

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012959.D
 Acq On : 09 Oct 2019 22:21
 Operator : JC/SP
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Quant Time: Oct 10 01:06:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112040	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	5.49	113	87249	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	334972	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	126377	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	35720	20.320	ug/l	97
3) Chloromethane	1.32	50	39179	20.479	ug/l	97
4) Vinyl Chloride	1.40	62	39299	19.902	ug/l	98
5) Bromomethane	1.63	94	18829	22.939	ug/l	94
6) Chloroethane	1.72	64	24243	20.319	ug/l	97
7) Trichlorofluoromethane	1.92	101	56439	21.176	ug/l	98
8) Diethyl Ether	2.18	74	22422	20.843	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34763	20.154	ug/l	99
10) Methyl Iodide	2.50	142	30979	19.324	ug/l	99
11) Tert butyl alcohol	3.03	59	60694	106.220	ug/l	96
12) 1,1-Dichloroethene	2.36	96	34949	20.054	ug/l	98
13) Acrolein	2.28	56	31109	76.610	ug/l	99
14) Allyl chloride	2.72	41	62531	20.148	ug/l	99
15) Acrylonitrile	3.13	53	114462	105.705	ug/l	99
16) Acetone	2.43	43	97938	86.201	ug/l	99
17) Carbon Disulfide	2.56	76	90059	18.123	ug/l	98
18) Methyl Acetate	2.76	43	55488	20.605	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	127021	21.106	ug/l	97
20) Methylene Chloride	2.85	84	42716	20.458	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	39295	21.037	ug/l	96
22) Diisopropyl ether	3.84	45	125704	21.137	ug/l	90
23) Vinyl Acetate	3.80	43	535803	104.365	ug/l	99
24) 1,1-Dichloroethane	3.69	63	70882	21.186	ug/l	99
25) 2-Butanone	4.66	43	155765	98.820	ug/l	99
26) 2,2-Dichloropropane	4.57	77	48456	17.223	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	44382	20.613	ug/l	99
28) Bromochloromethane	5.01	49	21946	21.696	ug/l	99
29) Tetrahydrofuran	5.12	42	99946	103.040	ug/l	99
30) Chloroform	5.20	83	70958	20.670	ug/l	99
31) Cyclohexane	5.57	56	62582	20.004	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	60752	20.886	ug/l	99
36) 1,1-Dichloropropene	5.79	75	52358	20.114	ug/l	99
37) Ethyl Acetate	4.83	43	58563	20.120	ug/l	99
38) Carbon Tetrachloride	5.78	117	50643	19.988	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61956	19.626	ug/l	99
40) Benzene	6.14	78	159626	20.762	ug/l	99
41) Methacrylonitrile	5.03	41	32061	20.045	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57997	21.023	ug/l	100
43) Isopropyl Acetate	6.44	43	94687	20.268	ug/l	99
44) Trichloroethene	7.21	130	40984	19.224	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41241	21.047	ug/l	97
46) Dibromomethane	7.65	93	27170	20.812	ug/l	98
47) Bromodichloromethane	7.89	83	51414	20.180	ug/l	97
48) Methyl methacrylate	7.76	41	45861	20.144	ug/l	98
49) 1,4-Dioxane	7.73	88	23062	399.319	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	302882	103.984	ug/l	100
52) Toluene	8.78	92	102292	20.797	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	53995	18.415	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	61858	19.741	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	41261	21.197	ug/l	95
56) Ethyl methacrylate	9.17	69	62208	19.025	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69830	20.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145431	101.704	ug/l	99
59) 2-Hexanone	9.48	43	232170	102.394	ug/l	99
60) Dibromochloromethane	9.58	129	39240	19.299	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41678	20.354	ug/l	100
64) Tetrachloroethene	9.33	164	39862	21.678	ug/l	94
65) Chlorobenzene	10.14	112	107497	20.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37648	20.624	ug/l	99
67) Ethyl Benzene	10.25	91	191387	20.465	ug/l	99
68) m/p-Xylenes	10.36	106	144153	41.261	ug/l	99
69) o-Xylene	10.70	106	70176	20.598	ug/l	99
70) Styrene	10.71	104	118675	20.490	ug/l	100
71) Bromoform	10.85	173	24610	17.967	ug/l #	99
73) Isopropylbenzene	11.01	105	186956	20.959	ug/l	100
74) N-amyl acetate	10.89	43	79123	20.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60391	20.356	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69046	25.659	ug/l	76
77) Bromobenzene	11.25	156	43641	20.762	ug/l	97
78) n-propylbenzene	11.35	91	206452	21.034	ug/l	99
79) 2-Chlorotoluene	11.42	91	128387	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157830	21.190	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16343	18.426	ug/l	93
82) 4-Chlorotoluene	11.51	91	147622	20.879	ug/l	99
83) tert-Butylbenzene	11.76	119	149920	20.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	159464	21.140	ug/l	100
85) sec-Butylbenzene	11.94	105	179070	21.273	ug/l	98
86) p-Isopropyltoluene	12.06	119	161610	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77371	19.822	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76117	19.254	ug/l	99
89) n-Butylbenzene	12.39	91	134585	20.512	ug/l	99
90) Hexachloroethane	12.59	117	25549	19.039	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	77917	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13507	19.424	ug/l	96

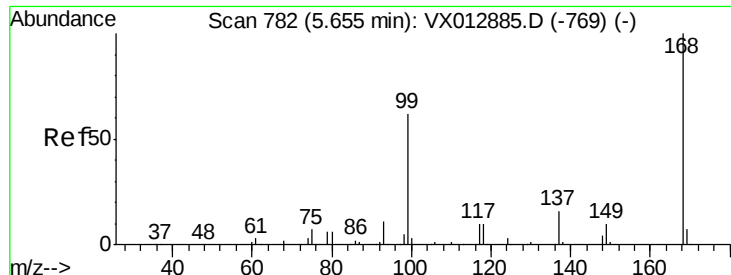
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47052	19.628	ug/l	99
94) Hexachlorobutadiene	13.78	225	21467	19.405	ug/l	99
95) Naphthalene	13.83	128	166025	19.980	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	47146	19.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

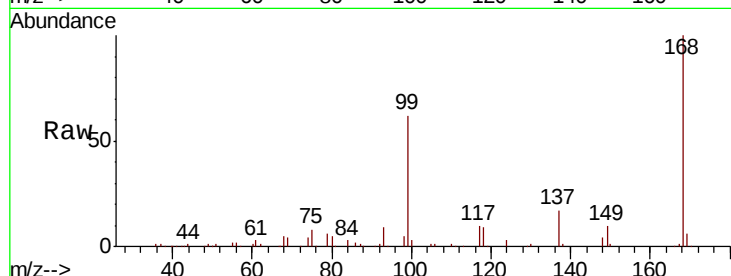
VX1009WBS02

Tot Ion:168 Resp: 172456

Ion Ratio Lower Upper

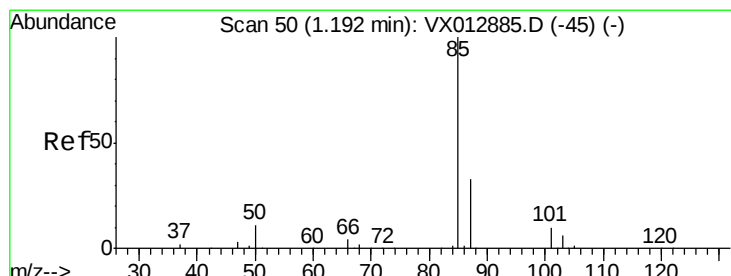
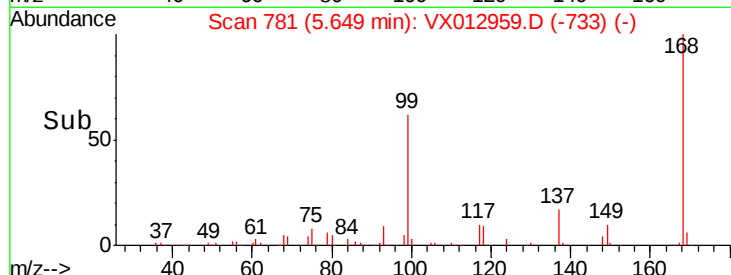
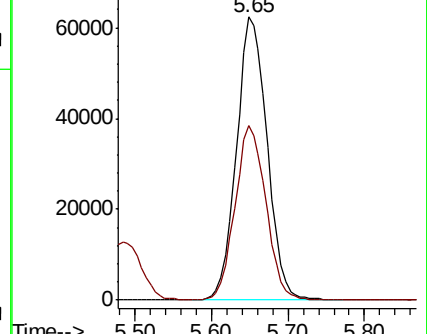
168 100

99 61.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.320 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012959.D

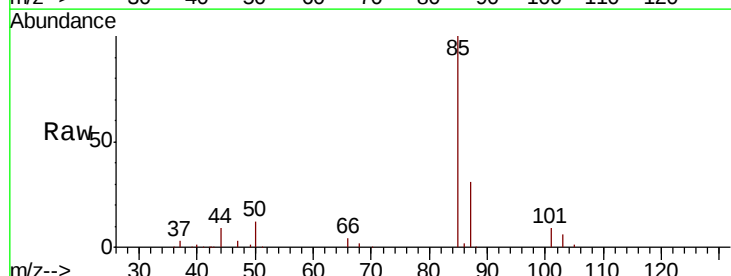
Acq: 09 Oct 2019 22:21

Tgt Ion: 85 Resp: 35720

Ion Ratio Lower Upper

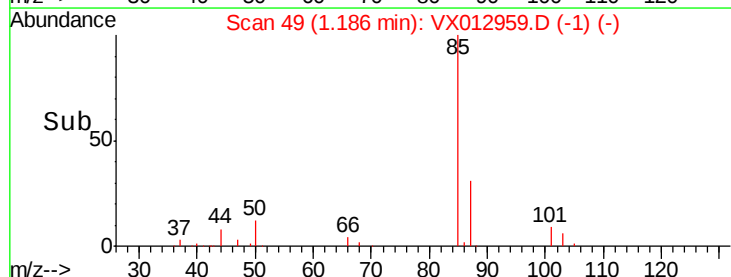
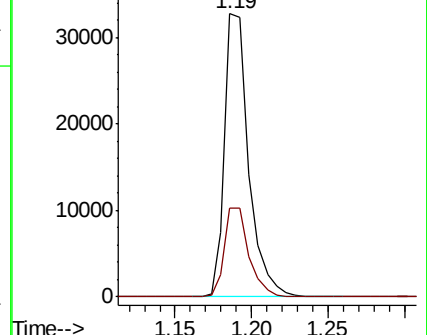
85 100

87 31.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.479 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

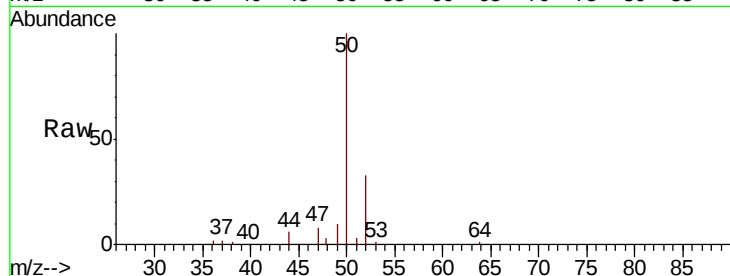
VX1009WBS02

Tot Ion: 50 Resp: 39179

Ion Ratio Lower Upper

50 100

52 33.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

40000

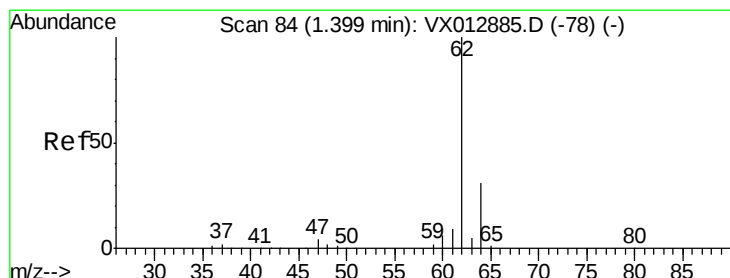
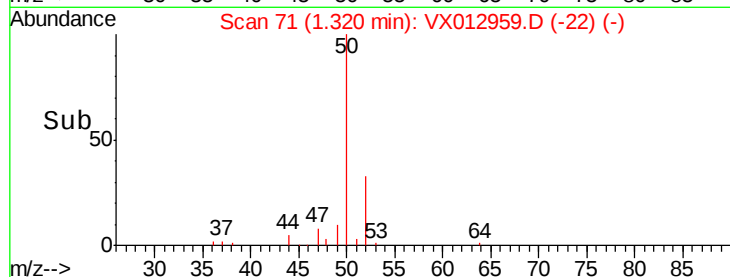
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 19.902 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012959.D

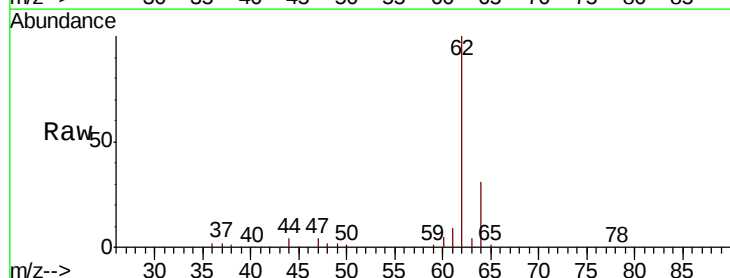
Acq: 09 Oct 2019 22:21

Tgt Ion: 62 Resp: 39299

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

40000

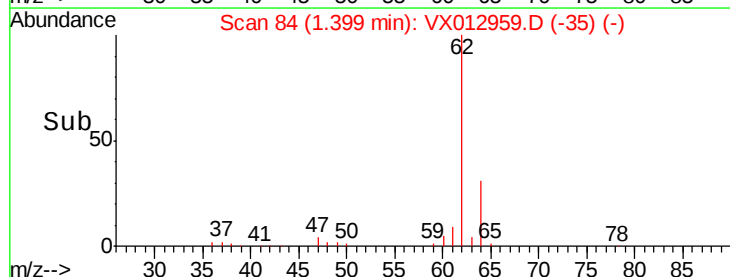
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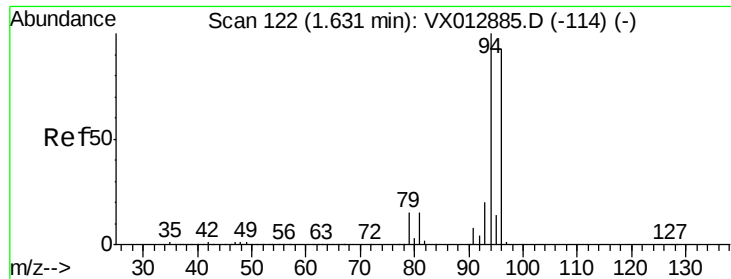
20000

10000

0

Time-->





#5

Bromomethane

Concen: 22.939 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

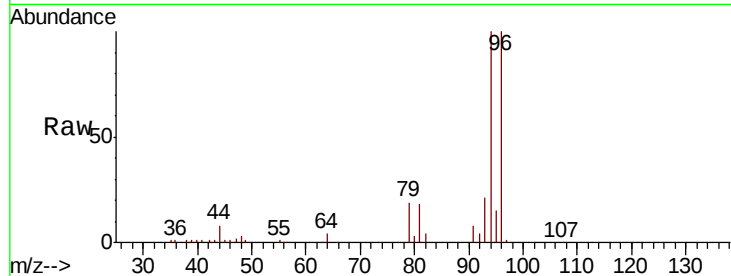
VX1009WBS02

Tot Ion: 94 Resp: 18829

Ion Ratio Lower Upper

94 100

96 99.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

15000

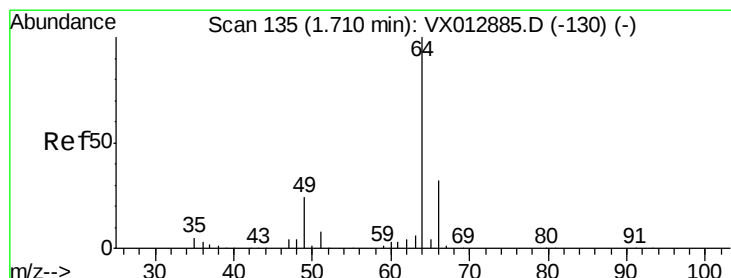
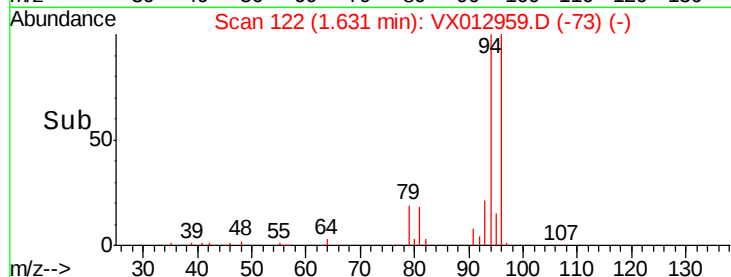
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.319 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012959.D

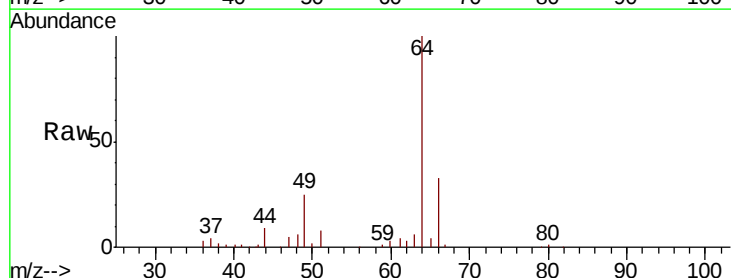
Acq: 09 Oct 2019 22:21

Tgt Ion: 64 Resp: 24243

Ion Ratio Lower Upper

64 100

66 33.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

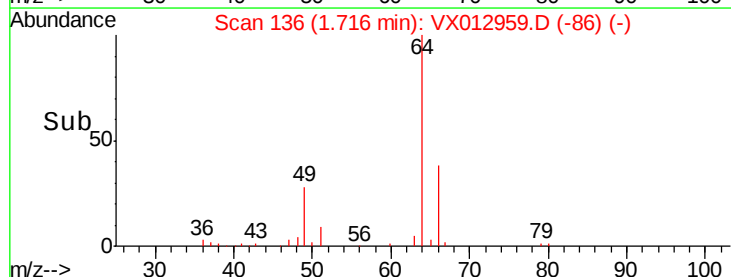
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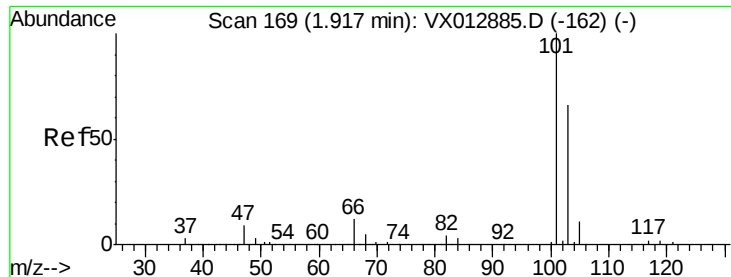
5000

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Time-->

1.65 1.70 1.75 1.80



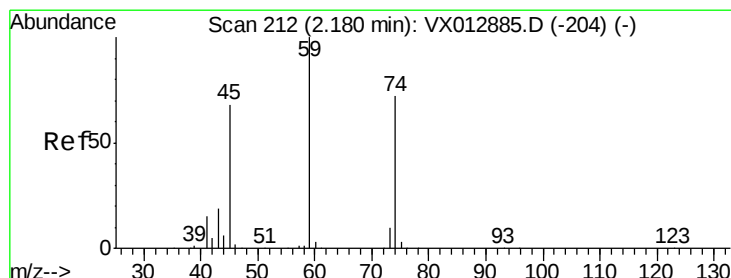
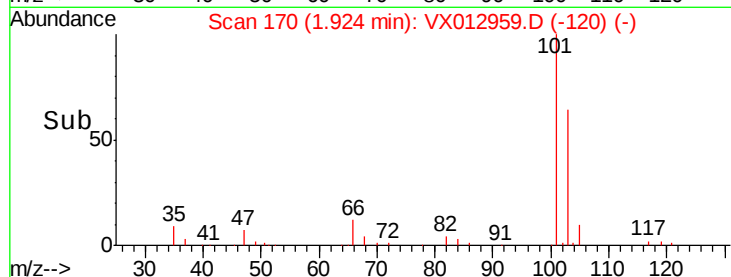
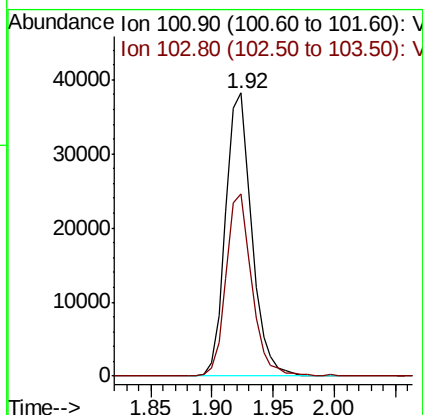
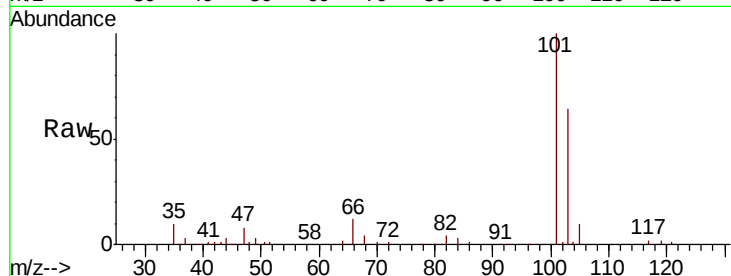


#7

Trichlorofluoromethane
 Concen: 21.176 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

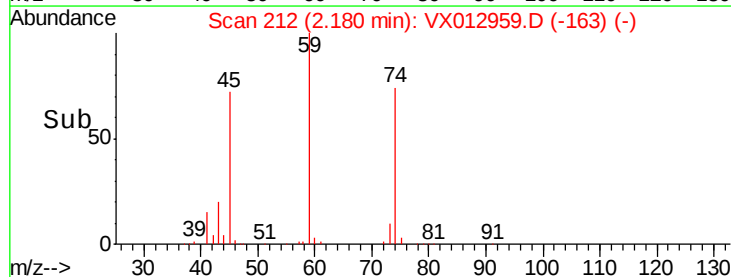
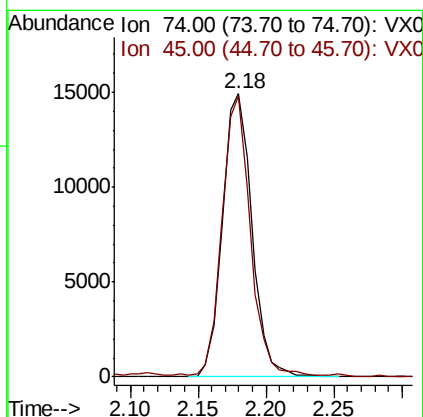
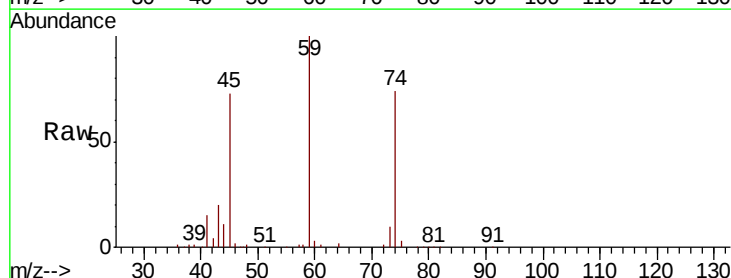
Tot Ion:101 Resp: 56439
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.5 78.7

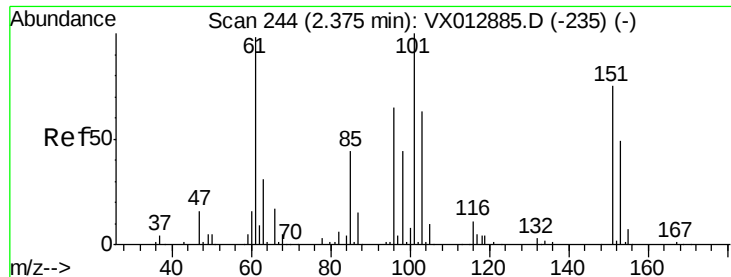


#8

Diethyl Ether
 Concen: 20.843 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 74 Resp: 22422
 Ion Ratio Lower Upper
 74 100
 45 94.5 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.154 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

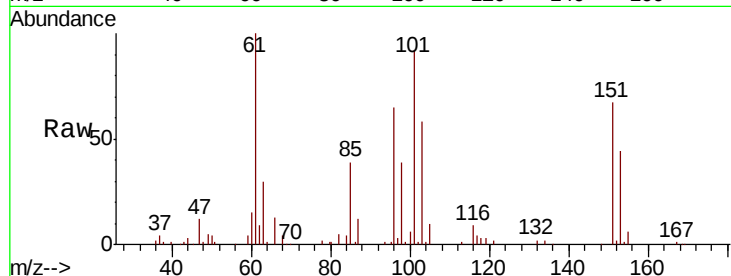
Tot Ion:101 Resp: 34763

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

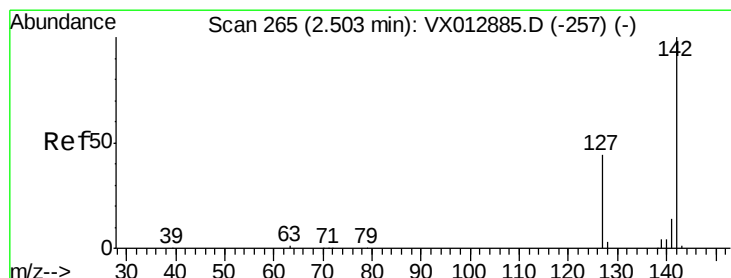
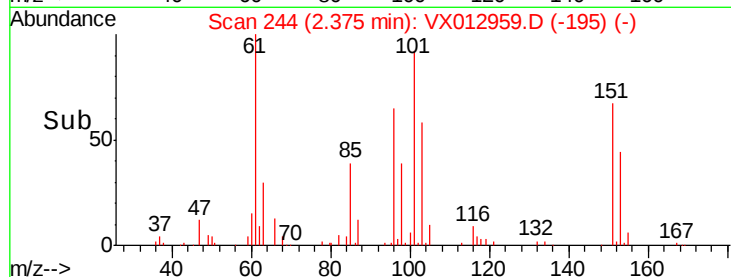
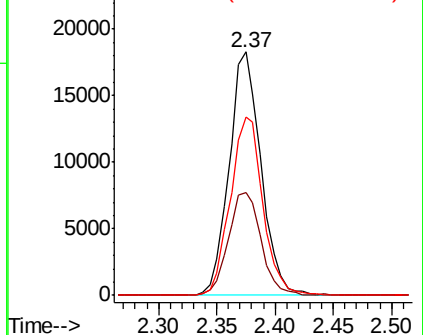
151 74.8 60.3 90.5



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: 19.324 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

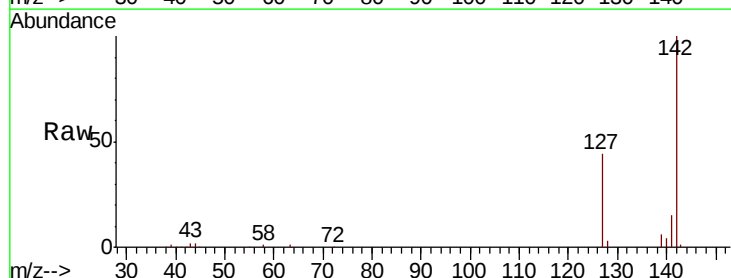
Tgt Ion:142 Resp: 30979

Ion Ratio Lower Upper

142 100

127 44.1 34.9 52.3

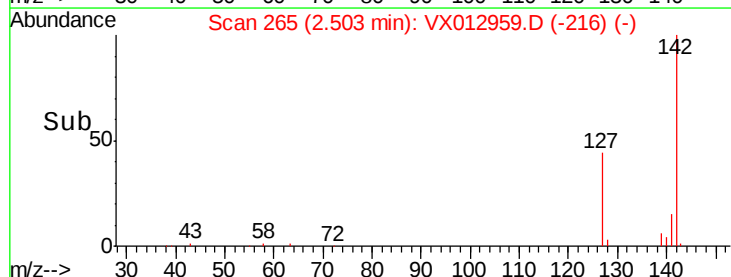
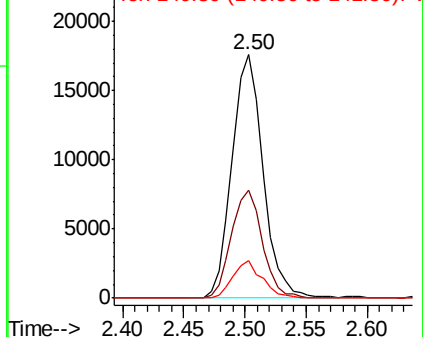
141 14.6 11.6 17.4

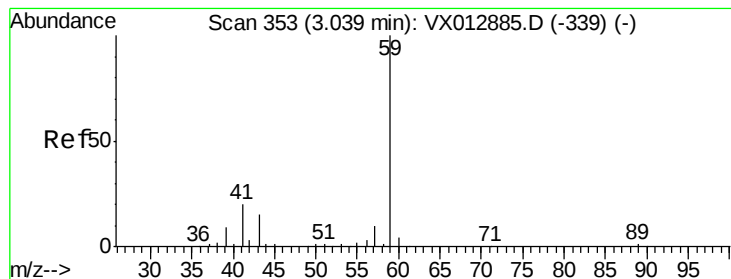


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



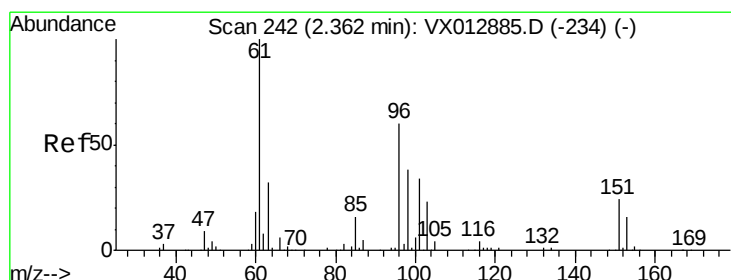
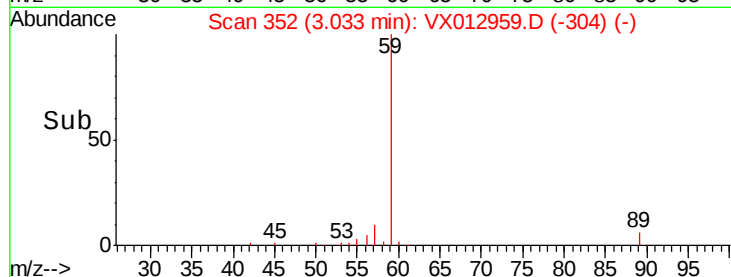
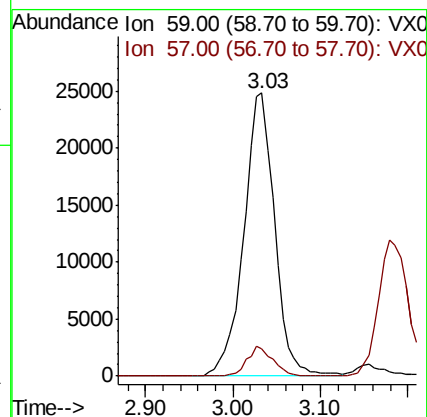
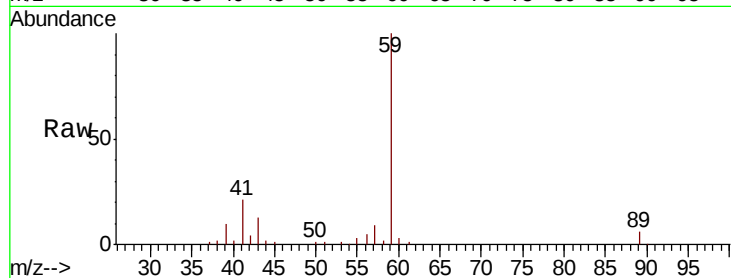


