

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009393.D
 Acq On : 08 May 2019 13:13
 Operator : JC/SP
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Quant Time: May 09 06:27:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107034	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.49	113	79625	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	322167	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.13	95	116751	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34333	21.906	ug/l	100
3) Chloromethane	1.32	50	47292	22.102	ug/l	100
4) Vinyl Chloride	1.40	62	49452	23.701	ug/l	97
5) Bromomethane	1.64	94	26783	21.386	ug/l	99
6) Chloroethane	1.71	64	34575	25.810	ug/l	95
7) Trichlorofluoromethane	1.92	101	60815	23.978	ug/l	99
8) Diethyl Ether	2.18	74	27447	22.846	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38317	24.058	ug/l	99
10) Methyl Iodide	2.51	142	30735	19.677	ug/l	100
11) Tert butyl alcohol	3.04	59	62230	115.793	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37790	23.681	ug/l	98
13) Acrolein	2.29	56	38793	79.705	ug/l	99
14) Allyl chloride	2.72	41	88885	22.856	ug/l	100
15) Acrylonitrile	3.14	53	150133	114.252	ug/l	99
16) Acetone	2.44	43	142731	114.489	ug/l	97
17) Carbon Disulfide	2.56	76	110568	24.679	ug/l	99
18) Methyl Acetate	2.77	43	62809	21.184	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	142037	22.921	ug/l	100
20) Methylene Chloride	2.85	84	45121	22.353	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	40869	23.615	ug/l	97
22) Diisopropyl ether	3.85	45	171871	22.981	ug/l	98
23) Vinyl Acetate	3.81	43	768525	120.001	ug/l	100
24) 1,1-Dichloroethane	3.69	63	83991	22.765	ug/l	99
25) 2-Butanone	4.67	43	228388	117.889	ug/l	99
26) 2,2-Dichloropropane	4.58	77	62176	22.641	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	48669	23.560	ug/l	96
28) Bromochloromethane	5.01	49	29461	18.087	ug/l	99
29) Tetrahydrofuran	5.13	42	148495	119.115	ug/l	99
30) Chloroform	5.21	83	76428	22.904	ug/l	96
31) Cyclohexane	5.57	56	82586	24.060	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	63250	22.770	ug/l	100
36) 1,1-Dichloropropene	5.79	75	58810	24.013	ug/l	98
37) Ethyl Acetate	4.83	43	84029	24.625	ug/l	99
38) Carbon Tetrachloride	5.78	117	53330	23.967	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75274	25.027	ug/l	98
40) Benzene	6.14	78	182912	24.132	ug/l	99
41) Methacrylonitrile	5.04	41	46801	23.040	ug/l	98
42) 1,2-Dichloroethane	6.19	62	65432	24.065	ug/l	100
43) Isopropyl Acetate	6.44	43	131194	24.036	ug/l	100
44) Trichloroethene	7.21	130	43679	23.837	ug/l	100
45) 1,2-Dichloropropane	7.51	63	51316	23.910	ug/l	100
46) Dibromomethane	7.66	93	29181	23.414	ug/l	99
47) Bromodichloromethane	7.90	83	58127	23.381	ug/l	97
48) Methyl methacrylate	7.77	41	65770	24.288	ug/l	99
49) 1,4-Dioxane	7.73	88	26439	481.436	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	432091	121.115	ug/l	100
52) Toluene	8.78	92	111266	24.149	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66912	23.839	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74953	24.126	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43920	23.365	ug/l	93
56) Ethyl methacrylate	9.18	69	79764	23.772	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79240	23.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	172591	96.961	ug/l	100
59) 2-Hexanone	9.49	43	336528	120.105	ug/l	100
60) Dibromochloromethane	9.58	129	43781	23.847	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45574	24.019	ug/l	99
64) Tetrachloroethene	9.34	164	40567	24.928	ug/l	97
65) Chlorobenzene	10.13	112	113145	23.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40761	23.690	ug/l	99
67) Ethyl Benzene	10.25	91	210989	24.157	ug/l	100
68) m/p-Xylenes	10.36	106	154999	48.562	ug/l	98
69) o-Xylene	10.69	106	74115	23.535	ug/l	98
70) Styrene	10.71	104	131532	24.031	ug/l	100
71) Bromoform	10.85	173	33004	23.604	ug/l	# 100
73) Isopropylbenzene	11.02	105	202021	23.824	ug/l	100
74) N-amyl acetate	10.90	43	113300	22.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73093	23.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	83847	30.998	ug/l	83
77) Bromobenzene	11.25	156	49093	23.326	ug/l	100
78) n-propylbenzene	11.36	91	233811	24.144	ug/l	100
79) 2-Chlorotoluene	11.42	91	139916	23.418	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171861	24.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24055	22.754	ug/l	97
82) 4-Chlorotoluene	11.51	91	158074	23.420	ug/l	100
83) tert-Butylbenzene	11.77	119	162459	23.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	173323	24.185	ug/l	99
85) sec-Butylbenzene	11.94	105	197785	24.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	178163	24.067	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88076	23.475	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	86795	22.946	ug/l	98
89) n-Butylbenzene	12.38	91	160375	23.969	ug/l	99
90) Hexachloroethane	12.59	117	28855	22.879	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	89160	23.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16493	23.258	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

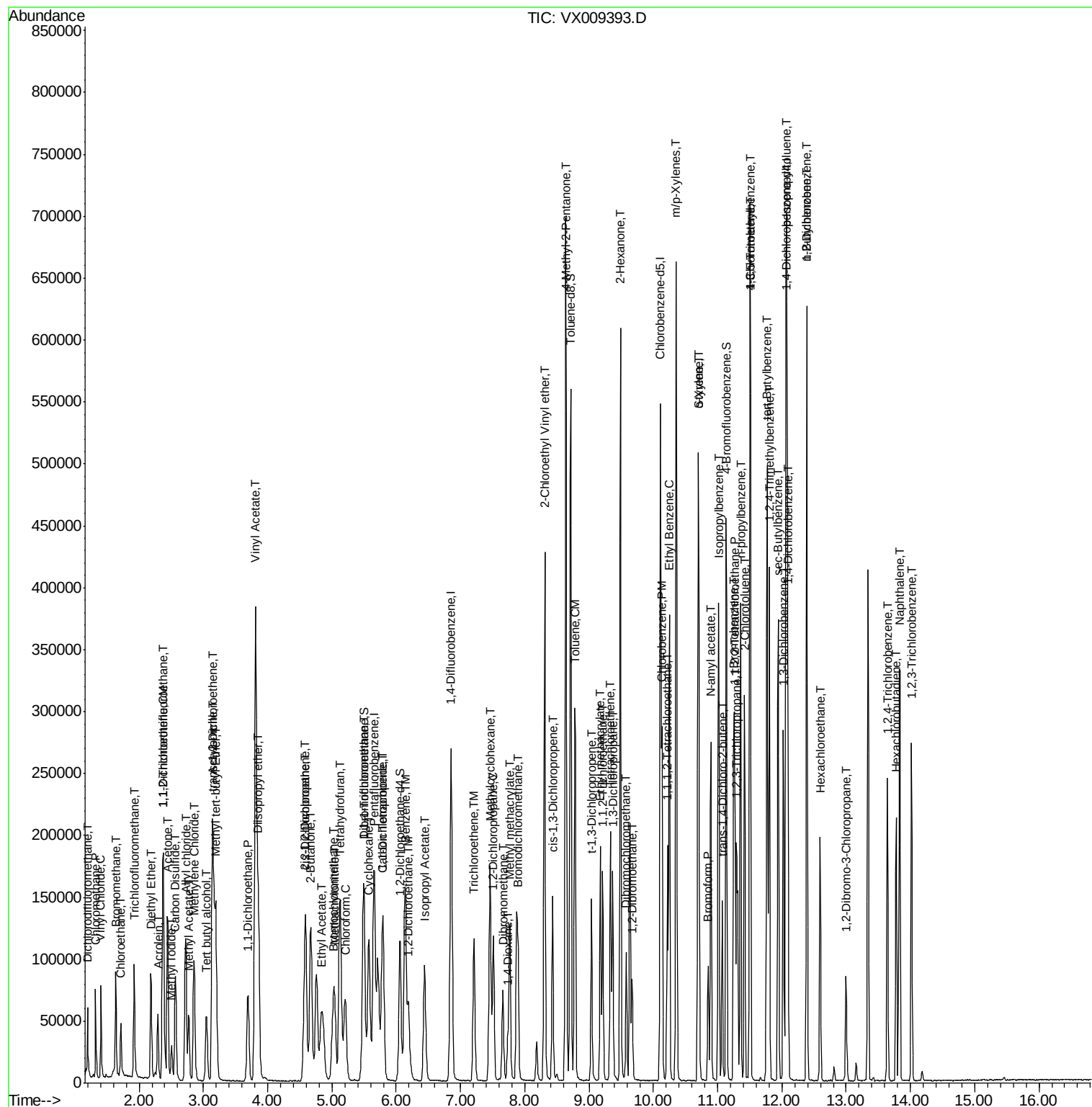
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62127	23.773	ug/l	100
94) Hexachlorobutadiene	13.78	225	32001	23.980	ug/l	98
95) Naphthalene	13.83	128	208810	24.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64621	24.394	ug/l	100

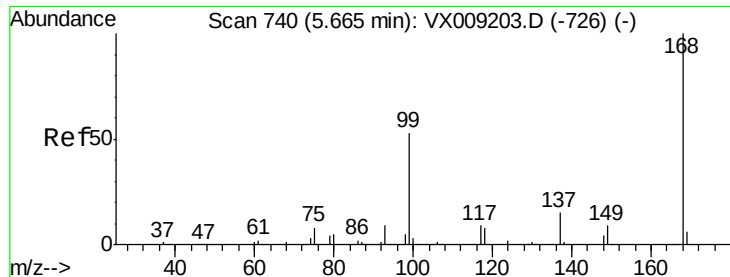
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009393.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

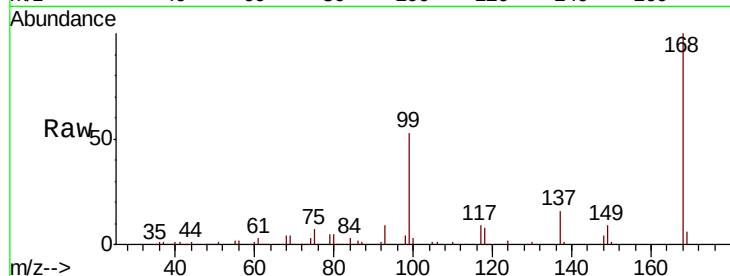
VX0508WBS01

Tot Ion:168 Resp: 170076

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

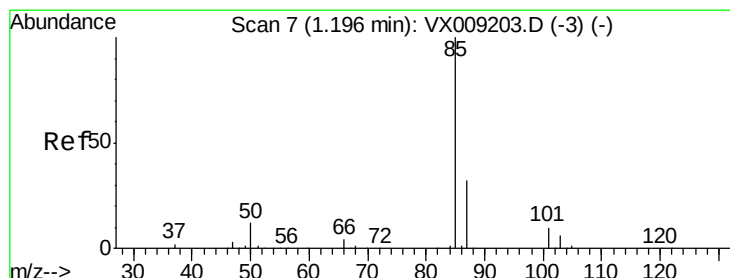
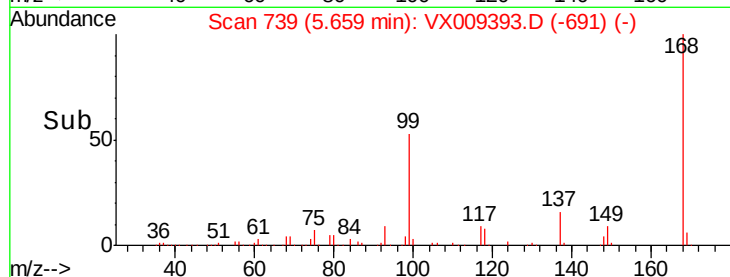
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.906 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009393.D

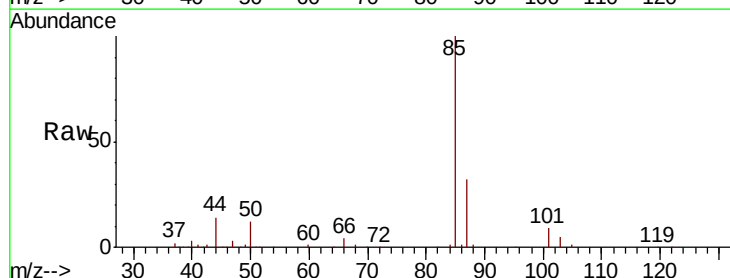
Acq: 08 May 2019 13:13

Tgt Ion: 85 Resp: 34333

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

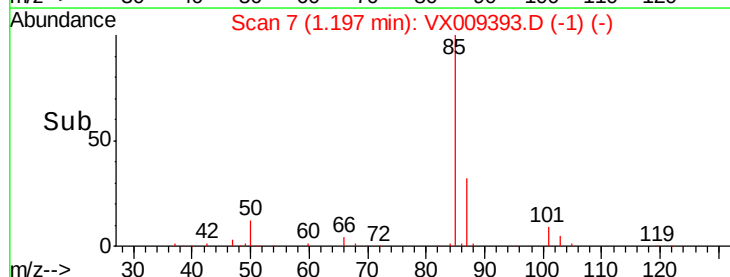
20000

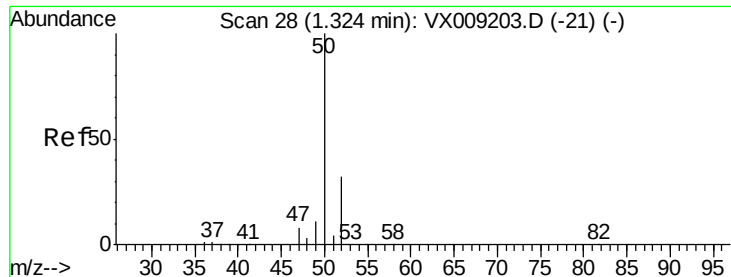
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

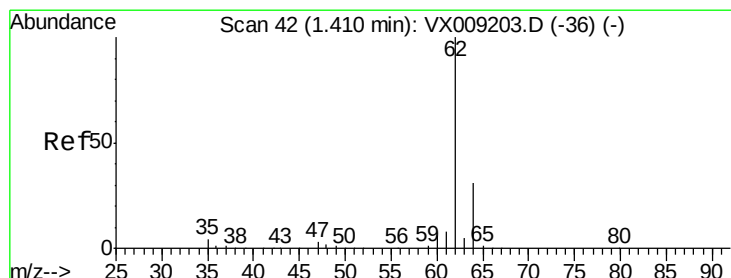
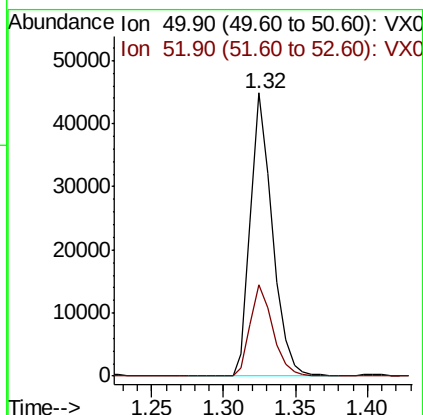
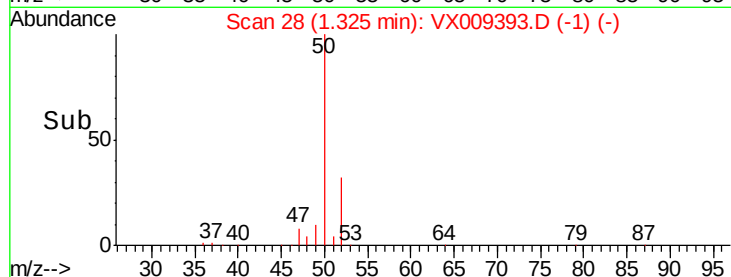
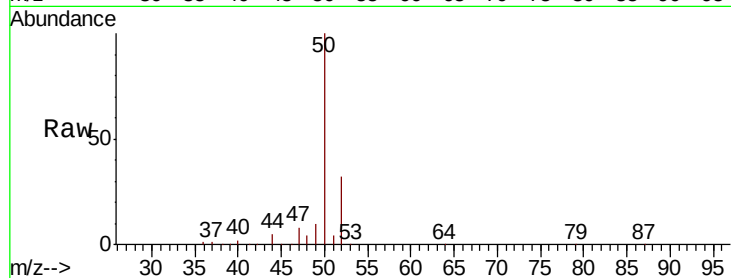
VX0508WBS01

Tot Ion: 50 Resp: 47292

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 23.701 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009393.D

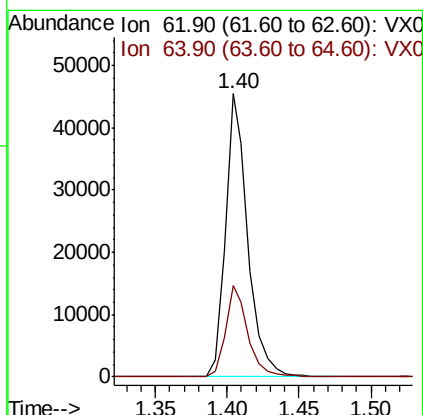
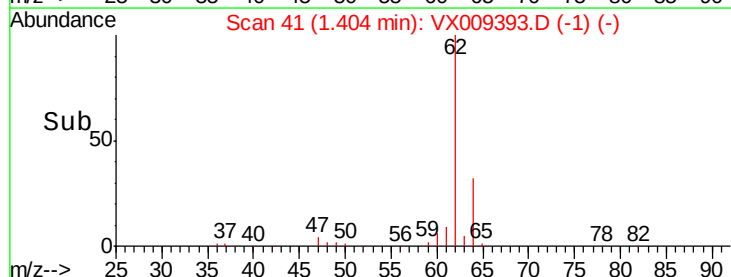
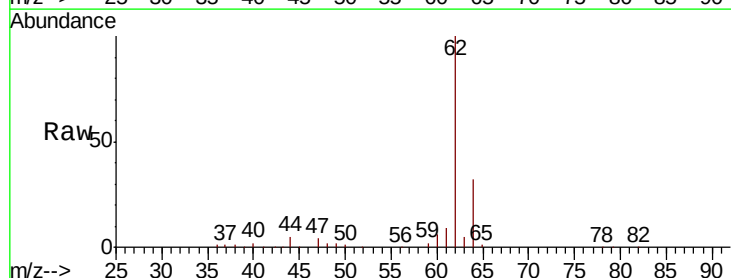
Acq: 08 May 2019 13:13

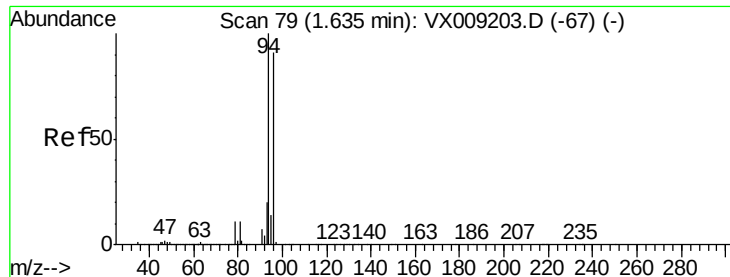
Tgt Ion: 62 Resp: 49452

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: 21.386 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

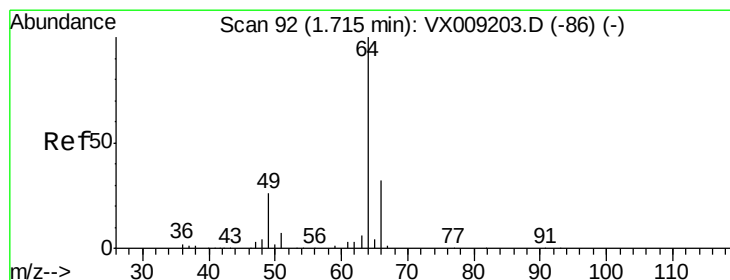
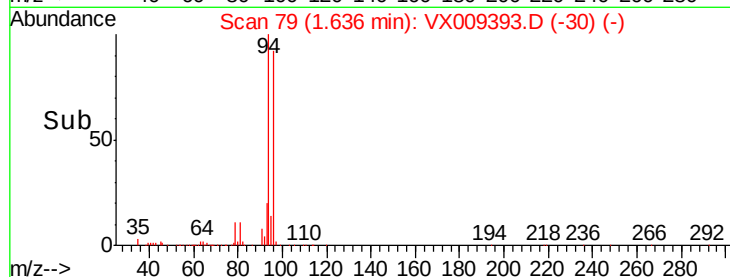
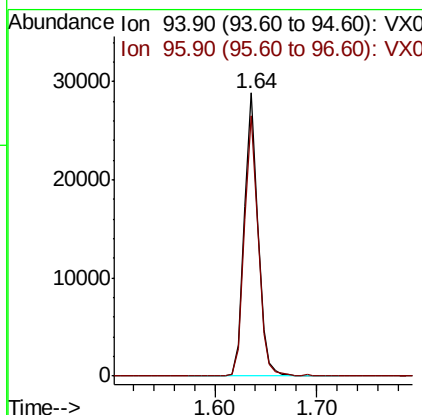
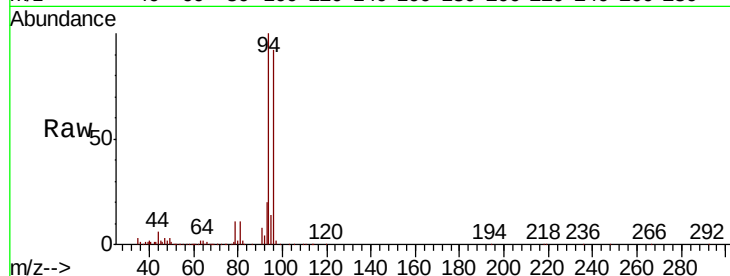
VX0508WBS01

Tot Ion: 94 Resp: 26783

Ion Ratio Lower Upper

94 100

96 91.9 73.0 109.6



#6

Chloroethane

Concen: 25.810 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009393.D

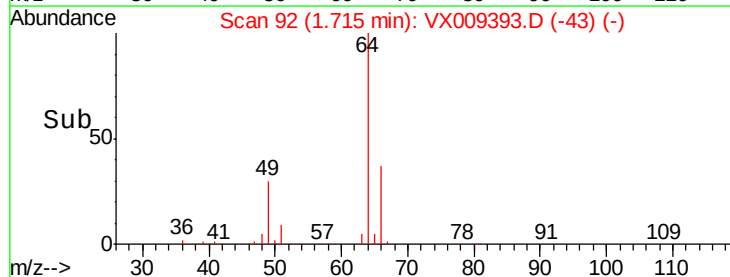
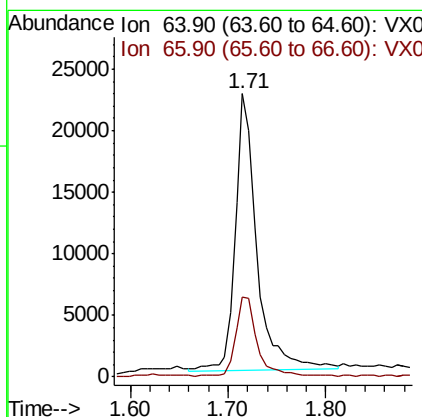
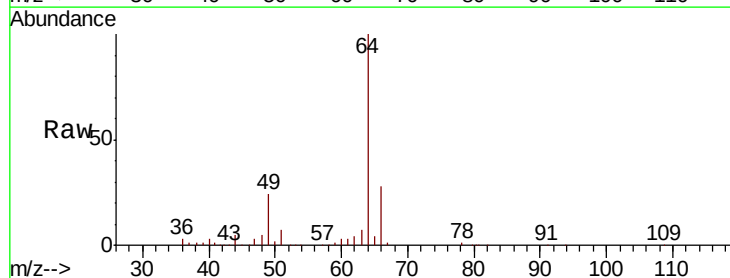
Acq: 08 May 2019 13:13

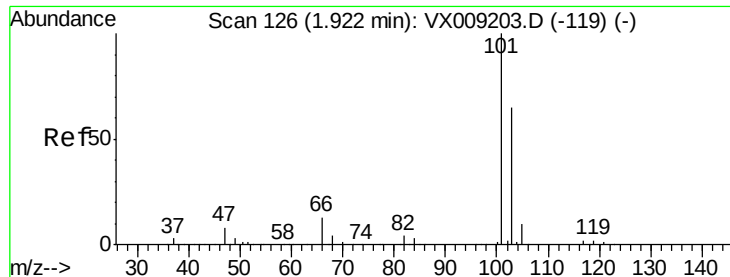
Tgt Ion: 64 Resp: 34575

Ion Ratio Lower Upper

64 100

66 28.6 25.3 37.9



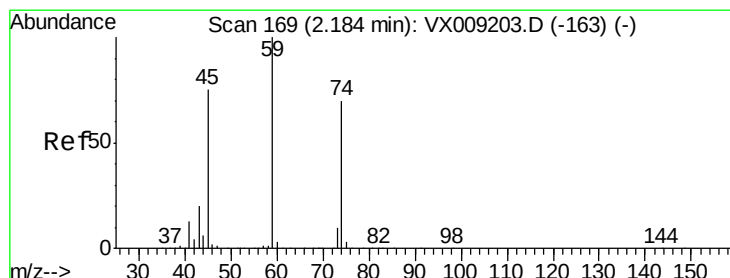
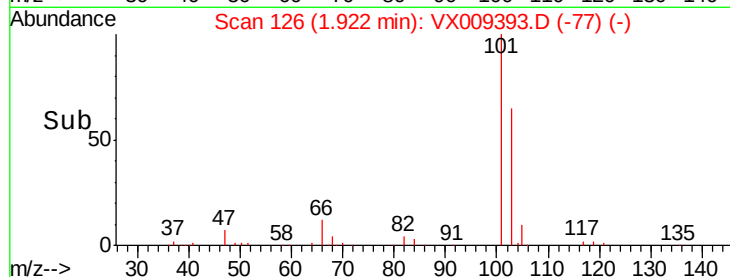
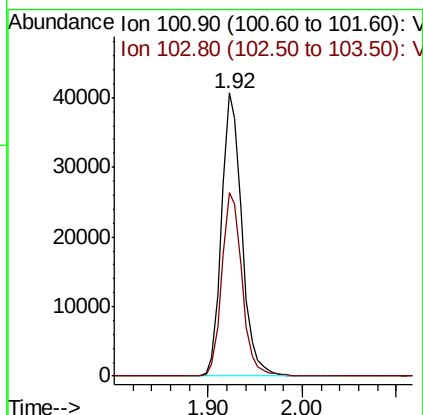
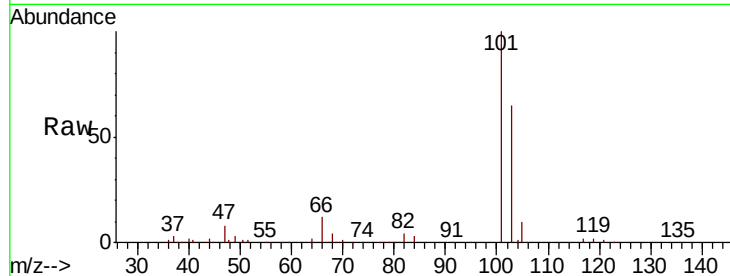


#7

Trichlorofluoromethane
 Concen: 23.978 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

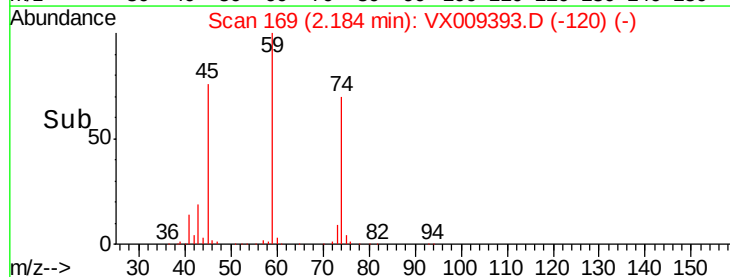
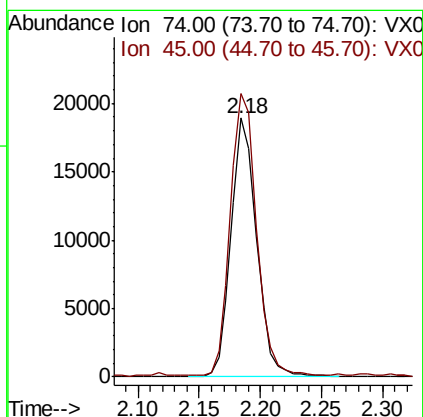
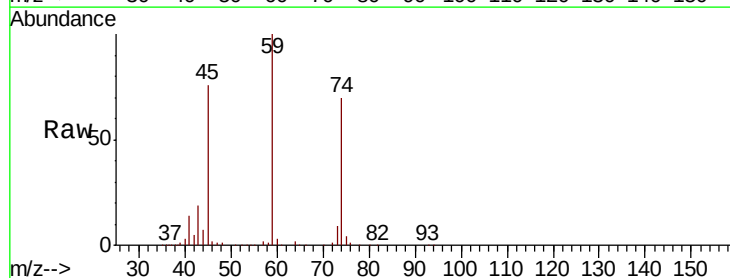
Tot Ion:101 Resp: 60815
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6

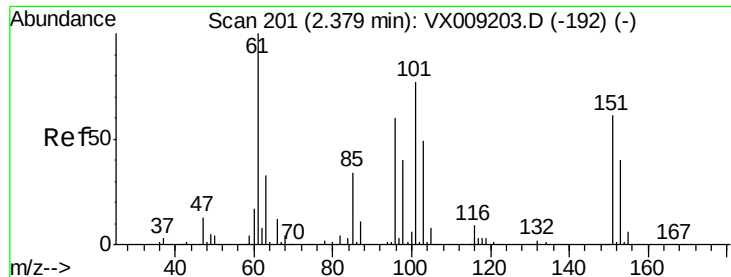


#8

Diethyl Ether
 Concen: 22.846 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion: 74 Resp: 27447
 Ion Ratio Lower Upper
 74 100
 45 111.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.058 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

VX0508WBS01

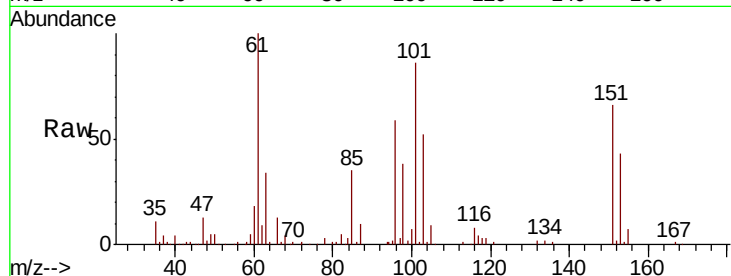
Tot Ion:101 Resp: 38317

Ion Ratio Lower Upper

101 100

85 43.2 35.7 53.5

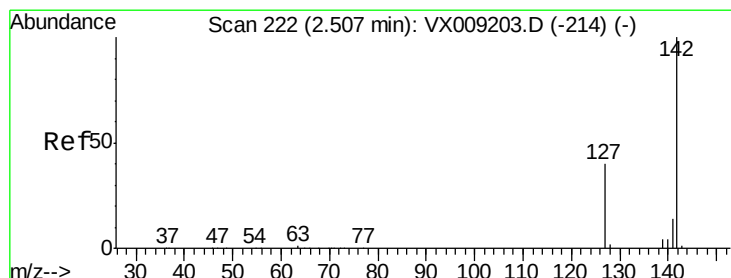
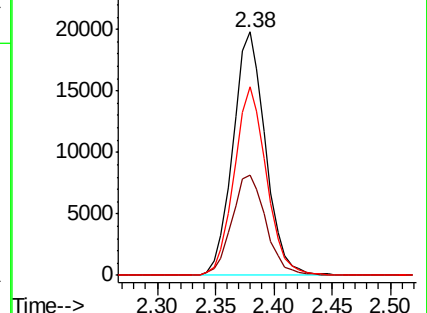
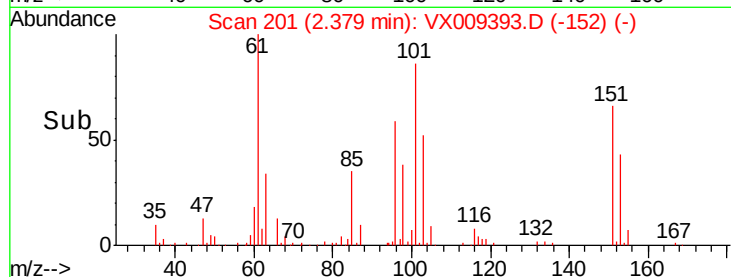
151 77.1 62.2 93.2



