

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012217.D
 Acq On : 08 Sep 2019 12:28
 Operator : SY/SP
 Sample : VX0908SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Quant Time: Sep 09 01:48:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	121387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	220947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	82752	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.48	113	64335	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	8.71	98	236529	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	11.14	95	105350	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	19818	17.704	ug/l	95
3) Chloromethane	1.31	50	19069	16.634	ug/l	99
4) Vinyl Chloride	1.39	62	18251	16.922	ug/l	99
5) Bromomethane	1.62	94	9525	17.802	ug/l	97
6) Chloroethane	1.70	64	11767	17.549	ug/l	97
7) Trichlorofluoromethane	1.91	101	30400	18.147	ug/l	96
8) Diethyl Ether	2.17	74	11120	19.208	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22066	17.784	ug/l #	85
10) Methyl Iodide	2.50	142	10509	14.184	ug/l	91
11) Tert butyl alcohol	3.04	59	16475	102.409	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	19769	16.539	ug/l	89
13) Acrolein	2.28	56	5336	113.807	ug/l	98
14) Allyl chloride	2.72	41	38861	17.968	ug/l	98
15) Acrylonitrile	3.12	53	36482	100.286	ug/l	98
16) Acetone	2.43	43	39645	99.029	ug/l	100
17) Carbon Disulfide	2.55	76	40281	11.531	ug/l	100
18) Methyl Acetate	2.76	43	17983	19.068	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	77156	19.827	ug/l	97
20) Methylene Chloride	2.84	84	26969	16.776	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	22671	16.163	ug/l	91
22) Diisopropyl ether	3.84	45	86802	19.690	ug/l	95
23) Vinyl Acetate	3.80	43	282506	99.064	ug/l	97
24) 1,1-Dichloroethane	3.68	63	47021	18.391	ug/l	98
25) 2-Butanone	4.65	43	52396	102.818	ug/l	96
26) 2,2-Dichloropropane	4.57	77	42353	17.942	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	29242	17.785	ug/l	92
28) Bromochloromethane	5.00	49	20950	20.527	ug/l #	80
29) Tetrahydrofuran	5.11	42	31339	102.070	ug/l	98
30) Chloroform	5.19	83	52423	19.108	ug/l	96
31) Cyclohexane	5.56	56	32622	15.887	ug/l	89
32) 1,1,1-Trichloroethane	5.48	97	44284	18.534	ug/l	95
36) 1,1-Dichloropropene	5.78	75	32816	16.863	ug/l	95
37) Ethyl Acetate	4.82	43	22483	21.246	ug/l	99
38) Carbon Tetrachloride	5.77	117	36522	17.811	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	34700	15.364	ug/l	93
40) Benzene	6.13	78	99225	17.761	ug/l	97
41) Methacrylonitrile	5.03	41	14017	22.212	ug/l	94
42) 1,2-Dichloroethane	6.18	62	40556	20.173	ug/l	97
43) Isopropyl Acetate	6.43	43	44993	20.911	ug/l	97
44) Trichloroethene	7.20	130	26399	17.520	ug/l	83
45) 1,2-Dichloropropane	7.50	63	27092	18.770	ug/l	97
46) Dibromomethane	7.65	93	15524	18.424	ug/l #	75
47) Bromodichloromethane	7.89	83	39611	18.495	ug/l #	98
48) Methyl methacrylate	7.76	41	21647	20.009	ug/l	94
49) 1,4-Dioxane	7.73	88	5512	373.734	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	115406	105.448	ug/l	97
52) Toluene	8.78	92	65745	18.087	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	39685	17.898	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43523	17.651	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	23445	19.463	ug/l	98
56) Ethyl methacrylate	9.17	69	33165	19.221	ug/l	94
57) 1,3-Dichloropropane	9.37	76	40183	19.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	81041	104.179	ug/l	93
59) 2-Hexanone	9.49	43	83132	104.100	ug/l	97
60) Dibromochloromethane	9.58	129	26851	18.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	22504	19.333	ug/l	97
64) Tetrachloroethene	9.33	164	22992	18.160	ug/l #	87
65) Chlorobenzene	10.14	112	72434	18.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	28126	19.197	ug/l	96
67) Ethyl Benzene	10.25	91	131345	17.983	ug/l	94
68) m/p-Xylenes	10.35	106	95838	35.614	ug/l	90
69) o-Xylene	10.70	106	47398	18.164	ug/l	89
70) Styrene	10.71	104	83880	18.507	ug/l	95
71) Bromoform	10.85	173	14500	18.019	ug/l #	98
73) Isopropylbenzene	11.01	105	130514	17.704	ug/l	97
74) N-amyl acetate	10.89	43	40741	18.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	29813	19.398	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	32878	26.781	ug/l	76
77) Bromobenzene	11.25	156	31196	18.921	ug/l	72
78) n-propylbenzene	11.35	91	155743	17.487	ug/l	94
79) 2-Chlorotoluene	11.42	91	97014	17.980	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	117233	18.146	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	8537	16.440	ug/l	86
82) 4-Chlorotoluene	11.51	91	117926	18.336	ug/l	92
83) tert-Butylbenzene	11.76	119	111305	18.076	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	118653	17.869	ug/l	96
85) sec-Butylbenzene	11.94	105	133035	17.394	ug/l	95
86) p-Isopropyltoluene	12.06	119	121383	17.451	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	60899	18.433	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	61586	18.643	ug/l	94
89) n-Butylbenzene	12.39	91	118010	17.465	ug/l	95
90) Hexachloroethane	12.59	117	22420	16.143	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	58035	19.504	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6334	19.695	ug/l	62

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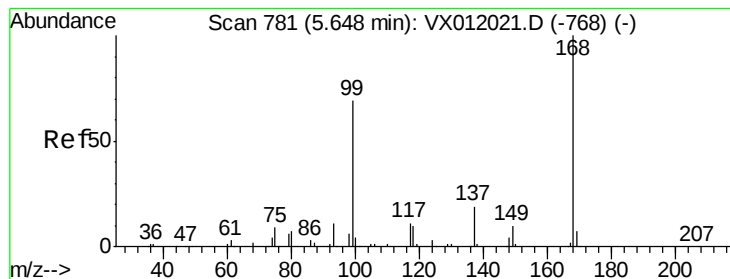
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Quant Time: Sep 09 01:48:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39085	18.455	ug/l	94
94) Hexachlorobutadiene	13.78	225	19194	17.979	ug/l	96
95) Naphthalene	13.83	128	100390	21.902	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	35580	19.096	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

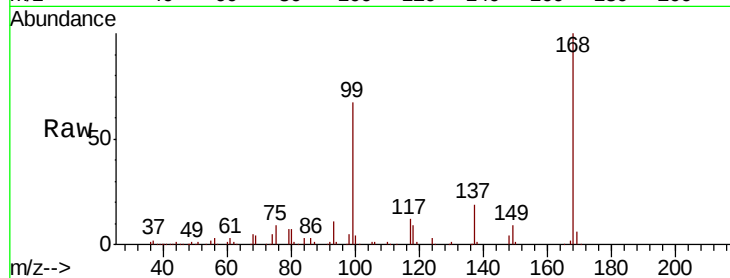
VX0908SBS02

Tgt Ion:168 Resp: 121387

Ion Ratio Lower Upper

168 100

99 66.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

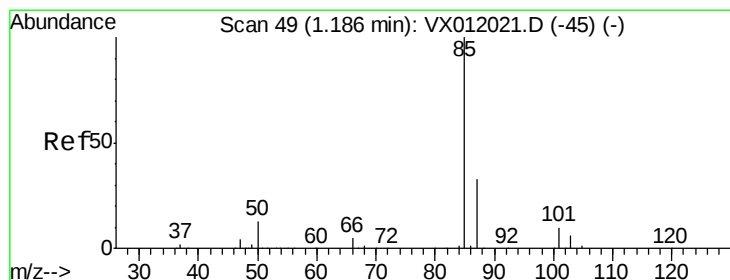
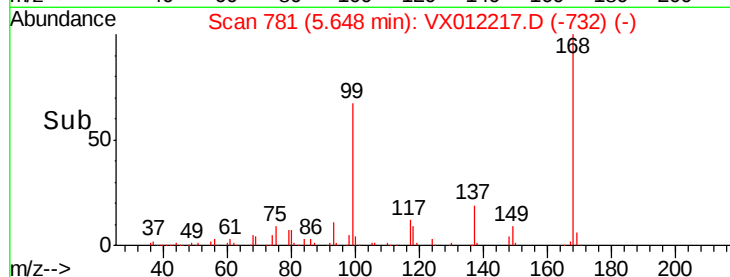
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 17.704 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012217.D

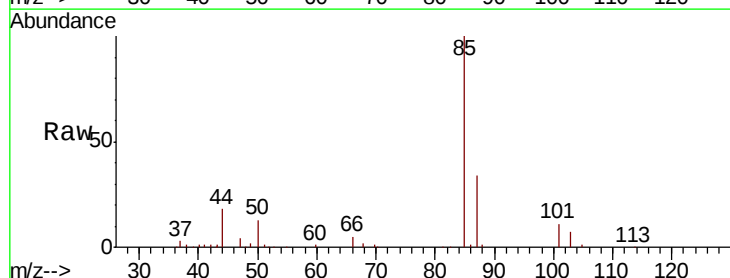
Acq: 08 Sep 2019 12:28

Tgt Ion: 85 Resp: 19818

Ion Ratio Lower Upper

85 100

87 33.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

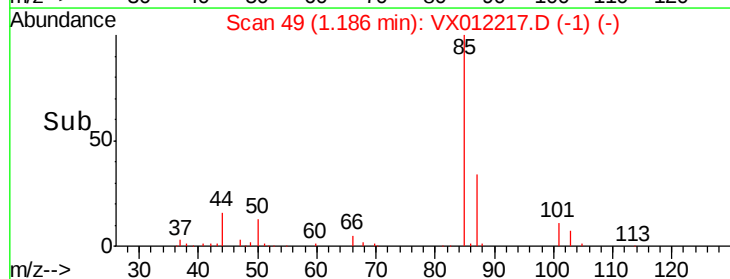
15000

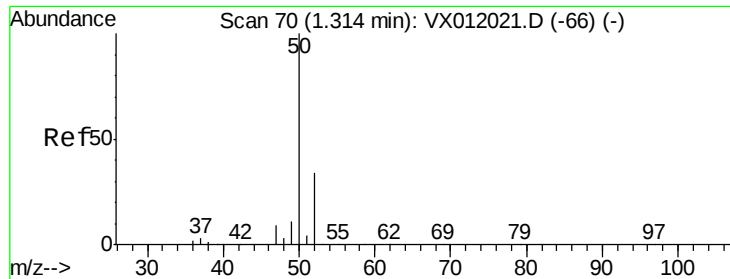
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.634 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

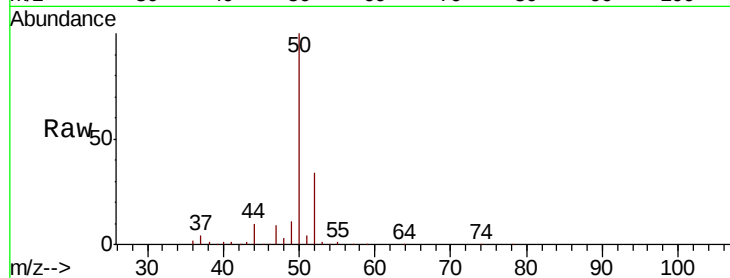
VX0908SBS02

Tgt Ion: 50 Resp: 19069

Ion Ratio Lower Upper

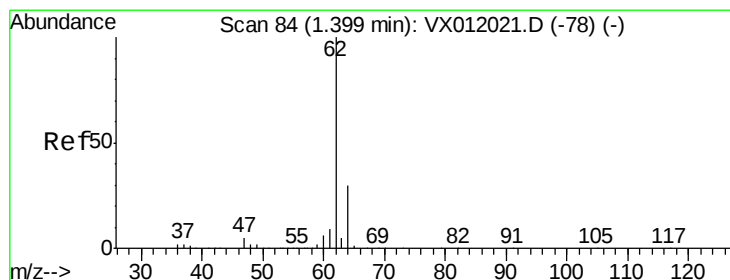
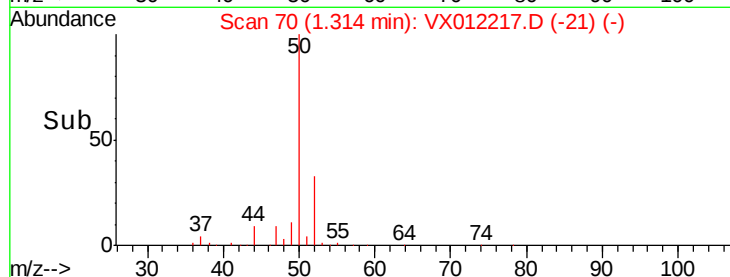
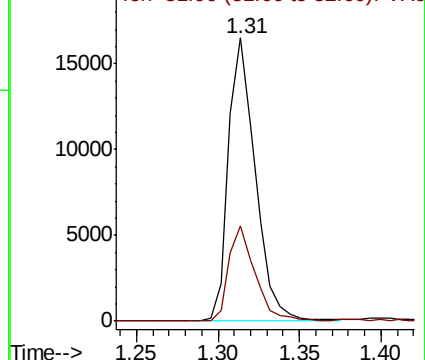
50 100

52 33.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.922 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012217.D

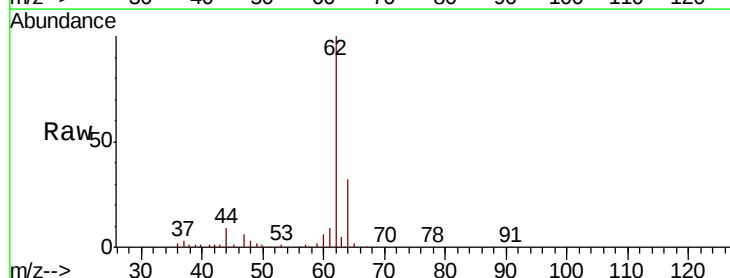
Acq: 08 Sep 2019 12:28

Tgt Ion: 62 Resp: 18251

Ion Ratio Lower Upper

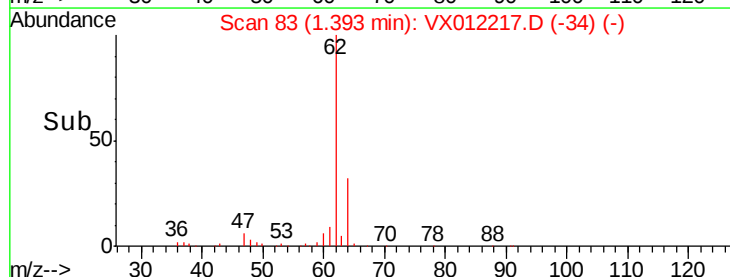
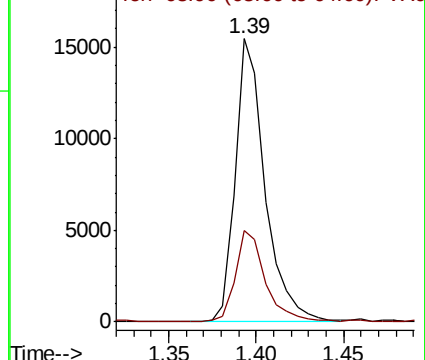
62 100

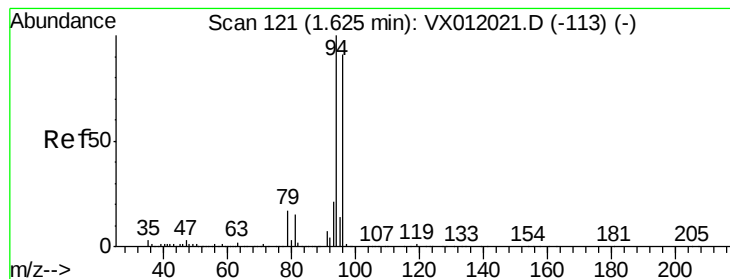
64 32.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.802 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

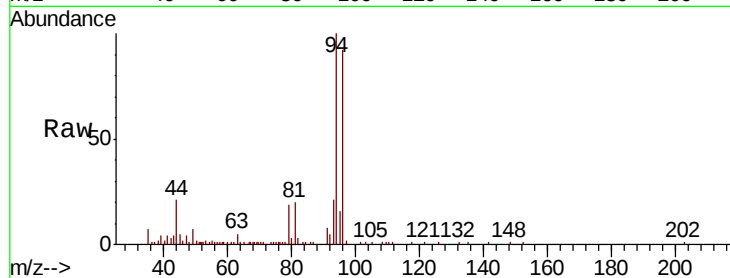
VX0908SBS02

Tgt Ion: 94 Resp: 9525

Ion Ratio Lower Upper

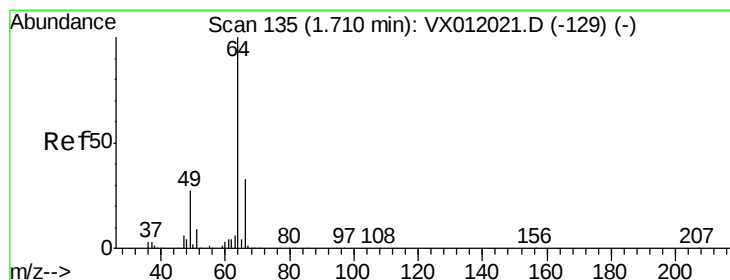
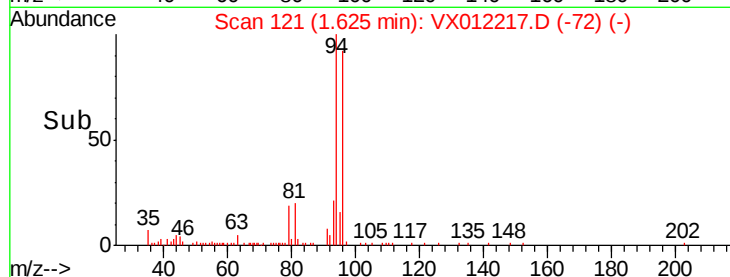
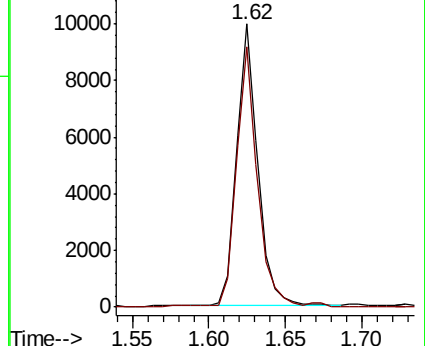
94 100

96 92.2 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.549 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012217.D

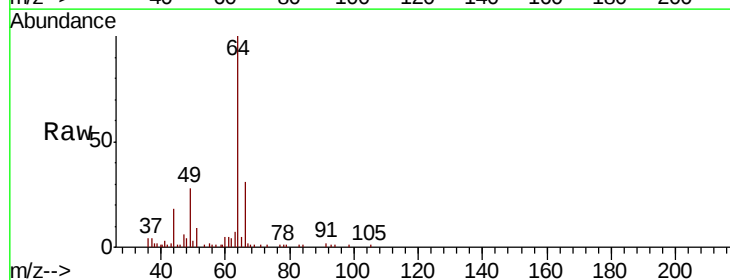
Acq: 08 Sep 2019 12:28

Tgt Ion: 64 Resp: 11767

Ion Ratio Lower Upper

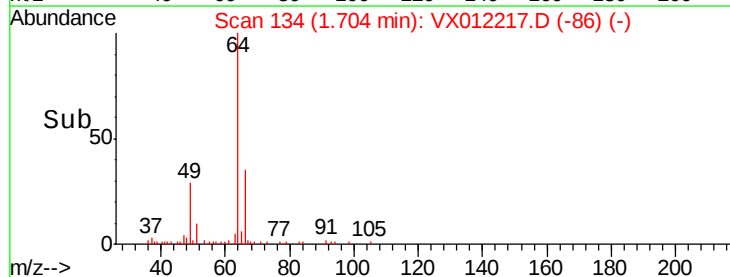
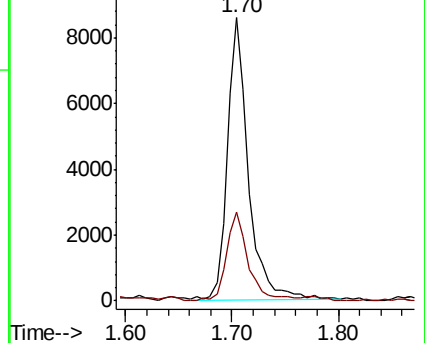
64 100

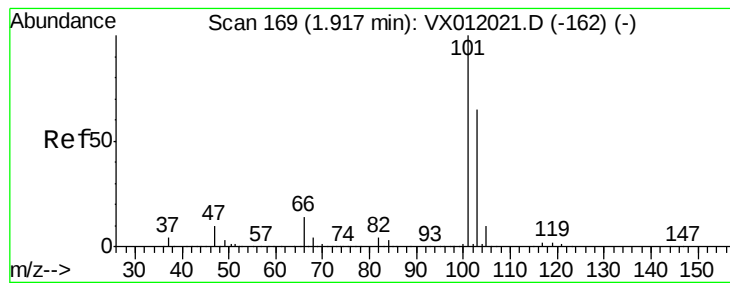
66 31.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



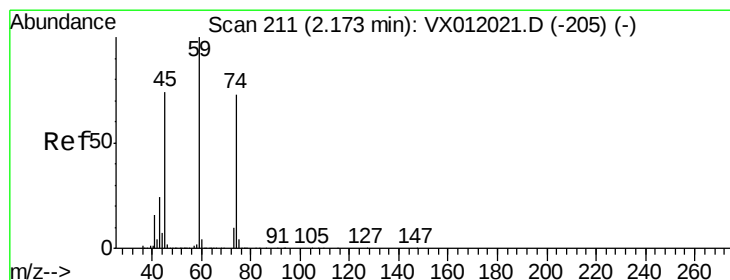
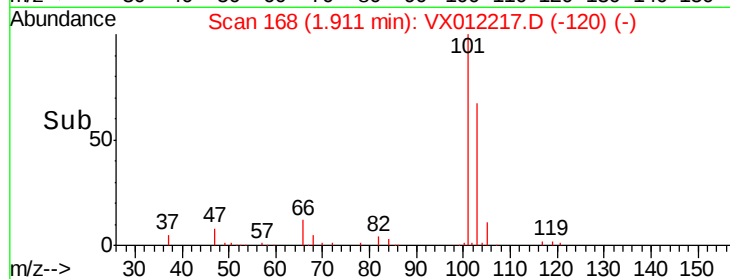
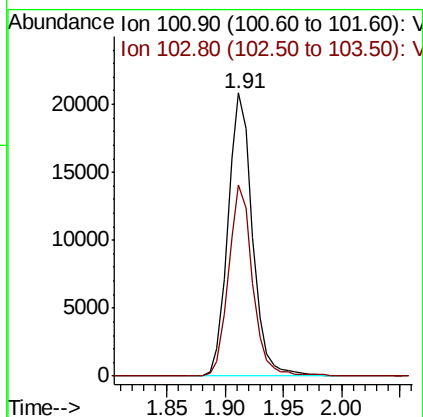
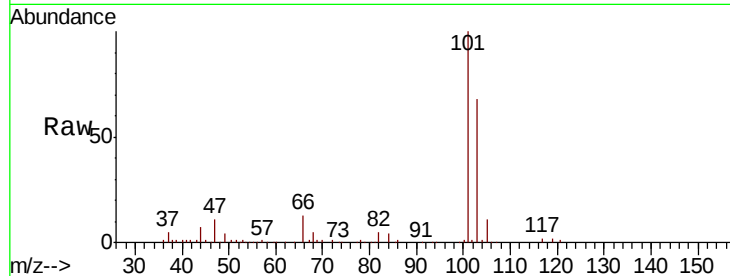


#7

Trichlorofluoromethane
 Concen: 18.147 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

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 VX0908SBS02

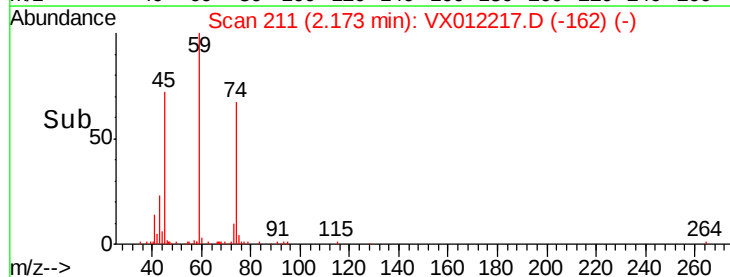
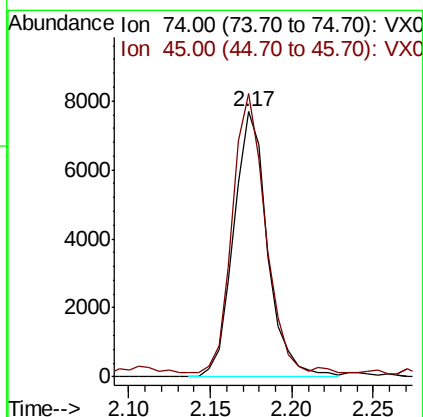
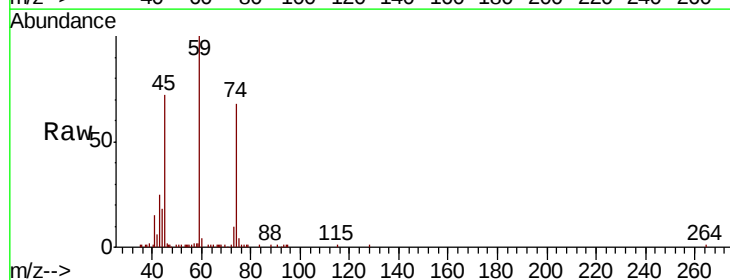
Tgt Ion:101 Resp: 30400
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.6 77.4

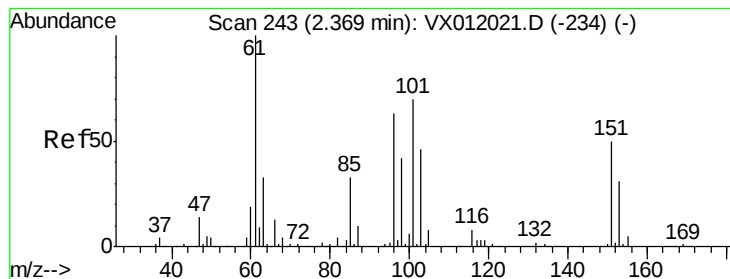


#8

Diethyl Ether
 Concen: 19.208 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 74 Resp: 11120
 Ion Ratio Lower Upper
 74 100
 45 101.8 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.784 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

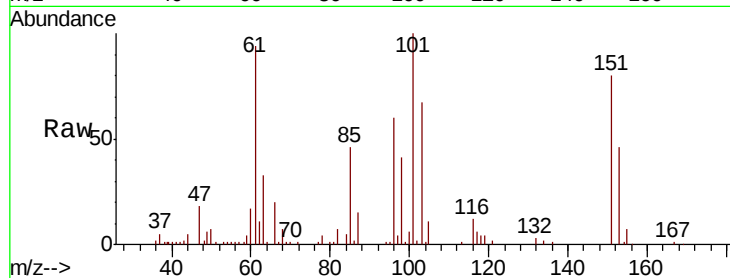
Tgt Ion:101 Resp: 22066

Ion Ratio Lower Upper

101 100

85 46.3 34.5 51.7

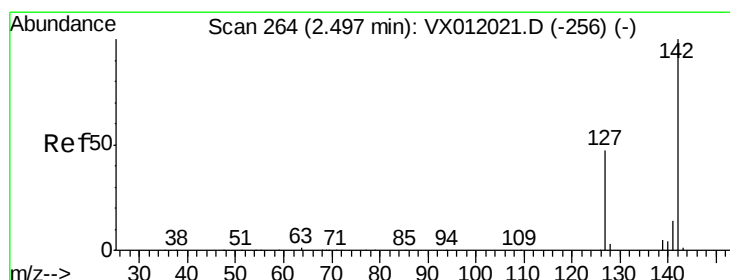
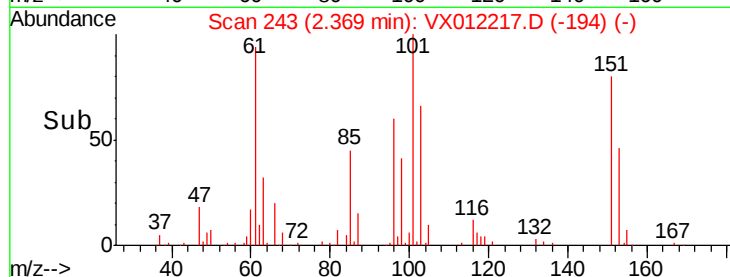
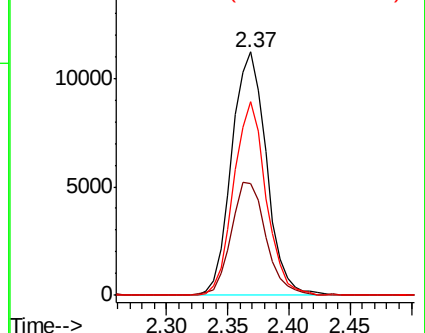
151 74.3 75.0 112.4#



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: 14.184 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

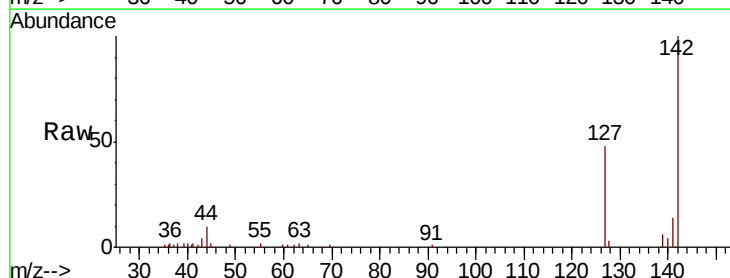
Tgt Ion:142 Resp: 10509

Ion Ratio Lower Upper

142 100

127 52.0 35.4 53.2

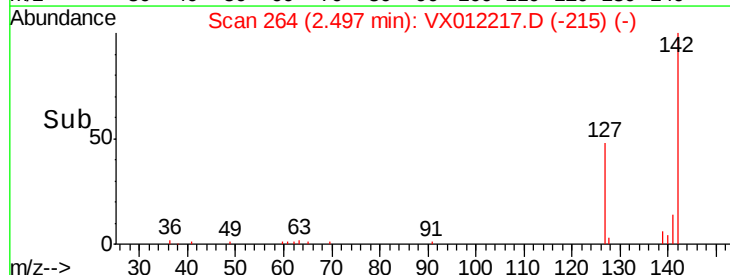
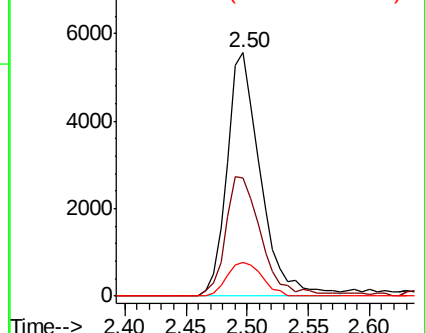
141 14.4 11.4 17.2