#11

Tert butyl alcohol
 Concen: 106.220 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS02

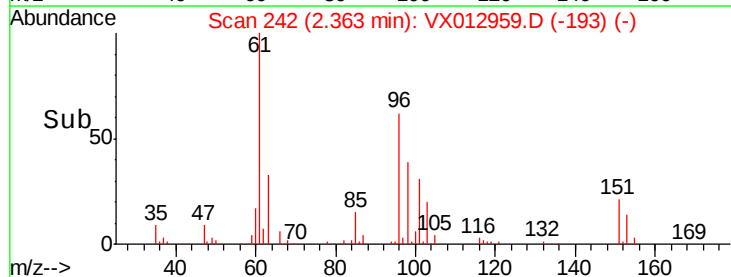
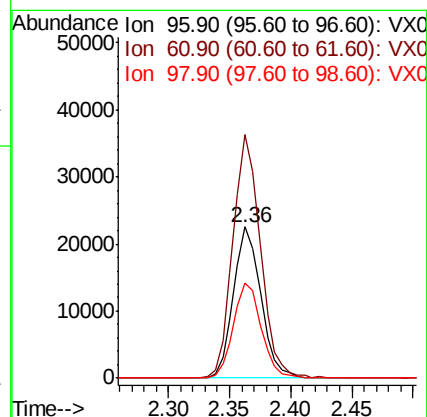
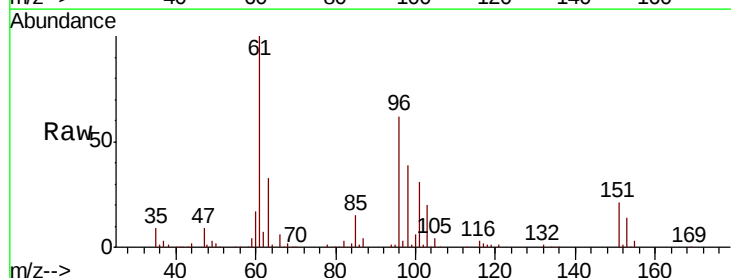
Tot Ion: 59 Resp: 60694
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.3 12.5

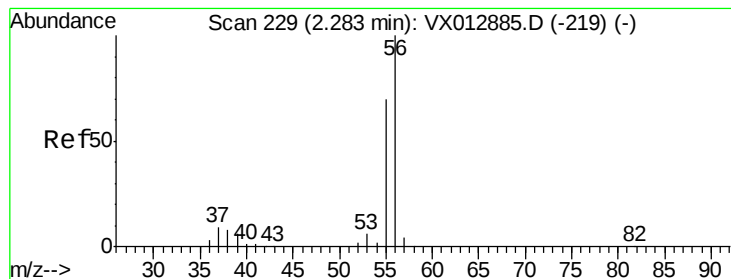


#12

1,1-Dichloroethene
 Concen: 20.054 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 96 Resp: 34949
 Ion Ratio Lower Upper
 96 100
 61 161.4 132.2 198.4
 98 63.3 50.5 75.7





#13

Acrolein

Concen: 76.610 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

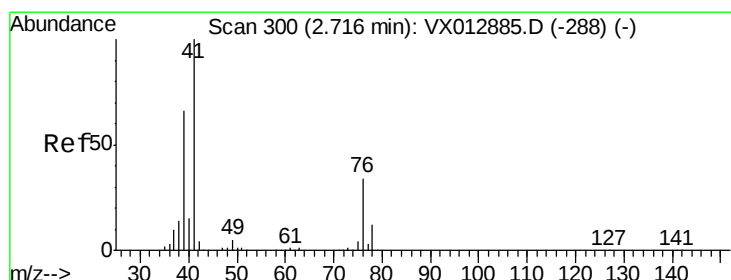
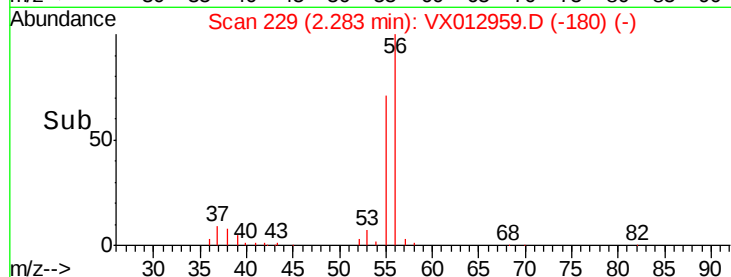
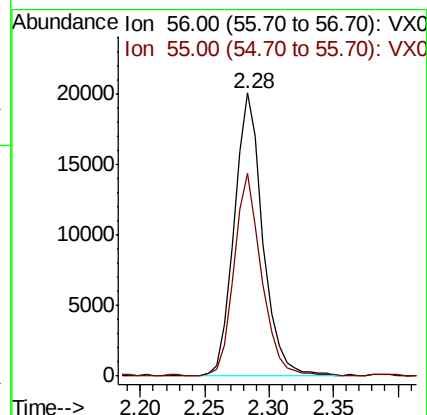
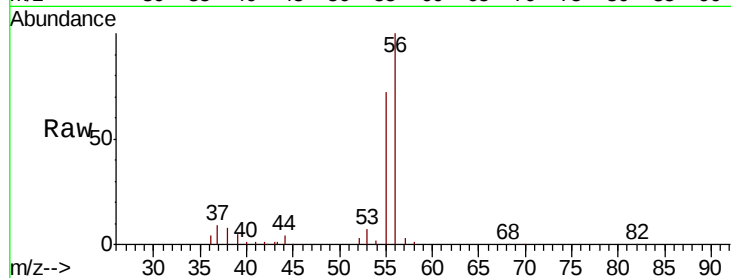
VX1009WBS02

Tot Ion: 56 Resp: 31109

Ion Ratio Lower Upper

56 100

55 69.6 56.6 85.0



#14

Allyl chloride

Concen: 20.148 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

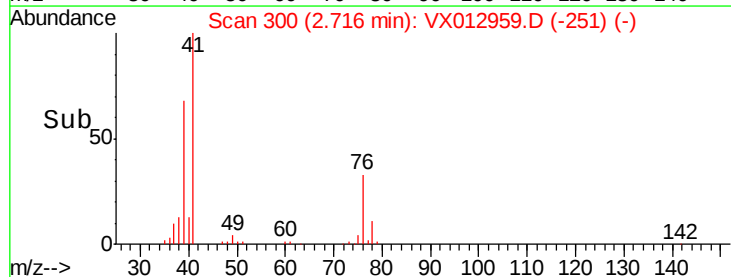
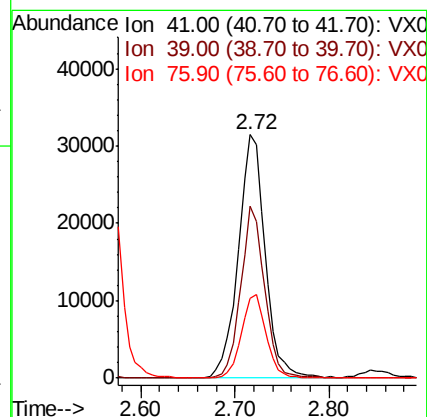
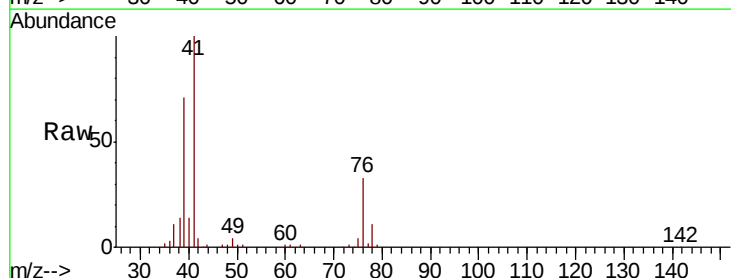
Tgt Ion: 41 Resp: 62531

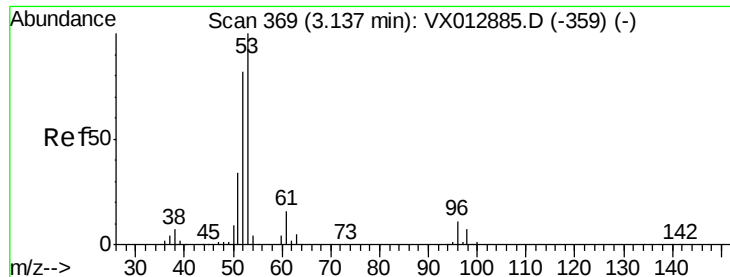
Ion Ratio Lower Upper

41 100

39 63.2 51.0 76.6

76 31.5 26.2 39.4

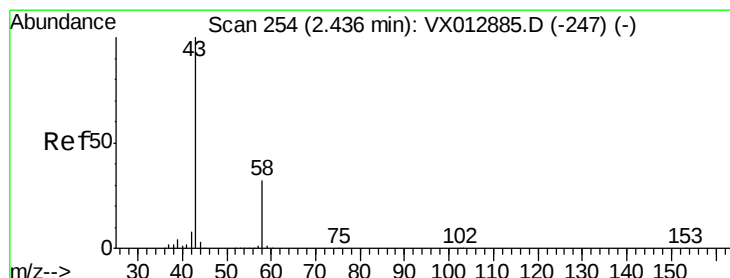
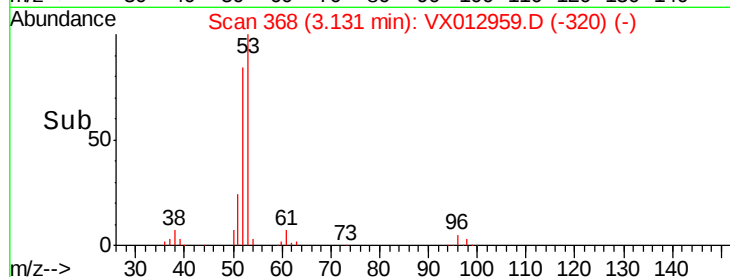
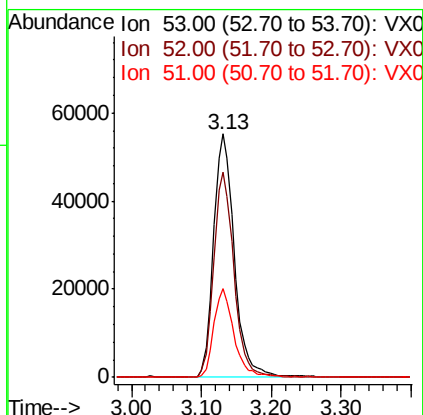
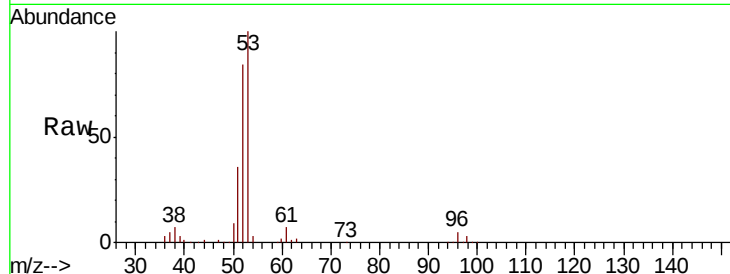




#15
 Acrylonitrile
 Concen: 105.705 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

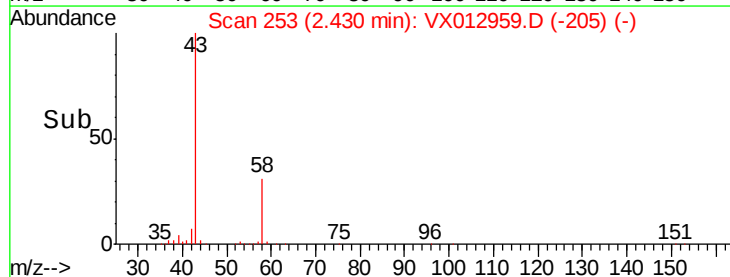
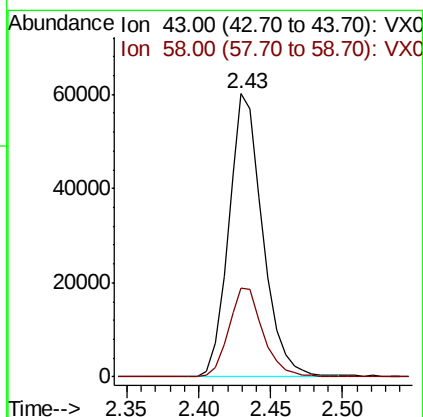
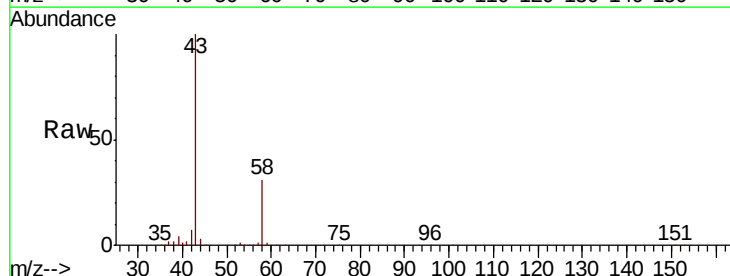
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

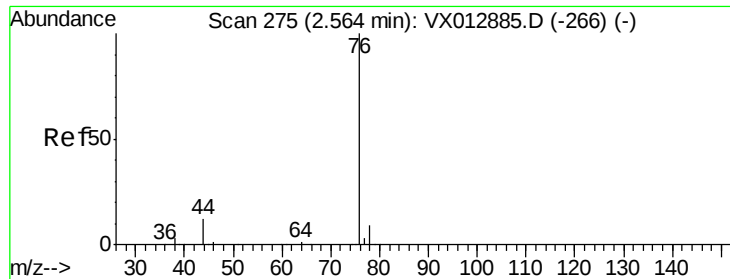
Tot Ion: 53 Resp: 114462
 Ion Ratio Lower Upper
 53 100
 52 81.8 66.2 99.2
 51 35.5 28.2 42.4



#16
 Acetone
 Concen: 86.201 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 43 Resp: 97938
 Ion Ratio Lower Upper
 43 100
 58 31.4 25.4 38.2

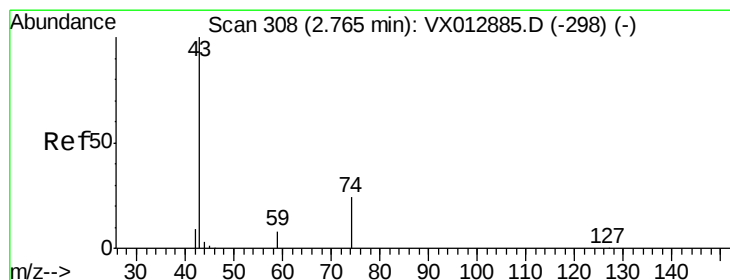
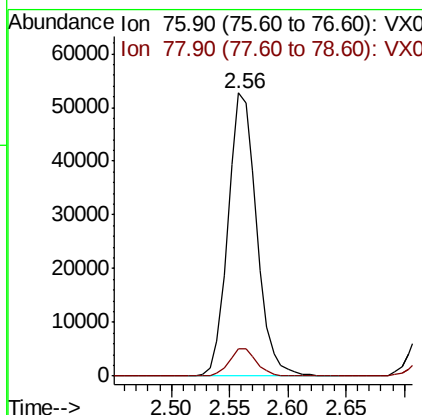
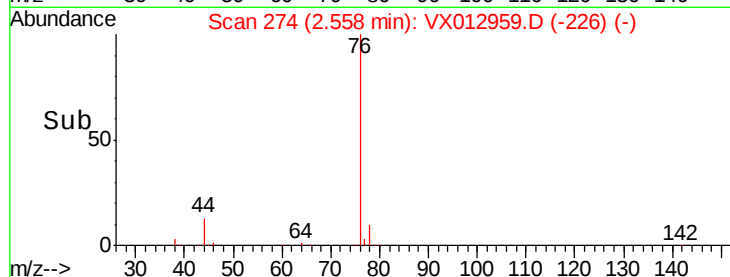
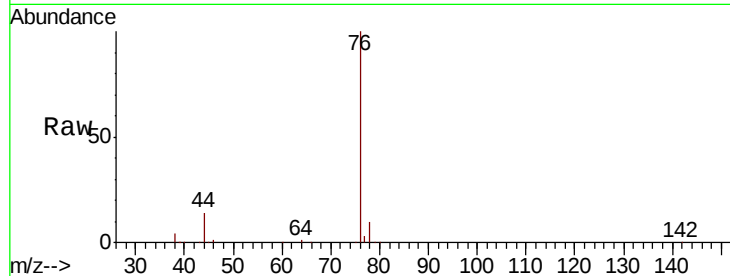




#17
Carbon Disulfide
Concen: 18.123 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

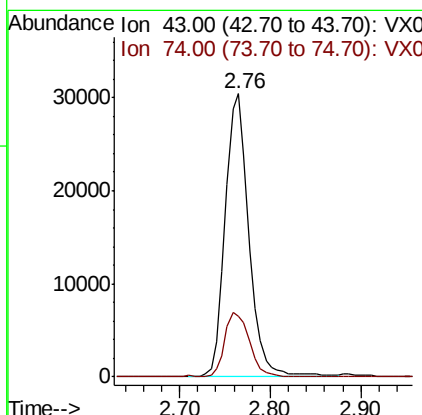
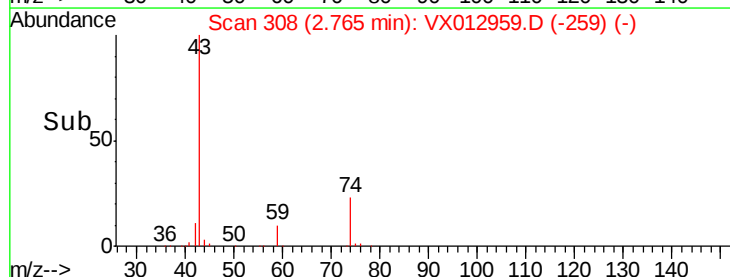
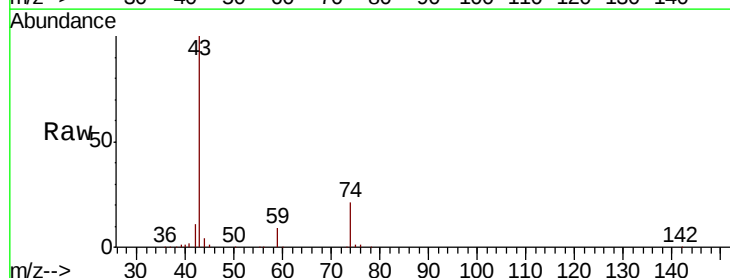
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

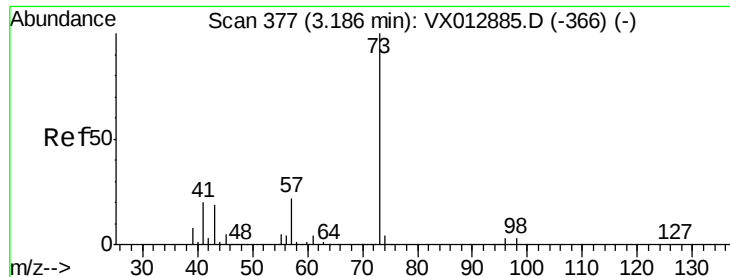
Tot Ion: 76 Resp: 90059
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 20.605 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 43 Resp: 55488
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

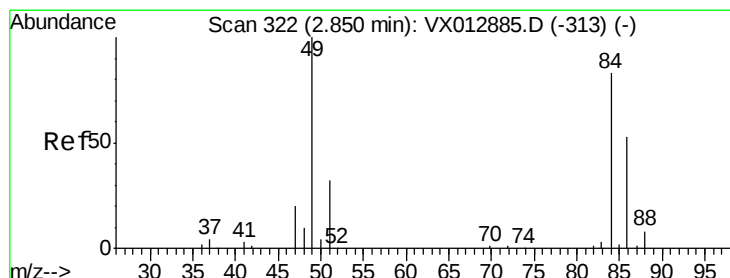
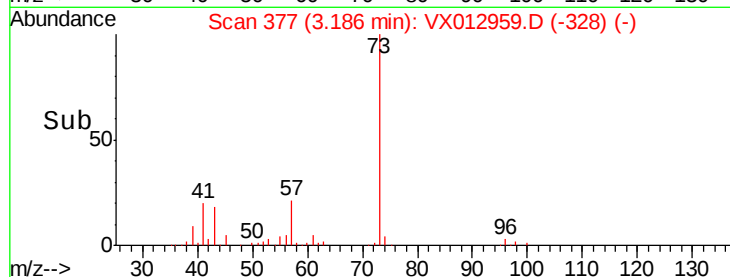
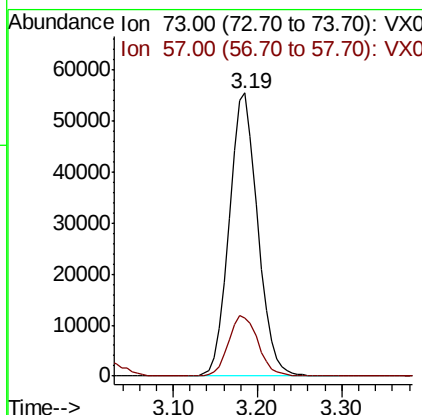
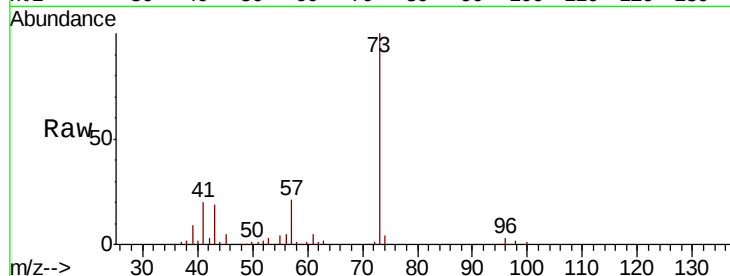




#19
Methyl tert-butyl Ether
Concen: 21.106 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

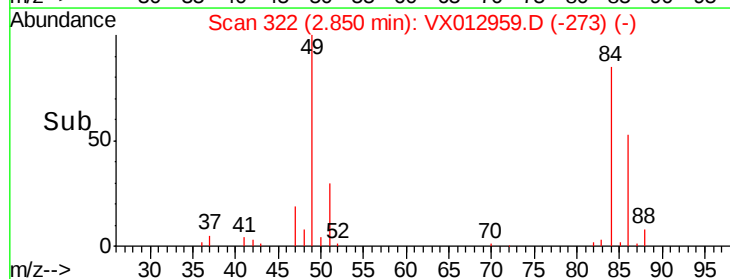
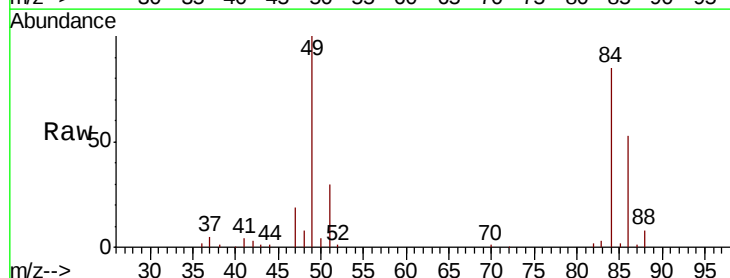
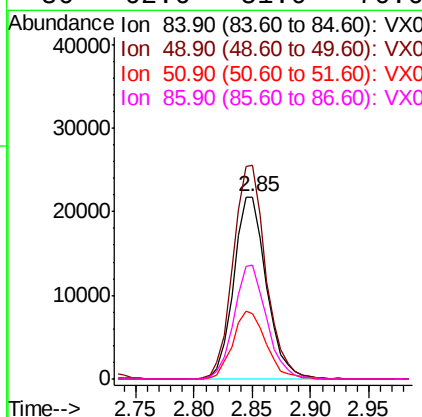
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

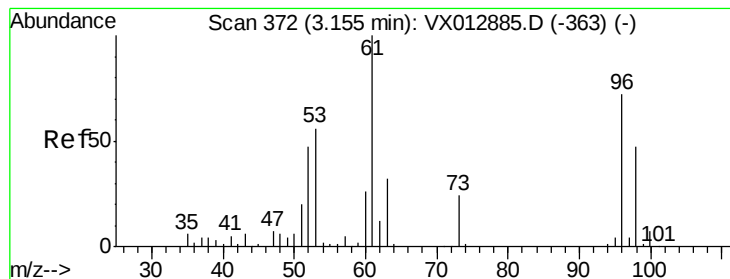
Tot Ion: 73 Resp: 127021
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6



#20
Methylene Chloride
Concen: 20.458 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 84 Resp: 42716
Ion Ratio Lower Upper
84 100
49 117.1 96.6 144.8
51 35.6 30.7 46.1
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.037 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

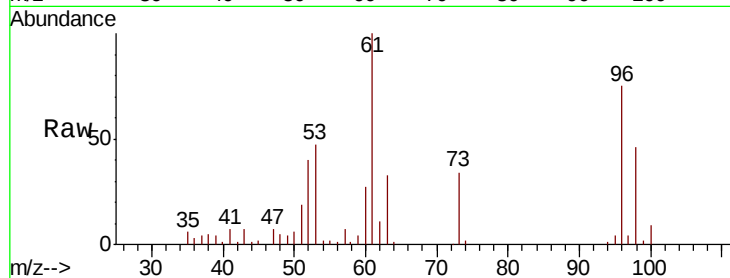
Tot Ion: 96 Resp: 39295

Ion Ratio Lower Upper

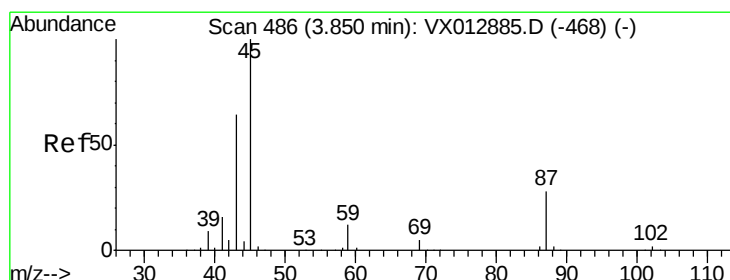
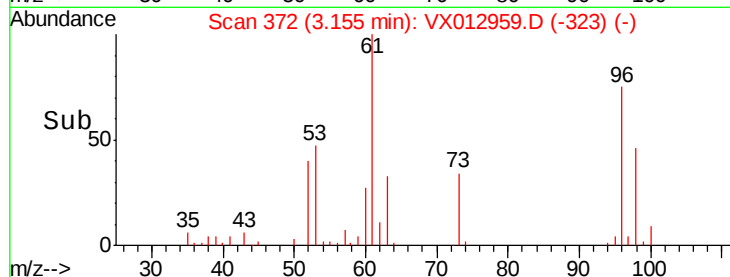
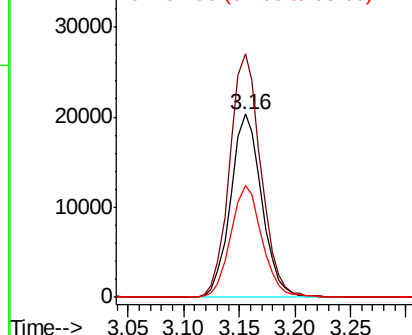
96 100

61 133.1 110.4 165.6

98 61.3 51.5 77.3



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: 21.137 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Tgt Ion: 45 Resp: 125704

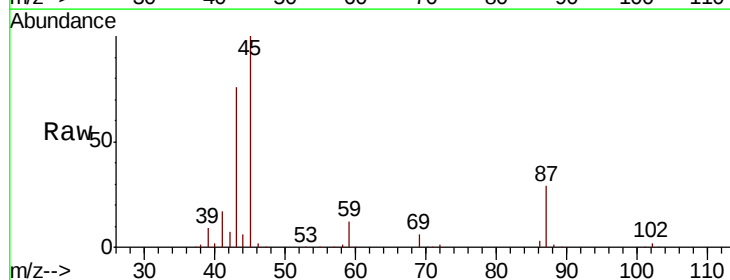
Ion Ratio Lower Upper

45 100

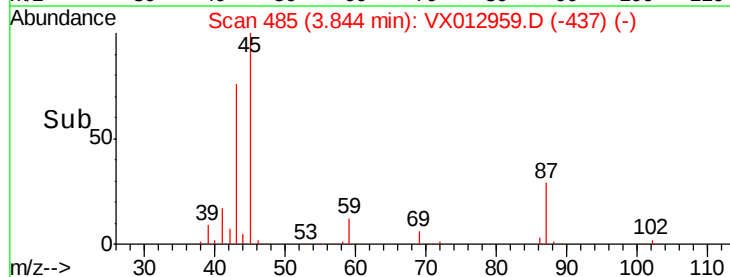
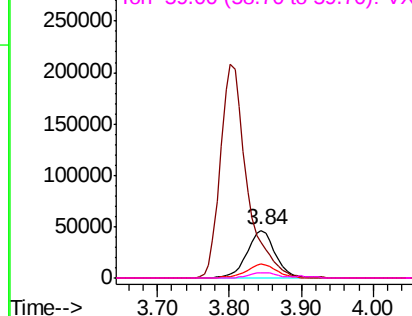
43 76.0 51.4 77.0

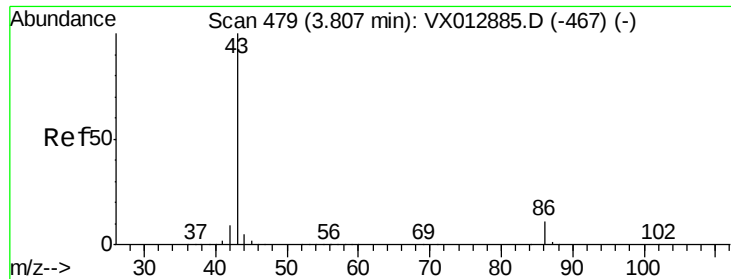
87 28.7 22.5 33.7

59 11.7 9.7 14.5



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: 104.365 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