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: 19.677 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

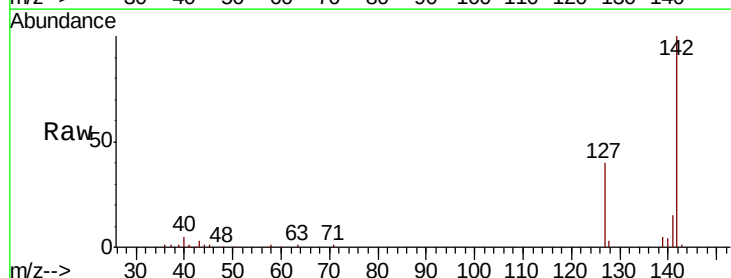
Tgt Ion:142 Resp: 30735

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

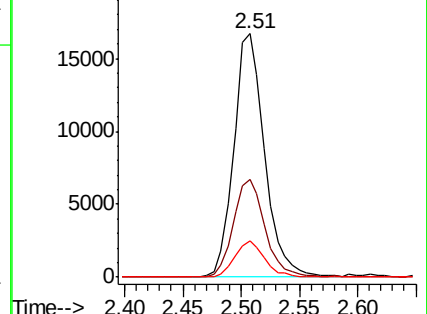
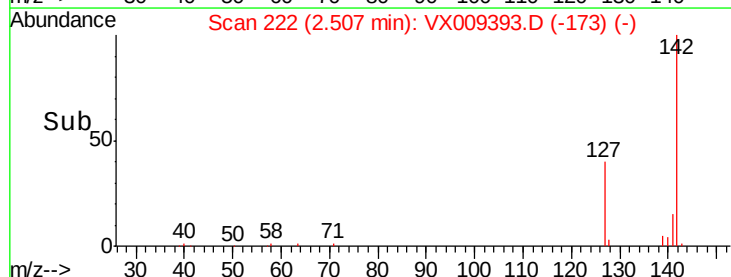
141 14.2 11.5 17.3

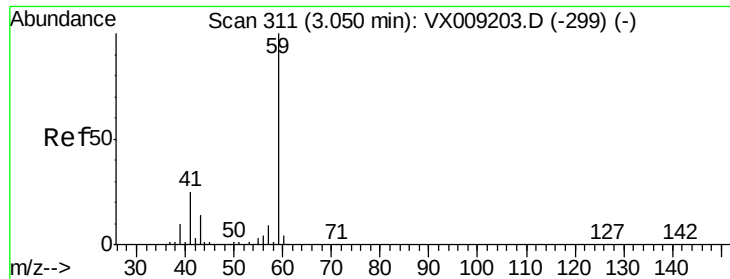


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

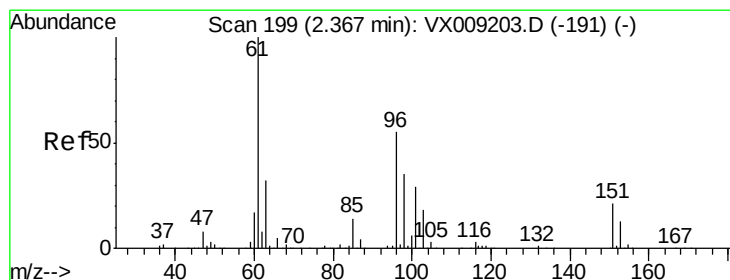
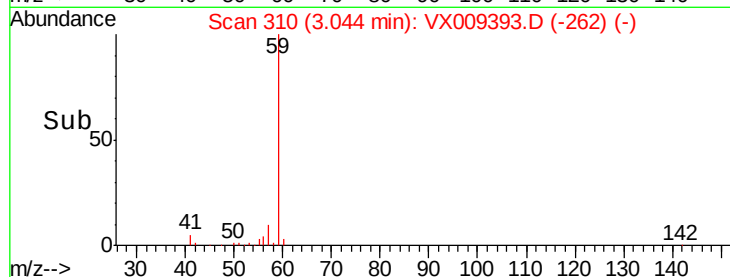
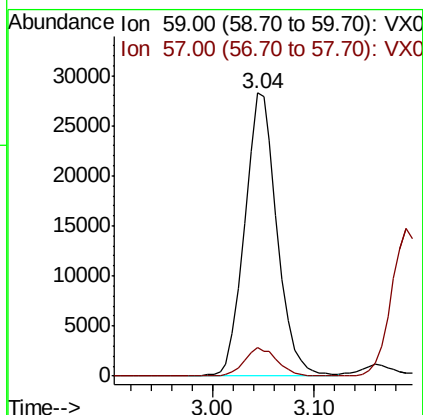
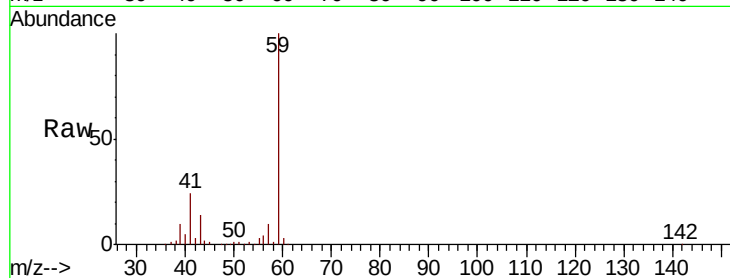




#11
Tert butyl alcohol
Concen: 115.793 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

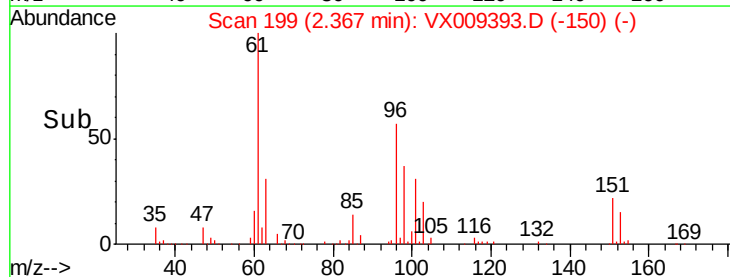
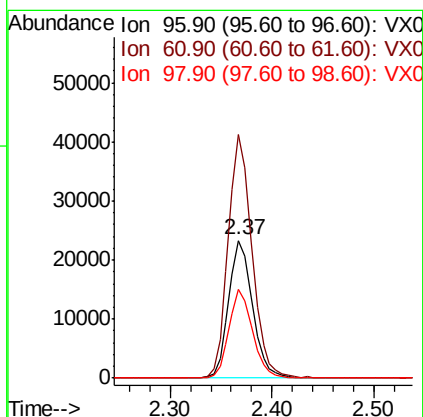
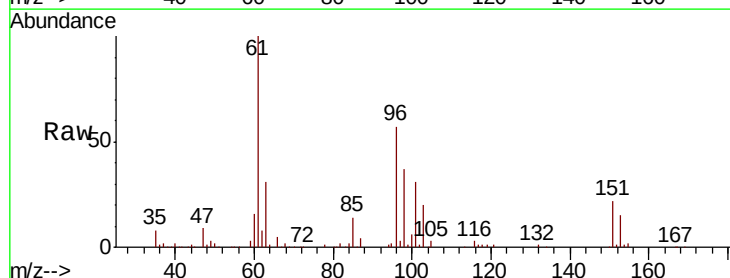
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

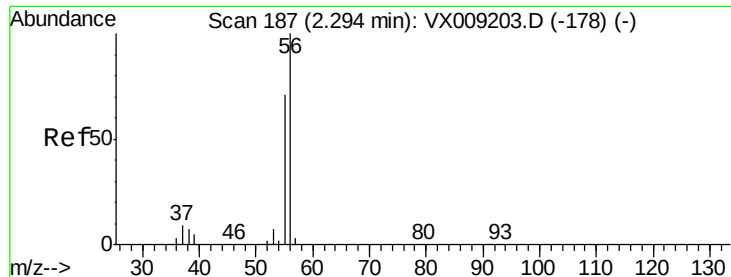
Tot Ion: 59 Resp: 62230
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 23.681 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 96 Resp: 37790
Ion Ratio Lower Upper
96 100
61 176.8 144.3 216.5
98 64.6 50.3 75.5





#13

Acrolein

Concen: 79.705 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

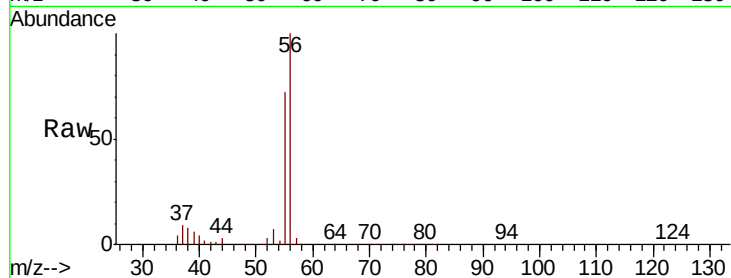
VX0508WBS01

Tot Ion: 56 Resp: 38793

Ion Ratio Lower Upper

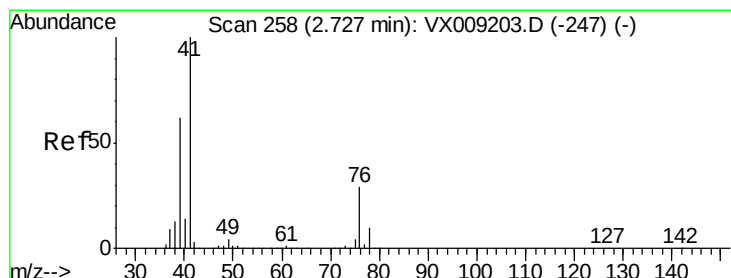
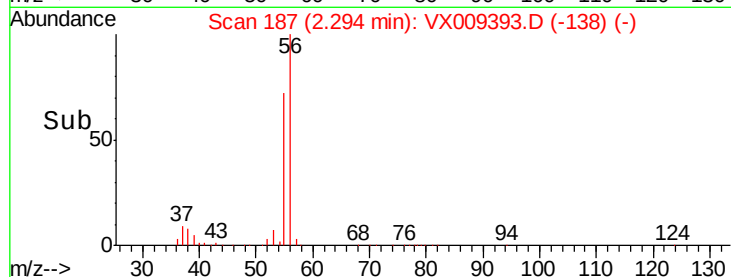
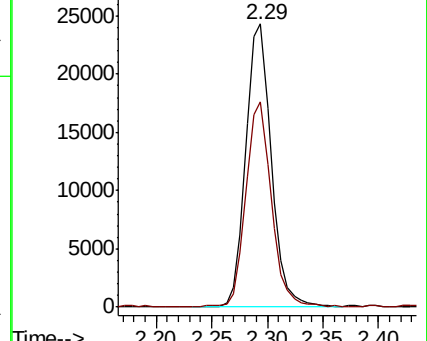
56 100

55 71.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 22.856 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

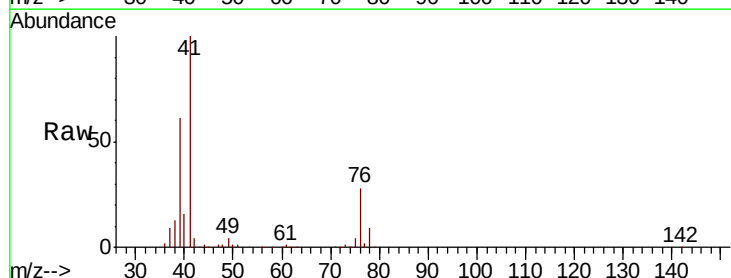
Tgt Ion: 41 Resp: 88885

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

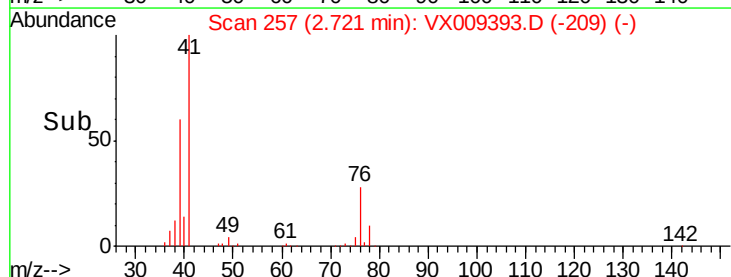
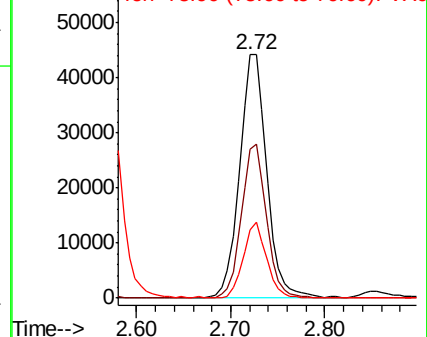
76 26.9 21.8 32.8

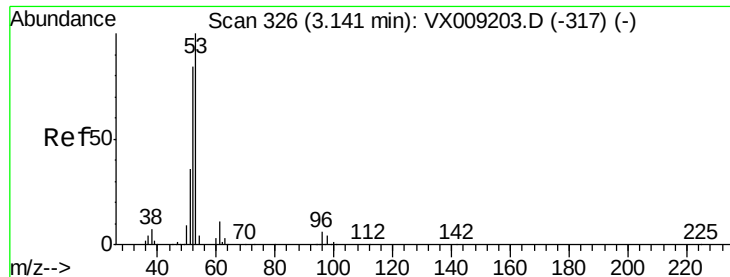


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 114.252 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

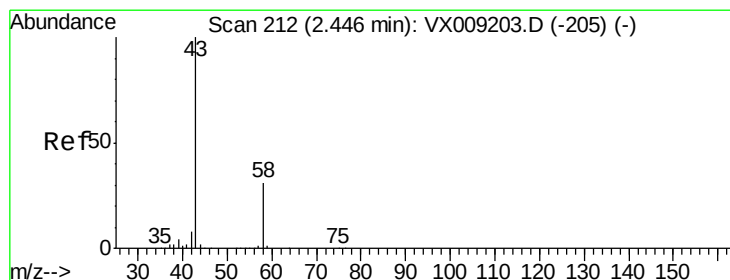
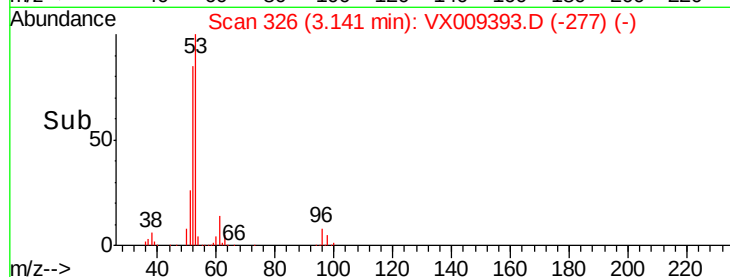
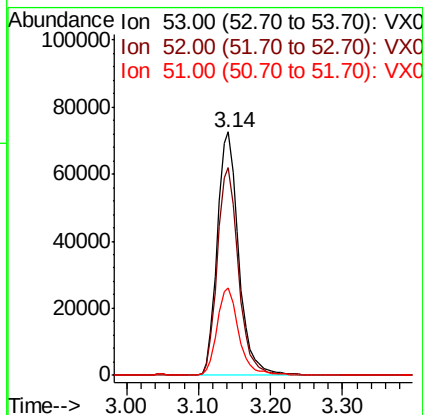
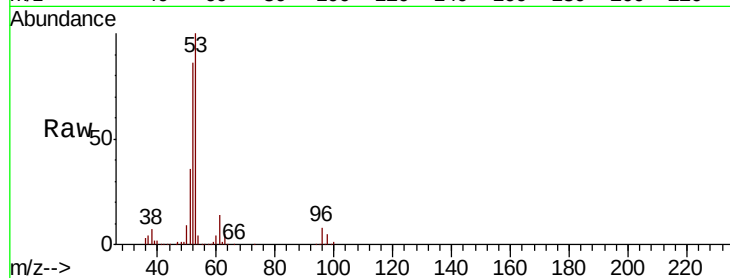
Tot Ion: 53 Resp: 150133

Ion Ratio Lower Upper

53 100

52 84.4 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 114.489 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009393.D

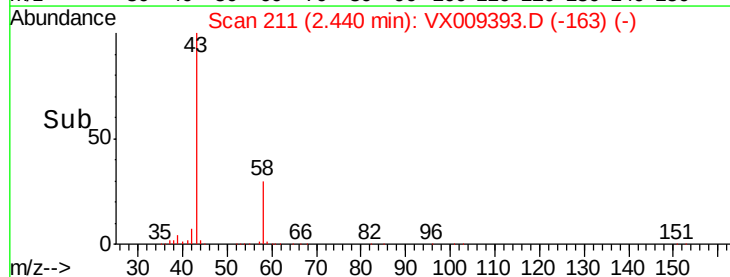
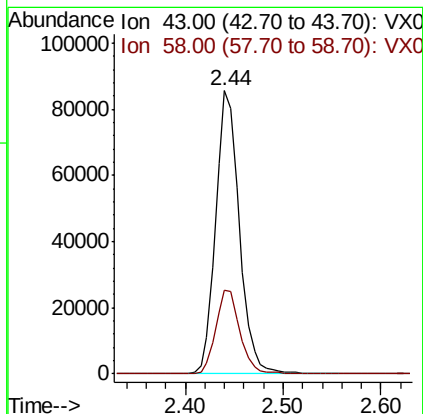
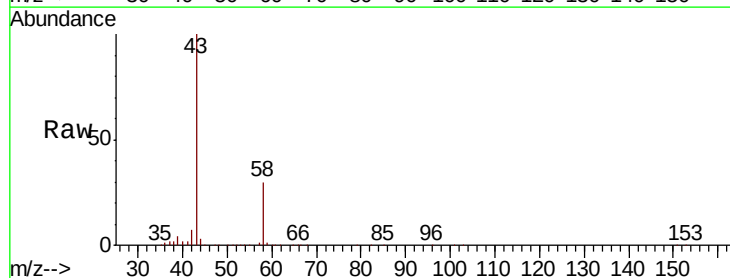
Acq: 08 May 2019 13:13

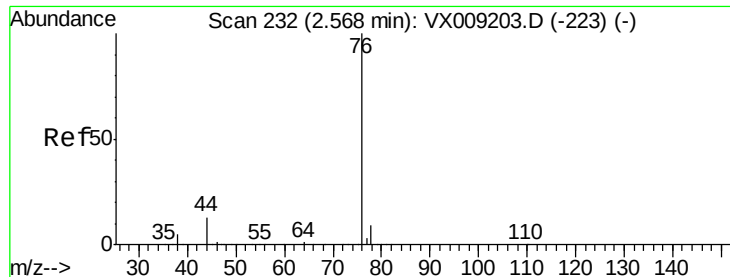
Tgt Ion: 43 Resp: 142731

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3

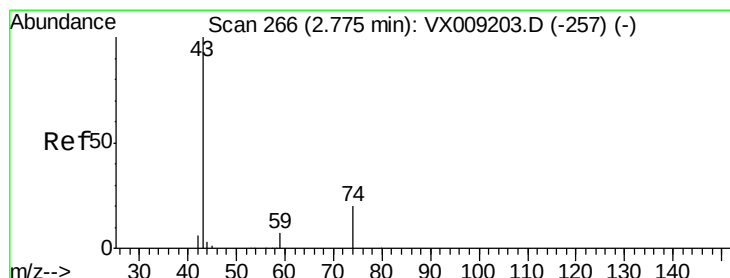
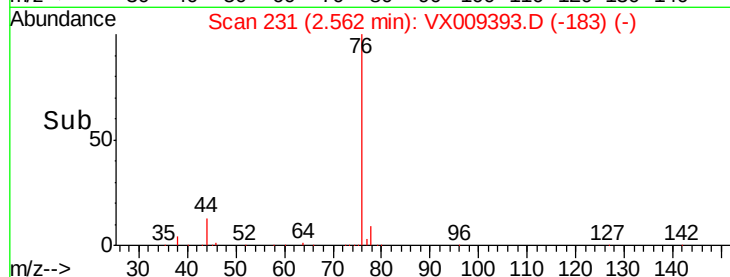
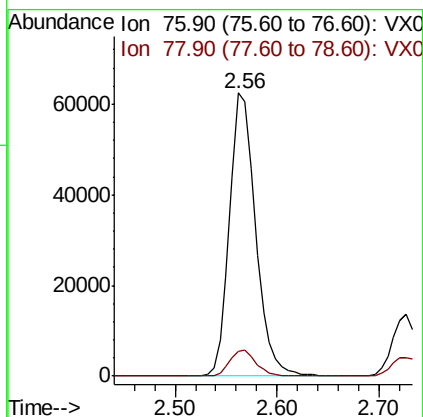
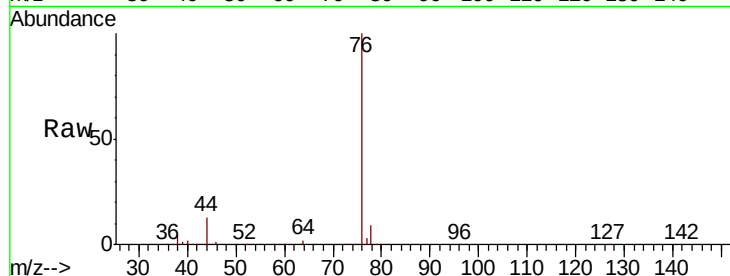




#17
Carbon Disulfide
Concen: 24.679 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

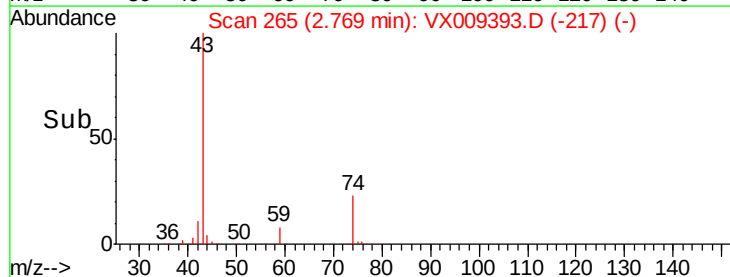
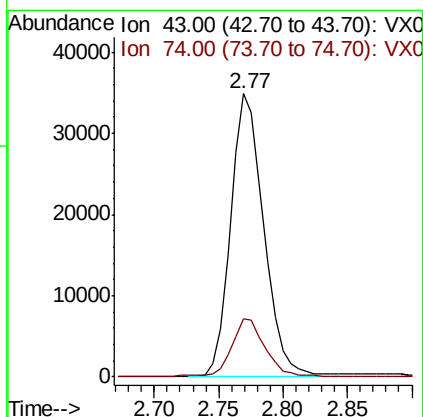
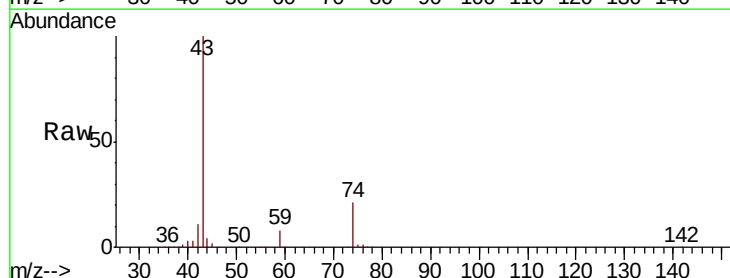
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

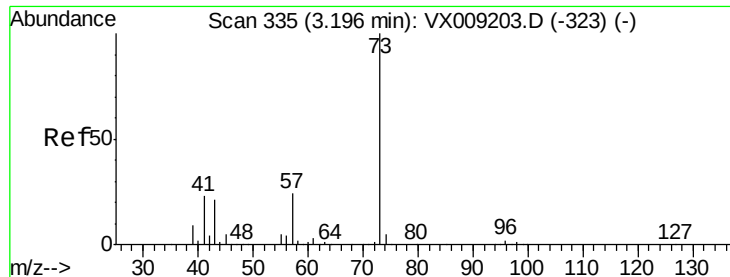
Tot Ion: 76 Resp: 110568
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.184 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 43 Resp: 62809
Ion Ratio Lower Upper
43 100
74 20.8 16.2 24.4

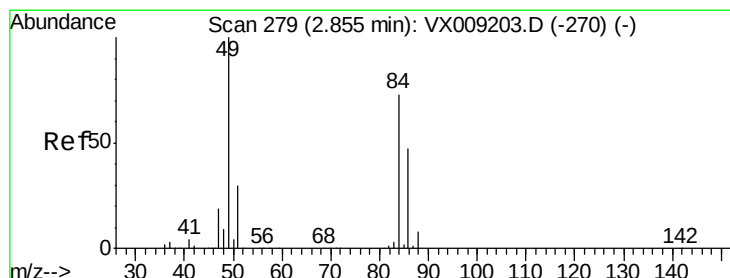
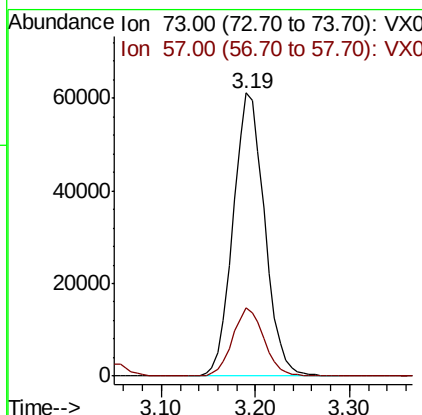
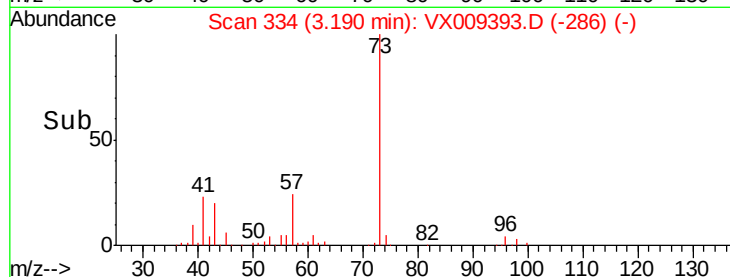
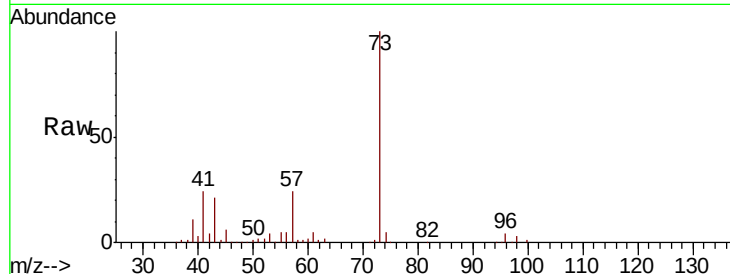




#19
Methyl tert-butyl Ether
Concen: 22.921 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

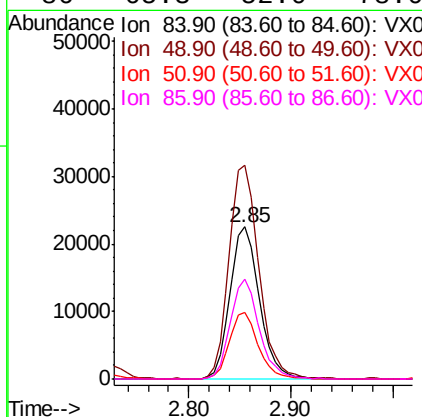
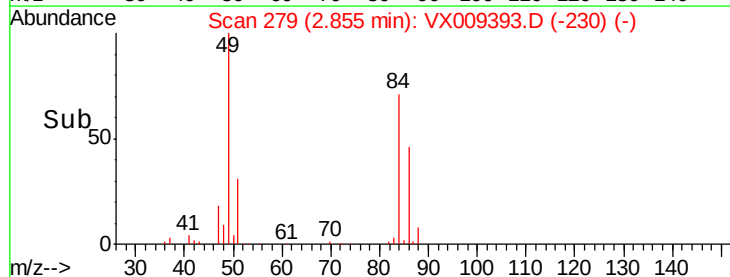
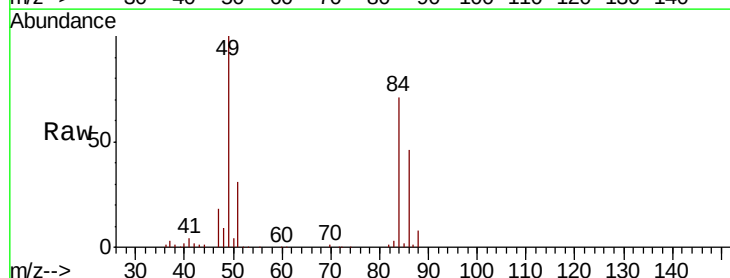
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

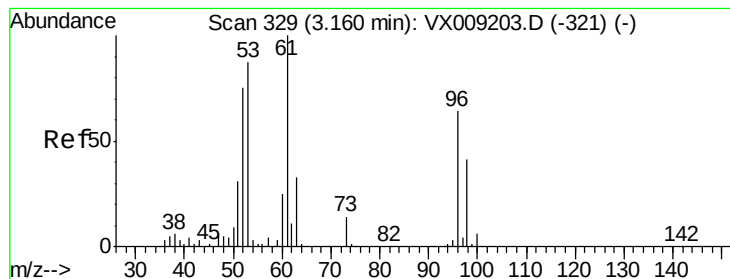
Tot Ion: 73 Resp: 142037
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 22.353 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 84 Resp: 45121
Ion Ratio Lower Upper
84 100
49 140.0 109.9 164.9
51 43.7 32.7 49.1
86 65.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 23.615 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

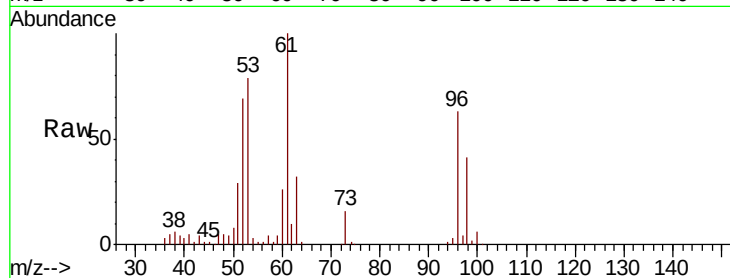
Tot Ion: 96 Resp: 40869

Ion Ratio Lower Upper

96 100

61 159.2 124.5 186.7

98 65.8 50.4 75.6

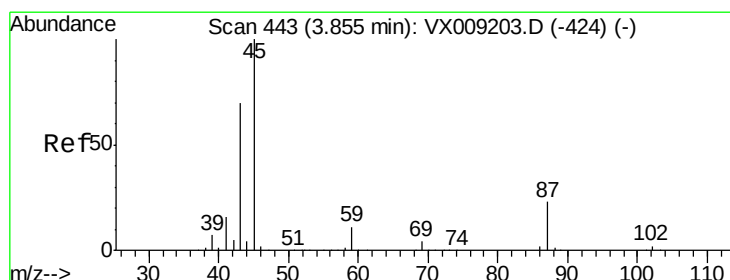
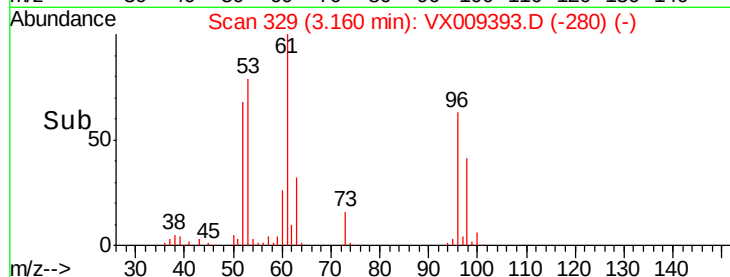
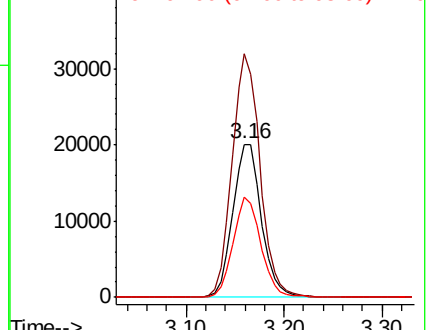


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.981 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion: 45 Resp: 171871

