

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
 Data File : VX012655.D
 Acq On : 25 Sep 2019 12:45
 Operator : JC/SP
 Sample : VX0925WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

Quant Time: Sep 25 23:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133698	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.48	113	96907	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	362133	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	140630	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39048	19.726	ug/l	100
3) Chloromethane	1.32	50	44739	19.682	ug/l	97
4) Vinyl Chloride	1.40	62	47277	20.925	ug/l	97
5) Bromomethane	1.63	94	23307	26.238	ug/l	99
6) Chloroethane	1.72	64	31008	20.359	ug/l	98
7) Trichlorofluoromethane	1.92	101	65777	20.736	ug/l	96
8) Diethyl Ether	2.18	74	28062	21.587	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39064	20.219	ug/l	98
10) Methyl Iodide	2.50	142	37981	21.765	ug/l	95
11) Tert butyl alcohol	3.03	59	75063	117.271	ug/l	100
12) 1,1-Dichloroethene	2.36	96	39517	20.888	ug/l	94
13) Acrolein	2.28	56	27335	83.757	ug/l	98
14) Allyl chloride	2.72	41	79746	21.246	ug/l	98
15) Acrylonitrile	3.13	53	141180	108.717	ug/l	99
16) Acetone	2.43	43	136588	100.639	ug/l	99
17) Carbon Disulfide	2.56	76	99221	18.707	ug/l	100
18) Methyl Acetate	2.76	43	68961	21.579	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	154661	21.598	ug/l	99
20) Methylene Chloride	2.84	84	48014	20.916	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	42841	20.440	ug/l	93
22) Diisopropyl ether	3.84	45	154723	21.333	ug/l	98
23) Vinyl Acetate	3.80	43	685737	107.814	ug/l	99
24) 1,1-Dichloroethane	3.69	63	83913	21.285	ug/l	98
25) 2-Butanone	4.66	43	205480	105.589	ug/l	96
26) 2,2-Dichloropropane	4.57	77	71818	20.482	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	49509	20.358	ug/l	100
28) Bromochloromethane	5.00	49	26901	18.792	ug/l	98
29) Tetrahydrofuran	5.12	42	129587	109.253	ug/l	98
30) Chloroform	5.20	83	84204	20.877	ug/l	95
31) Cyclohexane	5.57	56	74558	20.905	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	75106	21.010	ug/l	99
36) 1,1-Dichloropropene	5.79	75	61499	20.063	ug/l	99
37) Ethyl Acetate	4.82	43	76750	21.416	ug/l	98
38) Carbon Tetrachloride	5.78	117	62694	20.134	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71981	19.506	ug/l	96
40) Benzene	6.14	78	185704	20.590	ug/l	100
41) Methacrylonitrile	5.03	41	41282	20.531	ug/l	96
42) 1,2-Dichloroethane	6.18	62	71627	20.913	ug/l	100
43) Isopropyl Acetate	6.43	43	122995	20.523	ug/l	99
44) Trichloroethene	7.21	130	45059	19.542	ug/l	84
45) 1,2-Dichloropropane	7.51	63	49258	21.332	ug/l	100
46) Dibromomethane	7.66	93	32469	20.652	ug/l	94
47) Bromodichloromethane	7.89	83	63063	20.070	ug/l	97
48) Methyl methacrylate	7.76	41	60432	21.030	ug/l	97
49) 1,4-Dioxane	7.73	88	27427	420.791	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	391240	105.757	ug/l	98
52) Toluene	8.78	92	115508	20.377	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	70036	20.145	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	76476	20.147	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46231	20.514	ug/l	98
56) Ethyl methacrylate	9.17	69	79109	20.894	ug/l	95
57) 1,3-Dichloropropane	9.37	76	82304	20.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	178668	105.129	ug/l	98
59) 2-Hexanone	9.48	43	300218	106.021	ug/l	96
60) Dibromochloromethane	9.57	129	45500	19.944	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48727	20.775	ug/l	99
64) Tetrachloroethene	9.33	164	42045	21.470	ug/l	94
65) Chlorobenzene	10.14	112	120404	20.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	43486	20.292	ug/l	98
67) Ethyl Benzene	10.25	91	225069	20.980	ug/l	98
68) m/p-Xylenes	10.35	106	163765	40.751	ug/l	97
69) o-Xylene	10.70	106	81028	20.838	ug/l	99
70) Styrene	10.71	104	133803	20.526	ug/l	99
71) Bromoform	10.85	173	28280	18.952	ug/l #	97
73) Isopropylbenzene	11.01	105	213277	21.088	ug/l	100
74) N-amyl acetate	10.89	43	102257	21.193	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	72022	21.502	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85559	26.047	ug/l	86
77) Bromobenzene	11.25	156	47753	20.862	ug/l	96
78) n-propylbenzene	11.35	91	236390	20.761	ug/l	100
79) 2-Chlorotoluene	11.42	91	147671	20.790	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	181692	21.423	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21715	18.945	ug/l	94
82) 4-Chlorotoluene	11.51	91	172943	21.359	ug/l	97
83) tert-Butylbenzene	11.77	119	170629	20.856	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	182510	21.332	ug/l	97
85) sec-Butylbenzene	11.94	105	200934	21.116	ug/l	99
86) p-Isopropyltoluene	12.06	119	182783	21.288	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83880	20.362	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	85053	20.433	ug/l	97
89) n-Butylbenzene	12.38	91	152435	20.147	ug/l	98
90) Hexachloroethane	12.59	117	29255	19.111	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	86941	21.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17591	20.995	ug/l	94

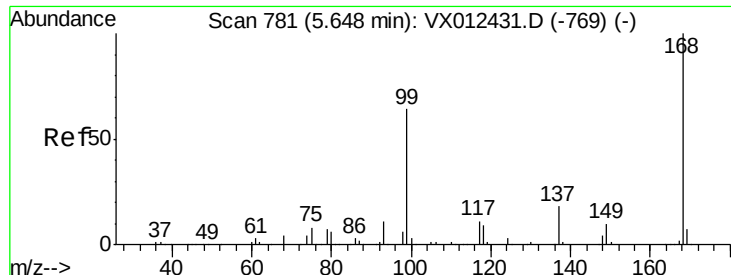
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49741	19.777	ug/l	99
94) Hexachlorobutadiene	13.77	225	22288	20.599	ug/l	95
95) Naphthalene	13.83	128	196487	21.593	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51798	20.559	ug/l	98

(#) = 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. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

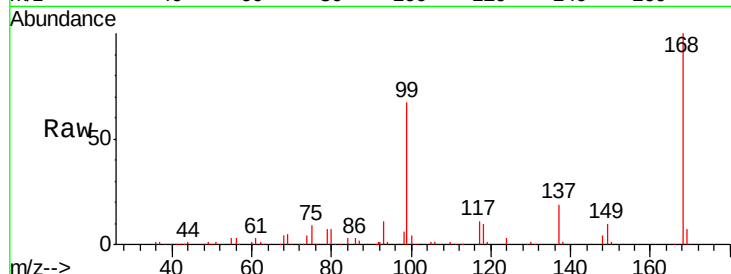
VX0925WBSD01

Tgt Ion:168 Resp: 175960

Ion Ratio Lower Upper

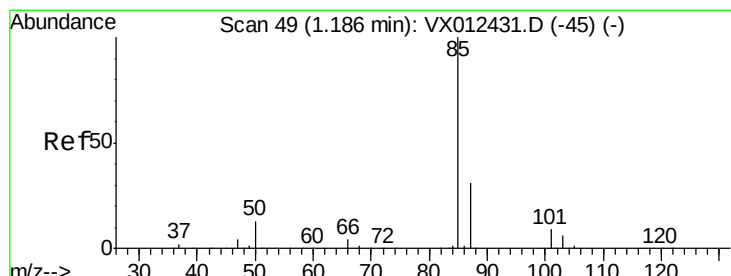
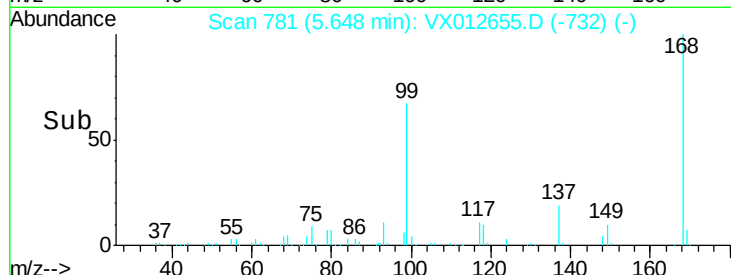
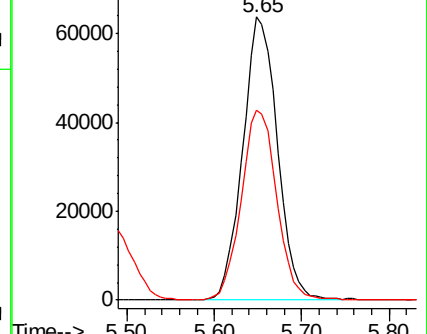
168 100

99 67.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.726 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012655.D

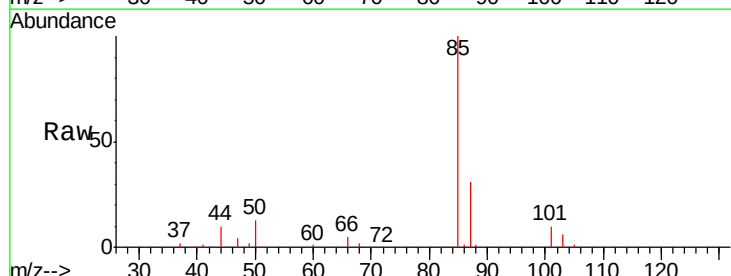
Acq: 25 Sep 2019 12:45

Tgt Ion: 85 Resp: 39048

Ion Ratio Lower Upper

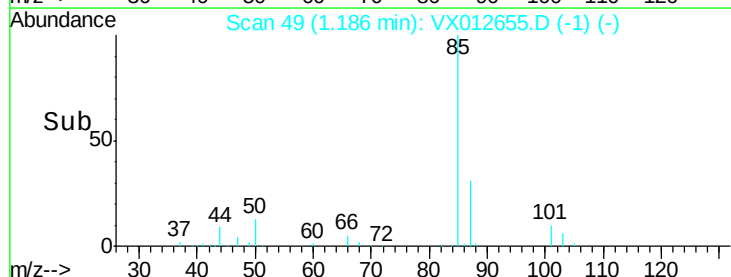
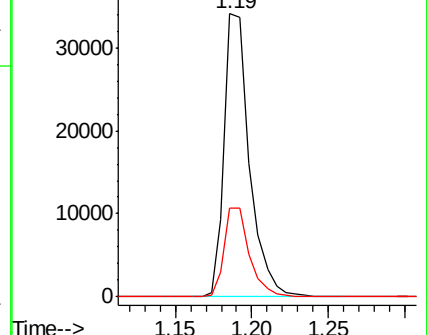
85 100

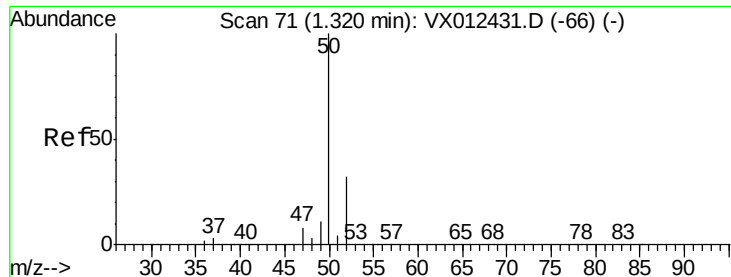
87 31.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.682 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

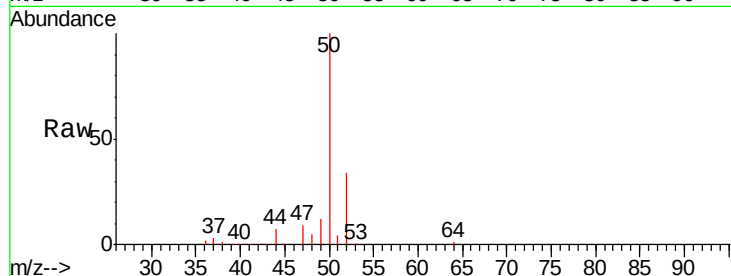
VX0925WBSD01

Tgt Ion: 50 Resp: 44739

Ion Ratio Lower Upper

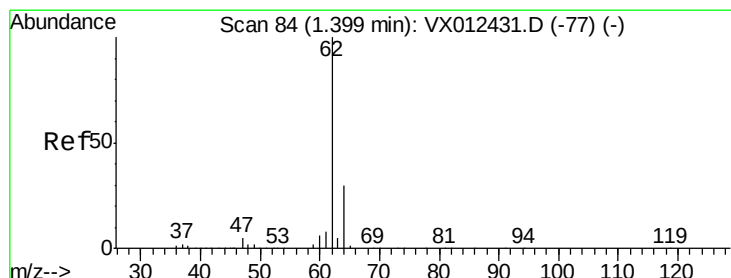
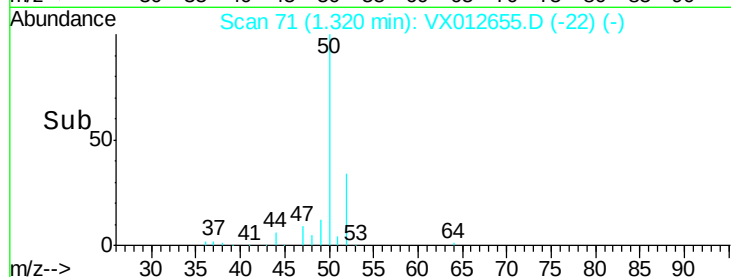
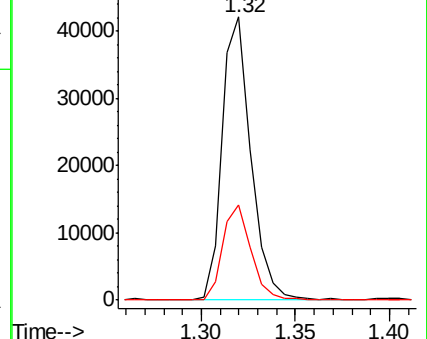
50 100

52 33.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.925 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012655.D

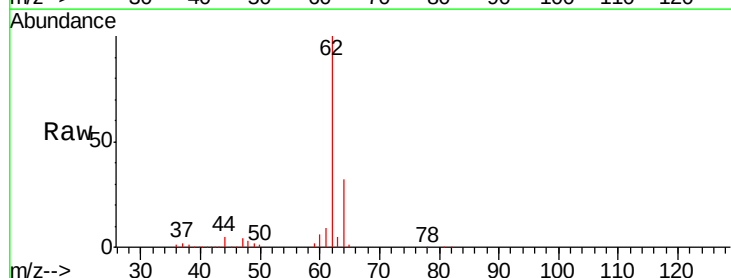
Acq: 25 Sep 2019 12:45

Tgt Ion: 62 Resp: 47277

Ion Ratio Lower Upper

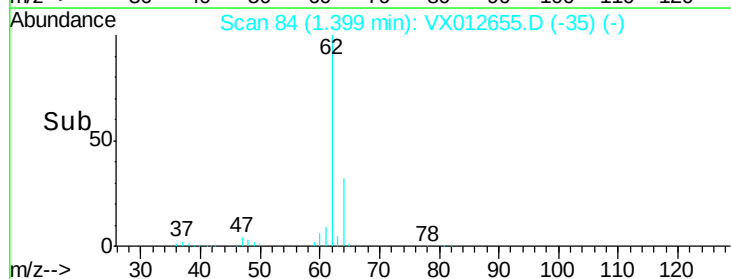
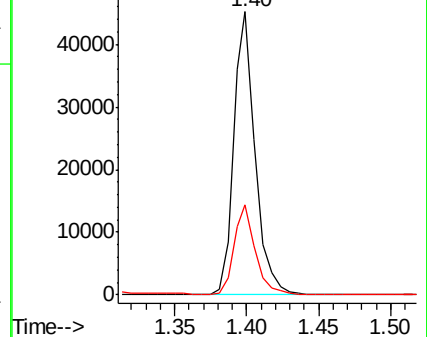
62 100

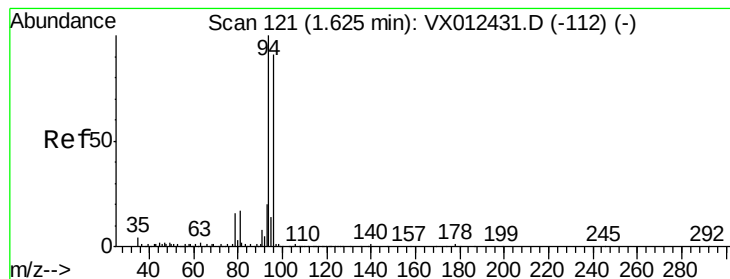
64 31.7 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.238 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

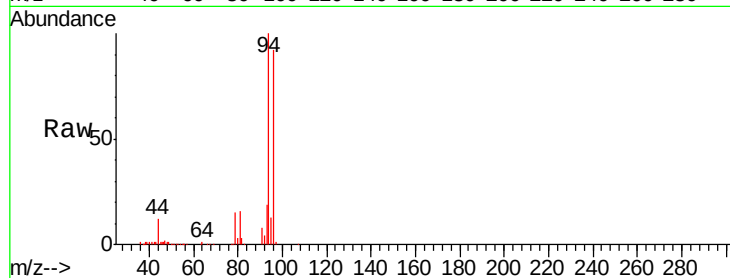
VX0925WBSD01

Tgt Ion: 94 Resp: 23307

Ion Ratio Lower Upper

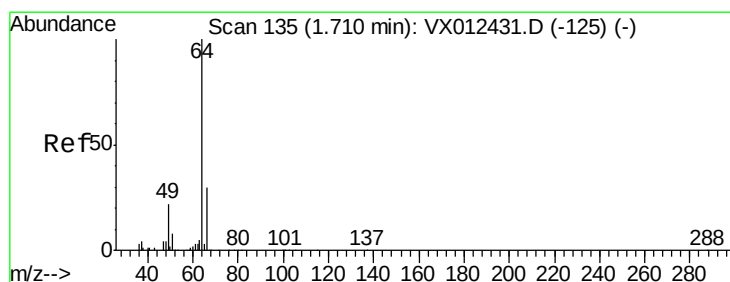
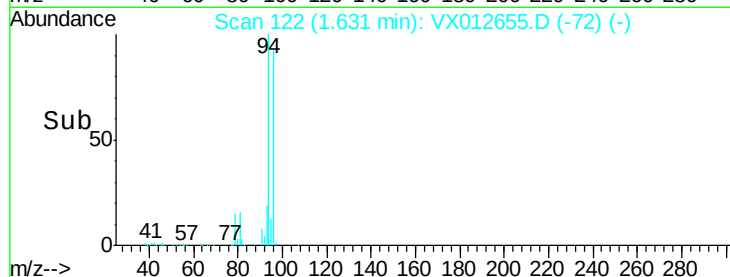
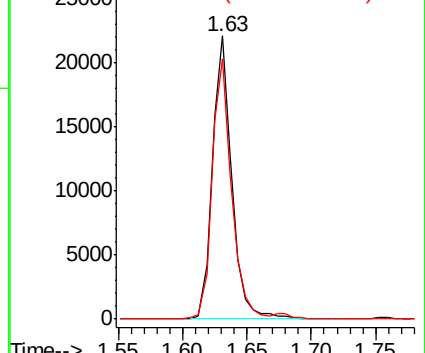
94 100

96 91.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.359 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012655.D

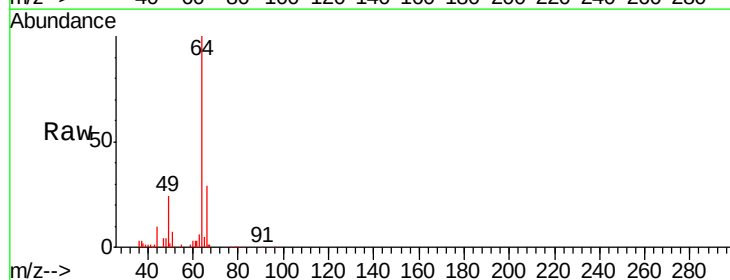
Acq: 25 Sep 2019 12:45

Tgt Ion: 64 Resp: 31008

Ion Ratio Lower Upper

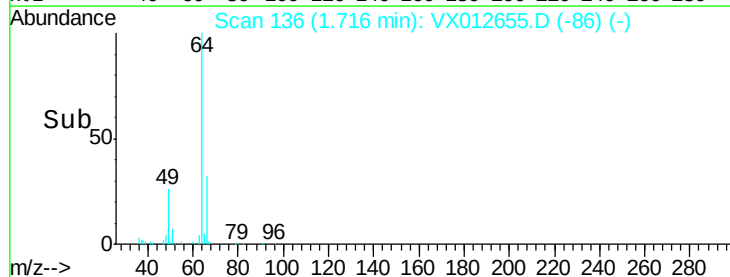
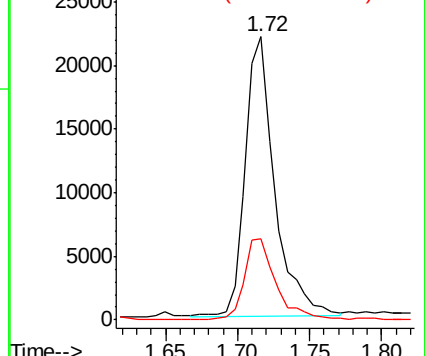
64 100

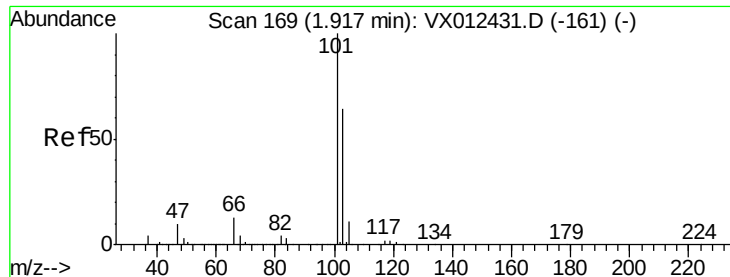
66 29.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



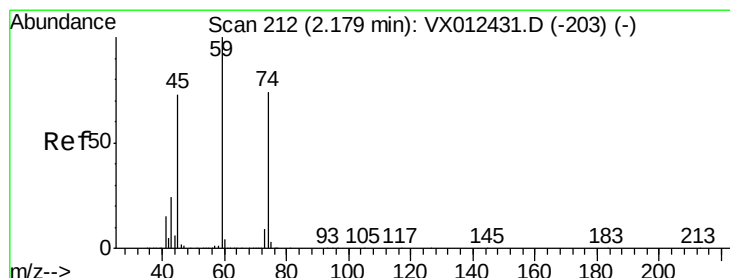
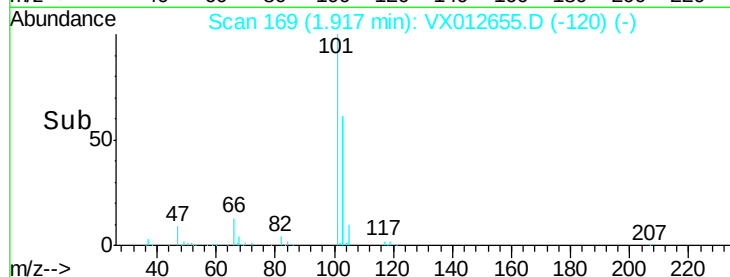
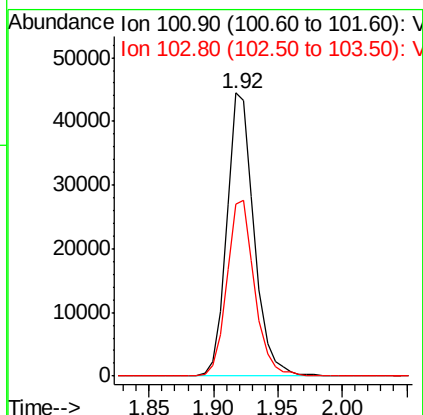
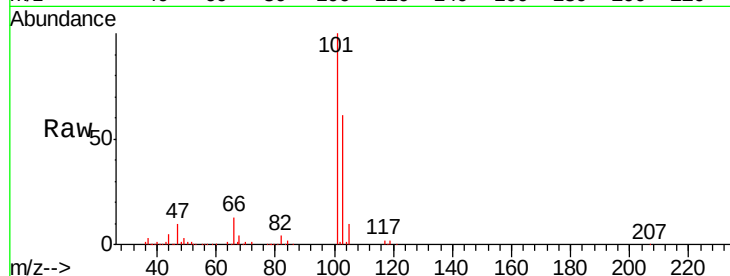


#7

Trichlorofluoromethane
Concen: 20.736 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

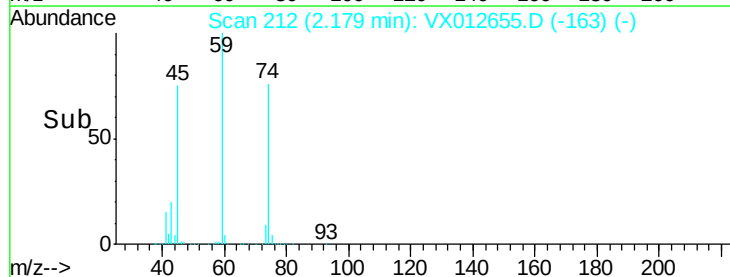
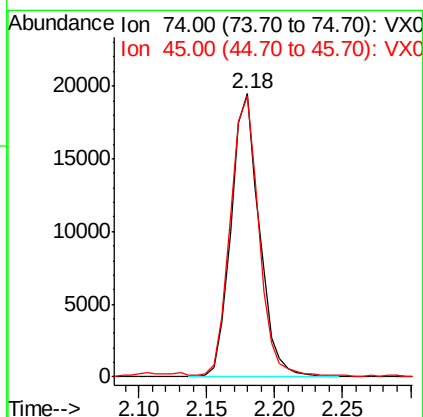
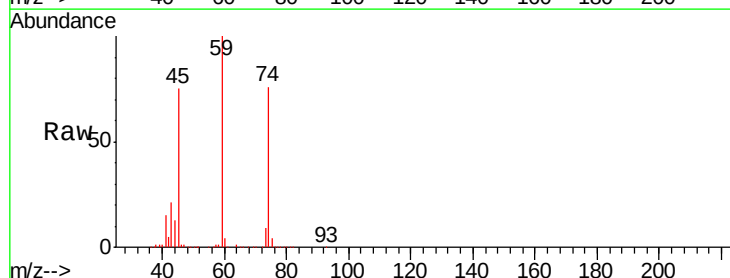
Tgt Ion:101 Resp: 65777
Ion Ratio Lower Upper
101 100
103 60.7 51.0 76.4

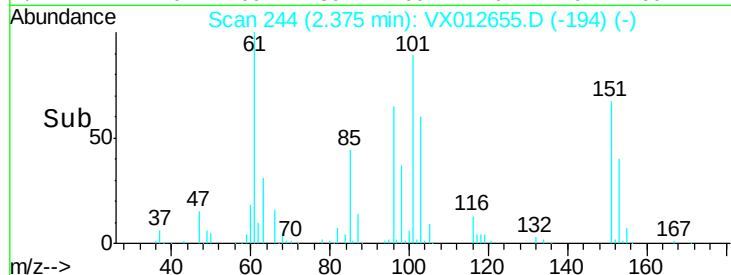
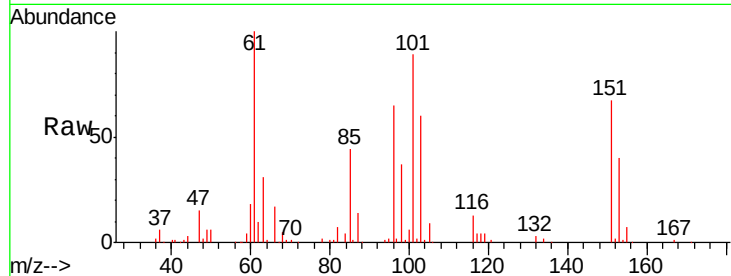
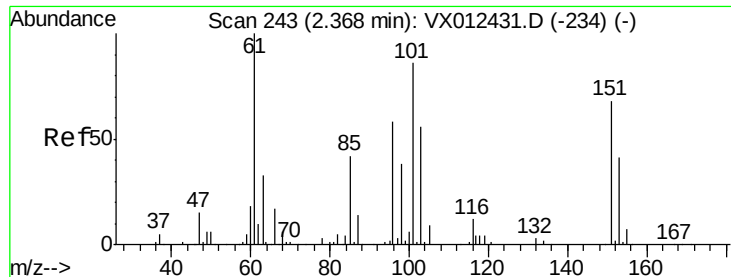


#8

Diethyl Ether
Concen: 21.587 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 74 Resp: 28062
Ion Ratio Lower Upper
74 100
45 101.7 49.9 149.7

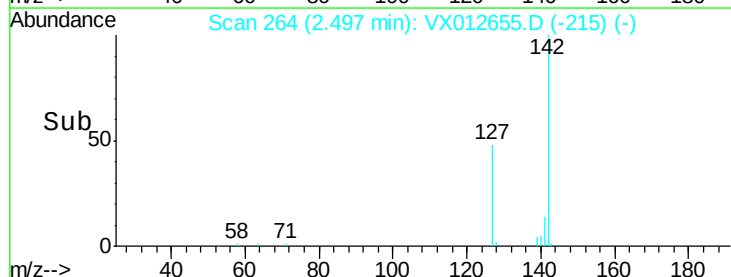
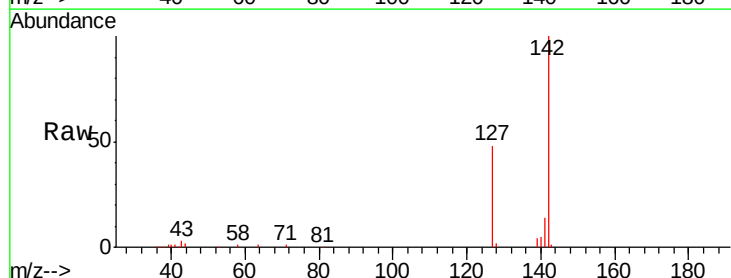
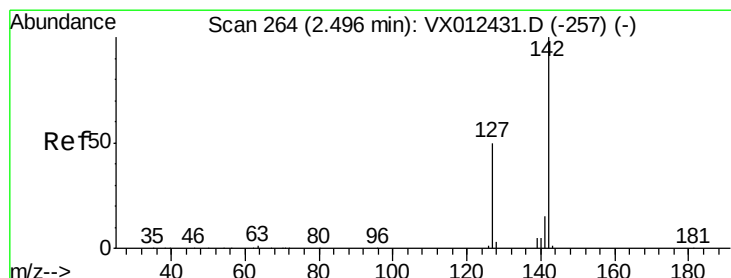
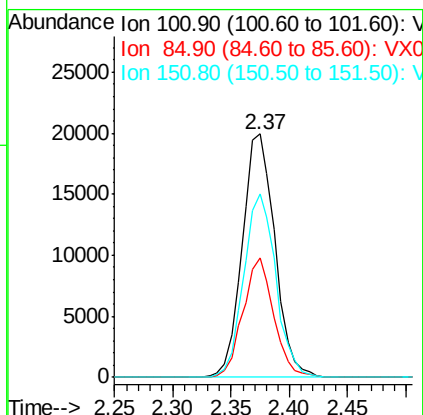




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.219 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

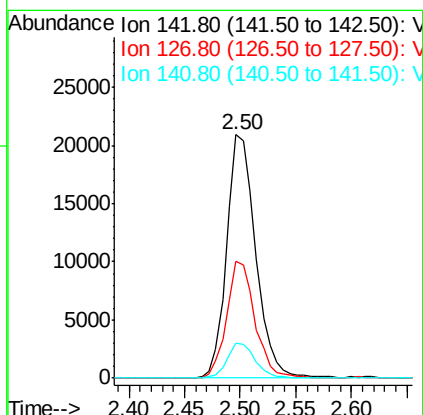
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

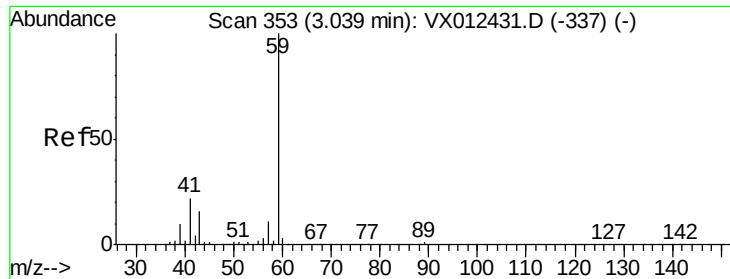
Tgt Ion:101 Resp: 39064
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 74.3 61.0 91.4