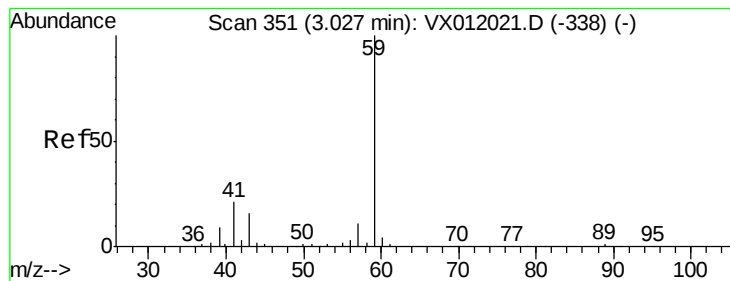


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



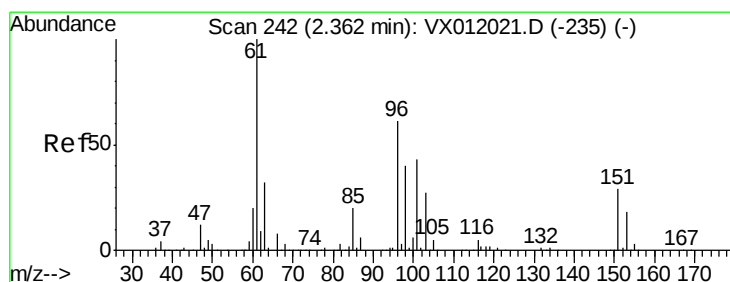
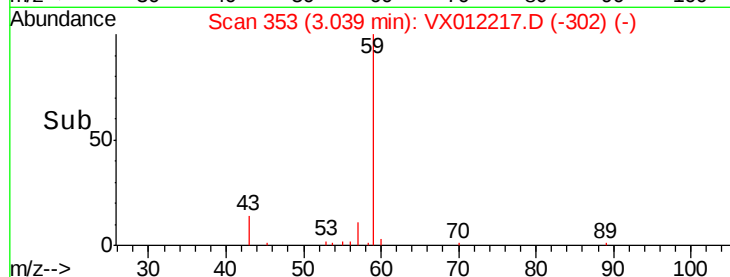
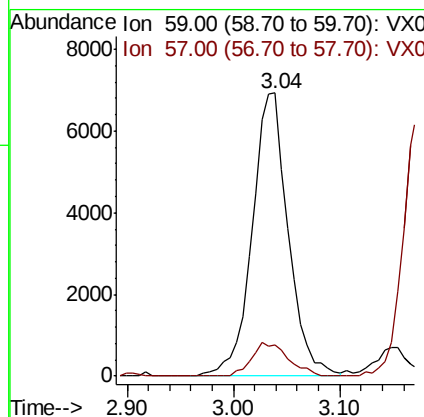
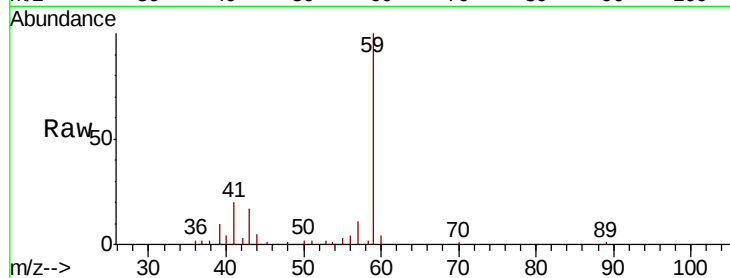


#11

Tert butyl alcohol
 Concen: 102.409 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

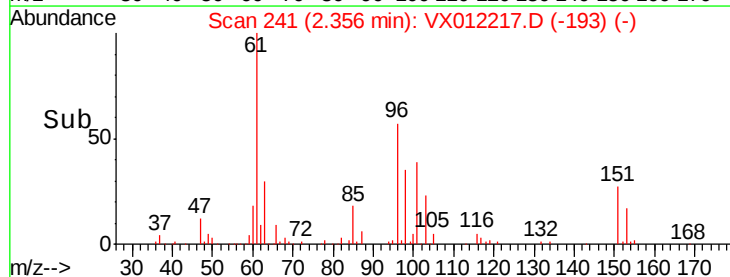
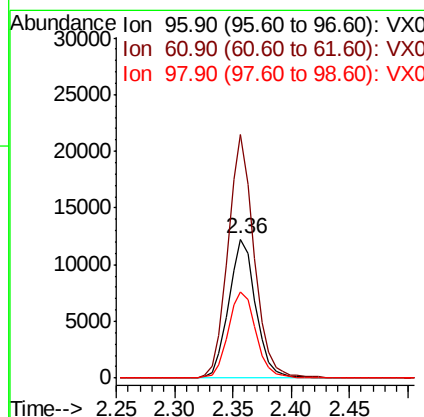
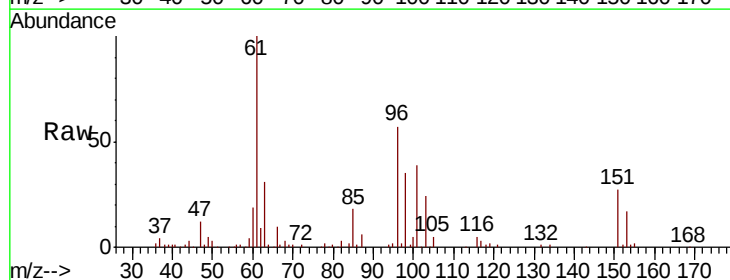
Tgt Ion: 59 Resp: 16475
 Ion Ratio Lower Upper
 59 100
 57 11.9 7.9 11.9#

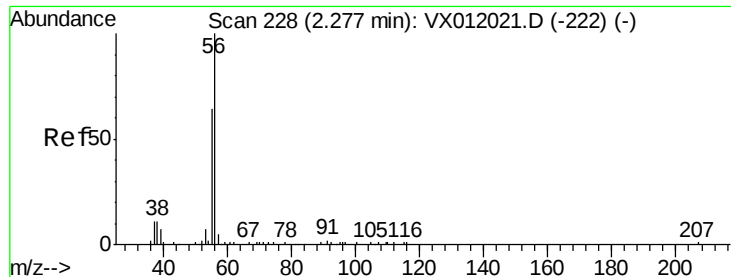


#12

1,1-Dichloroethene
 Concen: 16.539 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 96 Resp: 19769
 Ion Ratio Lower Upper
 96 100
 61 174.8 124.1 186.1
 98 62.0 50.2 75.2

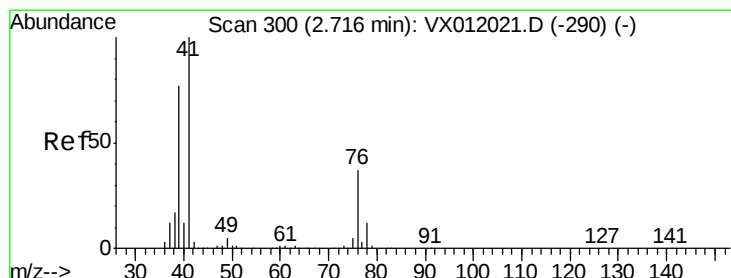
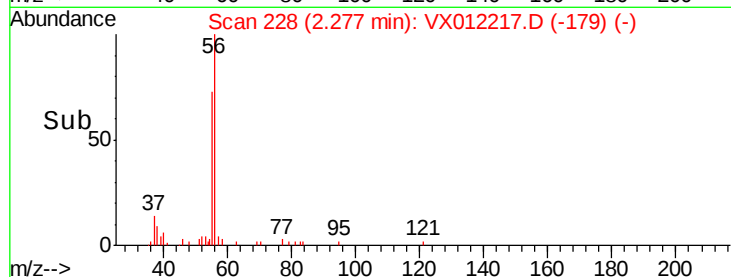
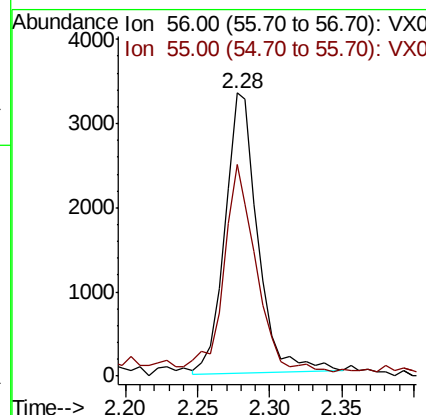
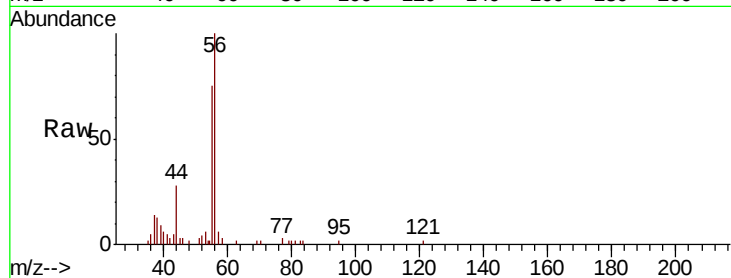




#13
Acrolein
Concen: 113.807 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

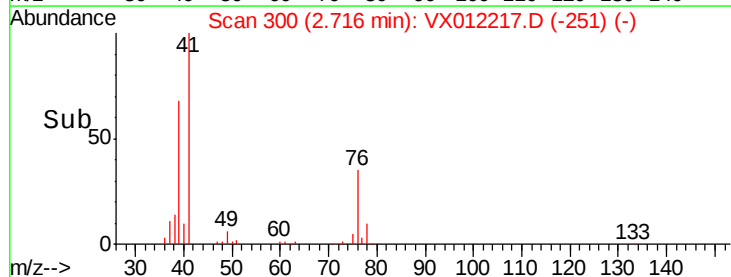
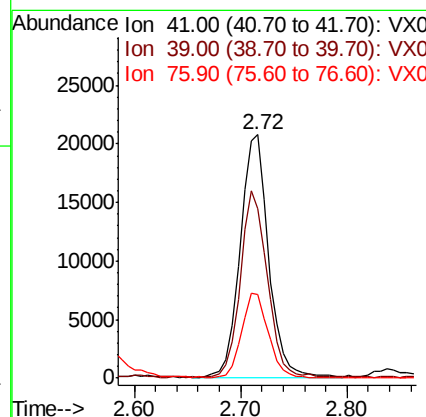
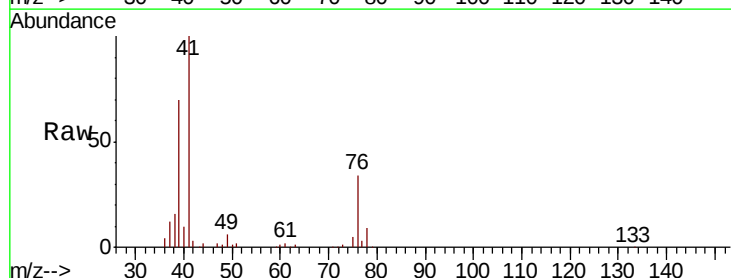
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

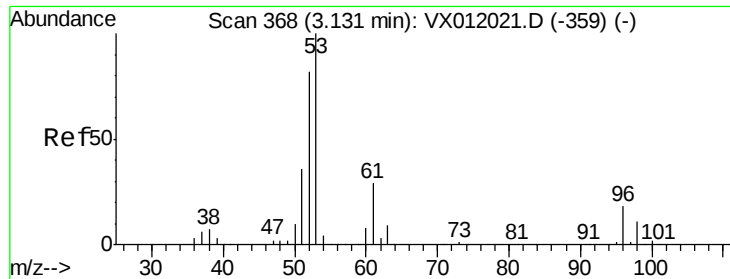
Tgt Ion: 56 Resp: 5336
Ion Ratio Lower Upper
56 100
55 72.6 59.2 88.8



#14
Allyl chloride
Concen: 17.968 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 41 Resp: 38861
Ion Ratio Lower Upper
41 100
39 73.1 57.9 86.9
76 33.1 28.5 42.7





#15

Acrylonitrile

Concen: 100.286 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

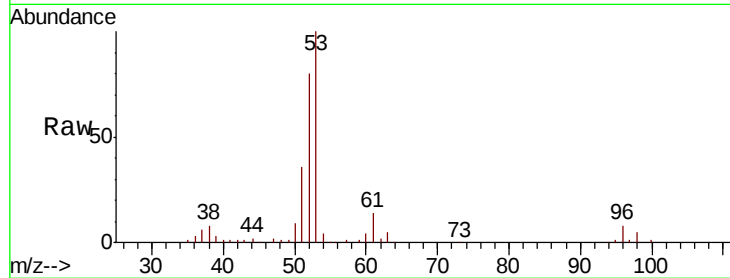
Tgt Ion: 53 Resp: 36482

Ion Ratio Lower Upper

53 100

52 83.1 65.6 98.4

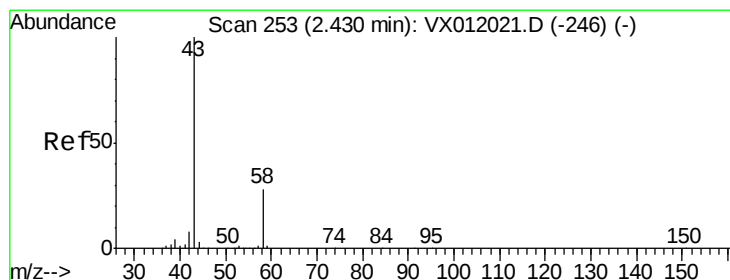
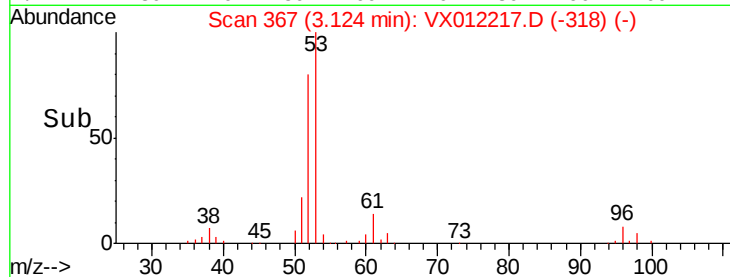
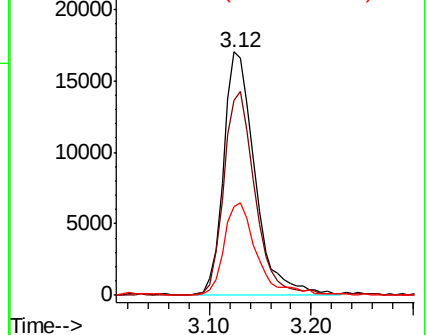
51 40.2 29.8 44.6



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: 99.029 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012217.D

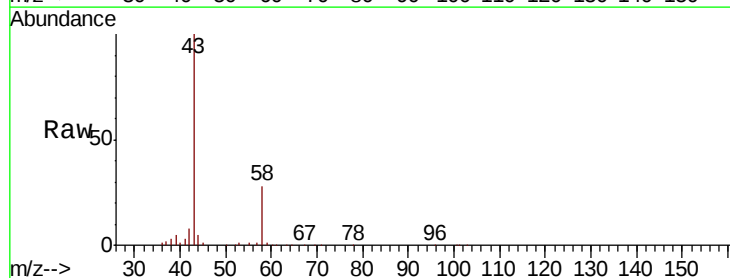
Acq: 08 Sep 2019 12:28

Tgt Ion: 43 Resp: 39645

Ion Ratio Lower Upper

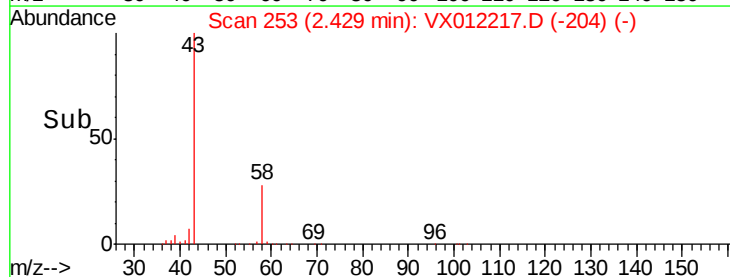
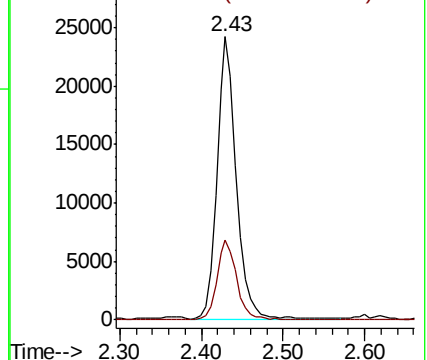
43 100

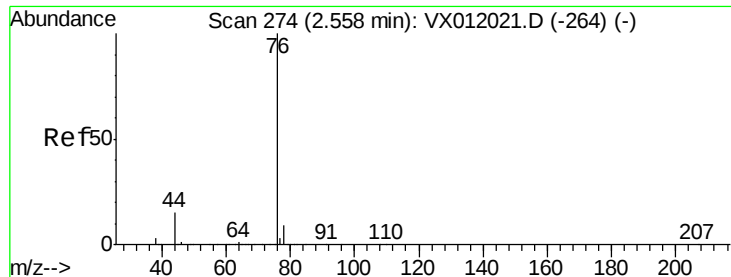
58 28.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

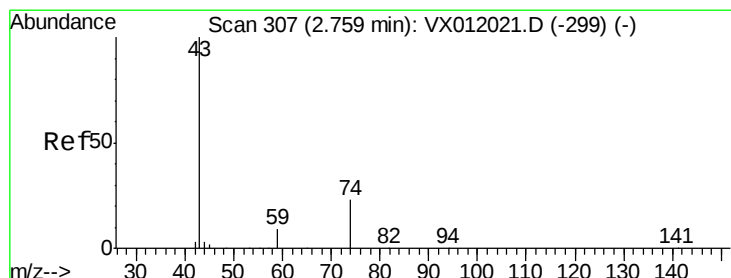
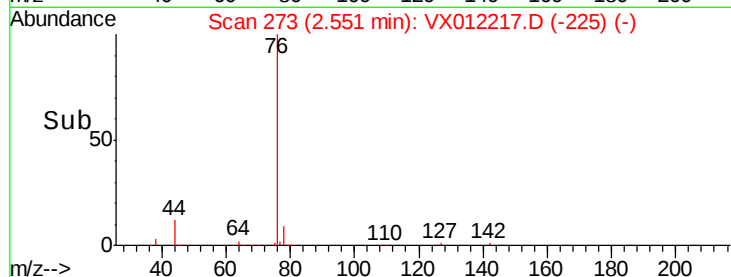
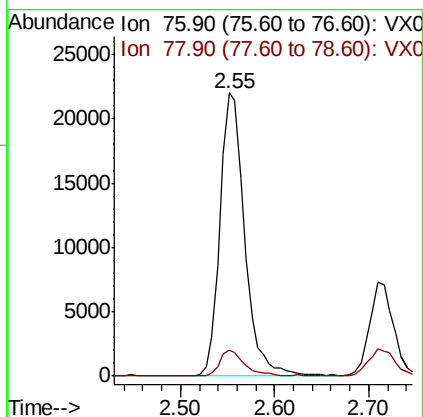
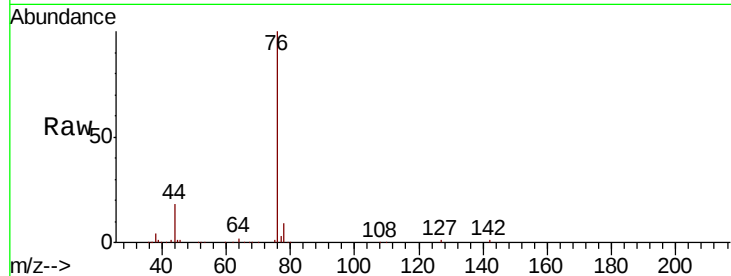




#17
Carbon Disulfide
Concen: 11.531 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

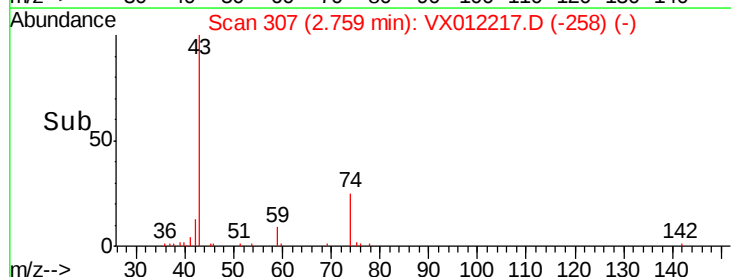
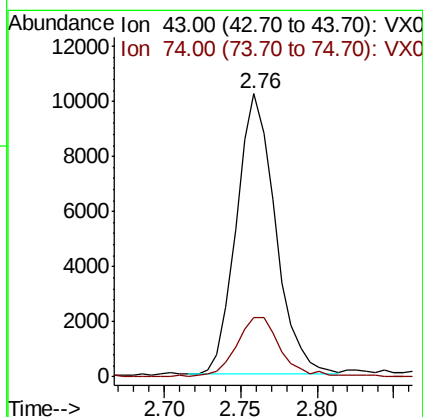
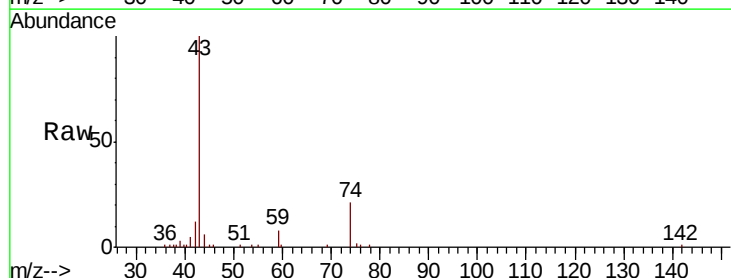
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

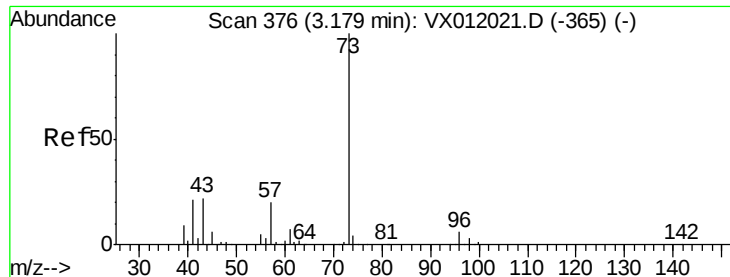
Tgt Ion: 76 Resp: 40281
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.068 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 43 Resp: 17983
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

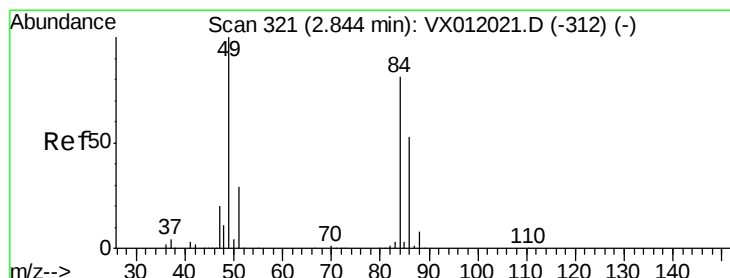
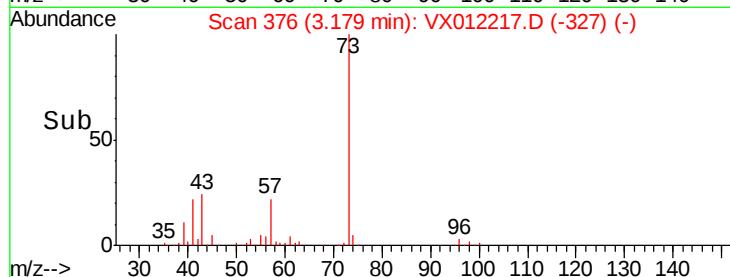
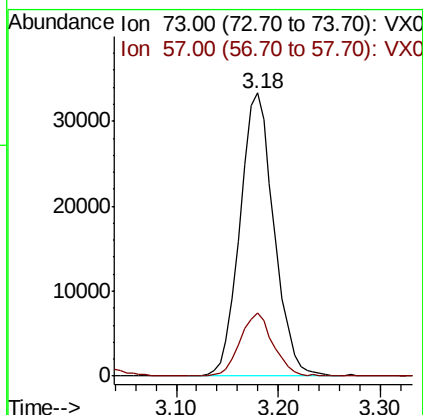
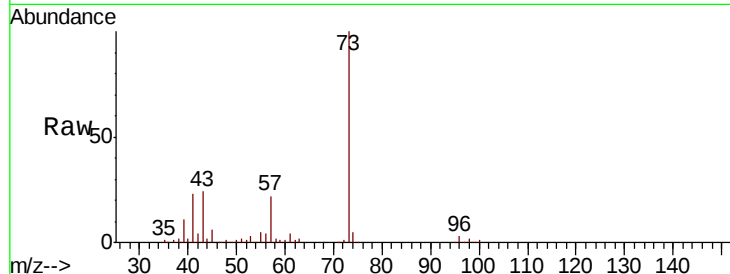




#19
Methyl tert-butyl Ether
Concen: 19.827 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

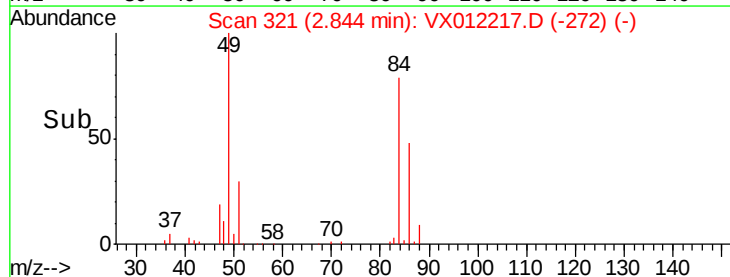
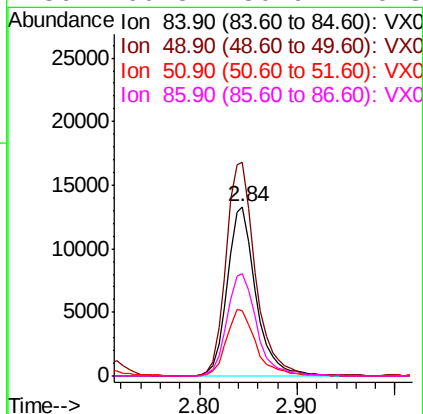
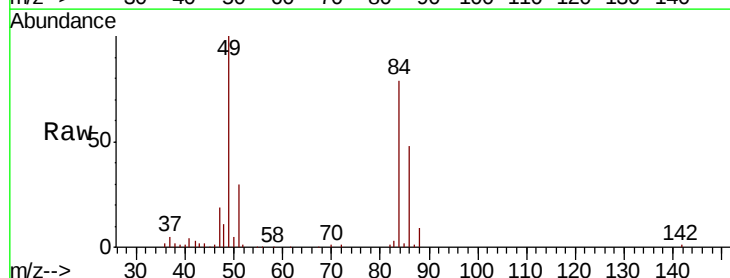
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

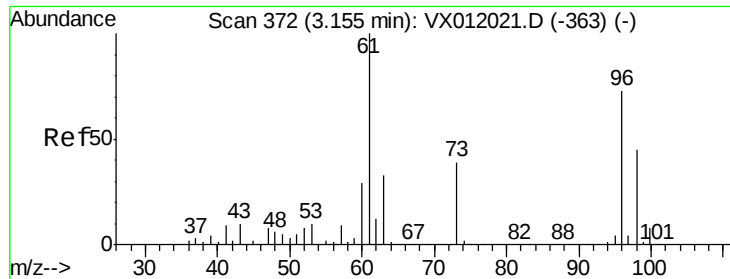
Tgt Ion: 73 Resp: 77156
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0



#20
Methylene Chloride
Concen: 16.776 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 84 Resp: 26969
Ion Ratio Lower Upper
84 100
49 126.3 95.8 143.8
51 38.5 28.6 43.0
86 60.8 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 16.163 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

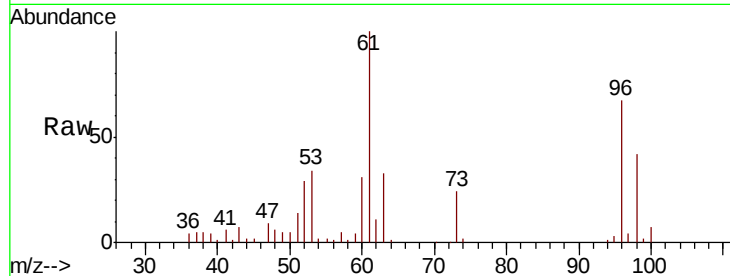
Tgt Ion: 96 Resp: 22671

Ion Ratio Lower Upper

96 100

61 149.6 107.0 160.6

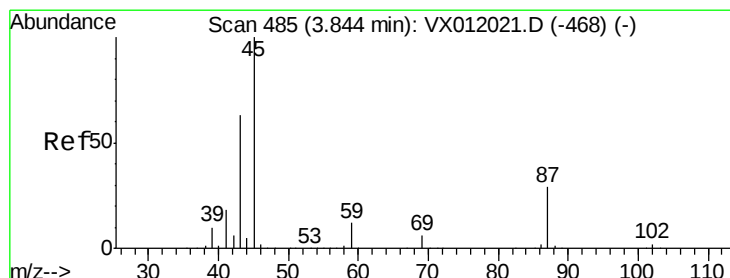
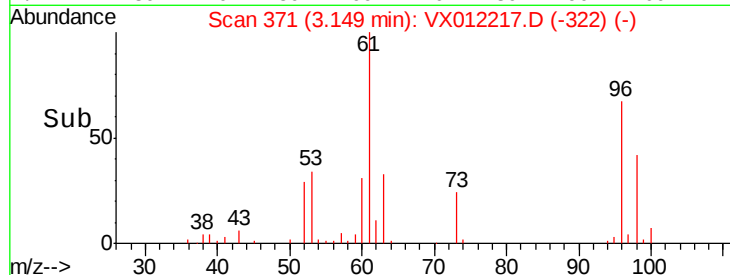
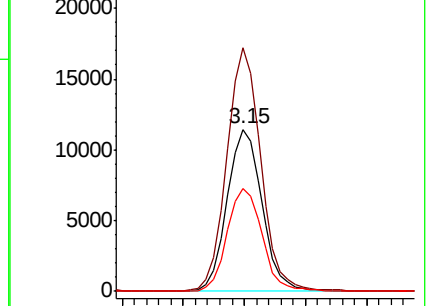
98 63.2 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.690 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Tgt Ion: 45 Resp: 86802

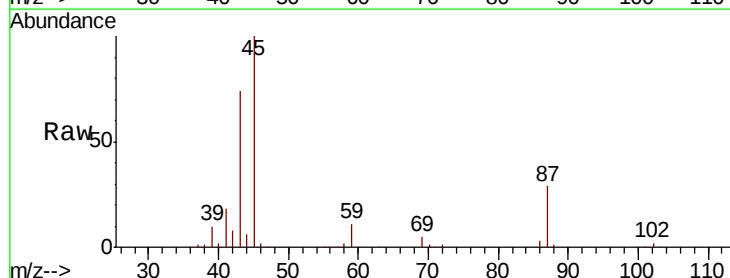
Ion Ratio Lower Upper

45 100

43 73.4 54.2 81.4

87 28.6 23.4 35.0

59 11.5 9.0 13.6

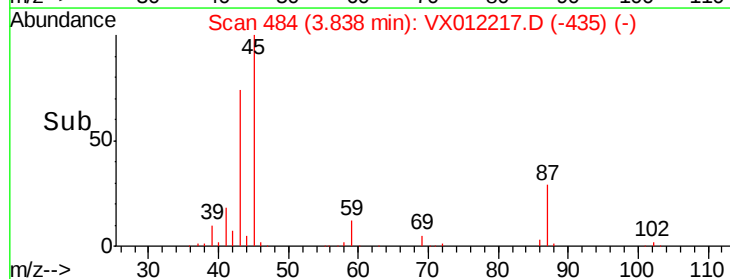
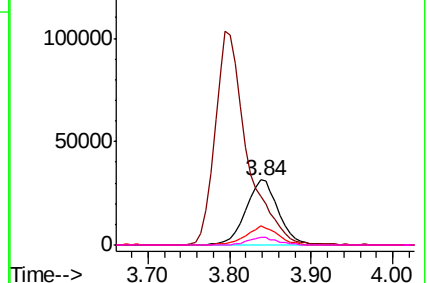