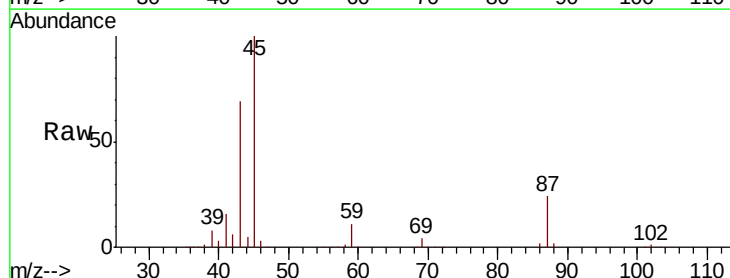
Ion Ratio Lower Upper

45 100

43 68.4 56.1 84.1

87 23.5 18.1 27.1

59 11.0 8.5 12.7



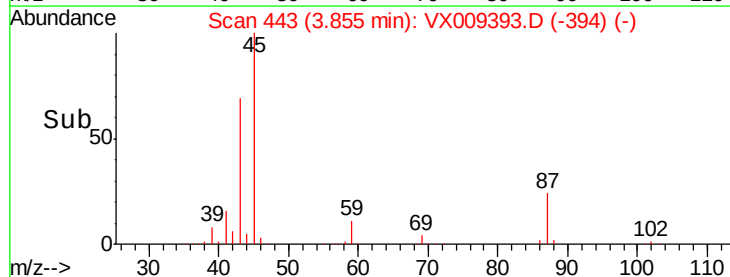
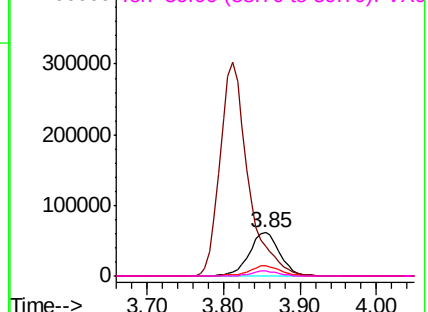
Abundance

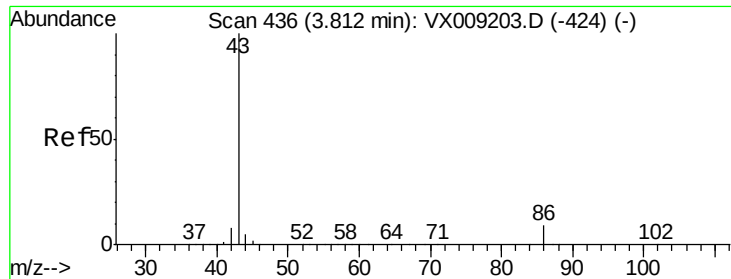
Ion 45.00 (44.70 to 45.70): VX0

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: 120.001 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

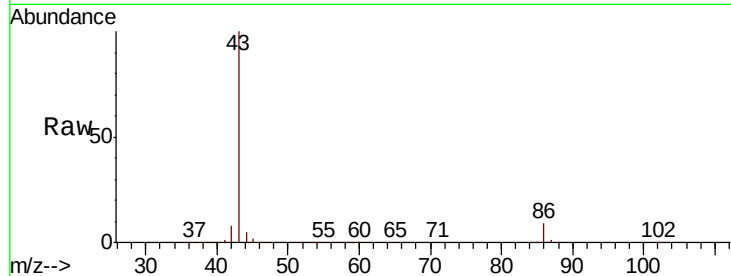
VX0508WBS01

Tot Ion: 43 Resp: 768525

Ion Ratio Lower Upper

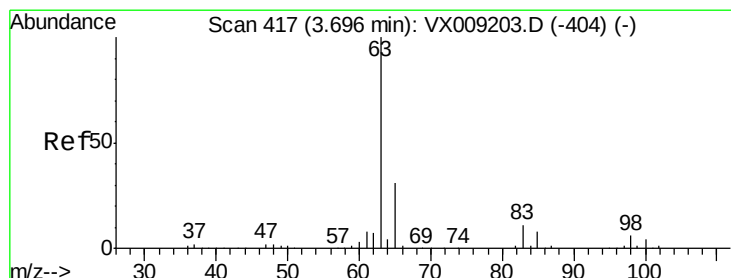
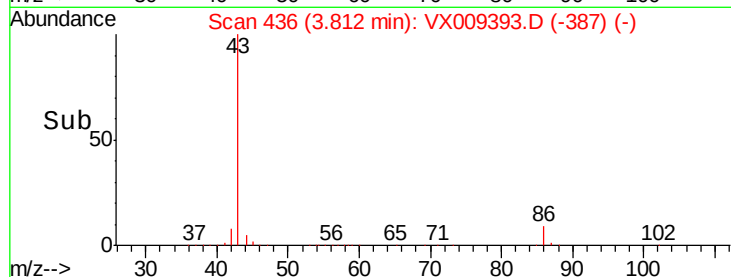
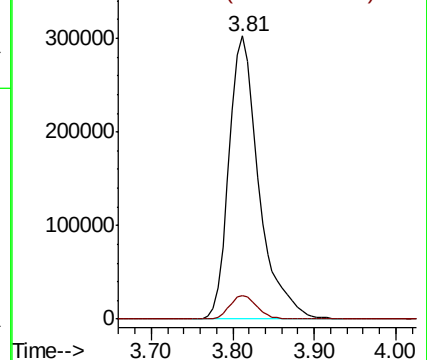
43 100

86 8.5 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: 22.765 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

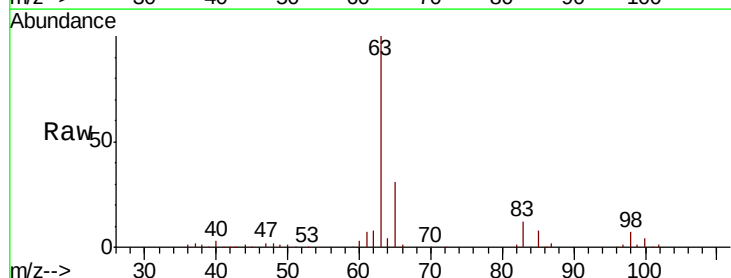
Tgt Ion: 63 Resp: 83991

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

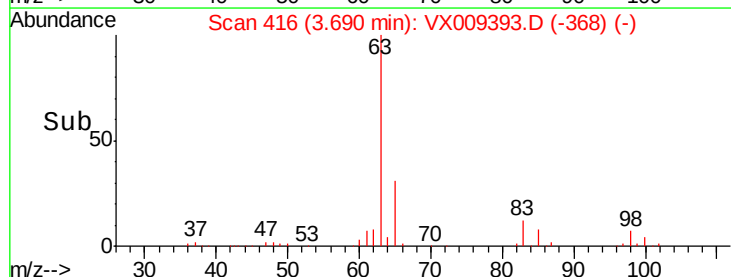
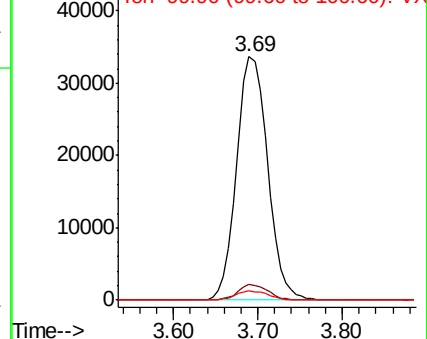
100 3.8 2.0 6.0

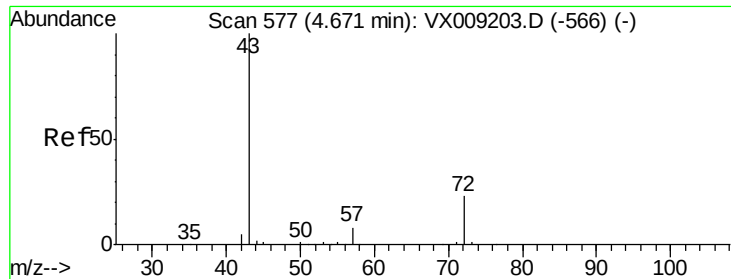


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 117.889 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

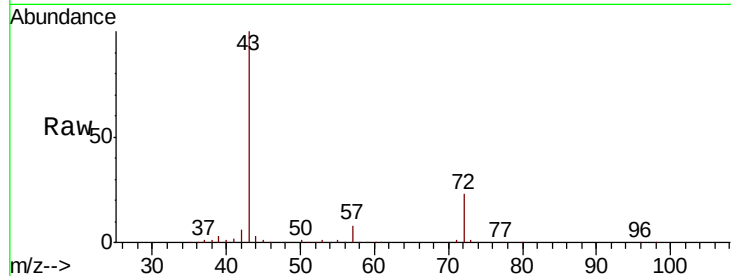
VX0508WBS01

Tot Ion: 43 Resp: 228388

Ion Ratio Lower Upper

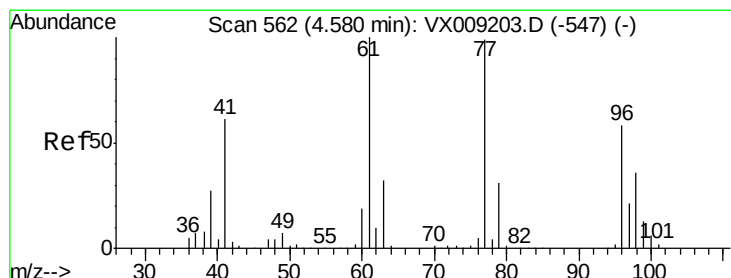
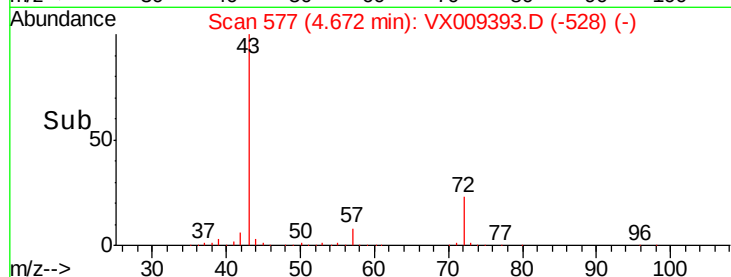
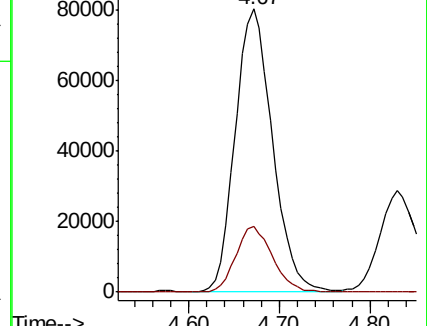
43 100

72 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.641 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009393.D

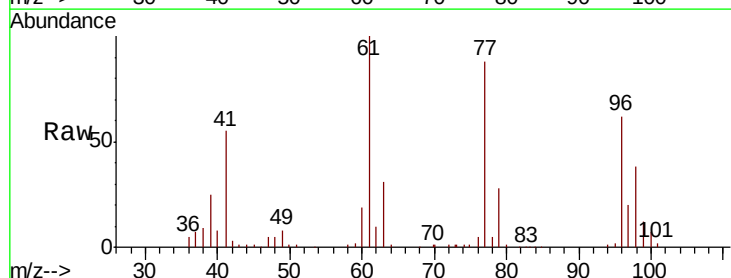
Acq: 08 May 2019 13:13

Tgt Ion: 77 Resp: 62176

Ion Ratio Lower Upper

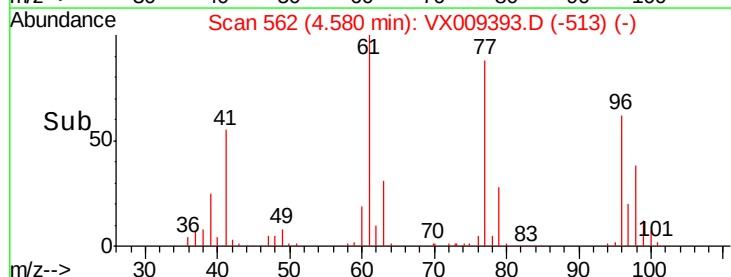
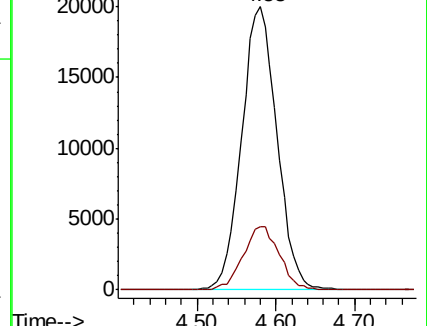
77 100

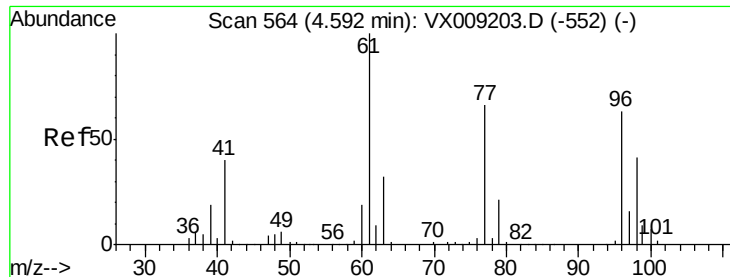
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



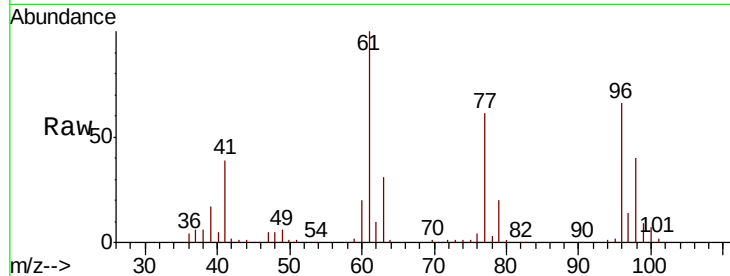


#27

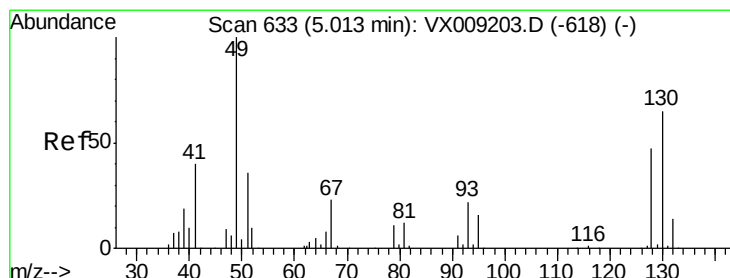
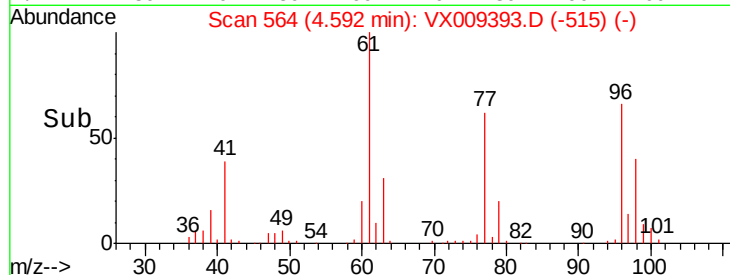
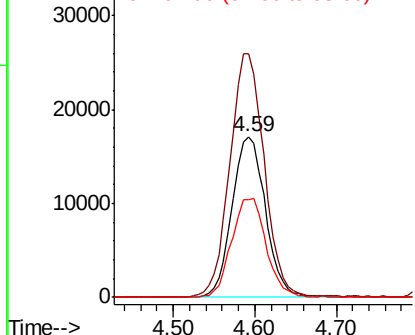
cis-1,2-Dichloroethene
 Concen: 23.560 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	324.0
98	63.5	0.0	130.4



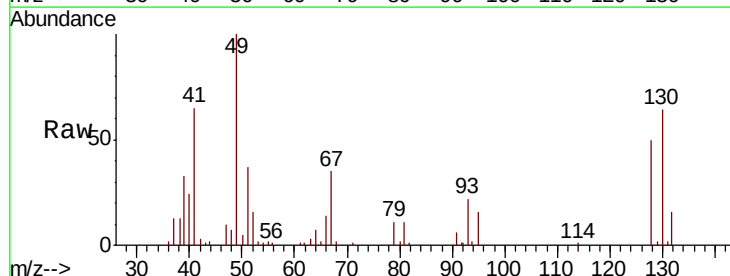
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



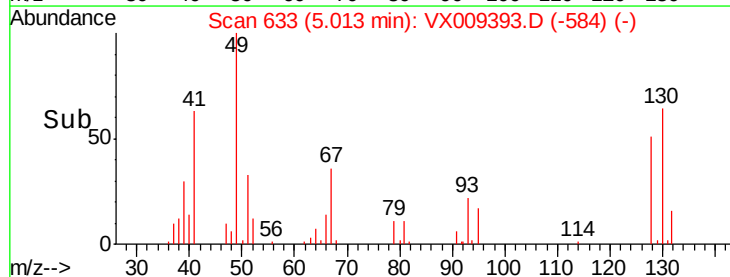
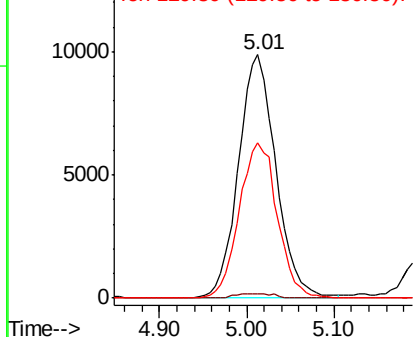
#28

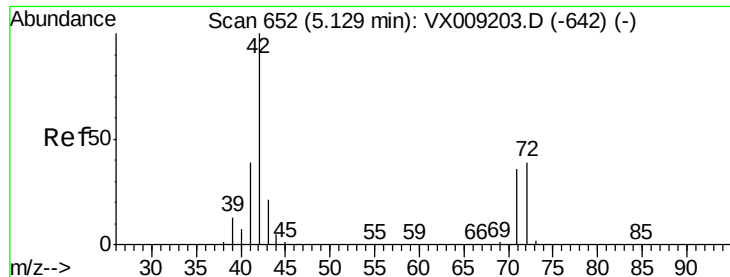
Bromochloromethane
 Concen: 18.087 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	64.8	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

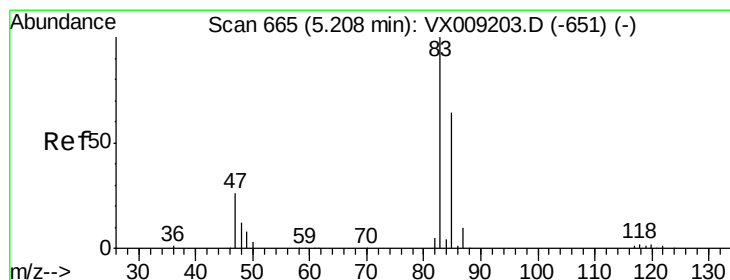
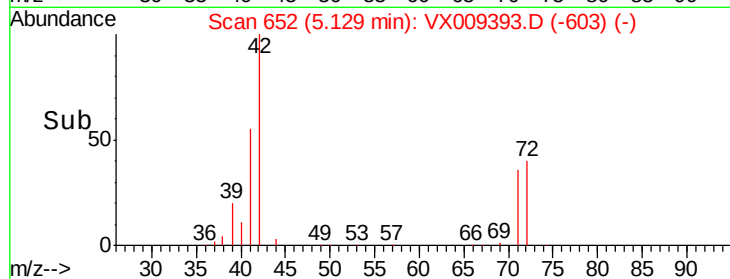
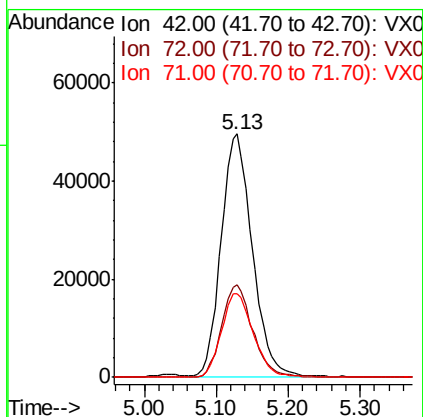
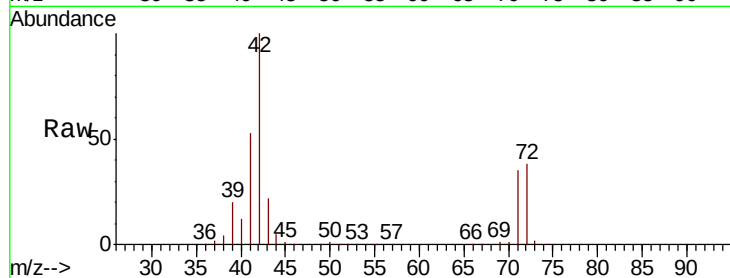




#29
Tetrahydrofuran
Concen: 119.115 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

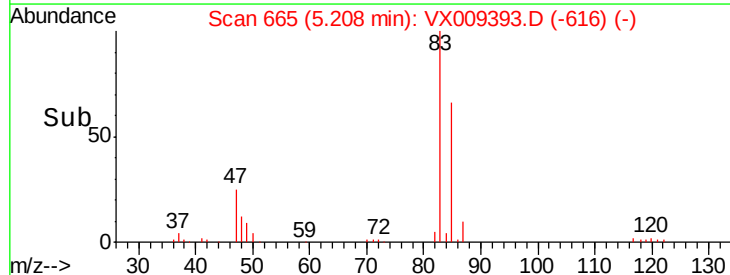
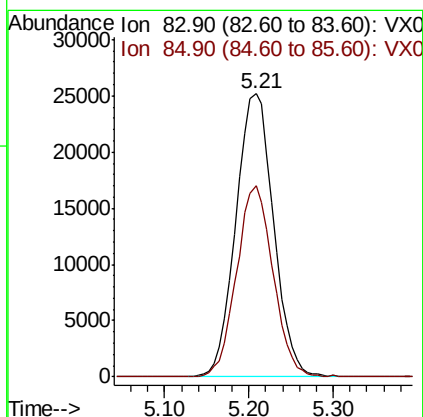
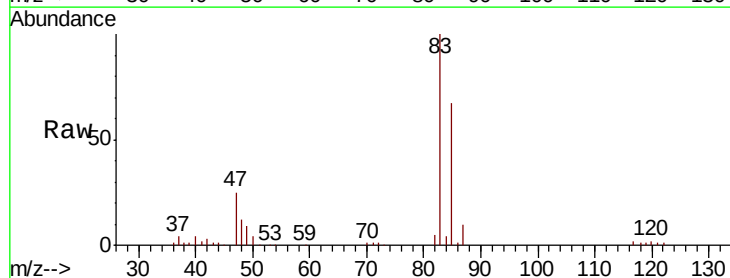
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

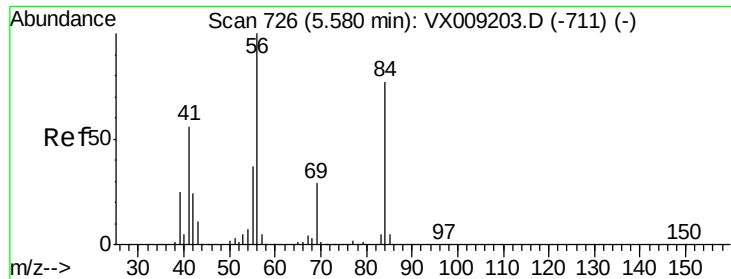
Tot Ion: 42 Resp: 148495
Ion Ratio Lower Upper
42 100
72 38.3 30.4 45.6
71 35.3 28.6 43.0



#30
Chloroform
Concen: 22.904 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 83 Resp: 76428
Ion Ratio Lower Upper
83 100
85 67.4 51.5 77.3

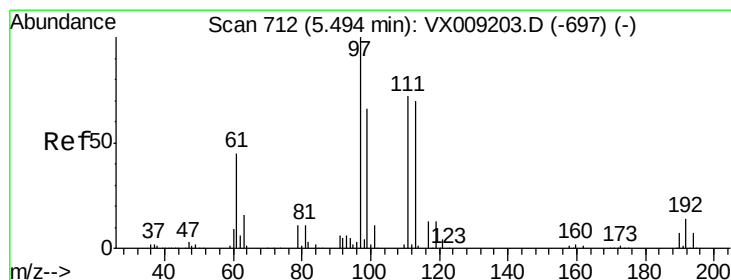
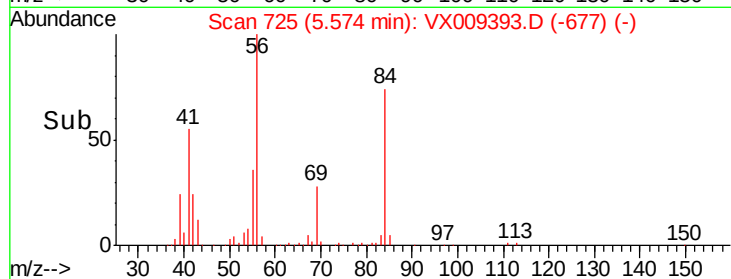
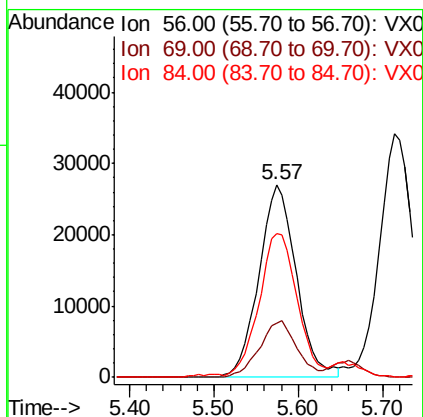
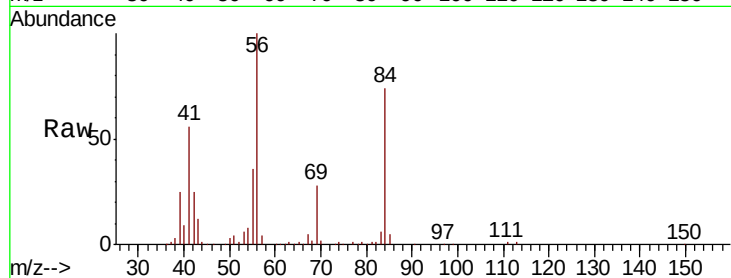




#31
Cyclohexane
Concen: 24.060 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

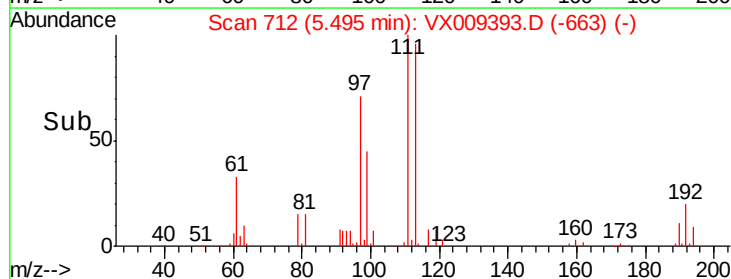
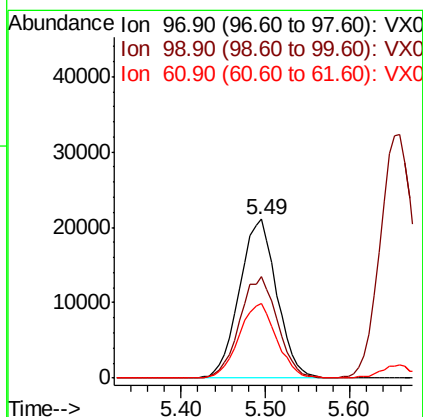
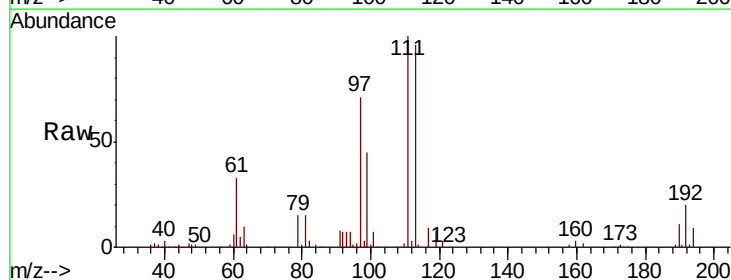
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

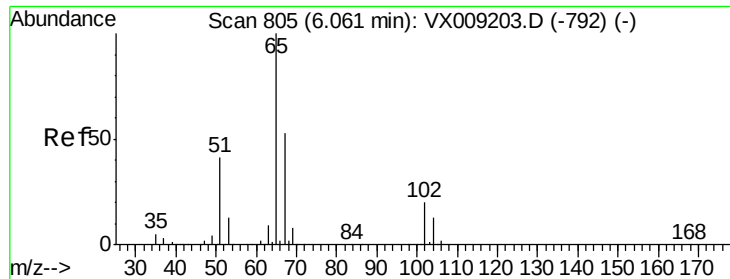
Tot Ion: 56 Resp: 82586
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.0
84 73.6 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 22.770 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 97 Resp: 63250
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 47.6 37.8 56.8

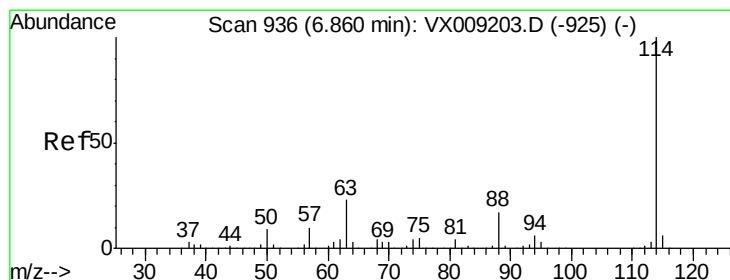
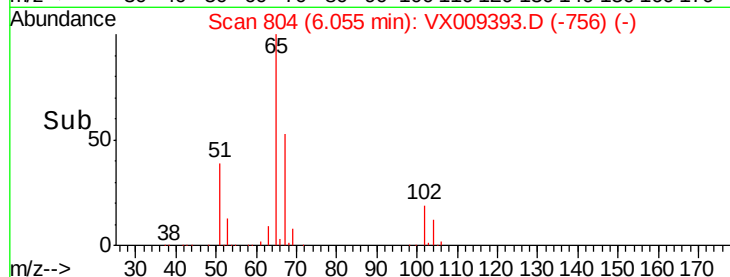
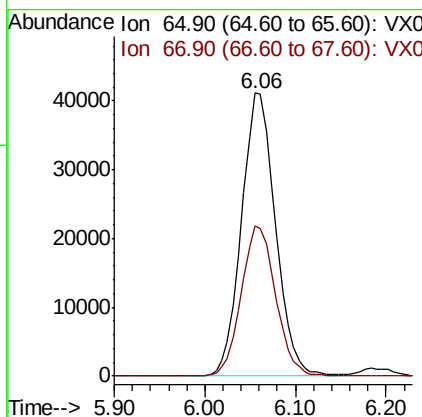
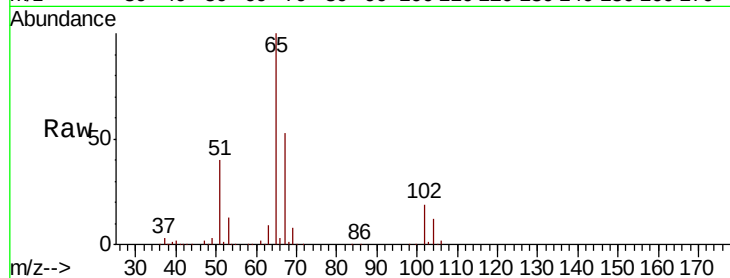




#33
 1,2-Dichloroethane-d4
 Concen: 46.101 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

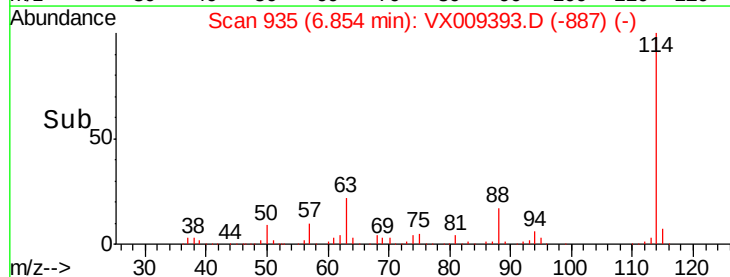
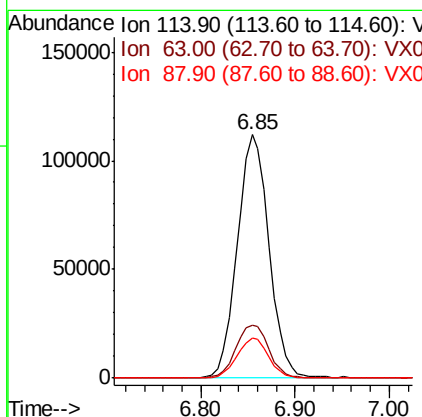
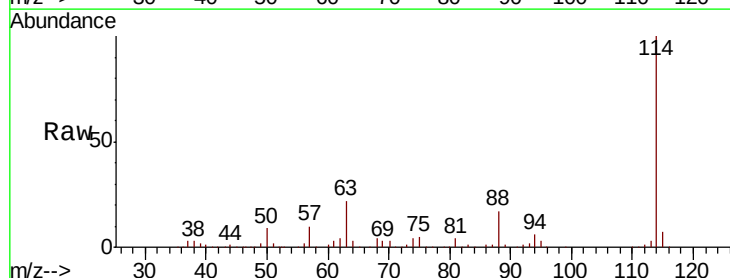
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

