

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
 Data File : VX012210.D
 Acq On : 08 Sep 2019 09:04
 Operator : SY/SP
 Sample : VX0907SBSD03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Quant Time: Sep 09 01:21:11 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	136290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	79796	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
35) Dibromofluoromethane	5.48	113	64840	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	8.71	98	242173	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.14	95	105105	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25986	20.676	ug/l	99
3) Chloromethane	1.31	50	22135	17.197	ug/l	100
4) Vinyl Chloride	1.40	62	22089	18.241	ug/l	98
5) Bromomethane	1.62	94	10505	17.487	ug/l	97
6) Chloroethane	1.70	64	14309	19.007	ug/l	99
7) Trichlorofluoromethane	1.91	101	39740	21.128	ug/l	100
8) Diethyl Ether	2.17	74	12017	18.488	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28764	20.647	ug/l #	84
10) Methyl Iodide	2.50	142	12047	14.336	ug/l	91
11) Tert butyl alcohol	3.04	59	15788	87.407	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	23331	17.385	ug/l	87
13) Acrolein	2.28	56	5415	98.233	ug/l	95
14) Allyl chloride	2.72	41	42313	17.425	ug/l	97
15) Acrylonitrile	3.13	53	37428	91.636	ug/l	98
16) Acetone	2.43	43	40964	91.135	ug/l	100
17) Carbon Disulfide	2.56	76	49281	12.565	ug/l	100
18) Methyl Acetate	2.76	43	18290	17.273	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	81121	18.567	ug/l	97
20) Methylene Chloride	2.84	84	29580	16.388	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	25934	16.468	ug/l	94
22) Diisopropyl ether	3.84	45	95149	19.223	ug/l	96
23) Vinyl Acetate	3.80	43	294658	92.027	ug/l	97
24) 1,1-Dichloroethane	3.68	63	52147	18.165	ug/l	97
25) 2-Butanone	4.66	43	53065	92.744	ug/l	98
26) 2,2-Dichloropropane	4.57	77	52259	19.718	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	32006	17.338	ug/l	88
28) Bromochloromethane	5.00	49	23207	20.252	ug/l #	76
29) Tetrahydrofuran	5.12	42	30531	88.565	ug/l	98
30) Chloroform	5.19	83	58119	18.868	ug/l	99
31) Cyclohexane	5.56	56	40849	17.718	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	53312	19.872	ug/l	97
36) 1,1-Dichloropropene	5.79	75	39345	19.307	ug/l	95
37) Ethyl Acetate	4.82	43	21129	19.067	ug/l #	95
38) Carbon Tetrachloride	5.78	117	43841	20.417	ug/l	98

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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	7.46	83	44601	18.858	ug/l	98
40) Benzene	6.13	78	110006	18.804	ug/l	99
41) Methacrylonitrile	5.03	41	13806	20.892	ug/l	96
42) 1,2-Dichloroethane	6.18	62	42762	20.312	ug/l	96
43) Isopropyl Acetate	6.43	43	44029	19.541	ug/l	99
44) Trichloroethene	7.20	130	30255	19.174	ug/l	82
45) 1,2-Dichloropropane	7.50	63	28924	19.136	ug/l	99
46) Dibromomethane	7.65	93	16454	18.648	ug/l #	73
47) Bromodichloromethane	7.89	83	44034	19.634	ug/l	98
48) Methyl methacrylate	7.76	41	21908	19.337	ug/l	96
49) 1,4-Dioxane	7.73	88	5726	370.751	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	115648	100.908	ug/l	96
52) Toluene	8.78	92	72825	19.132	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	42974	18.508	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	47949	18.570	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	24037	19.055	ug/l	95
56) Ethyl methacrylate	9.17	69	34180	18.917	ug/l	94
57) 1,3-Dichloropropane	9.37	76	41906	19.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	76699	94.155	ug/l	93
59) 2-Hexanone	9.49	43	84860	101.475	ug/l	96
60) Dibromochloromethane	9.58	129	28882	19.211	ug/l	100
61) 1,2-Dibromoethane	9.67	107	23014	18.881	ug/l	99
64) Tetrachloroethene	9.33	164	26967	20.787	ug/l #	87
65) Chlorobenzene	10.14	112	80841	19.690	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31168	20.762	ug/l	97
67) Ethyl Benzene	10.24	91	151290	20.216	ug/l	95
68) m/p-Xylenes	10.35	106	112055	40.639	ug/l	91
69) o-Xylene	10.70	106	53210	19.901	ug/l	88
70) Styrene	10.71	104	93816	20.201	ug/l	95
71) Bromoform	10.85	173	15142	18.364	ug/l #	98
73) Isopropylbenzene	11.01	105	156732	20.585	ug/l	95
74) N-amyl acetate	10.89	43	42379	18.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	30487	19.207	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	32929	25.971	ug/l	77
77) Bromobenzene	11.25	156	33719	19.802	ug/l	71
78) n-propylbenzene	11.35	91	186595	20.286	ug/l	95
79) 2-Chlorotoluene	11.42	91	111133	19.943	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	136895	20.517	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	8941	16.671	ug/l	90
82) 4-Chlorotoluene	11.51	91	135620	20.419	ug/l	92
83) tert-Butylbenzene	11.76	119	132016	20.759	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	134535	19.618	ug/l	94
85) sec-Butylbenzene	11.94	105	162472	20.569	ug/l	94
86) p-Isopropyltoluene	12.06	119	146460	20.388	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	67910	19.902	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	67341	19.738	ug/l	93
89) n-Butylbenzene	12.38	91	142580	20.432	ug/l	96
90) Hexachloroethane	12.59	117	26740	18.643	ug/l	56
91) 1,2-Dichlorobenzene	12.38	146	62646	20.386	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5883	17.712	ug/l	67

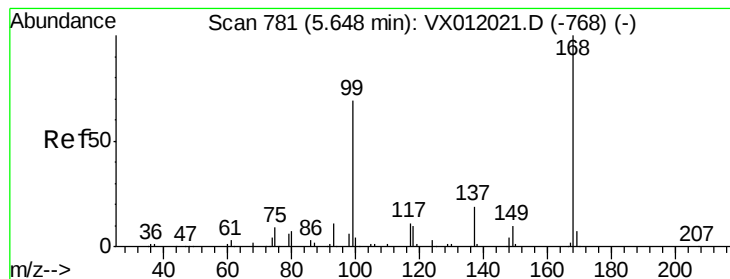
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38913	17.790	ug/l	93
94) Hexachlorobutadiene	13.78	225	21537	19.533	ug/l	99
95) Naphthalene	13.83	128	82280	17.381	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34367	17.859	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: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

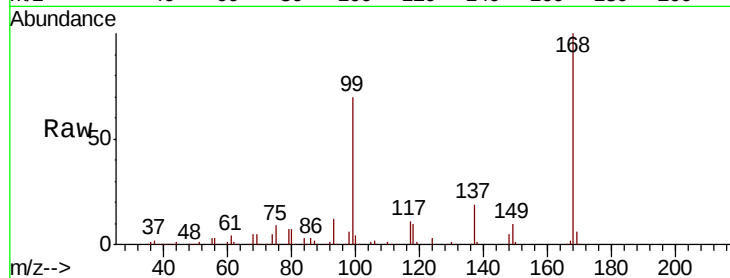
VX0907SBSD03

Tgt Ion:168 Resp: 136290

Ion Ratio Lower Upper

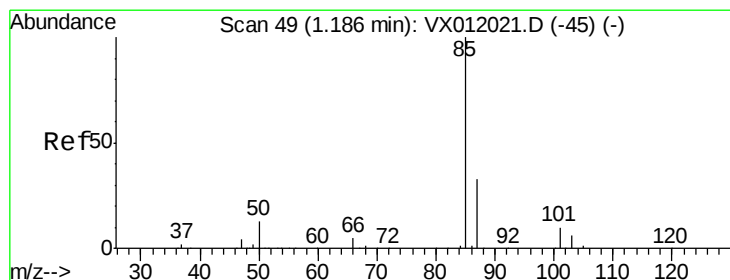
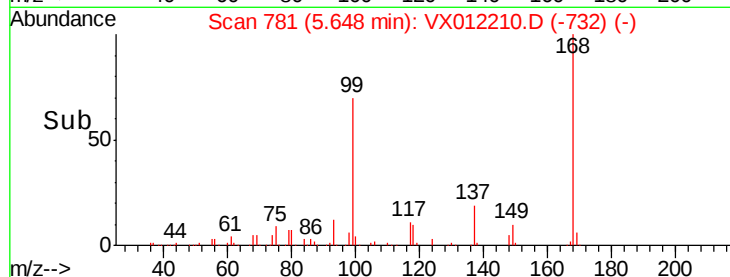
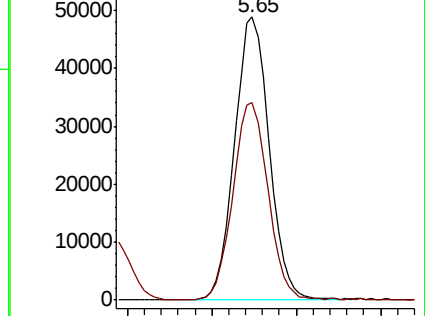
168 100

99 69.5 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: 20.676 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012210.D

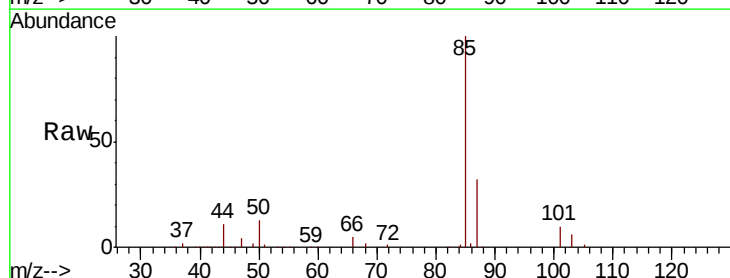
Acq: 08 Sep 2019 09:04

Tgt Ion: 85 Resp: 25986

Ion Ratio Lower Upper

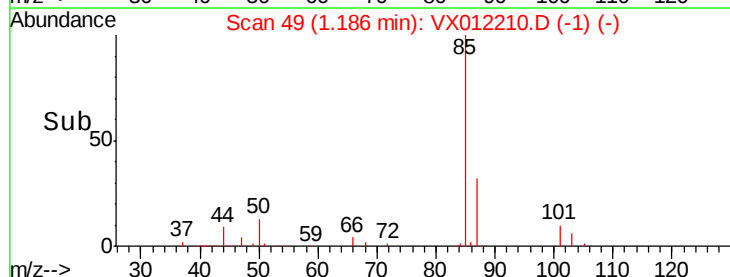
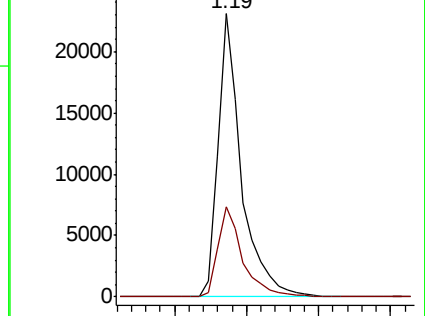
85 100

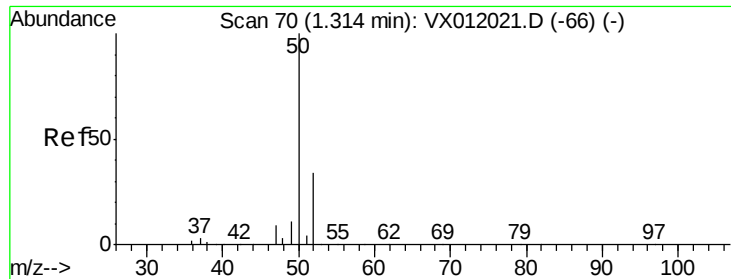
87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.197 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

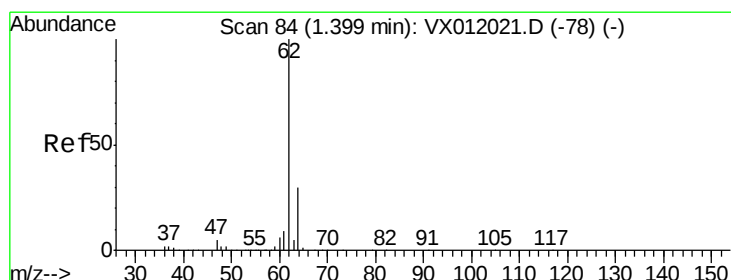
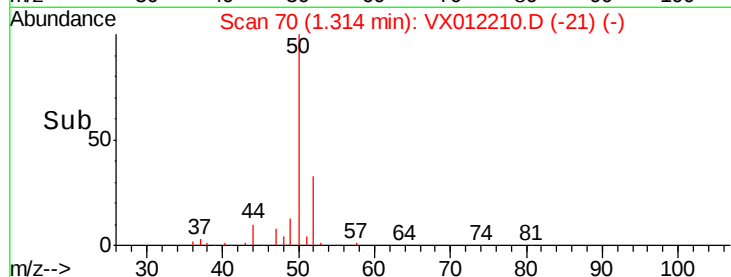
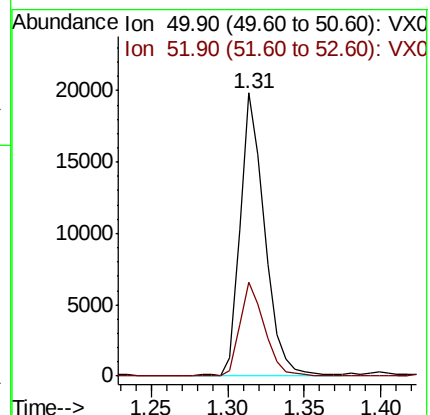
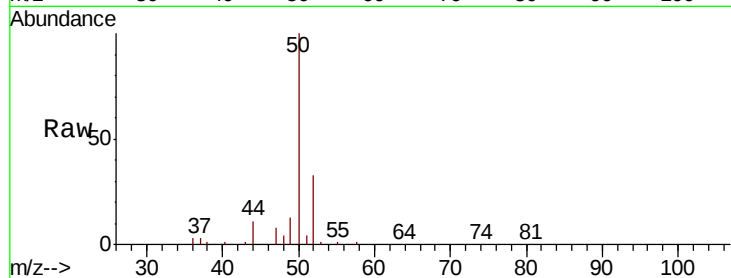
VX0907SBSD03

Tgt Ion: 50 Resp: 22135

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 18.241 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012210.D

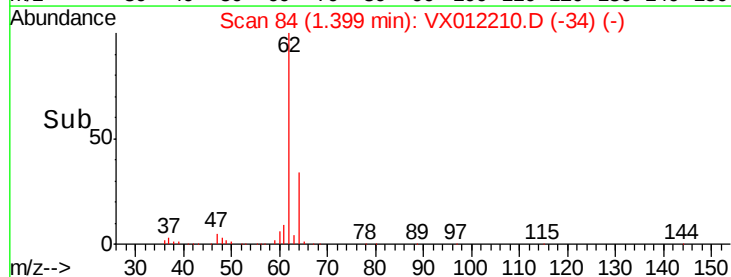
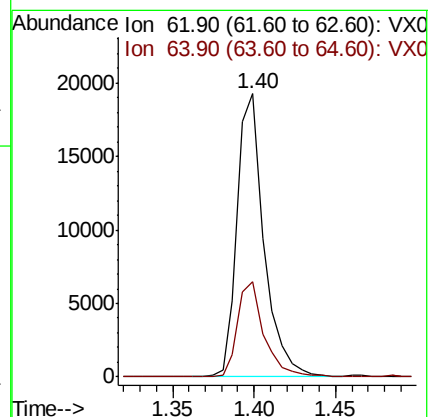
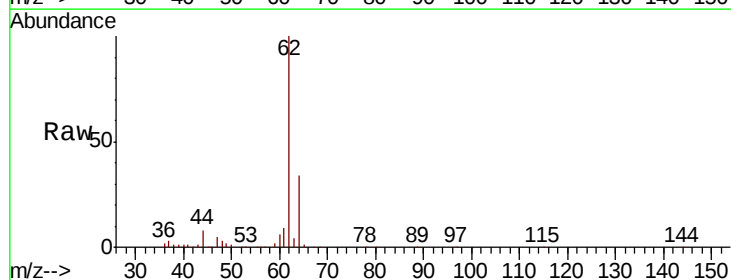
Acq: 08 Sep 2019 09:04

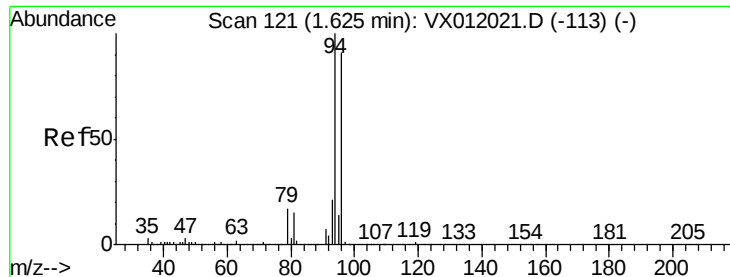
Tgt Ion: 62 Resp: 22089

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.4





#5

Bromomethane

Concen: 17.487 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

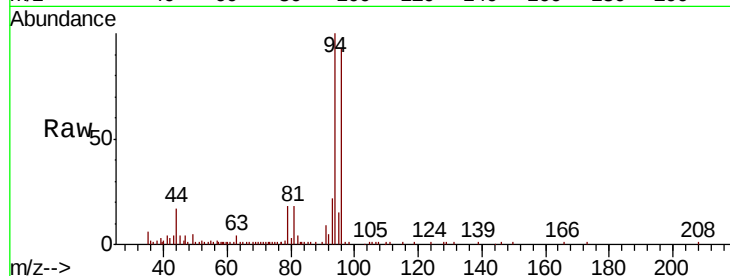
VX0907SBSD03

Tgt Ion: 94 Resp: 10505

Ion Ratio Lower Upper

94 100

96 92.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

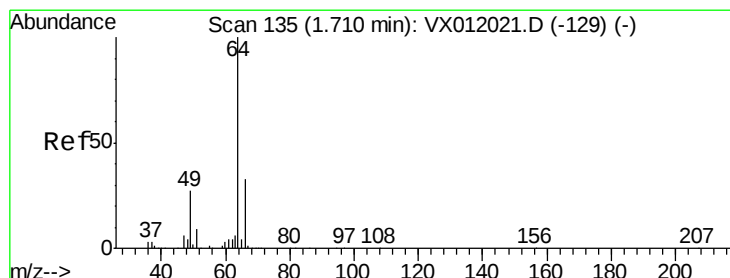
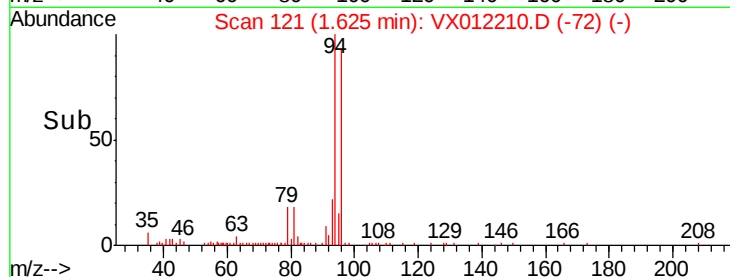
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.007 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012210.D

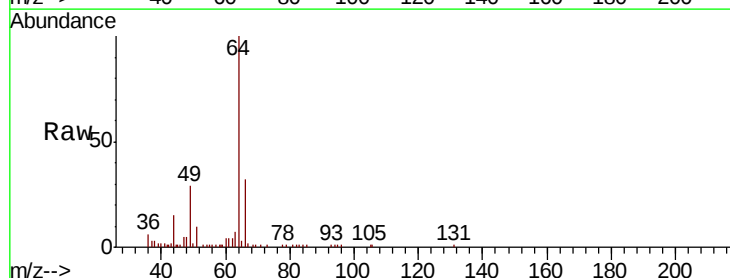
Acq: 08 Sep 2019 09:04

Tgt Ion: 64 Resp: 14309

Ion Ratio Lower Upper

64 100

66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

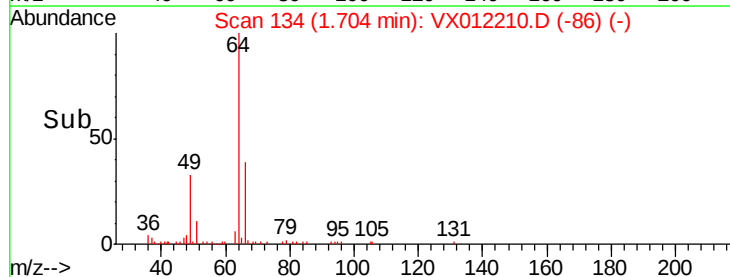
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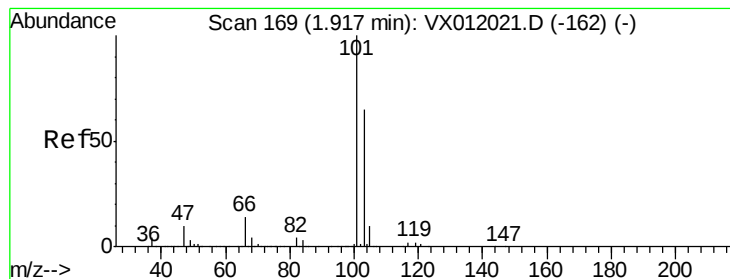
2000

