

Data File : VX012438.D
Acq On : 17 Sep 2019 17:55
Operator : JC/SP
Sample : VX0917WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Quant Time: Sep 18 03:22:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	119186	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.48	113	84751	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	316227	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.14	95	127325	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	22854	20.424	ug/l	99
3) Chloromethane	1.32	50	18542	19.879	ug/l	100
4) Vinyl Chloride	1.40	62	20565	20.399	ug/l	97
5) Bromomethane	1.63	94	10583	26.721	ug/l	95
6) Chloroethane	1.72	64	14601	18.508	ug/l	96
7) Trichlorofluoromethane	1.92	101	38738	20.962	ug/l	99
8) Diethyl Ether	2.17	74	16543	19.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27374	20.473	ug/l	99
10) Methyl Iodide	2.50	142	18835	19.399	ug/l	98
11) Tert butyl alcohol	3.03	59	58429	91.023	ug/l	96
12) 1,1-Dichloroethene	2.36	96	21626	20.275	ug/l	98
13) Acrolein	2.28	56	17003	78.481	ug/l	95
14) Allyl chloride	2.72	41	48800	19.651	ug/l	97
15) Acrylonitrile	3.12	53	100530	95.409	ug/l	99
16) Acetone	2.43	43	98902	83.724	ug/l	98
17) Carbon Disulfide	2.56	76	28535	20.039	ug/l	100
18) Methyl Acetate	2.76	43	49114	19.384	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	115756	19.904	ug/l	99
20) Methylene Chloride	2.84	84	28413	19.308	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	22702	20.496	ug/l	97
22) Diisopropyl ether	3.84	45	115906	19.934	ug/l	96
23) Vinyl Acetate	3.80	43	474629	99.232	ug/l	99
24) 1,1-Dichloroethane	3.69	63	56198	20.200	ug/l	99
25) 2-Butanone	4.65	43	149094	88.396	ug/l	96
26) 2,2-Dichloropropane	4.56	77	50587	18.489	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	32998	19.943	ug/l	98
28) Bromochloromethane	5.00	49	27874	19.435	ug/l	98
29) Tetrahydrofuran	5.12	42	89062	95.583	ug/l	100
30) Chloroform	5.20	83	62049	19.420	ug/l	94
31) Cyclohexane	5.56	56	35257	20.994	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	53449	20.015	ug/l	100
36) 1,1-Dichloropropene	5.78	75	34406	19.908	ug/l	97
37) Ethyl Acetate	4.81	43	53929	20.329	ug/l	98
38) Carbon Tetrachloride	5.77	117	41859	19.474	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Quant Time: Sep 18 03:22:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	36059	21.463	ug/l	97
40) Benzene	6.13	78	111376	20.266	ug/l	98
41) Methacrylonitrile	5.03	41	32754	19.175	ug/l	97
42) 1,2-Dichloroethane	6.18	62	50793	19.927	ug/l	100
43) Isopropyl Acetate	6.43	43	91455	19.208	ug/l	99
44) Trichloroethene	7.20	130	28708	19.858	ug/l	93
45) 1,2-Dichloropropane	7.51	63	32623	19.322	ug/l	96
46) Dibromomethane	7.65	93	21489	19.668	ug/l	98
47) Bromodichloromethane	7.89	83	48209	19.816	ug/l	99
48) Methyl methacrylate	7.76	41	42527	18.948	ug/l	99
49) 1,4-Dioxane	7.73	88	20114	368.216	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	293628	94.038	ug/l	99
52) Toluene	8.78	92	71789	20.272	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49637	19.628	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	52068	19.888	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35325	19.362	ug/l	99
56) Ethyl methacrylate	9.17	69	55022	19.289	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57901	19.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	150097	101.654	ug/l	99
59) 2-Hexanone	9.48	43	225167	92.433	ug/l	100
60) Dibromochloromethane	9.57	129	36722	19.760	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34025	20.420	ug/l	98
64) Tetrachloroethene	9.33	164	24667	21.438	ug/l	96
65) Chlorobenzene	10.14	112	83853	20.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	35845	20.840	ug/l	98
67) Ethyl Benzene	10.25	91	147908	20.773	ug/l	99
68) m/p-Xylenes	10.36	106	109328	42.201	ug/l	99
69) o-Xylene	10.70	106	55422	20.802	ug/l	99
70) Styrene	10.71	104	97715	20.729	ug/l	99
71) Bromoform	10.85	173	24999	18.782	ug/l #	99
73) Isopropylbenzene	11.01	105	155876	20.305	ug/l	99
74) N-amyl acetate	10.89	43	80547	19.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57569	19.117	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66463	23.649	ug/l	87
77) Bromobenzene	11.25	156	37224	19.883	ug/l	99
78) n-propylbenzene	11.35	91	177418	20.736	ug/l	99
79) 2-Chlorotoluene	11.42	91	113077	20.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	137880	21.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16777	18.469	ug/l	91
82) 4-Chlorotoluene	11.51	91	133072	20.831	ug/l	98
83) tert-Butylbenzene	11.76	119	143992	20.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140968	20.971	ug/l	100
85) sec-Butylbenzene	11.94	105	161672	20.914	ug/l	99
86) p-Isopropyltoluene	12.06	119	147723	20.811	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	73054	20.744	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	73274	20.255	ug/l	99
89) n-Butylbenzene	12.39	91	127890	20.193	ug/l	99
90) Hexachloroethane	12.59	117	26039	20.006	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	72898	19.805	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14405	18.451	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\
Quantitation Report (Not Reviewed)

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Sample : VX0917WBS01
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Instrument :
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ClientSampleId :
VX0917WBS01

Quant Time: Sep 18 03:22:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48195	20.328	ug/l	99
94) Hexachlorobutadiene	13.78	225	22020	19.706	ug/l	97
95) Naphthalene	13.83	128	168172	19.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	49164	20.349	ug/l	98

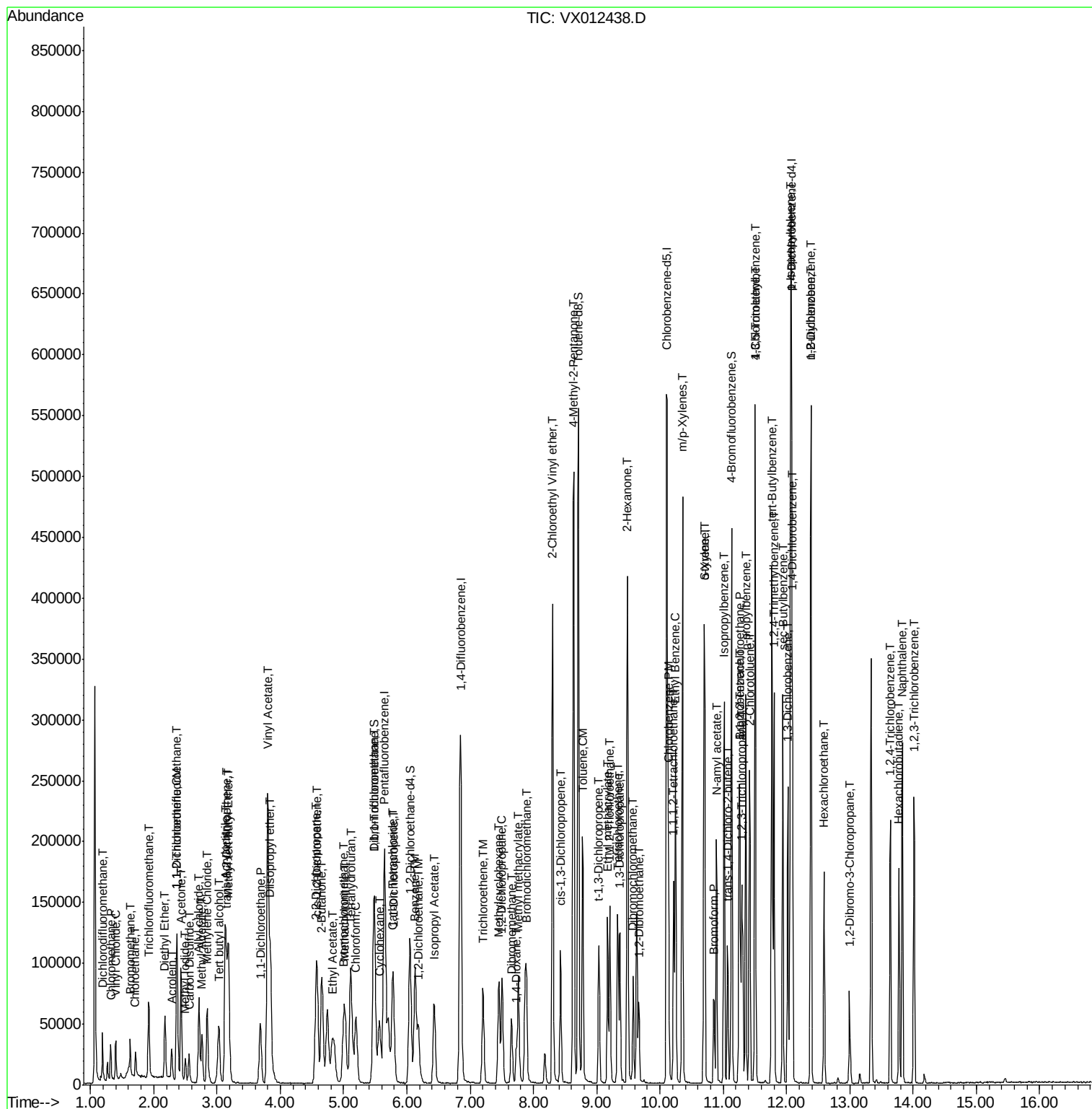
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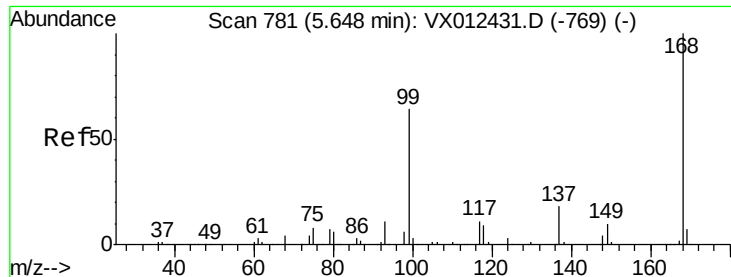
Data File : VX012438.D

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Acq On       : 17 Sep 2019   17:55
Operator     : JC/SP
Sample       : VX0917WBS01
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 12      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Quant Time: Sep 18 03:22:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

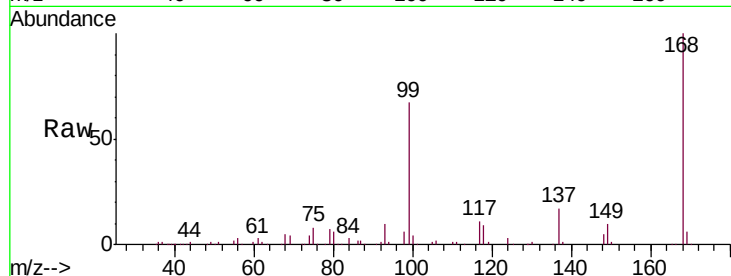
VX0917WBS01

Tgt Ion:168 Resp: 169658

Ion Ratio Lower Upper

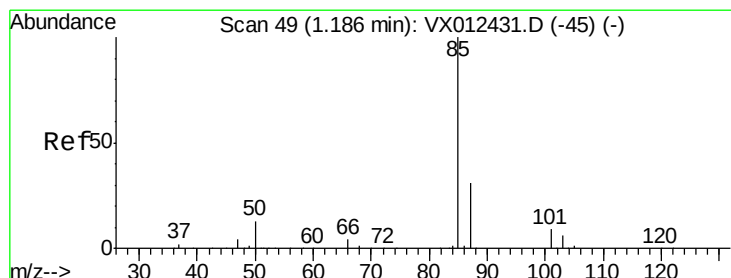
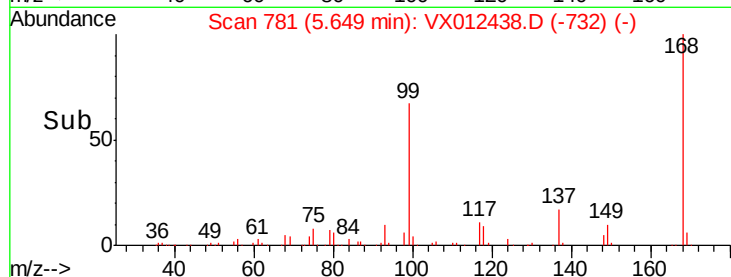
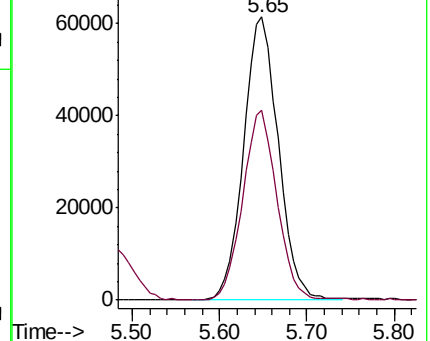
168 100

99 66.8 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: 20.424 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012438.D

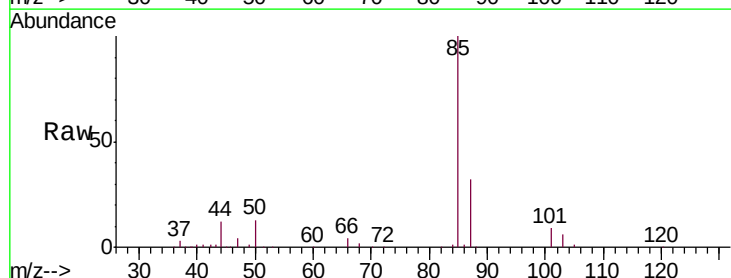
Acq: 17 Sep 2019 17:55

Tgt Ion: 85 Resp: 22854

Ion Ratio Lower Upper

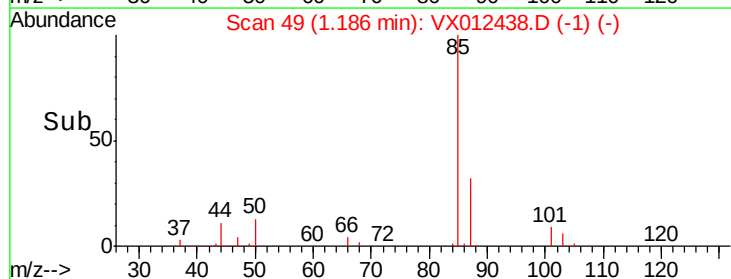
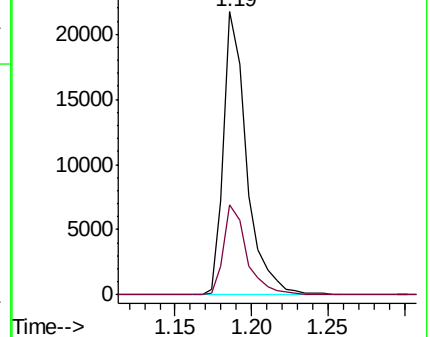
85 100

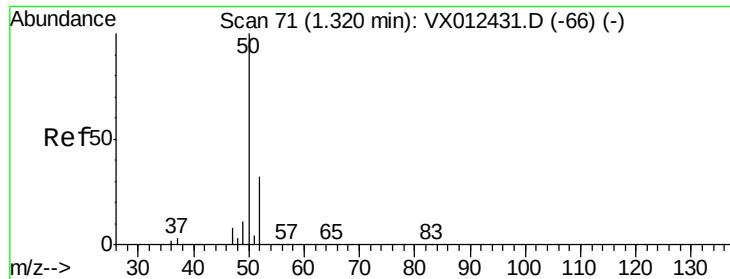
87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.879 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

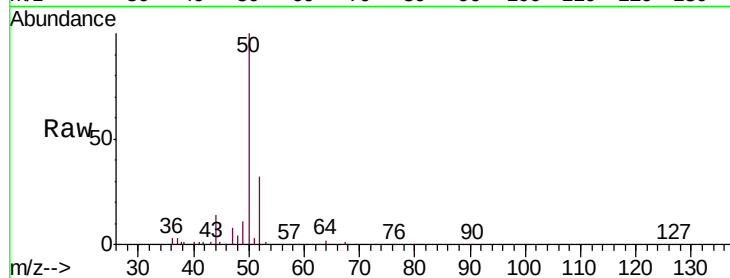
VX0917WBS01

Tgt Ion: 50 Resp: 18542

Ion Ratio Lower Upper

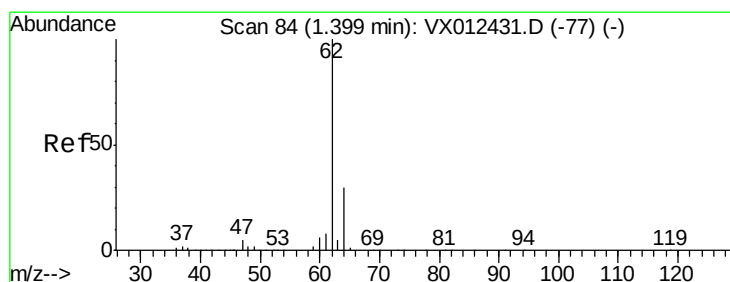
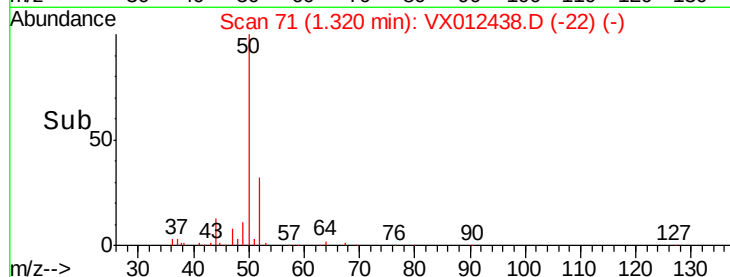
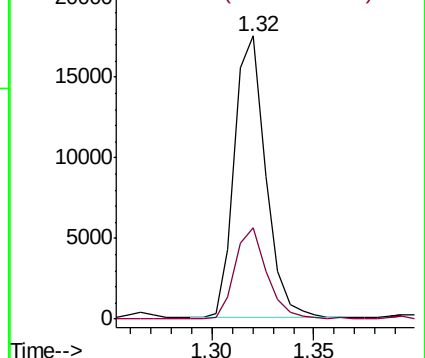
50 100

52 32.3 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: 20.399 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012438.D

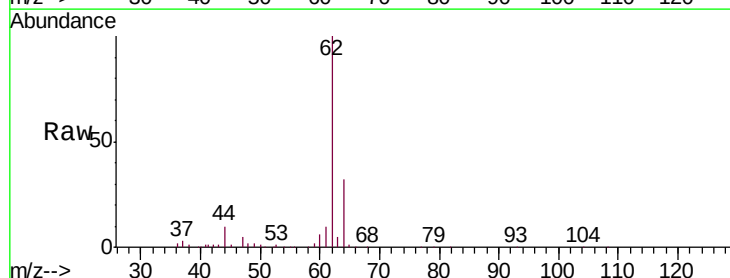
Acq: 17 Sep 2019 17:55

Tgt Ion: 62 Resp: 20565

Ion Ratio Lower Upper

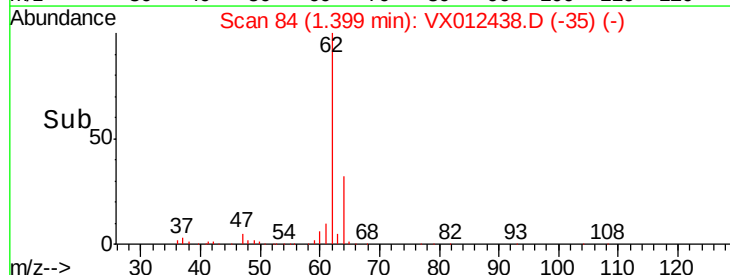
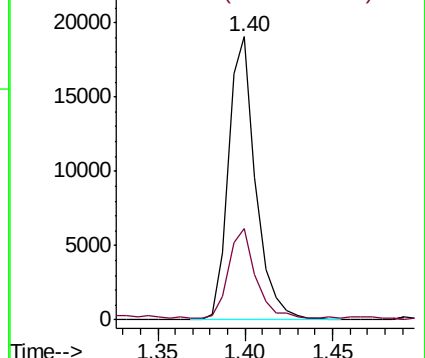
62 100

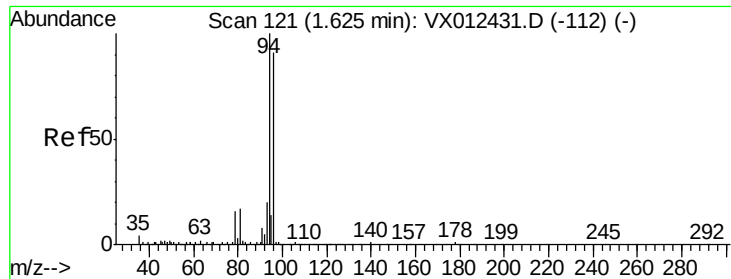
64 31.7 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.721 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

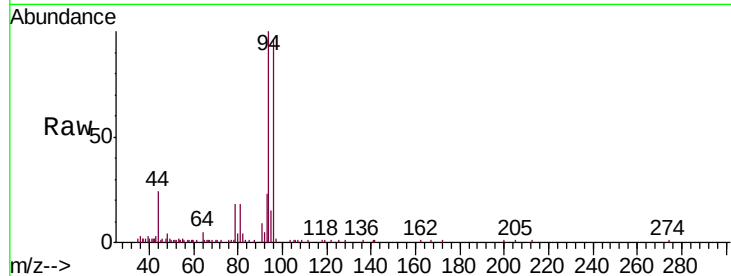
VX0917WBS01

Tgt Ion: 94 Resp: 10583

Ion Ratio Lower Upper

94 100

96 96.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

10000

8000

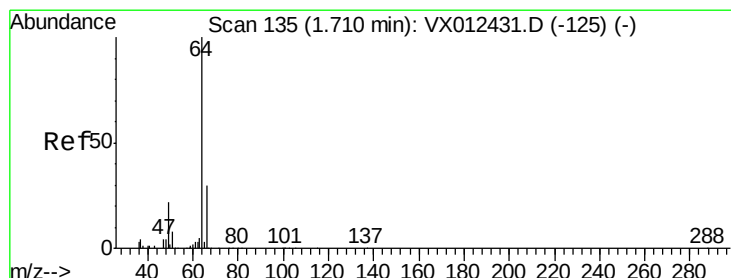
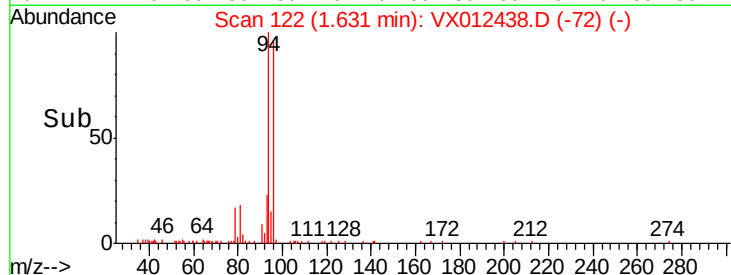
6000

4000

2000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 18.508 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012438.D

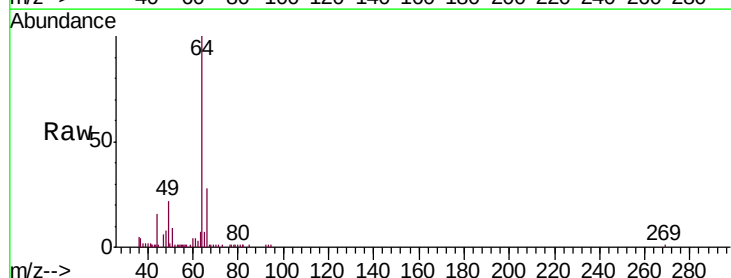
Acq: 17 Sep 2019 17:55

Tgt Ion: 64 Resp: 14601

Ion Ratio Lower Upper

64 100

66 28.0 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

10000

8000

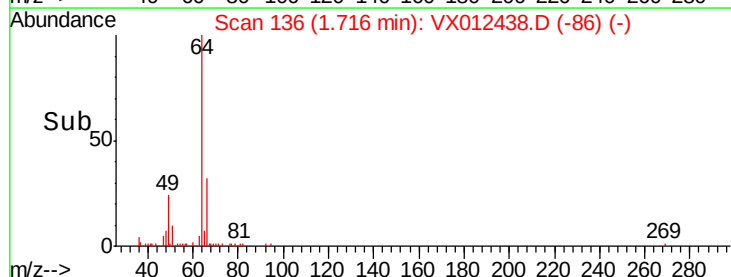
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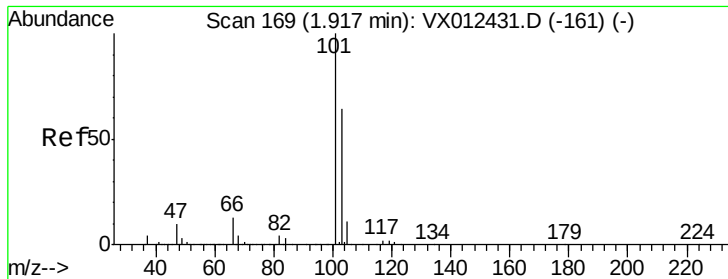
4000

2000

0

Time--> 1.65 1.70 1.75 1.80



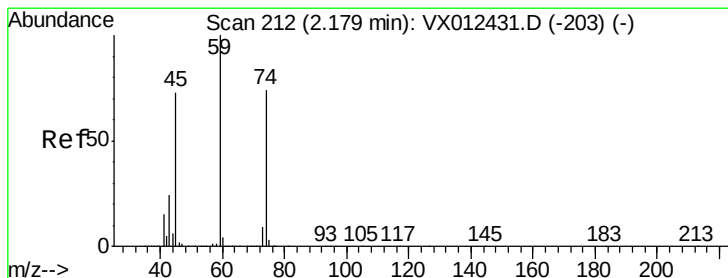
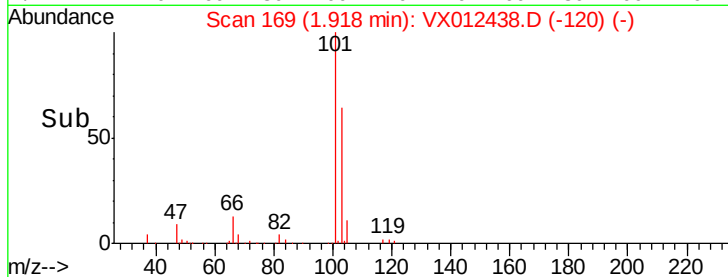
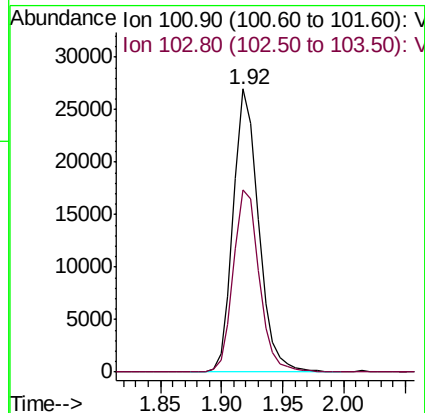
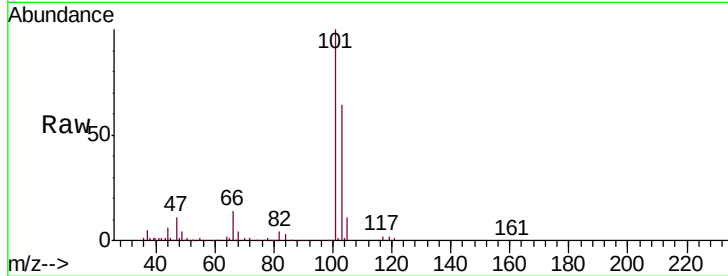


#7

Trichlorofluoromethane
 Concen: 20.962 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

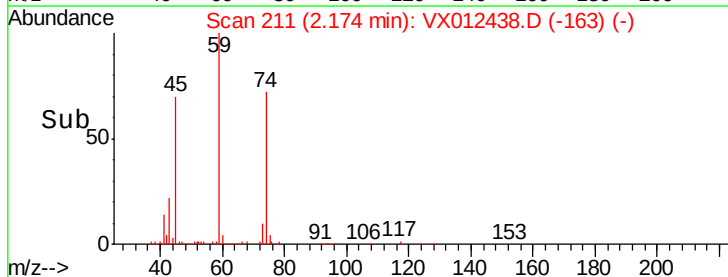
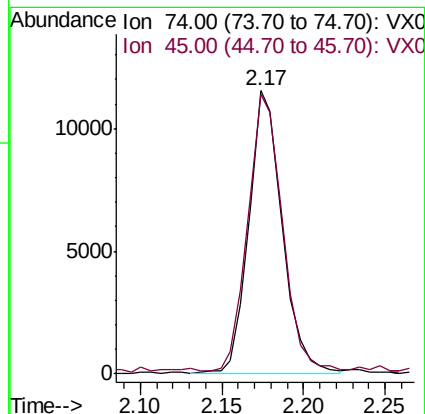
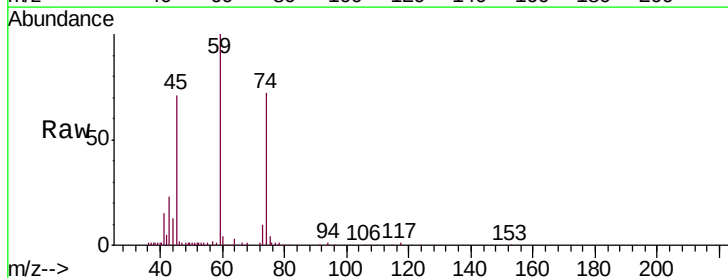
Tgt Ion: 101 Resp: 38738
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.4

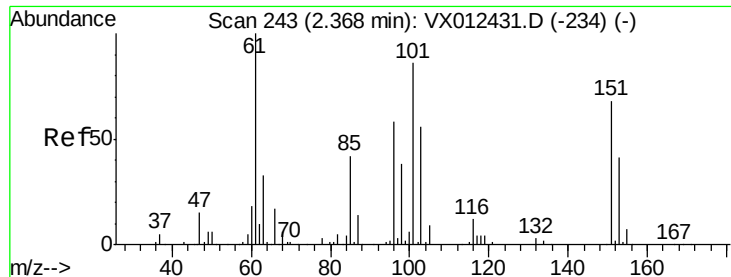


#8

Diethyl Ether
 Concen: 19.819 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 74 Resp: 16543
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.473 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

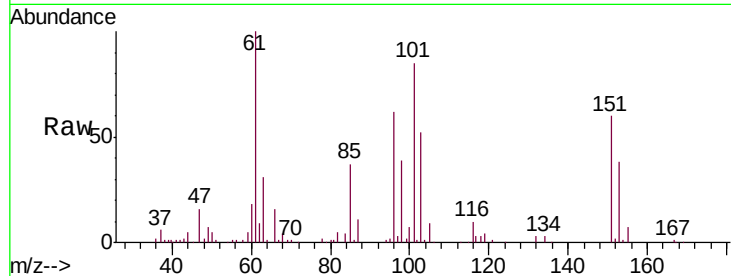
Tgt Ion:101 Resp: 27374

Ion Ratio Lower Upper

101 100

85 45.5 37.3 55.9

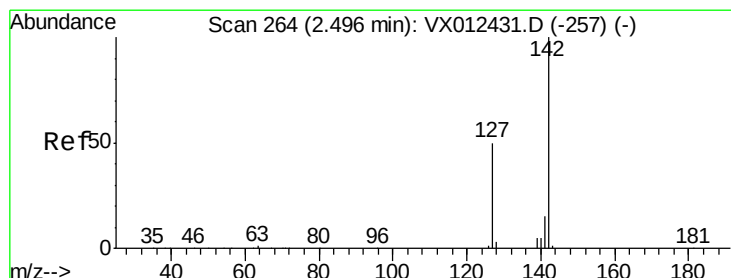
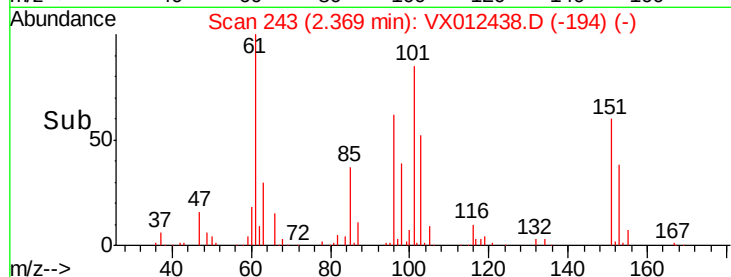
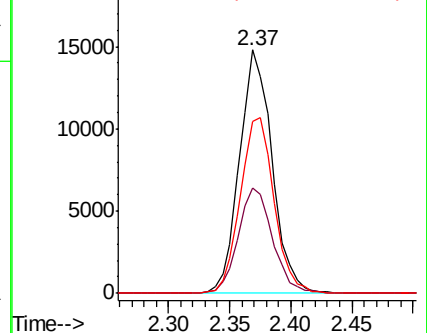
151 75.1 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.399 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