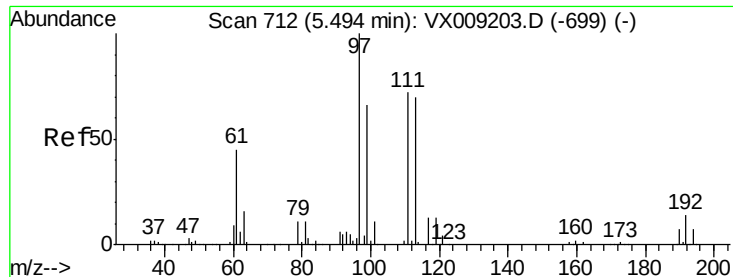
Tot Ion: 65 Resp: 107034
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion: 114 Resp: 263540
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.6
 88 16.7 0.0 33.2

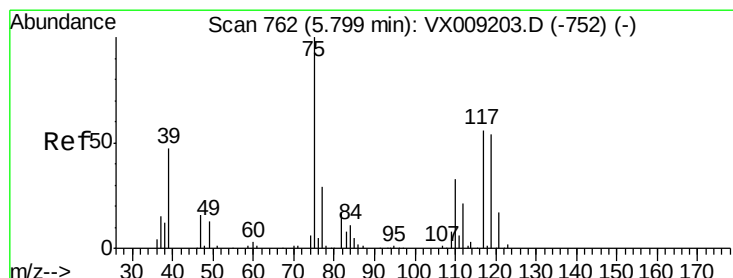
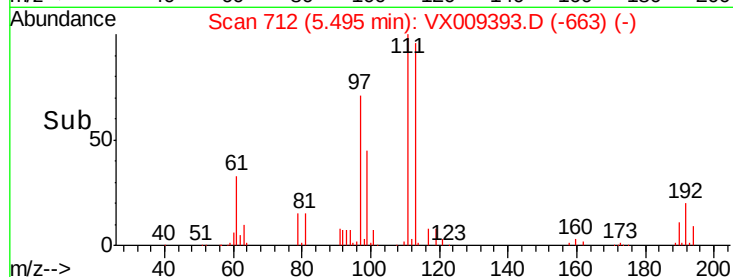
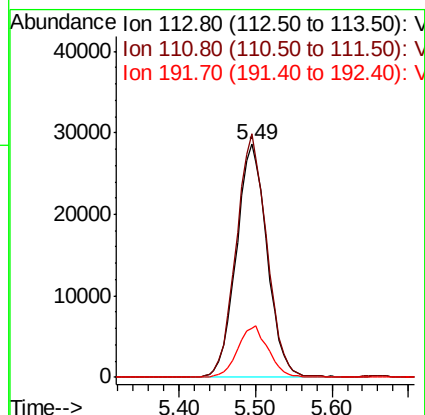
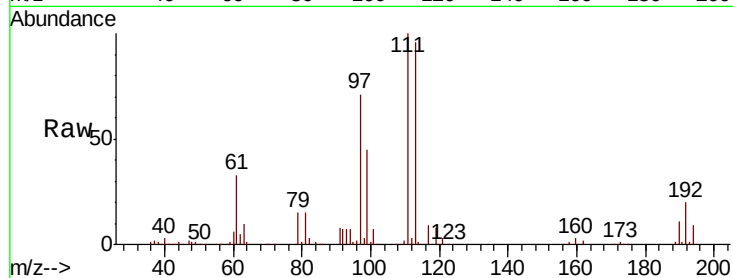




#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

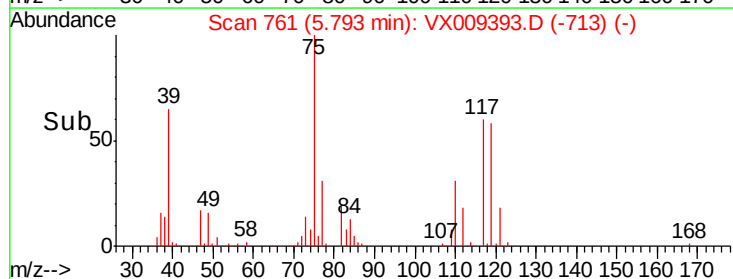
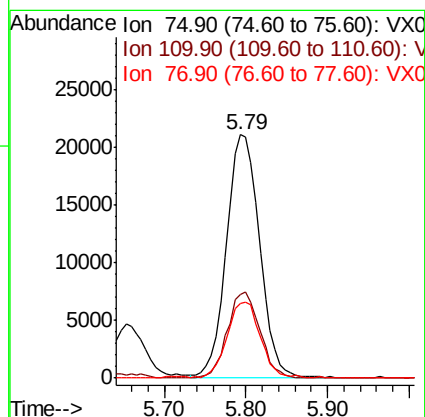
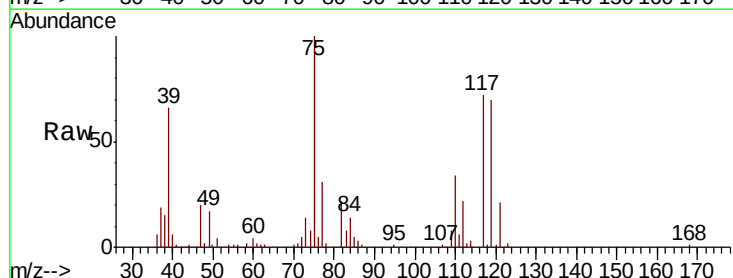
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

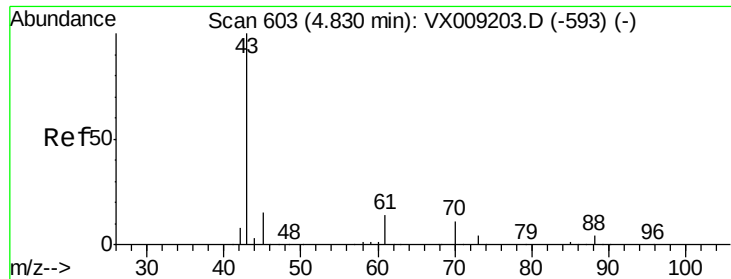
Tot Ion:113 Resp: 79625
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 24.013 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion: 75 Resp: 58810
 Ion Ratio Lower Upper
 75 100
 110 34.9 16.9 50.6
 77 32.1 24.8 37.2

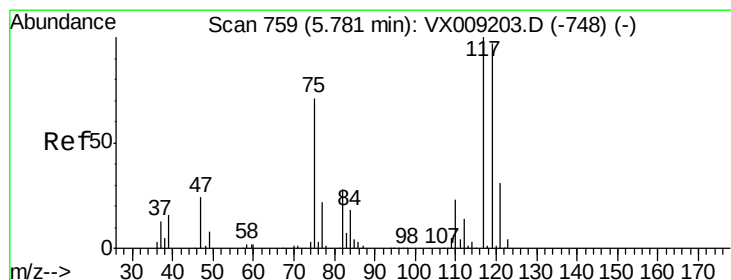
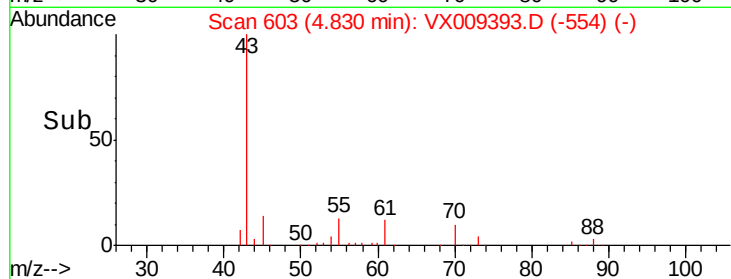
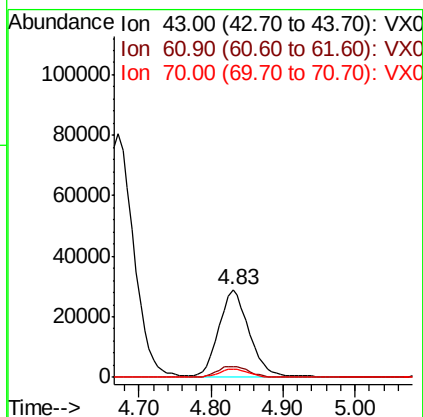
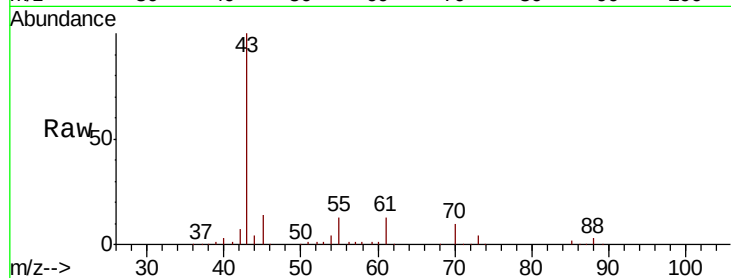




#37
Ethyl Acetate
Concen: 24.625 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

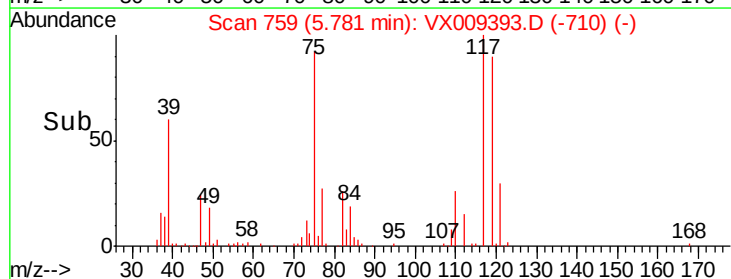
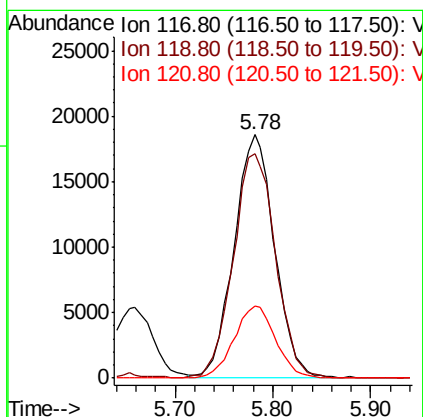
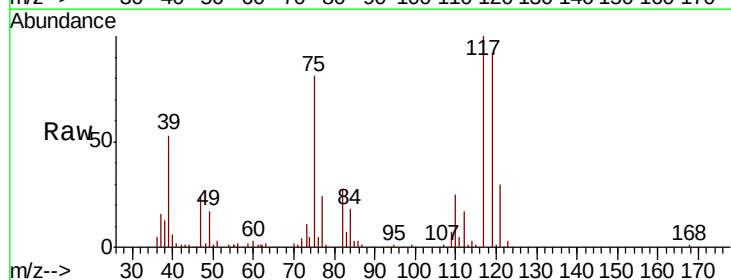
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

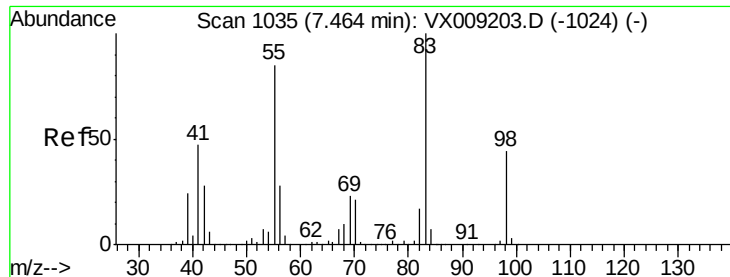
Tot Ion: 43 Resp: 84029
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 23.967 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 117 Resp: 53330
Ion Ratio Lower Upper
117 100
119 91.8 77.5 116.3
121 29.8 24.7 37.1

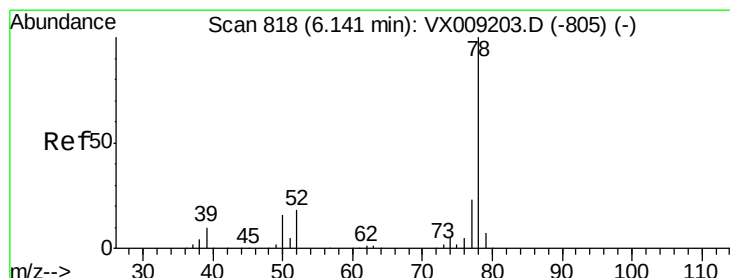
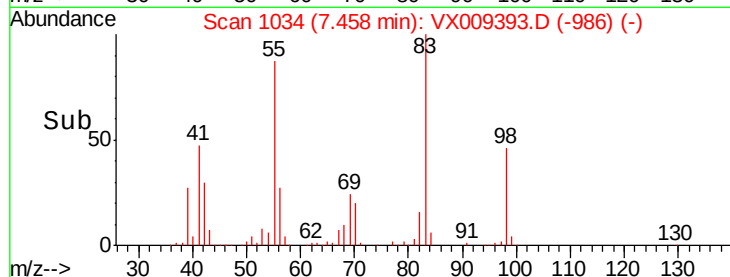
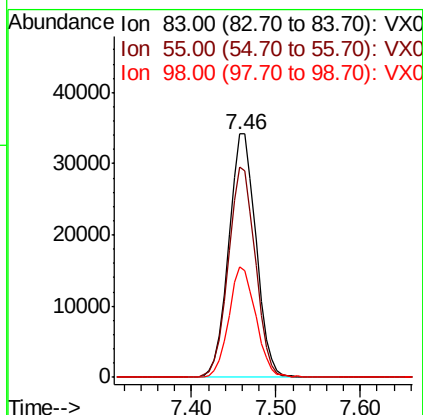
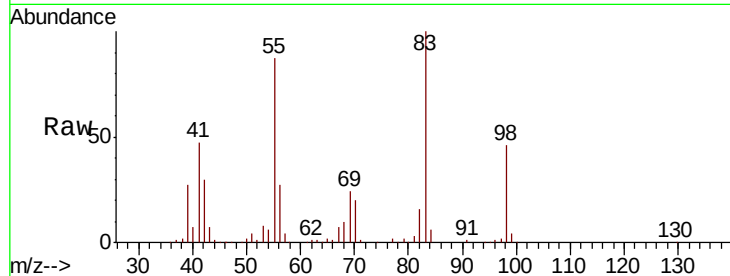




#39
Methylvlcyclohexane
Concen: 25.027 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

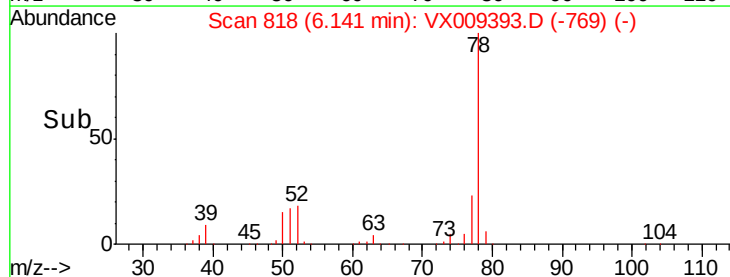
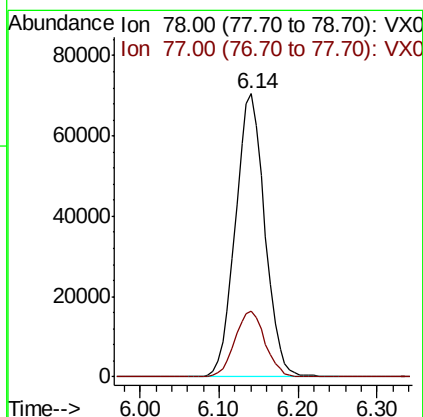
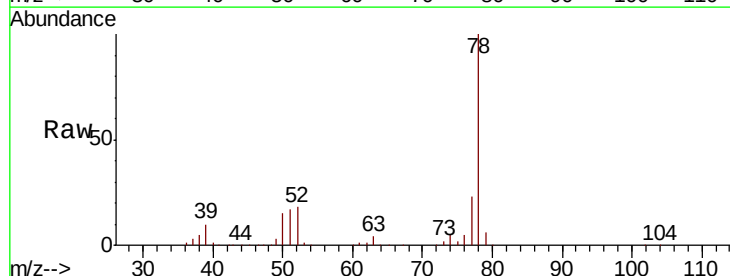
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

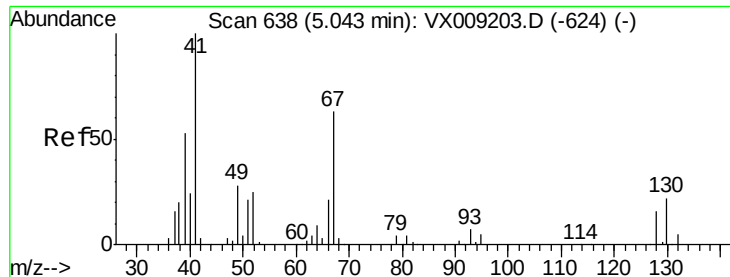
Tot Ion: 83 Resp: 75274
Ion Ratio Lower Upper
83 100
55 86.5 67.7 101.5
98 45.6 35.5 53.3



#40
Benzene
Concen: 24.132 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 78 Resp: 182912
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

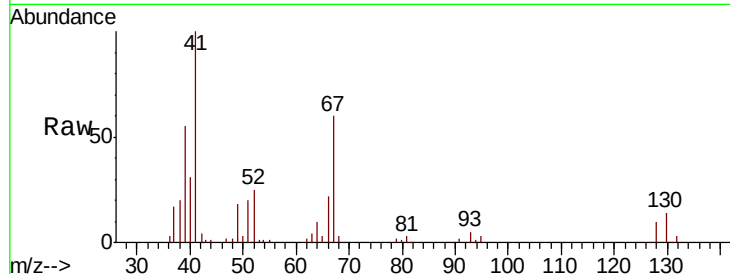




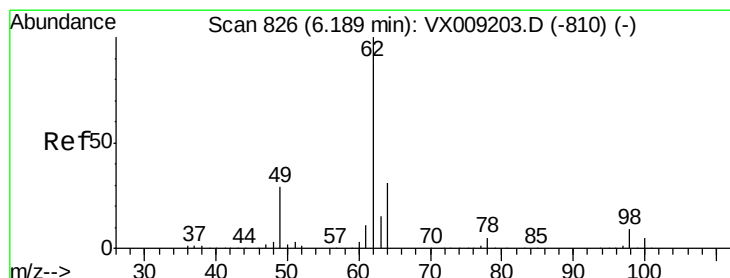
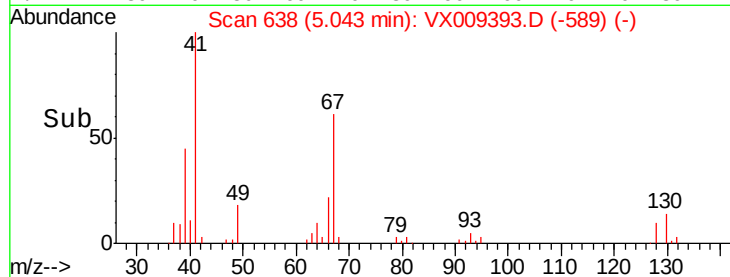
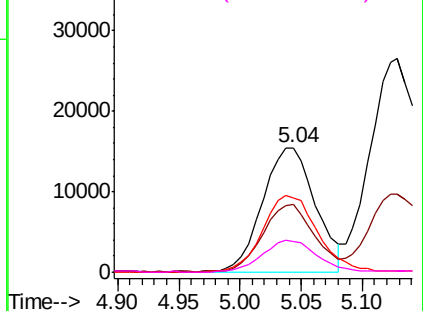
#41
Methacrylonitrile
Concen: 23.040 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

Tot Ion:	41	Resp:	46801
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.0	63.0
67	64.4	49.8	74.8
52	27.0	20.3	30.5

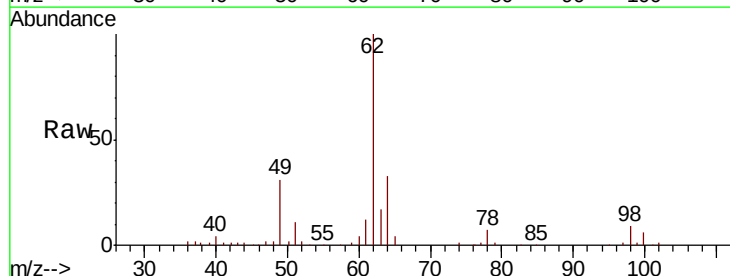


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

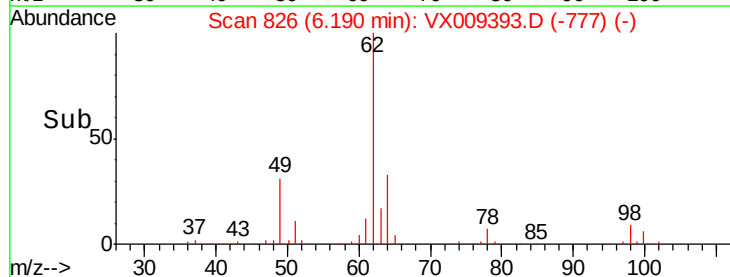
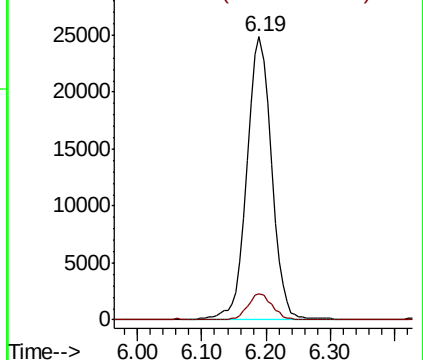


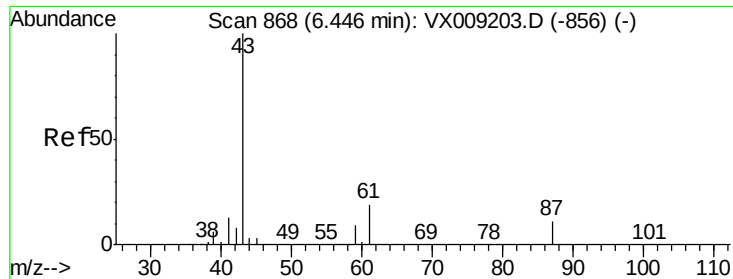
#42
1,2-Dichloroethane
Concen: 24.065 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:	62	Resp:	65432
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 24.036 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

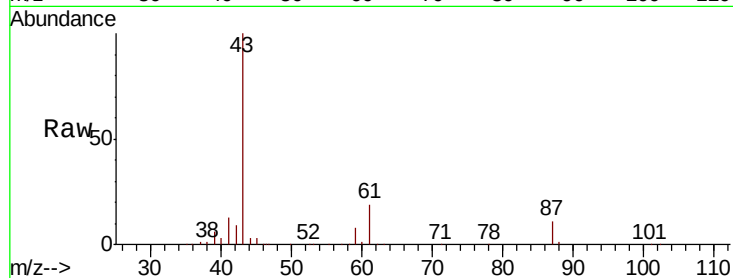
Tot Ion: 43 Resp: 131194

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

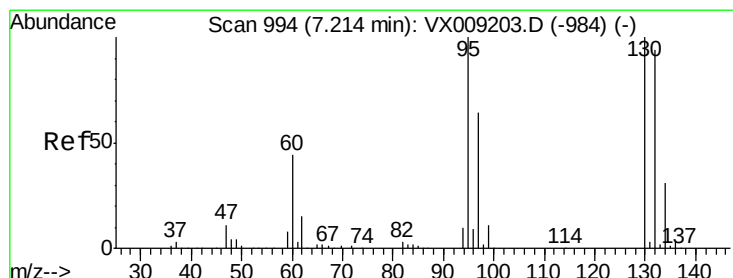
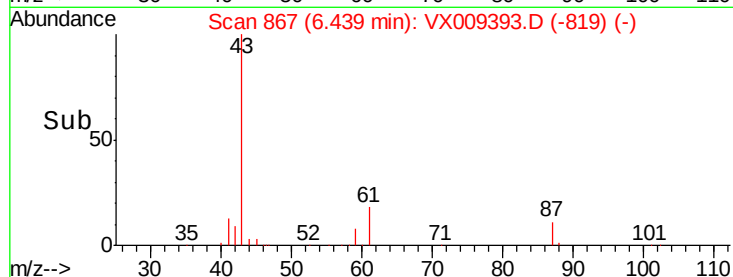
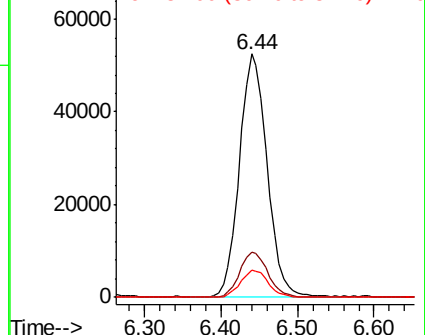
87 11.2 9.0 13.6



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: 23.837 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009393.D

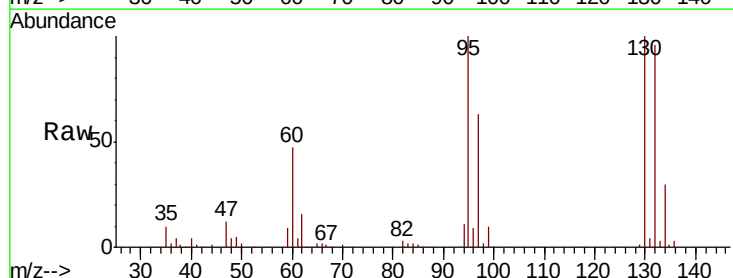
Acq: 08 May 2019 13:13

Tgt Ion:130 Resp: 43679

Ion Ratio Lower Upper

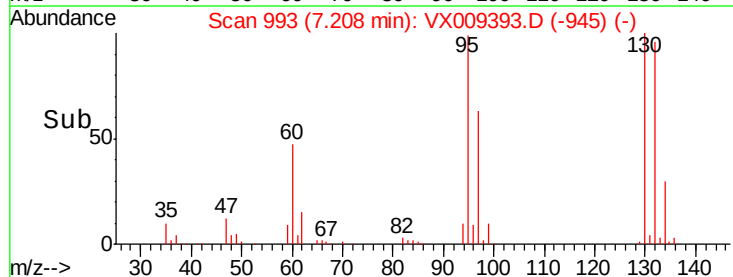
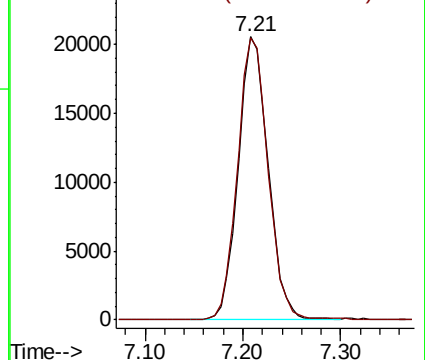
130 100

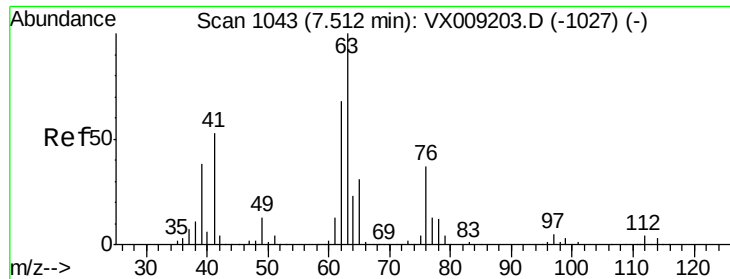
95 99.7 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 23.910 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

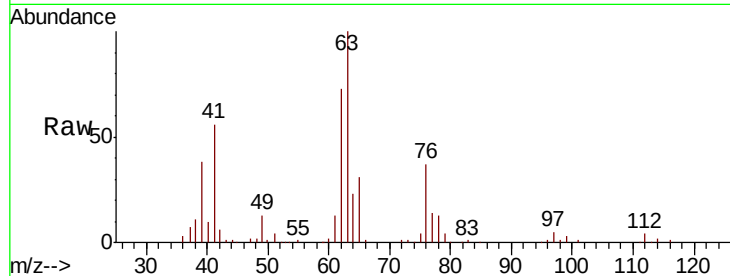
VX0508WBS01

Tot Ion: 63 Resp: 51316

Ion Ratio Lower Upper

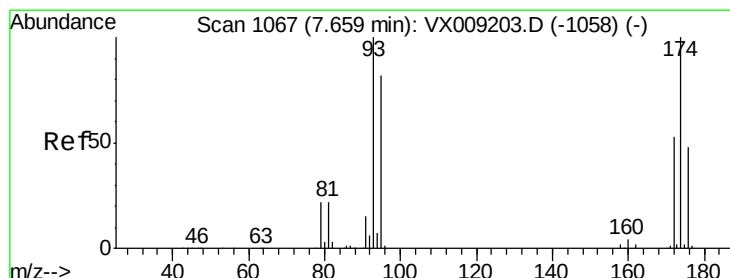
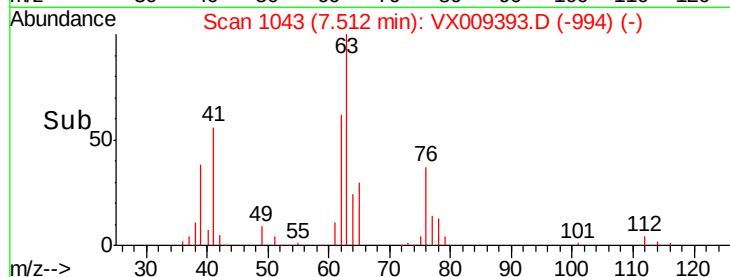
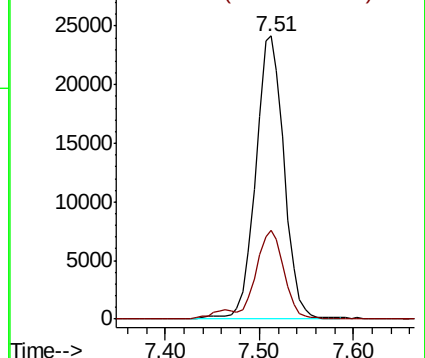
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 23.414 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

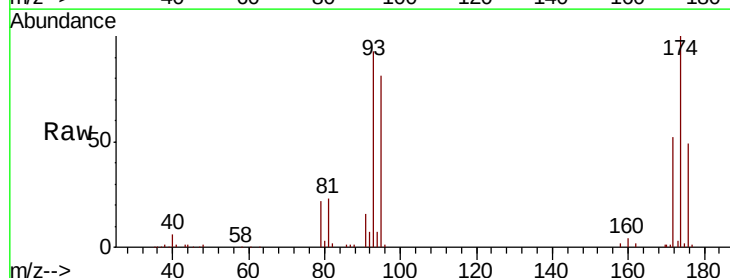
Tgt Ion: 93 Resp: 29181

Ion Ratio Lower Upper

93 100

95 82.8 66.5 99.7

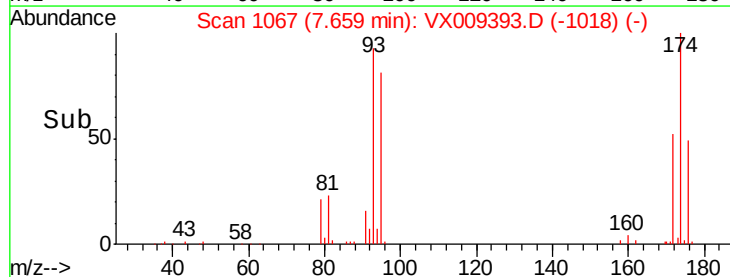
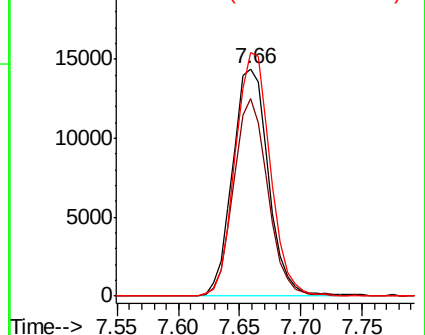
174 105.0 82.1 123.1

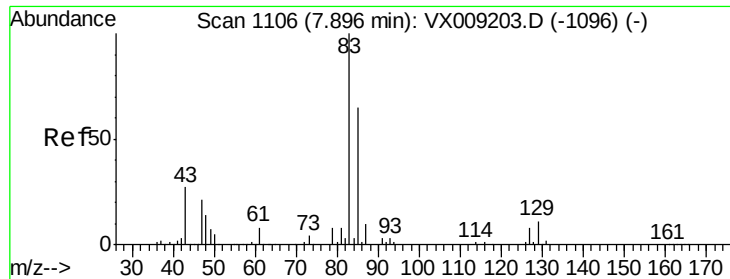


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 23.381 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