0

1.60 1.70 1.80

Time-->



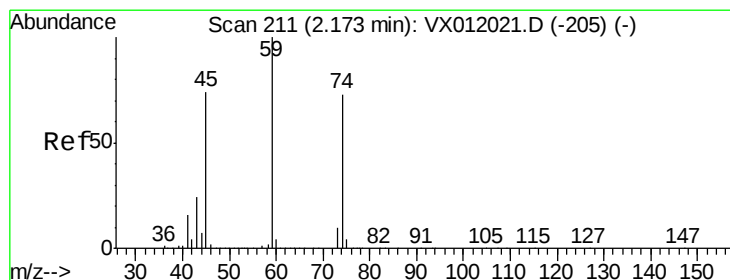
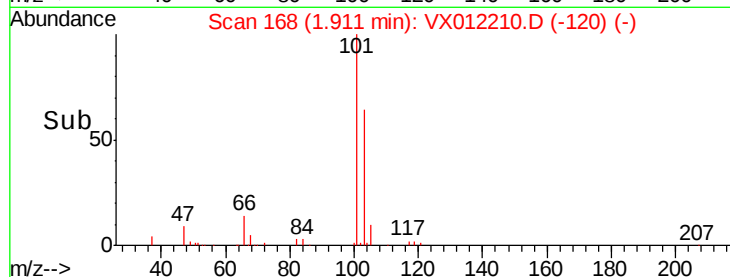
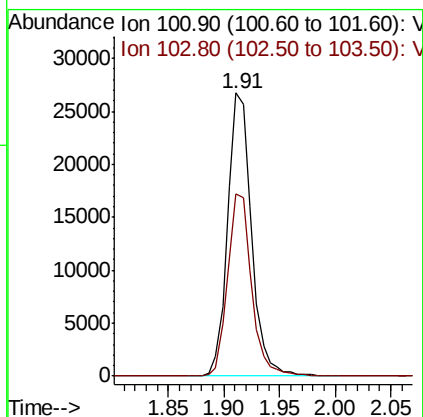
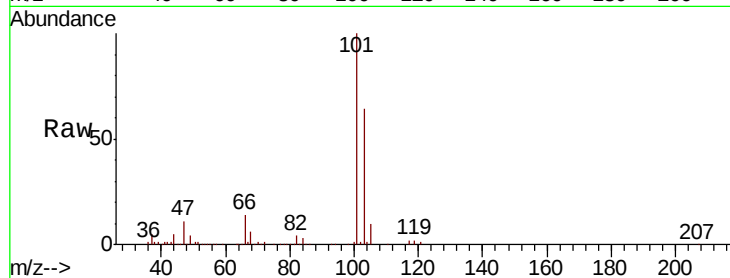


#7

Trichlorofluoromethane
 Concen: 21.128 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

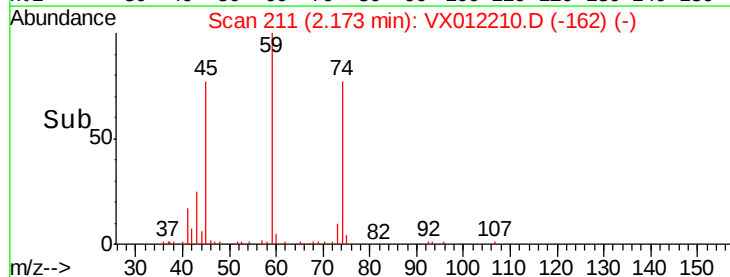
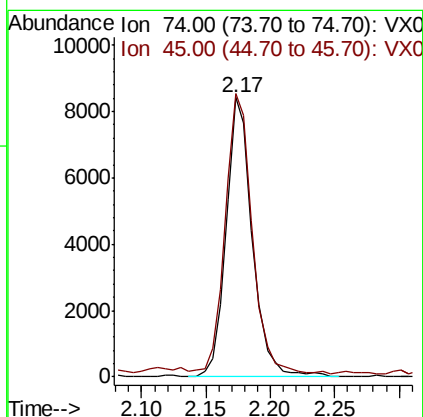
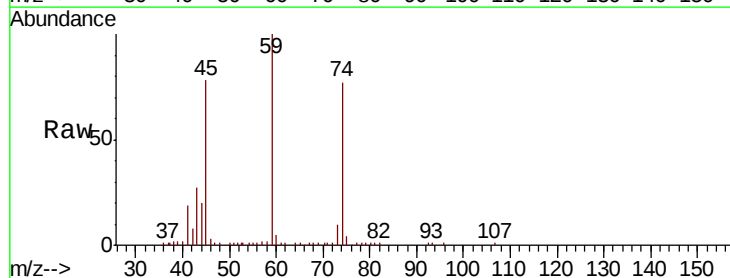
Tgt Ion: 101 Resp: 39740
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4

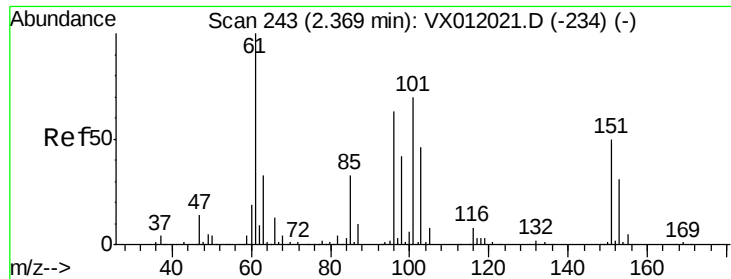


#8

Diethyl Ether
 Concen: 18.488 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 74 Resp: 12017
 Ion Ratio Lower Upper
 74 100
 45 101.9 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.647 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

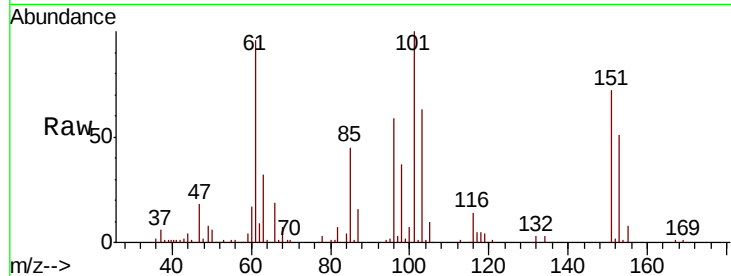
Tgt Ion:101 Resp: 28764

Ion Ratio Lower Upper

101 100

85 45.6 34.5 51.7

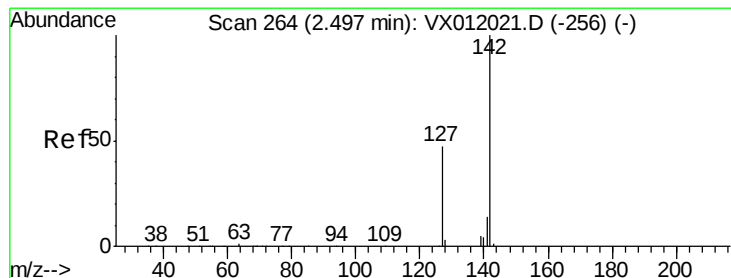
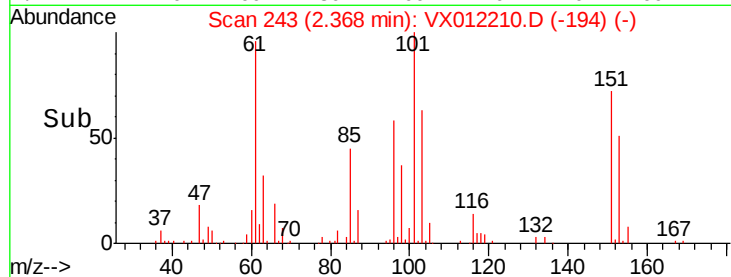
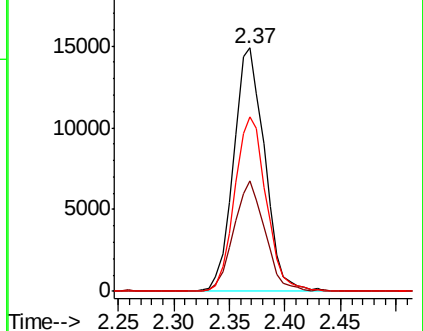
151 72.8 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.336 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

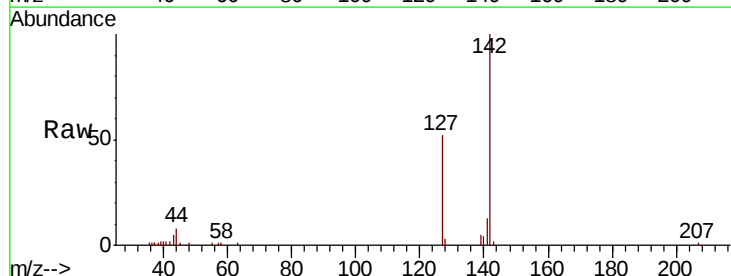
Tgt Ion:142 Resp: 12047

Ion Ratio Lower Upper

142 100

127 52.4 35.4 53.2

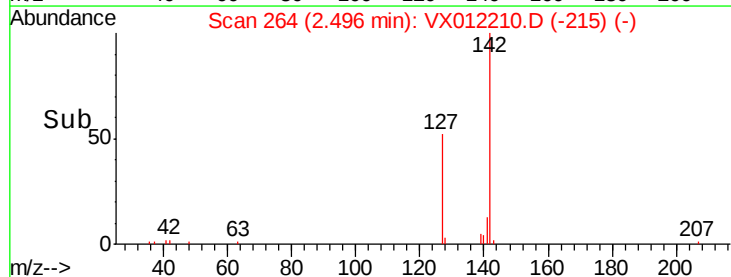
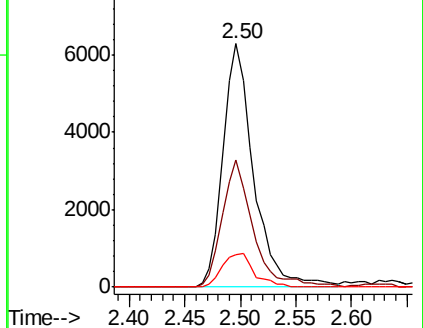
141 14.4 11.4 17.2

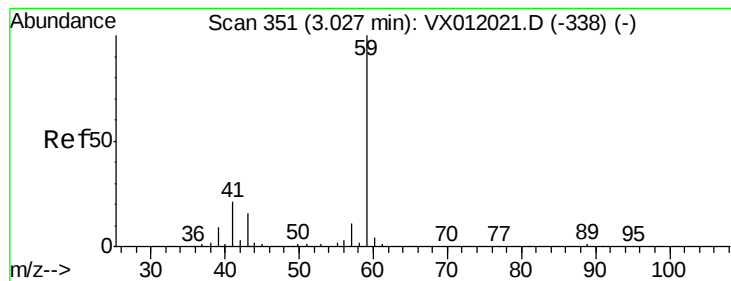


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



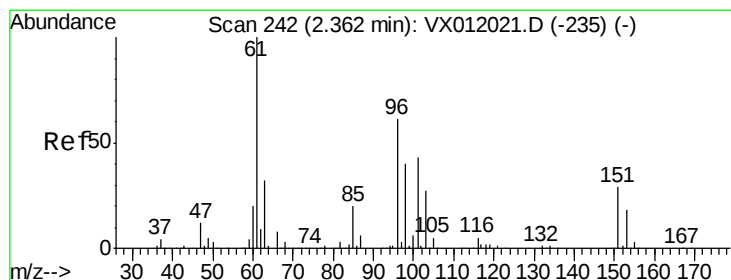
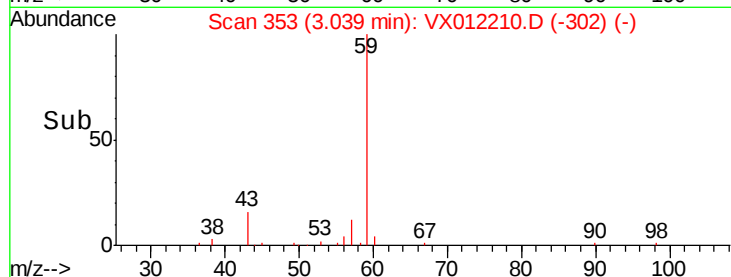
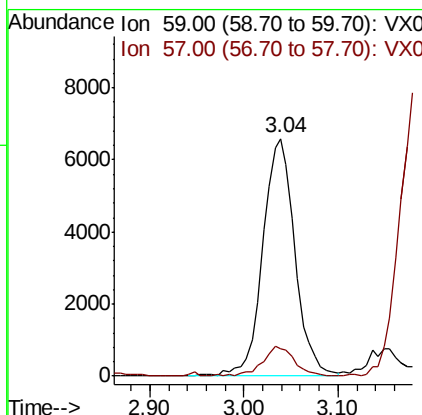
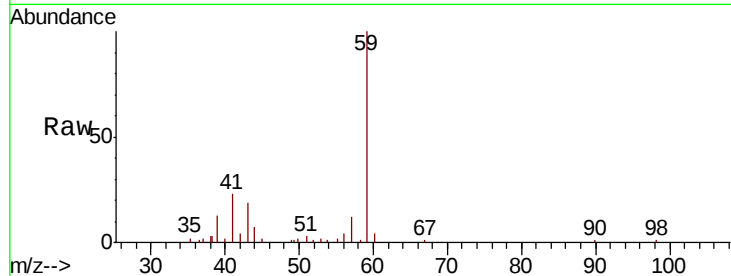


#11

Tert butyl alcohol
 Concen: 87.407 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

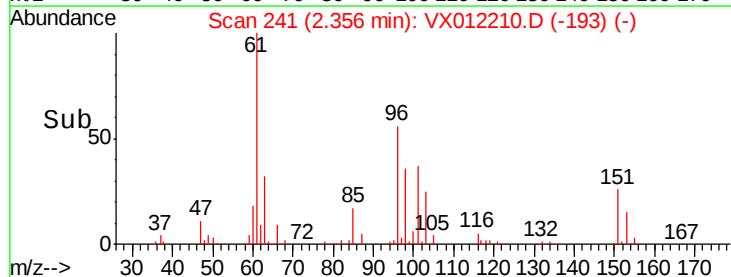
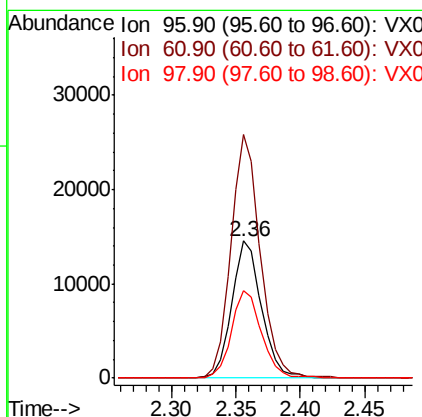
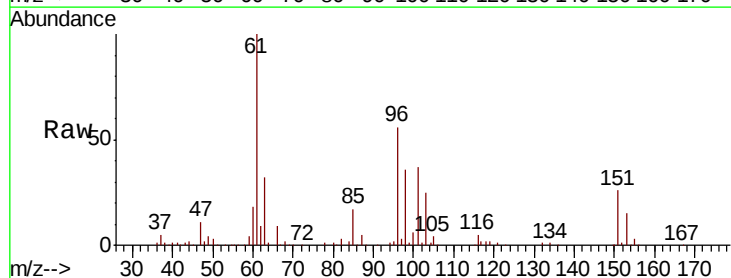
Tgt Ion: 59 Resp: 15788
 Ion Ratio Lower Upper
 59 100
 57 12.4 7.9 11.9#

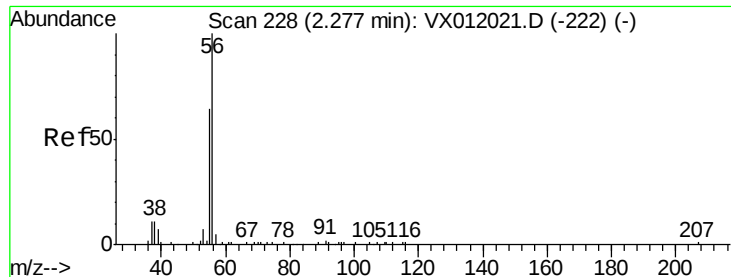


#12

1,1-Dichloroethene
 Concen: 17.385 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 96 Resp: 23331
 Ion Ratio Lower Upper
 96 100
 61 177.3 124.1 186.1
 98 63.8 50.2 75.2





#13

Acrolein

Concen: 98.233 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

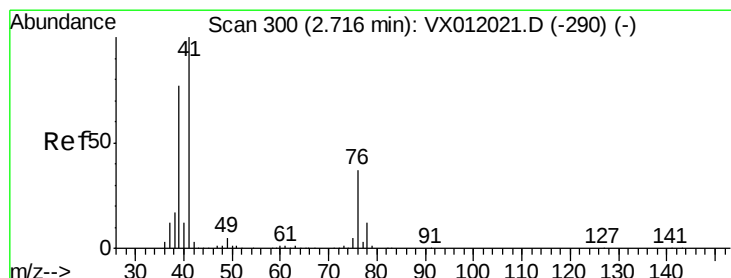
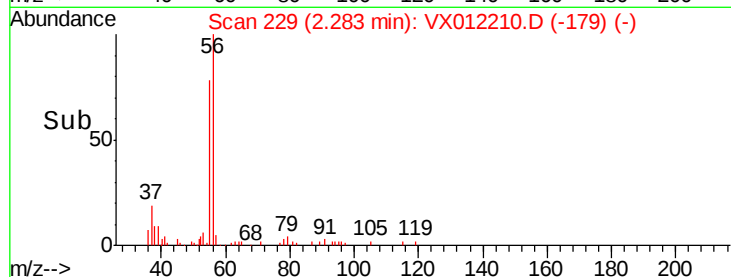
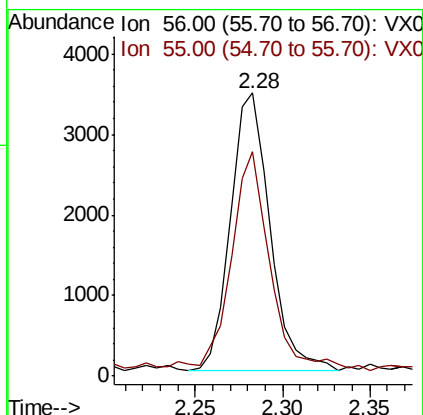
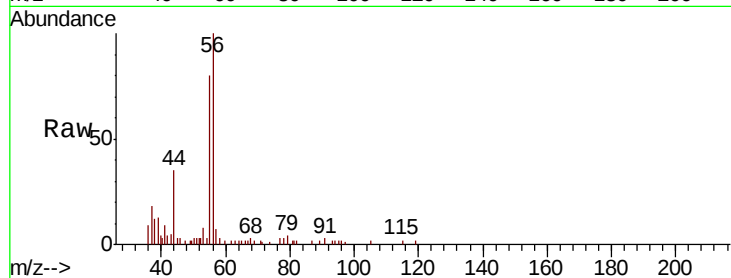
VX0907SBS03

Tgt Ion: 56 Resp: 5415

Ion Ratio Lower Upper

56 100

55 78.1 59.2 88.8



#14

Allyl chloride

Concen: 17.425 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

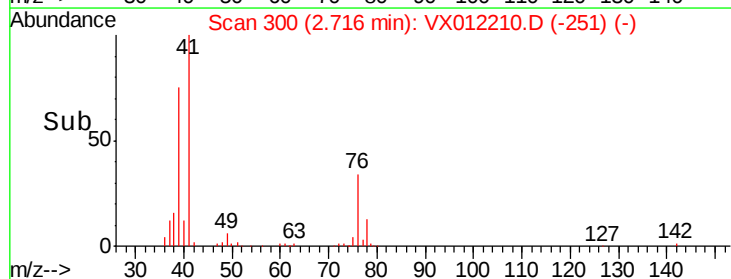
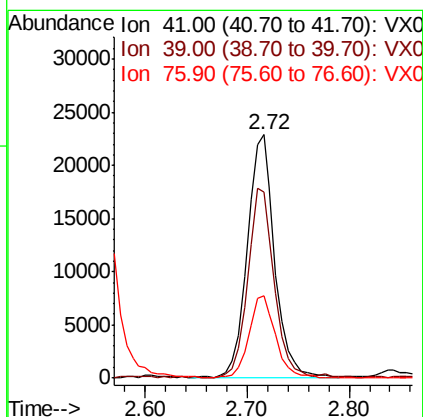
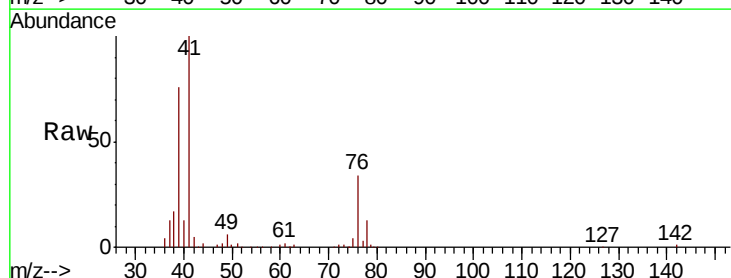
Tgt Ion: 41 Resp: 42313

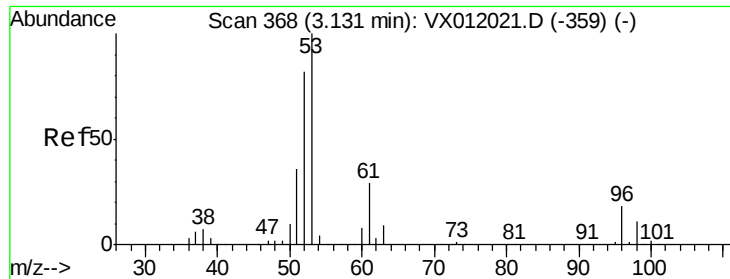
Ion Ratio Lower Upper

41 100

39 74.8 57.9 86.9

76 33.6 28.5 42.7





#15

Acrylonitrile

Concen: 91.636 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

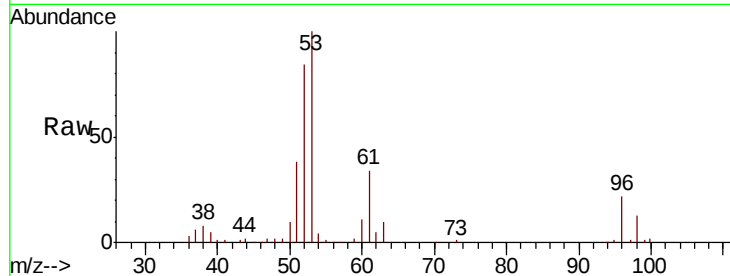
Tgt Ion: 53 Resp: 37428

Ion Ratio Lower Upper

53 100

52 83.3 65.6 98.4

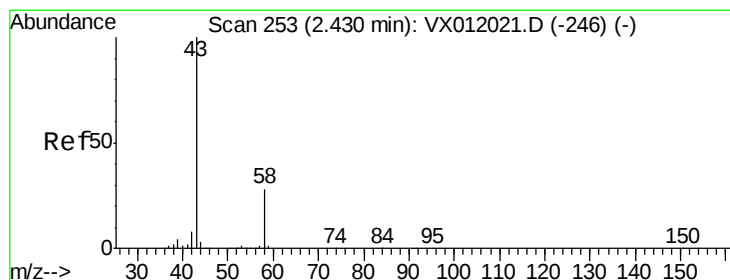
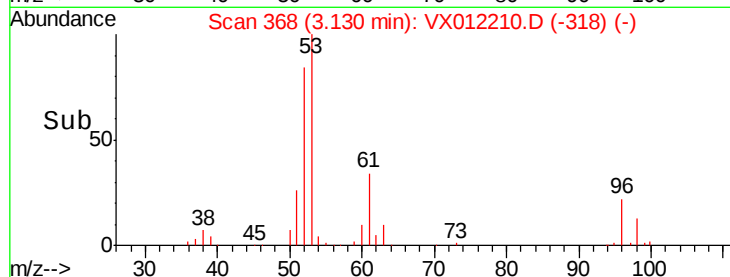
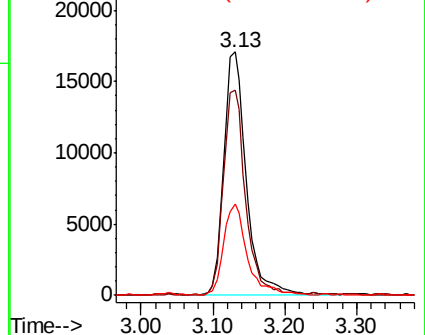
51 39.3 29.8 44.6



