

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
 Data File : VX012209.D
 Acq On : 08 Sep 2019 08:37
 Operator : SY/SP
 Sample : VX0907SBS03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

Quant Time: Sep 09 01:20:34 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	140355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	237380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	81796	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
35) Dibromofluoromethane	5.48	113	66768	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	8.71	98	255466	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	105885	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	29195	22.557	ug/l	96
3) Chloromethane	1.31	50	23390	17.646	ug/l	96
4) Vinyl Chloride	1.39	62	24611	19.735	ug/l	97
5) Bromomethane	1.62	94	11001	17.782	ug/l	100
6) Chloroethane	1.70	64	15097	19.473	ug/l	96
7) Trichlorofluoromethane	1.91	101	42843	22.118	ug/l	99
8) Diethyl Ether	2.17	74	12059	18.015	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31203	21.749	ug/l #	83
10) Methyl Iodide	2.50	142	9045	12.345	ug/l	95
11) Tert butyl alcohol	3.03	59	14855	79.860	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	25646	18.556	ug/l	89
13) Acrolein	2.28	56	4570	71.258	ug/l	95
14) Allyl chloride	2.71	41	46146	18.453	ug/l	97
15) Acrylonitrile	3.12	53	36220	86.110	ug/l	98
16) Acetone	2.43	43	41678	90.038	ug/l	99
17) Carbon Disulfide	2.55	76	54011	13.372	ug/l	99
18) Methyl Acetate	2.76	43	17596	16.136	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	79545	17.679	ug/l	97
20) Methylene Chloride	2.84	84	30649	16.488	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	28440	17.536	ug/l	91
22) Diisopropyl ether	3.84	45	96005	18.835	ug/l	94
23) Vinyl Acetate	3.80	43	294680	89.368	ug/l	96
24) 1,1-Dichloroethane	3.68	63	55246	18.688	ug/l	97
25) 2-Butanone	4.65	43	52079	88.385	ug/l	99
26) 2,2-Dichloropropane	4.56	77	56843	20.826	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	34371	18.079	ug/l	89
28) Bromochloromethane	5.00	49	23245	19.698	ug/l #	78
29) Tetrahydrofuran	5.11	42	30156	84.944	ug/l	96
30) Chloroform	5.20	83	60550	19.088	ug/l	99
31) Cyclohexane	5.56	56	45130	19.008	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	57169	20.693	ug/l	95
36) 1,1-Dichloropropene	5.78	75	42715	20.431	ug/l	95
37) Ethyl Acetate	4.82	43	20550	18.075	ug/l	96
38) Carbon Tetrachloride	5.78	117	48182	21.871	ug/l	95

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 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)
39) Methylcyclohexane	7.45	83	49512	20.404	ug/l	95
40) Benzene	6.13	78	119364	19.887	ug/l	98
41) Methacrylonitrile	5.02	41	12708	18.743	ug/l	96
42) 1,2-Dichloroethane	6.18	62	43167	19.985	ug/l	97
43) Isopropyl Acetate	6.43	43	42426	18.353	ug/l	99
44) Trichloroethene	7.20	130	32543	20.102	ug/l	84
45) 1,2-Dichloropropane	7.50	63	31040	20.017	ug/l	97
46) Dibromomethane	7.65	93	16852	18.616	ug/l #	75
47) Bromodichloromethane	7.89	83	45110	19.604	ug/l #	99
48) Methyl methacrylate	7.76	41	20437	17.582	ug/l	96
49) 1,4-Dioxane	7.73	88	5323	335.934	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	109981	93.535	ug/l	97
52) Toluene	8.78	92	77091	19.740	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	43294	18.174	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	48824	18.430	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	24768	19.138	ug/l	97
56) Ethyl methacrylate	9.17	69	32335	17.443	ug/l	94
57) 1,3-Dichloropropane	9.37	76	42256	18.921	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	74448	89.079	ug/l	92
59) 2-Hexanone	9.48	43	80228	93.508	ug/l	96
60) Dibromochloromethane	9.57	129	29263	18.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	22521	18.008	ug/l	100
64) Tetrachloroethene	9.33	164	29238	22.229	ug/l #	87
65) Chlorobenzene	10.14	112	85094	20.442	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	31384	20.619	ug/l	97
67) Ethyl Benzene	10.25	91	160689	21.177	ug/l	97
68) m/p-Xylenes	10.36	106	117556	42.049	ug/l	91
69) o-Xylene	10.70	106	55518	20.479	ug/l	88
70) Styrene	10.71	104	95826	20.351	ug/l	95
71) Bromoform	10.85	173	14707	17.592	ug/l #	100
73) Isopropylbenzene	11.01	105	163819	21.359	ug/l	96
74) N-amyl acetate	10.89	43	40424	17.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	29125	18.215	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	31516	24.675	ug/l	78
77) Bromobenzene	11.25	156	34650	20.200	ug/l	71
78) n-propylbenzene	11.35	91	198346	21.406	ug/l	94
79) 2-Chlorotoluene	11.42	91	116185	20.697	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	142221	21.160	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	8527	15.783	ug/l	89
82) 4-Chlorotoluene	11.51	91	141361	21.128	ug/l	91
83) tert-Butylbenzene	11.76	119	136639	21.329	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	140077	20.277	ug/l	94
85) sec-Butylbenzene	11.94	105	168916	21.229	ug/l	95
86) p-Isopropyltoluene	12.06	119	154155	21.303	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	68175	19.834	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	70359	20.472	ug/l	94
89) n-Butylbenzene	12.39	91	148775	21.164	ug/l	96
90) Hexachloroethane	12.59	117	27049	18.721	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	62727	20.263	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5392	16.115	ug/l	67

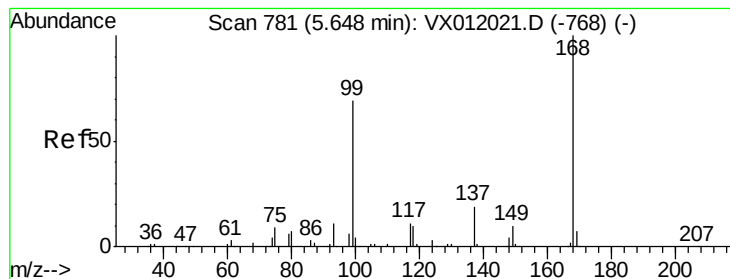
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	40902	18.563	ug/l	97
94) Hexachlorobutadiene	13.78	225	23214	20.901	ug/l	97
95) Naphthalene	13.83	128	78562	16.474	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	34903	18.006	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

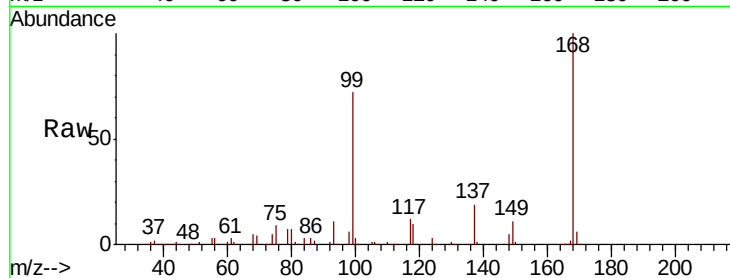
VX0907SBS03

Tgt Ion:168 Resp: 140355

Ion Ratio Lower Upper

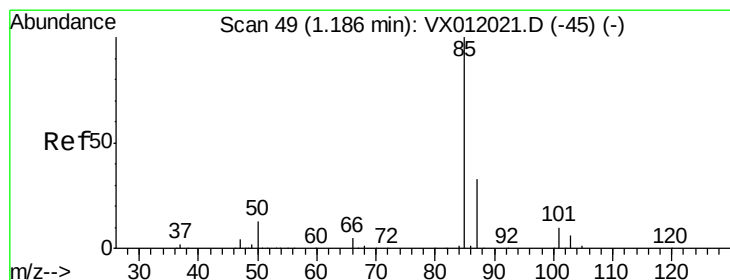
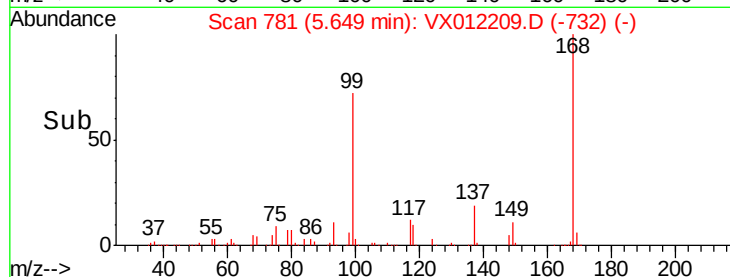
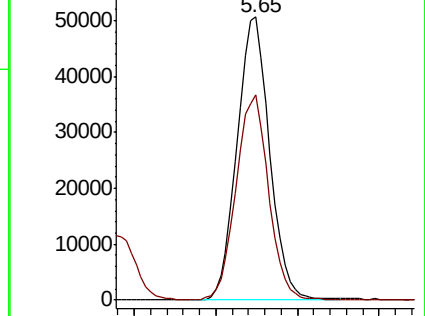
168 100

99 72.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.557 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012209.D

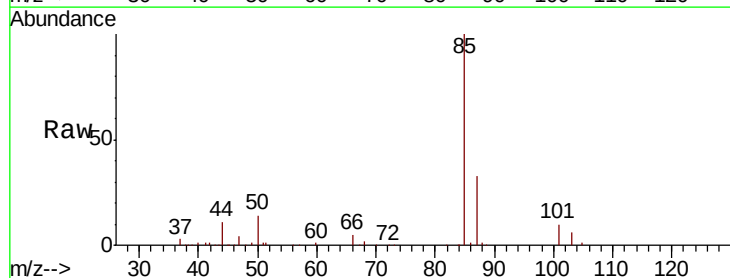
Acq: 08 Sep 2019 08:37

Tgt Ion: 85 Resp: 29195

Ion Ratio Lower Upper

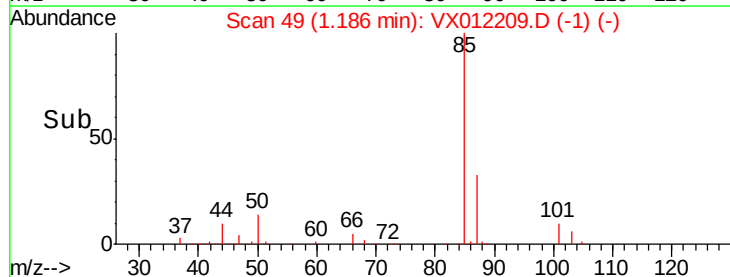
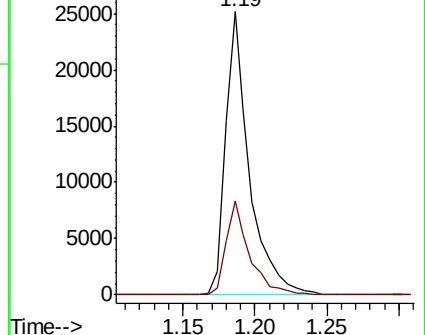
85 100

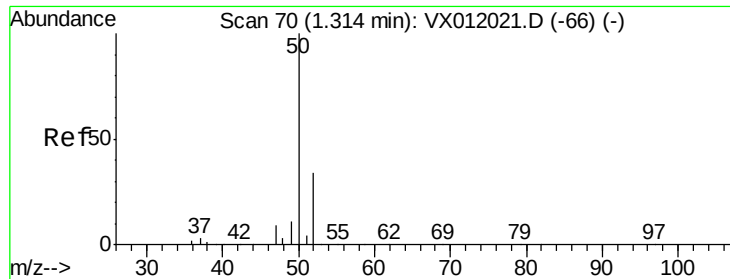
87 33.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.646 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

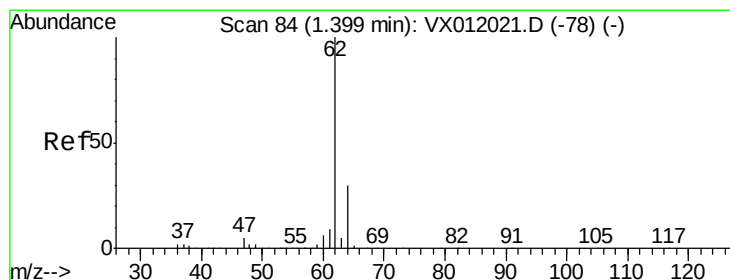
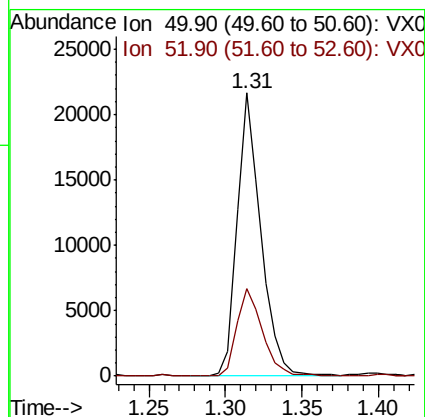
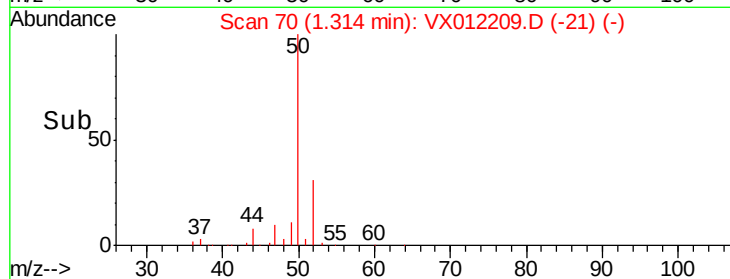
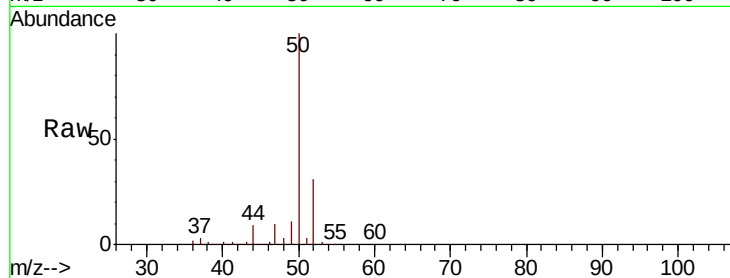
VX0907SBS03

Tgt Ion: 50 Resp: 23390

Ion Ratio Lower Upper

50 100

52 30.9 26.5 39.7



#4

Vinyl Chloride

Concen: 19.735 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012209.D

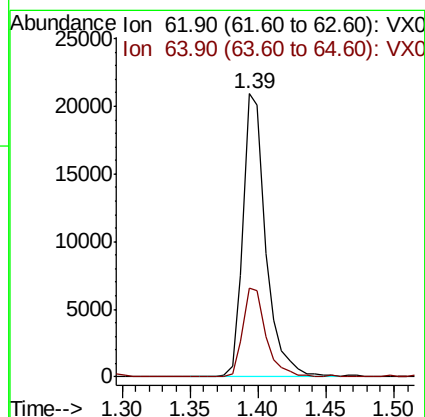
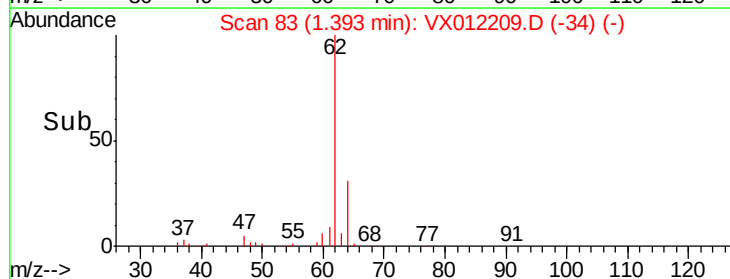
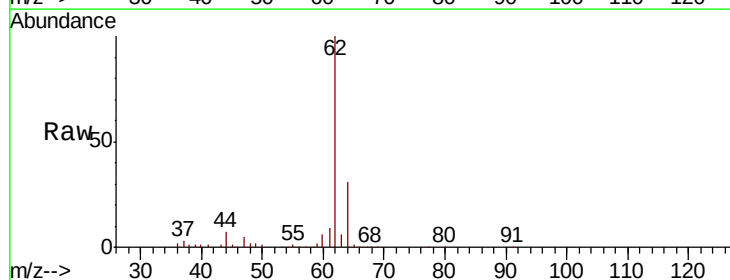
Acq: 08 Sep 2019 08:37

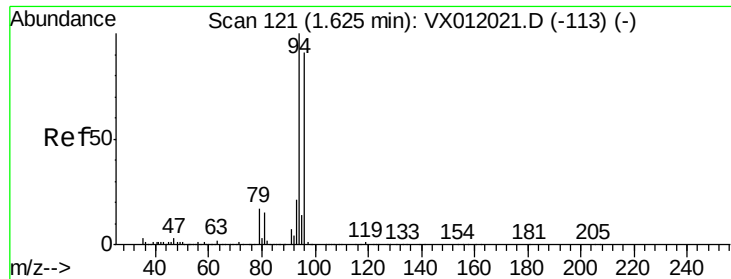
Tgt Ion: 62 Resp: 24611

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.4





#5

Bromomethane

Concen: 17.782 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

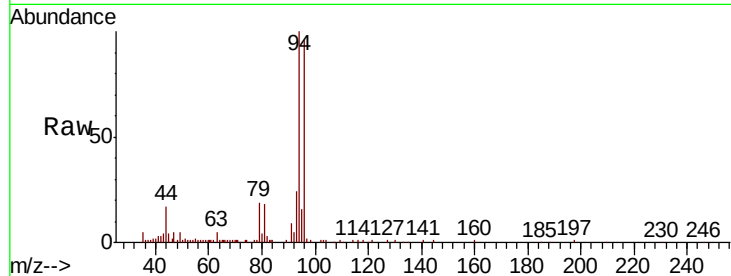
VX0907SBS03

Tgt Ion: 94 Resp: 11001

Ion Ratio Lower Upper

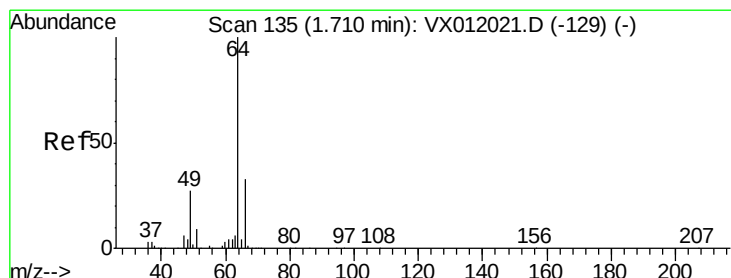
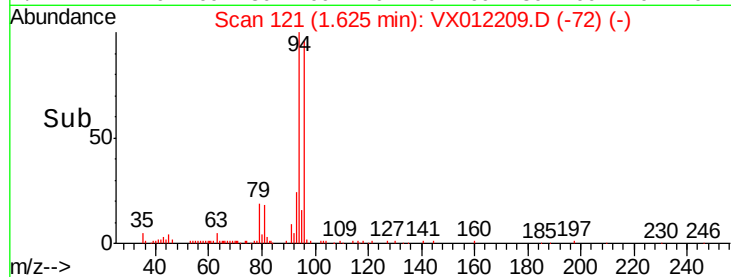
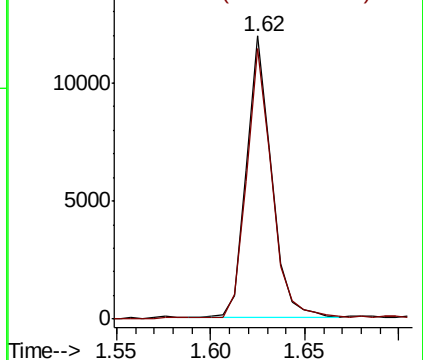
94 100

96 95.5 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: 19.473 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012209.D

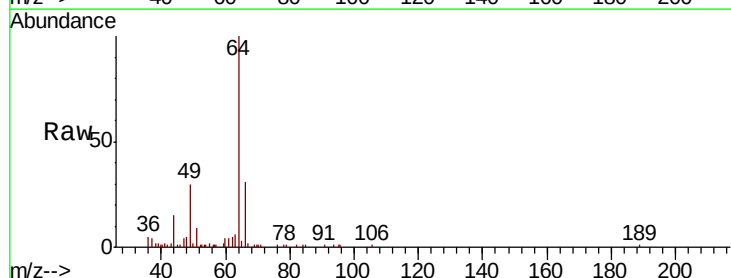
Acq: 08 Sep 2019 08:37

Tgt Ion: 64 Resp: 15097

Ion Ratio Lower Upper

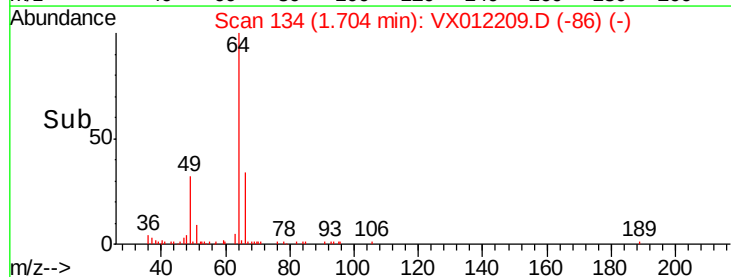
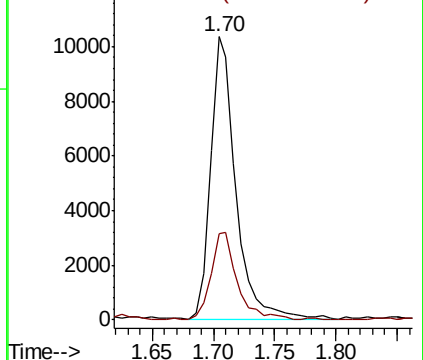
64 100

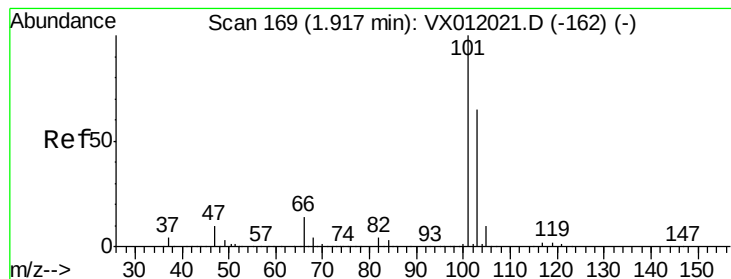
66 30.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



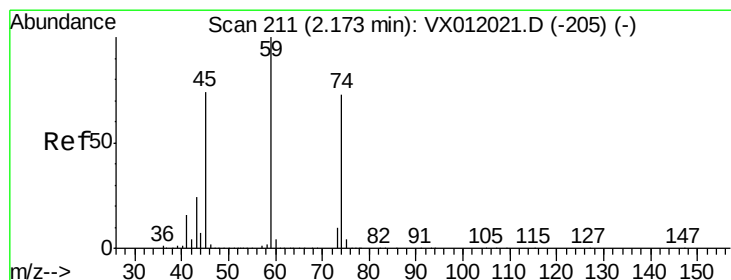
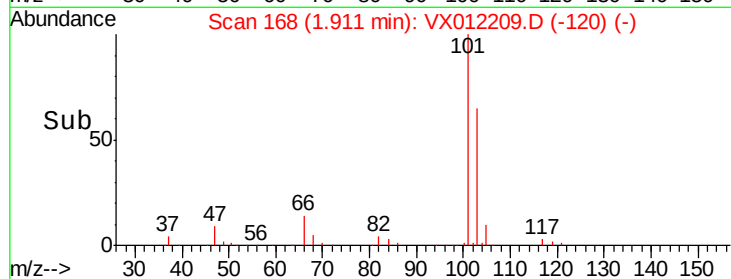
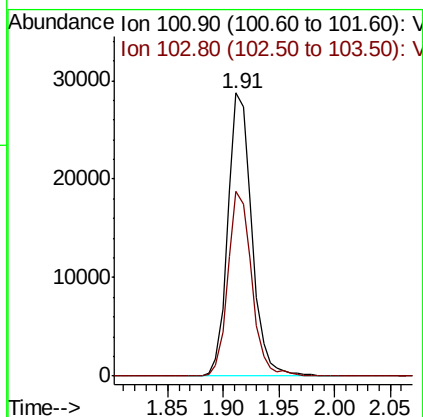
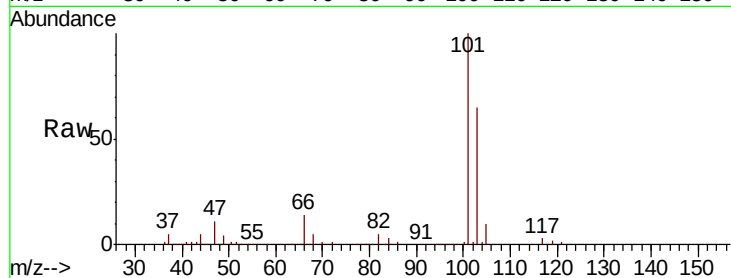


#7

Trichlorofluoromethane
 Concen: 22.118 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

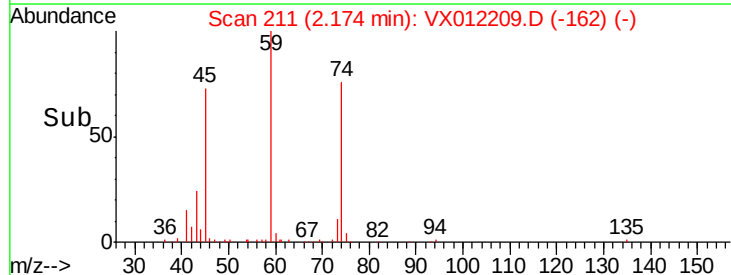
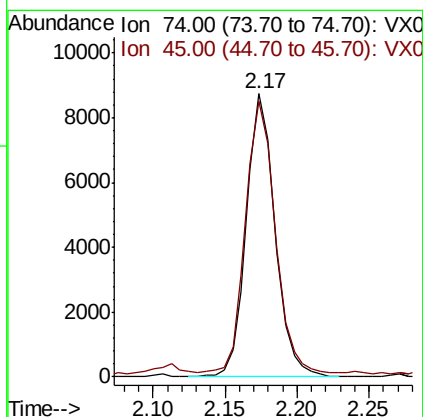
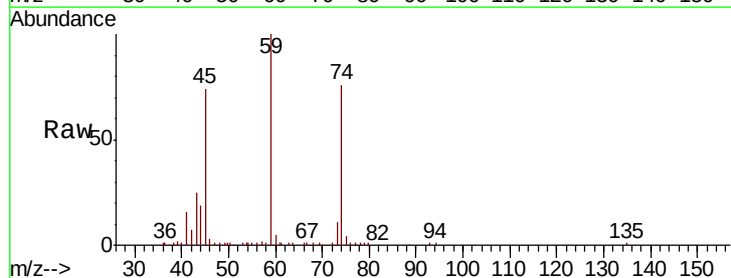
Tgt Ion:101 Resp: 42843
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4

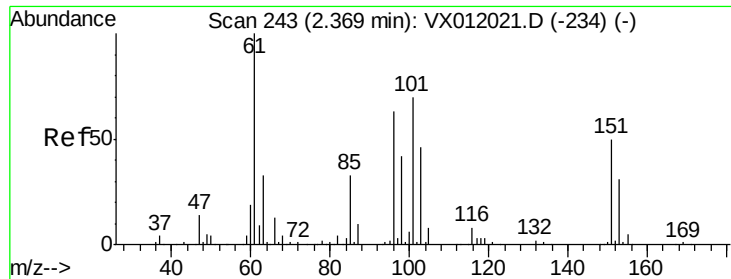


#8

Diethyl Ether
 Concen: 18.015 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 74 Resp: 12059
 Ion Ratio Lower Upper
 74 100
 45 99.5 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.749 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

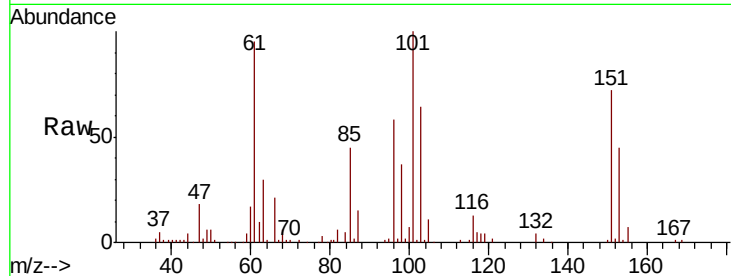
Tgt Ion:101 Resp: 31203

Ion Ratio Lower Upper

101 100

85 45.5 34.5 51.7

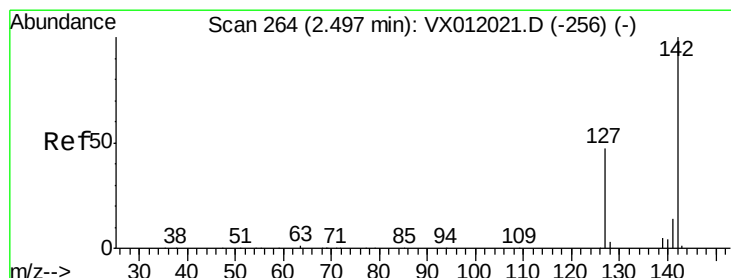
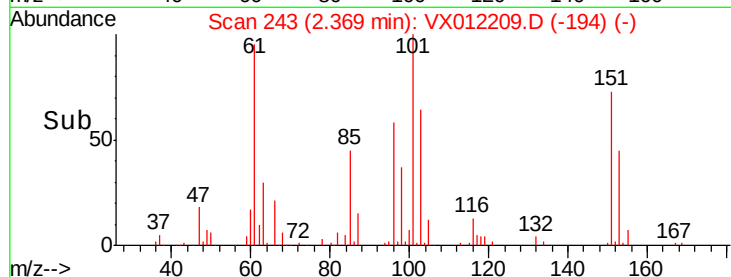
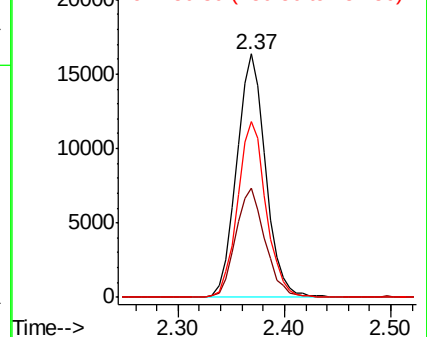
151 71.1 75.0 112.4#



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: 12.345 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

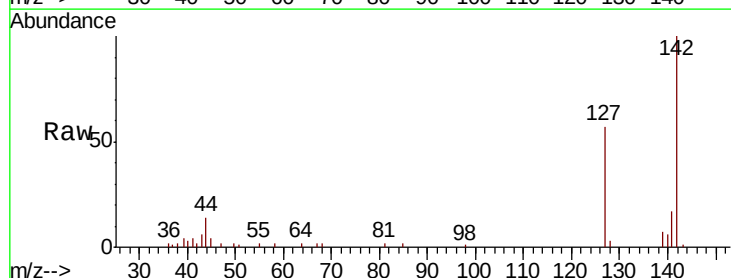
Tgt Ion:142 Resp: 9045

Ion Ratio Lower Upper

142 100

127 48.8 35.4 53.2

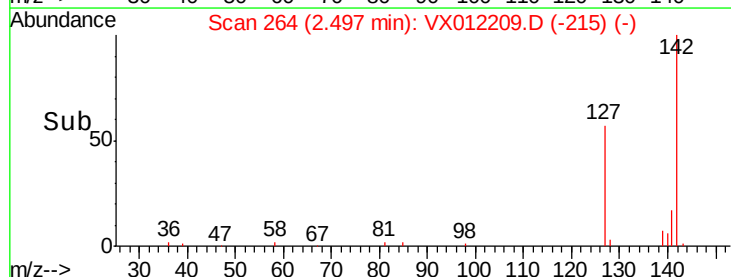
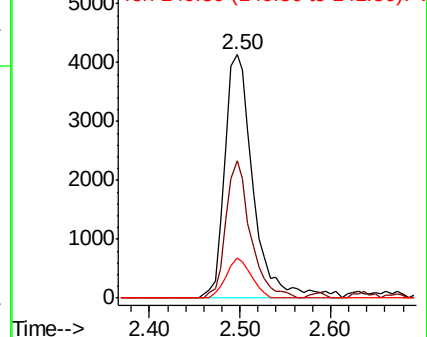
141 14.4 11.4 17.2