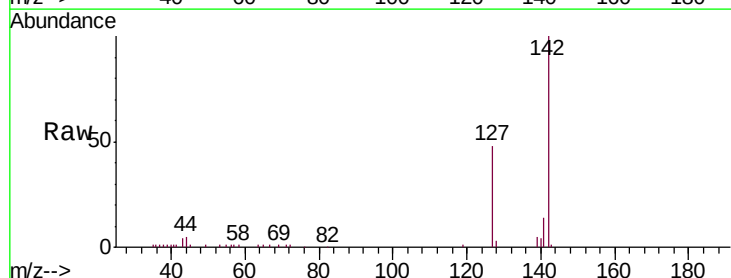
Tgt Ion:142 Resp: 18835

Ion Ratio Lower Upper

142 100

127 49.3 40.8 61.2

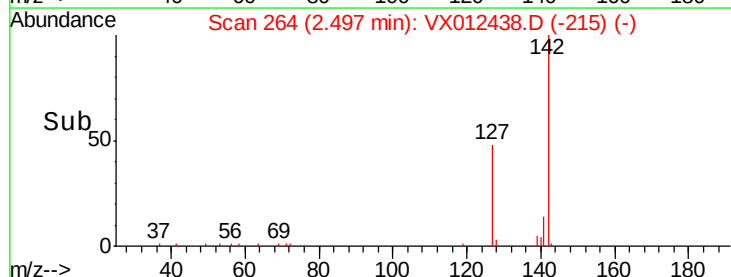
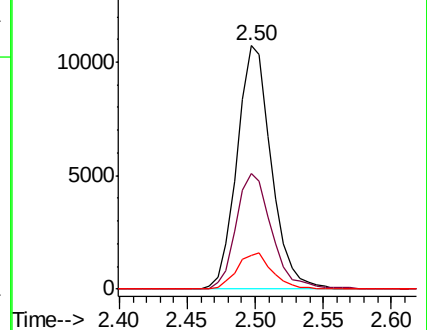
141 15.4 12.1 18.1

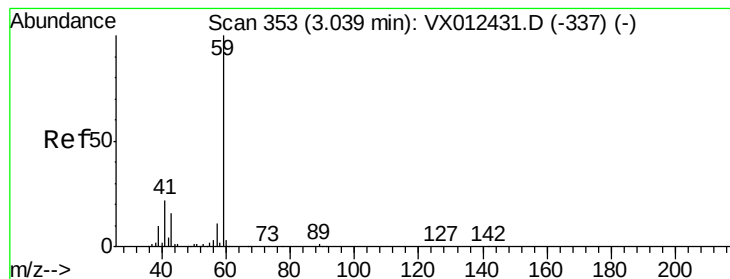


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



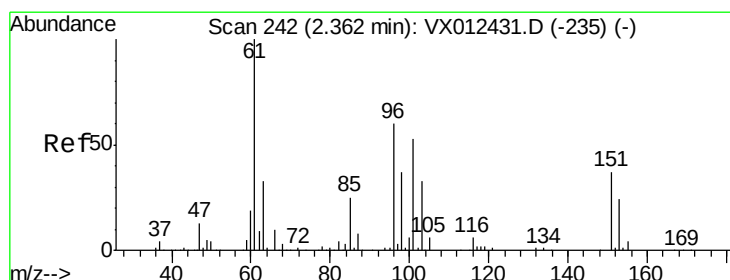
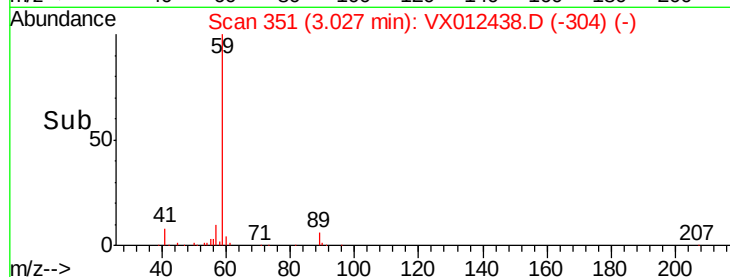
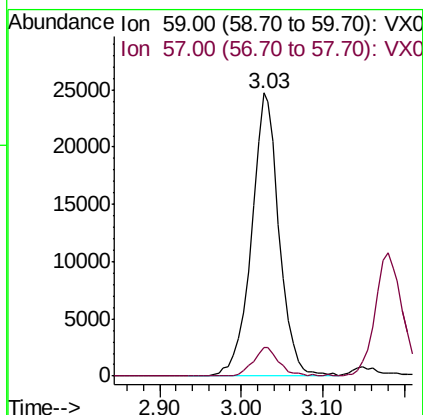
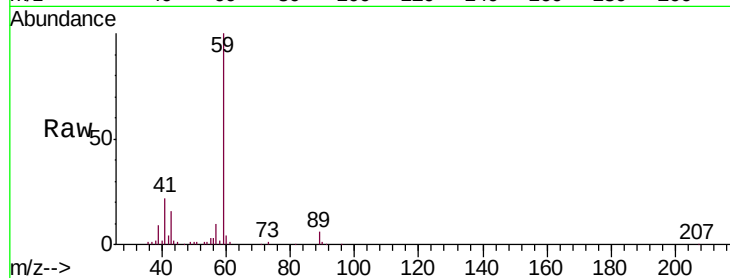


#11

Tert butyl alcohol
 Concen: 91.023 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

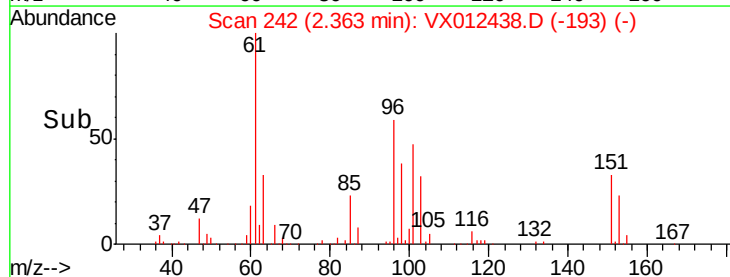
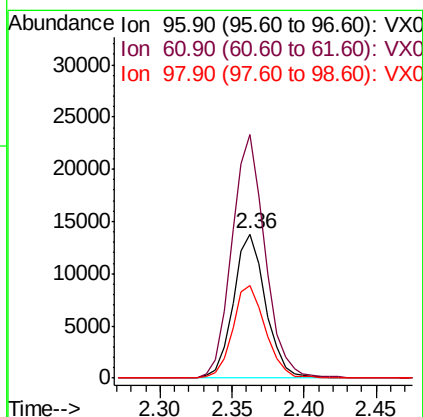
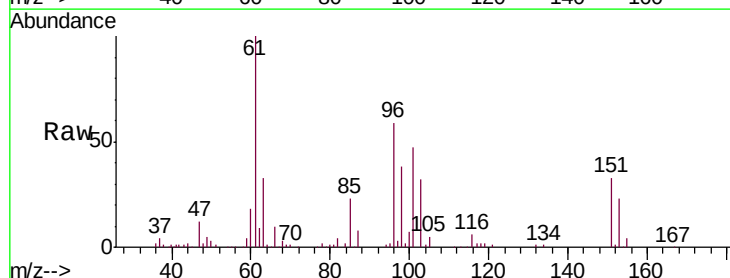
Tgt Ion: 59 Resp: 58429
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.3 12.5

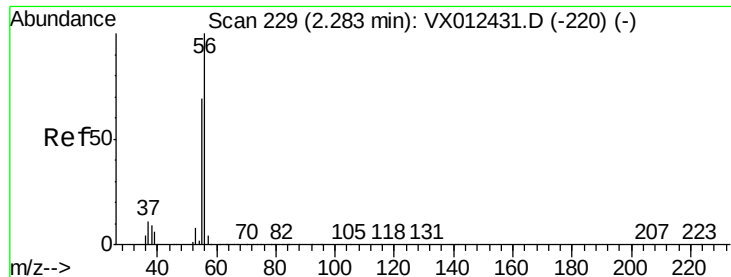


#12

1,1-Dichloroethene
 Concen: 20.275 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 96 Resp: 21626
 Ion Ratio Lower Upper
 96 100
 61 168.8 133.8 200.6
 98 64.4 49.9 74.9





#13

Acrolein

Concen: 78.481 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

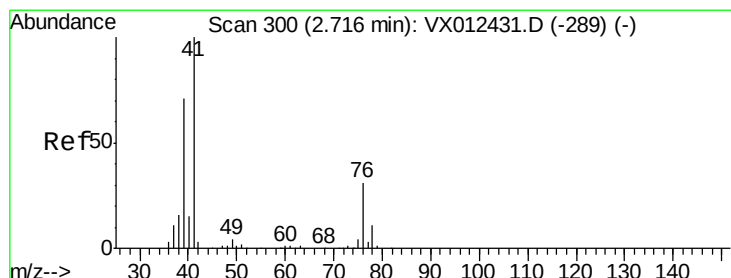
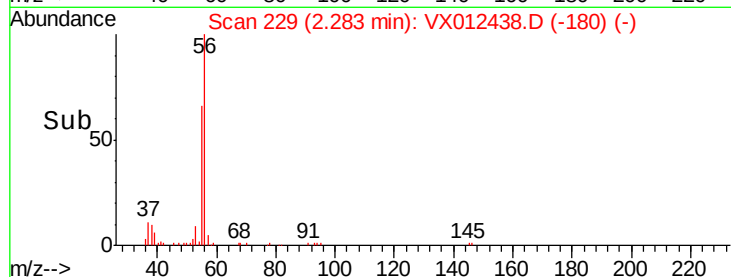
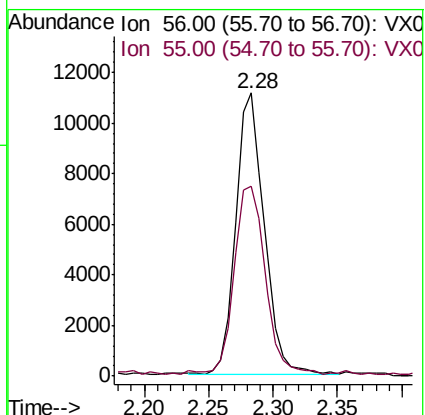
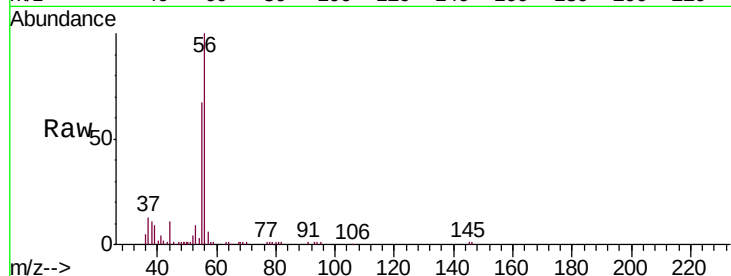
VX0917WBS01

Tgt Ion: 56 Resp: 17003

Ion Ratio Lower Upper

56 100

55 74.1 55.8 83.8



#14

Allyl chloride

Concen: 19.651 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

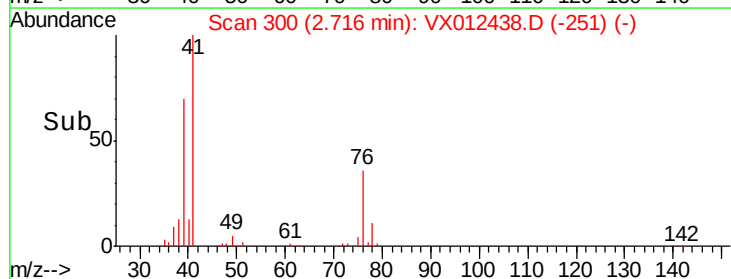
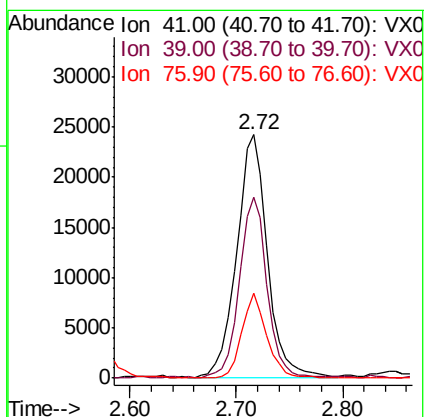
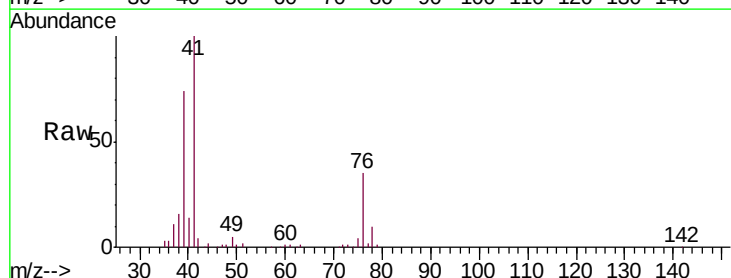
Tgt Ion: 41 Resp: 48800

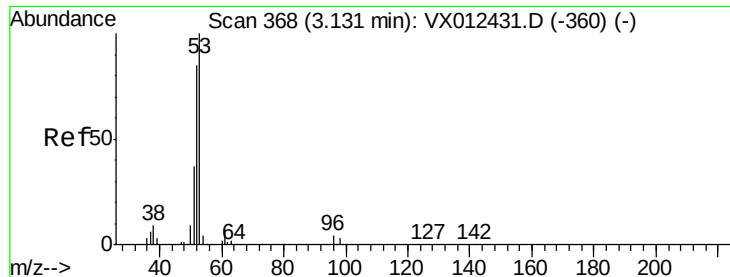
Ion Ratio Lower Upper

41 100

39 67.6 51.3 76.9

76 28.5 22.6 33.8





#15

Acrylonitrile

Concen: 95.409 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

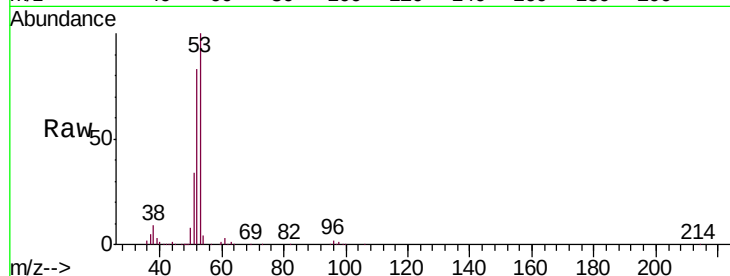
Tgt Ion: 53 Resp: 100530

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

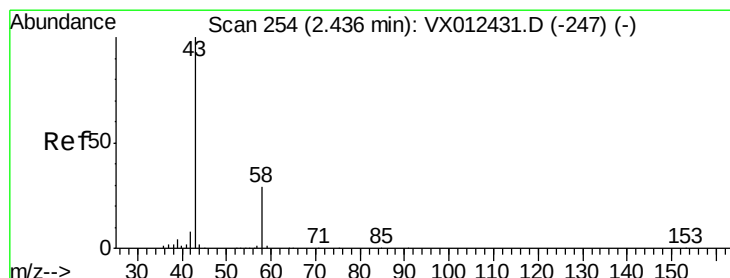
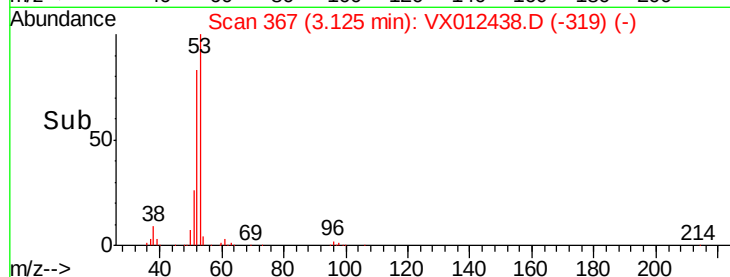
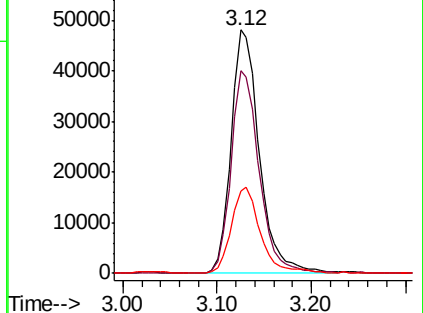
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.724 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012438.D

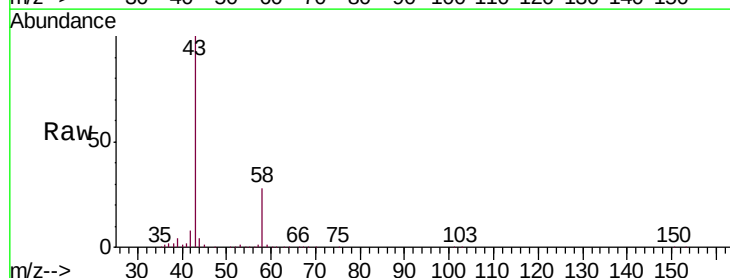
Acq: 17 Sep 2019 17:55

Tgt Ion: 43 Resp: 98902

Ion Ratio Lower Upper

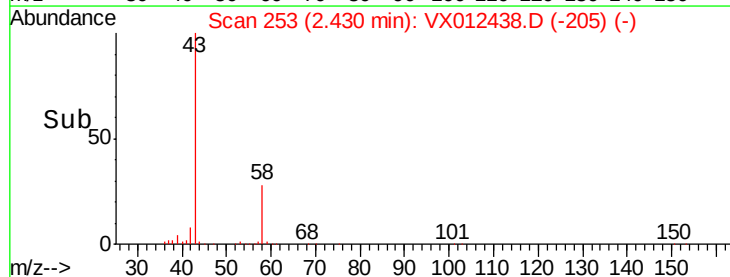
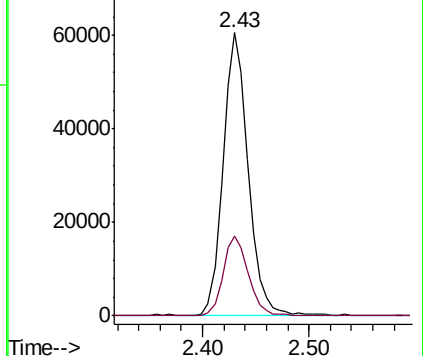
43 100

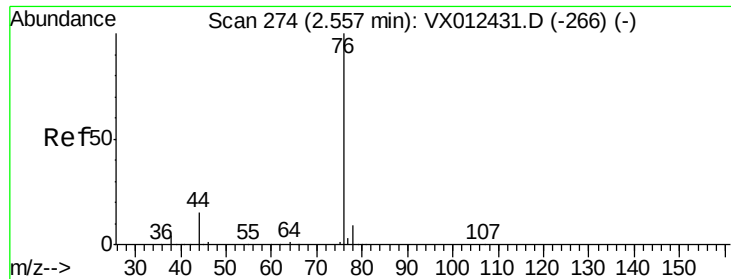
58 28.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.039 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

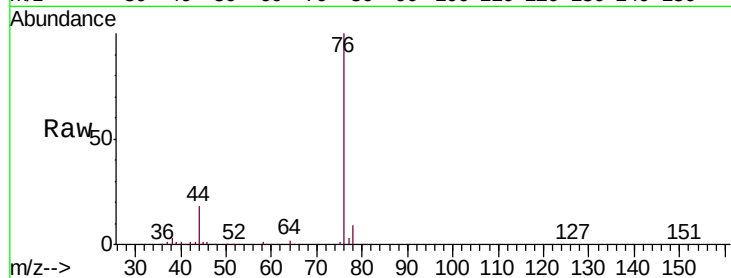
VX0917WBS01

Tgt Ion: 76 Resp: 28535

Ion Ratio Lower Upper

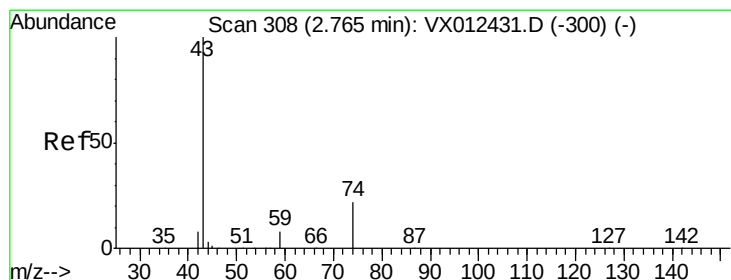
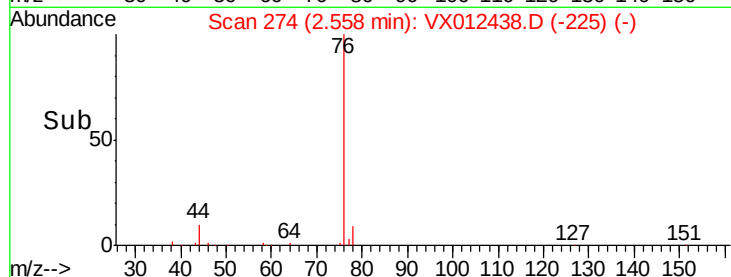
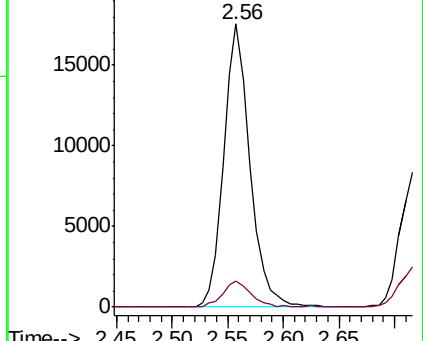
76 100

78 9.2 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: 19.384 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012438.D

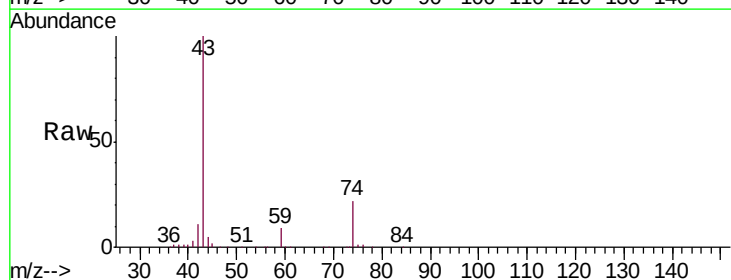
Acq: 17 Sep 2019 17:55

Tgt Ion: 43 Resp: 49114

Ion Ratio Lower Upper

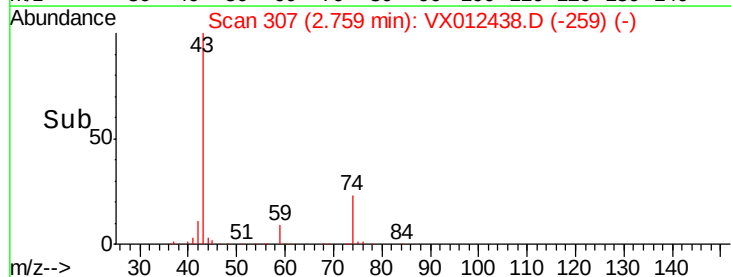
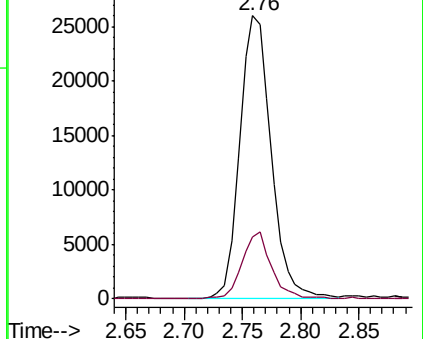
43 100

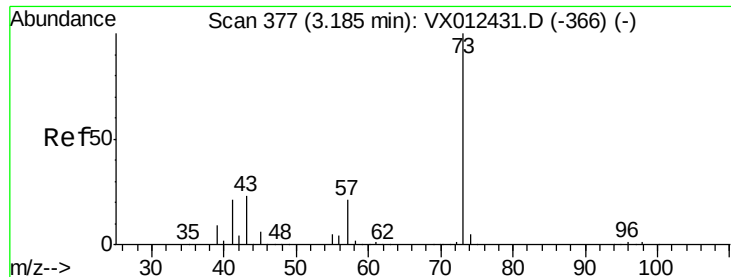
74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



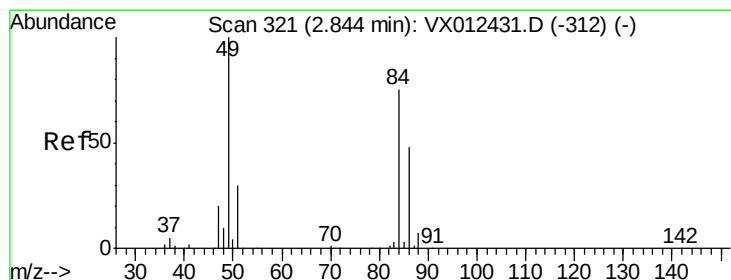
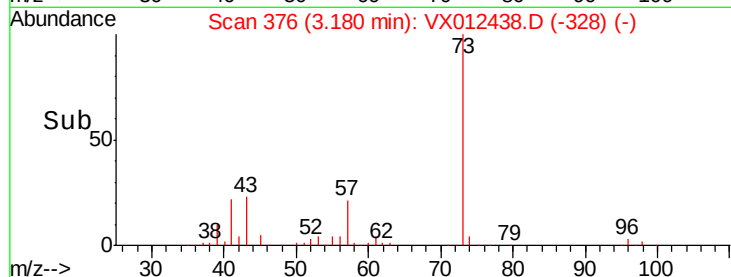
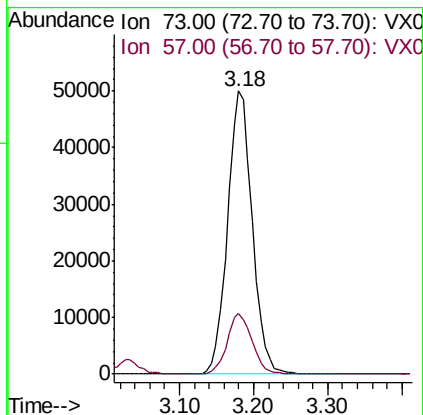
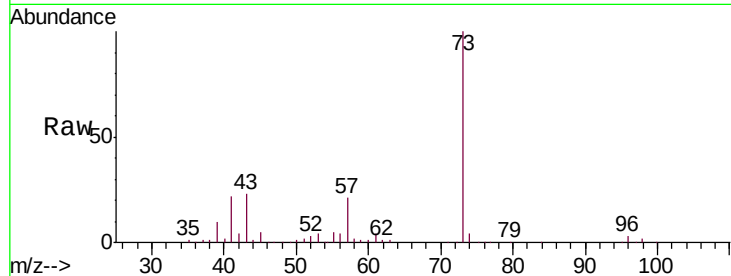


#19

Methyl tert-butyl Ether
 Concen: 19.904 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

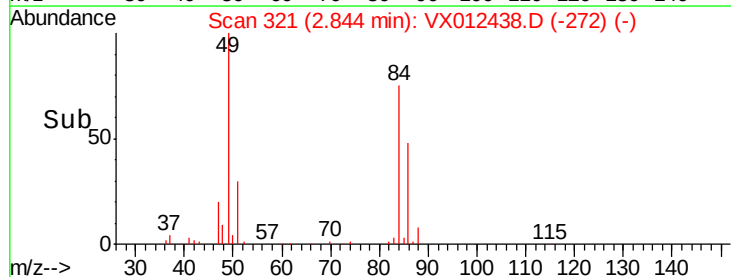
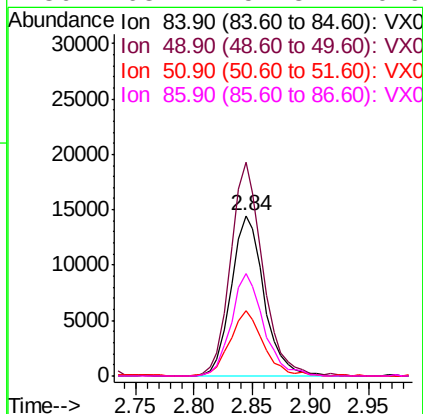
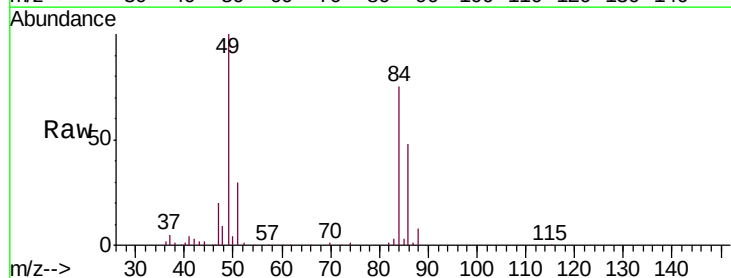
Tgt Ion: 73 Resp: 115756
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

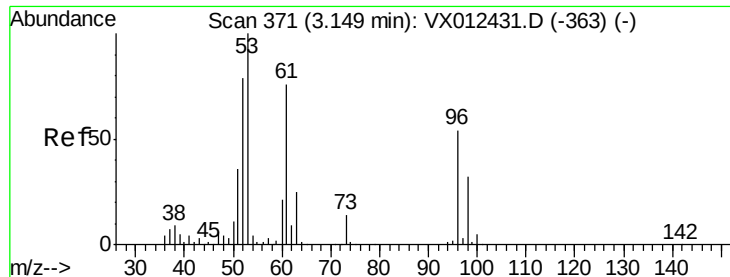


#20

Methylene Chloride
 Concen: 19.308 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 84 Resp: 28413
 Ion Ratio Lower Upper
 84 100
 49 133.1 106.8 160.2
 51 40.5 32.3 48.5
 86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.496 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

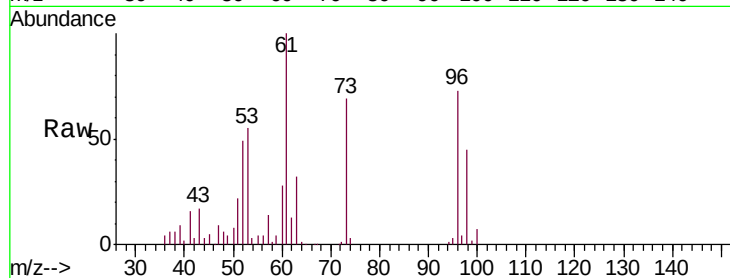
Tgt Ion: 96 Resp: 22702

Ion Ratio Lower Upper

96 100

61 136.4 112.0 168.0

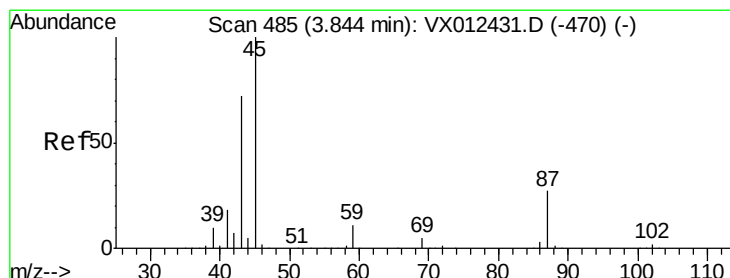
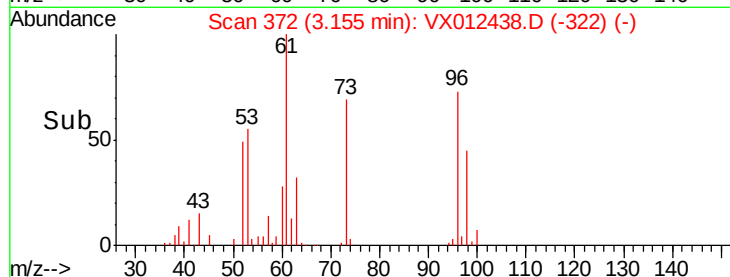
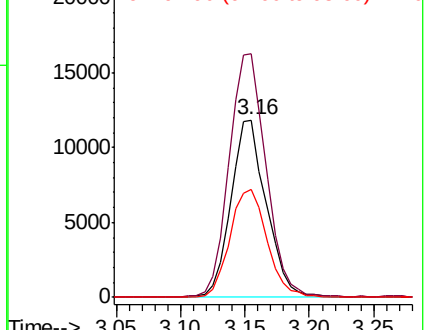
98 61.1 47.8 71.8



