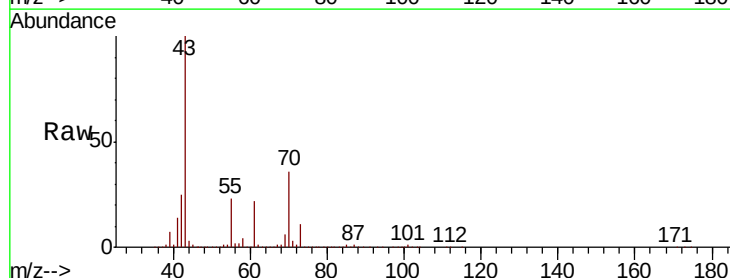
Ion Ratio Lower Upper

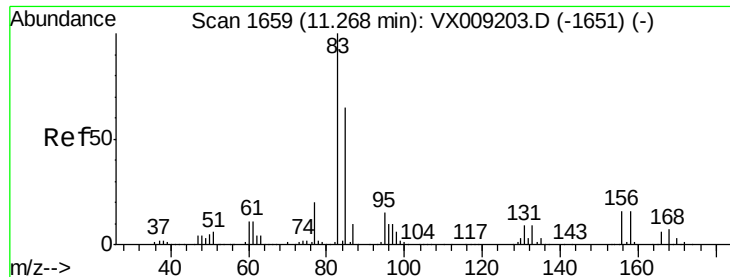
43 100

70 36.0 30.0 45.0

55 22.5 17.9 26.9

61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 41.405 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

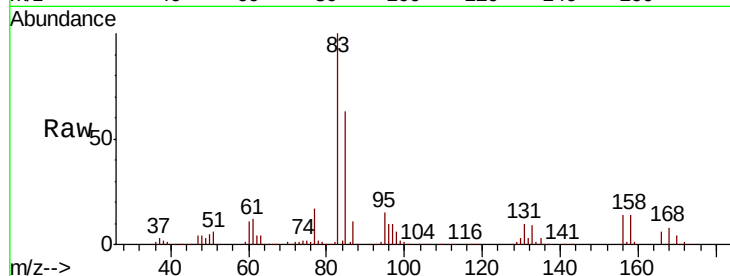
Tot Ion: 83 Resp: 153502

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

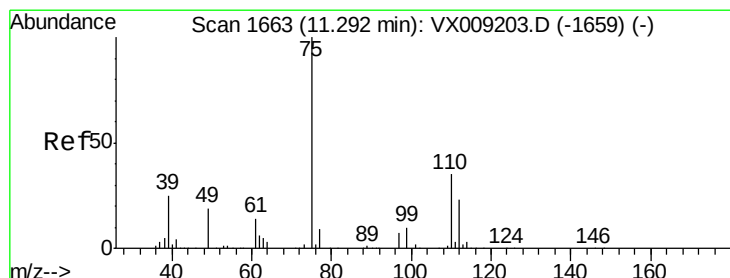
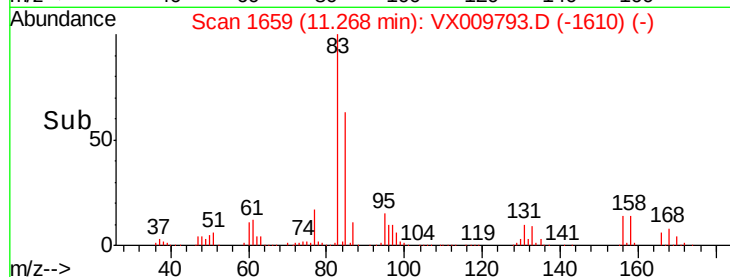
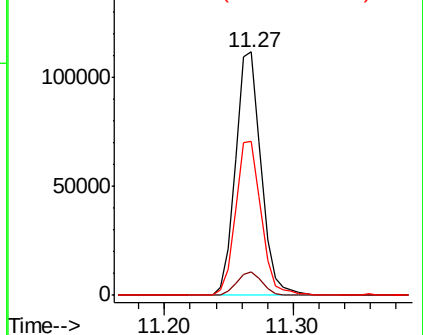
85 63.7 32.0 96.2



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: 57.831 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009793.D

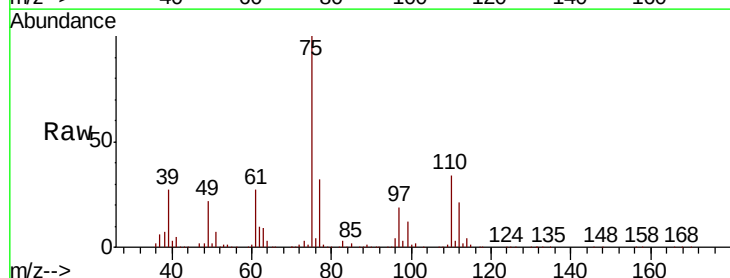
Acq: 22 May 2019 10:23

Tgt Ion: 75 Resp: 183456

Ion Ratio Lower Upper

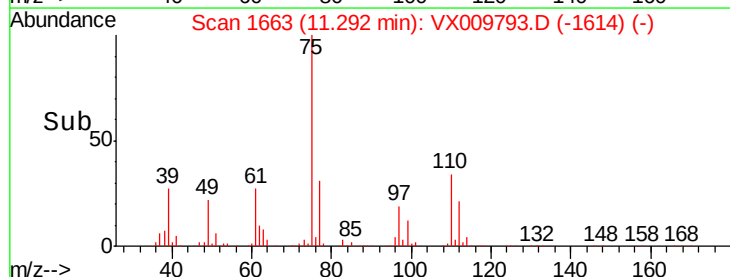
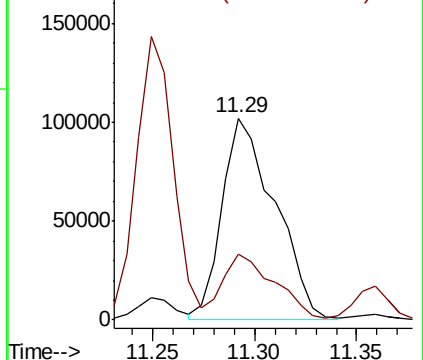
75 100

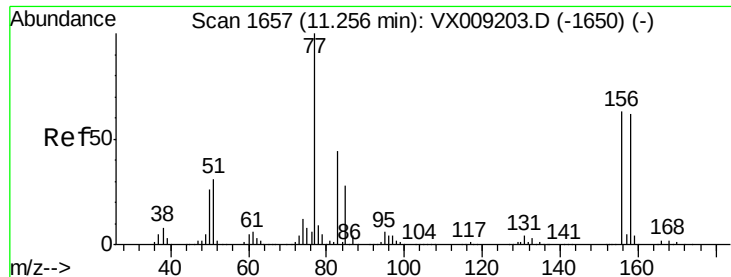
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.375 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