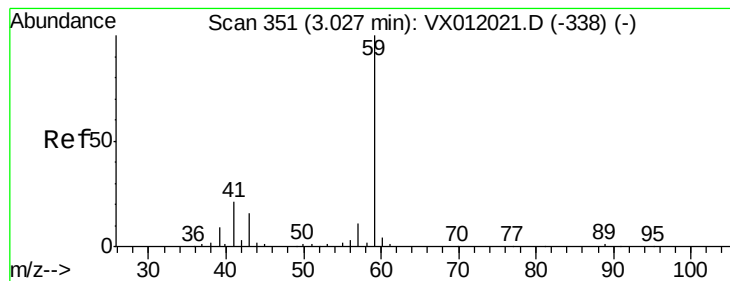


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



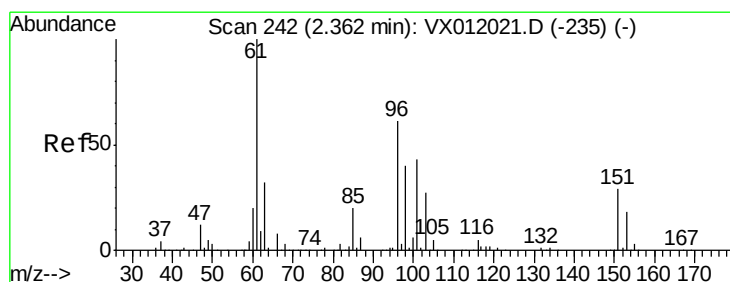
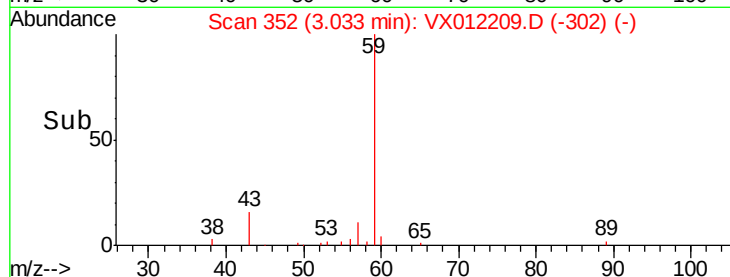
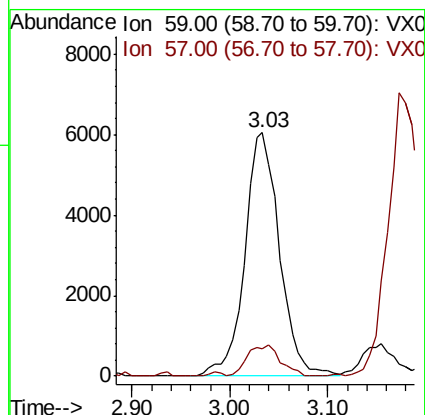
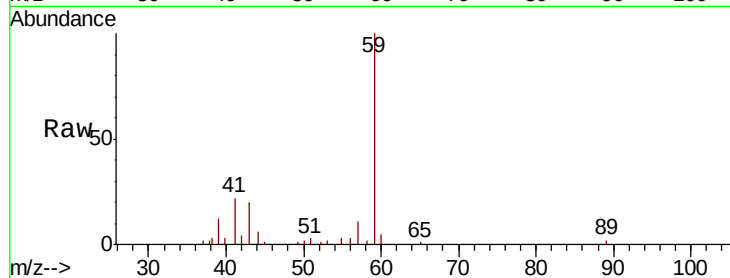


#11

Tert butyl alcohol
 Concen: 79.860 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

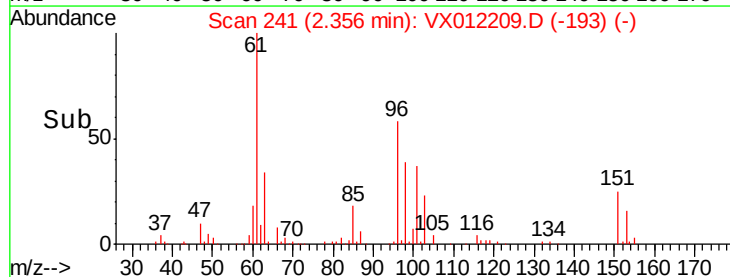
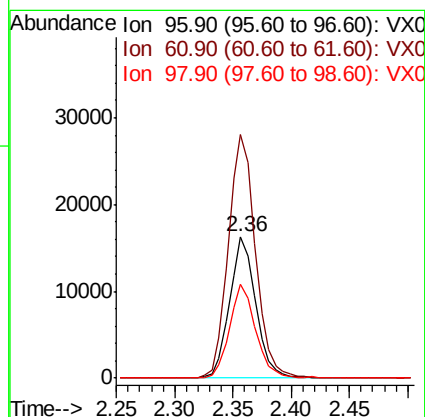
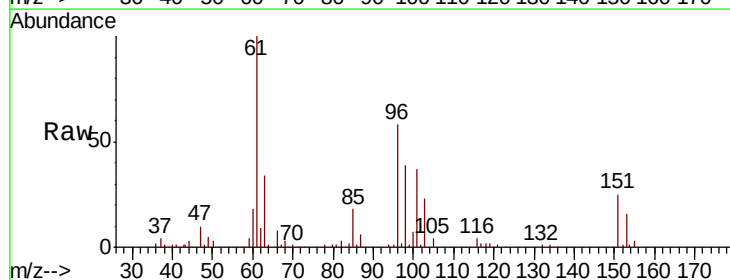
Tgt Ion: 59 Resp: 14855
 Ion Ratio Lower Upper
 59 100
 57 12.0 7.9 11.9#

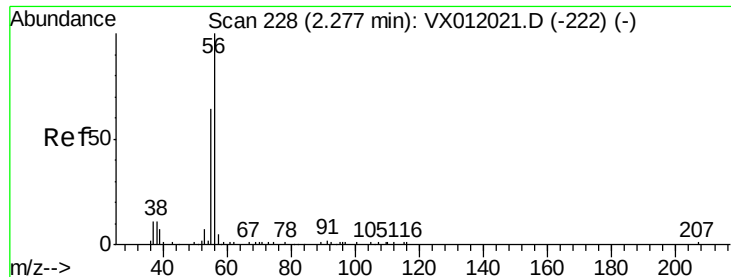


#12

1,1-Dichloroethene
 Concen: 18.556 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 96 Resp: 25646
 Ion Ratio Lower Upper
 96 100
 61 171.9 124.1 186.1
 98 66.6 50.2 75.2





#13

Acrolein

Concen: 71.258 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

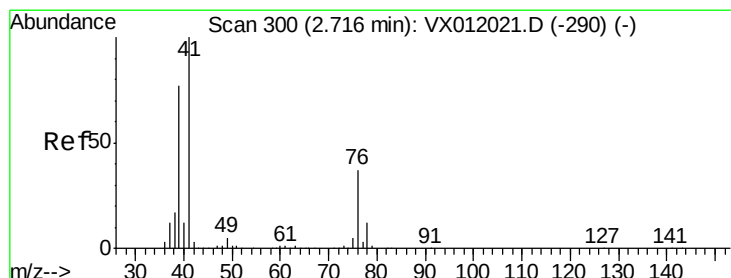
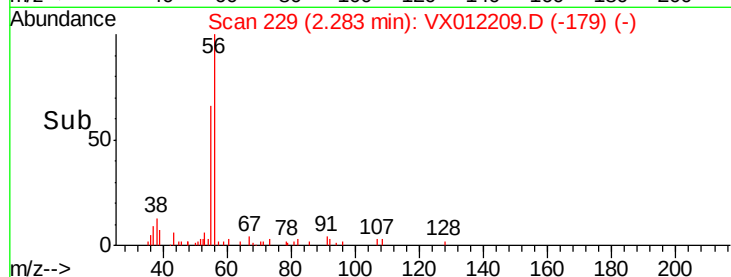
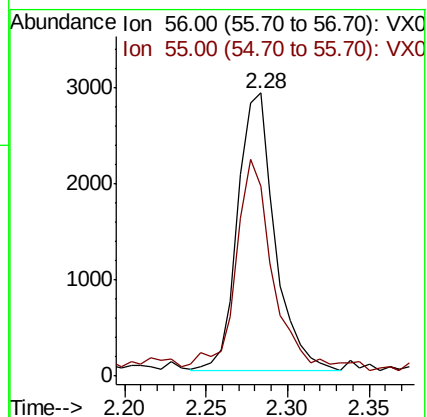
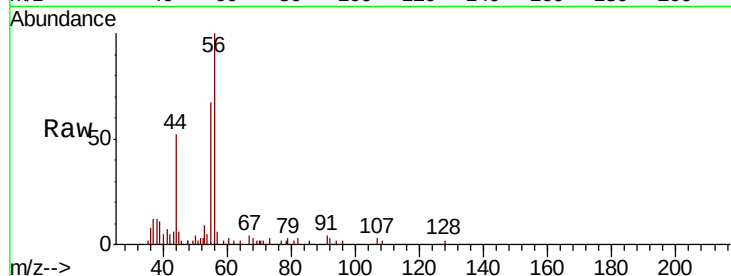
VX0907SBS03

Tgt Ion: 56 Resp: 4570

Ion Ratio Lower Upper

56 100

55 78.3 59.2 88.8



#14

Allyl chloride

Concen: 18.453 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

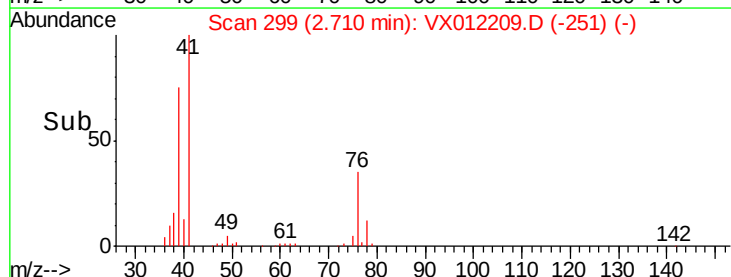
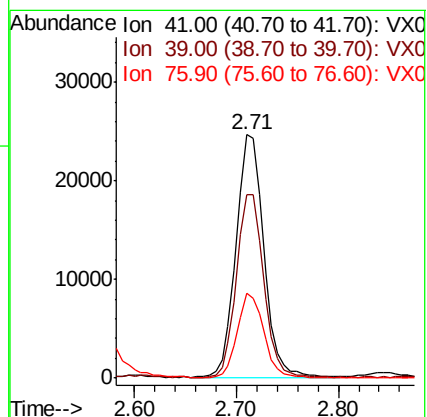
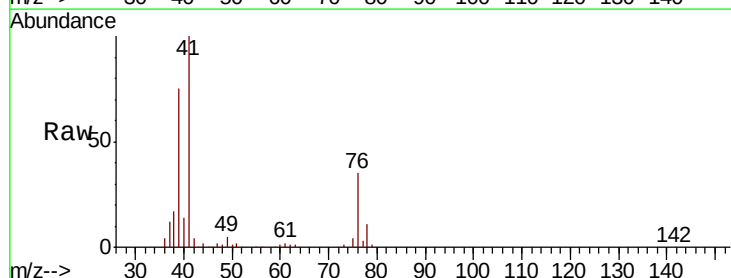
Tgt Ion: 41 Resp: 46146

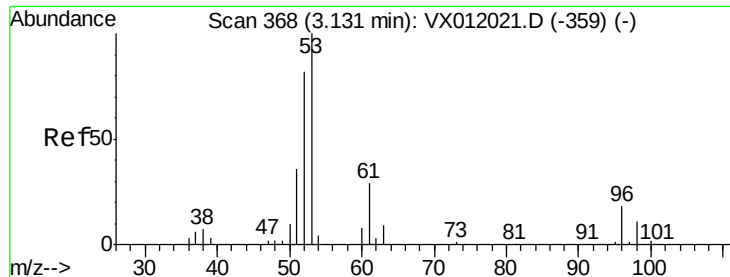
Ion Ratio Lower Upper

41 100

39 74.4 57.9 86.9

76 33.5 28.5 42.7





#15

Acrylonitrile

Concen: 86.110 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

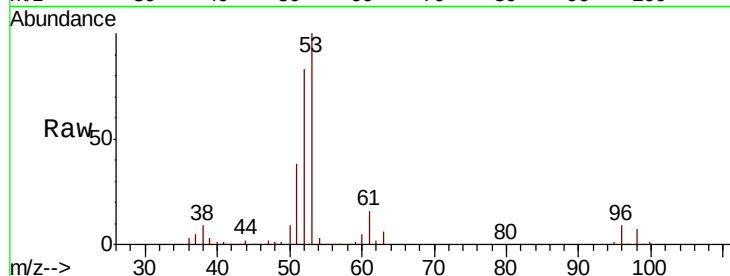
Tgt Ion: 53 Resp: 36220

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

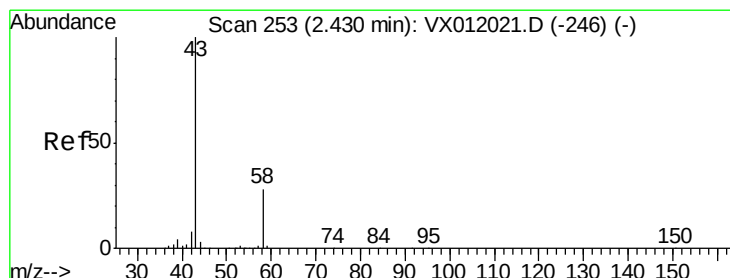
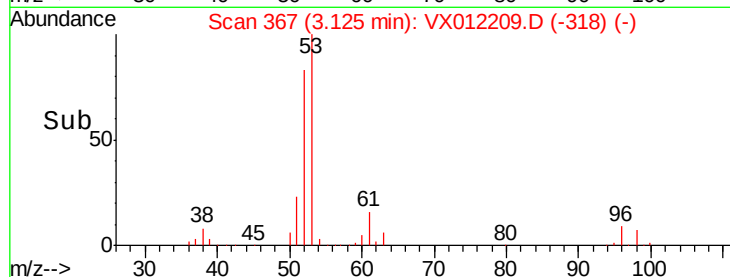
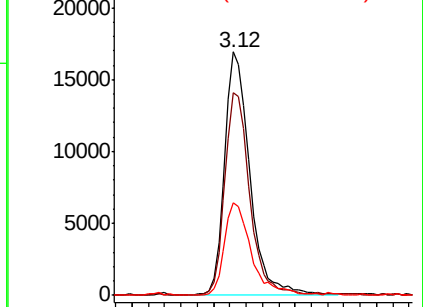
51 40.5 29.8 44.6



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: 90.038 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012209.D

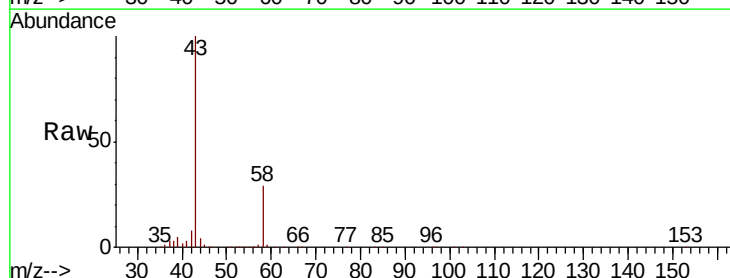
Acq: 08 Sep 2019 08:37

Tgt Ion: 43 Resp: 41678

Ion Ratio Lower Upper

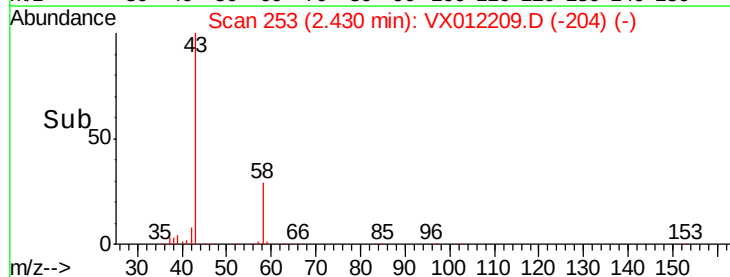
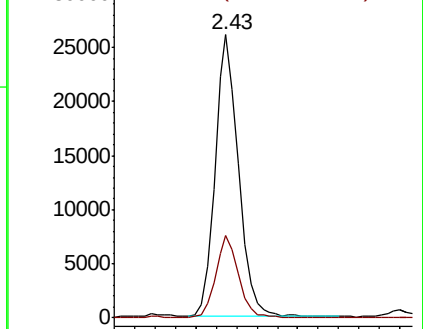
43 100

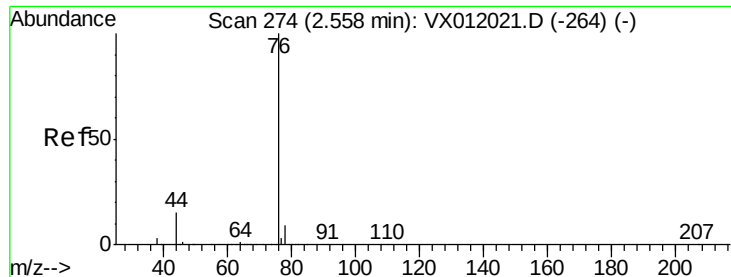
58 29.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.372 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

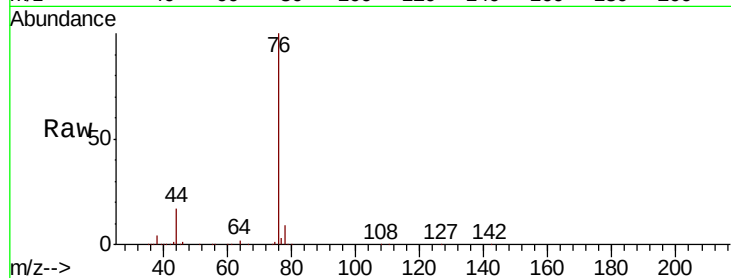
VX0907SBS03

Tgt Ion: 76 Resp: 54011

Ion Ratio Lower Upper

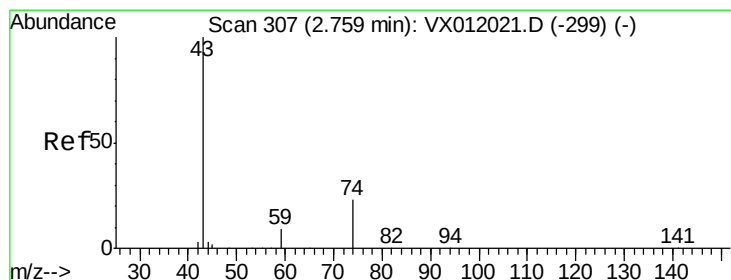
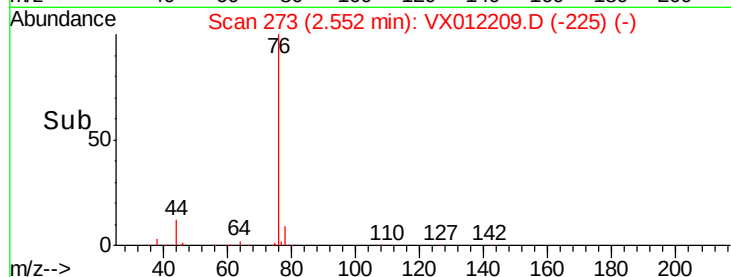
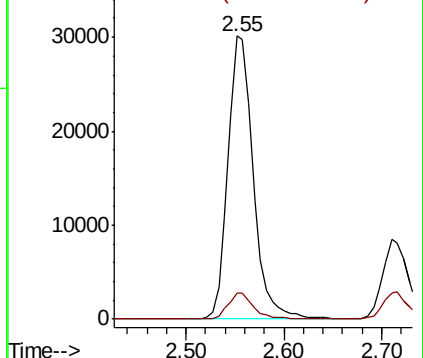
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.136 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012209.D

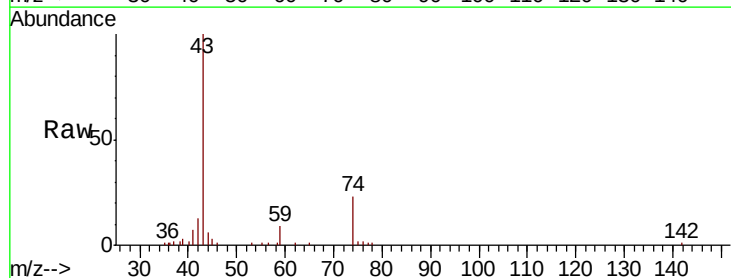
Acq: 08 Sep 2019 08:37

Tgt Ion: 43 Resp: 17596

Ion Ratio Lower Upper

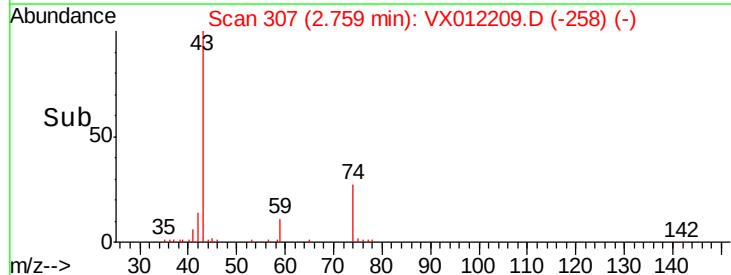
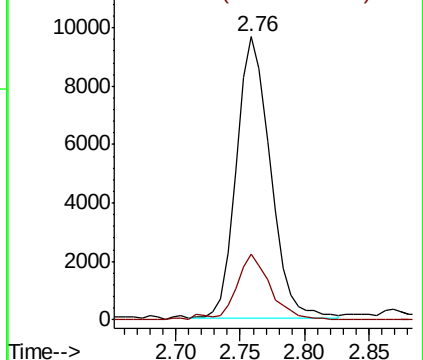
43 100

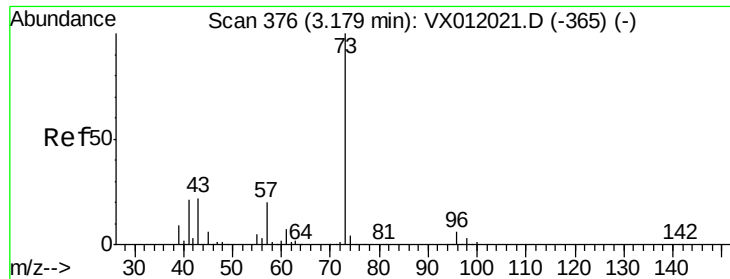
74 23.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

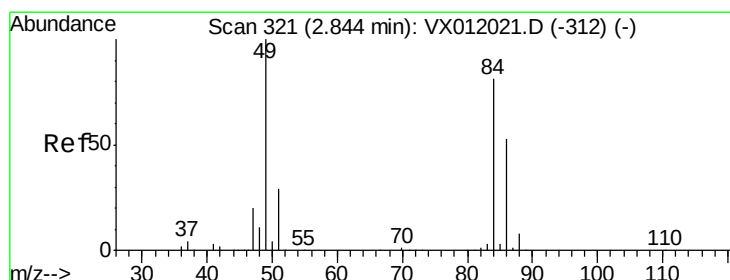
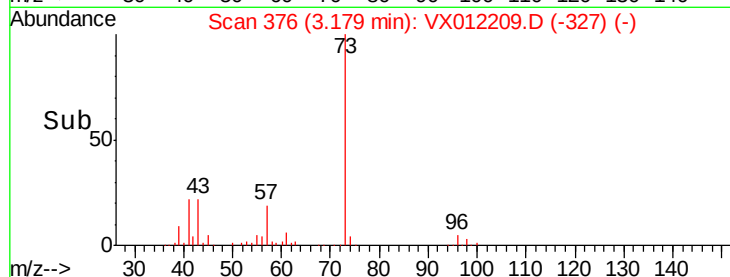
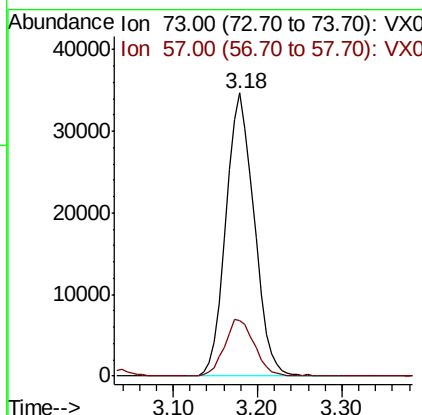
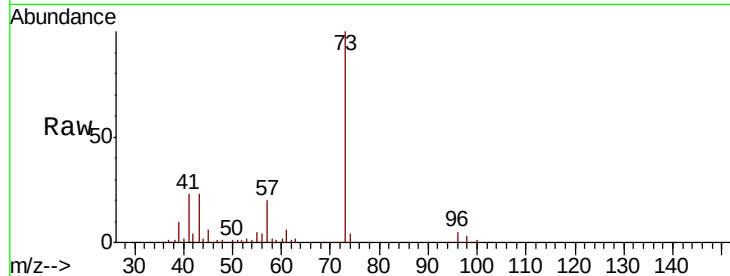




#19
Methyl tert-butyl Ether
Concen: 17.679 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

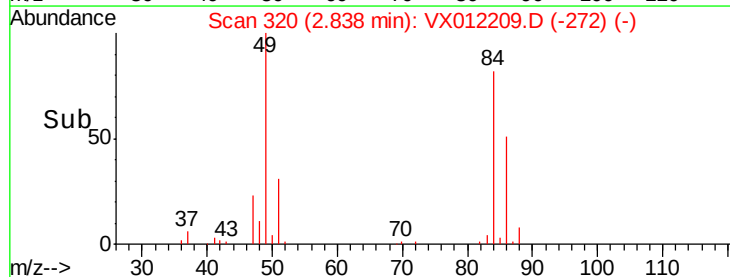
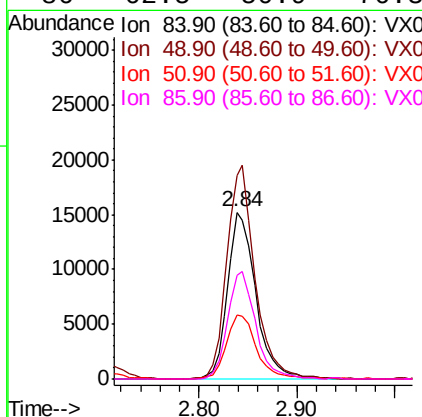
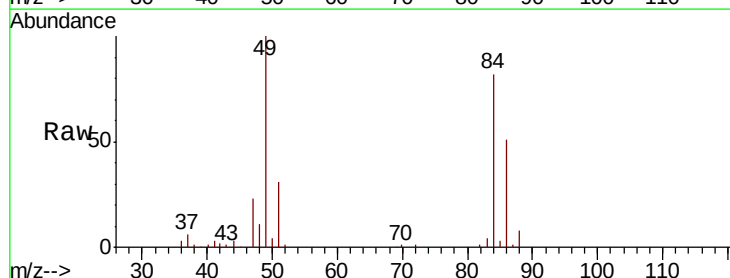
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

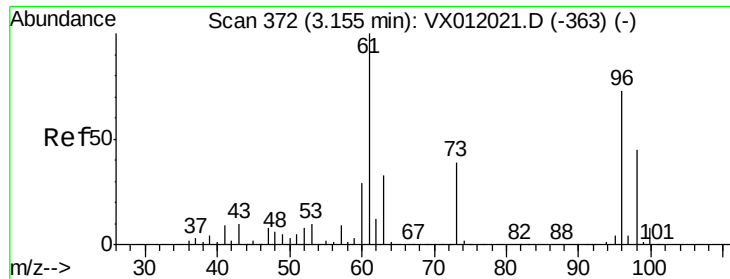
Tgt Ion: 73 Resp: 79545
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



#20
Methylene Chloride
Concen: 16.488 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 84 Resp: 30649
Ion Ratio Lower Upper
84 100
49 121.7 95.8 143.8
51 38.1 28.6 43.0
86 62.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 17.536 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS03

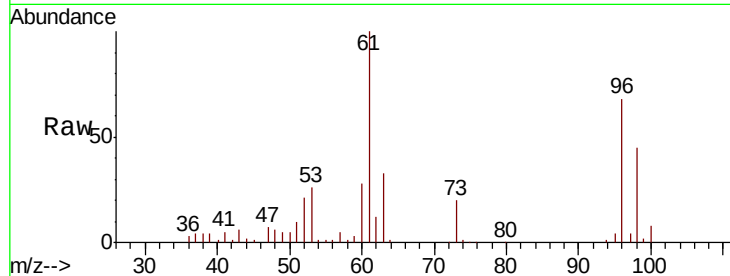
Tgt Ion: 96 Resp: 28440

Ion Ratio Lower Upper

96 100

61 146.7 107.0 160.6

98 66.6 49.8 74.6

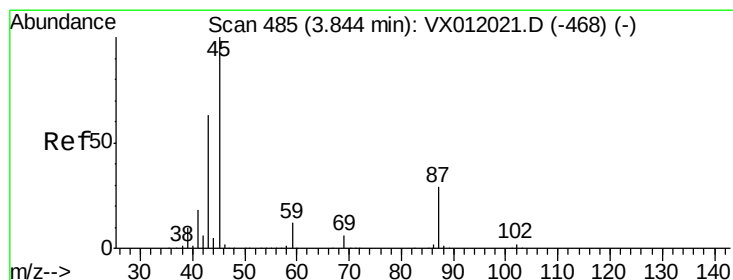
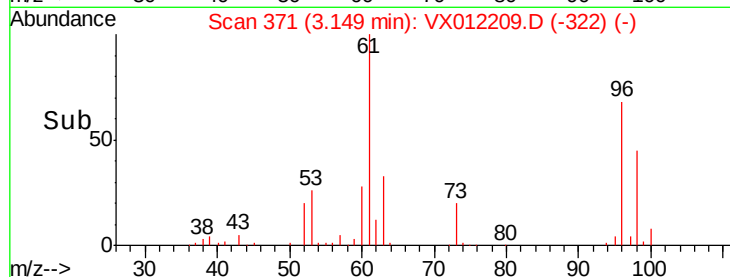
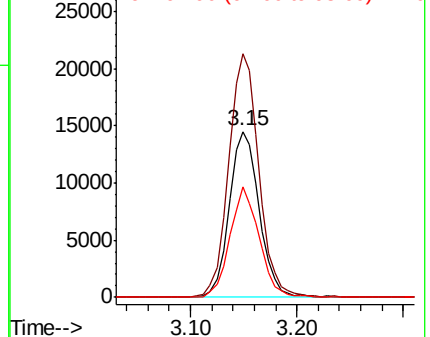


Abundance

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: 18.835 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Tgt Ion: 45 Resp: 96005

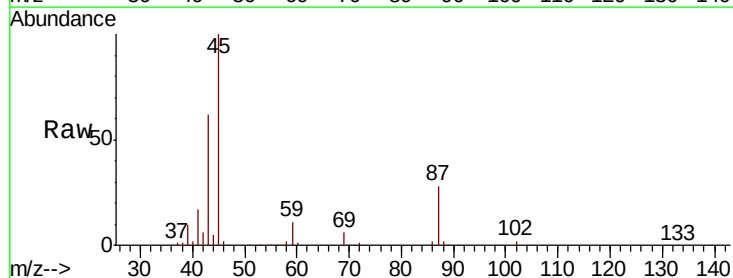
Ion Ratio Lower Upper

45 100

43 60.8 54.2 81.4

87 27.5 23.4 35.0

59 11.4 9.0 13.6



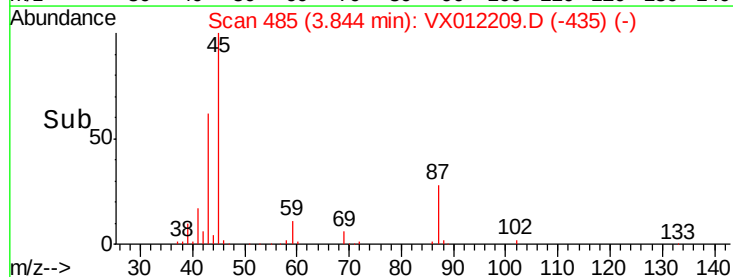
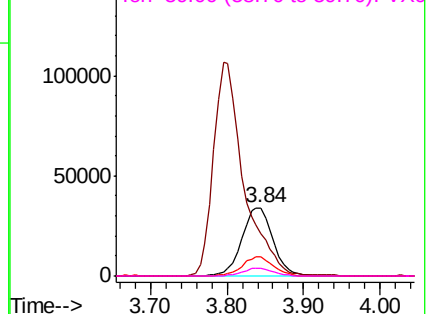
Abundance