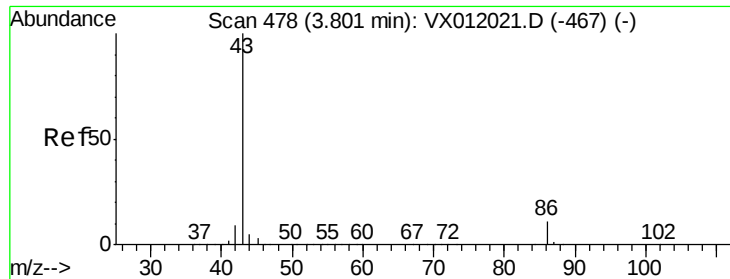
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 99.064 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

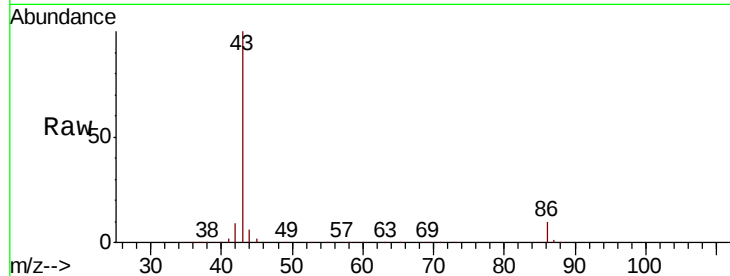
VX0908SBS02

Tgt Ion: 43 Resp: 282506

Ion Ratio Lower Upper

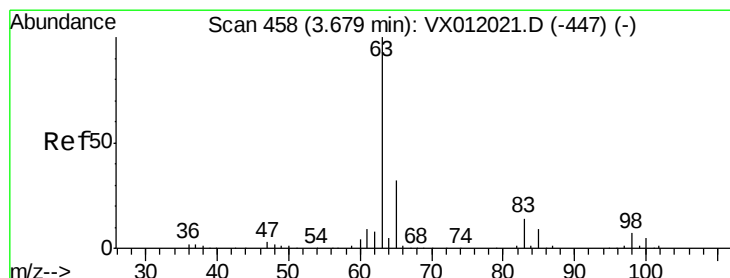
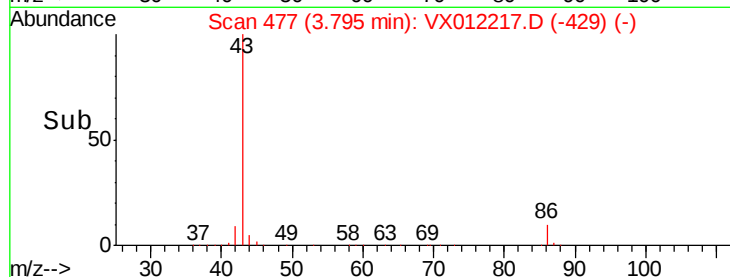
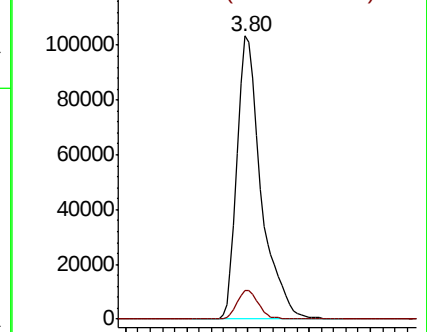
43 100

86 10.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.391 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

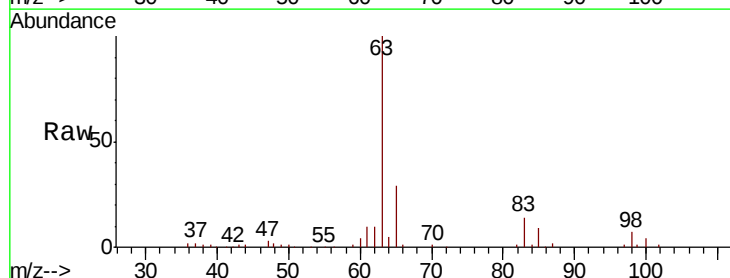
Tgt Ion: 63 Resp: 47021

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

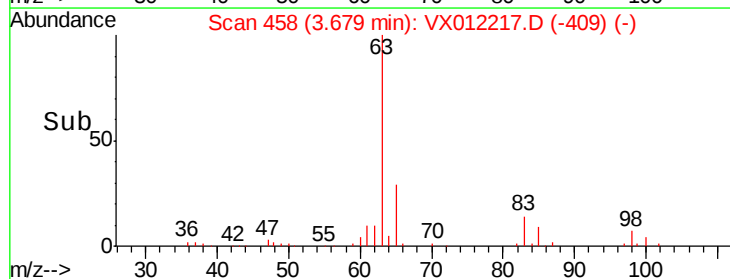
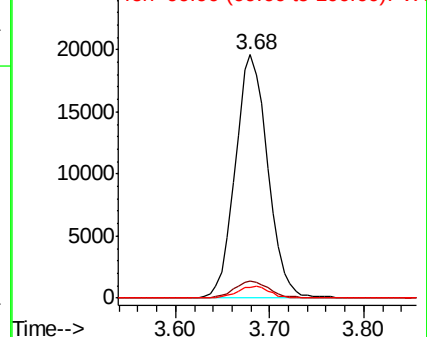
100 4.5 2.5 7.4

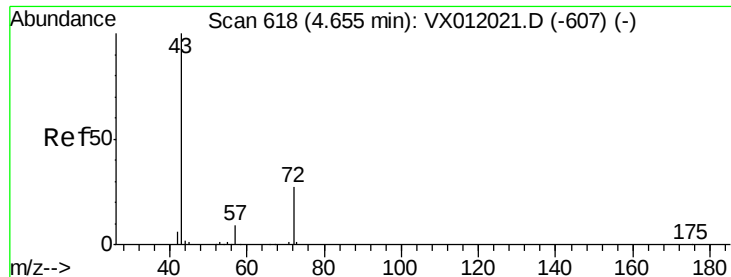


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.818 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

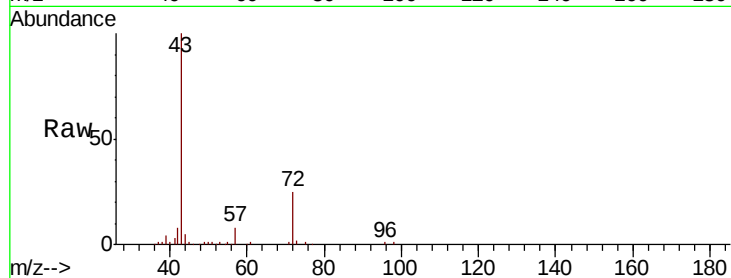
VX0908SBS02

Tgt Ion: 43 Resp: 52396

Ion Ratio Lower Upper

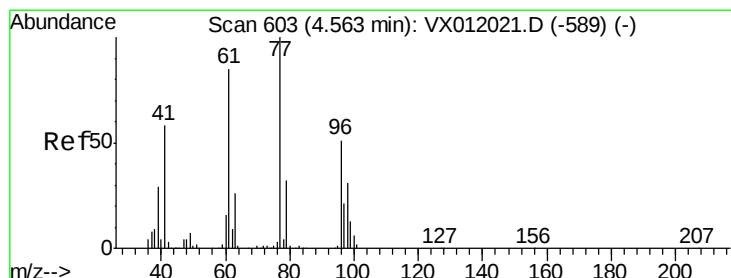
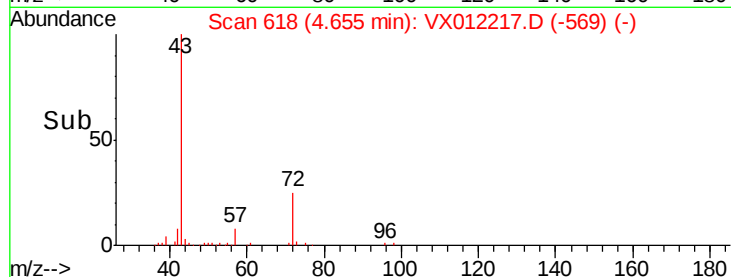
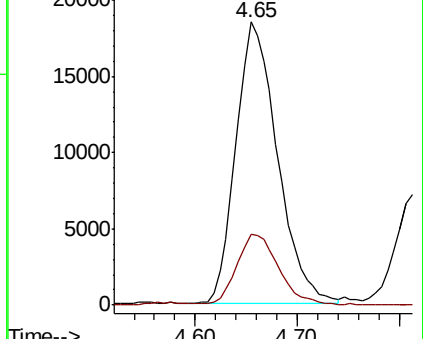
43 100

72 24.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.942 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012217.D

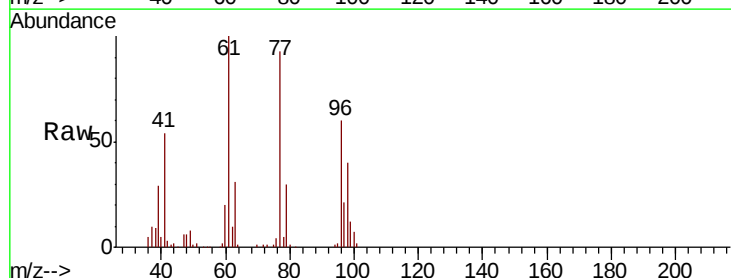
Acq: 08 Sep 2019 12:28

Tgt Ion: 77 Resp: 42353

Ion Ratio Lower Upper

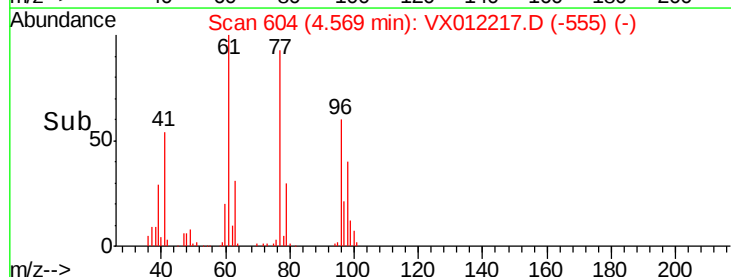
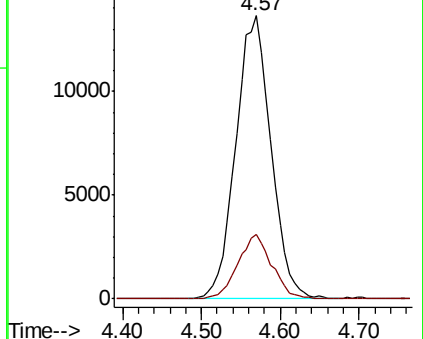
77 100

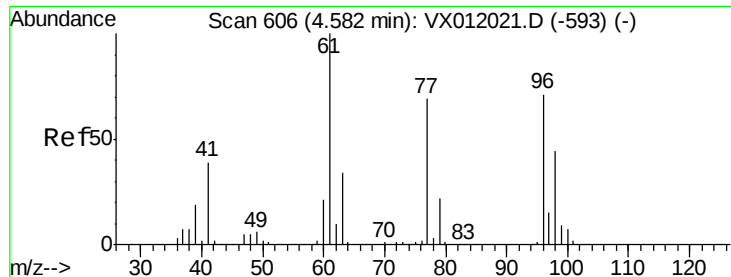
97 21.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



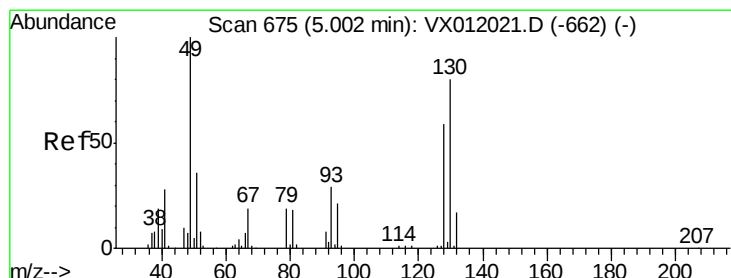
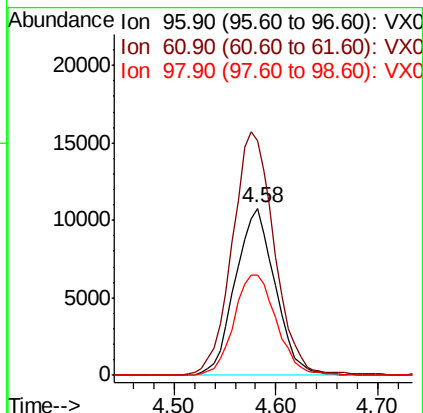
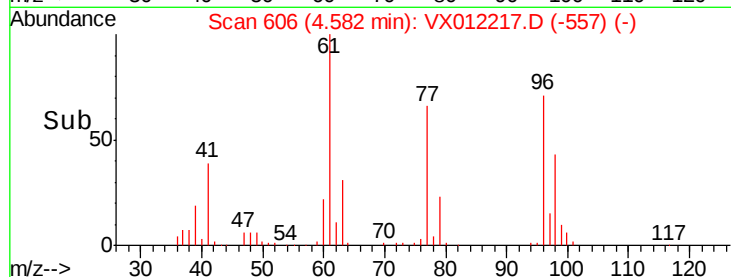
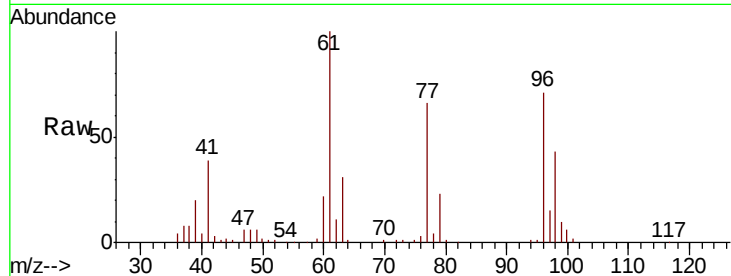


#27

cis-1,2-Dichloroethene
 Concen: 17.785 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

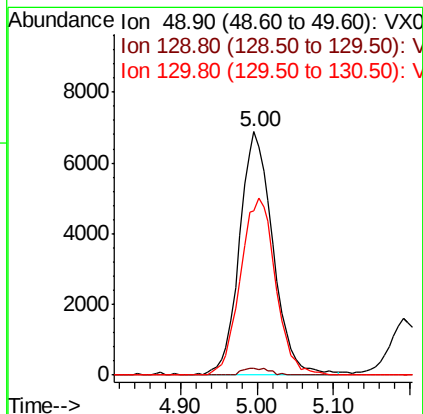
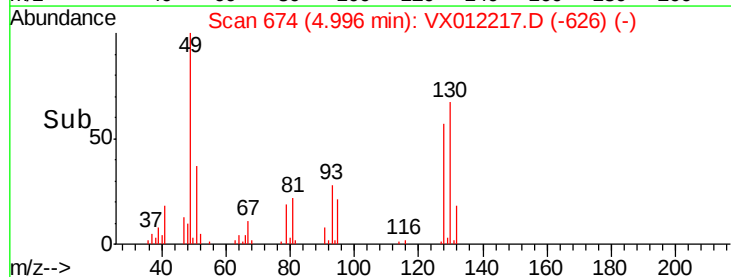
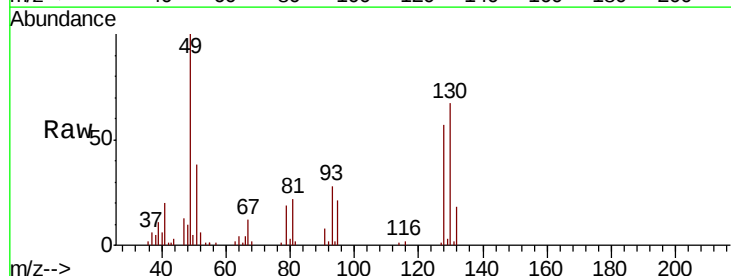
Tgt Ion: 96 Resp: 29242
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 277.0
 98 64.2 0.0 128.4

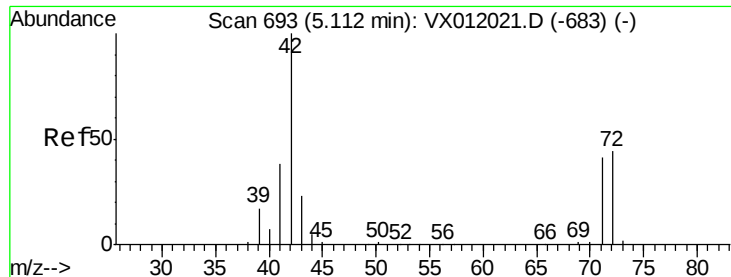


#28

Bromochloromethane
 Concen: 20.527 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 49 Resp: 20950
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.6
 130 76.3 76.7 115.1#

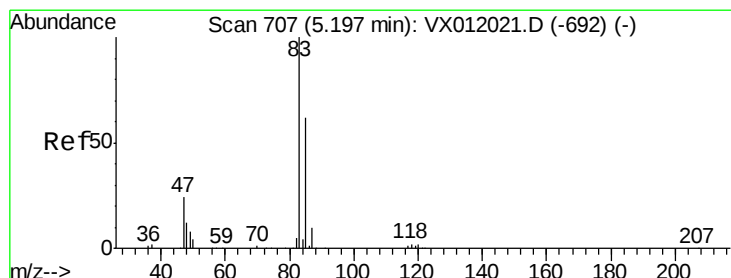
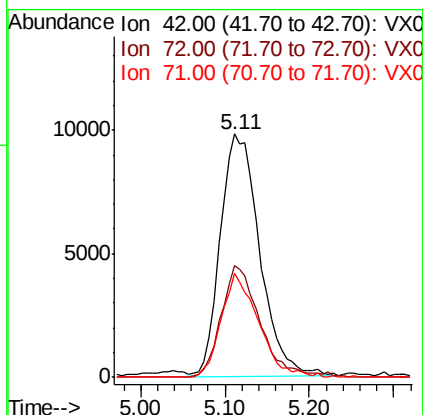
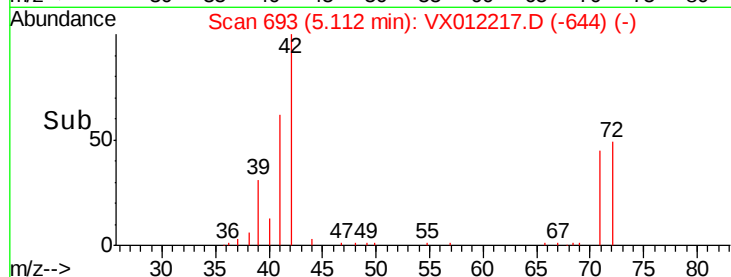
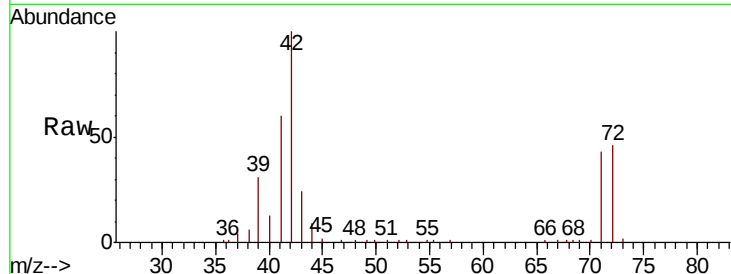




#29
Tetrahydrofuran
Concen: 102.070 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

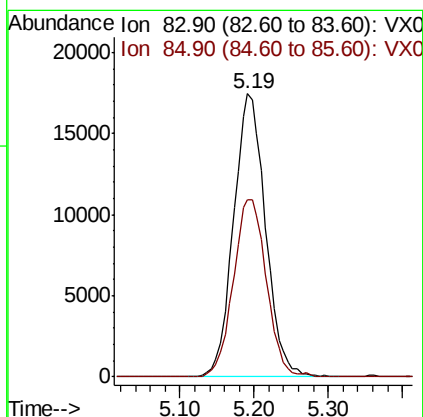
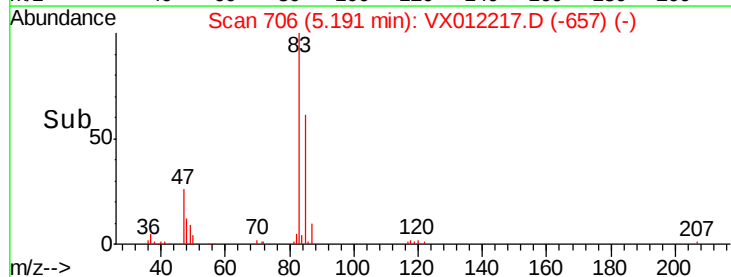
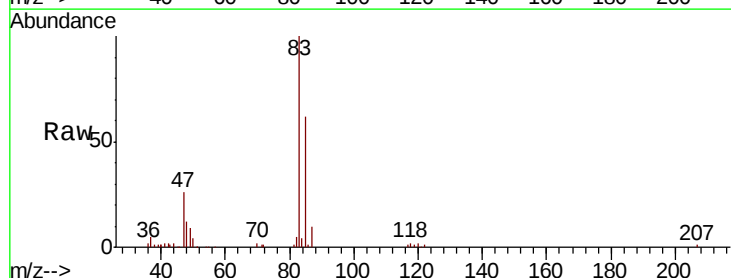
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

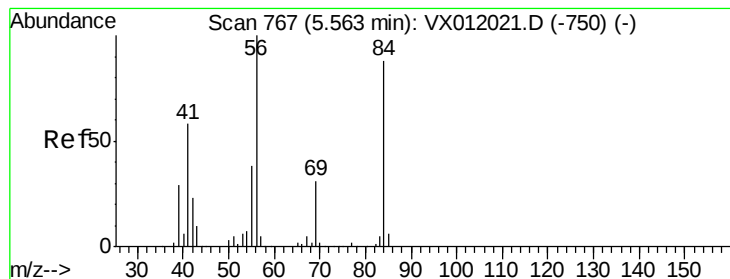
Tgt Ion: 42 Resp: 31339
Ion Ratio Lower Upper
42 100
72 45.7 37.0 55.4
71 40.5 33.8 50.8



#30
Chloroform
Concen: 19.108 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 83 Resp: 52423
Ion Ratio Lower Upper
83 100
85 62.4 52.6 78.8





#31

Cyclohexane

Concen: 15.887 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

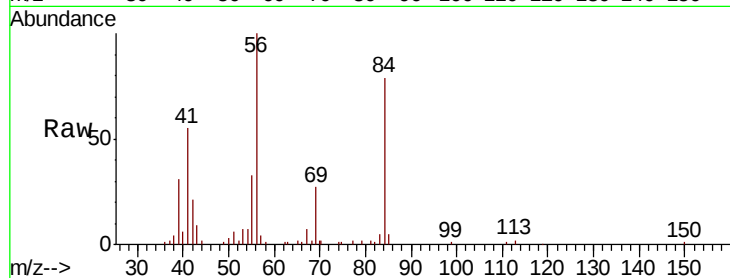
Tgt Ion: 56 Resp: 32622

Ion Ratio Lower Upper

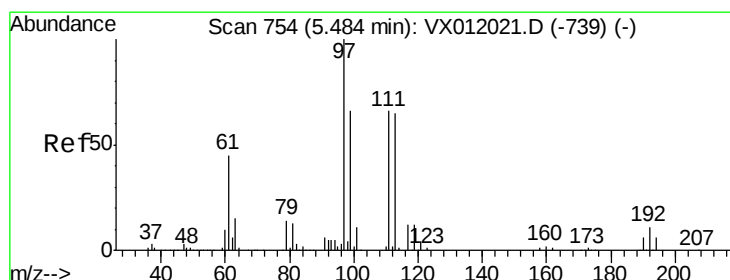
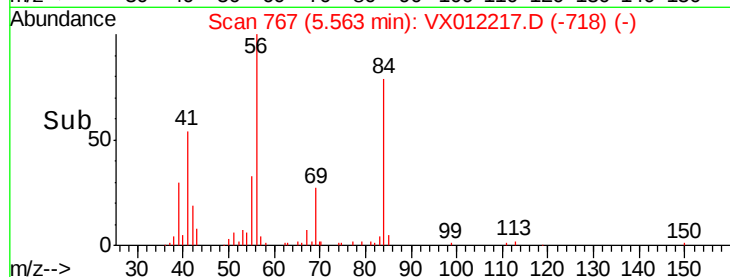
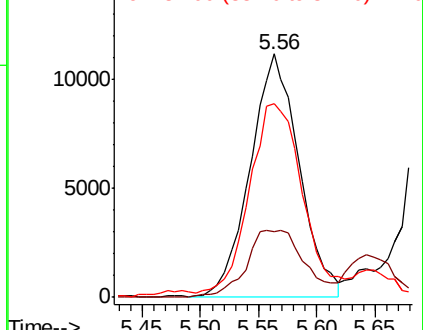
56 100

69 27.2 25.7 38.5

84 76.9 70.3 105.5



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



#32

1,1,1-Trichloroethane

Concen: 18.534 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

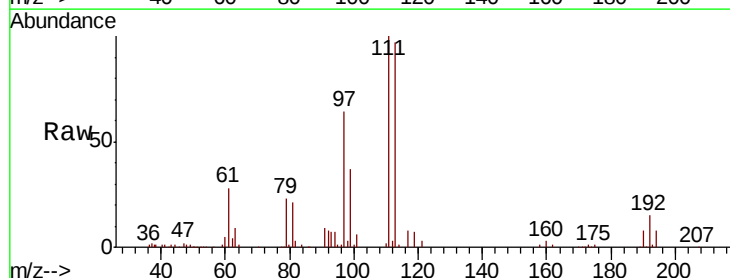
Tgt Ion: 97 Resp: 44284

Ion Ratio Lower Upper

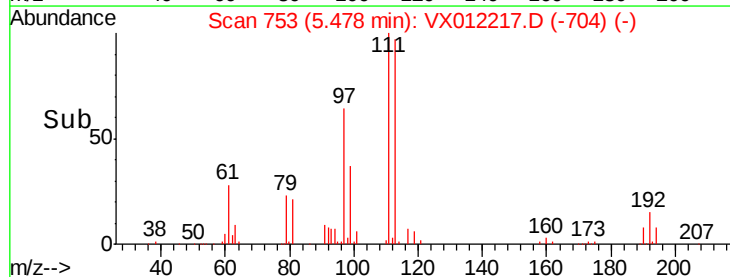
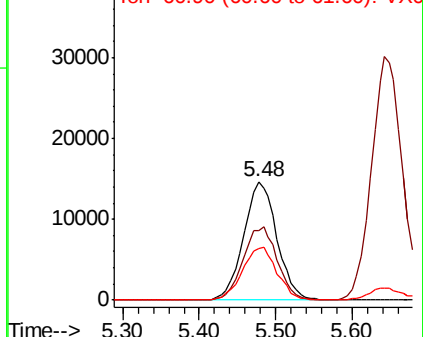
97 100

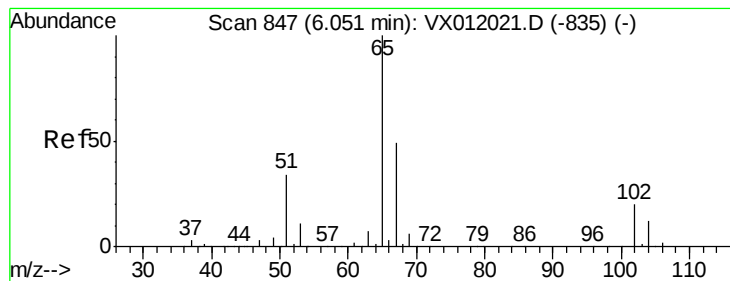
99 63.4 52.1 78.1

61 46.4 32.8 49.2



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





#33

1,2-Dichloroethane-d4

Concen: 49.407 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

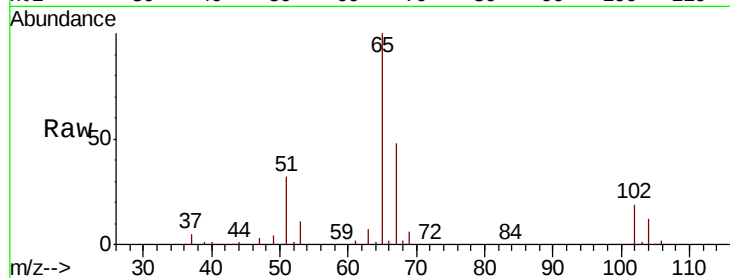
VX0908SBS02

Tgt Ion: 65 Resp: 82752

Ion Ratio Lower Upper

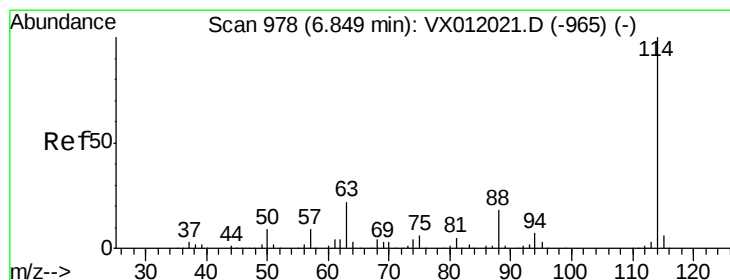
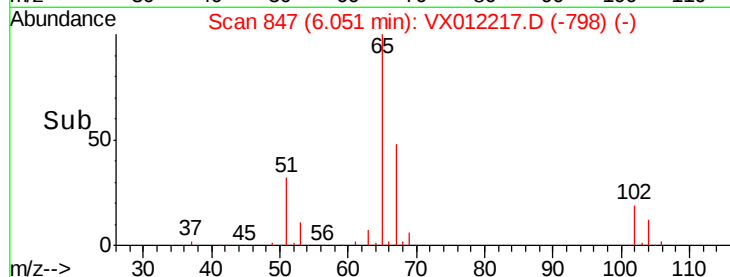
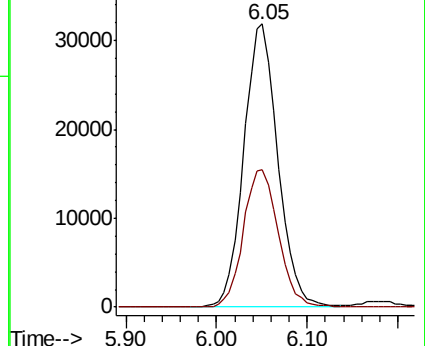
65 100

67 49.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

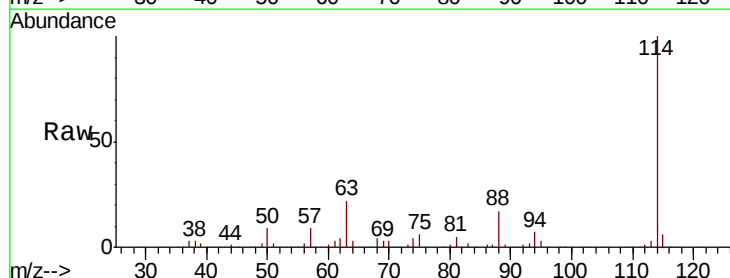
Tgt Ion: 114 Resp: 220947

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

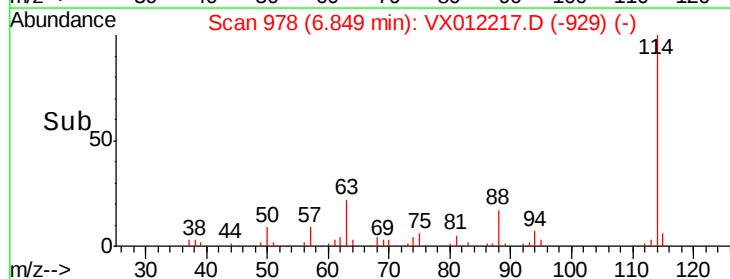
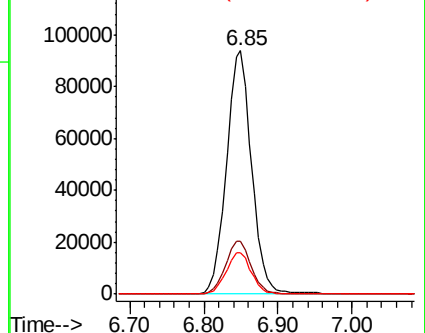
88 16.8 0.0 29.6