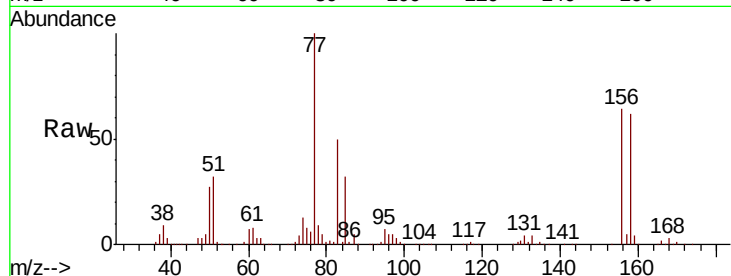
Tot Ion:156 Resp: 104598

Ion Ratio Lower Upper

156 100

77 171.5 84.8 254.3

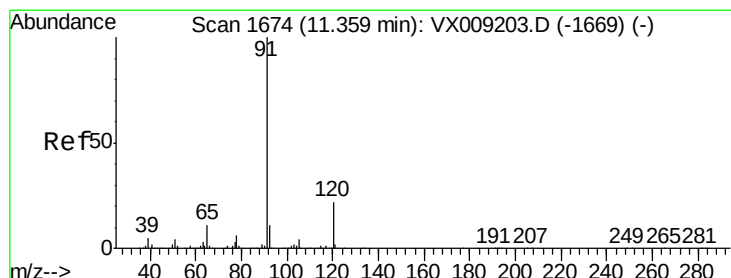
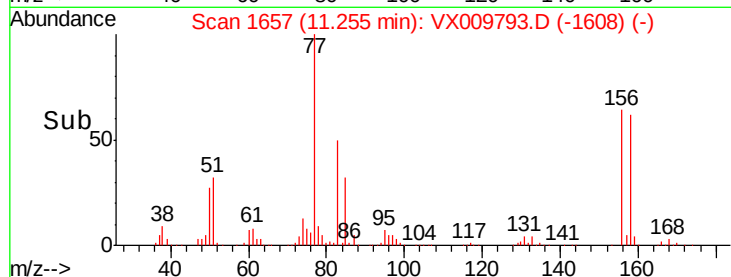
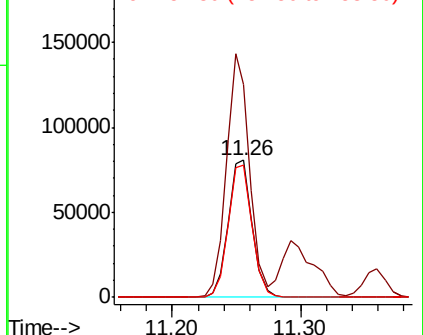
158 97.1 49.1 147.3



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: 44.786 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009793.D

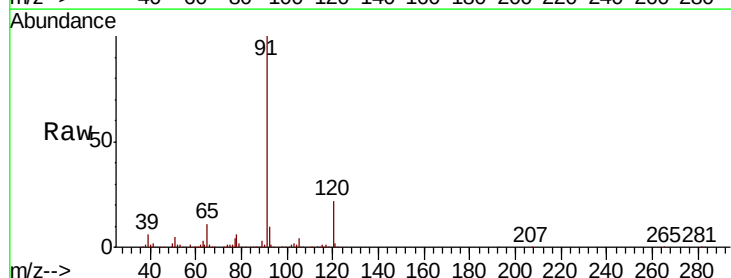
Acq: 22 May 2019 10:23

Tgt Ion: 91 Resp: 508664

Ion Ratio Lower Upper

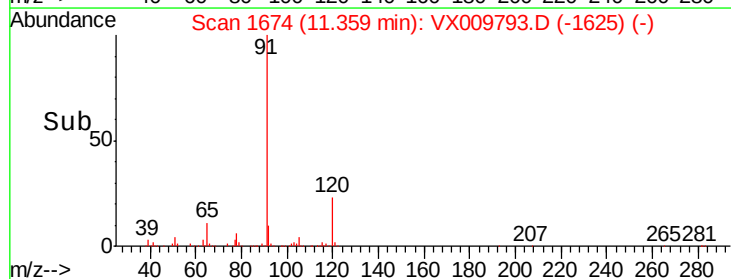
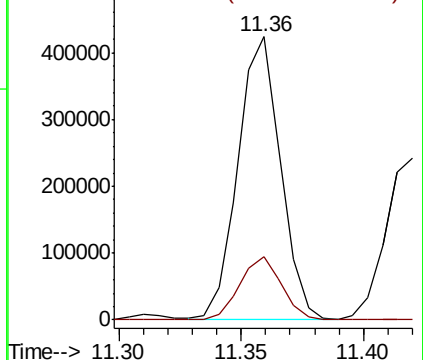
91 100

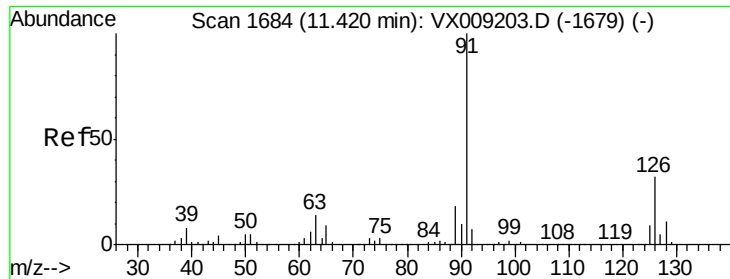
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.762 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

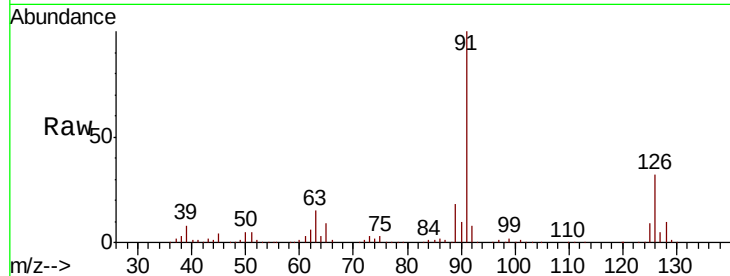
ClientSampleId :

Tot Ion: 91 Resp: 299633

Ion Ratio Lower Upper

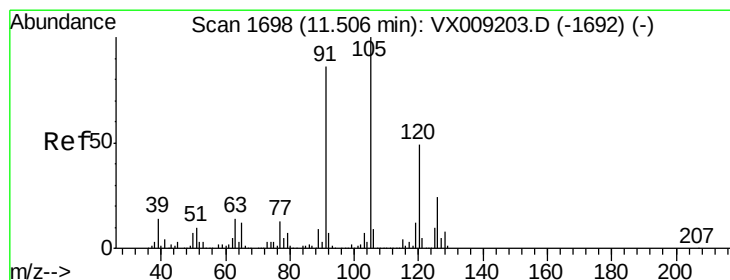
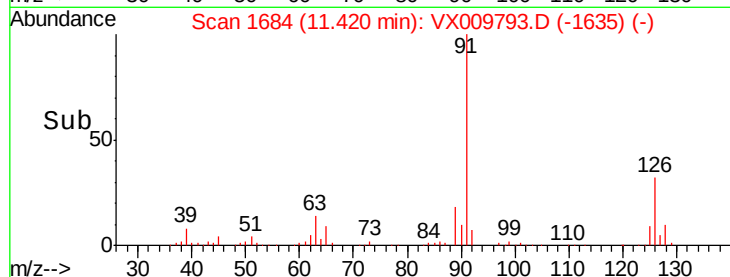
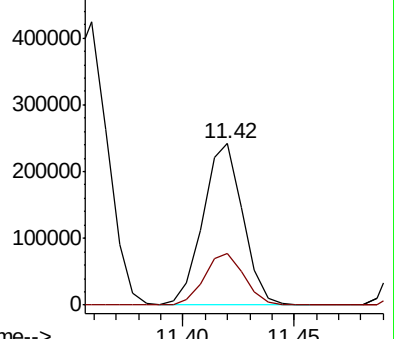
91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 44.239 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009793.D