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: 19.934 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Tgt Ion: 45 Resp: 115906

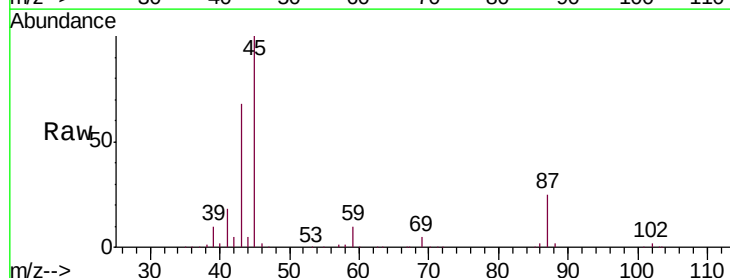
Ion Ratio Lower Upper

45 100

43 68.3 57.8 86.8

87 25.5 21.3 31.9

59 9.9 8.5 12.7

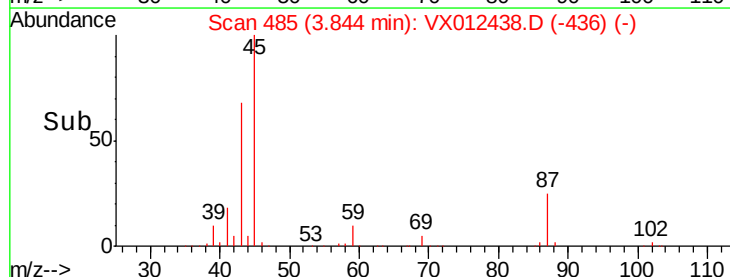
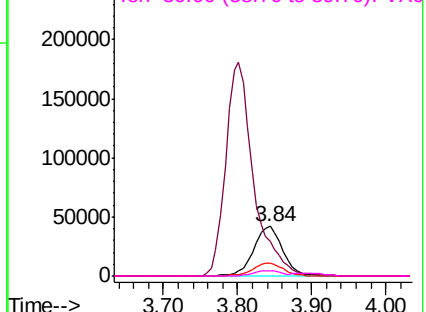


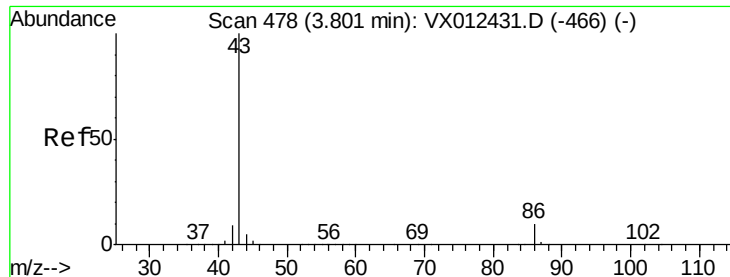
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 99.232 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

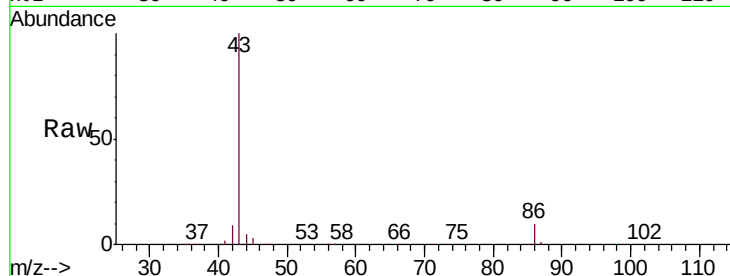
VX0917WBS01

Tgt Ion: 43 Resp: 474629

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

200000

150000

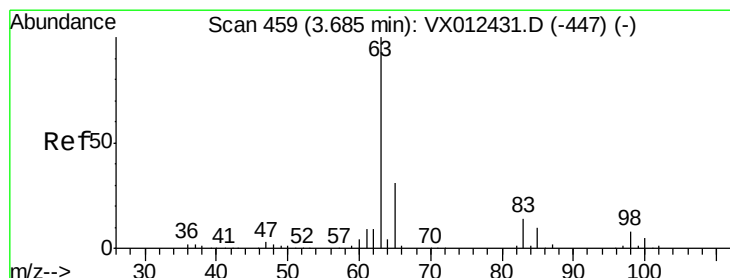
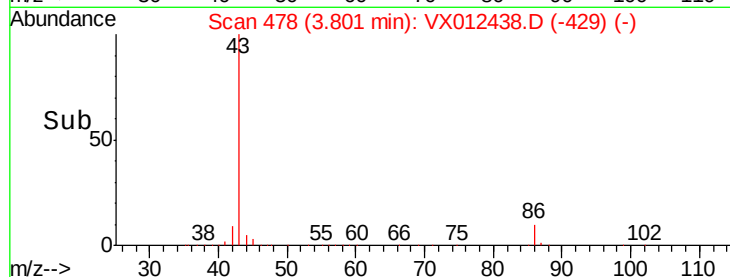
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.200 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

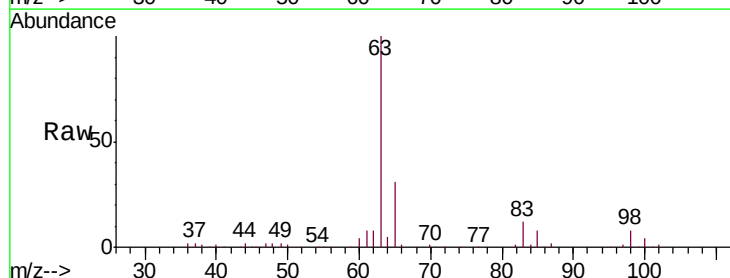
Tgt Ion: 63 Resp: 56198

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.4 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

3.69

30000

25000

20000

15000

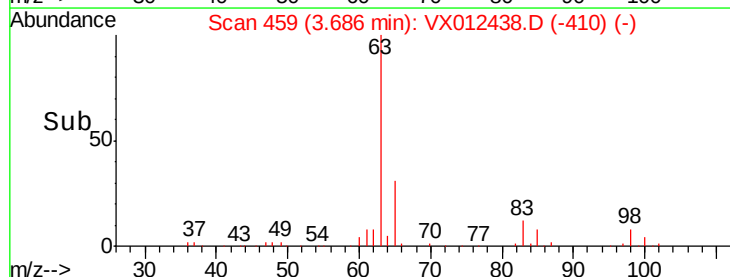
10000

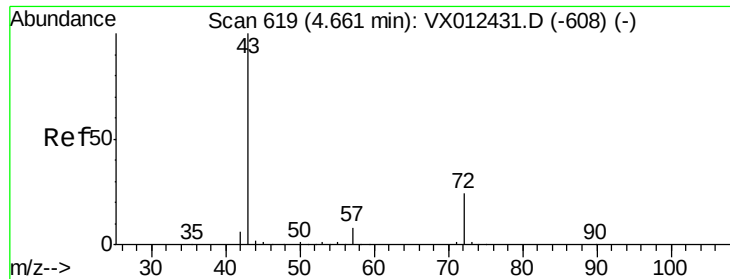
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 88.396 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampled :

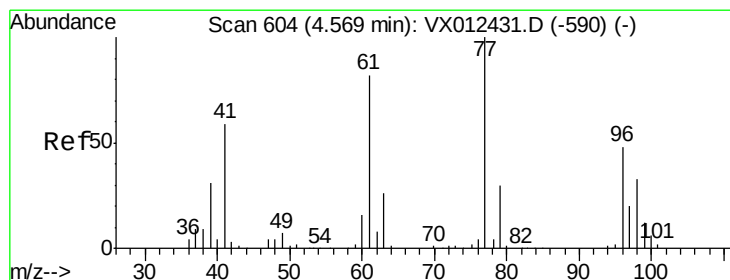
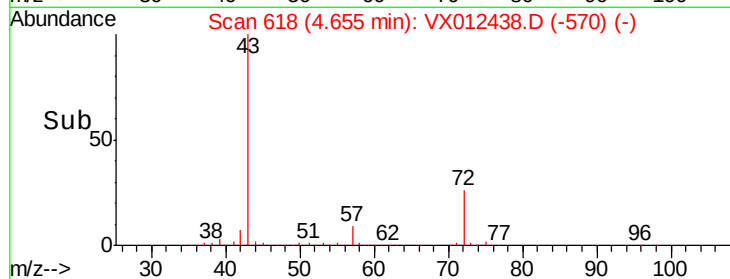
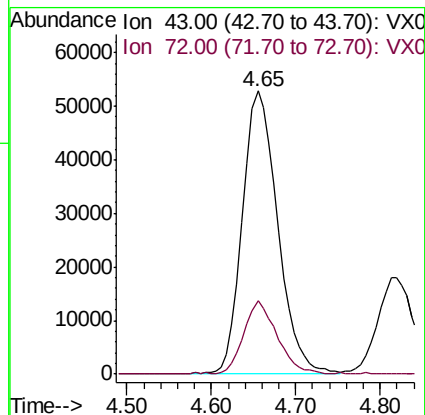
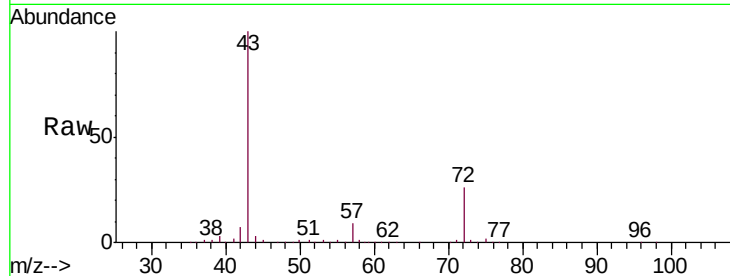
VX0917WBS01

Tgt Ion: 43 Resp: 149094

Ion Ratio Lower Upper

43 100

72 25.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 18.489 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012438.D

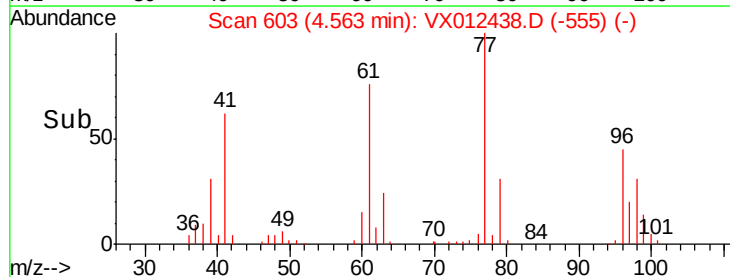
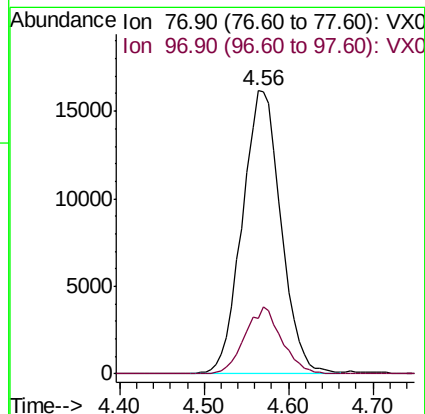
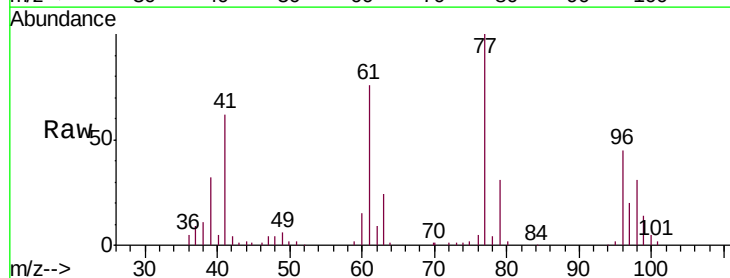
Acq: 17 Sep 2019 17:55

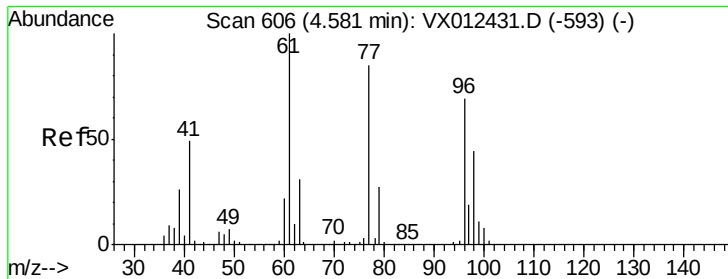
Tgt Ion: 77 Resp: 50587

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



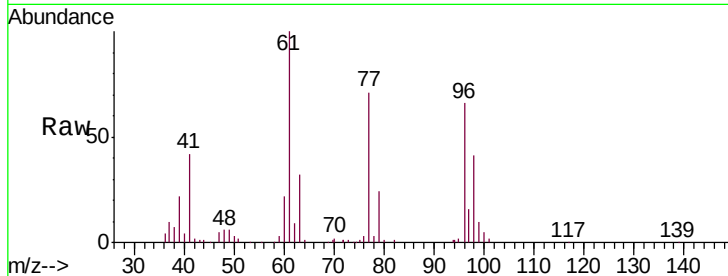


#27

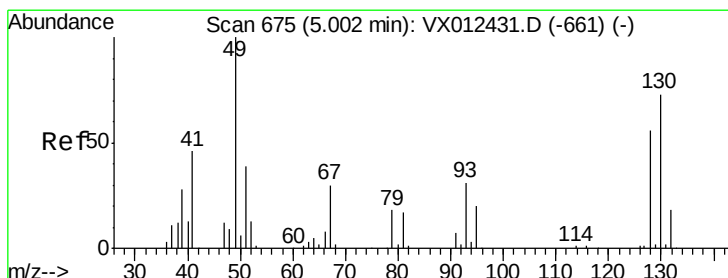
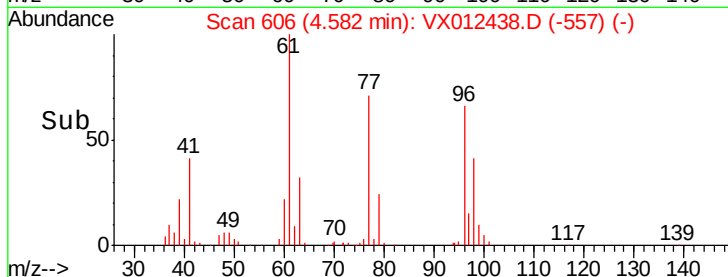
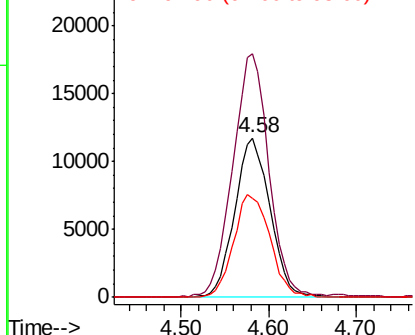
cis-1,2-Dichloroethene
 Concen: 19.943 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tgt Ion: 96 Resp: 32998
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 319.4
 98 66.2 0.0 130.6



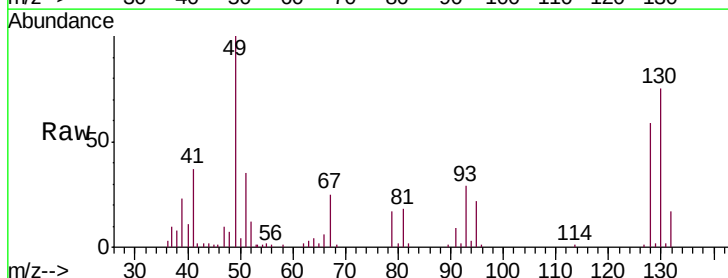
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



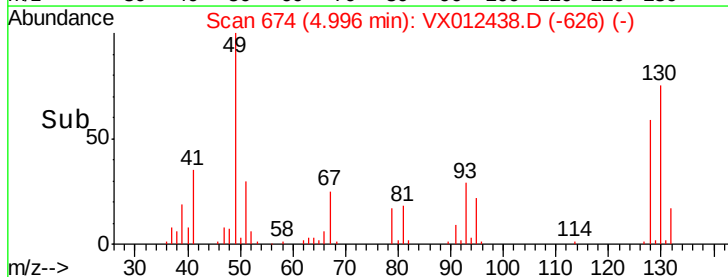
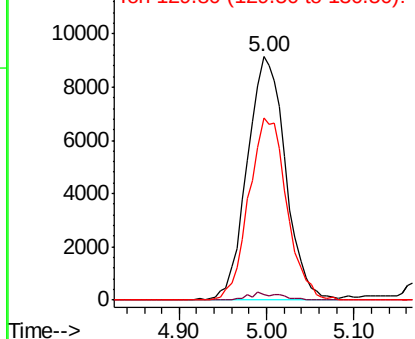
#28

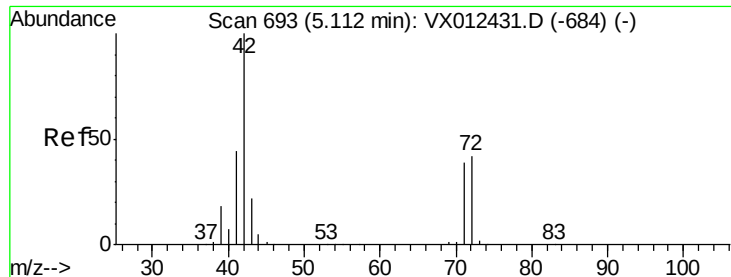
Bromochloromethane
 Concen: 19.435 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 49 Resp: 27874
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 74.1 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

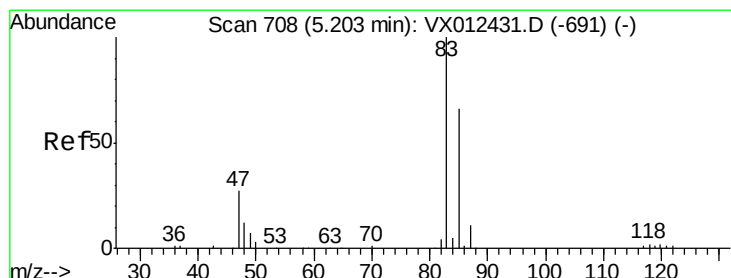
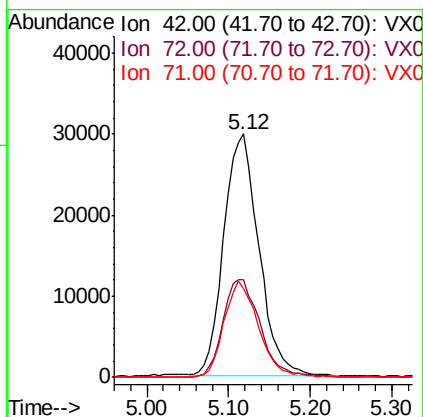
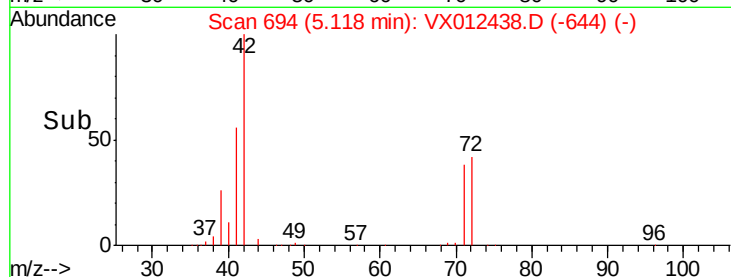
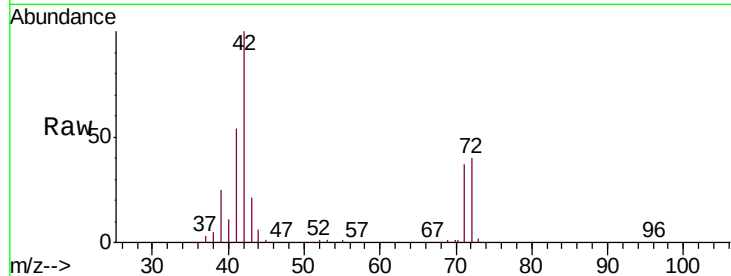




#29
Tetrahydrofuran
Concen: 95.583 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

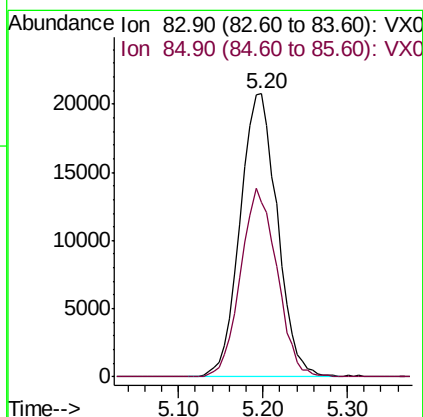
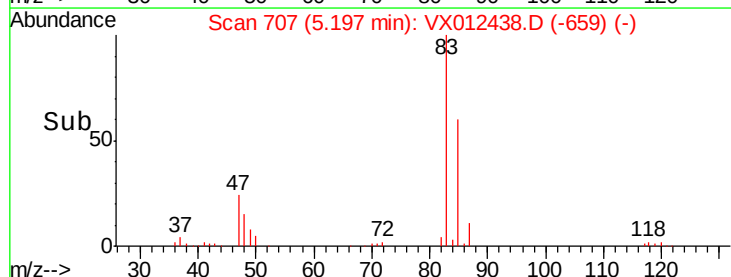
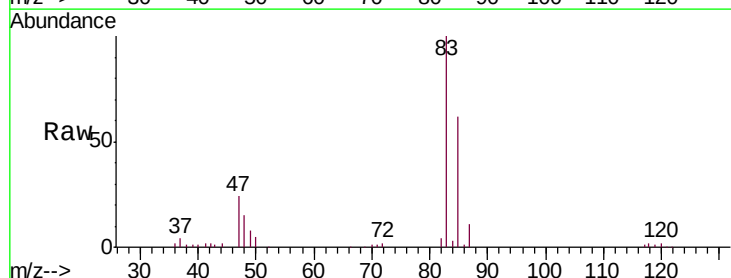
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

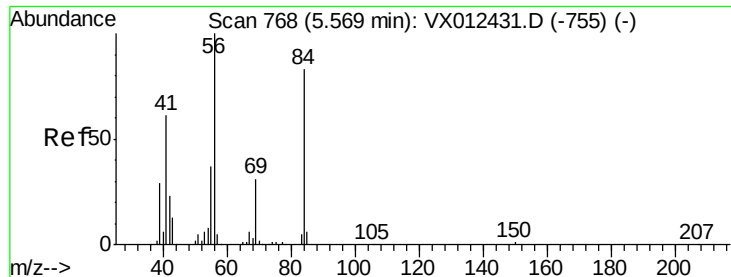
Tgt Ion: 42 Resp: 89062
Ion Ratio Lower Upper
42 100
72 43.0 34.0 51.0
71 39.4 31.5 47.3



#30
Chloroform
Concen: 19.420 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion: 83 Resp: 62049
Ion Ratio Lower Upper
83 100
85 61.6 53.0 79.4

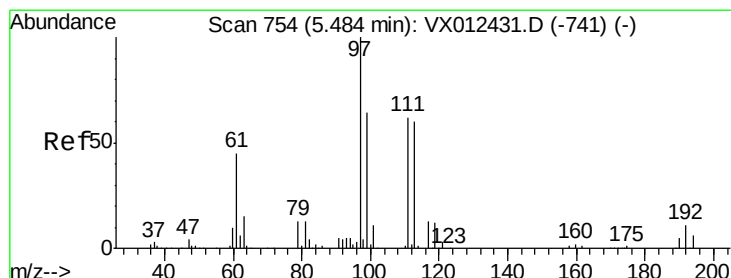
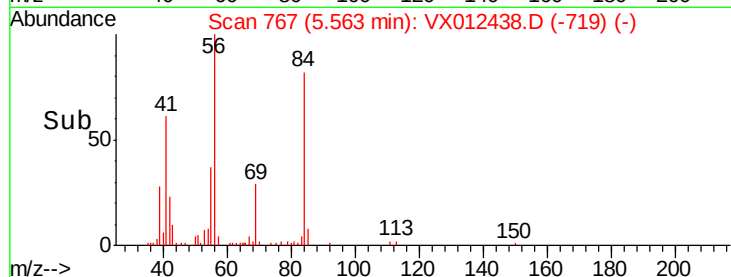
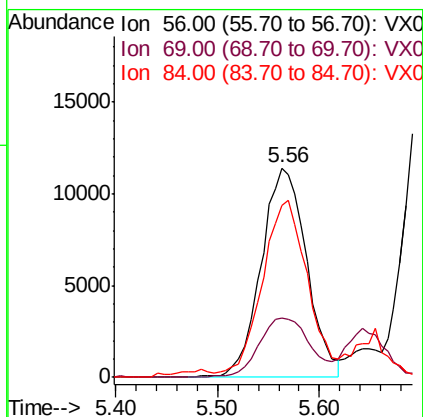
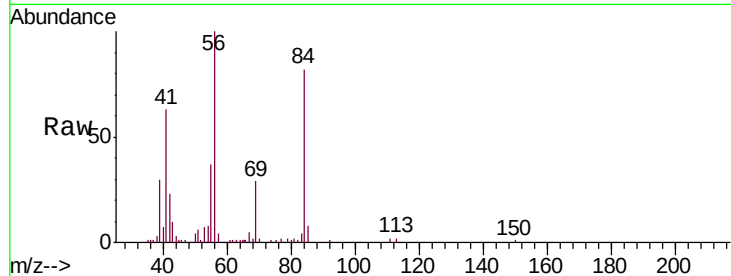




#31
Cyclohexane
Concen: 20.994 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

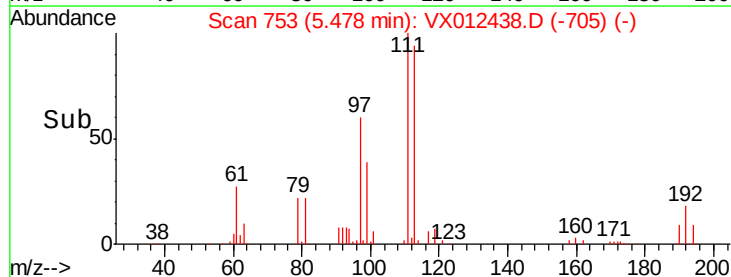
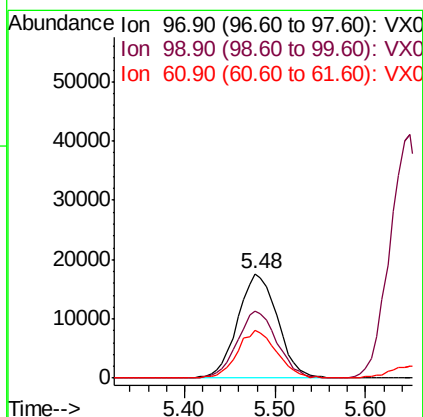
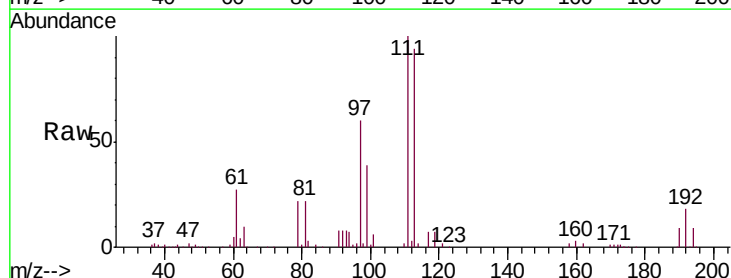
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

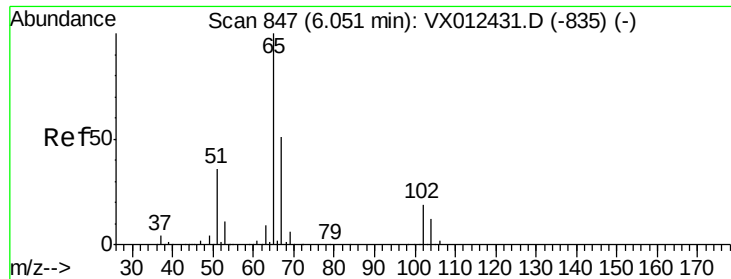
Tgt Ion: 56 Resp: 35257
Ion Ratio Lower Upper
56 100
69 28.5 25.0 37.6
84 78.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.015 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion: 97 Resp: 53449
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 45.3 36.1 54.1

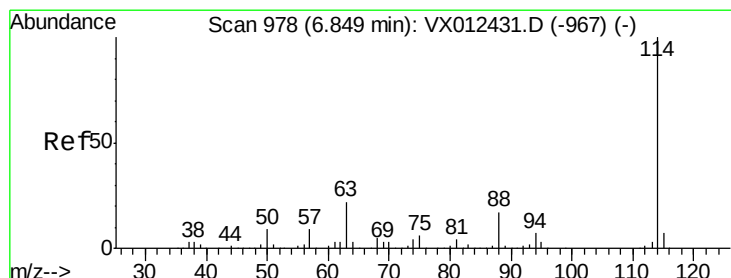
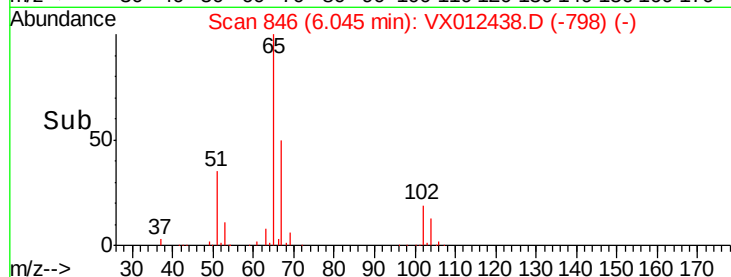
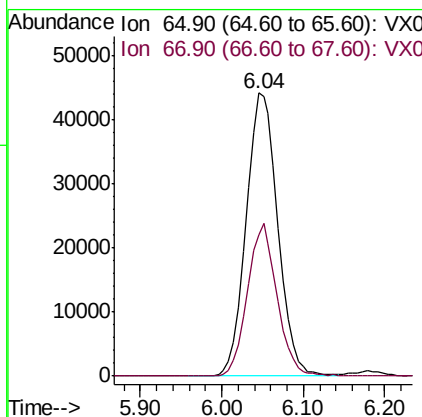
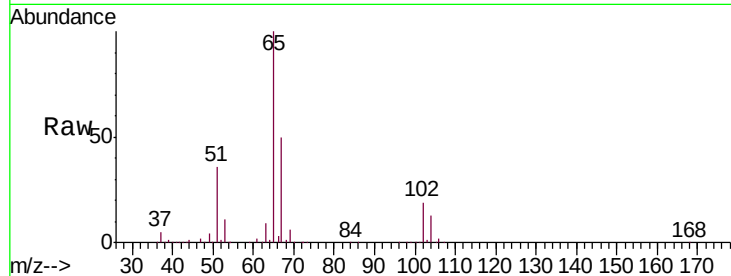




#33
 1,2-Dichloroethane-d4
 Concen: 49.017 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

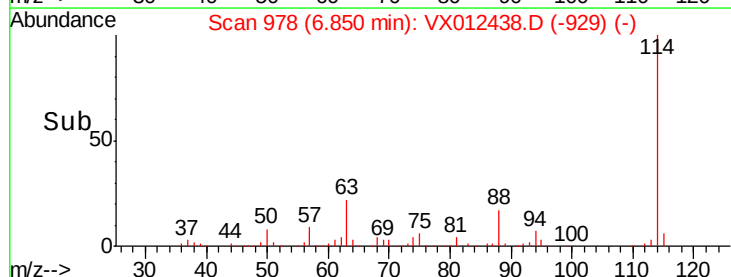
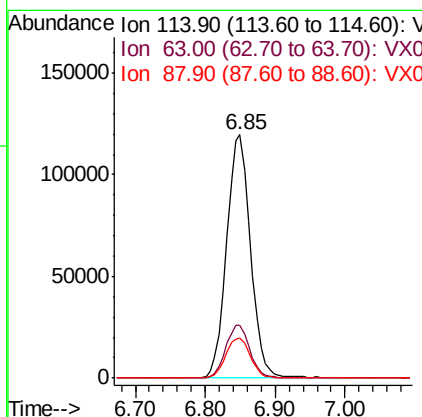
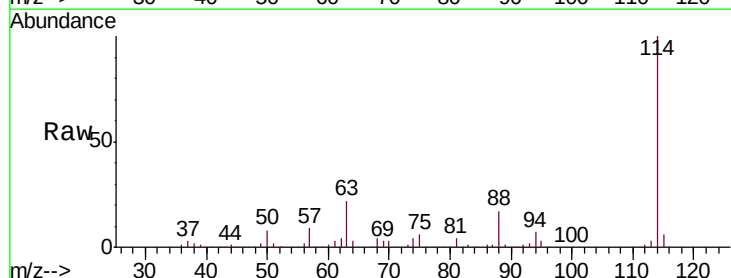
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