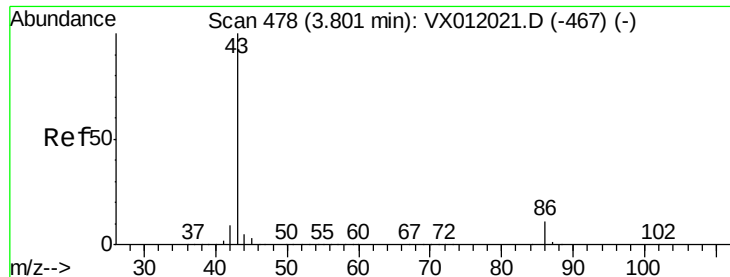
Ion 45.00 (44.70 to 45.70): VX0

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: 89.368 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

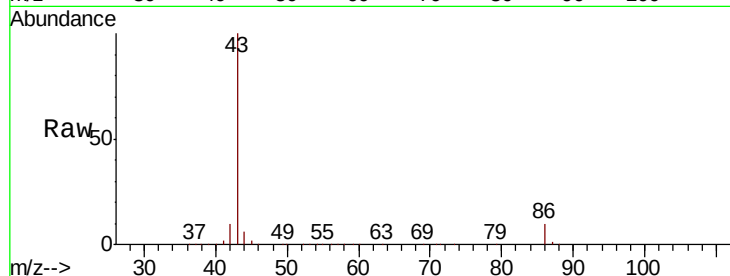
VX0907SBS03

Tgt Ion: 43 Resp: 294680

Ion Ratio Lower Upper

43 100

86 9.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

120000

100000

80000

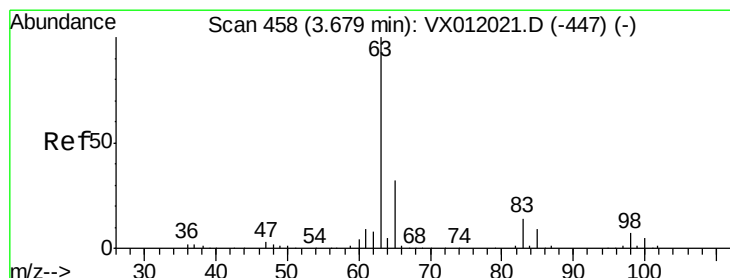
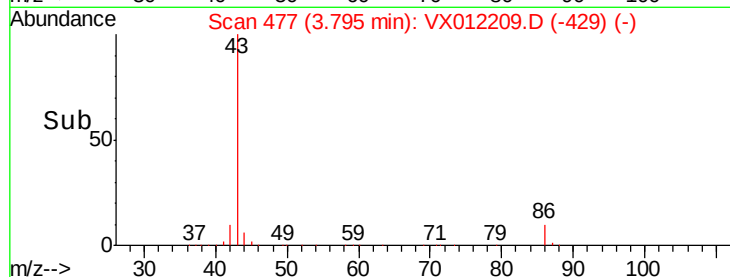
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.688 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

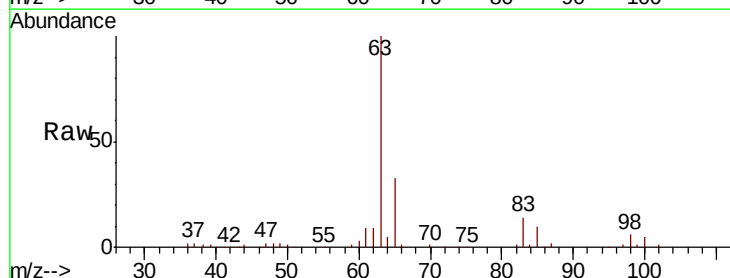
Tgt Ion: 63 Resp: 55246

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

100 4.7 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

3.68

30000

25000

20000

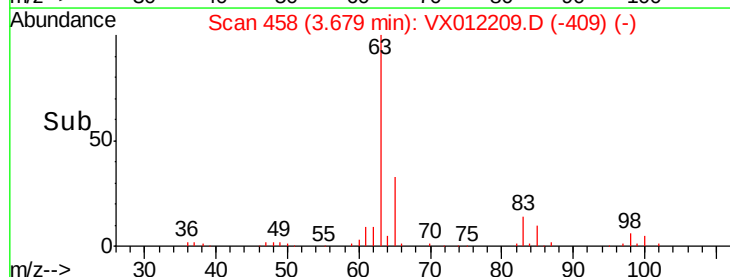
15000

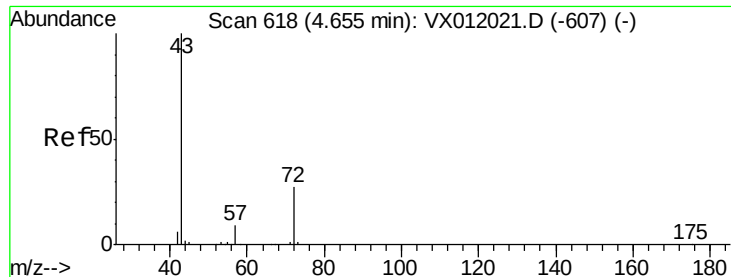
10000

5000

0

Time-->





#25

2-Butanone

Concen: 88.385 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

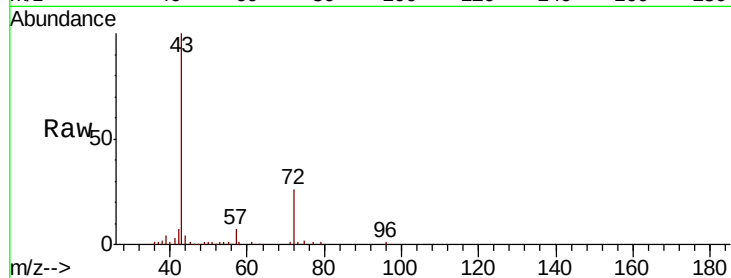
VX0907SBS03

Tgt Ion: 43 Resp: 52079

Ion Ratio Lower Upper

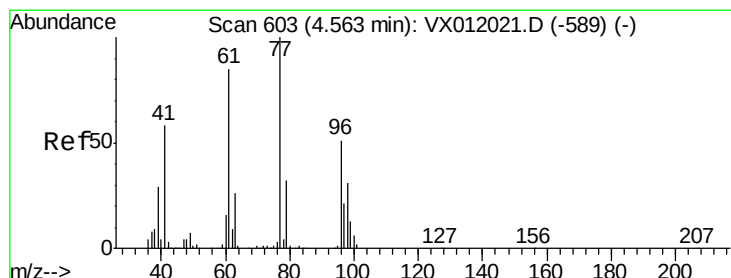
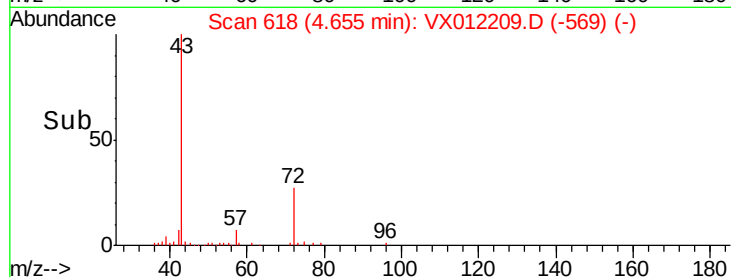
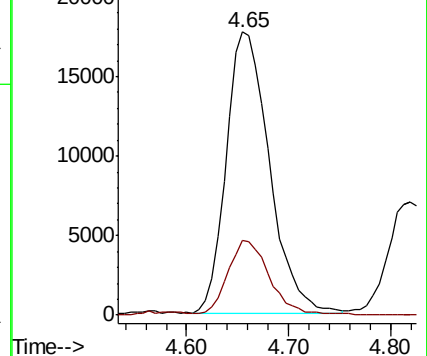
43 100

72 26.0 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: 20.826 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012209.D

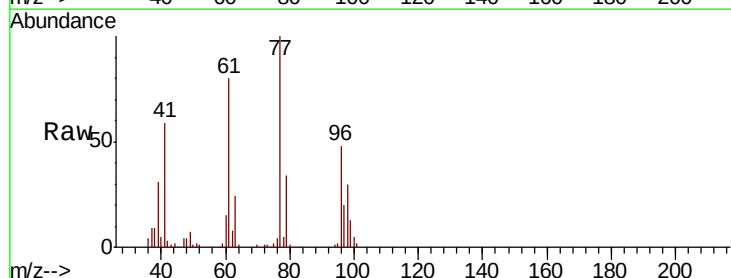
Acq: 08 Sep 2019 08:37

Tgt Ion: 77 Resp: 56843

Ion Ratio Lower Upper

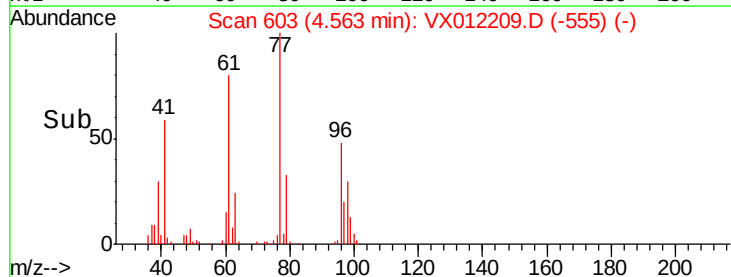
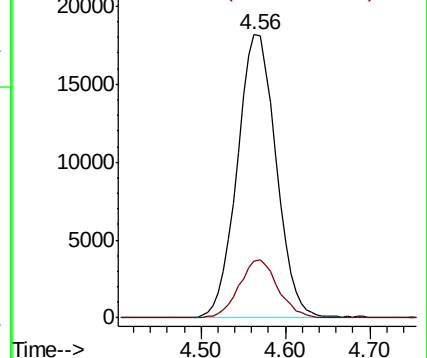
77 100

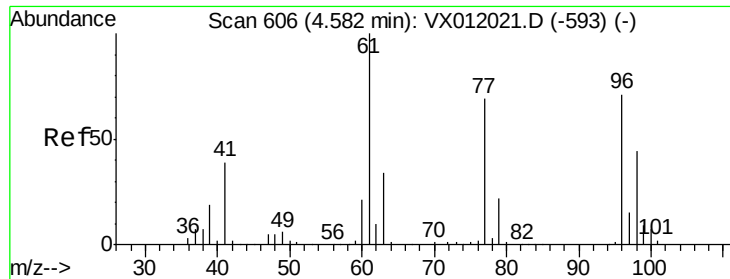
97 20.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



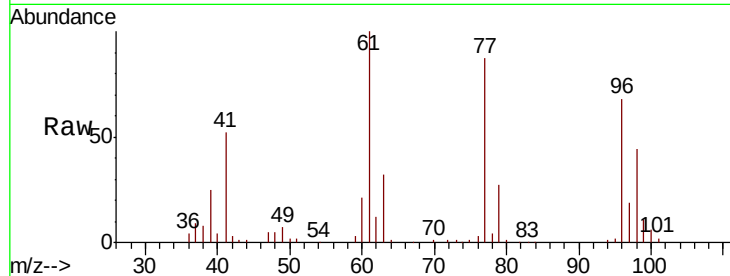


#27

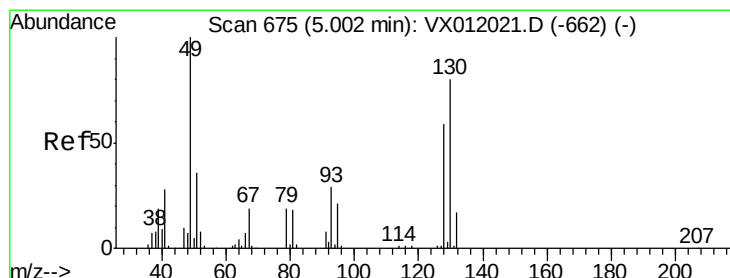
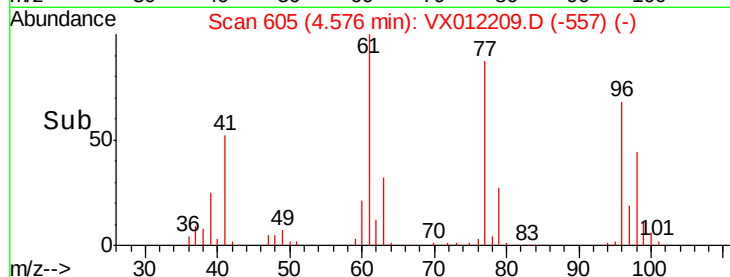
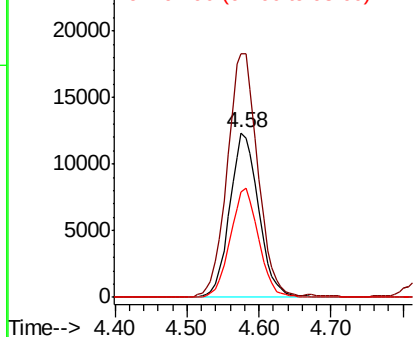
cis-1,2-Dichloroethene
Concen: 18.079 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tgt Ion: 96 Resp: 34371
Ion Ratio Lower Upper
96 100
61 156.9 0.0 277.0
98 64.7 0.0 128.4



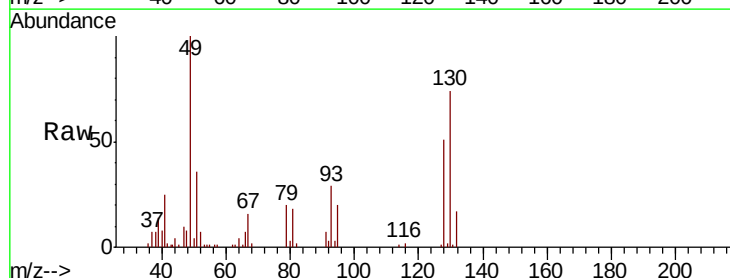
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



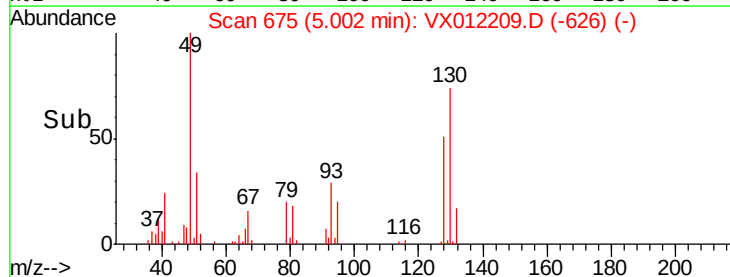
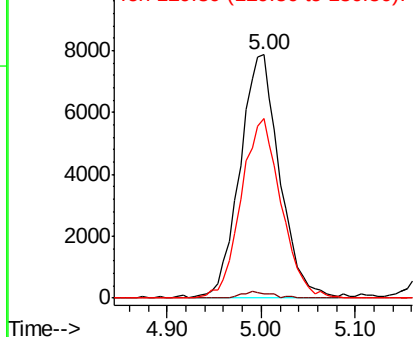
#28

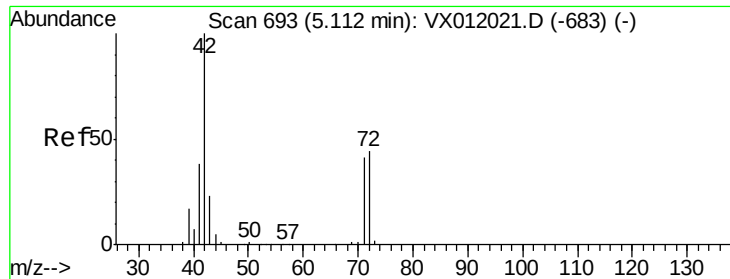
Bromochloromethane
Concen: 19.698 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 49 Resp: 23245
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.6
130 74.3 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

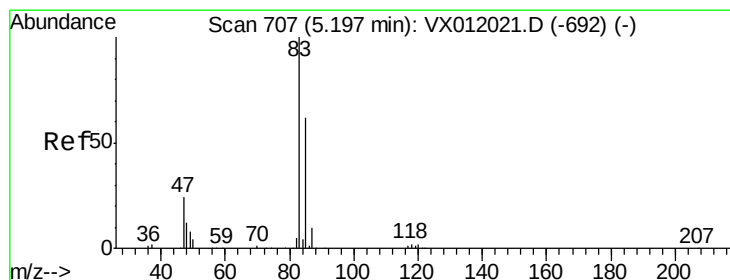
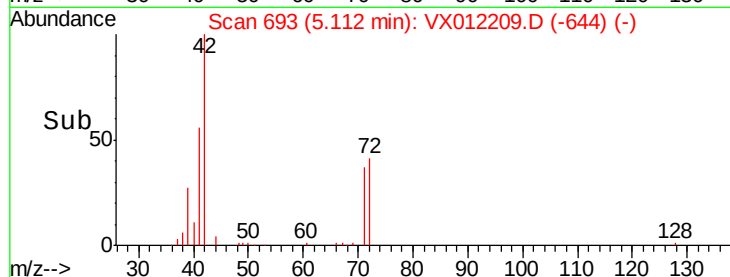
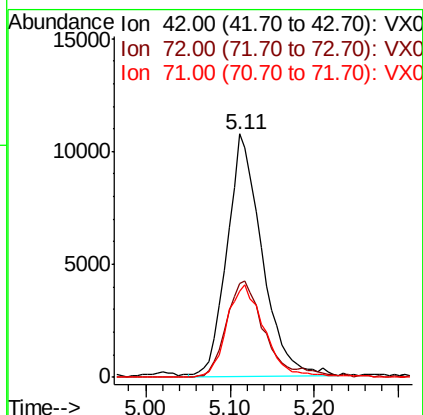
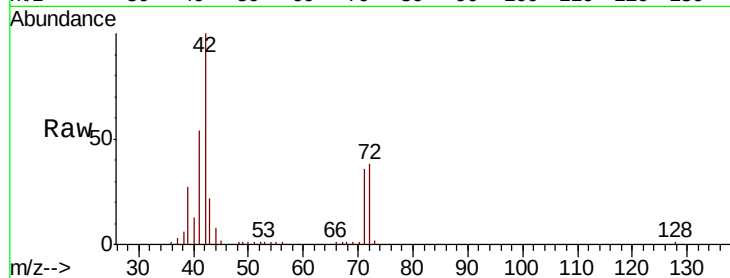




#29
Tetrahydrofuran
Concen: 84.944 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

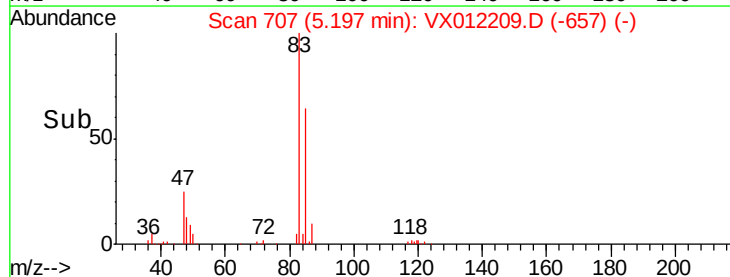
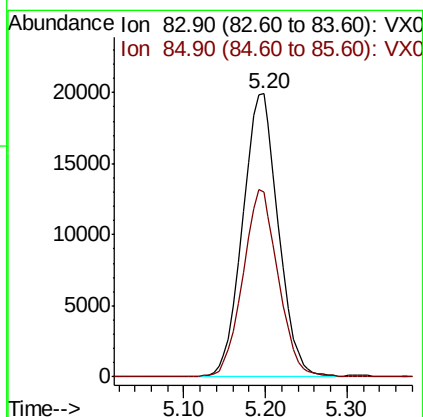
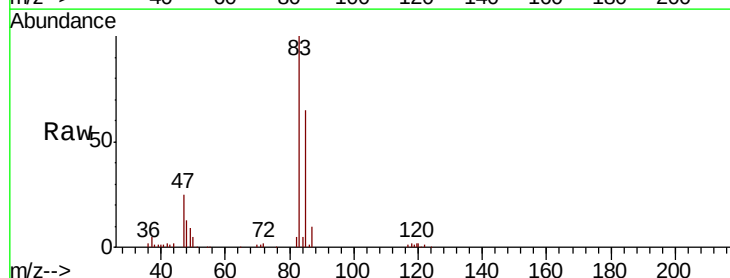
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

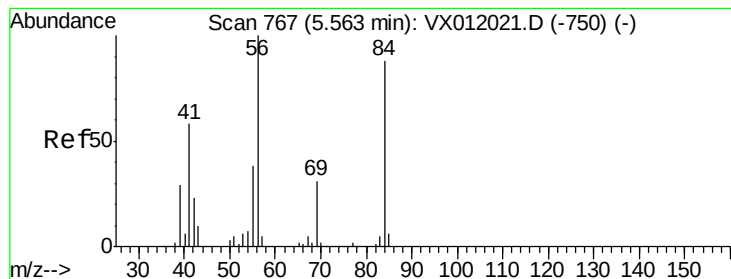
Tgt Ion: 42 Resp: 30156
Ion Ratio Lower Upper
42 100
72 41.7 37.0 55.4
71 41.1 33.8 50.8



#30
Chloroform
Concen: 19.088 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 83 Resp: 60550
Ion Ratio Lower Upper
83 100
85 65.3 52.6 78.8





#31

Cyclohexane

Concen: 19.008 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

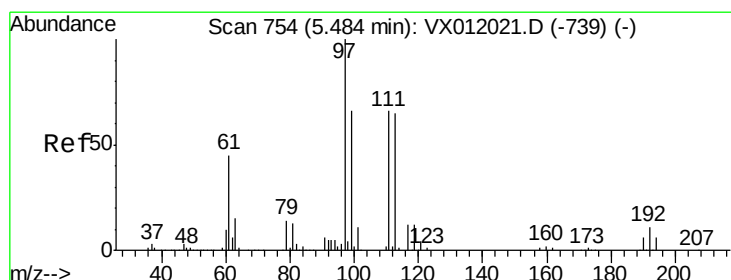
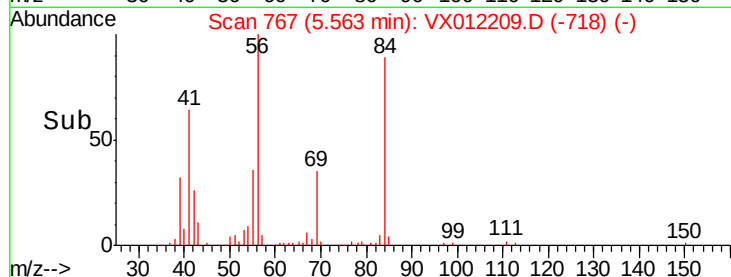
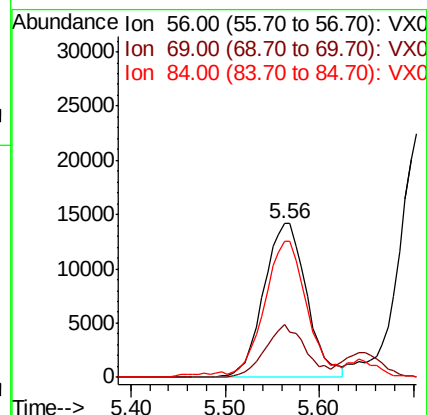
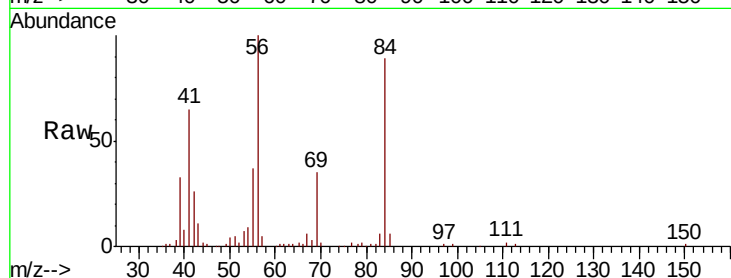
Tgt Ion: 56 Resp: 45130

Ion Ratio Lower Upper

56 100

69 34.6 25.7 38.5

84 86.7 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 20.693 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

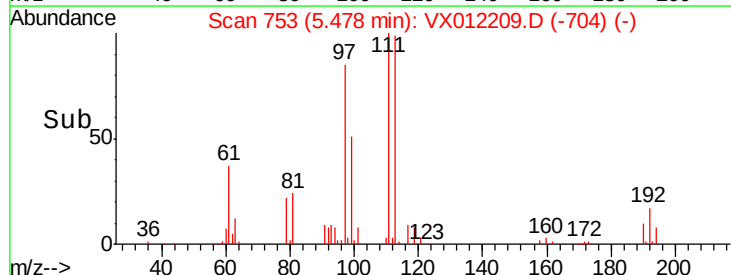
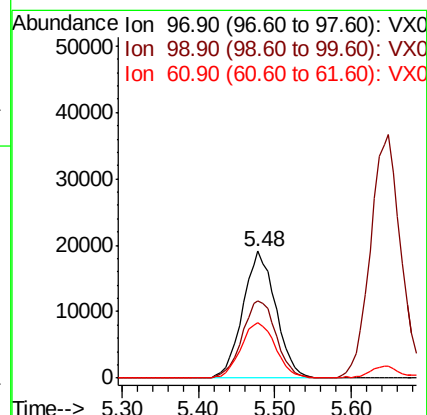
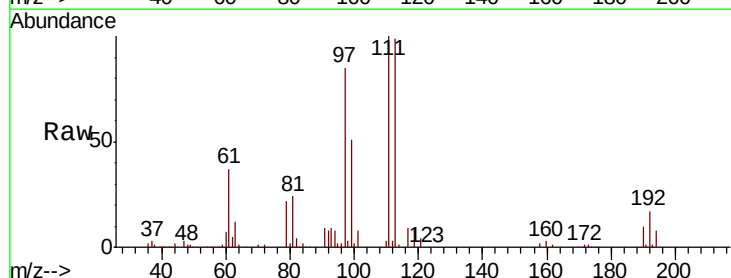
Tgt Ion: 97 Resp: 57169

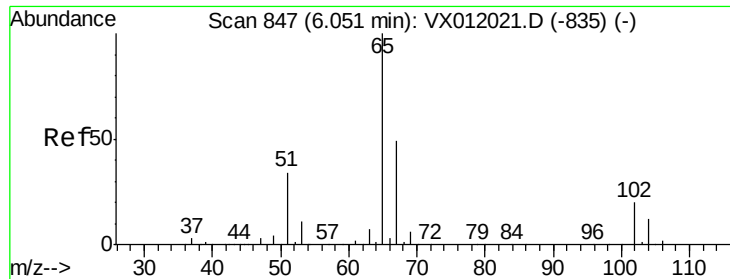
Ion Ratio Lower Upper

97 100

99 62.6 52.1 78.1

61 46.1 32.8 49.2

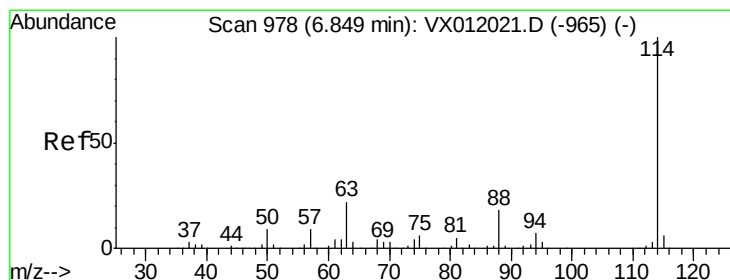
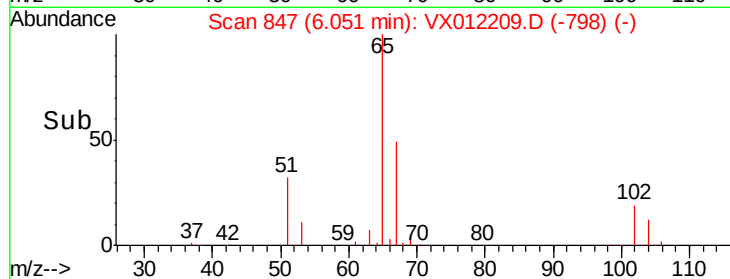
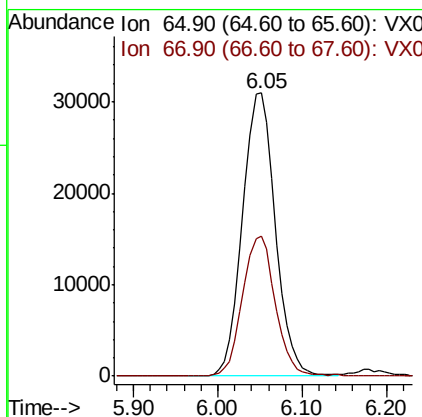
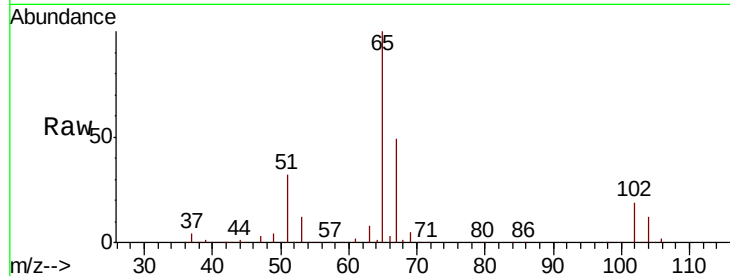




#33
 1,2-Dichloroethane-d4
 Concen: 42.236 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

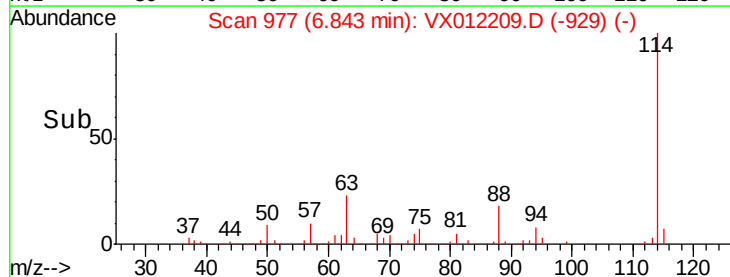
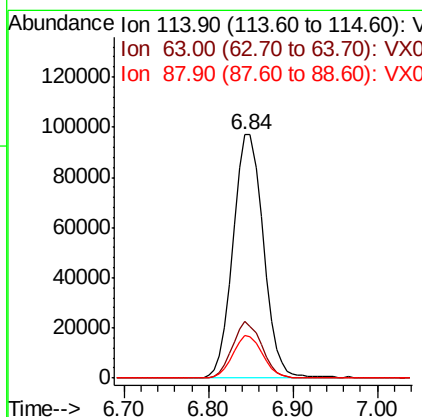
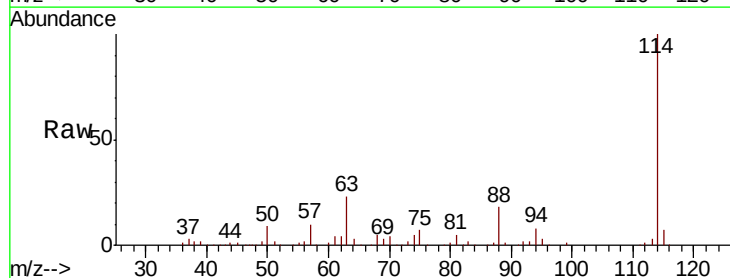
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

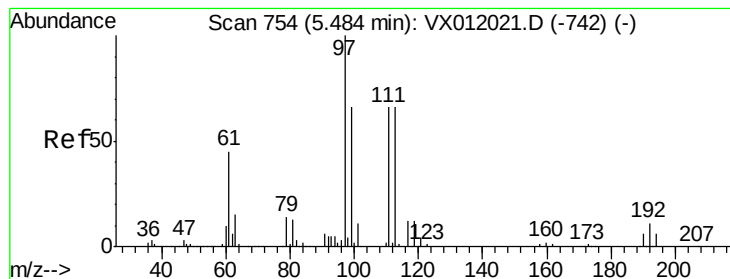
Tgt Ion: 65 Resp: 81796
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 114 Resp: 237380
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.4
 88 17.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 45.737 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