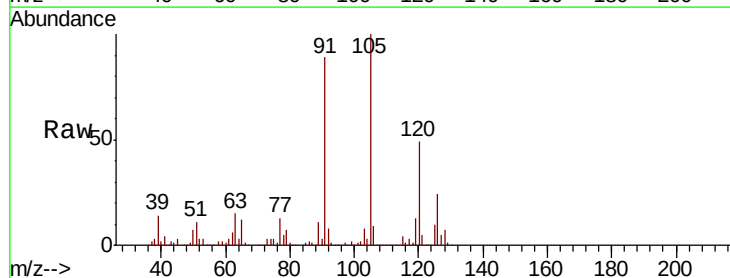
Acq: 22 May 2019 10:23

Tgt Ion:105 Resp: 370444

Ion Ratio Lower Upper

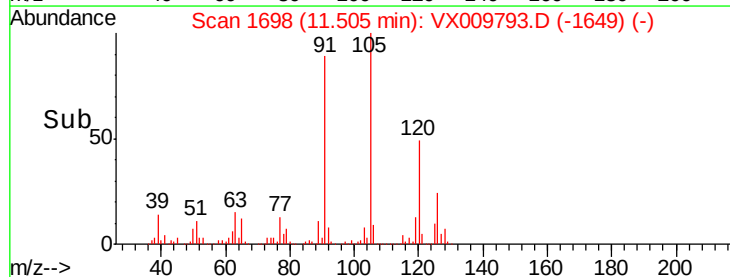
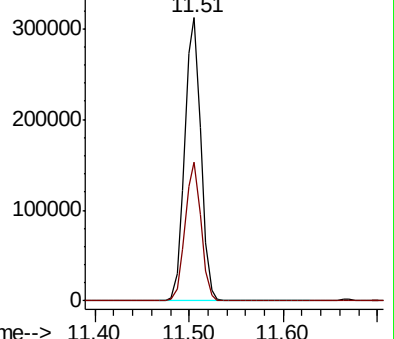
105 100

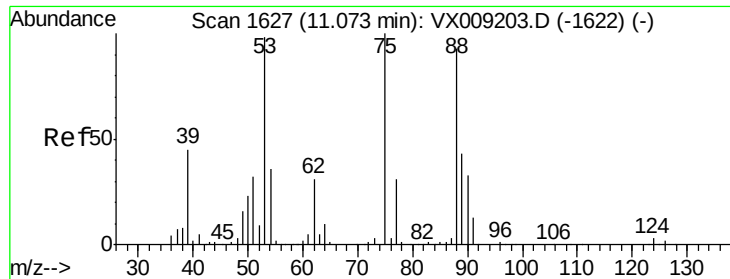
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

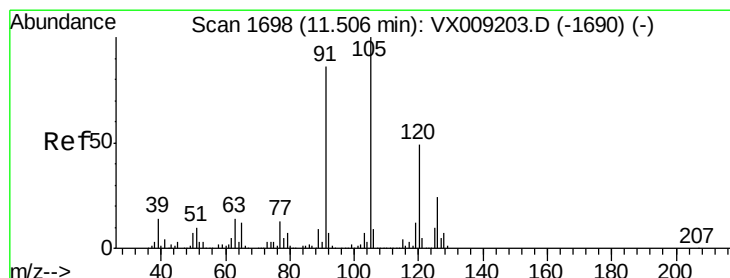
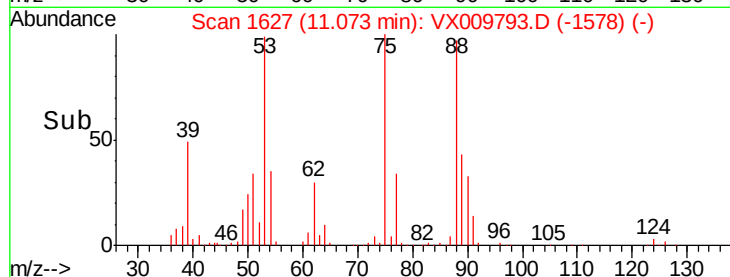
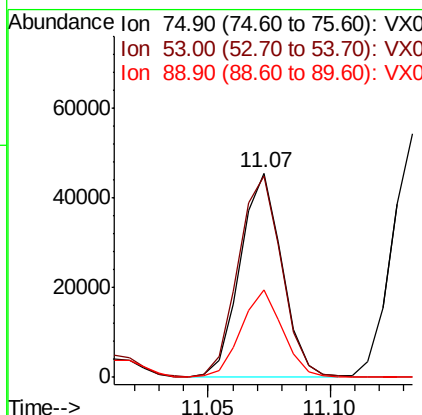
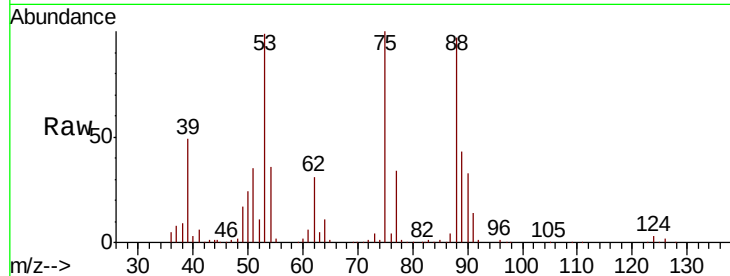




#81
trans-1,4-Dichloro-2-butene
Concen: 43.323 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

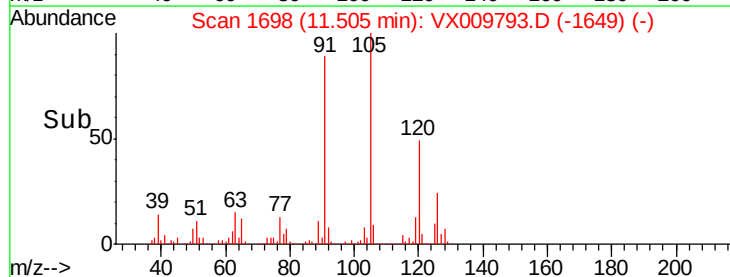
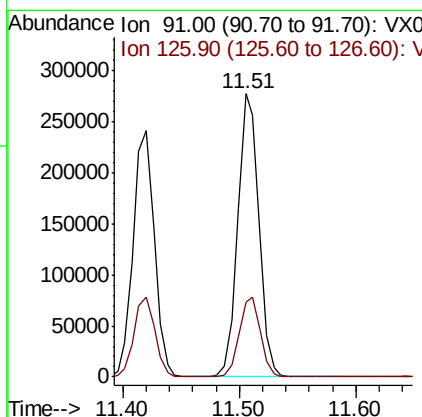
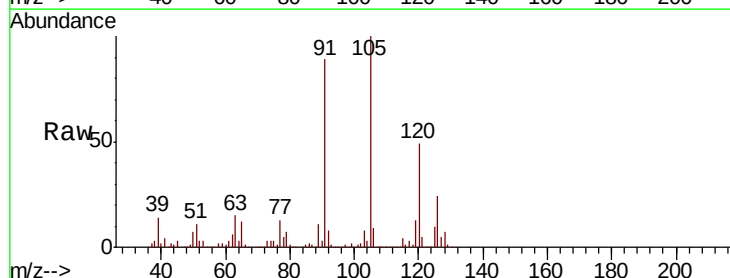
Instrument :
MSVOA_X
ClientSampleId :