#10
Methyl Iodide
Concen: 21.765 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:142 Resp: 37981
Ion Ratio Lower Upper
142 100
127 46.8 40.8 61.2
141 13.8 12.1 18.1

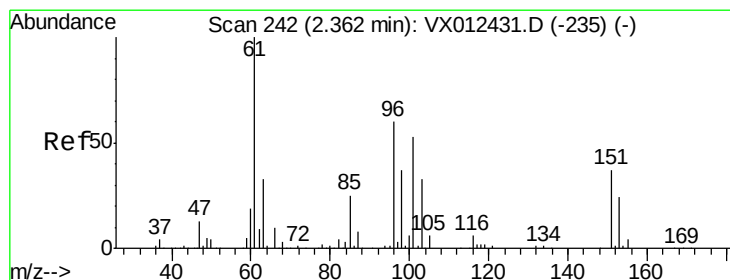
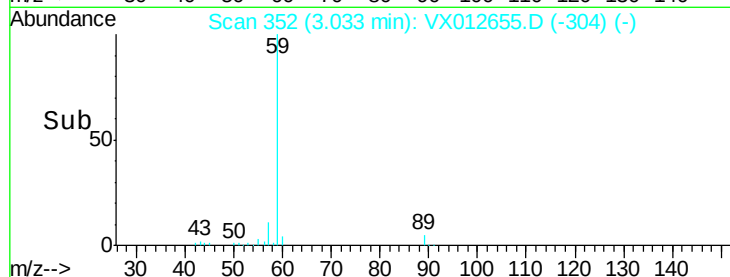
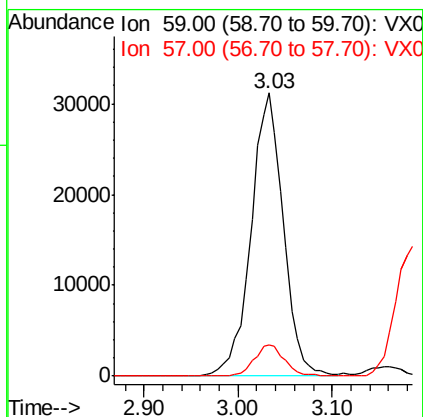
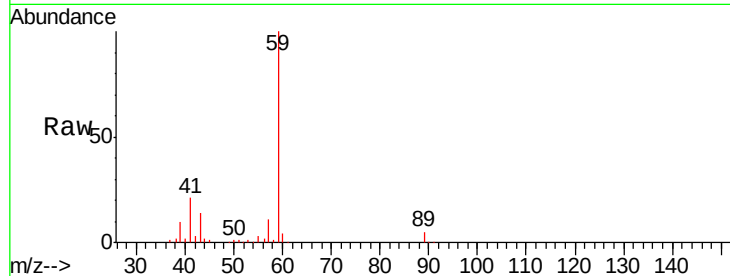




#11
Tert butyl alcohol
Concen: 117.271 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

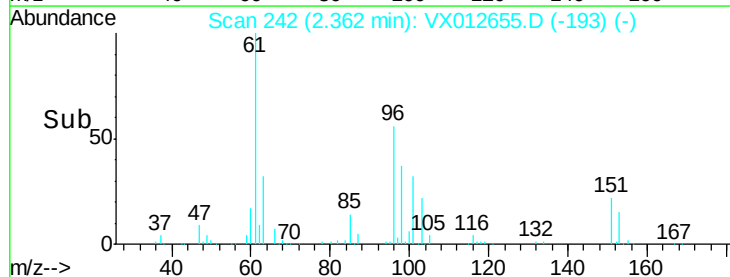
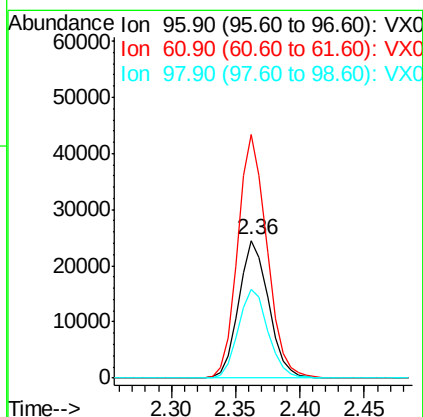
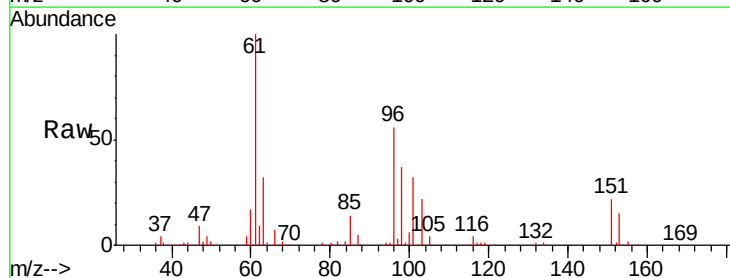
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

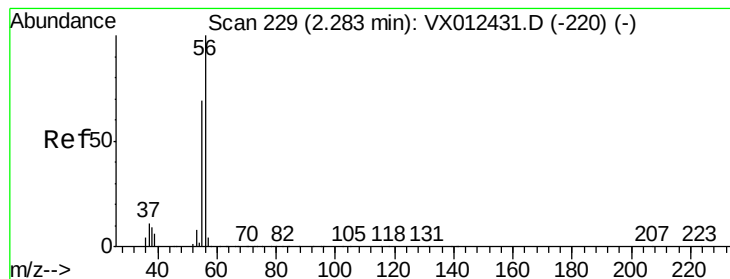
Tgt Ion: 59 Resp: 75063
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.888 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 96 Resp: 39517
Ion Ratio Lower Upper
96 100
61 177.0 133.8 200.6
98 65.0 49.9 74.9





#13

Acrolein

Concen: 83.757 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

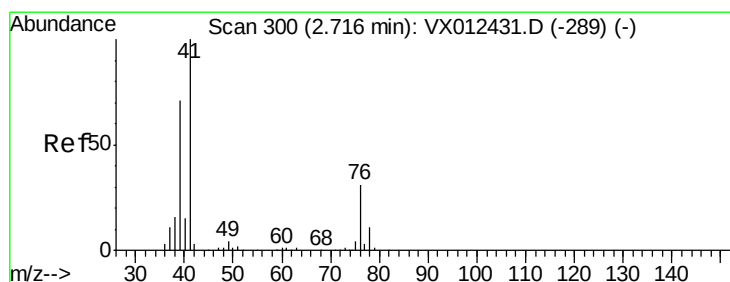
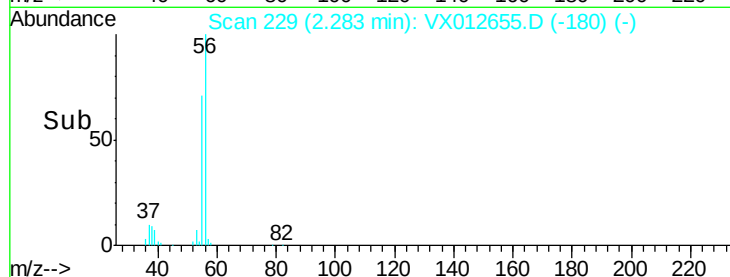
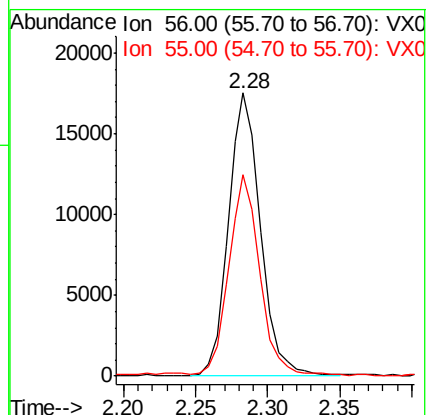
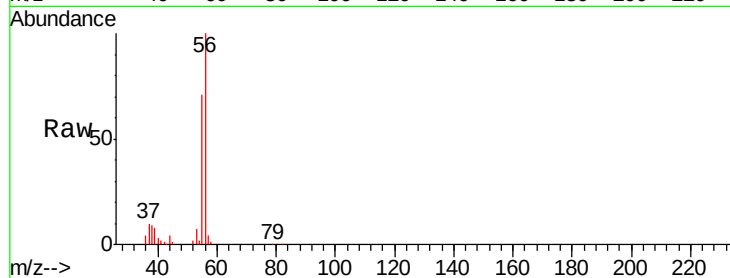
VX0925WBSD01

Tgt Ion: 56 Resp: 27335

Ion Ratio Lower Upper

56 100

55 67.9 55.8 83.8



#14

Allyl chloride

Concen: 21.246 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

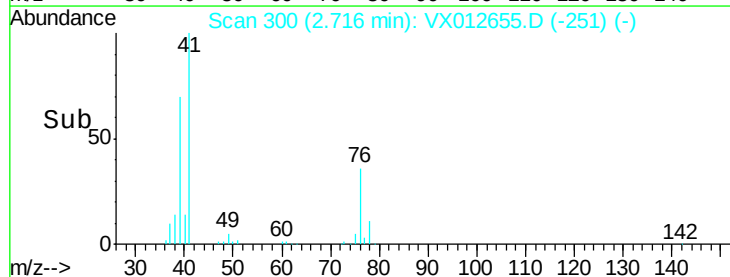
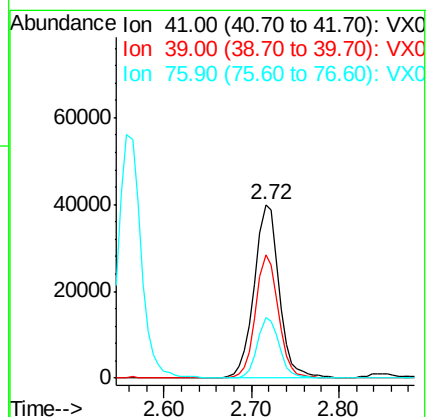
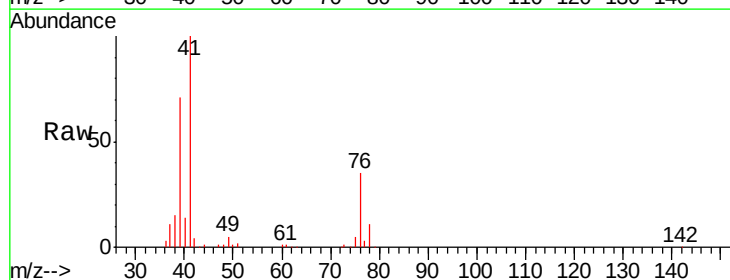
Tgt Ion: 41 Resp: 79746

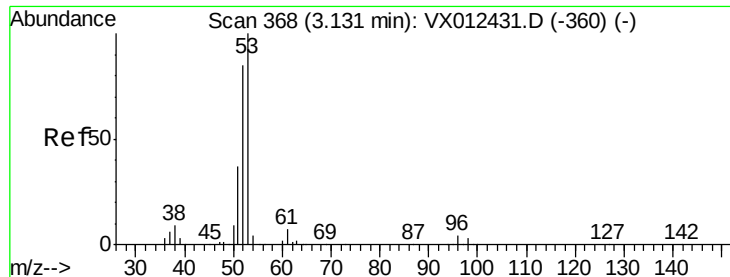
Ion Ratio Lower Upper

41 100

39 64.7 51.3 76.9

76 30.6 22.6 33.8





#15

Acrylonitrile

Concen: 108.717 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

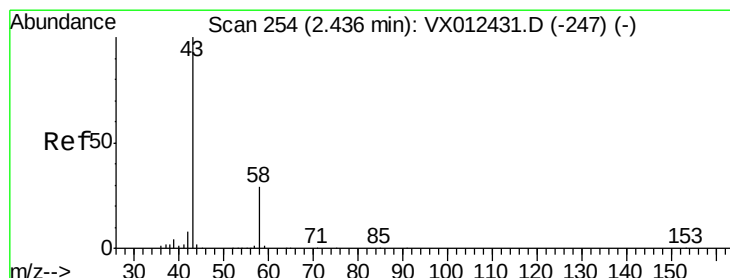
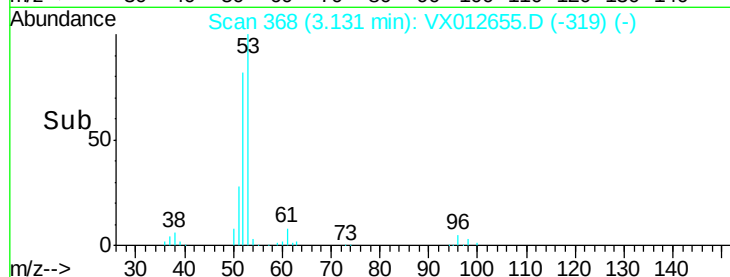
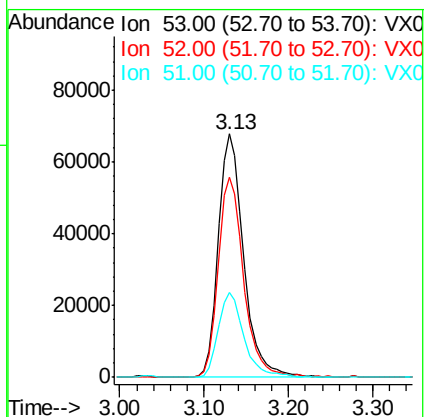
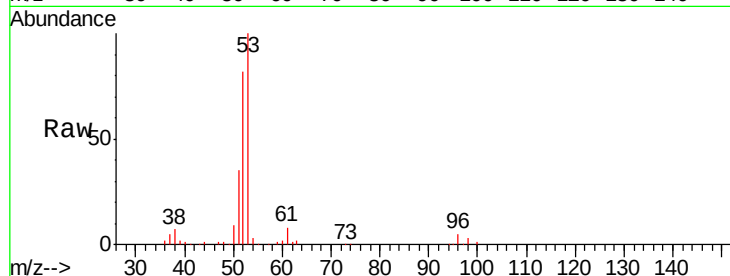
Tgt Ion: 53 Resp: 141180

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

51 36.0 29.6 44.4



#16

Acetone

Concen: 100.639 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012655.D

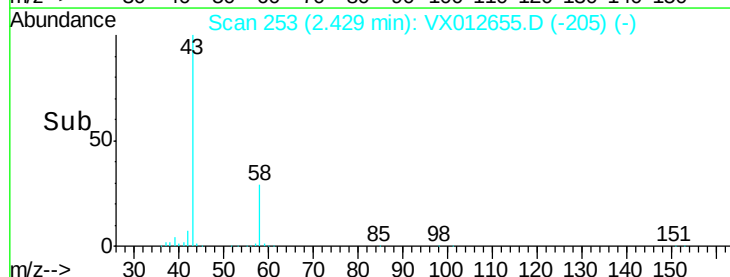
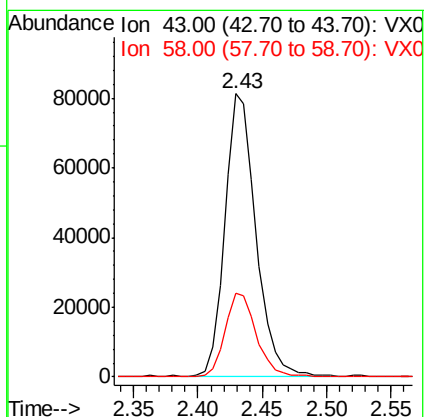
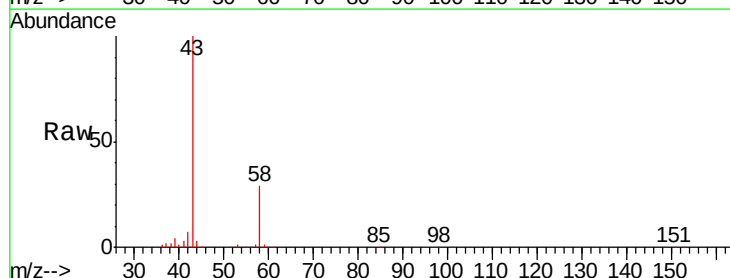
Acq: 25 Sep 2019 12:45

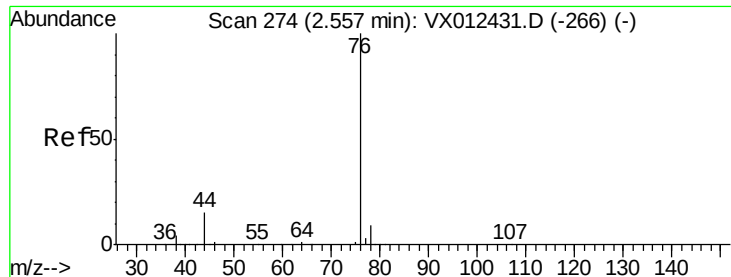
Tgt Ion: 43 Resp: 136588

Ion Ratio Lower Upper

43 100

58 29.5 23.3 34.9





#17

Carbon Disulfide

Concen: 18.707 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

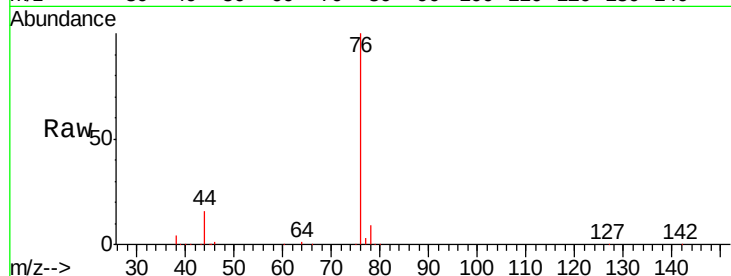
VX0925WBSD01

Tgt Ion: 76 Resp: 99221

Ion Ratio Lower Upper

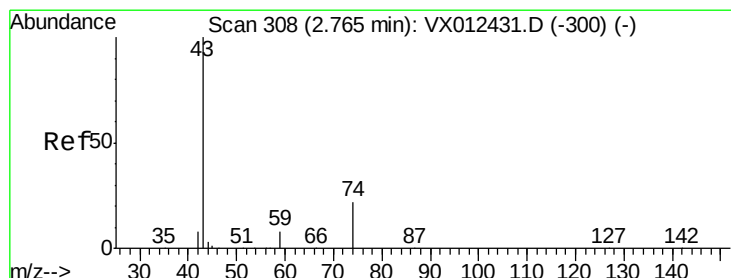
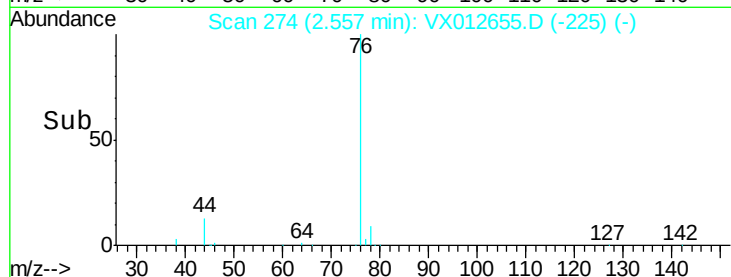
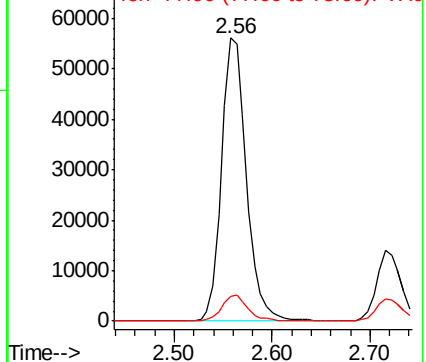
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.579 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012655.D

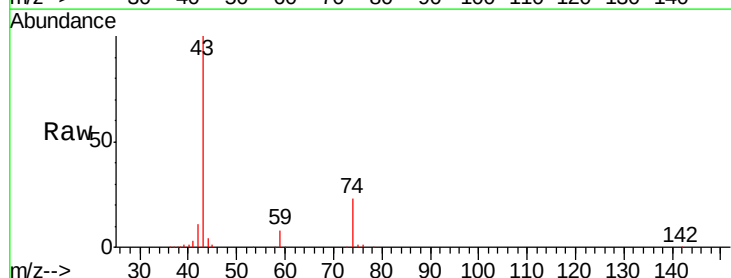
Acq: 25 Sep 2019 12:45

Tgt Ion: 43 Resp: 68961

Ion Ratio Lower Upper

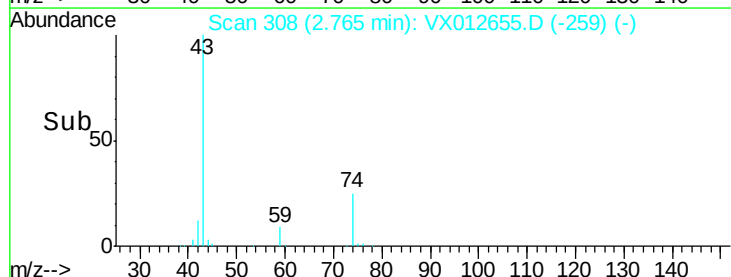
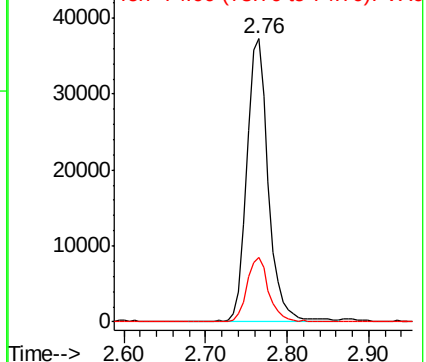
43 100

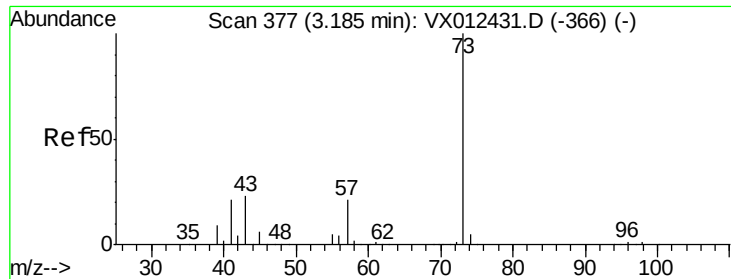
74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

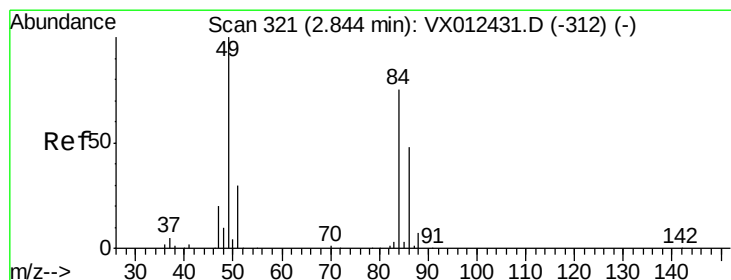
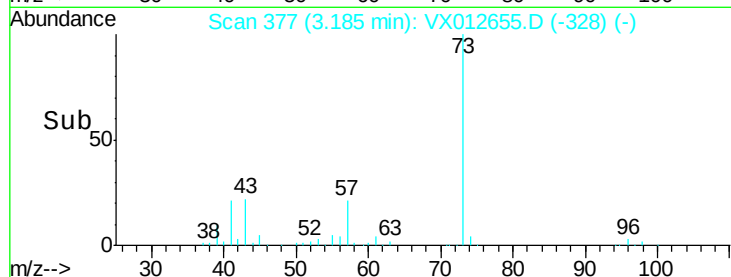
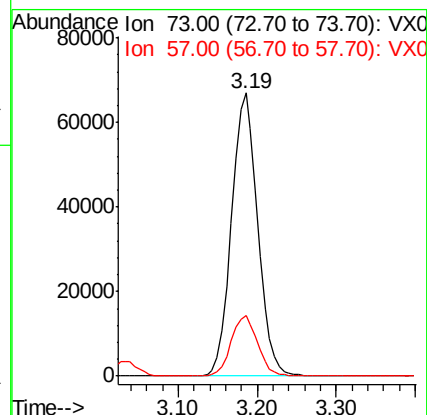
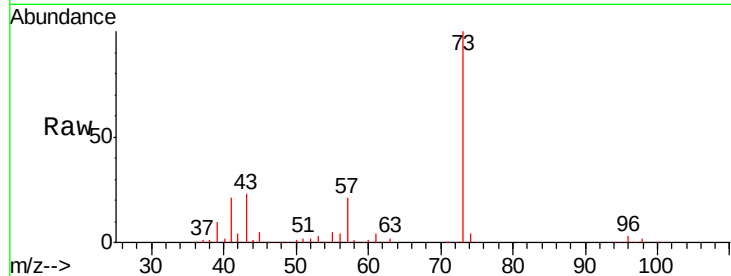




#19
Methyl tert-butyl Ether
Concen: 21.598 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

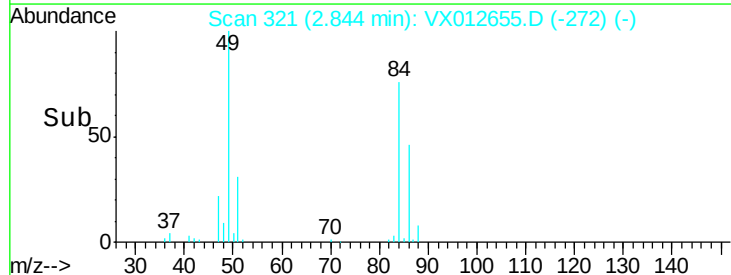
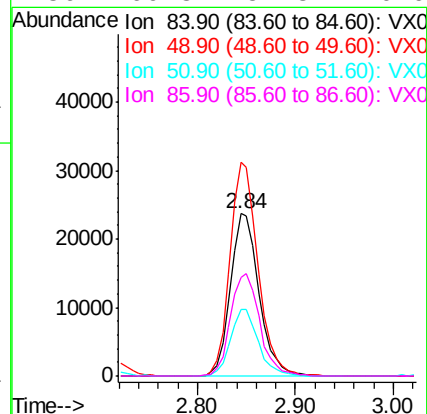
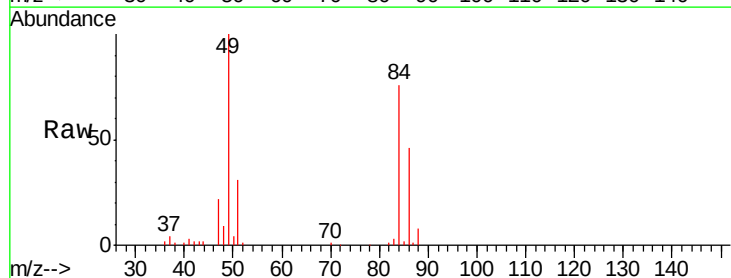
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

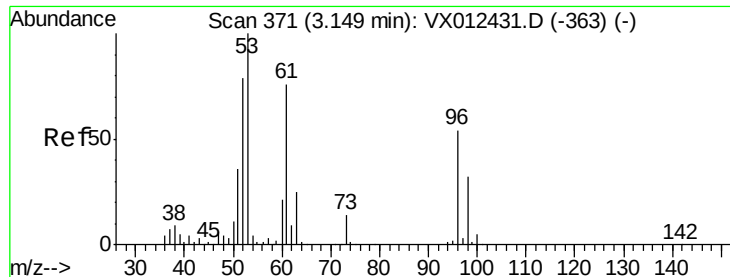
Tgt Ion: 73 Resp: 154661
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#20
Methylene Chloride
Concen: 20.916 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 84 Resp: 48014
Ion Ratio Lower Upper
84 100
49 131.7 106.8 160.2
51 40.8 32.3 48.5
86 60.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.440 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

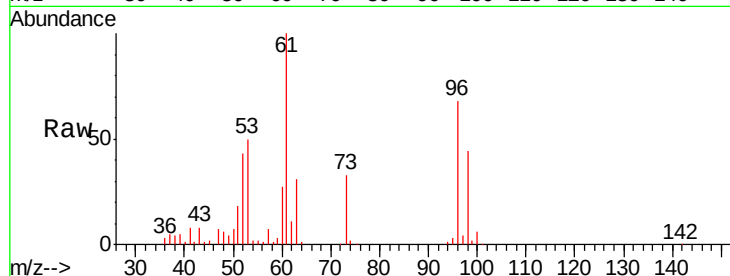
Tgt Ion: 96 Resp: 42841

Ion Ratio Lower Upper

96 100

61 147.6 112.0 168.0

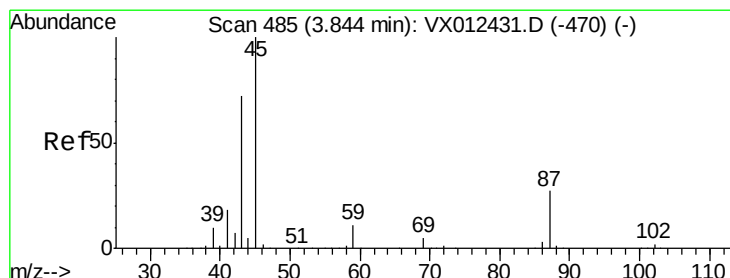
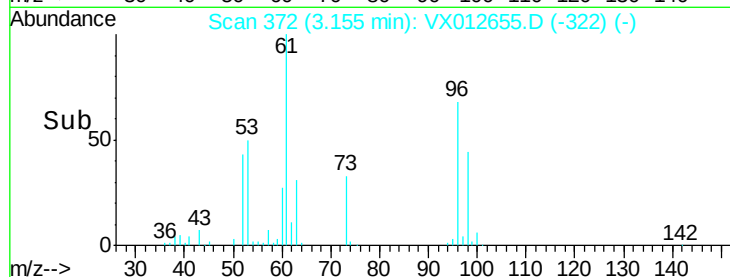
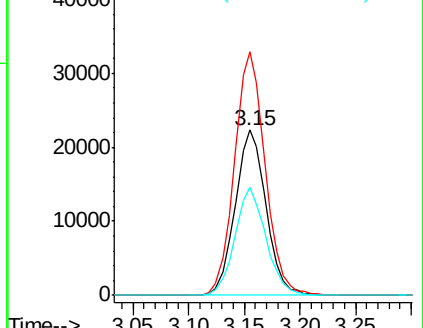
98 65.3 47.8 71.8



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



#22

Diisopropyl ether

Concen: 21.333 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Tgt Ion: 45 Resp: 154723

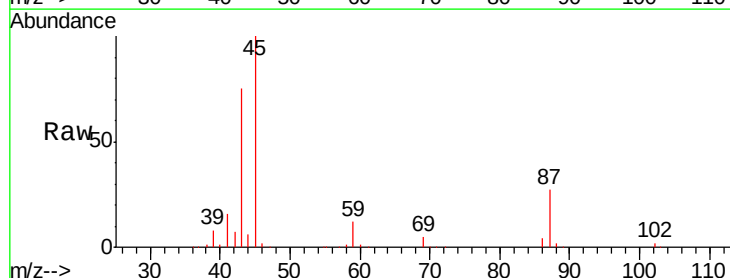
Ion Ratio Lower Upper

45 100

43 74.3 57.8 86.8

87 27.4 21.3 31.9

59 11.6 8.5 12.7

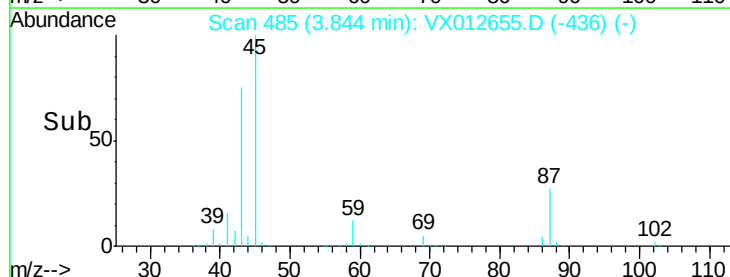
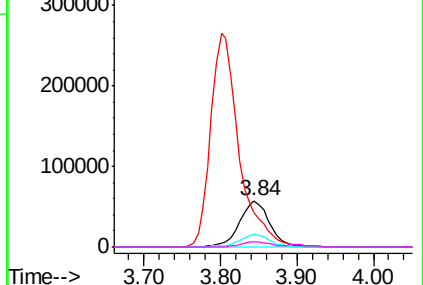