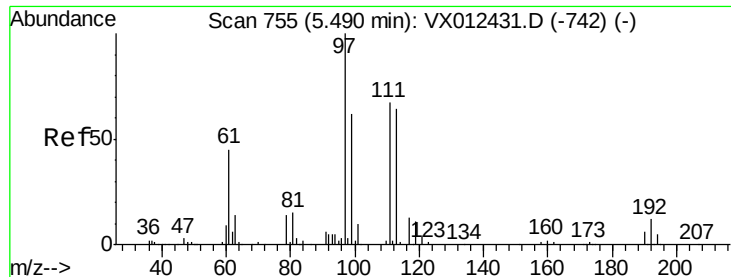
Tgt Ion: 65 Resp: 119186
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 114 Resp: 284362
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.242 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

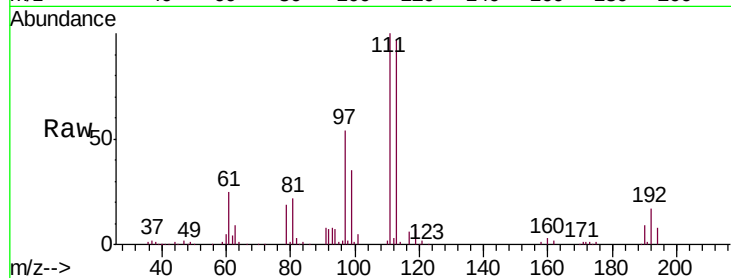
Tgt Ion:113 Resp: 84751

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

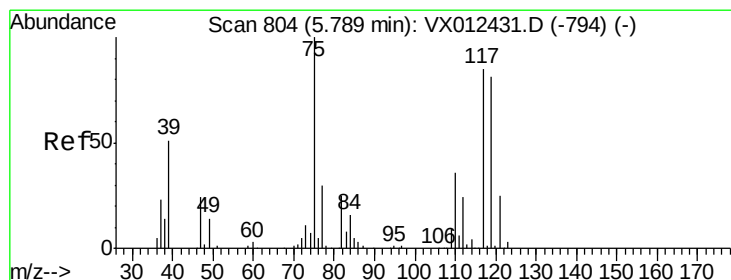
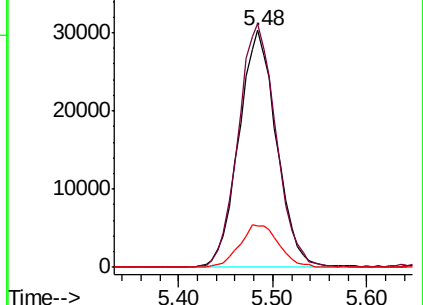
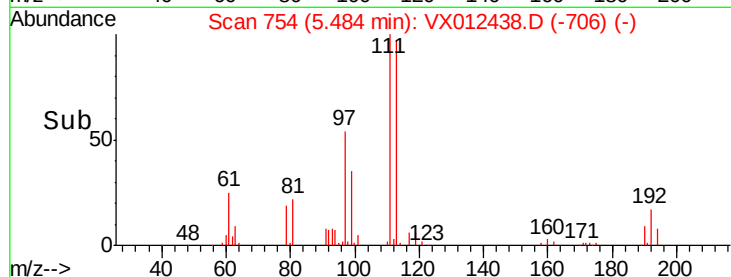
192 18.7 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.908 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

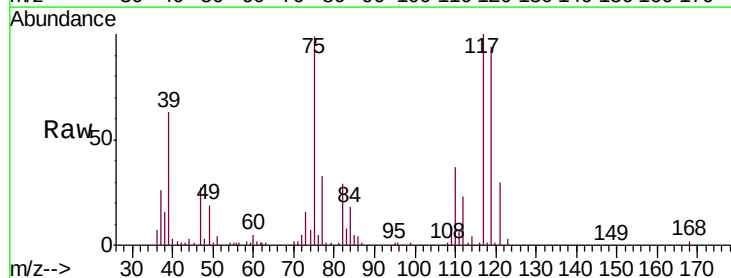
Tgt Ion: 75 Resp: 34406

Ion Ratio Lower Upper

75 100

110 34.4 16.7 50.0

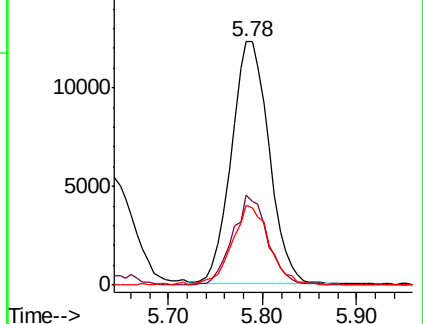
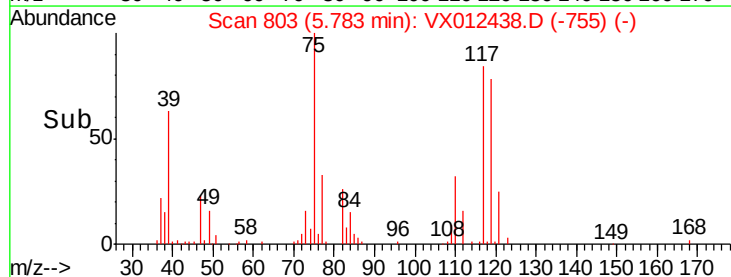
77 32.4 24.2 36.2

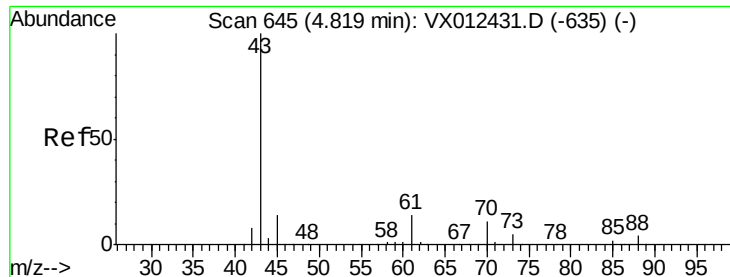


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

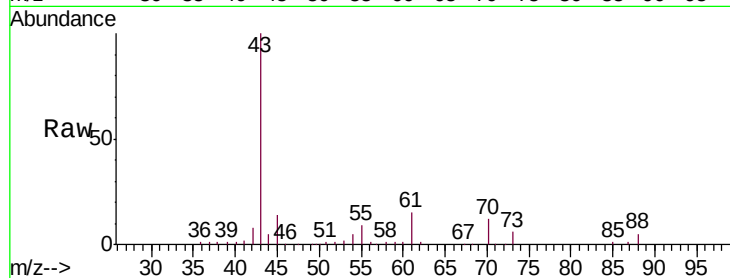




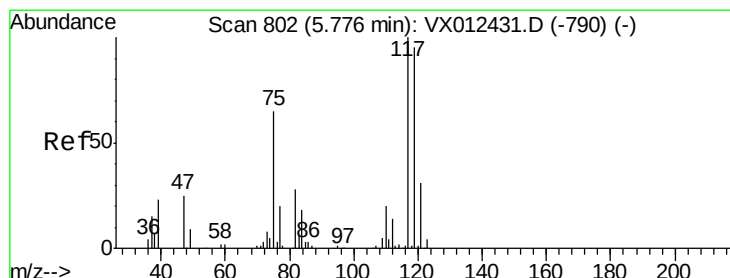
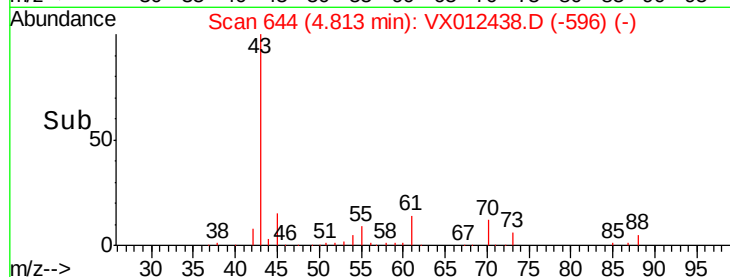
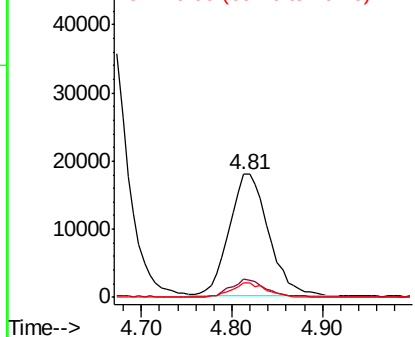
#37
 Ethyl Acetate
 Concen: 20.329 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tgt Ion: 43 Resp: 53929
 Ion Ratio Lower Upper
 43 100
 61 14.0 10.2 15.4
 70 10.9 8.7 13.1

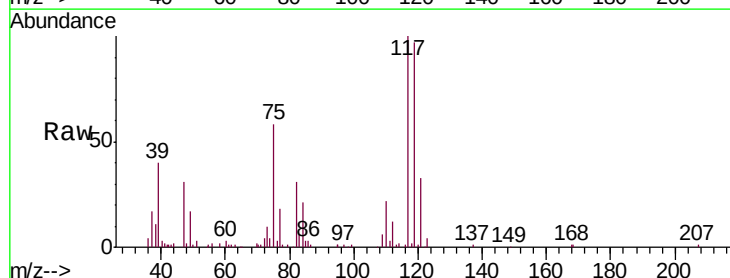


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

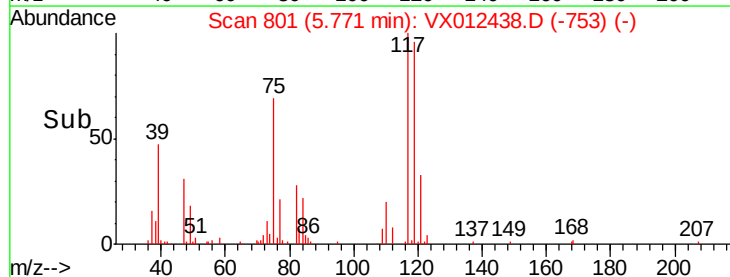
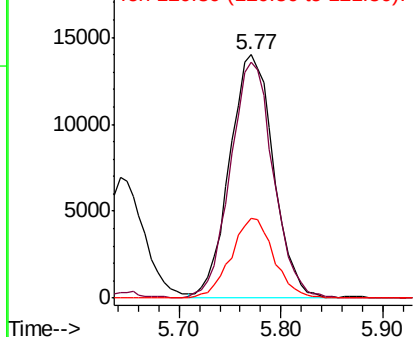


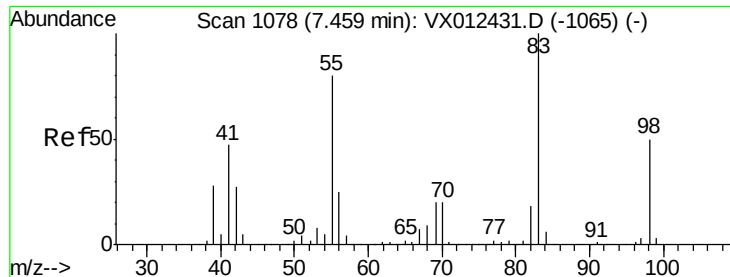
#38
 Carbon Tetrachloride
 Concen: 19.474 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 117 Resp: 41859
 Ion Ratio Lower Upper
 117 100
 119 96.9 75.7 113.5
 121 32.6 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

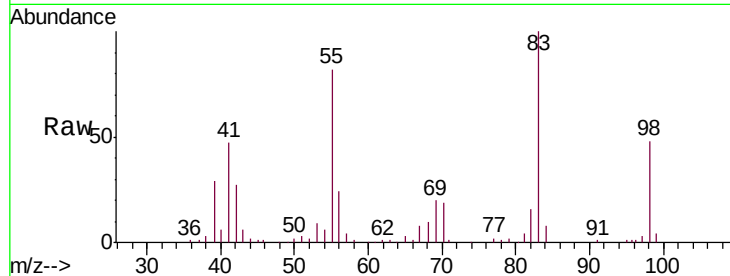




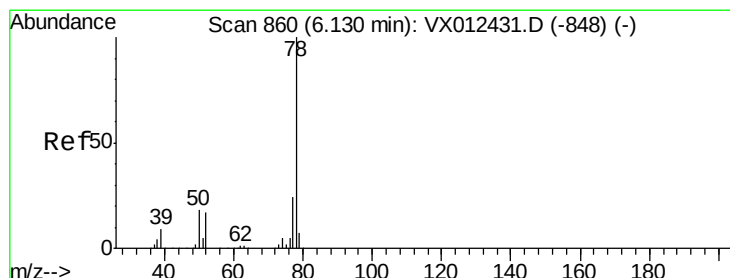
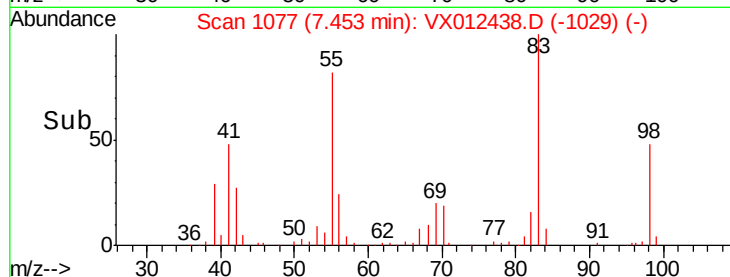
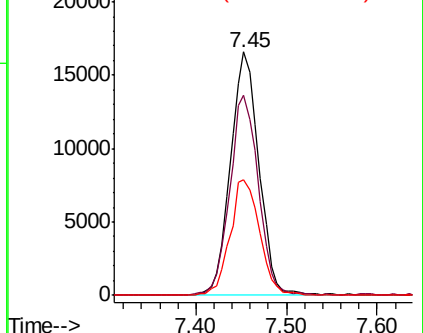
#39
Methylcyclohexane
Concen: 21.463 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tgt Ion: 83 Resp: 36059
Ion Ratio Lower Upper
83 100
55 82.2 64.4 96.6
98 47.7 40.1 60.1

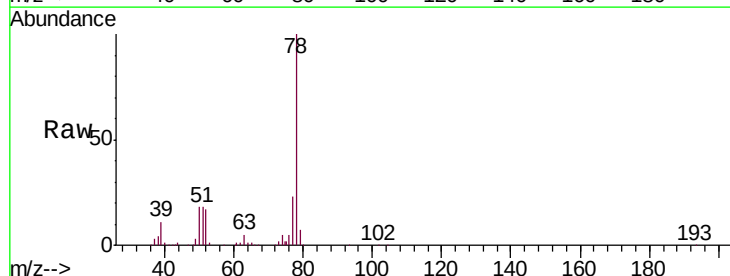


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

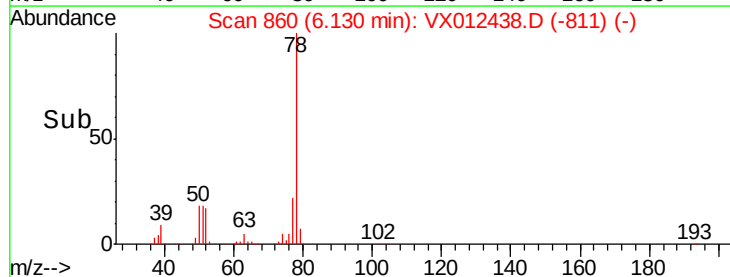
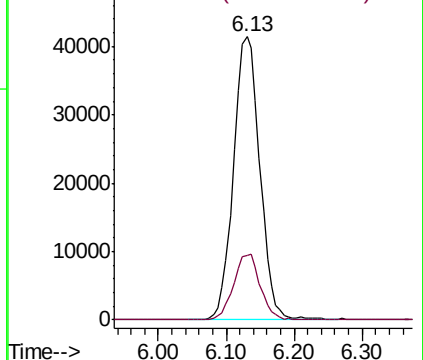


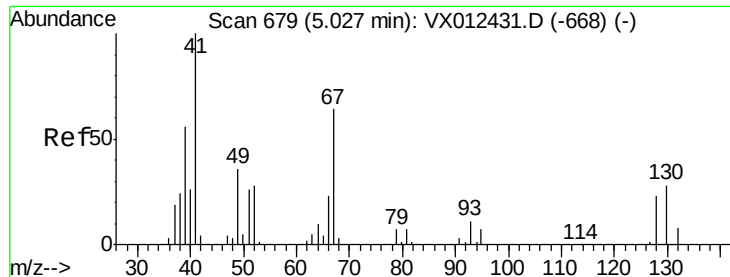
#40
Benzene
Concen: 20.266 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion: 78 Resp: 111376
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8



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

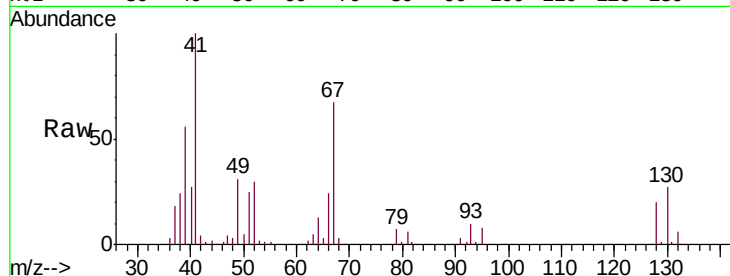




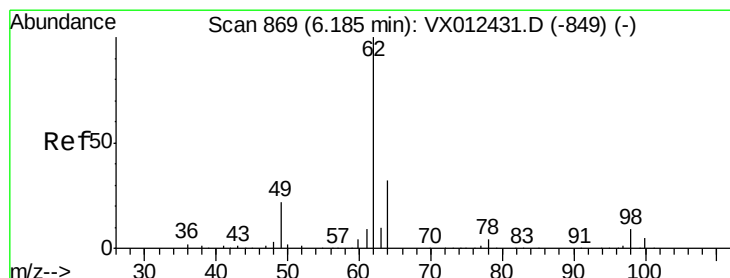
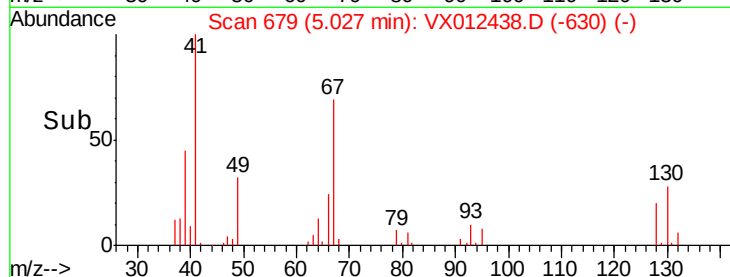
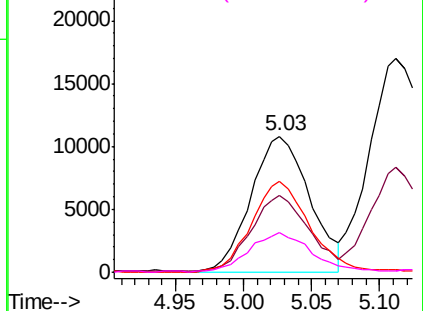
#41
Methacrylonitrile
Concen: 19.175 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tgt Ion:	41	Resp:	32754
Ion	Ratio	Lower	Upper
41	100		
39	53.9	46.0	69.0
67	66.0	52.2	78.2
52	30.9	22.7	34.1

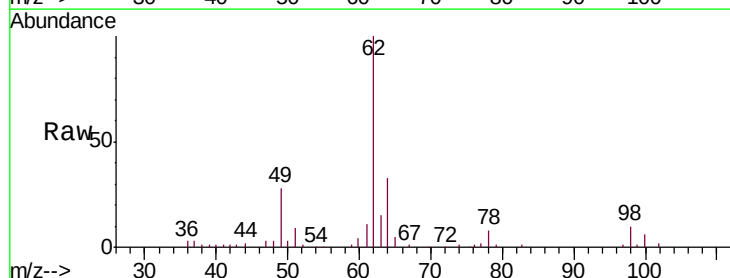


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

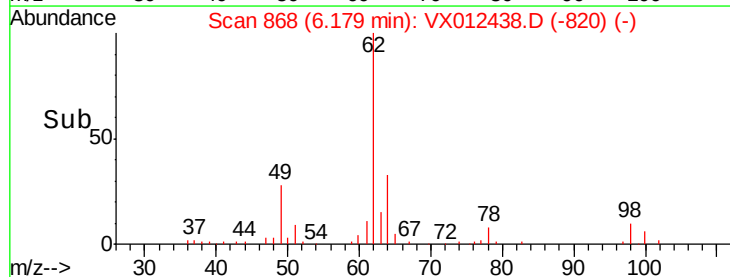
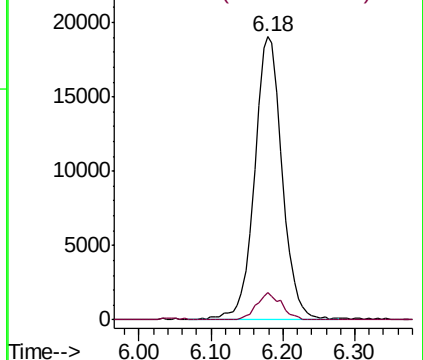


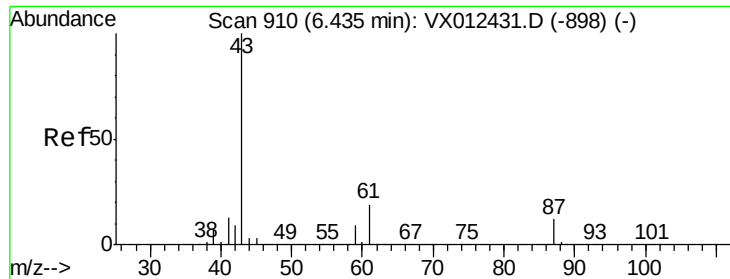
#42
1,2-Dichloroethane
Concen: 19.927 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion:	62	Resp:	50793
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.208 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

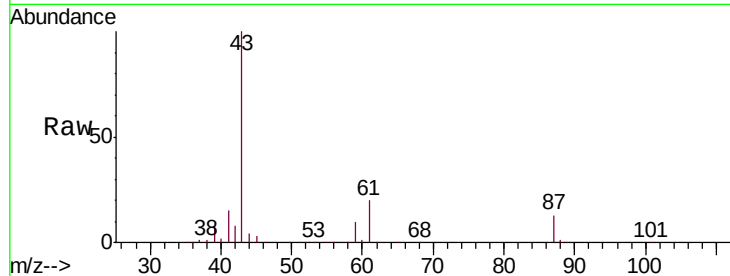
Tgt Ion: 43 Resp: 91455

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

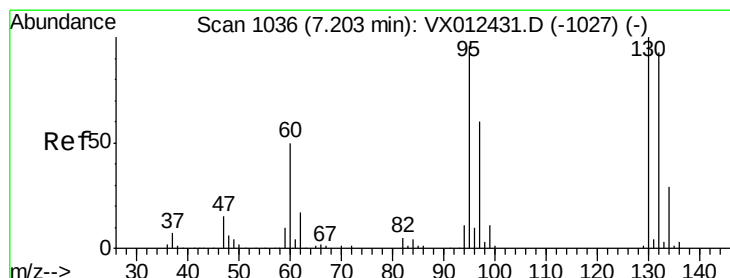
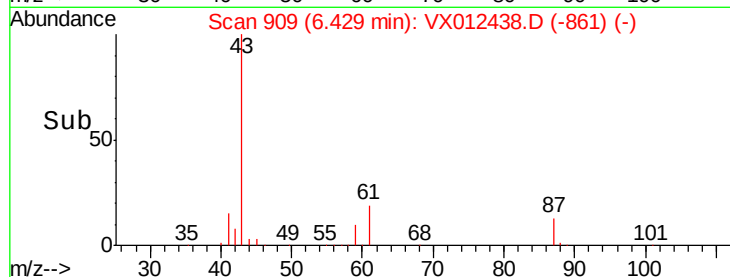
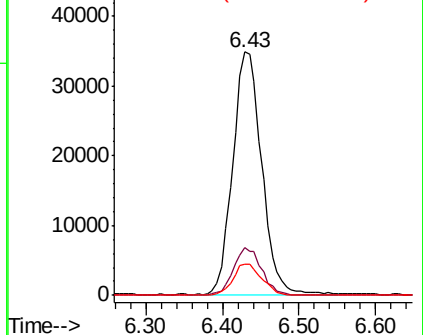
87 12.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.858 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012438.D

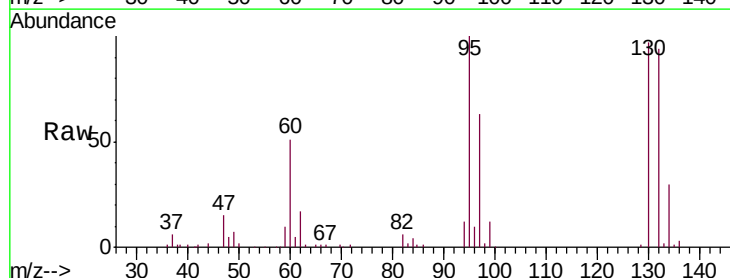
Acq: 17 Sep 2019 17:55

Tgt Ion: 130 Resp: 28708

Ion Ratio Lower Upper

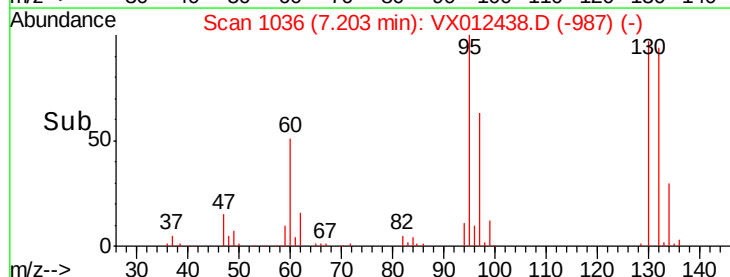
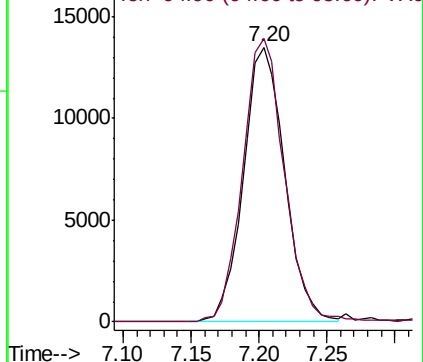
130 100

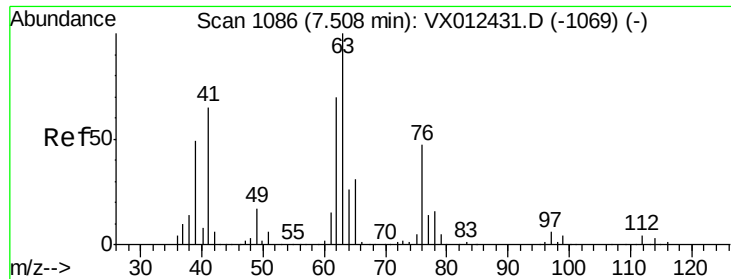
95 103.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

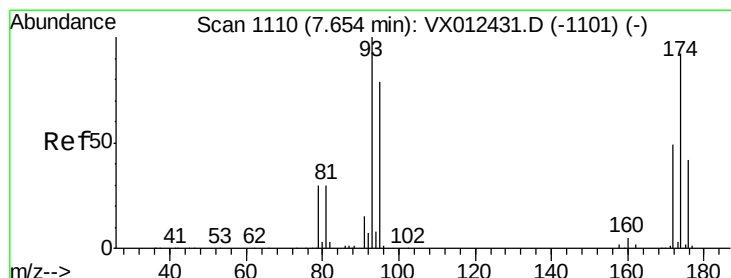
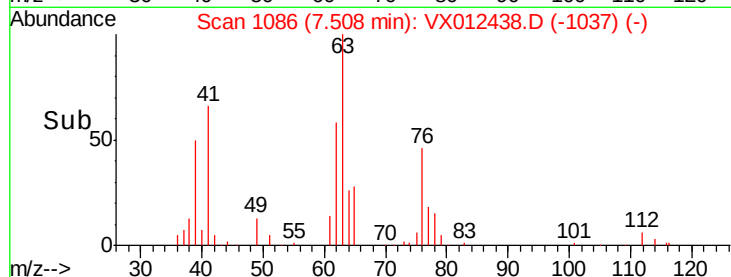
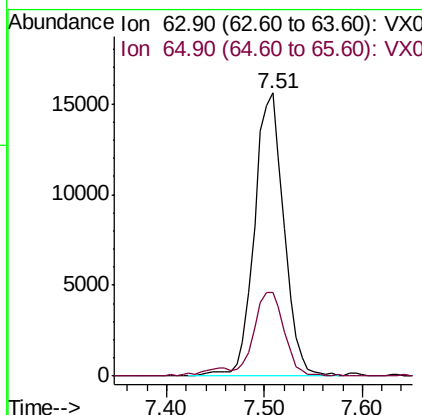
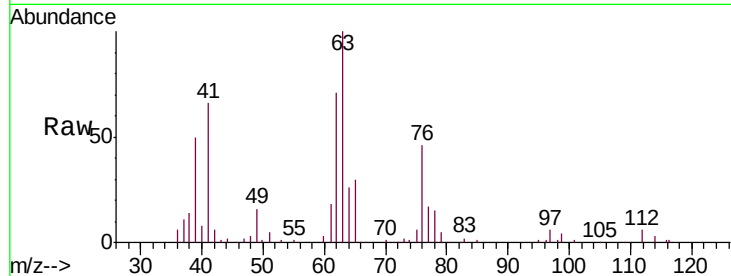




#45
 1,2-Dichloropropane
 Concen: 19.322 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

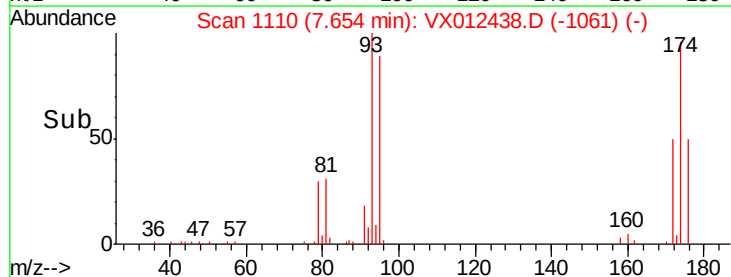
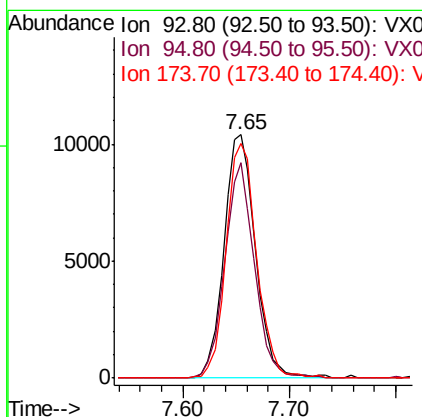
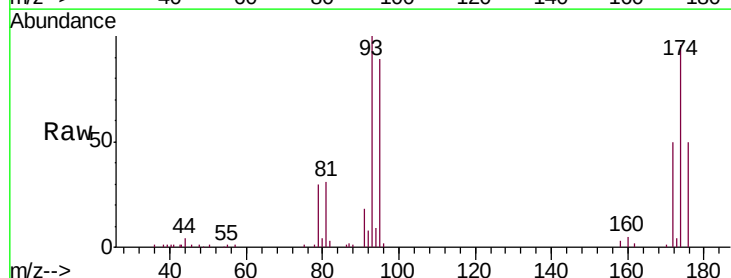
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