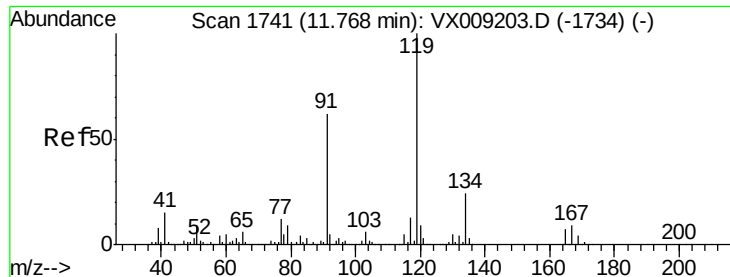
Tot Ion: 75 Resp: 53714
Ion Ratio Lower Upper
75 100
53 103.0 79.0 118.6
89 43.2 34.7 52.1



#82
4-Chlorotoluene
Concen: 44.172 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 91 Resp: 349665
Ion Ratio Lower Upper
91 100
126 28.4 14.5 43.6

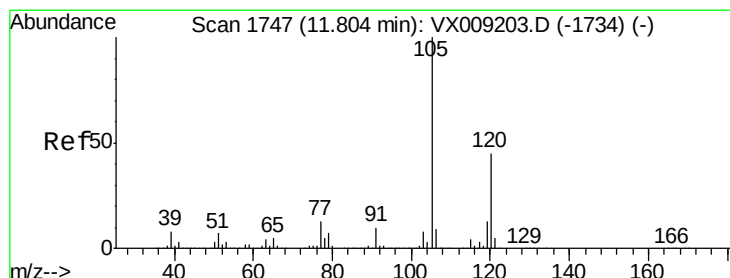
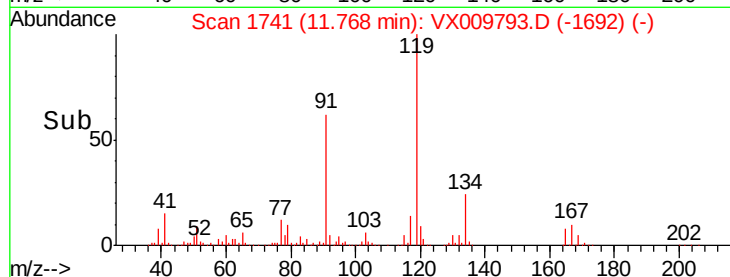
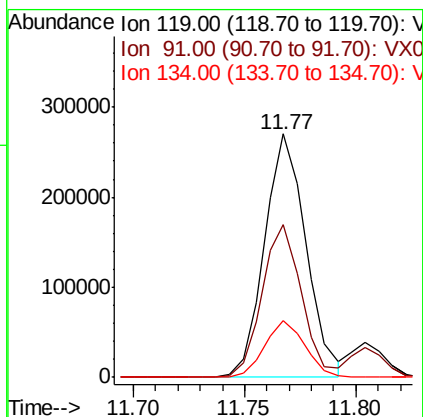
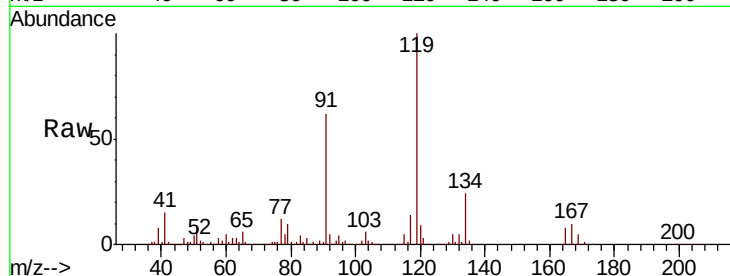




#83
 tert-Butylbenzene
 Concen: 42.880 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

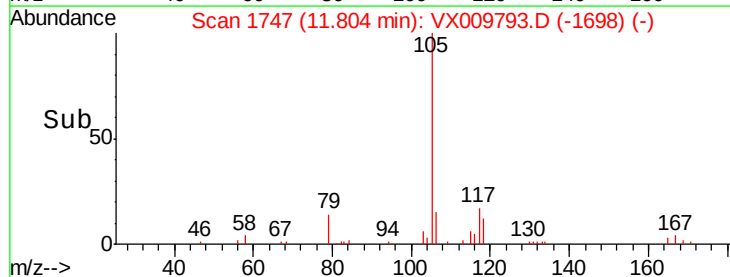
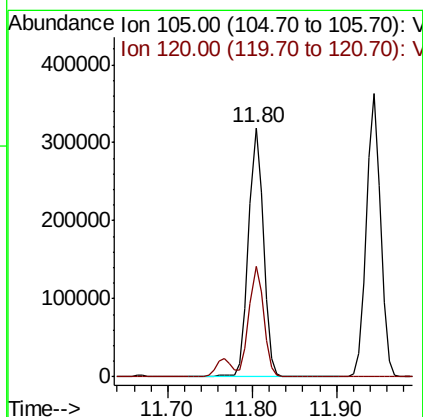
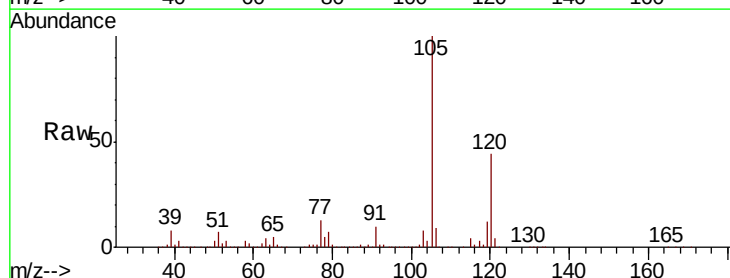
Instrument :
 MSVOA_X
 ClientSampleId :

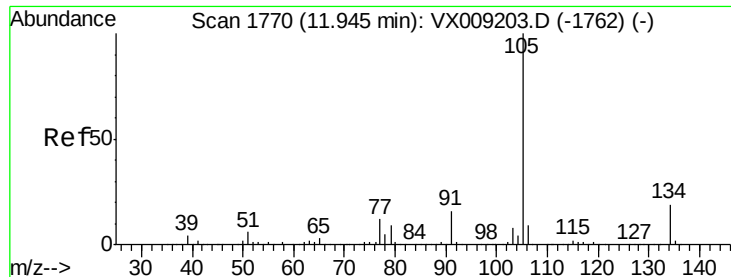
Tot Ion:119 Resp: 349293
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.362 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:105 Resp: 372861
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 44.037 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