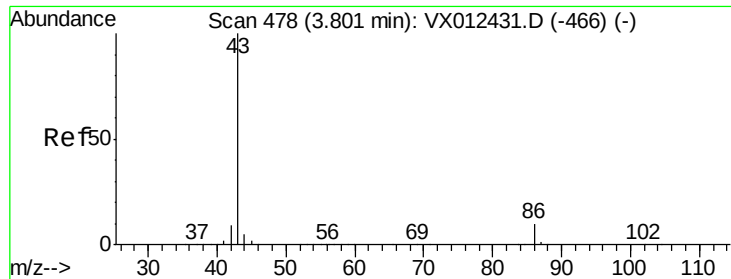
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.814 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

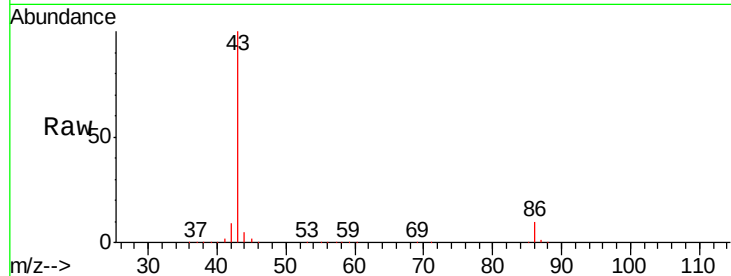
VX0925WBSD01

Tgt Ion: 43 Resp: 685737

Ion Ratio Lower Upper

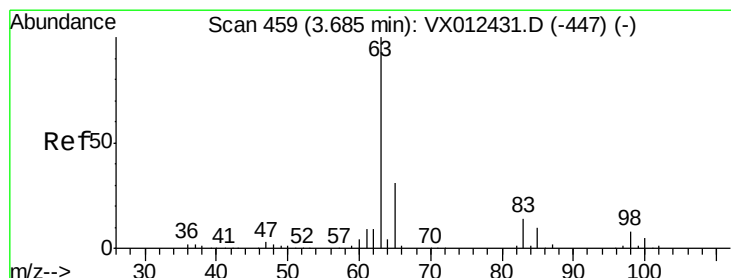
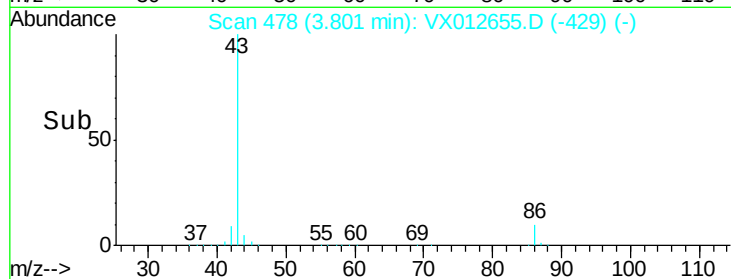
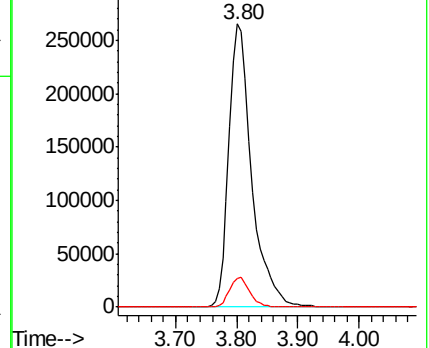
43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.285 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

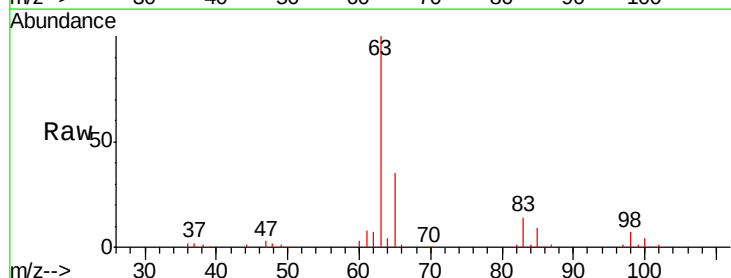
Tgt Ion: 63 Resp: 83913

Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

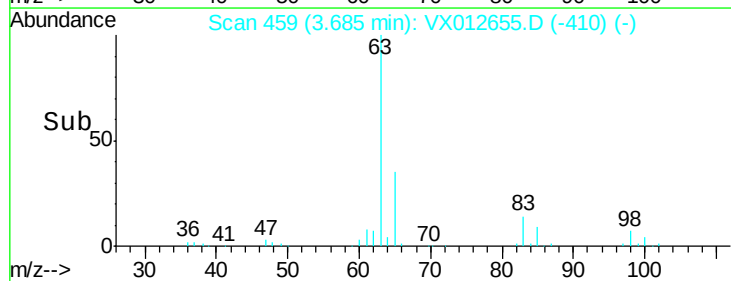
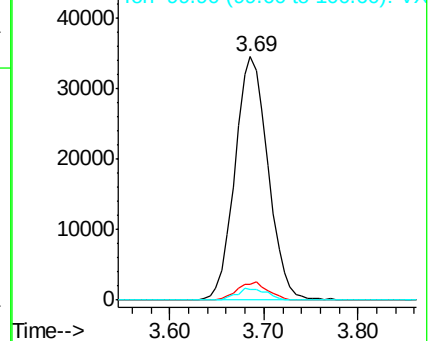
100 4.5 2.3 6.9

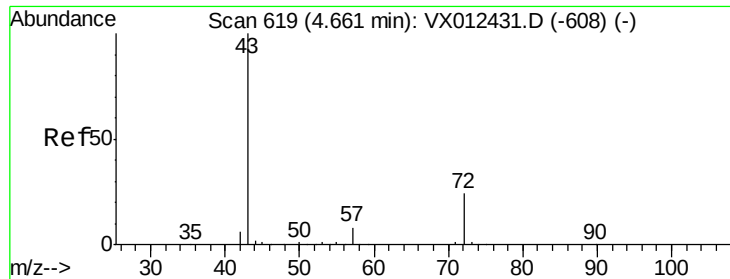


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.589 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

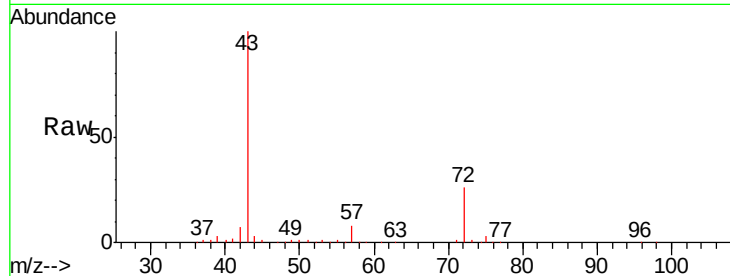
VX0925WBSD01

Tgt Ion: 43 Resp: 205480

Ion Ratio Lower Upper

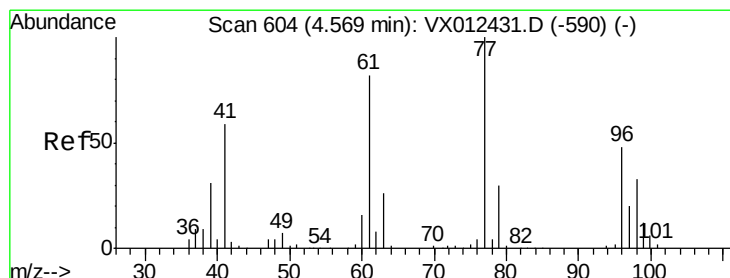
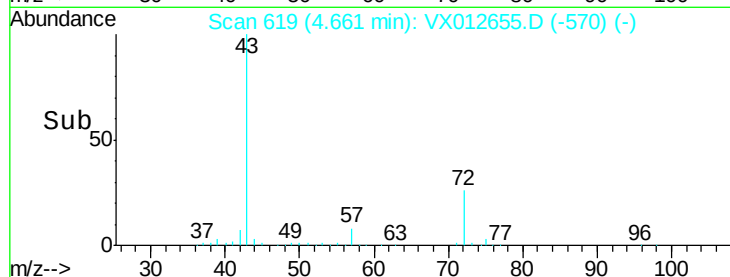
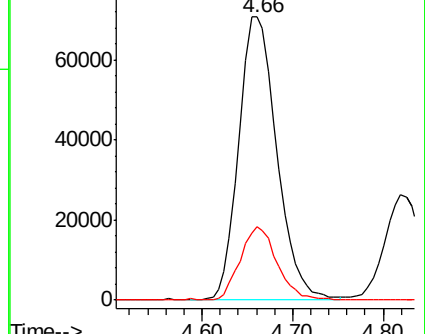
43 100

72 26.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.482 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012655.D

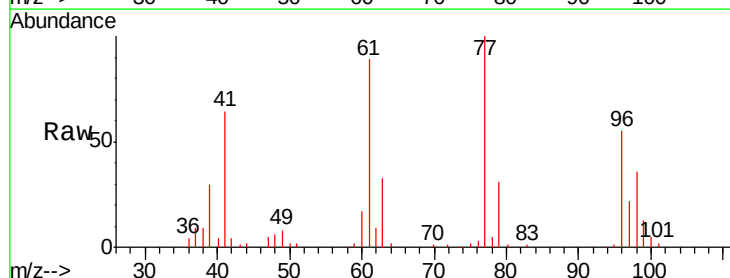
Acq: 25 Sep 2019 12:45

Tgt Ion: 77 Resp: 71818

Ion Ratio Lower Upper

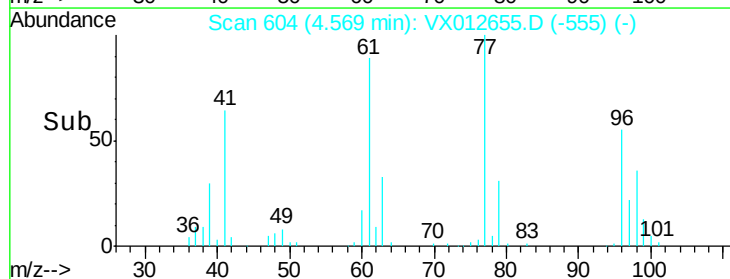
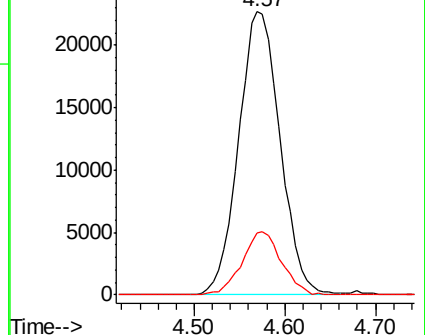
77 100

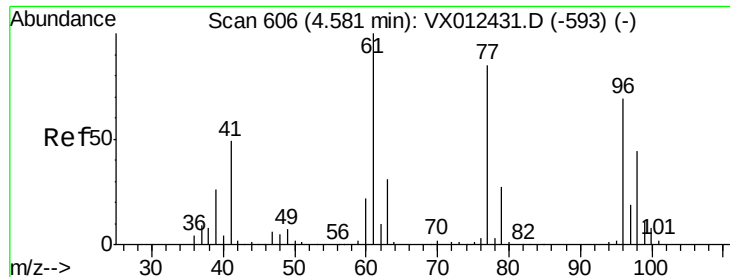
97 21.1 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



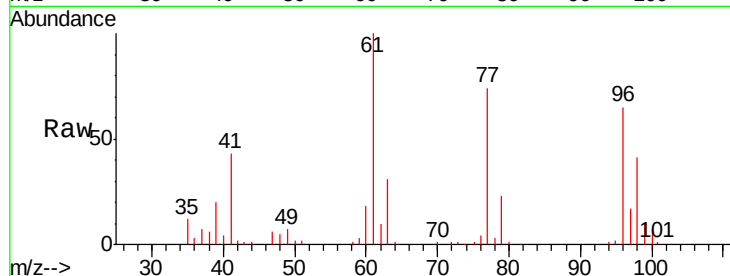


#27

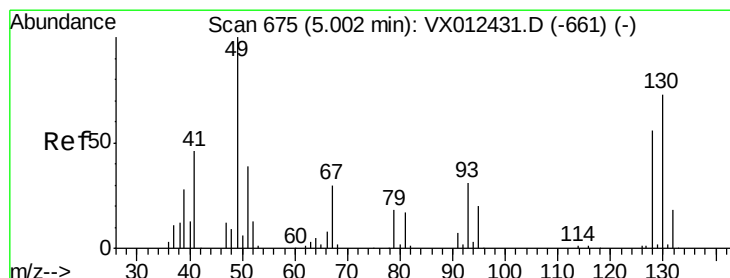
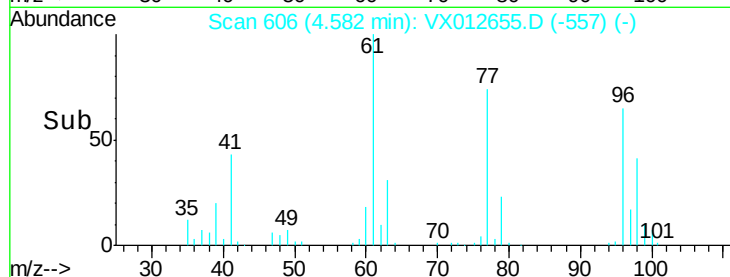
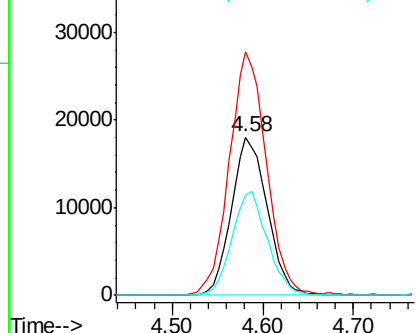
cis-1,2-Dichloroethene
Concen: 20.358 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Instrument :
MSVOA_X
ClientSampled :
VX0925WBSD01

Tgt Ion: 96 Resp: 49509
Ion Ratio Lower Upper
96 100
61 159.9 0.0 319.4
98 64.9 0.0 130.6



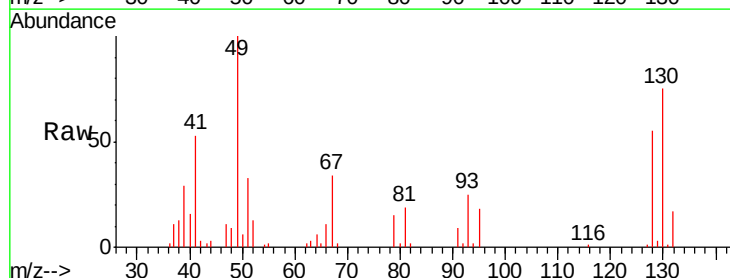
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



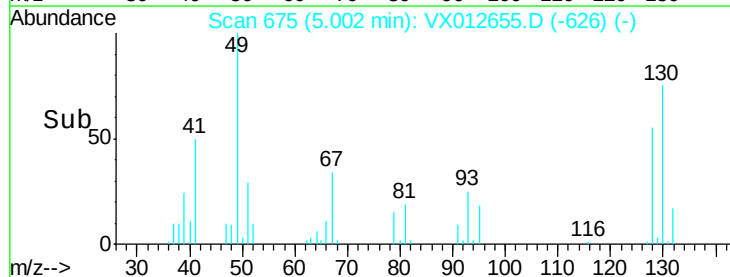
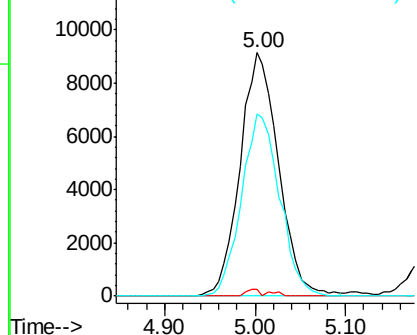
#28

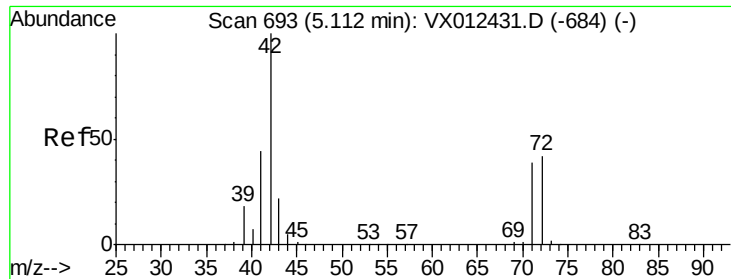
Bromochloromethane
Concen: 18.792 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 49 Resp: 26901
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 74.2 58.2 87.4



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

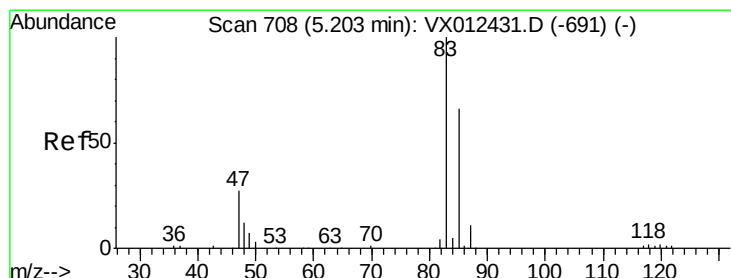
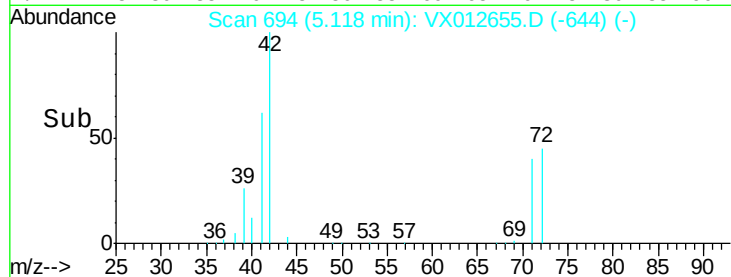
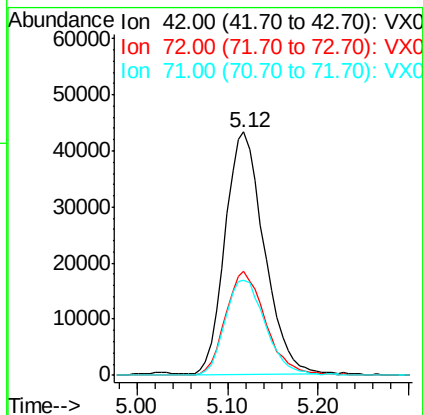
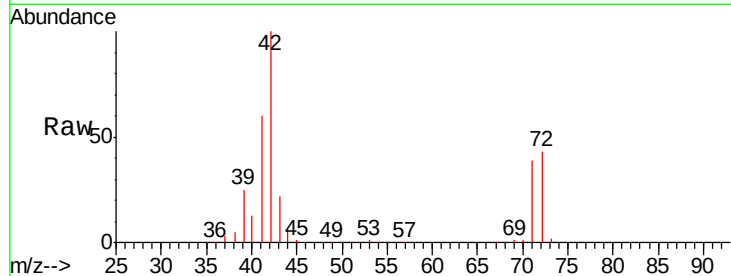




#29
Tetrahydrofuran
Concen: 109.253 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

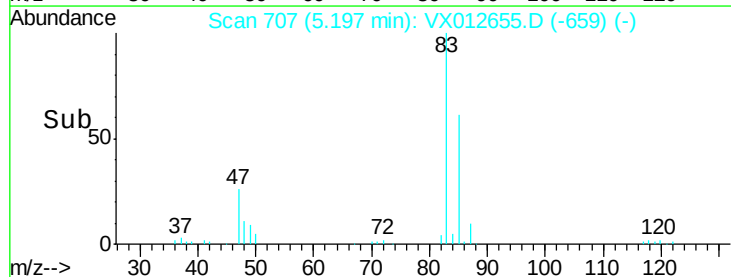
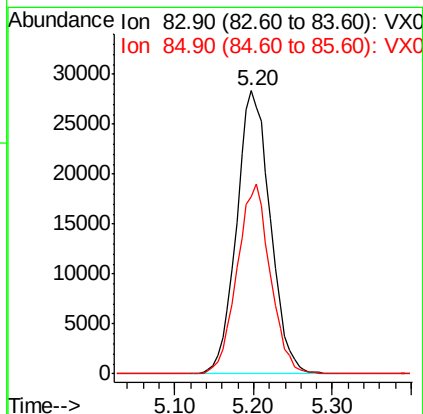
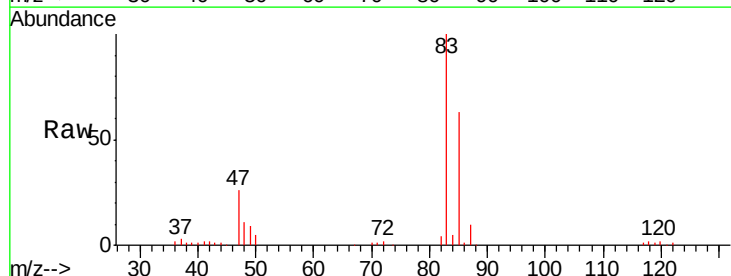
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

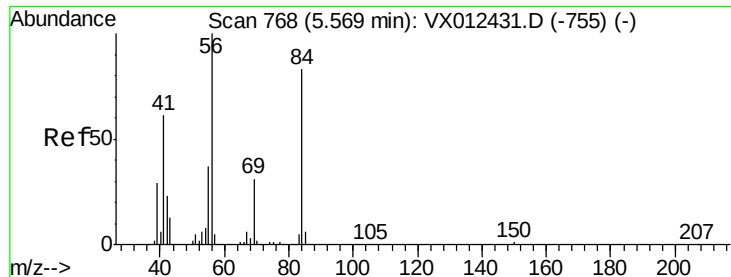
Tgt Ion: 42 Resp: 129587
Ion Ratio Lower Upper
42 100
72 43.9 34.0 51.0
71 40.7 31.5 47.3



#30
Chloroform
Concen: 20.877 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 83 Resp: 84204
Ion Ratio Lower Upper
83 100
85 62.5 53.0 79.4

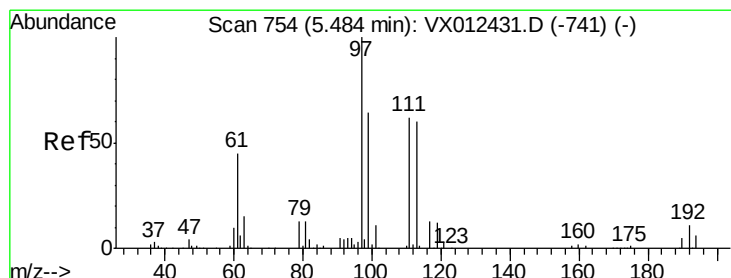
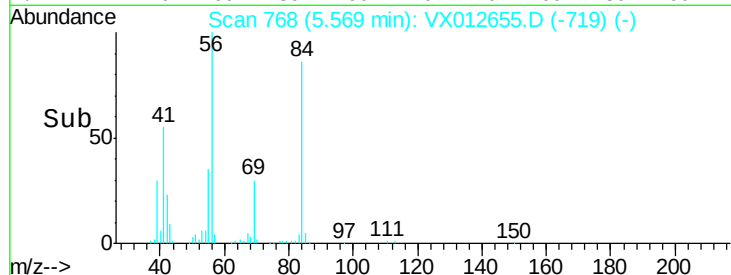
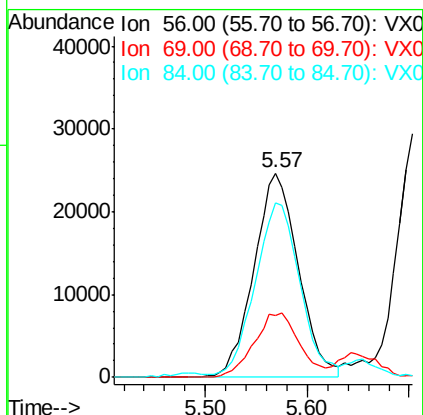
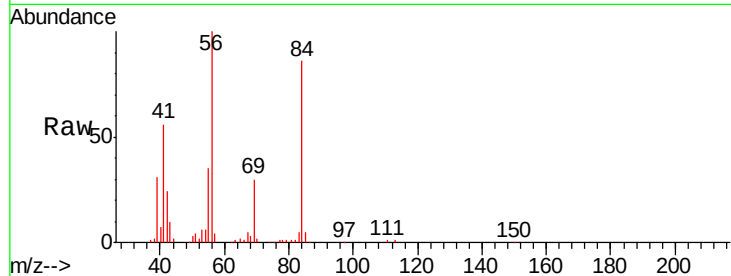




#31
Cyclohexane
Concen: 20.905 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

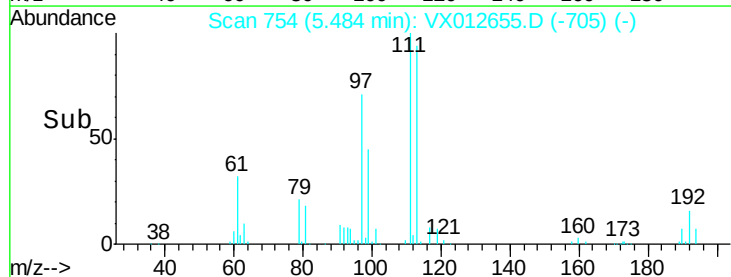
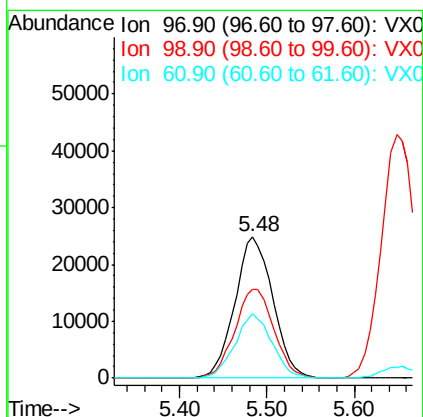
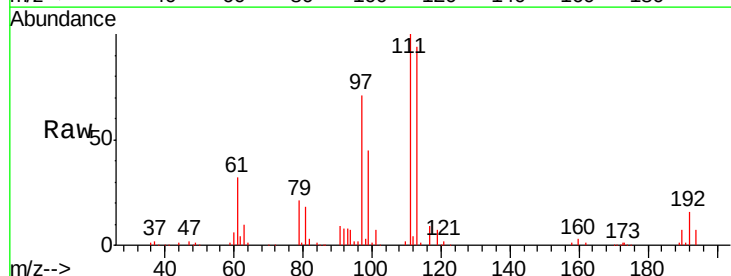
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

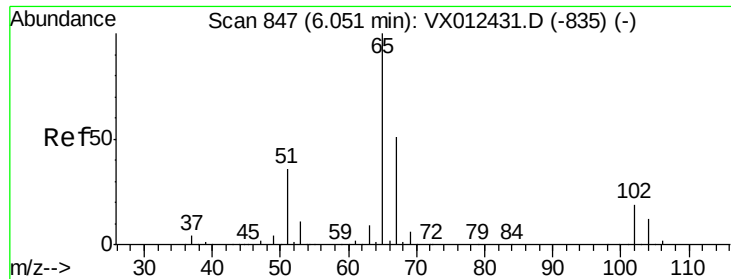
Tgt Ion: 56 Resp: 74558
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 83.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.010 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 97 Resp: 75106
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 44.1 36.1 54.1

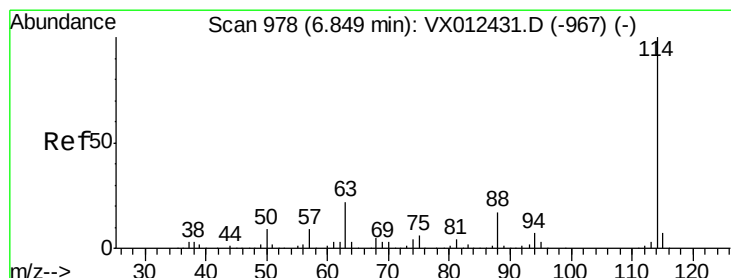
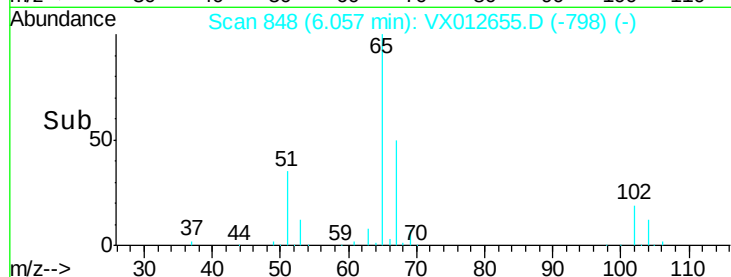
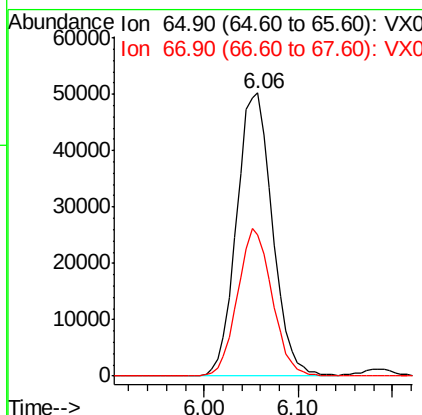
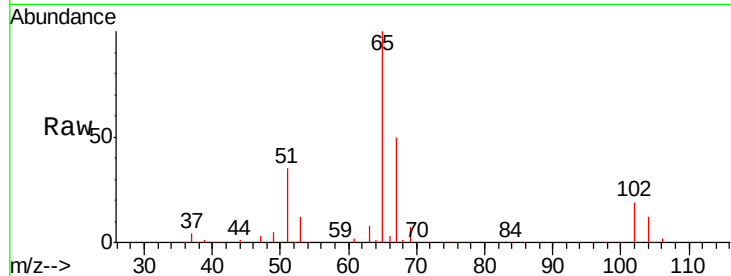




#33
 1,2-Dichloroethane-d4
 Concen: 52.179 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

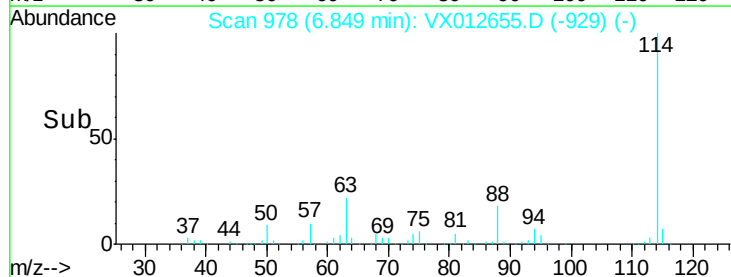
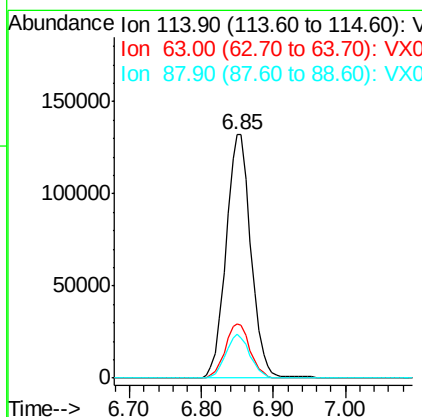
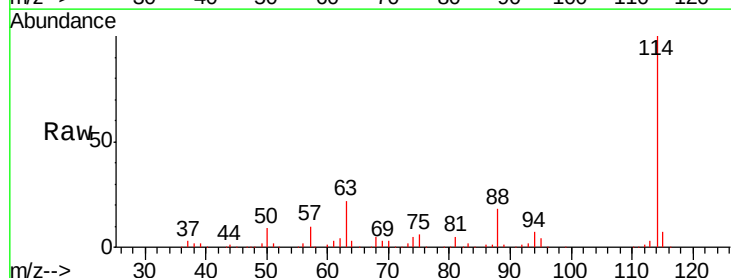
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

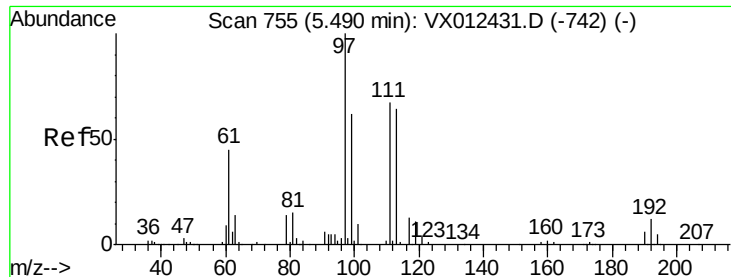
Tgt Ion: 65 Resp: 133698
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion: 114 Resp: 318018
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 18.2 0.0 33.2