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: 91.135 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012210.D

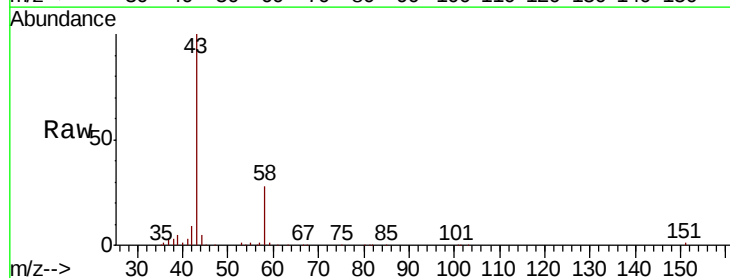
Acq: 08 Sep 2019 09:04

Tgt Ion: 43 Resp: 40964

Ion Ratio Lower Upper

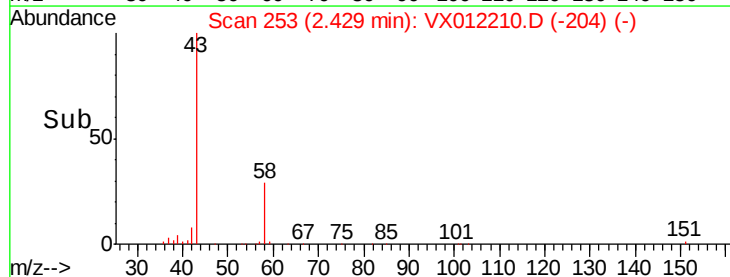
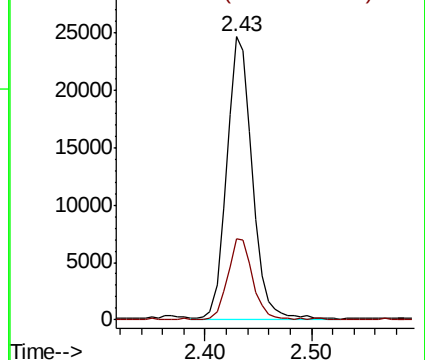
43 100

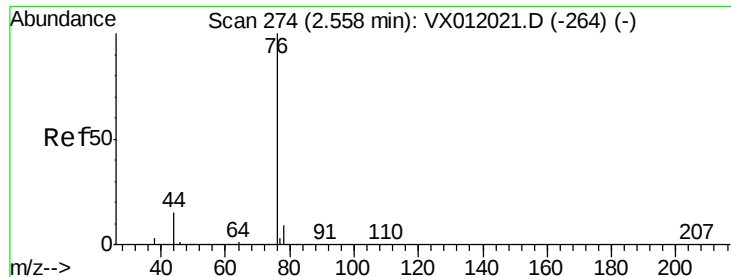
58 28.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 12.565 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

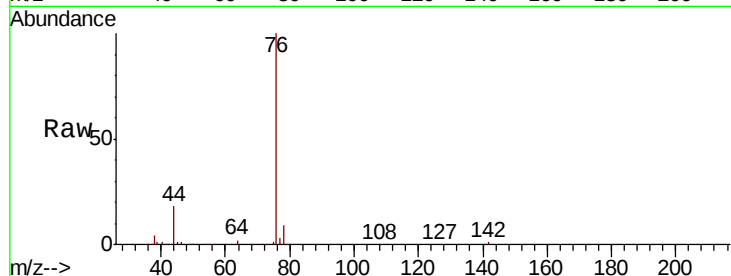
VX0907SBSD03

Tgt Ion: 76 Resp: 49281

Ion Ratio Lower Upper

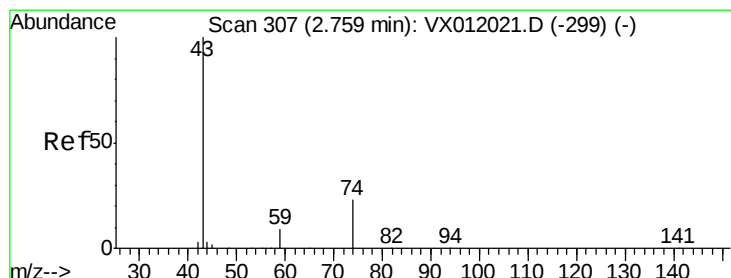
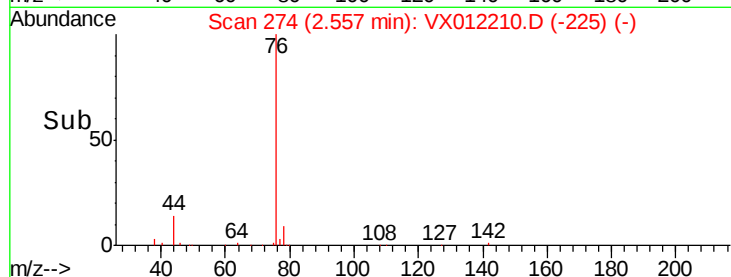
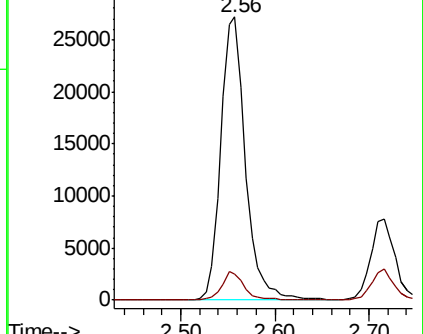
76 100

78 9.2 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: 17.273 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012210.D

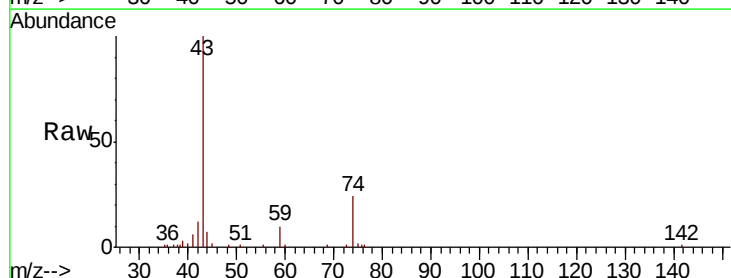
Acq: 08 Sep 2019 09:04

Tgt Ion: 43 Resp: 18290

Ion Ratio Lower Upper

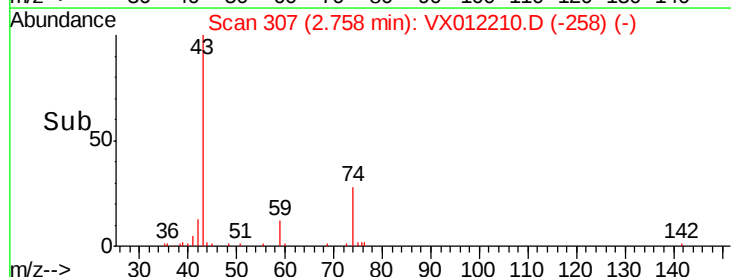
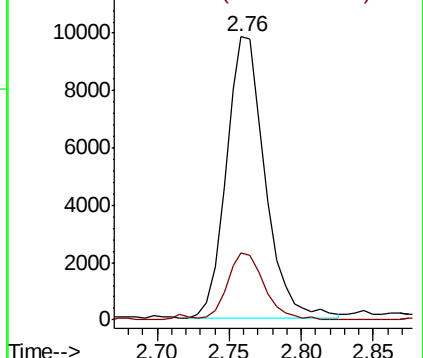
43 100

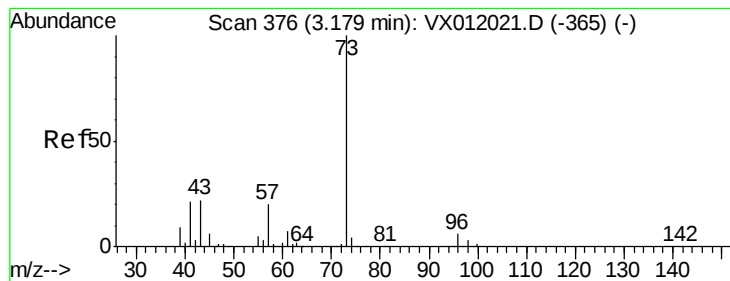
74 22.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



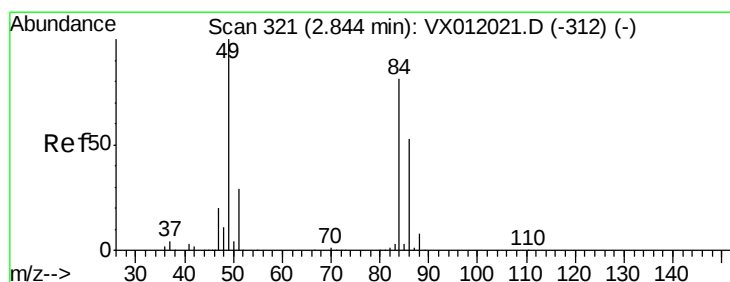
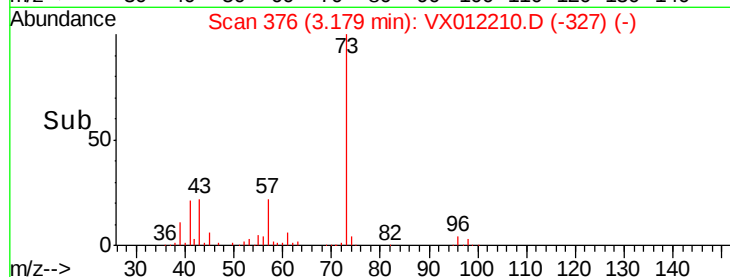
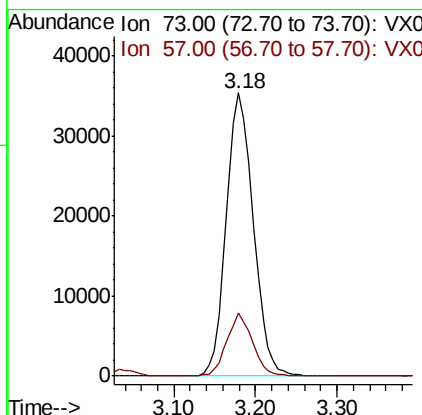
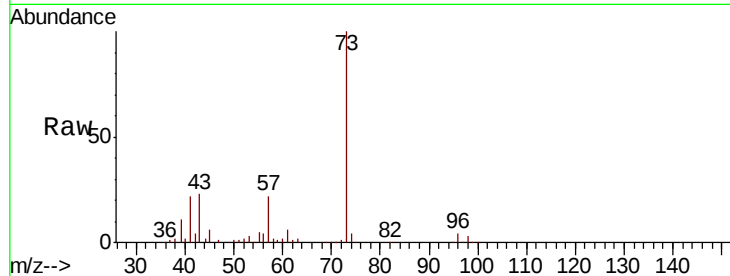


#19

Methyl tert-butyl Ether
 Concen: 18.567 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

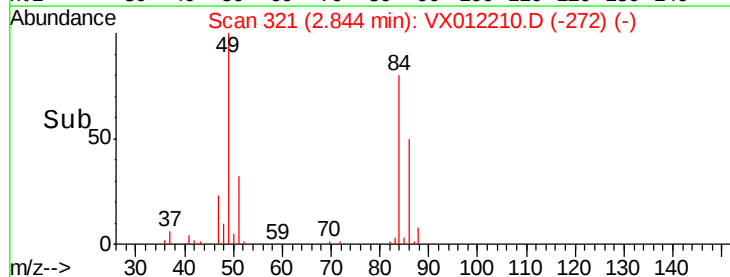
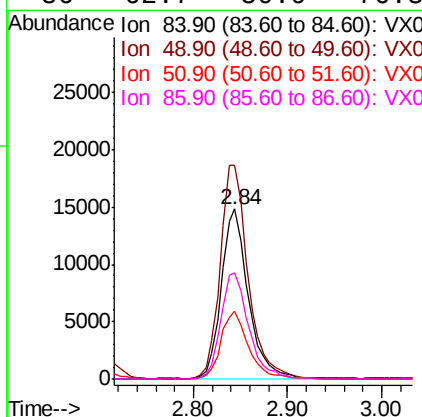
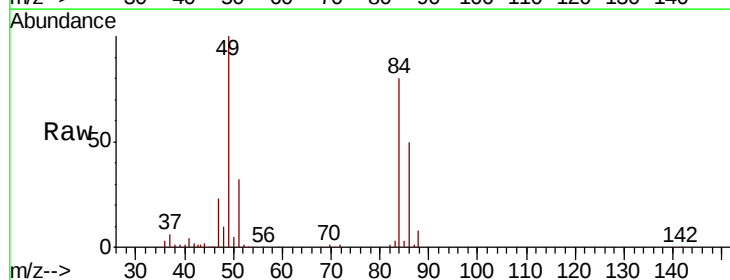
Tgt Ion: 73 Resp: 81121
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.6 25.0

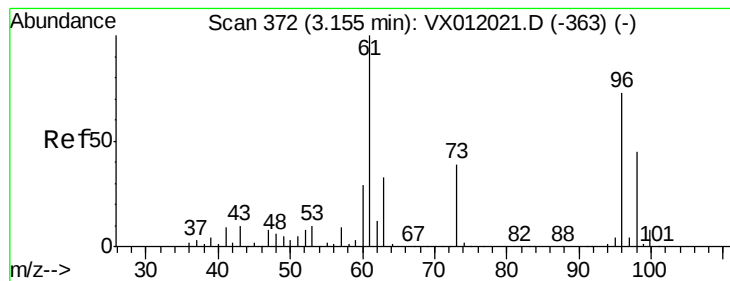


#20

Methylene Chloride
 Concen: 16.388 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 84 Resp: 29580
 Ion Ratio Lower Upper
 84 100
 49 125.8 95.8 143.8
 51 39.6 28.6 43.0
 86 62.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 16.468 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

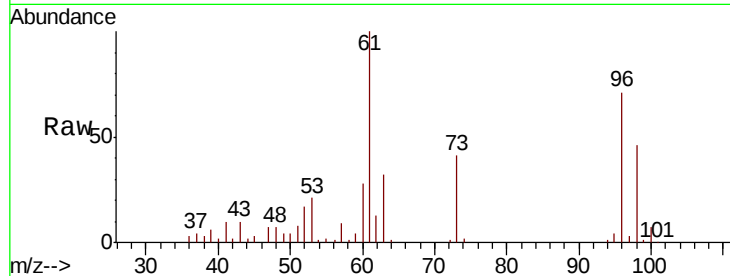
Tgt Ion: 96 Resp: 25934

Ion Ratio Lower Upper

96 100

61 141.6 107.0 160.6

98 65.0 49.8 74.6

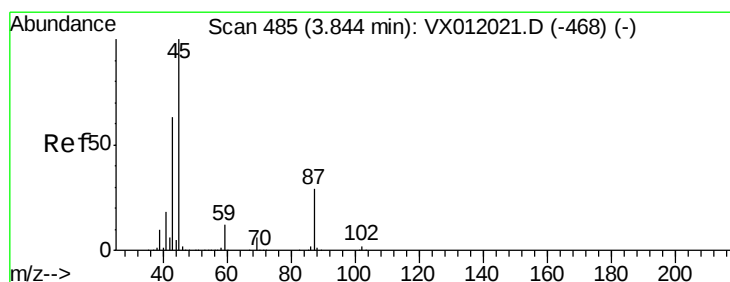
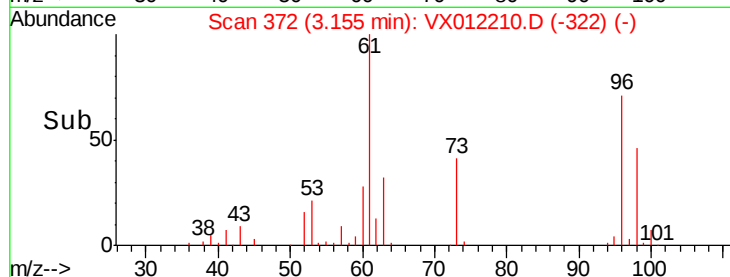
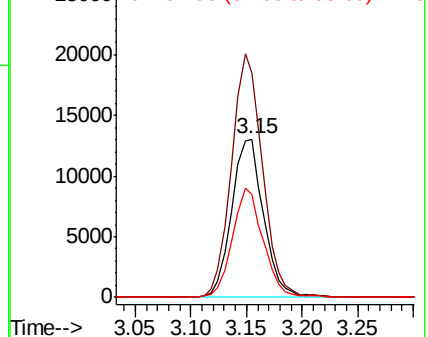


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.223 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion: 45 Resp: 95149

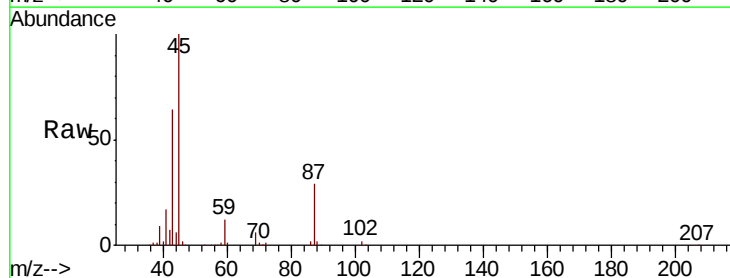
Ion Ratio Lower Upper

45 100

43 63.2 54.2 81.4

87 29.2 23.4 35.0

59 11.6 9.0 13.6



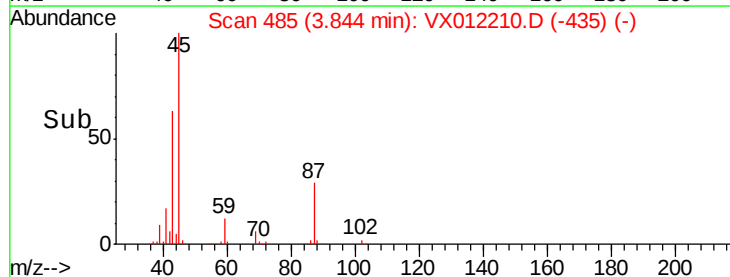
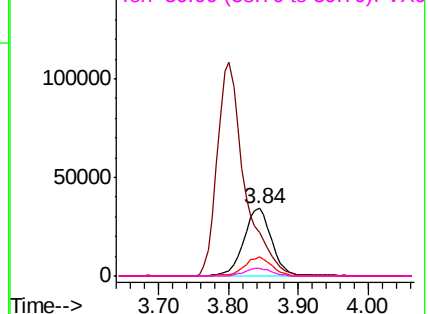
Abundance

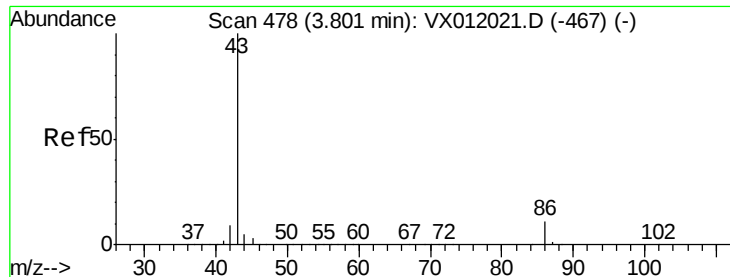
Ion 45.00 (44.70 to 45.70): VX0

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

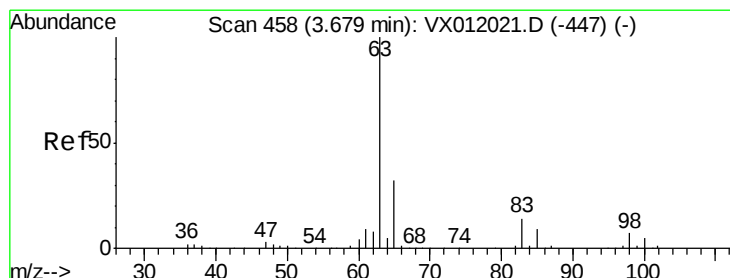
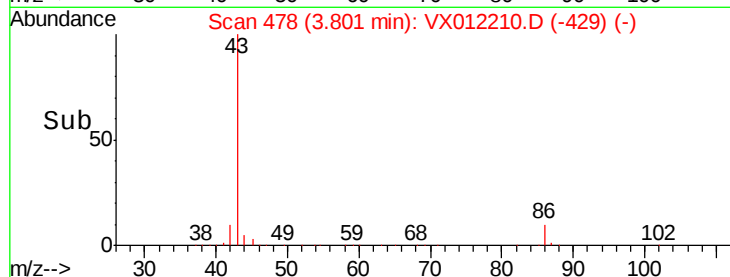
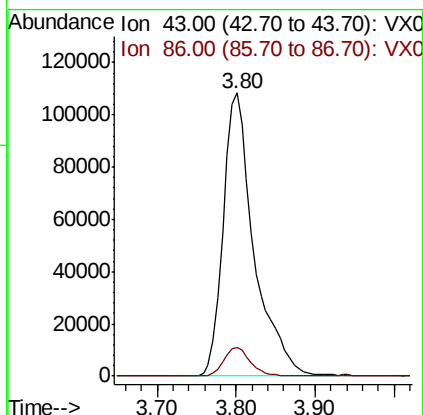
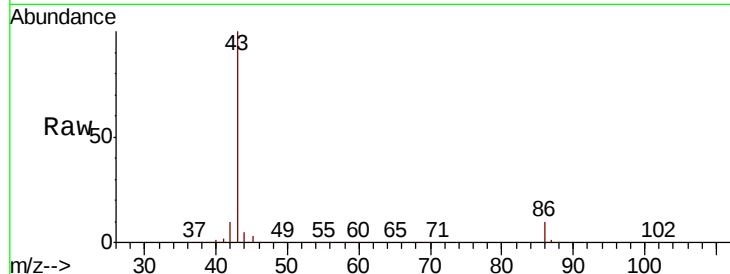