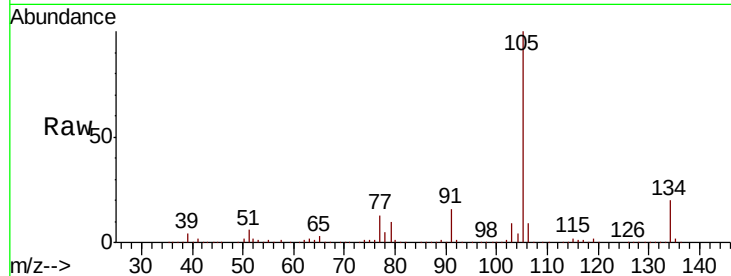
ClientSampled :

Tot Ion:105 Resp: 425287

Ion Ratio Lower Upper

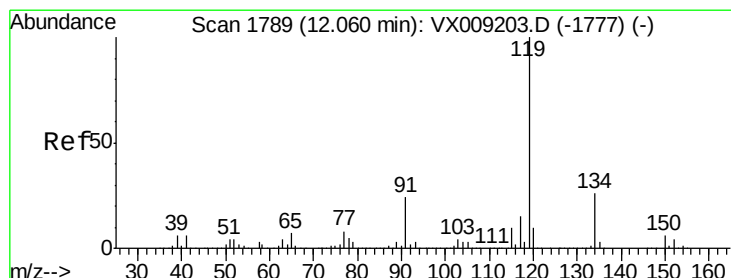
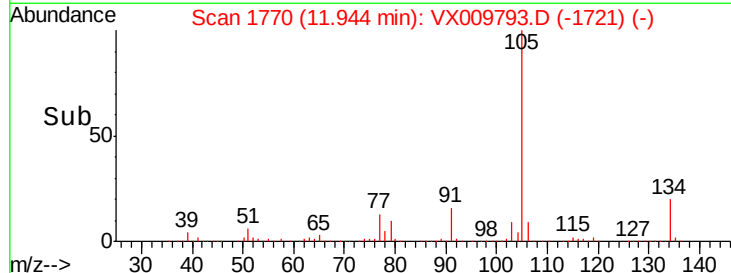
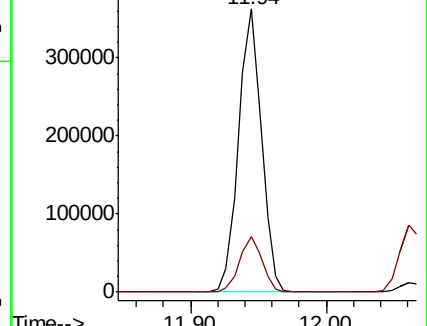
105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.231 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

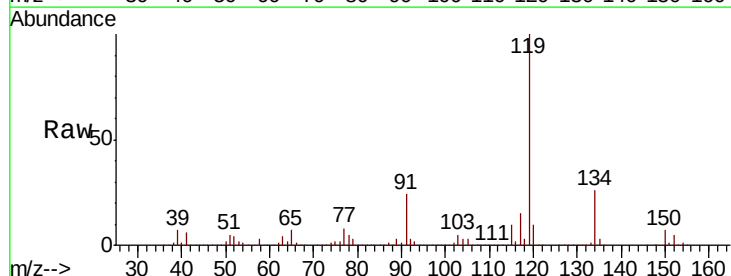
Tgt Ion:119 Resp: 392699

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

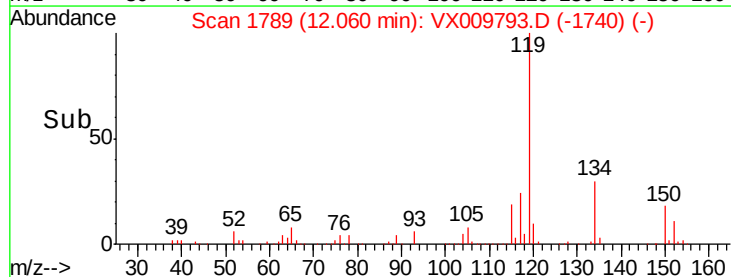
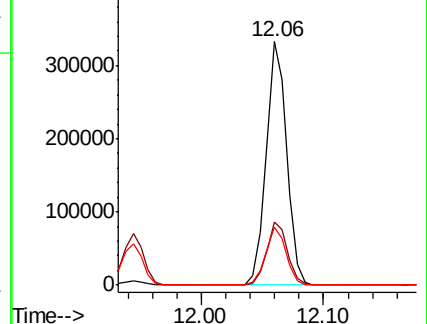
91 23.6 11.8 35.4

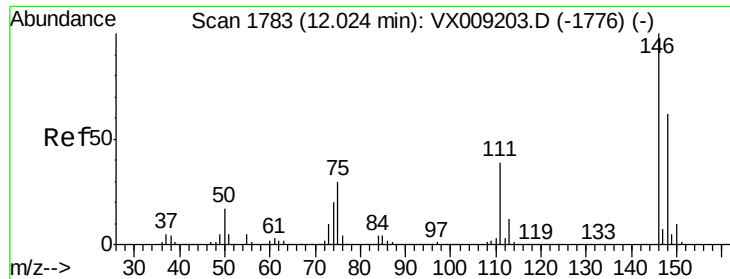


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 43.377 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

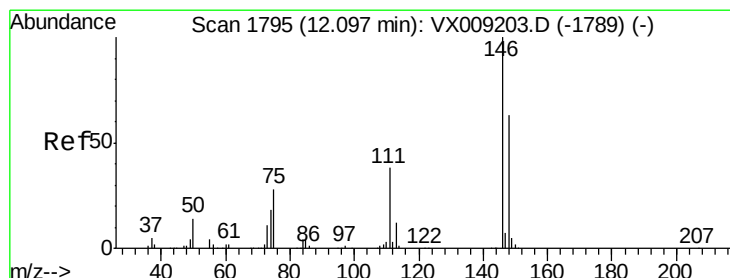
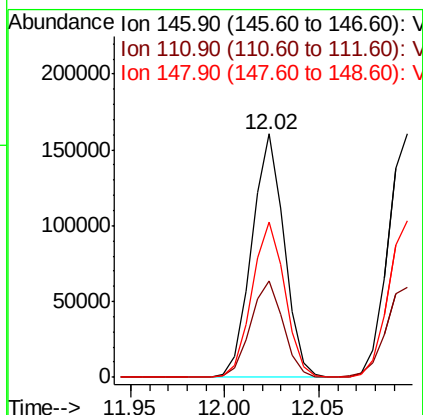
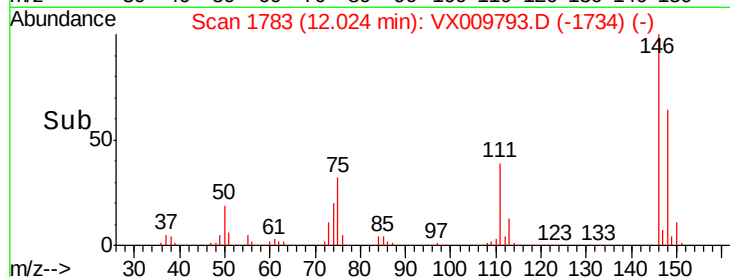
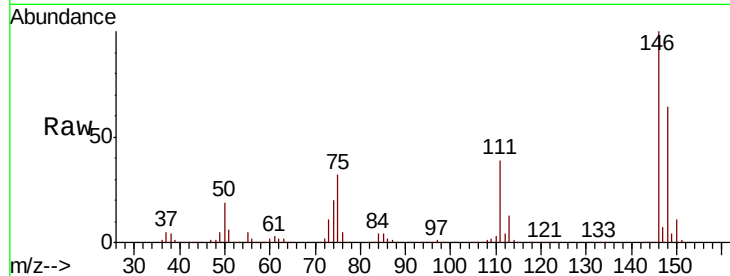
Tot Ion:146 Resp: 190873