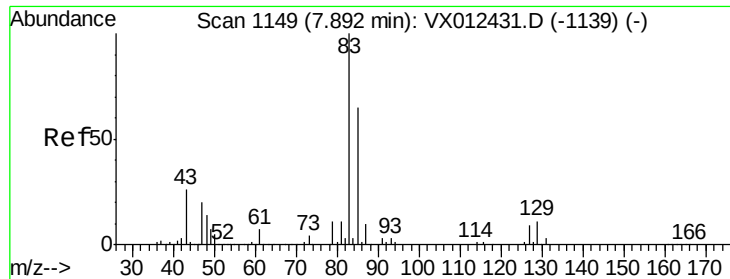
Tgt Ion: 63 Resp: 32623
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.0 37.6



#46
 Dibromomethane
 Concen: 19.668 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 93 Resp: 21489
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 93.9 77.4 116.0





#47

Bromodichloromethane

Concen: 19.816 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

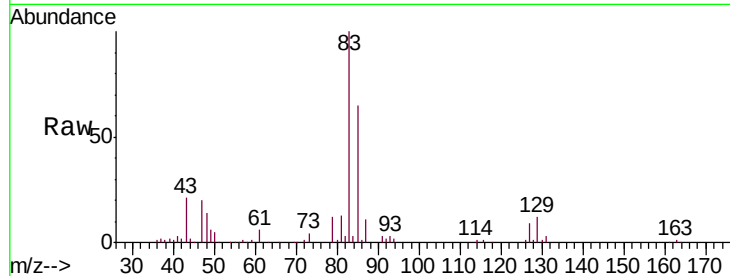
Tgt Ion: 83 Resp: 48209

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

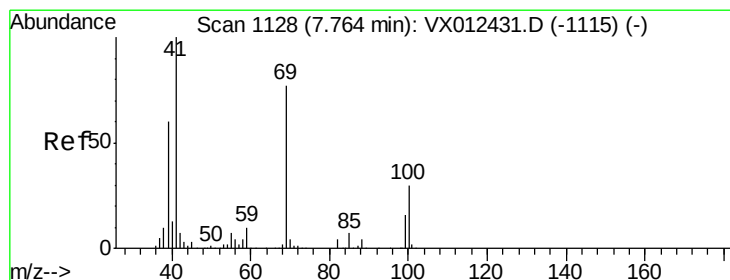
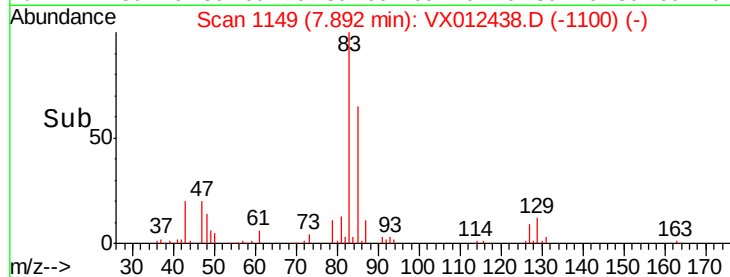
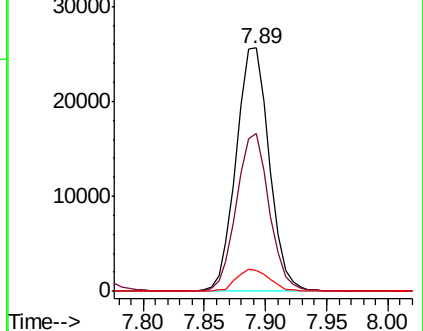
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.948 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

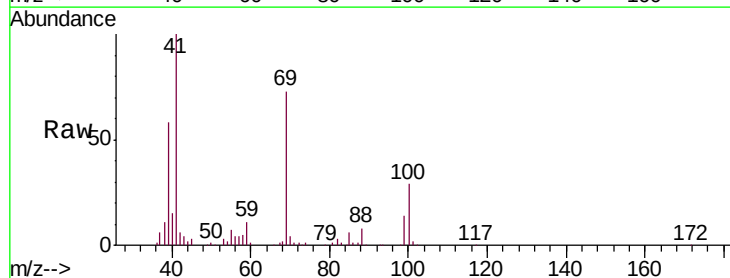
Tgt Ion: 41 Resp: 42527

Ion Ratio Lower Upper

41 100

69 75.8 59.9 89.9

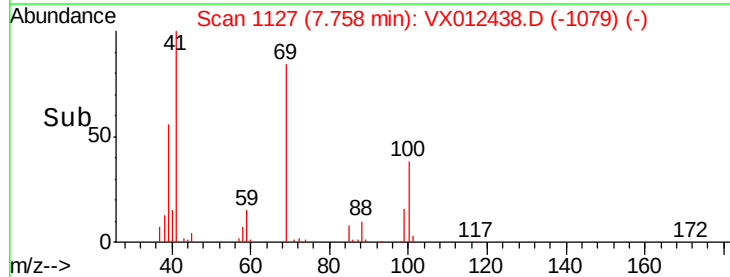
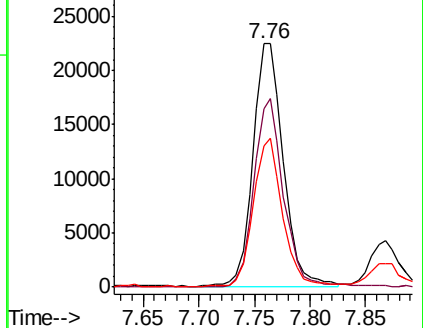
39 60.1 47.8 71.6

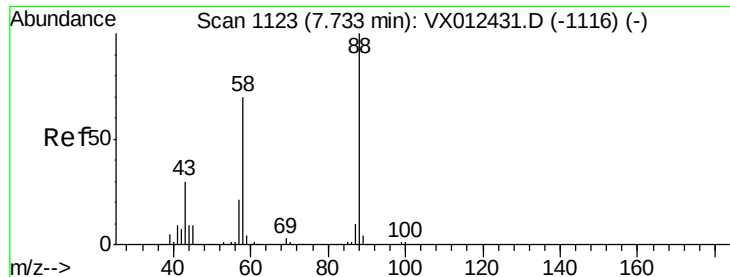


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

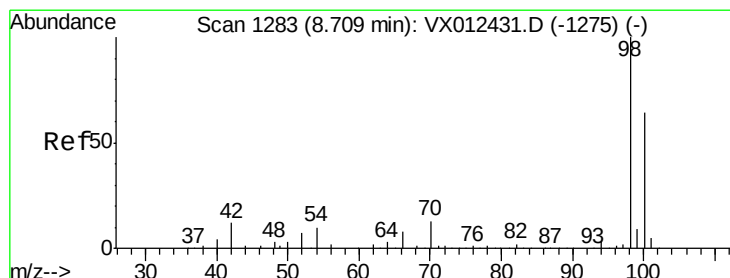
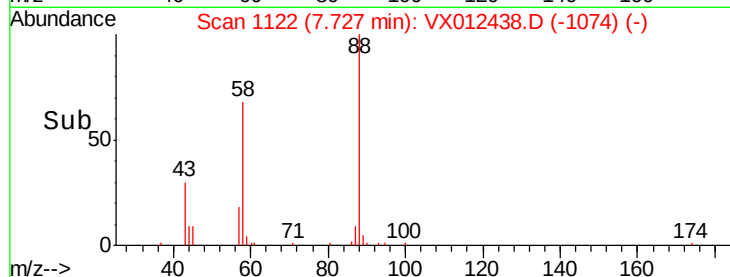
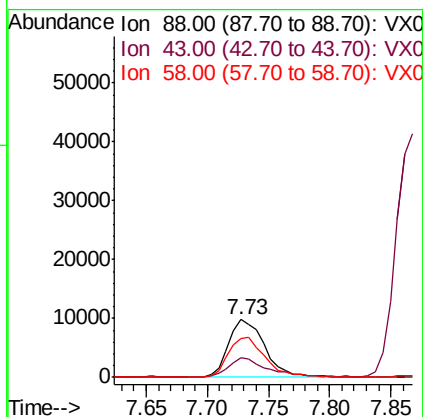
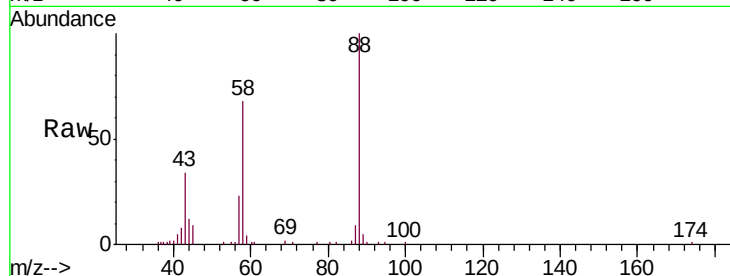




#49
1,4-Dioxane
Concen: 368.216 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

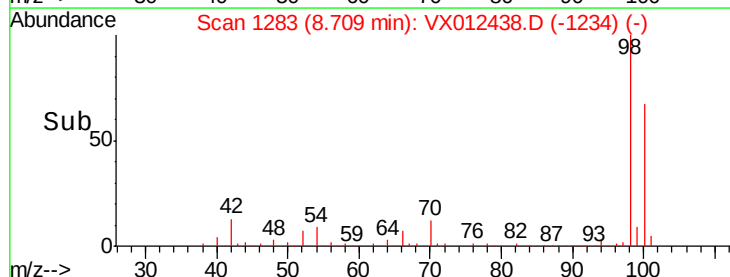
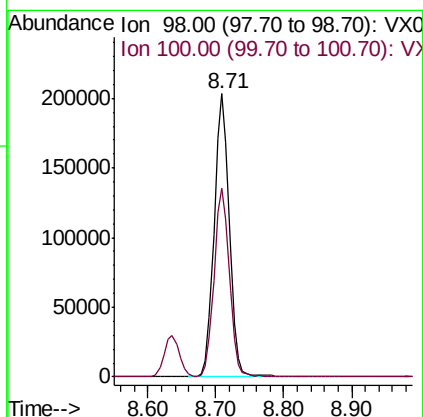
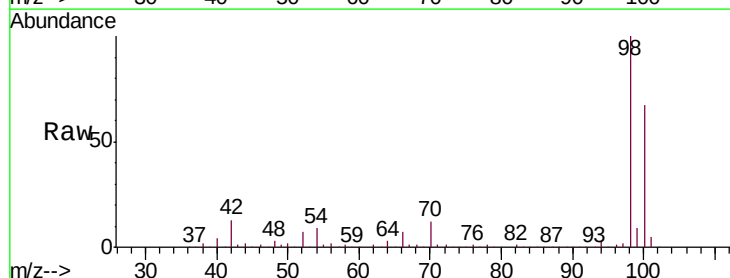
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

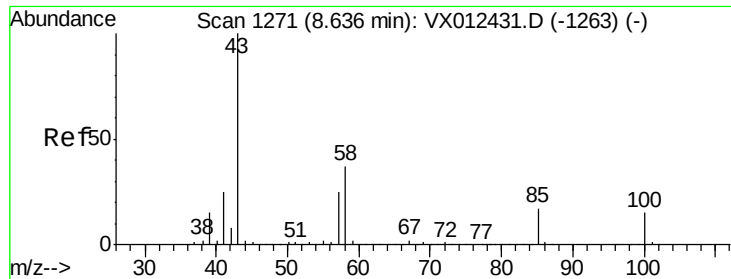
Tgt Ion: 88 Resp: 20114
Ion Ratio Lower Upper
88 100
43 38.9 29.4 44.0
58 72.4 57.5 86.3



#50
Toluene-d8
Concen: 49.638 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion: 98 Resp: 316227
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 94.038 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

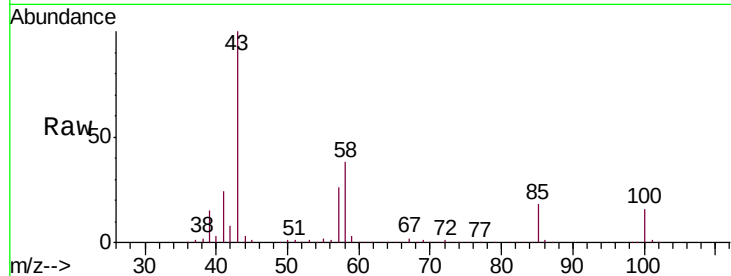
VX0917WBS01

Tgt Ion: 43 Resp: 293628

Ion Ratio Lower Upper

43 100

58 38.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

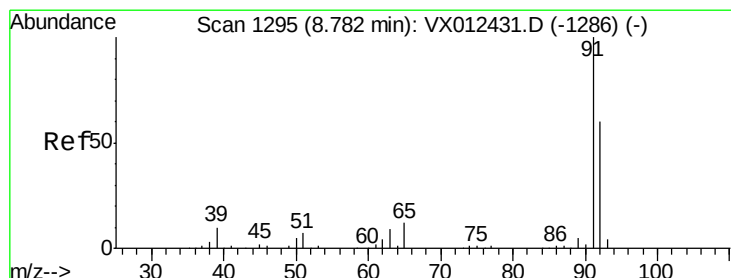
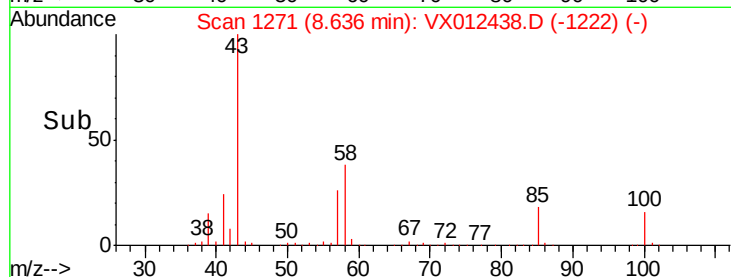
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.272 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012438.D

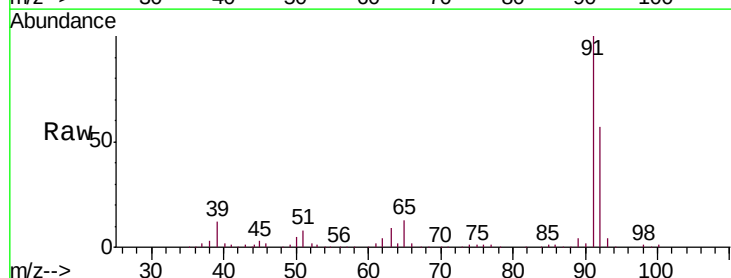
Acq: 17 Sep 2019 17:55

Tgt Ion: 92 Resp: 71789

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

80000

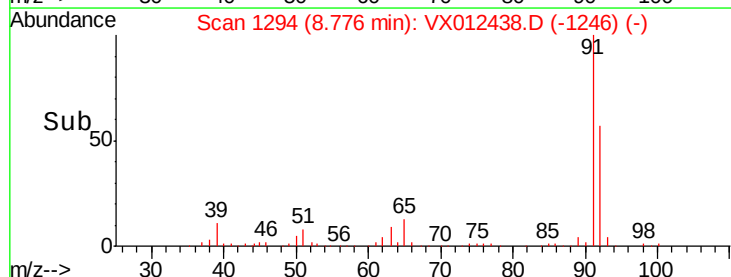
60000

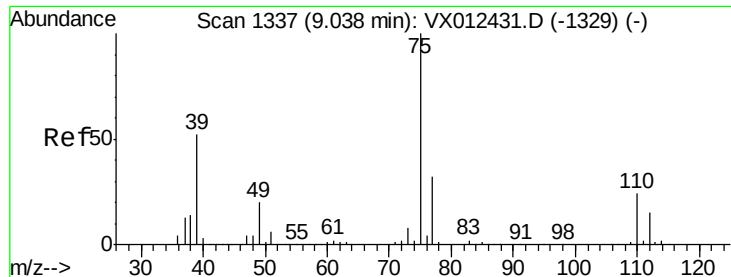
40000

20000

0

Time-->

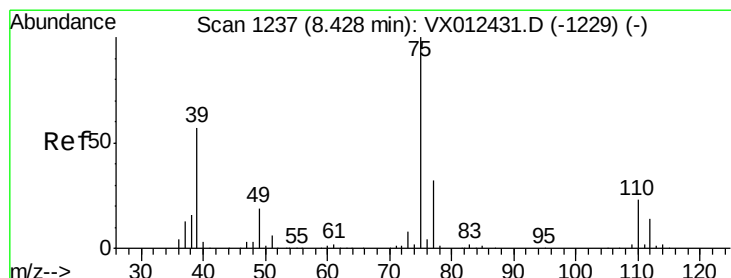
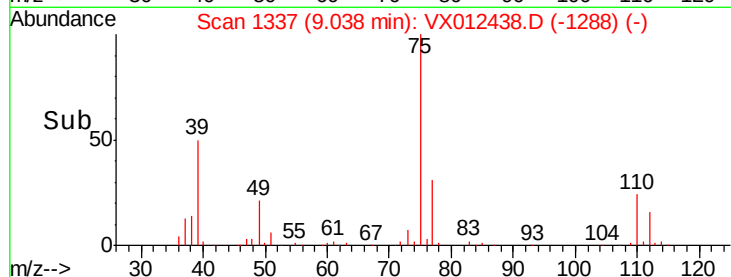
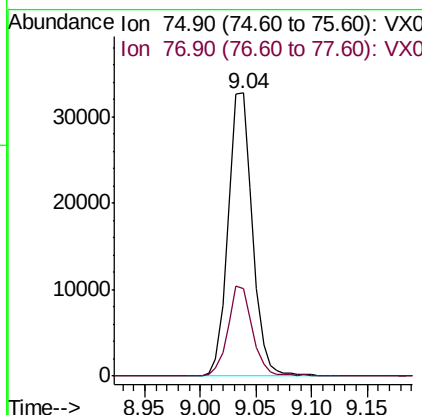
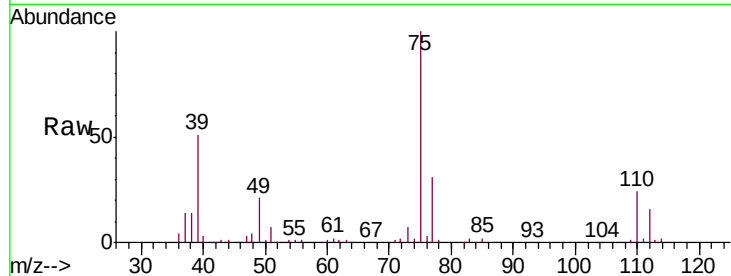




#53
 t-1,3-Dichloropropene
 Concen: 19.628 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

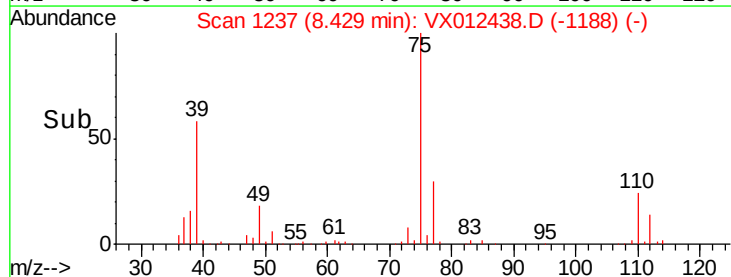
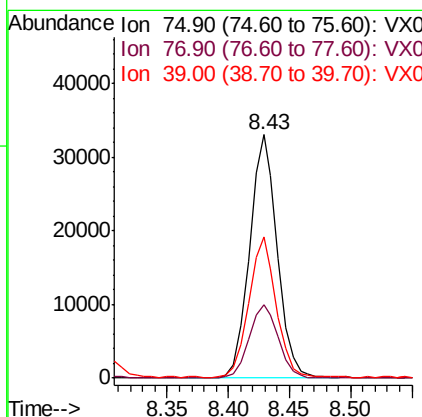
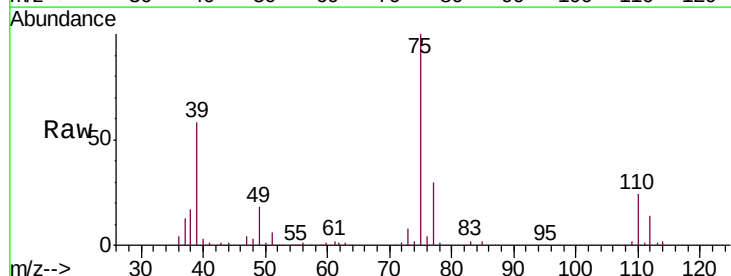
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

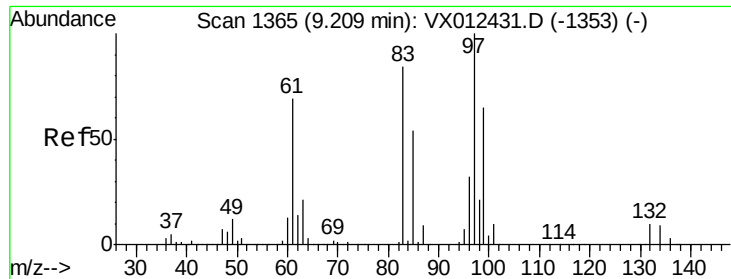
Tgt Ion: 75 Resp: 49637
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.888 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 75 Resp: 52068
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.8 38.8
 39 57.4 45.5 68.3

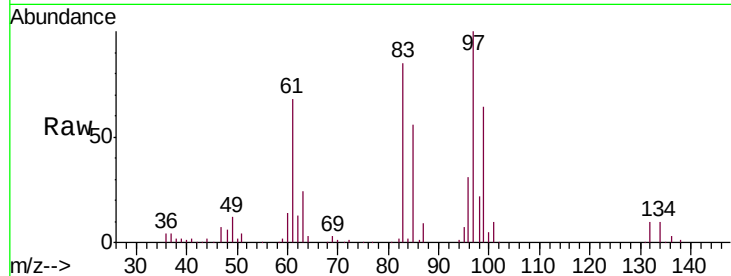




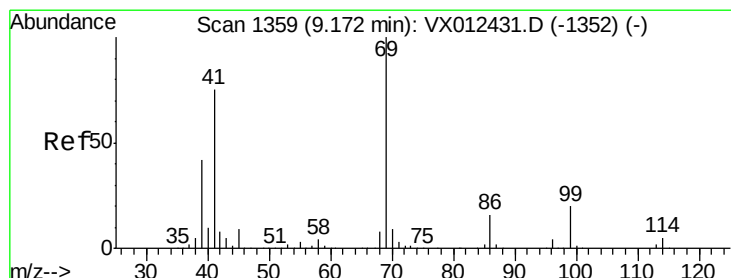
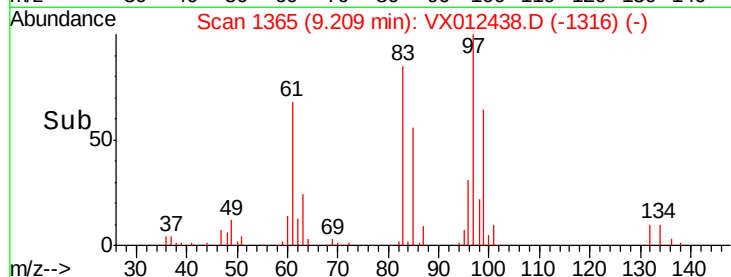
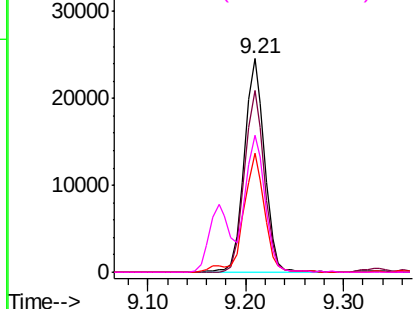
#55
 1,1,2-Trichloroethane
 Concen: 19.362 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Tgt Ion: 97 Resp: 35325
 Ion Ratio Lower Upper
 97 100
 83 85.2 67.4 101.2
 85 55.6 43.5 65.3
 99 63.9 51.8 77.8

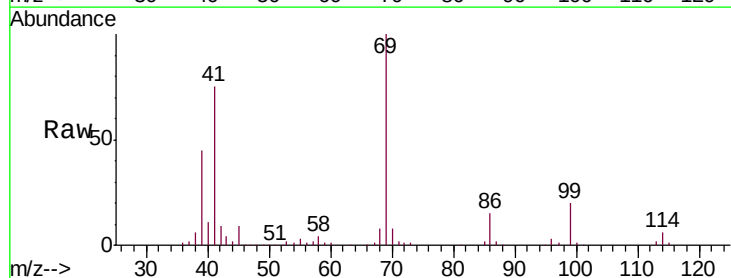


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

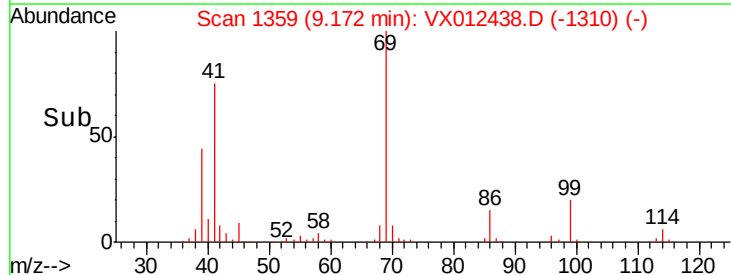
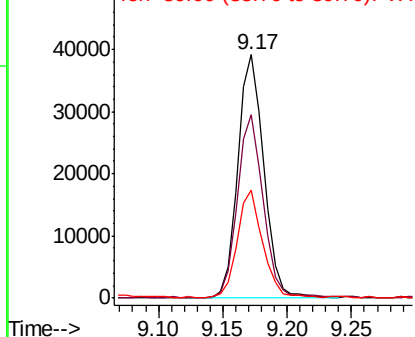


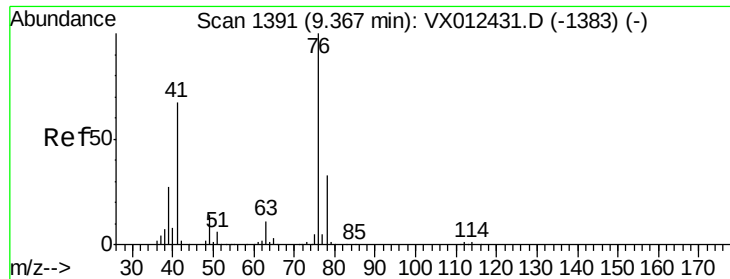
#56
 Ethyl methacrylate
 Concen: 19.289 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 69 Resp: 55022
 Ion Ratio Lower Upper
 69 100
 41 74.3 58.4 87.6
 39 43.2 33.4 50.0



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

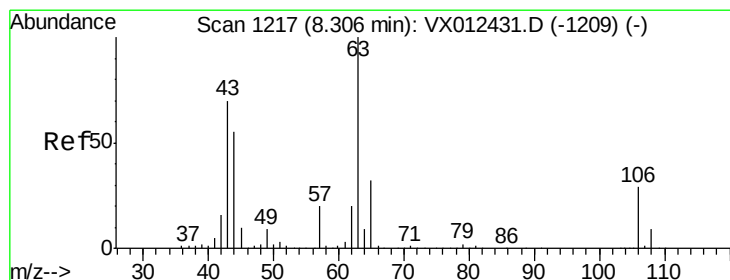
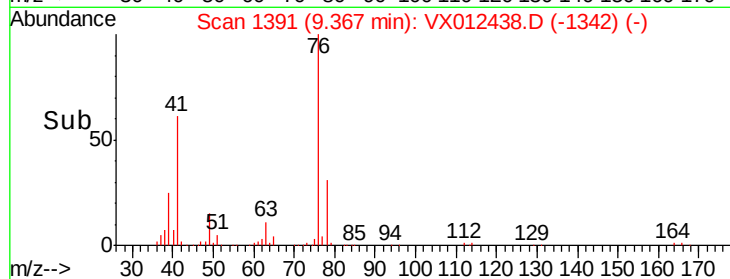
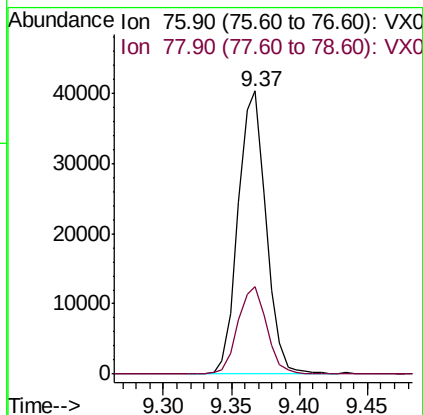
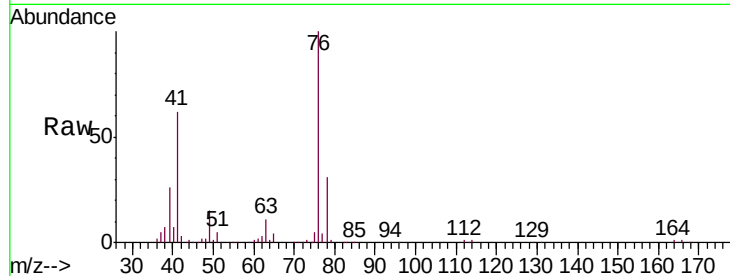




#57
 1,3-Dichloropropane
 Concen: 19.891 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

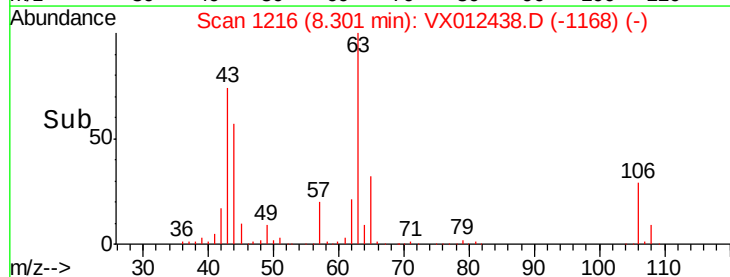
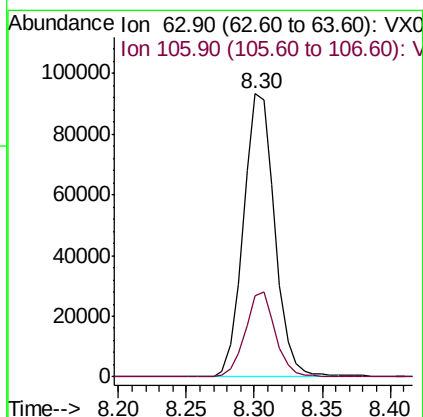
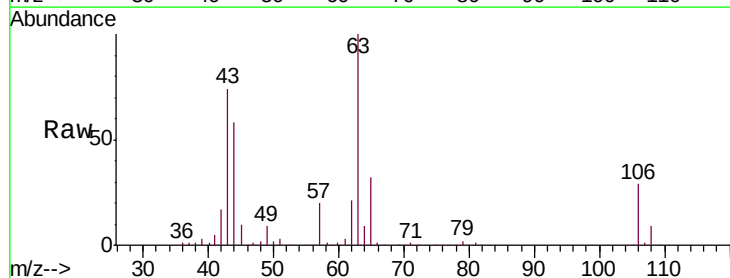
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

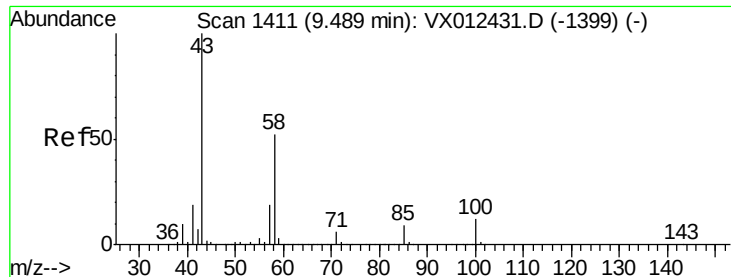
Tgt Ion: 76 Resp: 57901
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.654 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 63 Resp: 150097
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.6