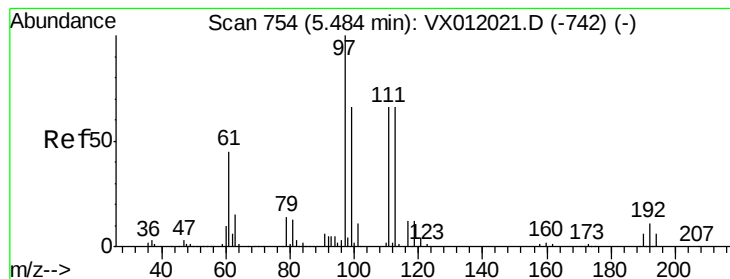


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.348 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

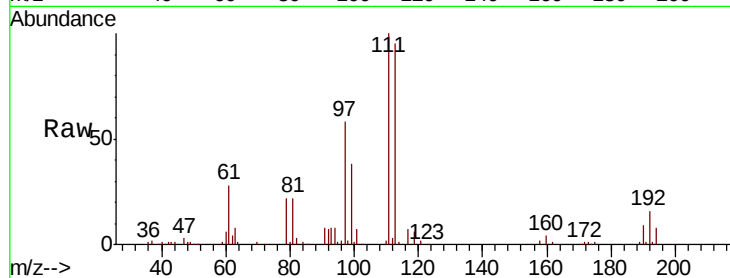
Tgt Ion:113 Resp: 64335

Ion Ratio Lower Upper

113 100

111 104.8 81.7 122.5

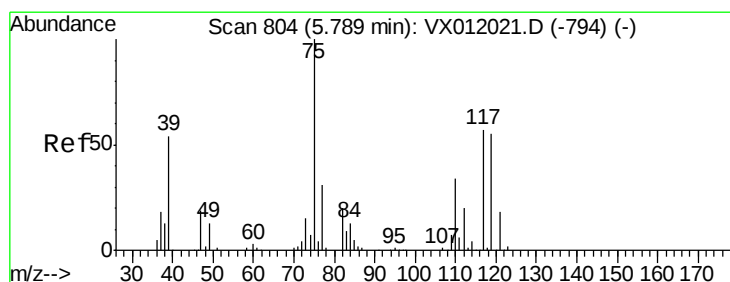
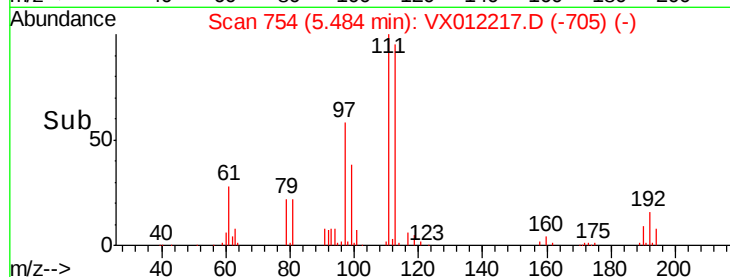
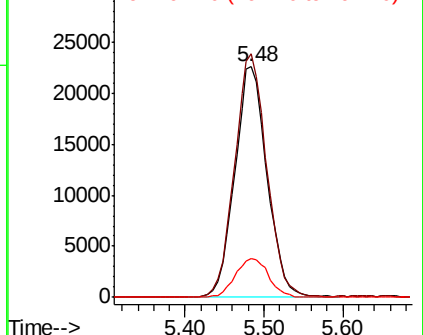
192 17.3 22.5 33.7#



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: 16.863 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

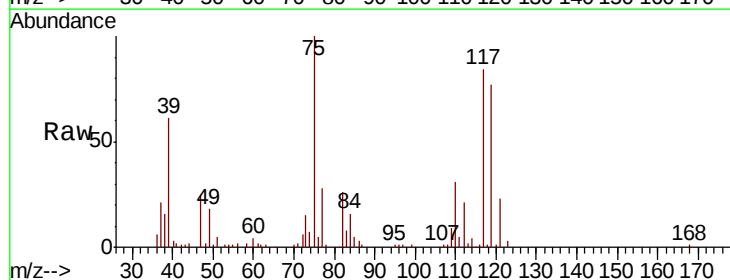
Tgt Ion: 75 Resp: 32816

Ion Ratio Lower Upper

75 100

110 34.0 19.5 58.5

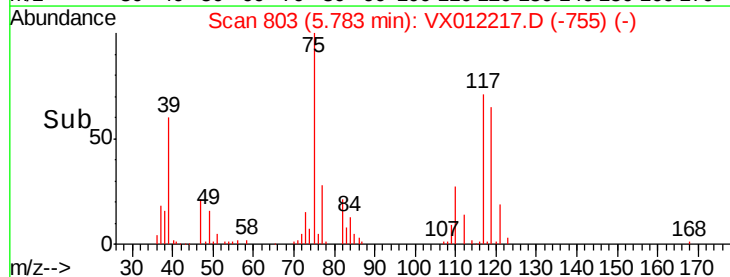
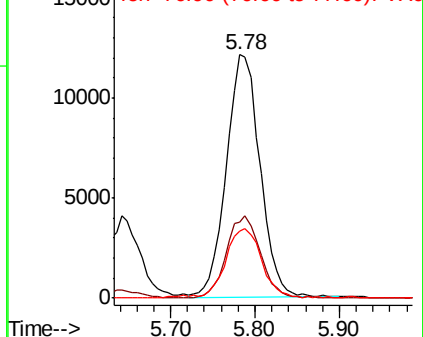
77 30.3 24.6 37.0

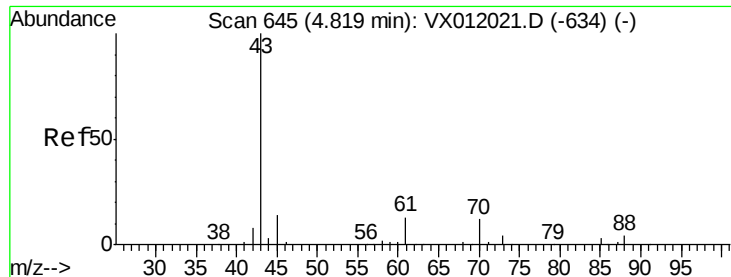


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

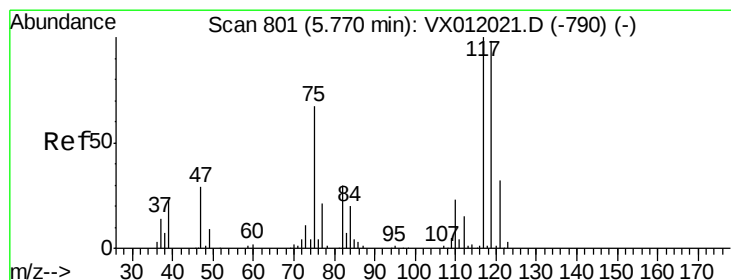
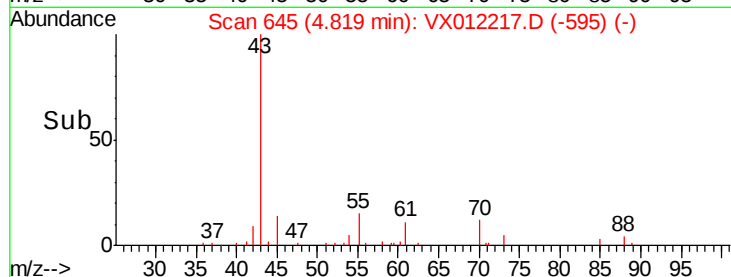
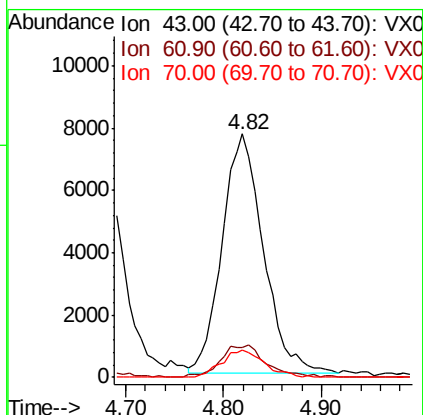
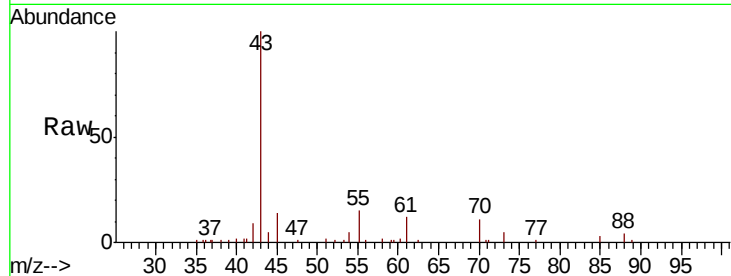




#37
Ethyl Acetate
Concen: 21.246 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

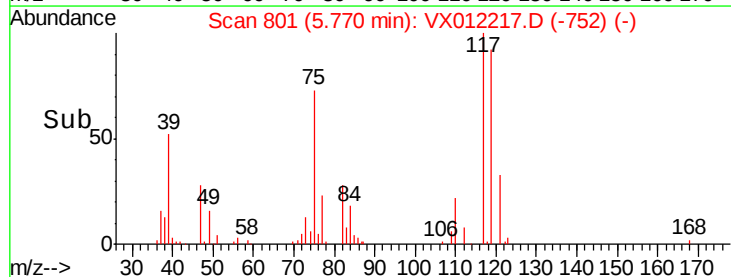
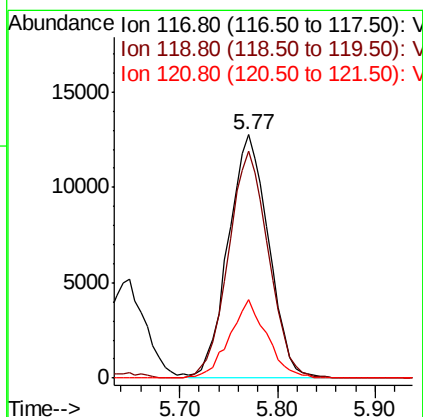
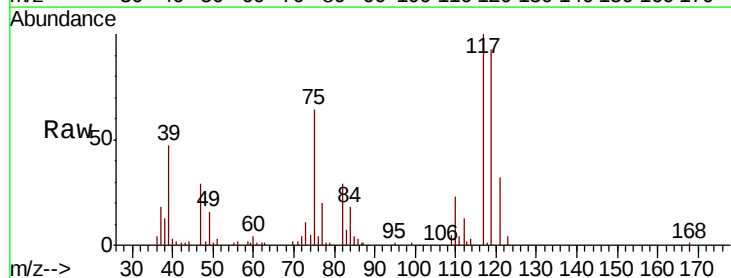
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

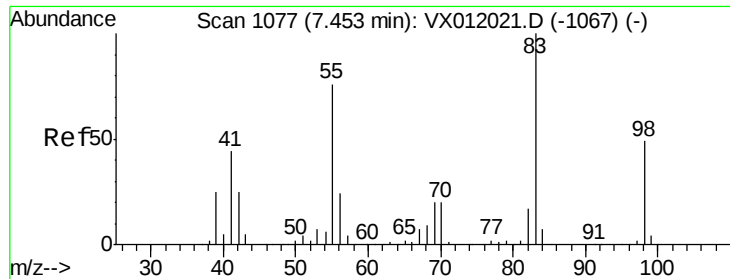
Tgt Ion: 43 Resp: 22483
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 17.811 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 117 Resp: 36522
Ion Ratio Lower Upper
117 100
119 93.5 78.3 117.5
121 32.4 24.2 36.2

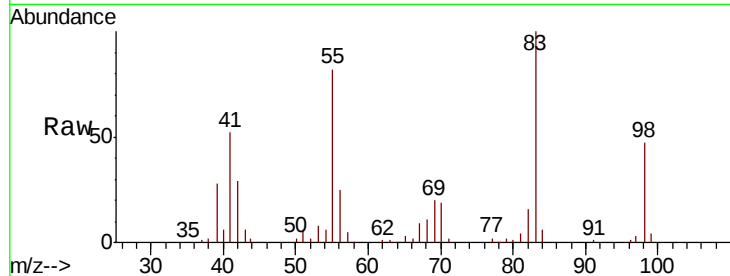




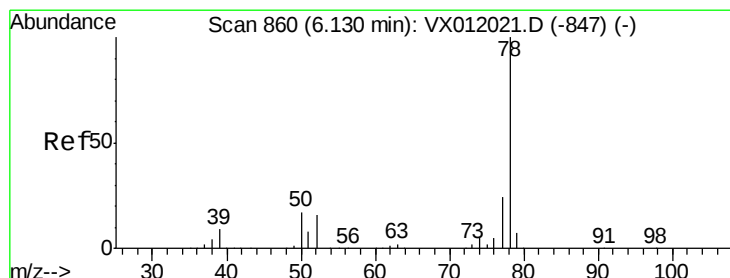
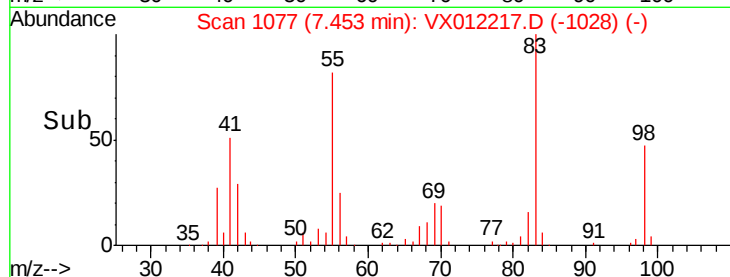
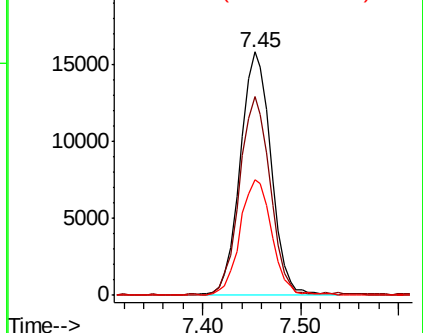
#39
Methylcyclohexane
Concen: 15.364 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion: 83 Resp: 34700
Ion Ratio Lower Upper
83 100
55 81.3 59.6 89.4
98 47.4 41.4 62.0

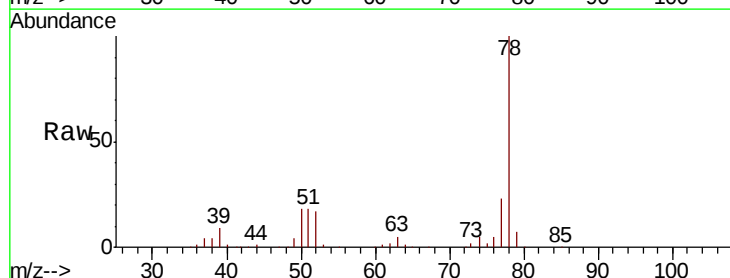


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

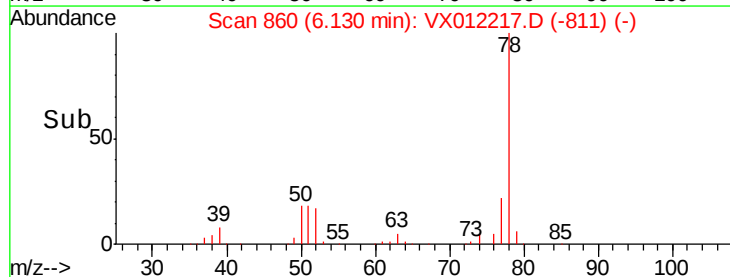
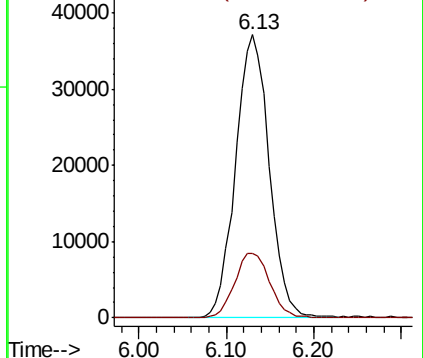


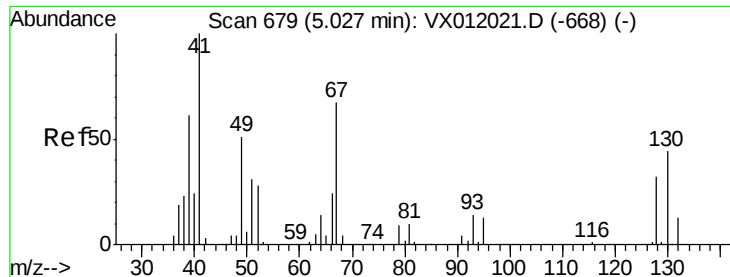
#40
Benzene
Concen: 17.761 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 78 Resp: 99225
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9



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





#41

Methacrylonitrile

Concen: 22.212 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tgt Ion: 41 Resp: 14017

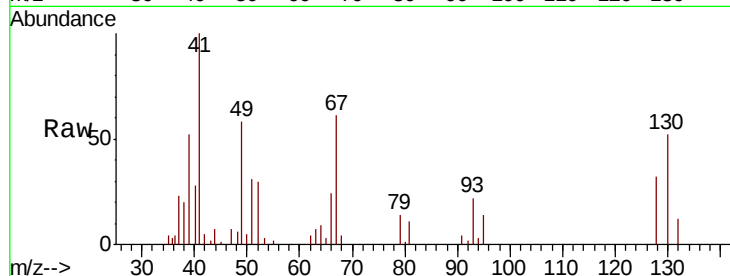
Ion Ratio Lower Upper

41 100

39 53.5 46.7 70.1

67 66.0 57.0 85.6

52 31.7 23.5 35.3

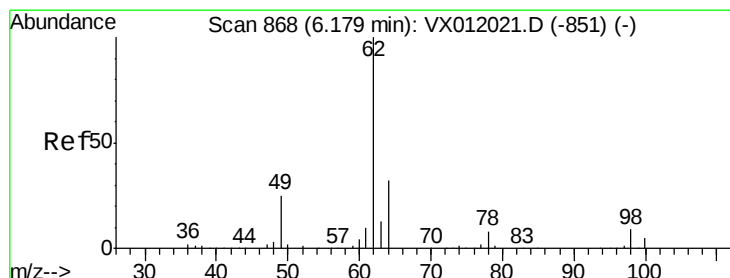
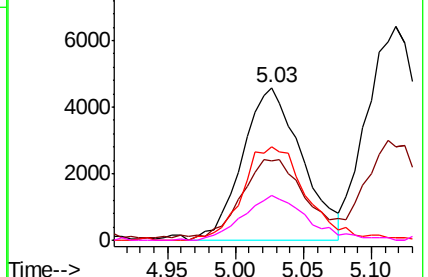
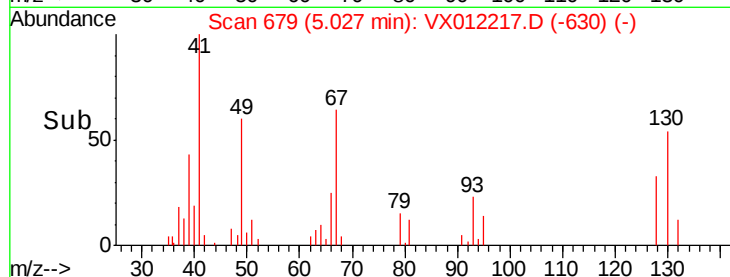


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.173 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012217.D

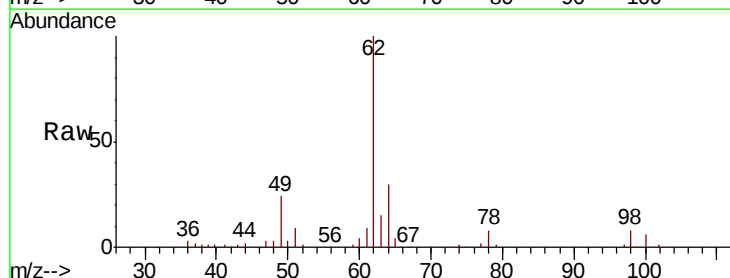
Acq: 08 Sep 2019 12:28

Tgt Ion: 62 Resp: 40556

Ion Ratio Lower Upper

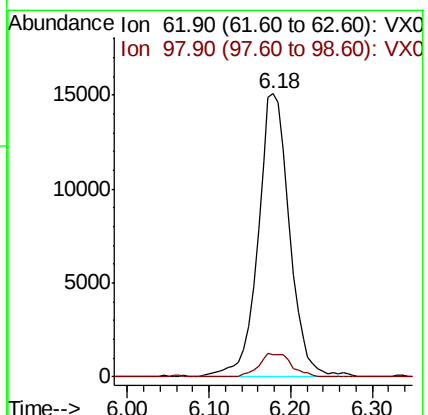
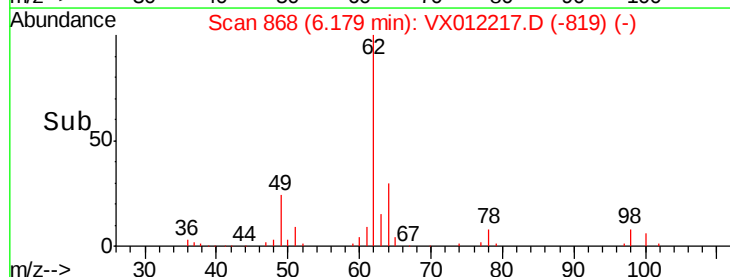
62 100

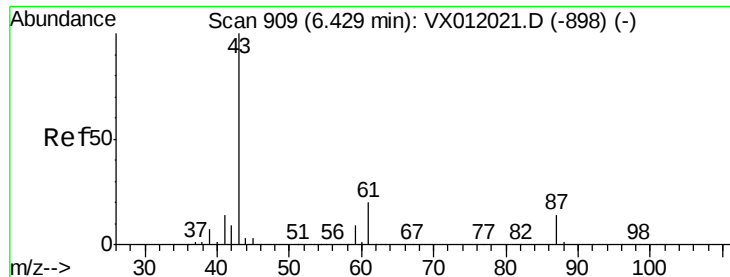
98 8.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.911 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

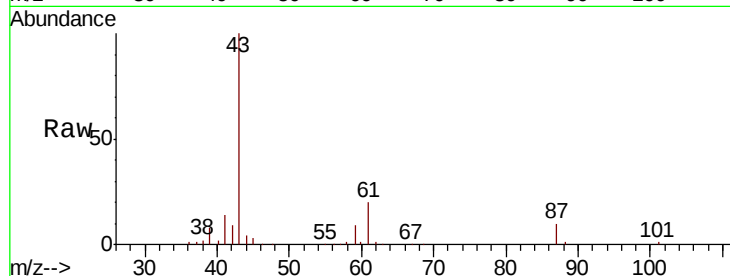
Tgt Ion: 43 Resp: 44993

Ion Ratio Lower Upper

43 100

61 18.8 16.1 24.1

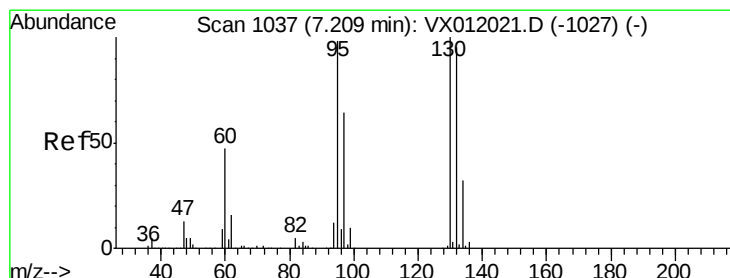
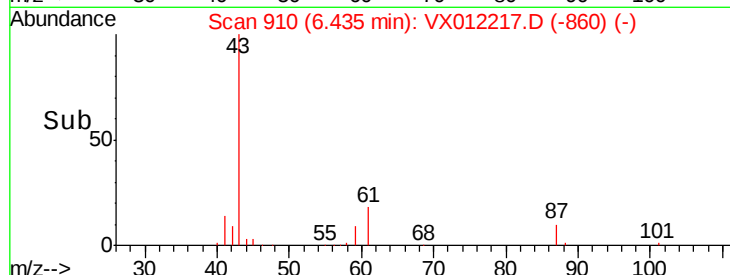
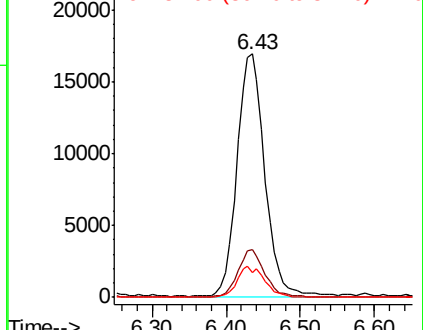
87 12.3 11.3 16.9



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: 17.520 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012217.D

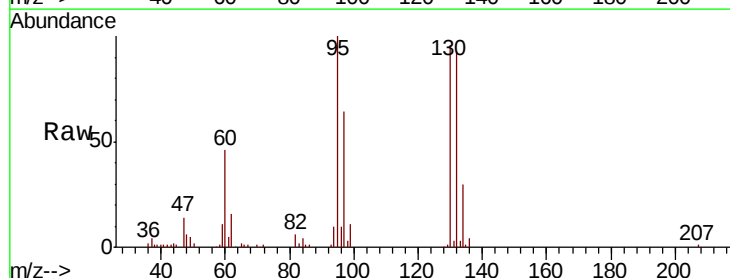
Acq: 08 Sep 2019 12:28

Tgt Ion:130 Resp: 26399

Ion Ratio Lower Upper

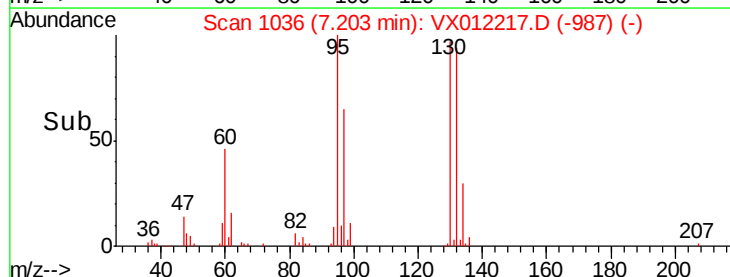
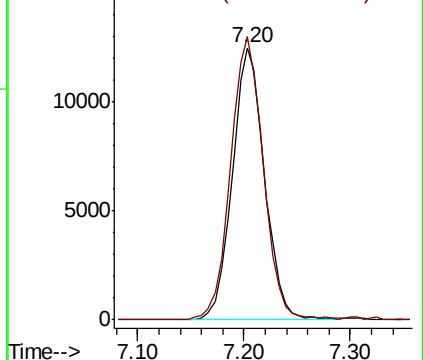
130 100

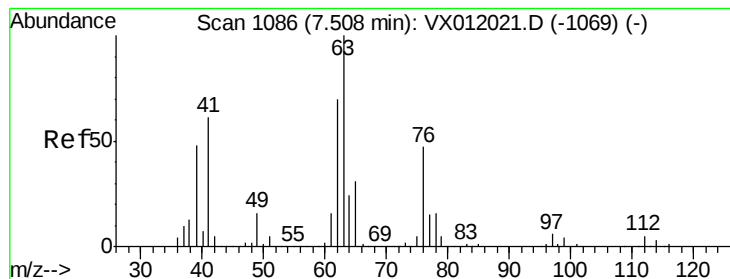
95 103.9 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.770 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

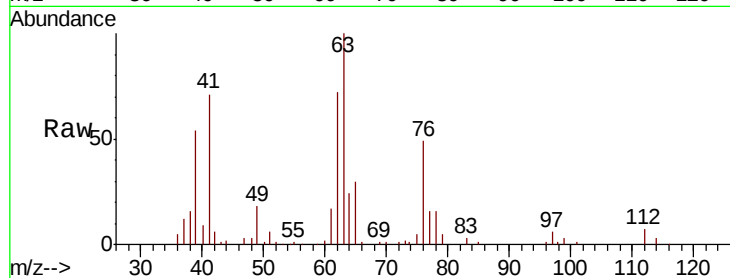
VX0908SBS02

Tgt Ion: 63 Resp: 27092

Ion Ratio Lower Upper

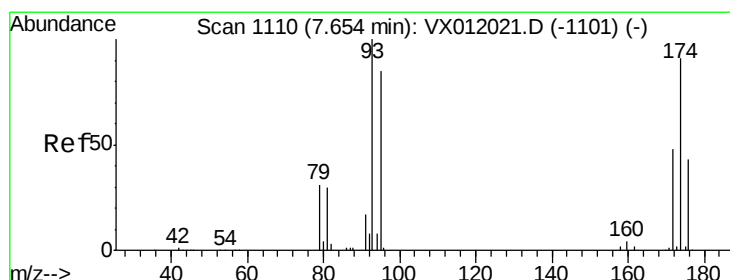
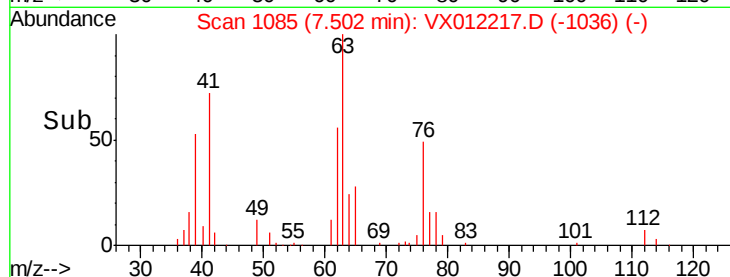
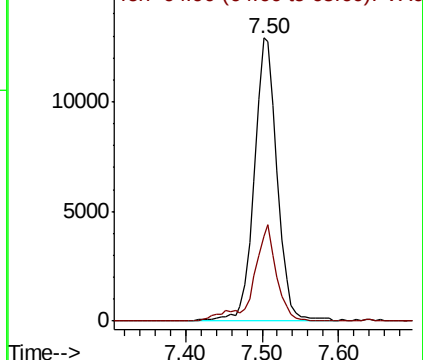
63 100

65 29.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.424 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

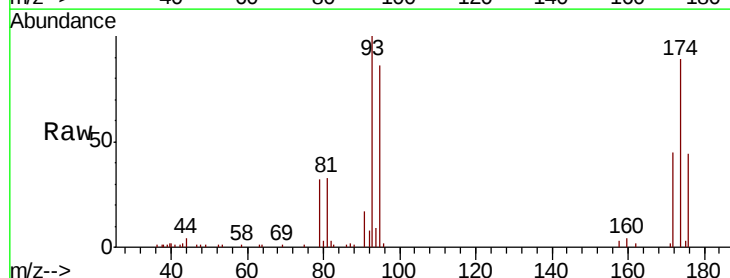
Tgt Ion: 93 Resp: 15524

Ion Ratio Lower Upper

93 100

95 85.8 66.2 99.2

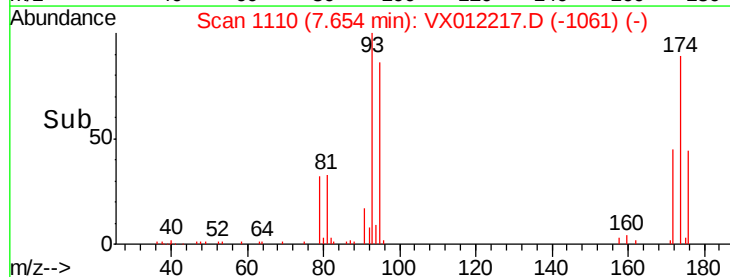
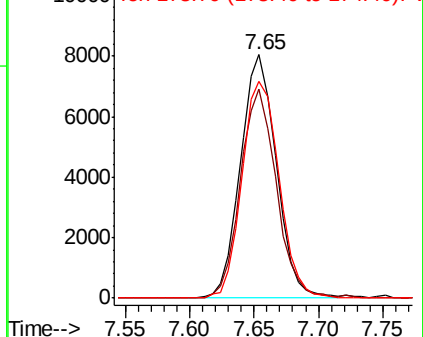
174 91.7 110.2 165.4#