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

148 64.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 43.558 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

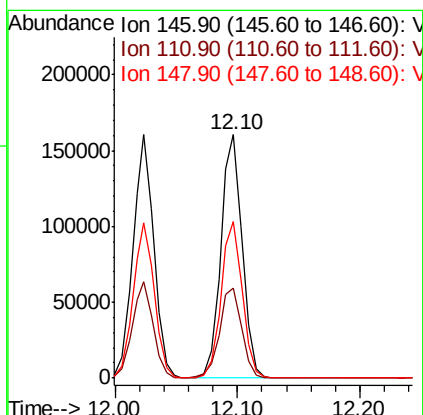
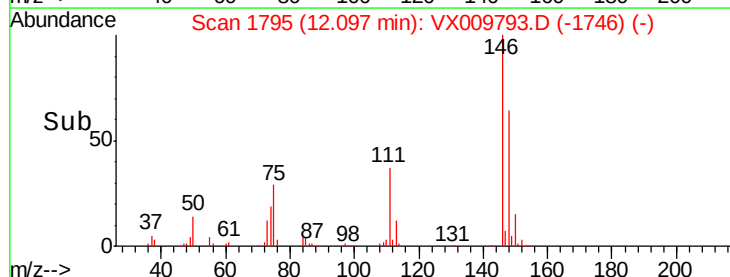
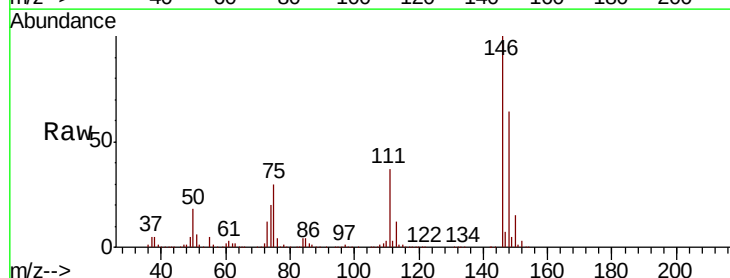
Tgt Ion:146 Resp: 193236

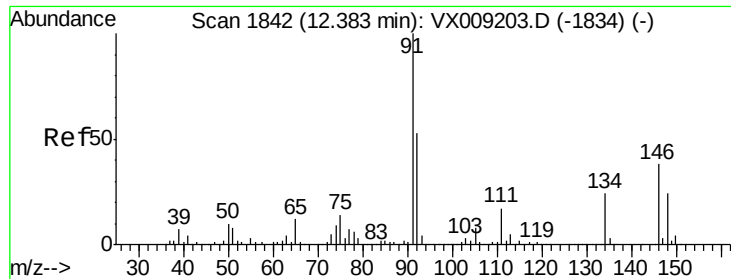
Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

148 63.8 31.8 95.3

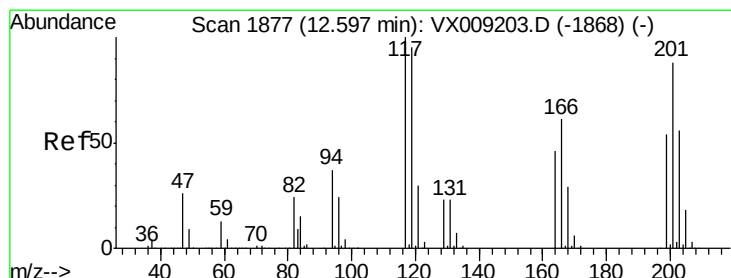
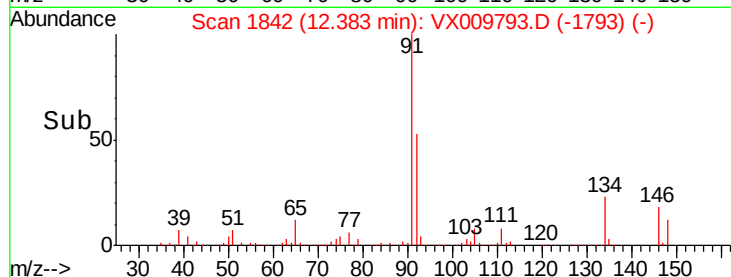
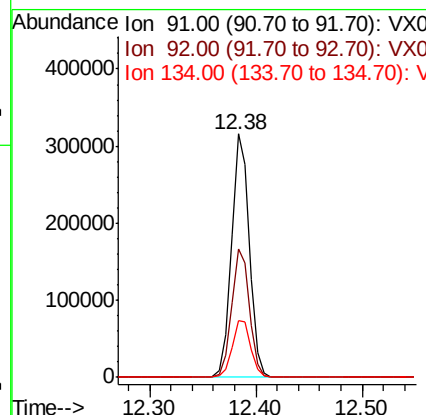
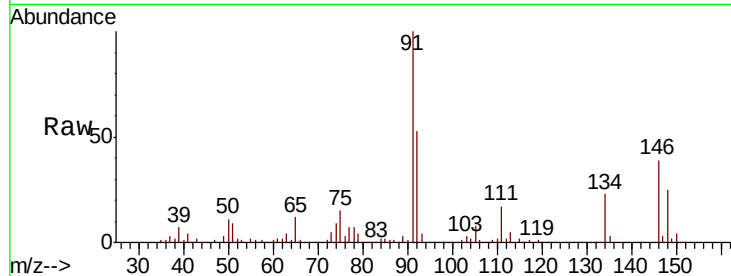




#89
n-Butylbenzene
Concen: 47.072 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

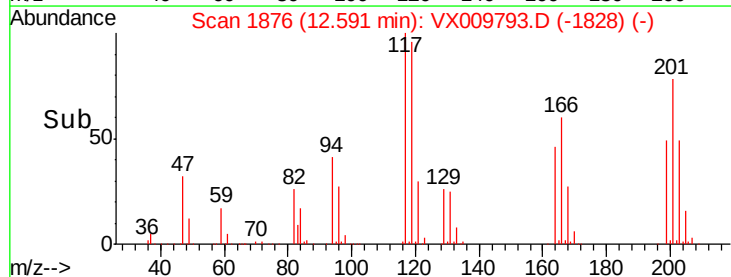
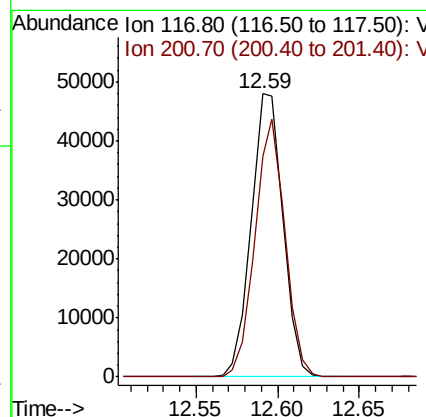
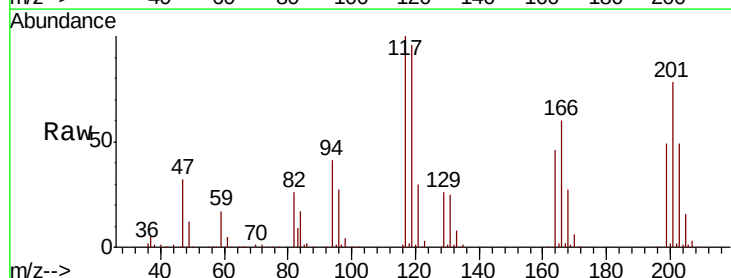
Instrument :
MSVOA_X
ClientSampleId :