#23
 Vinyl Acetate
 Concen: 92.027 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

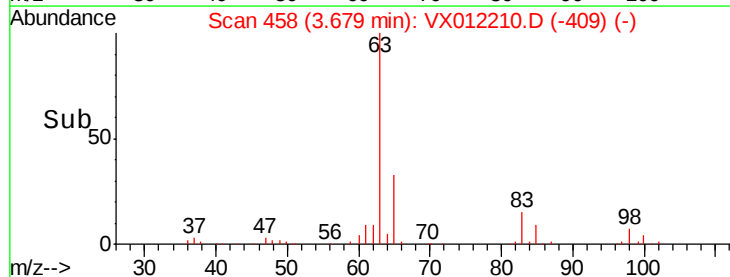
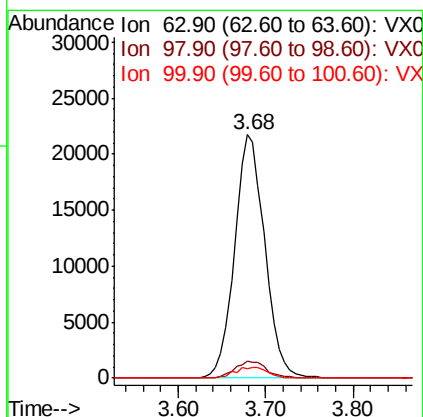
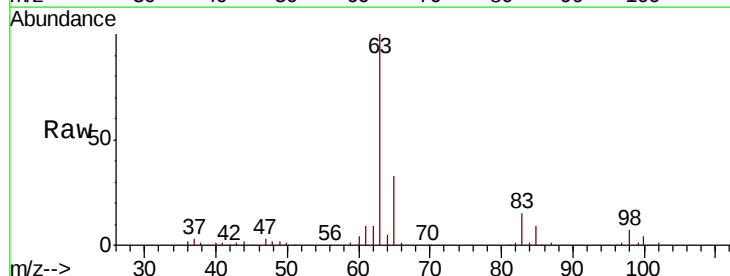
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

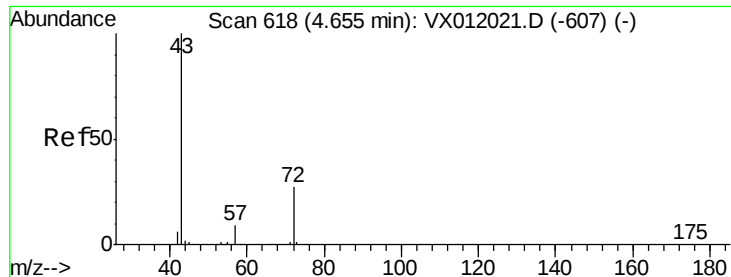
Tgt Ion: 43 Resp: 294658
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 18.165 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 63 Resp: 52147
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.6 2.5 7.4





#25

2-Butanone

Concen: 92.744 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

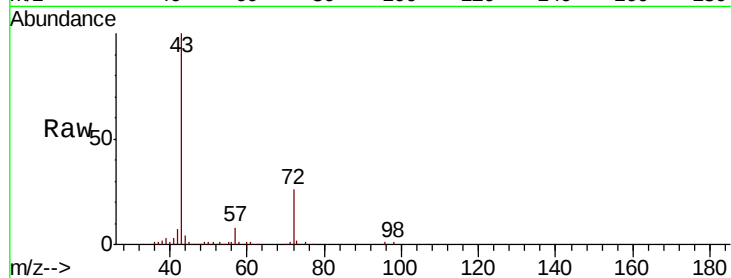
VX0907SBSD03

Tgt Ion: 43 Resp: 53065

Ion Ratio Lower Upper

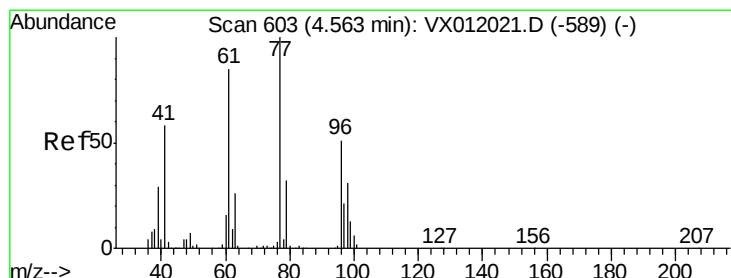
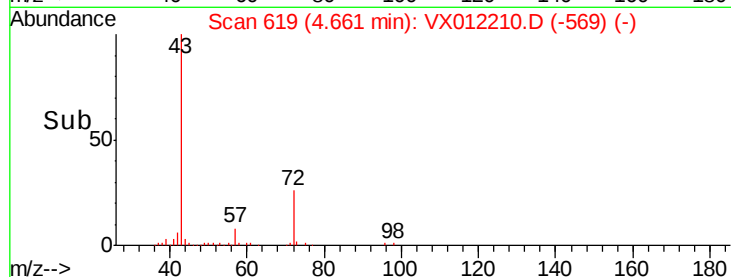
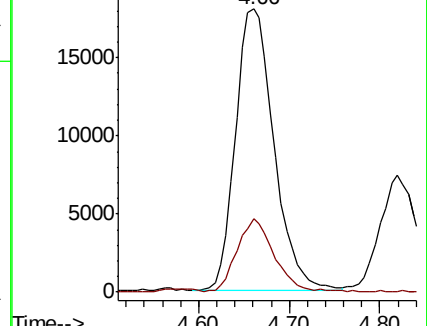
43 100

72 25.8 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: 19.718 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012210.D

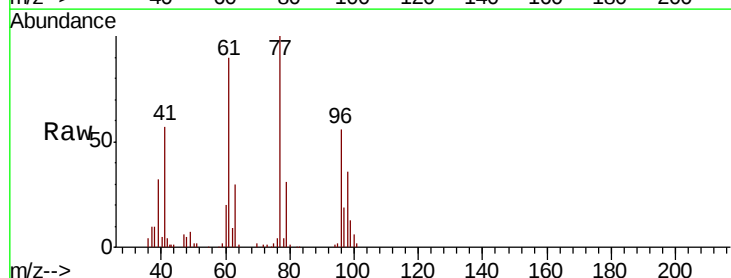
Acq: 08 Sep 2019 09:04

Tgt Ion: 77 Resp: 52259

Ion Ratio Lower Upper

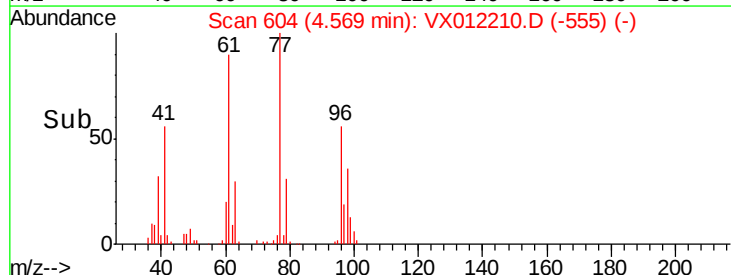
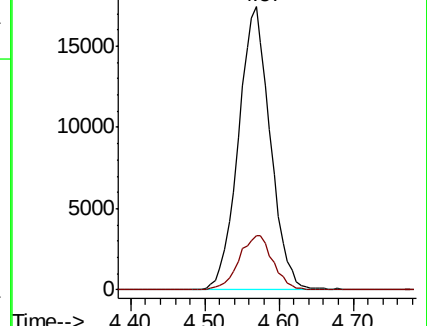
77 100

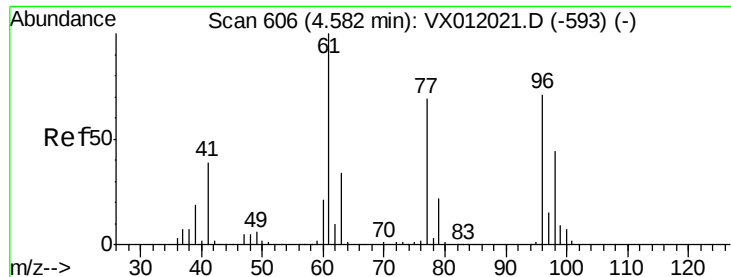
97 20.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



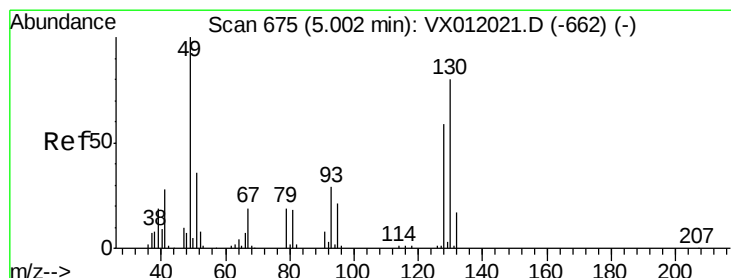
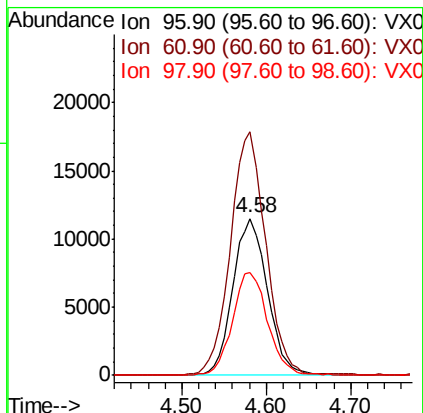
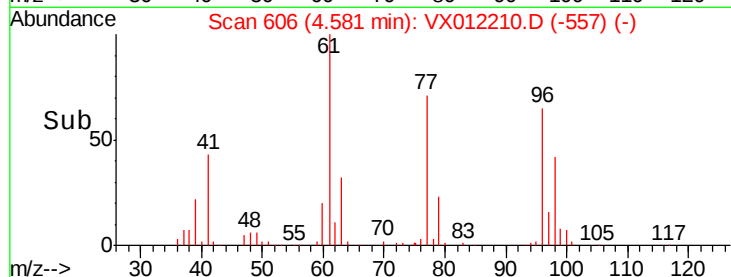
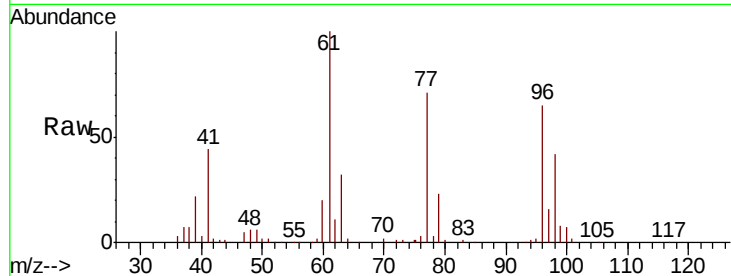


#27

cis-1,2-Dichloroethene
 Concen: 17.338 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

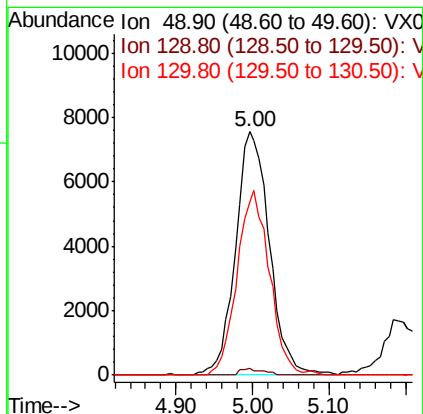
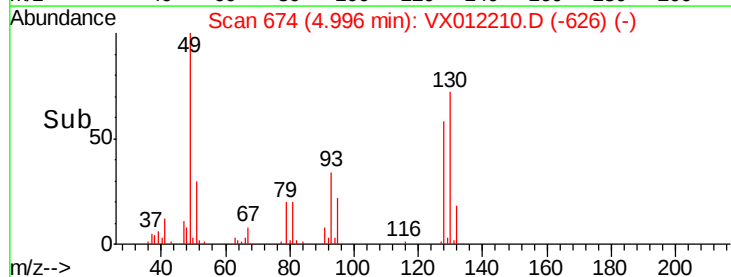
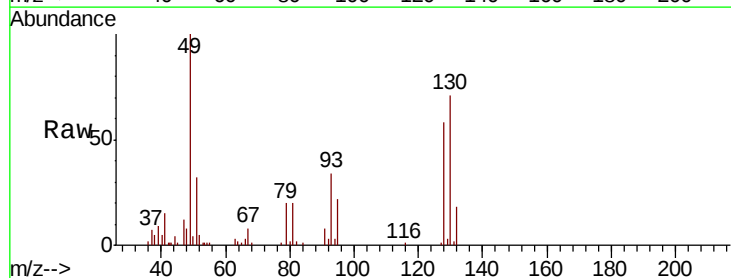
Tgt Ion: 96 Resp: 32006
 Ion Ratio Lower Upper
 96 100
 61 158.1 0.0 277.0
 98 66.5 0.0 128.4

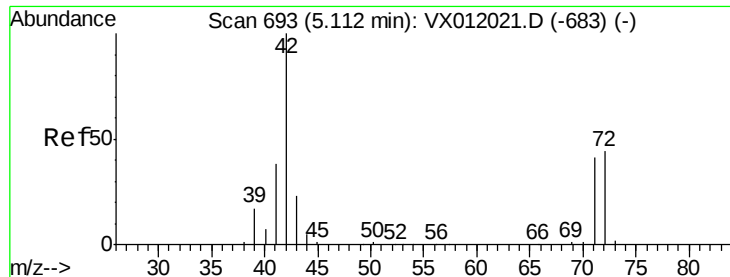


#28

Bromochloromethane
 Concen: 20.252 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 49 Resp: 23207
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.6
 130 72.2 76.7 115.1#

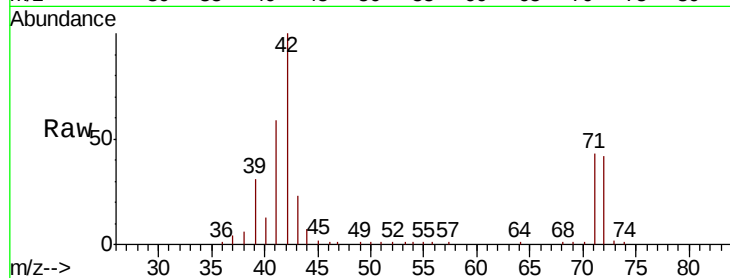




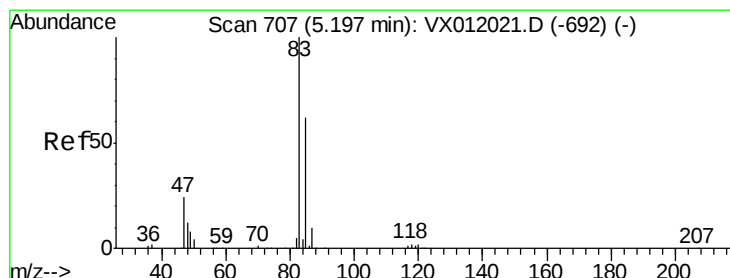
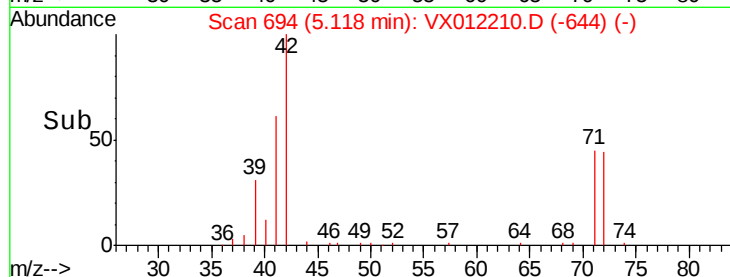
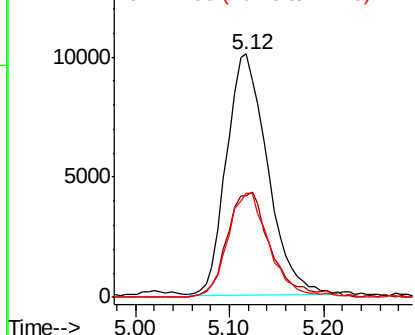
#29
Tetrahydrofuran
Concen: 88.565 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion: 42 Resp: 30531
Ion Ratio Lower Upper
42 100
72 46.6 37.0 55.4
71 44.0 33.8 50.8

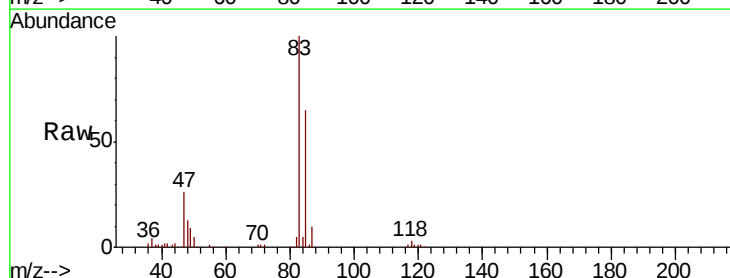


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

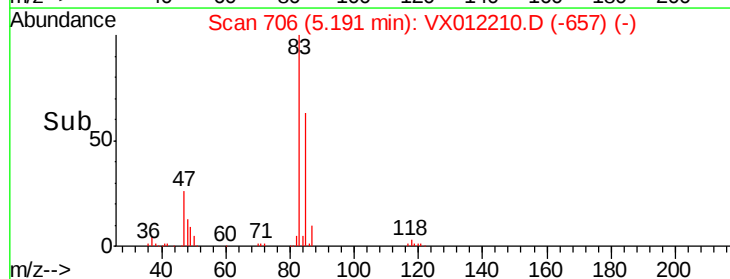
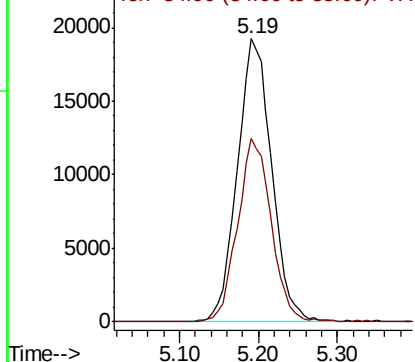


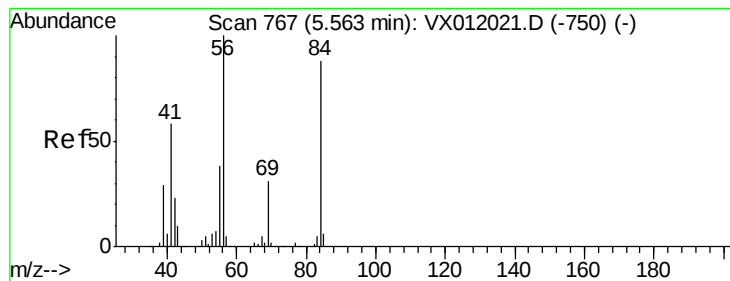
#30
Chloroform
Concen: 18.868 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 83 Resp: 58119
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.718 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

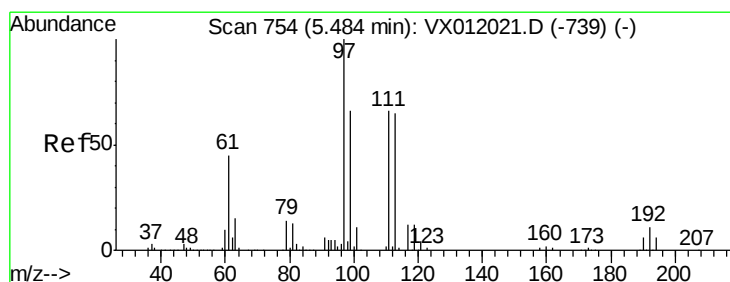
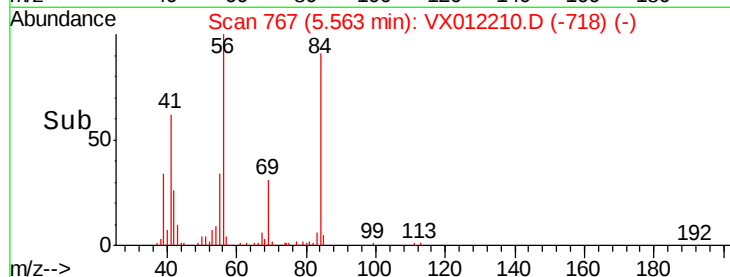
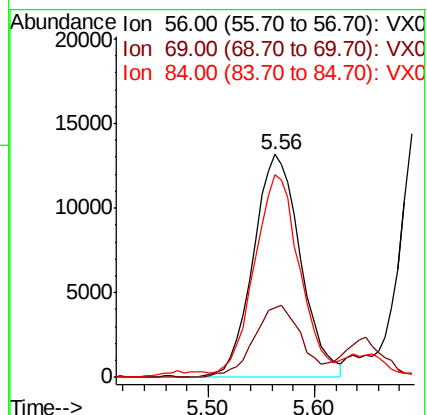
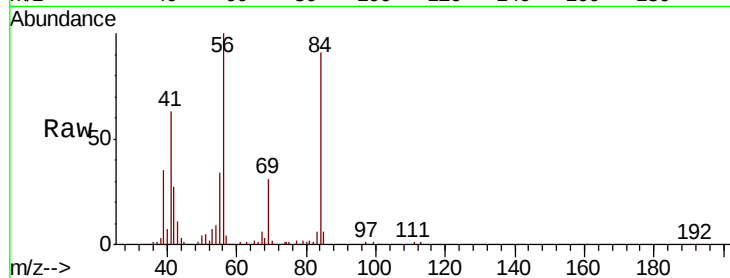
Tgt Ion: 56 Resp: 40849