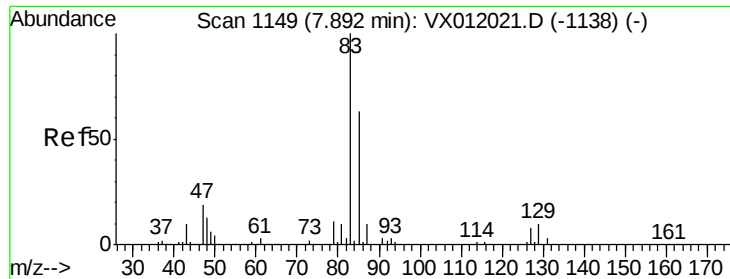


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.495 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

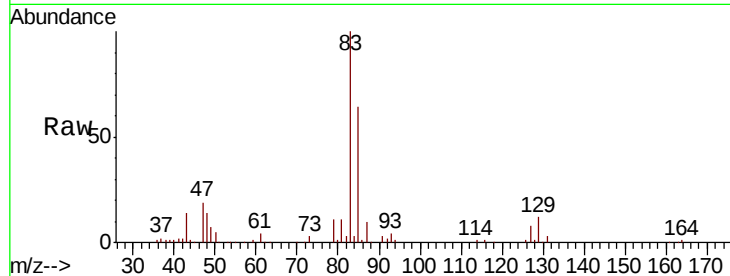
Tgt Ion: 83 Resp: 39611

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

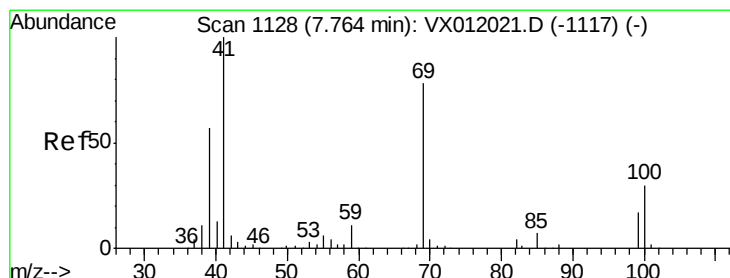
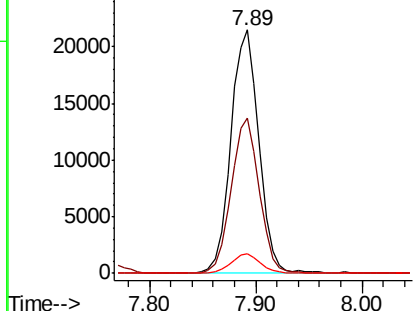
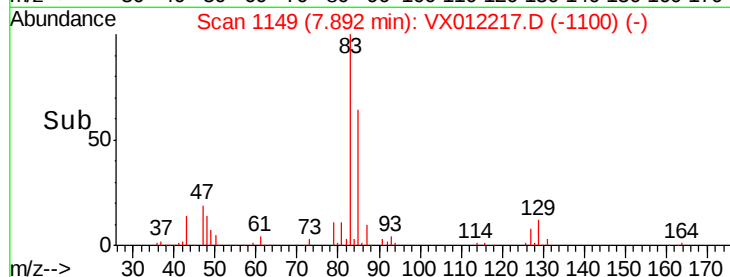
127 8.0 8.1 12.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.009 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

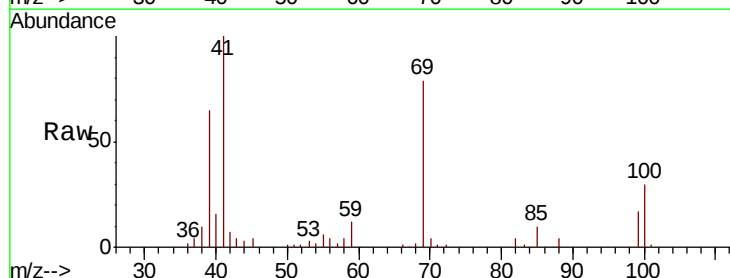
Tgt Ion: 41 Resp: 21647

Ion Ratio Lower Upper

41 100

69 73.7 66.3 99.5

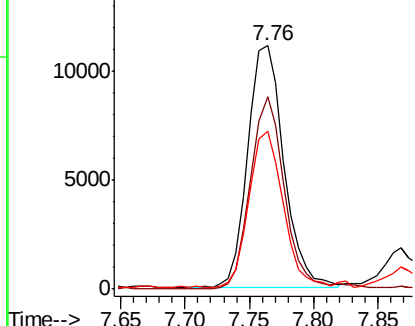
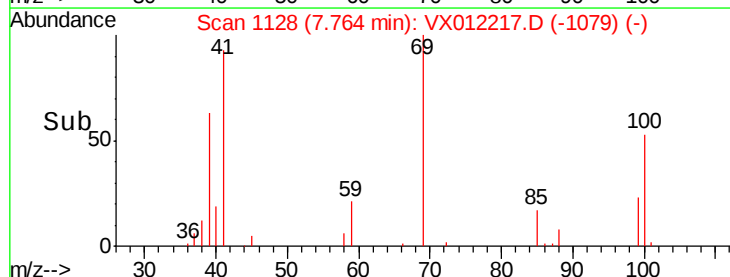
39 60.8 48.1 72.1

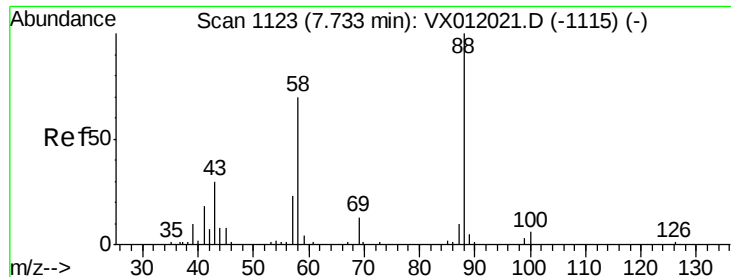


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

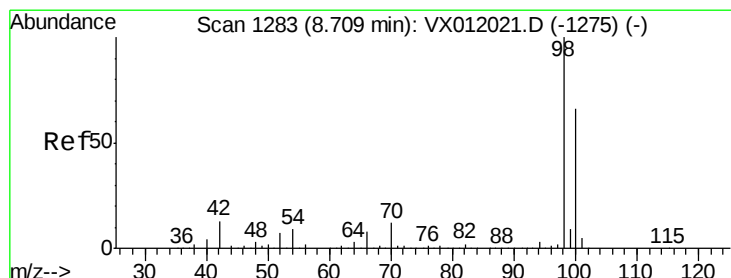
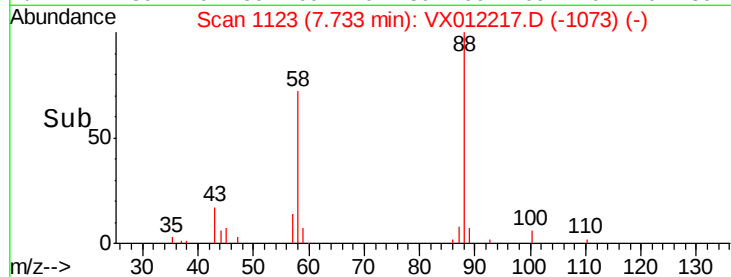
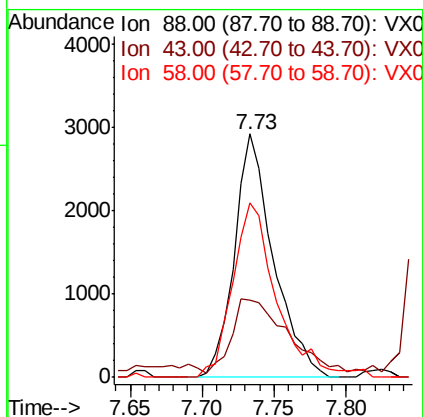
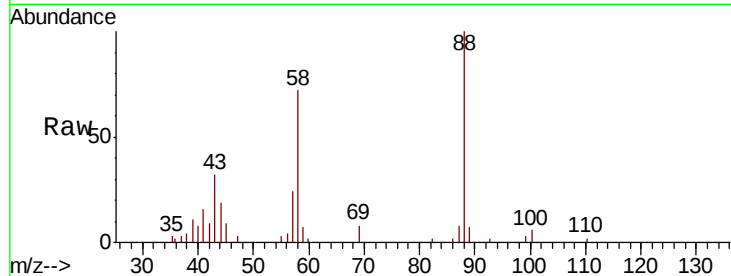




#49
1,4-Dioxane
Concen: 373.734 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

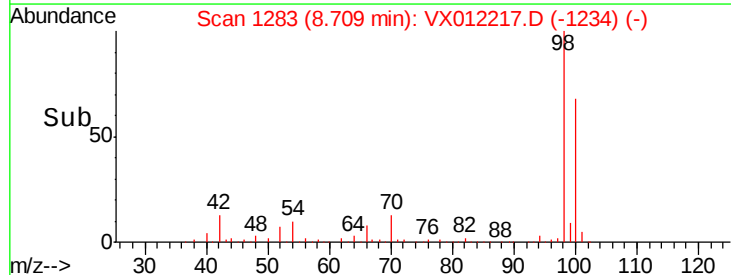
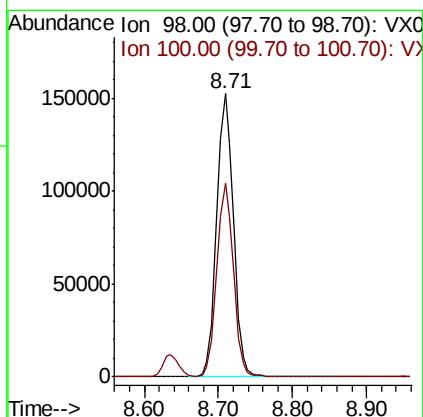
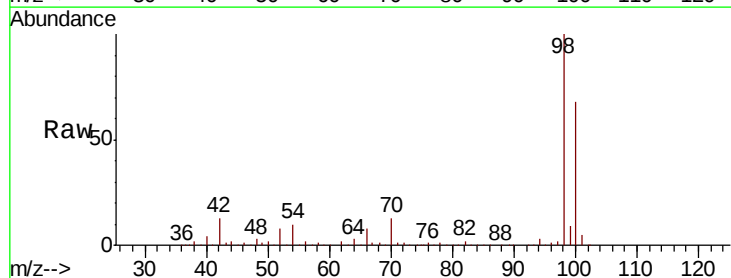
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion: 88 Resp: 5512
Ion Ratio Lower Upper
88 100
43 42.1 29.8 44.6
58 79.7 55.4 83.2



#50
Toluene-d8
Concen: 47.438 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 98 Resp: 236529
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 105.448 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

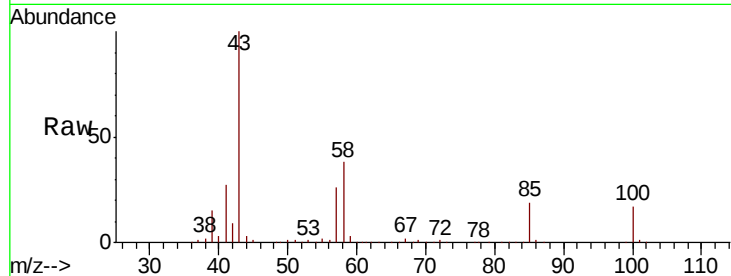
VX0908SBS02

Tgt Ion: 43 Resp: 115406

Ion Ratio Lower Upper

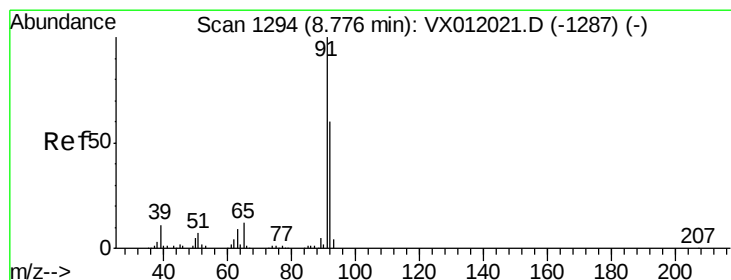
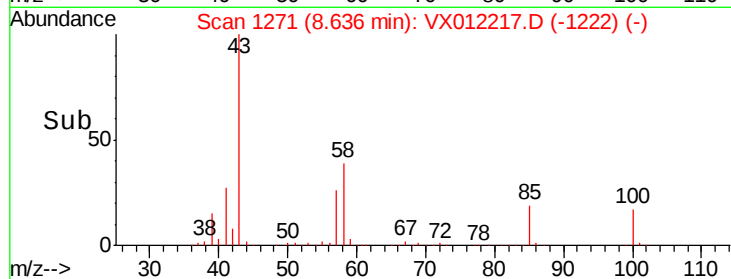
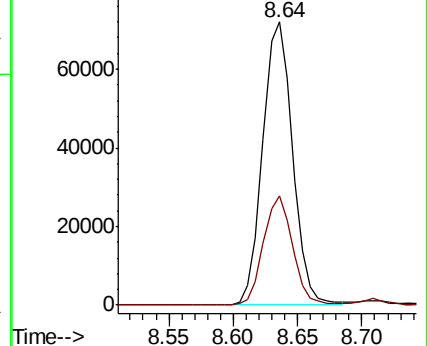
43 100

58 37.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.087 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012217.D

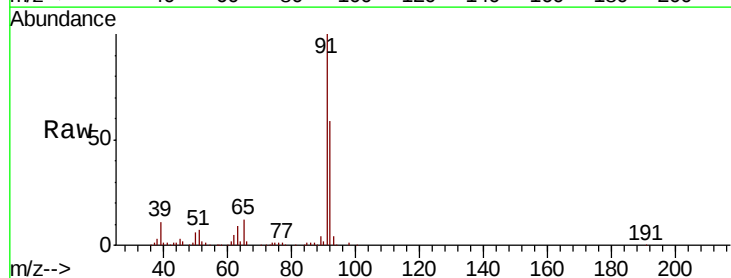
Acq: 08 Sep 2019 12:28

Tgt Ion: 92 Resp: 65745

Ion Ratio Lower Upper

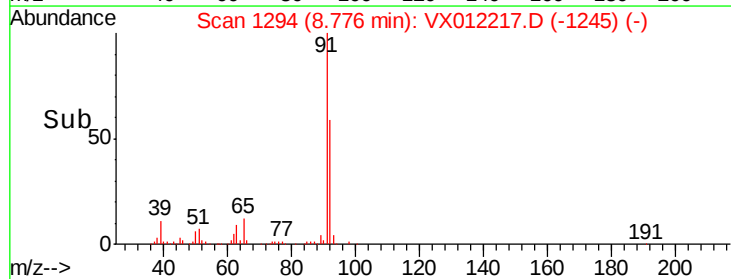
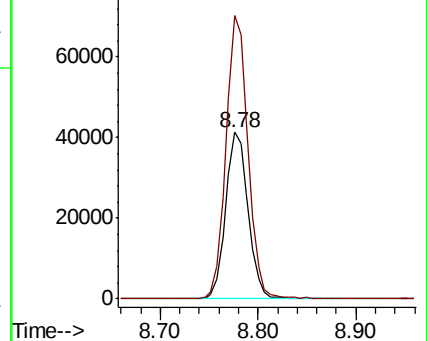
92 100

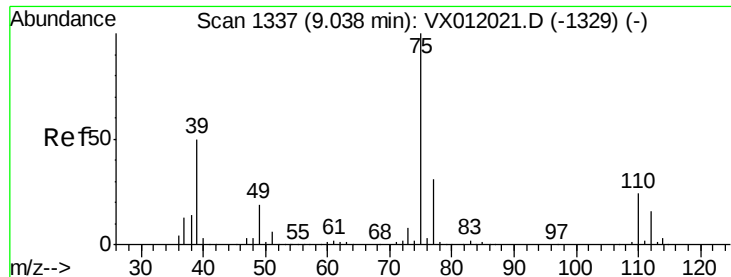
91 166.7 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.898 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

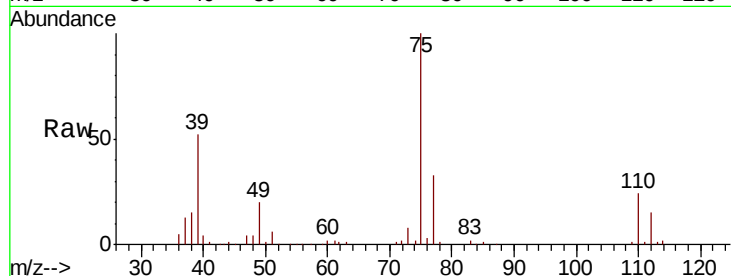
VX0908SBS02

Tgt Ion: 75 Resp: 39685

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

25000

20000

15000

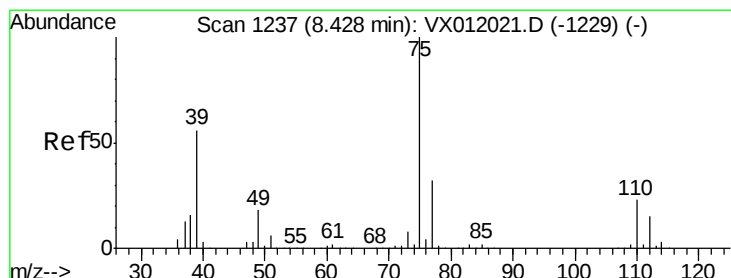
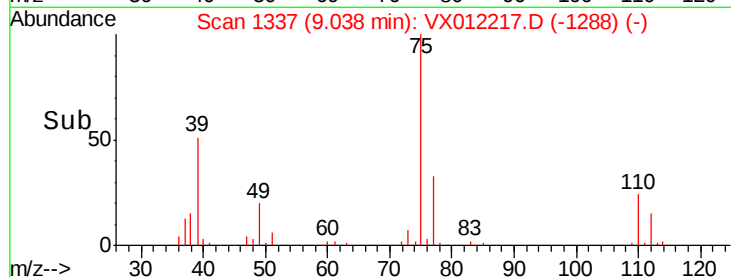
10000

5000

0

Time-->

9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 17.651 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

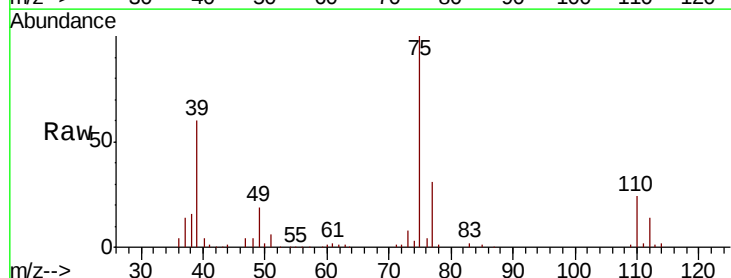
Tgt Ion: 75 Resp: 43523

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 59.3 43.0 64.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

30000

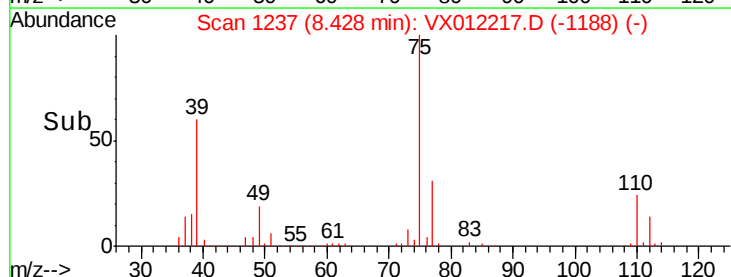
20000

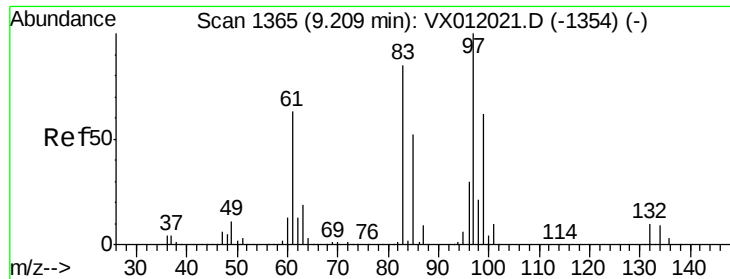
10000

0

Time-->

8.35 8.40 8.45 8.50

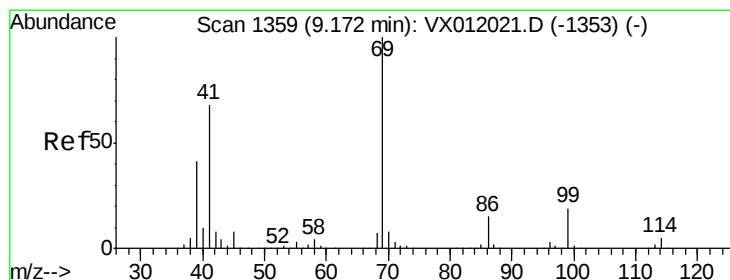
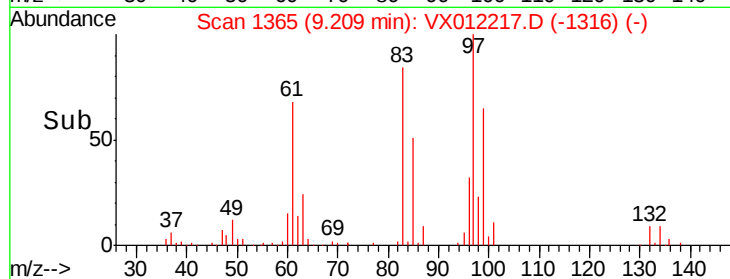
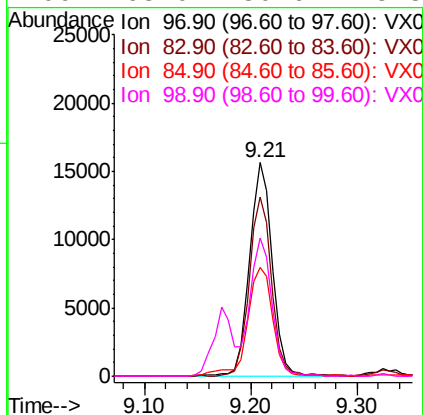
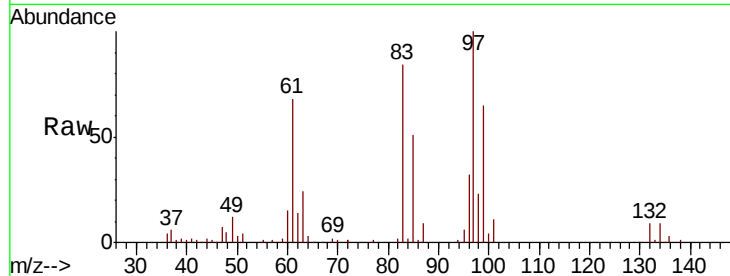




#55
 1,1,2-Trichloroethane
 Concen: 19.463 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

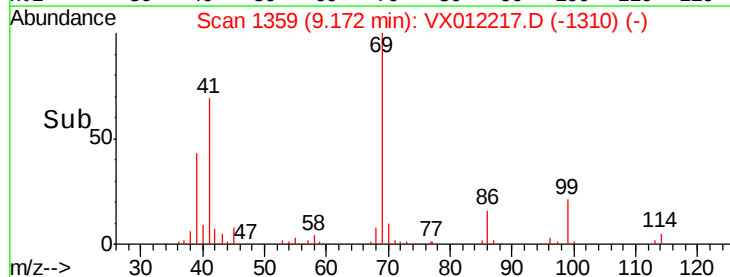
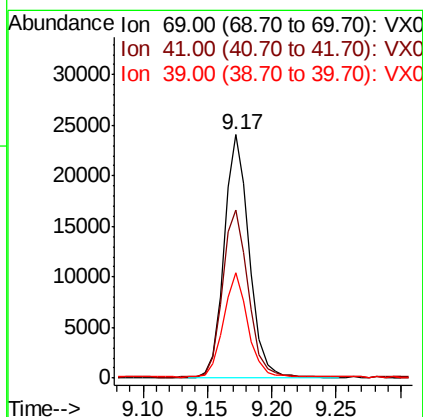
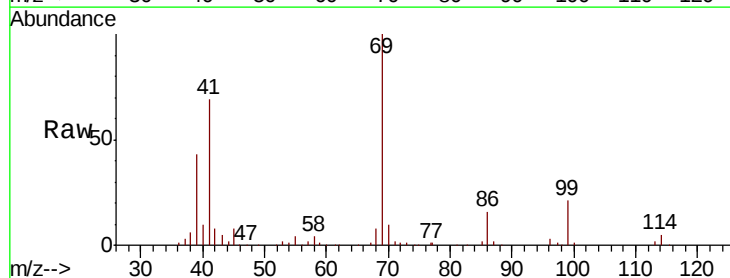
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

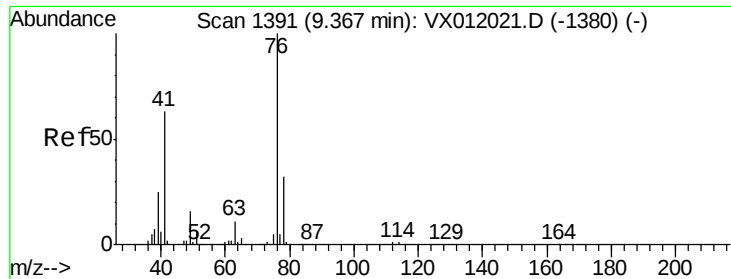
Tgt Ion:	97	Resp:	23445
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.0	99.0
85	50.8	41.0	61.6
99	65.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.221 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion:	69	Resp:	33165
Ion	Ratio	Lower	Upper
69	100		
41	72.4	53.9	80.9
39	42.7	31.1	46.7

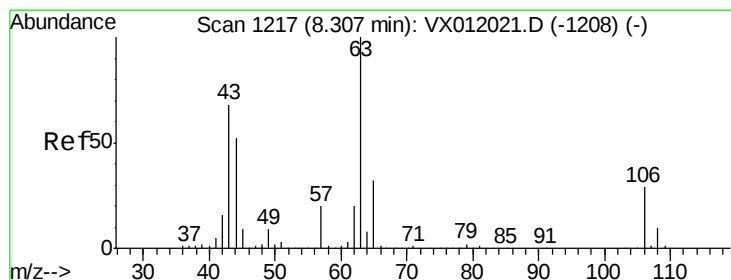
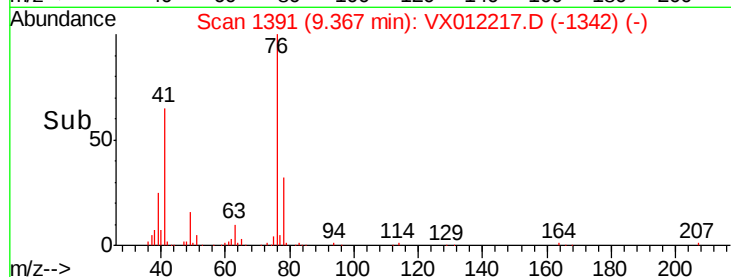
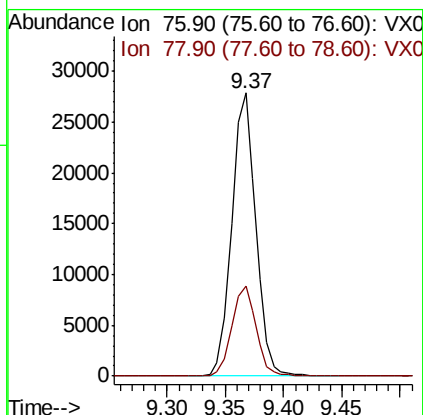
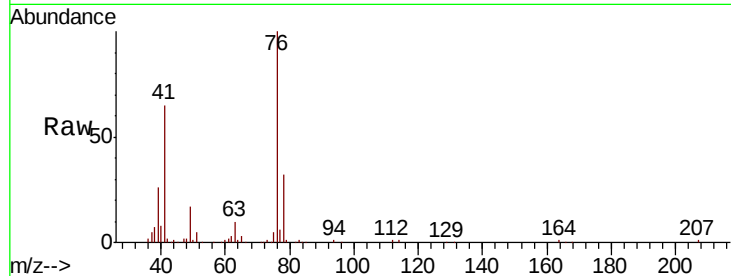




#57
 1,3-Dichloropropane
 Concen: 19.331 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

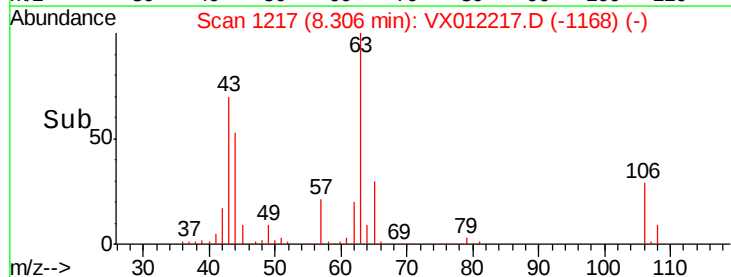
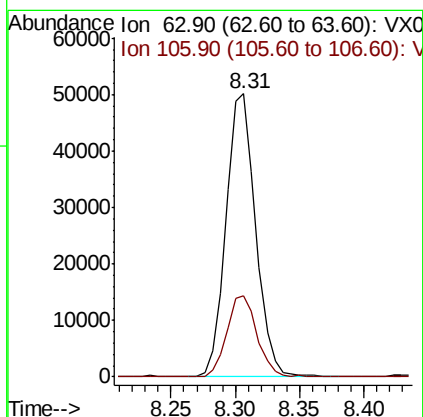
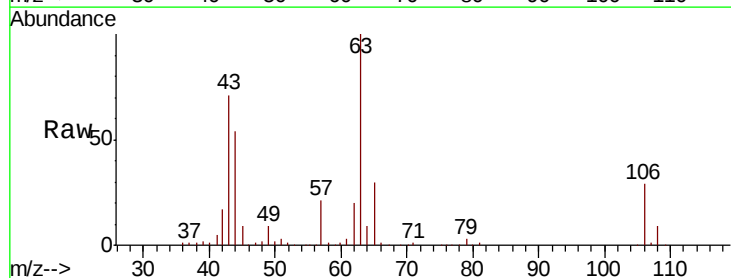
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

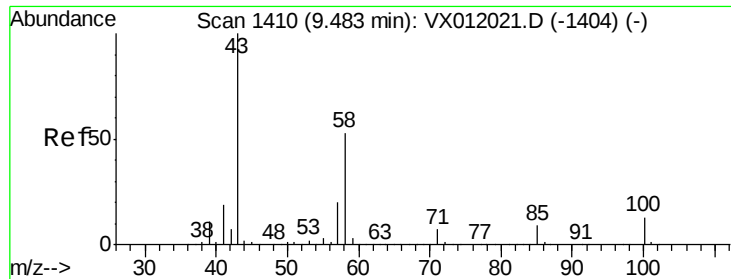
Tgt Ion: 76 Resp: 40183
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.179 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 63 Resp: 81041
 Ion Ratio Lower Upper
 63 100
 106 29.4 26.5 39.7

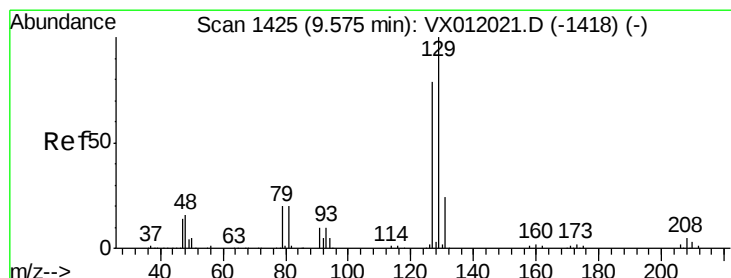
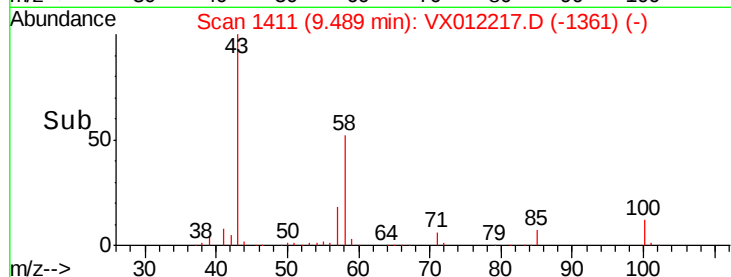
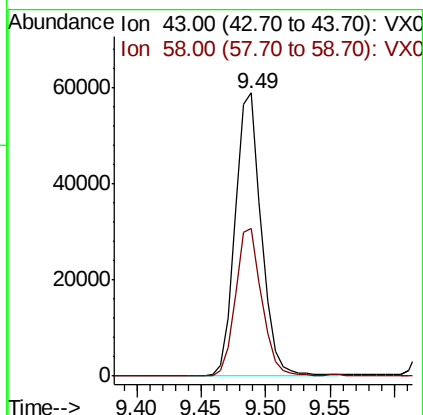
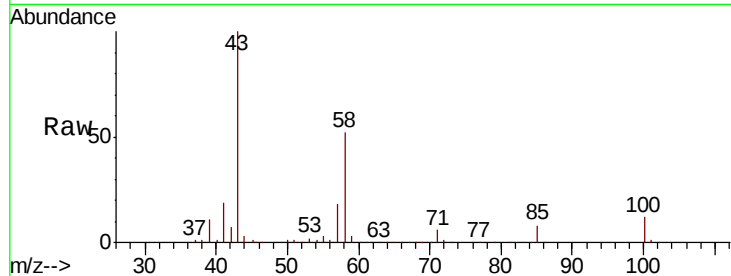