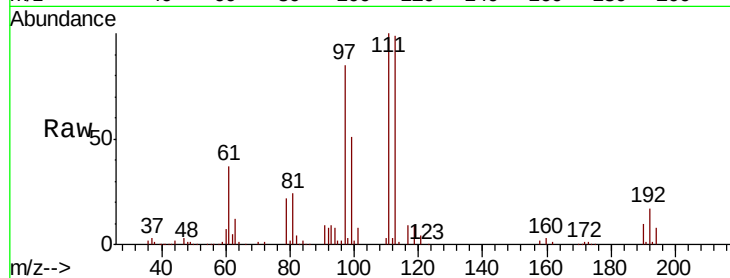
Tgt Ion:113 Resp: 66768

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

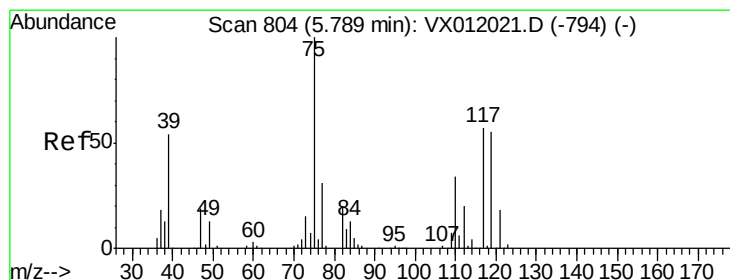
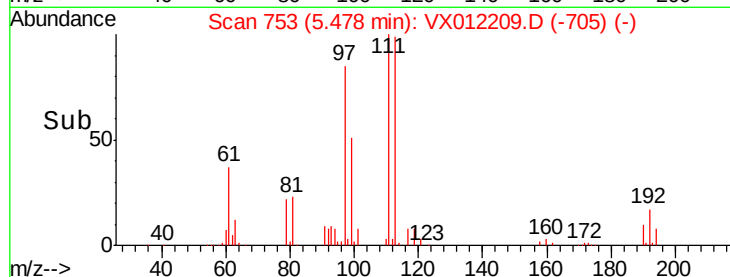
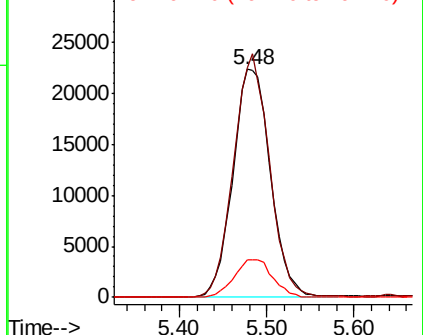
192 16.8 22.5 33.7#



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: 20.431 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

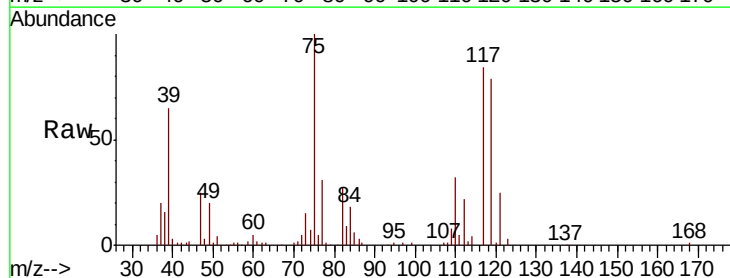
Tgt Ion: 75 Resp: 42715

Ion Ratio Lower Upper

75 100

110 34.0 19.5 58.5

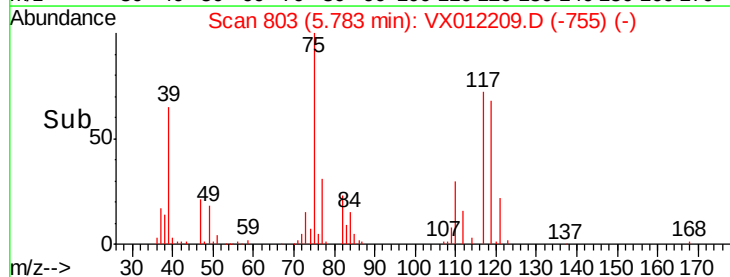
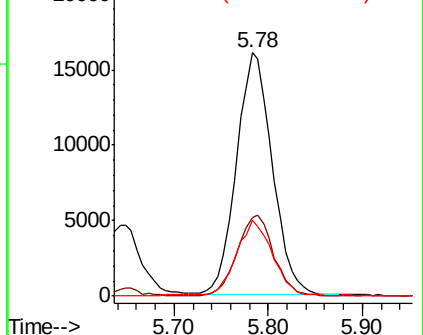
77 31.7 24.6 37.0

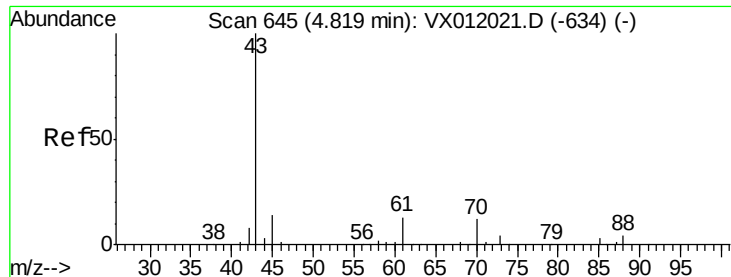


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.075 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

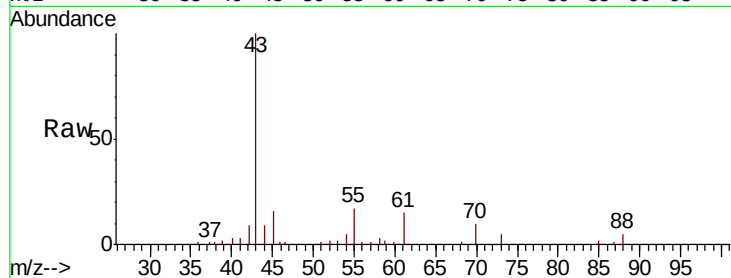
Tgt Ion: 43 Resp: 20550

Ion Ratio Lower Upper

43 100

61 15.8 10.9 16.3

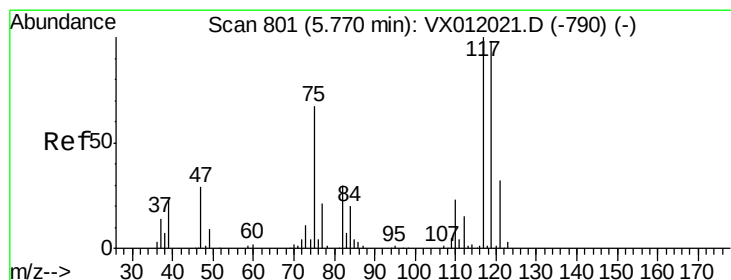
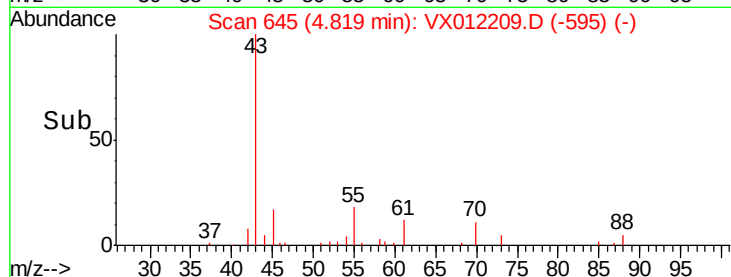
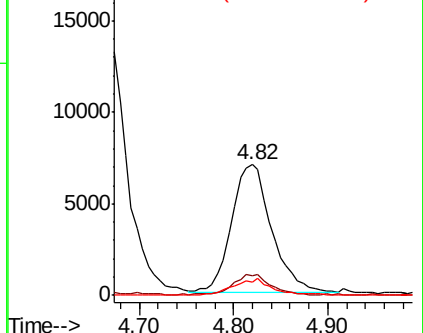
70 12.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.871 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

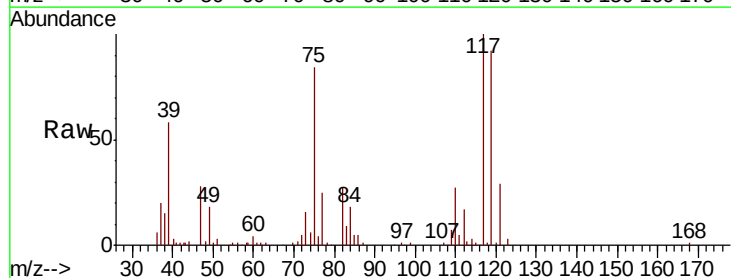
Tgt Ion: 117 Resp: 48182

Ion Ratio Lower Upper

117 100

119 91.5 78.3 117.5

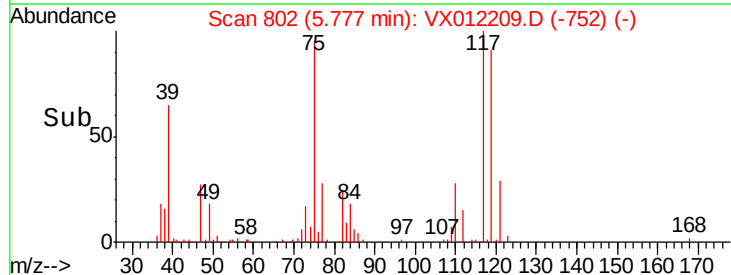
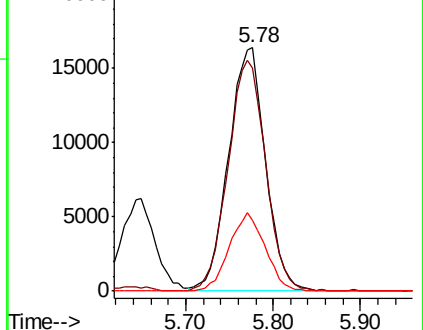
121 29.0 24.2 36.2

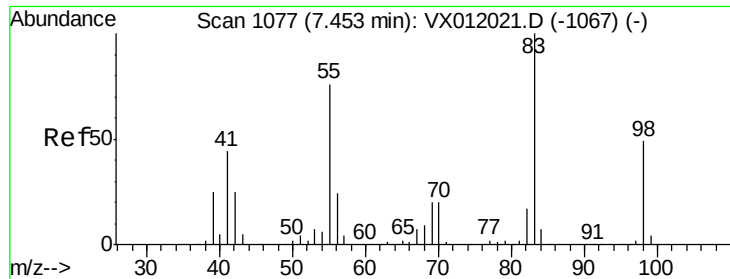


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

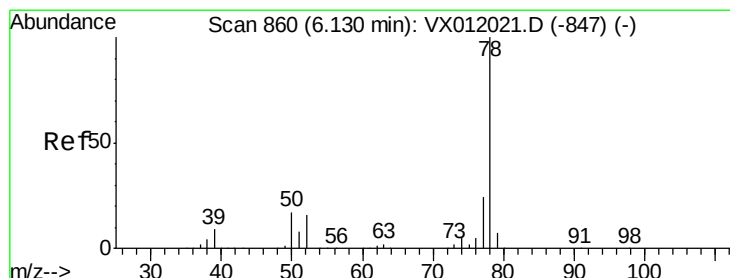
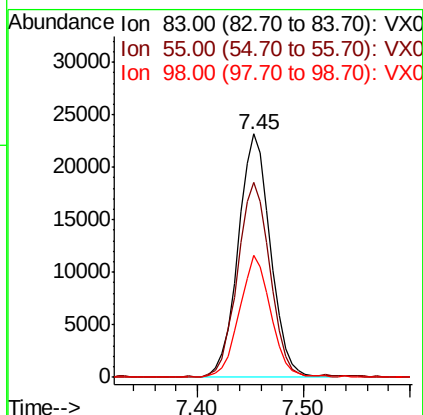
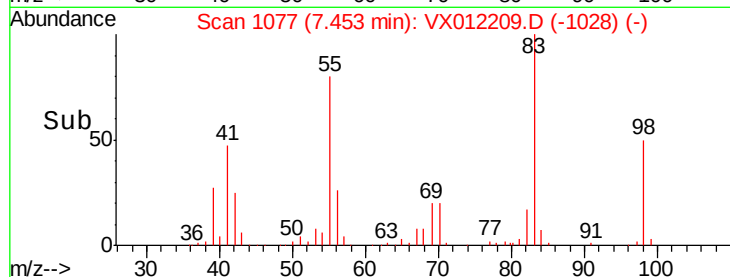
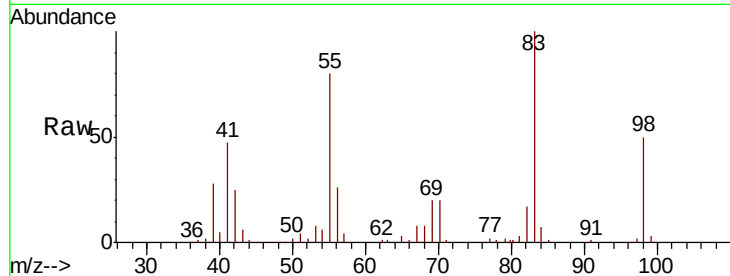




#39
Methylcyclohexane
Concen: 20.404 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

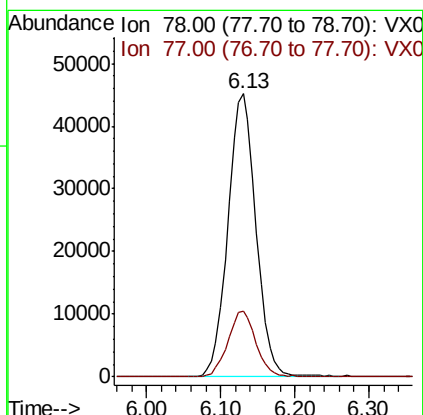
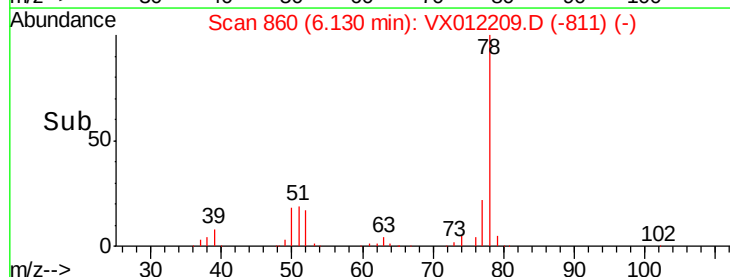
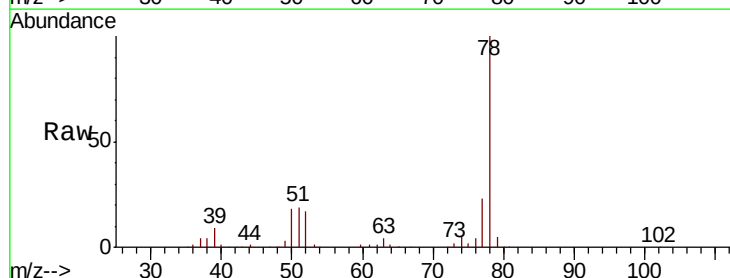
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

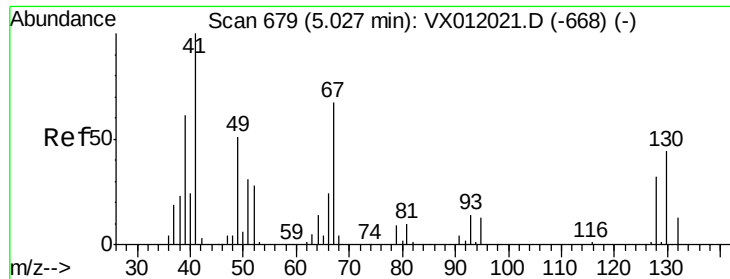
Tgt Ion: 83 Resp: 49512
Ion Ratio Lower Upper
83 100
55 79.6 59.6 89.4
98 50.0 41.4 62.0



#40
Benzene
Concen: 19.887 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 78 Resp: 119364
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

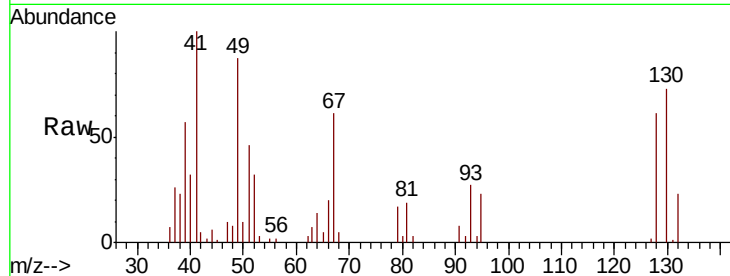




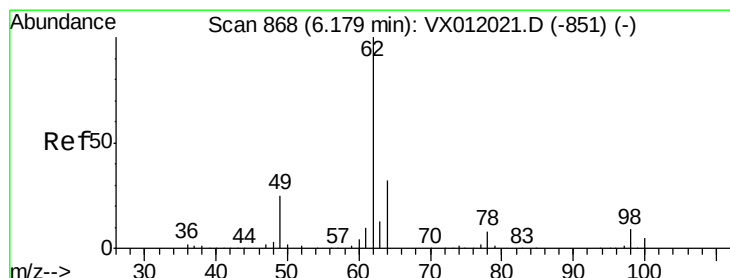
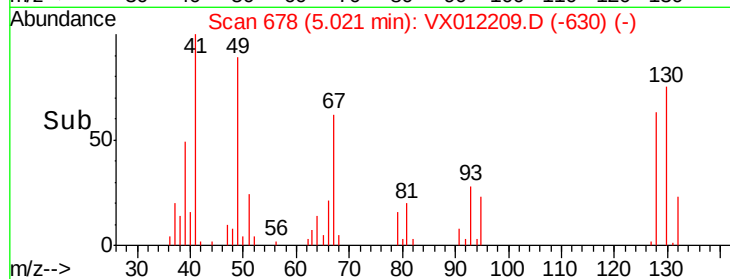
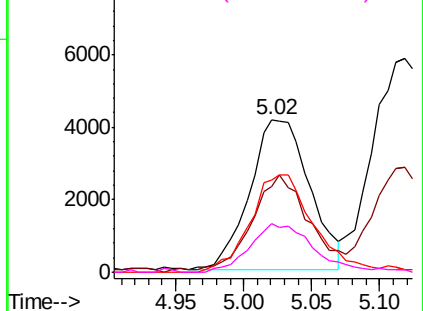
#41
Methacrylonitrile
Concen: 18.743 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tgt Ion:	41	Resp:	12708
Ion	Ratio	Lower	Upper
41	100		
39	59.7	46.7	70.1
67	68.1	57.0	85.6
52	33.4	23.5	35.3

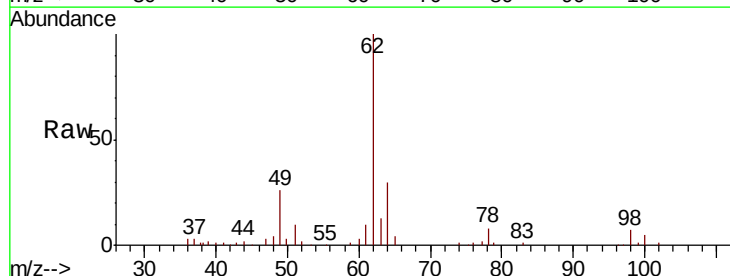


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

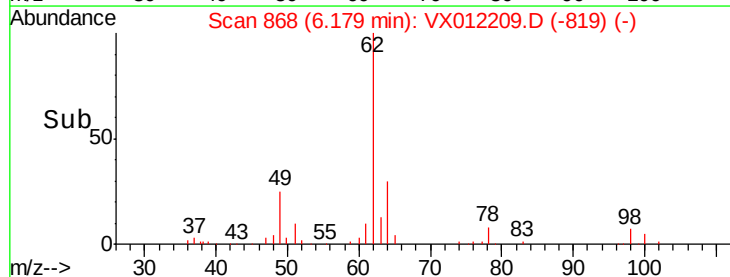
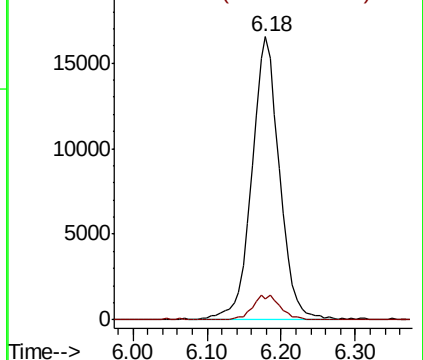


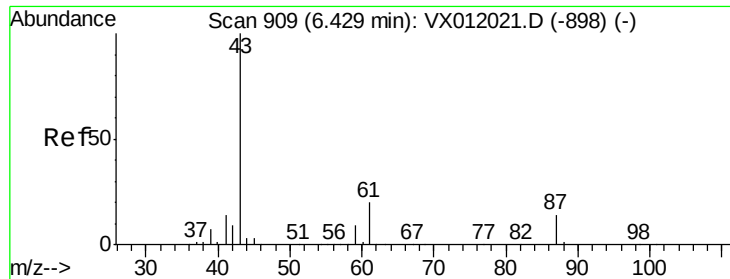
#42
1,2-Dichloroethane
Concen: 19.985 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion:	62	Resp:	43167
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 18.353 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

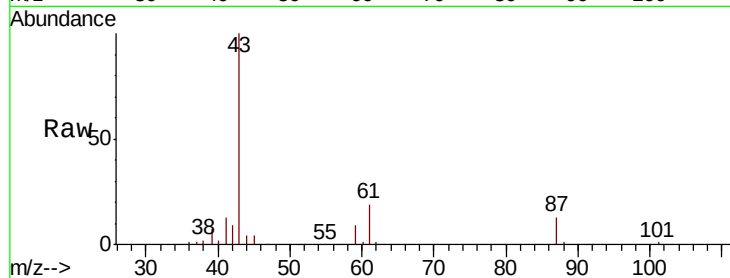
Tgt Ion: 43 Resp: 42426

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

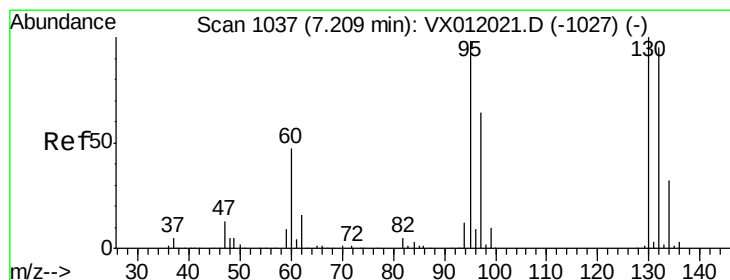
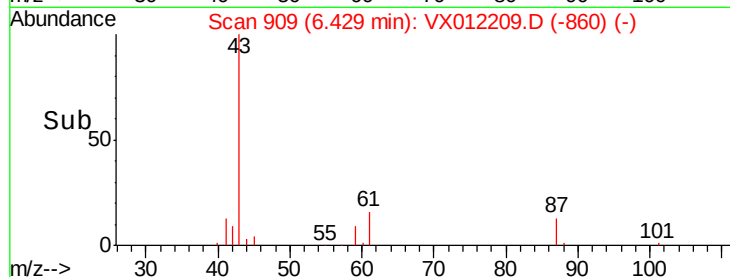
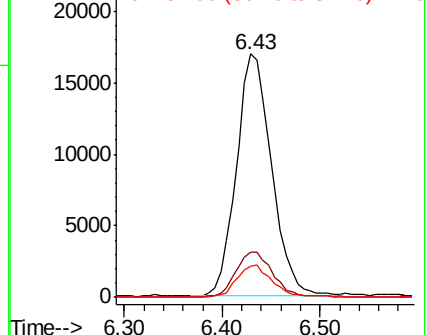
87 13.5 11.3 16.9



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: 20.102 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012209.D

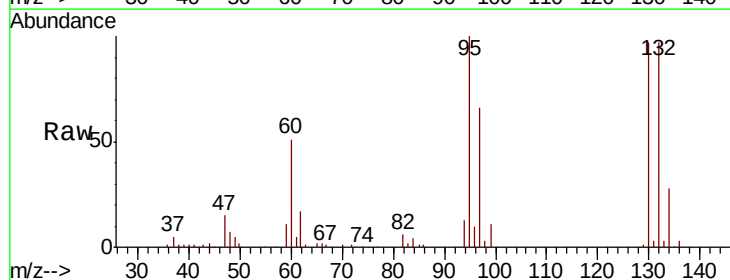
Acq: 08 Sep 2019 08:37

Tgt Ion: 130 Resp: 32543

Ion Ratio Lower Upper

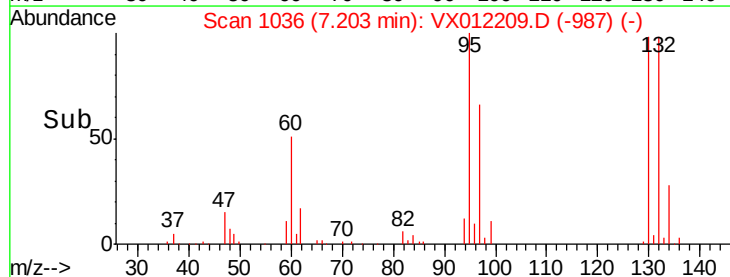
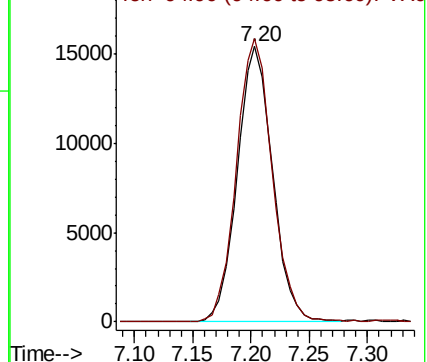
130 100

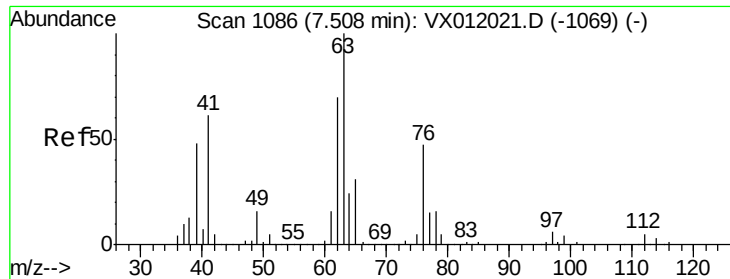
95 102.7 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

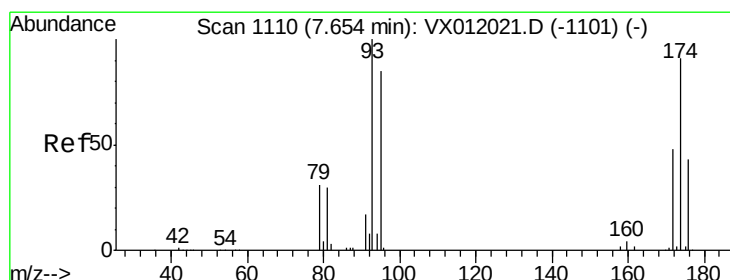
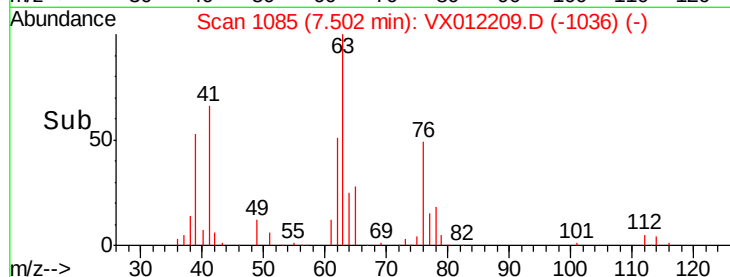
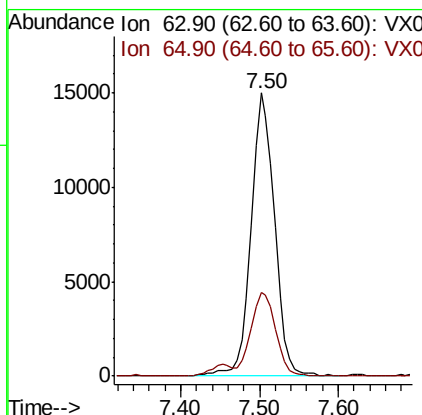
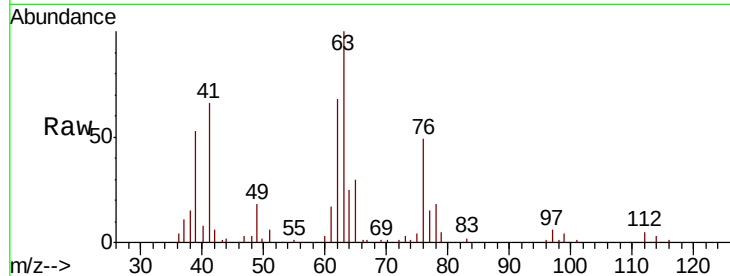




#45
 1,2-Dichloropropane
 Concen: 20.017 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

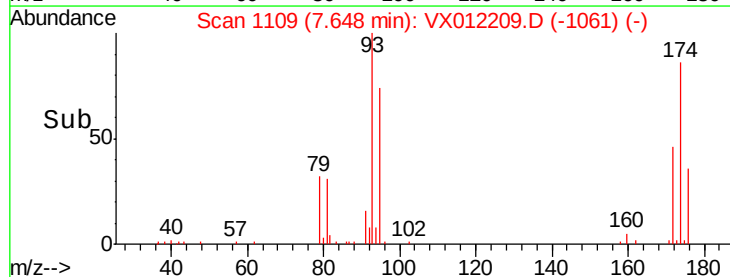
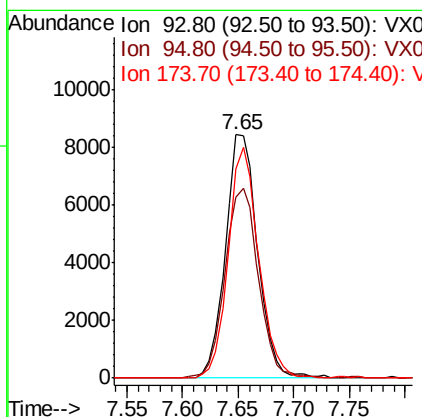
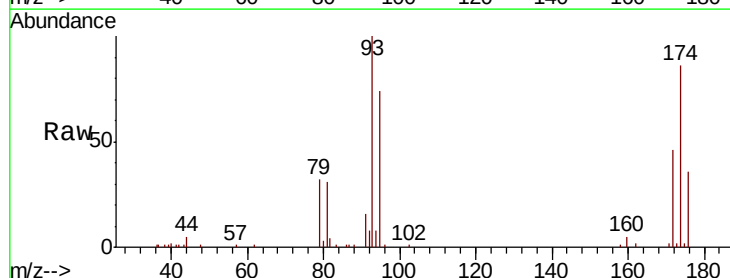
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

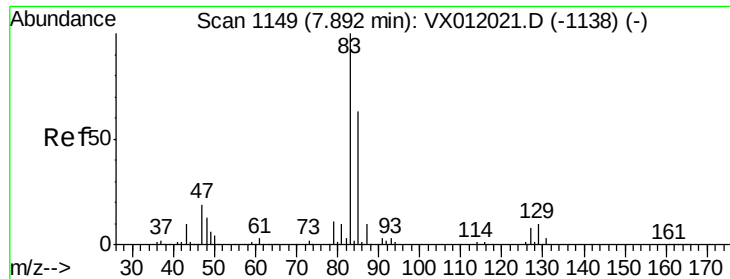
Tgt Ion: 63 Resp: 31040
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6



#46
 Dibromomethane
 Concen: 18.616 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 93 Resp: 16852
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.2 99.2
 174 90.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 19.604 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