Ion Ratio Lower Upper

56 100

69 30.6 25.7 38.5

84 87.7 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 19.872 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

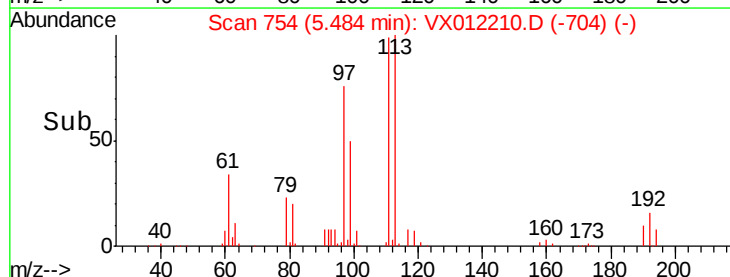
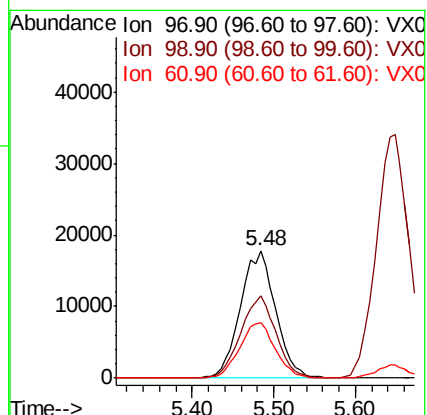
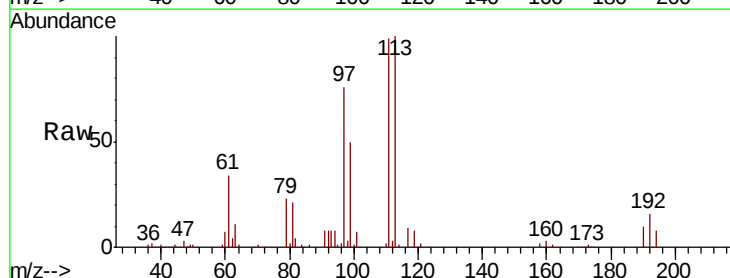
Tgt Ion: 97 Resp: 53312

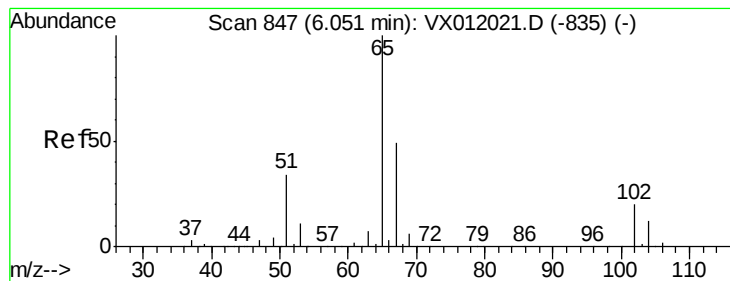
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 44.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 42.433 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

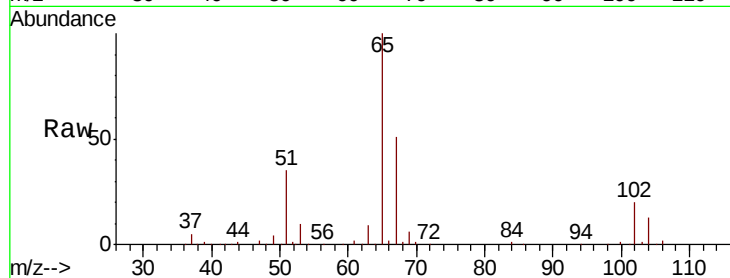
VX0907SBSD03

Tgt Ion: 65 Resp: 79796

Ion Ratio Lower Upper

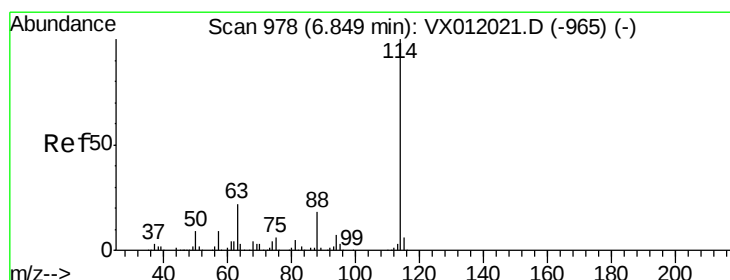
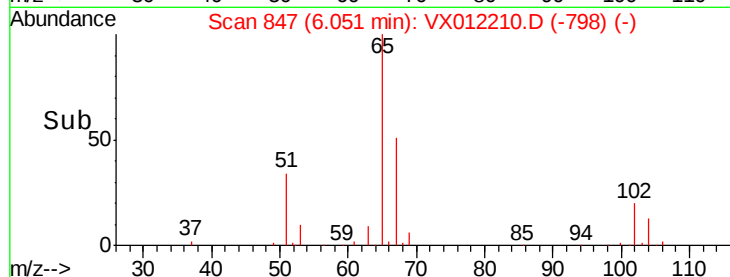
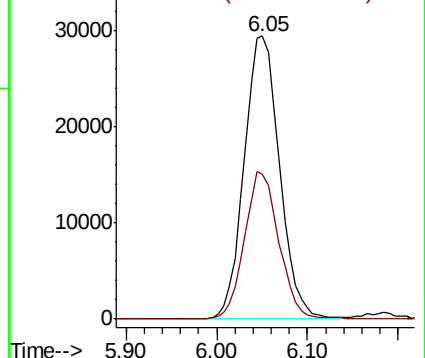
65 100

67 50.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

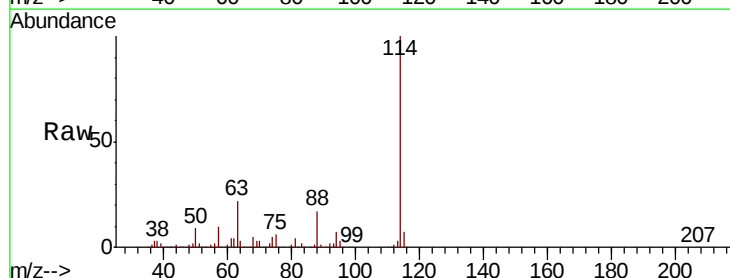
Tgt Ion: 114 Resp: 231372

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

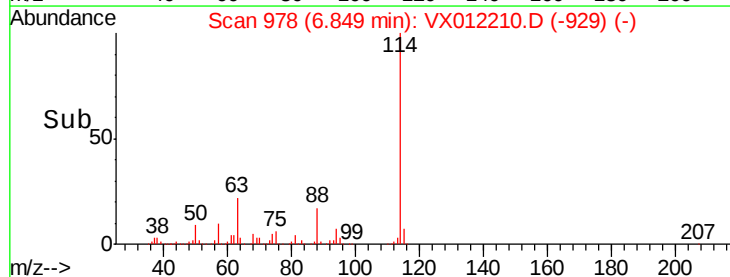
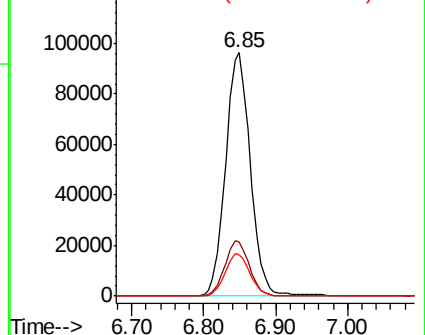
88 17.1 0.0 29.6

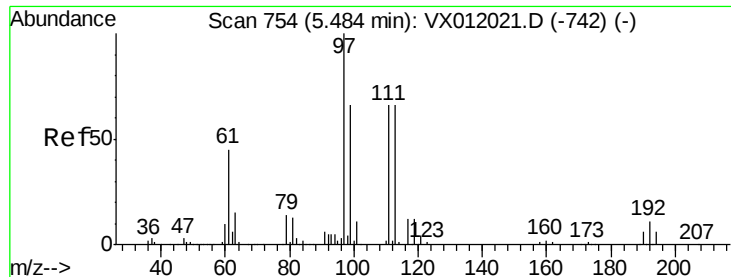


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

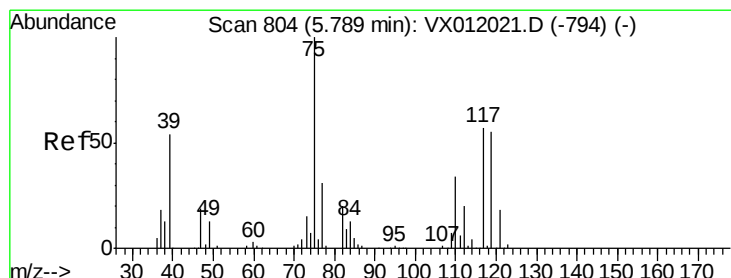
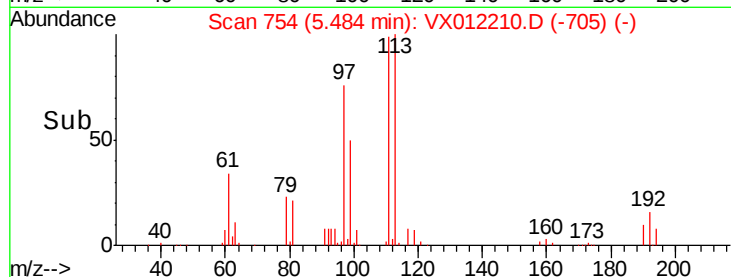
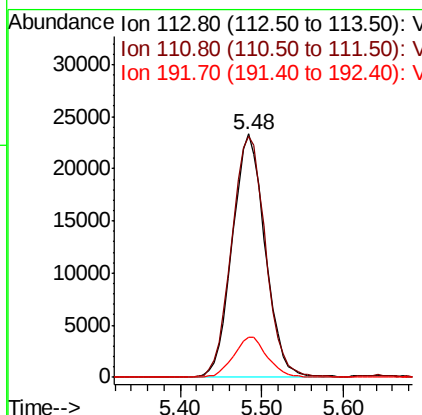
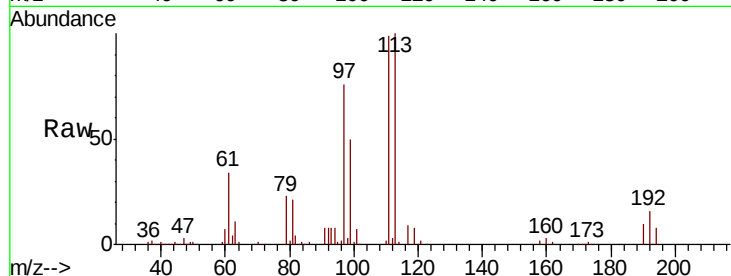




#35
 Dibromofluoromethane
 Concen: 45.570 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

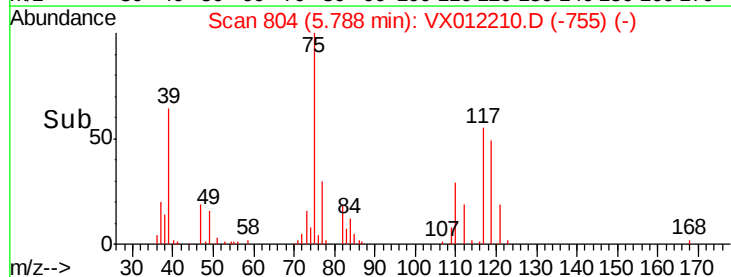
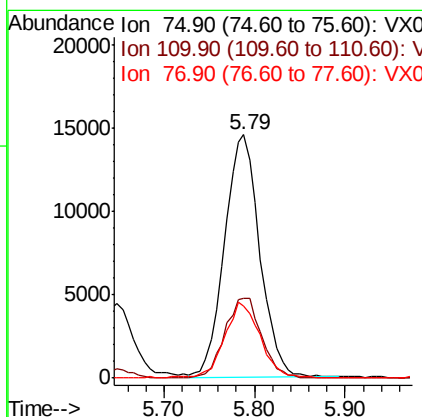
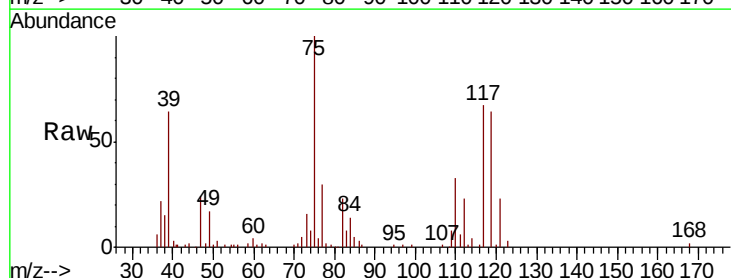
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

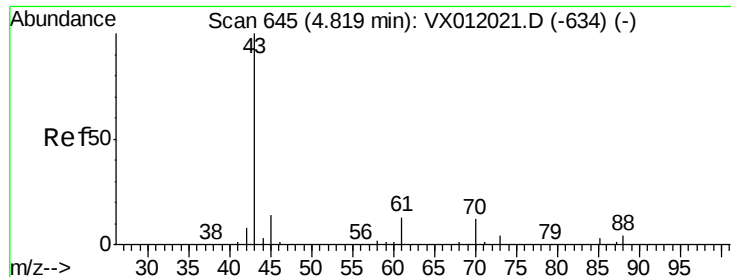
Tgt Ion:113 Resp: 64840
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 17.0 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 19.307 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 75 Resp: 39345
 Ion Ratio Lower Upper
 75 100
 110 34.2 19.5 58.5
 77 31.9 24.6 37.0

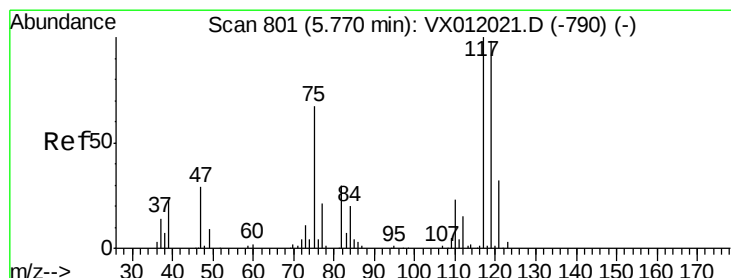
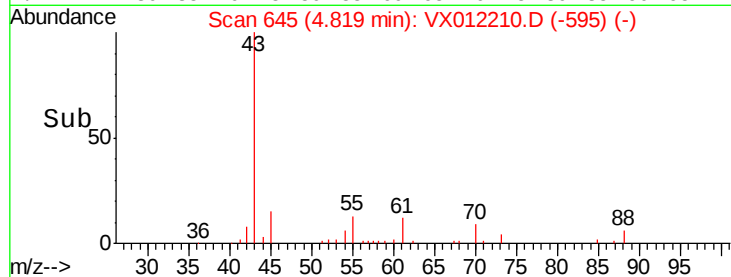
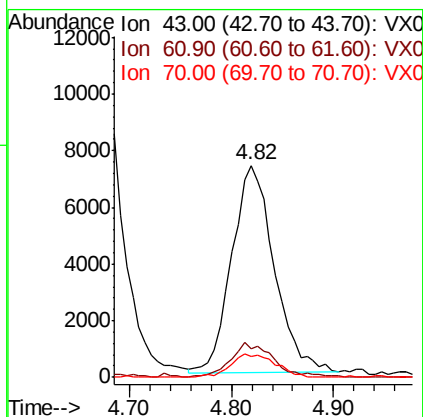
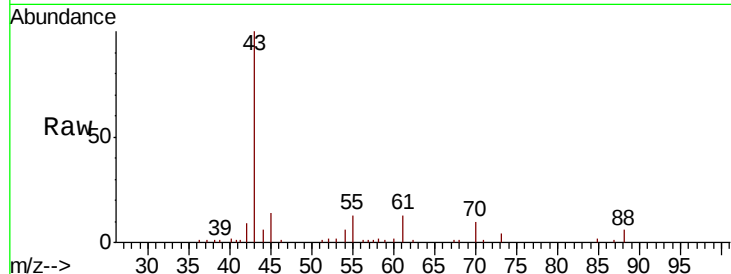




#37
Ethyl Acetate
Concen: 19.067 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

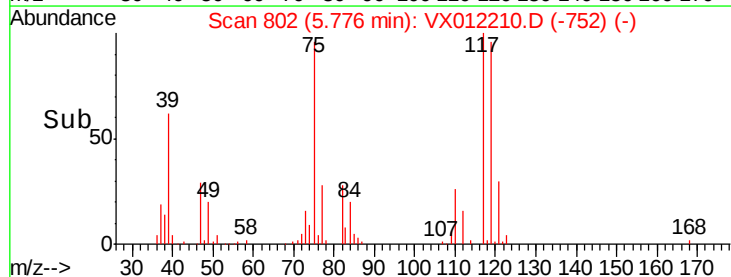
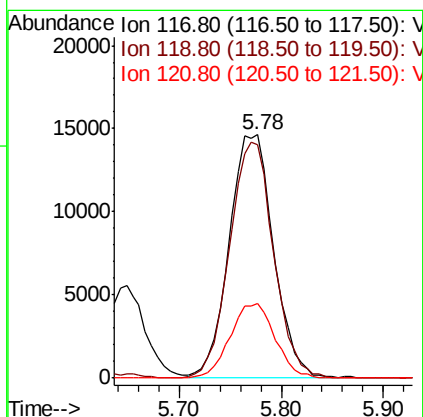
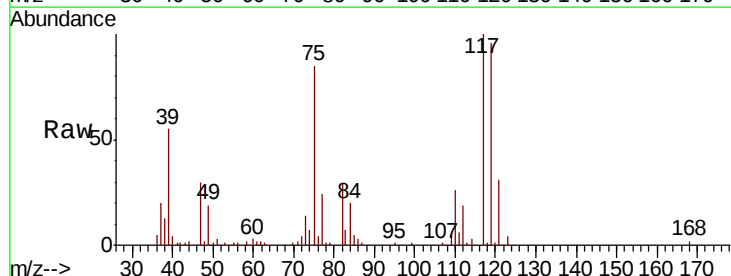
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

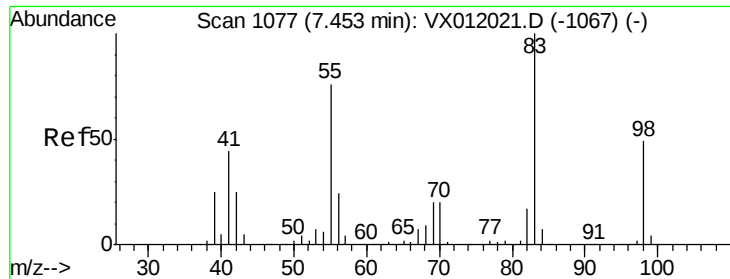
Tgt Ion: 43 Resp: 21129
Ion Ratio Lower Upper
43 100
61 17.0 10.9 16.3#
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.417 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 117 Resp: 43841
Ion Ratio Lower Upper
117 100
119 95.8 78.3 117.5
121 30.8 24.2 36.2

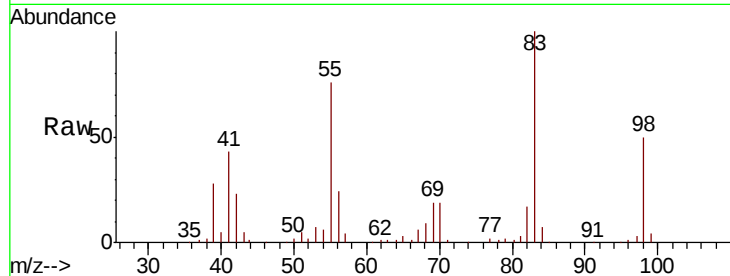




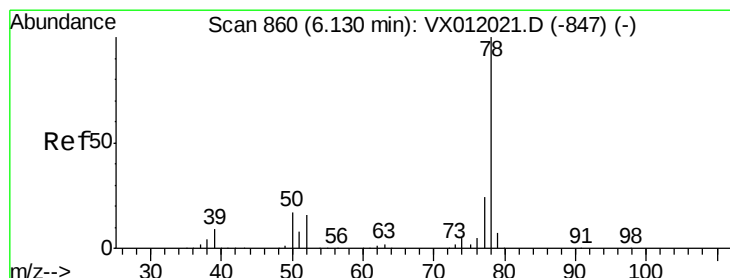
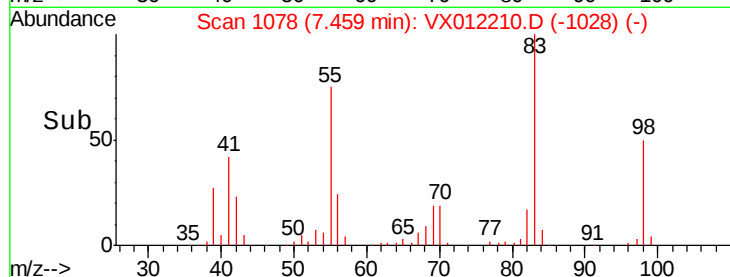
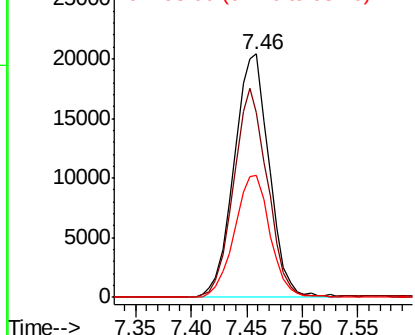
#39
Methylcyclohexane
Concen: 18.858 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion: 83 Resp: 44601
Ion Ratio Lower Upper
83 100
55 75.8 59.6 89.4
98 50.0 41.4 62.0