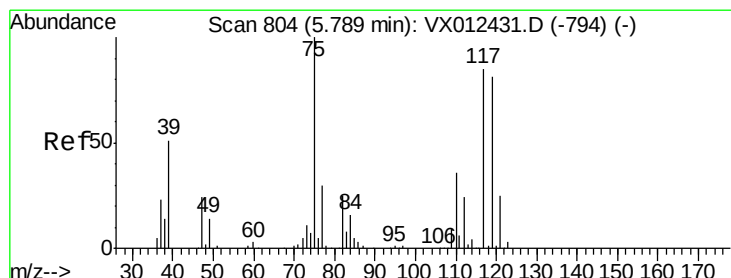
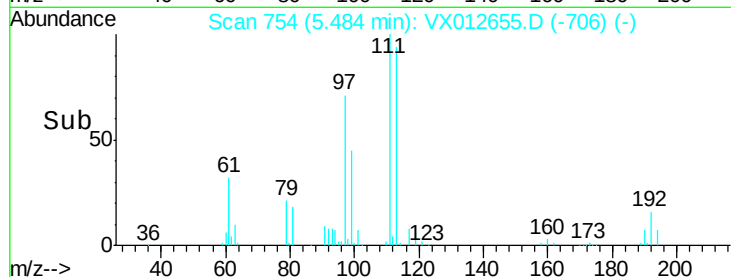
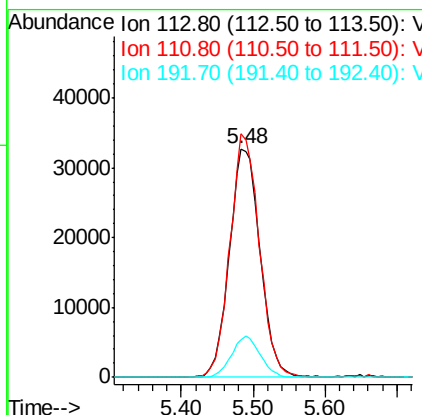
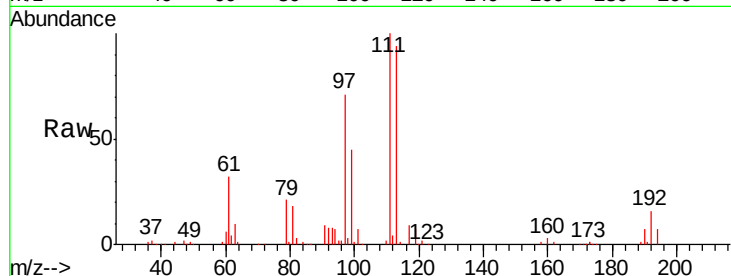




#35
 Dibromofluoromethane
 Concen: 51.167 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

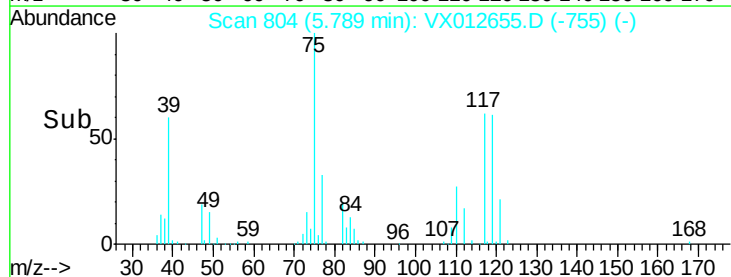
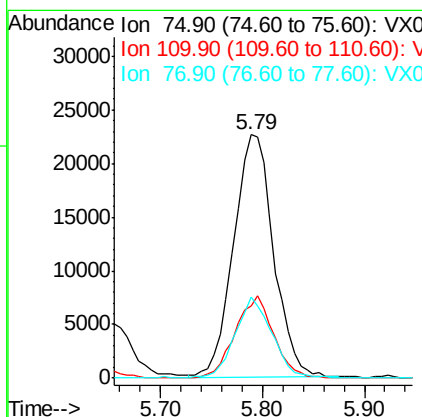
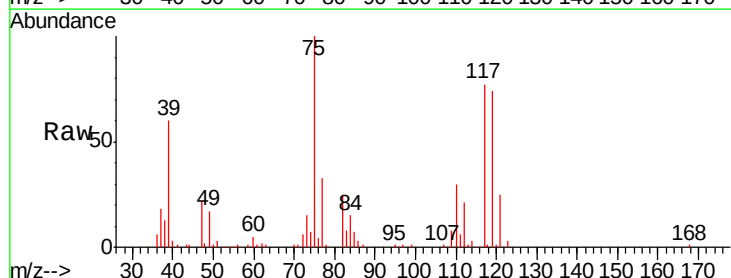
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

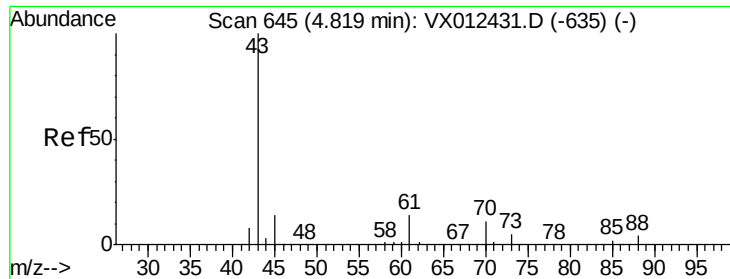
Tgt Ion: 113 Resp: 96907
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 17.0 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.063 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion: 75 Resp: 61499
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.7 50.0
 77 30.9 24.2 36.2

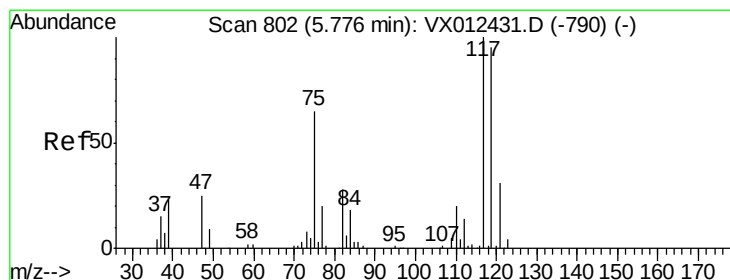
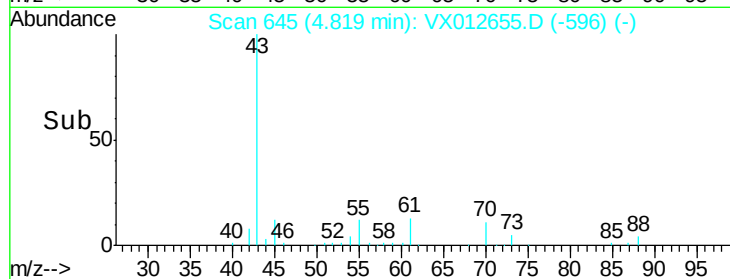
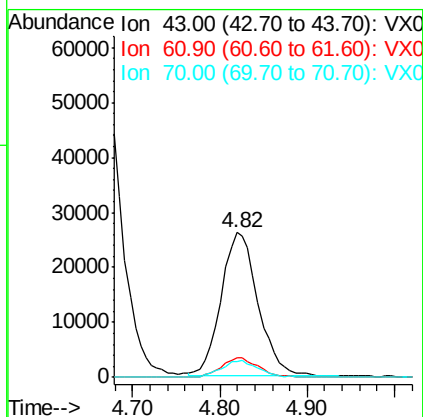
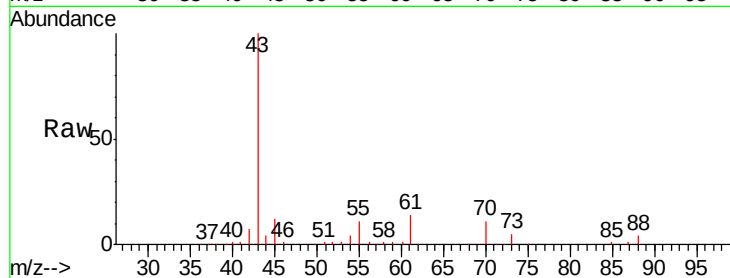




#37
Ethyl Acetate
Concen: 21.416 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

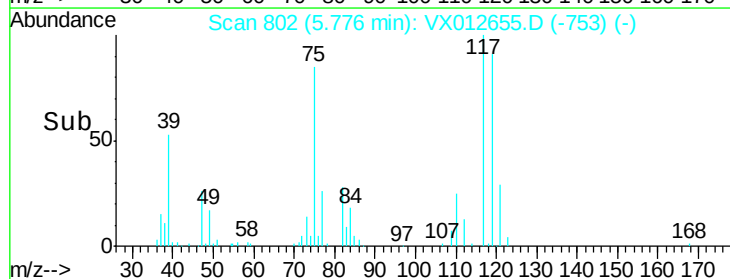
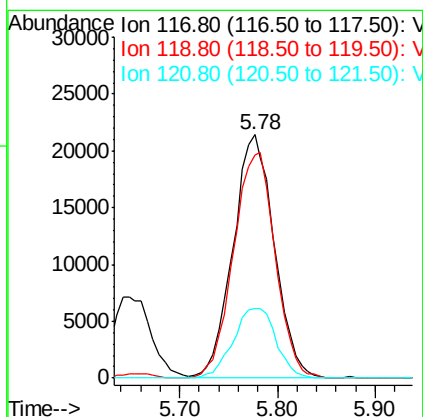
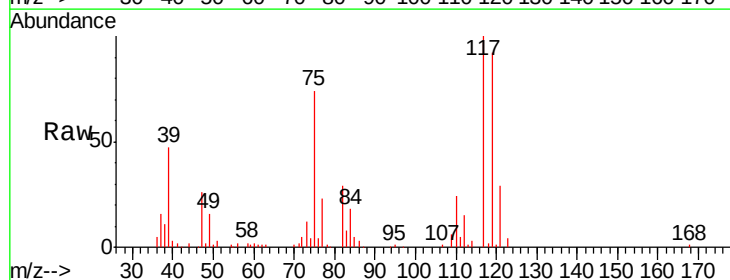
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

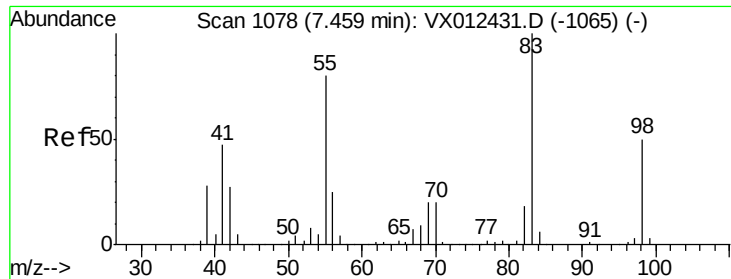
Tgt Ion: 43 Resp: 76750
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.134 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 117 Resp: 62694
Ion Ratio Lower Upper
117 100
119 91.6 75.7 113.5
121 28.7 24.2 36.4

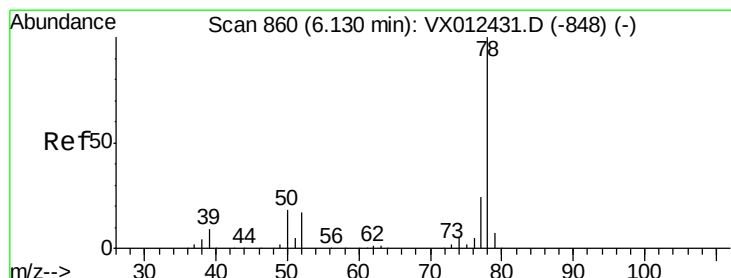
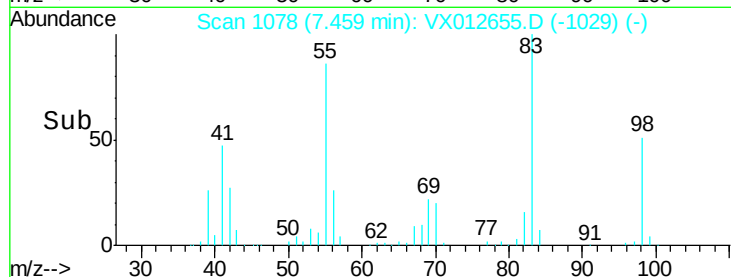
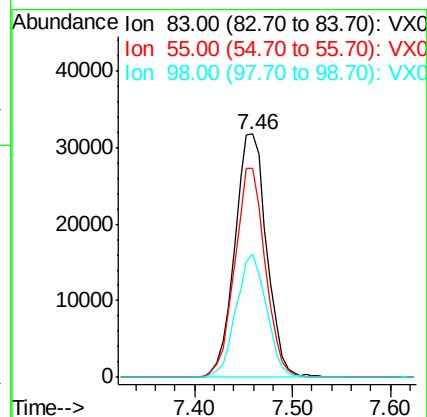
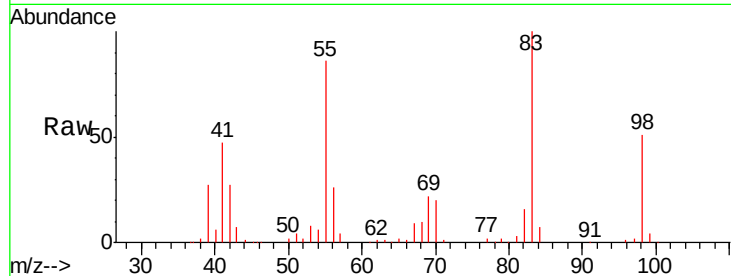




#39
Methylcyclohexane
Concen: 19.506 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

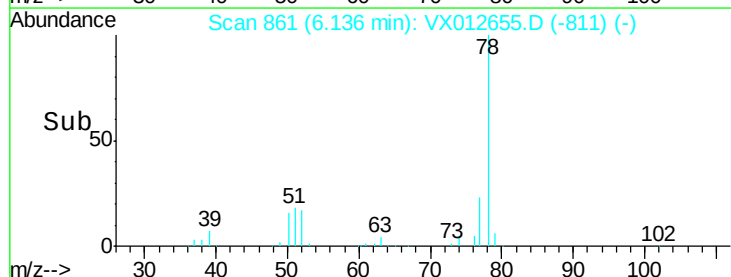
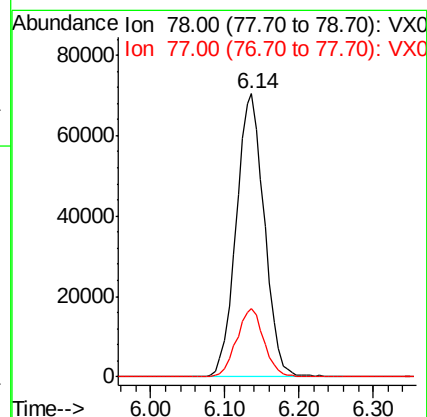
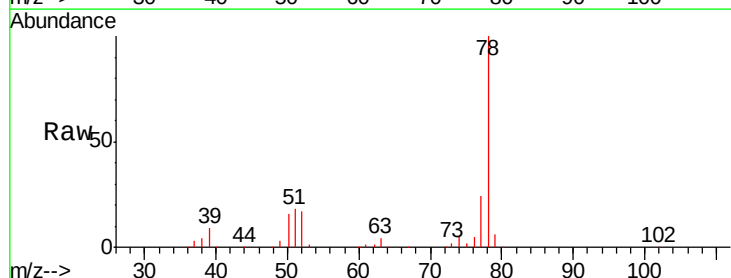
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

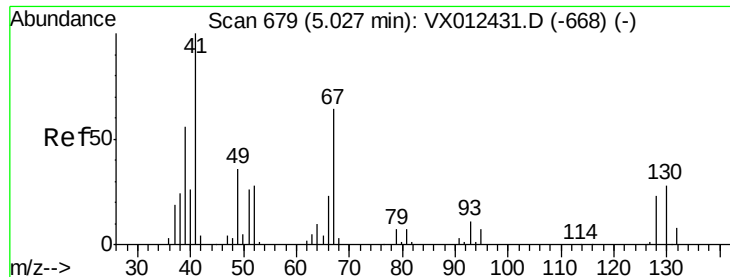
Tgt Ion: 83 Resp: 71981
Ion Ratio Lower Upper
83 100
55 85.7 64.4 96.6
98 50.8 40.1 60.1



#40
Benzene
Concen: 20.590 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 78 Resp: 185704
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

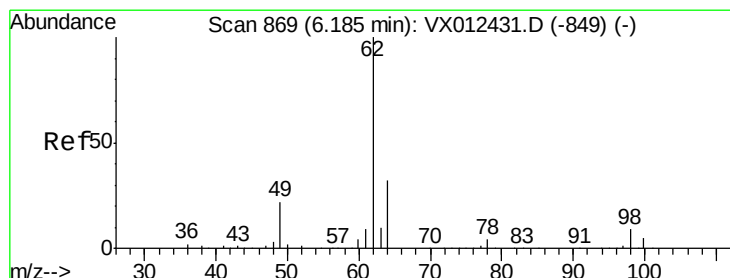
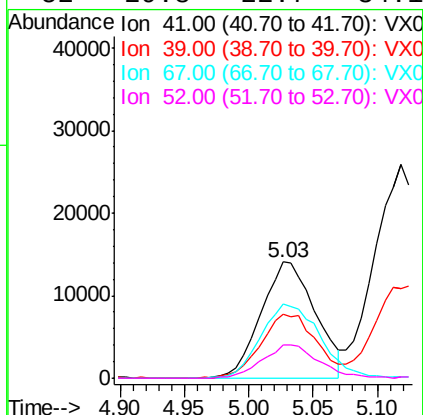
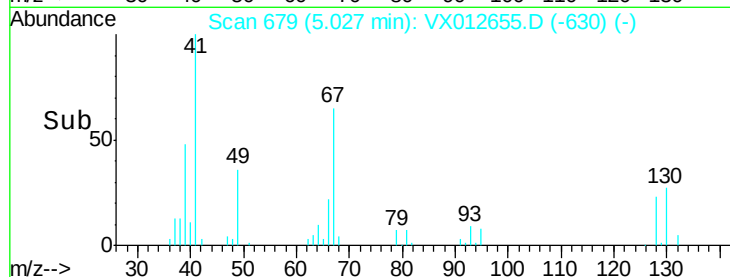
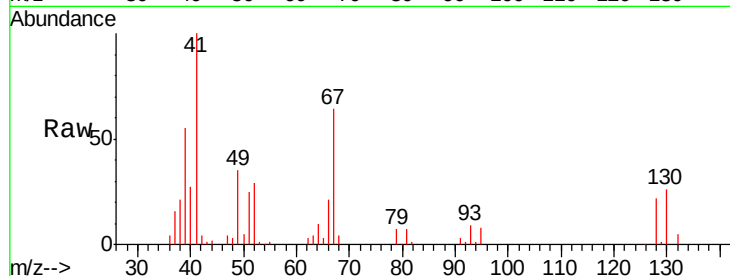




#41
Methacrylonitrile
Concen: 20.531 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

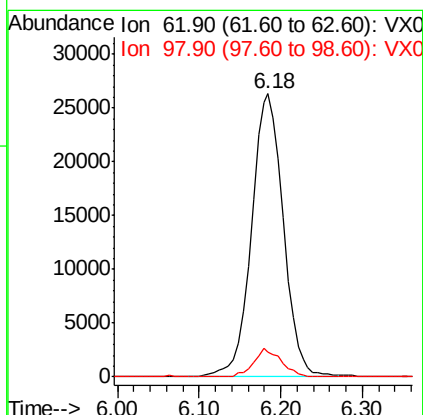
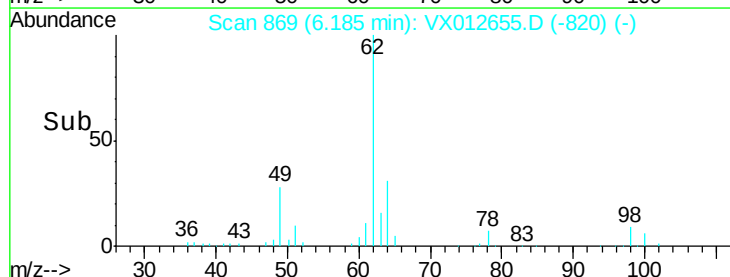
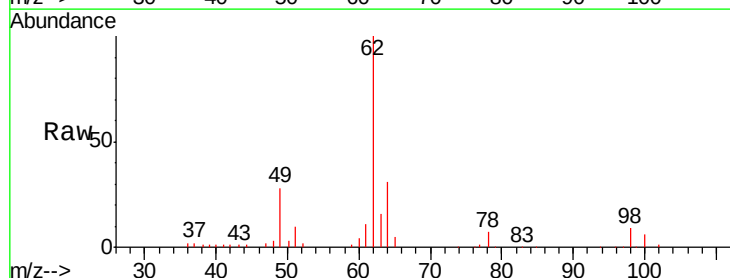
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

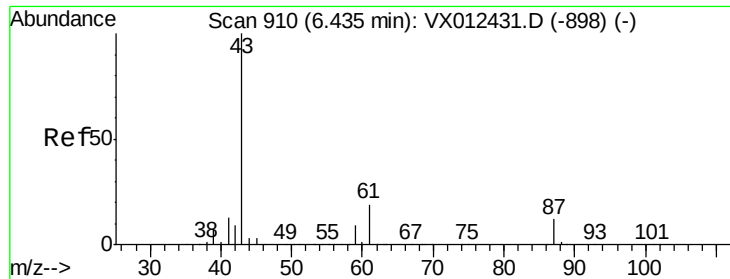
Tgt Ion:	41	Resp:	41282
Ion	Ratio	Lower	Upper
41	100		
39	55.8	46.0	69.0
67	69.8	52.2	78.2
52	29.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.913 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:	62	Resp:	71627
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.523 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

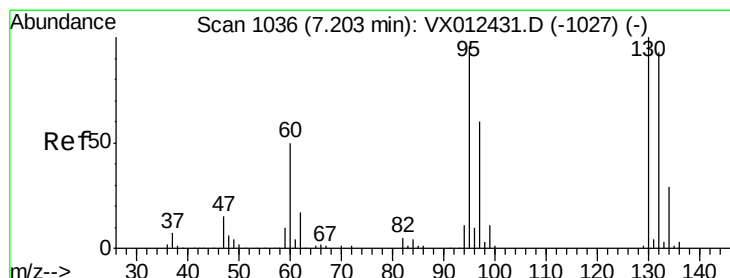
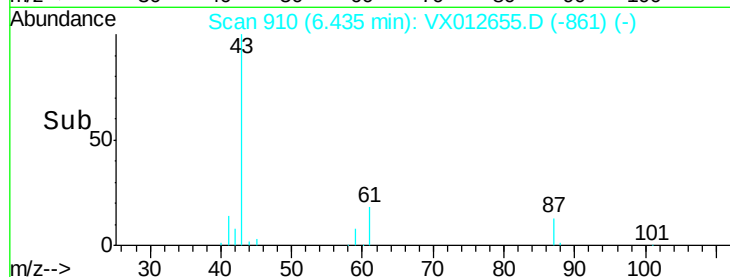
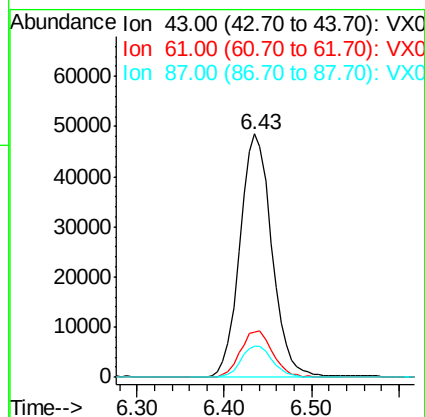
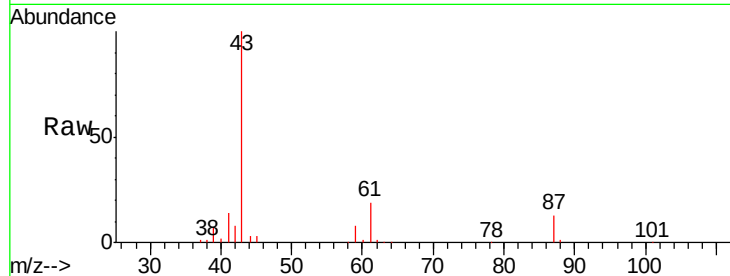
Tgt Ion: 43 Resp: 122995

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

87 12.9 9.8 14.8



#44

Trichloroethene

Concen: 19.542 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012655.D

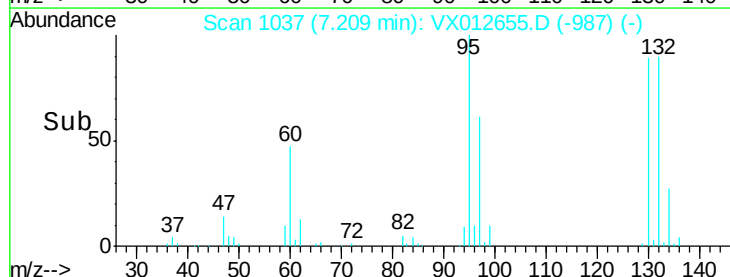
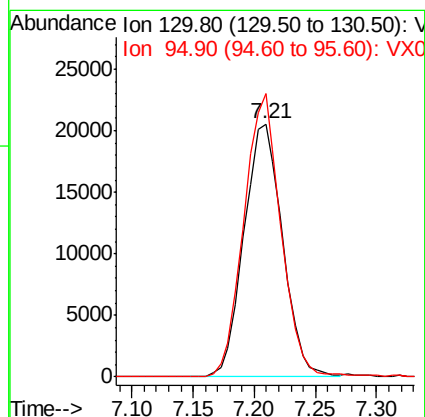
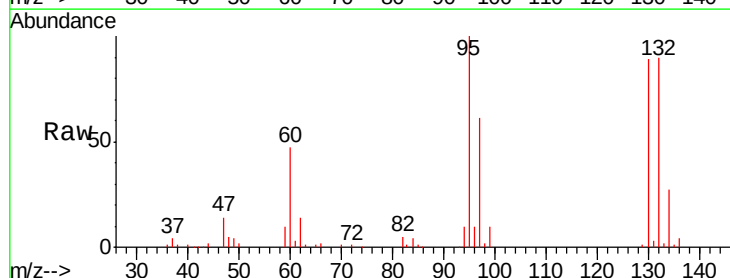
Acq: 25 Sep 2019 12:45

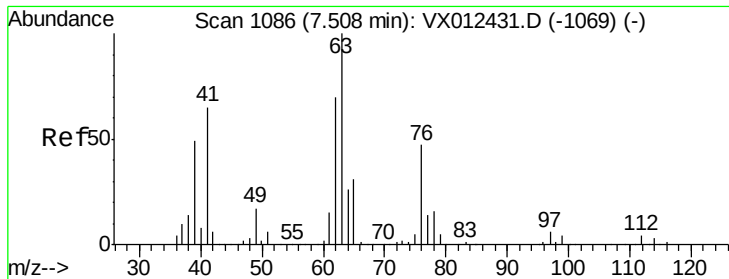
Tgt Ion: 130 Resp: 45059

Ion Ratio Lower Upper

130 100

95 112.0 0.0 193.0

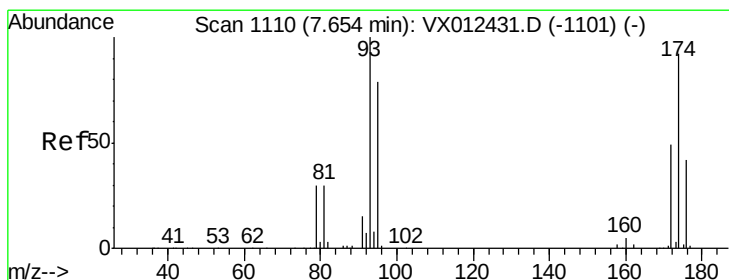
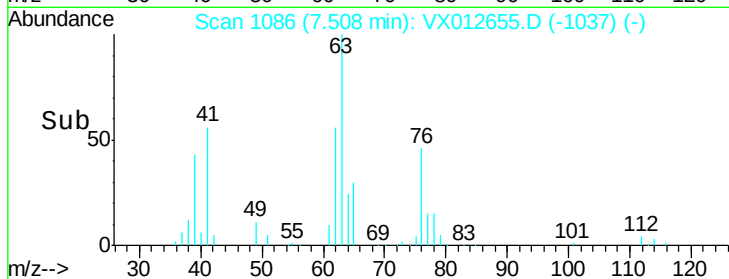
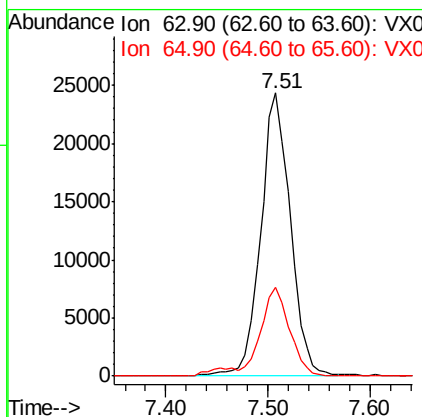
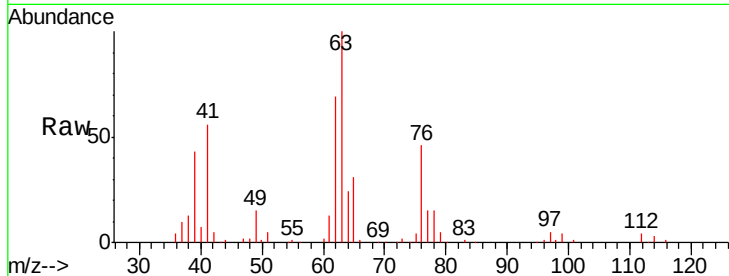




#45
 1,2-Dichloropropane
 Concen: 21.332 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

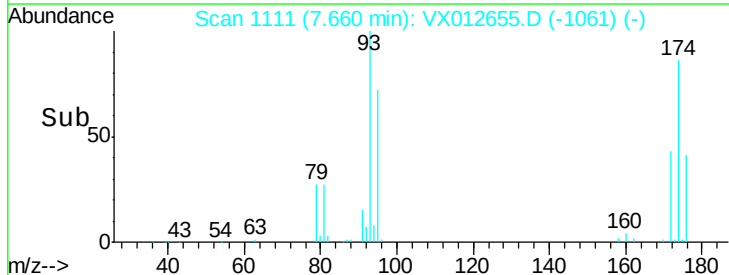
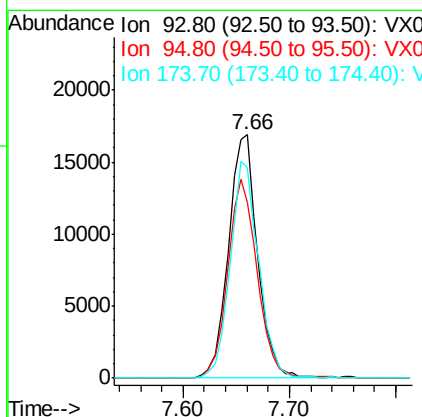
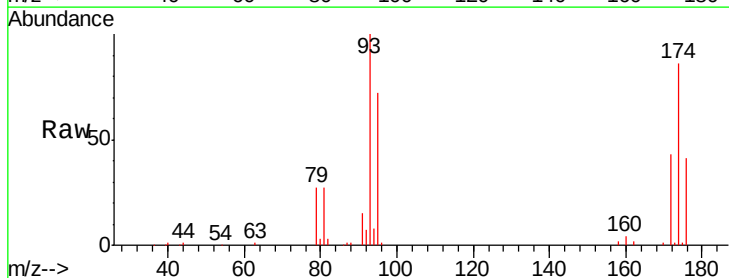
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

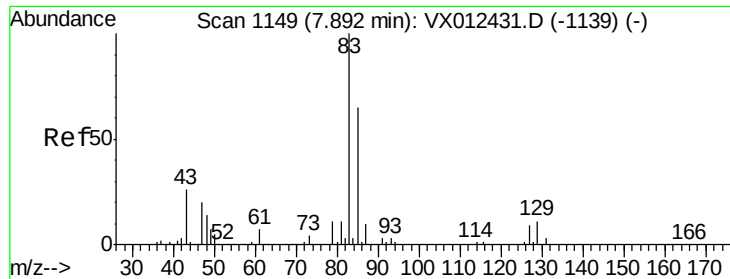
Tgt Ion: 63 Resp: 49258
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 20.652 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion: 93 Resp: 32469
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 87.0 77.4 116.0