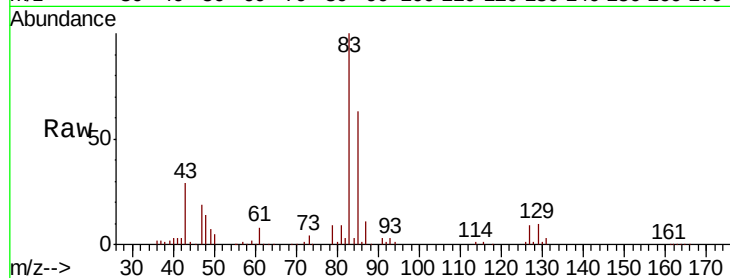
Tot Ion: 83 Resp: 58127

Ion Ratio Lower Upper

83 100

85 62.7 52.4 78.6

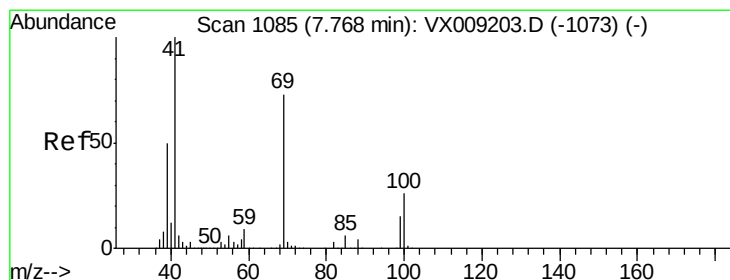
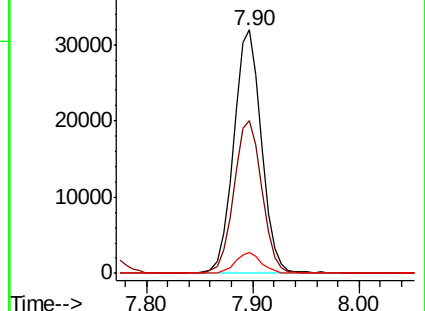
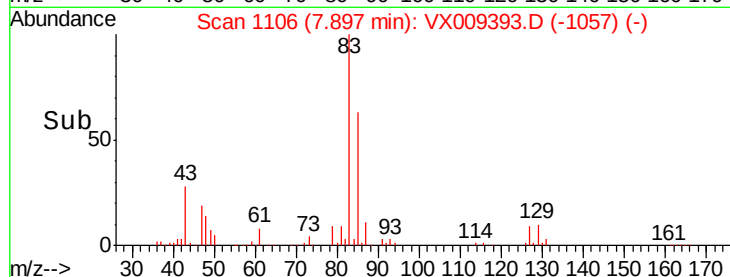
127 8.7 6.6 10.0



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: 24.288 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

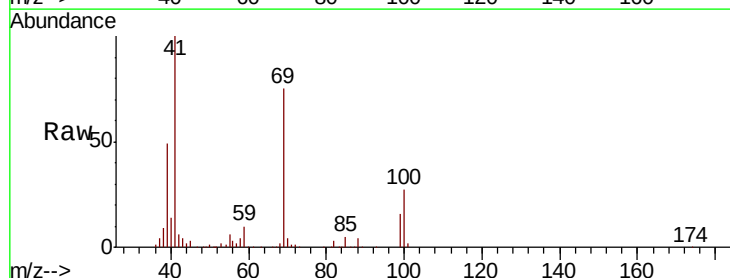
Tgt Ion: 41 Resp: 65770

Ion Ratio Lower Upper

41 100

69 73.0 59.1 88.7

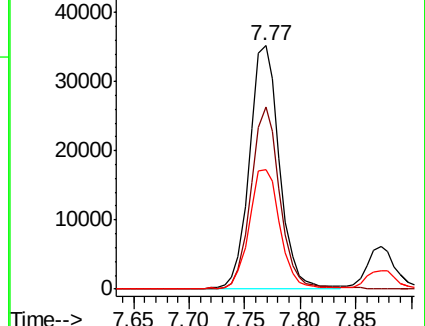
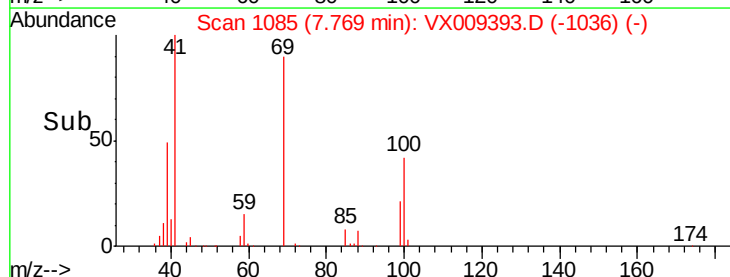
39 51.3 40.4 60.6

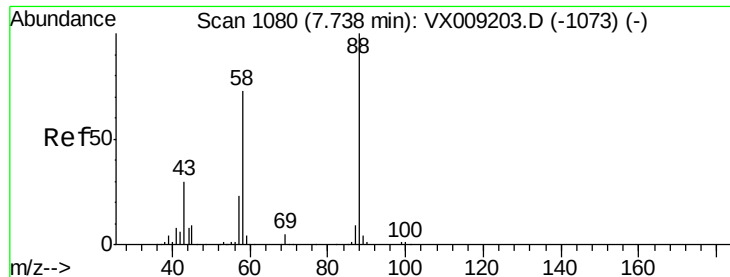


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

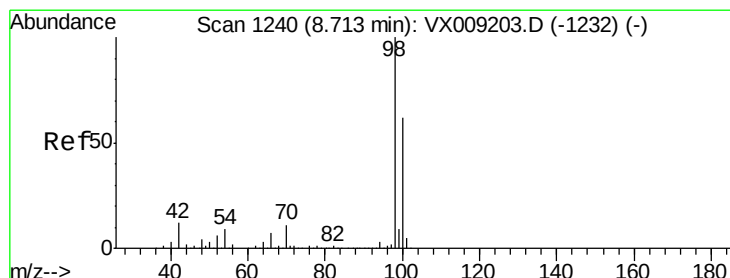
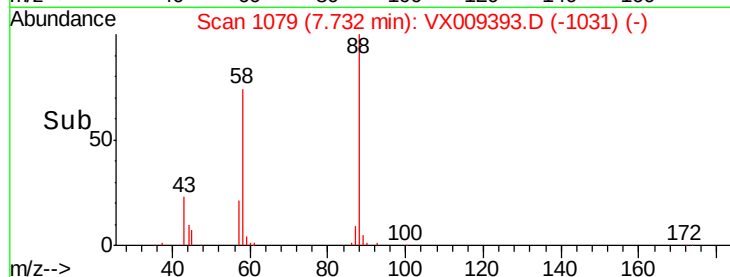
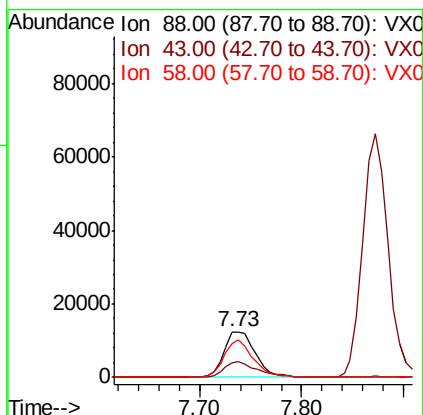
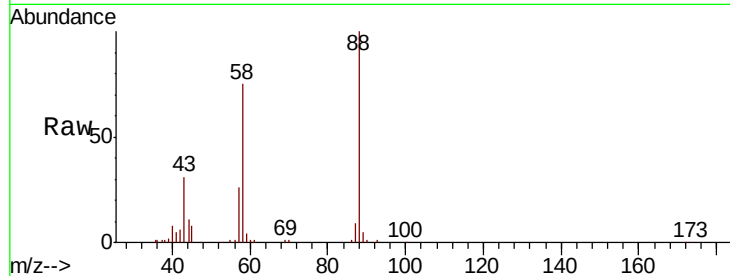




#49
1,4-Dioxane
Concen: 481.436 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

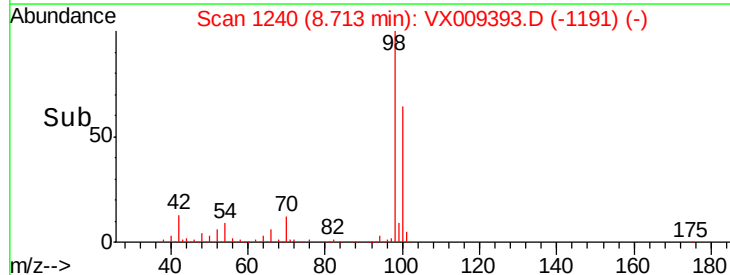
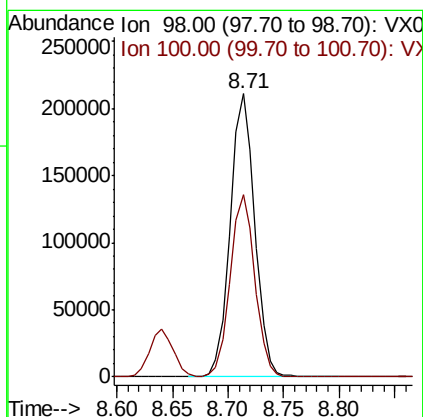
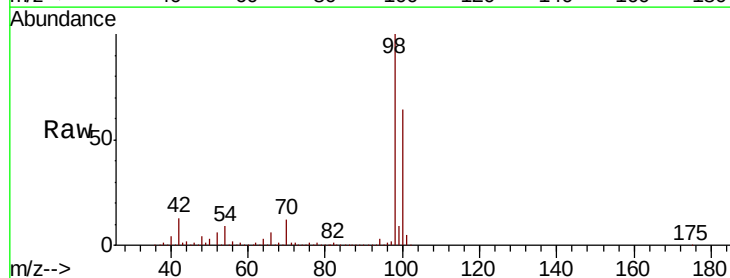
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

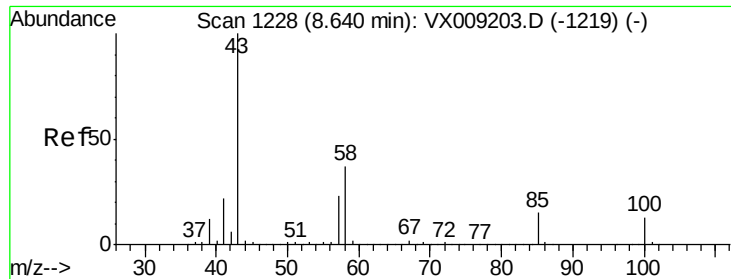
Tot Ion: 88 Resp: 26439
Ion Ratio Lower Upper
88 100
43 36.6 28.6 42.8
58 78.0 61.7 92.5



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 98 Resp: 322167
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 121.115 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

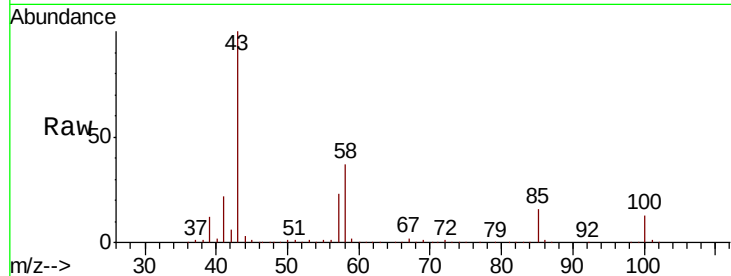
VX0508WBS01

Tot Ion: 43 Resp: 432091

Ion Ratio Lower Upper

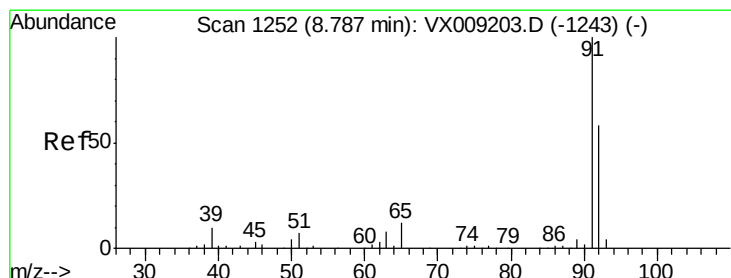
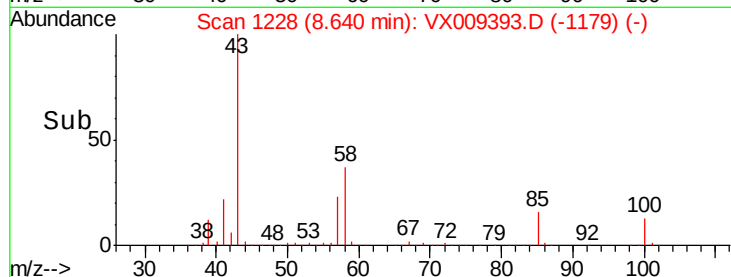
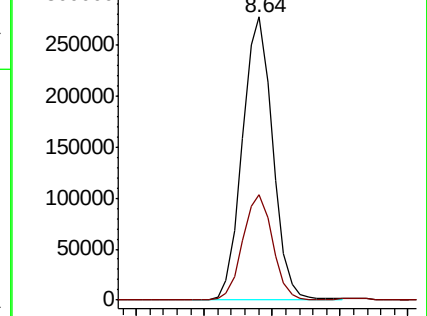
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 24.149 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009393.D

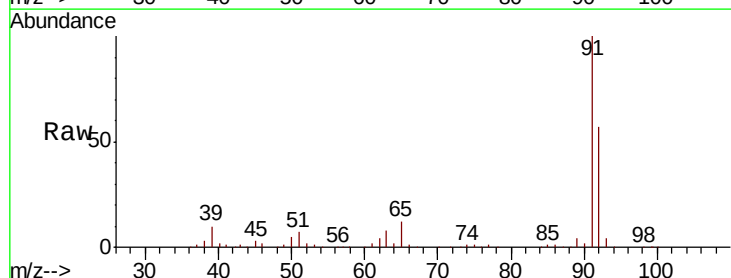
Acq: 08 May 2019 13:13

Tgt Ion: 92 Resp: 111266

Ion Ratio Lower Upper

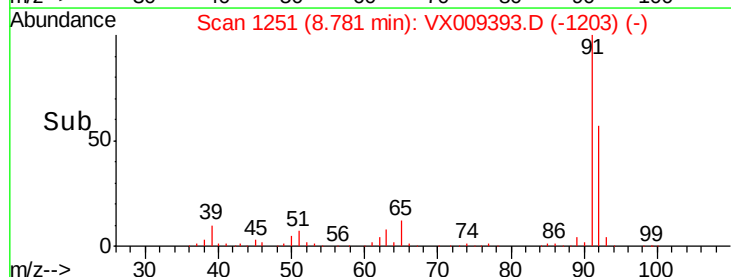
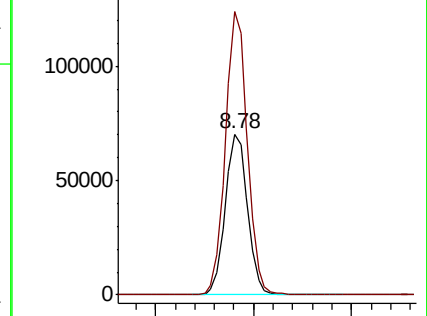
92 100

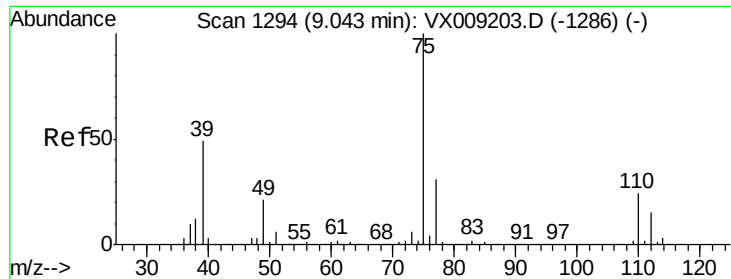
91 173.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

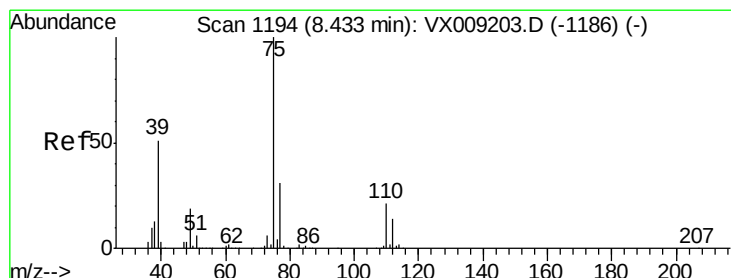
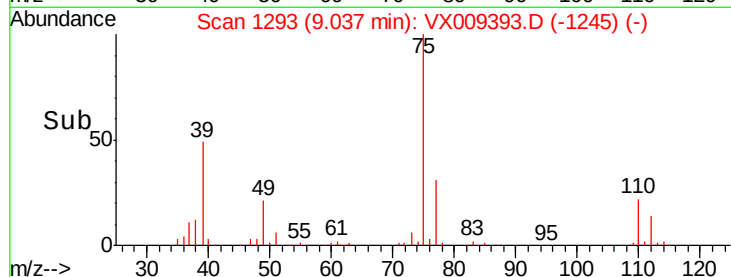
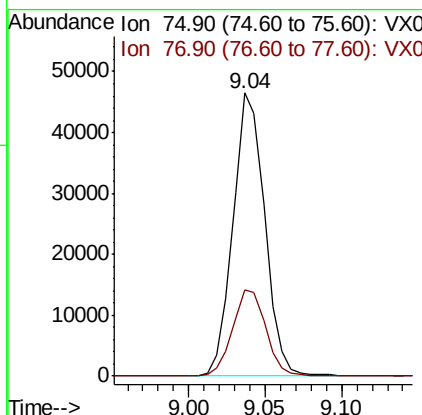
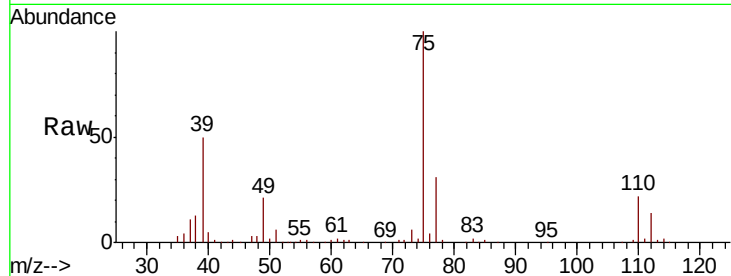




#53
t-1,3-Dichloropropene
Concen: 23.839 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

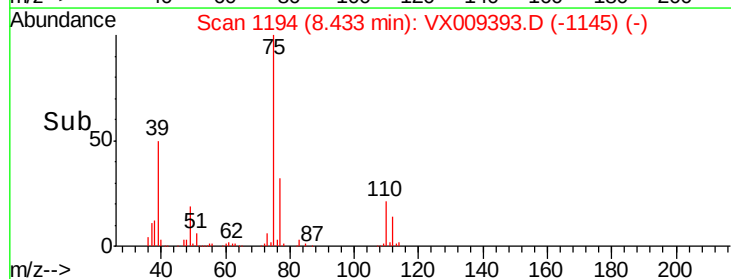
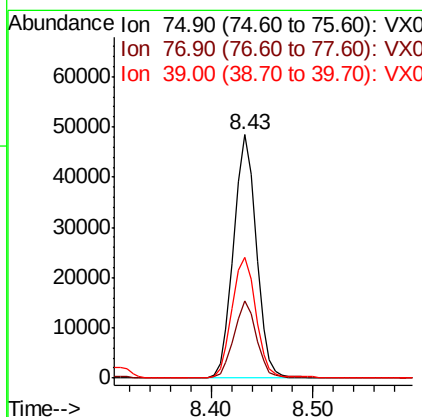
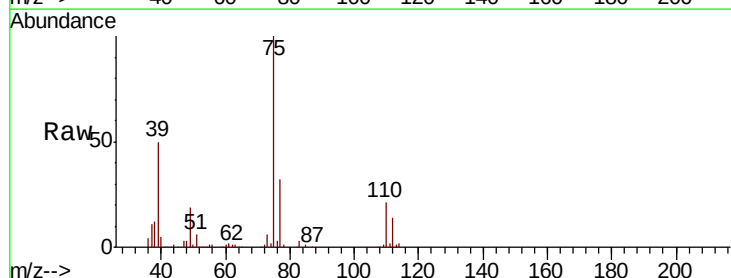
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

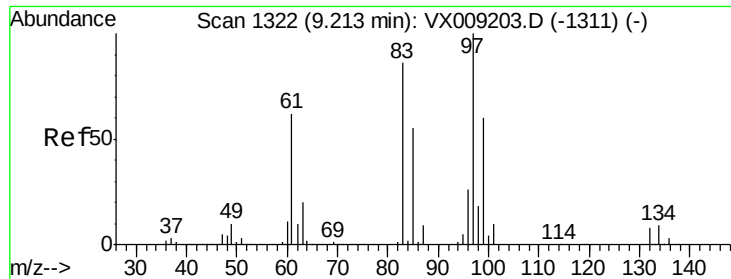
Tot Ion: 75 Resp: 66912
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 24.126 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 75 Resp: 74953
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 49.5 40.6 60.8

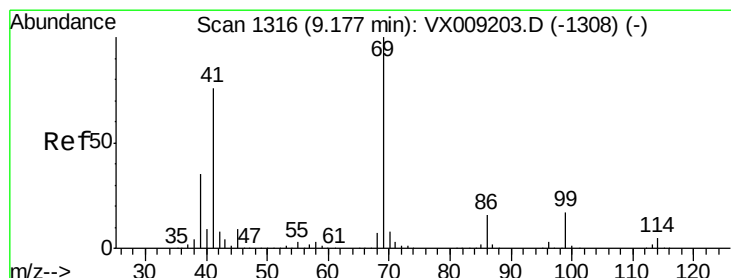
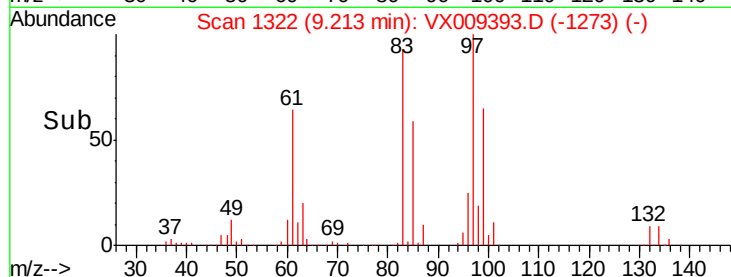
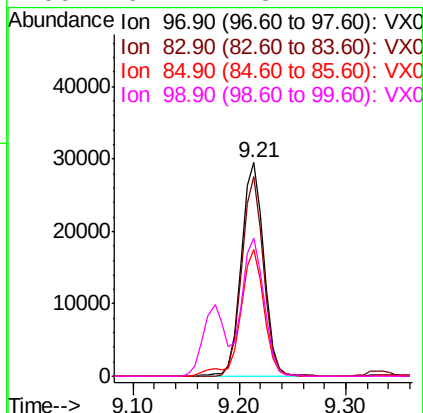
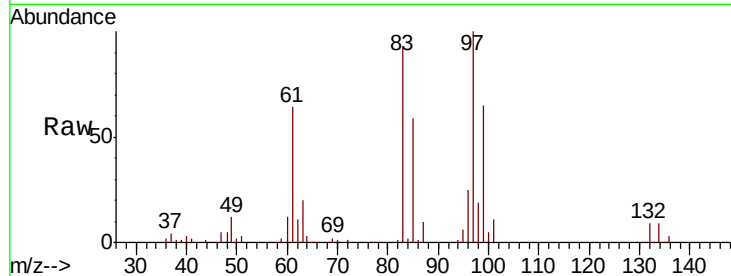




#55
 1,1,2-Trichloroethane
 Concen: 23.365 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

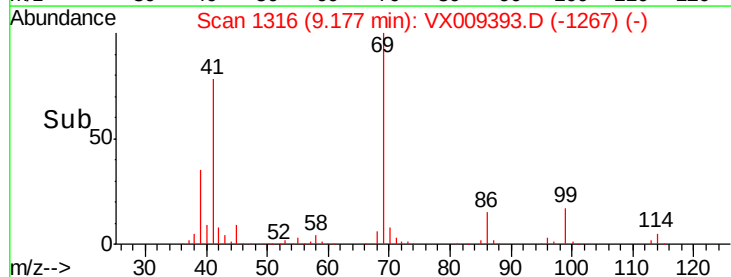
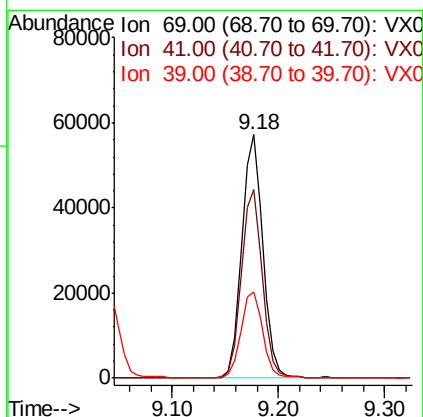
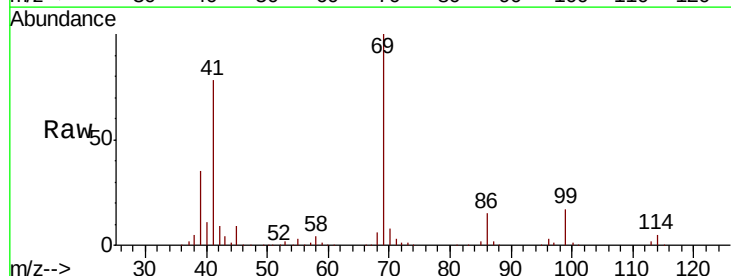
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

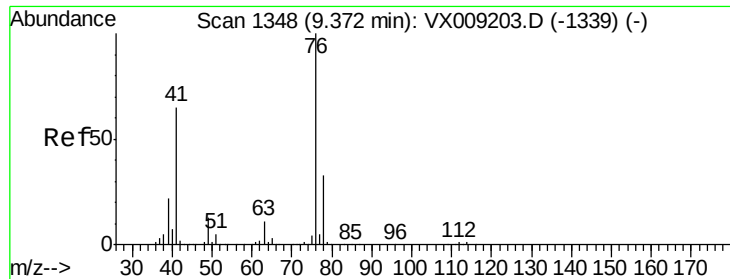
Tot Ion:	97	Resp:	43920
Ion	Ratio	Lower	Upper
97	100		
83	93.4	68.9	103.3
85	59.1	43.8	65.6
99	64.7	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 23.772 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion:	69	Resp:	79764
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	36.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 23.955 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

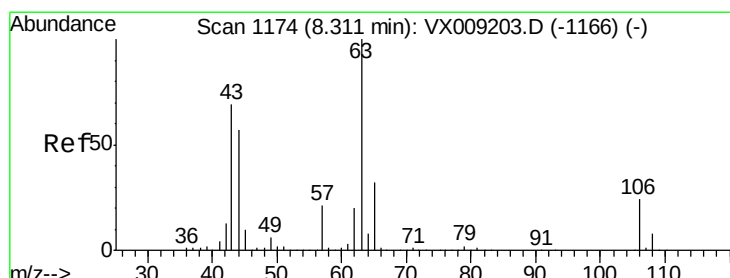
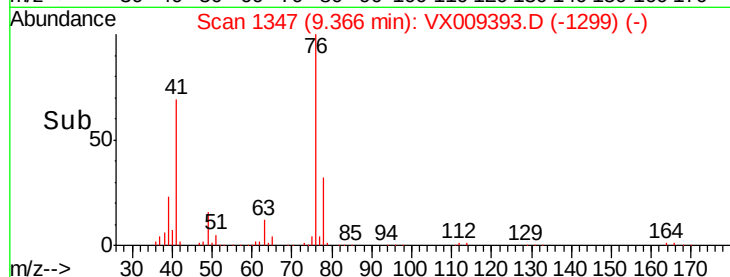
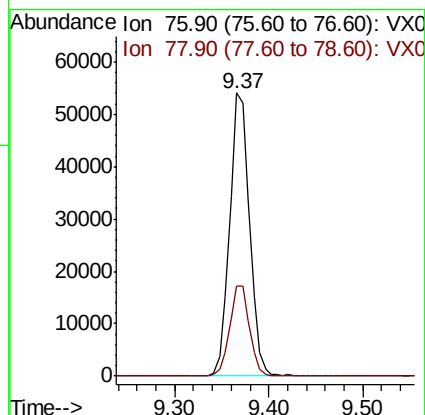
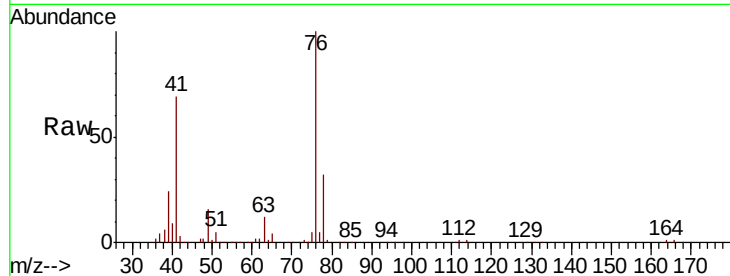
VX0508WBS01

Tot Ion: 76 Resp: 79240

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.961 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009393.D

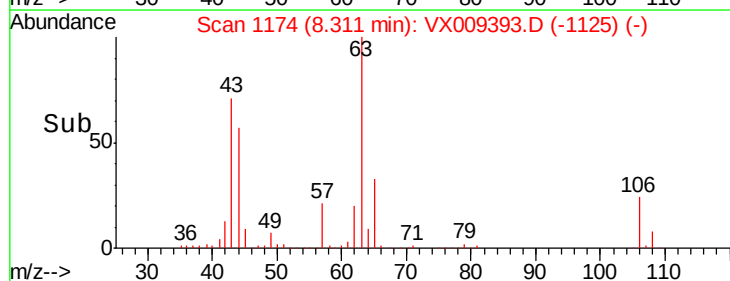
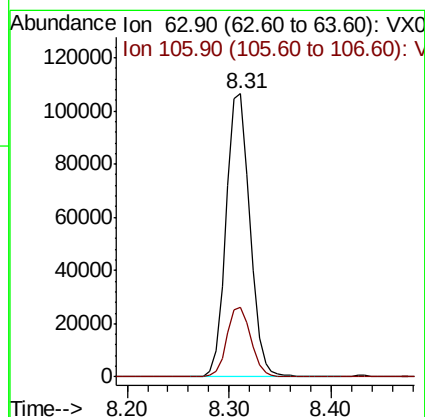
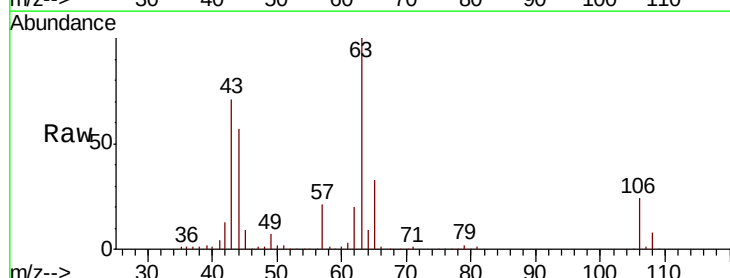
Acq: 08 May 2019 13:13