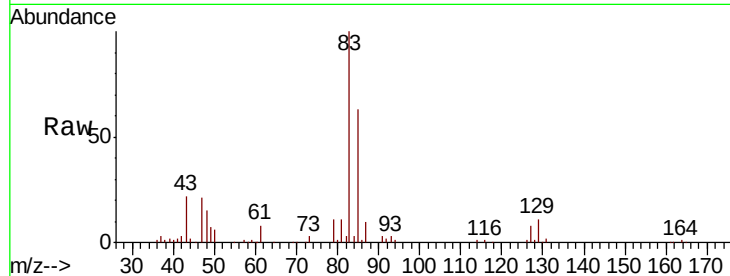
Tgt Ion: 83 Resp: 45110

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5

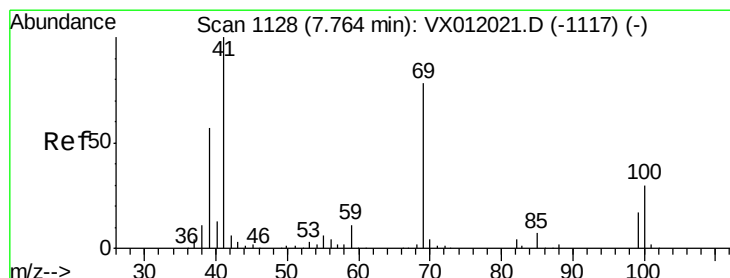
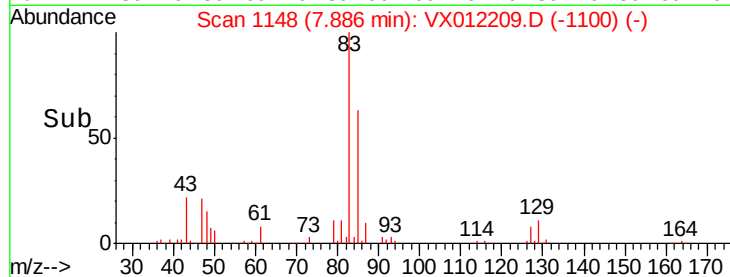
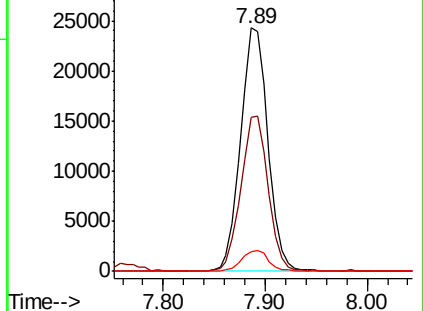
127 7.8 8.1 12.1#



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: 17.582 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

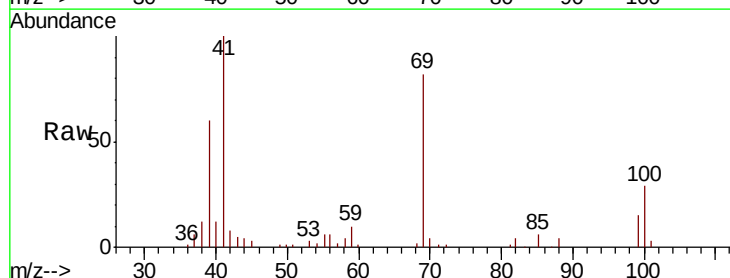
Tgt Ion: 41 Resp: 20437

Ion Ratio Lower Upper

41 100

69 80.0 66.3 99.5

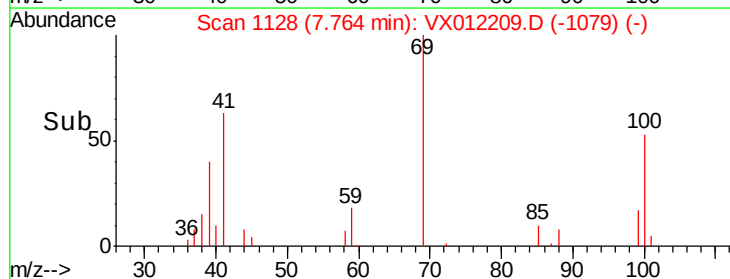
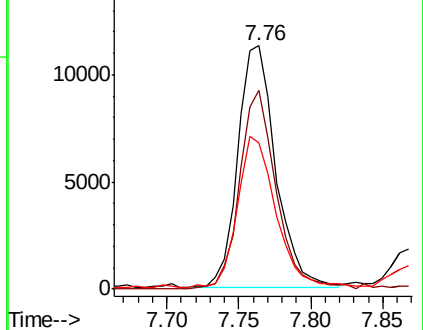
39 63.1 48.1 72.1

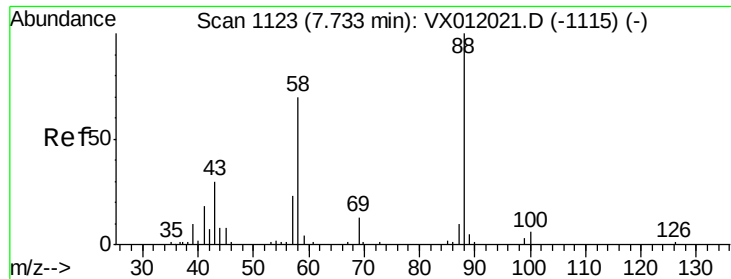


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

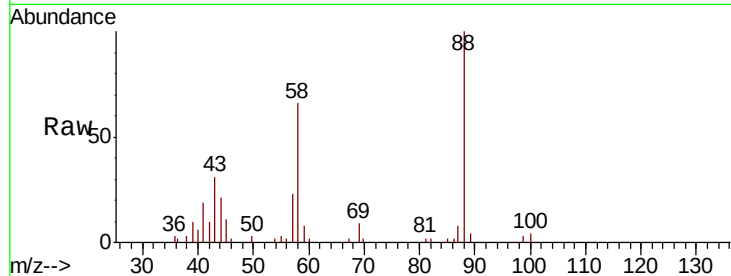




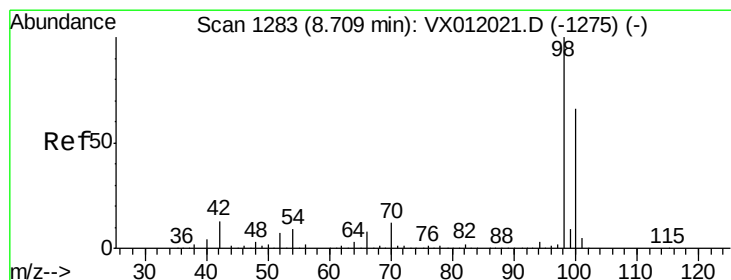
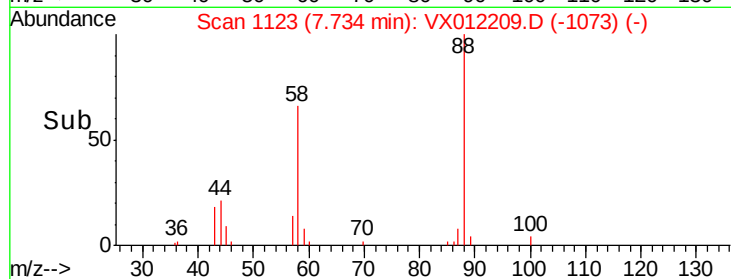
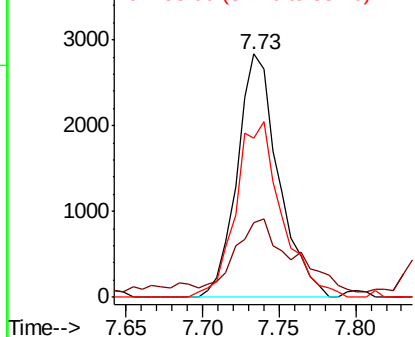
#49
1,4-Dioxane
Concen: 335.934 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tgt Ion: 88 Resp: 5323
Ion Ratio Lower Upper
88 100
43 41.0 29.8 44.6
58 79.9 55.4 83.2

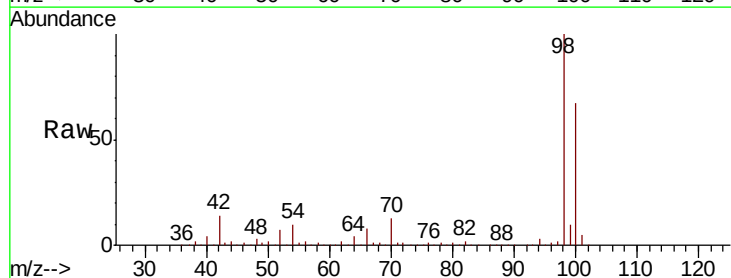


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

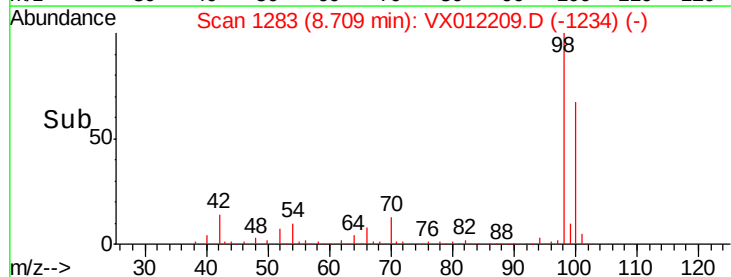
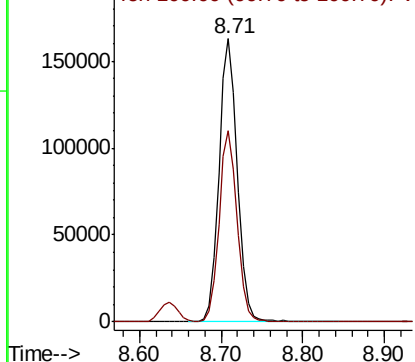


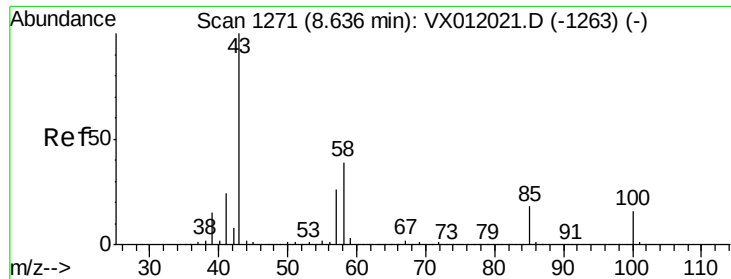
#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 98 Resp: 255466
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 93.535 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

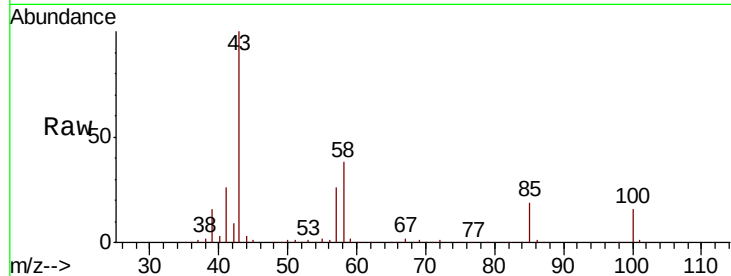
VX0907SBS03

Tgt Ion: 43 Resp: 109981

Ion Ratio Lower Upper

43 100

58 37.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

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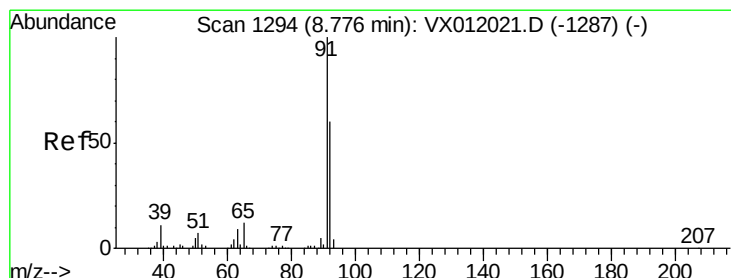
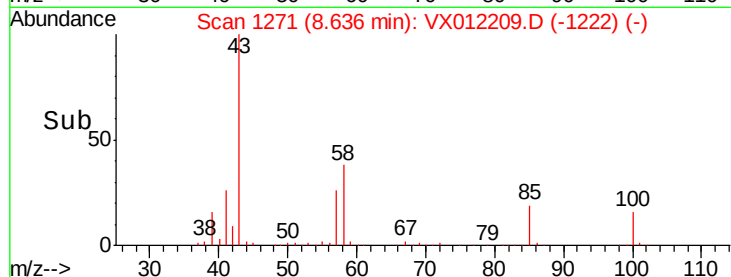
8.64

8.64

8.64

8.64

8.64



#52

Toluene

Concen: 19.740 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012209.D

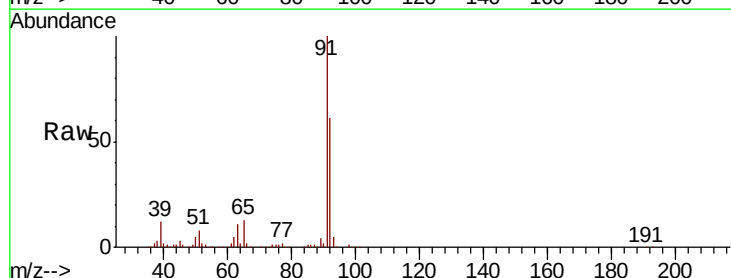
Acq: 08 Sep 2019 08:37

Tgt Ion: 92 Resp: 77091

Ion Ratio Lower Upper

92 100

91 169.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

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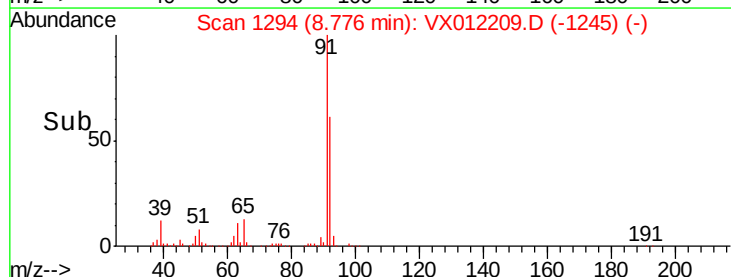
8.78

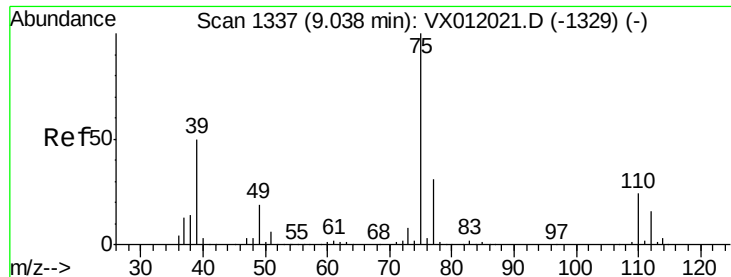
8.78

8.78

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8.78

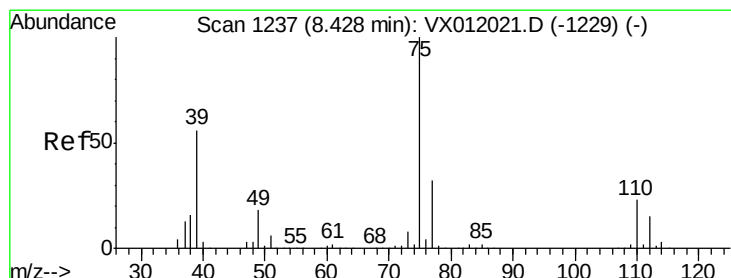
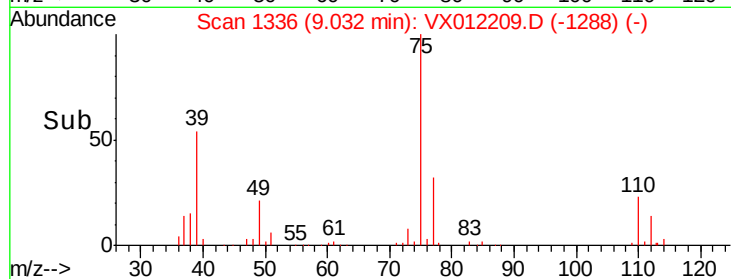
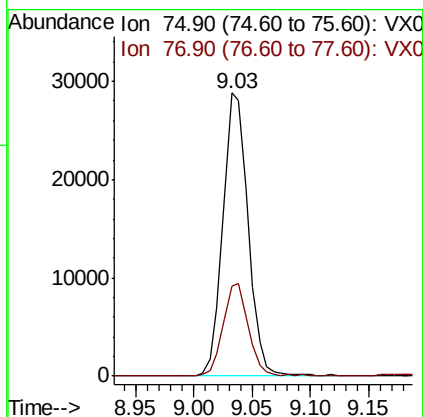
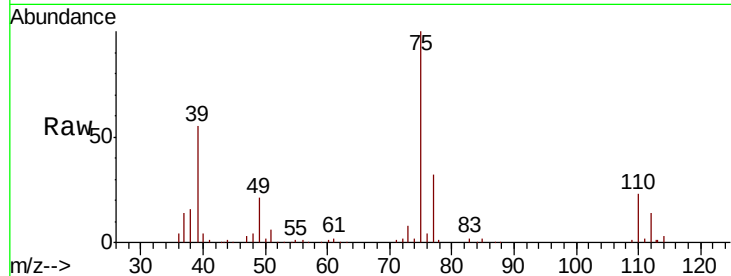




#53
 t-1,3-Dichloropropene
 Concen: 18.174 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

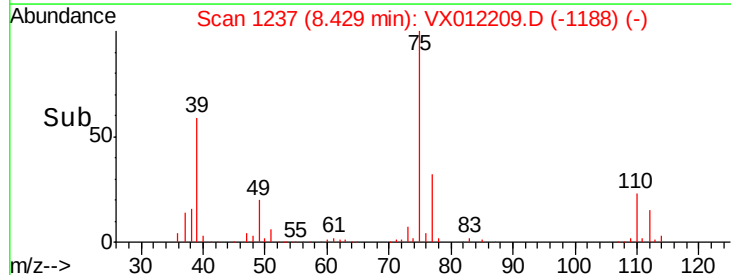
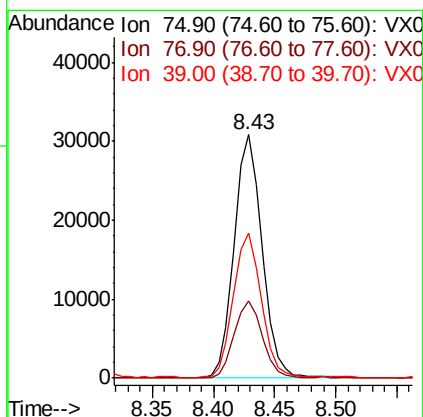
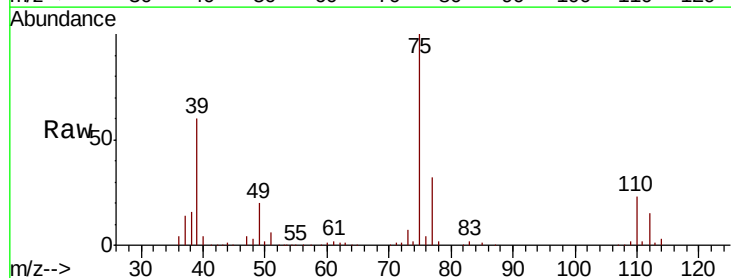
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

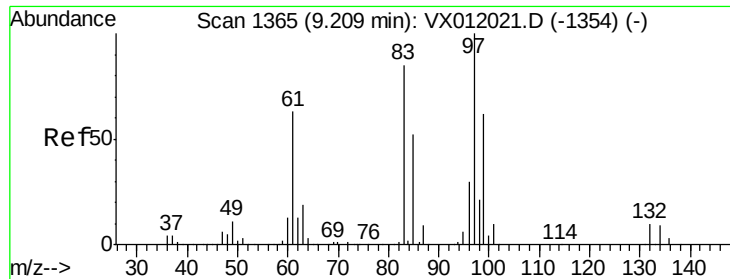
Tgt Ion: 75 Resp: 43294
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.430 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 75 Resp: 48824
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 59.4 43.0 64.4

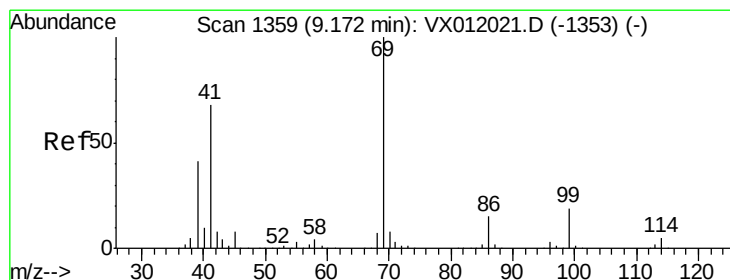
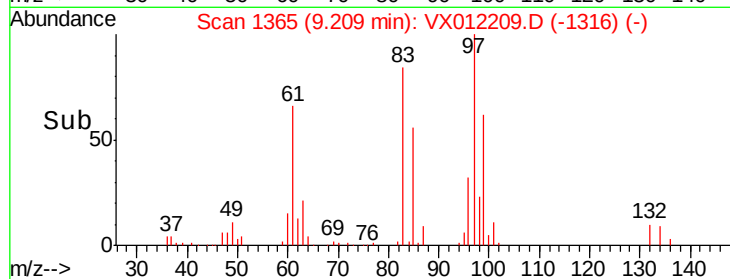
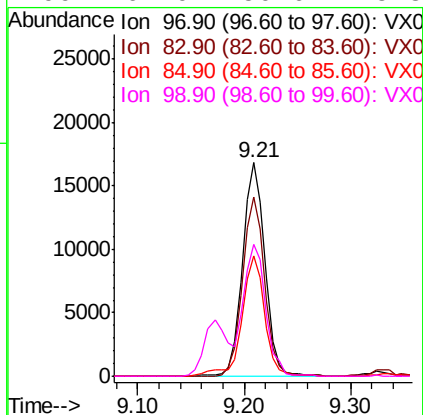
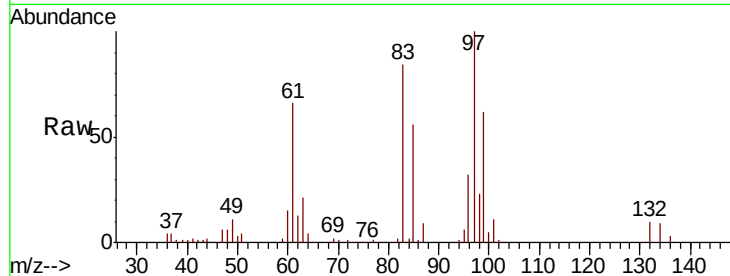




#55
 1,1,2-Trichloroethane
 Concen: 19.138 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

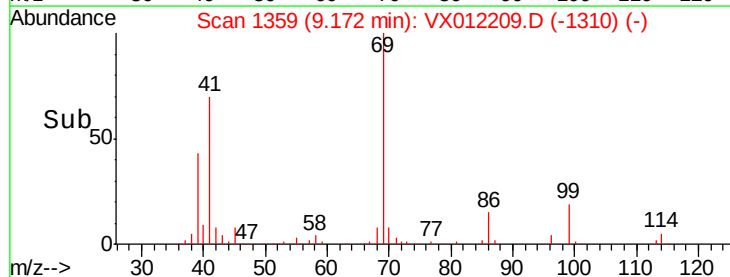
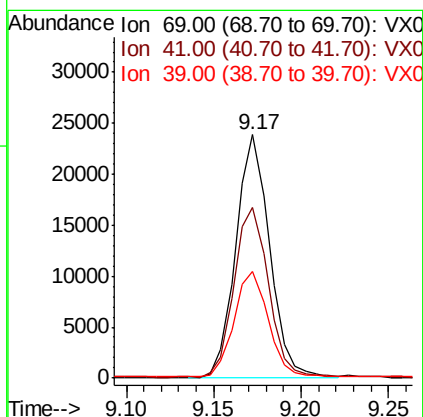
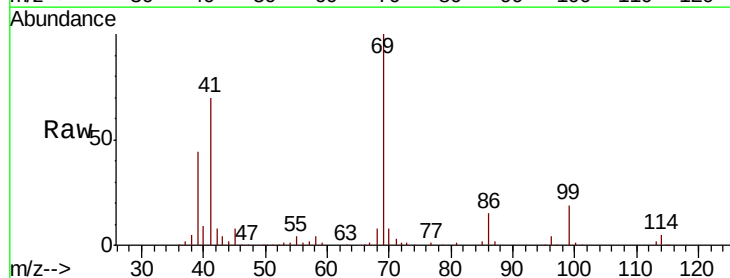
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

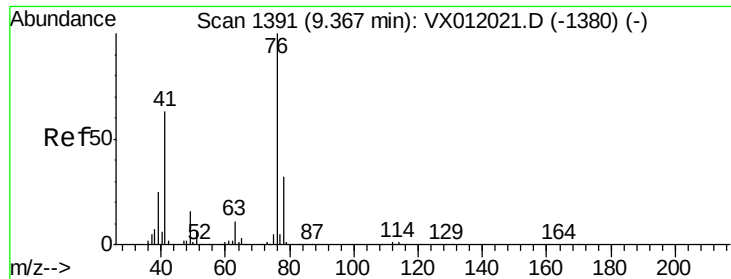
Tgt Ion:	97	Resp:	24768
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.0	99.0
85	56.3	41.0	61.6
99	62.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 17.443 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion:	69	Resp:	32335
Ion	Ratio	Lower	Upper
69	100		
41	70.9	53.9	80.9
39	44.2	31.1	46.7

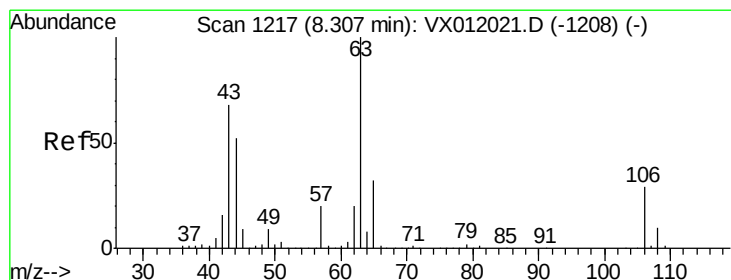
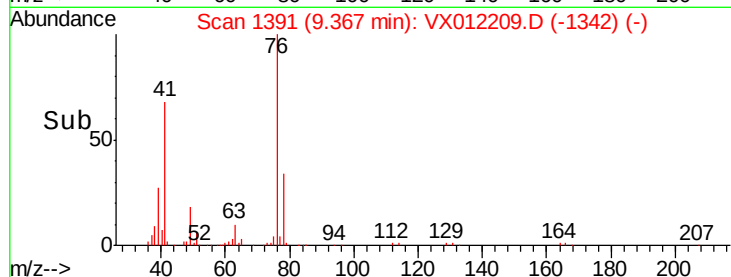
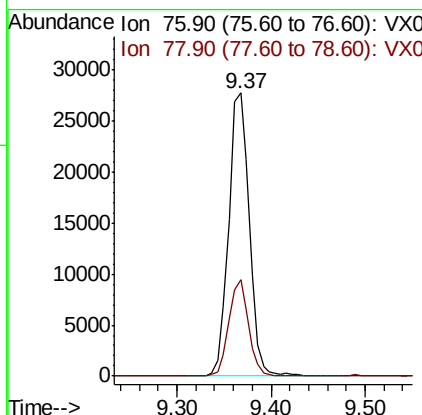
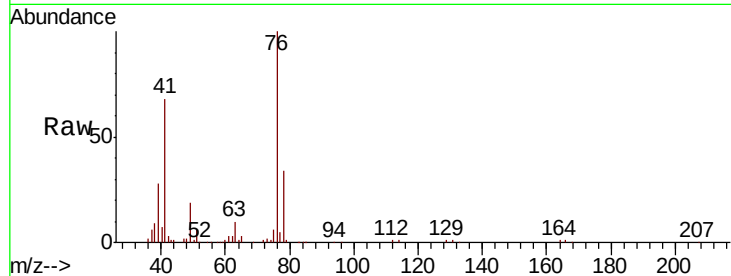




#57
 1,3-Dichloropropane
 Concen: 18.921 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

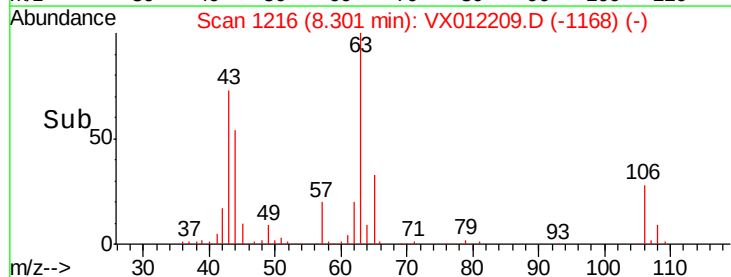
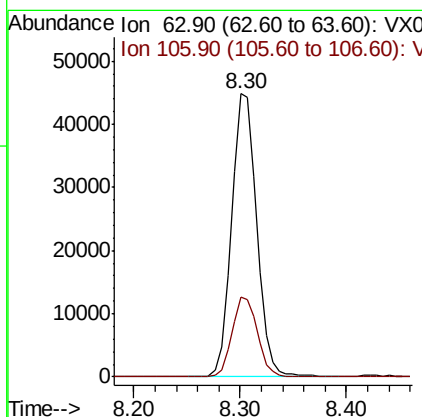
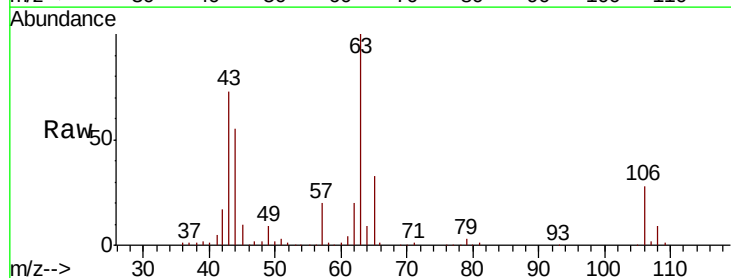
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

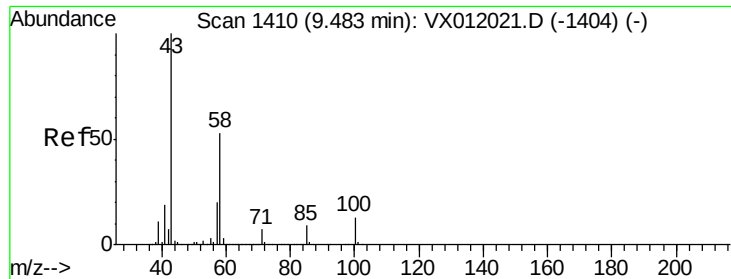
Tgt Ion: 76 Resp: 42256
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.079 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 63 Resp: 74448
 Ion Ratio Lower Upper
 63 100
 106 28.5 26.5 39.7

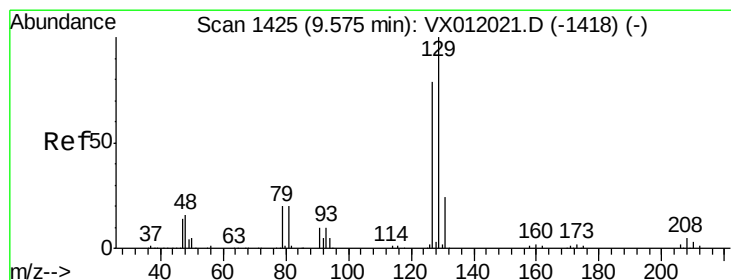
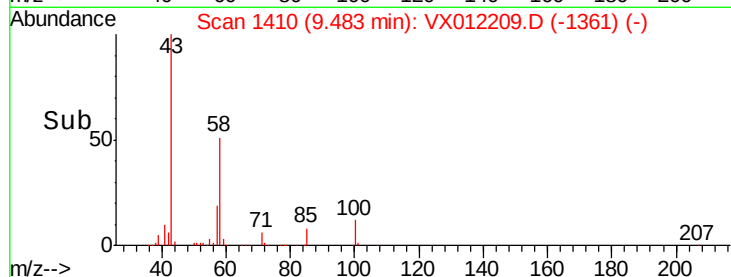
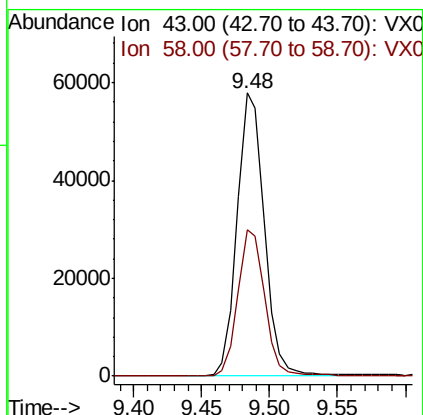
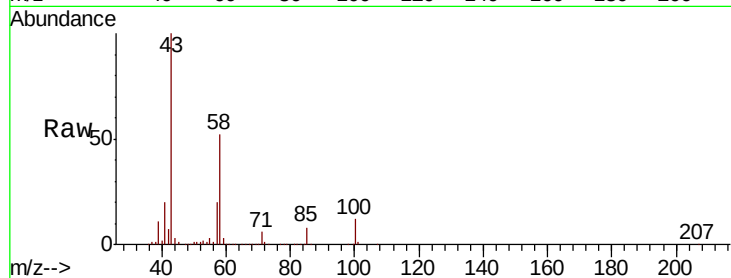