#47

Bromodichloromethane

Concen: 20.070 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

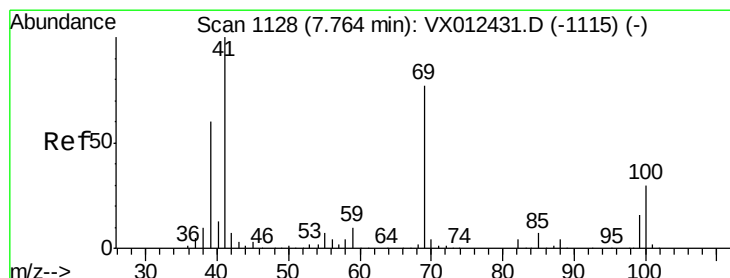
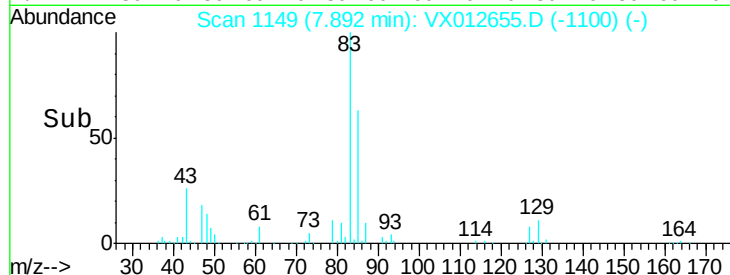
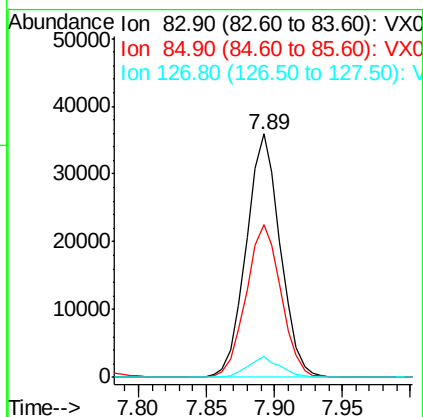
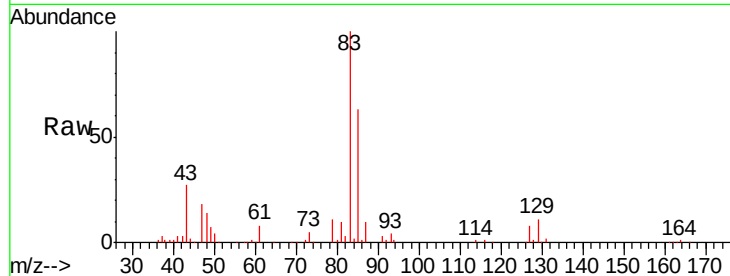
Tgt Ion: 83 Resp: 63063

Ion Ratio Lower Upper

83 100

85 62.6 51.8 77.6

127 8.4 7.3 10.9



#48

Methyl methacrylate

Concen: 21.030 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

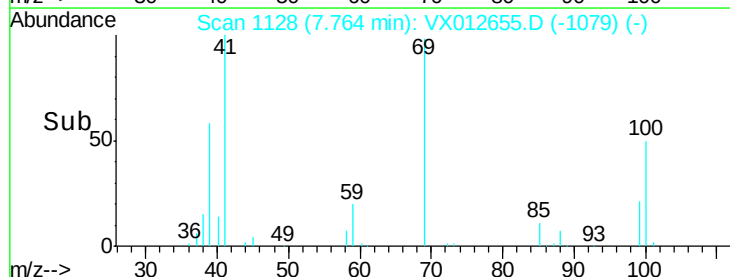
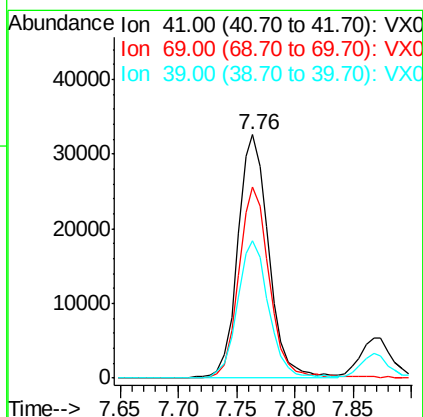
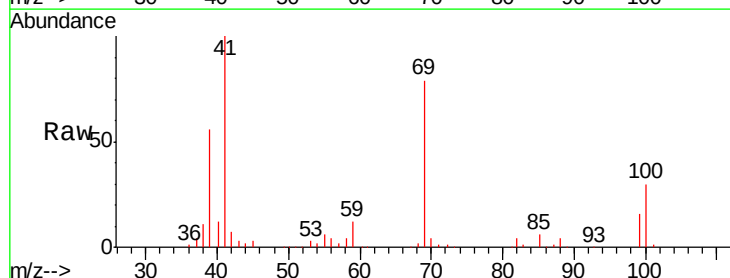
Tgt Ion: 41 Resp: 60432

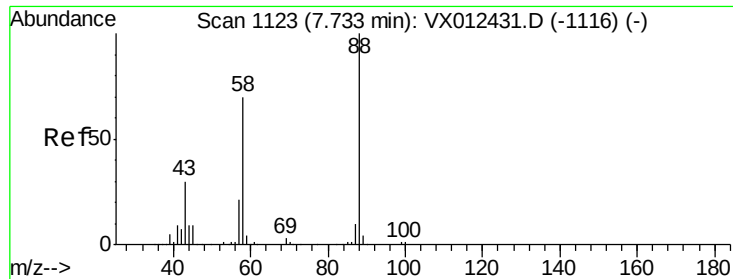
Ion Ratio Lower Upper

41 100

69 77.4 59.9 89.9

39 56.7 47.8 71.6

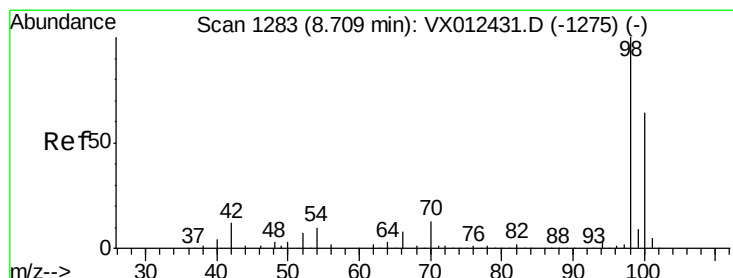
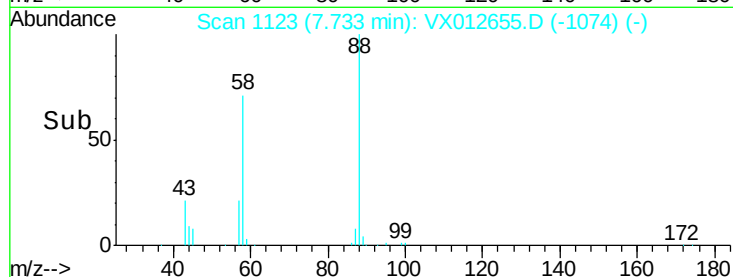
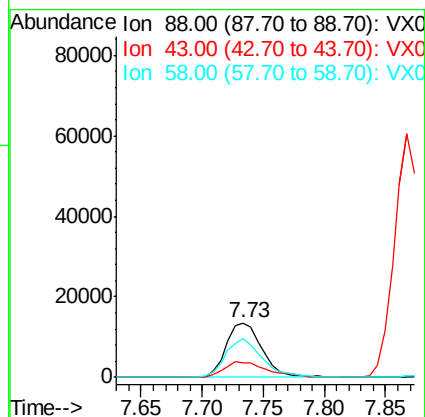
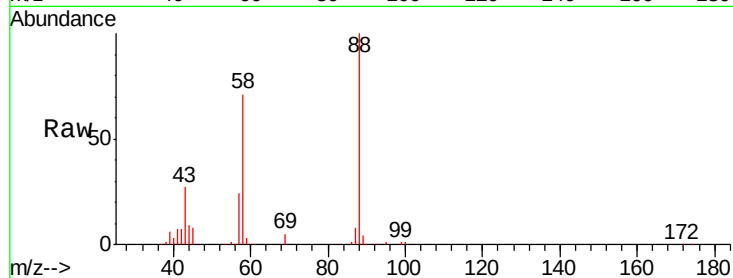




#49
1,4-Dioxane
Concen: 420.791 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

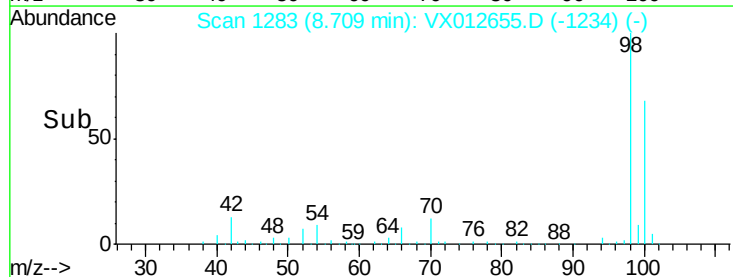
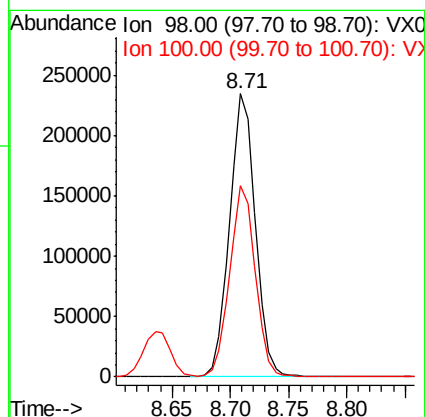
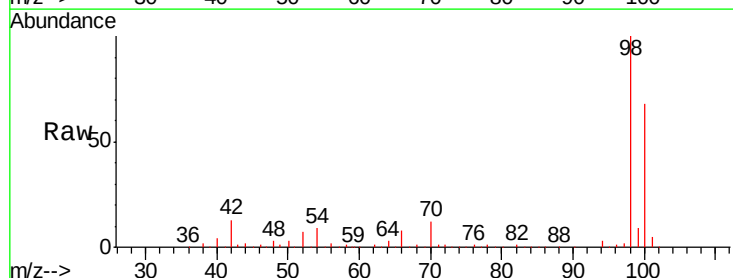
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

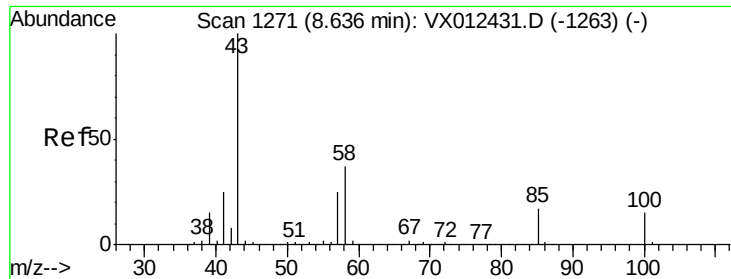
Tgt Ion: 88 Resp: 27427
Ion Ratio Lower Upper
88 100
43 33.4 29.4 44.0
58 74.1 57.5 86.3



#50
Toluene-d8
Concen: 49.650 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 98 Resp: 362133
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 105.757 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

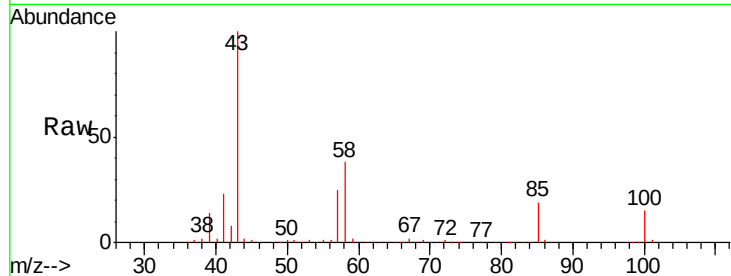
VX0925WBSD01

Tgt Ion: 43 Resp: 391240

Ion Ratio Lower Upper

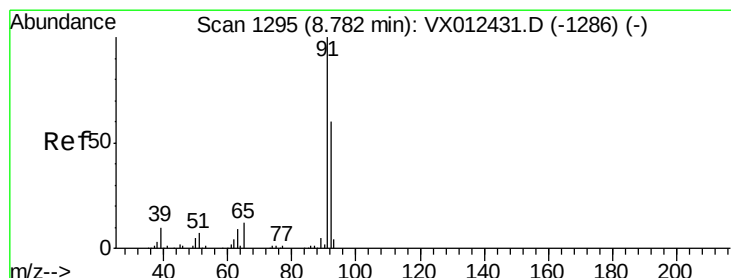
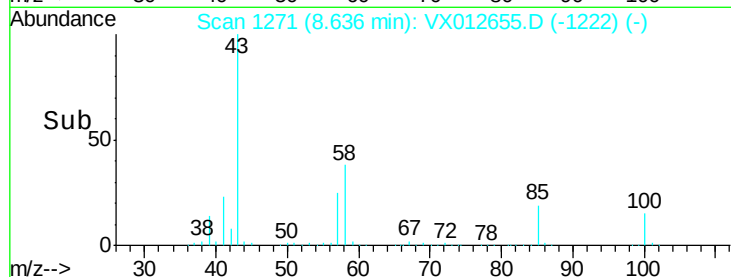
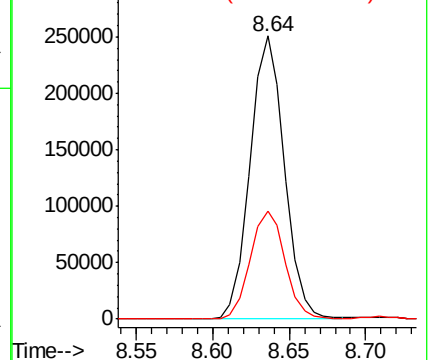
43 100

58 38.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.377 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012655.D

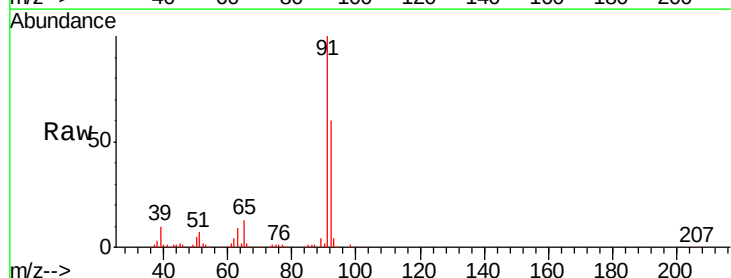
Acq: 25 Sep 2019 12:45

Tgt Ion: 92 Resp: 115508

Ion Ratio Lower Upper

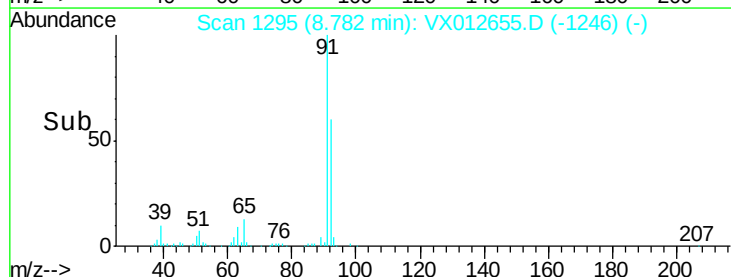
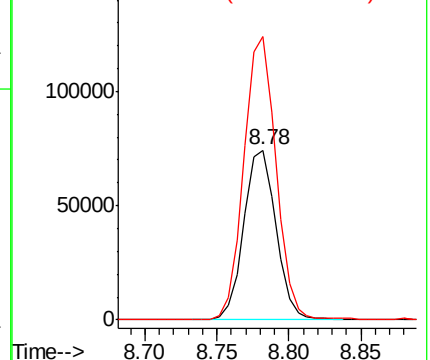
92 100

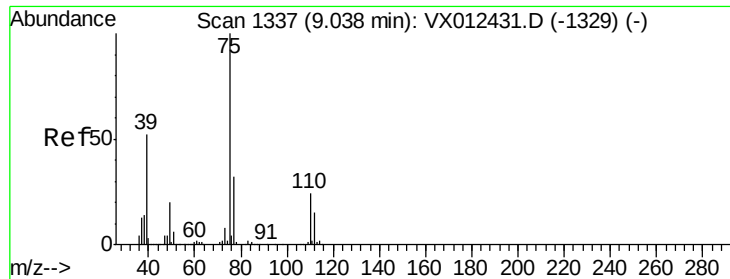
91 167.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.145 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

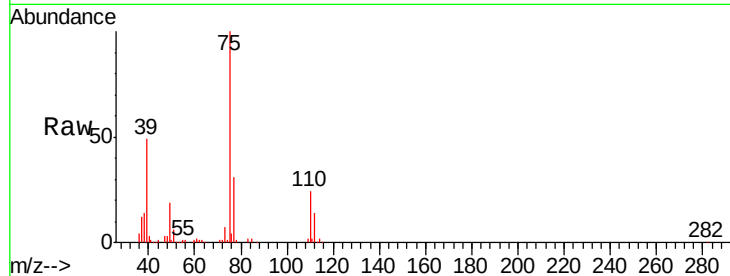
VX0925WBSD01

Tgt Ion: 75 Resp: 70036

Ion Ratio Lower Upper

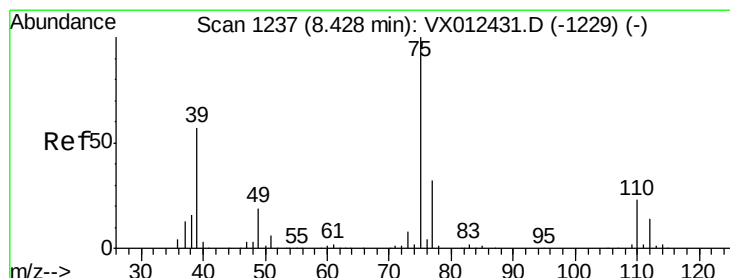
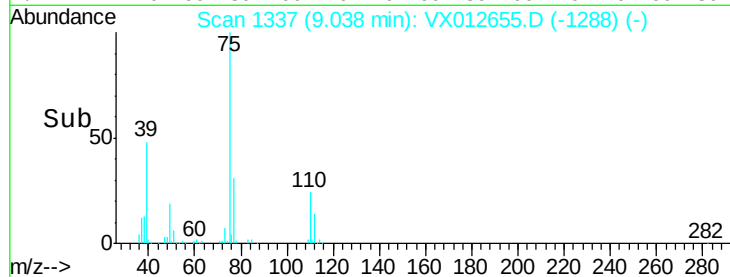
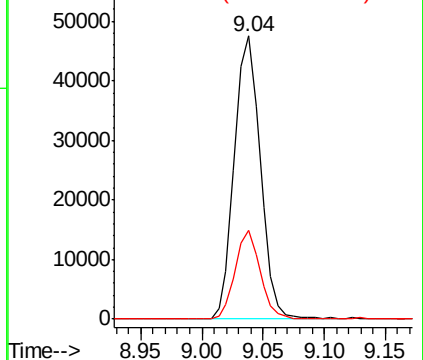
75 100

77 31.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.147 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

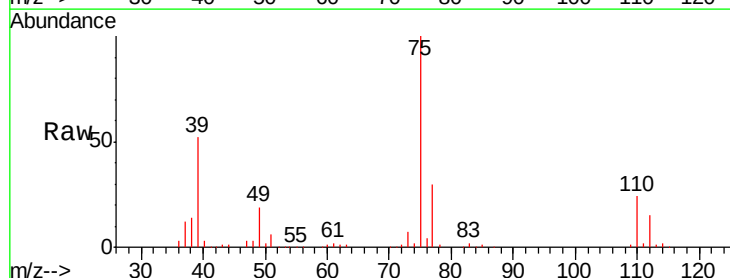
Tgt Ion: 75 Resp: 76476

Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.8

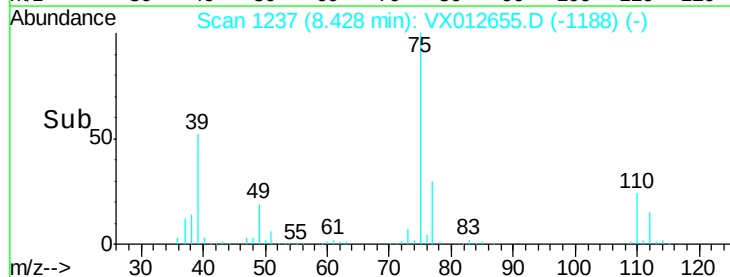
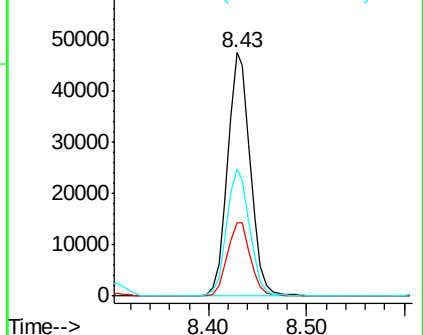
39 51.9 45.5 68.3

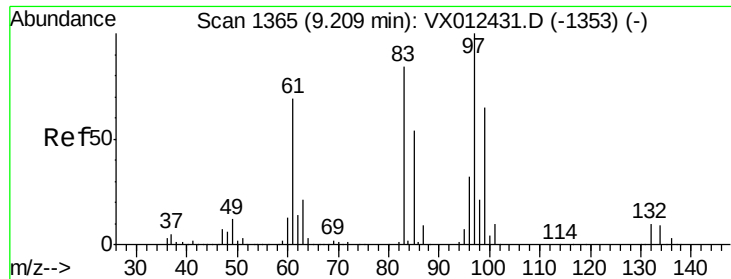


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

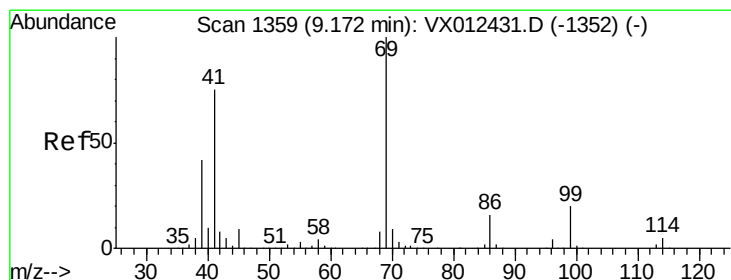
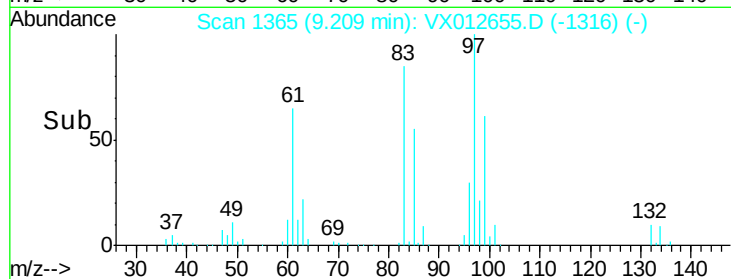
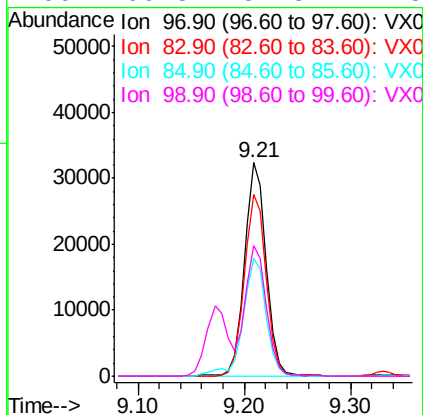
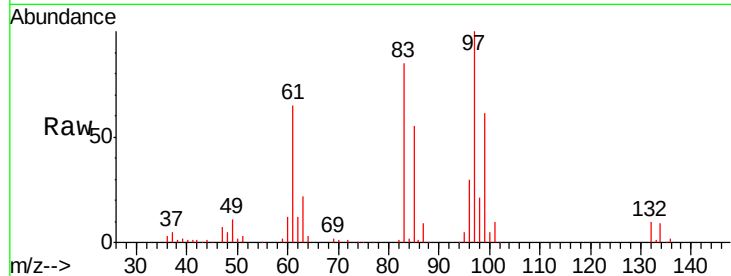




#55
 1,1,2-Trichloroethane
 Concen: 20.514 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

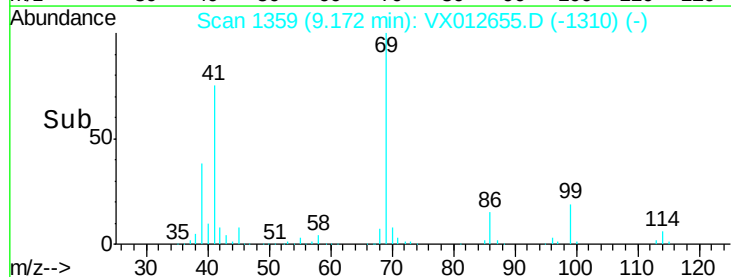
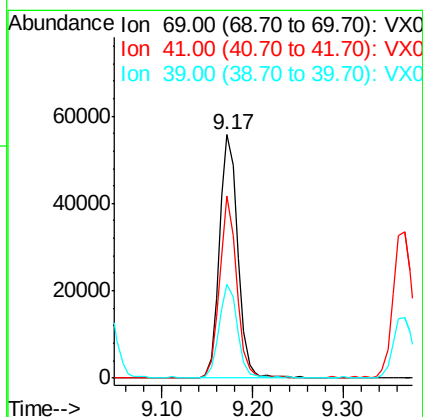
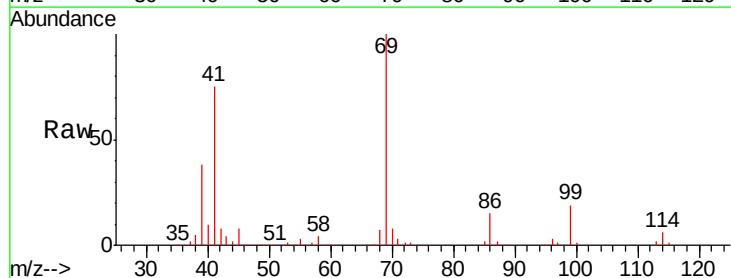
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

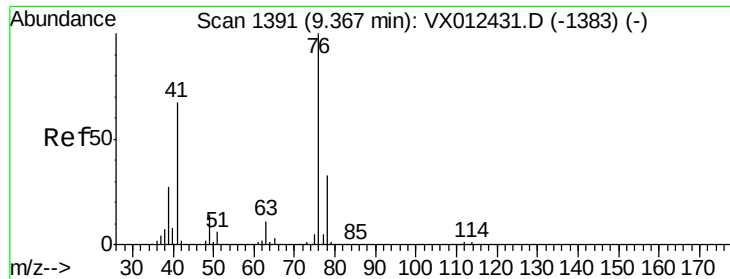
Tgt Ion:	97	Resp:	46231
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.2
85	55.3	43.5	65.3
99	60.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 20.894 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion:	69	Resp:	79109
Ion	Ratio	Lower	Upper
69	100		
41	69.2	58.4	87.6
39	38.4	33.4	50.0

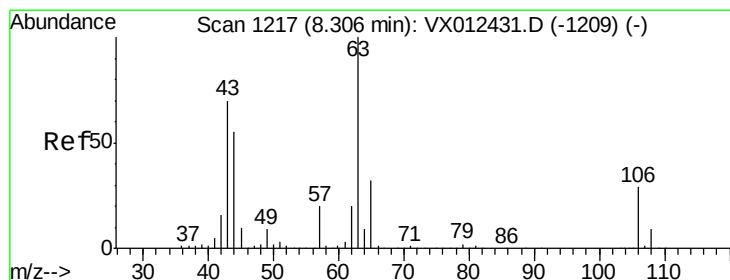
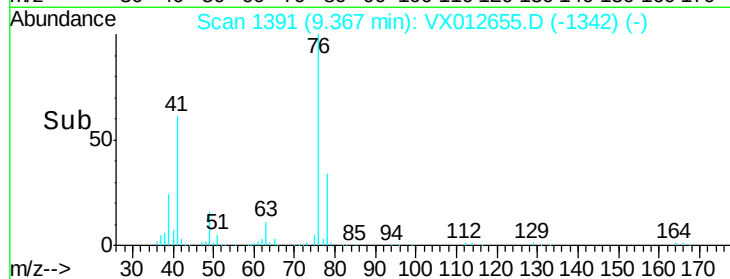
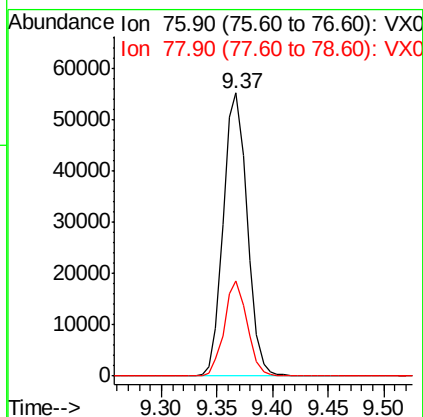
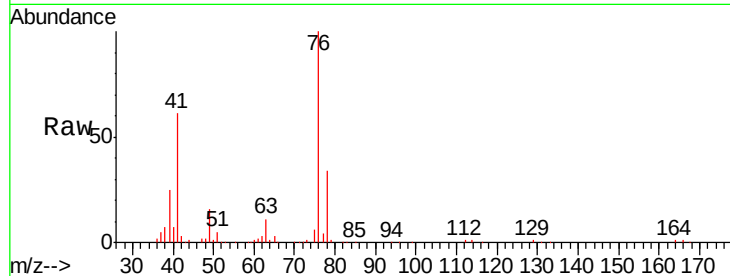




#57
 1,3-Dichloropropane
 Concen: 20.867 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

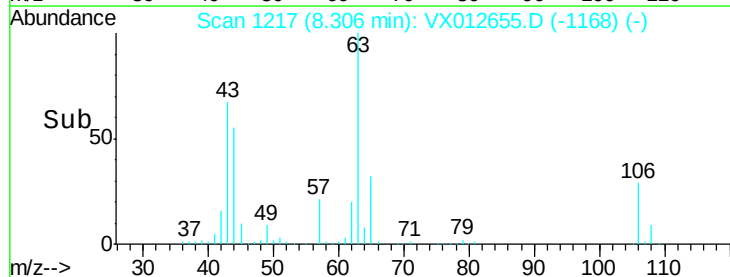
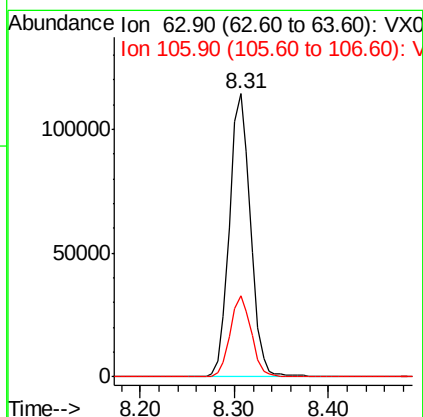
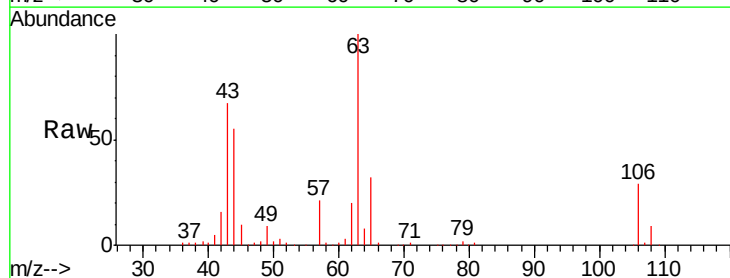
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

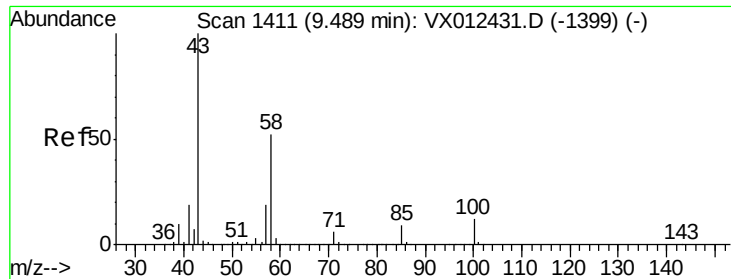
Tgt Ion: 76 Resp: 82304
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.129 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion: 63 Resp: 178668
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.8 35.6