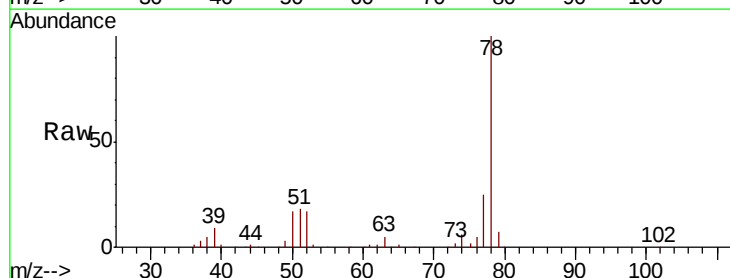


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

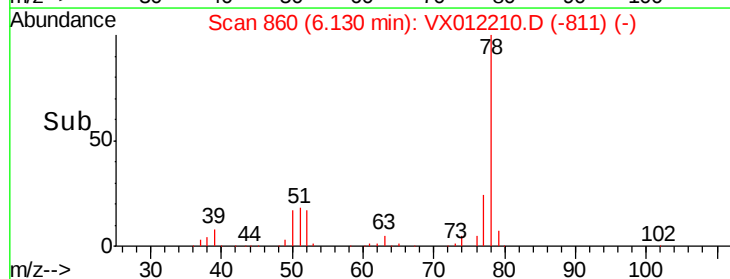
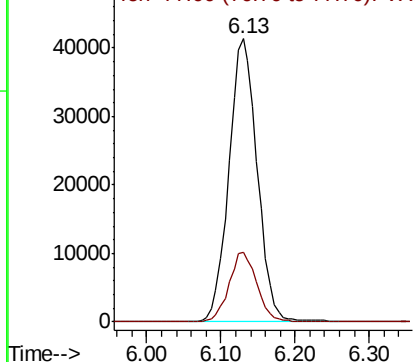


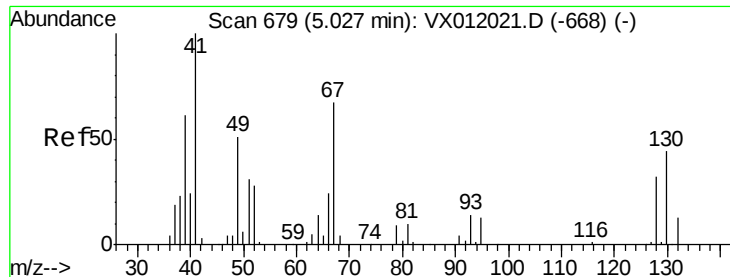
#40
Benzene
Concen: 18.804 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 78 Resp: 110006
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



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

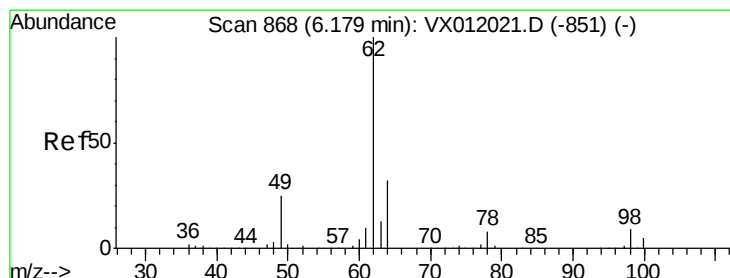
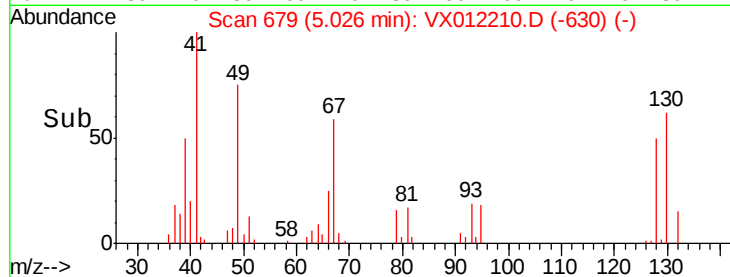
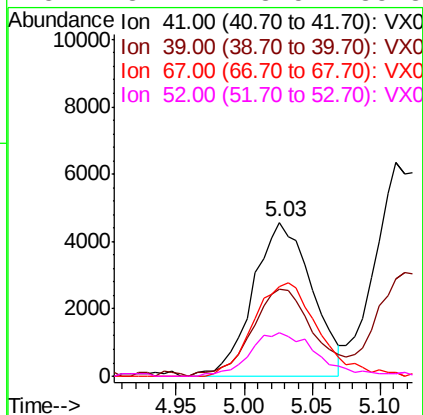
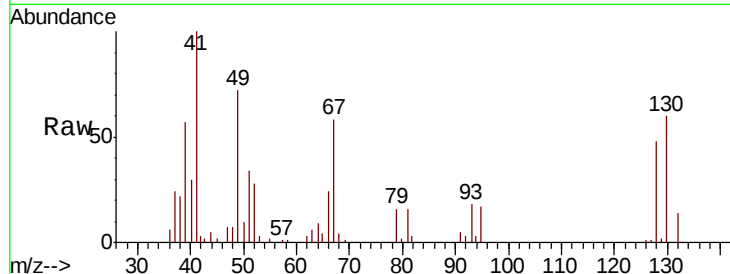




#41
Methacrylonitrile
Concen: 20.892 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

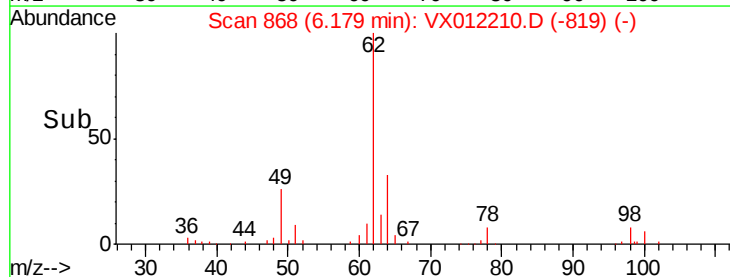
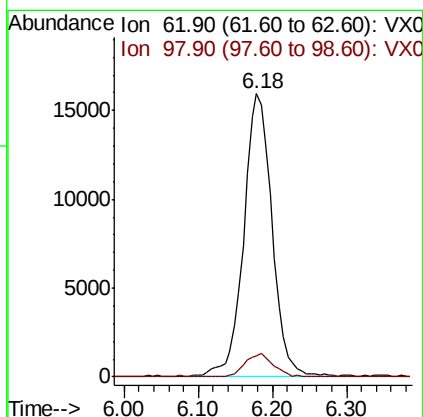
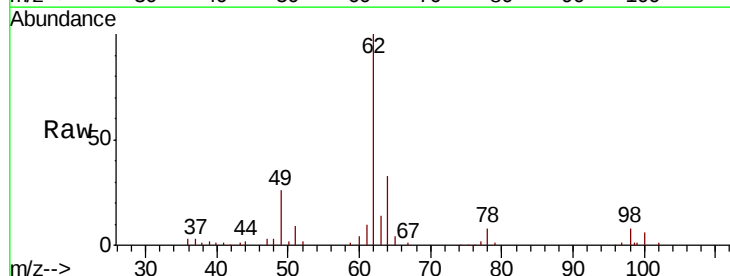
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

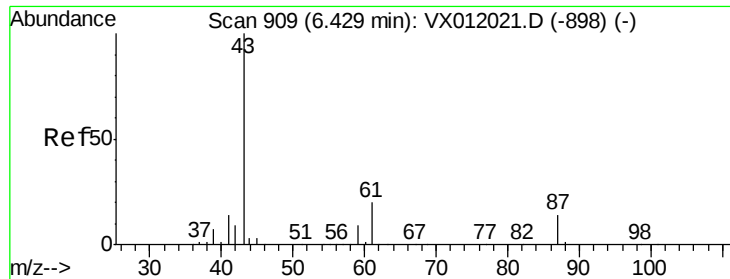
Tgt Ion:	41	Resp:	13806
Ion	Ratio	Lower	Upper
41	100		
39	59.2	46.7	70.1
67	66.4	57.0	85.6
52	32.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.312 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion:	62	Resp:	42762
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.541 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

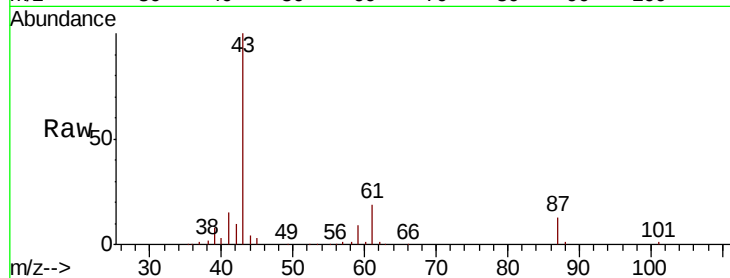
Tgt Ion: 43 Resp: 44029

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

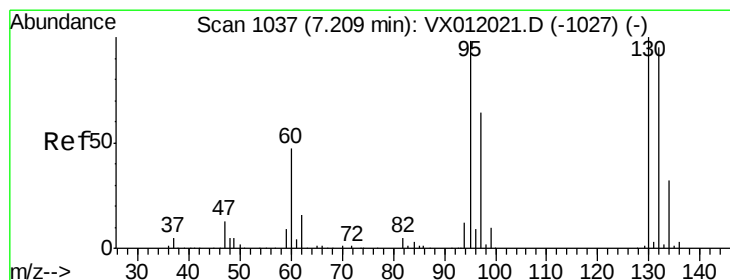
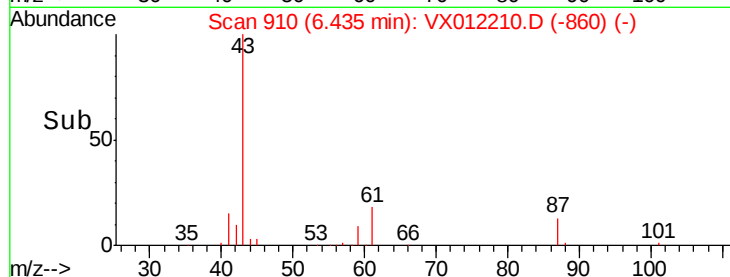
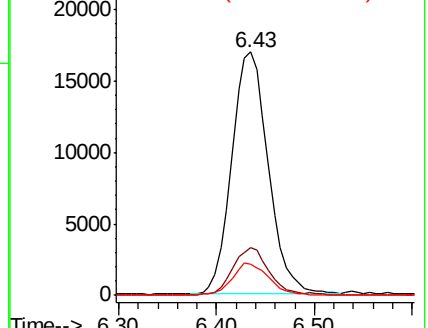
87 13.5 11.3 16.9



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: 19.174 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012210.D

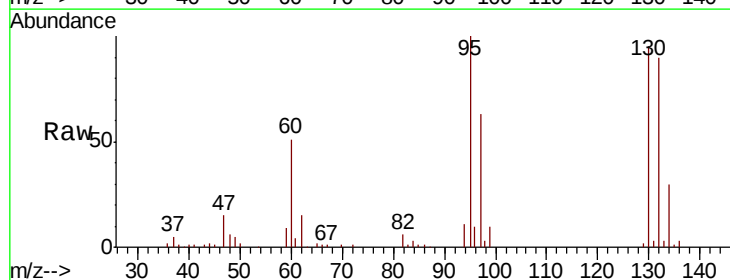
Acq: 08 Sep 2019 09:04

Tgt Ion: 130 Resp: 30255

Ion Ratio Lower Upper

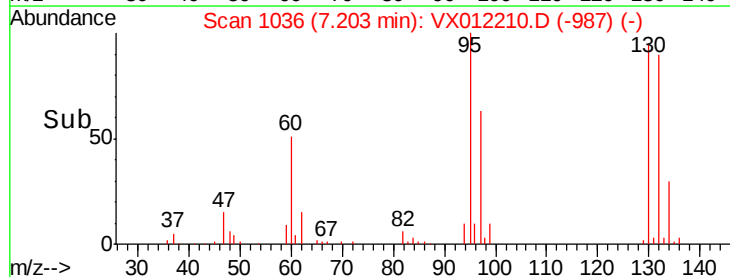
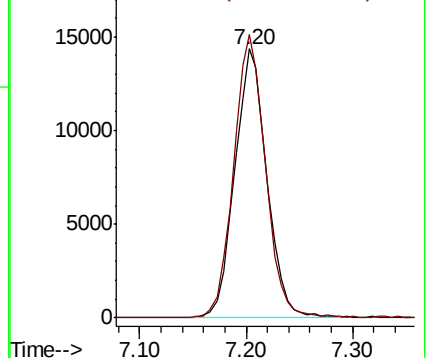
130 100

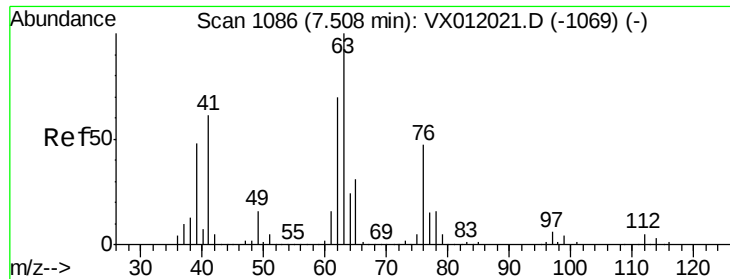
95 105.1 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

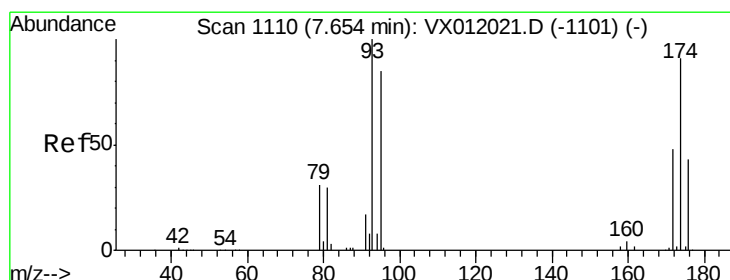
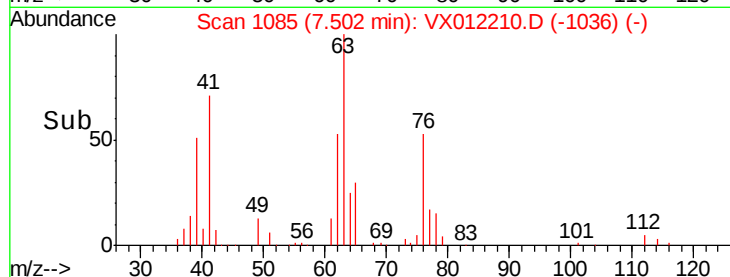
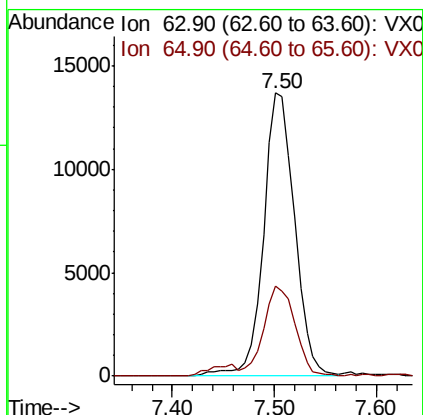
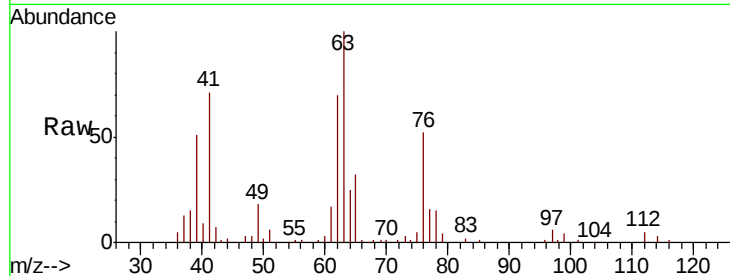




#45
 1,2-Dichloropropane
 Concen: 19.136 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

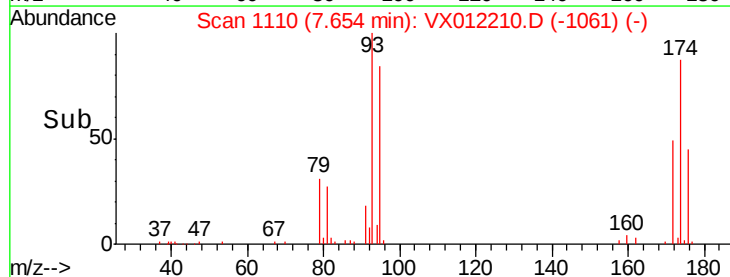
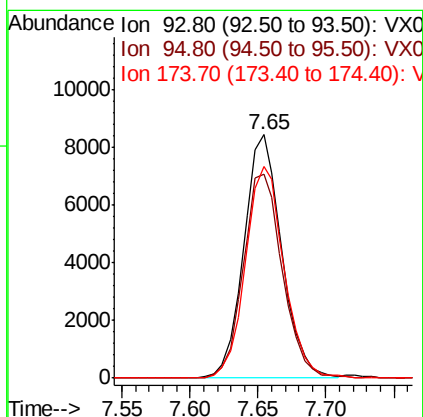
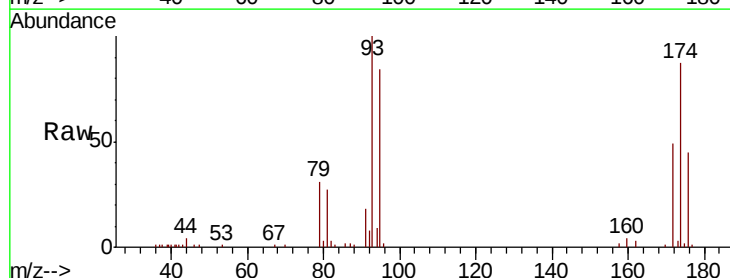
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

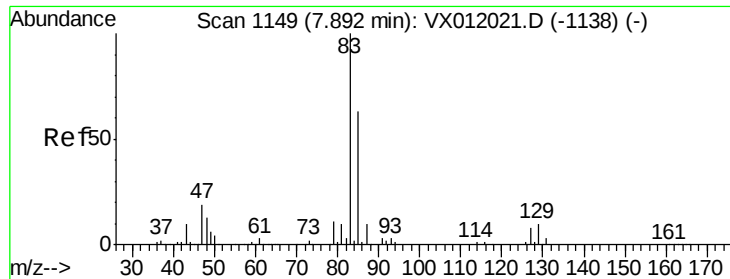
Tgt Ion: 63 Resp: 28924
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 18.648 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 93 Resp: 16454
 Ion Ratio Lower Upper
 93 100
 95 86.8 66.2 99.2
 174 88.5 110.2 165.4#





#47

Bromodichloromethane

Concen: 19.634 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

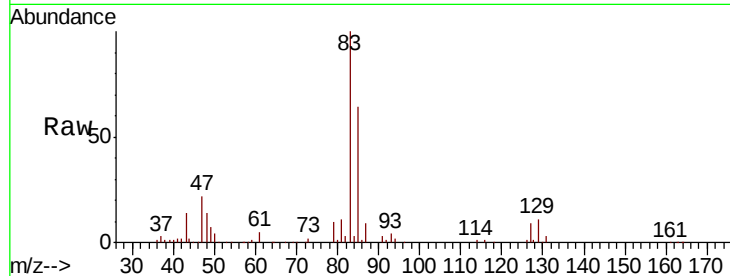
Tgt Ion: 83 Resp: 44034

Ion Ratio Lower Upper

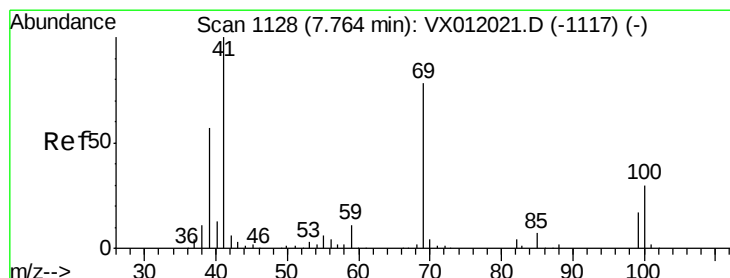
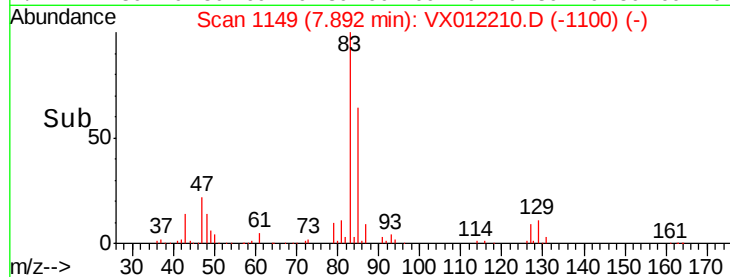
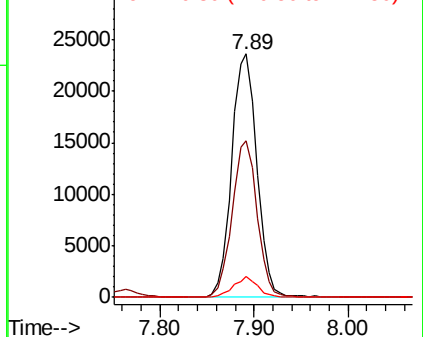
83 100

85 64.2 50.3 75.5

127 8.6 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: 19.337 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

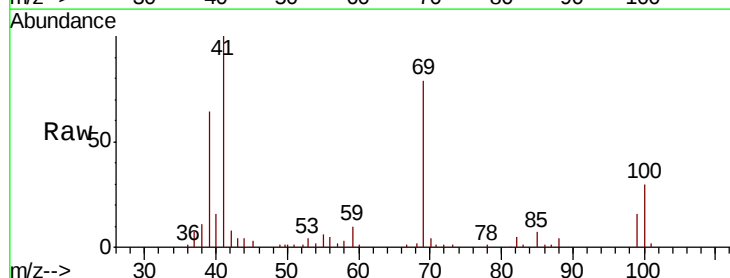
Tgt Ion: 41 Resp: 21908

Ion Ratio Lower Upper

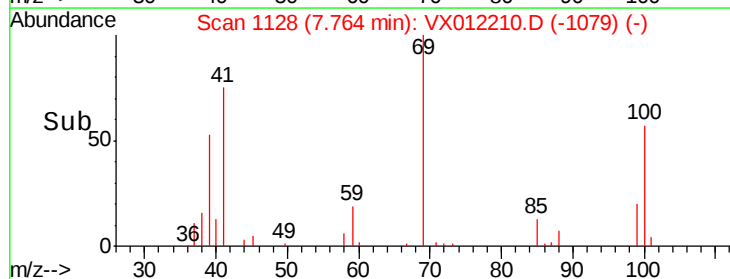
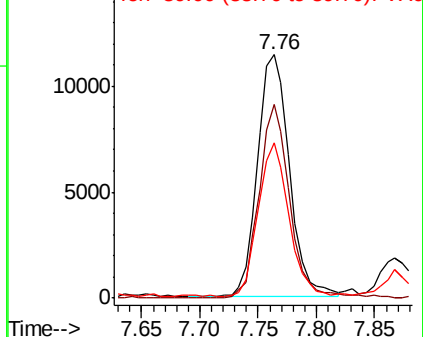
41 100