#59
2-Hexanone
Concen: 93.508 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

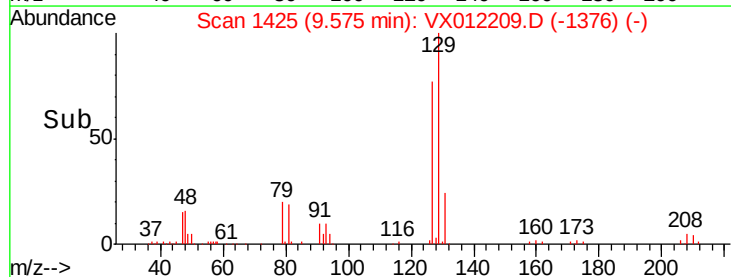
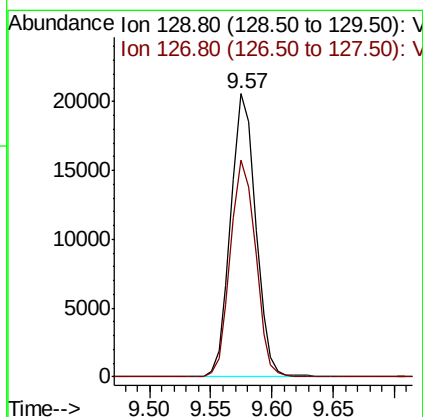
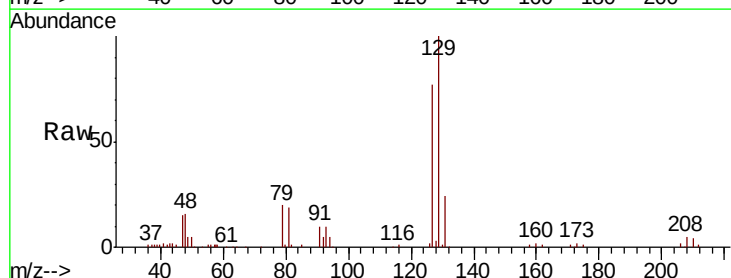
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

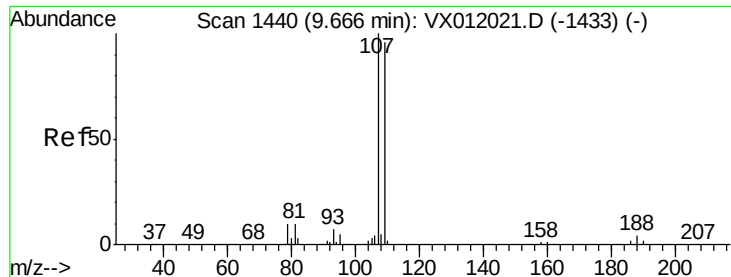
Tgt Ion: 43 Resp: 80228
Ion Ratio Lower Upper
43 100
58 51.8 27.2 81.6



#60
Dibromochloromethane
Concen: 18.972 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion: 129 Resp: 29263
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.008 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

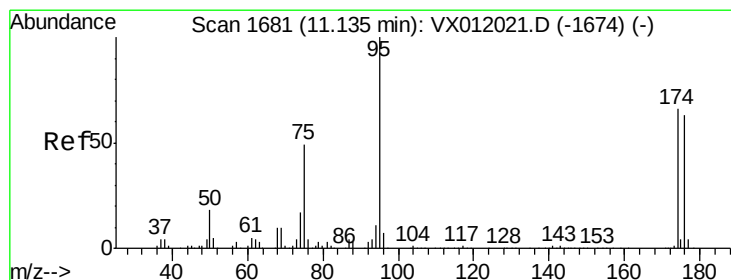
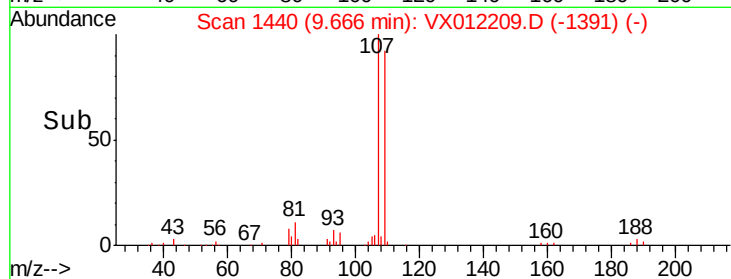
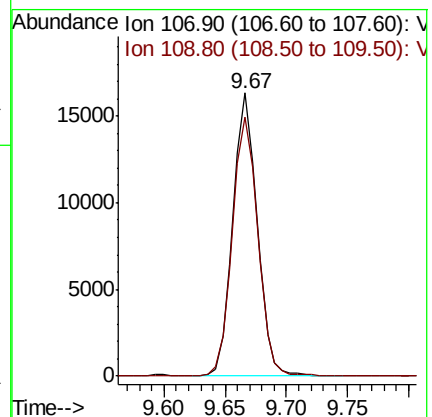
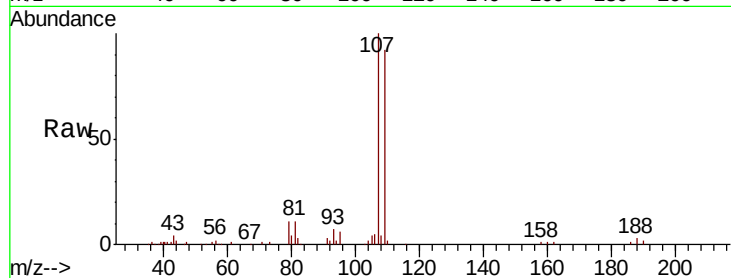
VX0907SBS03

Tgt Ion: 107 Resp: 22521

Ion Ratio Lower Upper

107 100

109 95.6 76.9 115.3



#62

4-Bromofluorobenzene

Concen: 42.503 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

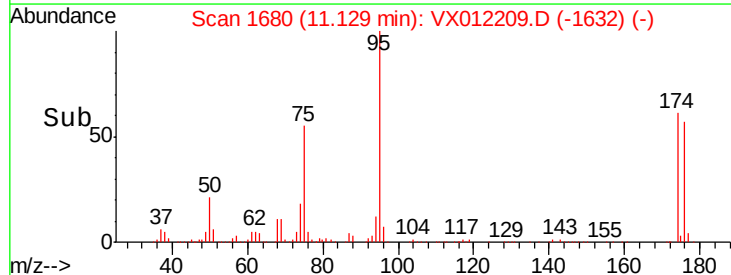
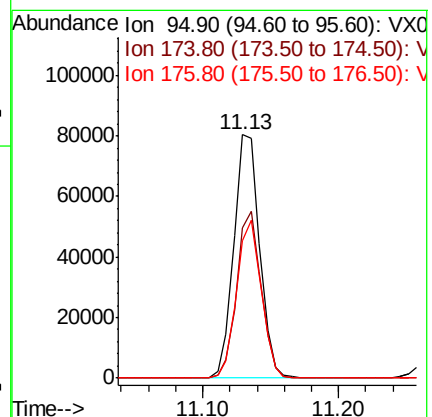
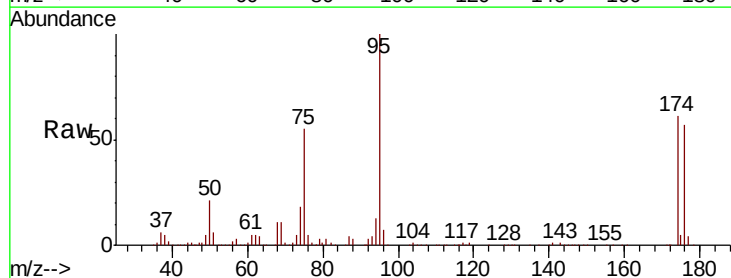
Tgt Ion: 95 Resp: 105885

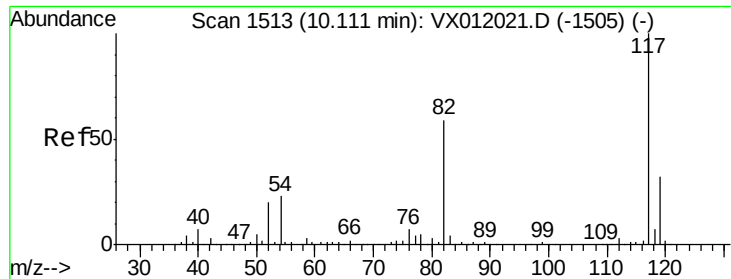
Ion Ratio Lower Upper

95 100

174 65.1 0.0 205.4

176 62.7 0.0 201.8

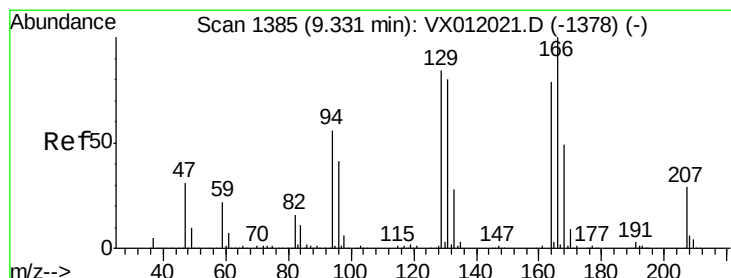
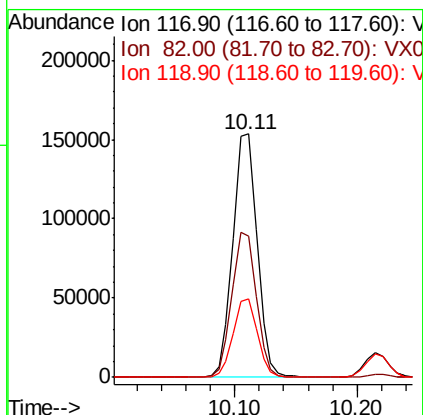
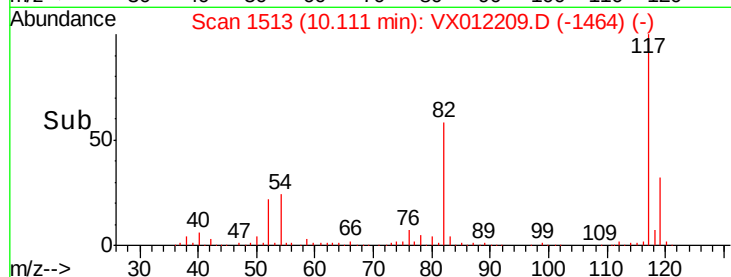
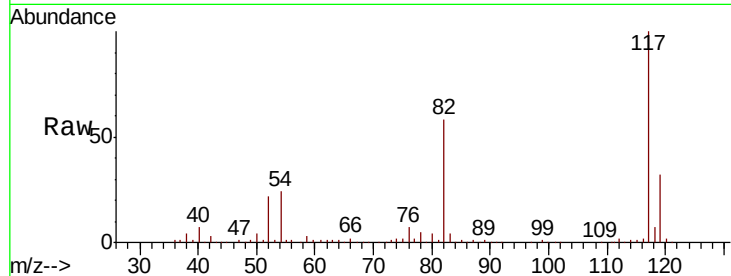




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

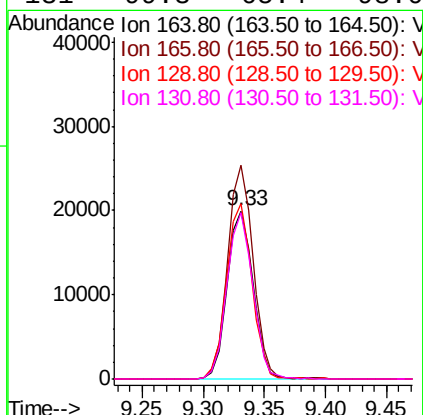
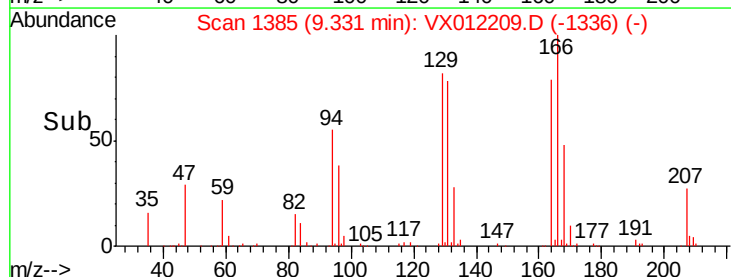
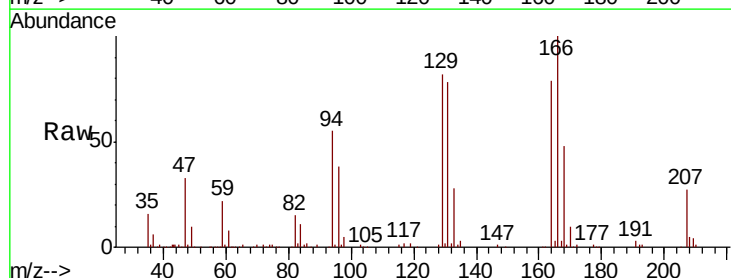
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

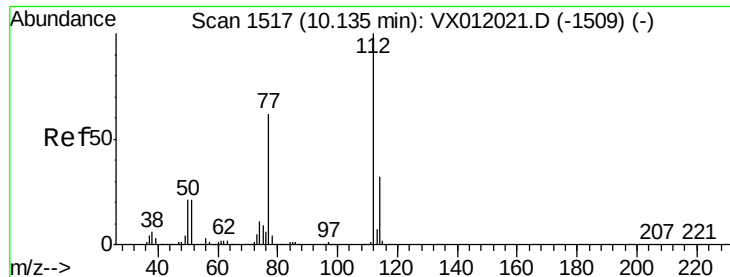
Tgt Ion:117 Resp: 210979
Ion Ratio Lower Upper
117 100
82 57.9 39.4 59.0
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 22.229 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion:164 Resp: 29238
Ion Ratio Lower Upper
164 100
166 127.1 104.3 156.5
129 104.3 68.3 102.5#
131 99.3 65.4 98.0#

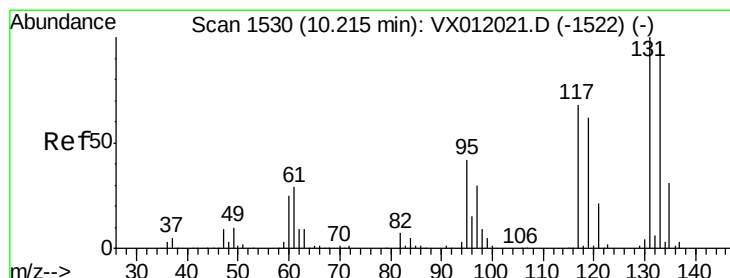
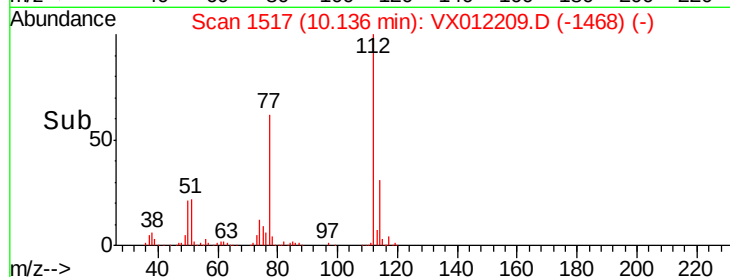
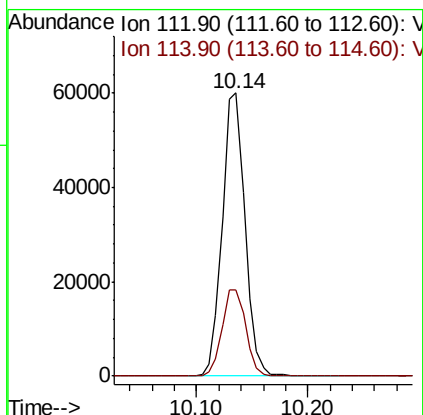
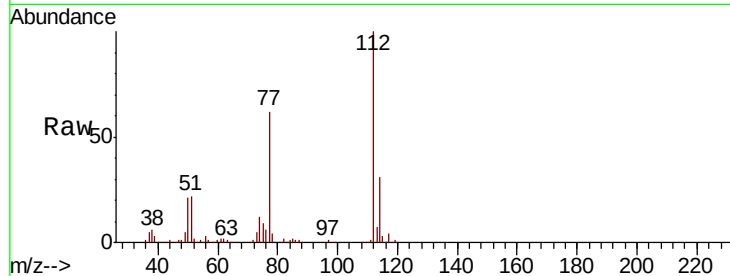




#65
Chlorobenzene
Concen: 20.442 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

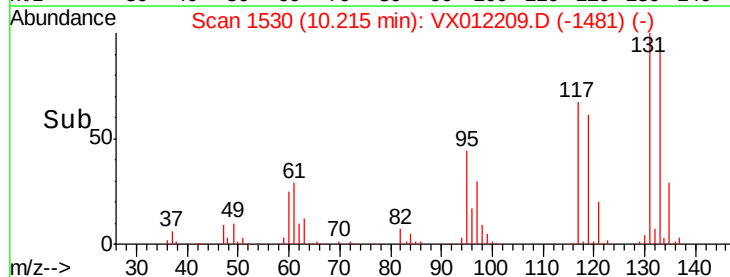
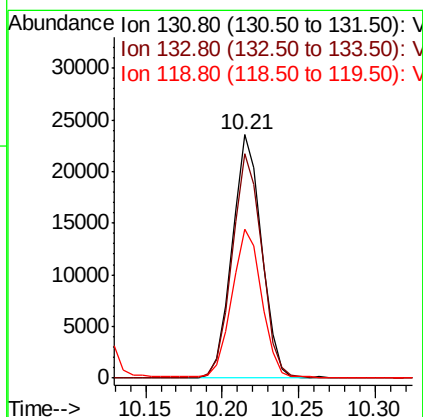
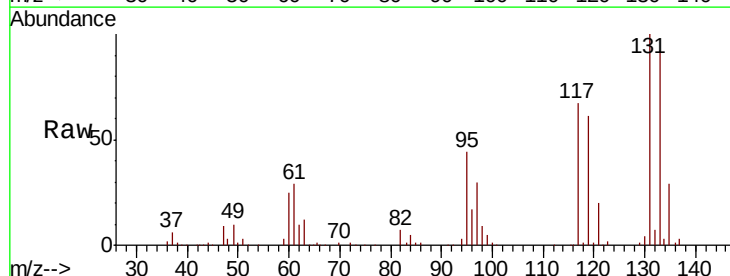
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

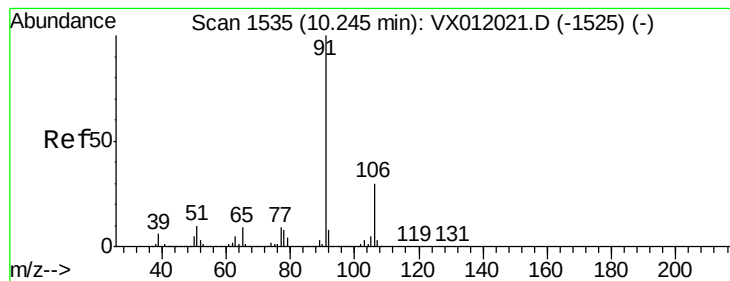
Tgt Ion:112 Resp: 85094
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.619 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion:131 Resp: 31384
Ion Ratio Lower Upper
131 100
133 93.3 48.4 145.0
119 62.7 30.5 91.5





#67

Ethyl Benzene

Concen: 21.177 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

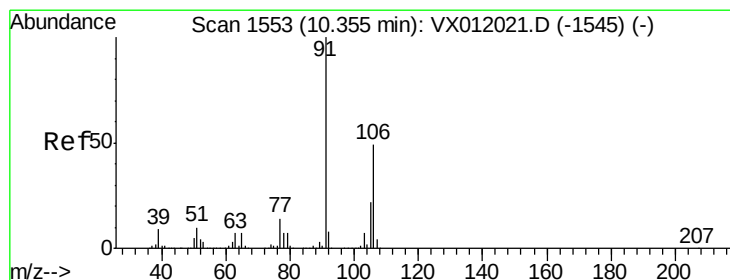
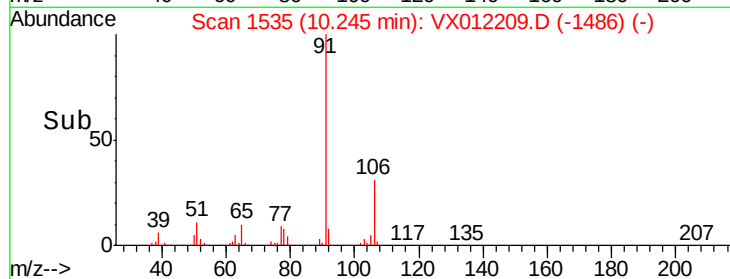
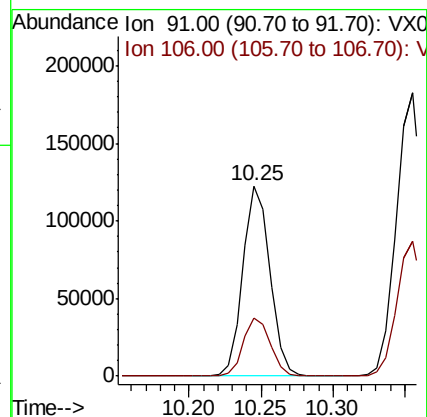
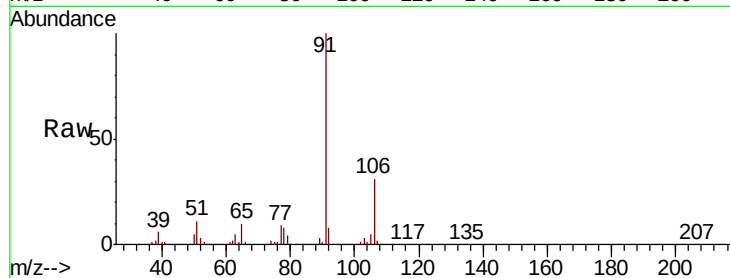
VX0907SBS03

Tgt Ion: 91 Resp: 160689

Ion Ratio Lower Upper

91 100

106 30.5 25.8 38.8



#68

m/p-Xylenes

Concen: 42.049 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012209.D

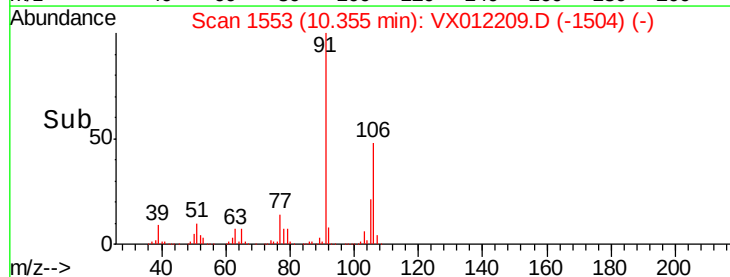
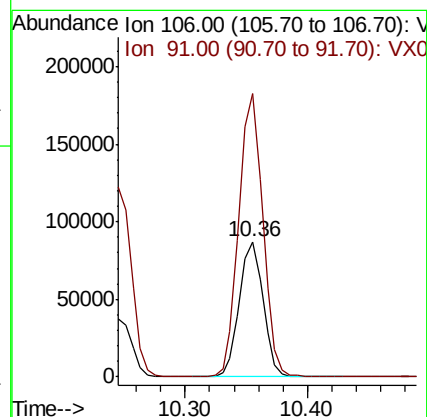
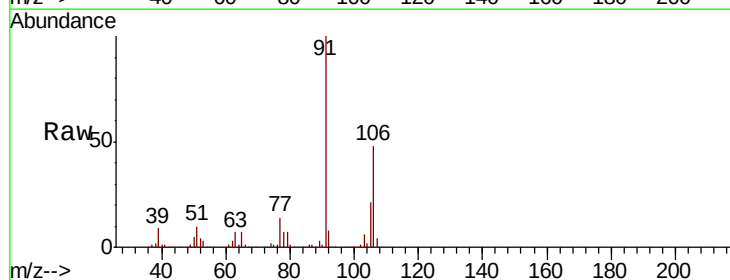
Acq: 08 Sep 2019 08:37

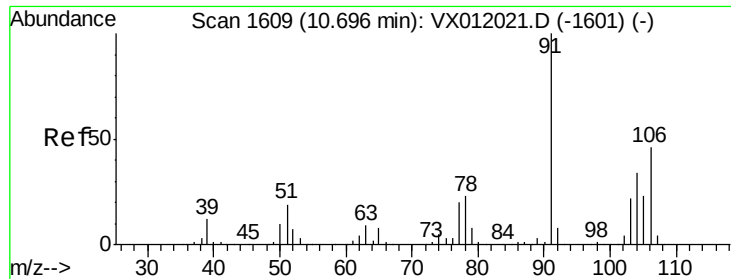
Tgt Ion: 106 Resp: 117556

Ion Ratio Lower Upper

106 100

91 210.8 157.5 236.3

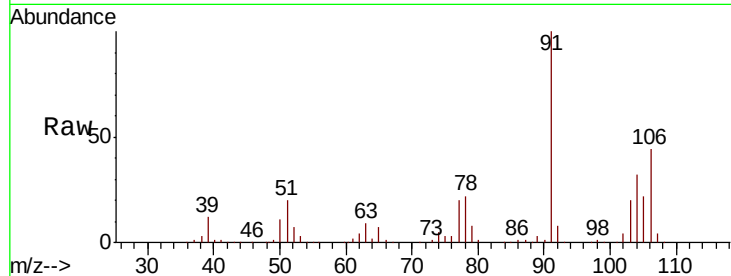




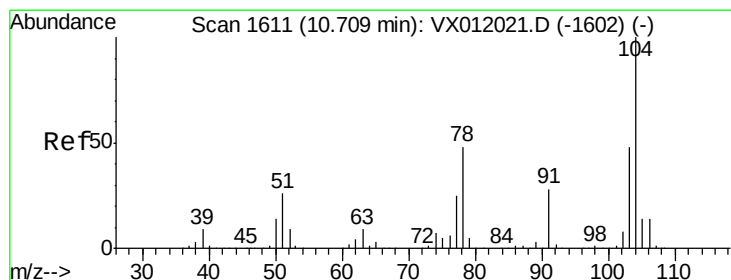
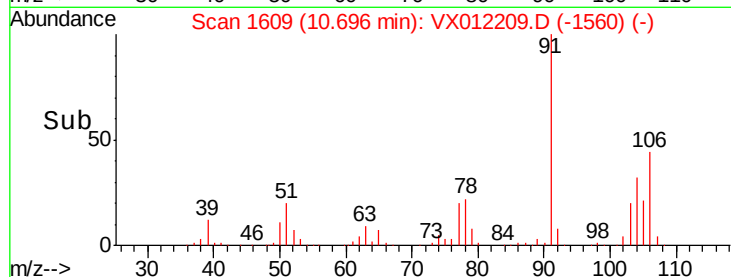
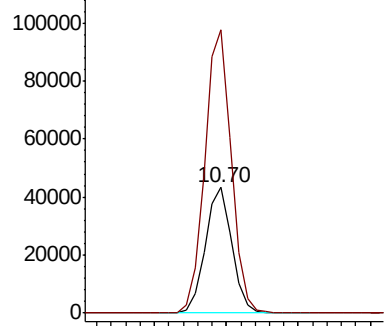
#69
o-Xylene
Concen: 20.479 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tgt Ion:106 Resp: 55518
Ion Ratio Lower Upper
106 100
91 225.7 103.5 310.3

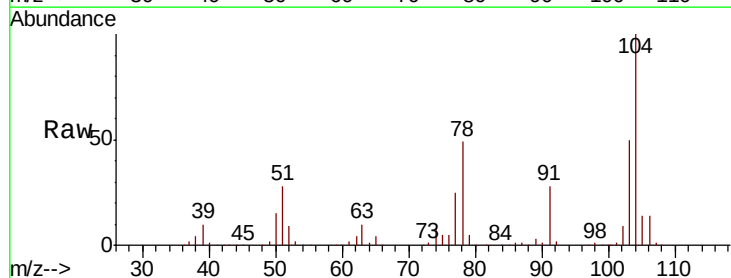


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

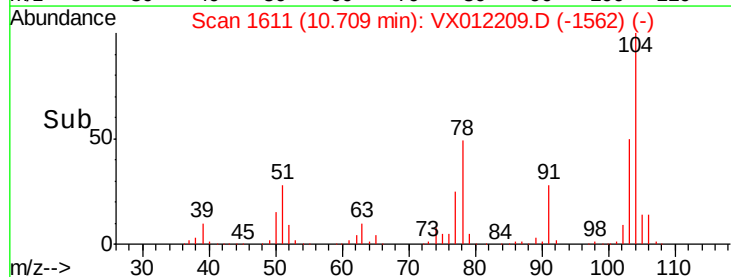
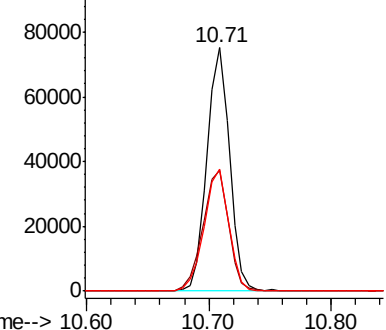


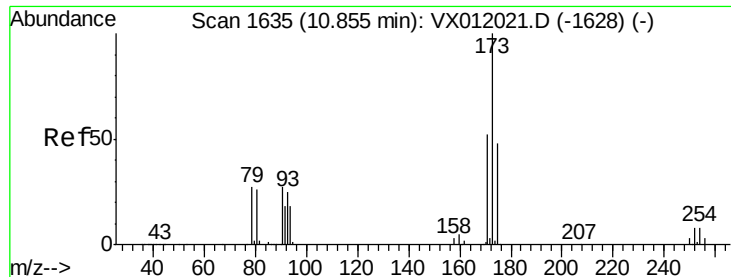
#70
Styrene
Concen: 20.351 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion:104 Resp: 95826
Ion Ratio Lower Upper
104 100
78 56.2 39.1 58.7
103 54.6 43.4 65.2



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





#71

Bromoform

Concen: 17.592 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

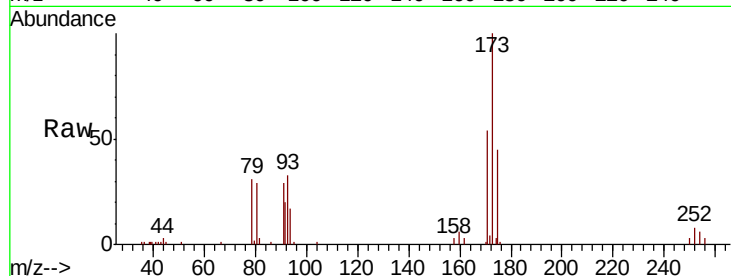
Tgt Ion:173 Resp: 14707

Ion Ratio Lower Upper

173 100

175 49.9 24.9 74.7

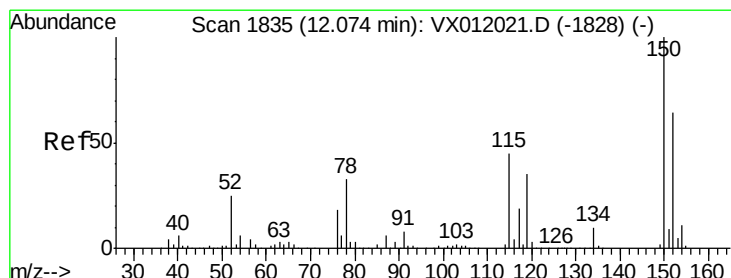
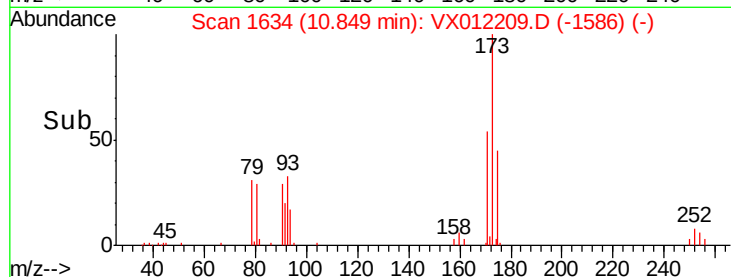
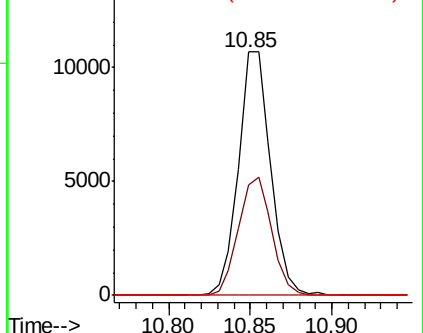
254 0.0 0.1 0.1#