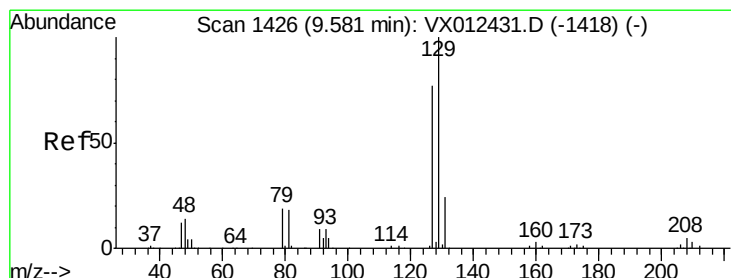
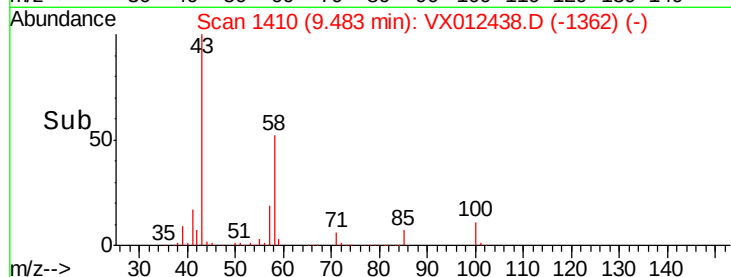
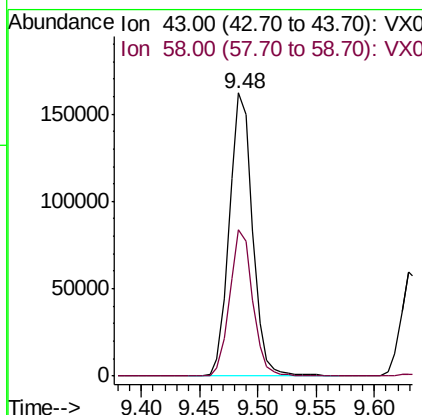
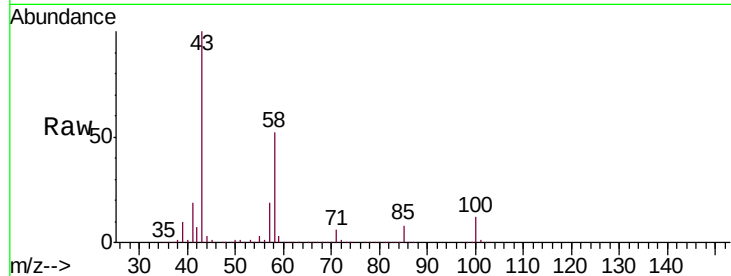




#59
2-Hexanone
Concen: 92.433 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

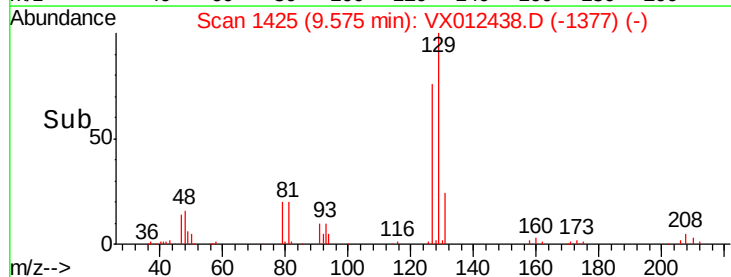
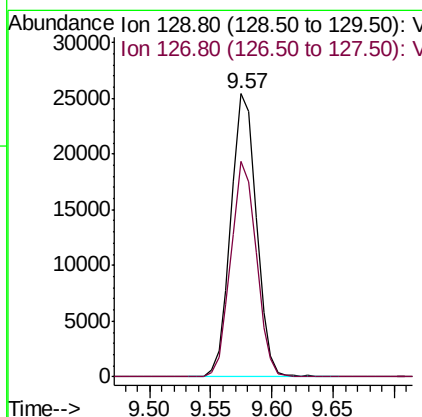
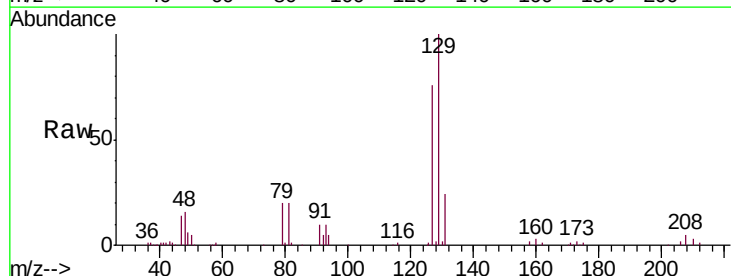
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

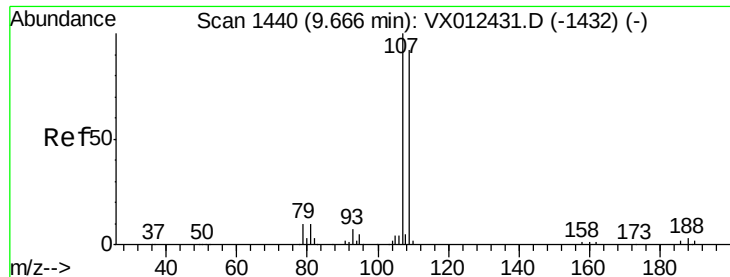
Tgt Ion: 43 Resp: 225167
Ion Ratio Lower Upper
43 100
58 51.7 25.7 77.1



#60
Dibromochloromethane
Concen: 19.760 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion: 129 Resp: 36722
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.420 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

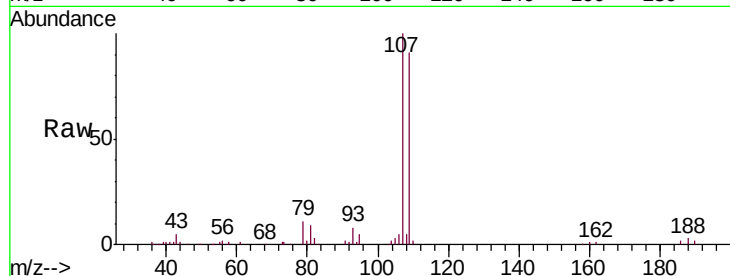
VX0917WBS01

Tgt Ion: 107 Resp: 34025

Ion Ratio Lower Upper

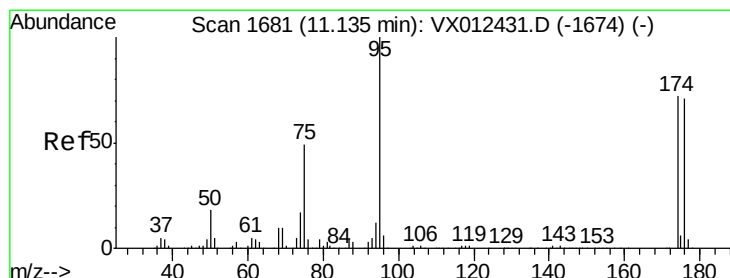
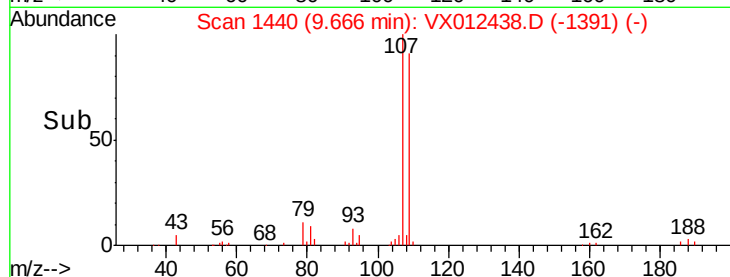
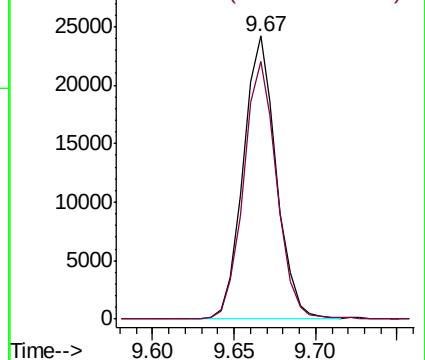
107 100

109 91.5 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: 48.135 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

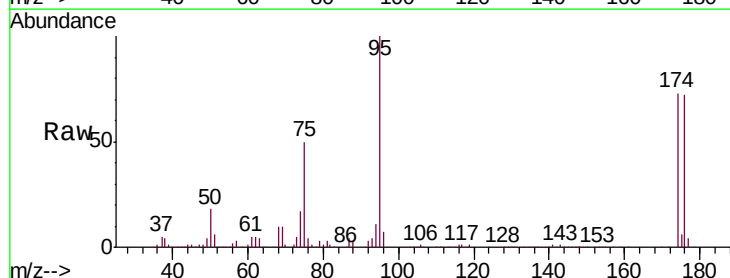
Tgt Ion: 95 Resp: 127325

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

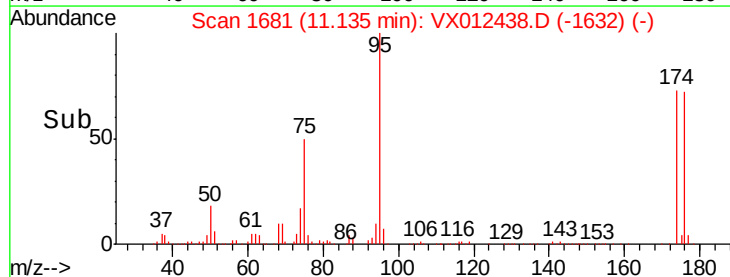
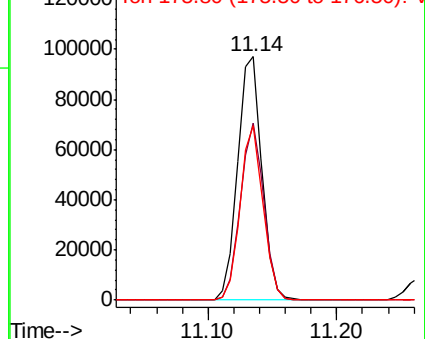
176 67.8 0.0 135.4

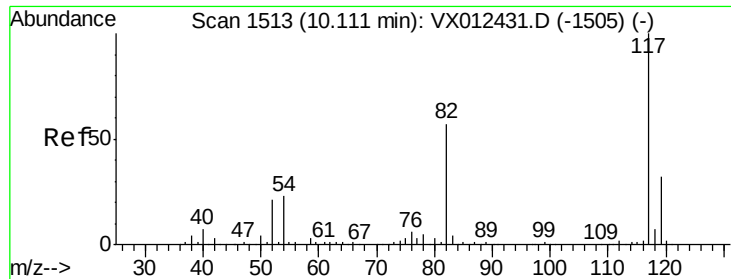


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

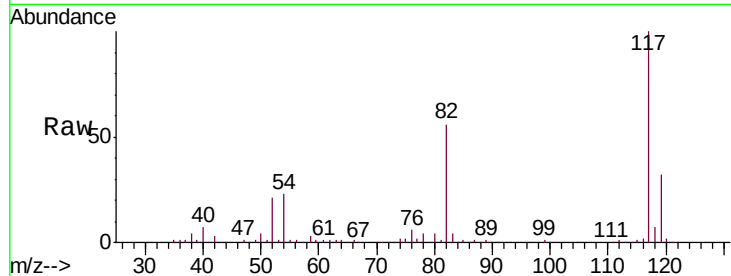




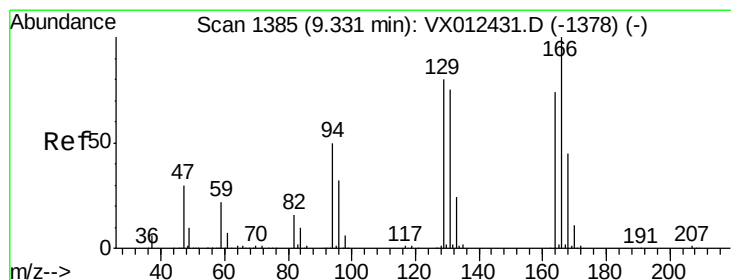
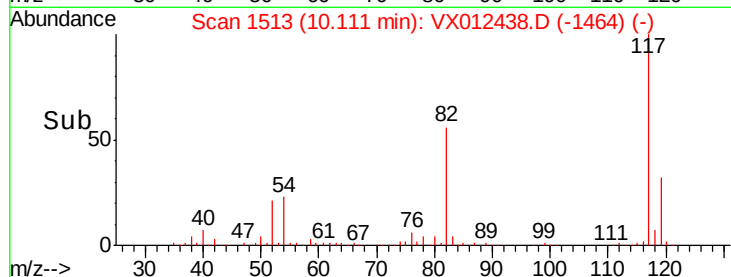
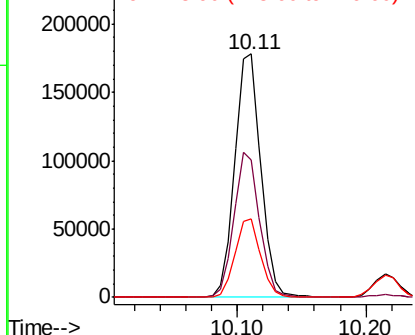
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tgt Ion:117 Resp: 251094
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 32.2 25.3 37.9

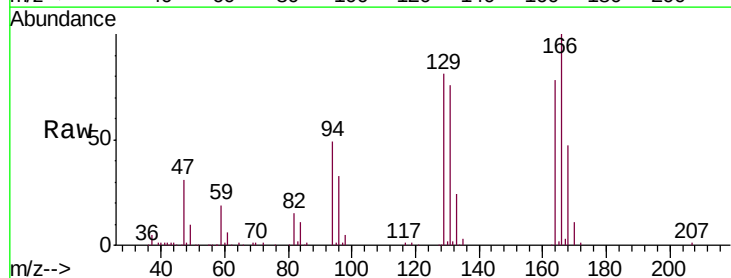


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

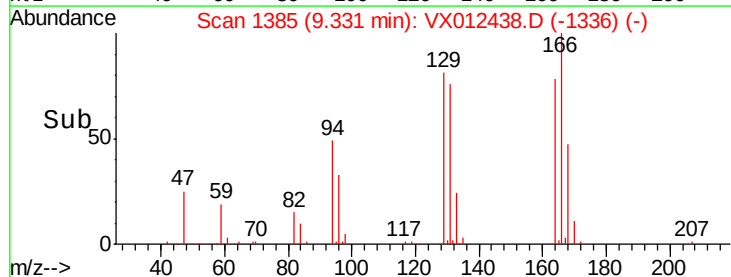
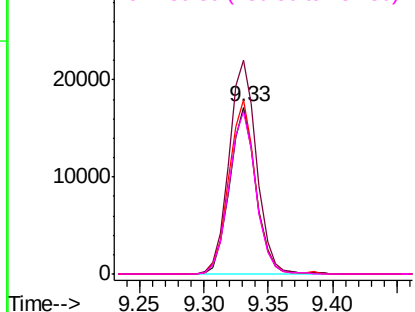


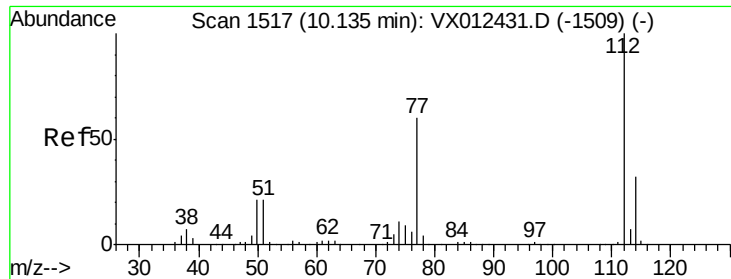
#64
Tetrachloroethene
Concen: 21.438 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion:164 Resp: 24667
Ion Ratio Lower Upper
164 100
166 128.0 107.8 161.6
129 104.2 86.2 129.2
131 97.4 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

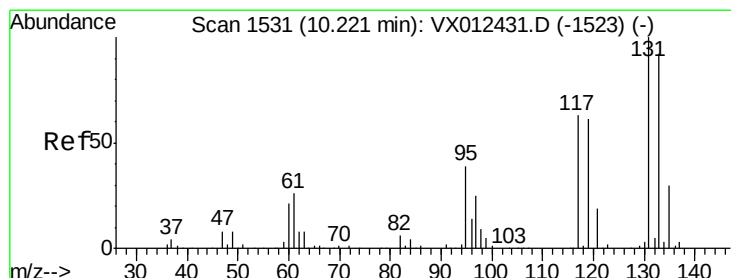
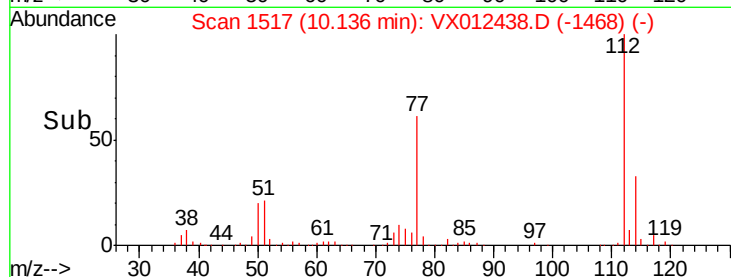
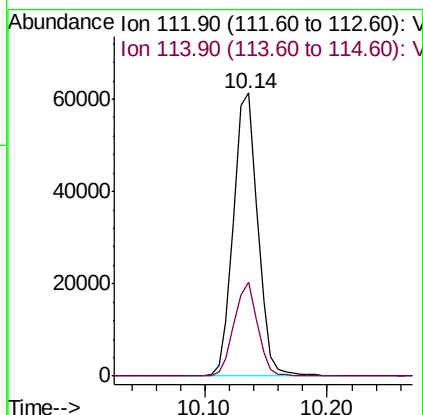
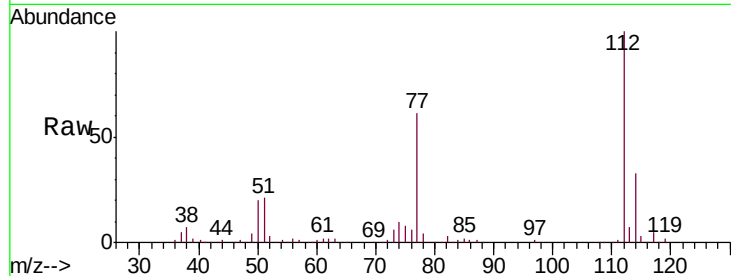




#65
Chlorobenzene
Concen: 20.233 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

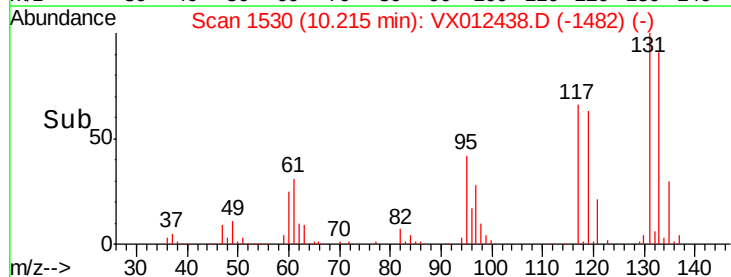
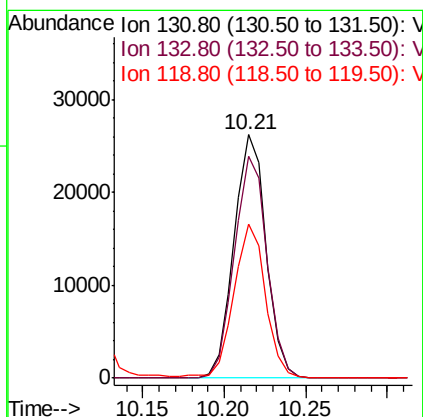
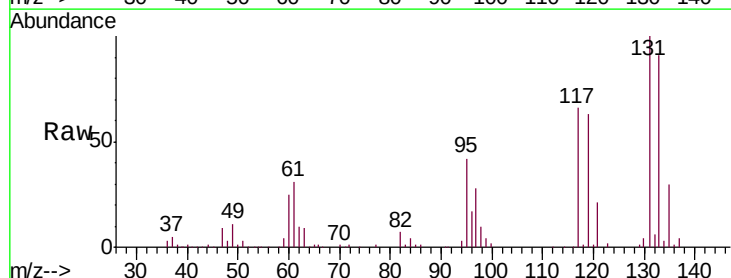
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

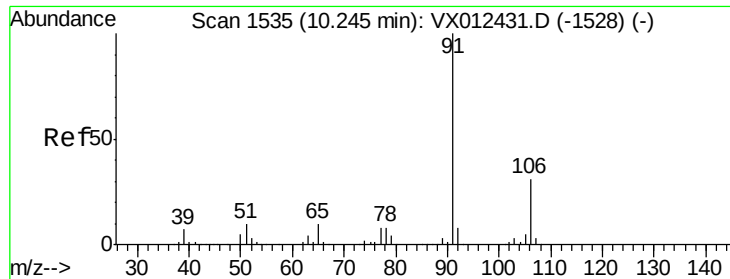
Tgt Ion:112 Resp: 83853
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.840 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion:131 Resp: 35845
Ion Ratio Lower Upper
131 100
133 92.6 47.6 142.9
119 62.9 31.3 93.8

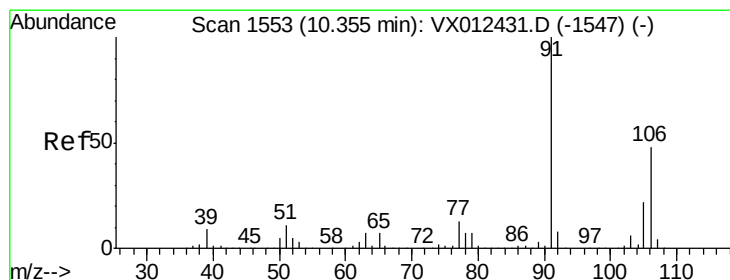
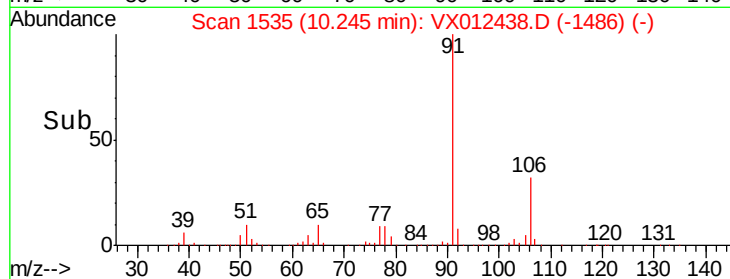
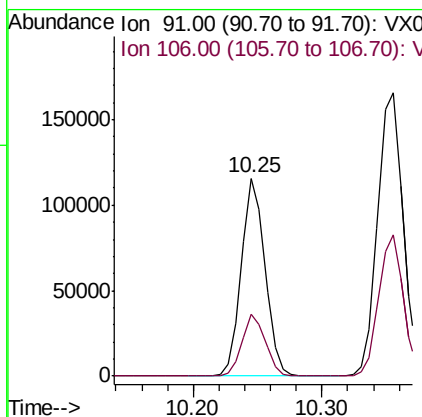
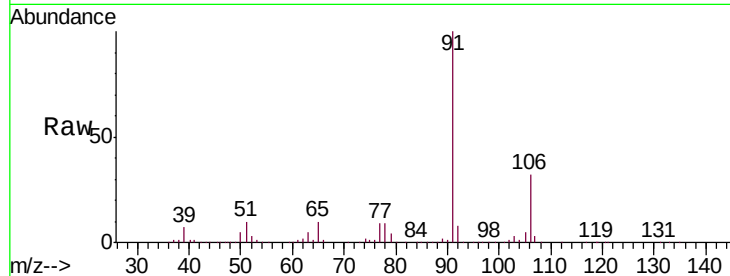




#67
 Ethyl Benzene
 Concen: 20.773 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

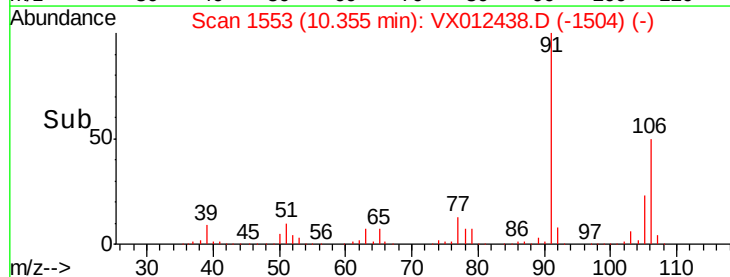
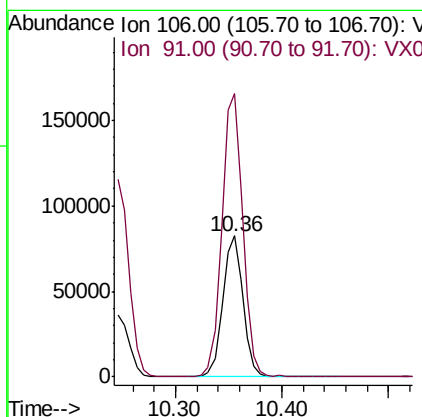
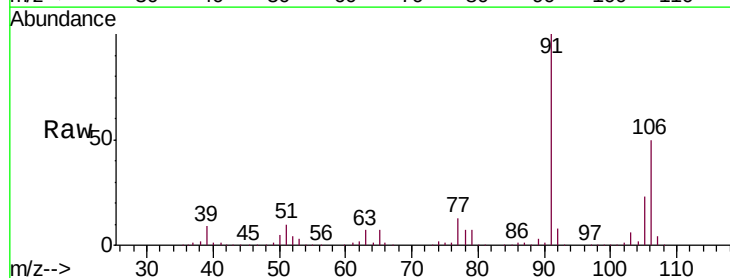
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

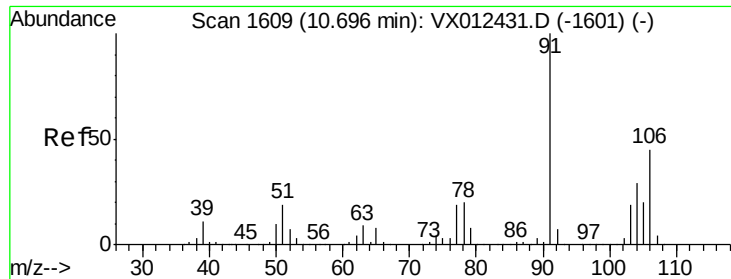
Tgt Ion: 91 Resp: 147908
 Ion Ratio Lower Upper
 91 100
 106 31.6 24.6 37.0



#68
 m/p-Xylenes
 Concen: 42.201 ug/l
 RT: 10.36 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 106 Resp: 109328
 Ion Ratio Lower Upper
 106 100
 91 206.4 166.6 250.0

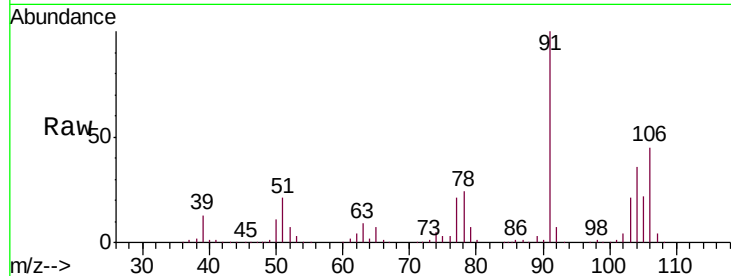




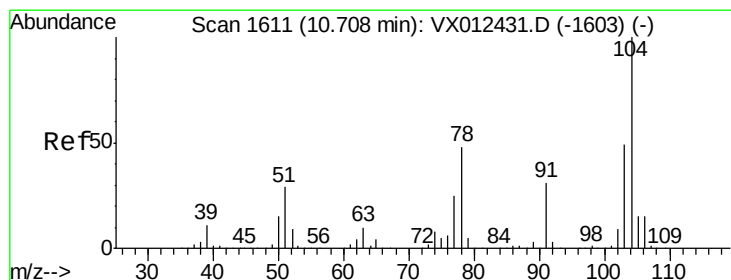
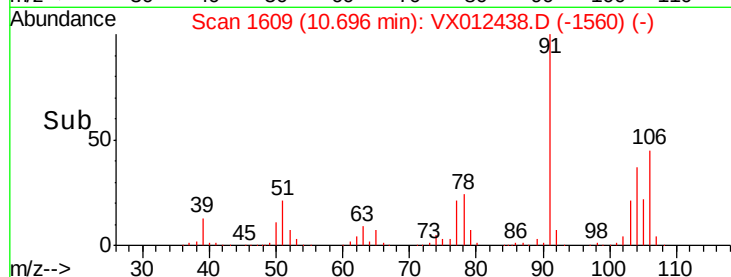
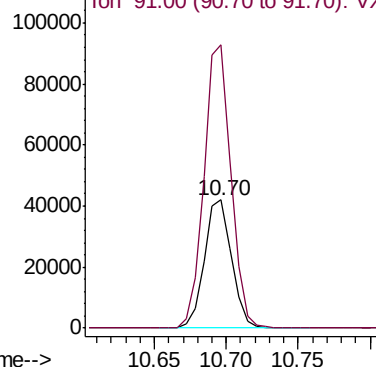
#69
o-Xylene
Concen: 20.802 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampled :
VX0917WBS01

Tgt Ion:106 Resp: 55422
Ion Ratio Lower Upper
106 100
91 220.5 109.4 328.2

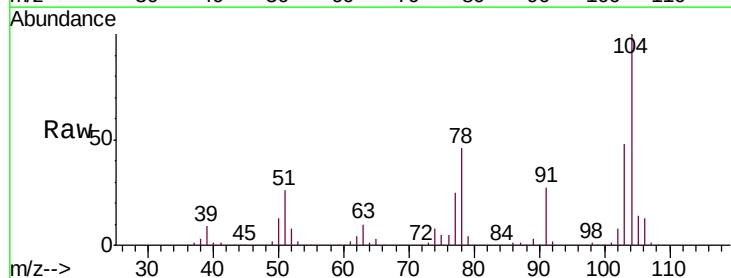


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

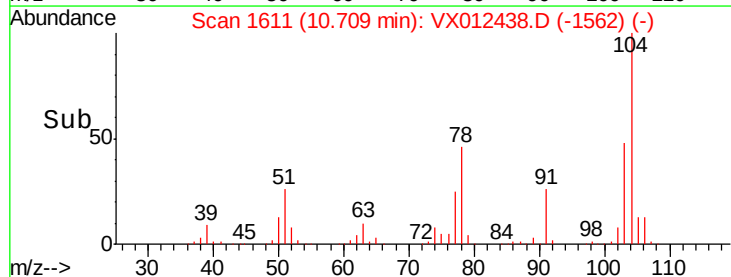
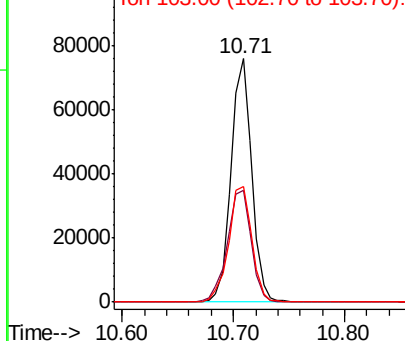


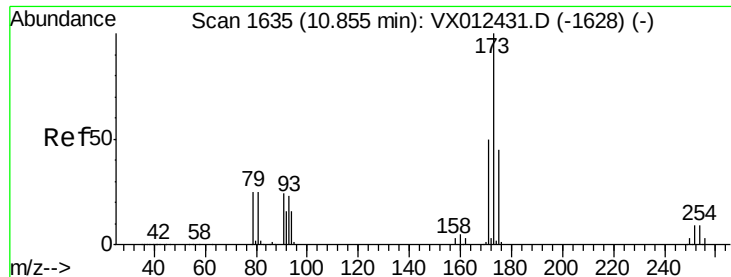
#70
Styrene
Concen: 20.729 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion:104 Resp: 97715
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.2
103 53.4 43.3 64.9



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





#71

Bromoform

Concen: 18.782 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

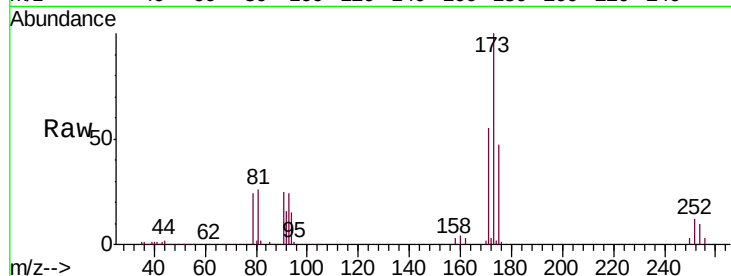
Tgt Ion:173 Resp: 24999

Ion Ratio Lower Upper

173 100

175 47.8 23.7 71.1

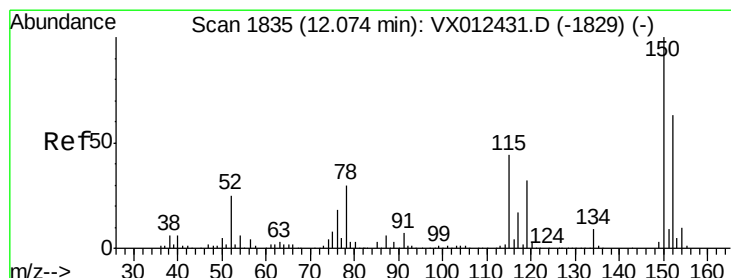
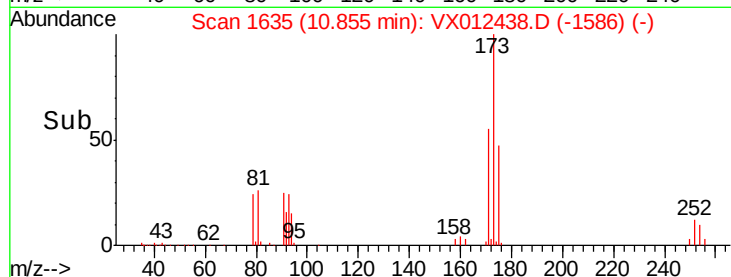
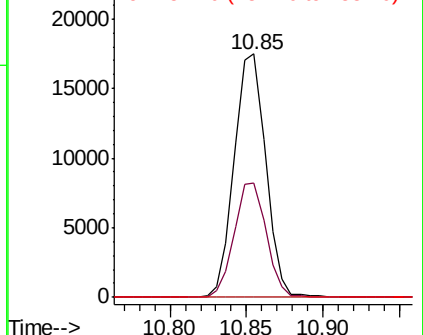
254 0.0 0.1 0.1#