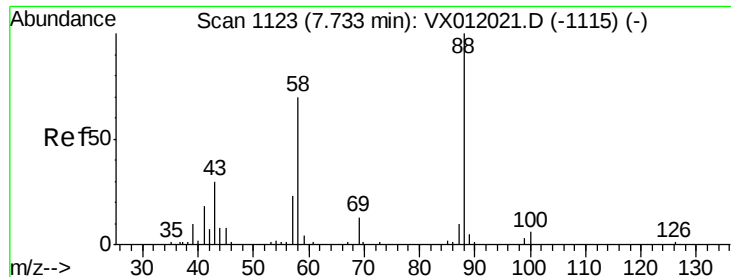
69 77.1 66.3 99.5

39 60.6 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

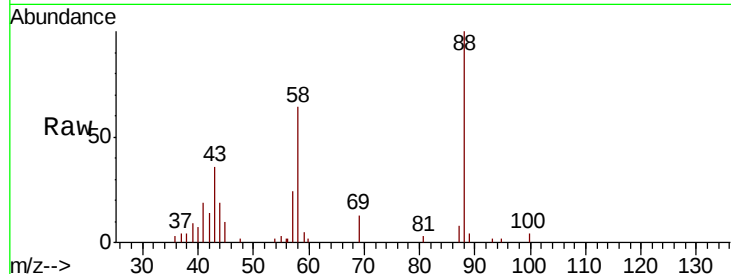




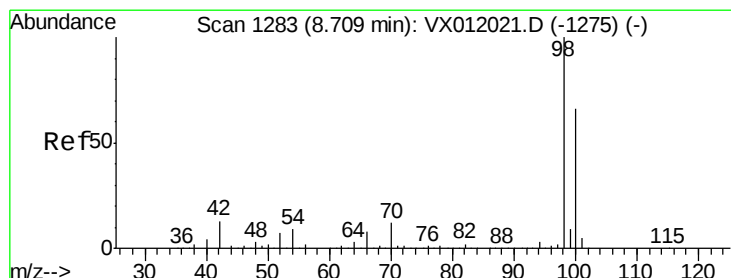
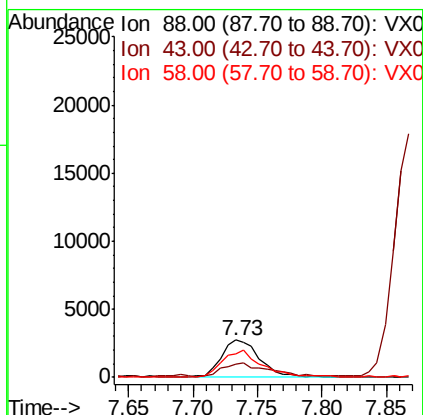
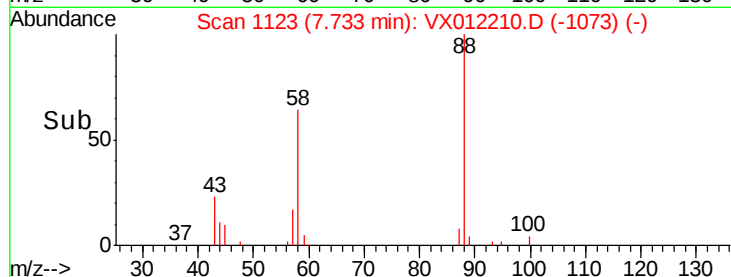
#49
1,4-Dioxane
Concen: 370.751 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion: 88 Resp: 5726
Ion Ratio Lower Upper
88 100
43 41.2 29.8 44.6
58 75.2 55.4 83.2

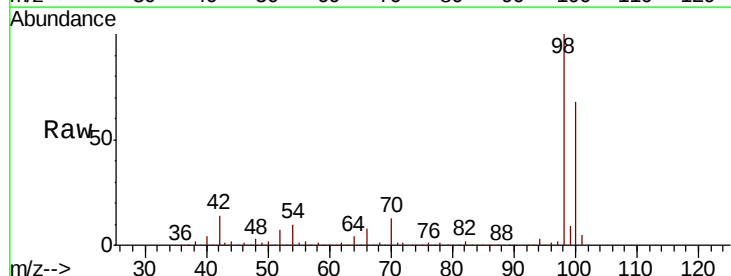


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

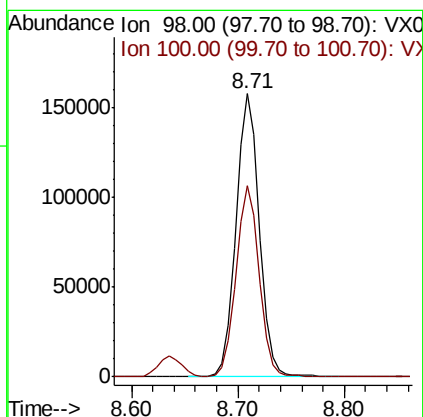
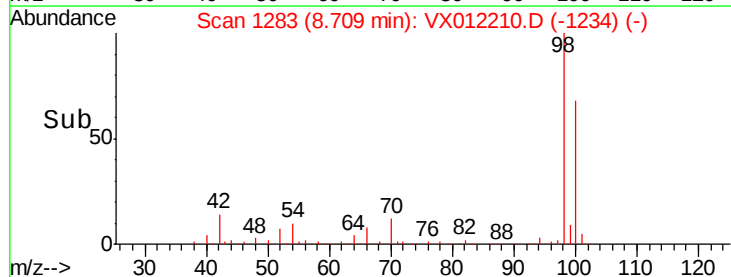


#50
Toluene-d8
Concen: 46.382 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 98 Resp: 242173
Ion Ratio Lower Upper
98 100
100 67.0 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: 100.908 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

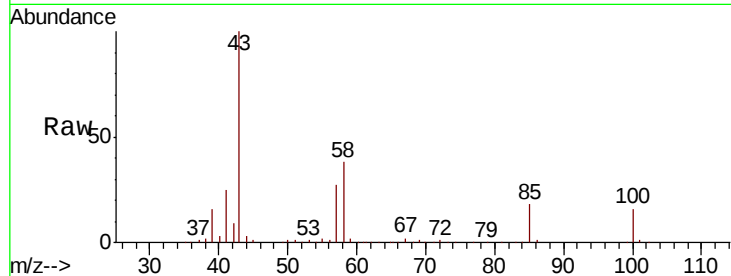
VX0907SBSD03

Tgt Ion: 43 Resp: 115648

Ion Ratio Lower Upper

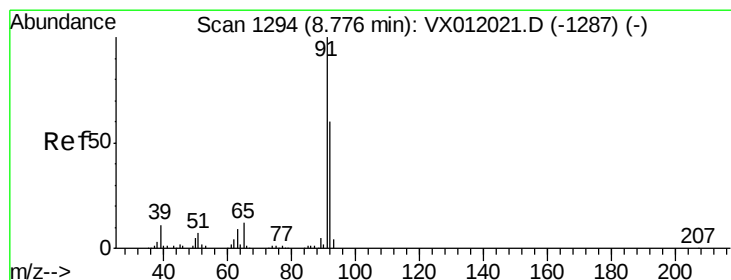
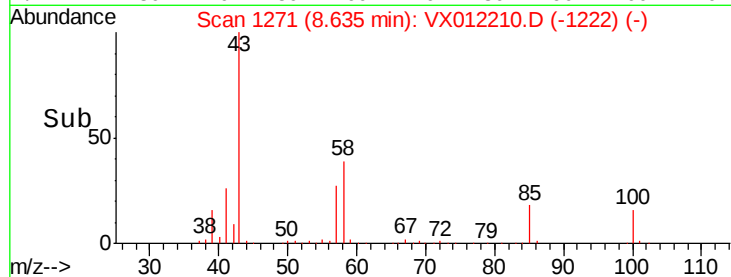
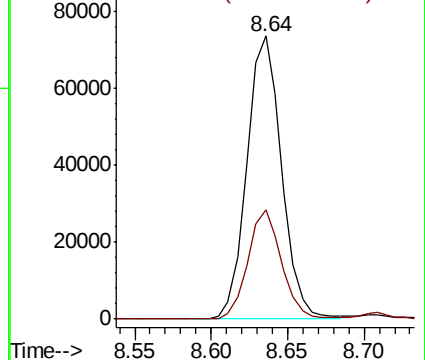
43 100

58 37.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.132 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012210.D

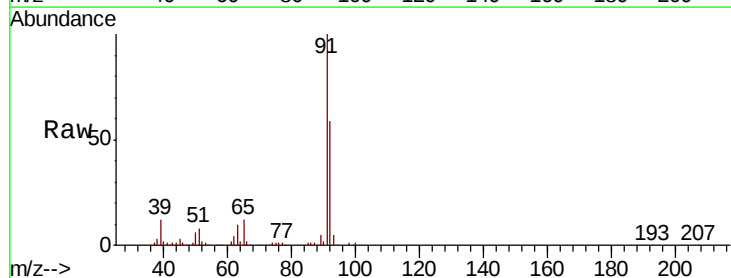
Acq: 08 Sep 2019 09:04

Tgt Ion: 92 Resp: 72825

Ion Ratio Lower Upper

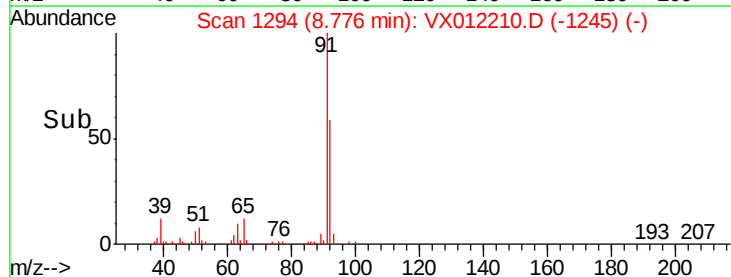
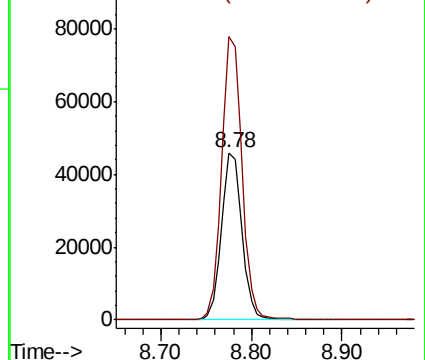
92 100

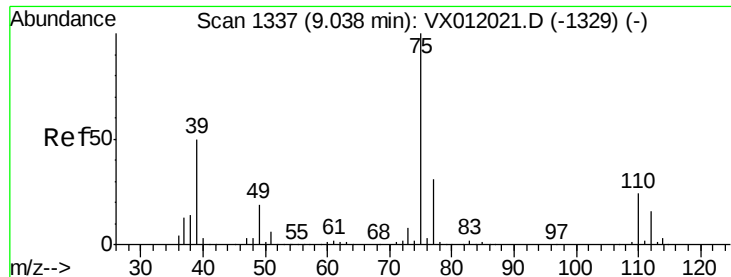
91 168.7 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

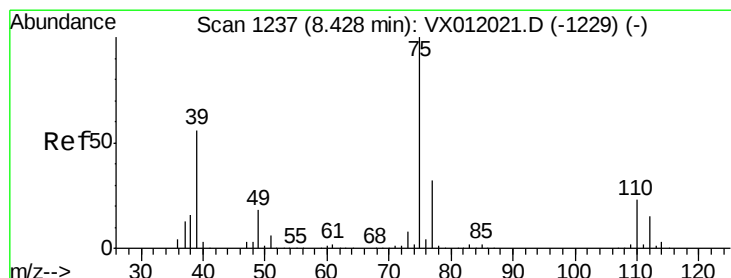
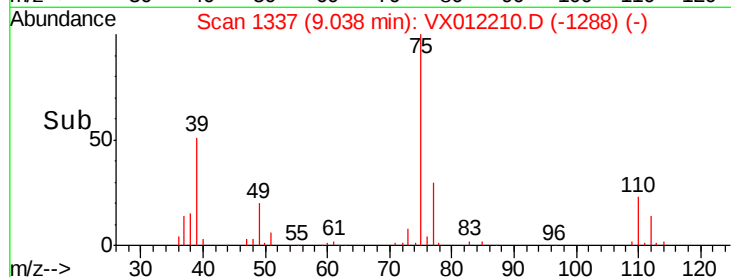
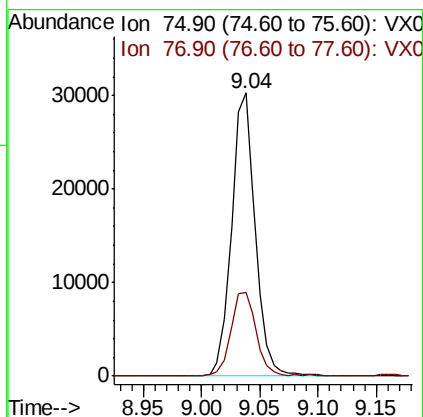
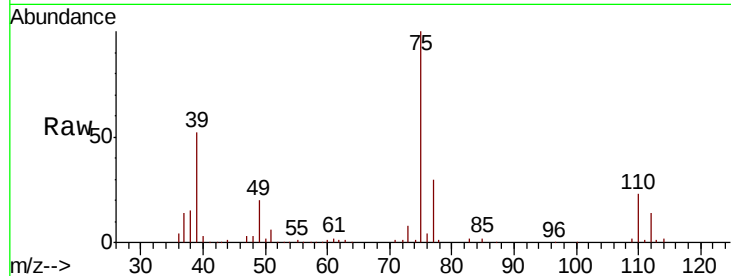




#53
 t-1,3-Dichloropropene
 Concen: 18.508 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

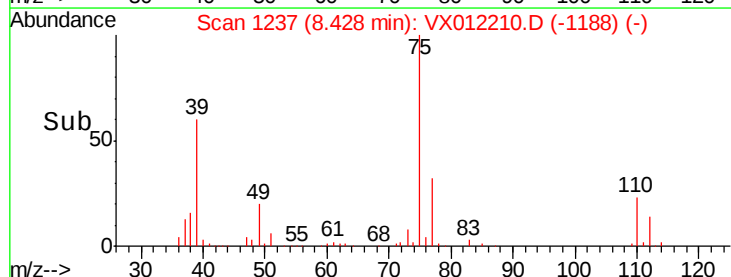
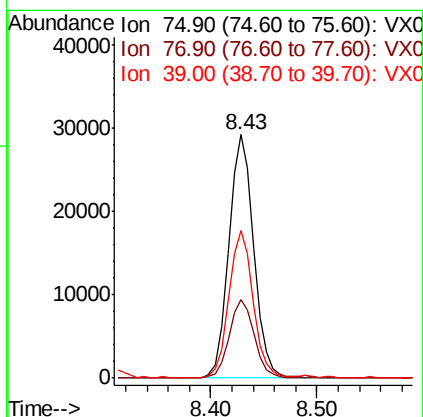
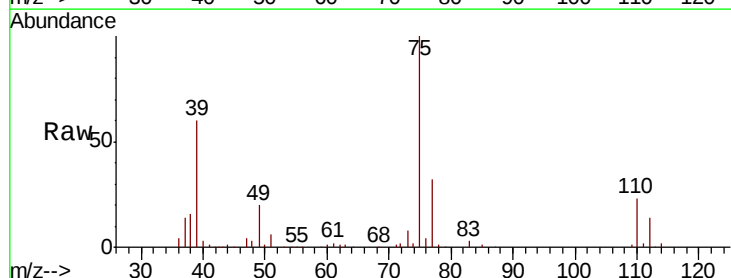
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

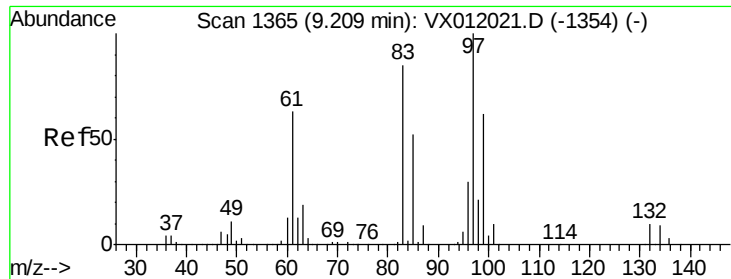
Tgt Ion: 75 Resp: 42974
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.570 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 75 Resp: 47949
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3
 39 60.1 43.0 64.4

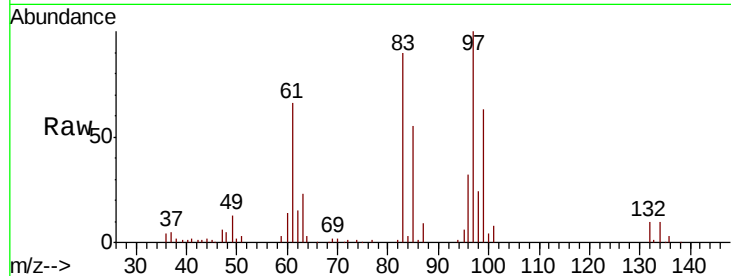




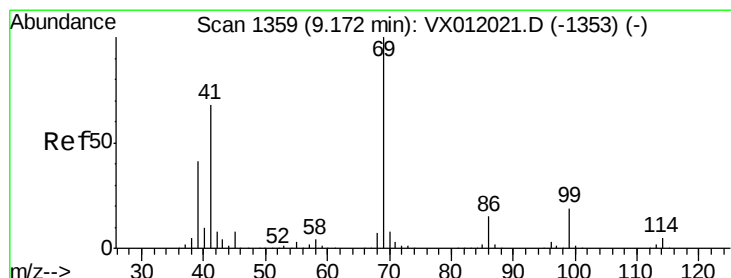
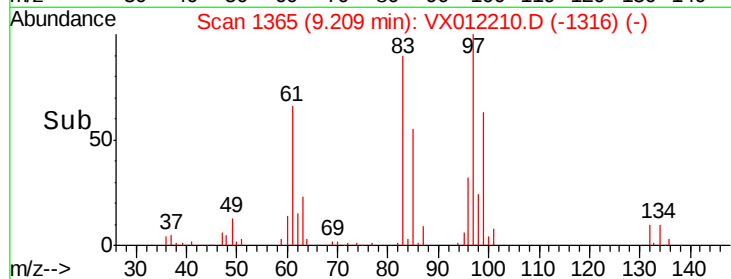
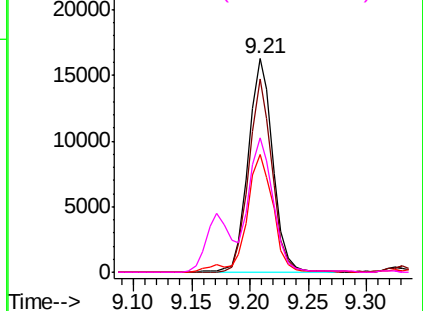
#55
 1,1,2-Trichloroethane
 Concen: 19.055 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tgt Ion:	97	Resp:	24037
Ion	Ratio	Lower	Upper
97	100		
83	90.3	66.0	99.0
85	55.1	41.0	61.6
99	62.6	50.6	75.8

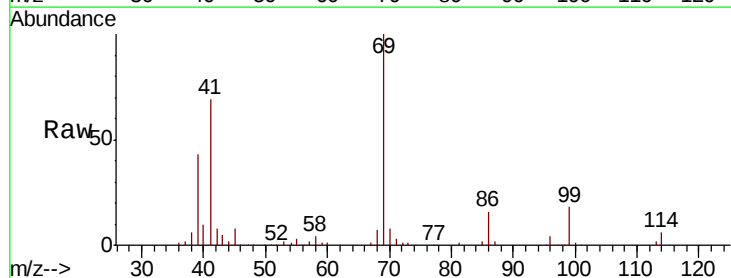


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

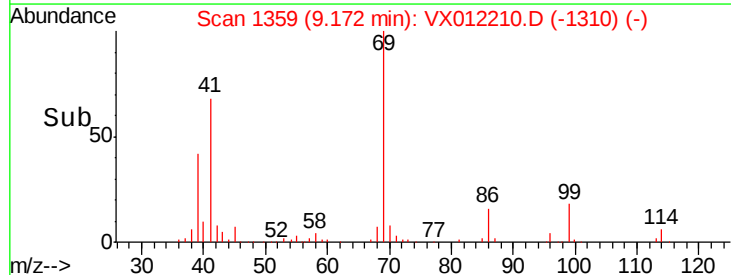
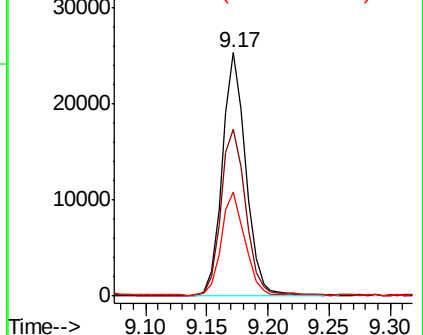


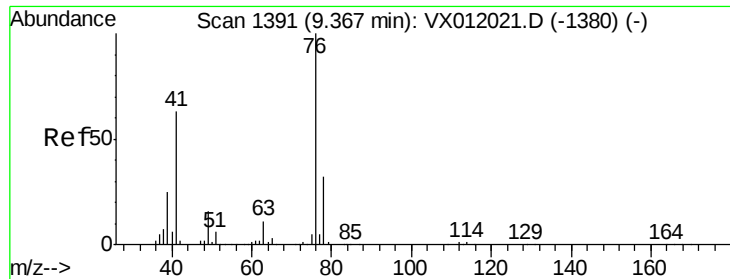
#56
 Ethyl methacrylate
 Concen: 18.917 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion:	69	Resp:	34180
Ion	Ratio	Lower	Upper
69	100		
41	73.2	53.9	80.9
39	41.6	31.1	46.7