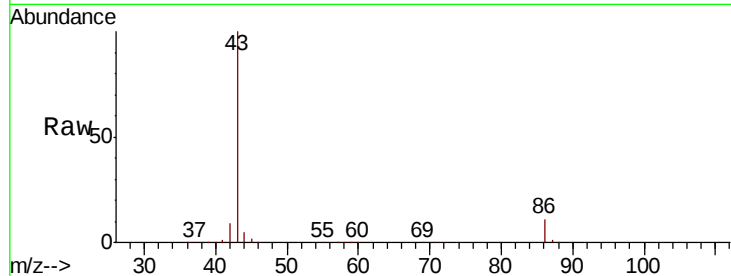
VX1009WBS02

Tot Ion: 43 Resp: 535803

Ion Ratio Lower Upper

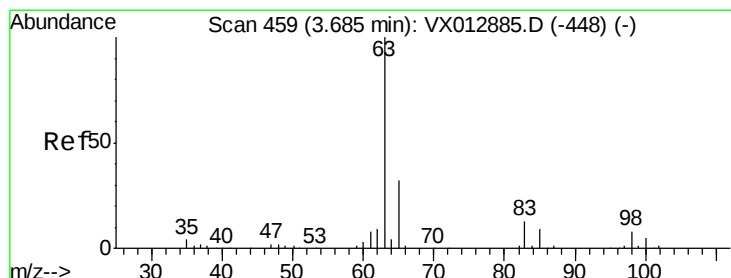
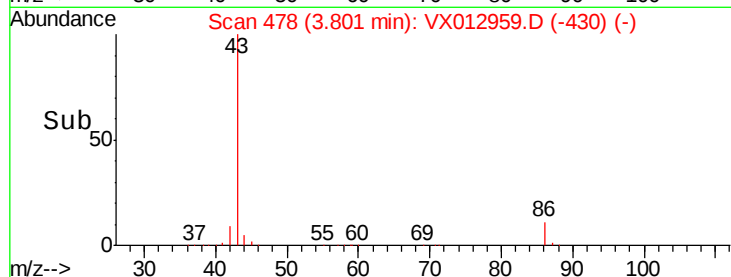
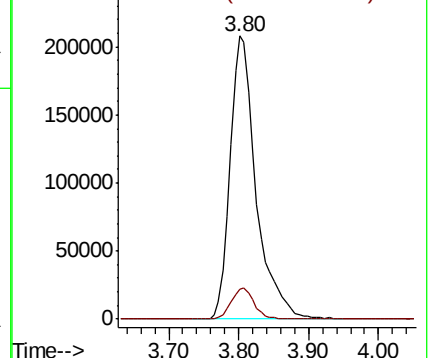
43 100

86 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.186 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

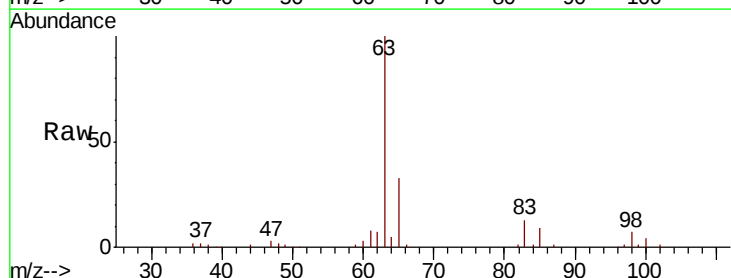
Tgt Ion: 63 Resp: 70882

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

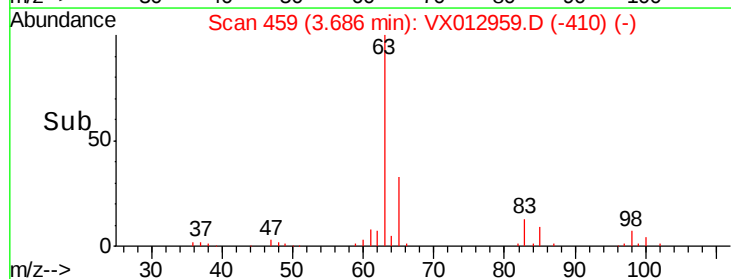
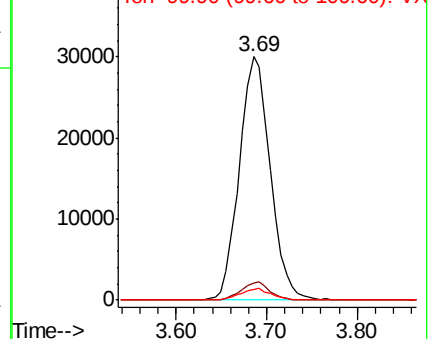
100 4.3 2.3 6.9

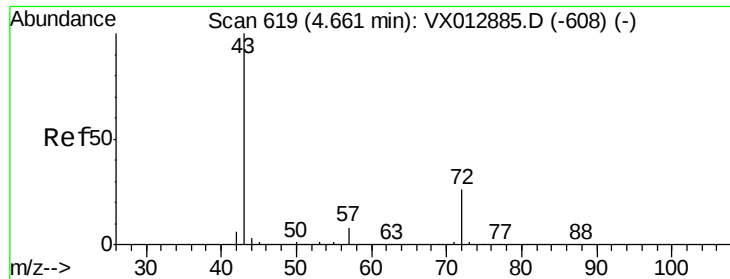


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.820 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

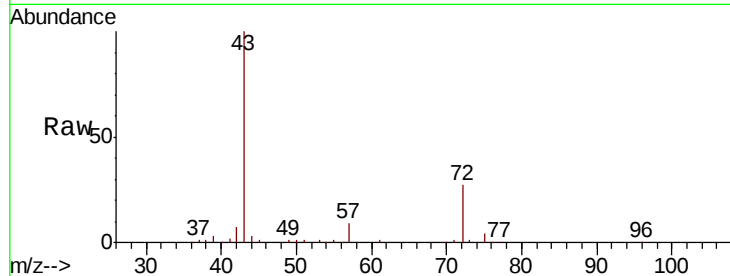
VX1009WBS02

Tot Ion: 43 Resp: 155765

Ion Ratio Lower Upper

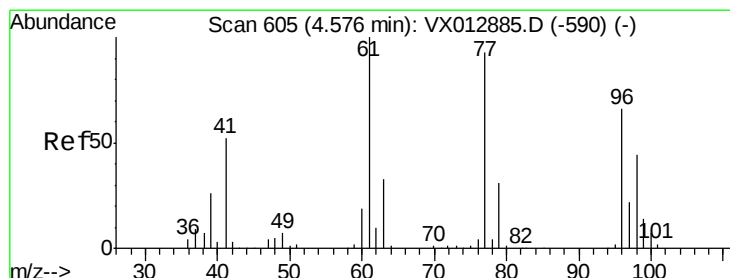
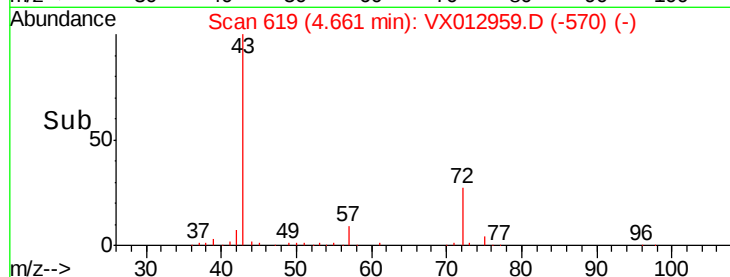
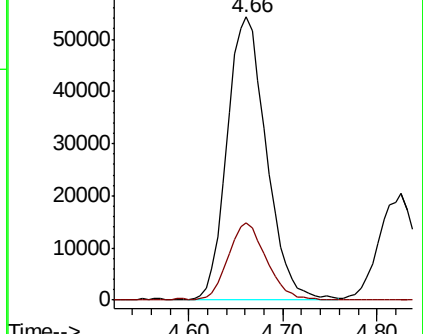
43 100

72 27.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.223 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012959.D

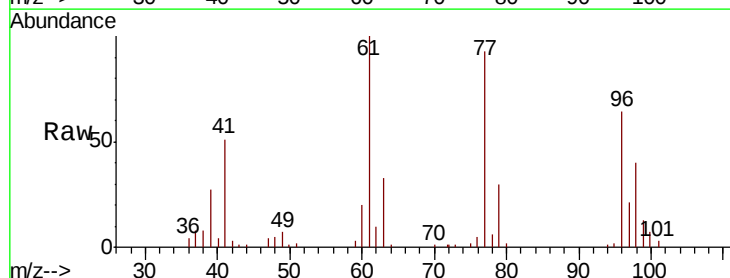
Acq: 09 Oct 2019 22:21

Tgt Ion: 77 Resp: 48456

Ion Ratio Lower Upper

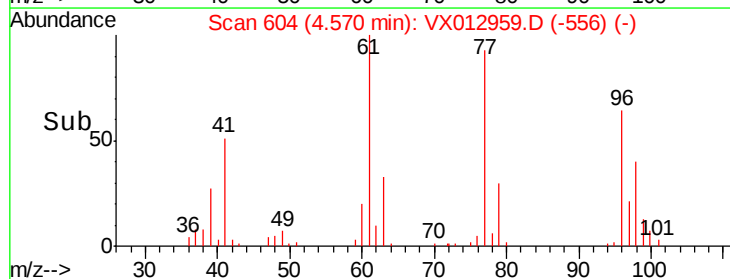
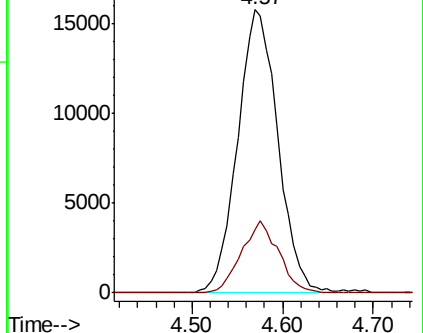
77 100

97 23.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



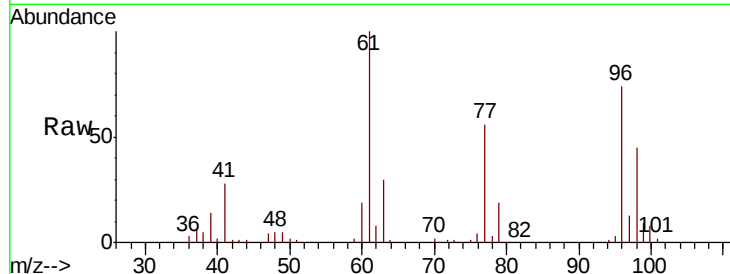


#27

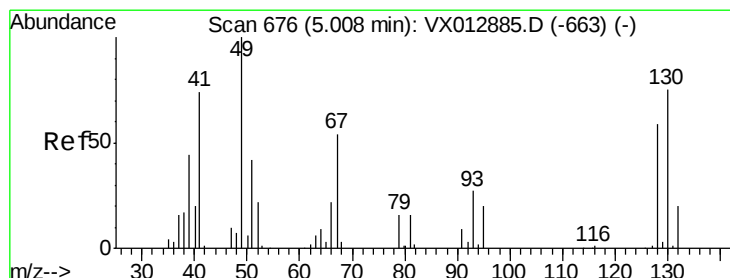
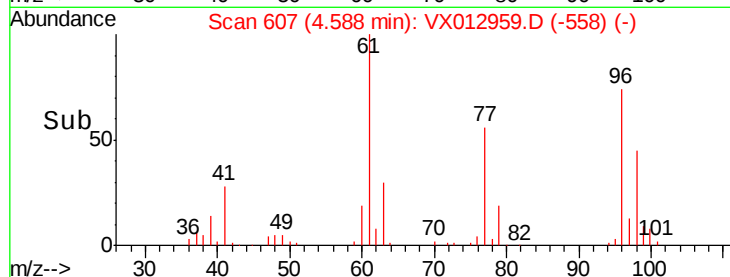
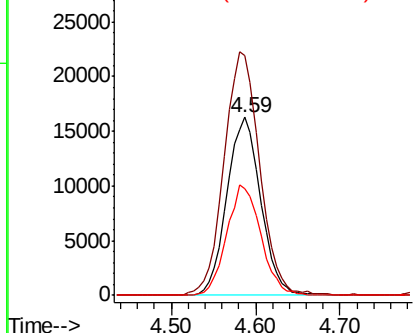
cis-1,2-Dichloroethene
Concen: 20.613 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 96 Resp: 44382
Ion Ratio Lower Upper
96 100
61 144.6 0.0 290.6
98 62.6 0.0 128.8



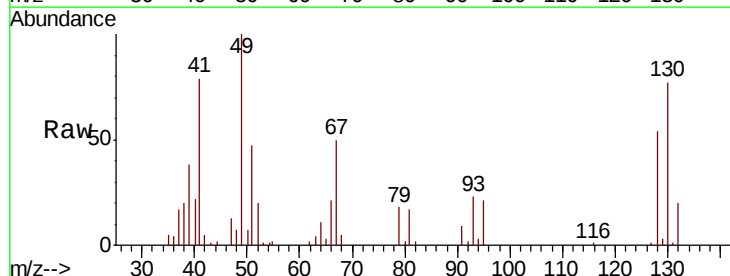
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



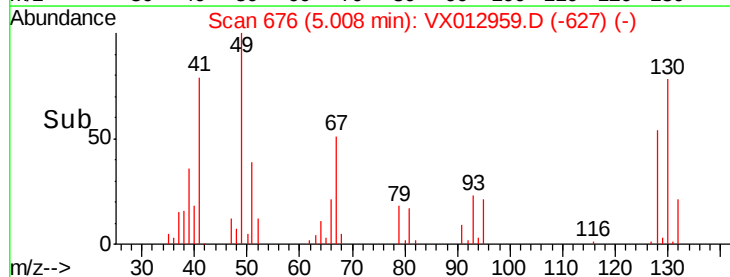
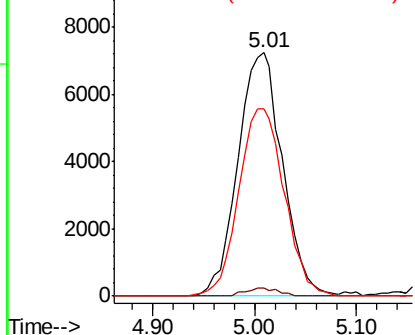
#28

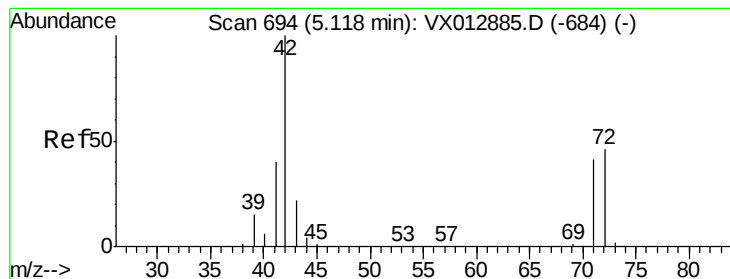
Bromochloromethane
Concen: 21.696 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 49 Resp: 21946
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 78.8 62.1 93.1



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: 103.040 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

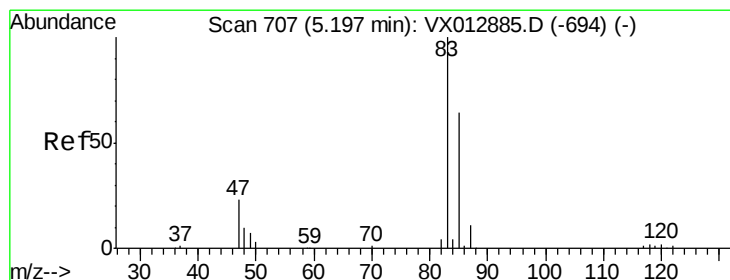
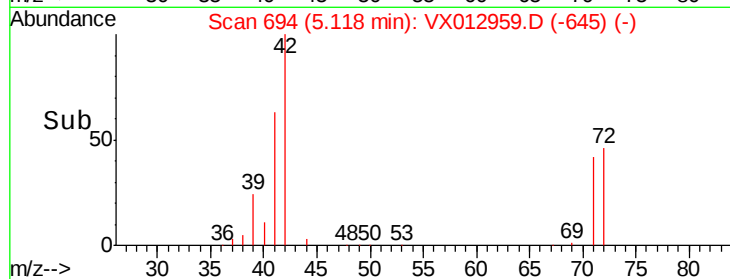
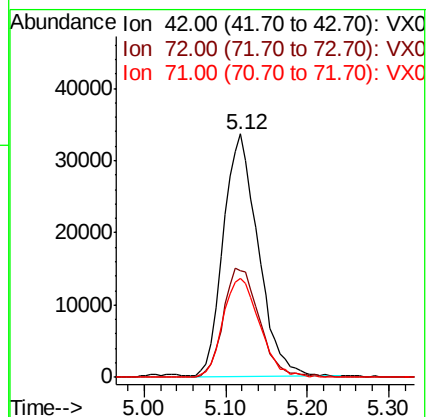
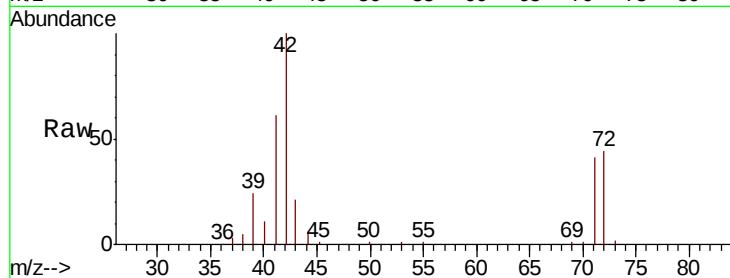
Tot Ion: 42 Resp: 99946

Ion Ratio Lower Upper

42 100

72 46.5 36.9 55.3

71 42.7 33.5 50.3



#30

Chloroform

Concen: 20.670 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX012959.D

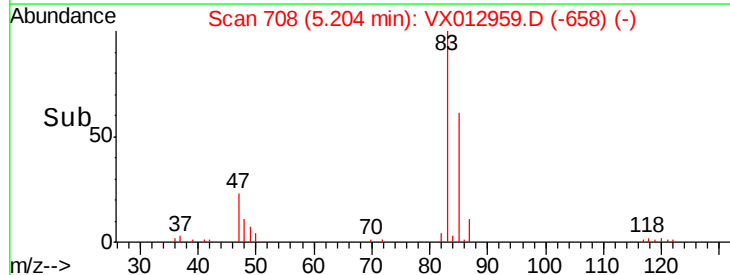
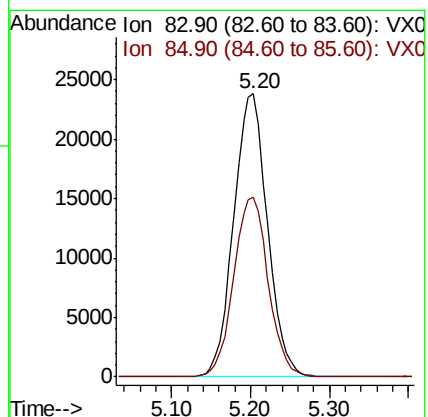
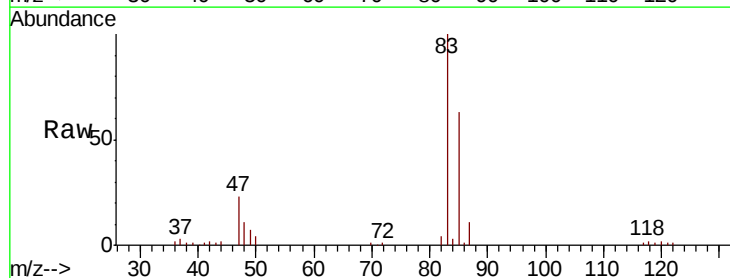
Acq: 09 Oct 2019 22:21

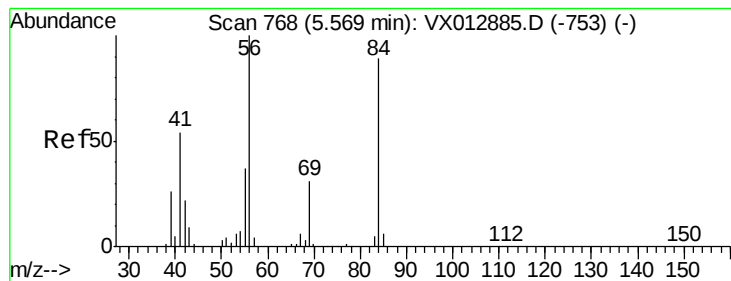
Tgt Ion: 83 Resp: 70958

Ion Ratio Lower Upper

83 100

85 63.5 51.5 77.3





#31

Cyclohexane

Concen: 20.004 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

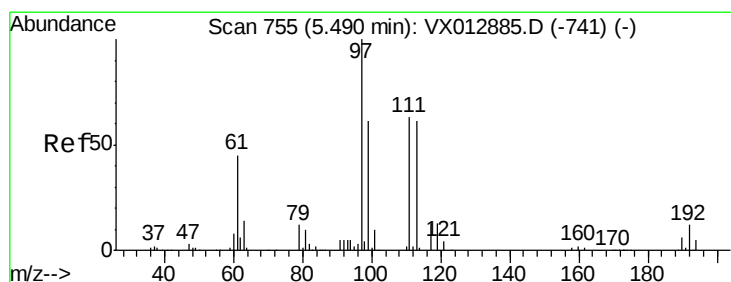
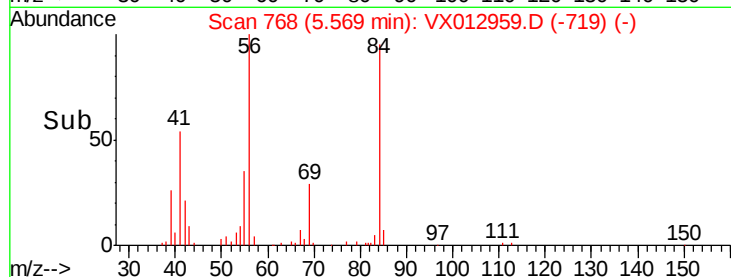
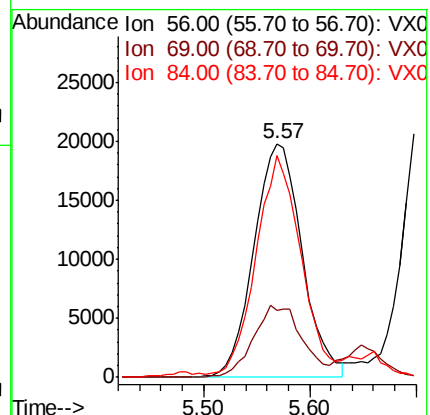
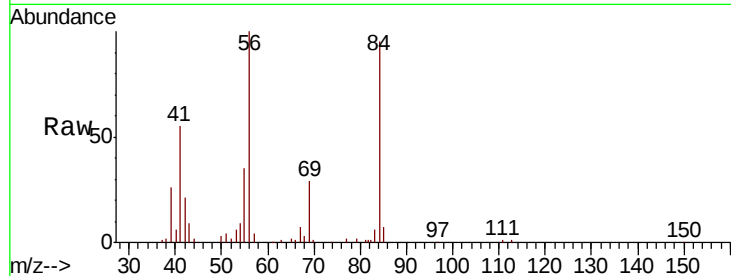
Tot Ion: 56 Resp: 62582

Ion Ratio Lower Upper

56 100

69 28.8 25.2 37.8

84 93.5 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 20.886 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

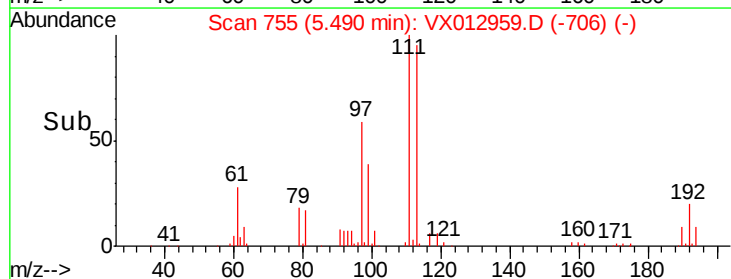
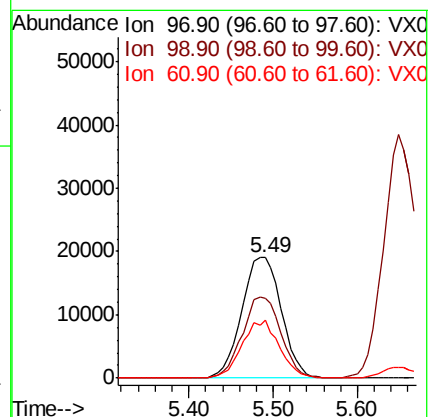
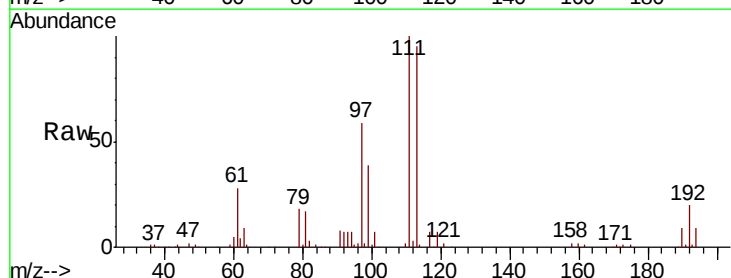
Tgt Ion: 97 Resp: 60752

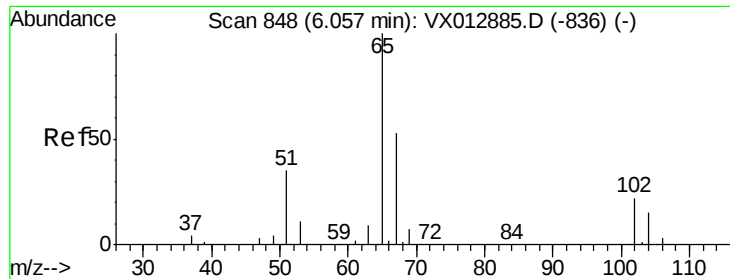
Ion Ratio Lower Upper

97 100

99 65.2 52.3 78.5

61 45.2 35.0 52.4

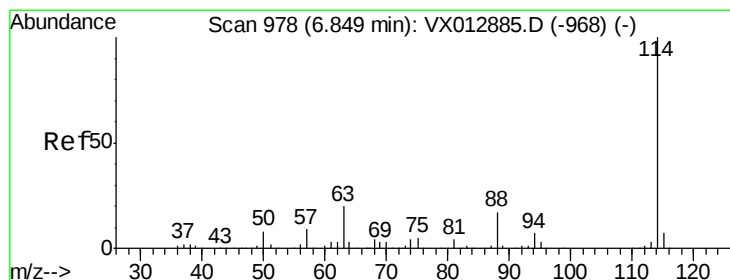
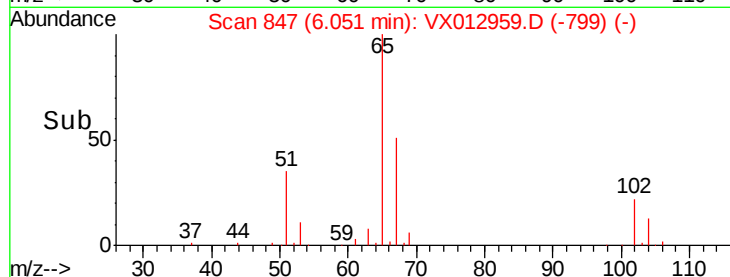
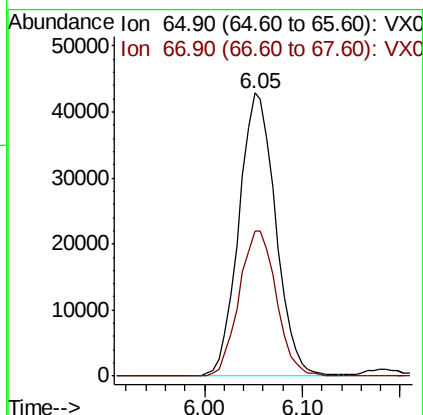
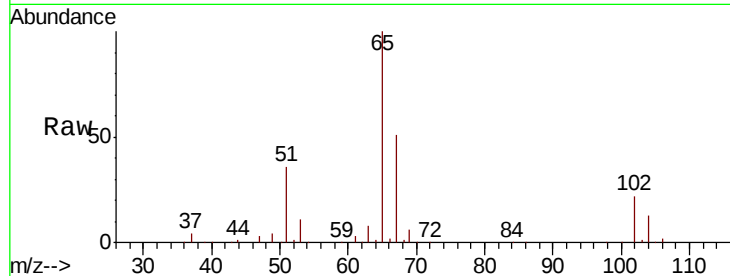




#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

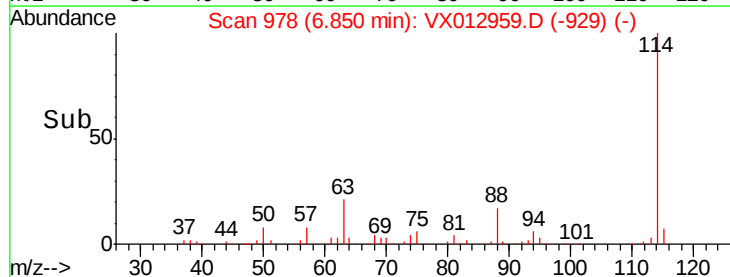
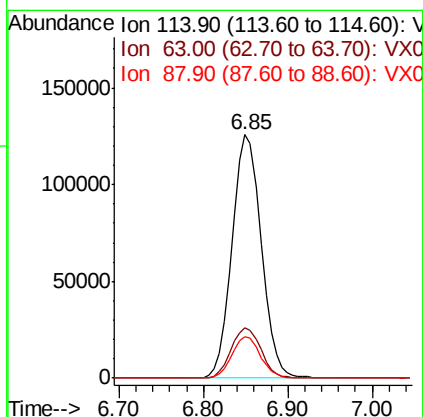
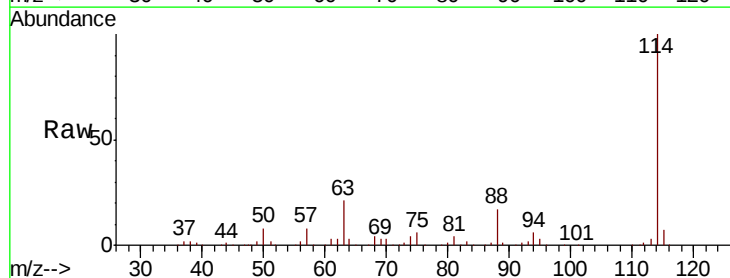
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

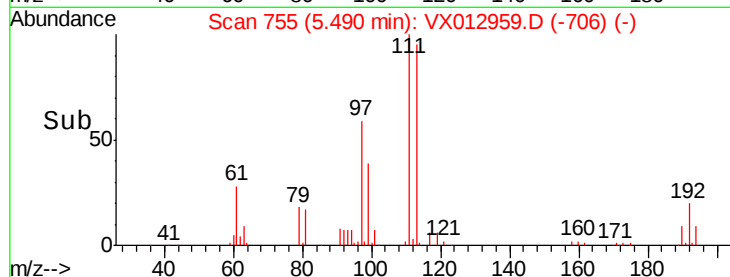
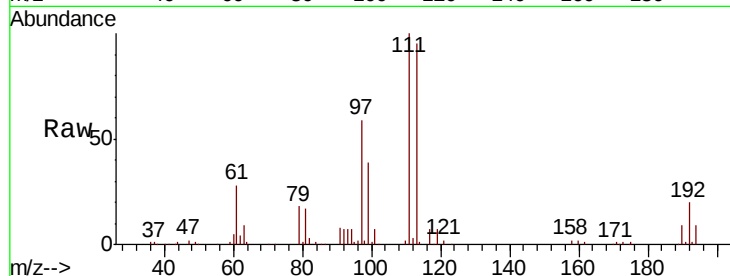
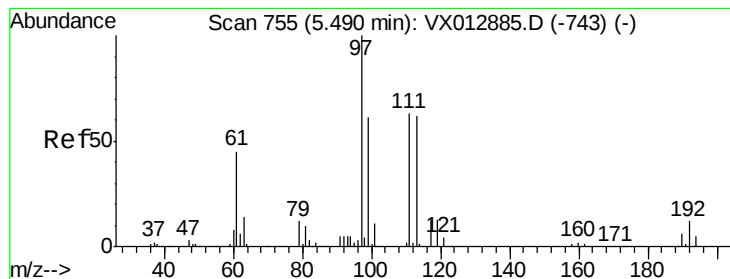
Tot Ion: 65 Resp: 112040
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 114 Resp: 296072
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.344 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