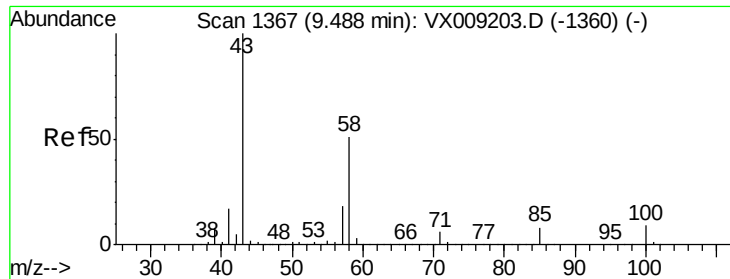
Tgt Ion: 63 Resp: 172591

Ion Ratio Lower Upper

63 100

106 24.6 19.7 29.5

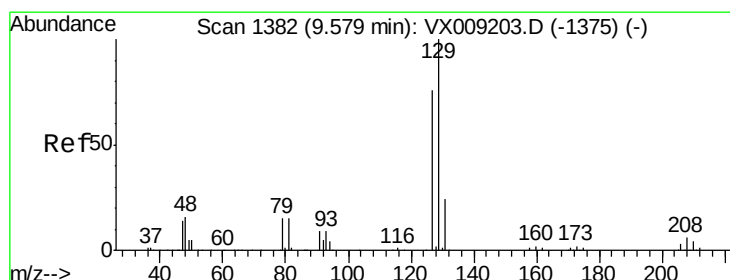
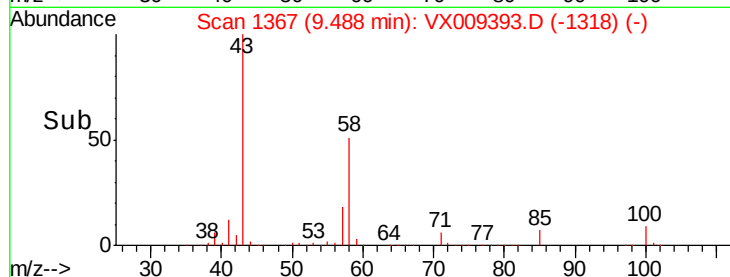
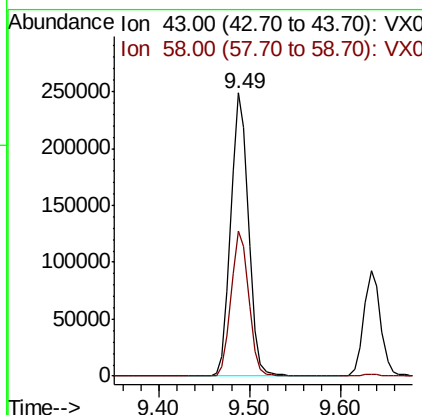
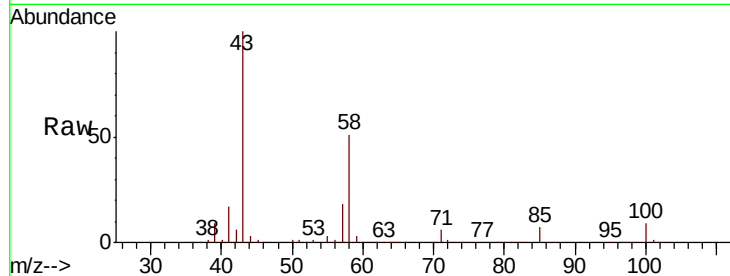




#59
2-Hexanone
Concen: 120.105 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

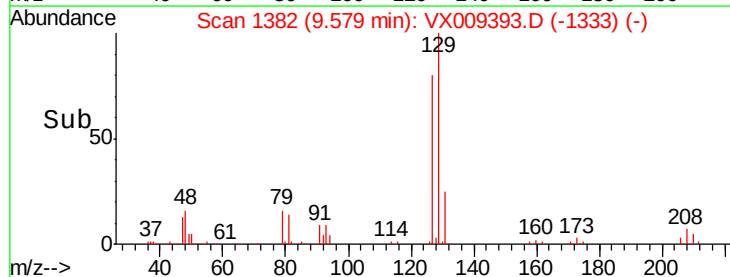
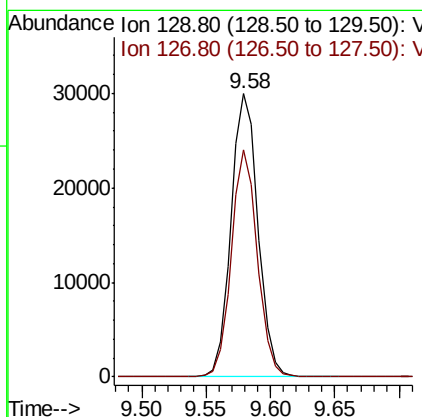
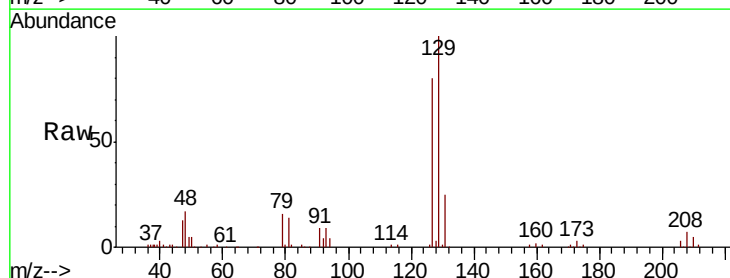
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

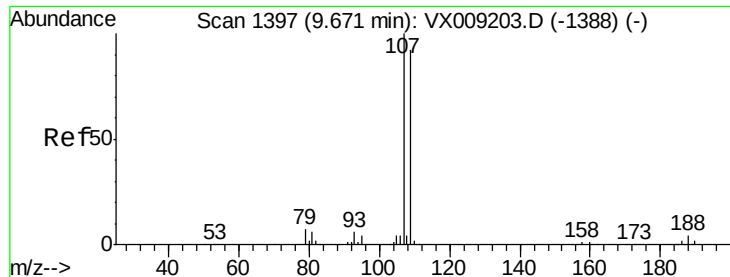
Tot Ion: 43 Resp: 336528
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 23.847 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 129 Resp: 43781
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 24.019 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

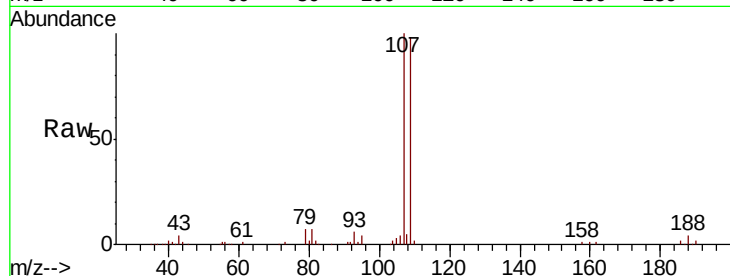
VX0508WBS01

Tot Ion:107 Resp: 45574

Ion Ratio Lower Upper

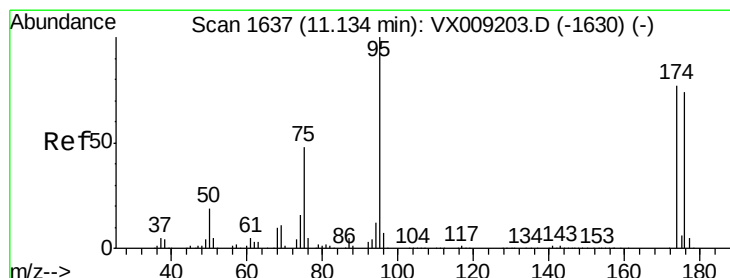
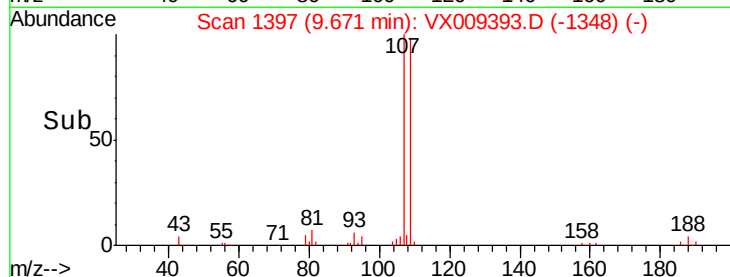
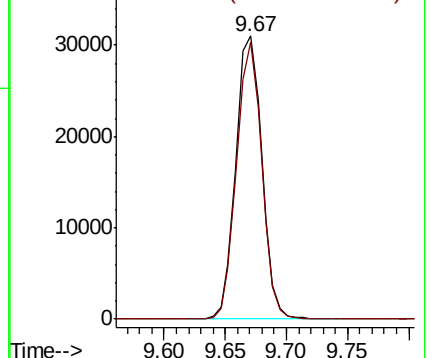
107 100

109 95.0 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: 48.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

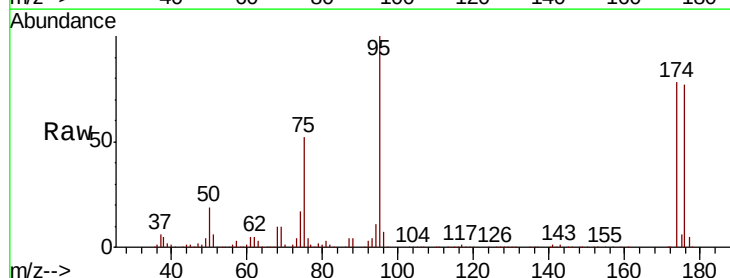
Tgt Ion: 95 Resp: 116751

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

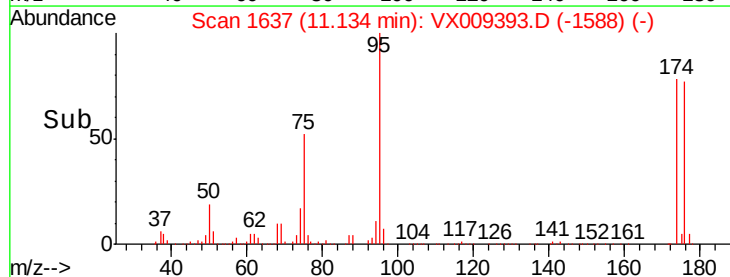
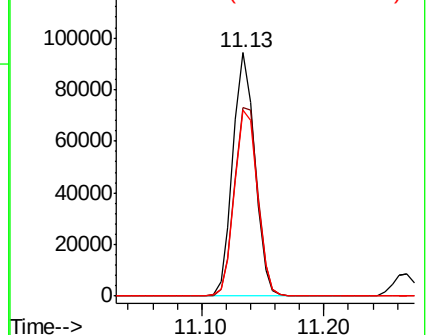
176 79.7 0.0 159.2

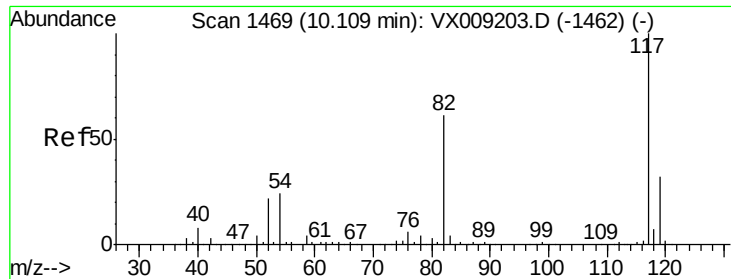


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

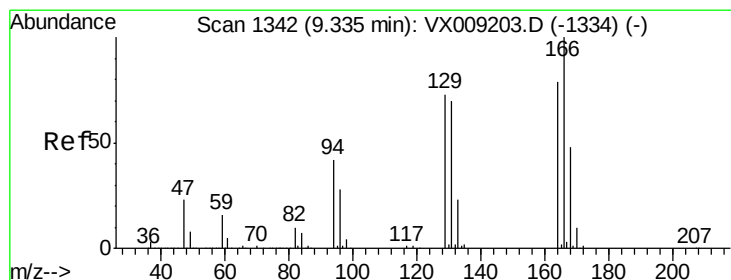
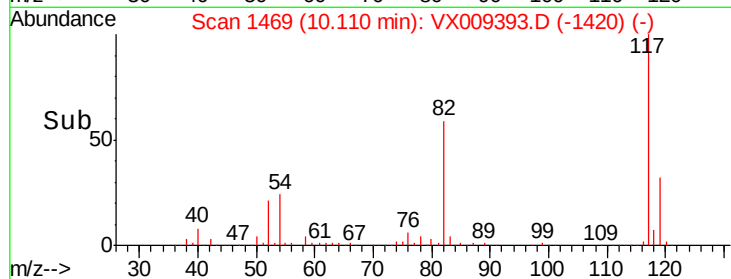
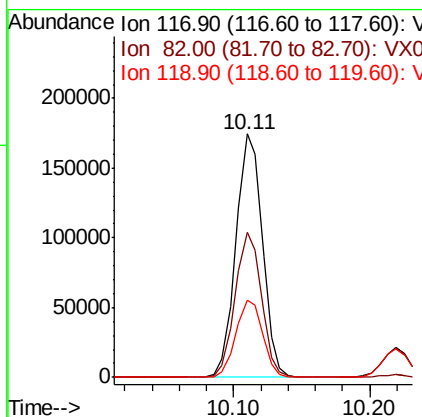
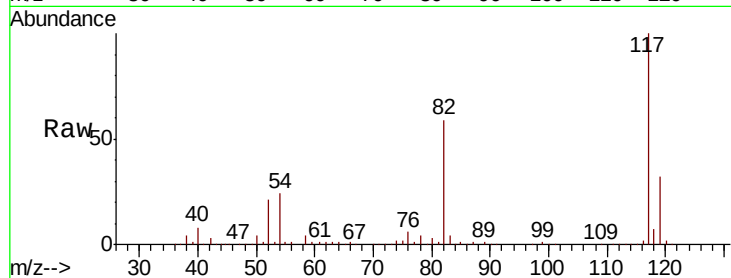




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

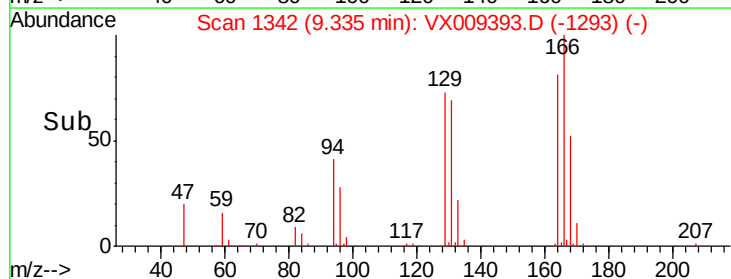
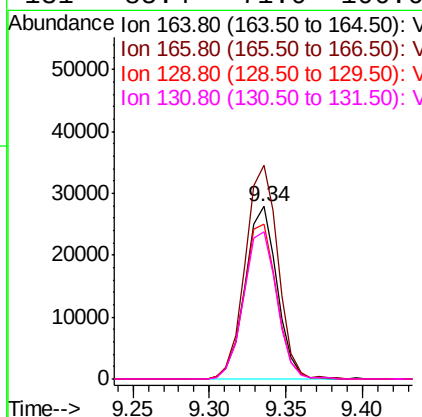
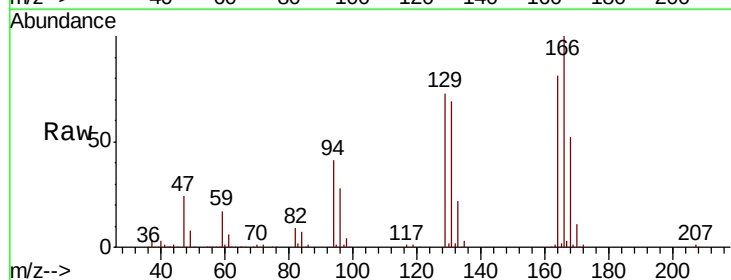
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

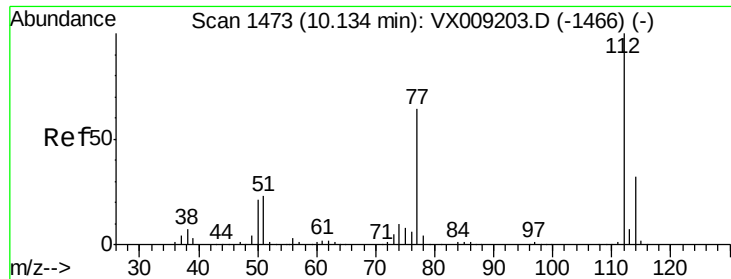
Tot Ion:117 Resp: 237240
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 24.928 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:164 Resp: 40567
Ion Ratio Lower Upper
164 100
166 123.7 101.2 151.8
129 89.8 74.3 111.5
131 85.4 71.0 106.6

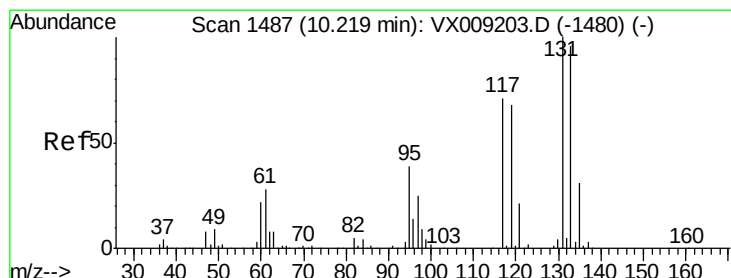
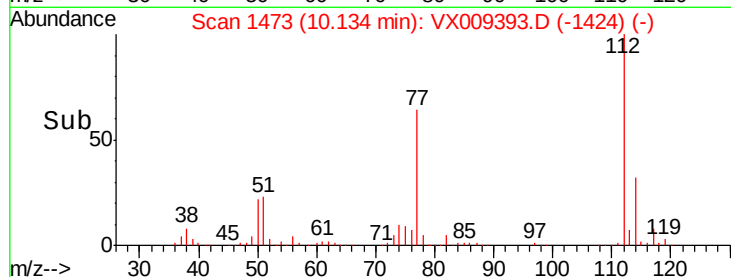
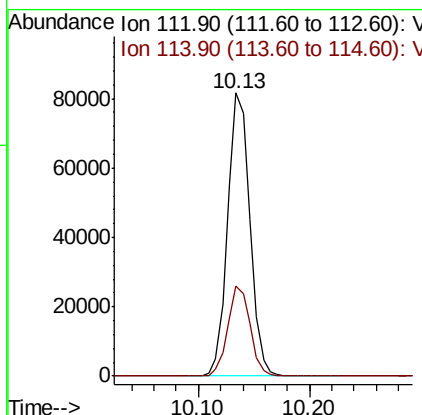
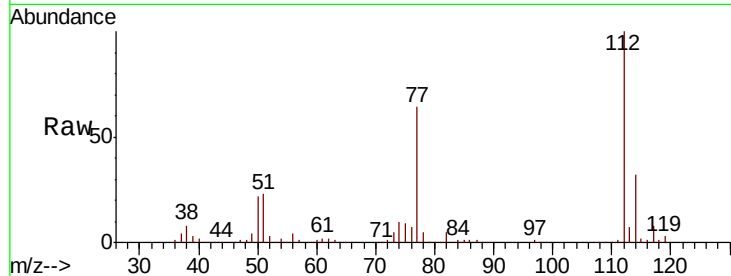




#65
Chlorobenzene
Concen: 23.841 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

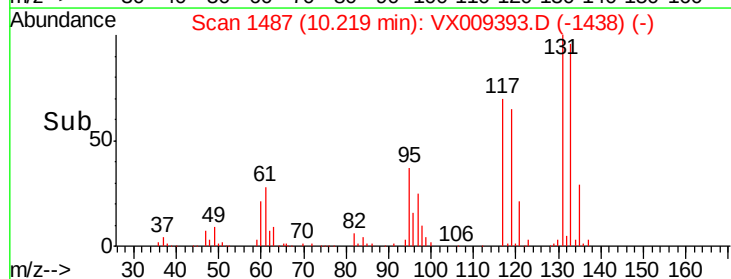
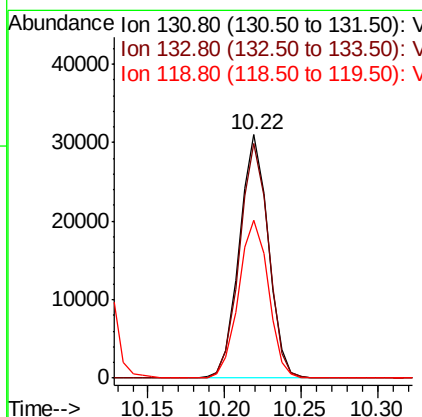
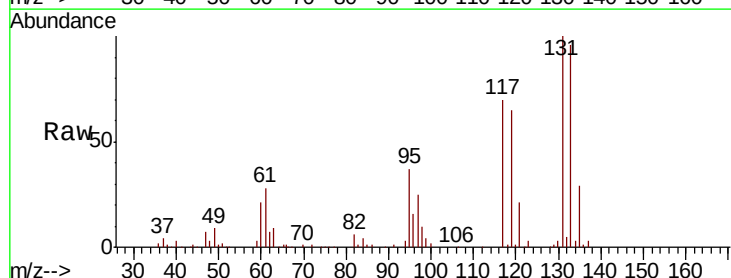
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

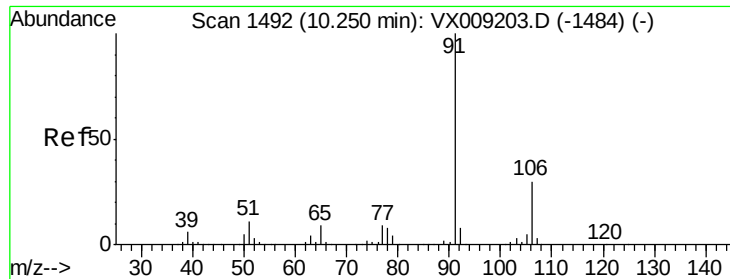
Tot Ion:112 Resp: 113145
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.690 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:131 Resp: 40761
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 67.2 33.5 100.4

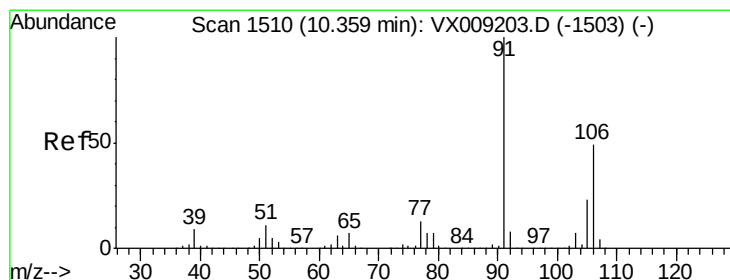
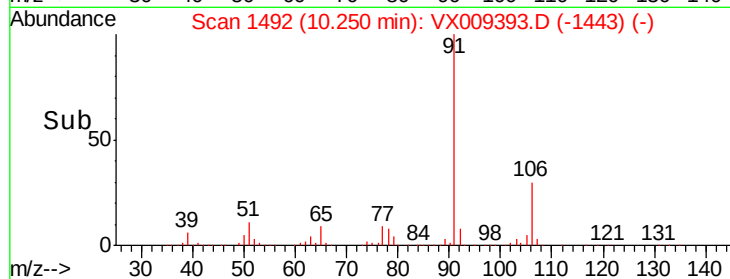
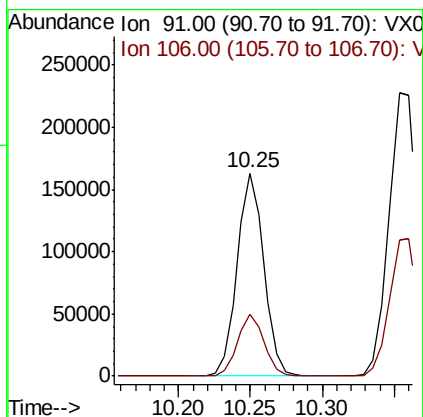
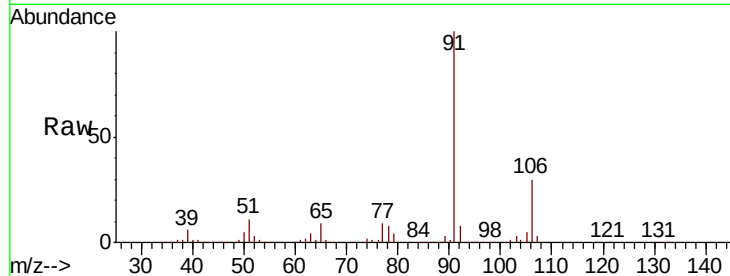




#67
Ethyl Benzene
Concen: 24.157 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

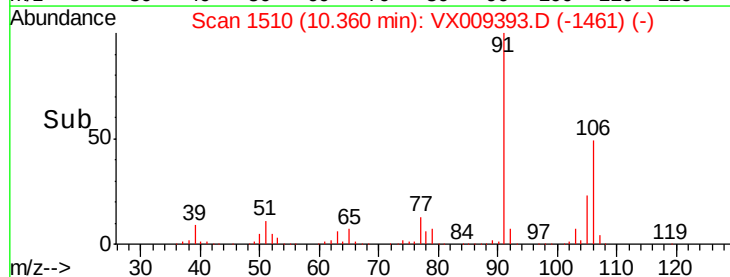
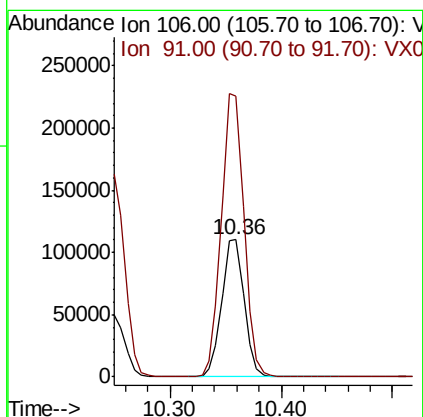
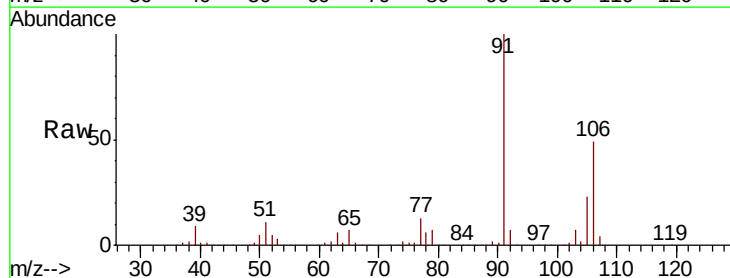
Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

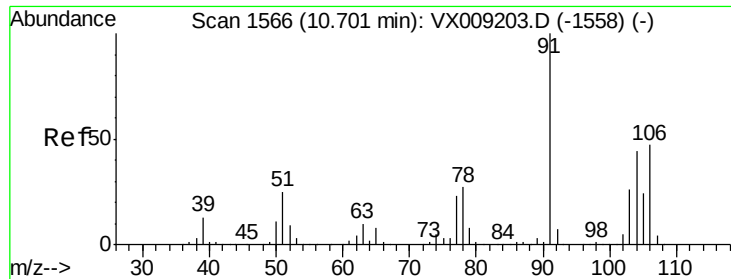
Tot Ion: 91 Resp: 210989
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#68
m/p-Xylenes
Concen: 48.562 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 106 Resp: 154999
Ion Ratio Lower Upper
106 100
91 207.5 164.0 246.0

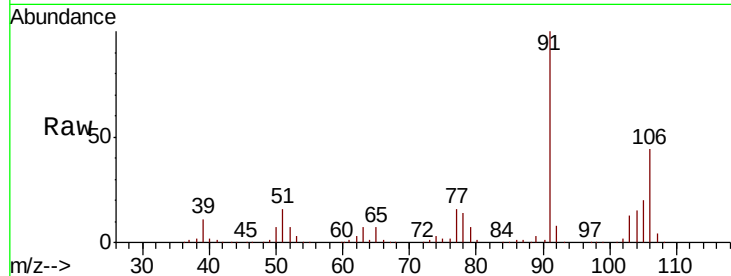




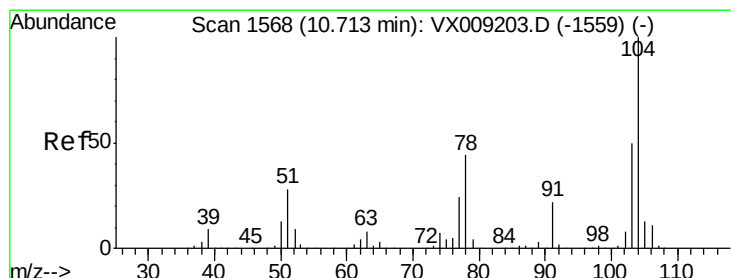
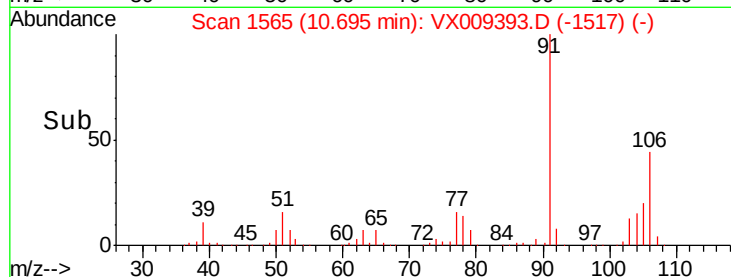
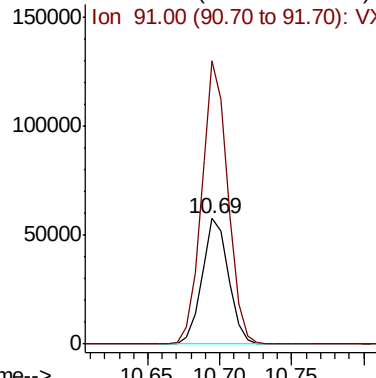
#69
o-Xylene
Concen: 23.535 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Instrument :
MSVOA_X
ClientSampled :
VX0508WBS01

Tot Ion:106 Resp: 74115
Ion Ratio Lower Upper
106 100
91 222.4 109.5 328.4

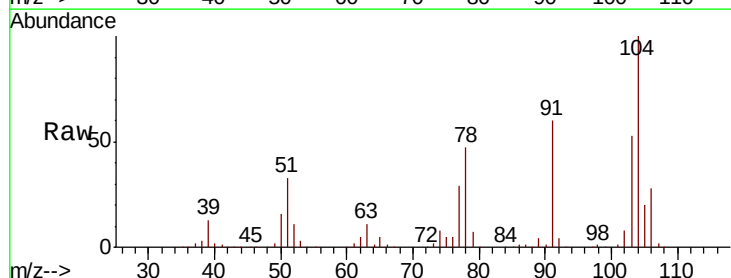


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

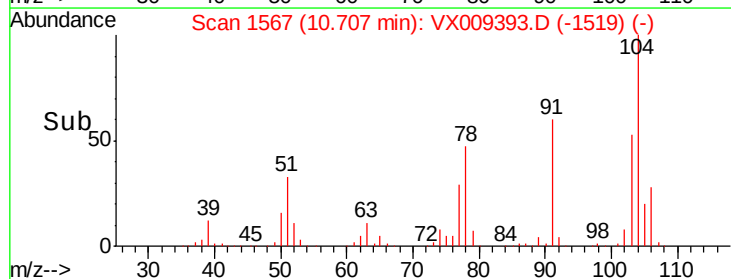
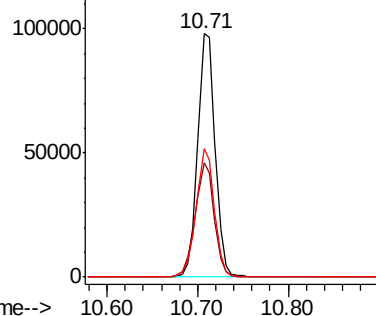


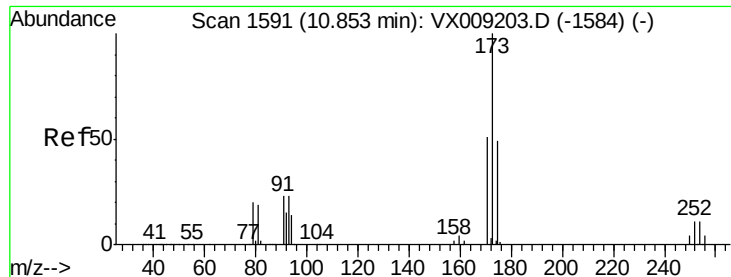
#70
Styrene
Concen: 24.031 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion:104 Resp: 131532
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 54.9 43.8 65.6



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





#71

Bromoform

Concen: 23.604 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

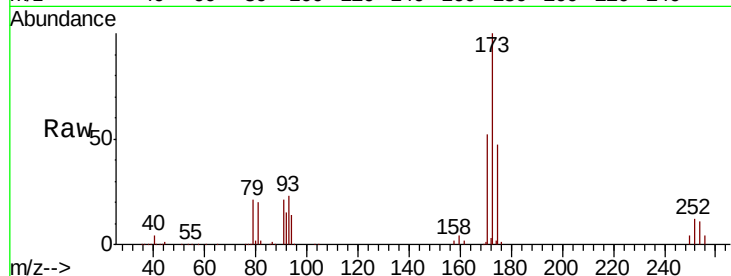
Tot Ion:173 Resp: 33004

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

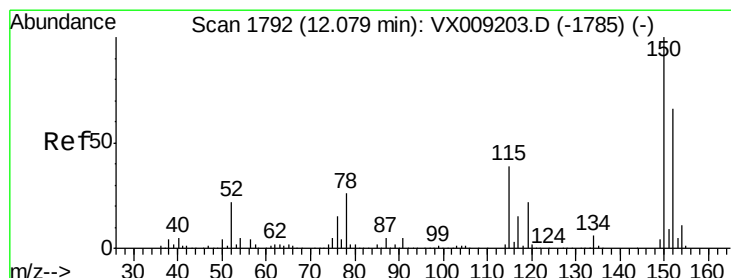
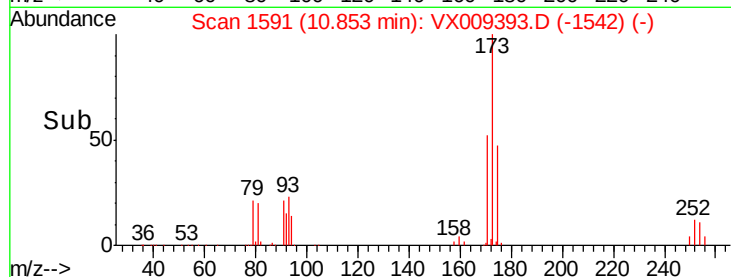
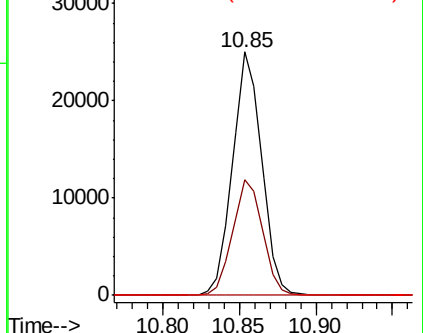
254 0.0 0.1 0.1#