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: VX012209.D

Acq: 08 Sep 2019 08:37

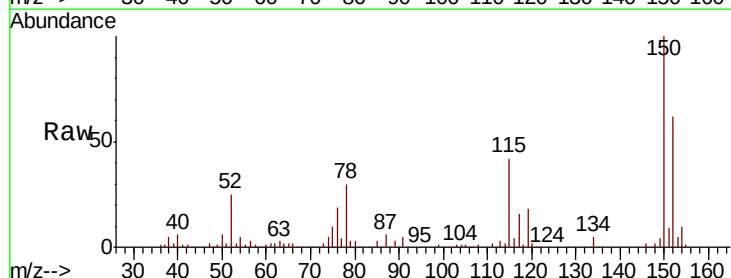
Tgt Ion:152 Resp: 104533

Ion Ratio Lower Upper

152 100

115 76.0 36.4 109.3

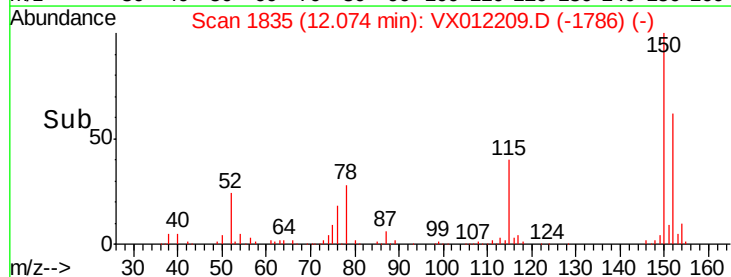
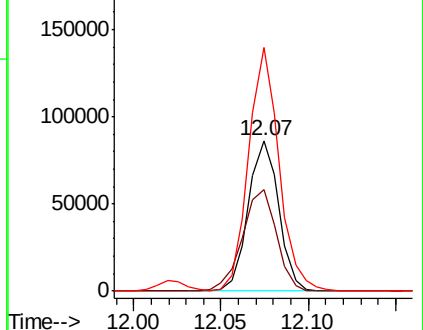
150 162.1 0.0 341.2

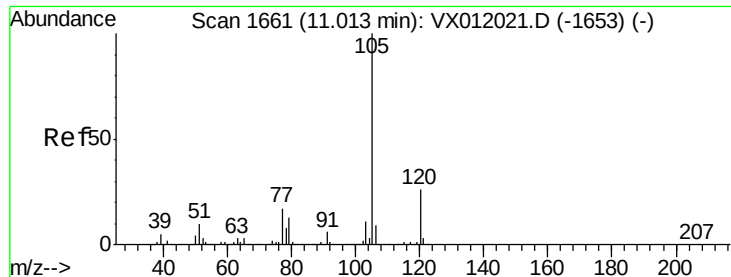


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.359 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampled :

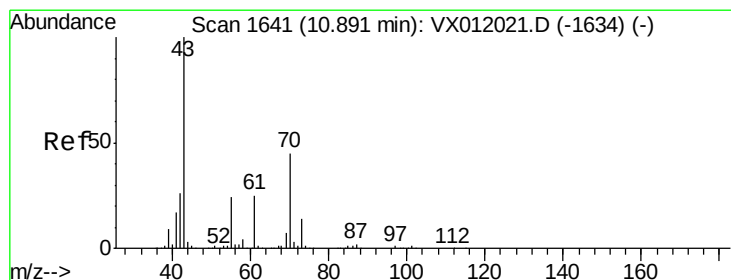
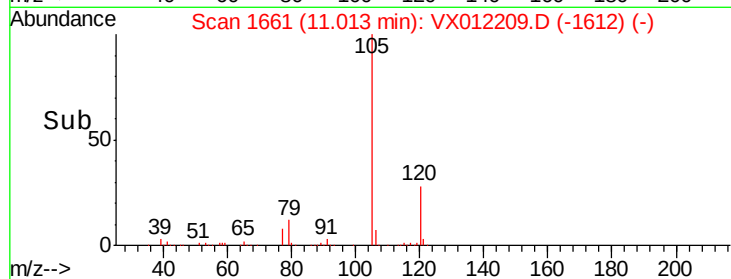
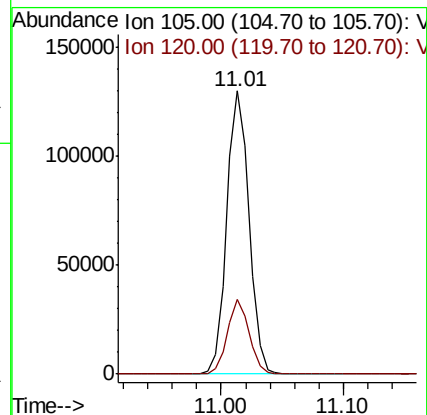
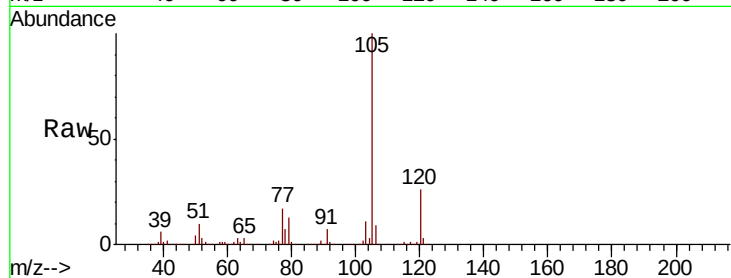
VX0907SBS03

Tgt Ion: 105 Resp: 163819

Ion Ratio Lower Upper

105 100

120 25.7 13.9 41.6



#74

N-ethyl acetate

Concen: 17.826 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Tgt Ion: 43 Resp: 40424

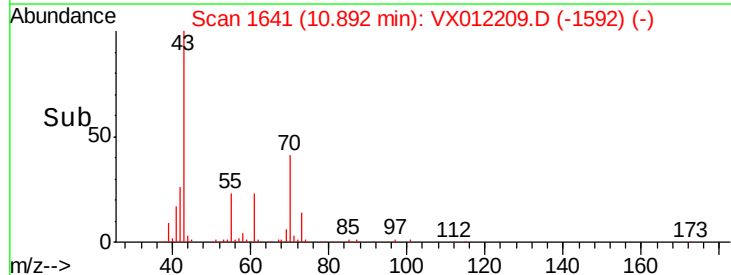
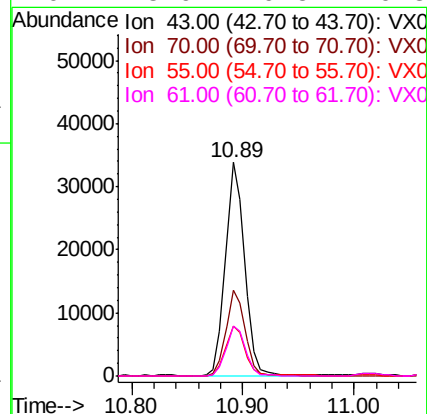
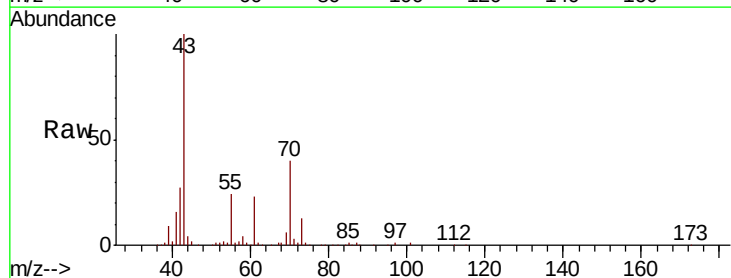
Ion Ratio Lower Upper

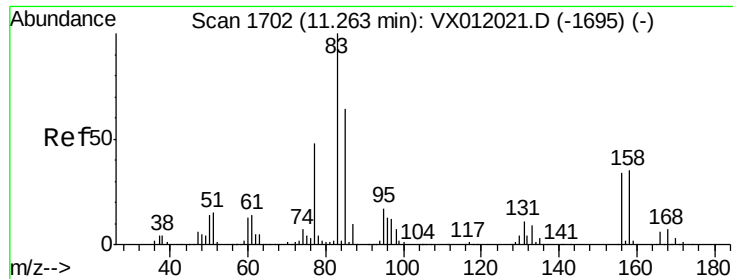
43 100

70 40.6 34.4 51.6

55 24.2 18.5 27.7

61 23.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.215 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

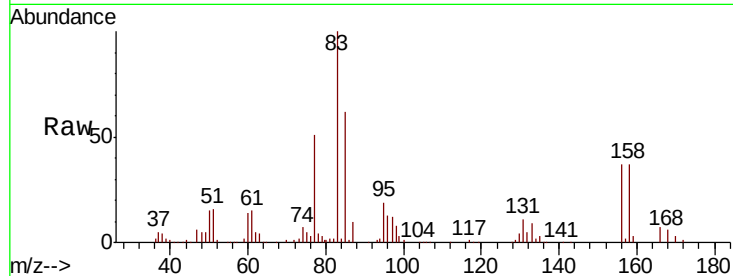
Tgt Ion: 83 Resp: 29125

Ion Ratio Lower Upper

83 100

131 11.4 6.3 19.1

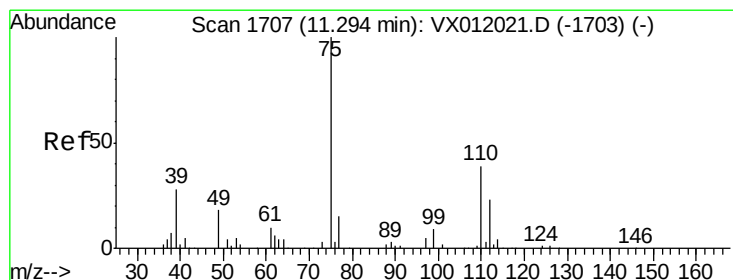
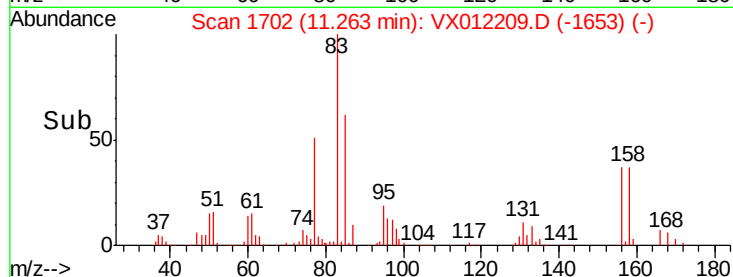
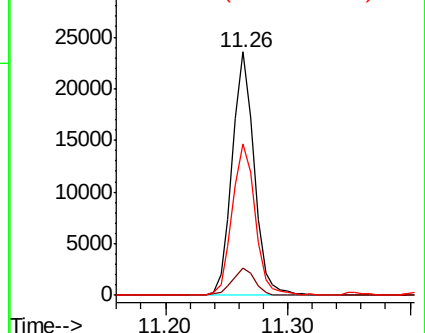
85 65.0 32.5 97.4



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: 24.675 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012209.D

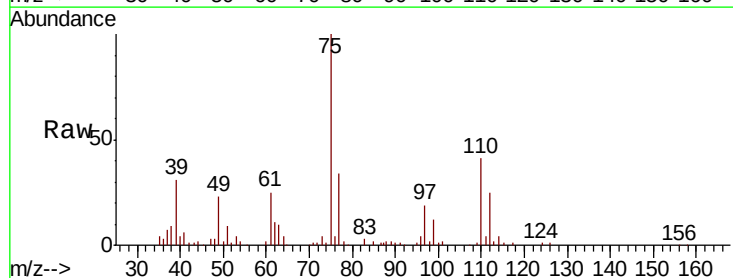
Acq: 08 Sep 2019 08:37

Tgt Ion: 75 Resp: 31516

Ion Ratio Lower Upper

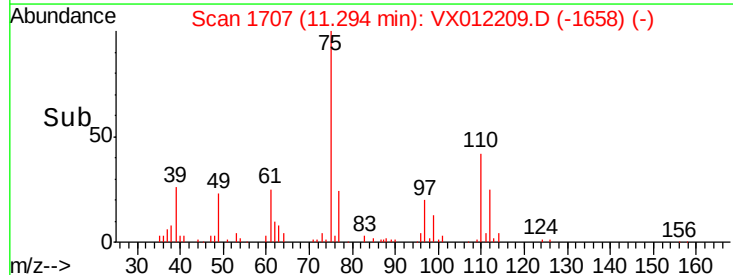
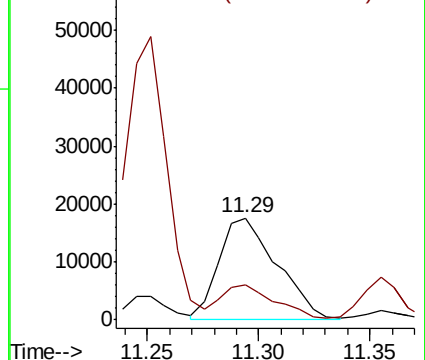
75 100

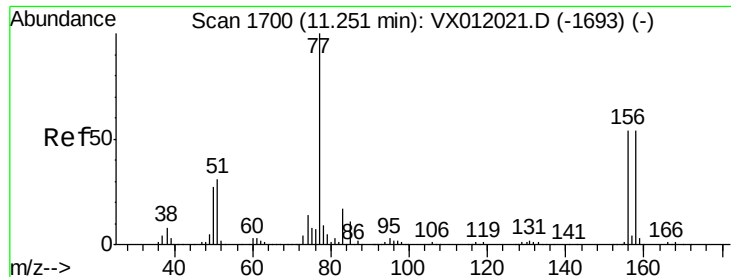
77 32.1 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.200 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

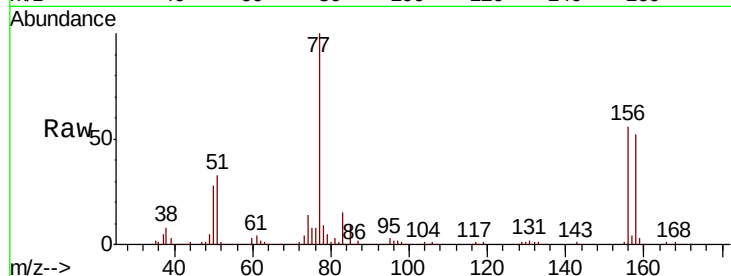
Tgt Ion:156 Resp: 34650

Ion Ratio Lower Upper

156 100

77 184.3 63.4 190.2

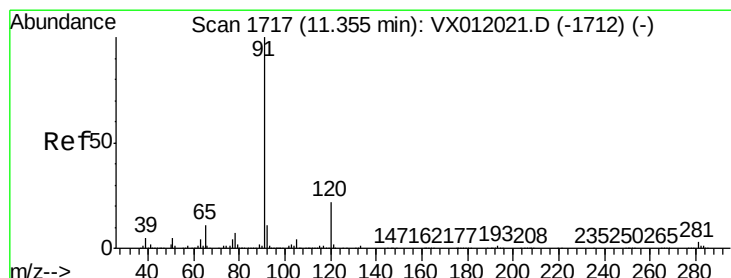
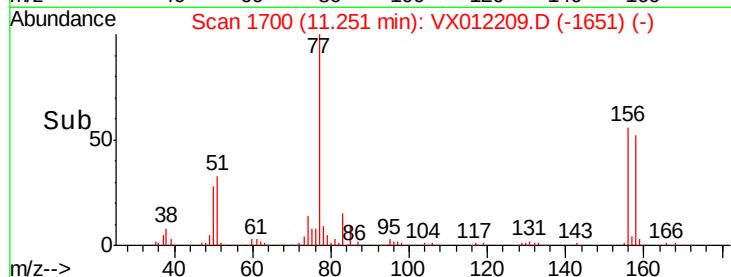
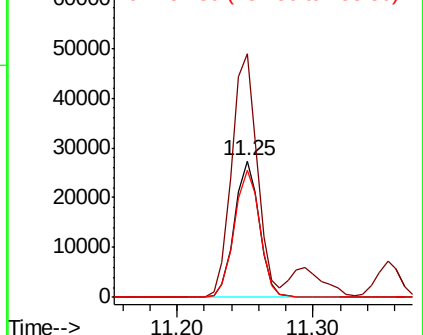
158 95.7 48.9 146.6



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: 21.406 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012209.D

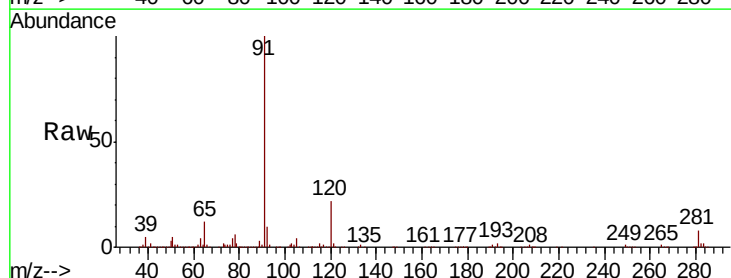
Acq: 08 Sep 2019 08:37

Tgt Ion: 91 Resp: 198346

Ion Ratio Lower Upper

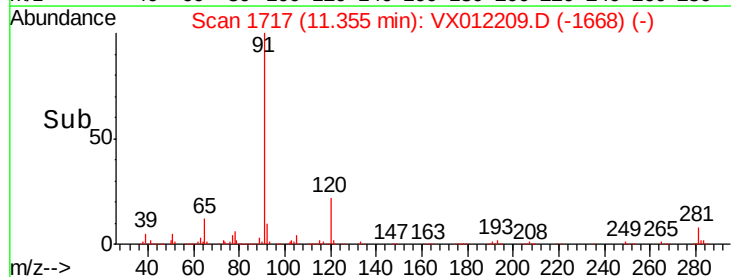
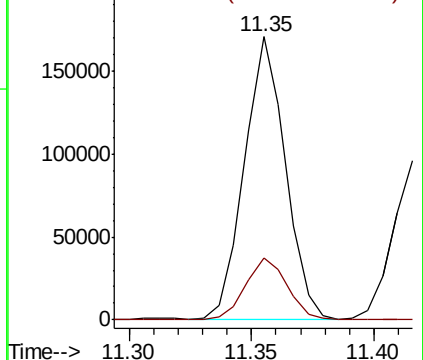
91 100

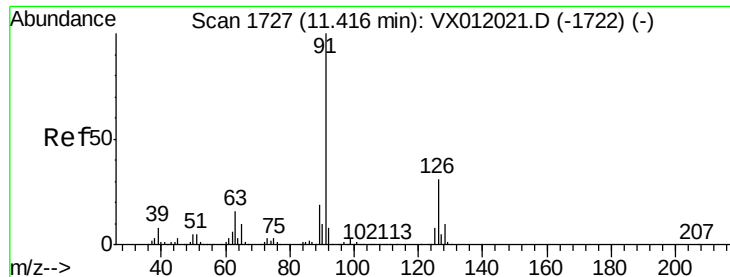
120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

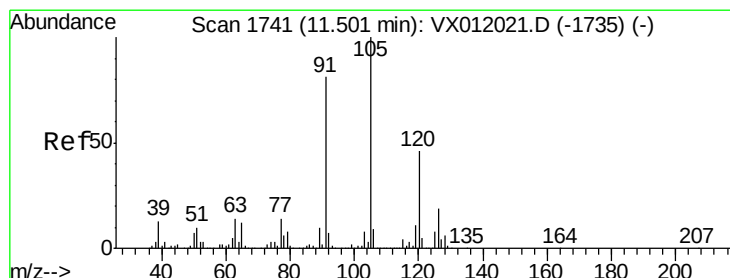
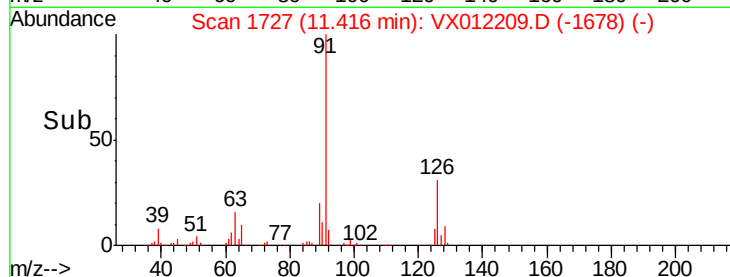
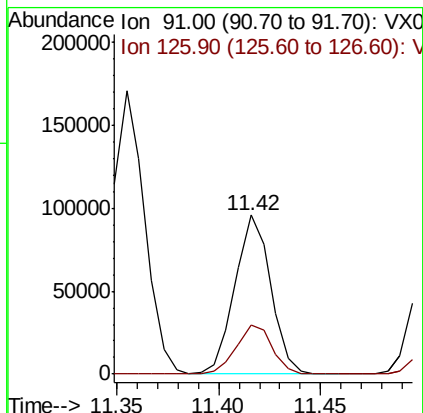
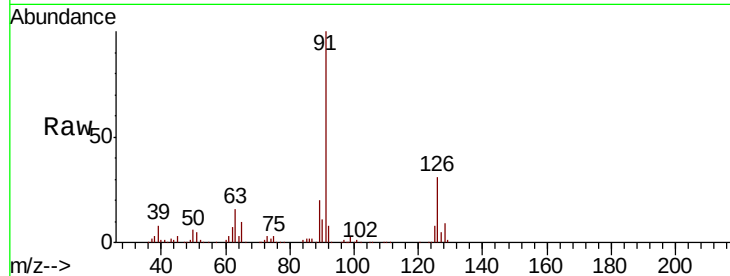




#79
 2-Chlorotoluene
 Concen: 20.697 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

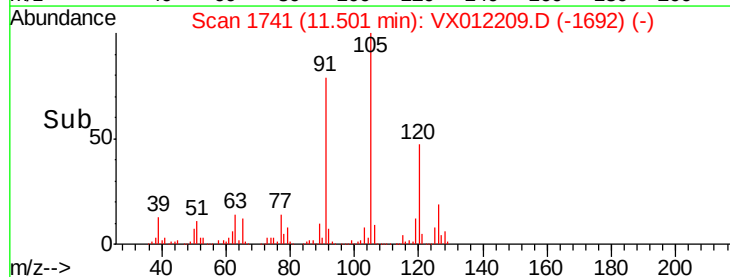
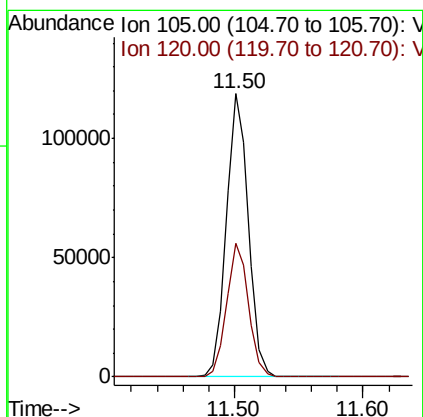
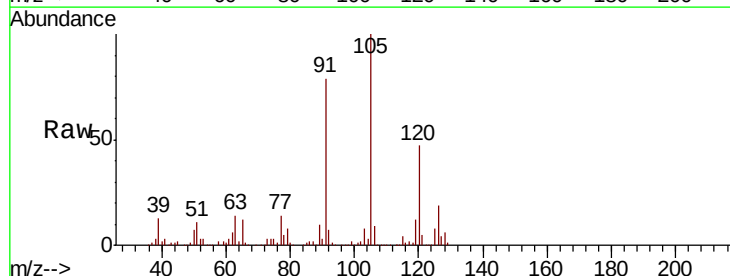
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

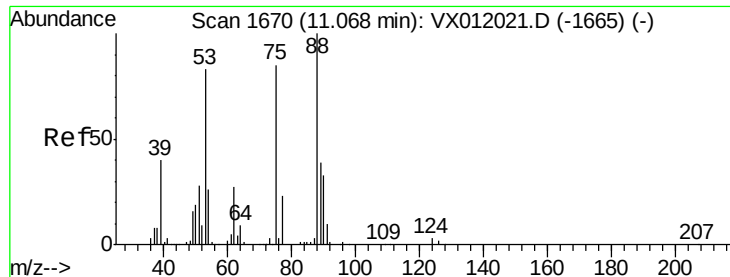
Tgt Ion: 91 Resp: 116185
 Ion Ratio Lower Upper
 91 100
 126 31.4 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.160 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 105 Resp: 142221
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.783 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

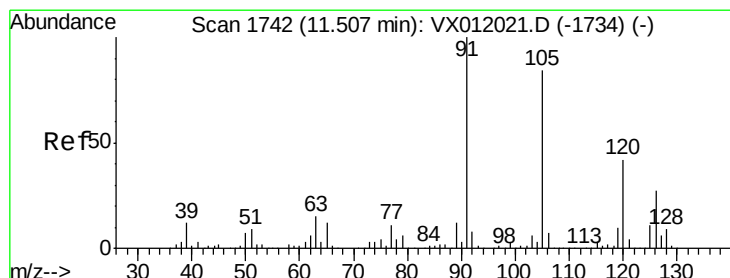
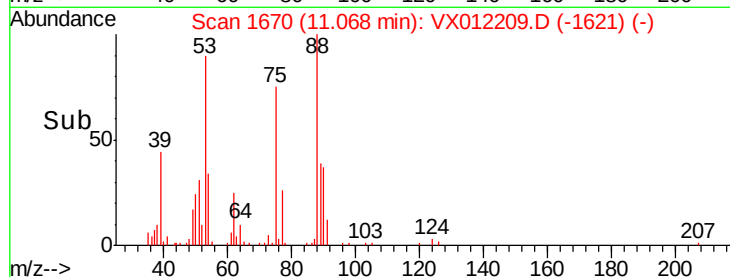
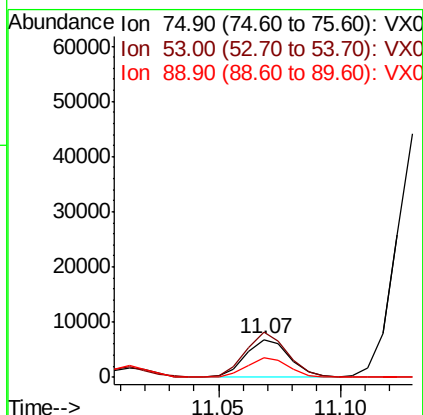
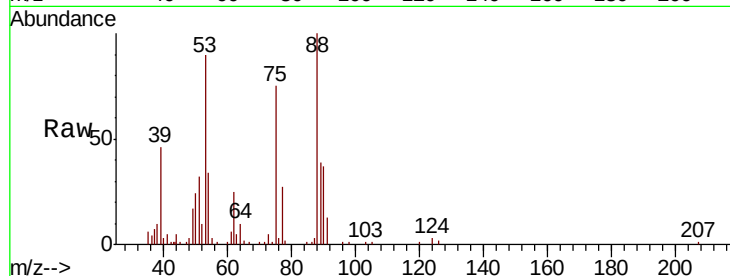
Tgt Ion: 75 Resp: 8527

Ion Ratio Lower Upper

75 100

53 114.0 78.6 117.8

89 49.9 38.8 58.2



#82

4-Chlorotoluene

Concen: 21.128 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012209.D

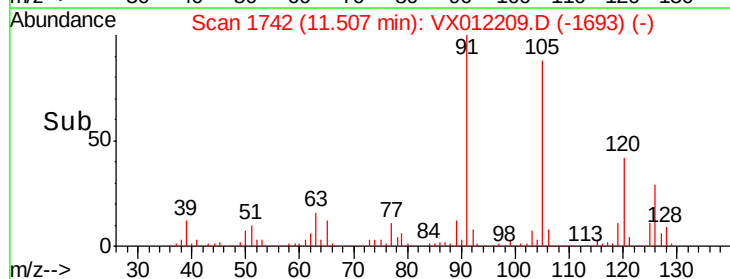
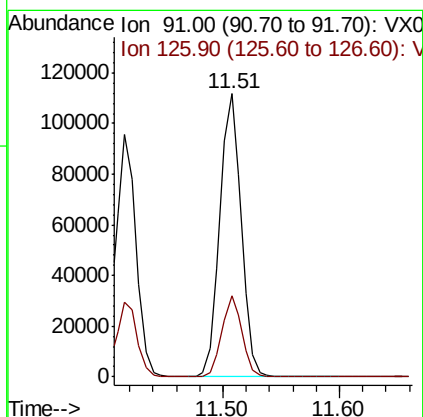
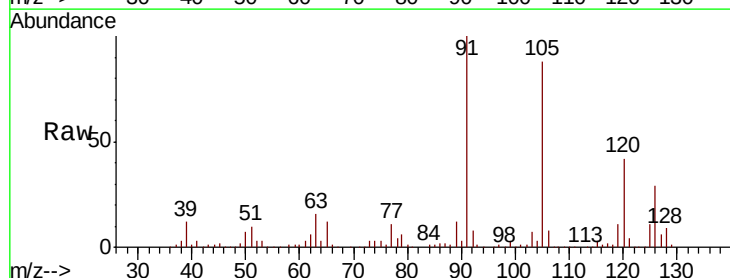
Acq: 08 Sep 2019 08:37

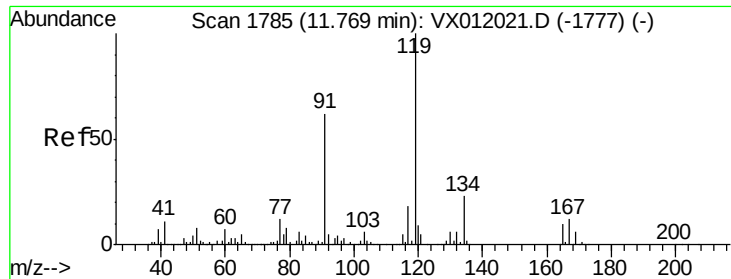
Tgt Ion: 91 Resp: 141361

Ion Ratio Lower Upper

91 100

126 27.2 16.2 48.6

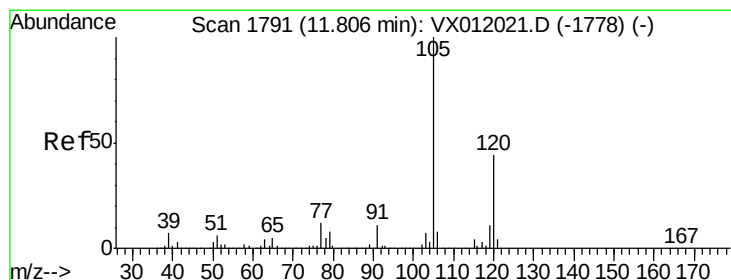
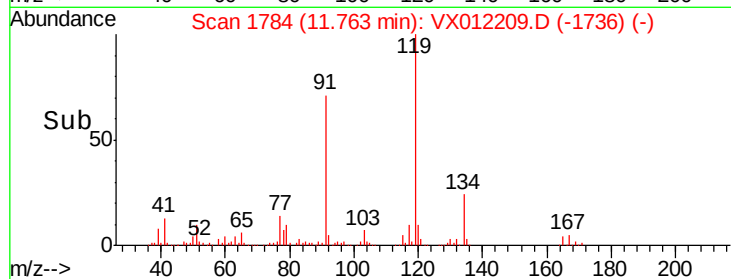
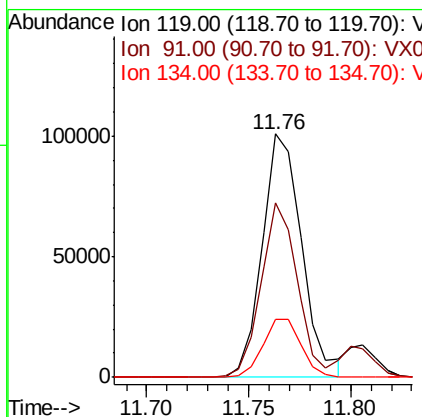
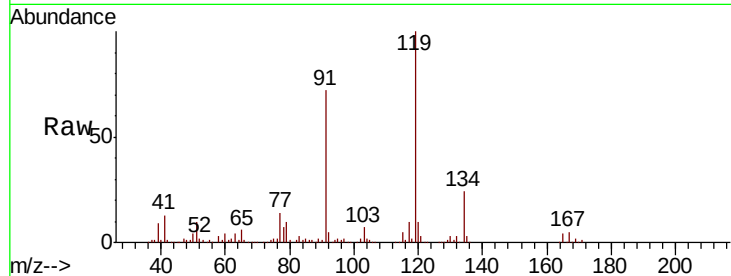