#59
2-Hexanone
Concen: 104.100 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

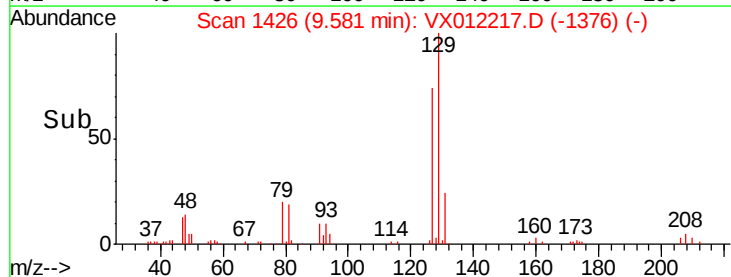
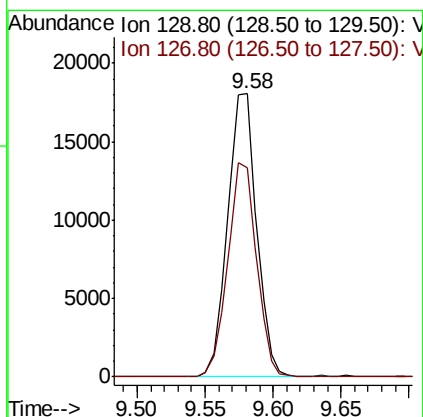
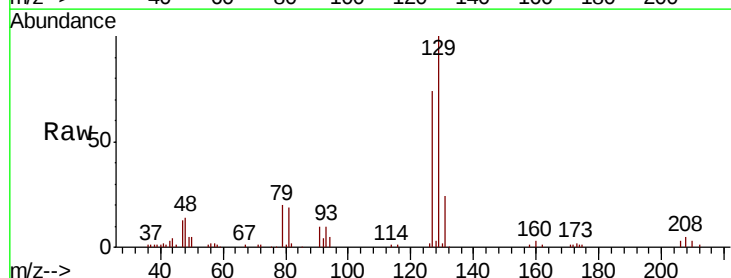
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

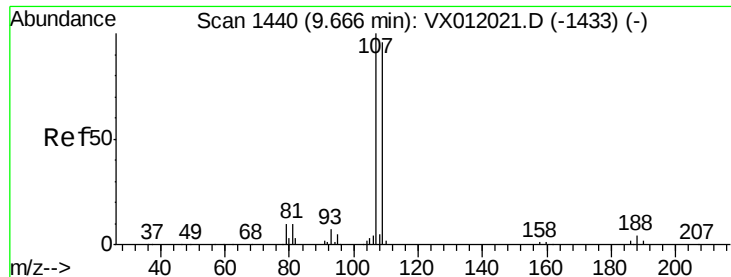
Tgt Ion: 43 Resp: 83132
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.6



#60
Dibromochloromethane
Concen: 18.703 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 129 Resp: 26851
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.5

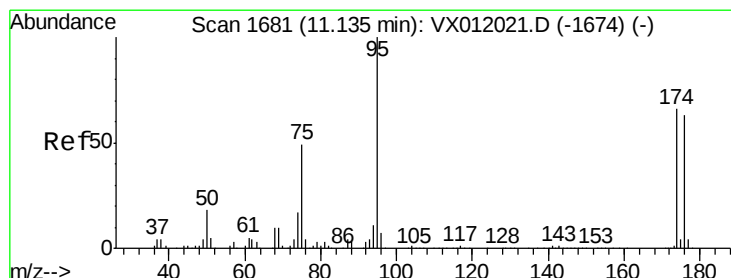
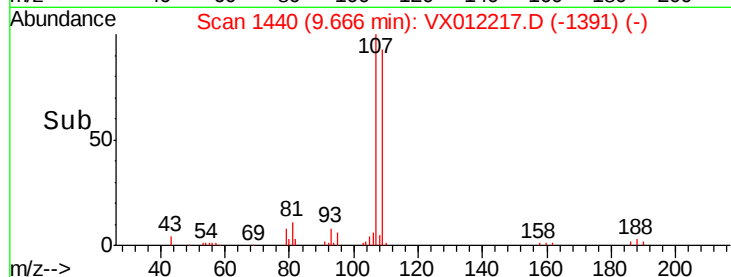
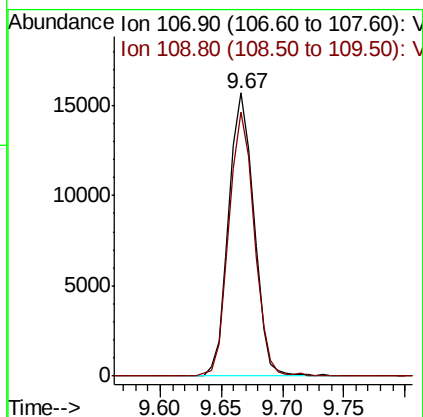
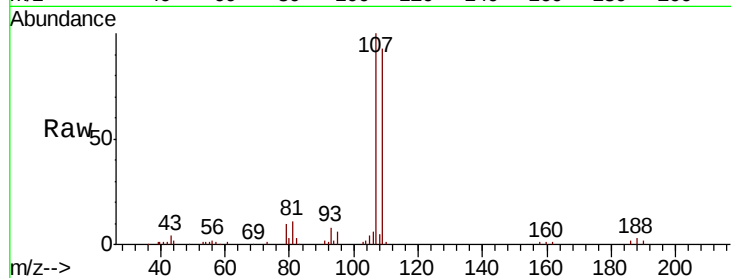




#61
 1,2-Dibromoethane
 Concen: 19.333 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

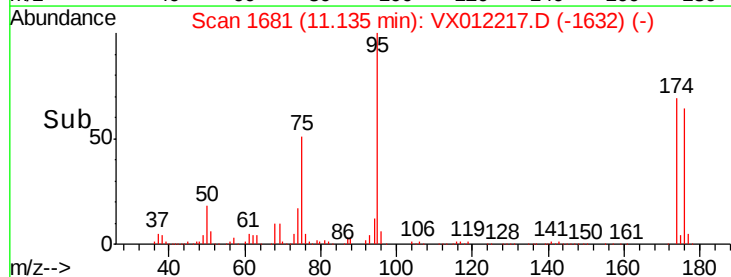
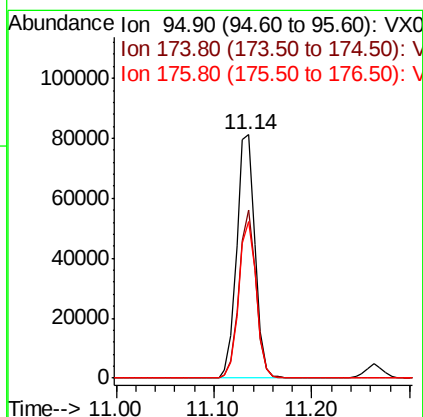
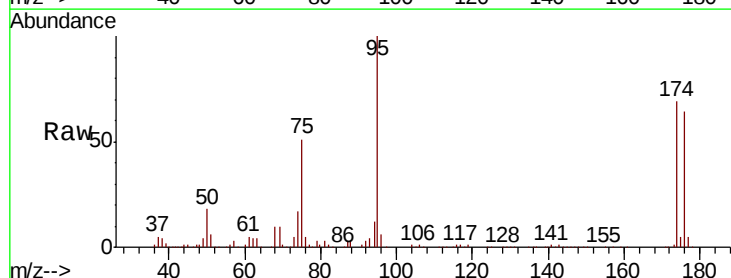
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

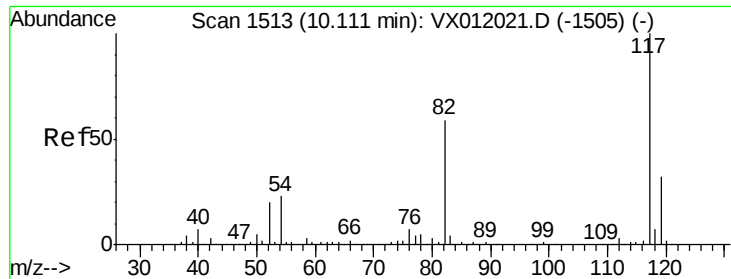
Tgt Ion: 107 Resp: 22504
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 45.433 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 95 Resp: 105350
 Ion Ratio Lower Upper
 95 100
 174 64.0 0.0 205.4
 176 61.8 0.0 201.8

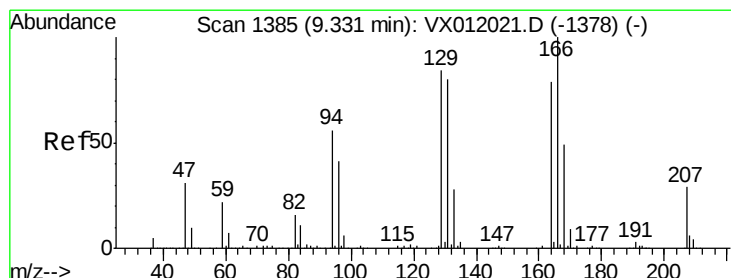
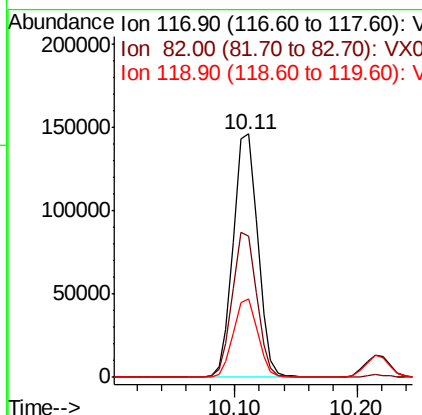
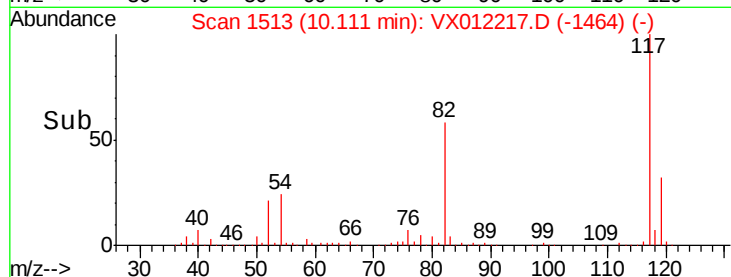
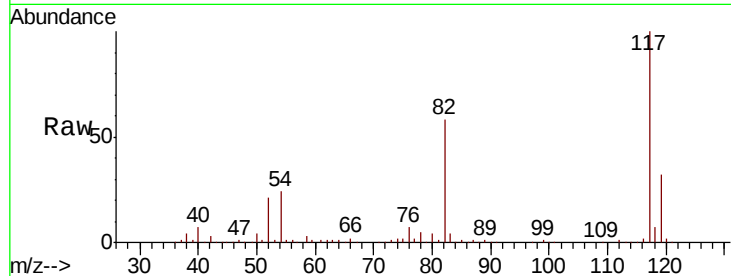




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

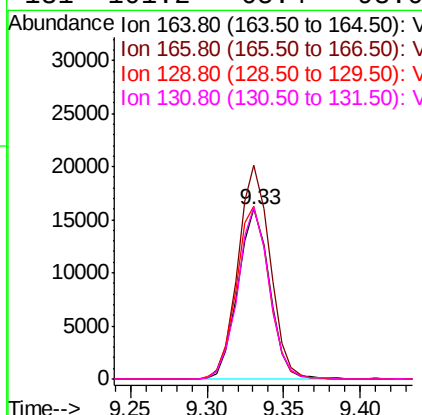
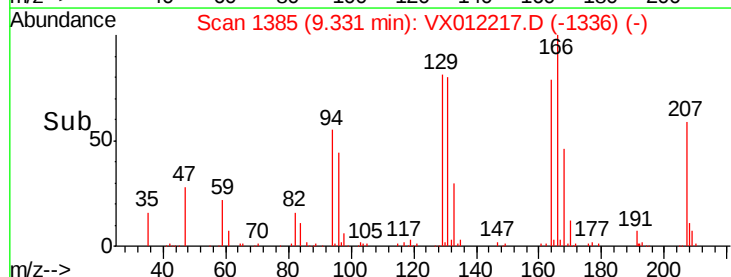
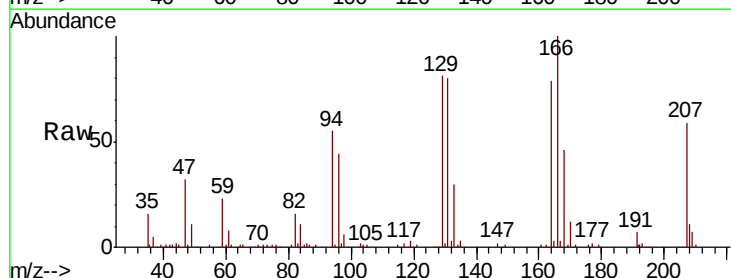
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

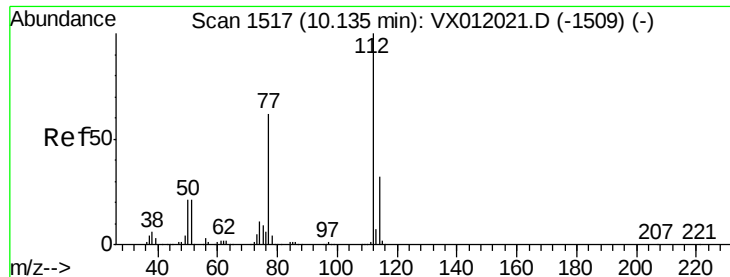
Tgt Ion:117 Resp: 203082
Ion Ratio Lower Upper
117 100
82 58.0 39.4 59.0
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 18.160 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion:164 Resp: 22992
Ion Ratio Lower Upper
164 100
166 125.9 104.3 156.5
129 101.8 68.3 102.5
131 101.2 65.4 98.0#





#65

Chlorobenzene

Concen: 18.077 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

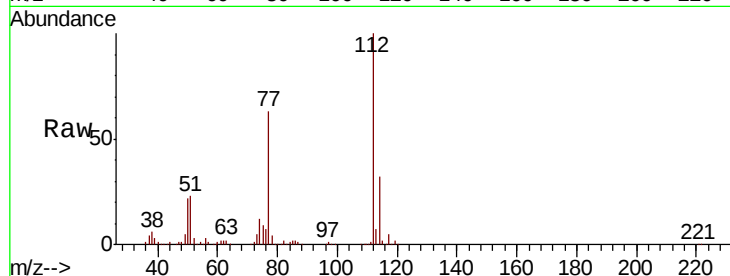
VX0908SBS02

Tgt Ion:112 Resp: 72434

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

60000

50000

40000

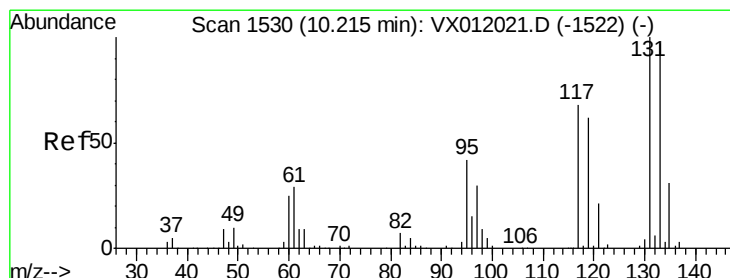
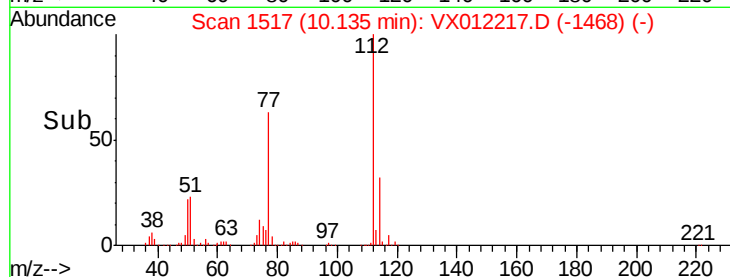
30000

20000

10000

0

Time--> 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.197 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

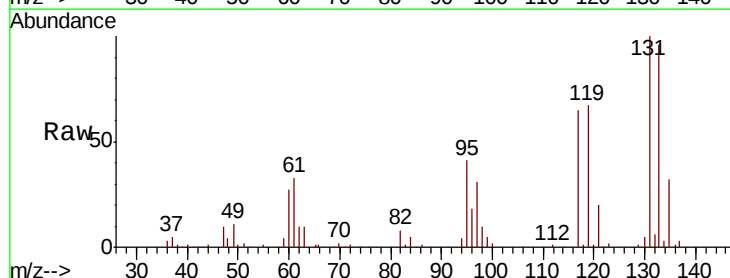
Tgt Ion:131 Resp: 28126

Ion Ratio Lower Upper

131 100

133 92.6 48.4 145.0

119 64.1 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

25000

20000

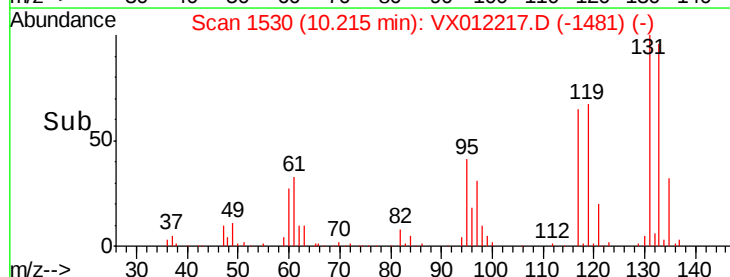
15000

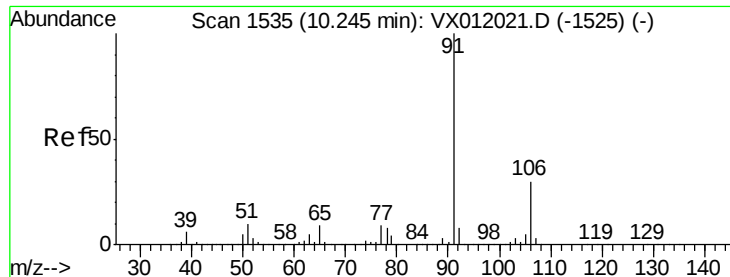
10000

5000

0

Time--> 10.15 10.25

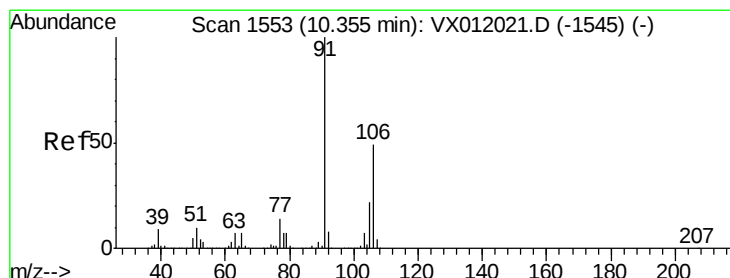
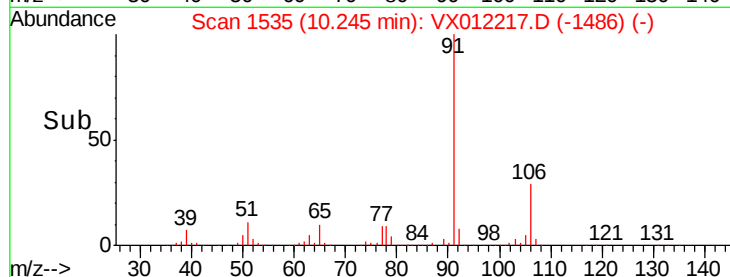
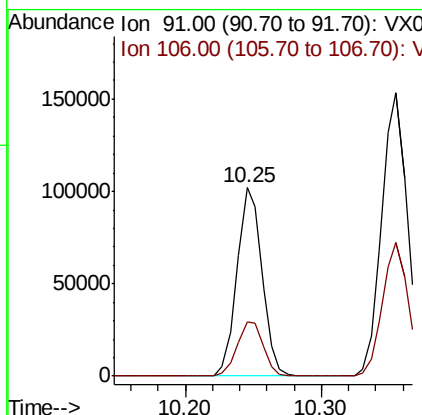
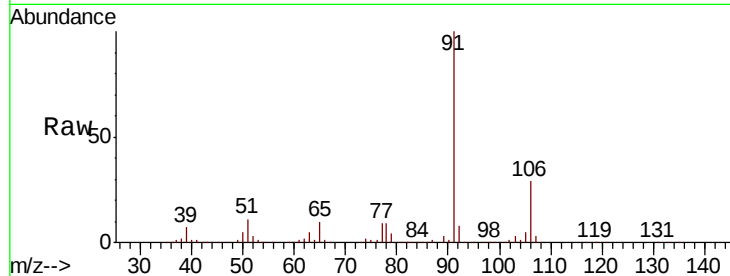




#67
Ethyl Benzene
Concen: 17.983 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

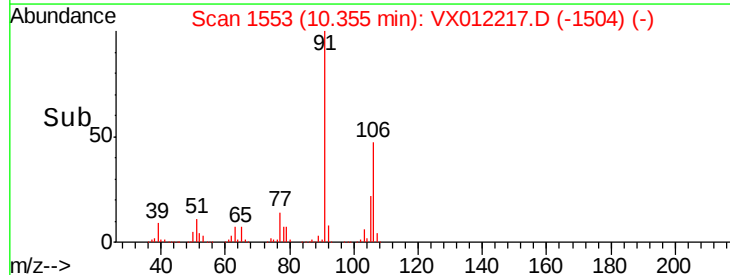
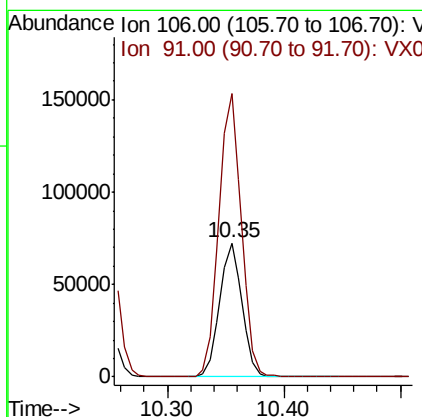
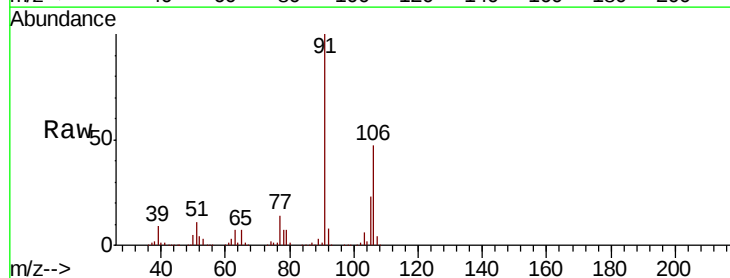
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

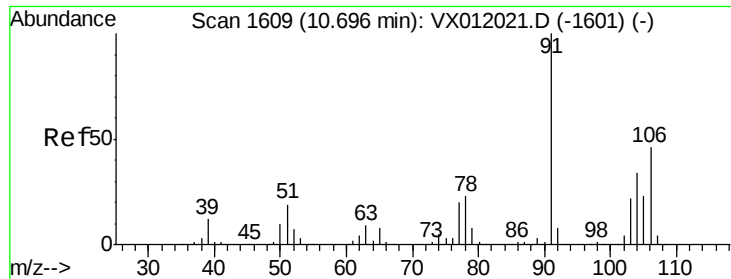
Tgt Ion: 91 Resp: 131345
Ion Ratio Lower Upper
91 100
106 29.0 25.8 38.8



#68
m/p-Xylenes
Concen: 35.614 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion: 106 Resp: 95838
Ion Ratio Lower Upper
106 100
91 212.0 157.5 236.3

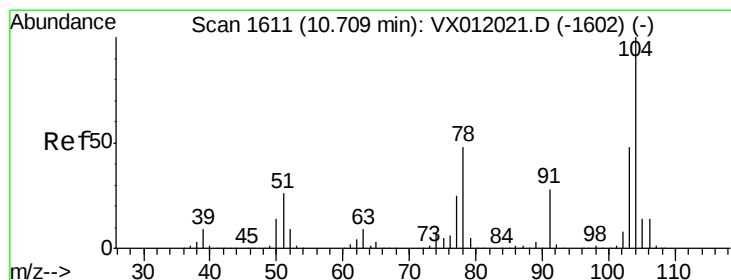
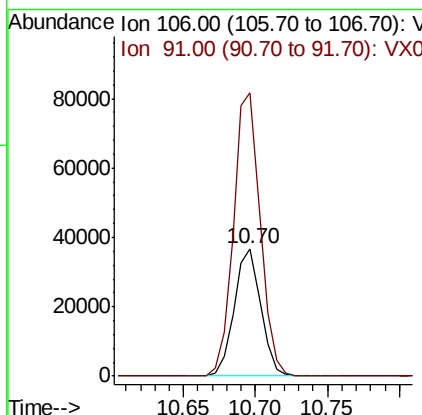
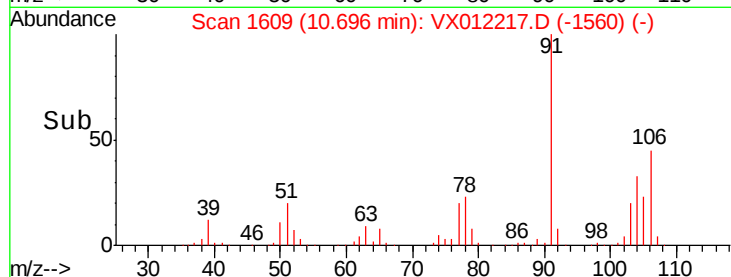
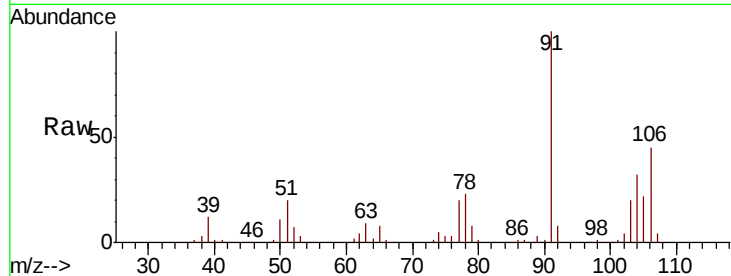




#69
o-Xylene
Concen: 18.164 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

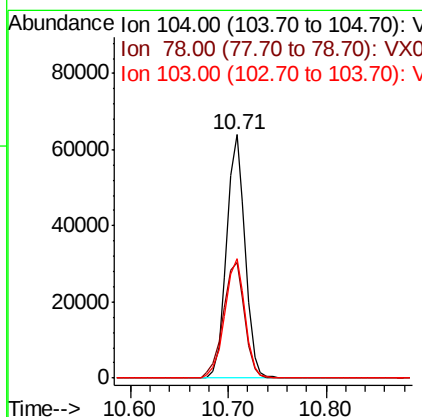
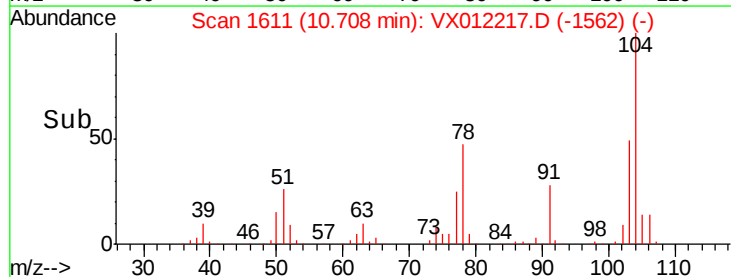
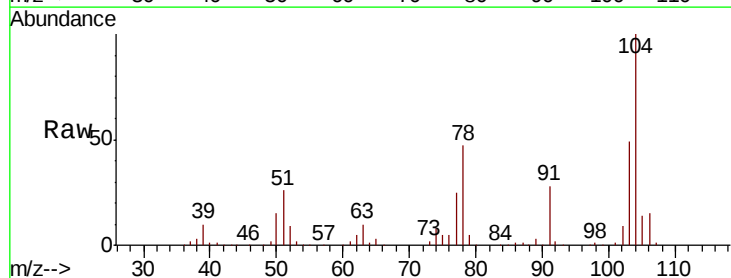
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

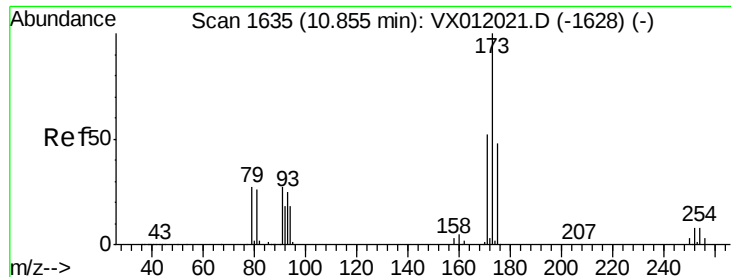
Tgt Ion:106 Resp: 47398
Ion Ratio Lower Upper
106 100
91 224.2 103.5 310.3



#70
Styrene
Concen: 18.507 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion:104 Resp: 83880
Ion Ratio Lower Upper
104 100
78 55.0 39.1 58.7
103 53.7 43.4 65.2





#71

Bromoform

Concen: 18.019 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

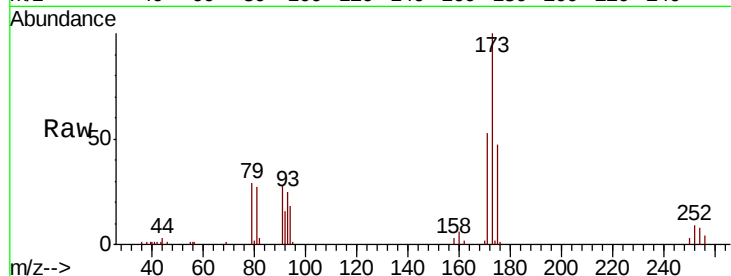
Tgt Ion:173 Resp: 14500

Ion Ratio Lower Upper

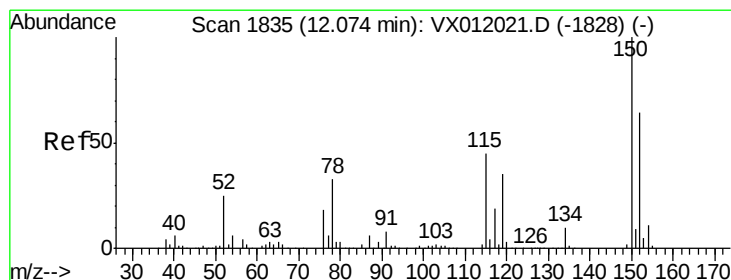
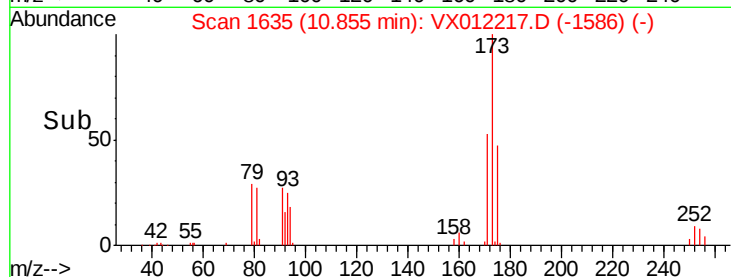
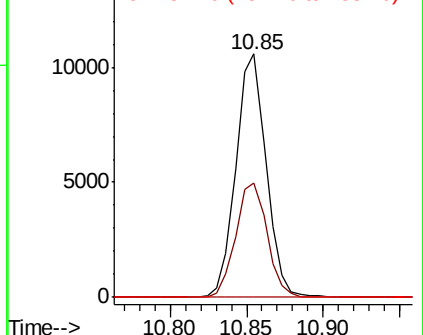
173 100