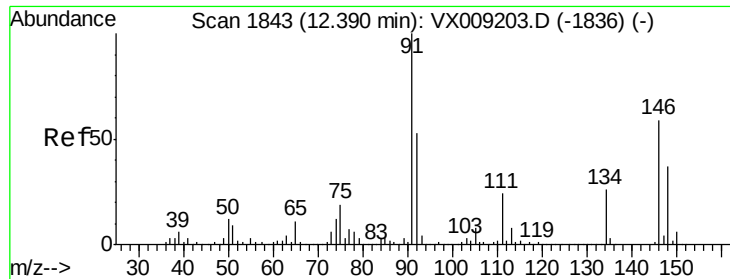
Tot Ion: 91 Resp: 369378
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 44.150 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 117 Resp: 65303
Ion Ratio Lower Upper
117 100
201 85.8 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 42.513 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

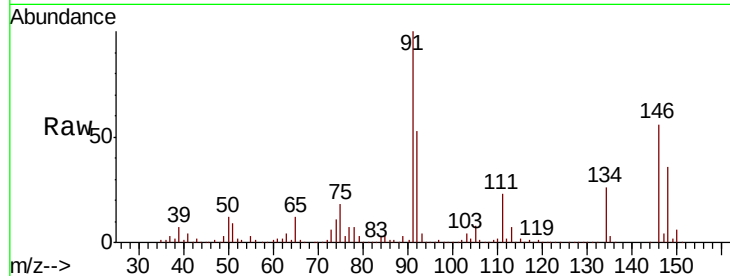
Tot Ion:146 Resp: 190540

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.4

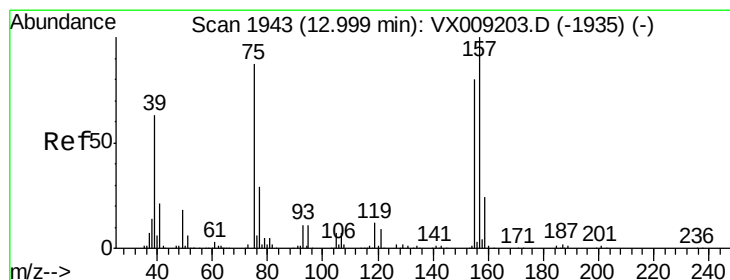
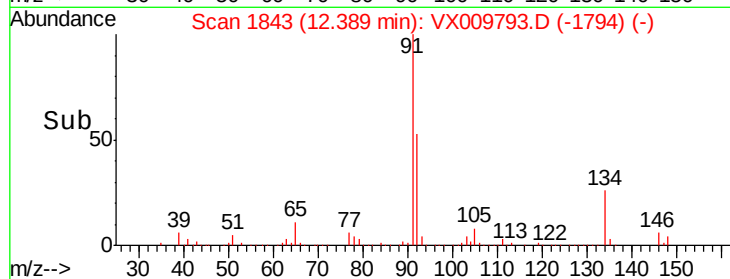
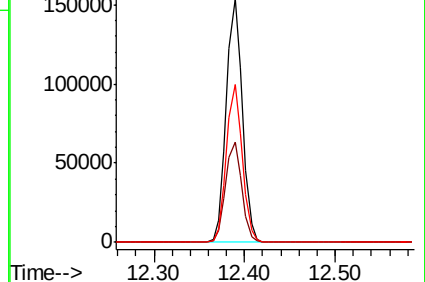
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.583 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

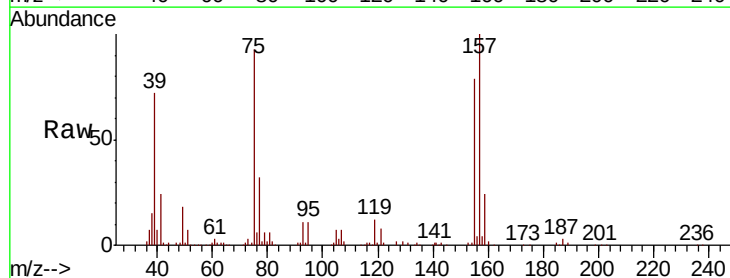
Tgt Ion: 75 Resp: 34583

Ion Ratio Lower Upper

75 100

155 80.4 42.0 126.0

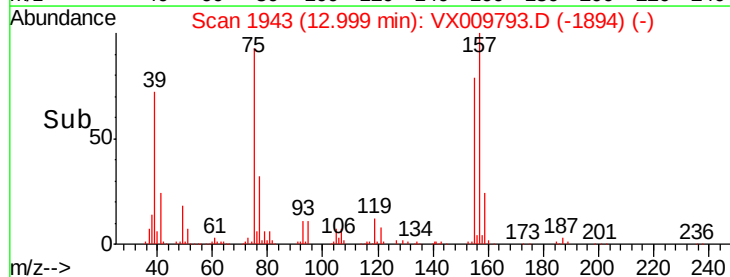
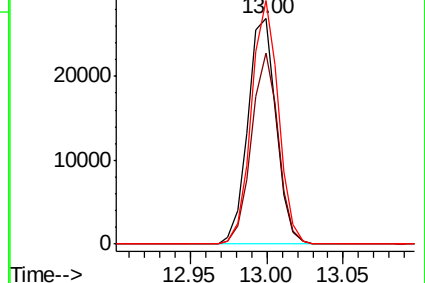
157 102.8 53.2 159.6