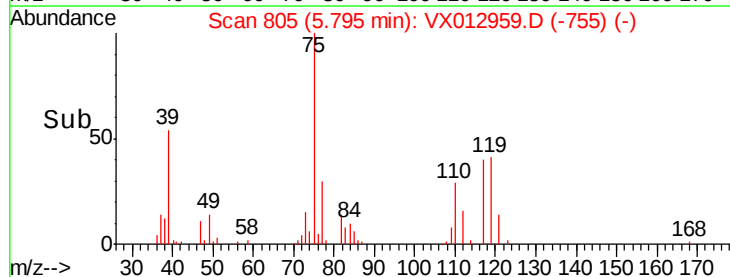
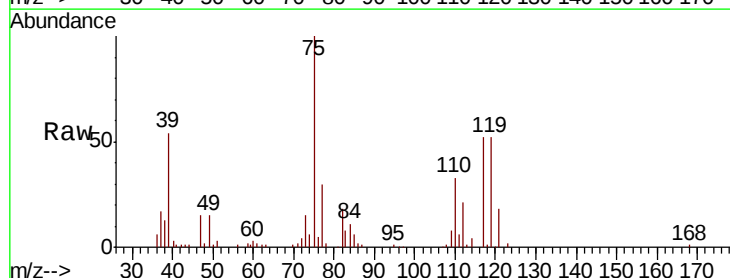
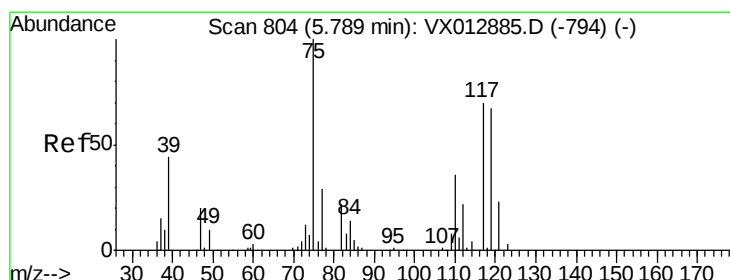
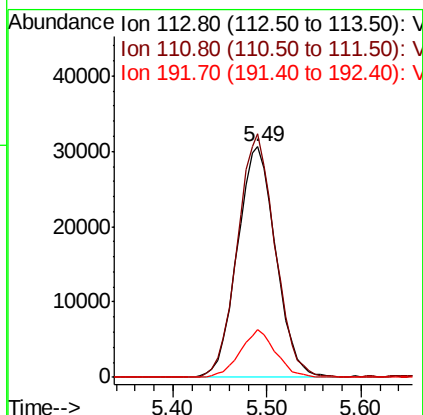
Tot Ion:113 Resp: 87249

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

192 19.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 20.114 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

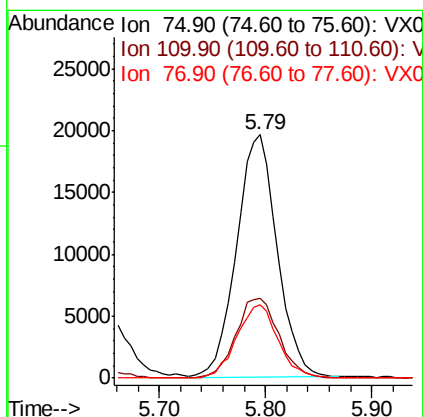
Tgt Ion: 75 Resp: 52358

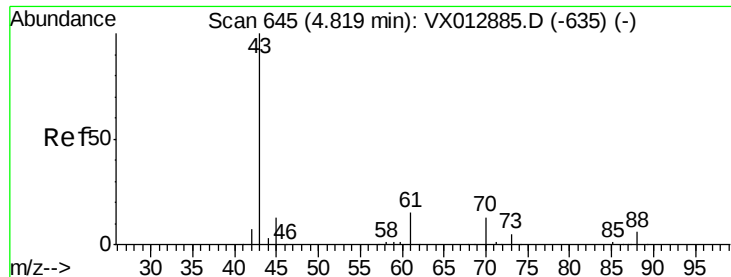
Ion Ratio Lower Upper

75 100

110 34.8 17.6 52.9

77 30.8 24.4 36.6

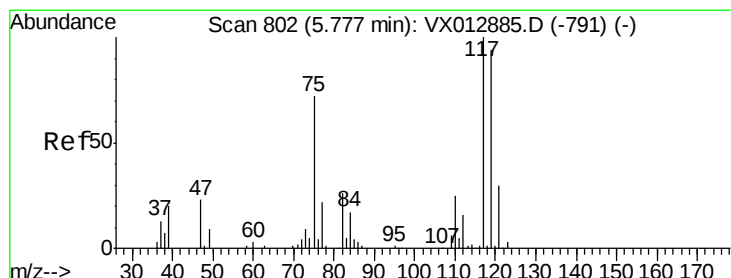
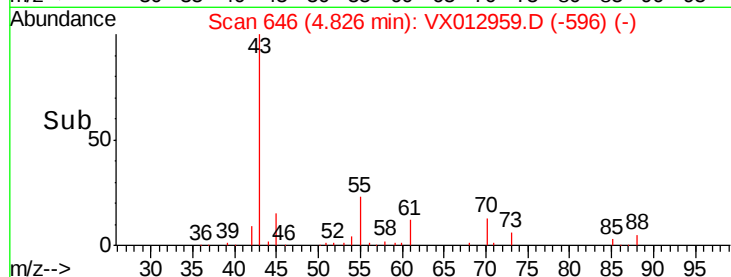
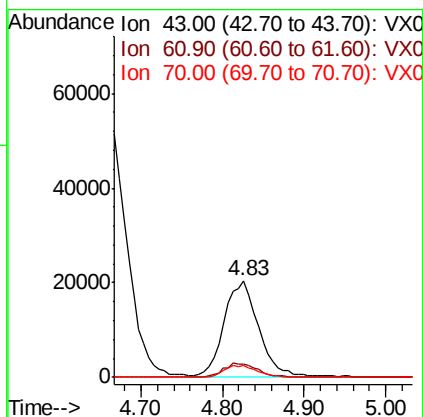
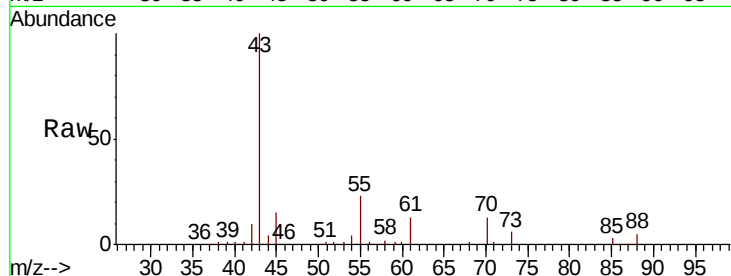




#37
Ethyl Acetate
Concen: 20.120 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

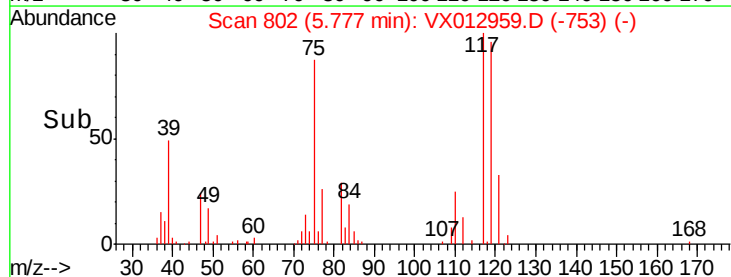
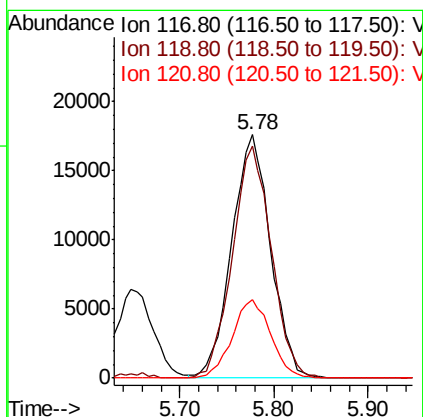
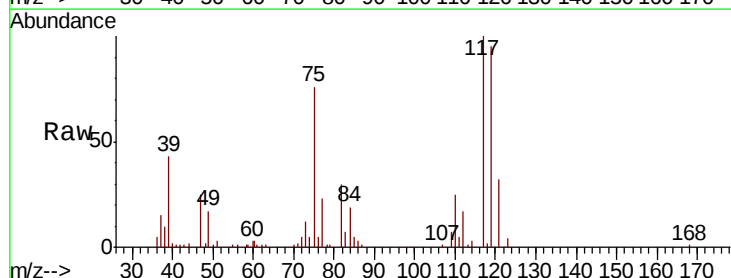
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

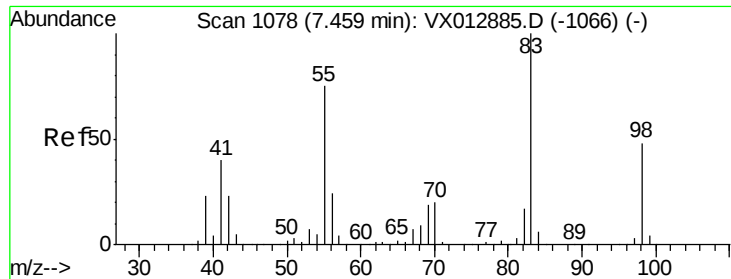
Tot Ion: 43 Resp: 58563
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 12.4 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.988 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 117 Resp: 50643
Ion Ratio Lower Upper
117 100
119 95.4 74.5 111.7
121 32.2 24.2 36.4

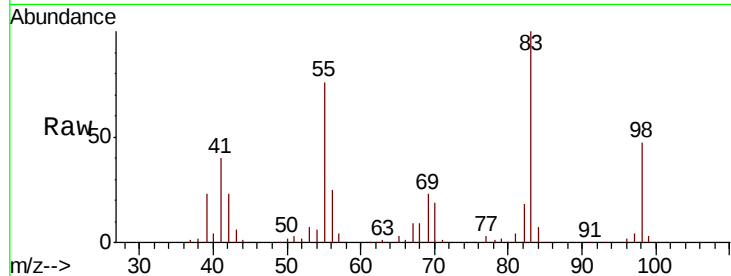




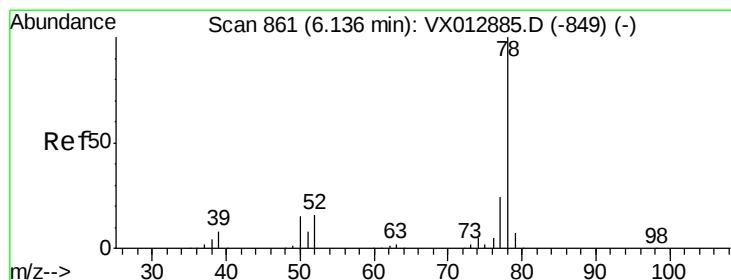
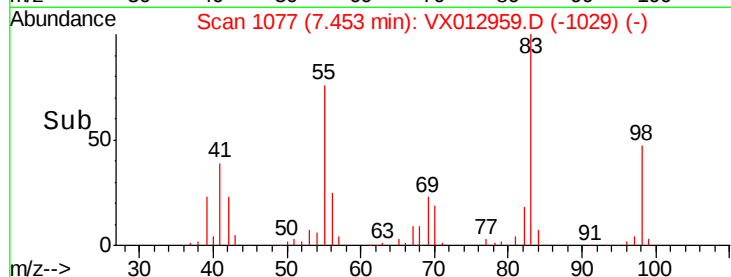
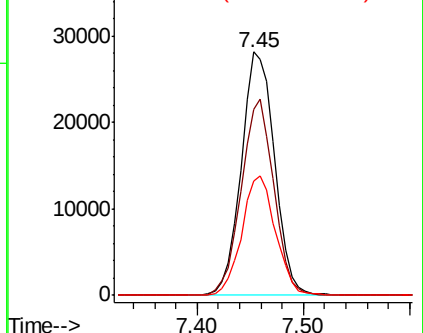
#39
Methvlcvclohexane
Concen: 19.626 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 83 Resp: 61956
Ion Ratio Lower Upper
83 100
55 76.3 60.2 90.4
98 47.0 38.5 57.7

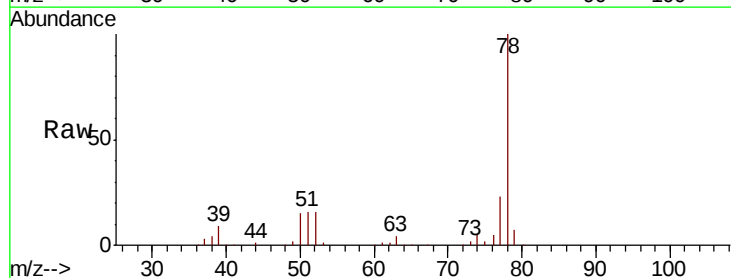


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

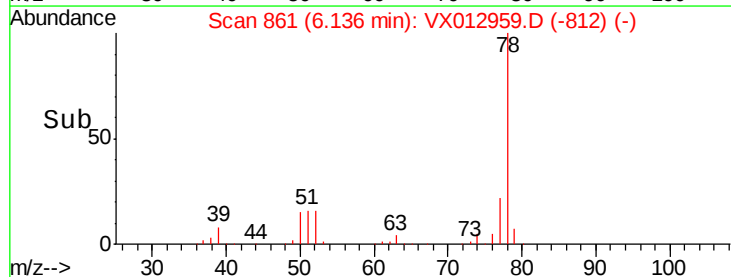
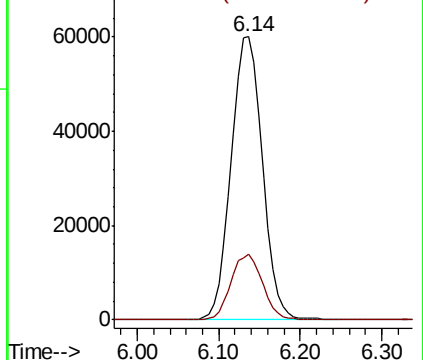


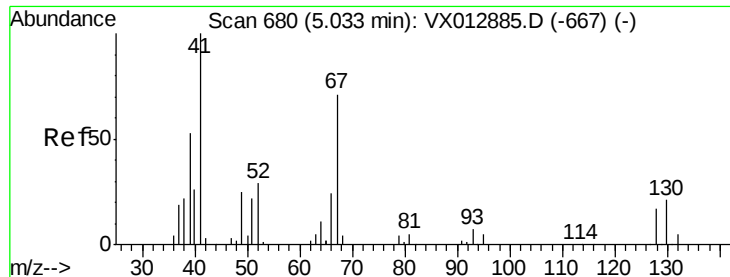
#40
Benzene
Concen: 20.762 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 78 Resp: 159626
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 20.045 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 41 Resp: 32061

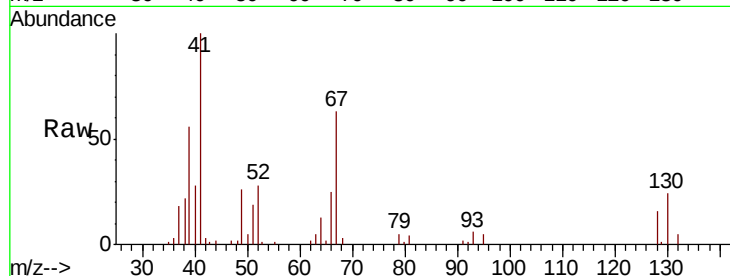
Ion Ratio Lower Upper

41 100

39 56.4 44.0 66.0

67 73.6 58.5 87.7

52 29.6 23.8 35.8



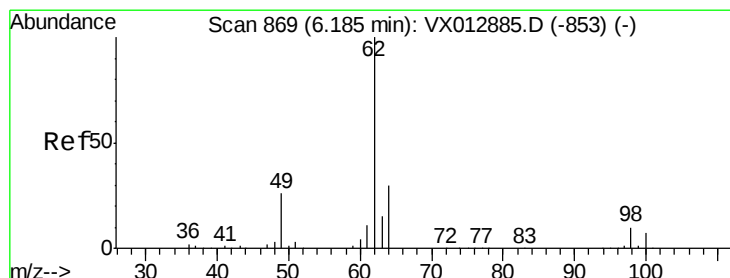
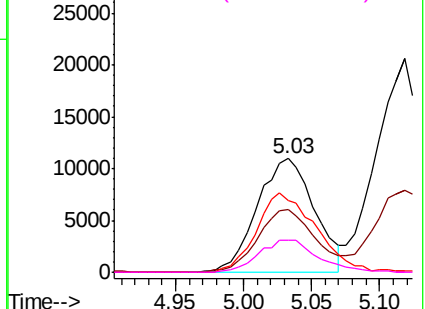
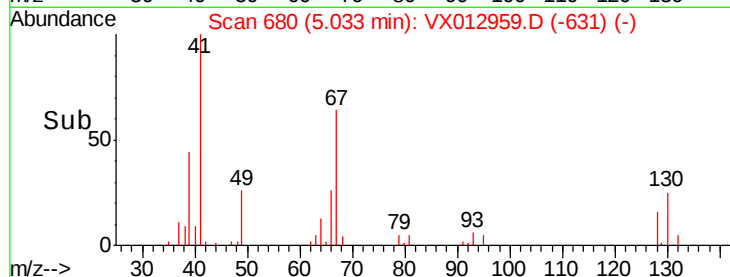
Abundance

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: 21.023 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012959.D

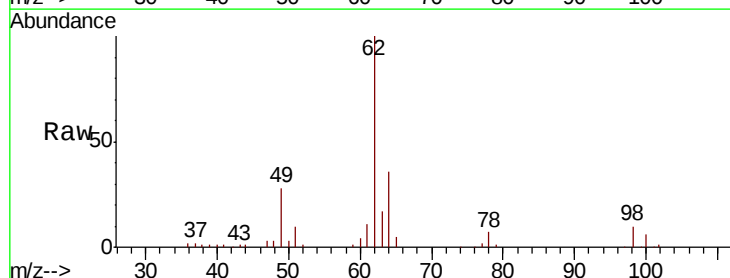
Acq: 09 Oct 2019 22:21

Tgt Ion: 62 Resp: 57997

Ion Ratio Lower Upper

62 100

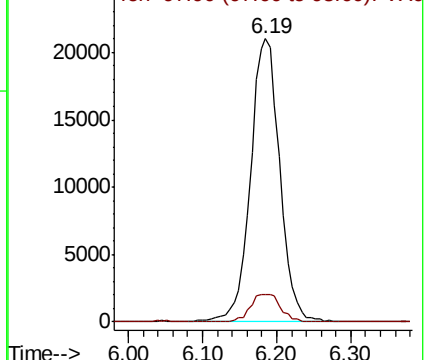
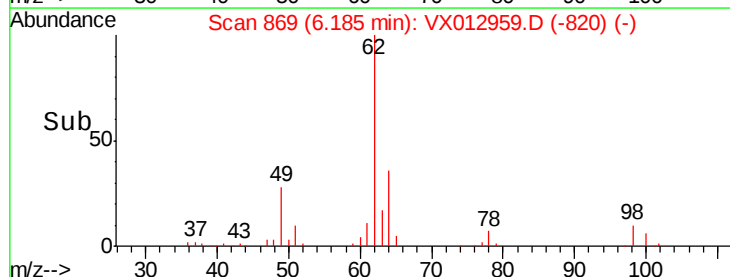
98 10.0 0.0 20.4

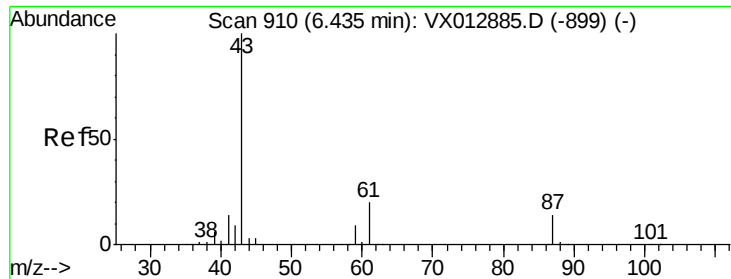


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



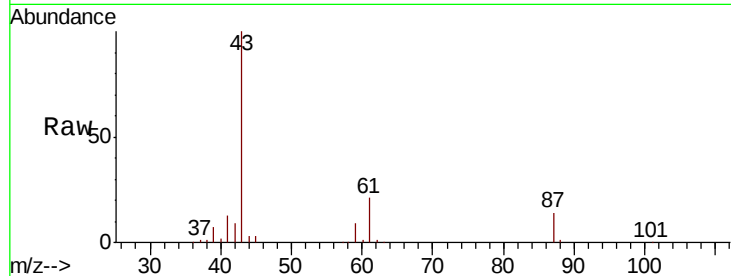


#43

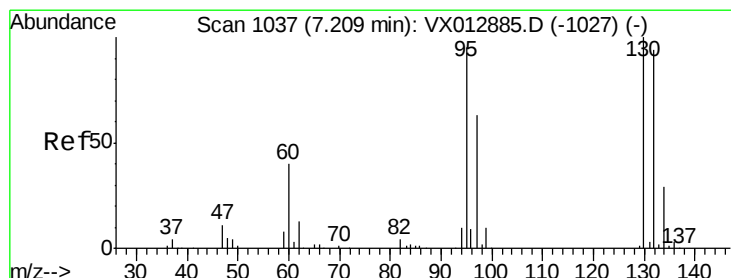
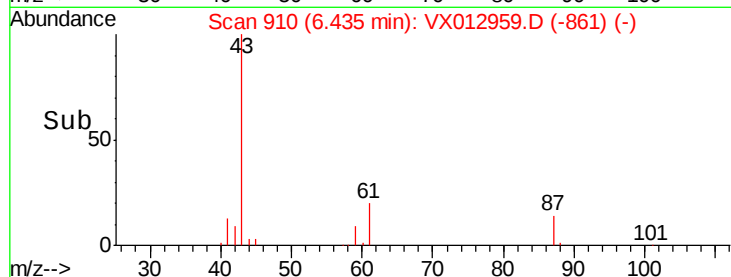
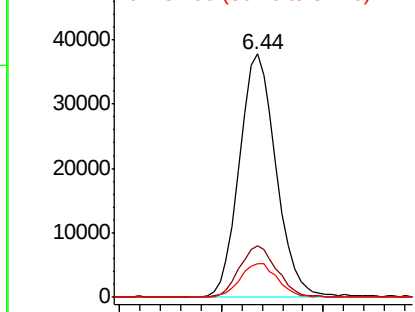
Isopropyl Acetate
 Concen: 20.268 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 43 Resp: 94687
 Ion Ratio Lower Upper
 43 100
 61 21.5 16.6 24.8
 87 14.2 11.0 16.6



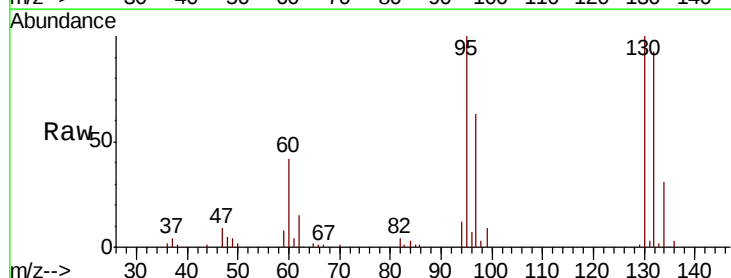
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



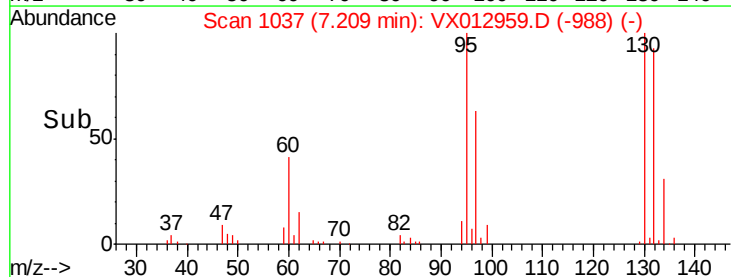
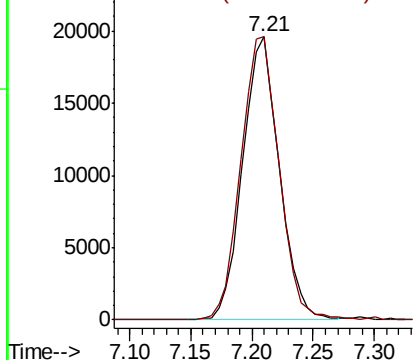
#44

Trichloroethene
 Concen: 19.224 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 130 Resp: 40984
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 189.2



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





#45

1,2-Dichloropropane

Concen: 21.047 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

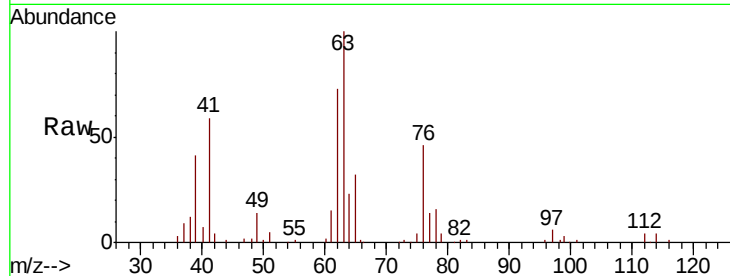
VX1009WBS02

Tot Ion: 63 Resp: 41241

Ion Ratio Lower Upper

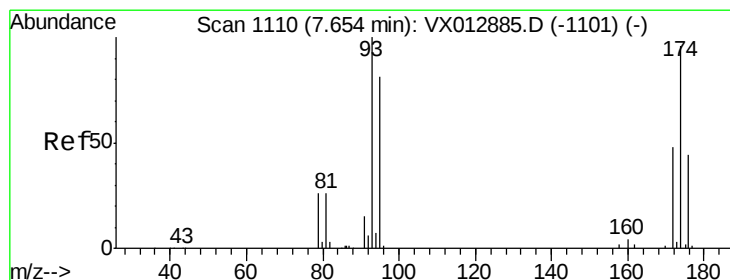
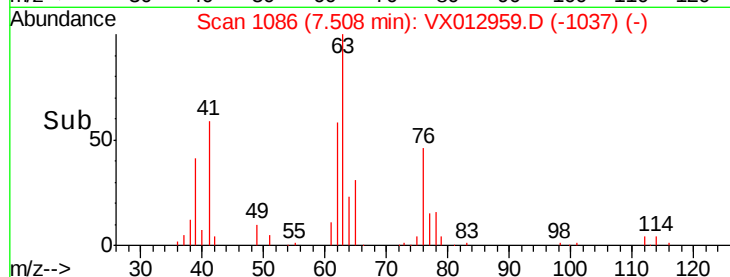
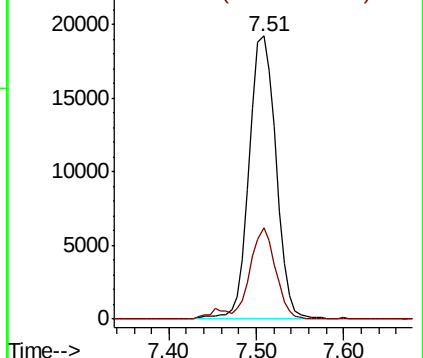
63 100

65 32.2 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.812 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

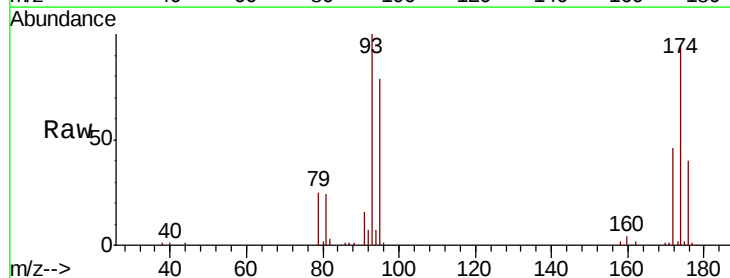
Tgt Ion: 93 Resp: 27170

Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

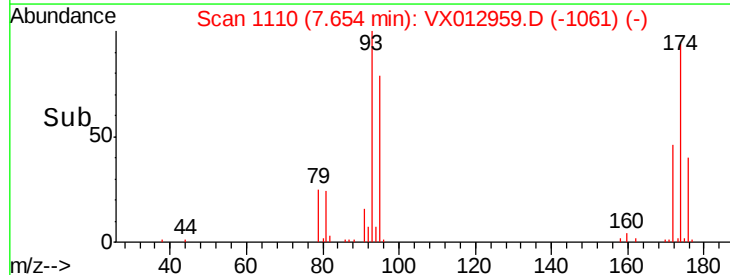
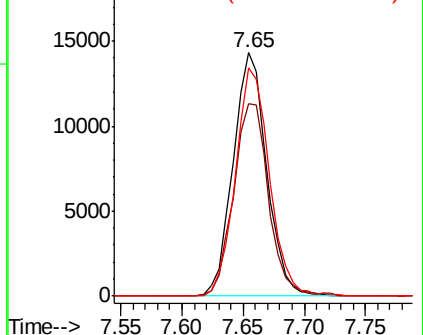
174 95.2 77.8 116.6



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: 20.180 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

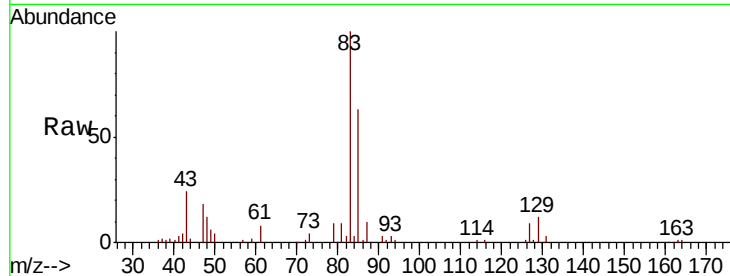
Tot Ion: 83 Resp: 51414

Ion Ratio Lower Upper

83 100

85 62.9 52.4 78.6

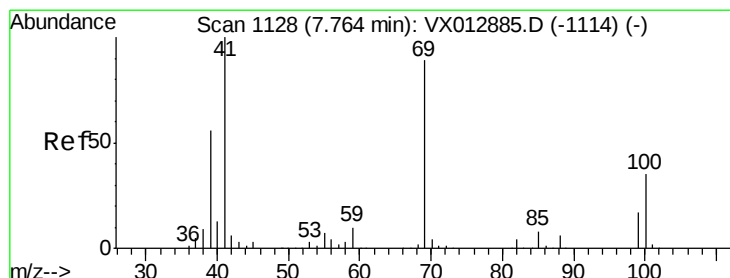
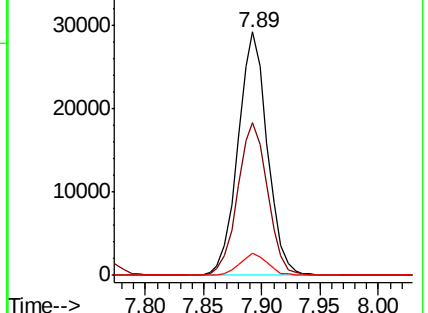
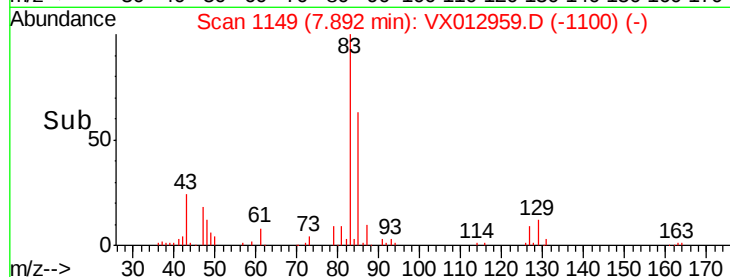
127 8.9 6.6 10.0