175 48.5 24.9 74.7

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: VX012217.D

Acq: 08 Sep 2019 12:28

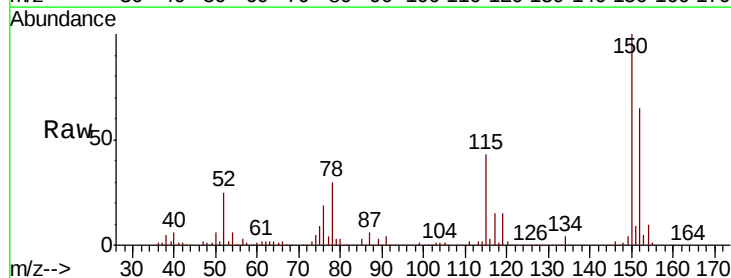
Tgt Ion:152 Resp: 100477

Ion Ratio Lower Upper

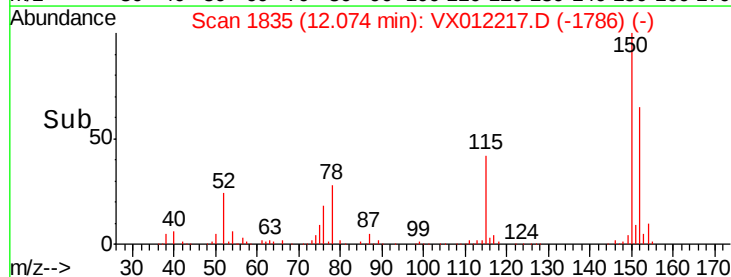
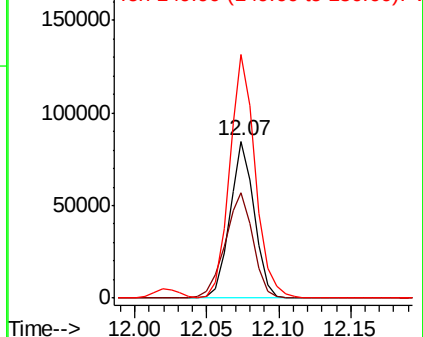
152 100

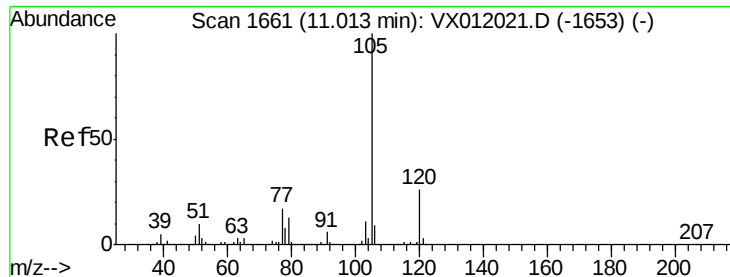
115 76.9 36.4 109.3

150 163.8 0.0 341.2



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: 17.704 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

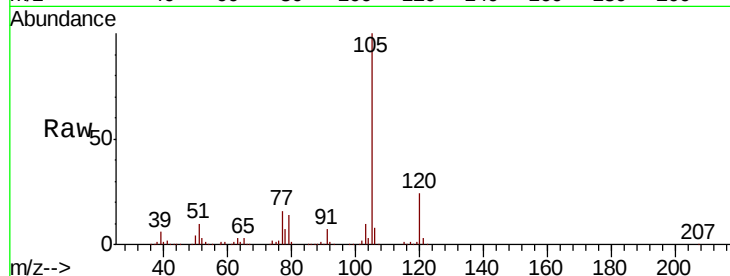
VX0908SBS02

Tgt Ion: 105 Resp: 130514

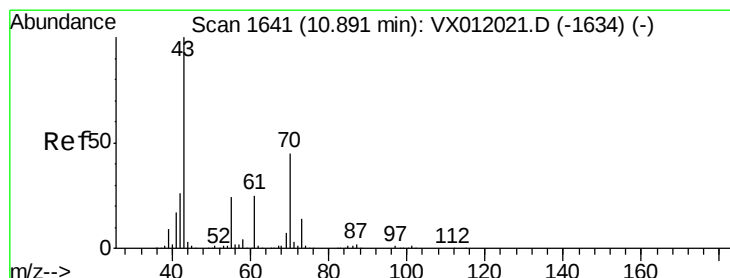
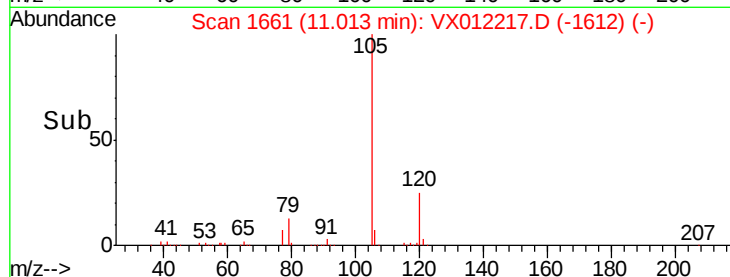
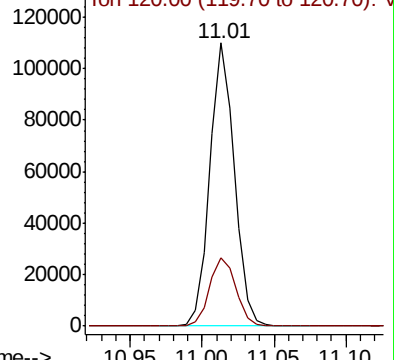
Ion Ratio Lower Upper

105 100

120 25.9 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 18.691 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Tgt Ion: 43 Resp: 40741

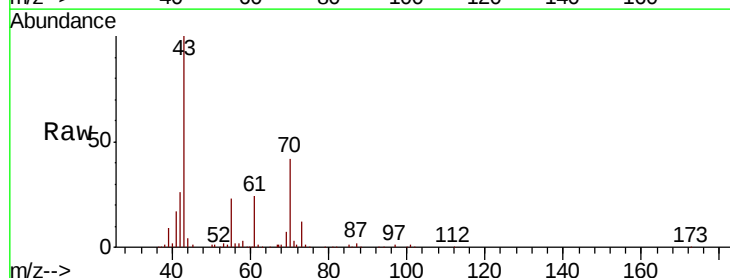
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 24.6 18.5 27.7

61 24.2 19.5 29.3

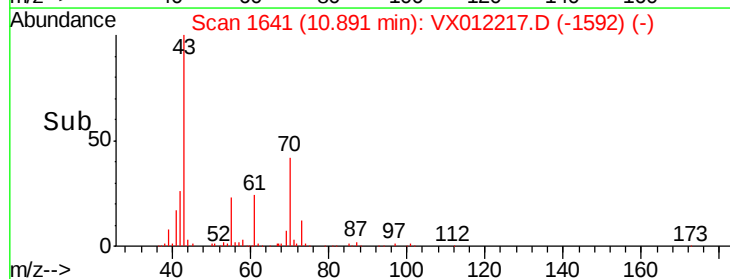
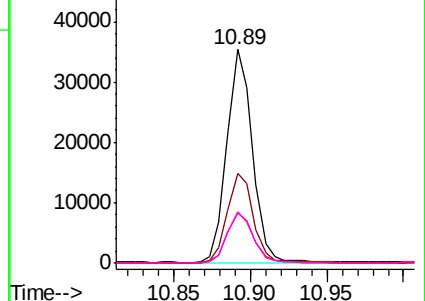


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.398 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

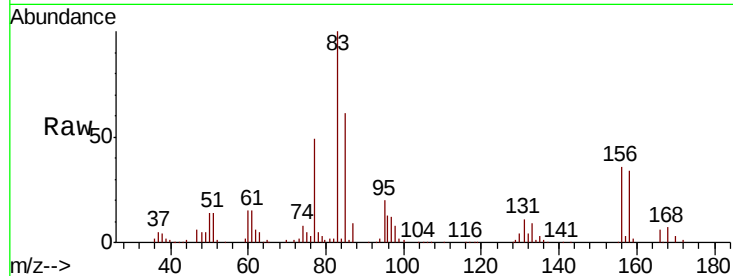
Tgt Ion: 83 Resp: 29813

Ion Ratio Lower Upper

83 100

131 11.2 6.3 19.1

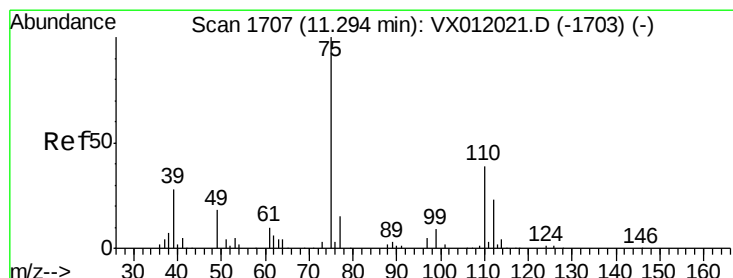
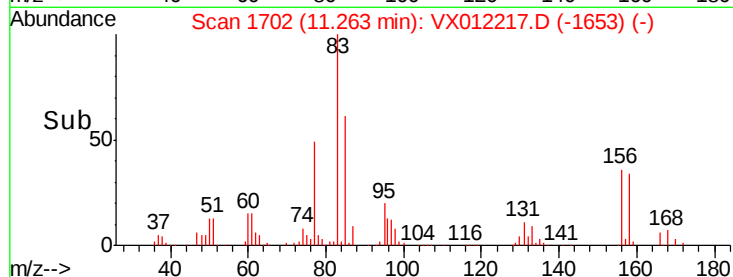
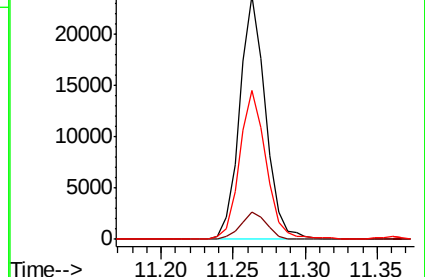
85 62.1 32.5 97.4



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: 26.781 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012217.D

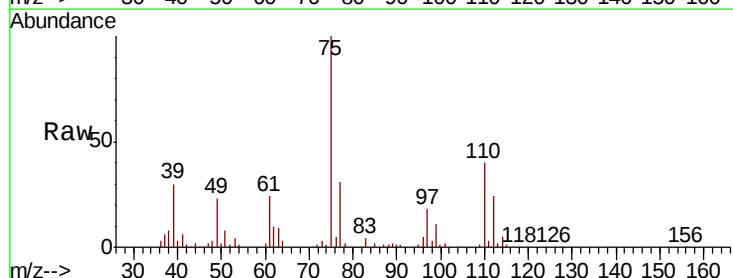
Acq: 08 Sep 2019 12:28

Tgt Ion: 75 Resp: 32878

Ion Ratio Lower Upper

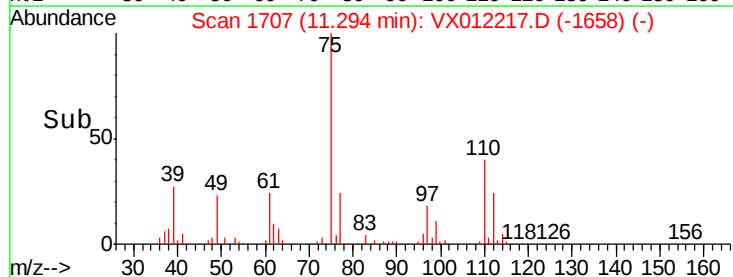
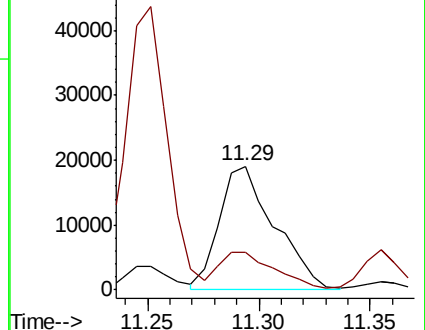
75 100

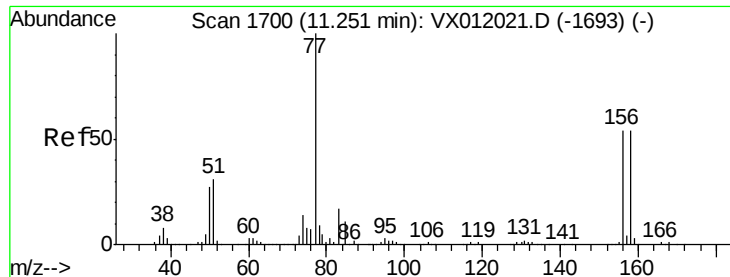
77 30.8 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.921 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

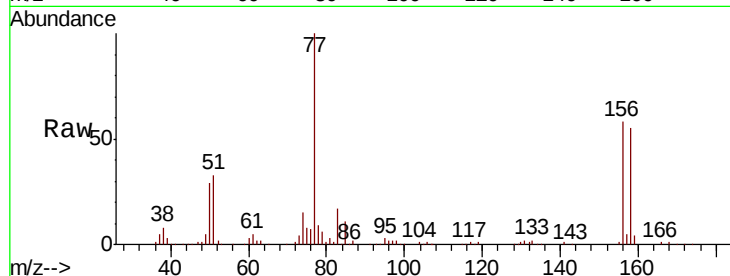
Tgt Ion:156 Resp: 31196

Ion Ratio Lower Upper

156 100

77 183.4 63.4 190.2

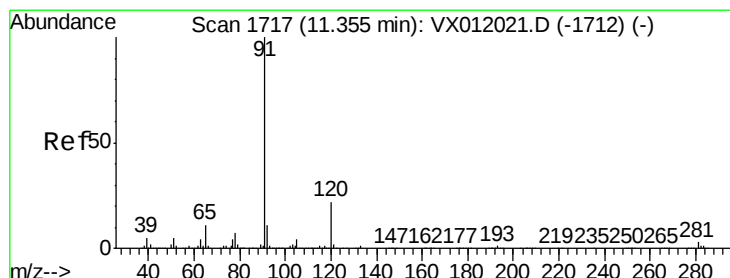
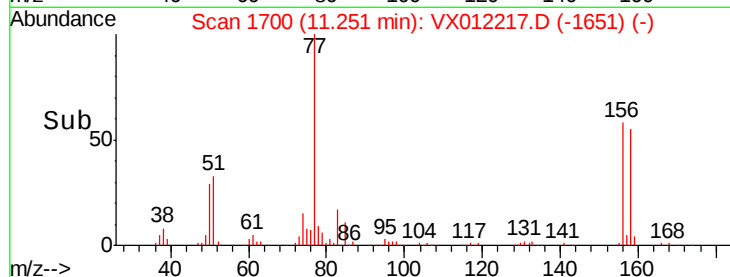
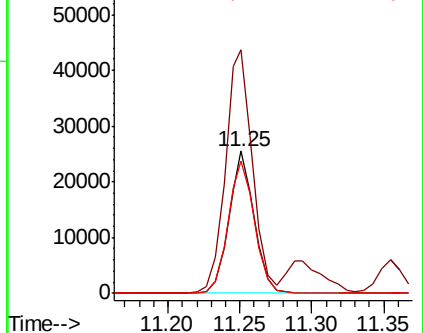
158 97.4 48.9 146.6



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: 17.487 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012217.D

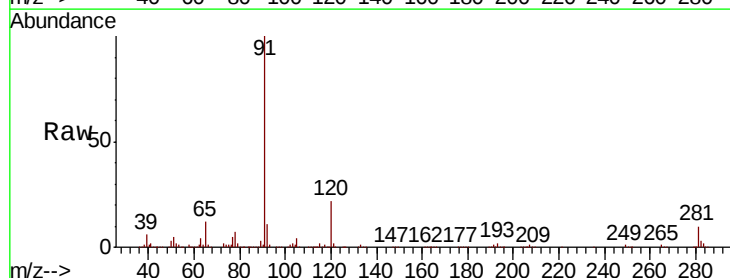
Acq: 08 Sep 2019 12:28

Tgt Ion: 91 Resp: 155743

Ion Ratio Lower Upper

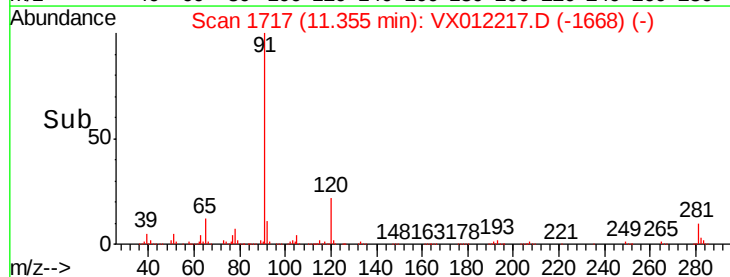
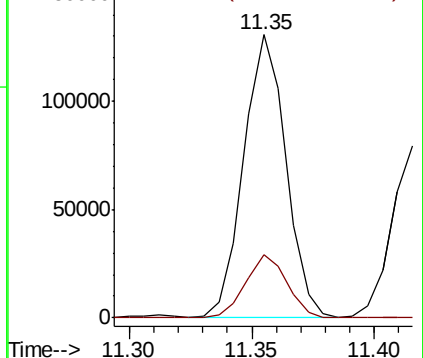
91 100

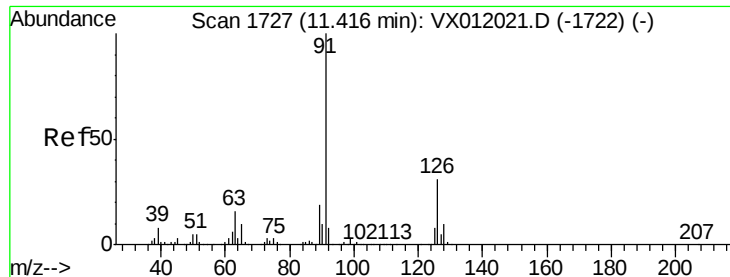
120 22.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.980 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

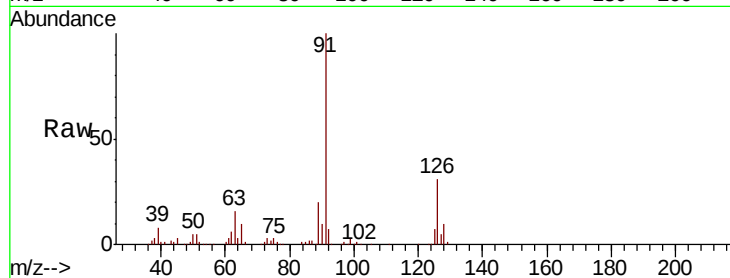
VX0908SBS02

Tgt Ion: 91 Resp: 97014

Ion Ratio Lower Upper

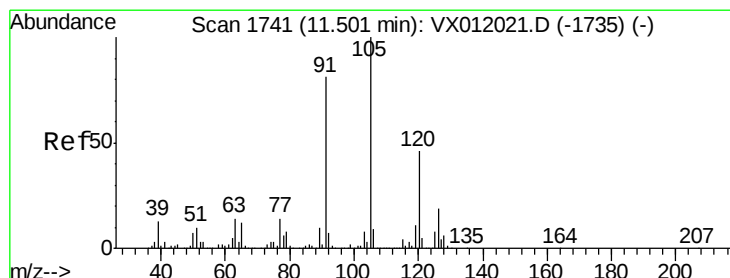
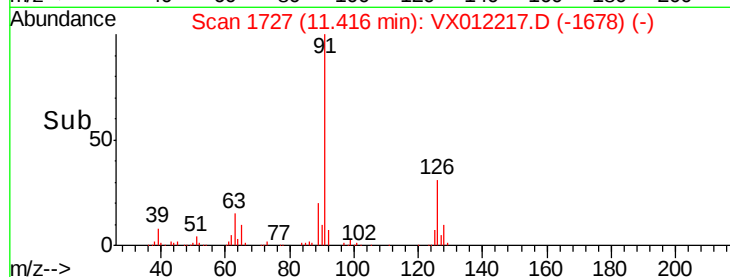
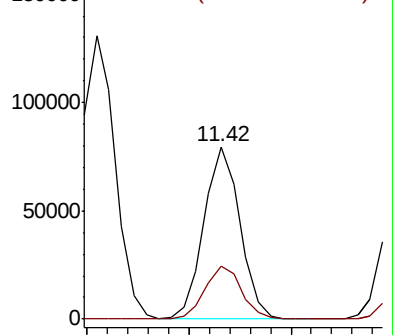
91 100

126 31.6 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.146 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012217.D

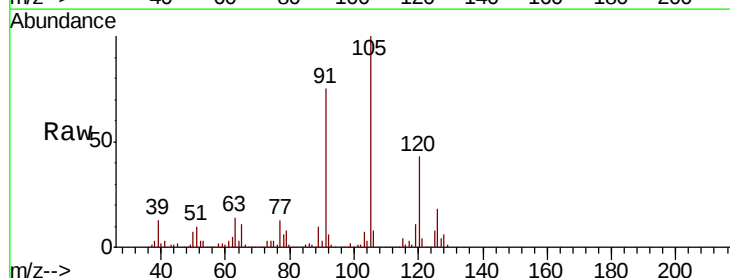
Acq: 08 Sep 2019 12:28

Tgt Ion: 105 Resp: 117233

Ion Ratio Lower Upper

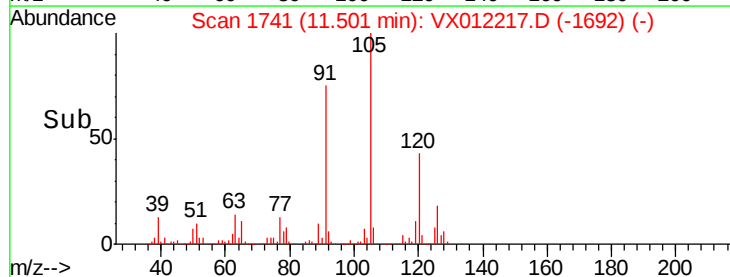
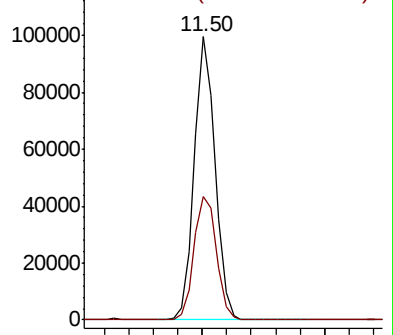
105 100

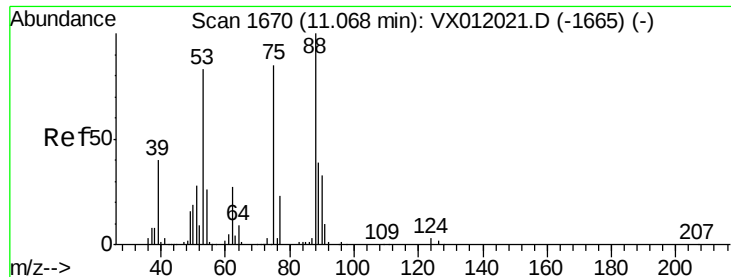
120 47.0 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.440 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

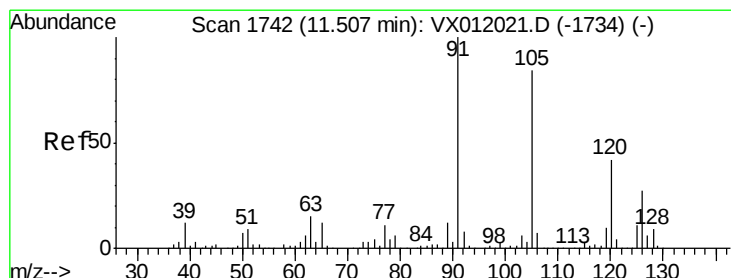
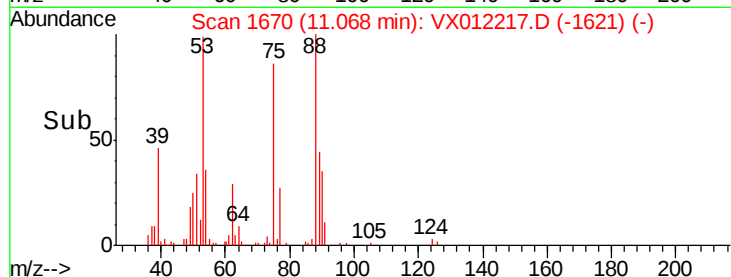
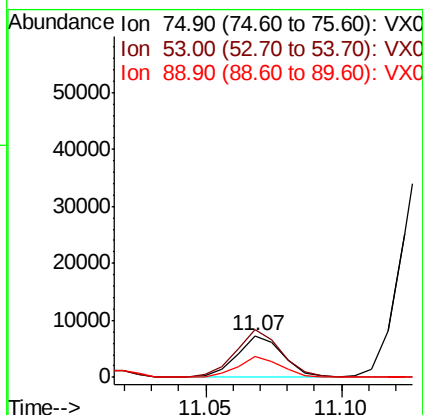
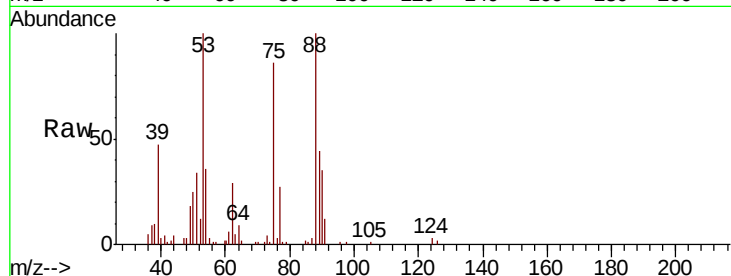
Tgt Ion: 75 Resp: 8537

Ion Ratio Lower Upper

75 100

53 117.3 78.6 117.8

89 49.7 38.8 58.2



#82

4-Chlorotoluene

Concen: 18.336 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012217.D

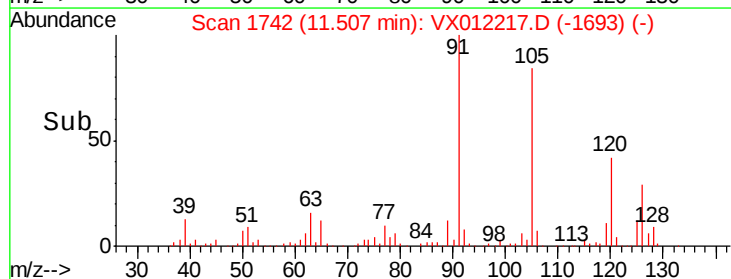
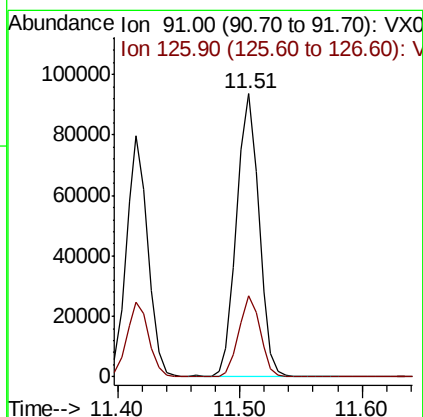
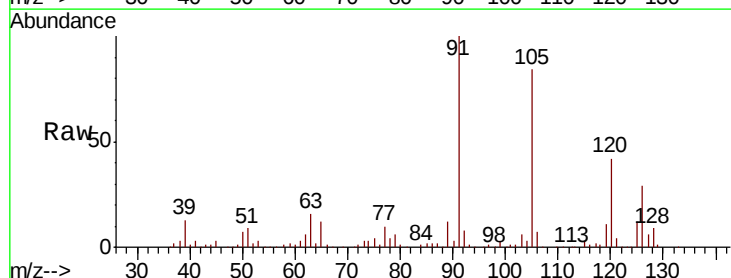
Acq: 08 Sep 2019 12:28

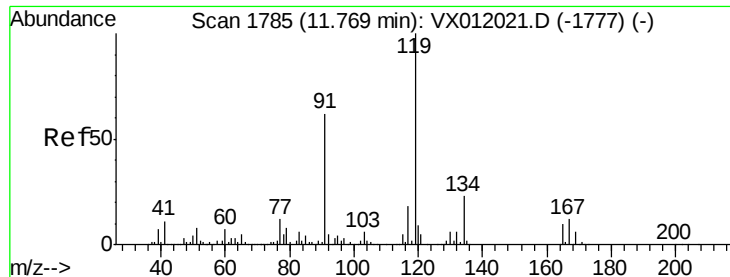
Tgt Ion: 91 Resp: 117926

Ion Ratio Lower Upper

91 100

126 27.8 16.2 48.6

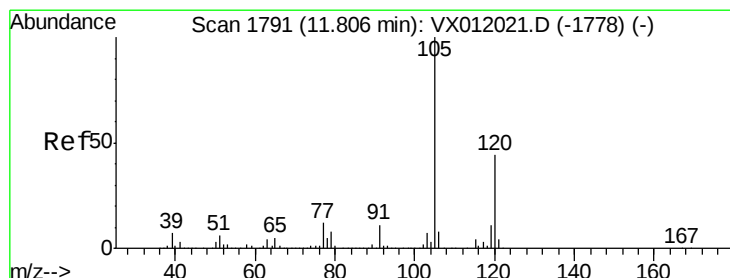
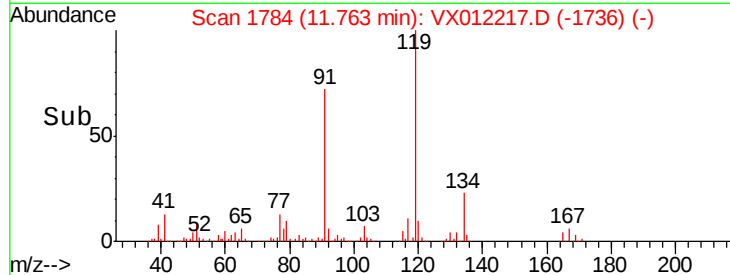
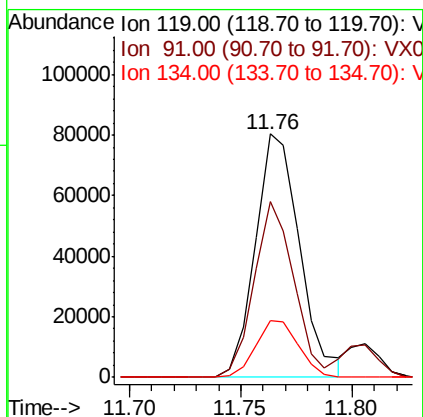
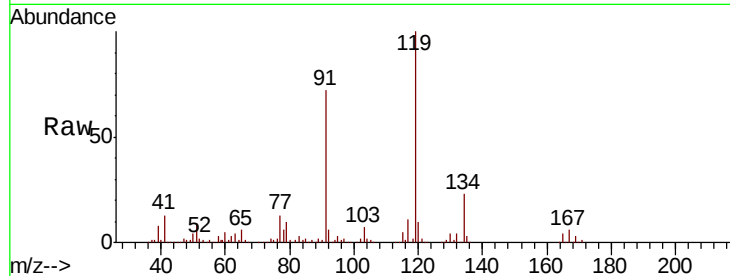




#83
 tert-Butylbenzene
 Concen: 18.076 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