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: VX009393.D

Acq: 08 May 2019 13:13

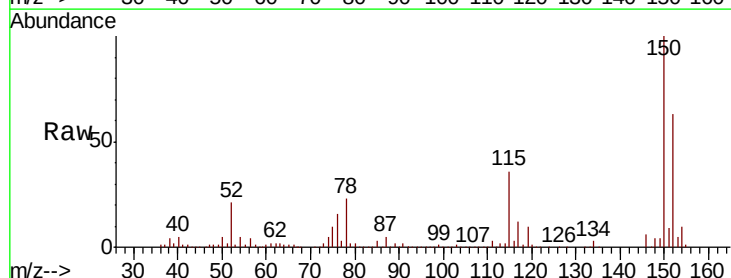
Tgt Ion:152 Resp: 116608

Ion Ratio Lower Upper

152 100

115 69.5 41.2 123.6

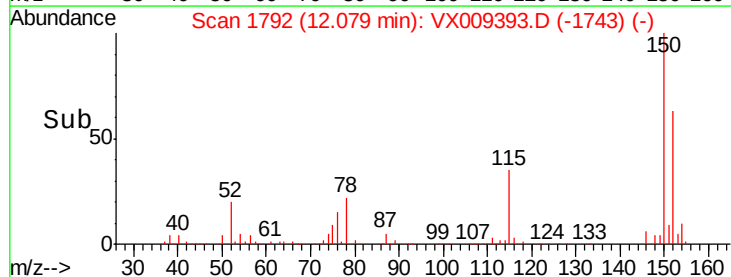
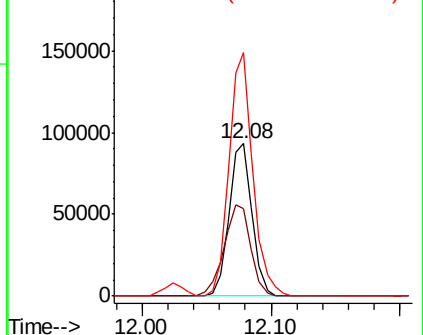
150 165.4 0.0 346.4

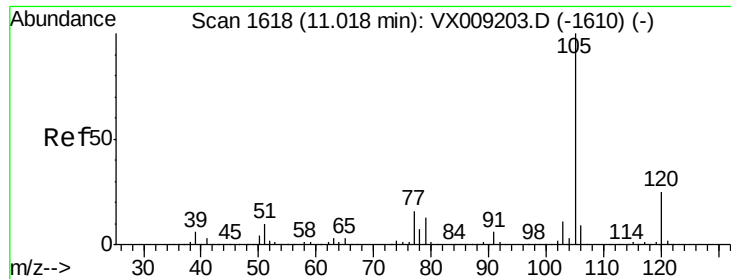


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.824 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

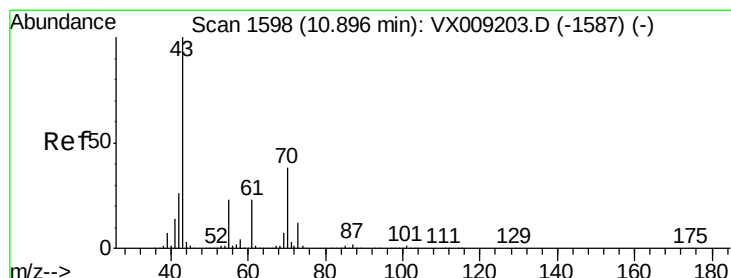
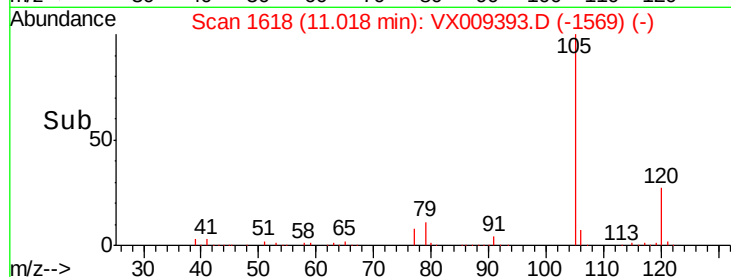
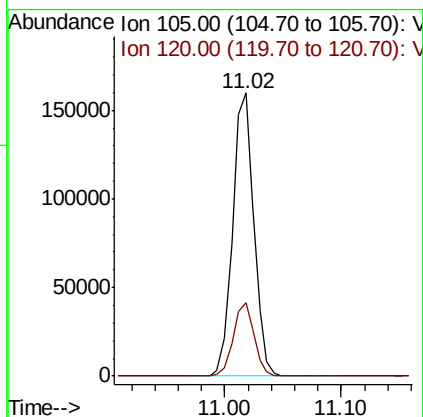
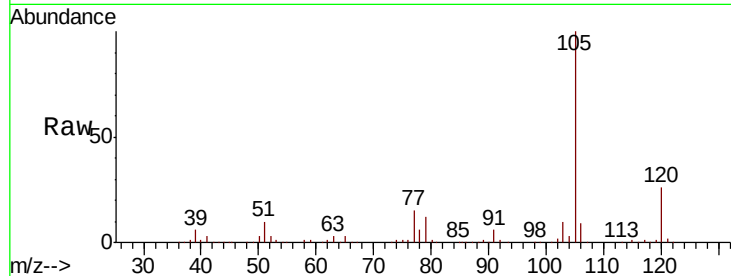
VX0508WBS01

Tot Ion:105 Resp: 202021

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 22.918 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion: 43 Resp: 113300

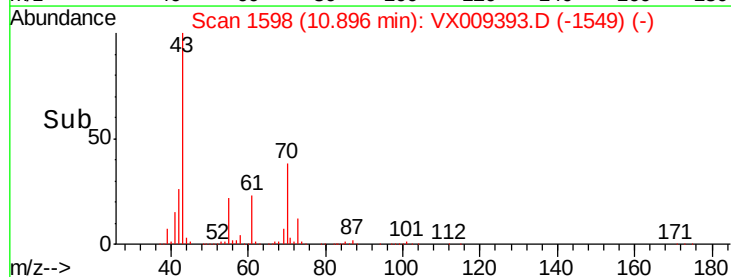
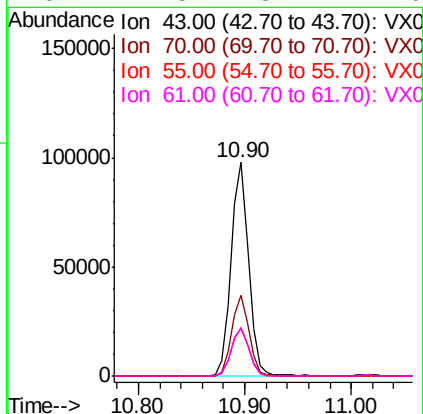
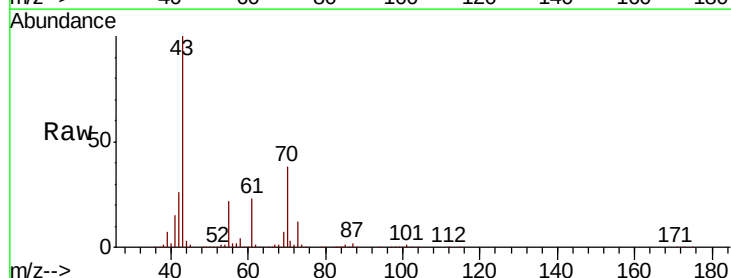
Ion Ratio Lower Upper

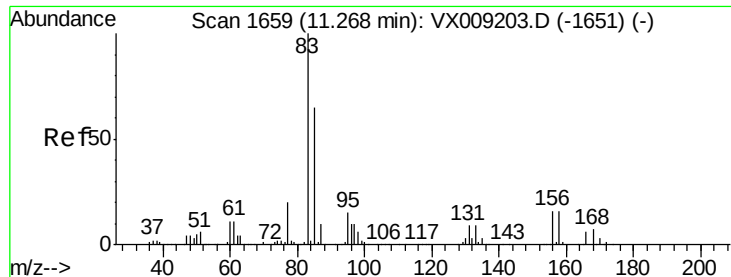
43 100

70 37.7 30.0 45.0

55 22.9 17.9 26.9

61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

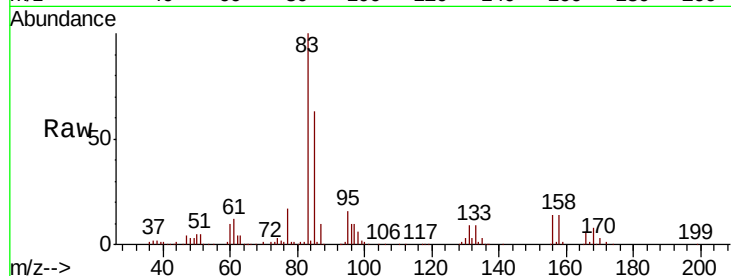
Tot Ion: 83 Resp: 73093

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

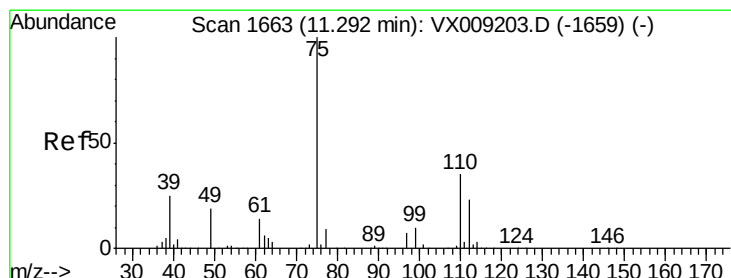
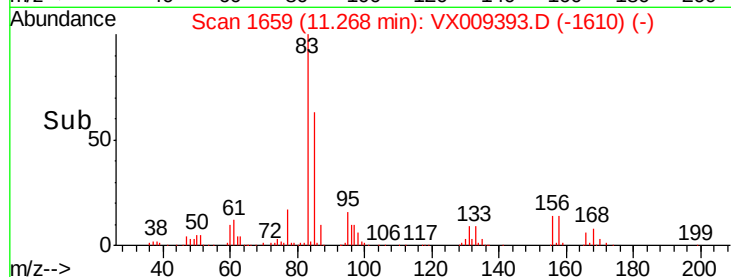
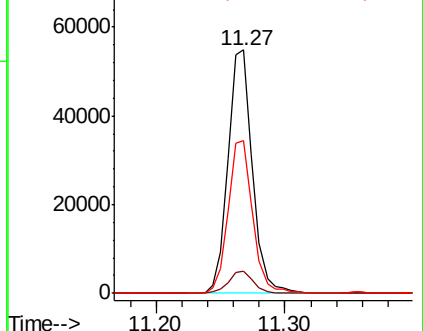
85 63.4 32.0 96.2



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: 30.998 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009393.D

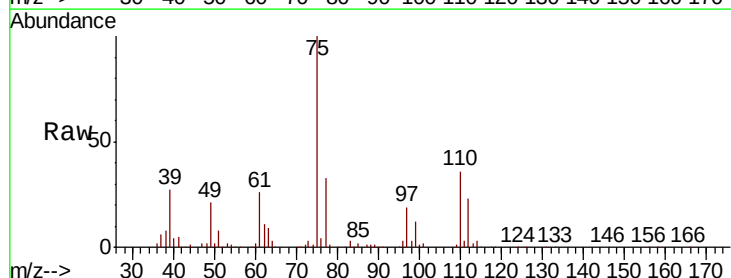
Acq: 08 May 2019 13:13

Tgt Ion: 75 Resp: 83847

Ion Ratio Lower Upper

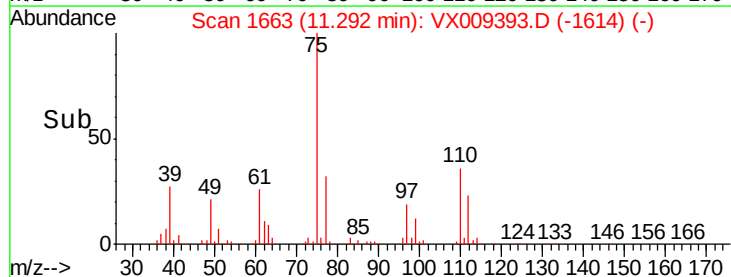
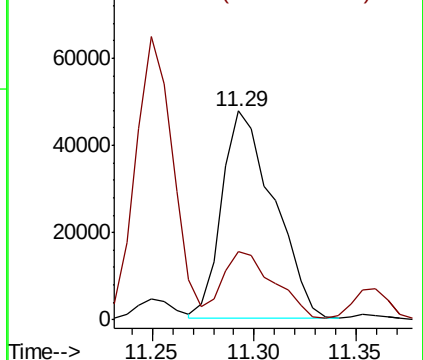
75 100

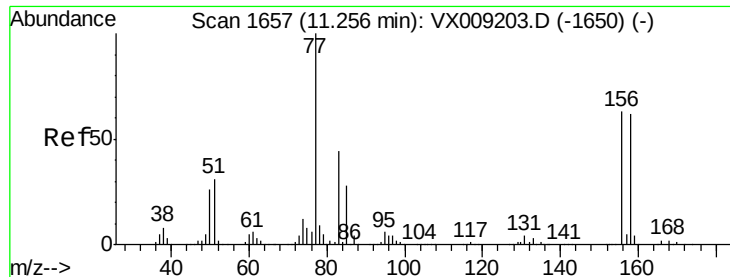
77 32.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.326 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

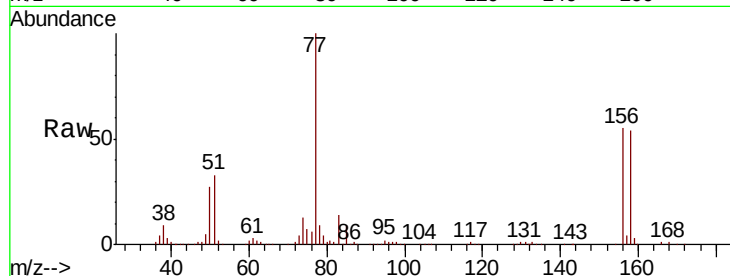
Tot Ion:156 Resp: 49093

Ion Ratio Lower Upper

156 100

77 168.9 84.8 254.3

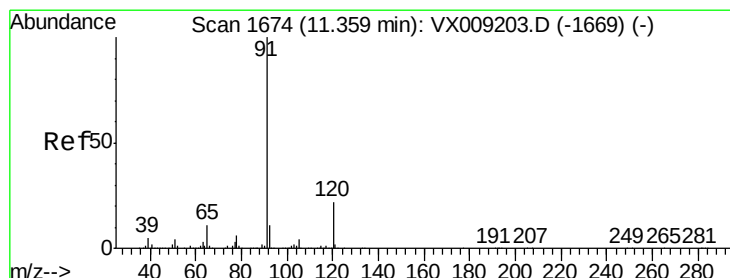
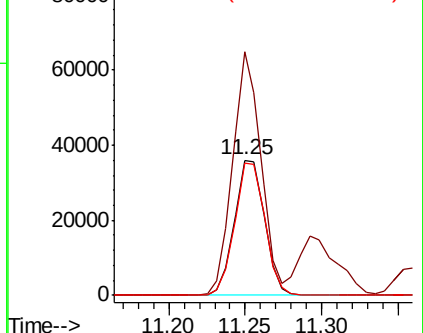
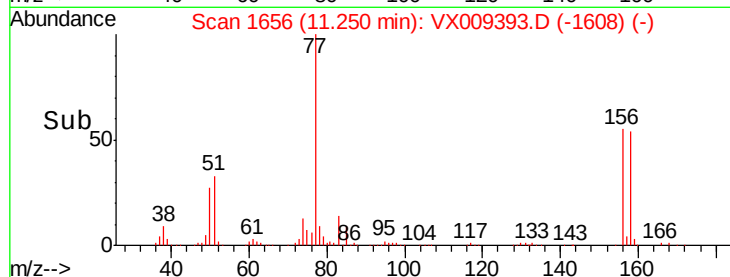
158 98.1 49.1 147.3



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: 24.144 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009393.D

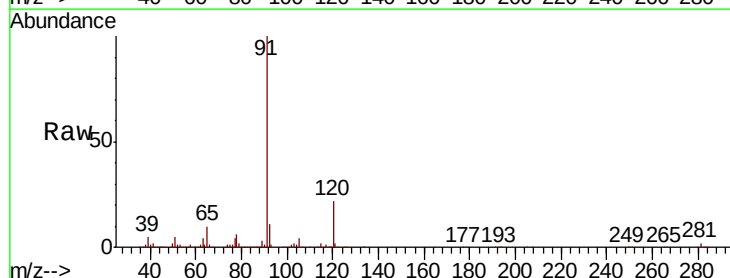
Acq: 08 May 2019 13:13

Tgt Ion: 91 Resp: 233811

Ion Ratio Lower Upper

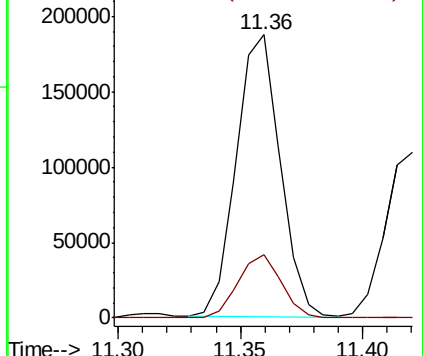
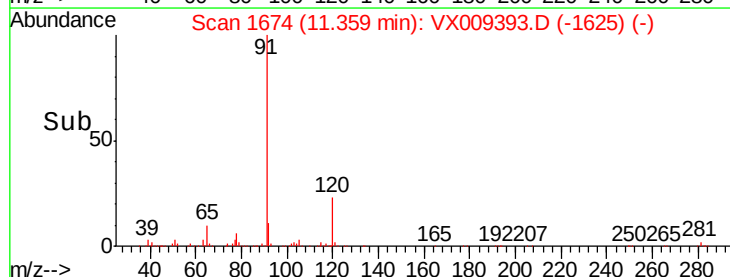
91 100

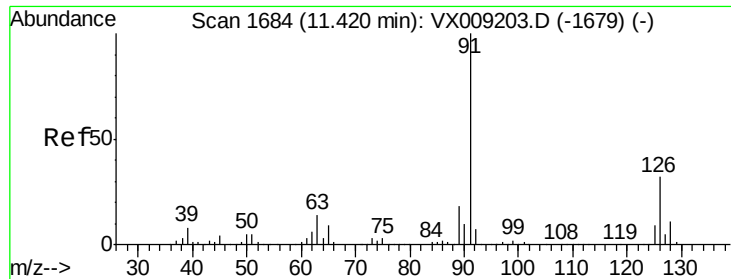
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.418 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

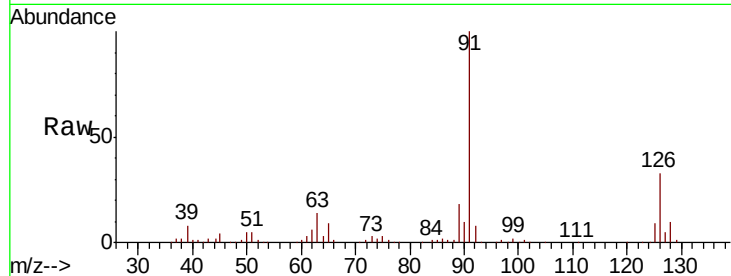
VX0508WBS01

Tot Ion: 91 Resp: 139916

Ion Ratio Lower Upper

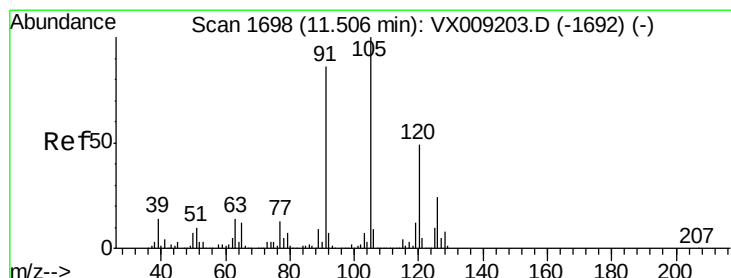
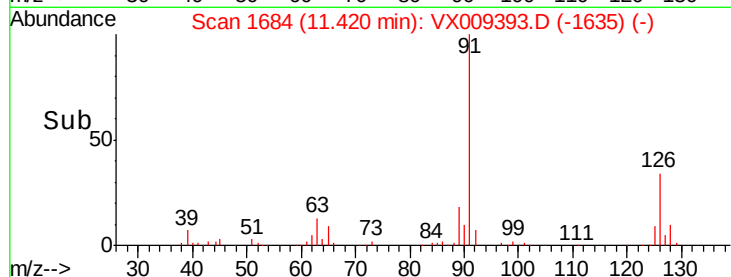
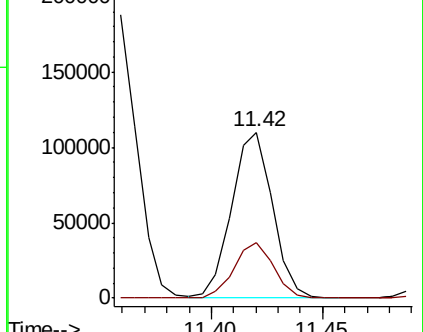
91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009393.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009393.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.071 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009393.D

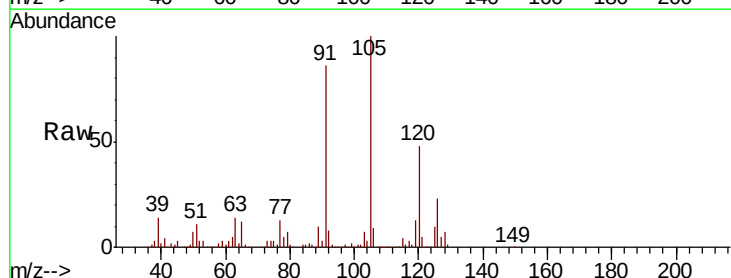
Acq: 08 May 2019 13:13

Tgt Ion: 105 Resp: 171861

Ion Ratio Lower Upper

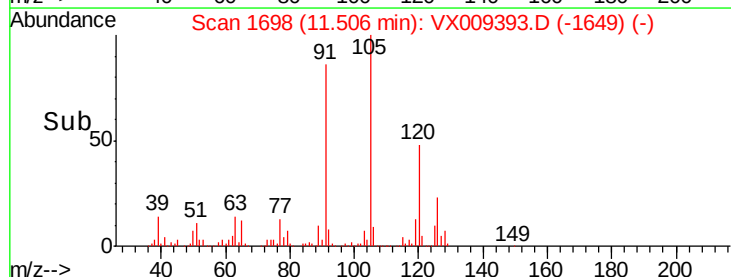
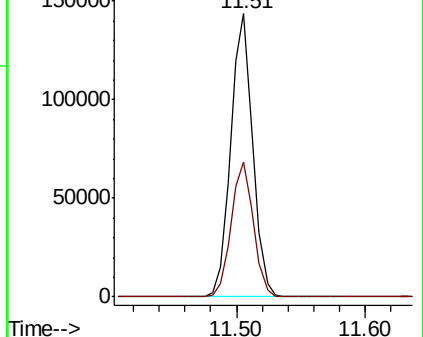
105 100

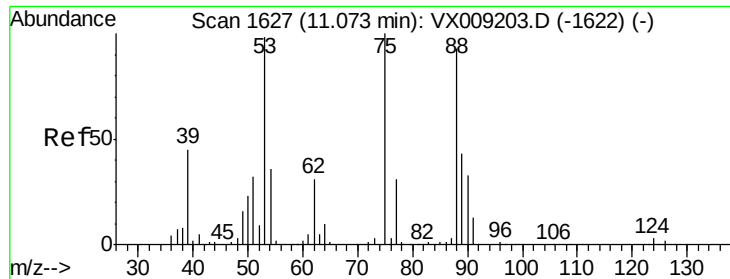
120 48.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009393.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009393.D (-1692) (-)

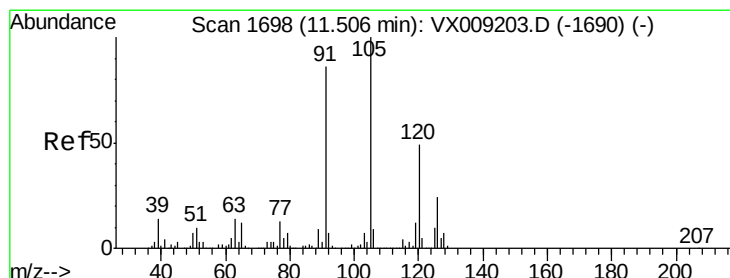
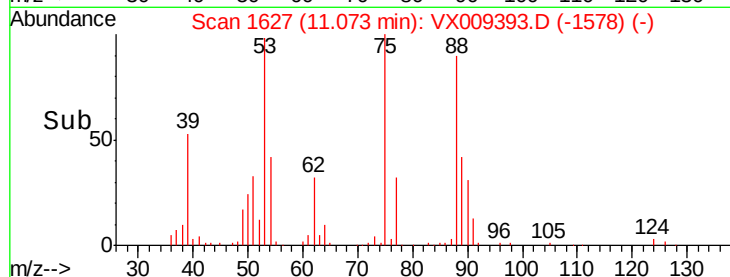
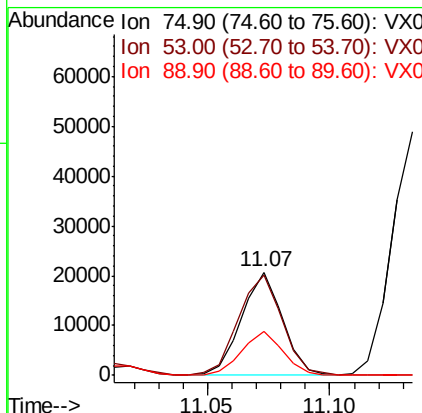
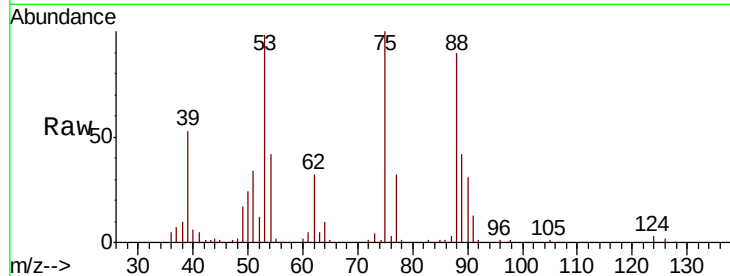




#81
trans-1,4-Dichloro-2-butene
Concen: 22.754 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

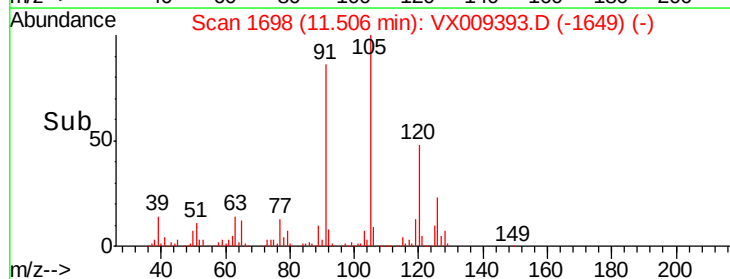
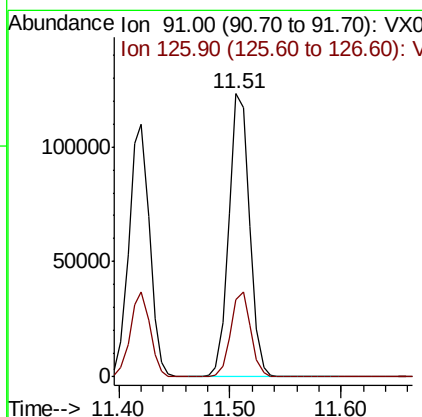
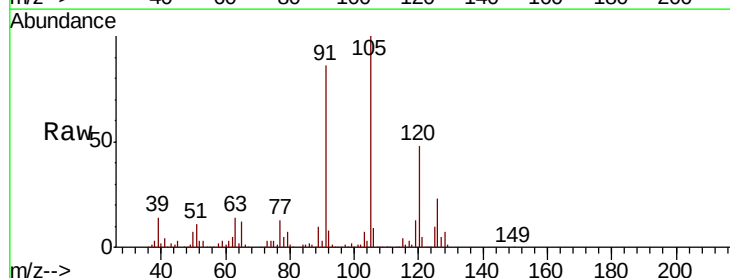
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBS01

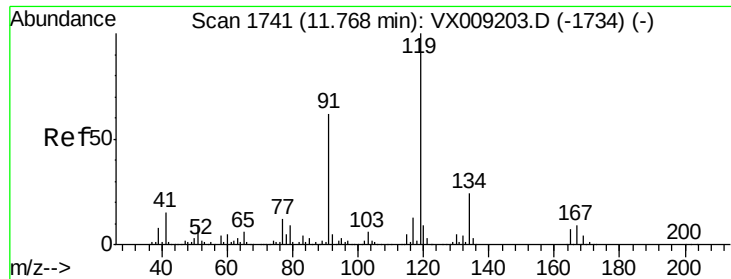
Tot Ion: 75 Resp: 24055
Ion Ratio Lower Upper
75 100
53 103.5 79.0 118.6
89 43.2 34.7 52.1



#82
4-Chlorotoluene
Concen: 23.420 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009393.D
Acq: 08 May 2019 13:13

Tgt Ion: 91 Resp: 158074
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.6

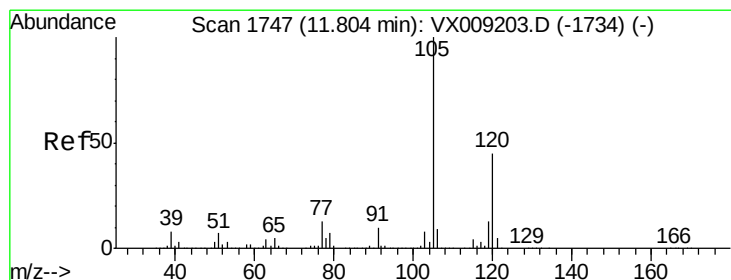
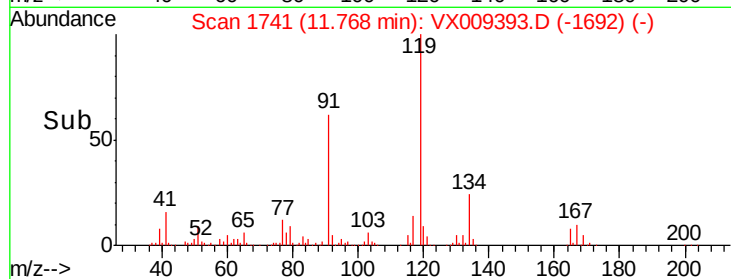
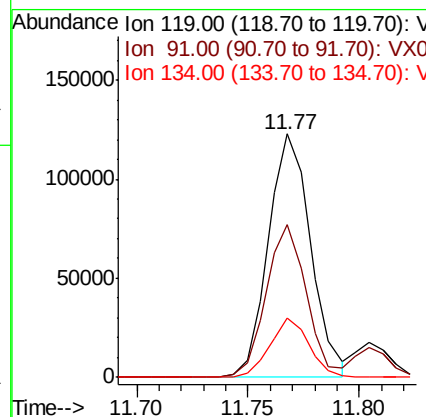
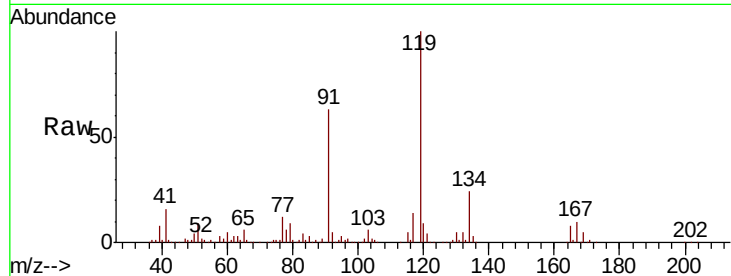