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: 20.144 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

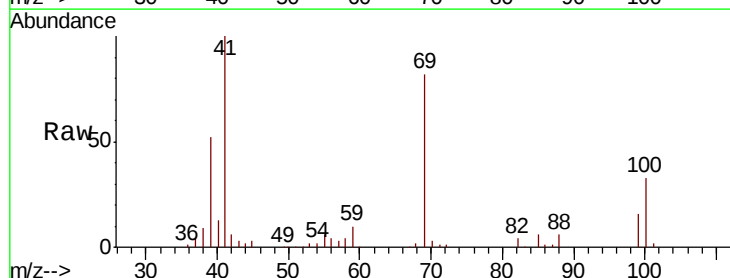
Tgt Ion: 41 Resp: 45861

Ion Ratio Lower Upper

41 100

69 83.0 68.7 103.1

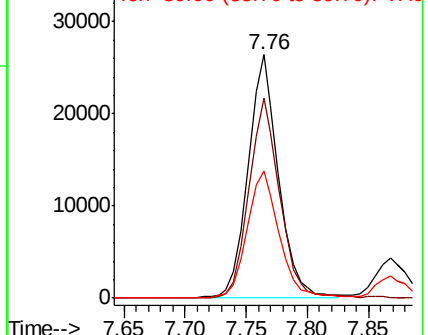
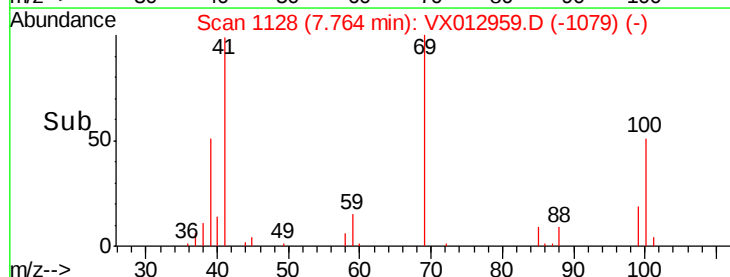
39 54.6 44.3 66.5

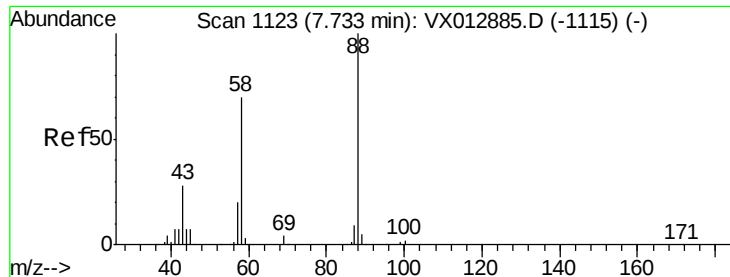


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 399.319 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

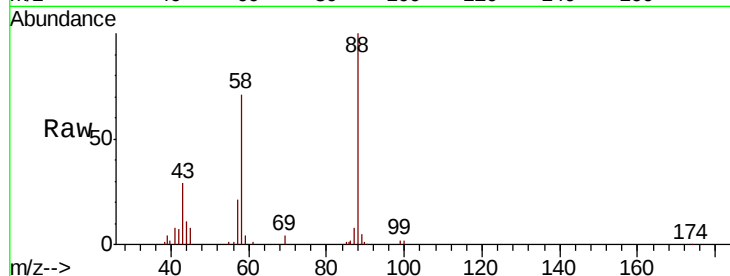
Tot Ion: 88 Resp: 23062

Ion Ratio Lower Upper

88 100

43 32.4 25.0 37.6

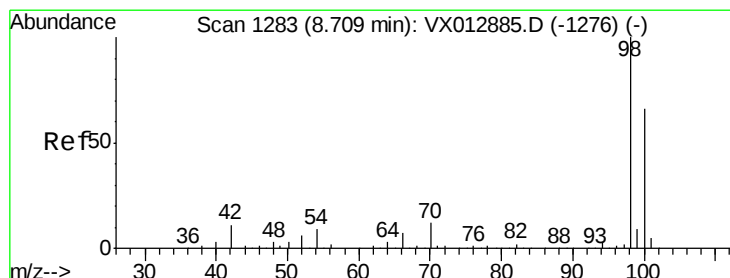
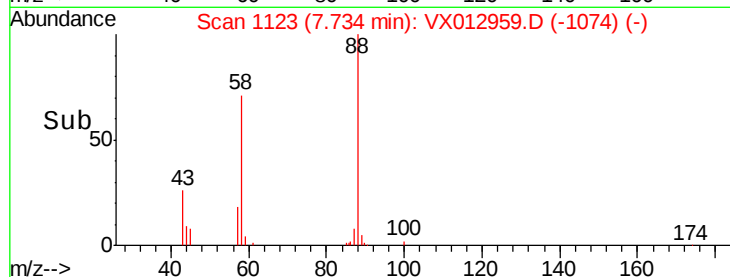
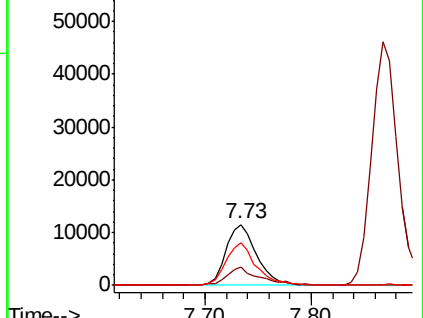
58 69.0 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.541 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012959.D

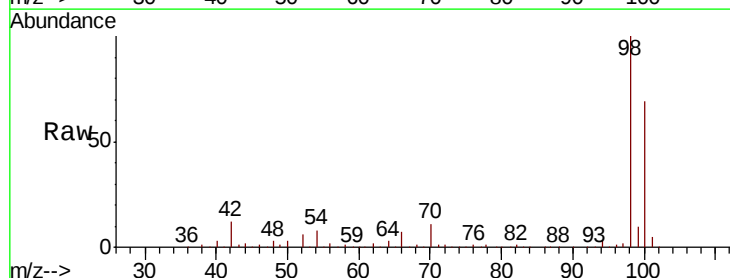
Acq: 09 Oct 2019 22:21

Tgt Ion: 98 Resp: 334972

Ion Ratio Lower Upper

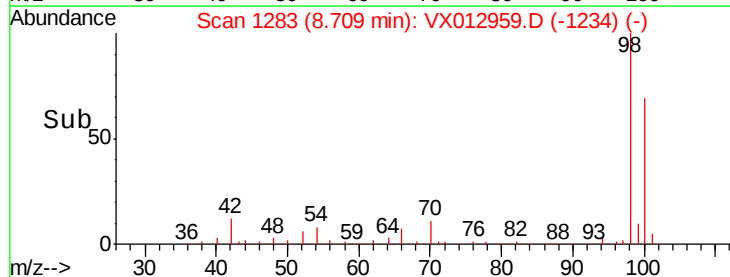
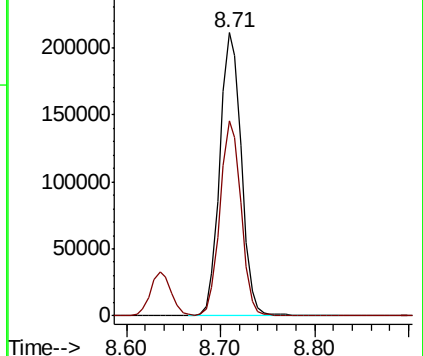
98 100

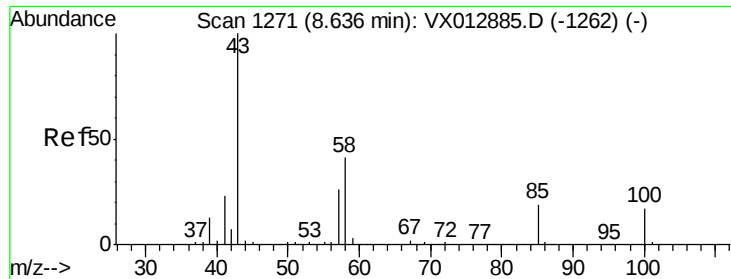
100 67.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

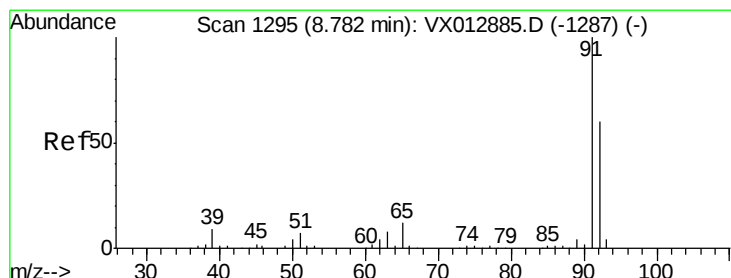
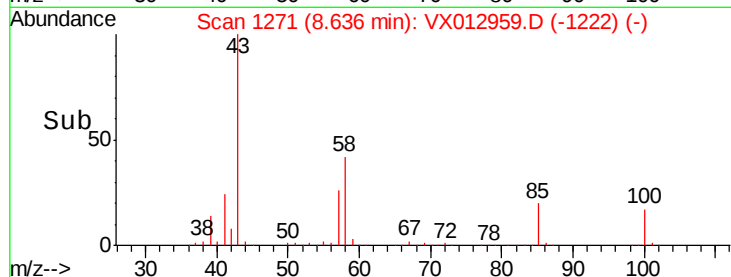
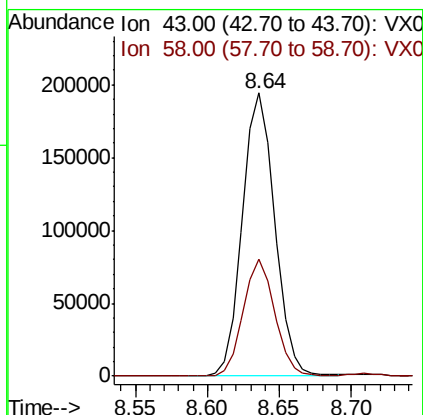
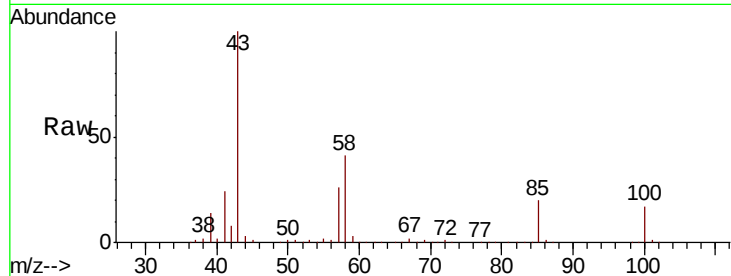




#51
4-Methyl-2-Pentanone
Concen: 103.984 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

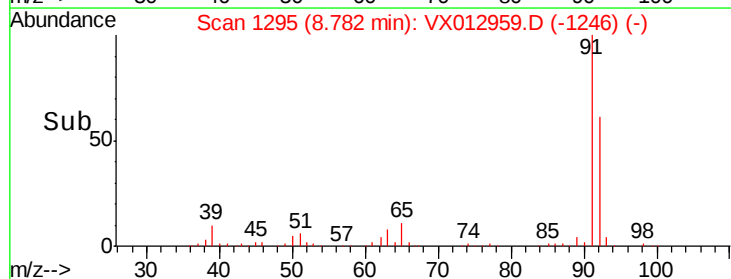
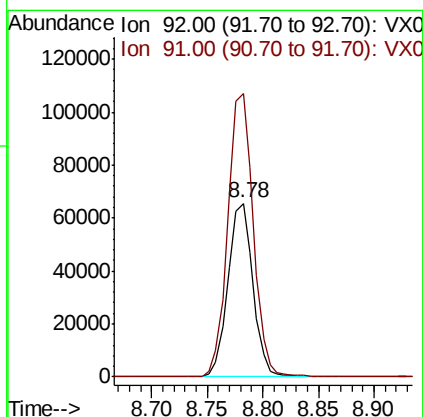
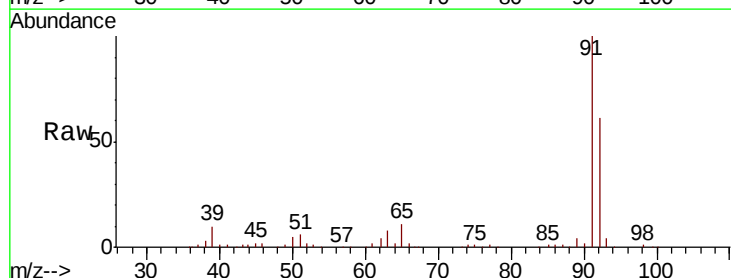
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

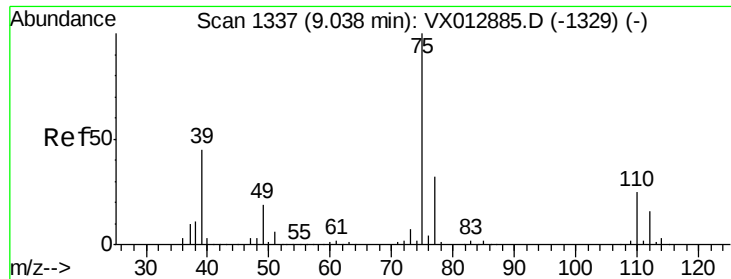
Tot Ion: 43 Resp: 302882
Ion Ratio Lower Upper
43 100
58 40.2 32.4 48.6



#52
Toluene
Concen: 20.797 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 92 Resp: 102292
Ion Ratio Lower Upper
92 100
91 166.0 135.9 203.9

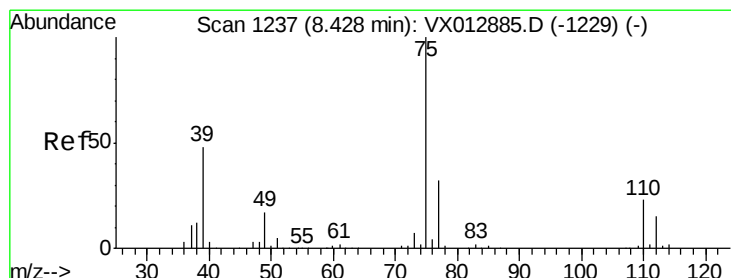
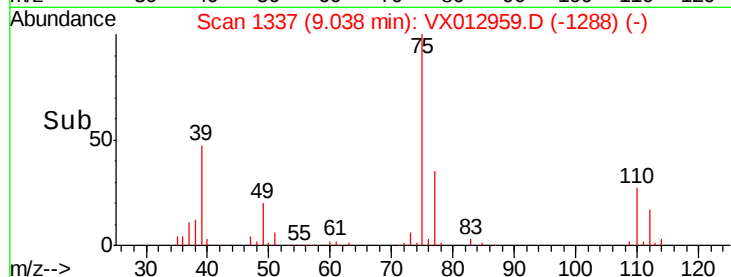
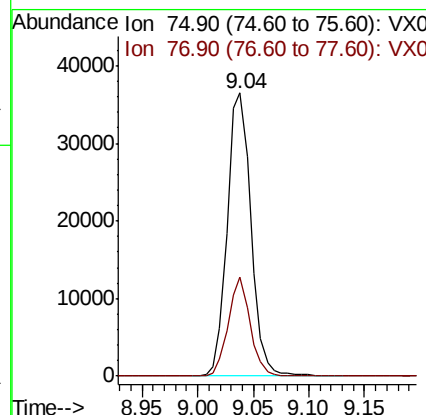
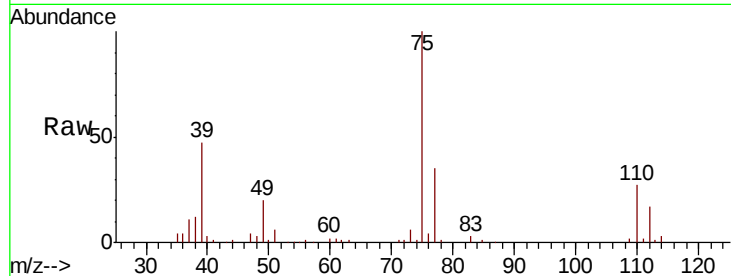




#53
t-1,3-Dichloropropene
Concen: 18.415 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

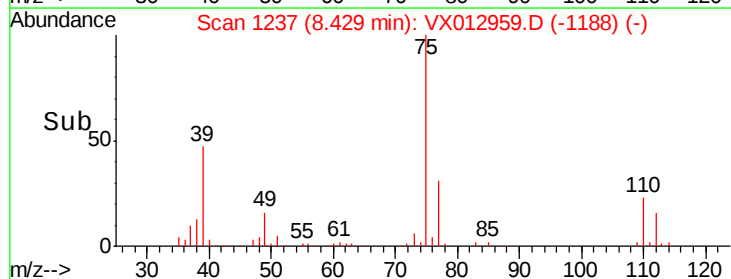
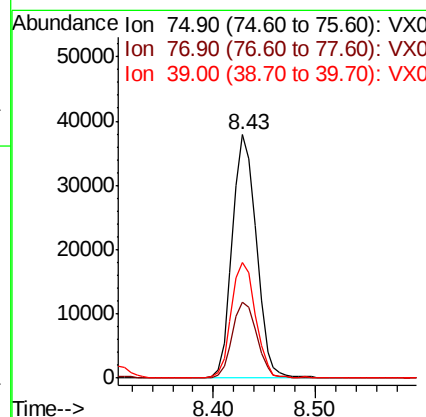
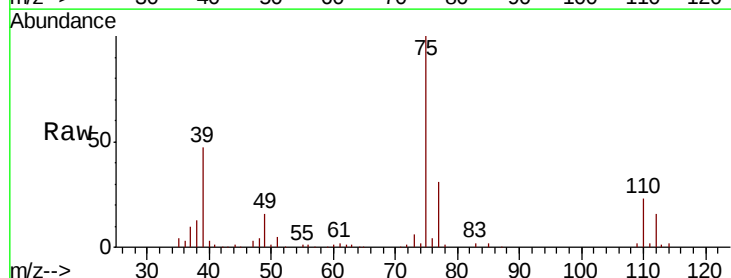
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

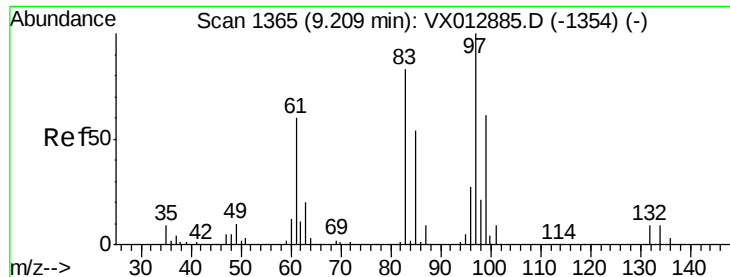
Tot Ion: 75 Resp: 53995
Ion Ratio Lower Upper
75 100
77 35.0 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 19.741 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 75 Resp: 61858
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8
39 47.3 38.2 57.2

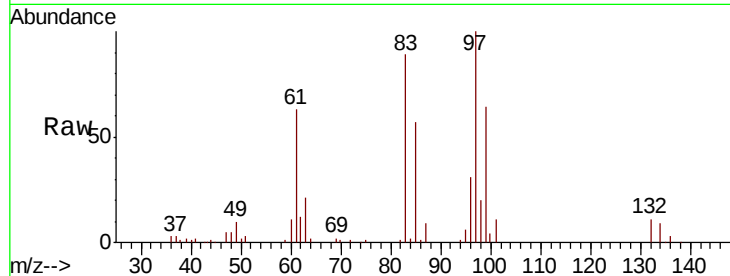




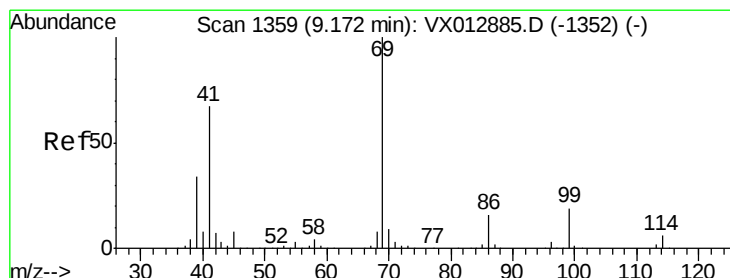
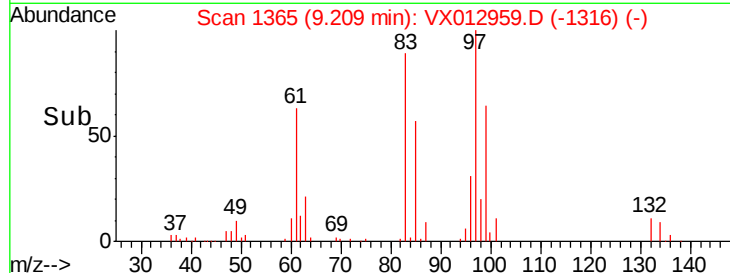
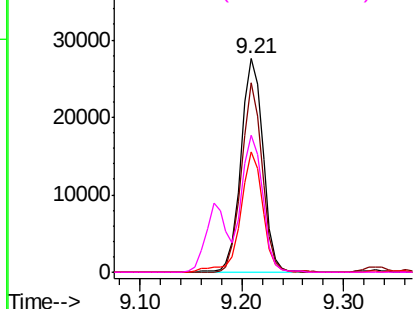
#55
 1,1,2-Trichloroethane
 Concen: 21.197 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 97 Resp: 41261
 Ion Ratio Lower Upper
 97 100
 83 88.6 66.5 99.7
 85 56.5 43.1 64.7
 99 64.4 49.2 73.8

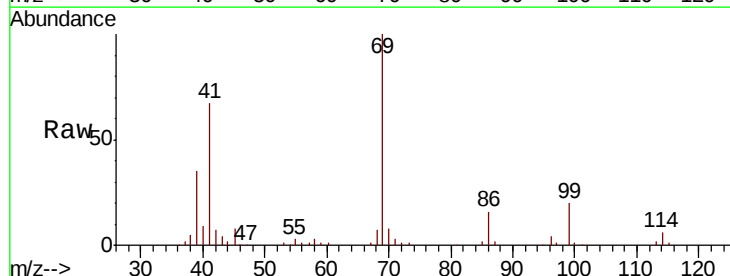


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

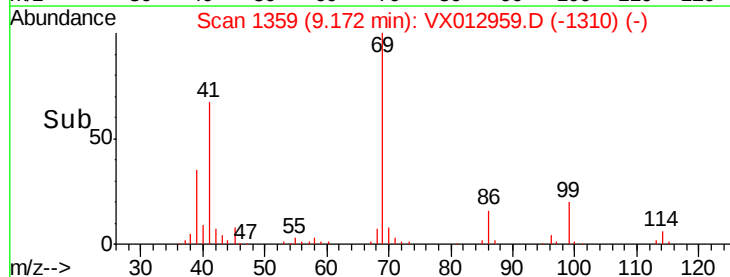
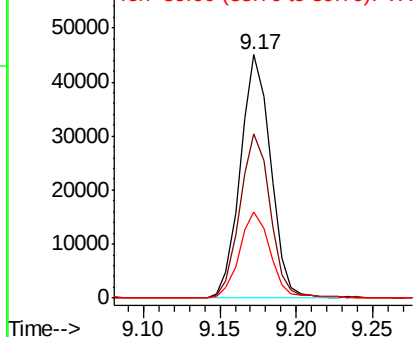


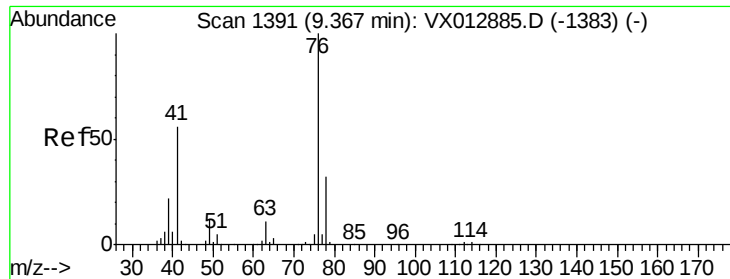
#56
 Ethyl methacrylate
 Concen: 19.025 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 69 Resp: 62208
 Ion Ratio Lower Upper
 69 100
 41 67.9 52.1 78.1
 39 36.8 27.8 41.8



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





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

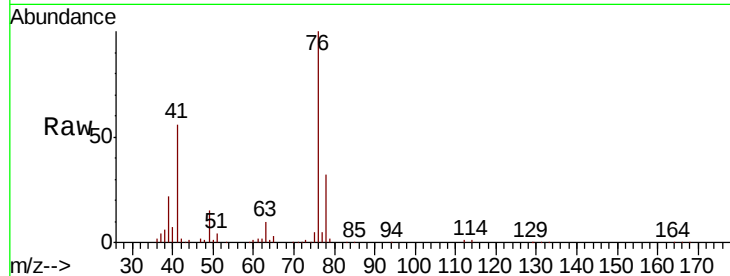
VX1009WBS02

Tot Ion: 76 Resp: 69830

Ion Ratio Lower Upper

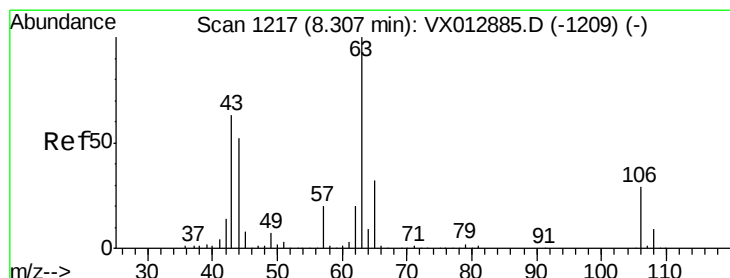
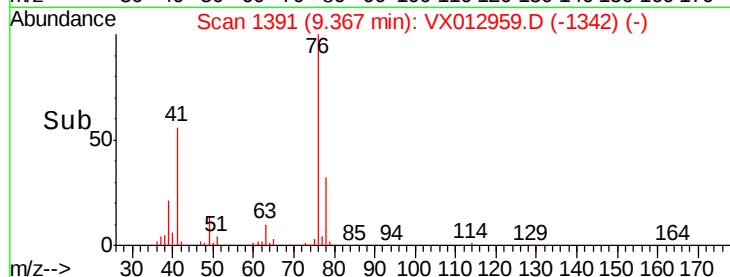
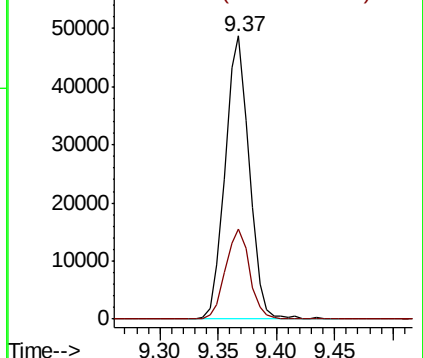
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.704 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012959.D

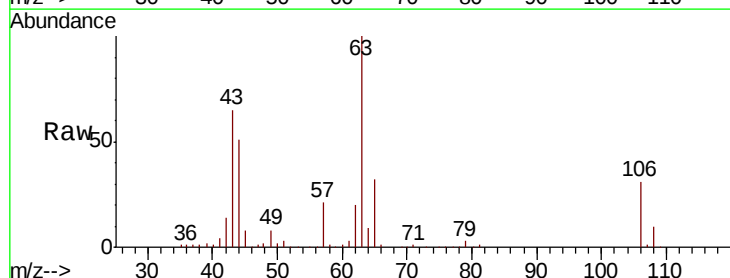
Acq: 09 Oct 2019 22:21

Tgt Ion: 63 Resp: 145431

Ion Ratio Lower Upper

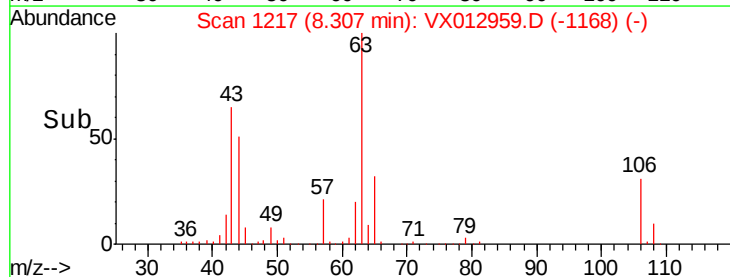
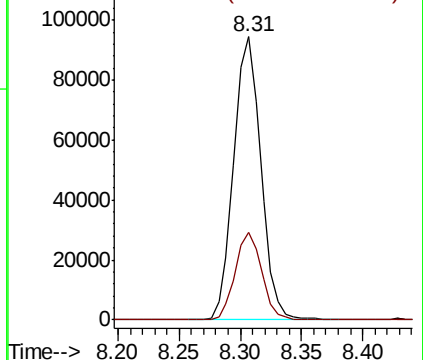
63 100

106 30.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

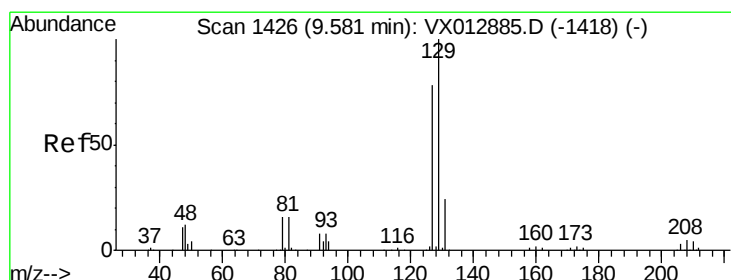
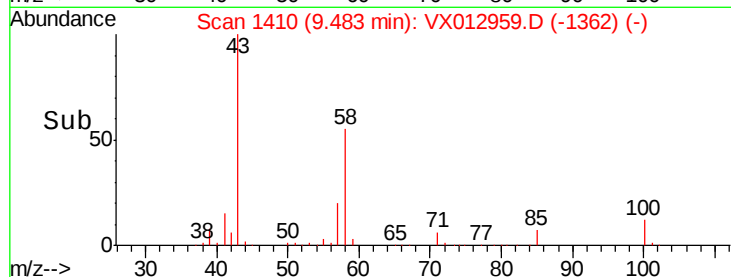
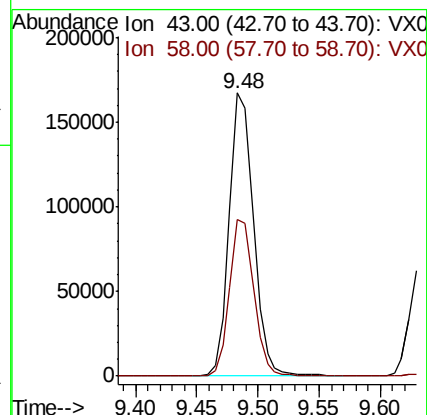
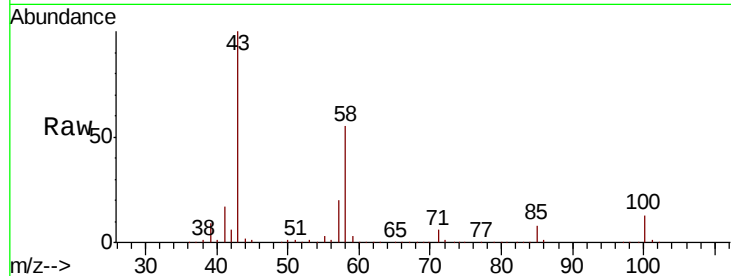