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: VX012438.D

Acq: 17 Sep 2019 17:55

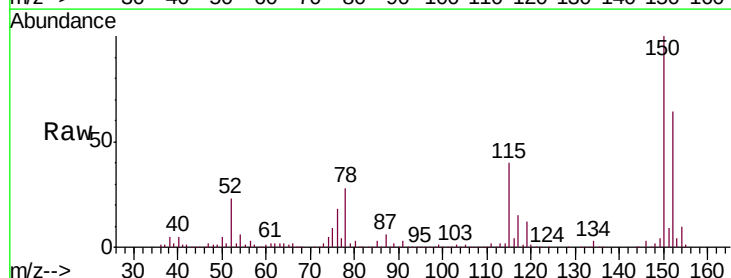
Tgt Ion:152 Resp: 122348

Ion Ratio Lower Upper

152 100

115 72.7 44.1 132.3

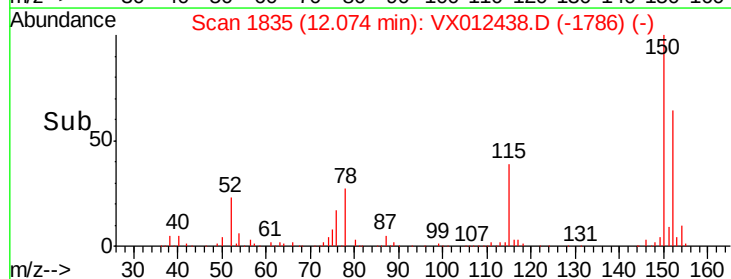
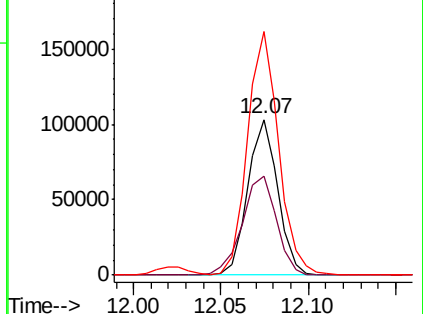
150 163.2 0.0 343.8

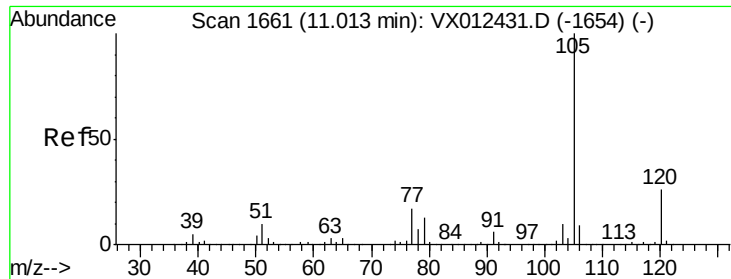


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.305 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

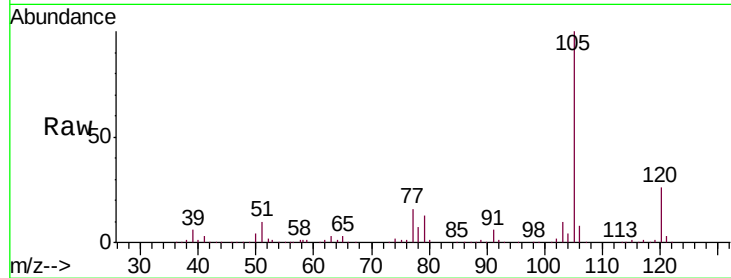
VX0917WBS01

Tgt Ion: 105 Resp: 155876

Ion Ratio Lower Upper

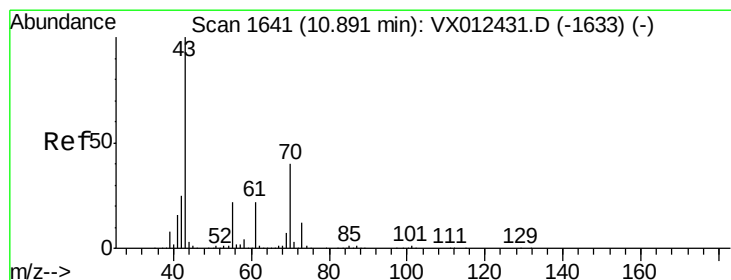
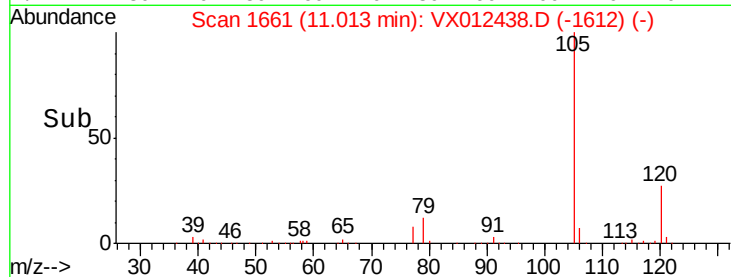
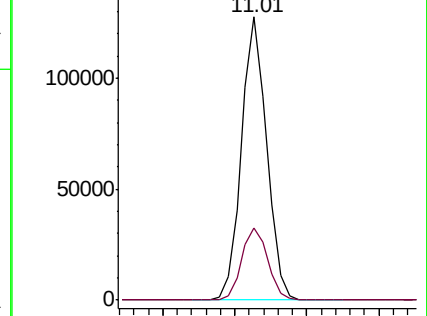
105 100

120 26.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.489 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Tgt Ion: 43 Resp: 80547

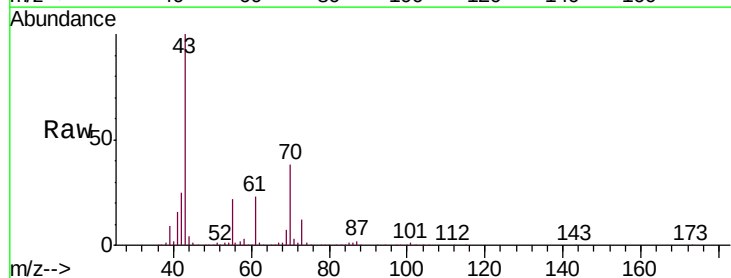
Ion Ratio Lower Upper

43 100

70 40.2 32.4 48.6

55 23.8 18.2 27.4

61 23.8 18.5 27.7

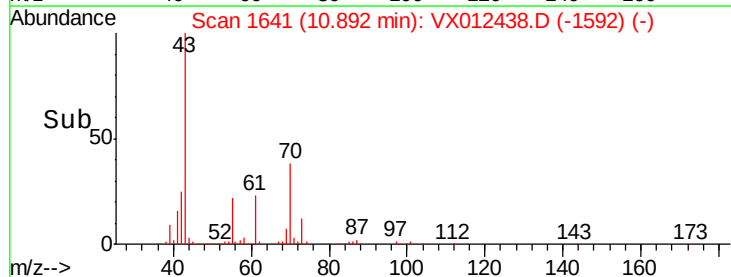
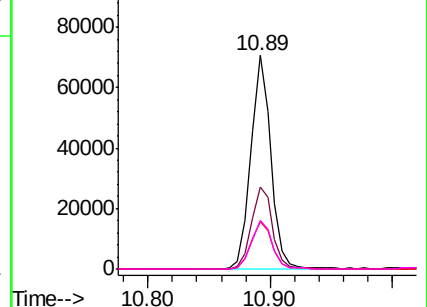


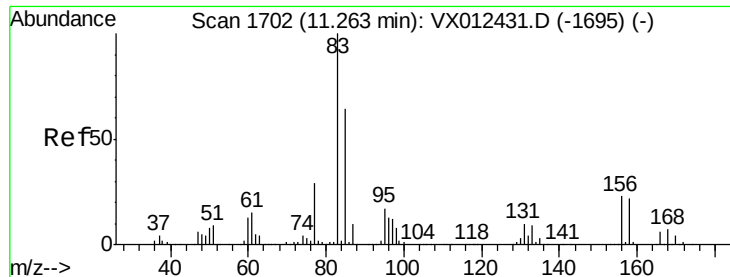
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.117 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

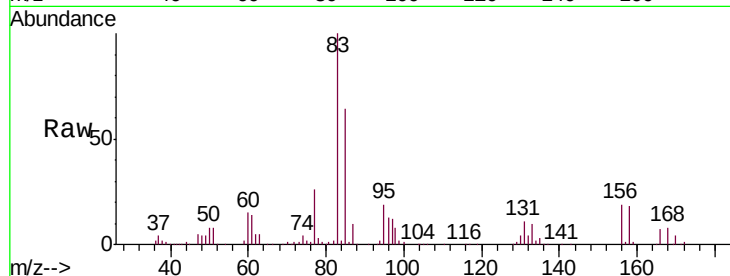
Tgt Ion: 83 Resp: 57569

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

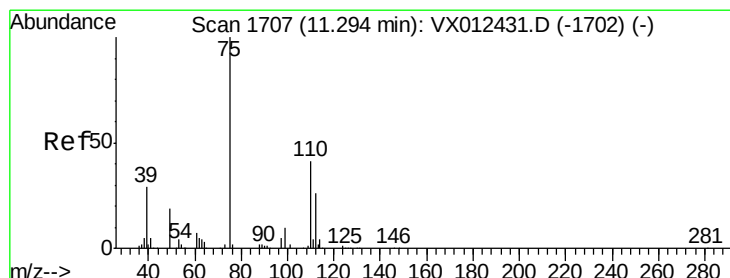
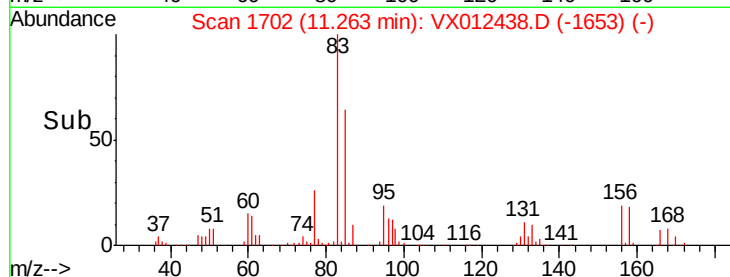
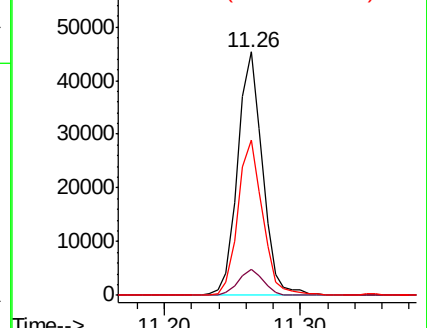
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.649 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012438.D

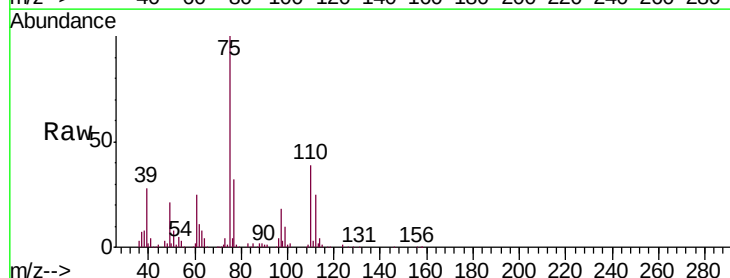
Acq: 17 Sep 2019 17:55

Tgt Ion: 75 Resp: 66463

Ion Ratio Lower Upper

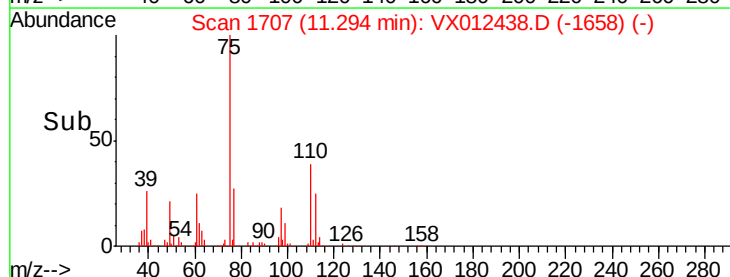
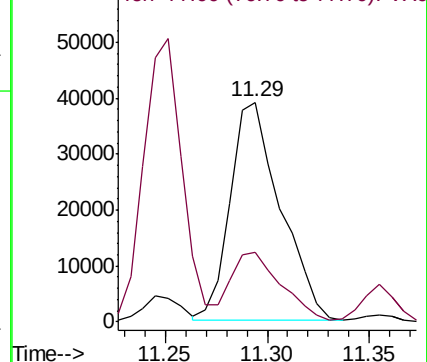
75 100

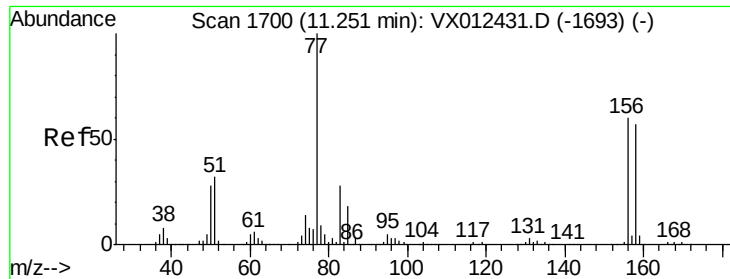
77 31.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.883 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

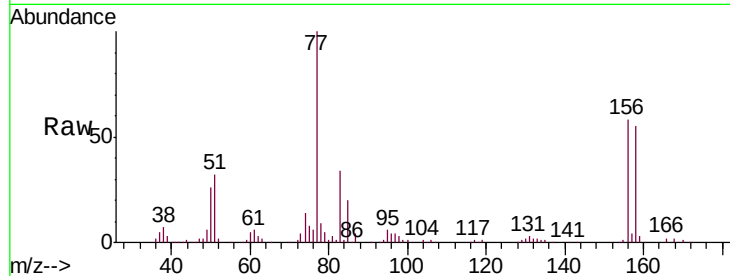
Tgt Ion:156 Resp: 37224

Ion Ratio Lower Upper

156 100

77 176.7 87.3 261.8

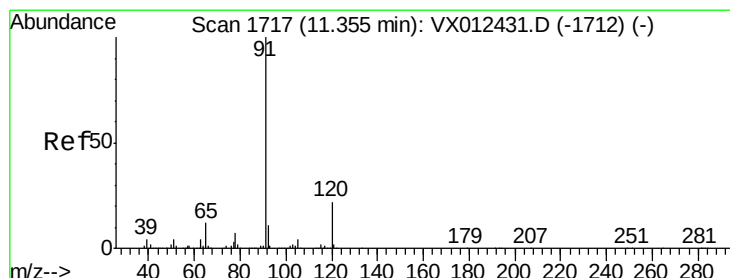
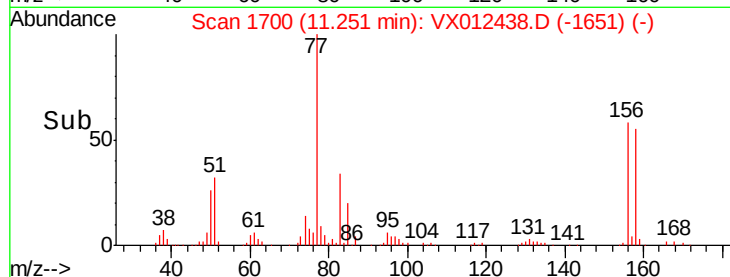
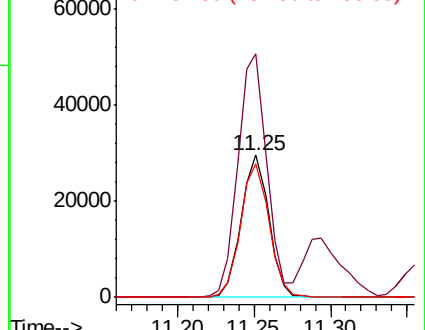
158 97.1 48.5 145.6



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: 20.736 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012438.D

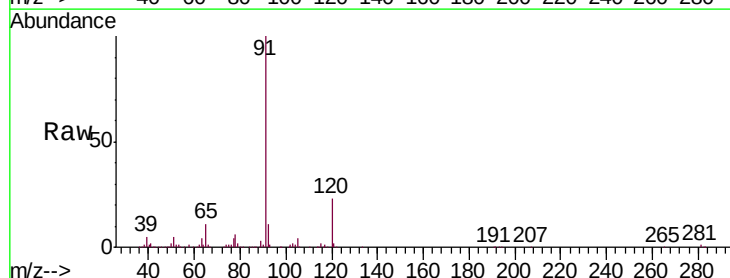
Acq: 17 Sep 2019 17:55

Tgt Ion: 91 Resp: 177418

Ion Ratio Lower Upper

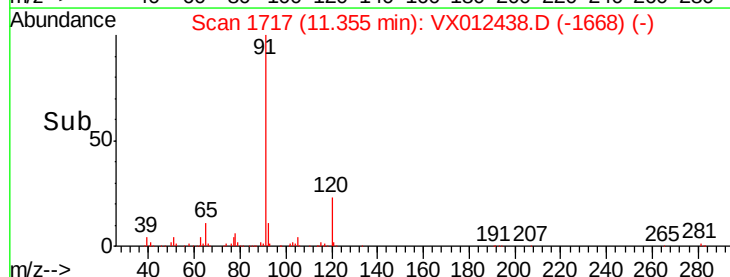
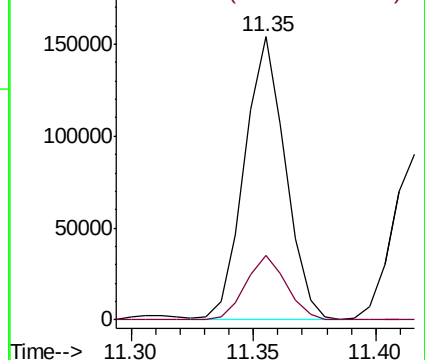
91 100

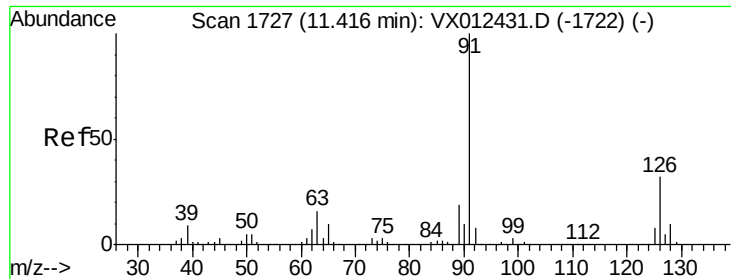
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

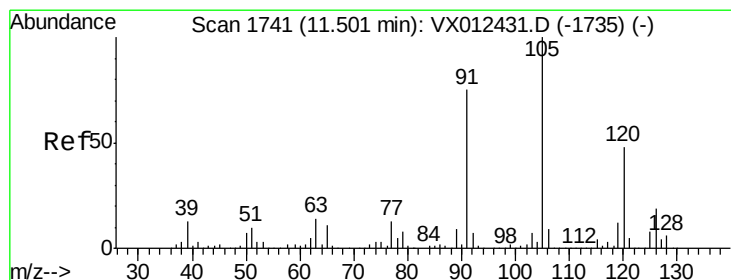
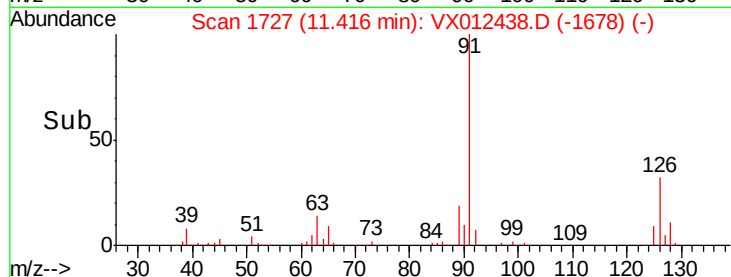
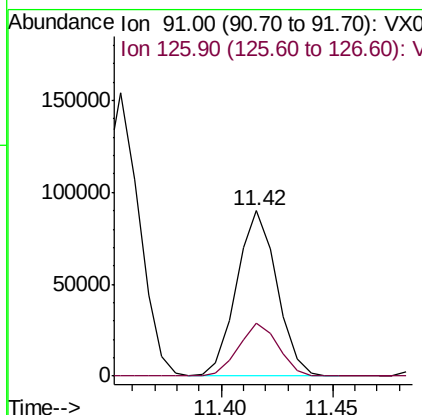
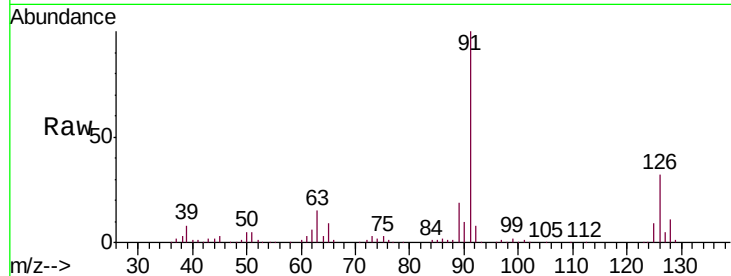




#79
 2-Chlorotoluene
 Concen: 20.315 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

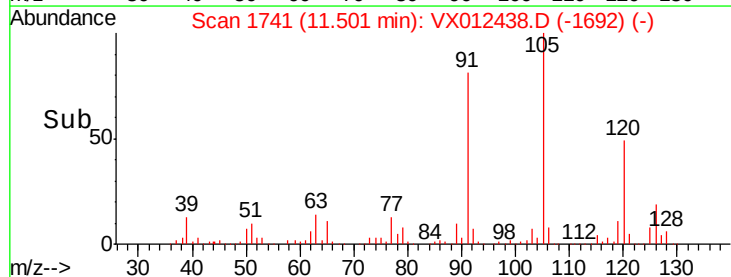
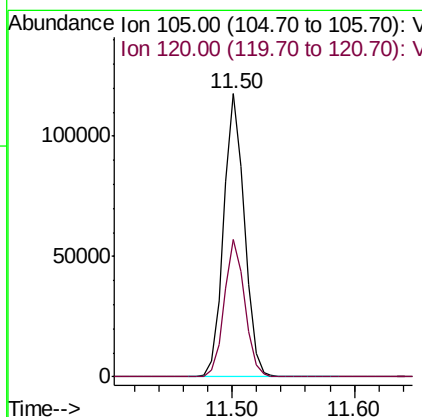
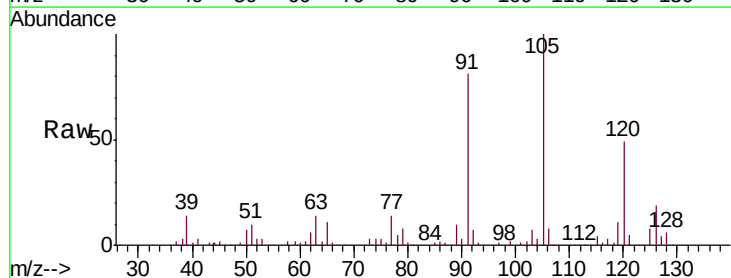
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

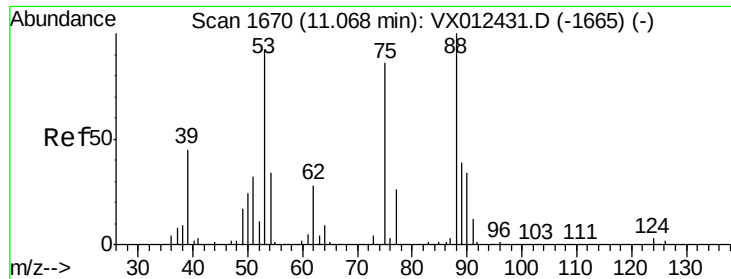
Tgt Ion: 91 Resp: 113077
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.060 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion: 105 Resp: 137880
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.469 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

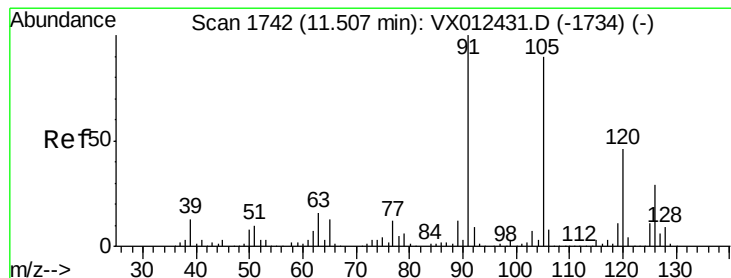
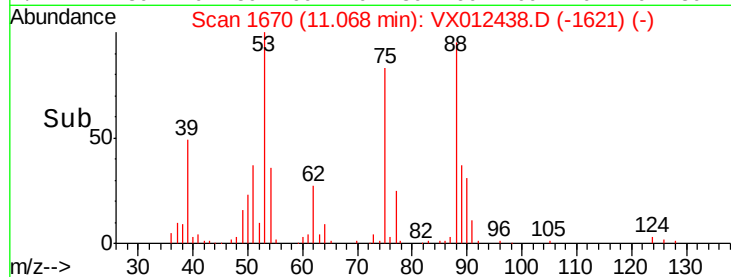
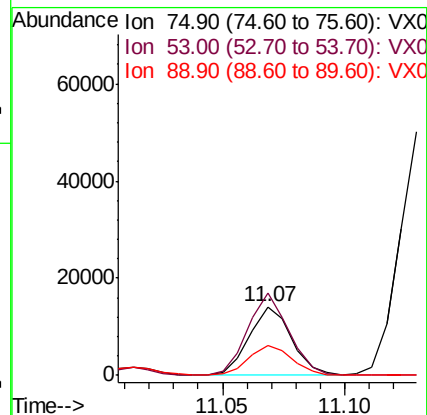
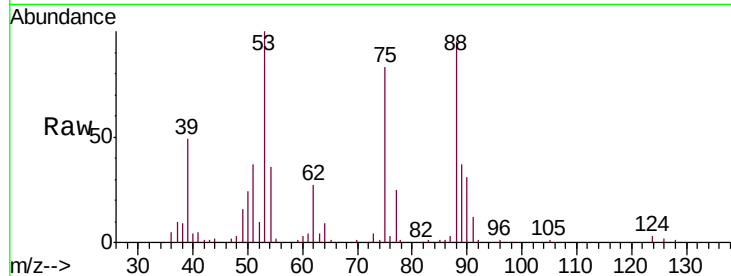
Tgt Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

53 117.6 83.6 125.4

89 46.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.831 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012438.D

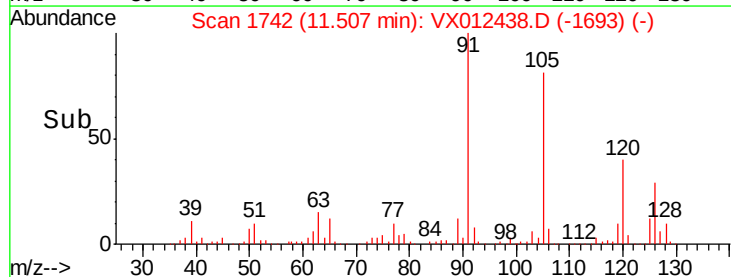
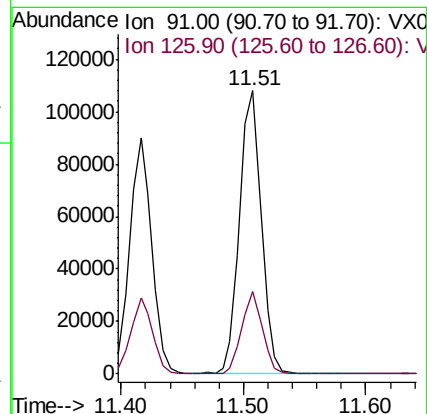
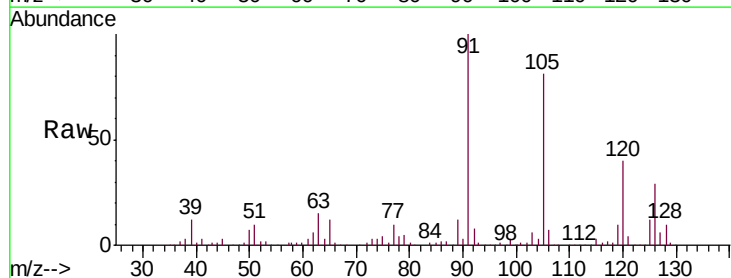
Acq: 17 Sep 2019 17:55

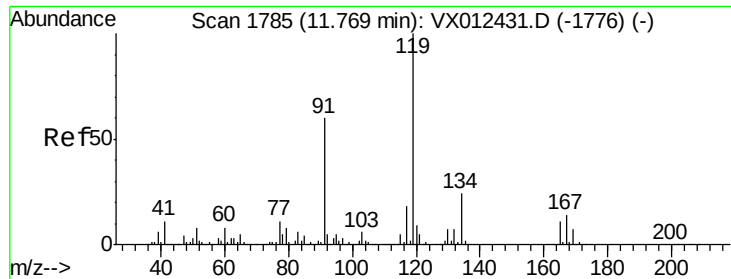
Tgt Ion: 91 Resp: 133072

Ion Ratio Lower Upper

91 100

126 27.6 14.4 43.0

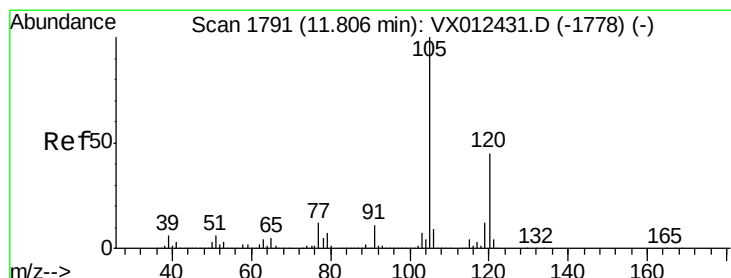
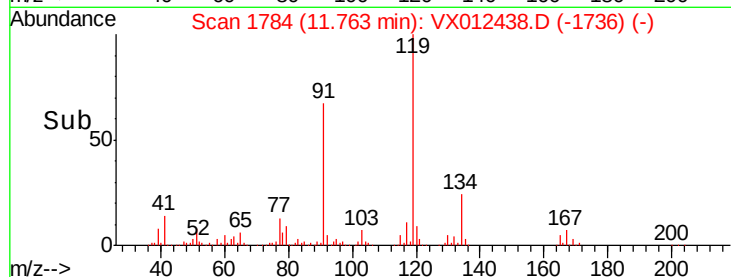
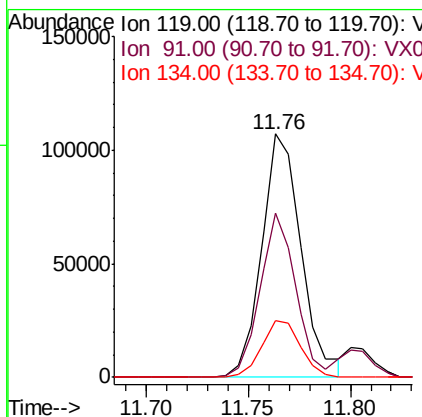
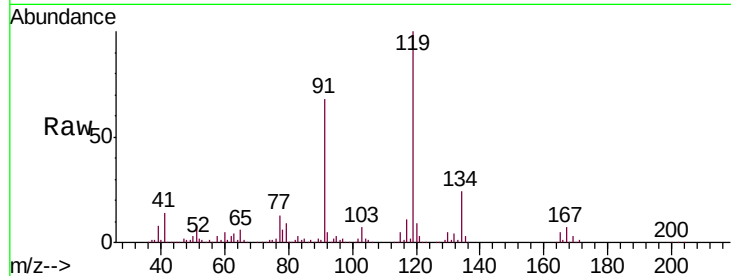