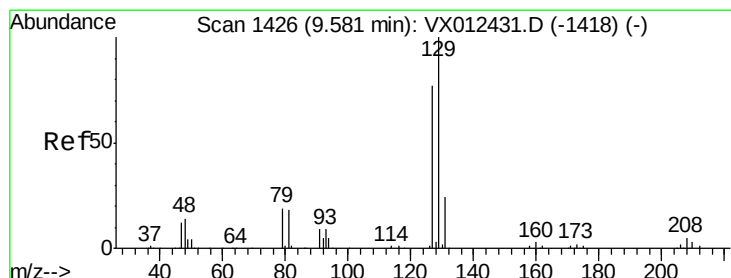
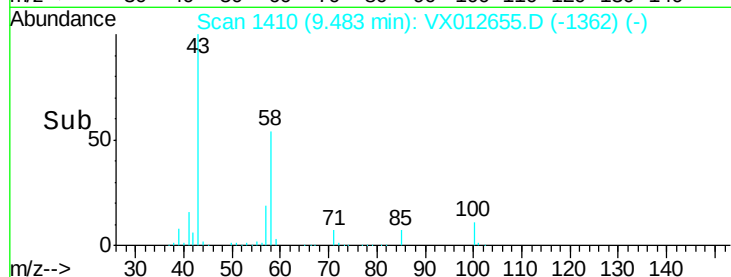
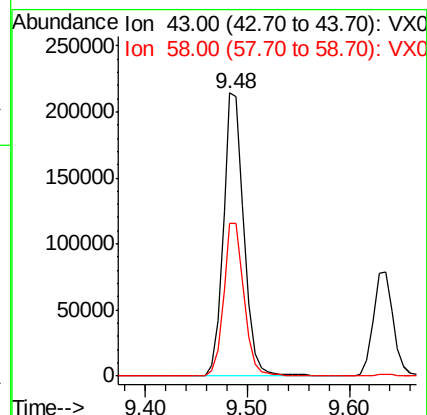
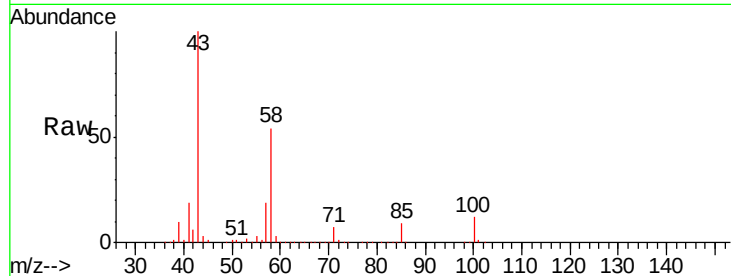




#59
2-Hexanone
Concen: 106.021 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

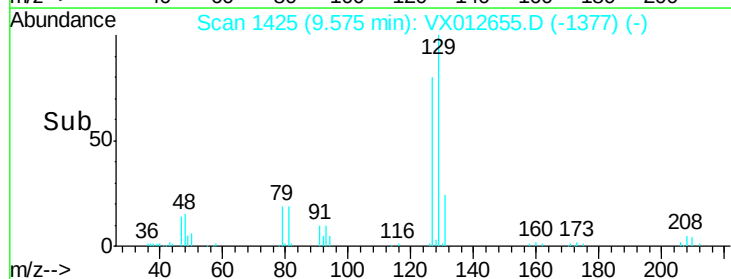
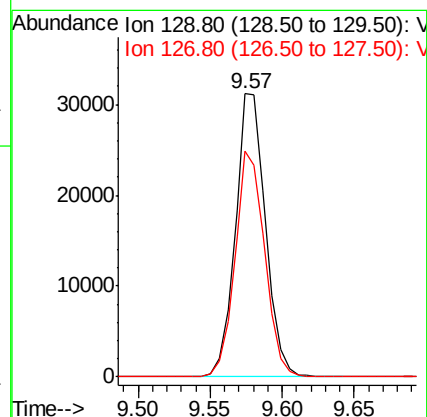
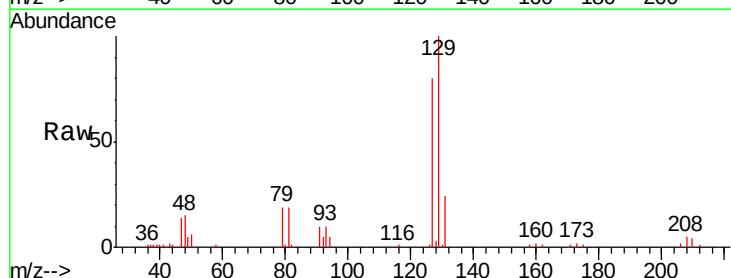
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

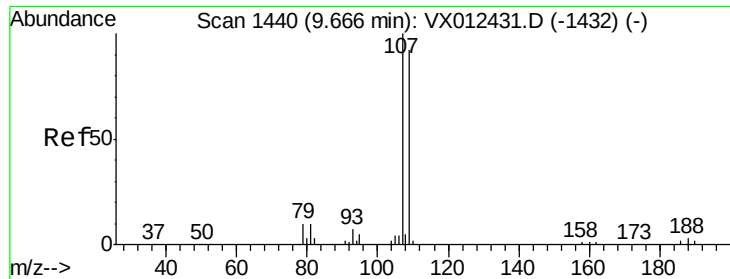
Tgt Ion: 43 Resp: 300218
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1



#60
Dibromochloromethane
Concen: 19.944 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 129 Resp: 45500
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.775 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

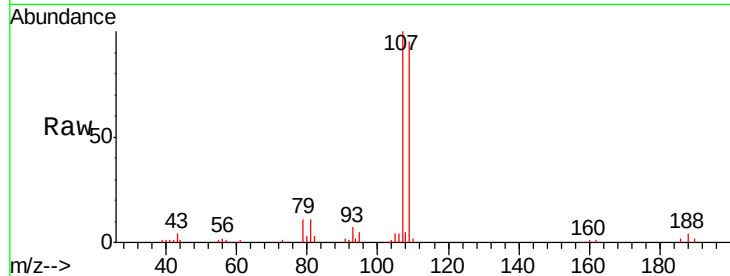
VX0925WBSD01

Tgt Ion: 107 Resp: 48727

Ion Ratio Lower Upper

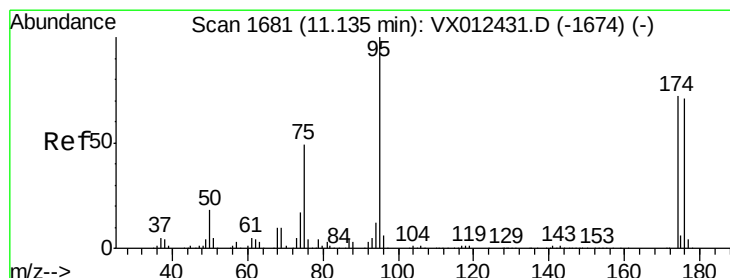
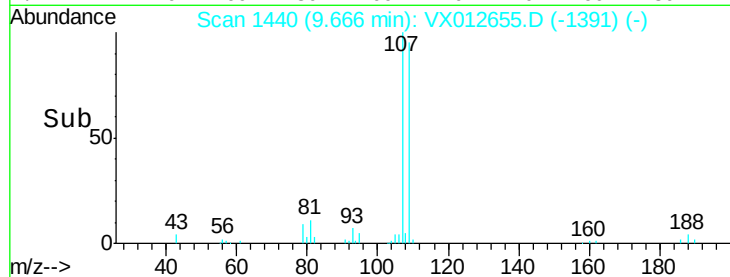
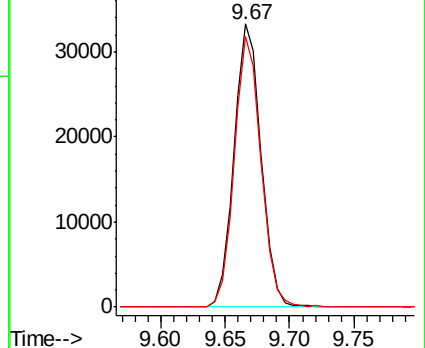
107 100

109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.036 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

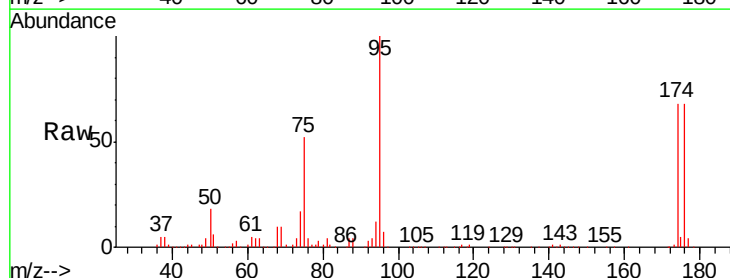
Tgt Ion: 95 Resp: 140630

Ion Ratio Lower Upper

95 100

174 66.2 0.0 140.0

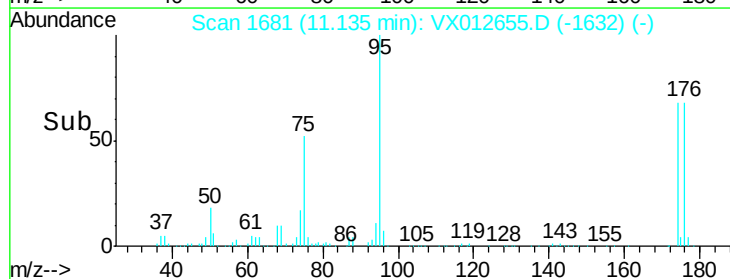
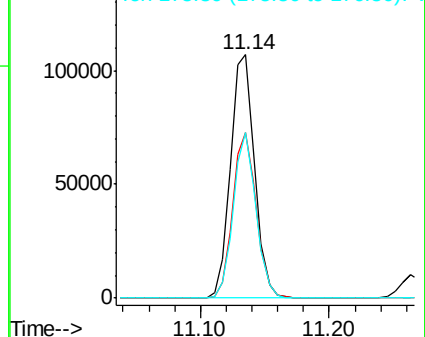
176 64.2 0.0 135.4

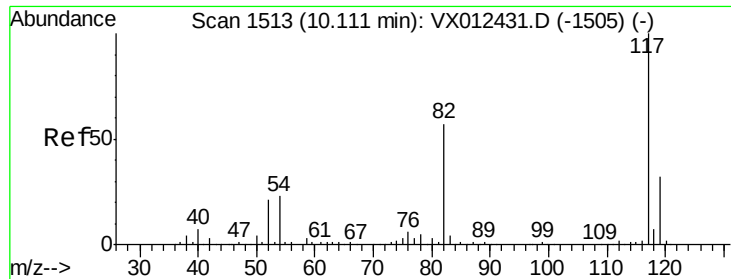


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

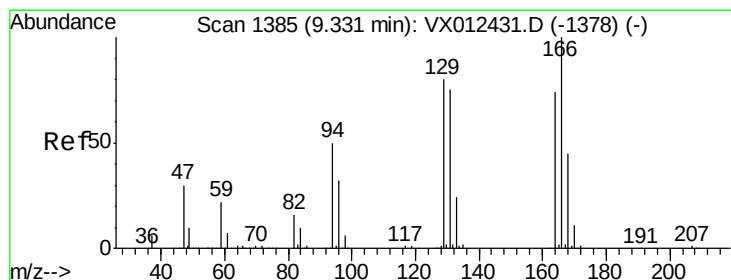
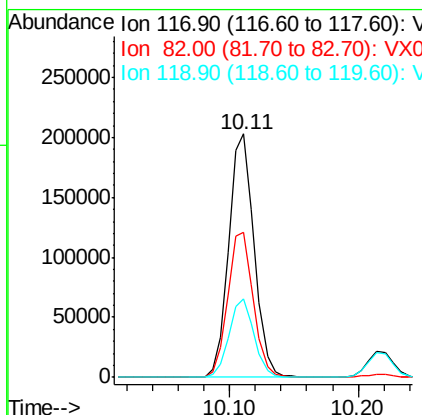
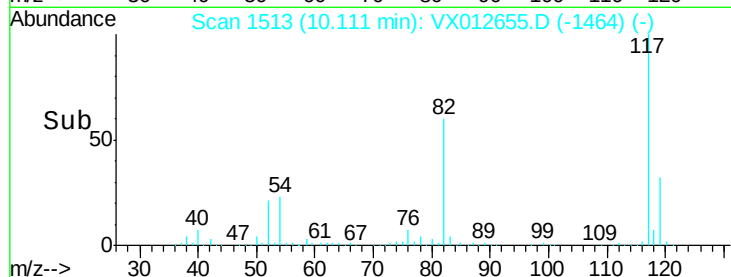
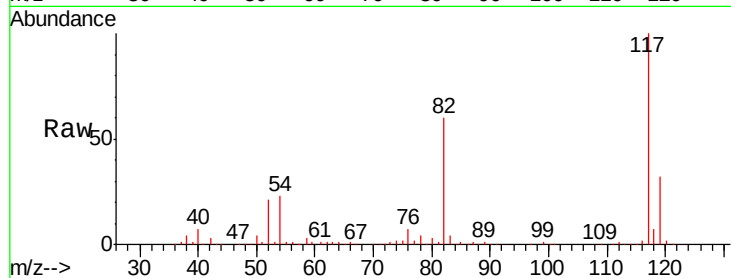




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

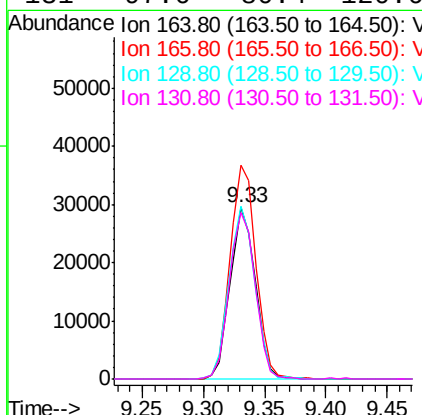
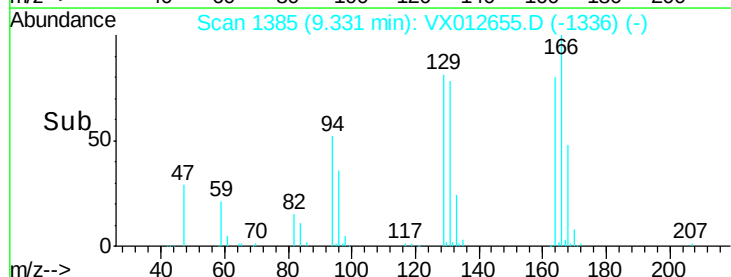
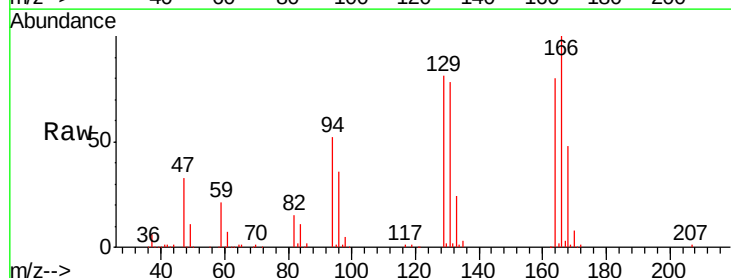
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

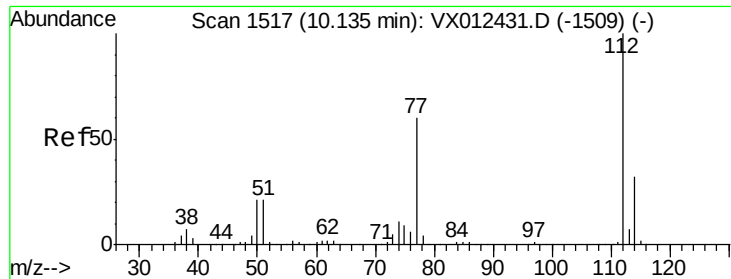
Tgt Ion:117 Resp: 280880
Ion Ratio Lower Upper
117 100
82 59.6 45.9 68.9
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 21.470 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:164 Resp: 42045
Ion Ratio Lower Upper
164 100
166 124.9 107.8 161.6
129 100.7 86.2 129.2
131 97.6 80.4 120.6

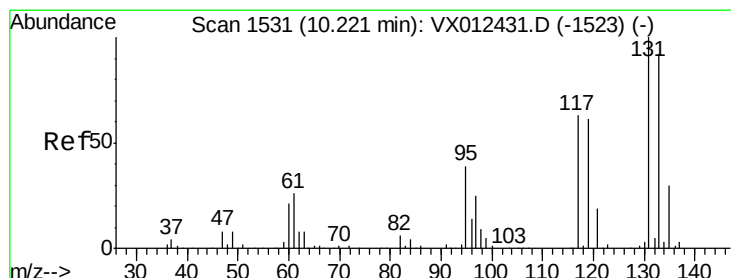
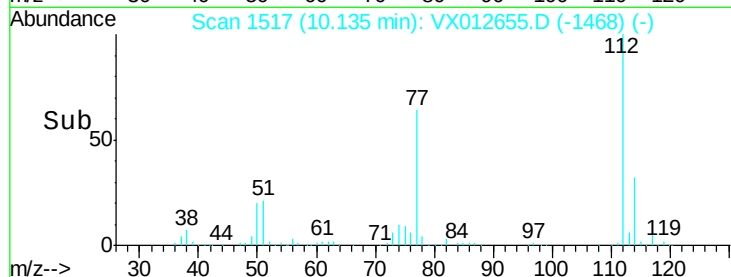
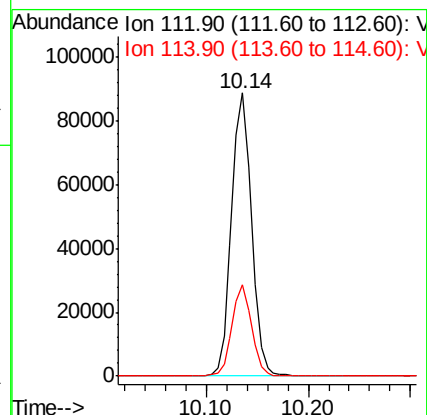
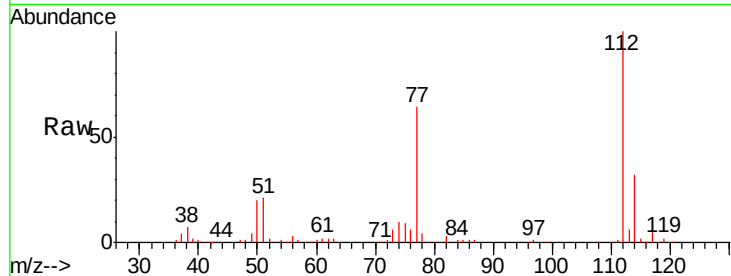




#65
Chlorobenzene
Concen: 20.357 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

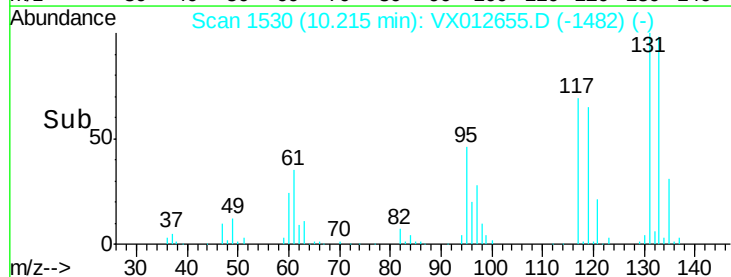
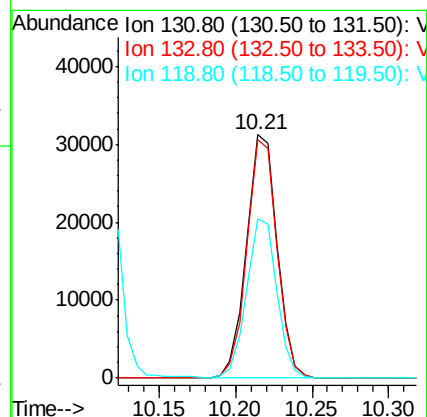
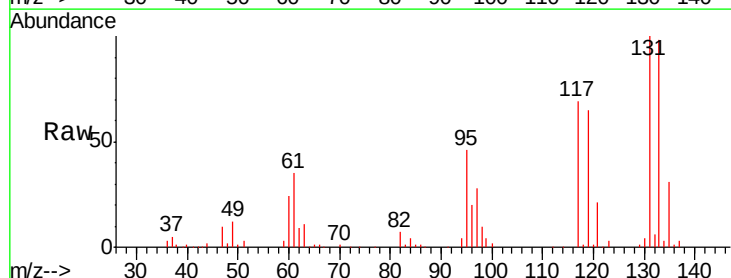
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

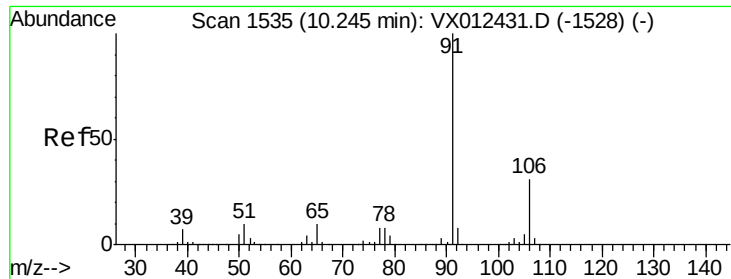
Tgt Ion:112 Resp: 120404
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.292 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:131 Resp: 43486
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 65.1 31.3 93.8

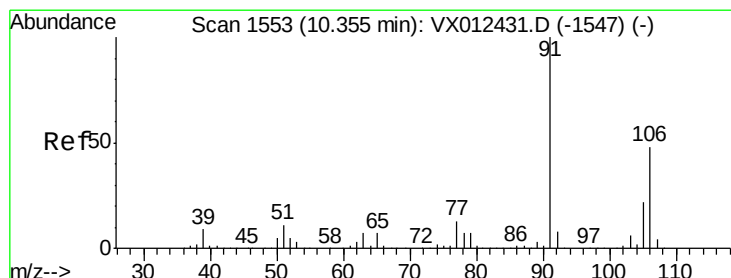
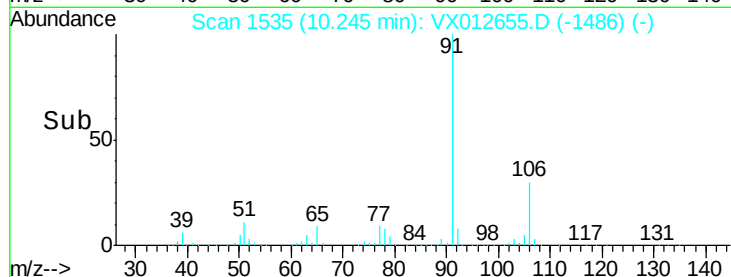
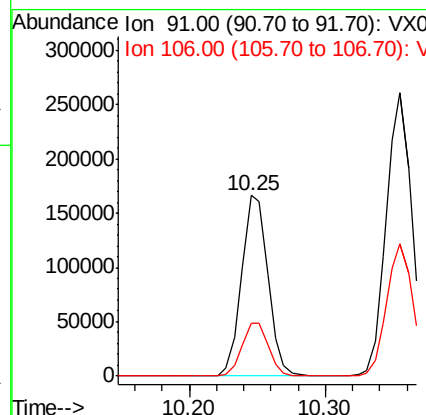
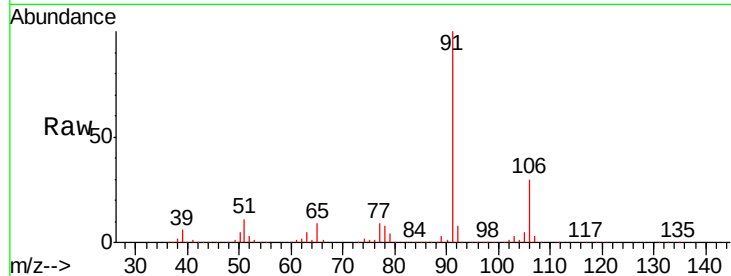




#67
Ethyl Benzene
Concen: 20.980 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

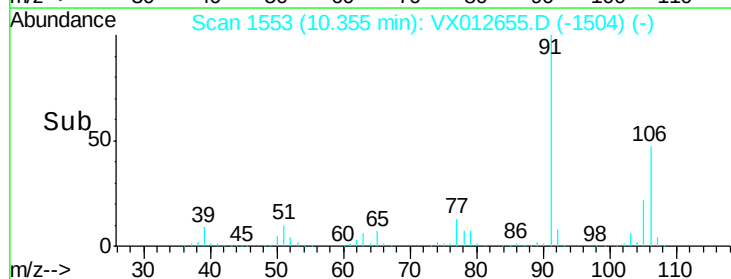
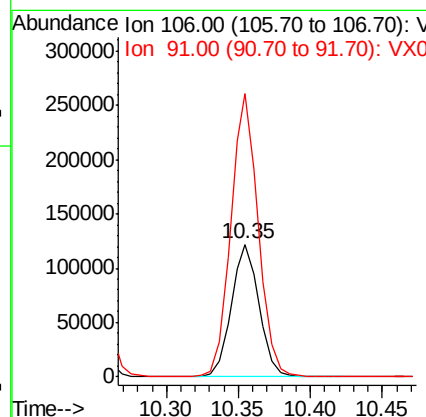
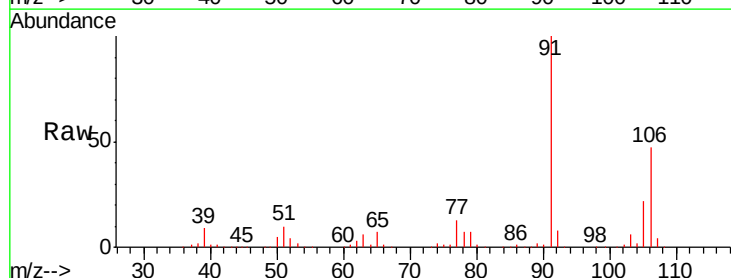
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

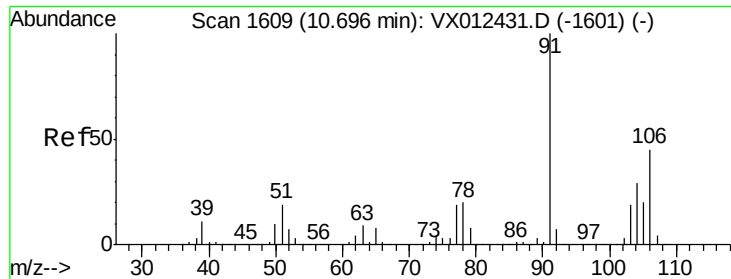
Tgt Ion: 91 Resp: 225069
Ion Ratio Lower Upper
91 100
106 29.5 24.6 37.0



#68
m/p-Xylenes
Concen: 40.751 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 106 Resp: 163765
Ion Ratio Lower Upper
106 100
91 212.4 166.6 250.0

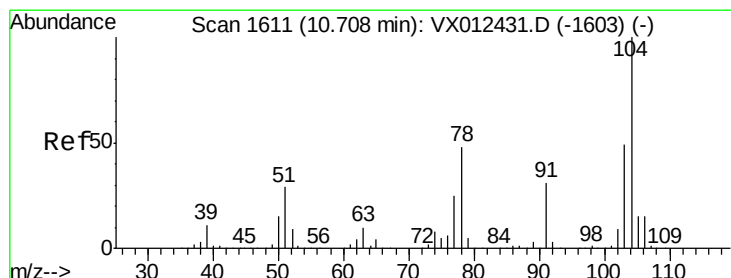
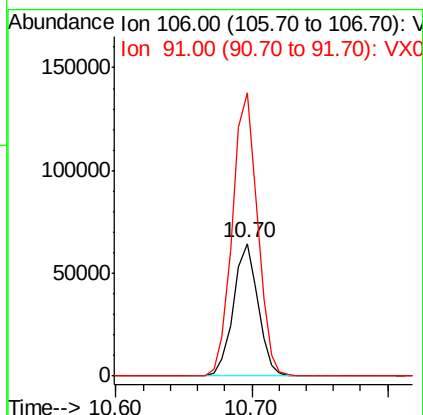
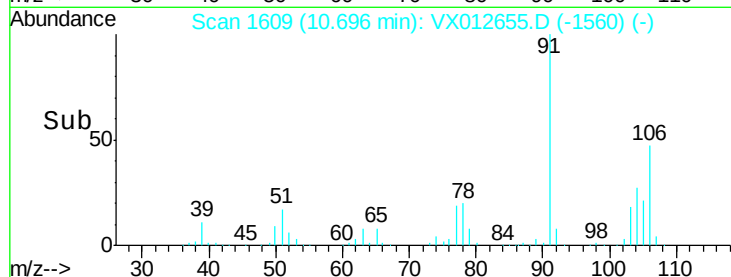
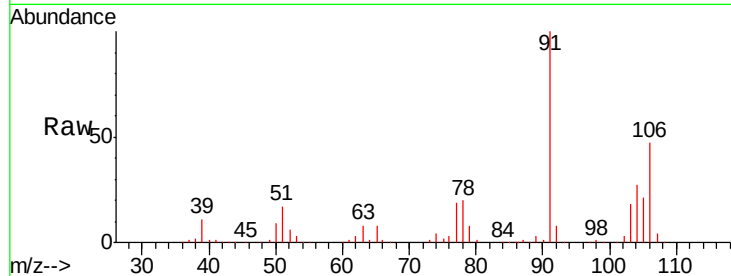




#69
o-Xylene
Concen: 20.838 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

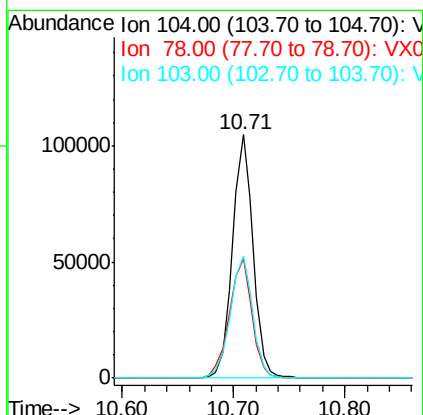
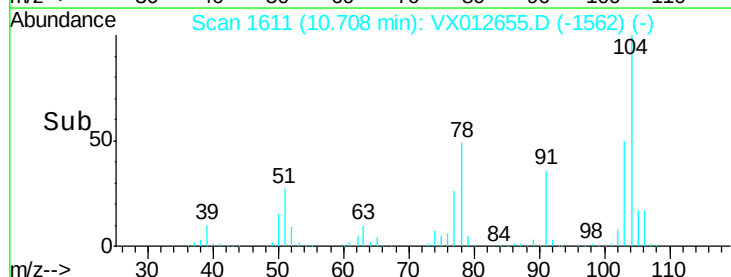
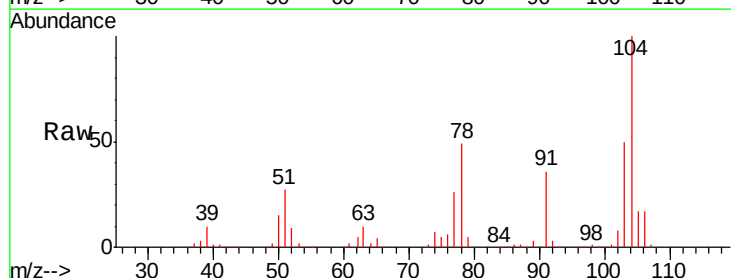
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

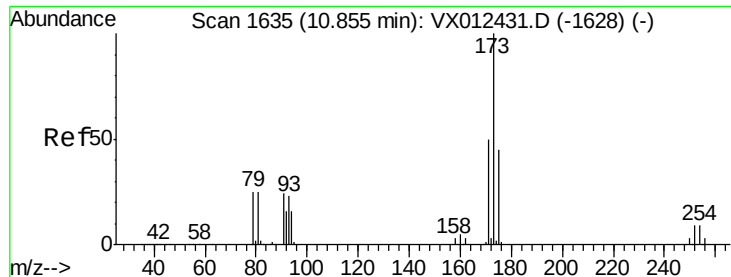
Tgt Ion:106 Resp: 81028
Ion Ratio Lower Upper
106 100
91 219.7 109.4 328.2



#70
Styrene
Concen: 20.526 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:104 Resp: 133803
Ion Ratio Lower Upper
104 100
78 54.5 43.4 65.2
103 54.8 43.3 64.9