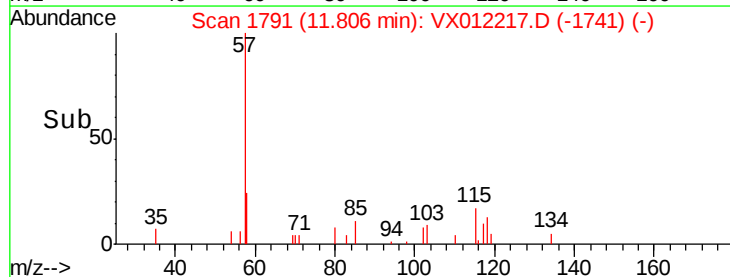
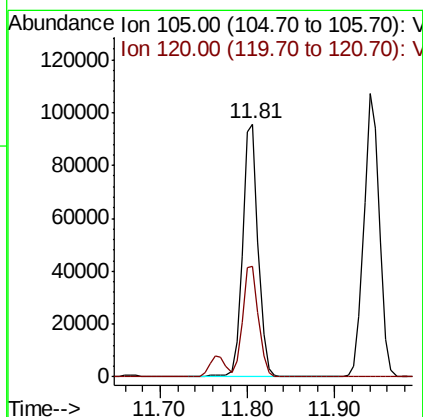
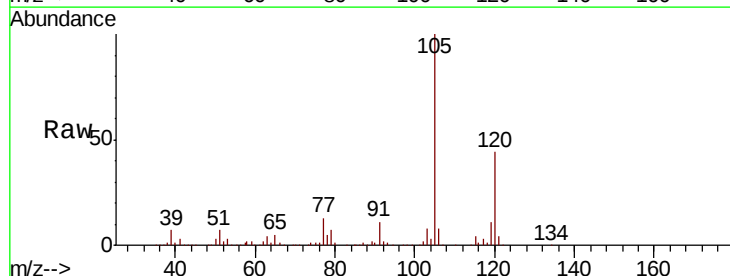
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

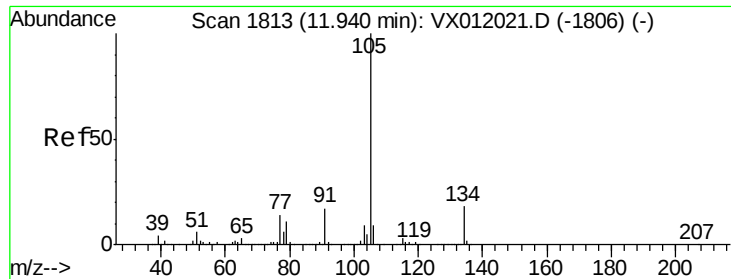
Tgt Ion:119 Resp: 111305
 Ion Ratio Lower Upper
 119 100
 91 64.7 27.1 81.2
 134 22.6 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.869 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion:105 Resp: 118653
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.6 70.8

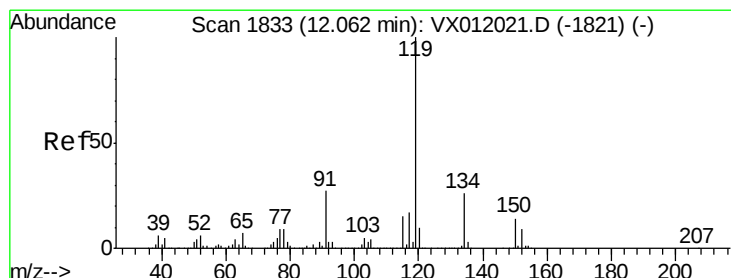
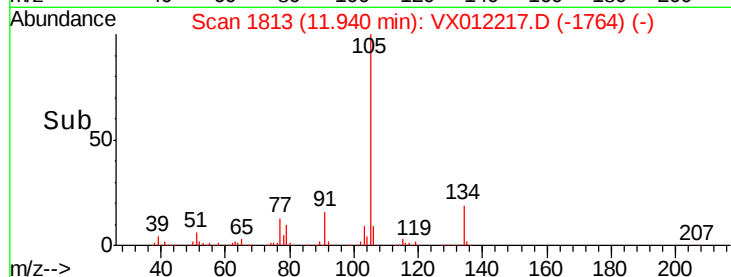
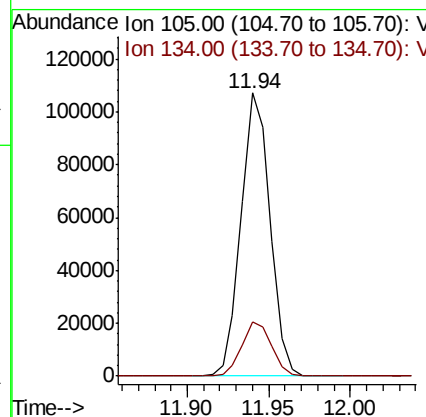
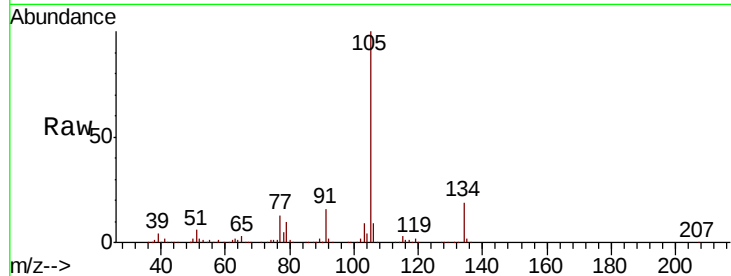




#85
 sec-Butylbenzene
 Concen: 17.394 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

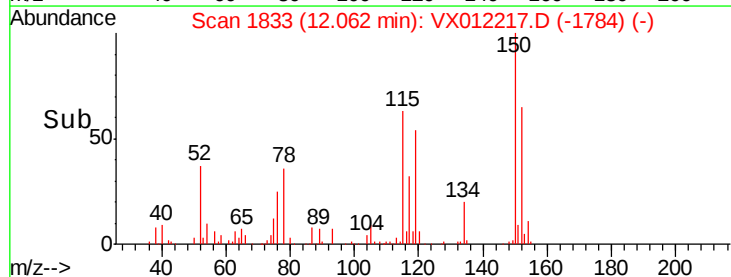
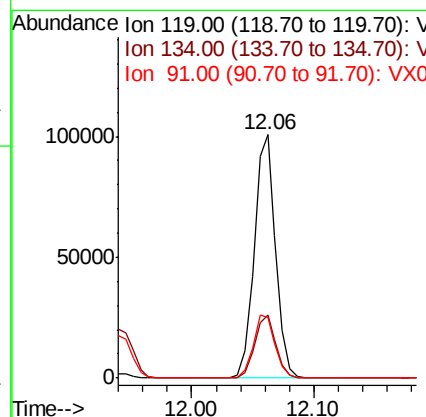
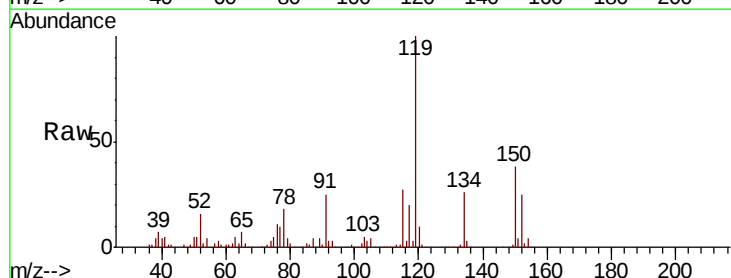
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

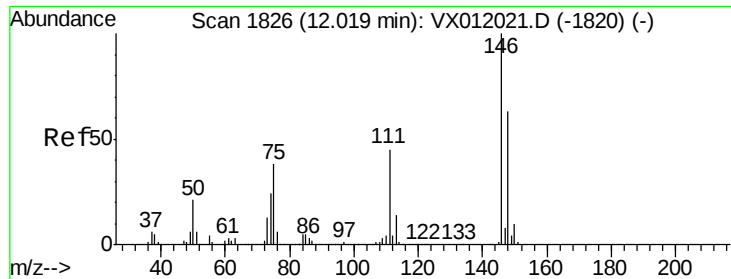
Tgt Ion:105 Resp: 133035
 Ion Ratio Lower Upper
 105 100
 134 19.8 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 17.451 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion:119 Resp: 121383
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.7 41.1
 91 26.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.433 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

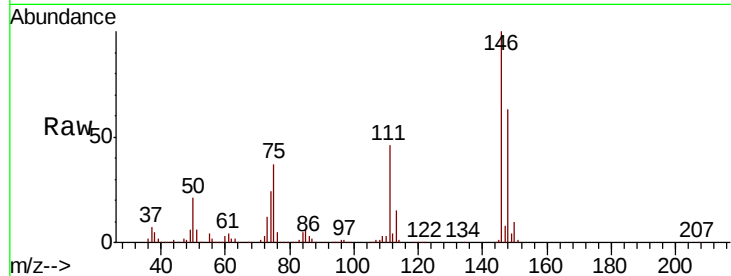
Tgt Ion:146 Resp: 60899

Ion Ratio Lower Upper

146 100

111 45.4 18.1 54.1

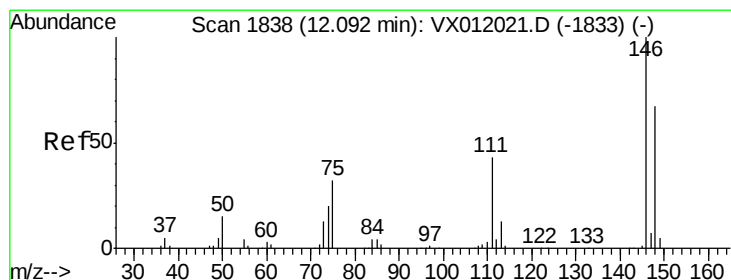
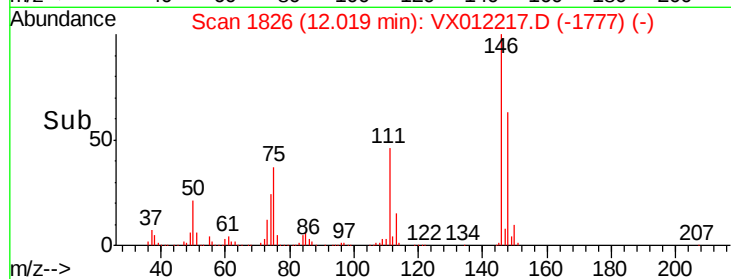
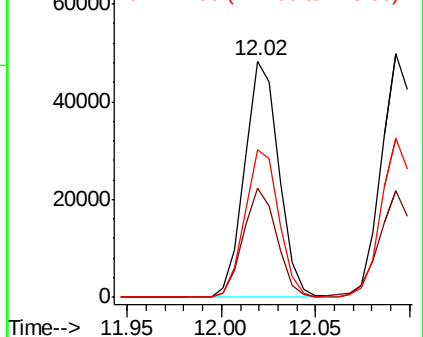
148 62.4 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.643 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

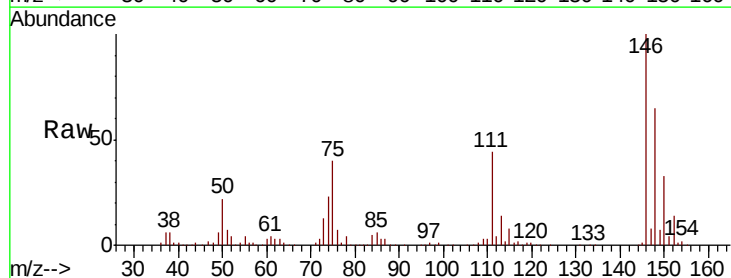
Tgt Ion:146 Resp: 61586

Ion Ratio Lower Upper

146 100

111 44.2 17.7 53.1

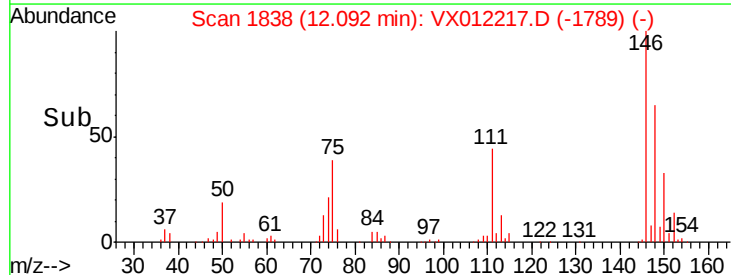
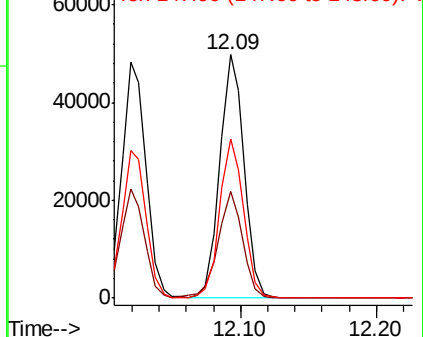
148 64.5 32.4 97.0

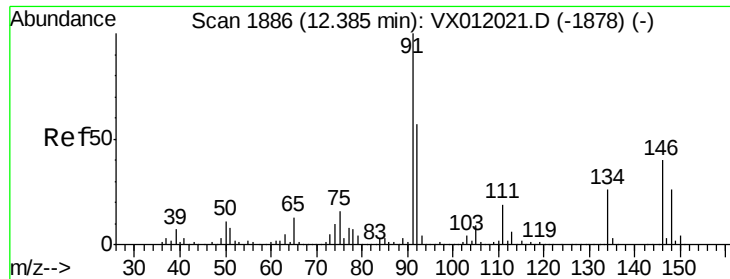


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.465 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012217.D

Acq: 08 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0908SBS02

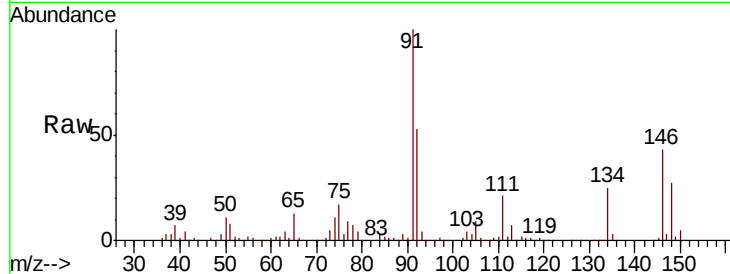
Tgt Ion: 91 Resp: 118010

Ion Ratio Lower Upper

91 100

92 53.3 27.6 82.8

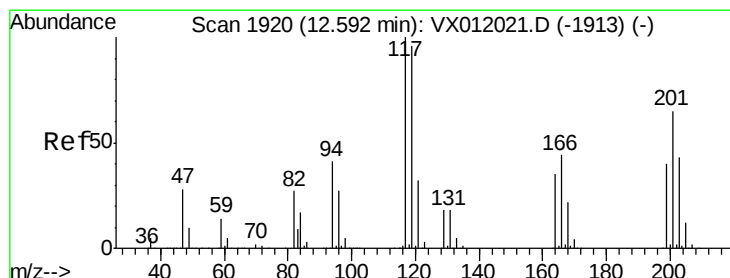
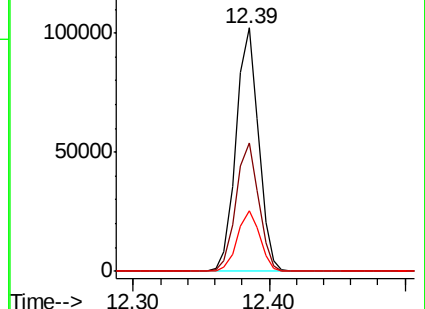
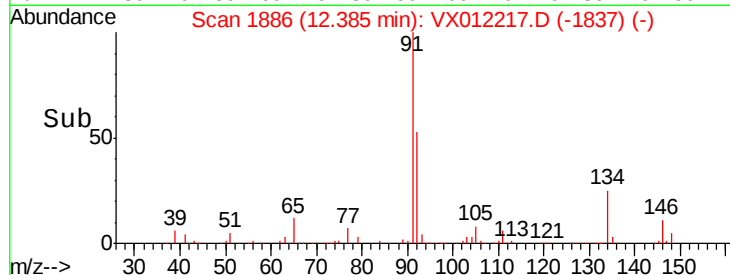
134 25.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.143 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012217.D

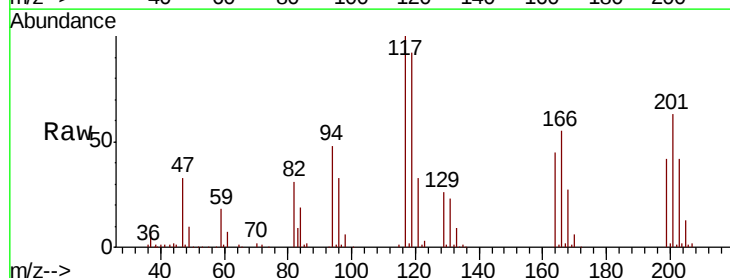
Acq: 08 Sep 2019 12:28

Tgt Ion: 117 Resp: 22420

Ion Ratio Lower Upper

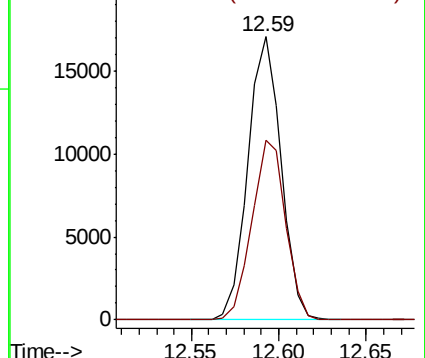
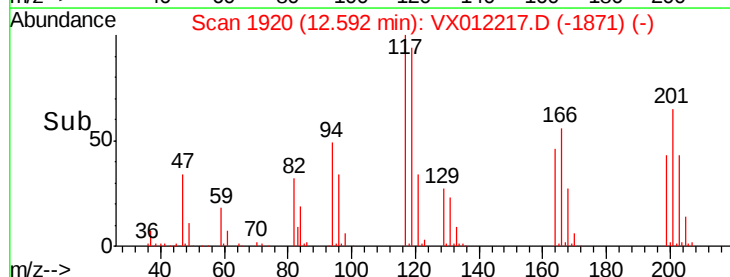
117 100

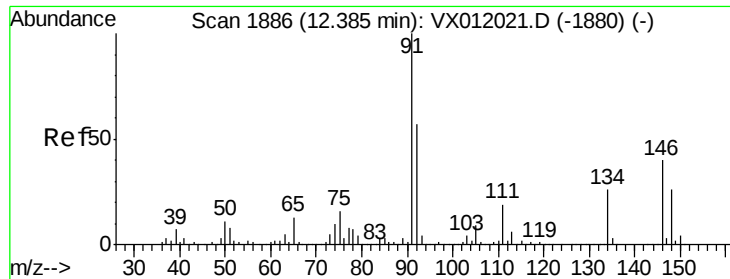
201 64.6 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

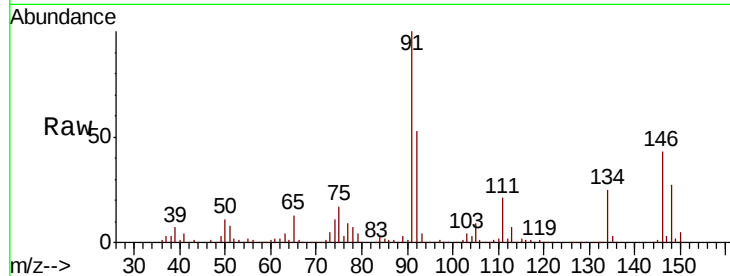




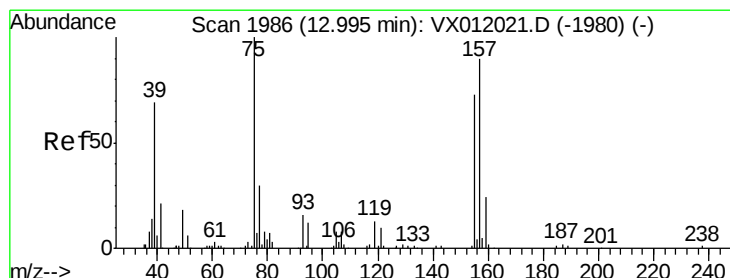
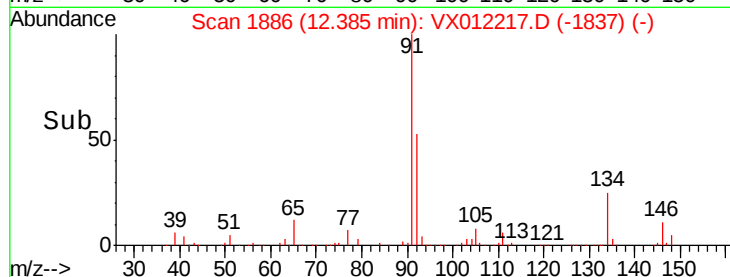
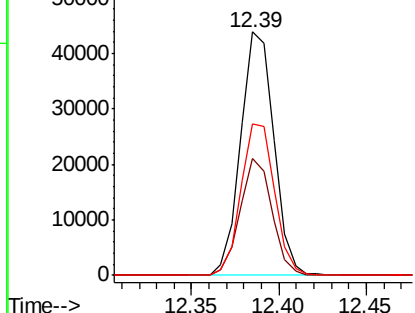
#91
 1,2-Dichlorobenzene
 Concen: 19.504 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tgt Ion:146 Resp: 58035
 Ion Ratio Lower Upper
 146 100
 111 46.0 18.6 56.0
 148 63.1 32.4 97.2

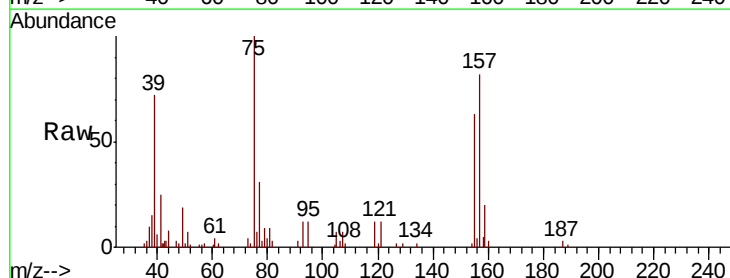


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

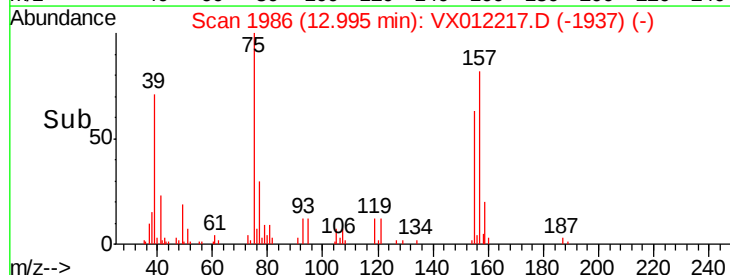
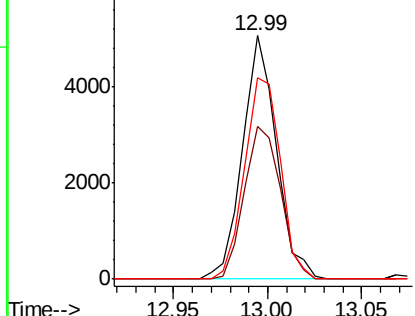


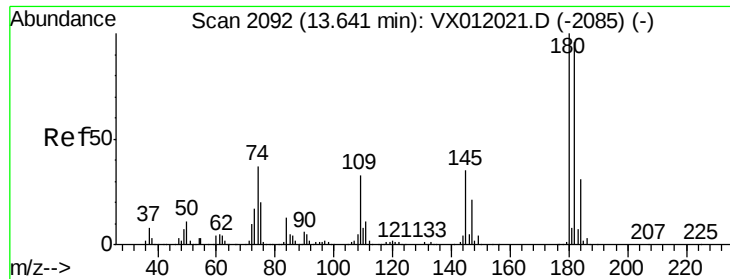
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.695 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion: 75 Resp: 6334
 Ion Ratio Lower Upper
 75 100
 155 67.0 51.7 155.2
 157 87.5 66.9 200.7



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

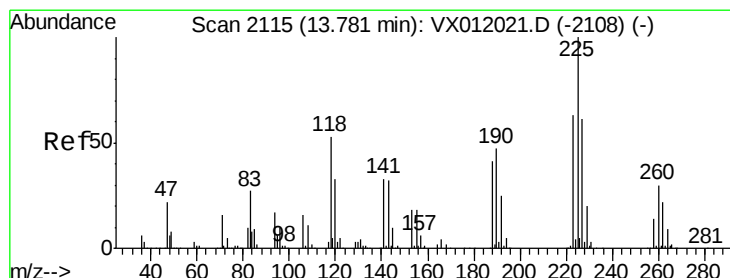
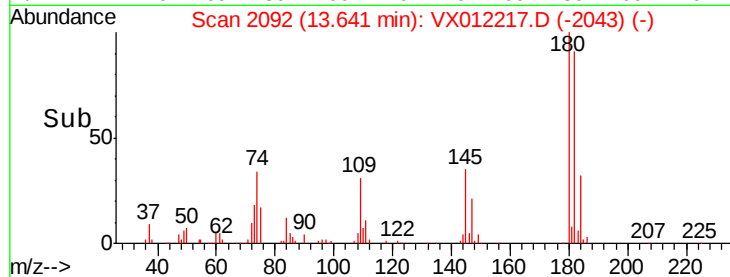
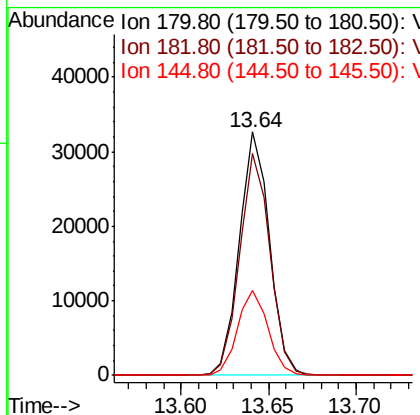
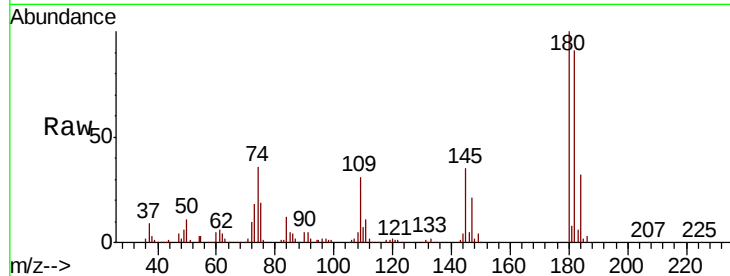




#93
 1,2,4-Trichlorobenzene
 Concen: 18.455 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

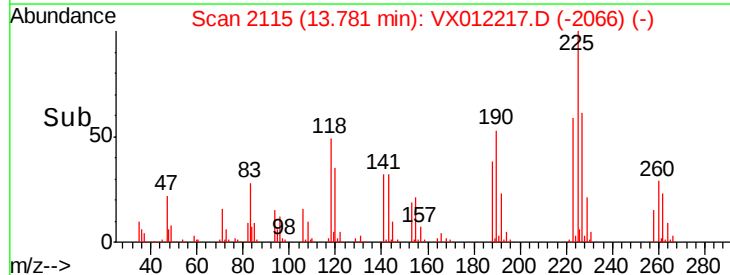
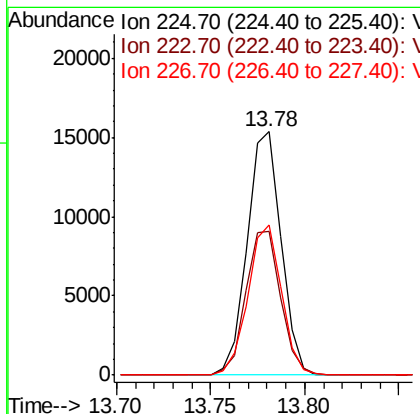
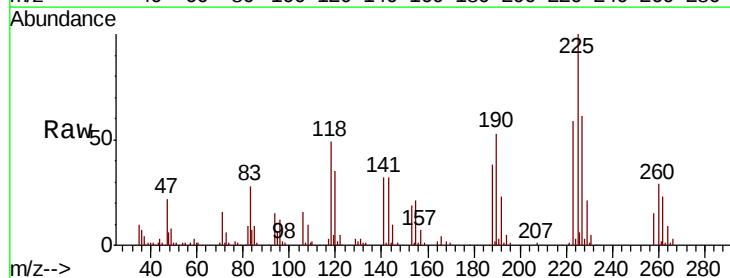
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

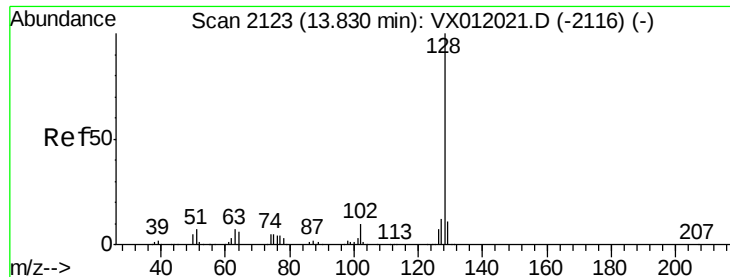
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.3	142.0
145	35.4	13.7	41.0



#94
 Hexachlorobutadiene
 Concen: 17.979 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012217.D
 Acq: 08 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.6	95.0
227	60.9	32.5	97.5

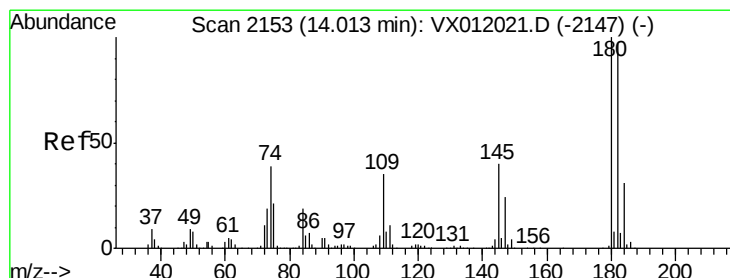
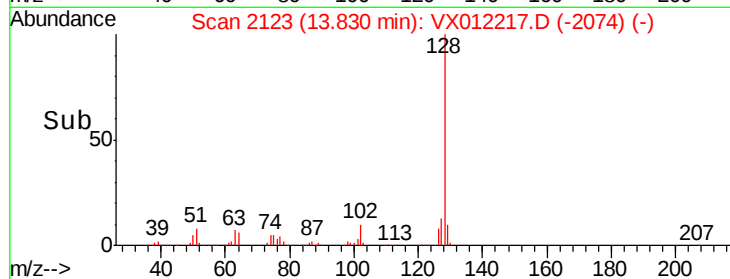
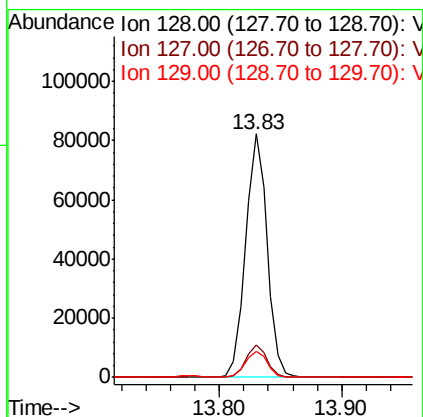
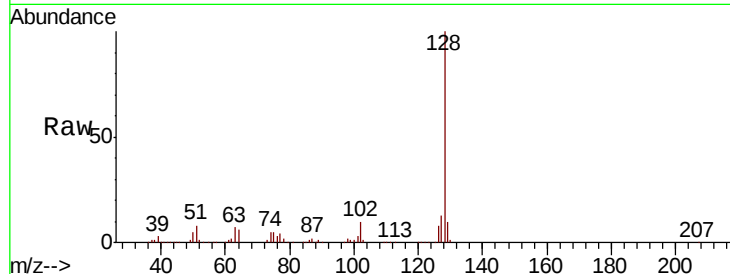




#95
Naphthalene
Concen: 21.902 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tgt Ion:128 Resp: 100390
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.096 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012217.D
Acq: 08 Sep 2019 12:28

Tgt Ion:180 Resp: 35580
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 36.3 14.1 42.4