#59
2-Hexanone
Concen: 102.394 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

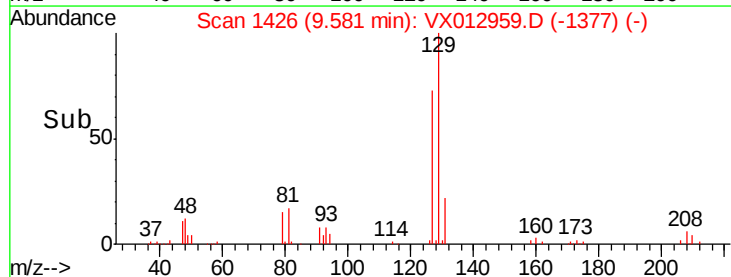
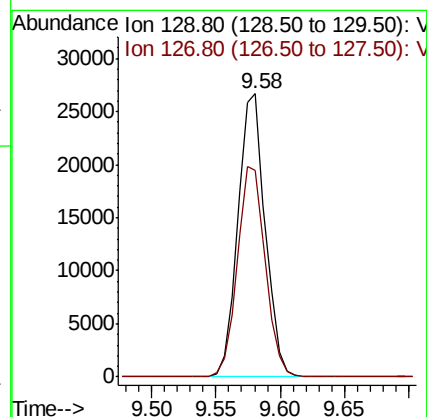
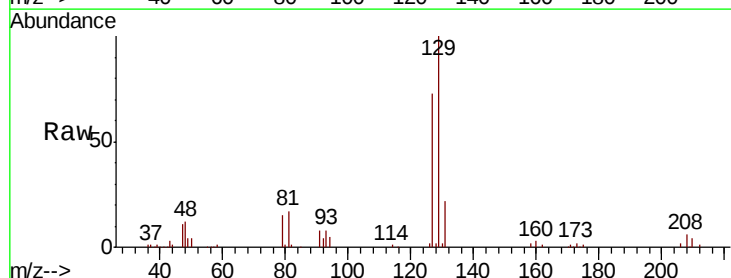
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

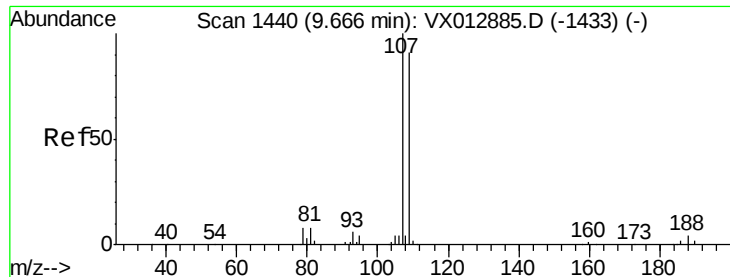
Tot Ion: 43 Resp: 232170
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 19.299 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:129 Resp: 39240
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.354 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

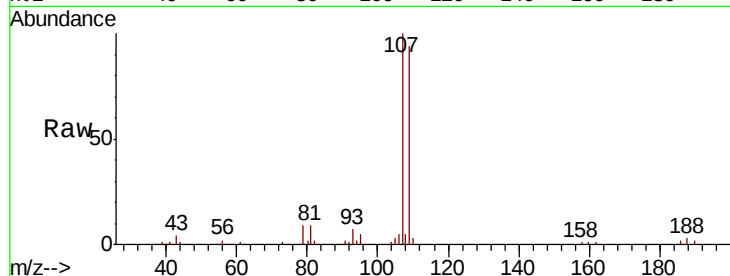
VX1009WBS02

Tot Ion:107 Resp: 41678

Ion Ratio Lower Upper

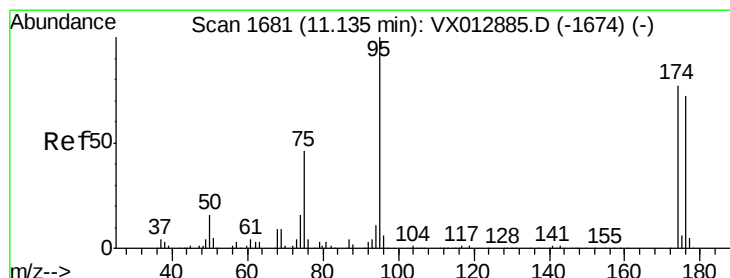
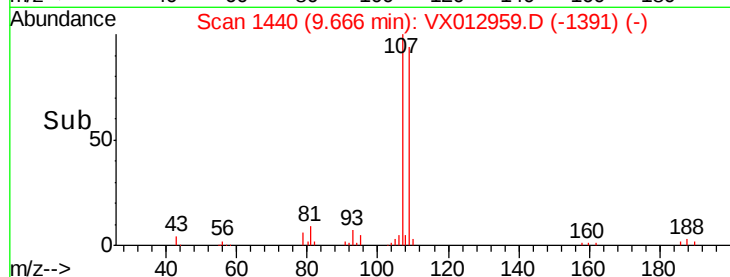
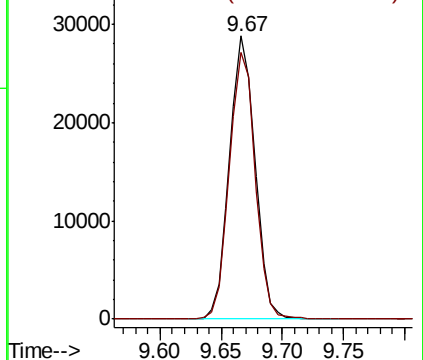
107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.074 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

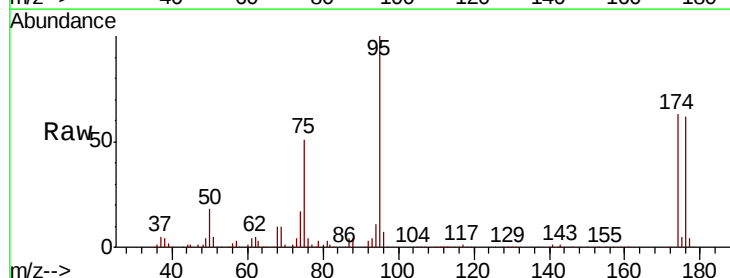
Tgt Ion: 95 Resp: 126377

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.4

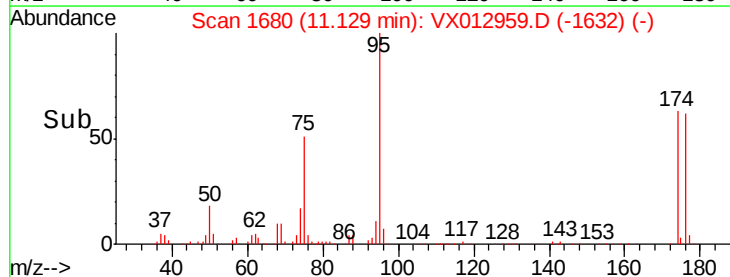
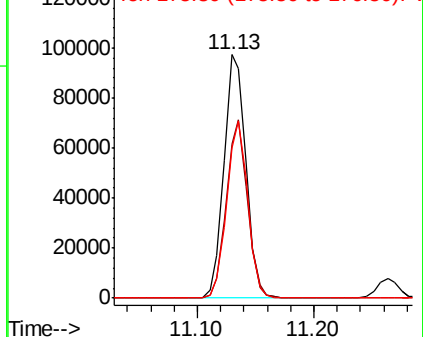
176 70.0 0.0 136.0

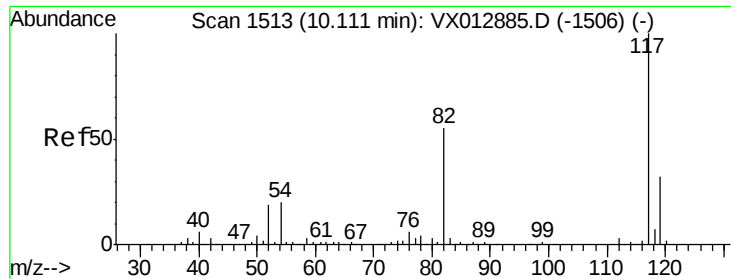


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

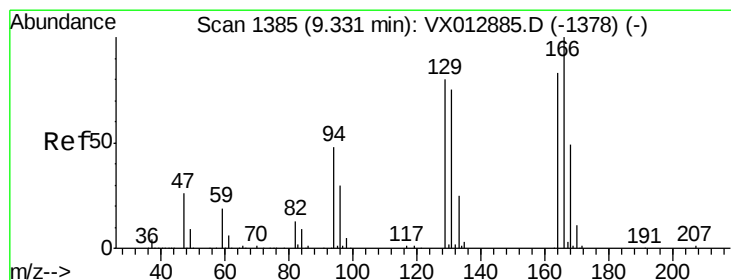
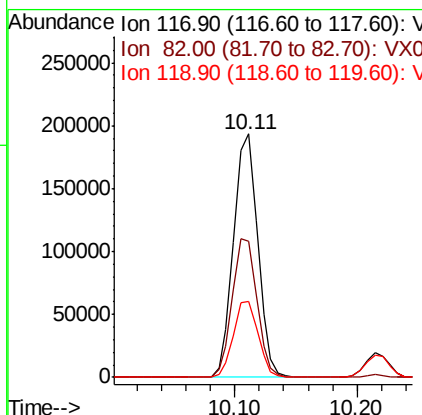
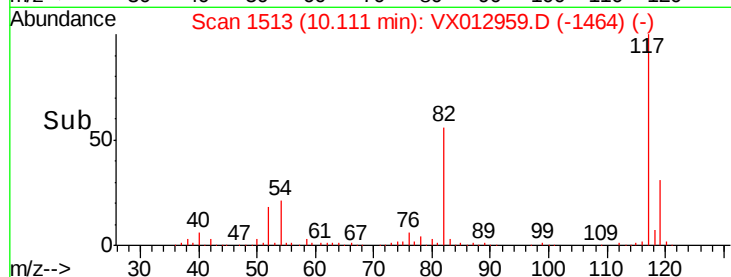
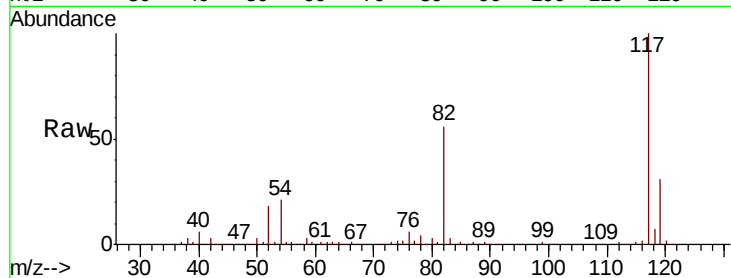




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

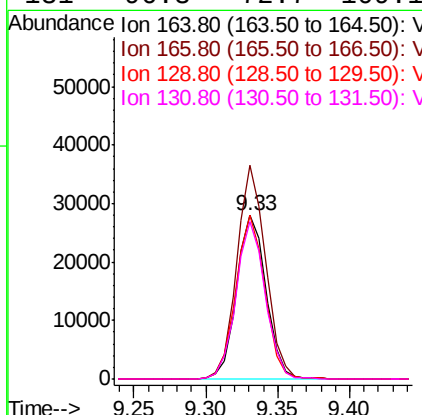
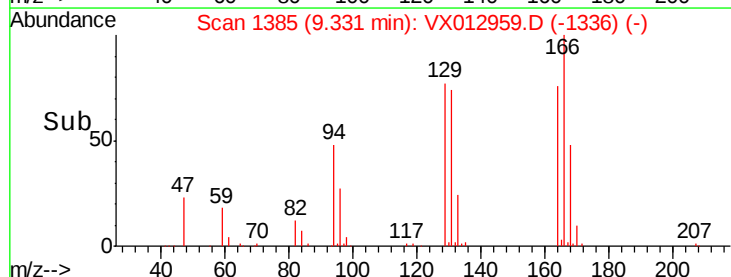
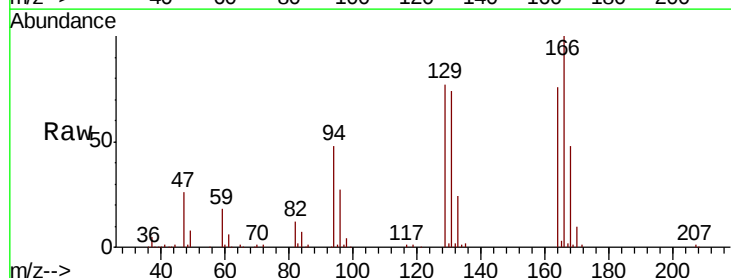
Instrument :
MSVOA_X
ClientSampled :
VX1009WBS02

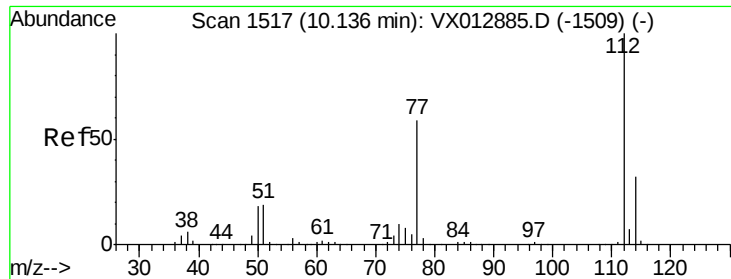
Tot Ion:117 Resp: 265119
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 21.678 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:164 Resp: 39862
Ion Ratio Lower Upper
164 100
166 130.7 96.9 145.3
129 100.5 77.9 116.9
131 96.3 72.7 109.1

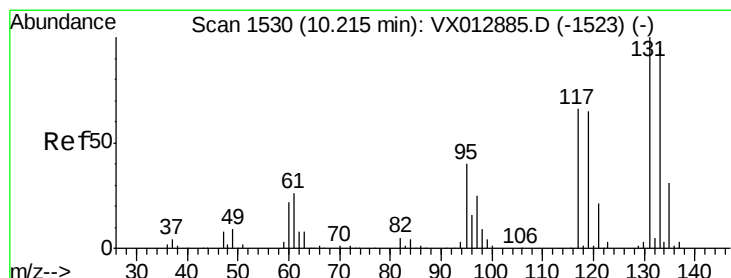
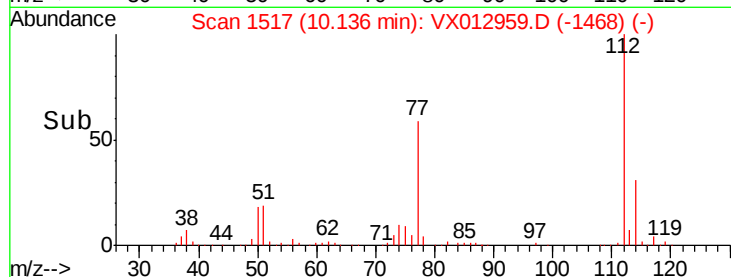
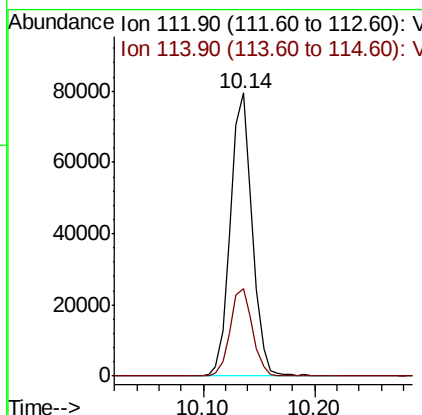
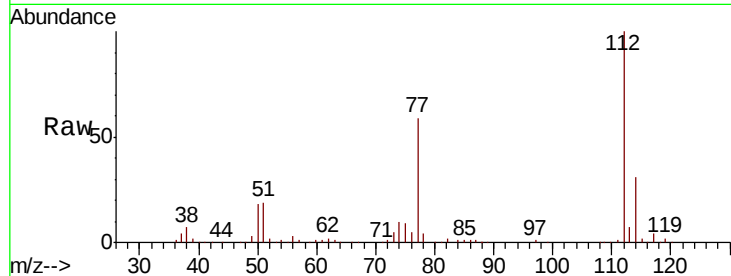




#65
Chlorobenzene
Concen: 20.418 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

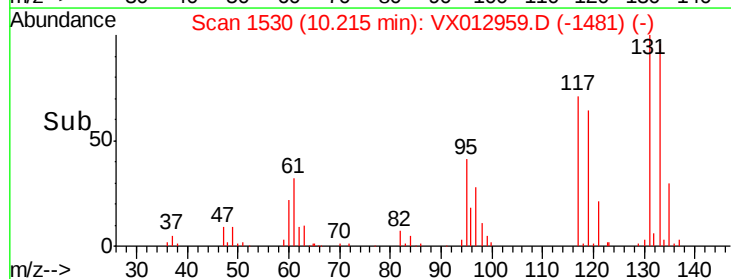
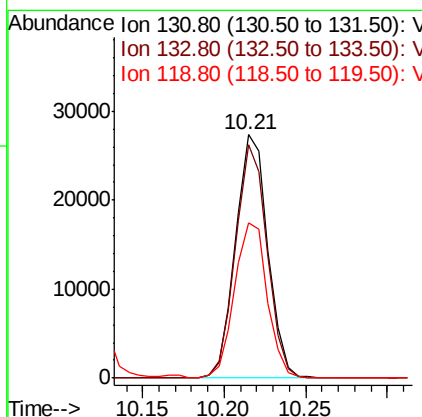
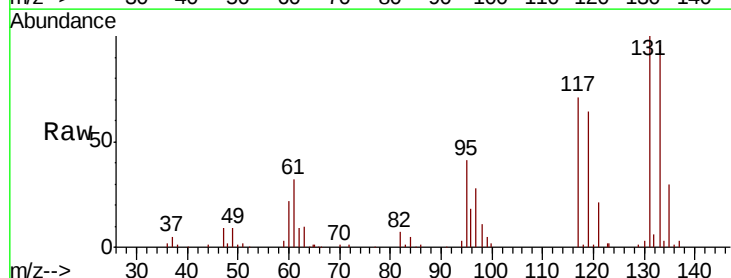
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

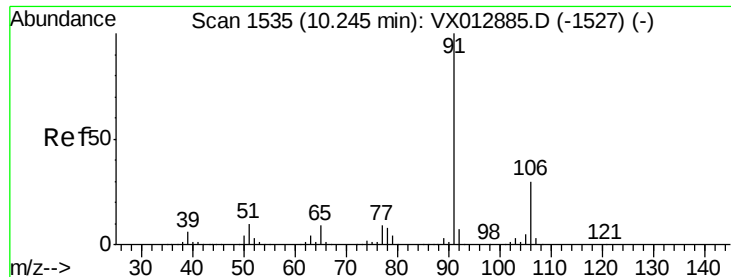
Tot Ion:112 Resp: 107497
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:131 Resp: 37648
Ion Ratio Lower Upper
131 100
133 93.9 47.2 141.6
119 64.6 32.6 98.0

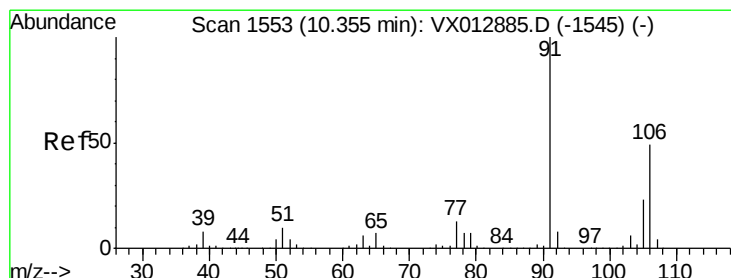
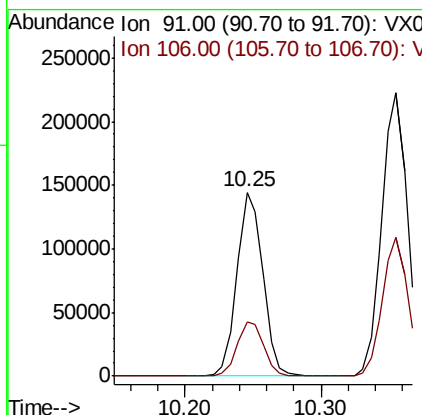
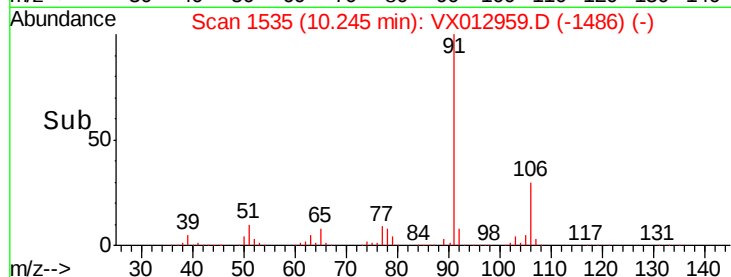
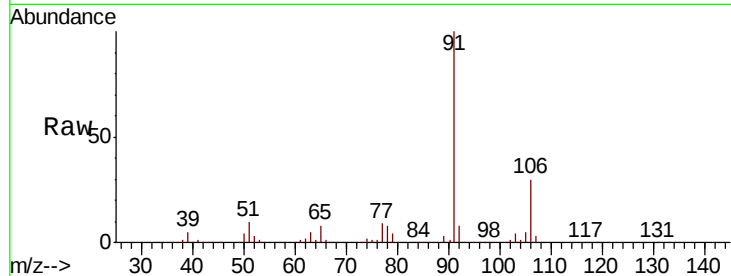




#67
Ethyl Benzene
Concen: 20.465 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

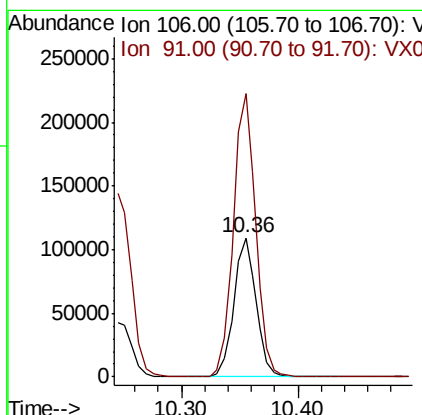
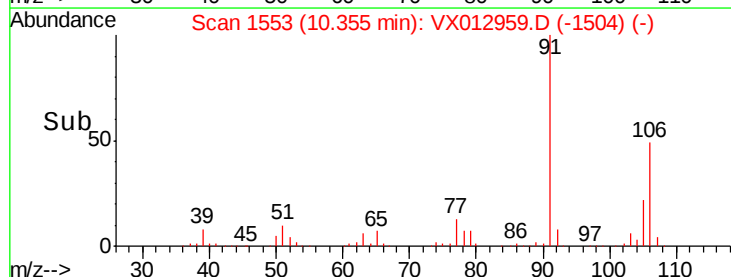
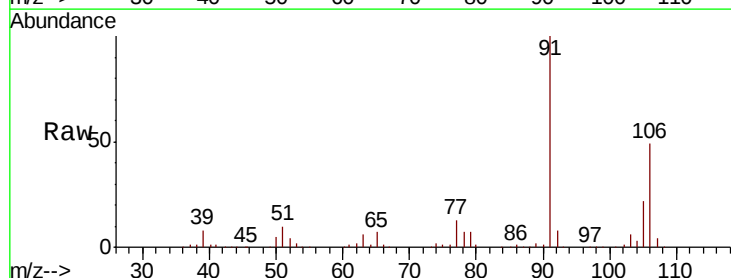
Instrument :
MSVOA_X
ClientSampled :
VX1009WBS02

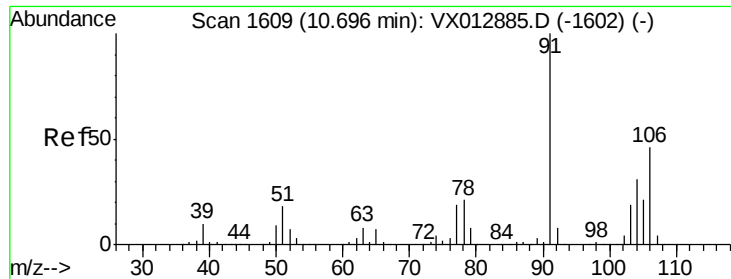
Tot Ion: 91 Resp: 191387
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9



#68
m/p-Xylenes
Concen: 41.261 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 106 Resp: 144153
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9

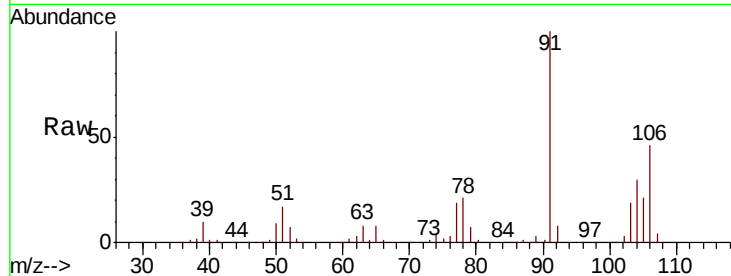




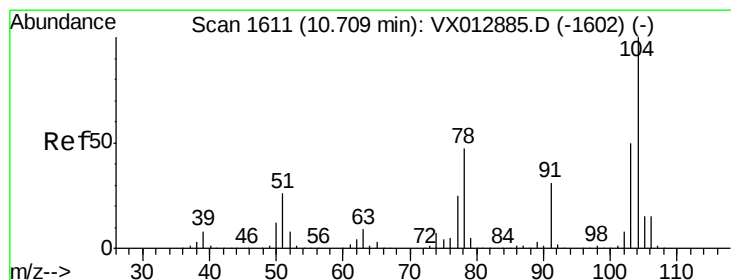
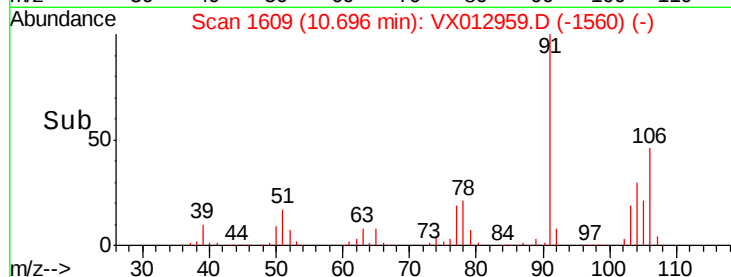
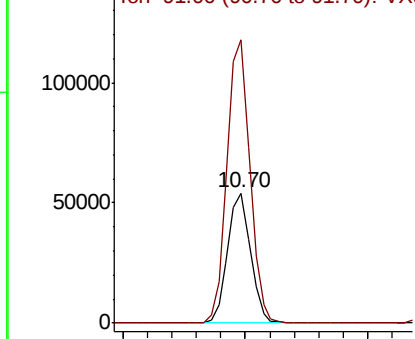
#69
o-Xylene
Concen: 20.598 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampled :
VX1009WBS02

Tot Ion:106 Resp: 70176
Ion Ratio Lower Upper
106 100
91 217.1 109.1 327.3

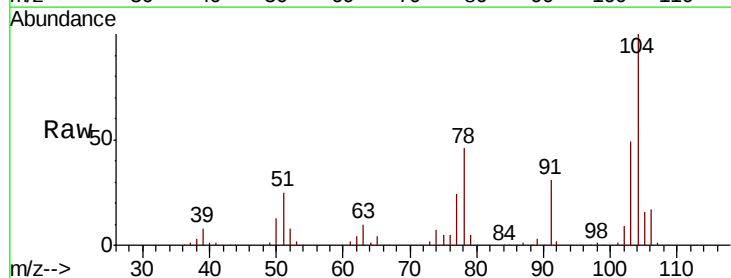


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

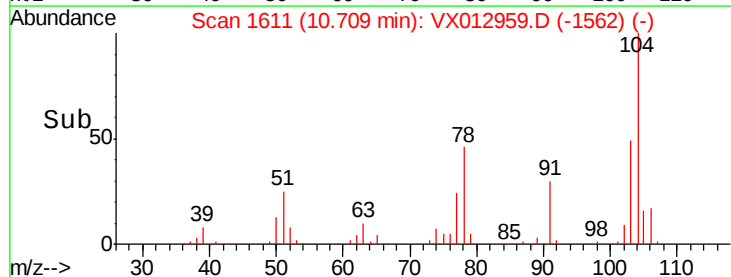
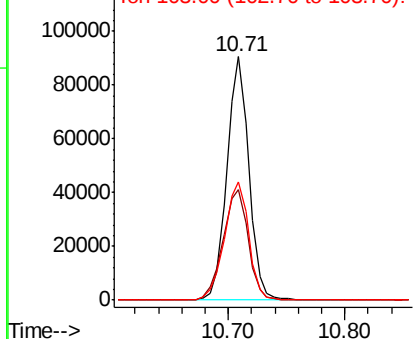


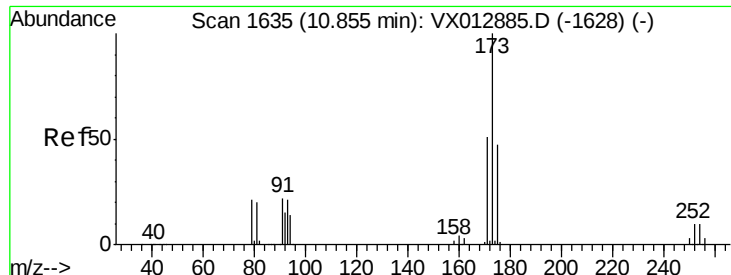
#70
Styrene
Concen: 20.490 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:104 Resp: 118675
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.8 43.0 64.4



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





#71

Bromoform

Concen: 17.967 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

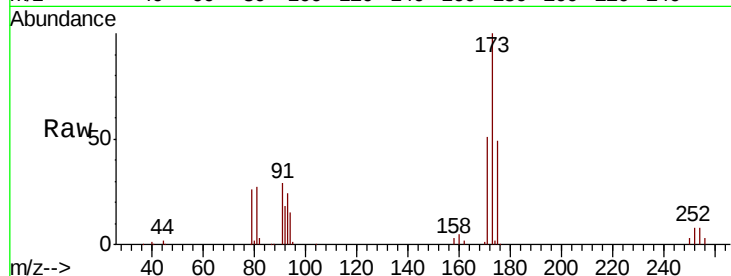
Tot Ion:173 Resp: 24610

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.3

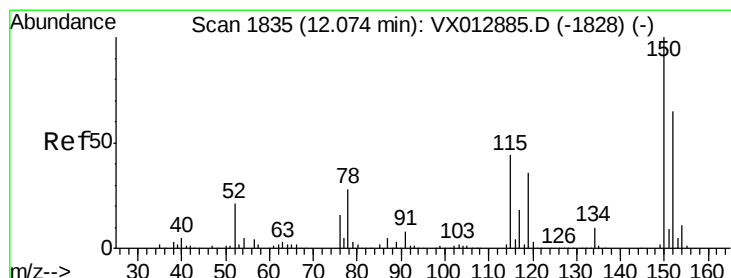
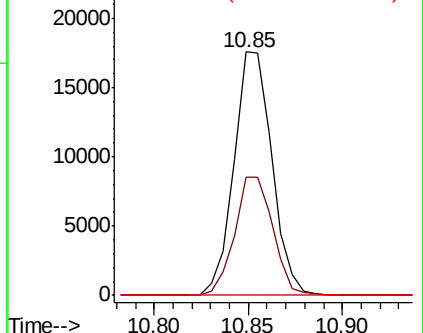
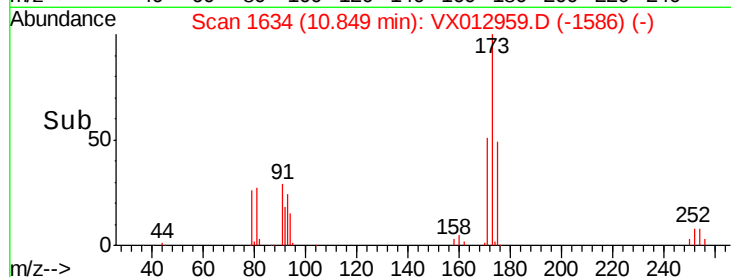
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