#71

Bromoform

Concen: 18.952 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

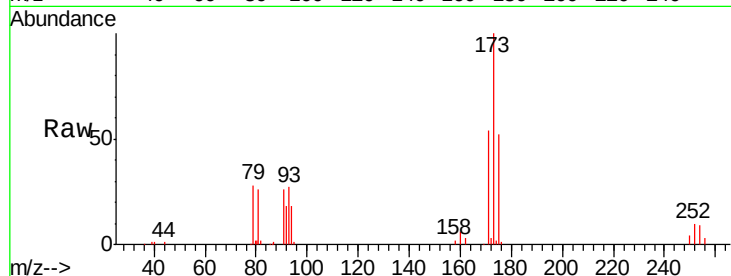
Tgt Ion:173 Resp: 28280

Ion Ratio Lower Upper

173 100

175 49.5 23.7 71.1

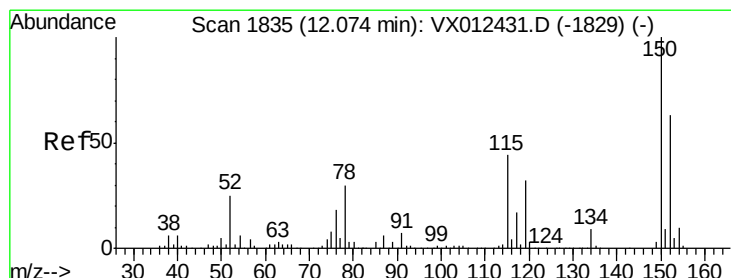
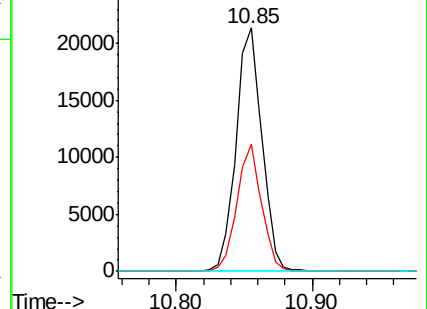
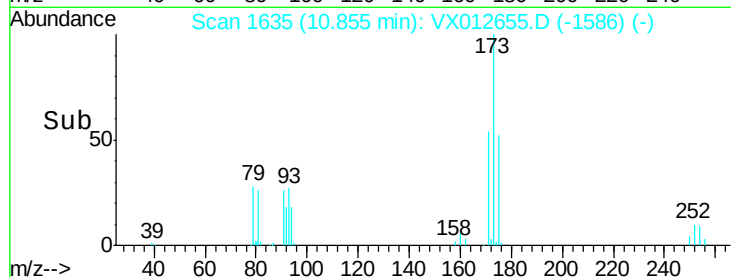
254 0.0 0.1 0.1#



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: VX012655.D

Acq: 25 Sep 2019 12:45

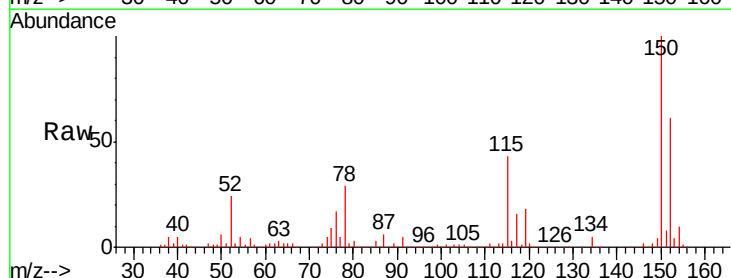
Tgt Ion:152 Resp: 124177

Ion Ratio Lower Upper

152 100

115 77.0 44.1 132.3

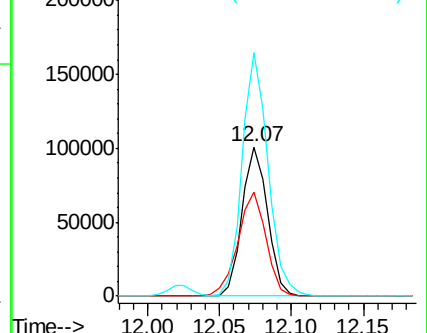
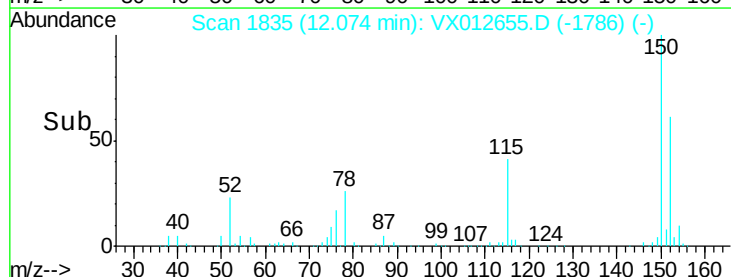
150 166.4 0.0 343.8

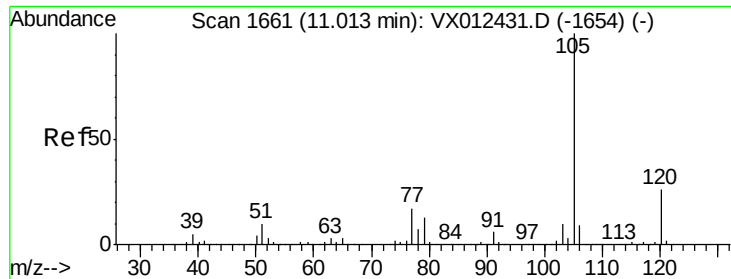


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.088 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

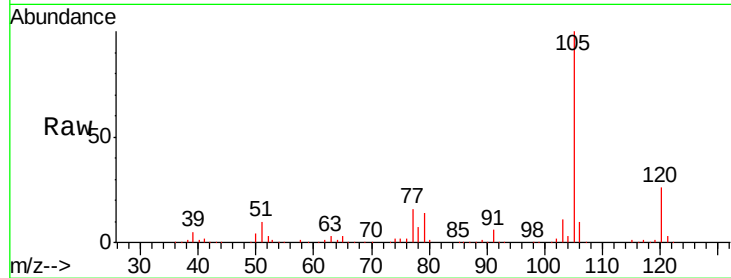
VX0925WBSD01

Tgt Ion: 105 Resp: 213277

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

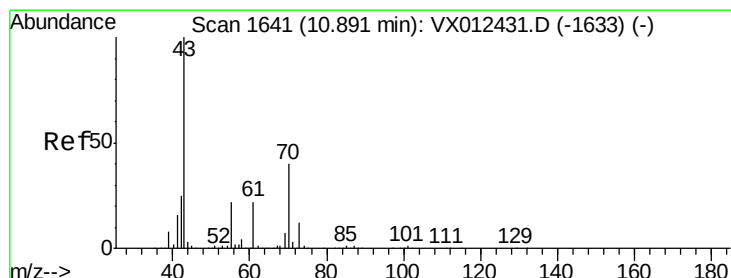
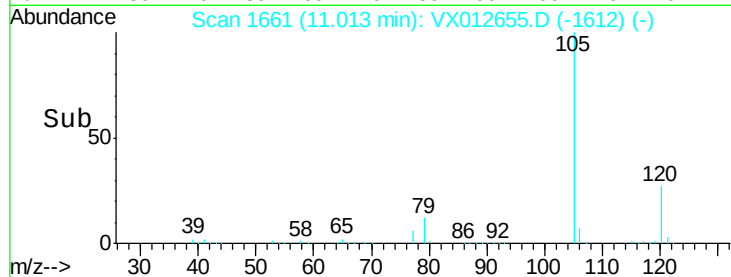
100000

50000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 21.193 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Tgt Ion: 43 Resp: 102257

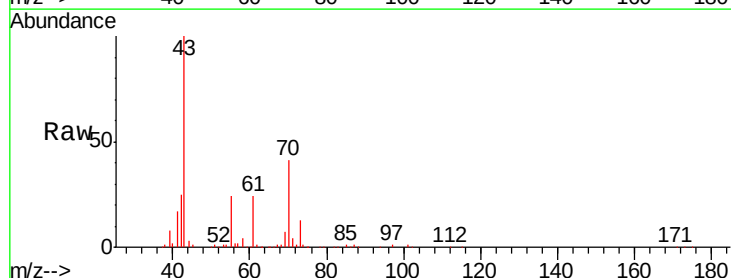
Ion Ratio Lower Upper

43 100

70 41.4 32.4 48.6

55 24.3 18.2 27.4

61 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

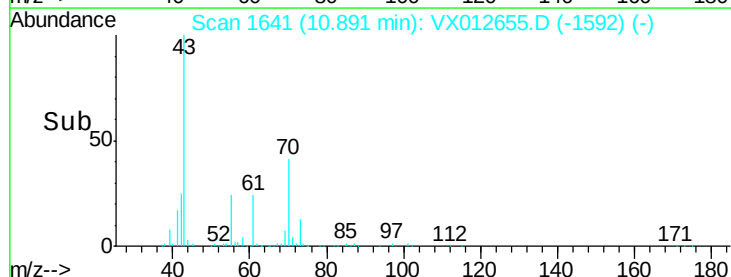
40000

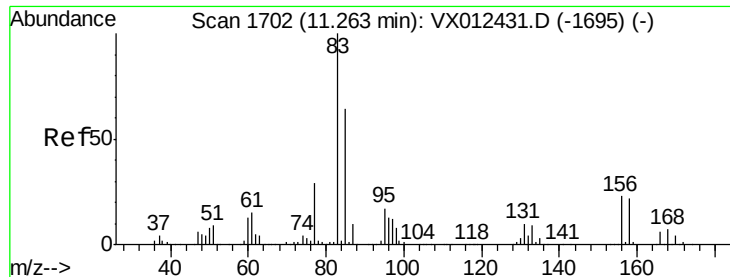
20000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.502 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

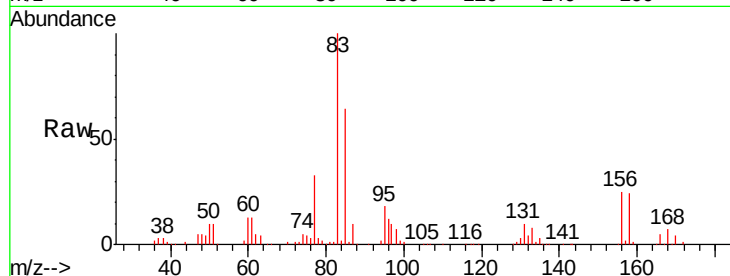
Tgt Ion: 83 Resp: 72022

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

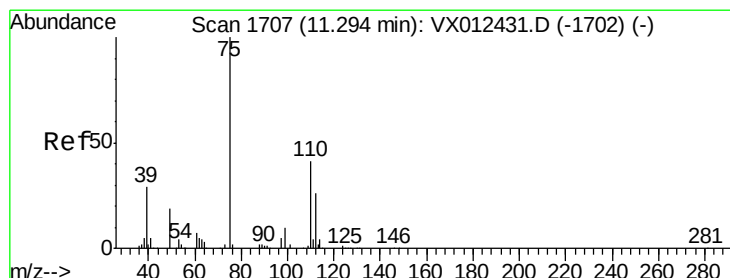
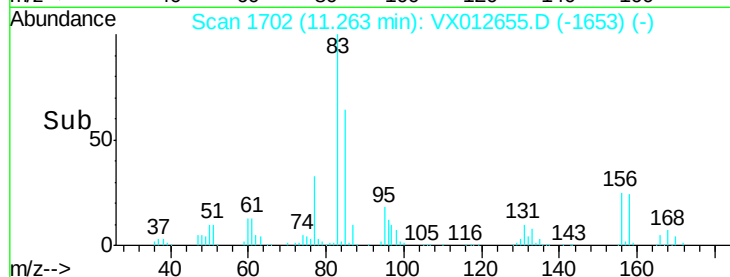
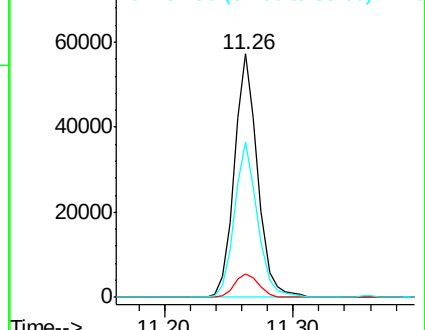
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.047 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012655.D

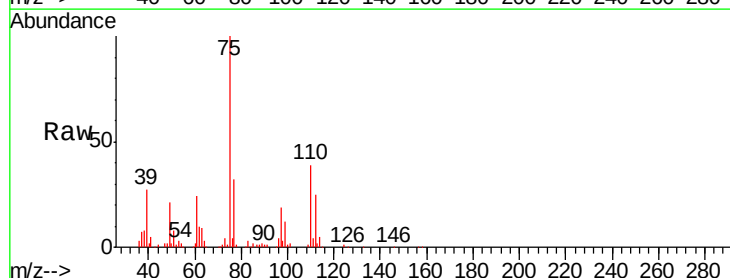
Acq: 25 Sep 2019 12:45

Tgt Ion: 75 Resp: 85559

Ion Ratio Lower Upper

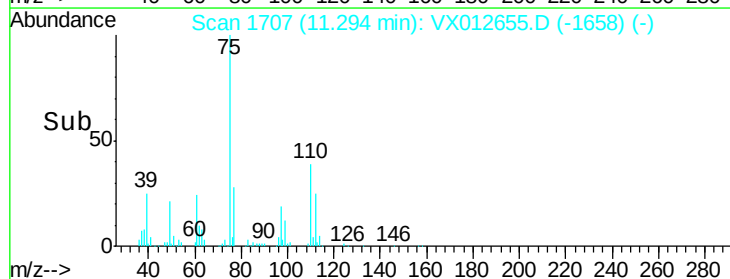
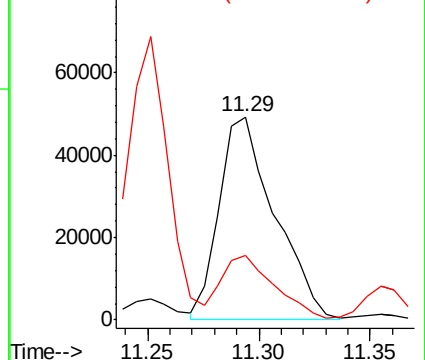
75 100

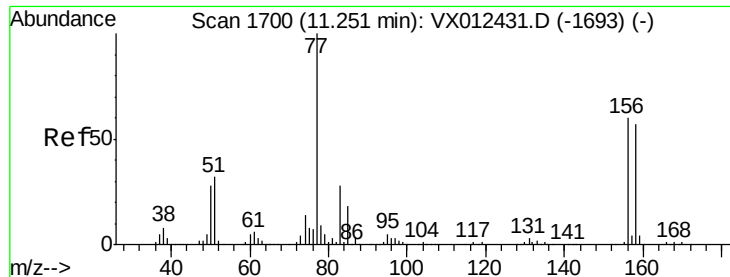
77 30.5 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.862 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

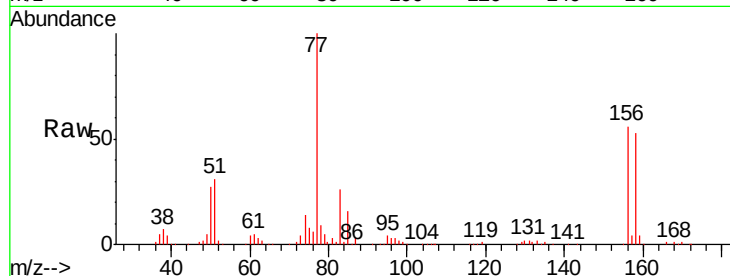
Tgt Ion:156 Resp: 47753

Ion Ratio Lower Upper

156 100

77 183.9 87.3 261.8

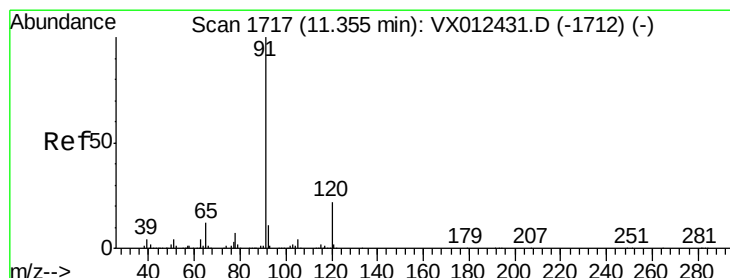
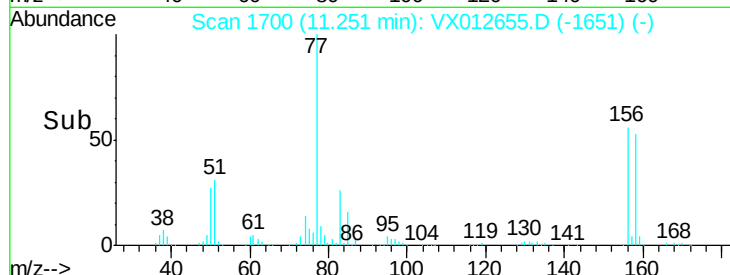
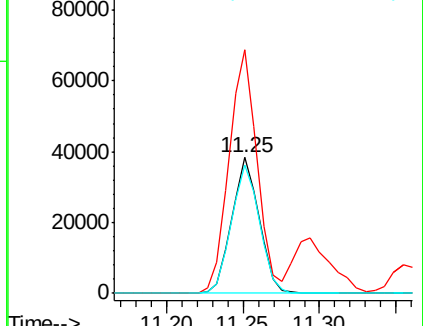
158 96.9 48.5 145.6



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: 20.761 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012655.D

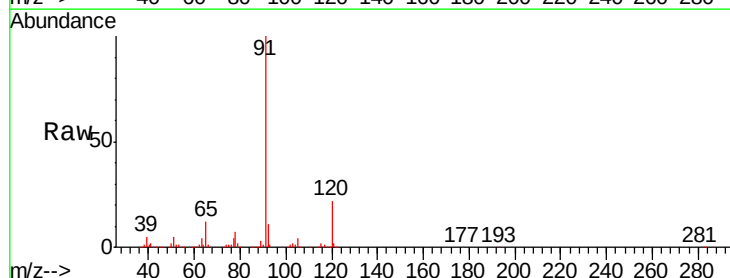
Acq: 25 Sep 2019 12:45

Tgt Ion: 91 Resp: 236390

Ion Ratio Lower Upper

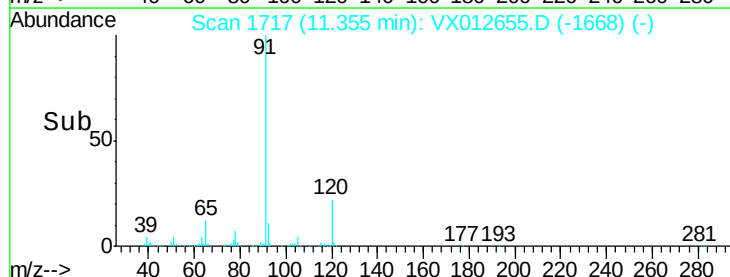
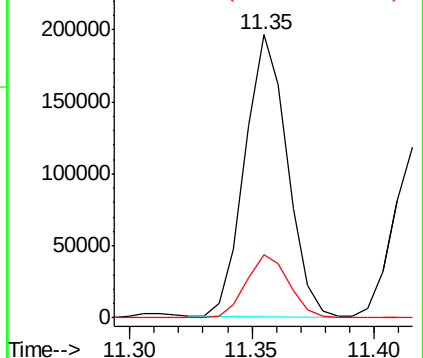
91 100

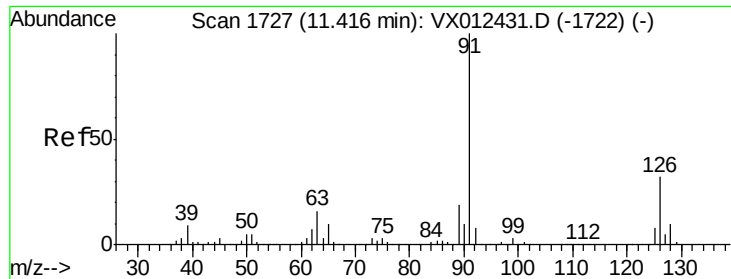
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

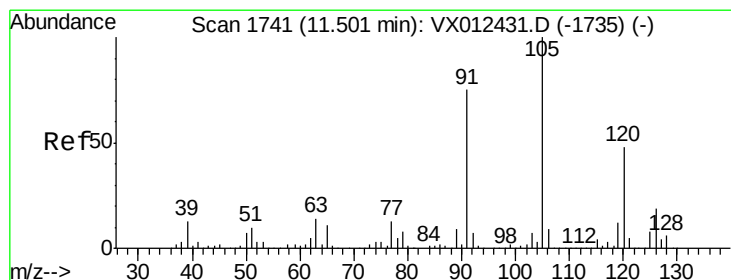
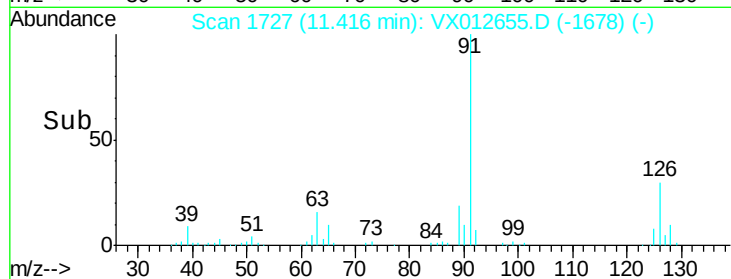
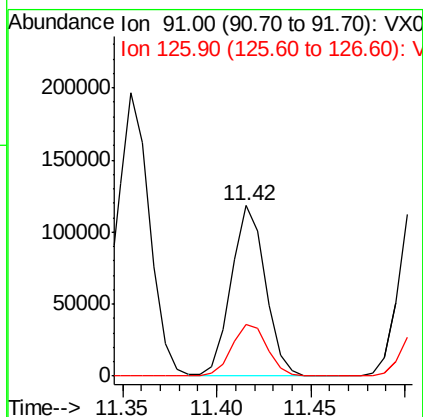
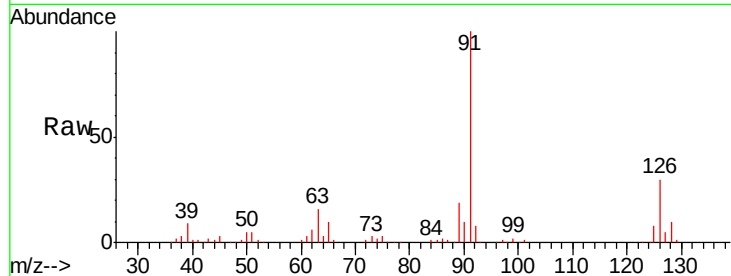




#79
 2-Chlorotoluene
 Concen: 20.790 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

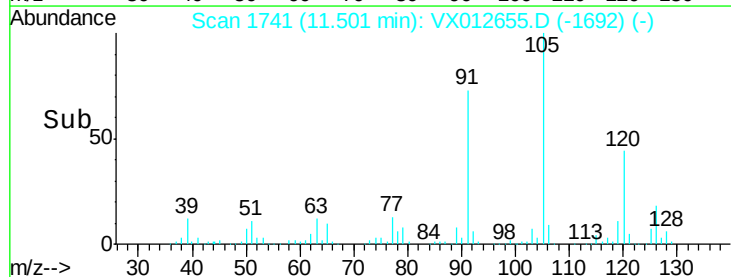
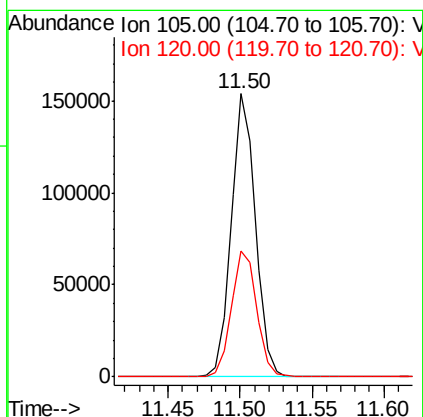
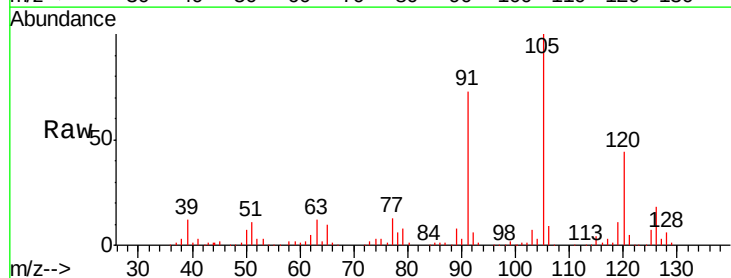
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

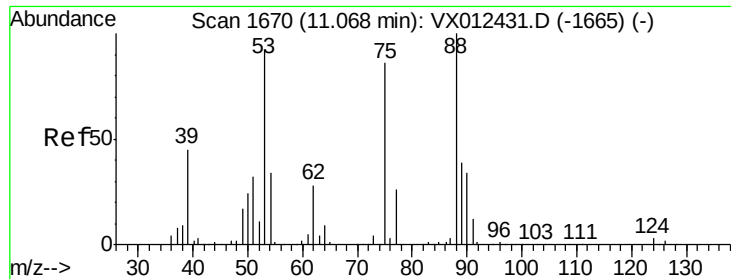
Tgt Ion: 91 Resp: 147671
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.423 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion: 105 Resp: 181692
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.945 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0925WBSD01

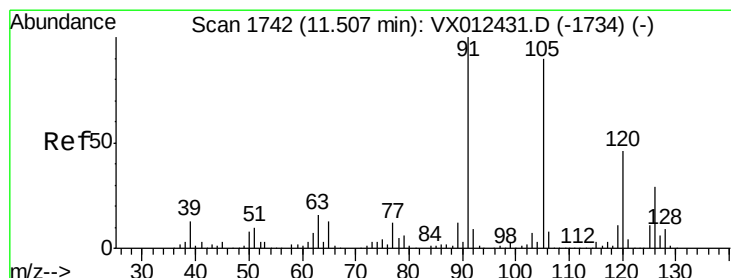
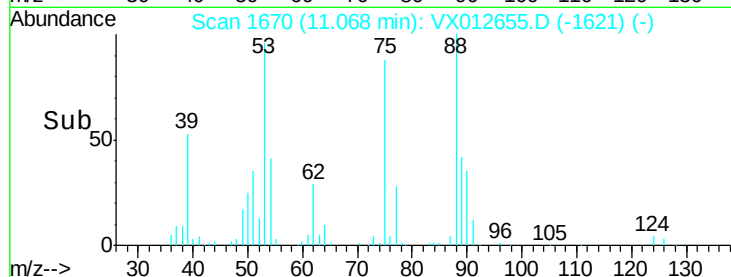
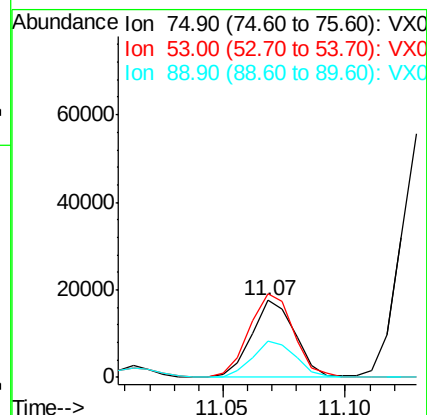
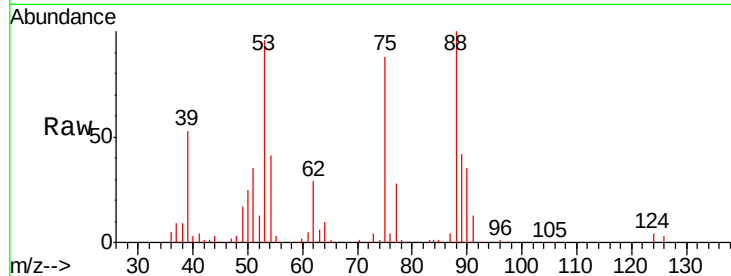
Tgt Ion: 75 Resp: 21715

Ion Ratio Lower Upper

75 100

53 112.7 83.6 125.4

89 47.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 21.359 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012655.D

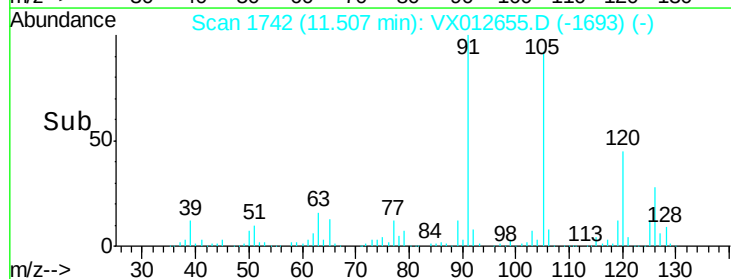
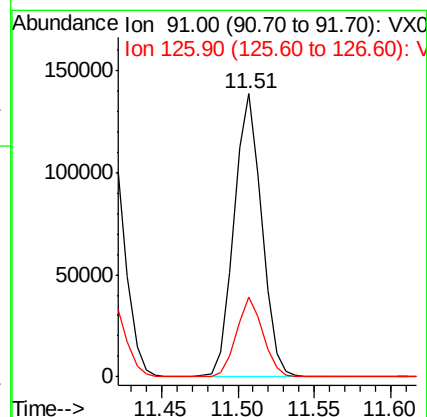
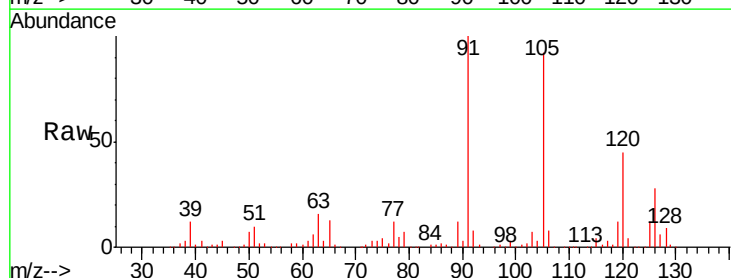
Acq: 25 Sep 2019 12:45

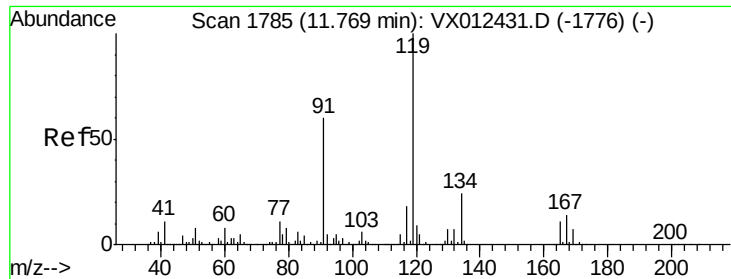
Tgt Ion: 91 Resp: 172943

Ion Ratio Lower Upper

91 100

126 27.1 14.4 43.0

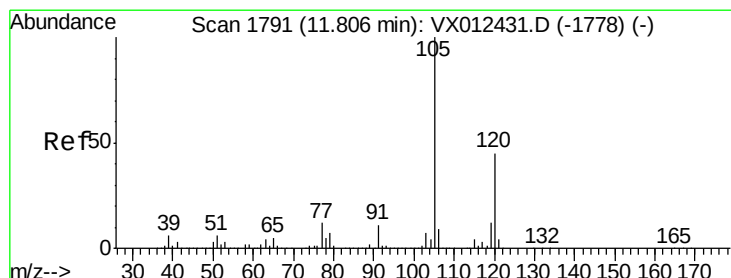
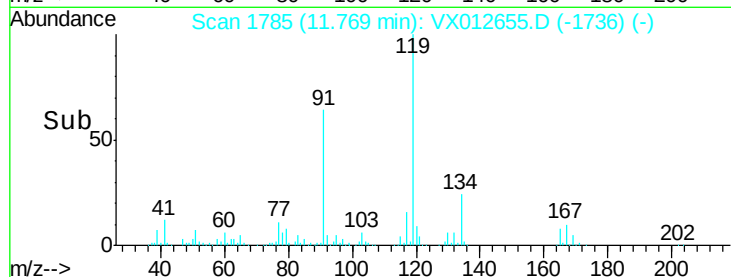
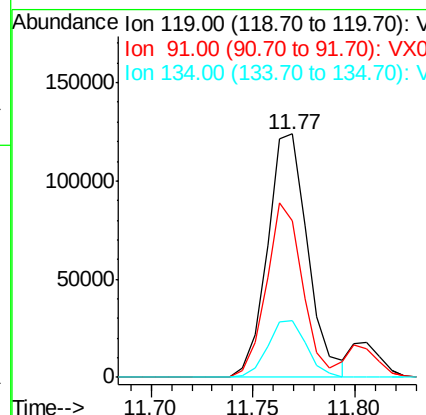
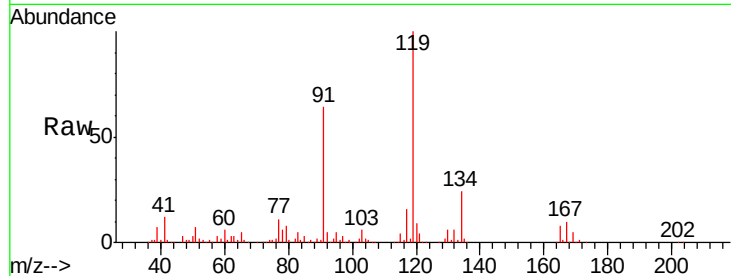