#83
 tert-Butylbenzene
 Concen: 20.525 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

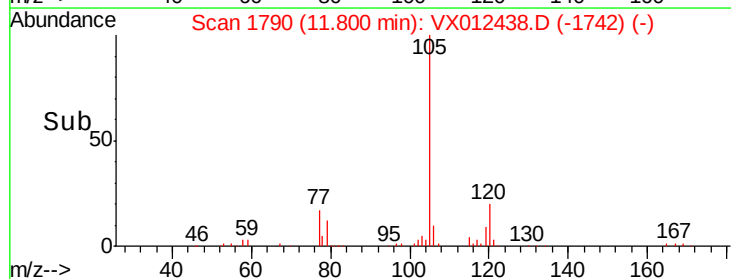
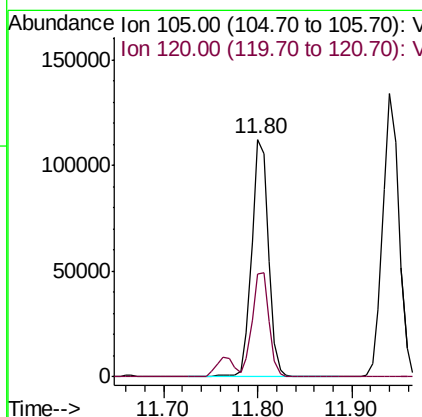
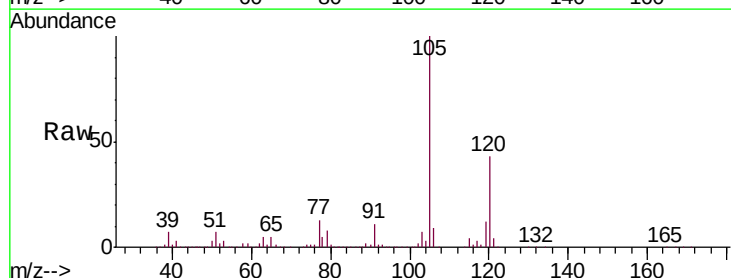
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

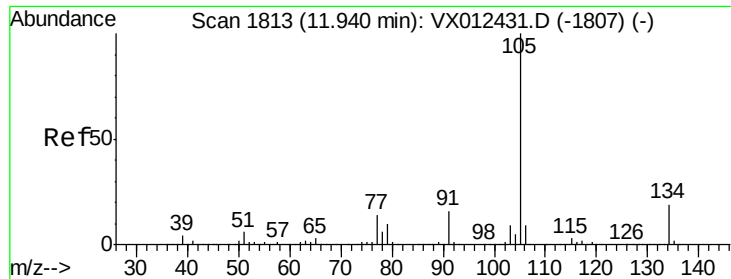
Tgt Ion:119 Resp: 143992
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.0
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.971 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion:105 Resp: 140968
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.914 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampled :

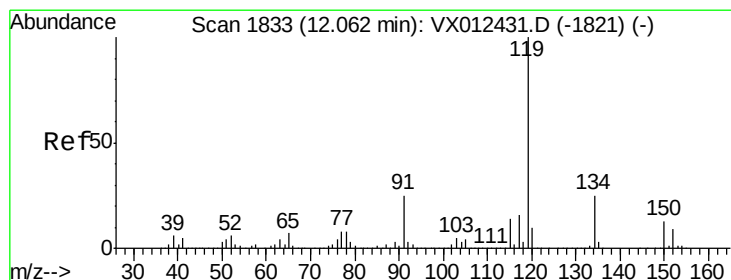
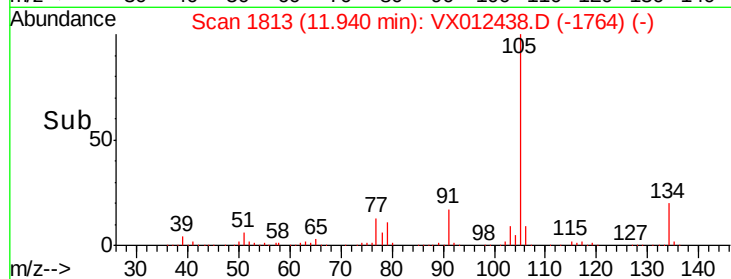
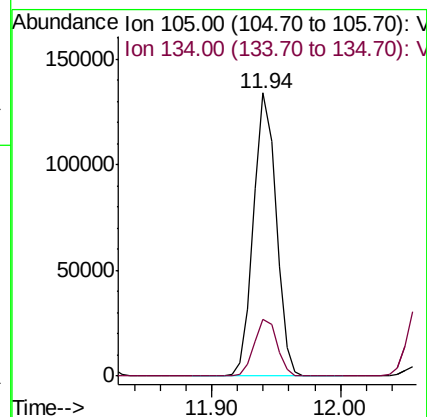
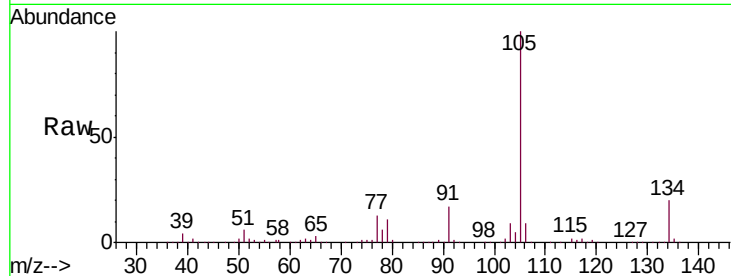
VX0917WBS01

Tgt Ion:105 Resp: 161672

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.811 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

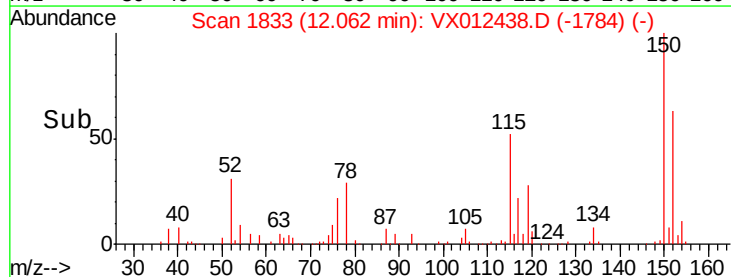
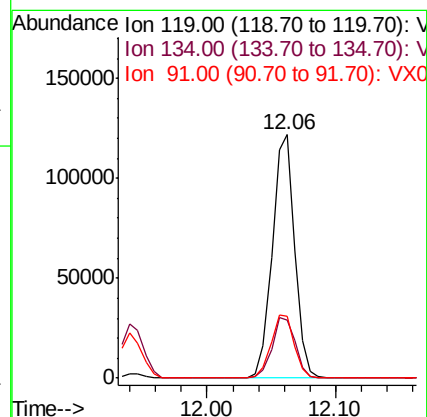
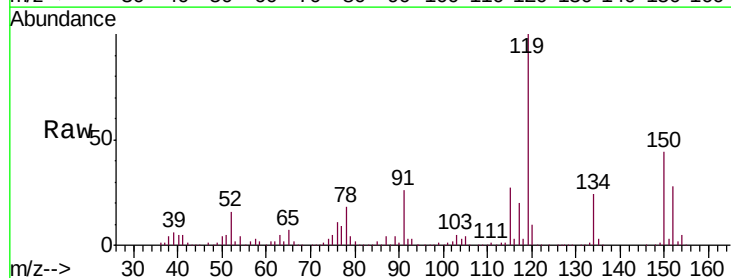
Tgt Ion:119 Resp: 147723

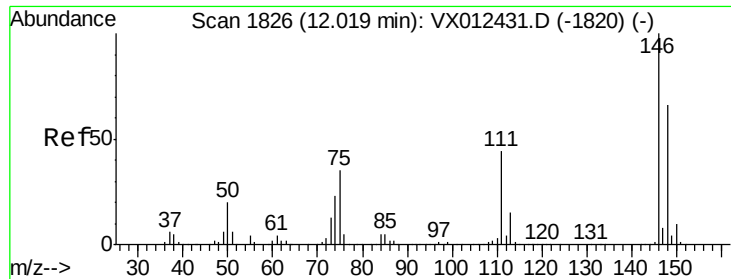
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 27.2 12.8 38.4

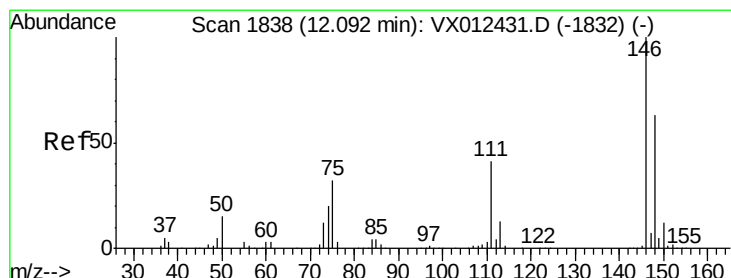
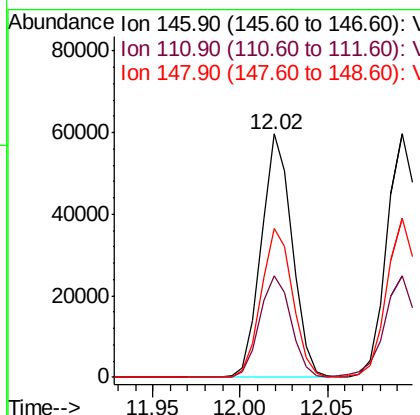
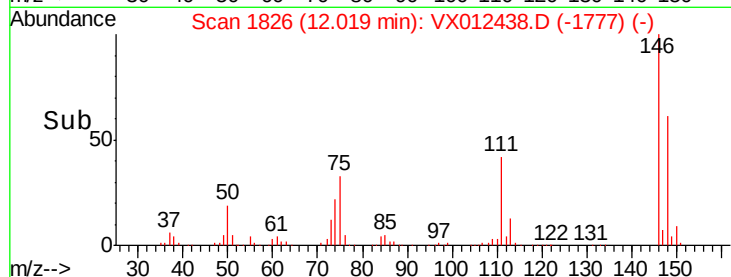
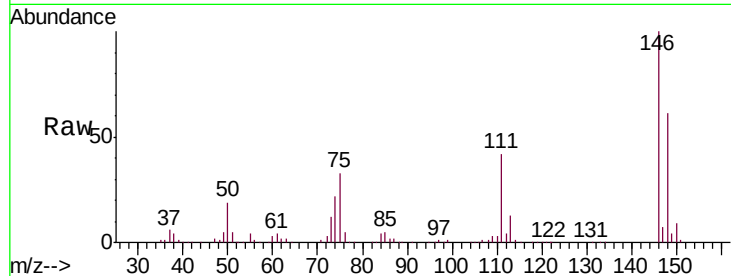




#87
 1,3-Dichlorobenzene
 Concen: 20.744 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

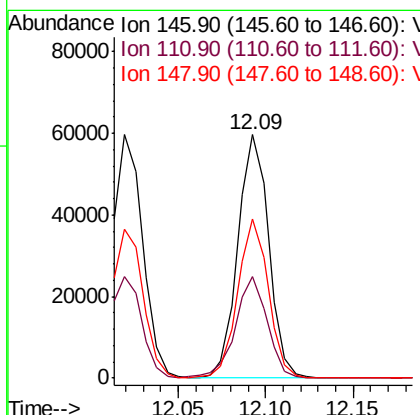
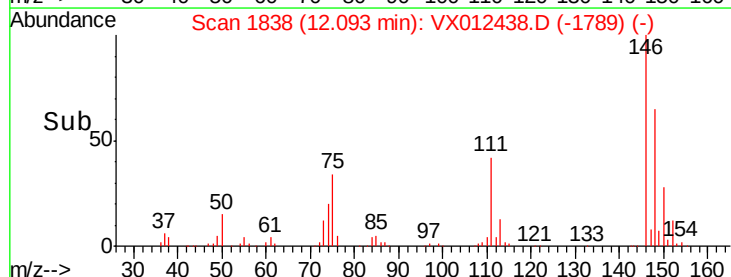
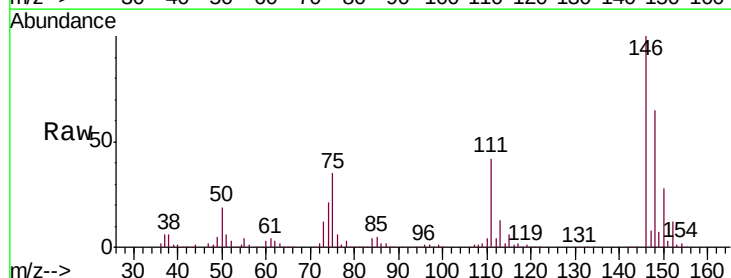
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

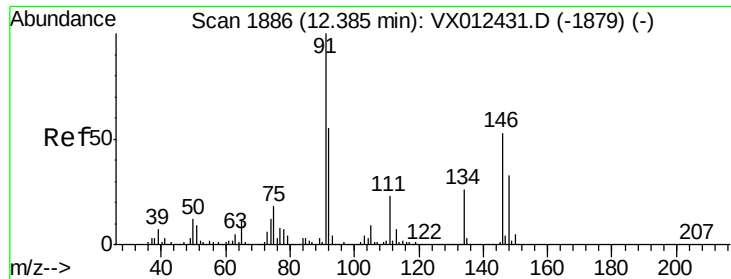
Tgt Ion:146 Resp: 73054
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 64.0
 148 62.8 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 20.255 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion:146 Resp: 73274
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.3
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.193 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

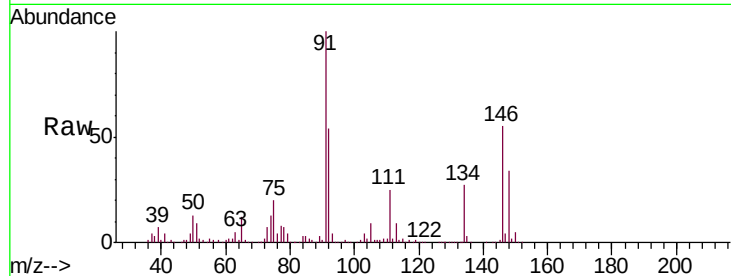
Tgt Ion: 91 Resp: 127890

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.0

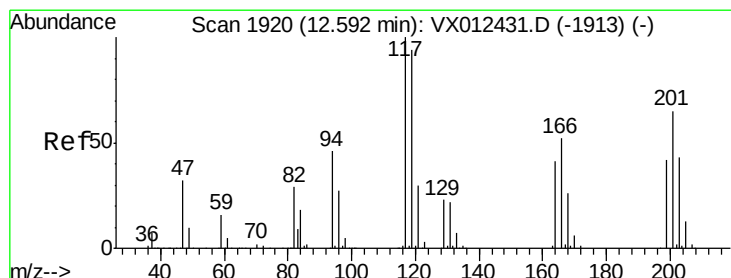
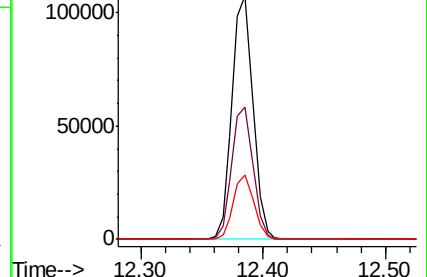
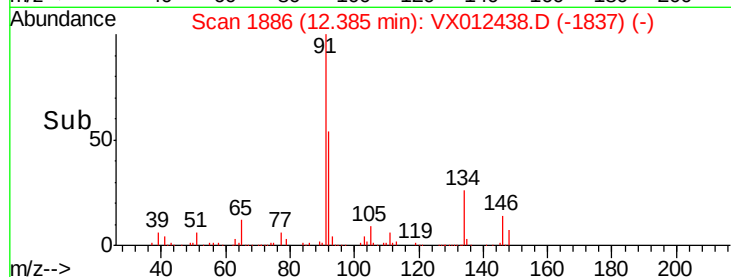
134 26.1 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012438.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012438.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012438.D (-1879) (-)



#90

Hexachloroethane

Concen: 20.006 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012438.D

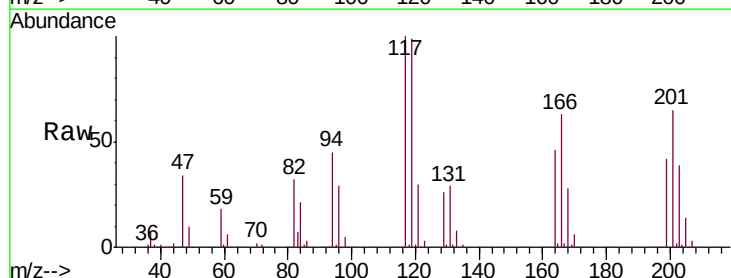
Acq: 17 Sep 2019 17:55

Tgt Ion: 117 Resp: 26039

Ion Ratio Lower Upper

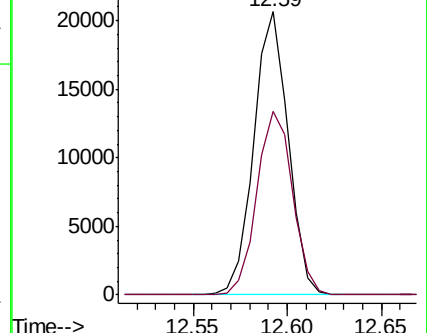
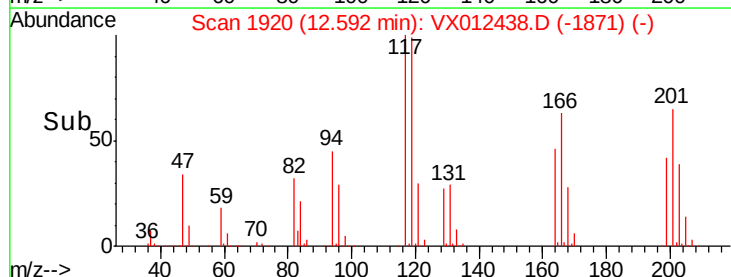
117 100

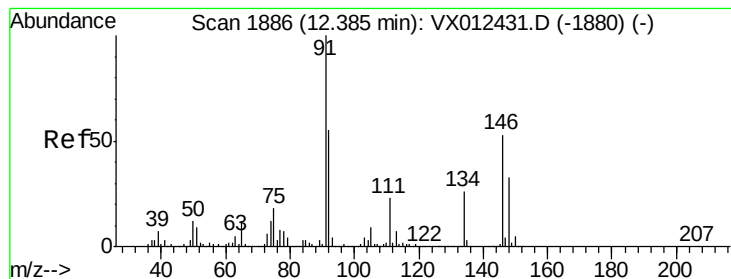
201 67.5 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012438.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012438.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 19.805 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBS01

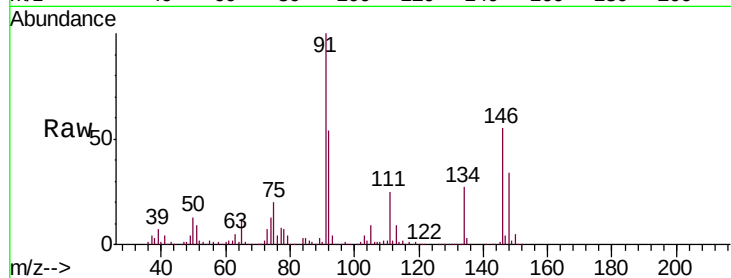
Tgt Ion:146 Resp: 72898

Ion Ratio Lower Upper

146 100

111 45.8 22.1 66.1

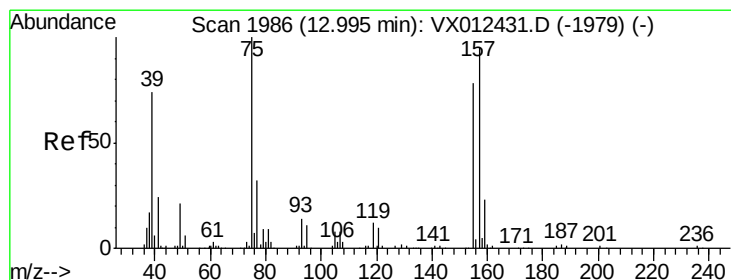
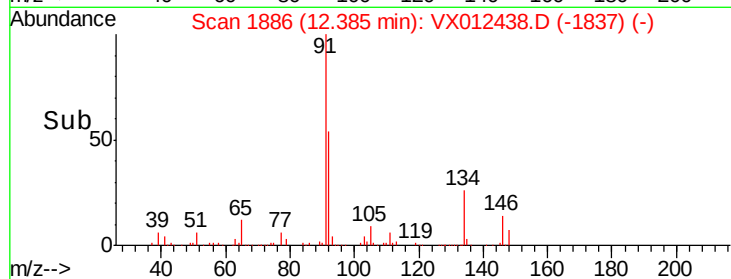
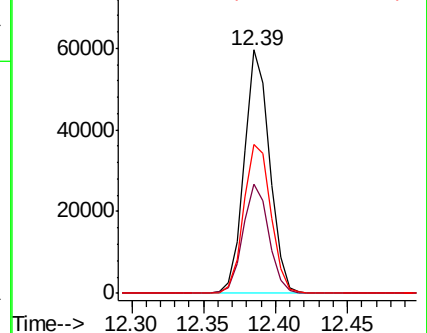
148 65.4 31.3 93.9



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: 18.451 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012438.D

Acq: 17 Sep 2019 17:55

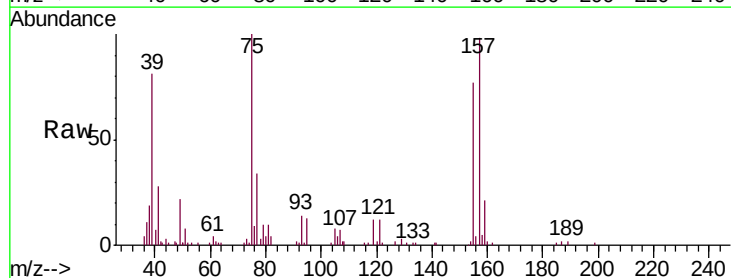
Tgt Ion: 75 Resp: 14405

Ion Ratio Lower Upper

75 100

155 75.8 38.6 115.8

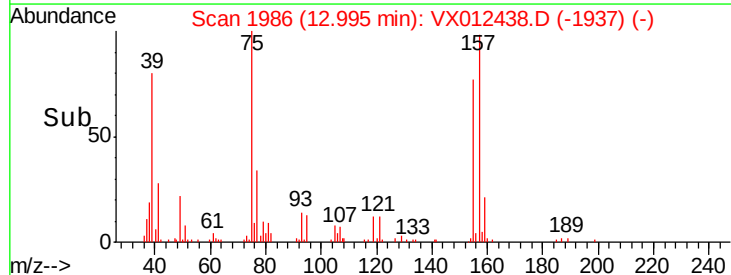
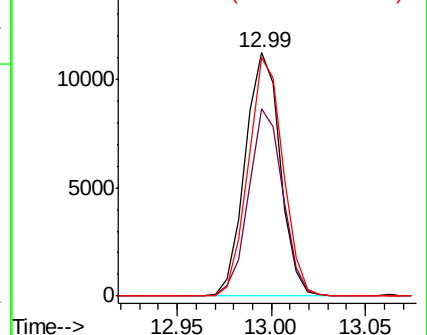
157 97.4 50.6 151.9

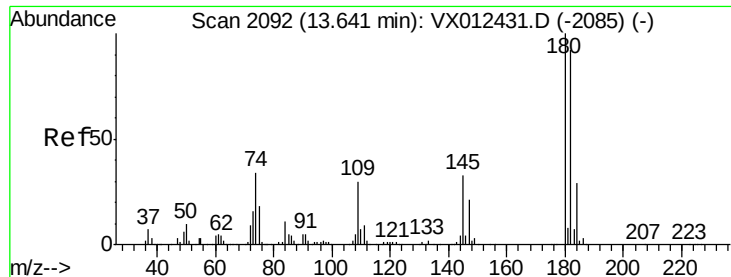


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

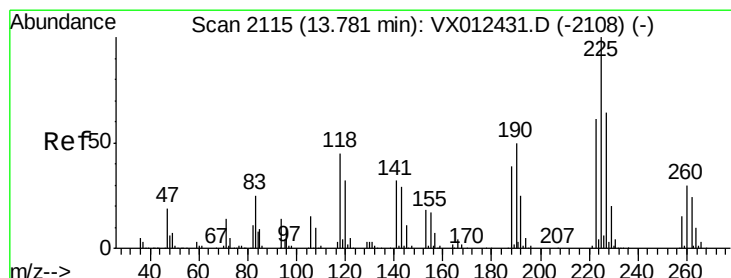
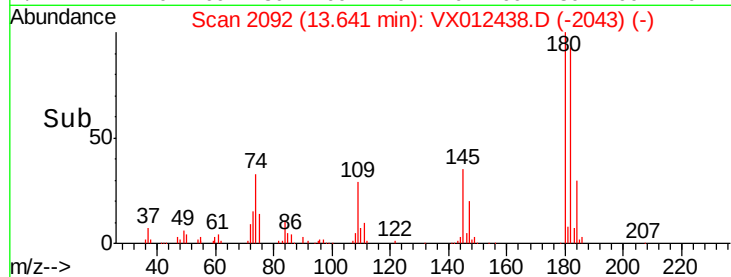
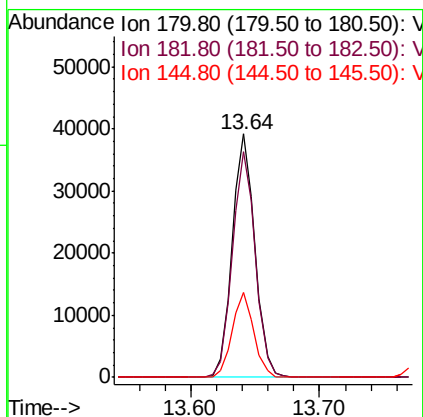
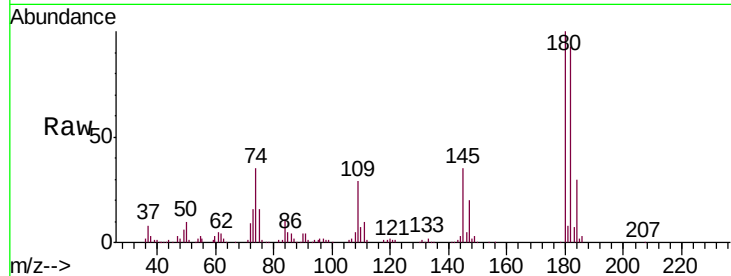




#93
 1,2,4-Trichlorobenzene
 Concen: 20.328 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

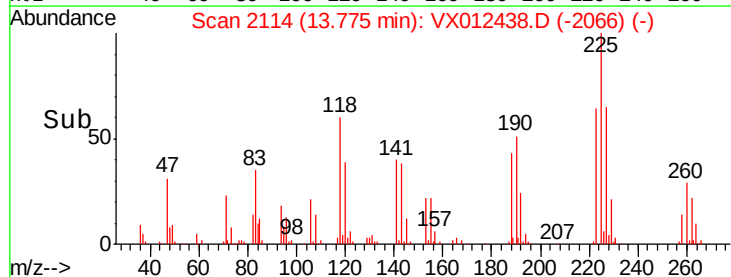
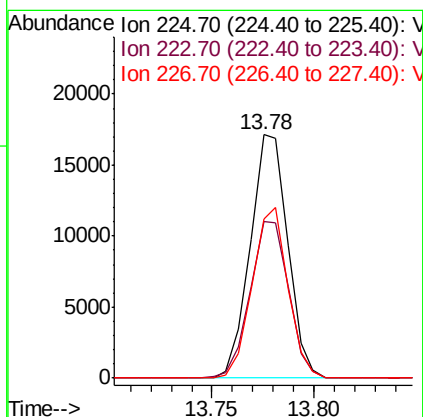
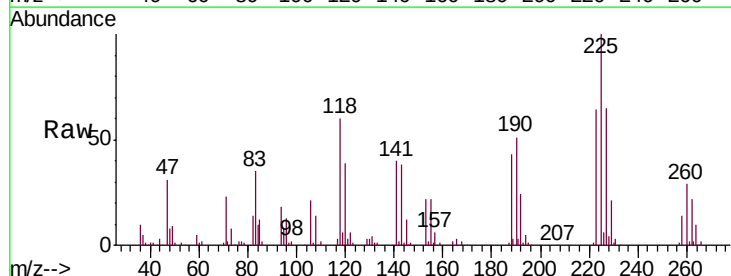
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0917WBS01

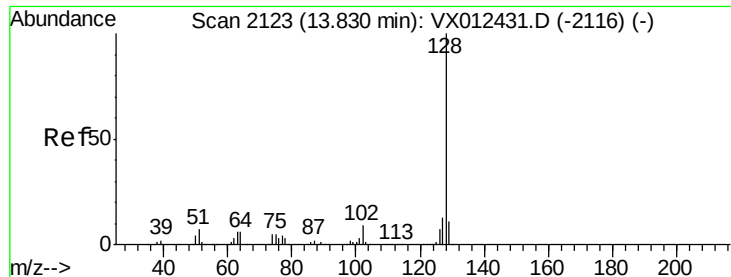
Tgt Ion:180 Resp: 48195
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.0
 145 33.3 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012438.D
 Acq: 17 Sep 2019 17:55

Tgt Ion:225 Resp: 22020
 Ion Ratio Lower Upper
 225 100
 223 66.1 32.0 96.2
 227 66.6 31.9 95.5

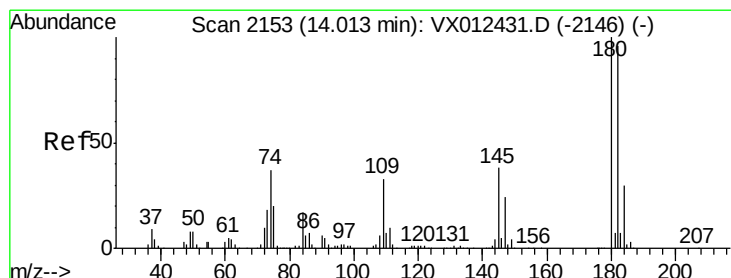
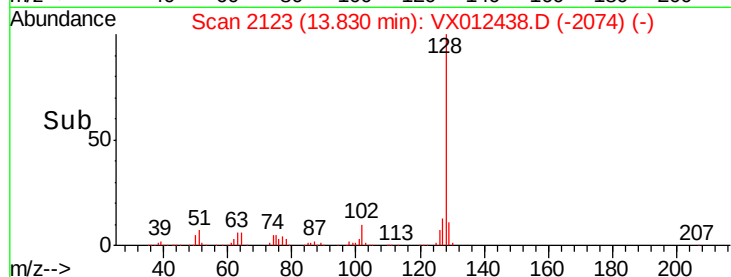
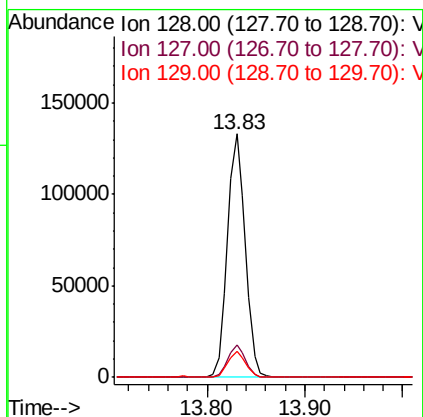
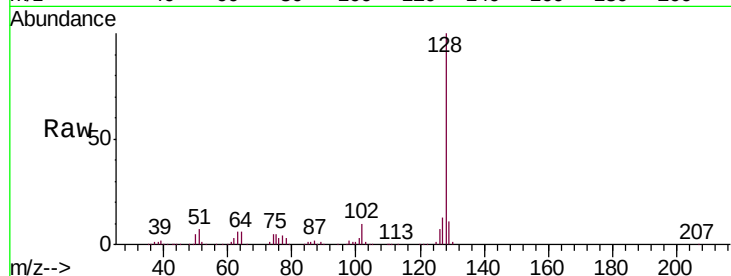




#95
Naphthalene
Concen: 19.935 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBS01

Tgt Ion:128 Resp: 168172
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.349 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012438.D
Acq: 17 Sep 2019 17:55

Tgt Ion:180 Resp: 49164
Ion Ratio Lower Upper
180 100
182 96.9 47.1 141.3
145 36.7 18.0 54.0