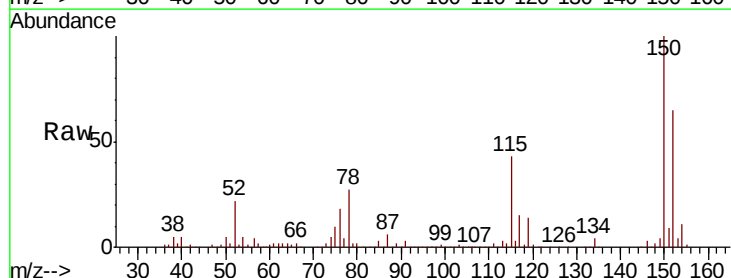
Tgt Ion:152 Resp: 121324

Ion Ratio Lower Upper

152 100

115 73.9 44.5 133.5

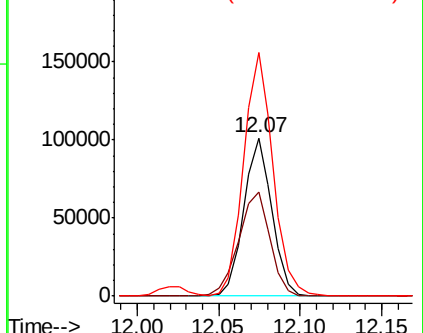
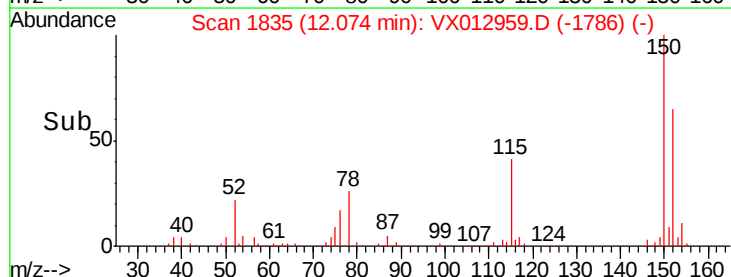
150 161.9 0.0 353.4

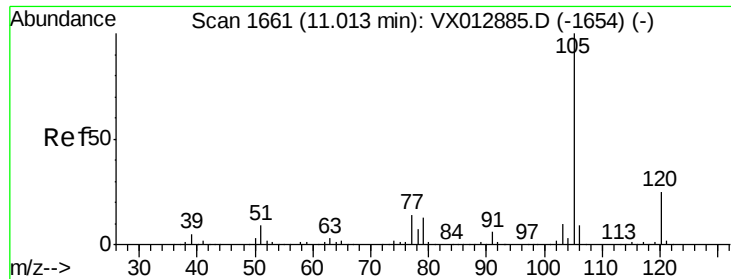


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

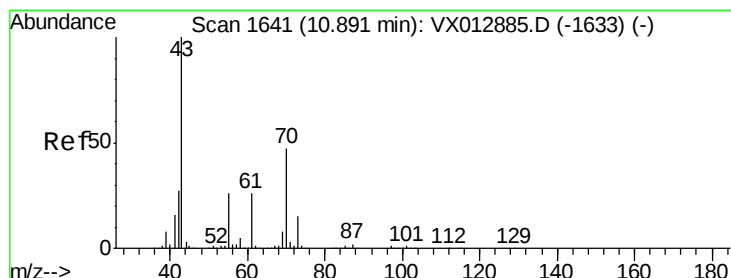
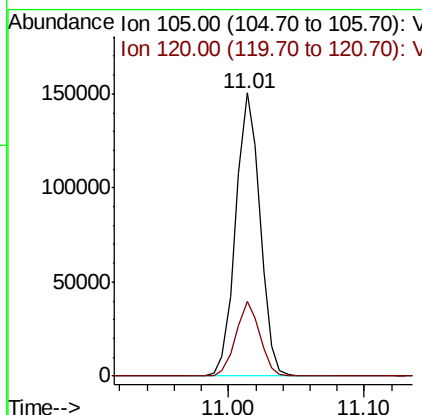
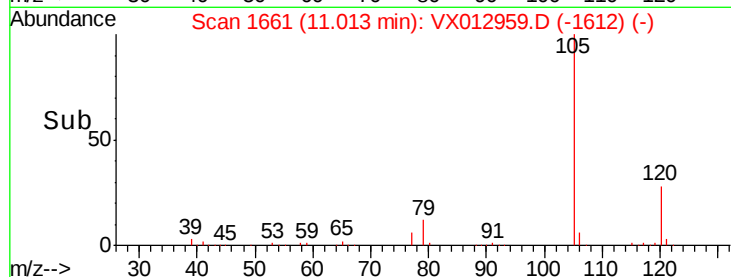
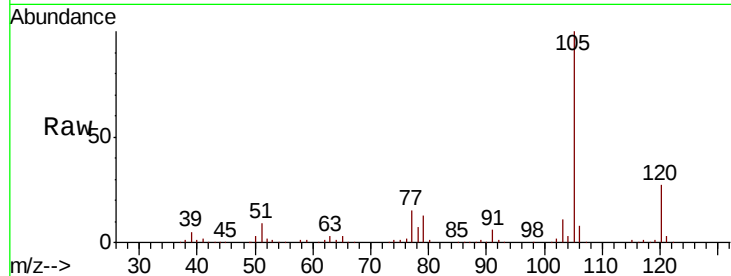




#73
Isopropylbenzene
Concen: 20.959 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

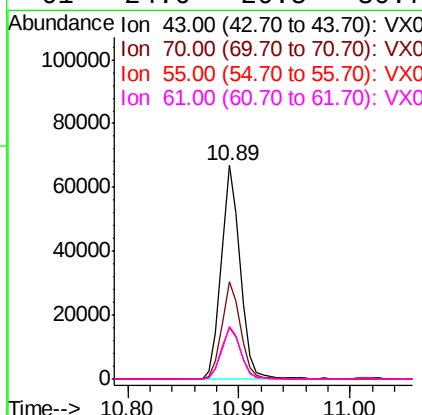
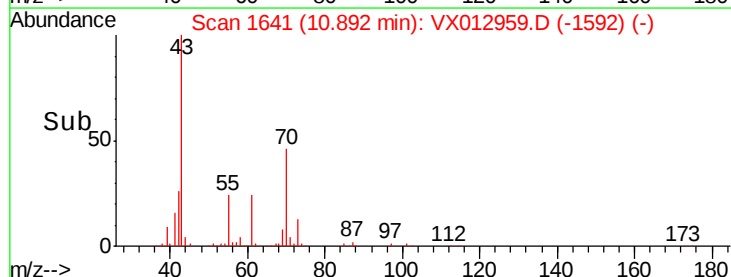
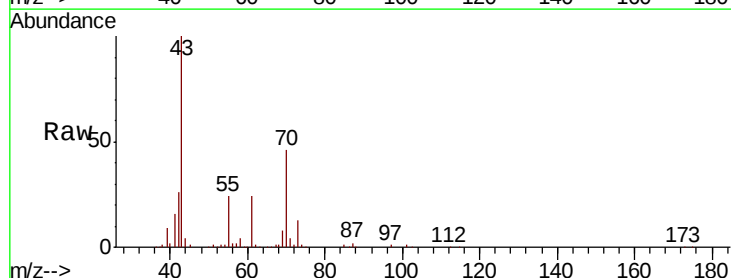
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

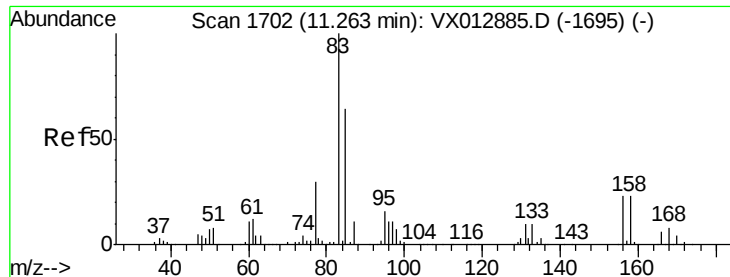
Tot Ion:105 Resp: 186956
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 20.596 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 43 Resp: 79123
Ion Ratio Lower Upper
43 100
70 45.1 36.4 54.6
55 24.9 20.2 30.2
61 24.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.356 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

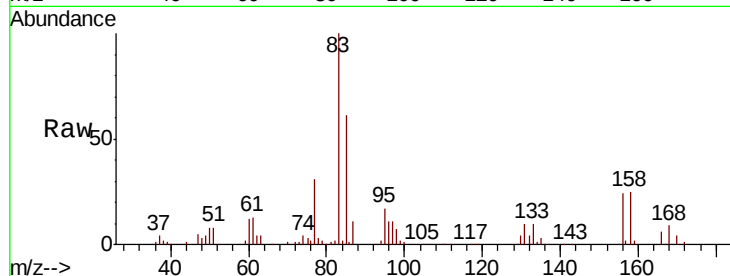
Tot Ion: 83 Resp: 60391

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

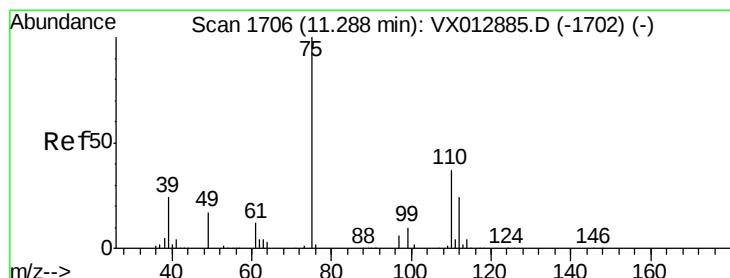
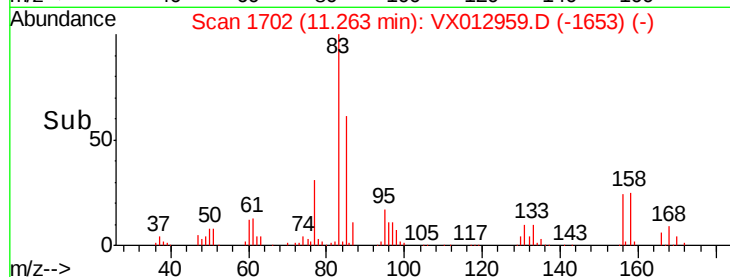
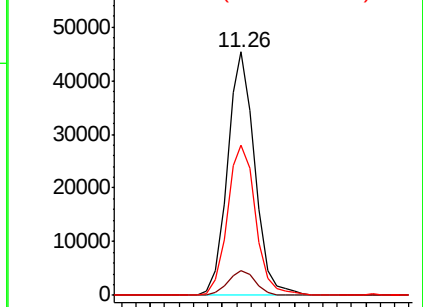
85 63.9 32.1 96.5



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: 25.659 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX012959.D

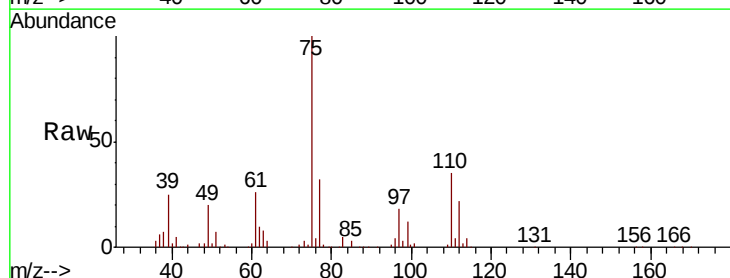
Acq: 09 Oct 2019 22:21

Tgt Ion: 75 Resp: 69046

Ion Ratio Lower Upper

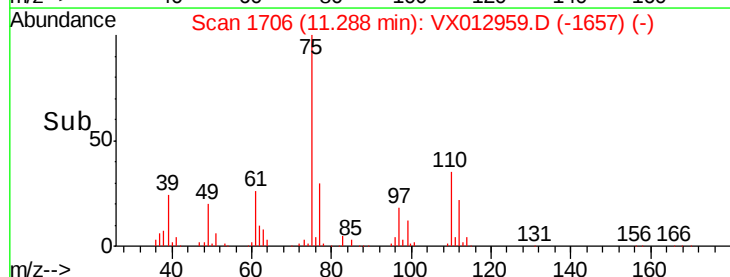
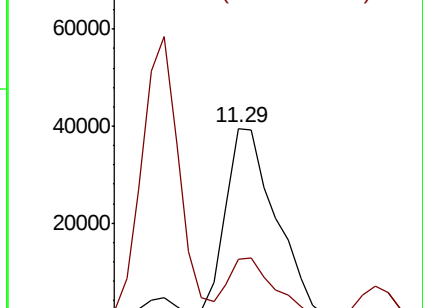
75 100

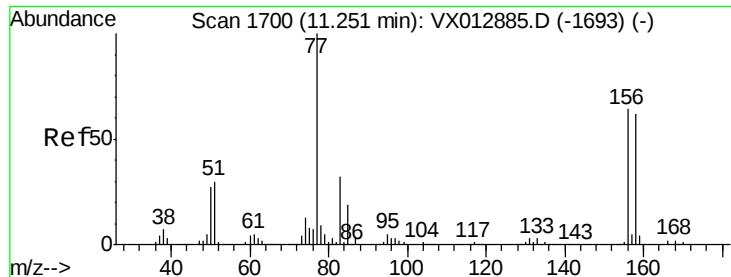
77 30.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.762 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

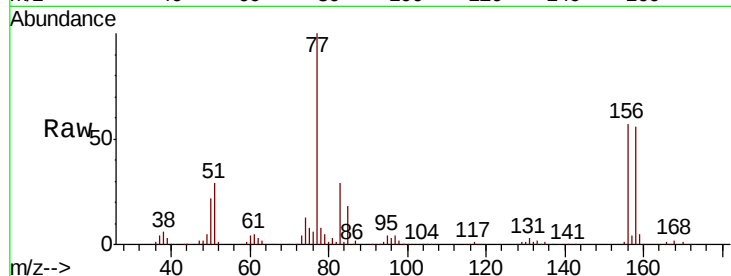
Tot Ion:156 Resp: 43641

Ion Ratio Lower Upper

156 100

77 172.6 83.7 251.0

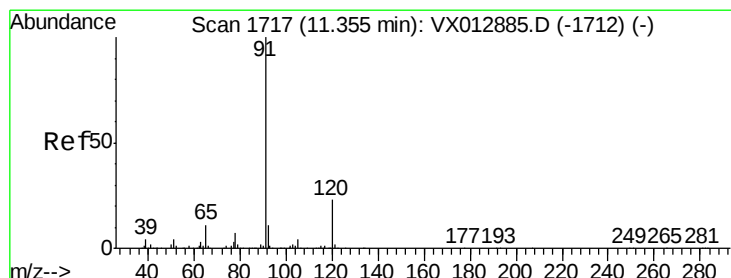
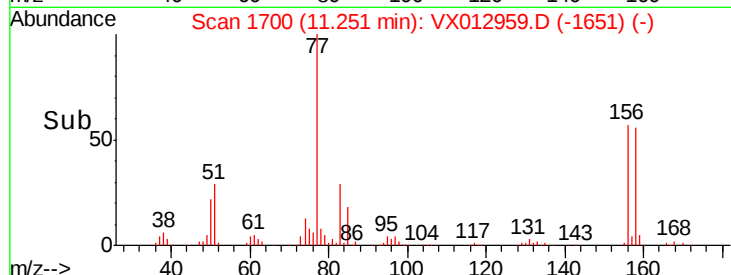
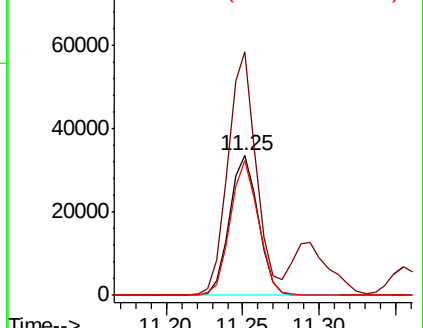
158 94.6 48.6 145.9



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: 21.034 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012959.D

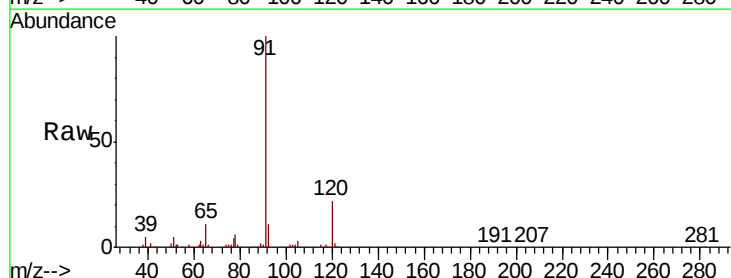
Acq: 09 Oct 2019 22:21

Tgt Ion: 91 Resp: 206452

Ion Ratio Lower Upper

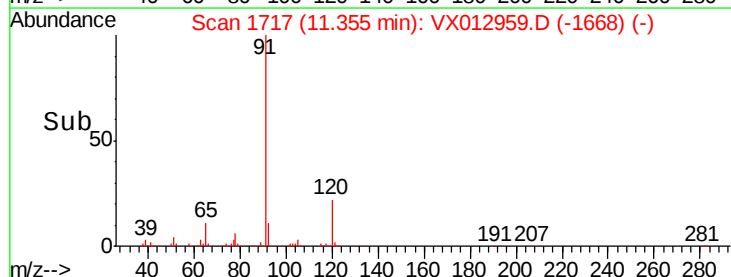
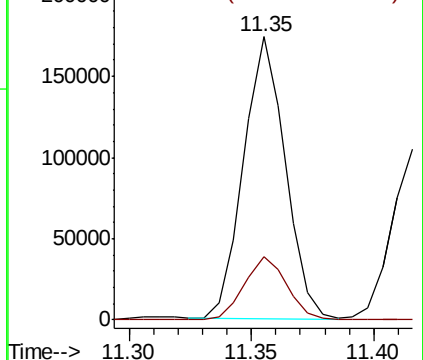
91 100

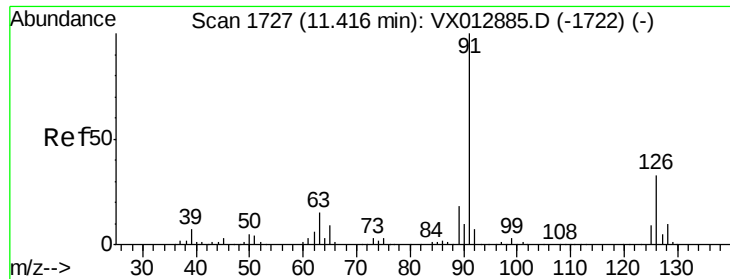
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

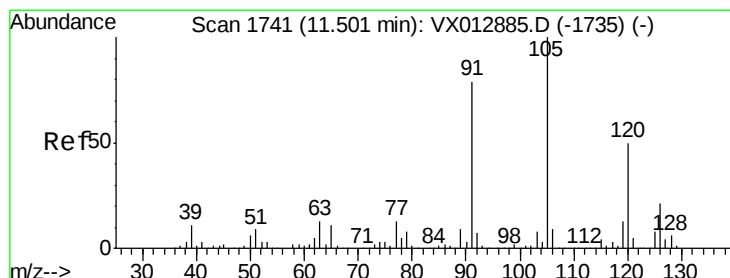
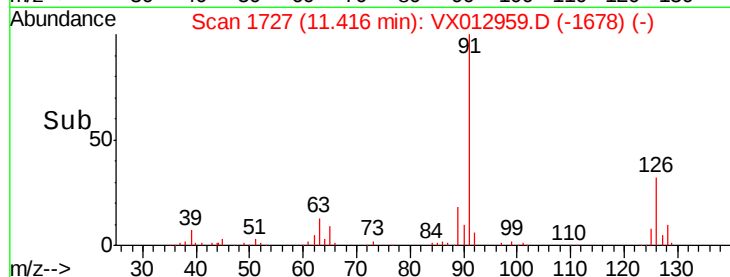
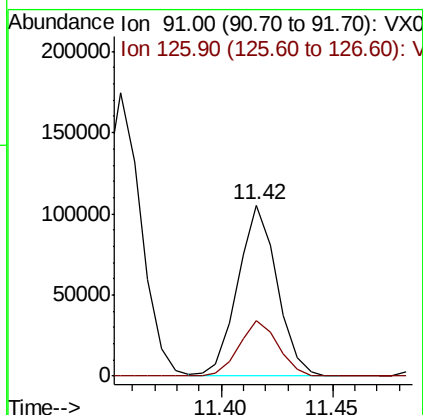
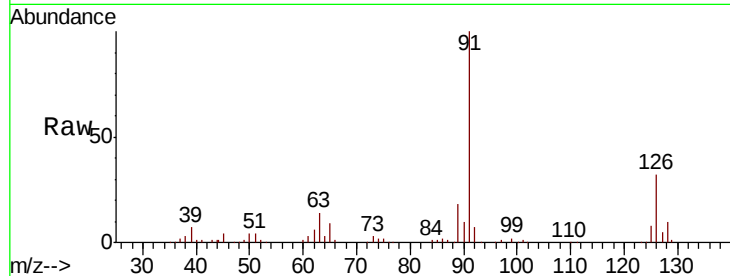




#79
 2-Chlorotoluene
 Concen: 20.813 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

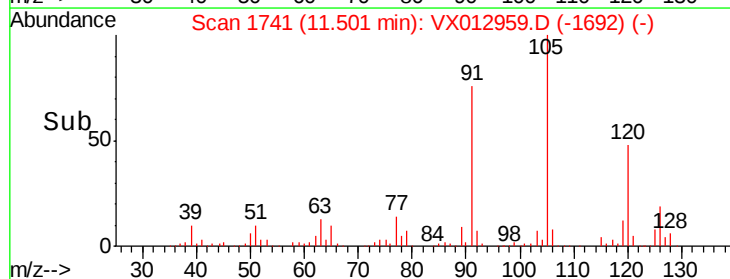
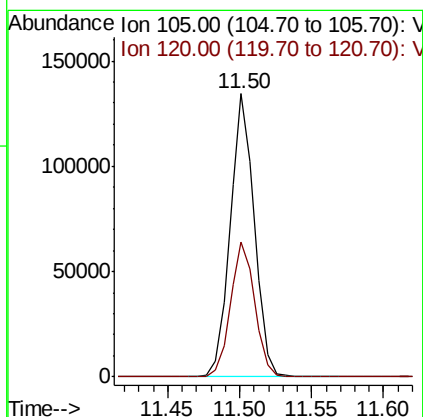
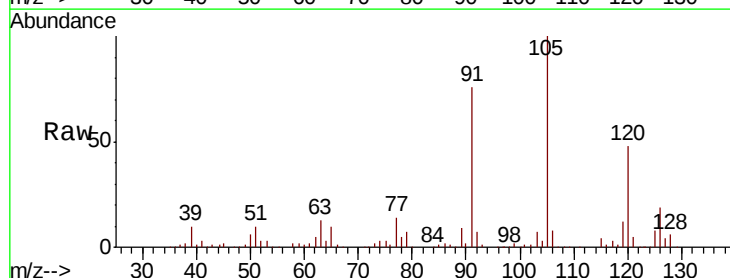
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

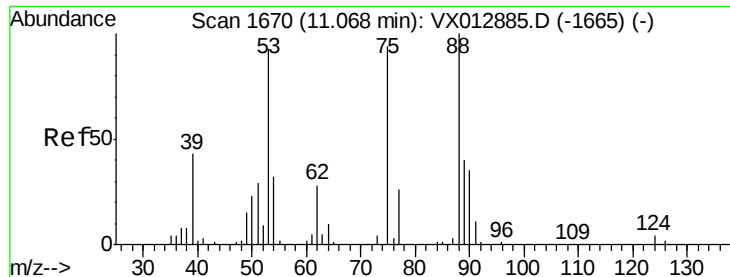
Tot Ion: 91 Resp: 128387
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.190 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion: 105 Resp: 157830
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.426 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

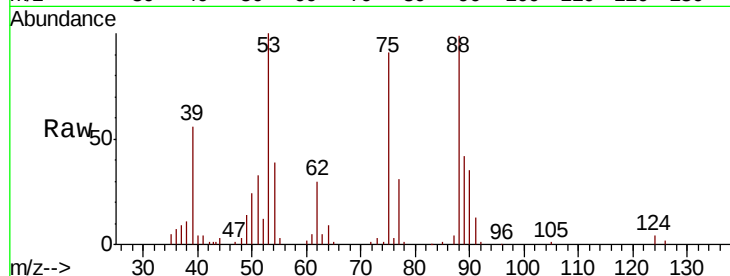
Tot Ion: 75 Resp: 16343

Ion Ratio Lower Upper

75 100

53 107.4 78.5 117.7

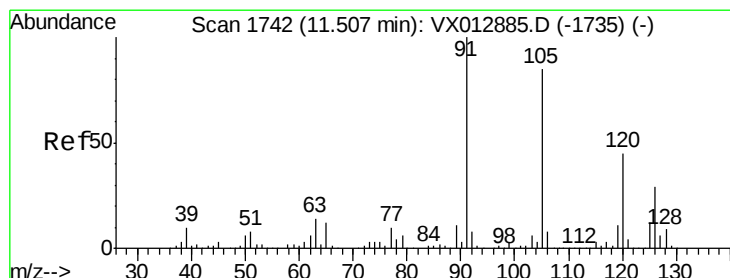
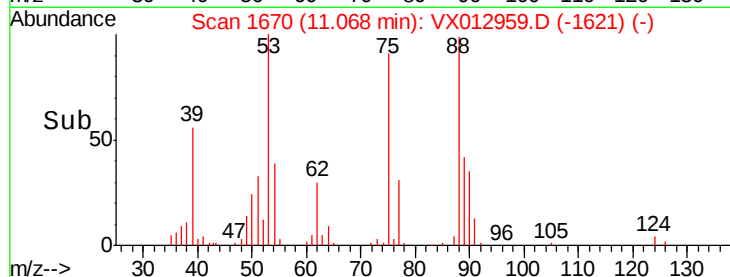
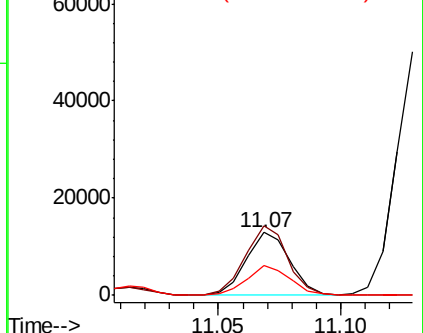
89 45.3 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.879 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012959.D

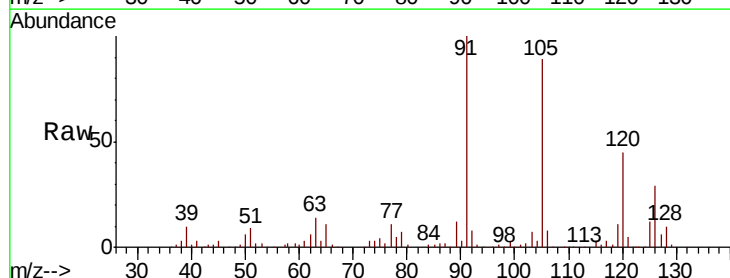
Acq: 09 Oct 2019 22:21

Tgt Ion: 91 Resp: 147622

Ion Ratio Lower Upper

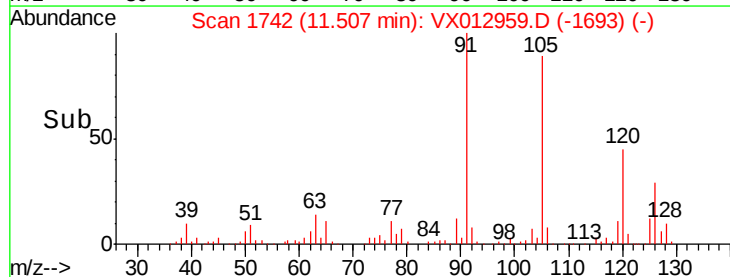
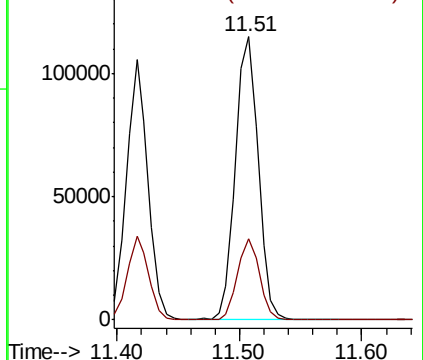
91 100

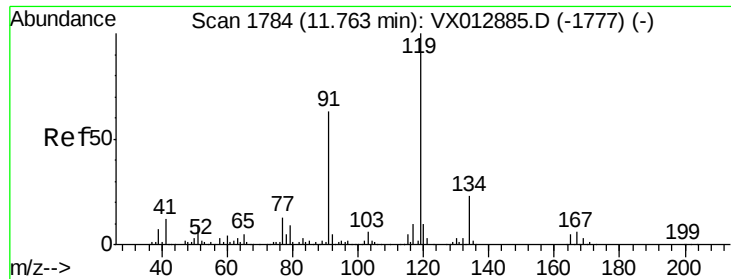
126 27.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

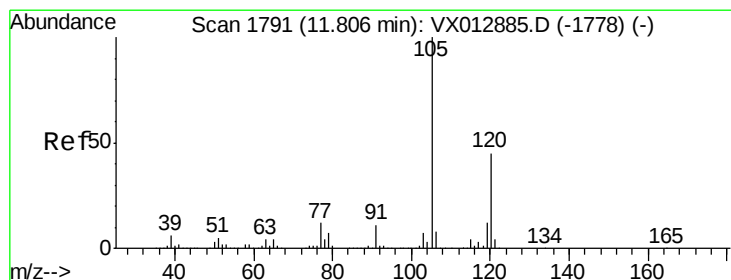
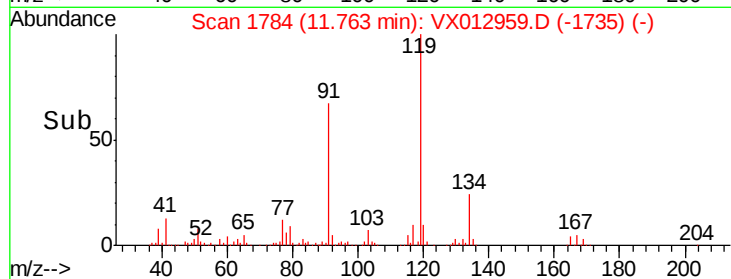
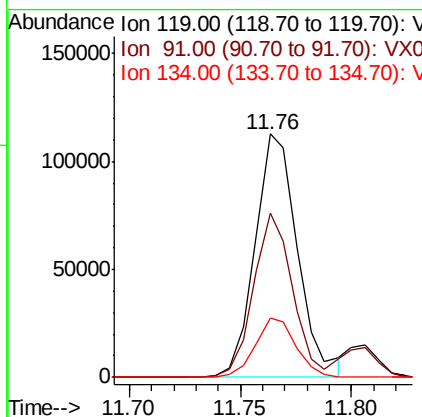
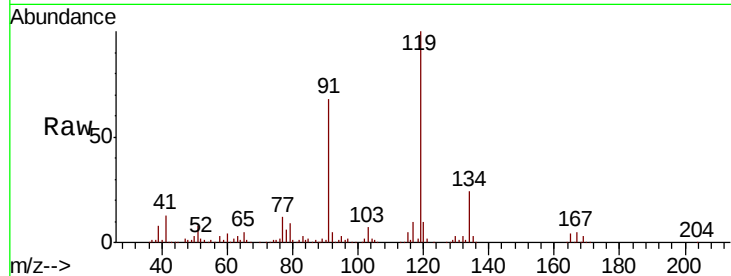