#83
 tert-Butylbenzene
 Concen: 23.390 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

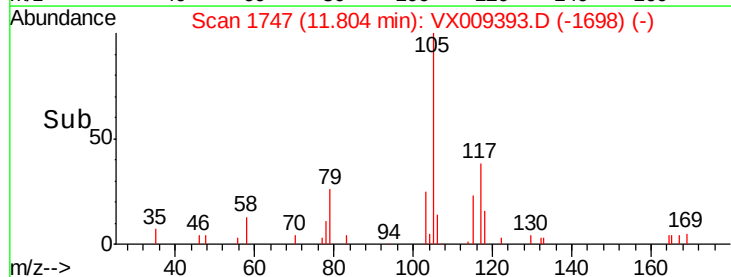
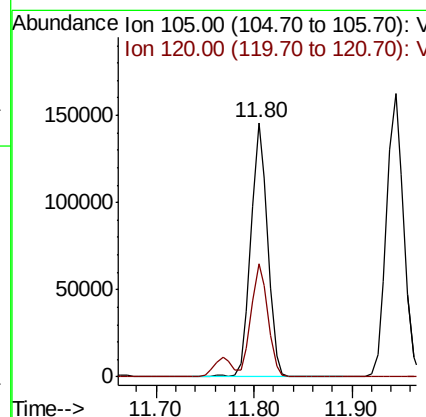
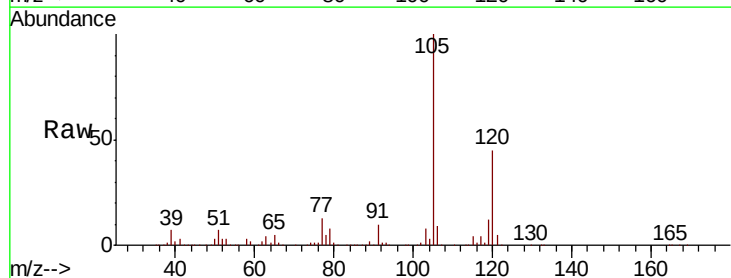
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

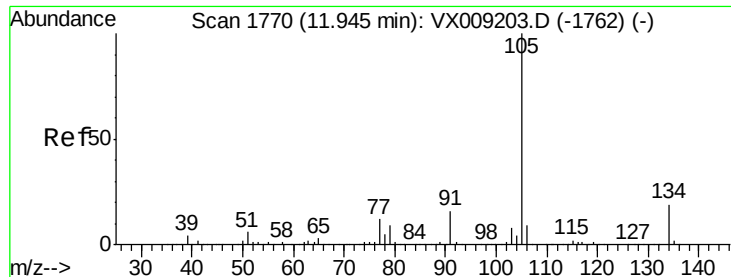
Tot Ion:119 Resp: 162459
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 24.185 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion:105 Resp: 173323
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 24.019 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

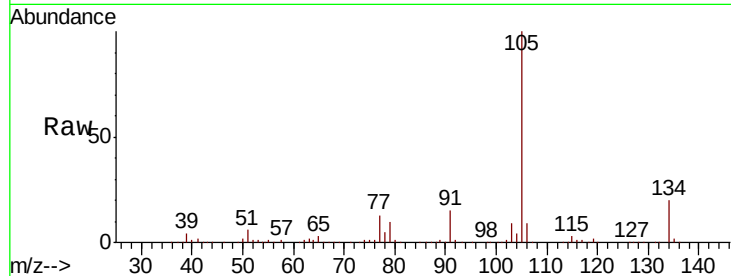
VX0508WBS01

Tot Ion:105 Resp: 197785

Ion Ratio Lower Upper

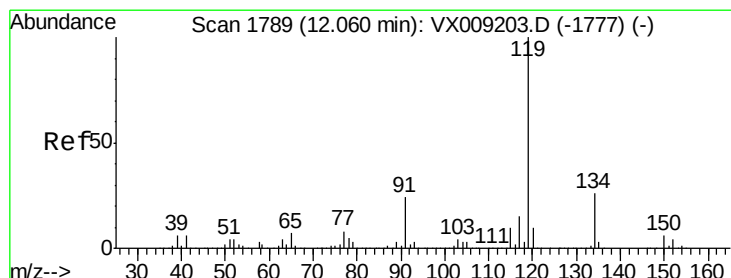
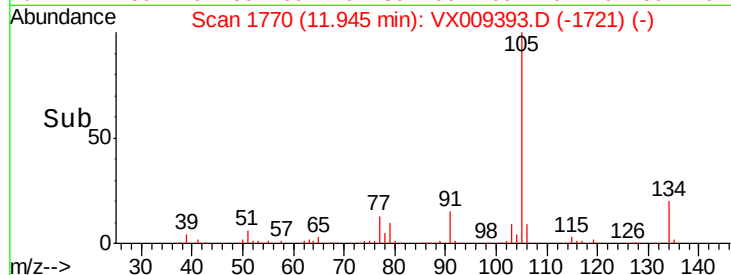
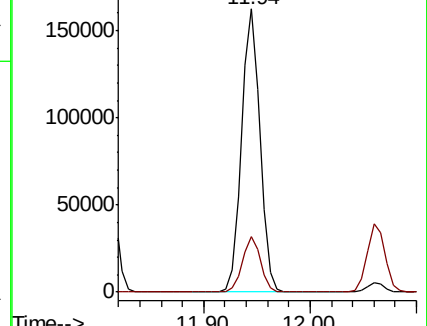
105 100

134 19.3 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: 24.067 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

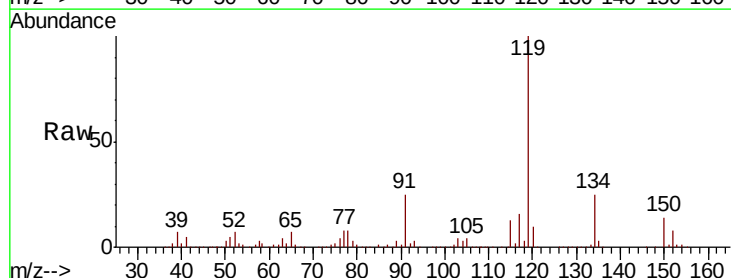
Tgt Ion:119 Resp: 178163

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

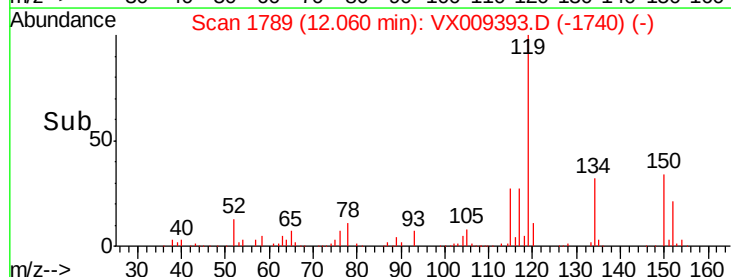
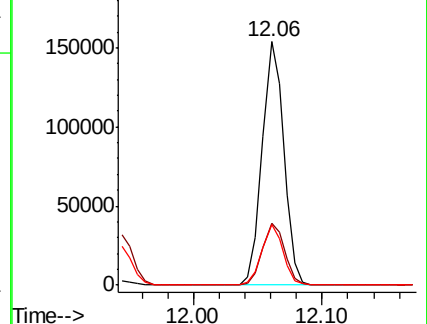
91 24.3 11.8 35.4

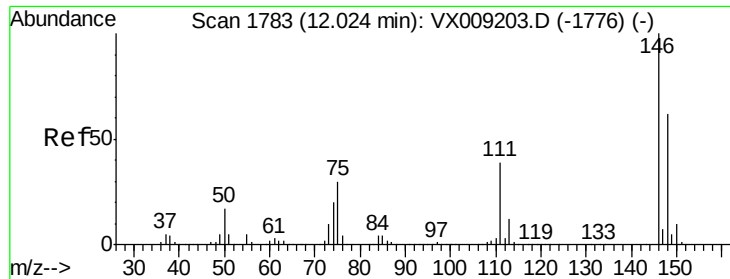


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

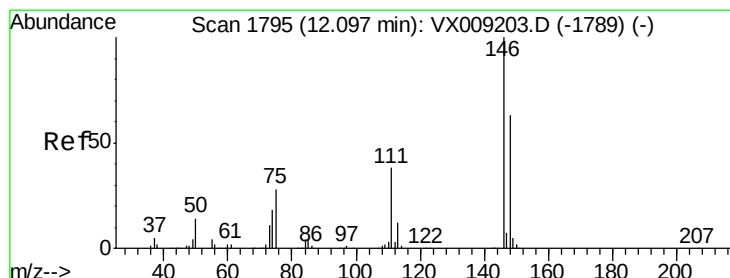
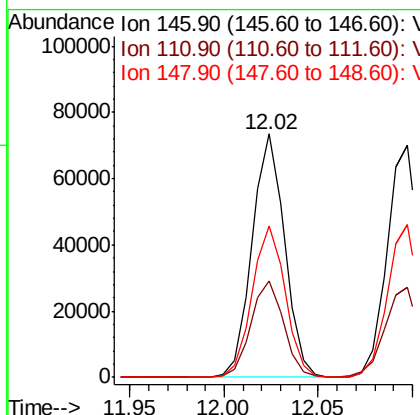
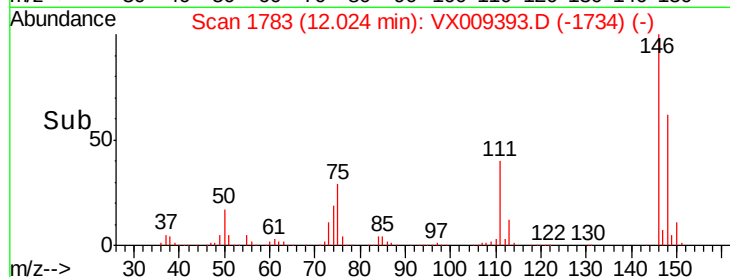
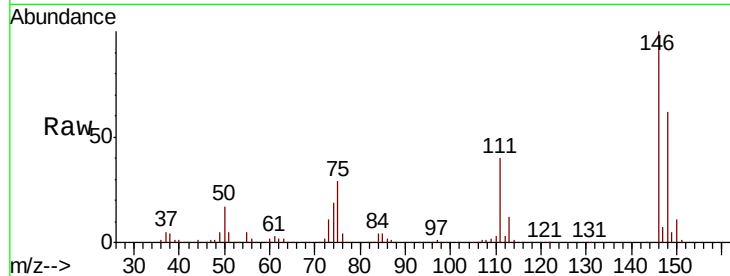




#87
 1,3-Dichlorobenzene
 Concen: 23.475 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

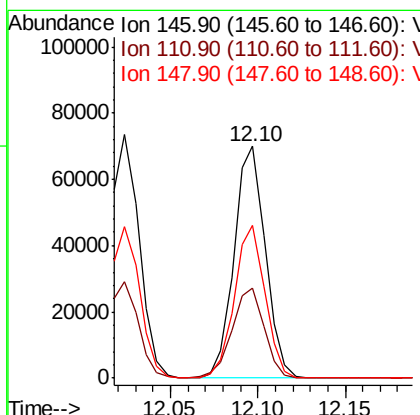
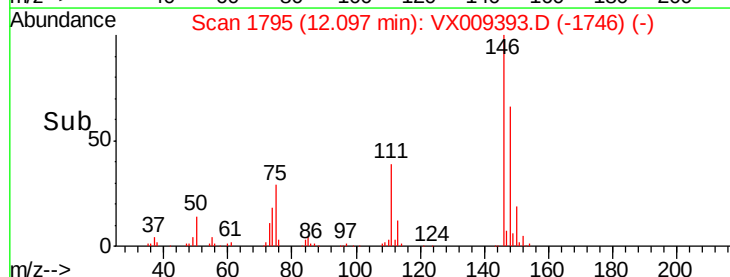
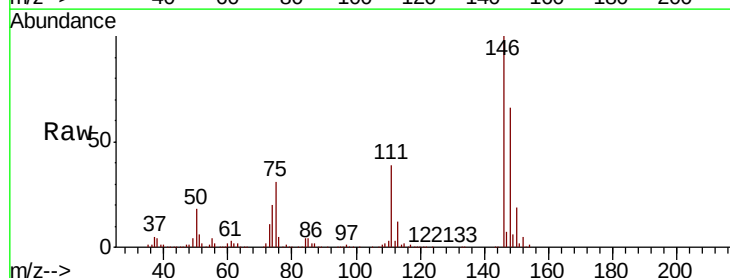
Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBS01

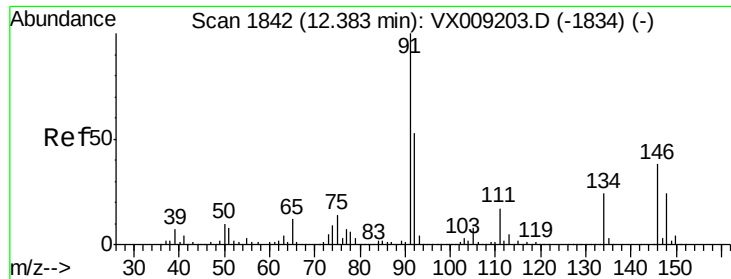
Tot Ion:146 Resp: 88076
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 22.946 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion:146 Resp: 86795
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 23.969 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBS01

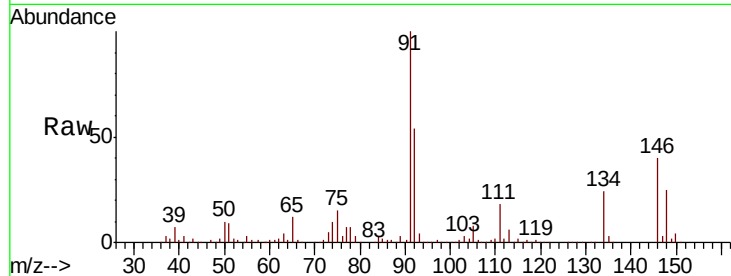
Tot Ion: 91 Resp: 160375

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

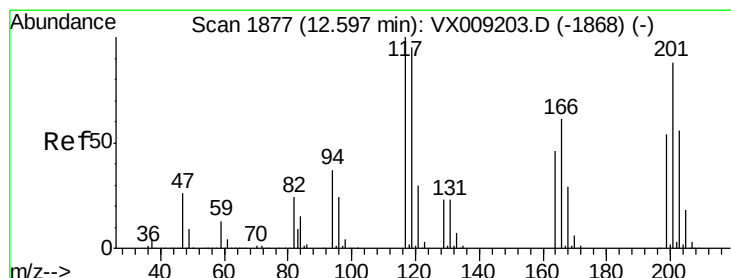
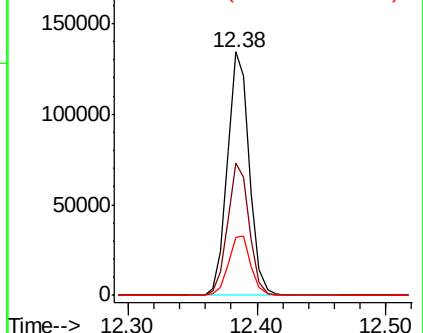
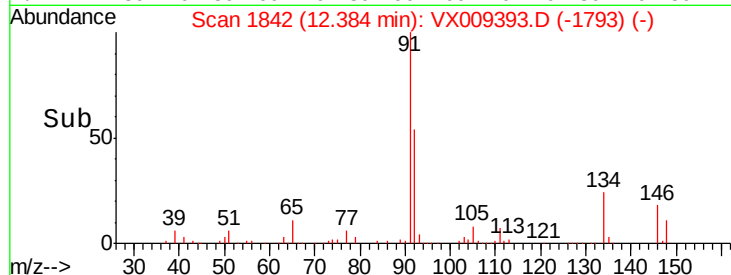
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.879 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009393.D

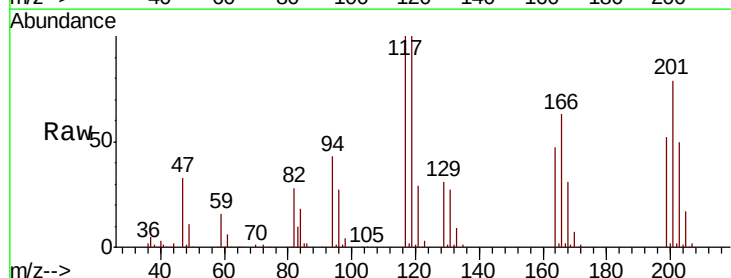
Acq: 08 May 2019 13:13

Tgt Ion: 117 Resp: 28855

Ion Ratio Lower Upper

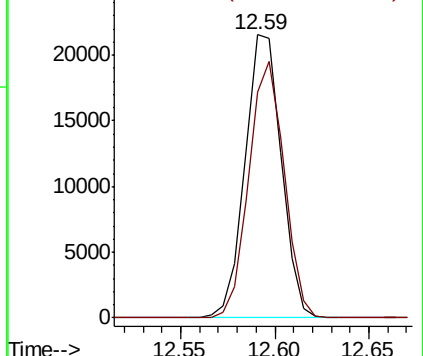
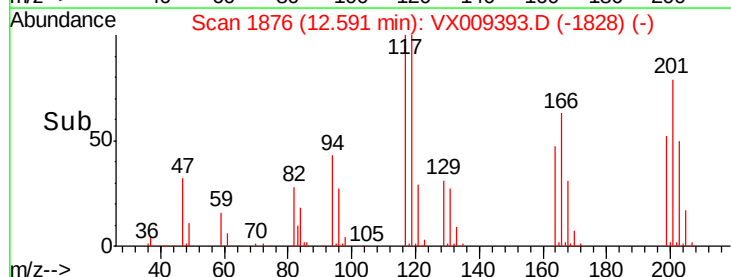
117 100

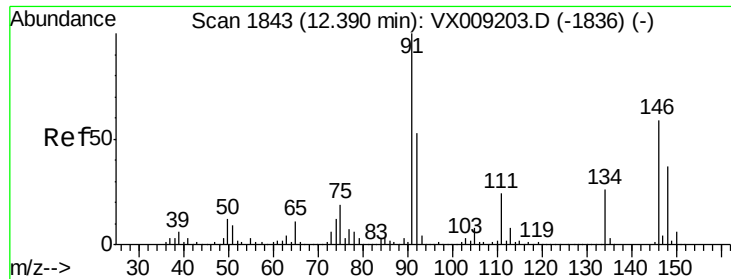
201 88.1 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

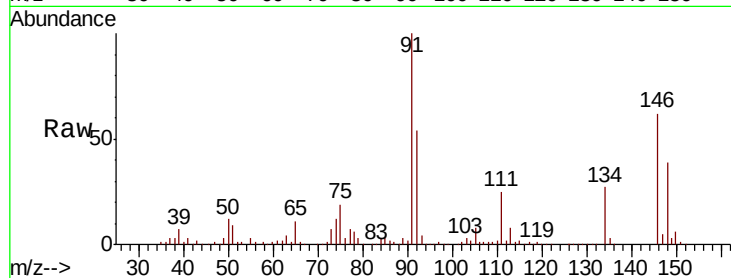




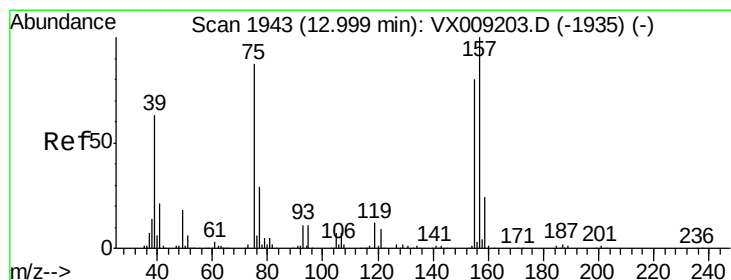
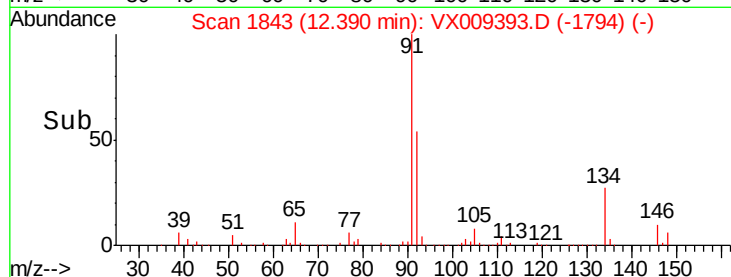
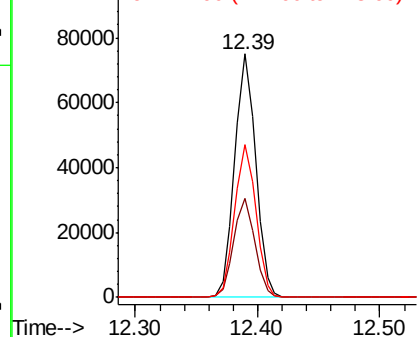
#91
 1,2-Dichlorobenzene
 Concen: 23.331 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Tot Ion:146 Resp: 89160
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.8 62.4
 148 63.4 31.9 95.9

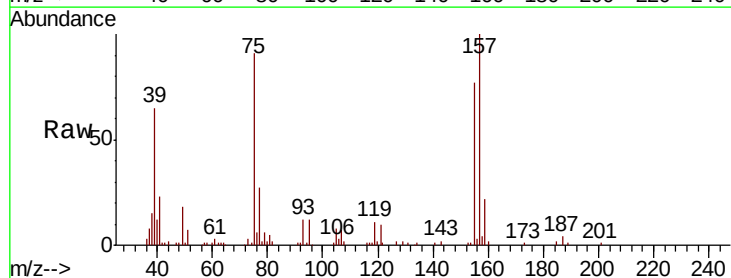


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

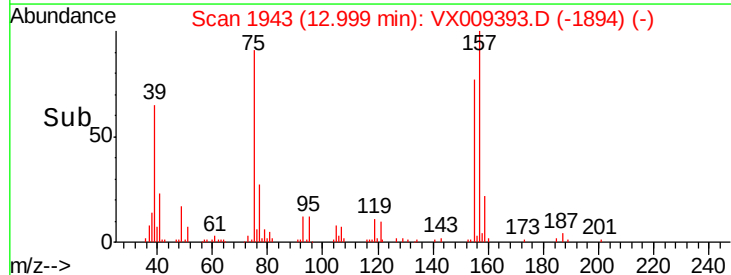
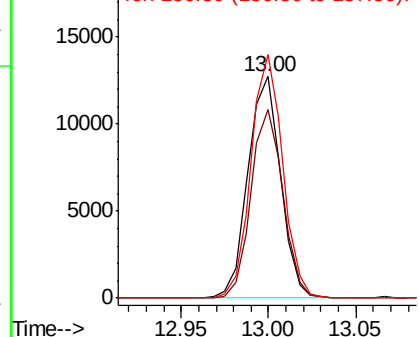


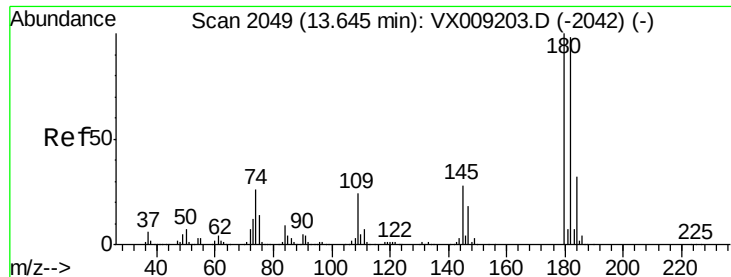
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.258 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion: 75 Resp: 16493
 Ion Ratio Lower Upper
 75 100
 155 82.9 42.0 126.0
 157 106.8 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

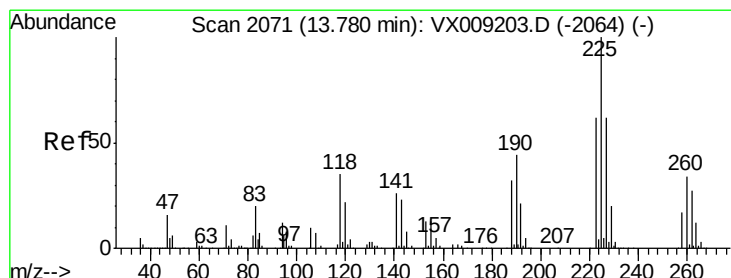
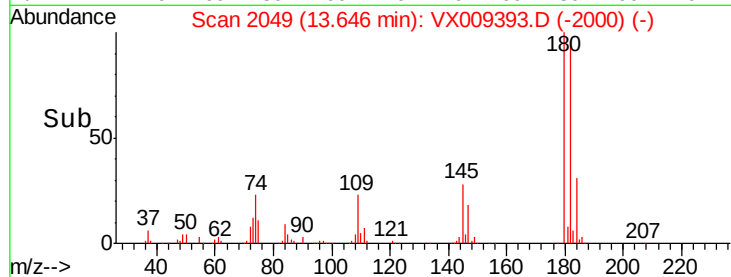
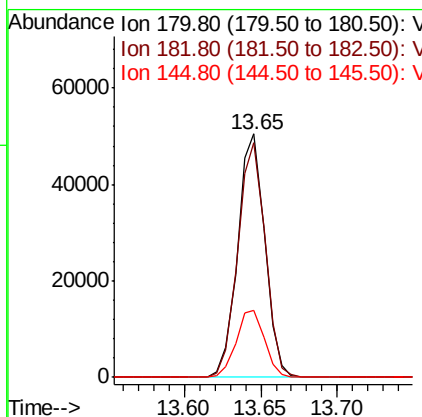
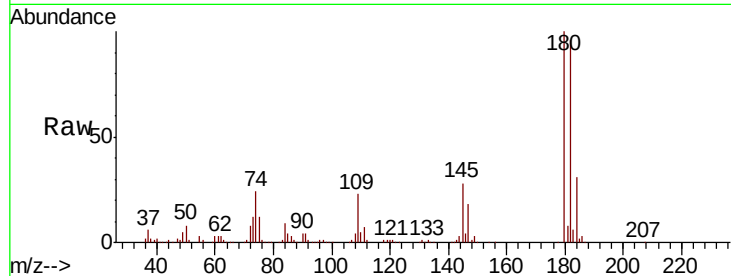




#93
 1,2,4-Trichlorobenzene
 Concen: 23.773 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

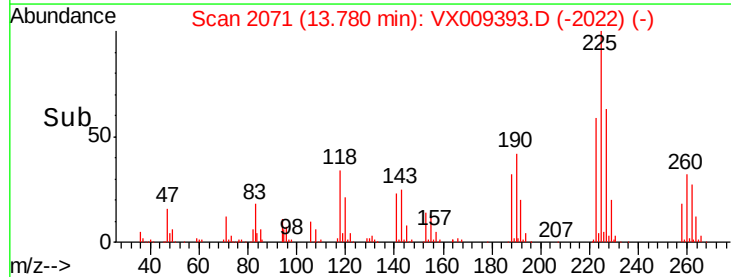
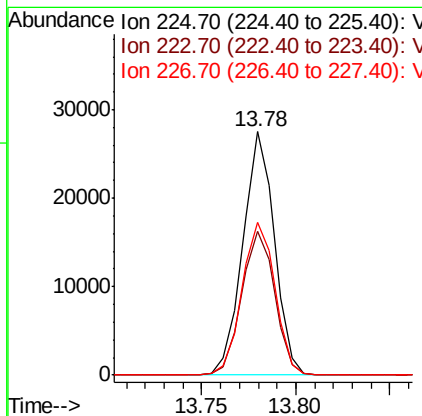
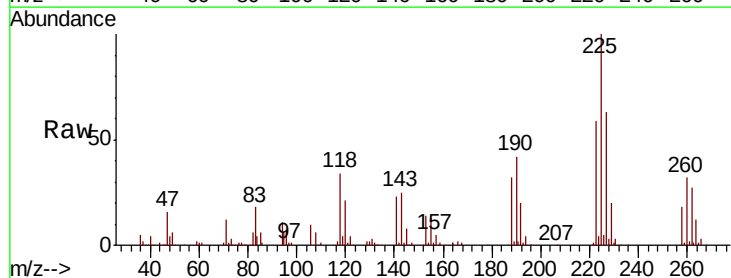
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

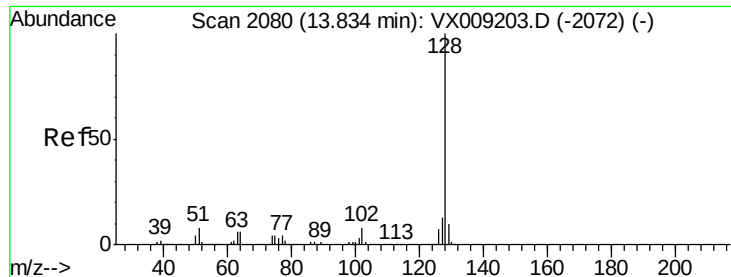
Tot Ion:	180	Resp:	62127
Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.2
145	28.7	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 23.980 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009393.D
 Acq: 08 May 2019 13:13

Tgt Ion:	225	Resp:	32001
Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.3	93.8
227	65.5	31.8	95.3





#95

Naphthalene

Concen: 24.560 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Instrument :

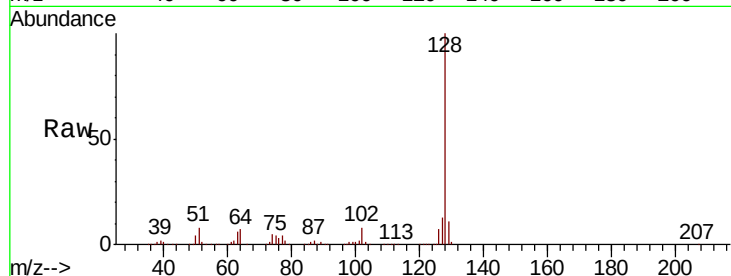
MSVOA_X

ClientSampleId :

VX0508WBS01

Tot Ion:128 Resp: 208810

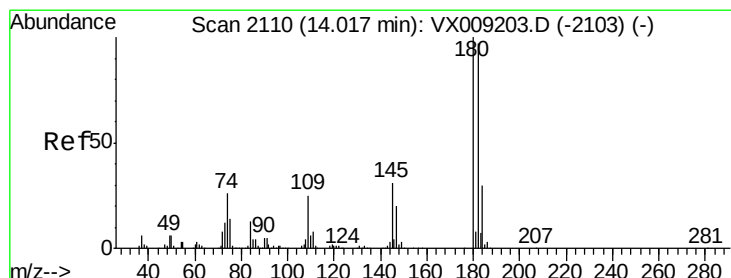
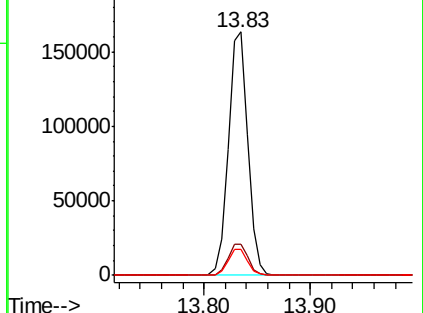
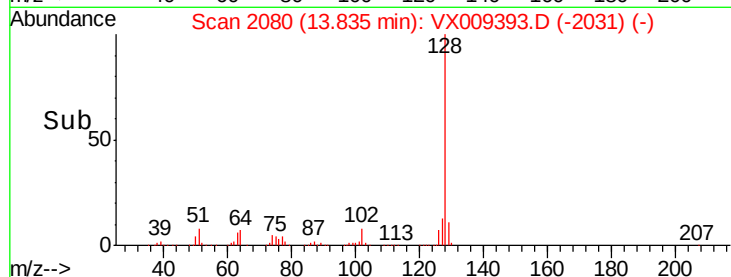
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.394 ug/l

RT: 14.02 min Scan# 2110

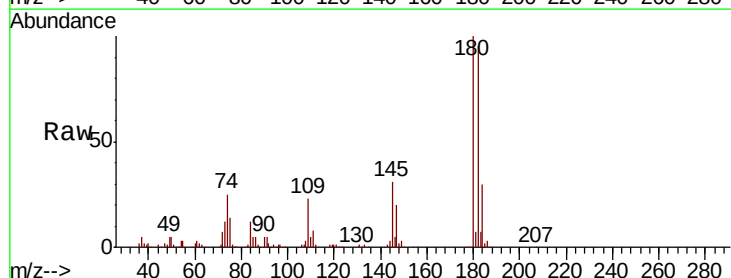
Delta R.T. 0.00 min

Lab File: VX009393.D

Acq: 08 May 2019 13:13

Tgt Ion:180 Resp: 64621

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.4	15.4	46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