#83
 tert-Butylbenzene
 Concen: 21.329 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

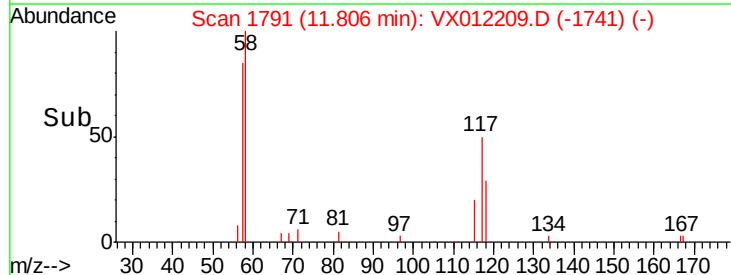
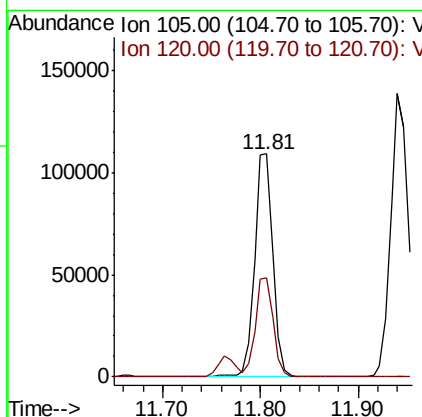
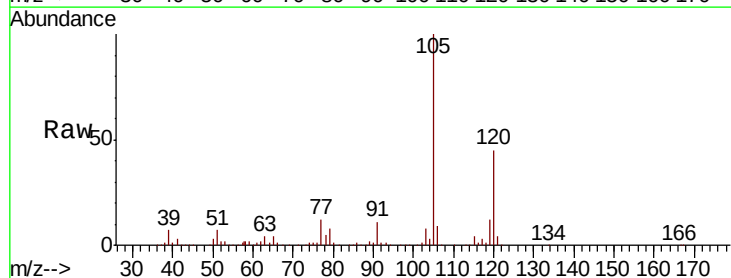
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

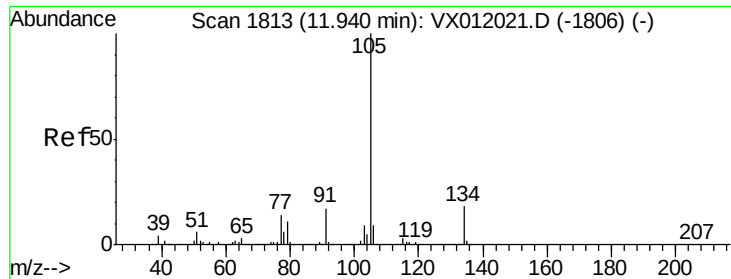
Tgt Ion:119 Resp: 136639
 Ion Ratio Lower Upper
 119 100
 91 65.5 27.1 81.2
 134 23.3 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.277 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion:105 Resp: 140077
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.229 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

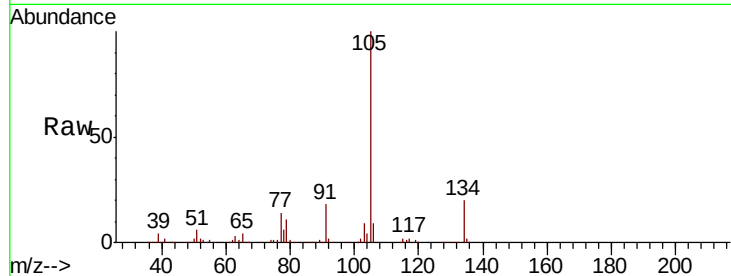
VX0907SBS03

Tgt Ion:105 Resp: 168916

Ion Ratio Lower Upper

105 100

134 19.9 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

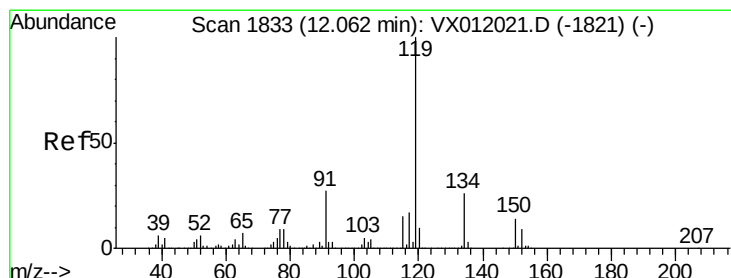
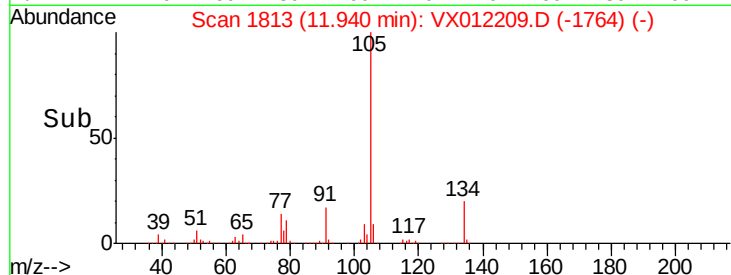
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.303 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

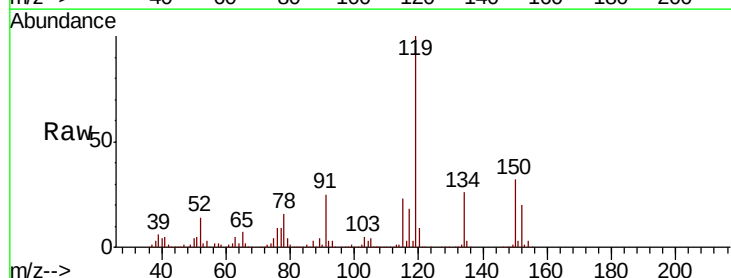
Tgt Ion:119 Resp: 154155

Ion Ratio Lower Upper

119 100

134 25.4 13.7 41.1

91 27.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

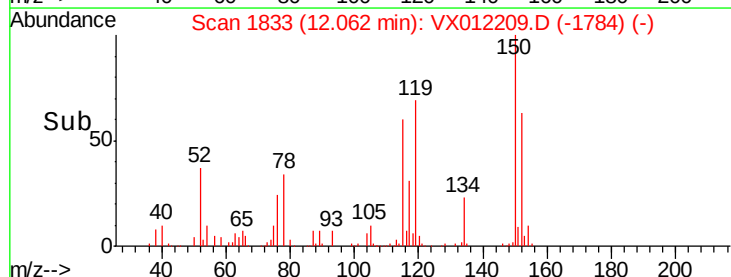
150000

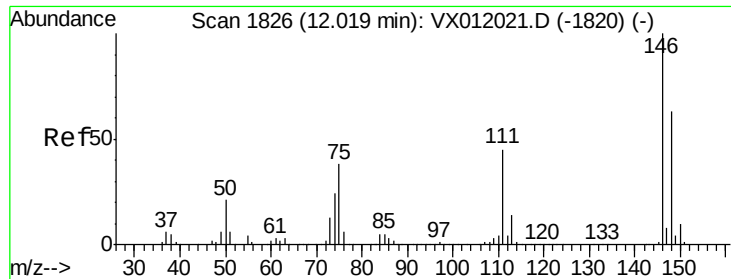
100000

50000

0

Time-->

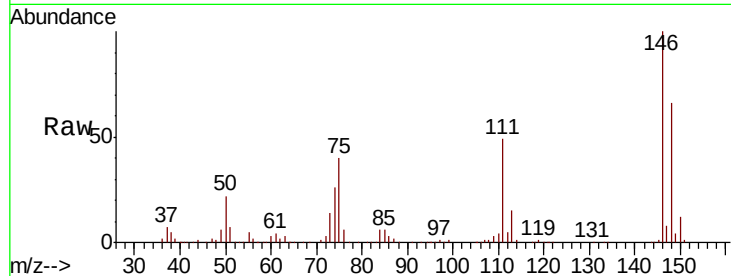




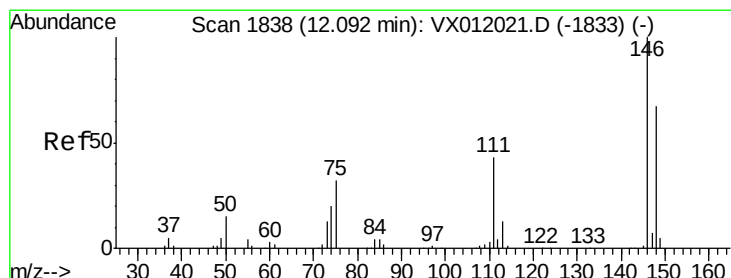
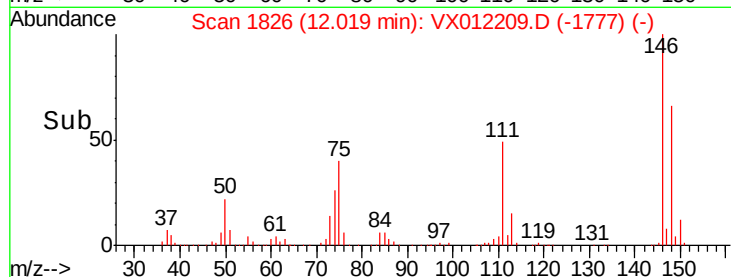
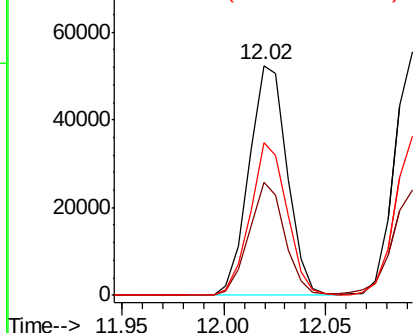
#87
 1,3-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

Tgt Ion:146 Resp: 68175
 Ion Ratio Lower Upper
 146 100
 111 46.4 18.1 54.1
 148 64.3 32.6 97.8

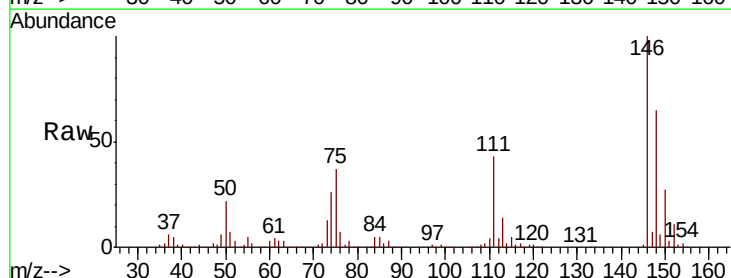


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

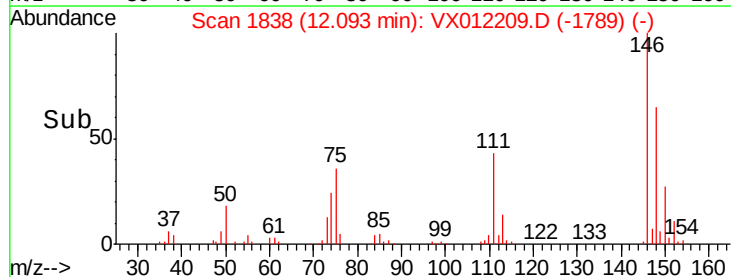
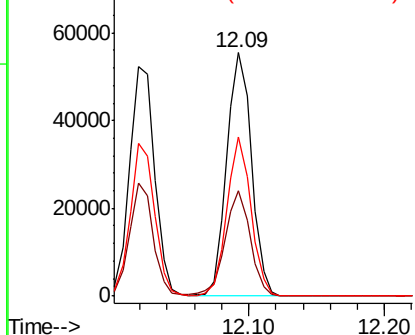


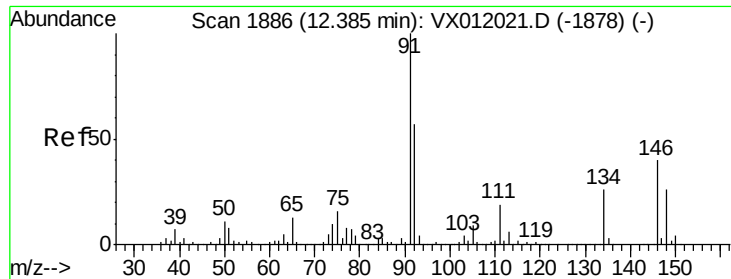
#88
 1,4-Dichlorobenzene
 Concen: 20.472 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion:146 Resp: 70359
 Ion Ratio Lower Upper
 146 100
 111 44.3 17.7 53.1
 148 63.4 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: 21.164 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012209.D

Acq: 08 Sep 2019 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

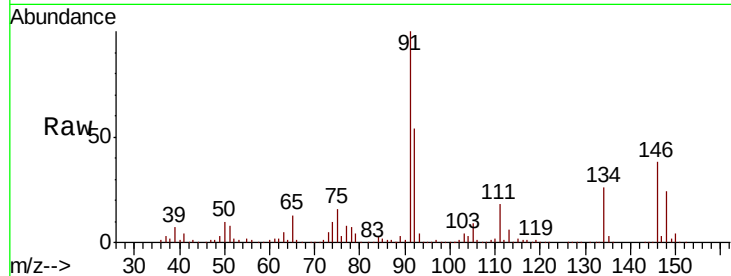
Tgt Ion: 91 Resp: 148775

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.8

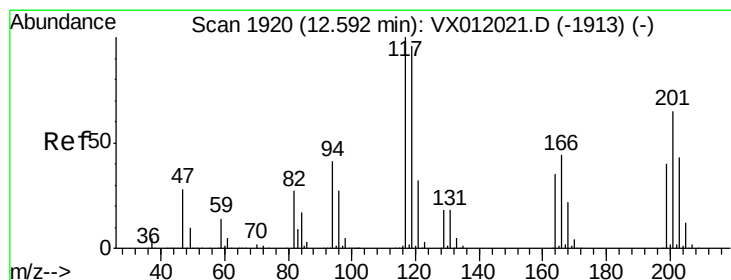
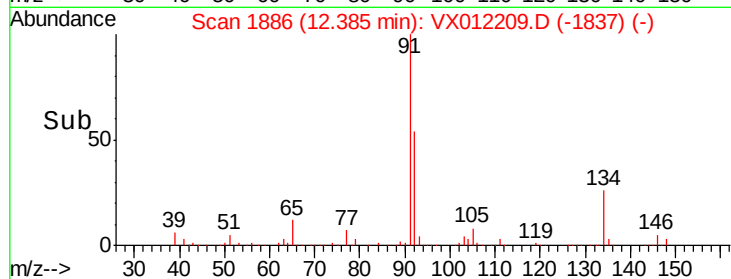
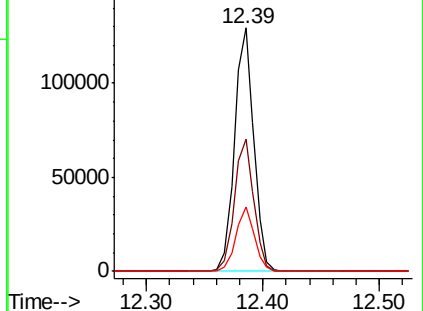
134 25.6 15.4 46.1



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: 18.721 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012209.D

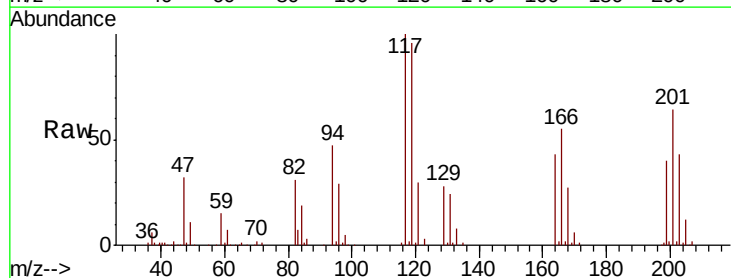
Acq: 08 Sep 2019 08:37

Tgt Ion: 117 Resp: 27049

Ion Ratio Lower Upper

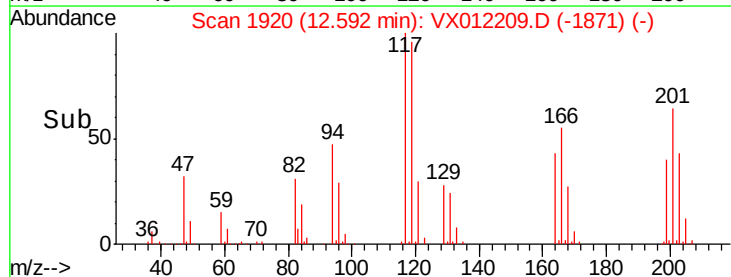
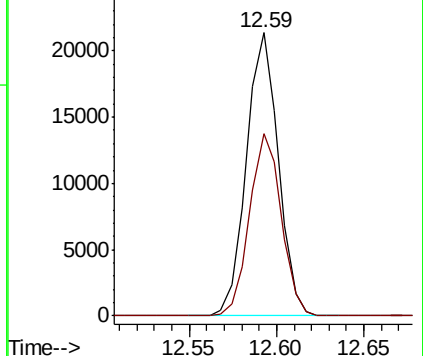
117 100

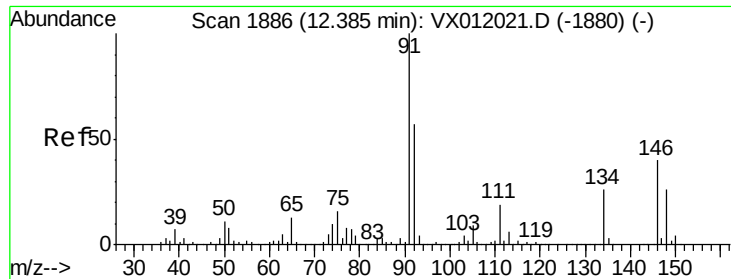
201 64.2 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

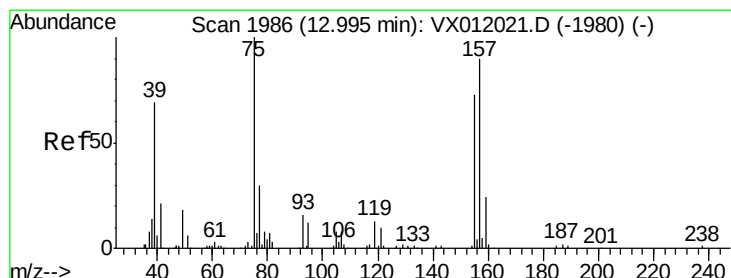
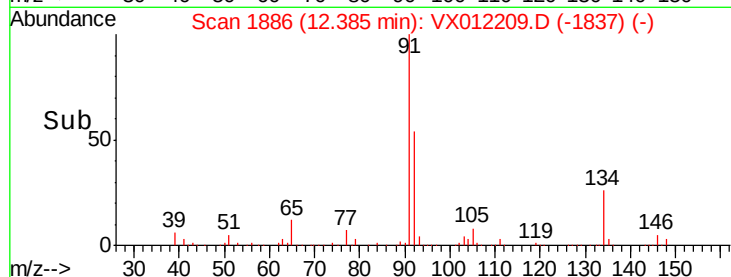
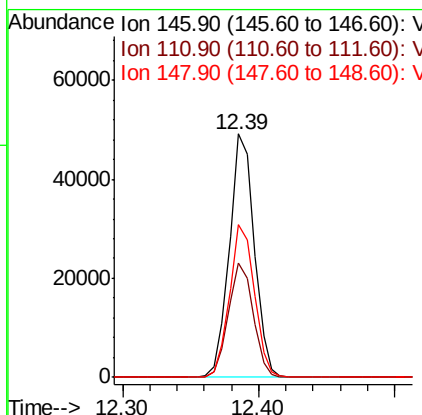
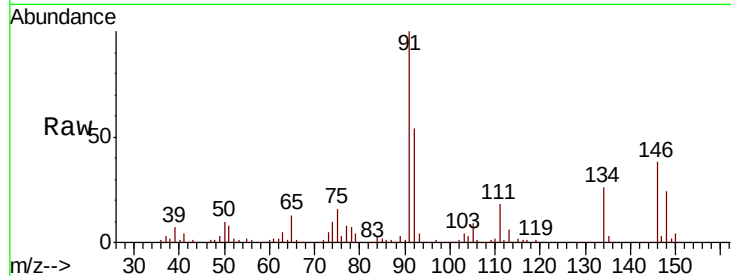




#91
 1,2-Dichlorobenzene
 Concen: 20.263 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

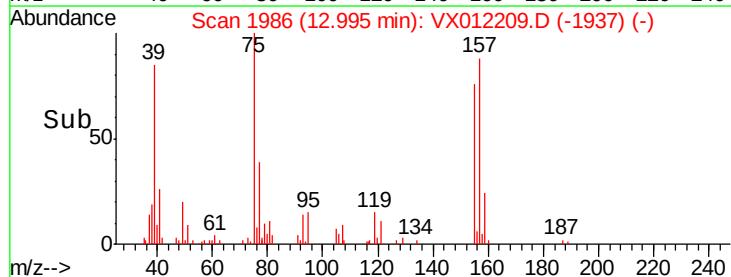
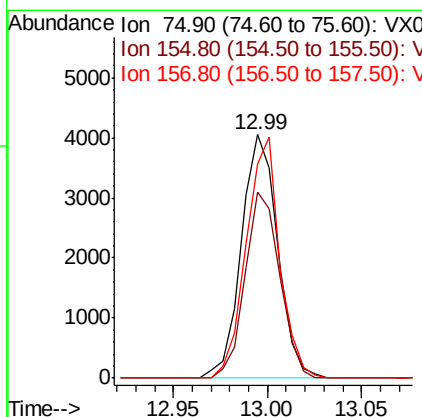
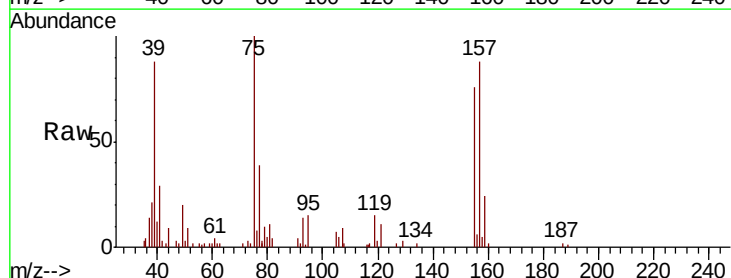
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

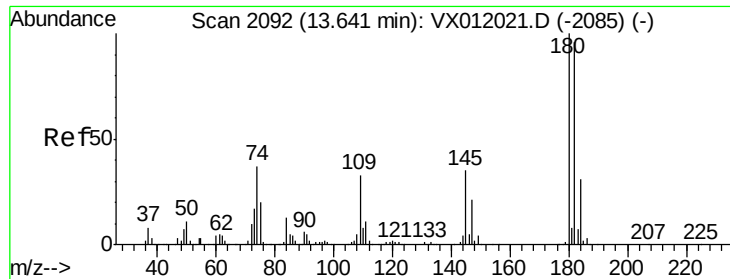
Tgt Ion: 146 Resp: 62727
 Ion Ratio Lower Upper
 146 100
 111 46.7 18.6 56.0
 148 62.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.115 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion: 75 Resp: 5392
 Ion Ratio Lower Upper
 75 100
 155 73.1 51.7 155.2
 157 91.0 66.9 200.7

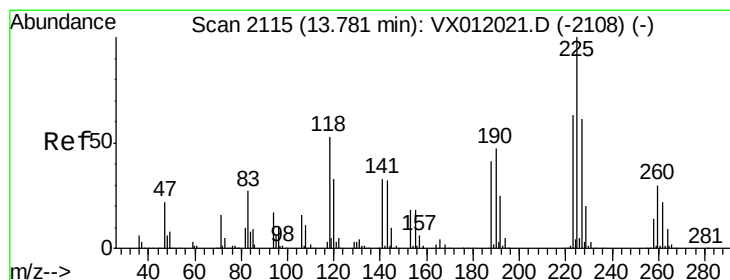
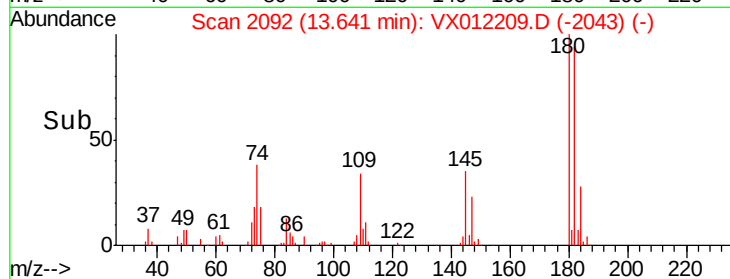
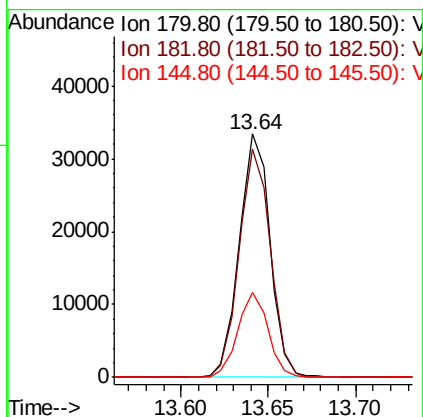
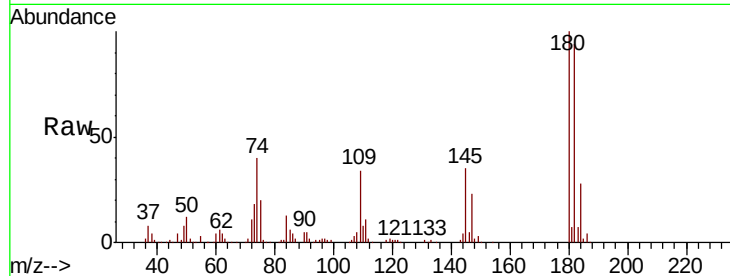




#93
 1,2,4-Trichlorobenzene
 Concen: 18.563 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

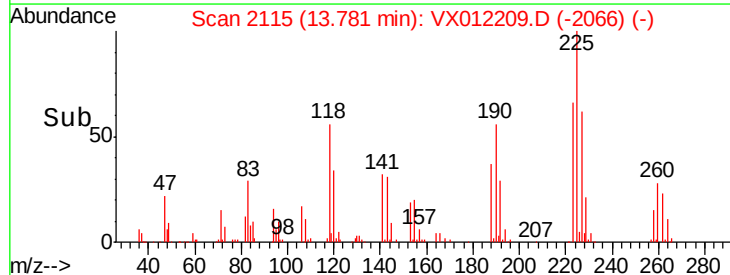
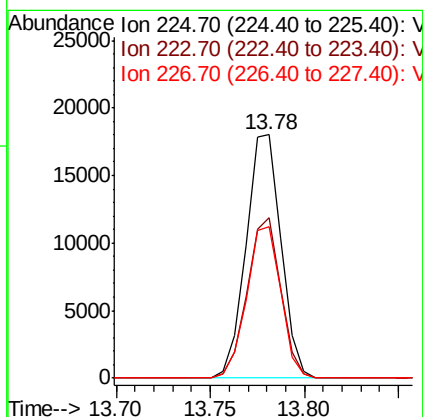
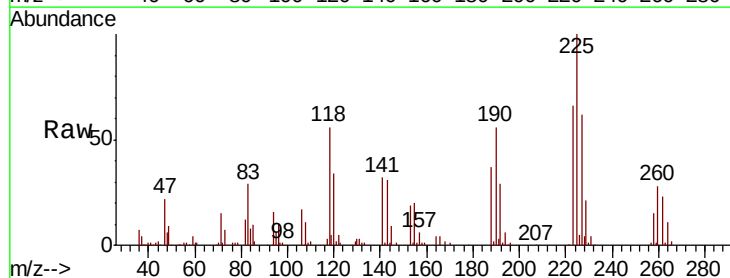
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

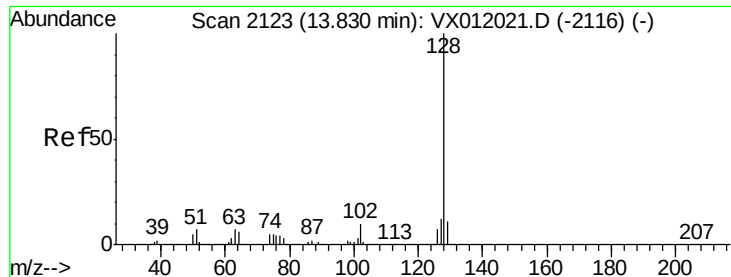
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	34.4	13.7	41.0



#94
 Hexachlorobutadiene
 Concen: 20.901 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012209.D
 Acq: 08 Sep 2019 08:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	95.0
227	60.6	32.5	97.5

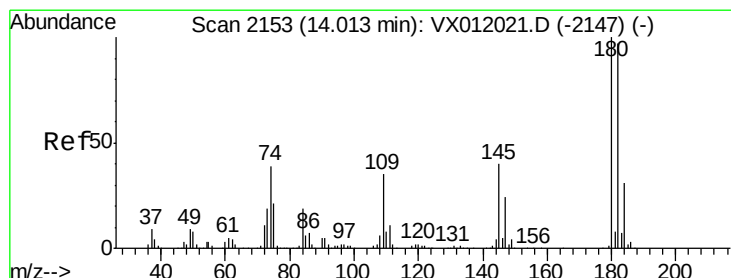
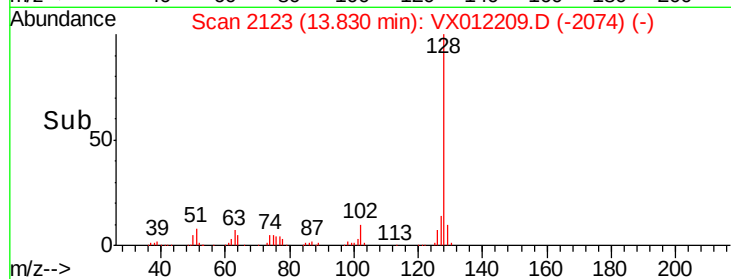
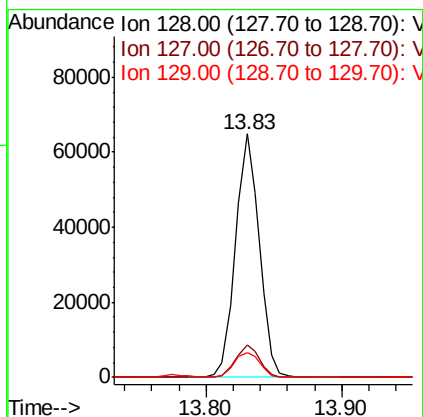
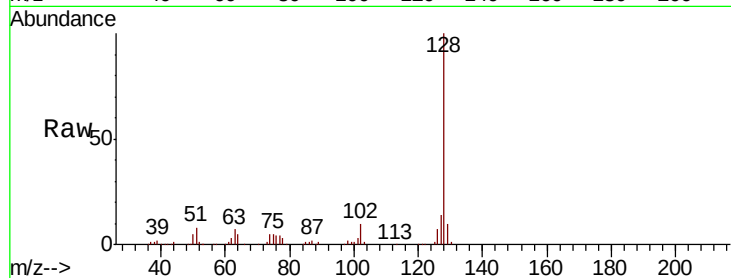




#95
Naphthalene
Concen: 16.474 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tgt Ion:128 Resp: 78562
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.006 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012209.D
Acq: 08 Sep 2019 08:37

Tgt Ion:180 Resp: 34903
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 37.4 14.1 42.4