#83
 tert-Butylbenzene
 Concen: 20.856 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

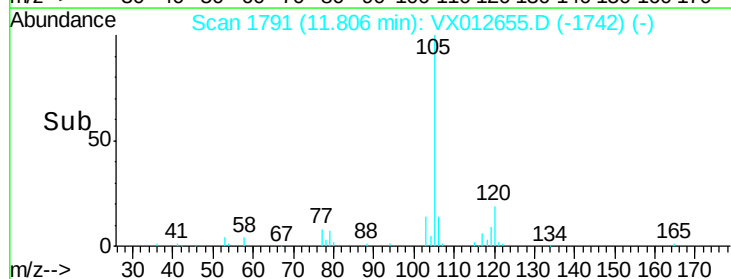
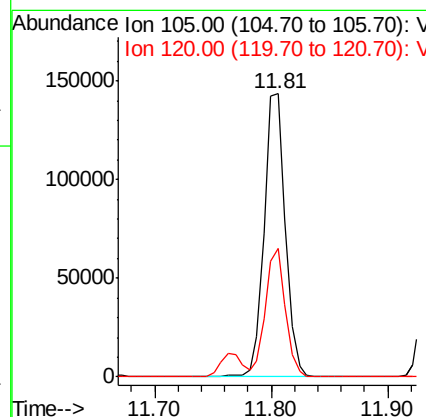
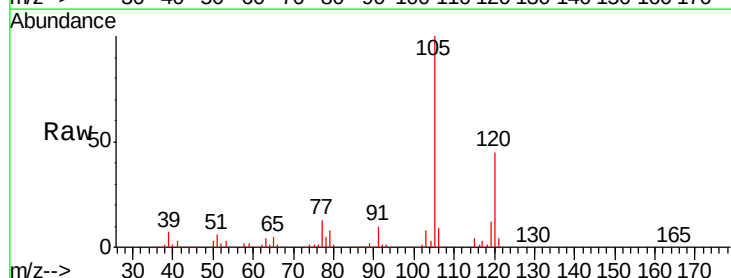
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

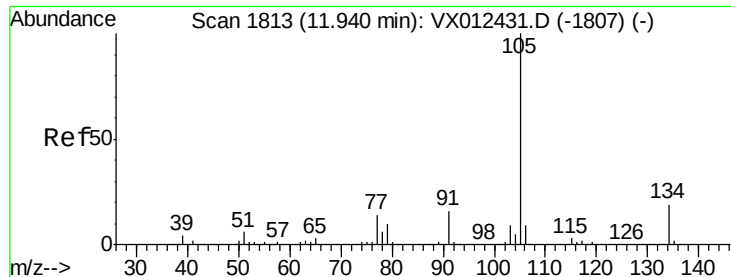
Tgt Ion:119 Resp: 170629
 Ion Ratio Lower Upper
 119 100
 91 64.2 30.0 90.0
 134 22.7 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.332 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion:105 Resp: 182510
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.2 66.6

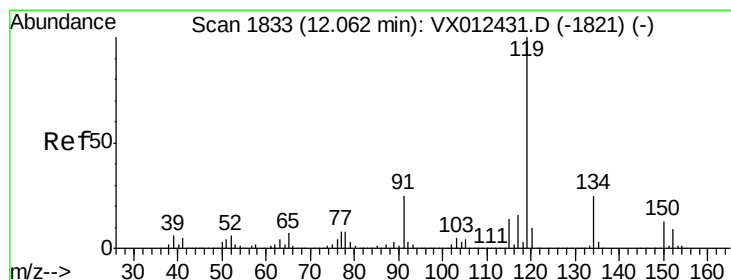
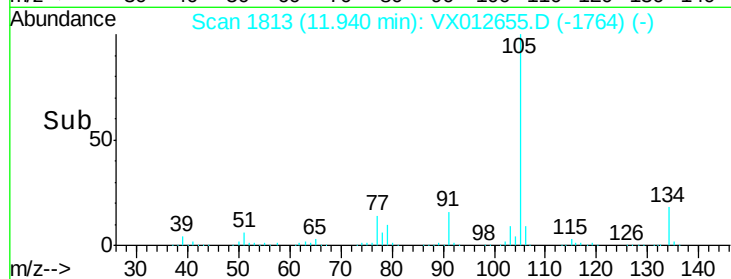
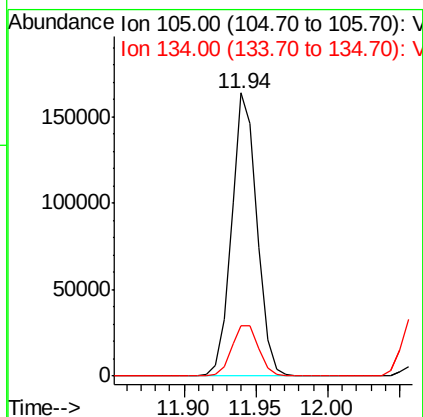
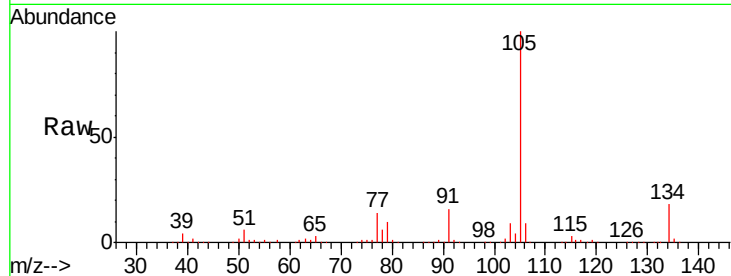




#85
 sec-Butylbenzene
 Concen: 21.116 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

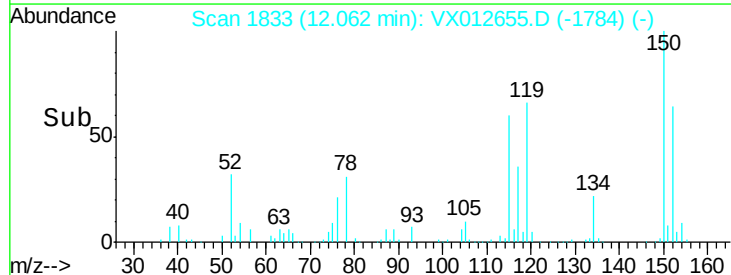
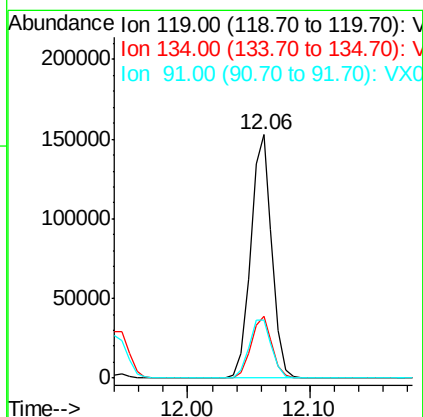
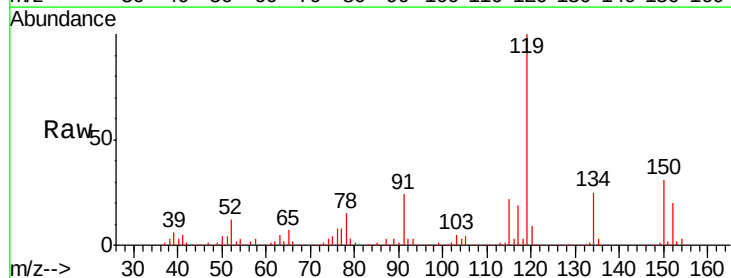
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

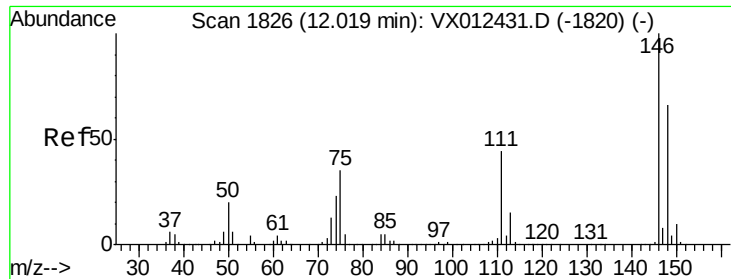
Tgt Ion:105 Resp: 200934
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.288 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012655.D
 Acq: 25 Sep 2019 12:45

Tgt Ion:119 Resp: 182783
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 25.9 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 20.362 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

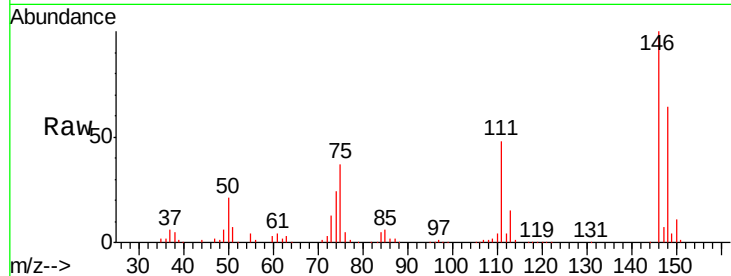
Tgt Ion:146 Resp: 83880

Ion Ratio Lower Upper

146 100

111 45.0 21.3 64.0

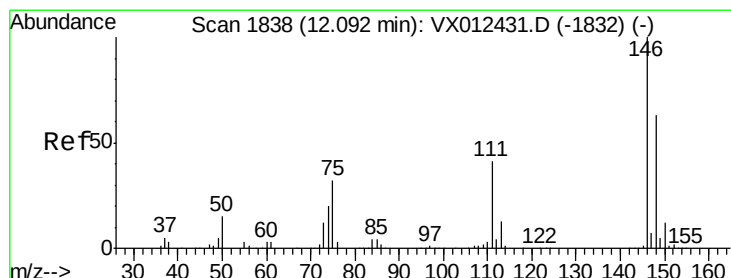
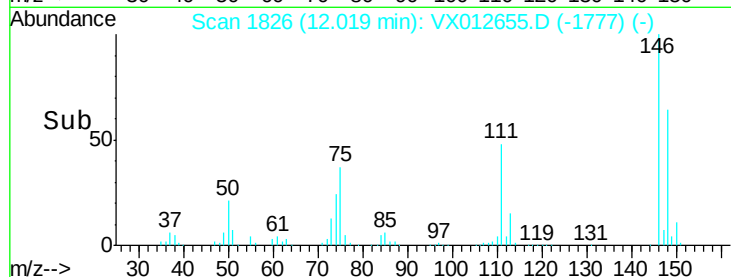
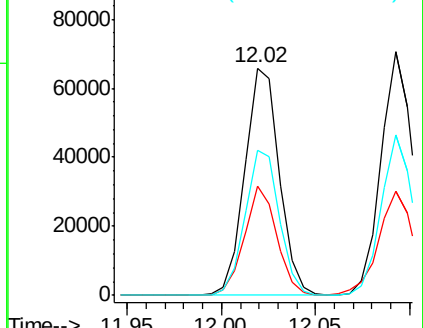
148 63.3 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.433 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

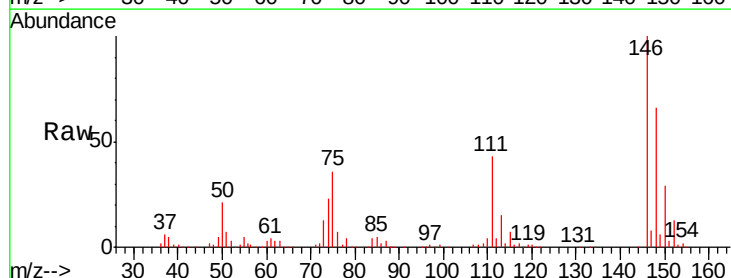
Tgt Ion:146 Resp: 85053

Ion Ratio Lower Upper

146 100

111 45.4 21.1 63.3

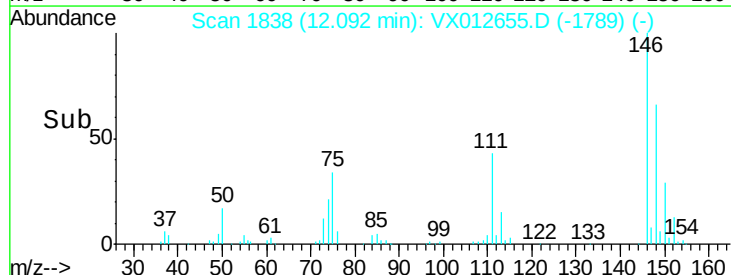
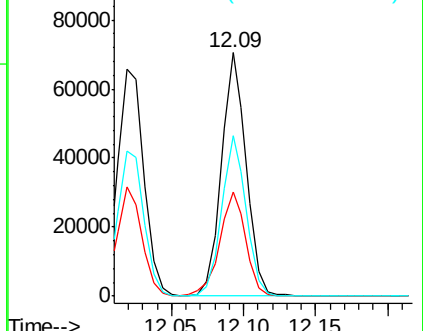
148 65.3 32.1 96.5

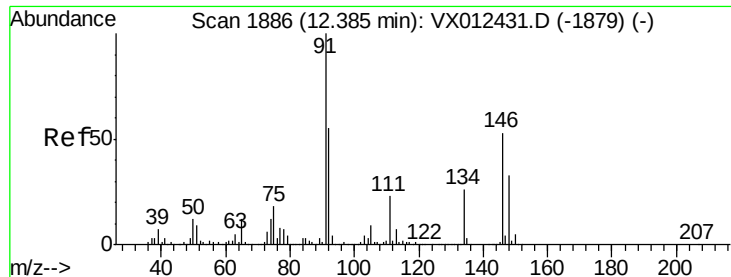


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

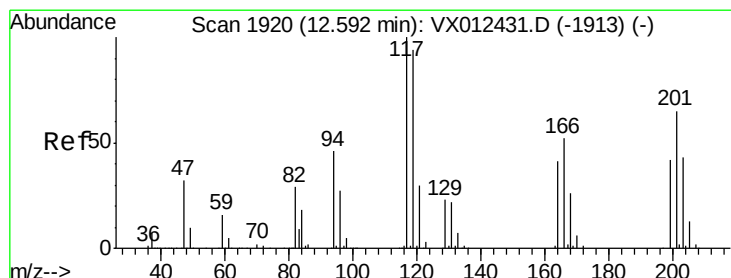
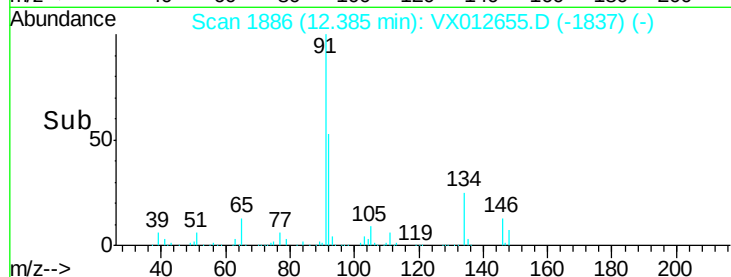
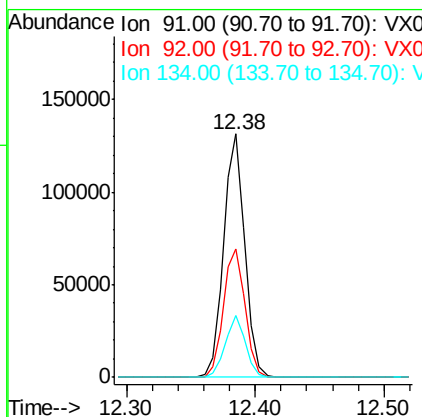
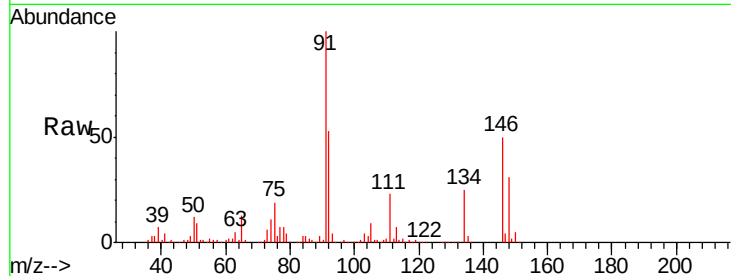




#89
n-Butylbenzene
Concen: 20.147 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

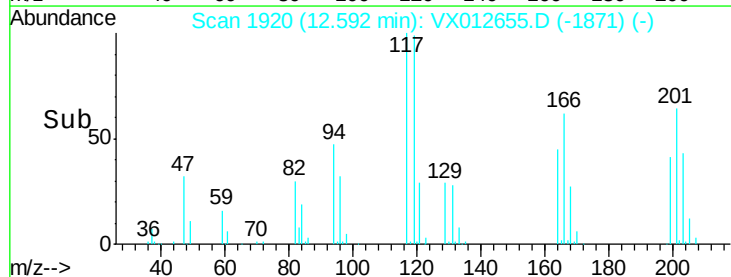
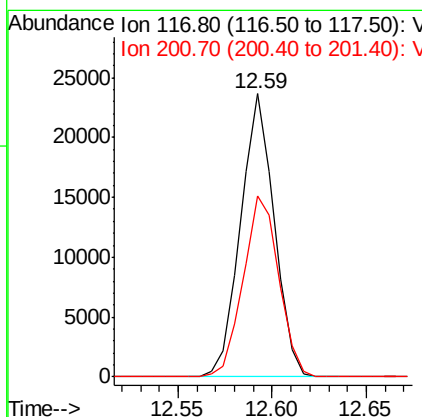
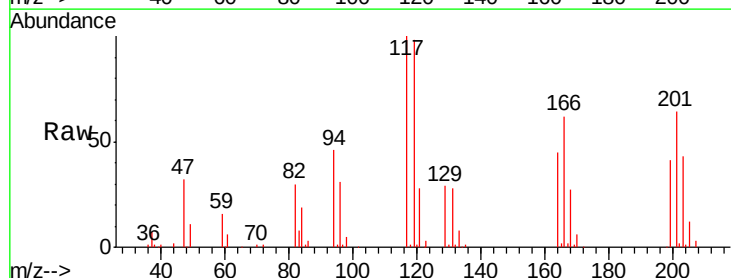
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

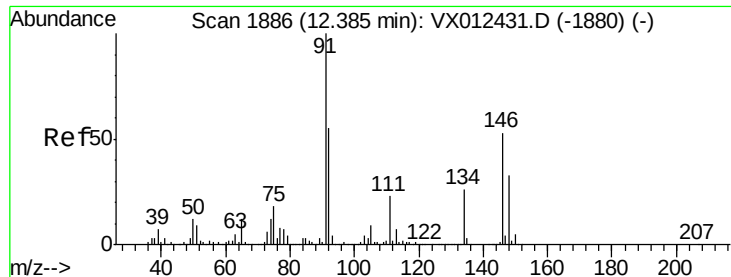
Tgt Ion: 91 Resp: 152435
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 24.4 12.9 38.6



#90
Hexachloroethane
Concen: 19.111 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion: 117 Resp: 29255
Ion Ratio Lower Upper
117 100
201 67.7 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 21.081 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

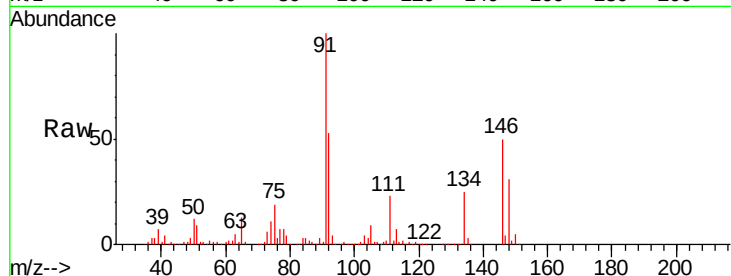
Tgt Ion:146 Resp: 86941

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.1

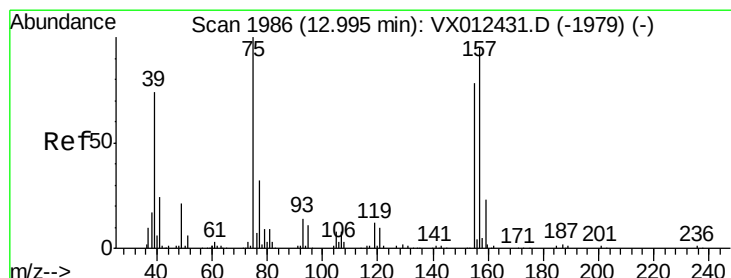
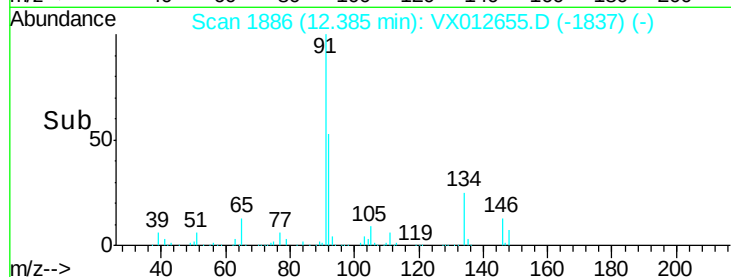
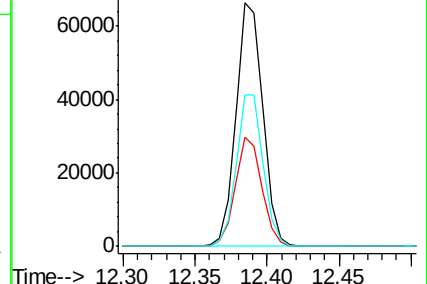
148 62.0 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.995 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

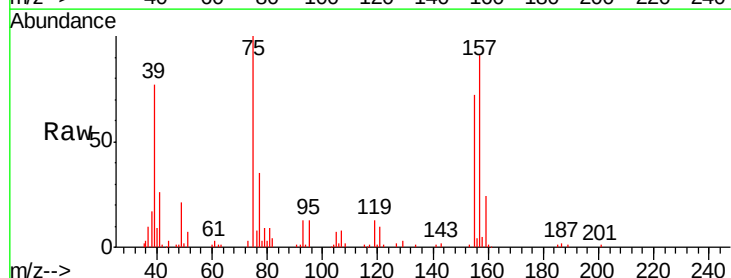
Tgt Ion: 75 Resp: 17591

Ion Ratio Lower Upper

75 100

155 74.7 38.6 115.8

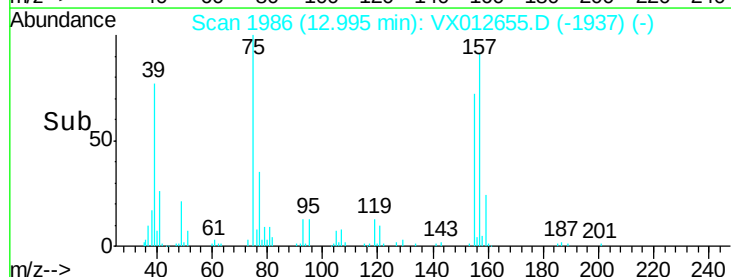
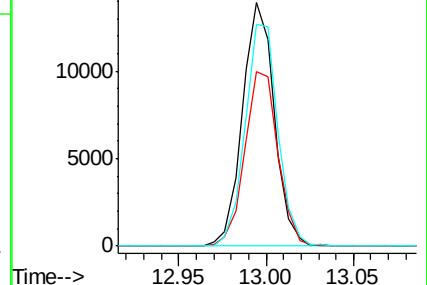
157 93.6 50.6 151.9

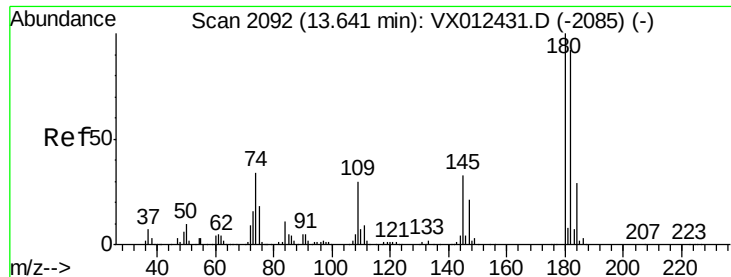


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.777 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBSD01

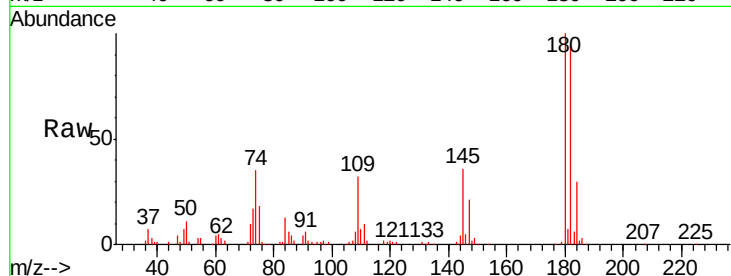
Tgt Ion:180 Resp: 49741

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.0

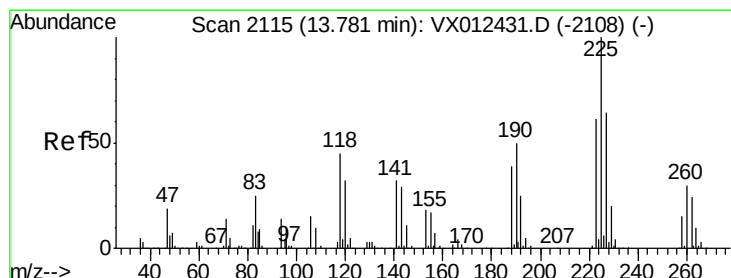
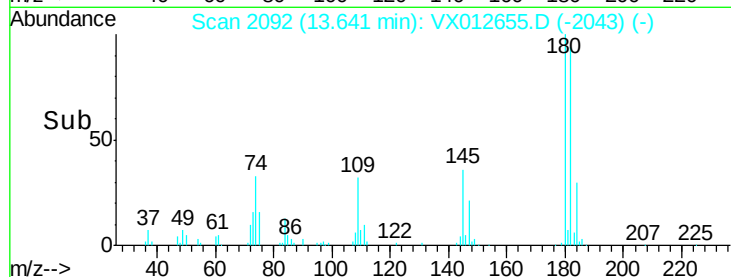
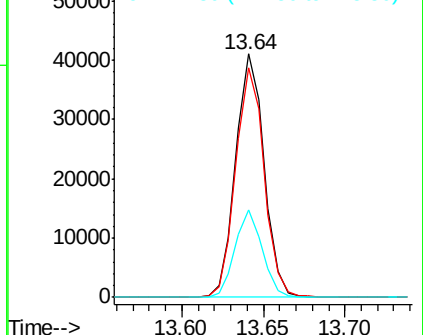
145 34.5 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.599 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012655.D

Acq: 25 Sep 2019 12:45

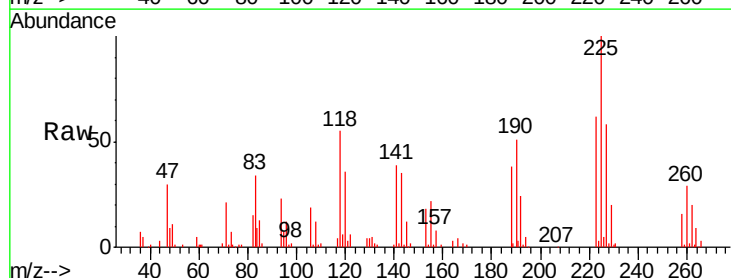
Tgt Ion:225 Resp: 22288

Ion Ratio Lower Upper

225 100

223 60.3 32.0 96.2

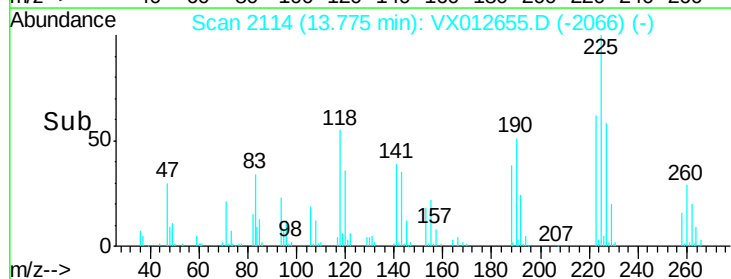
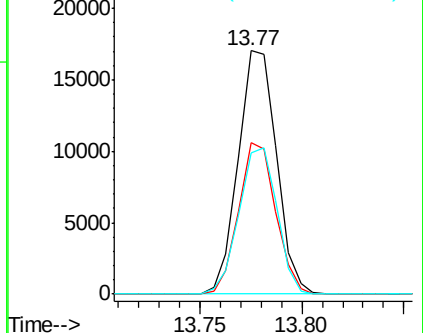
227 59.7 31.9 95.5

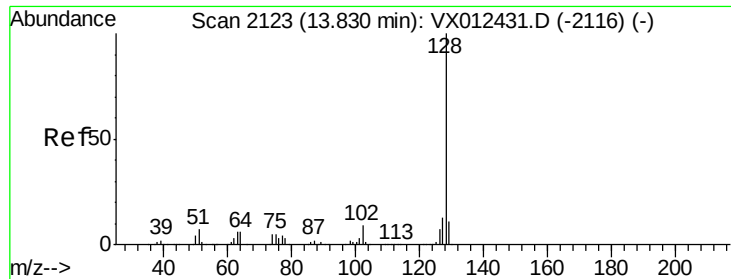


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

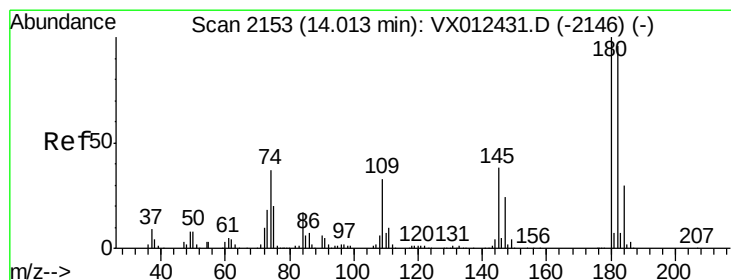
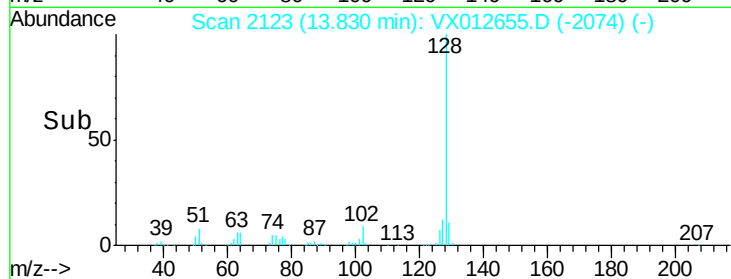
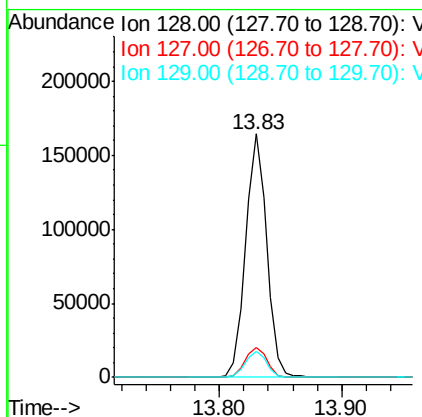
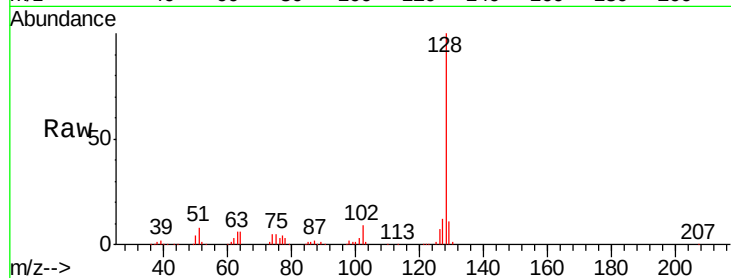




#95
Naphthalene
Concen: 21.593 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBSD01

Tgt Ion:128 Resp: 196487
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.559 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012655.D
Acq: 25 Sep 2019 12:45

Tgt Ion:180 Resp: 51798
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.3
145 36.6 18.0 54.0