#83
tert-Butylbenzene
Concen: 20.634 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

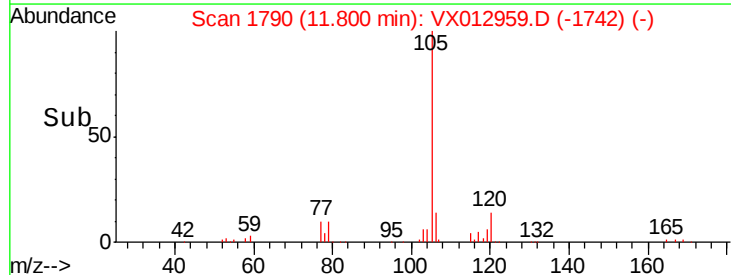
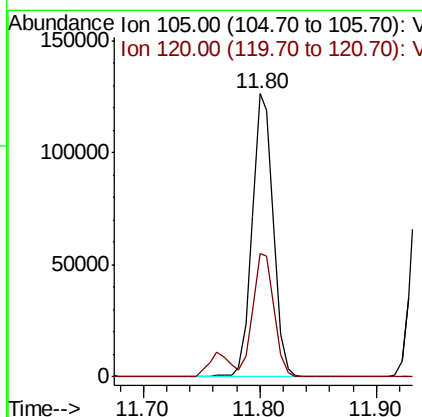
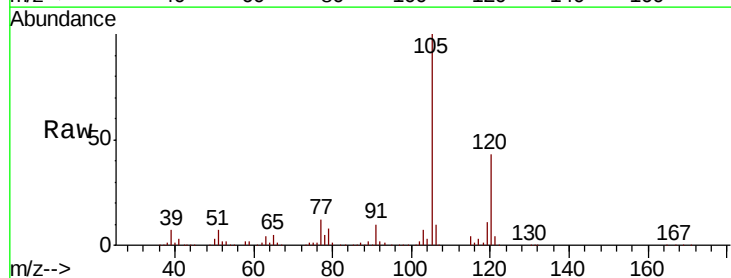
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

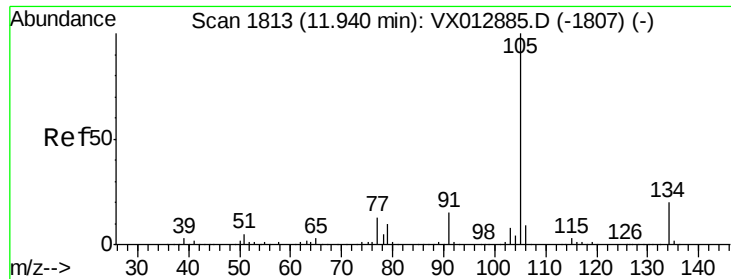
Tot Ion:119 Resp: 149920
Ion Ratio Lower Upper
119 100
91 61.5 29.3 87.9
134 23.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.140 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:105 Resp: 159464
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.273 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

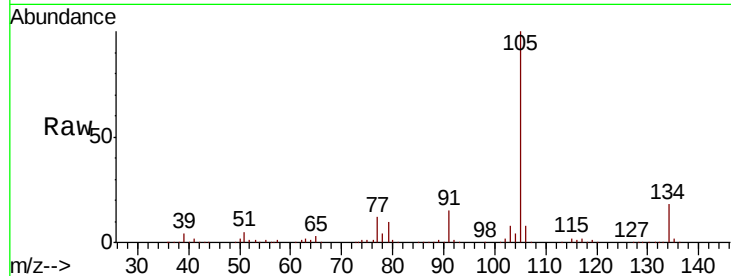
VX1009WBS02

Tot Ion:105 Resp: 179070

Ion Ratio Lower Upper

105 100

134 19.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

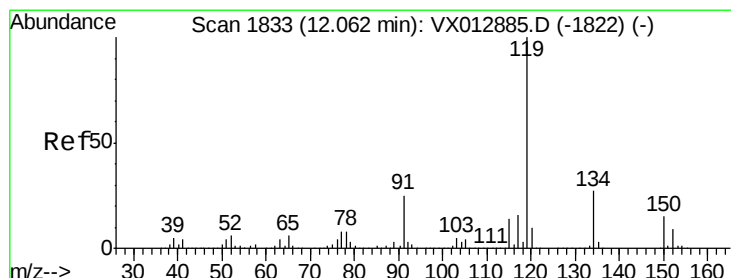
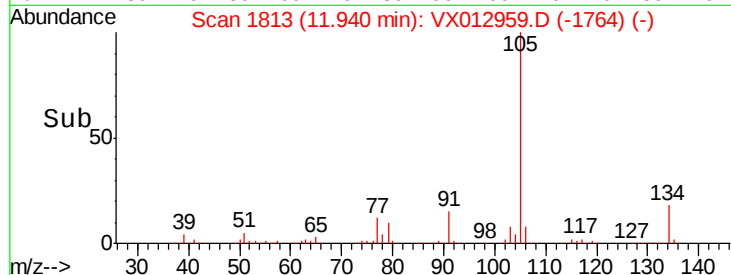
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.701 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

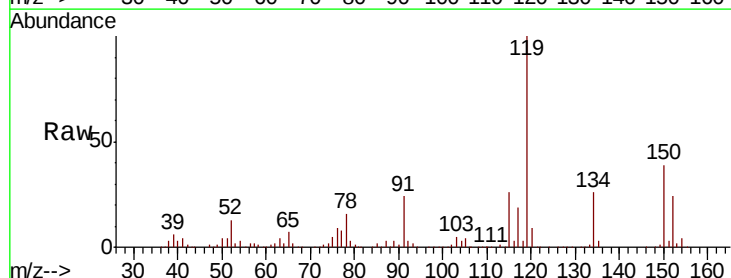
Tgt Ion:119 Resp: 161610

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

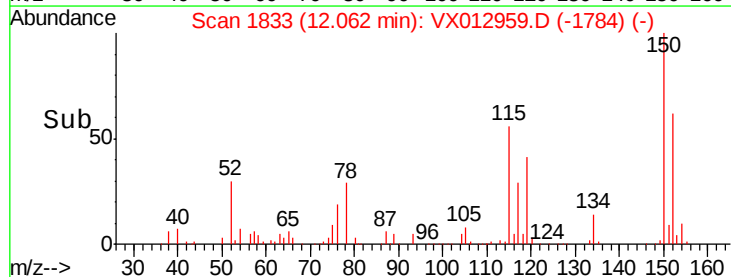
150000

100000

50000

0

Time--> 12.00 12.05 12.10 12.20

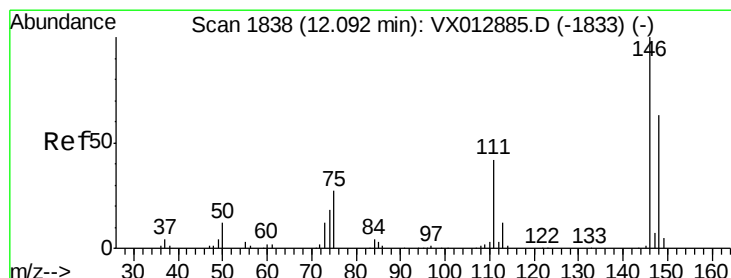
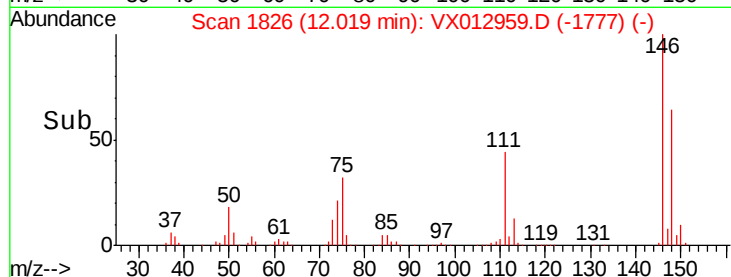
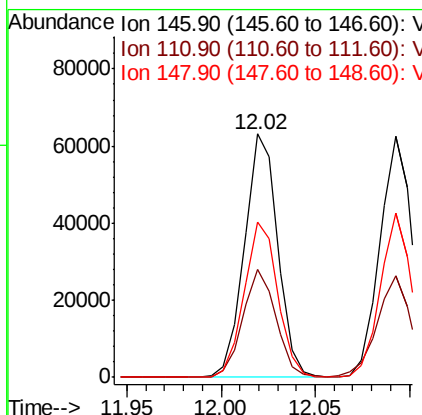
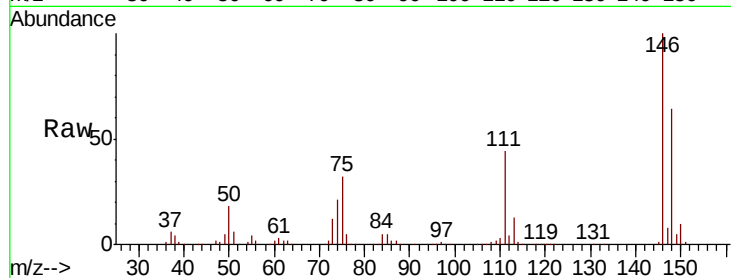




#87
 1,3-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

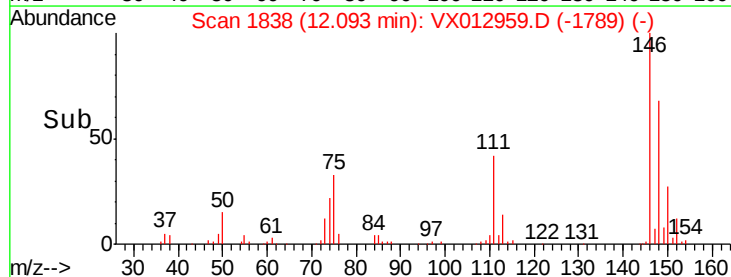
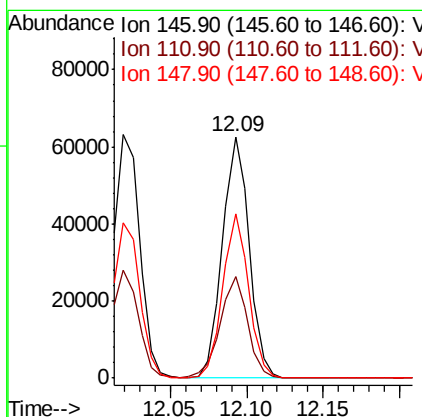
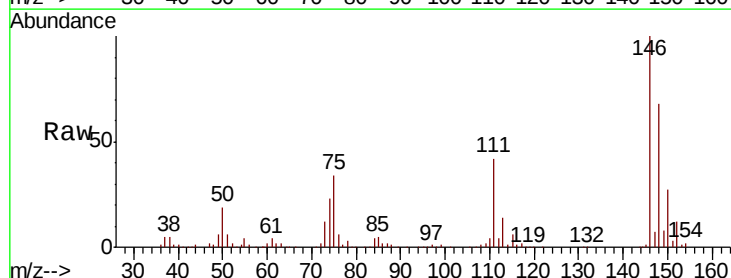
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

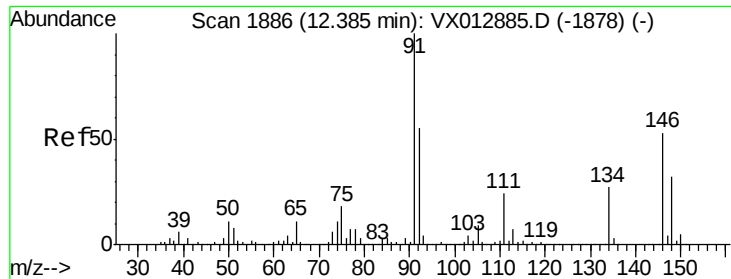
Tot Ion:146 Resp: 77371
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.1 63.4
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.254 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion:146 Resp: 76117
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.4 64.3
 148 65.4 32.1 96.5

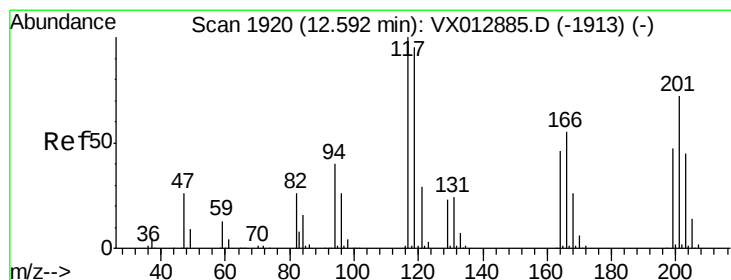
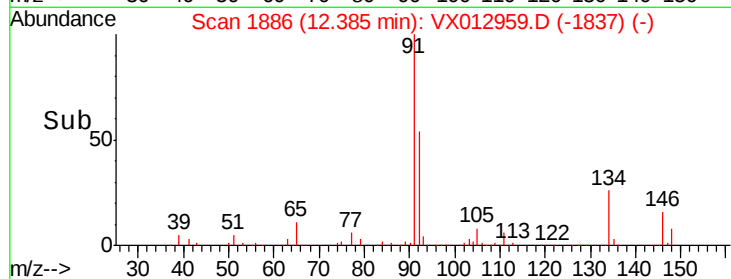
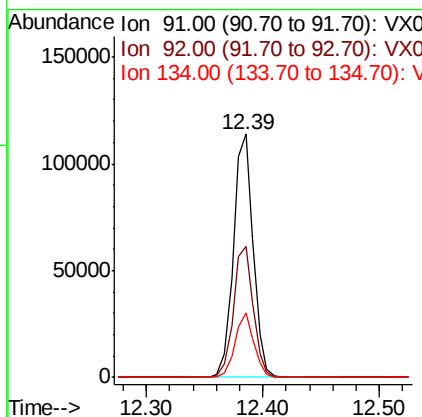
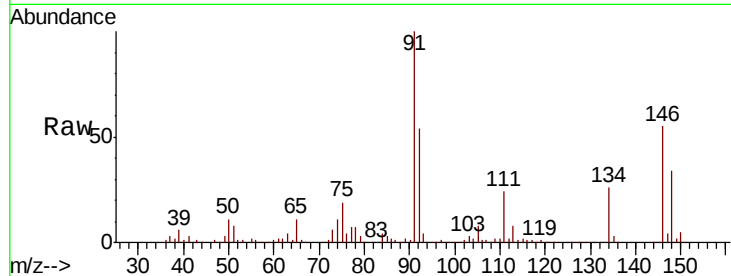




#89
n-Butylbenzene
Concen: 20.512 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

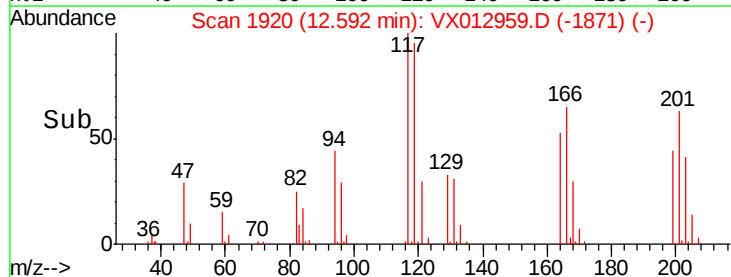
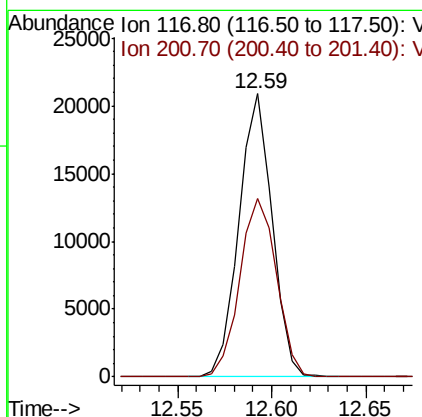
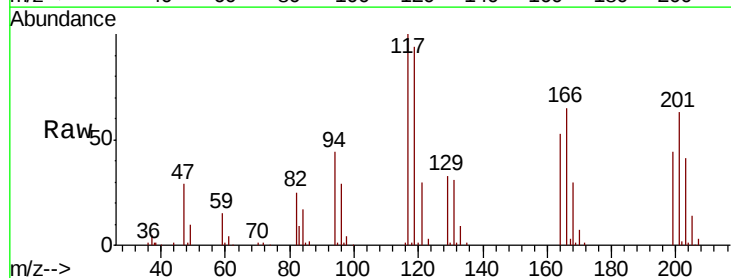
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

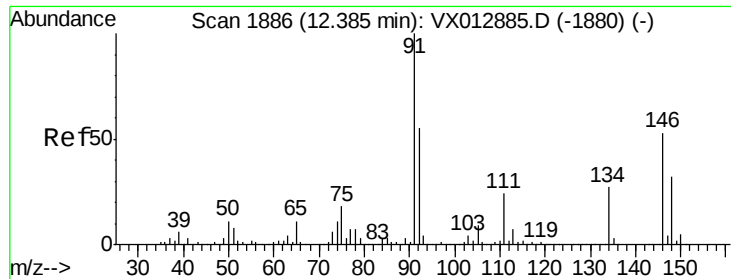
Tot Ion: 91 Resp: 134585
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.5
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 19.039 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion: 117 Resp: 25549
Ion Ratio Lower Upper
117 100
201 69.6 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 20.361 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

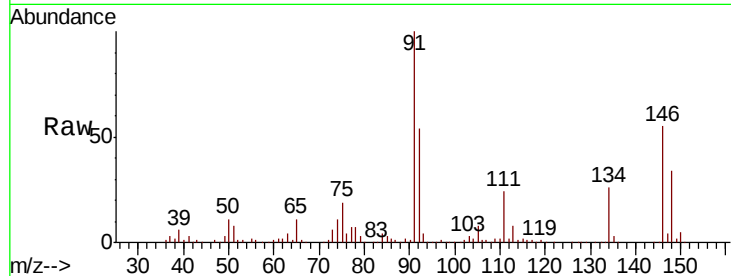
Tot Ion:146 Resp: 77917

Ion Ratio Lower Upper

146 100

111 44.4 22.7 68.0

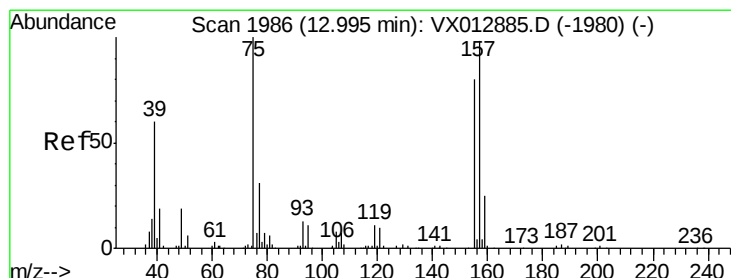
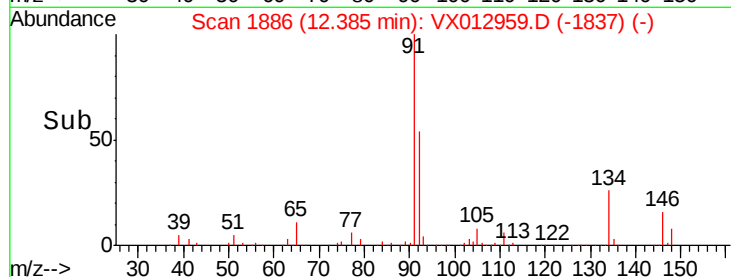
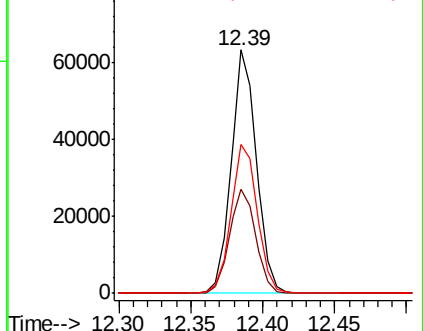
148 63.5 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.424 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012959.D

Acq: 09 Oct 2019 22:21

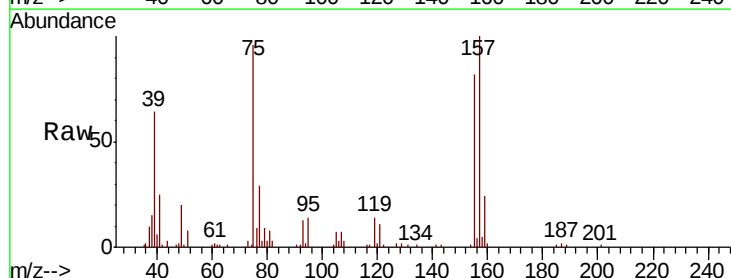
Tgt Ion: 75 Resp: 13507

Ion Ratio Lower Upper

75 100

155 80.3 43.0 128.8

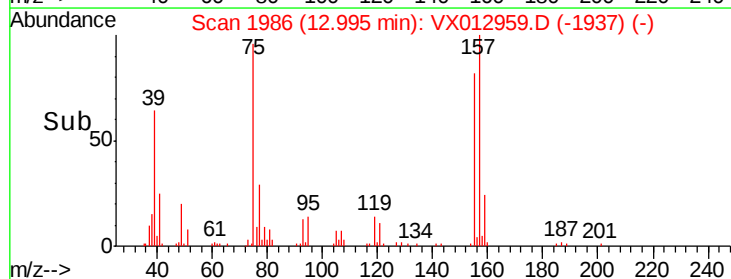
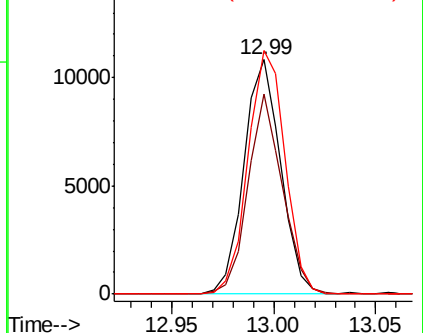
157 104.9 54.1 162.3

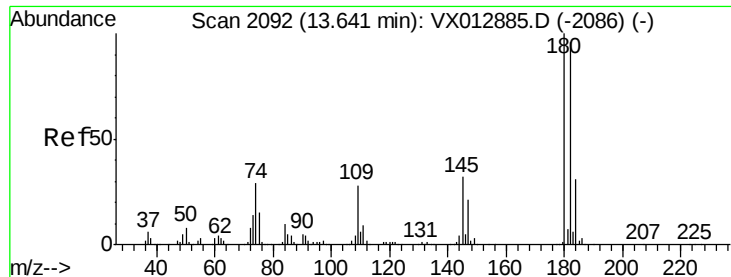


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

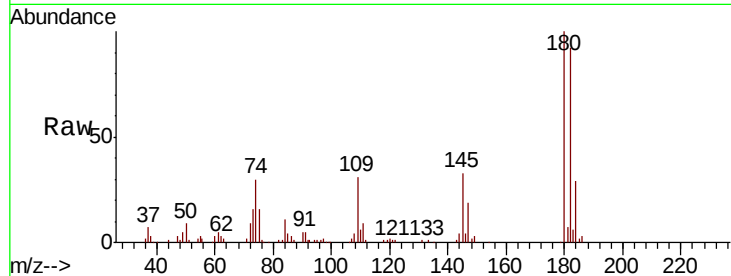




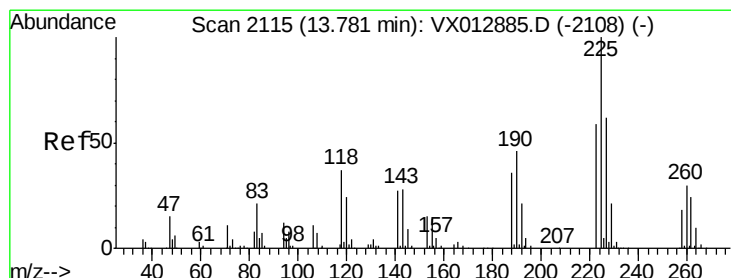
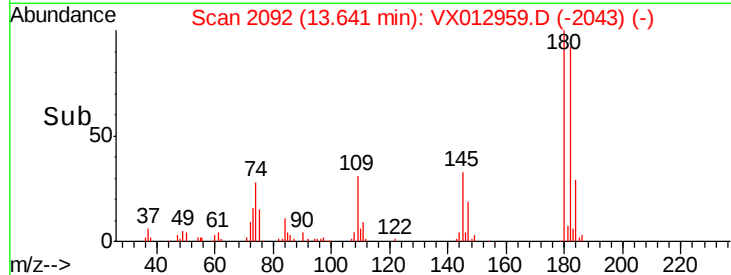
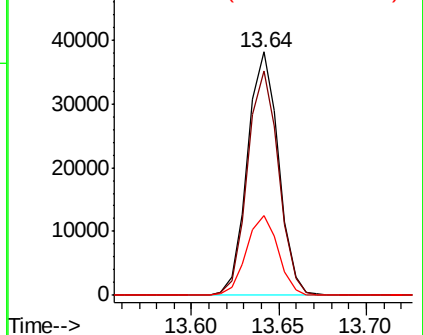
#93
 1,2,4-Trichlorobenzene
 Concen: 19.628 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion:180 Resp: 47052
 Ion Ratio Lower Upper
 180 100
 182 92.5 46.8 140.4
 145 33.5 16.2 48.6

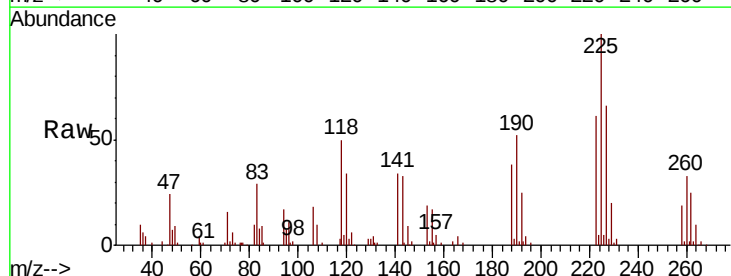


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

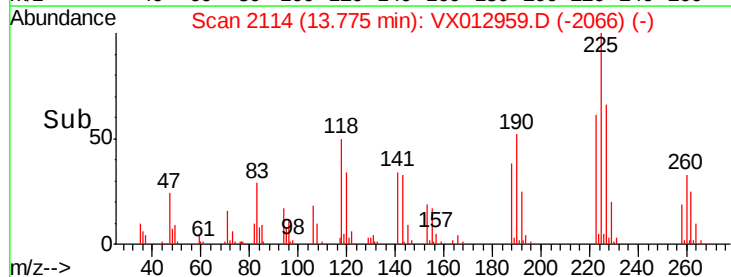
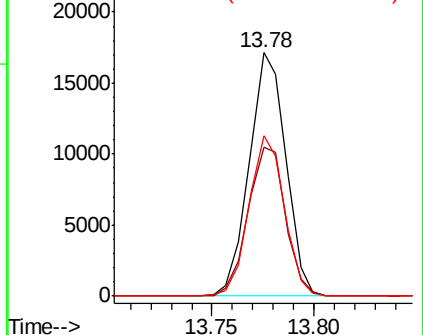


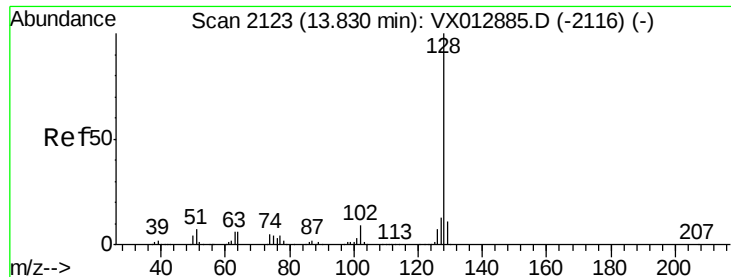
#94
 Hexachlorobutadiene
 Concen: 19.405 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012959.D
 Acq: 09 Oct 2019 22:21

Tgt Ion:225 Resp: 21467
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.2 32.3 96.9



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

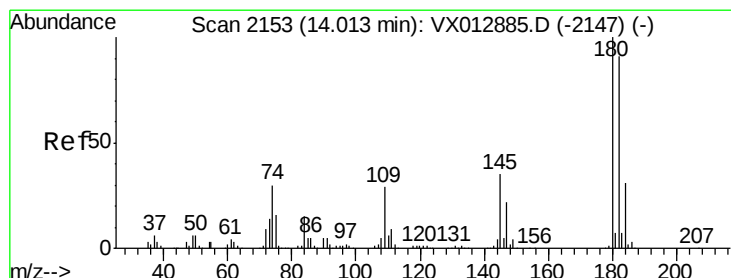
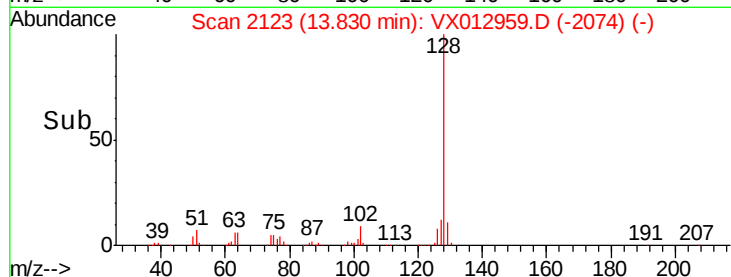
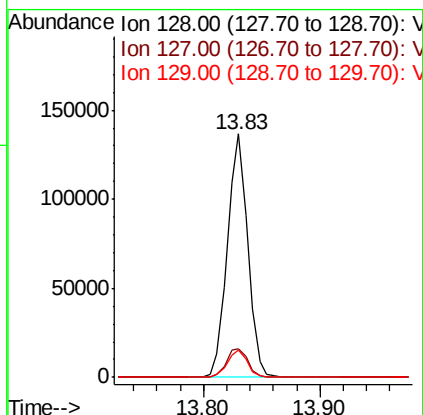
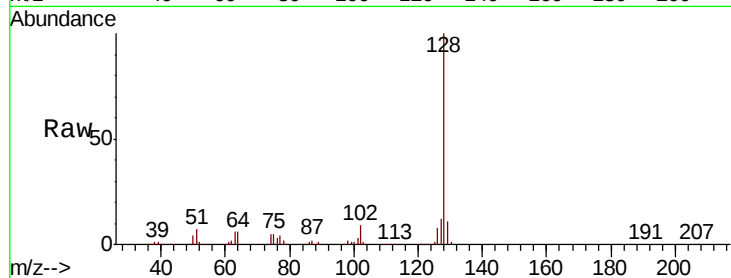




#95
Naphthalene
Concen: 19.980 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion:128 Resp: 166025
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.032 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012959.D
Acq: 09 Oct 2019 22:21

Tgt Ion:180 Resp: 47146
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 35.3 17.4 52.3