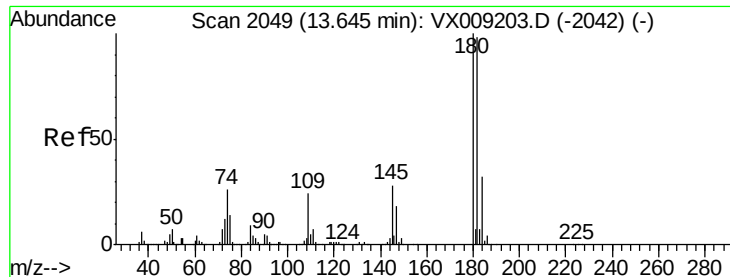


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

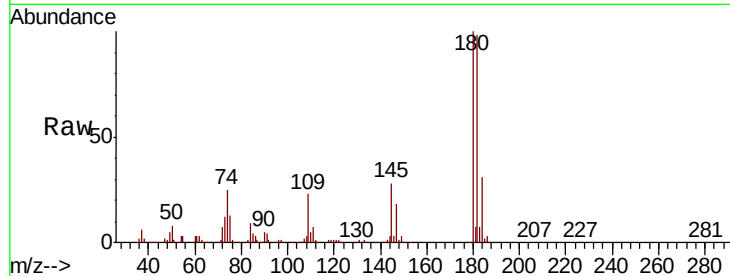




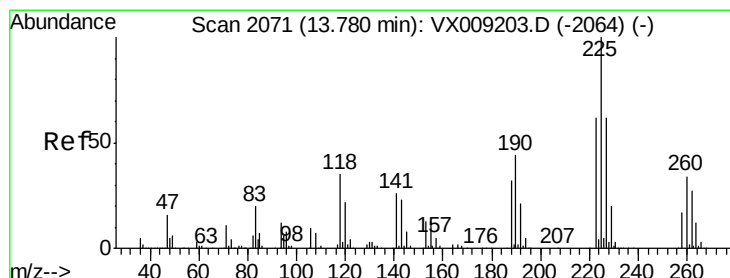
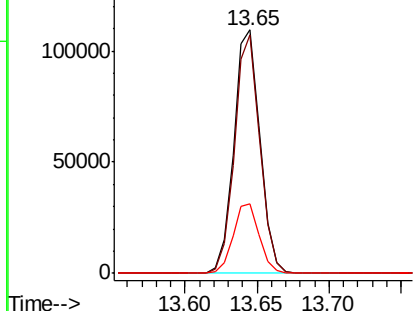
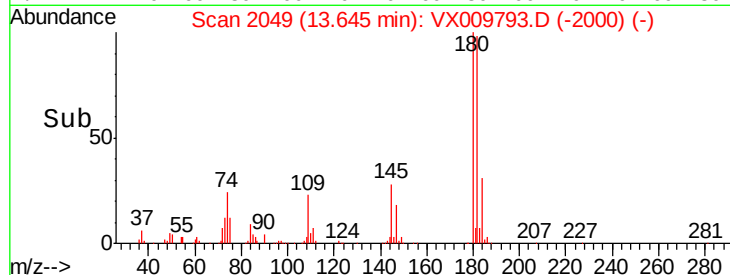
#93
 1,2,4-Trichlorobenzene
 Concen: 45.249 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	28.6	14.6	43.8

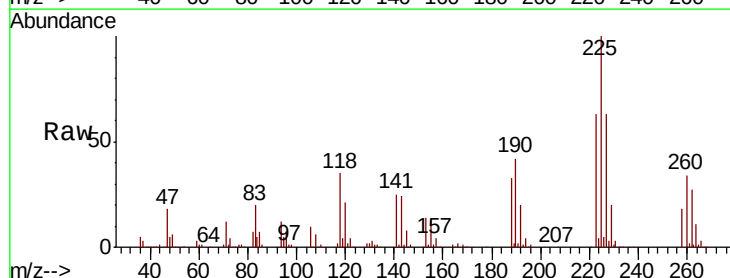


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

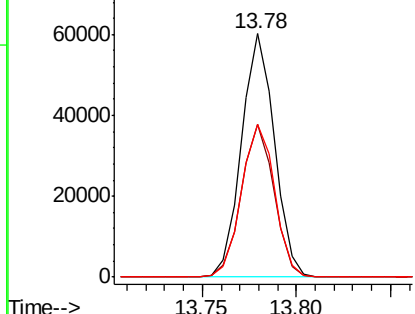
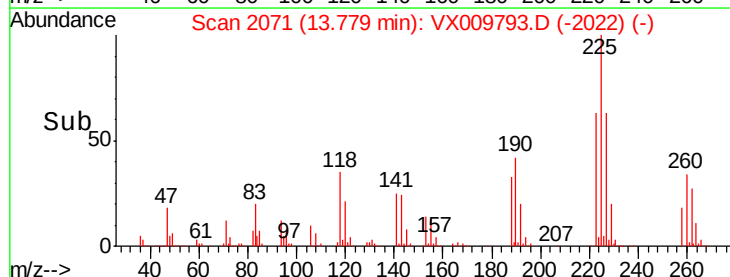


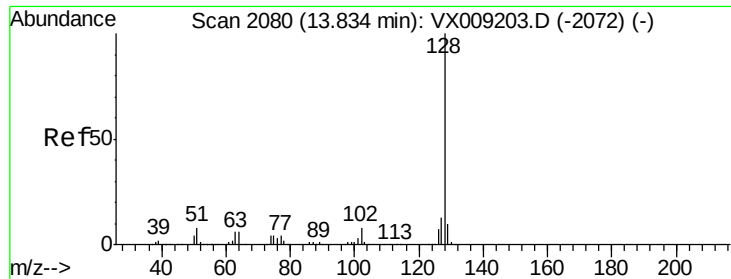
#94
 Hexachlorobutadiene
 Concen: 46.607 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.8
227	63.2	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

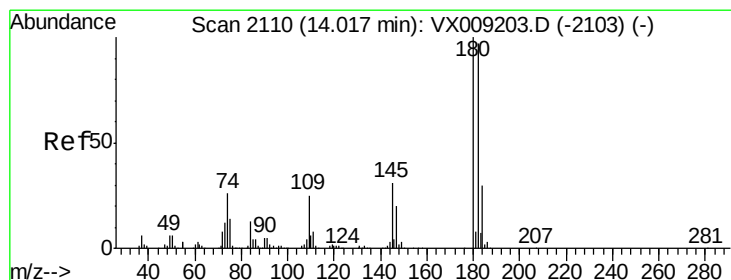
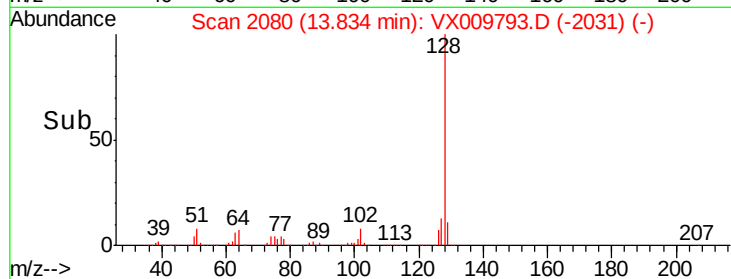
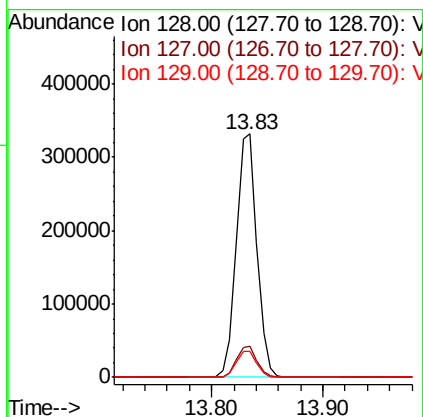
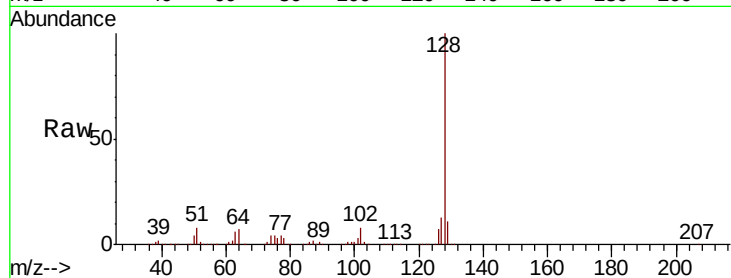




#95
Naphthalene
Concen: 42.387 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.986 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	31.2	15.4	46.4