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

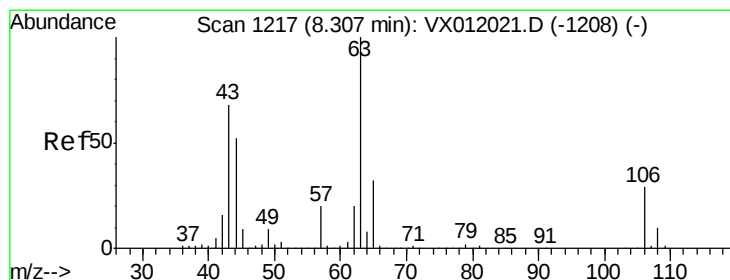
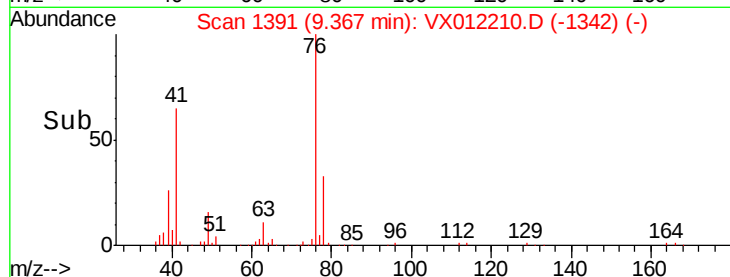
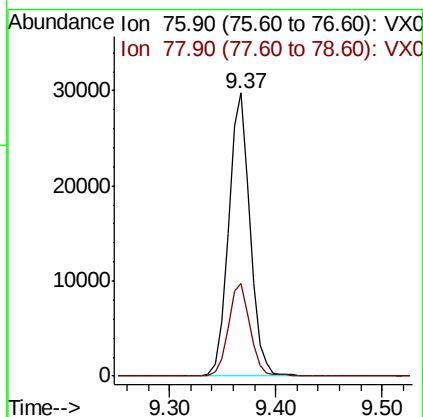
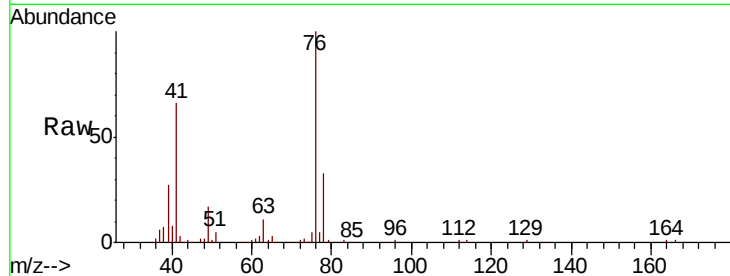




#57
 1,3-Dichloropropane
 Concen: 19.252 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

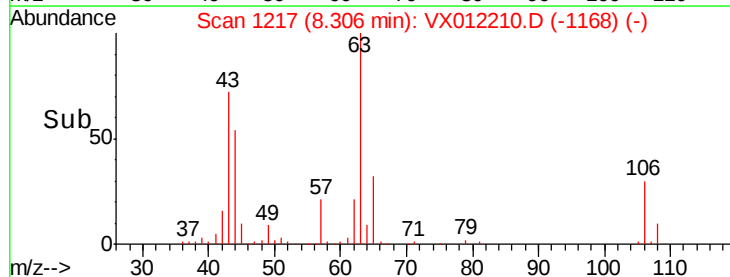
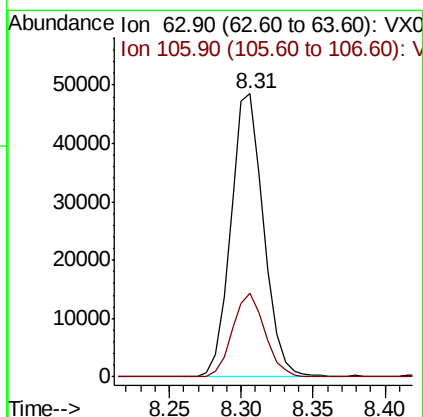
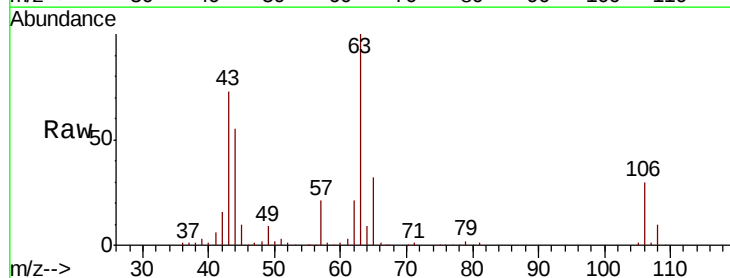
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

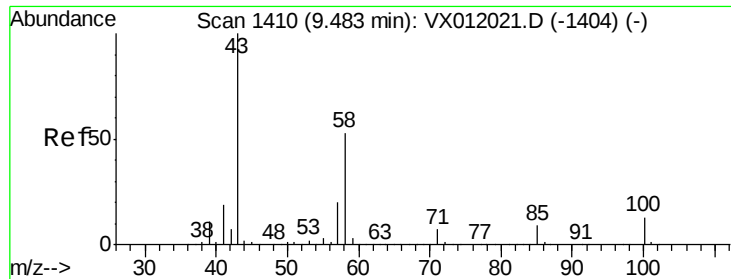
Tgt Ion: 76 Resp: 41906
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.155 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 63 Resp: 76699
 Ion Ratio Lower Upper
 63 100
 106 29.4 26.5 39.7

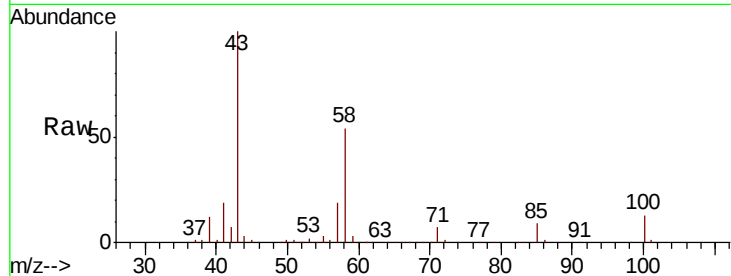




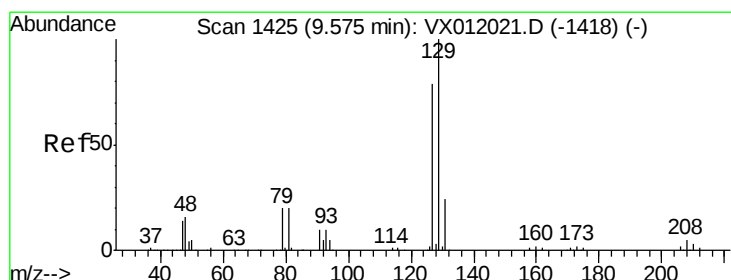
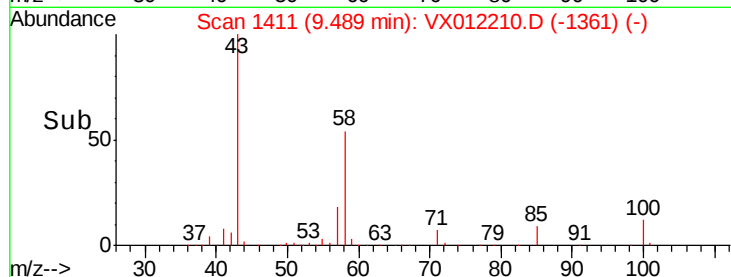
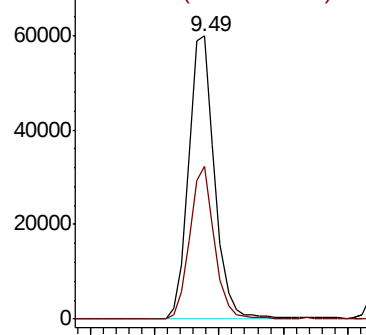
#59
2-Hexanone
Concen: 101.475 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion: 43 Resp: 84860
Ion Ratio Lower Upper
43 100
58 51.2 27.2 81.6

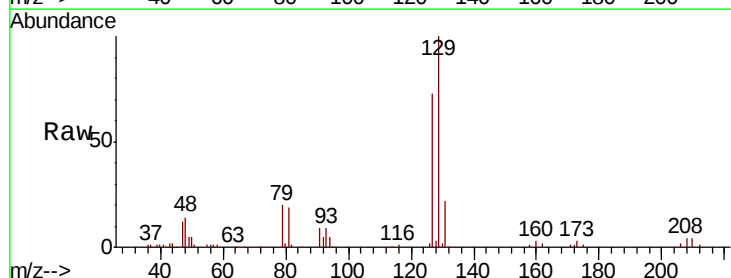


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

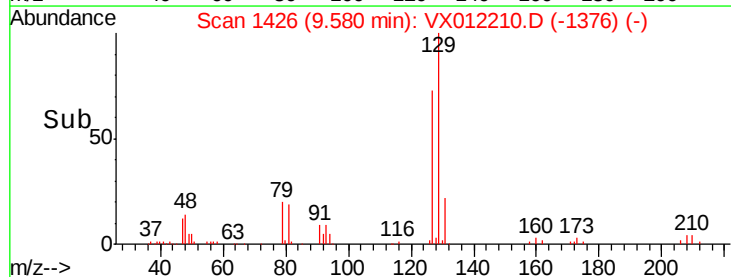
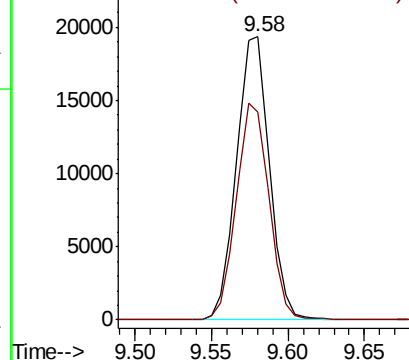


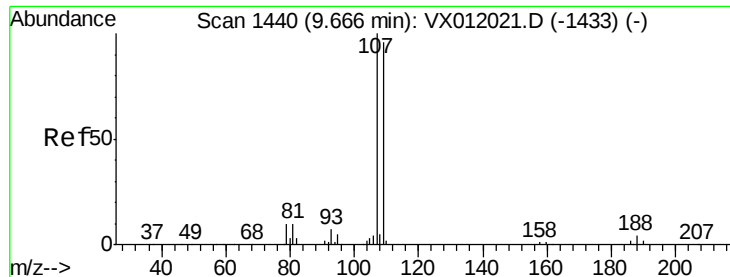
#60
Dibromochloromethane
Concen: 19.211 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 129 Resp: 28882
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 18.881 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

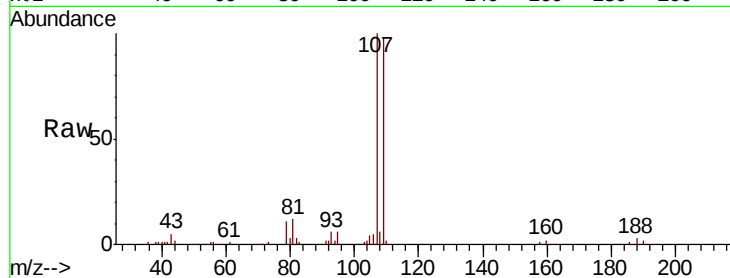
VX0907SBSD03

Tgt Ion: 107 Resp: 23014

Ion Ratio Lower Upper

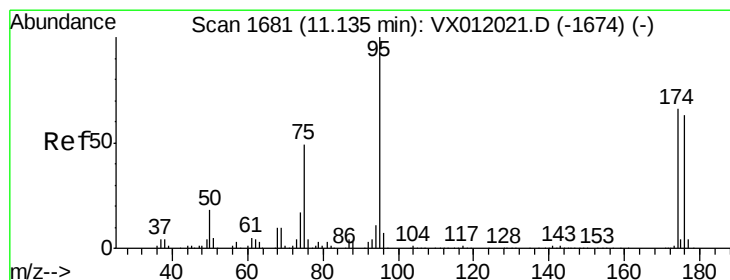
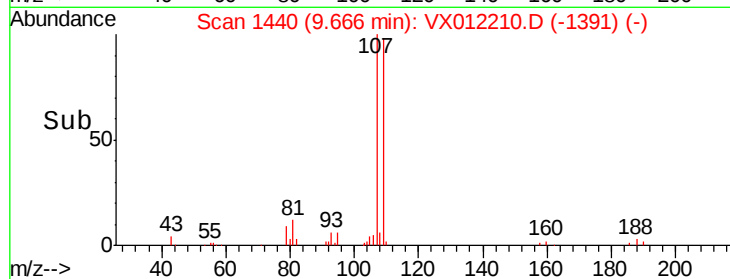
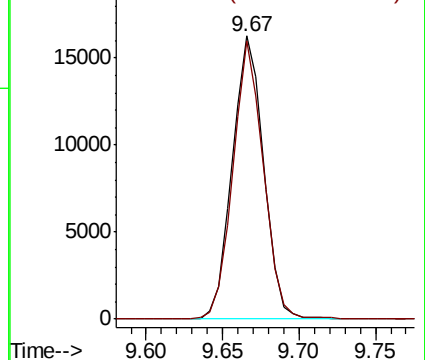
107 100

109 95.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.285 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

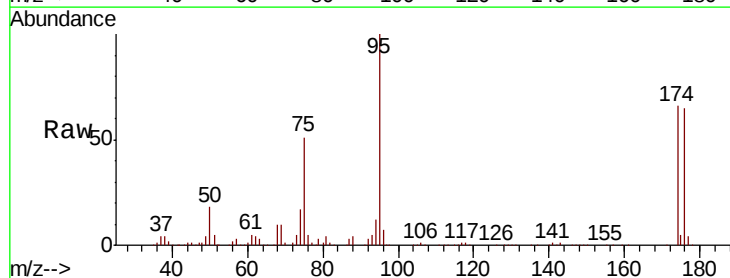
Tgt Ion: 95 Resp: 105105

Ion Ratio Lower Upper

95 100

174 64.2 0.0 205.4

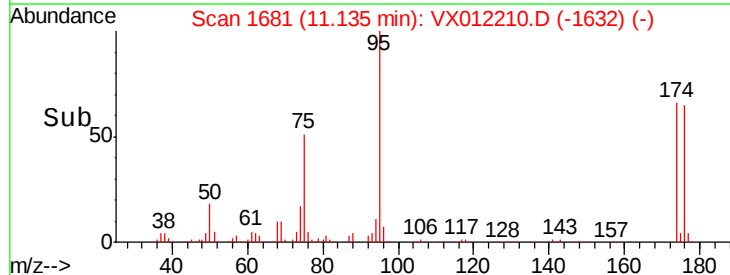
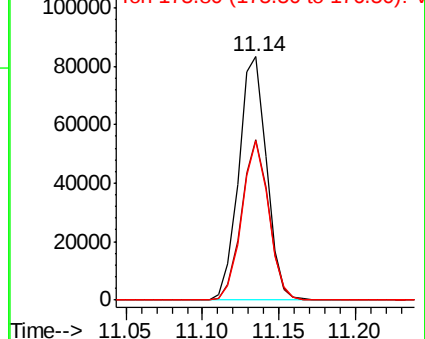
176 62.7 0.0 201.8

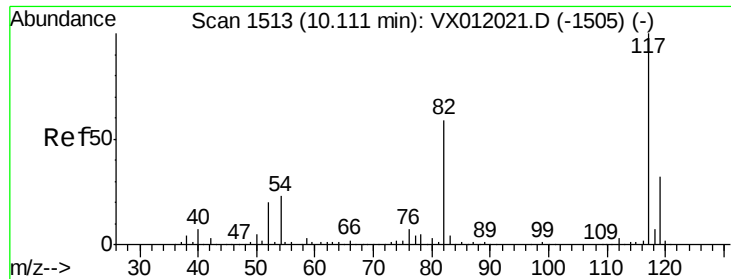


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

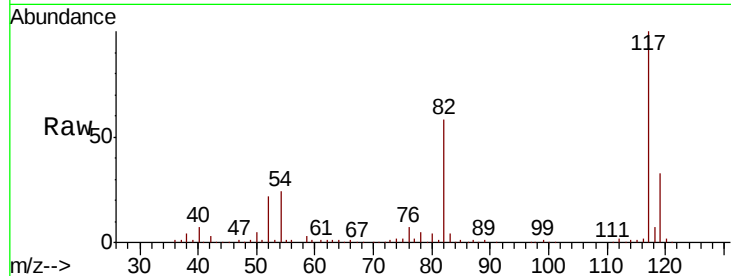




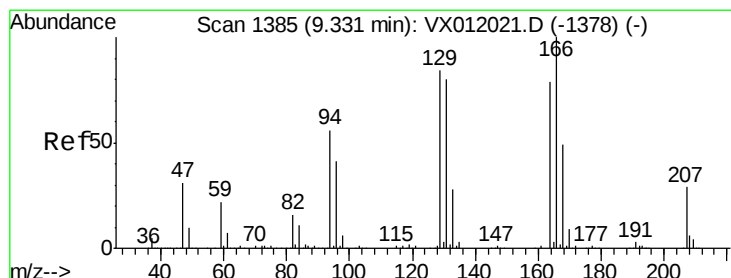
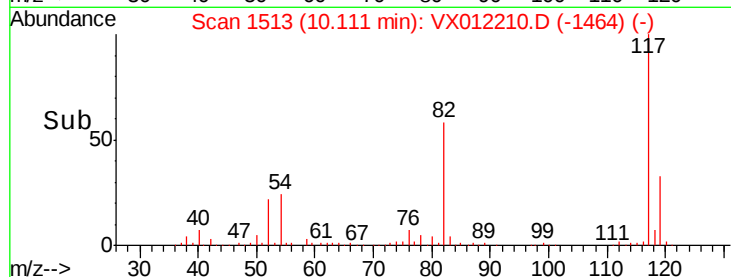
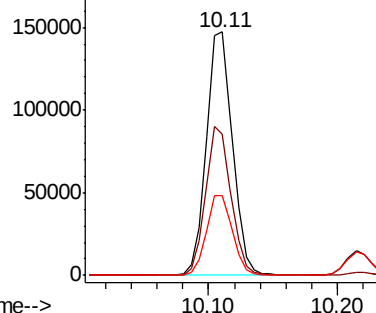
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion:117 Resp: 208086
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 32.7 26.1 39.1

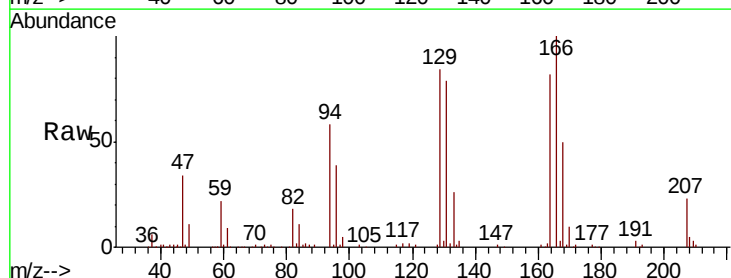


Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

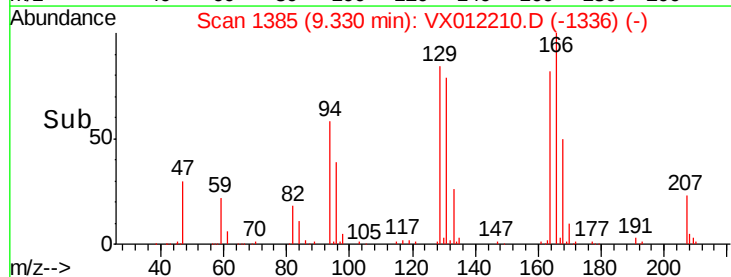
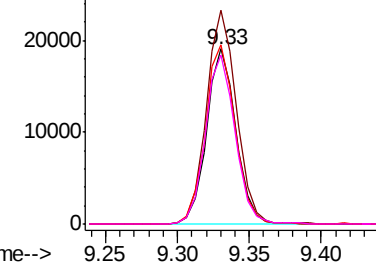


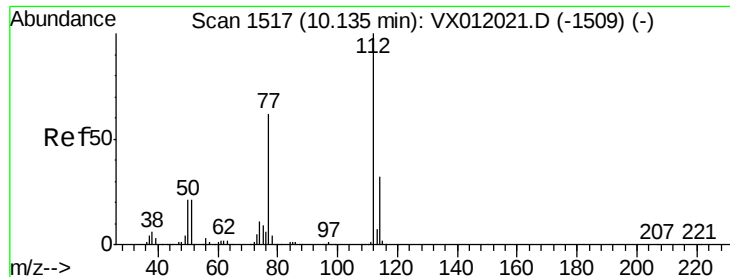
#64
Tetrachloroethene
Concen: 20.787 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion:164 Resp: 26967
Ion Ratio Lower Upper
164 100
166 122.0 104.3 156.5
129 102.6 68.3 102.5#
131 96.6 65.4 98.0



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

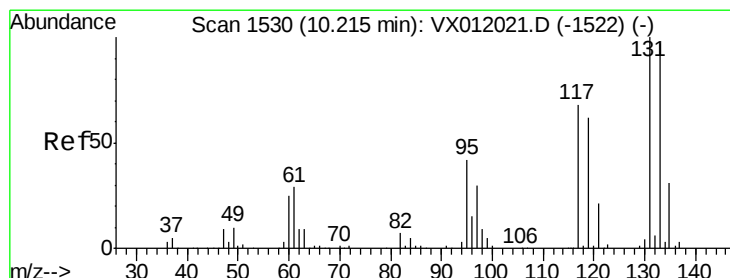
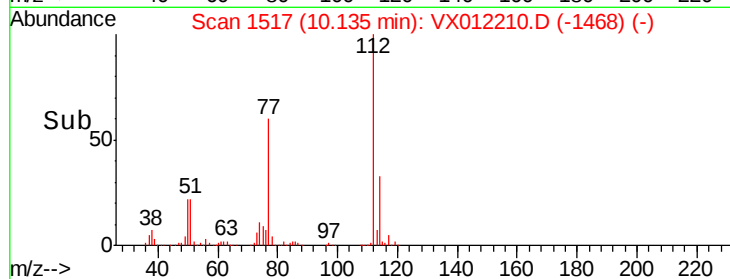
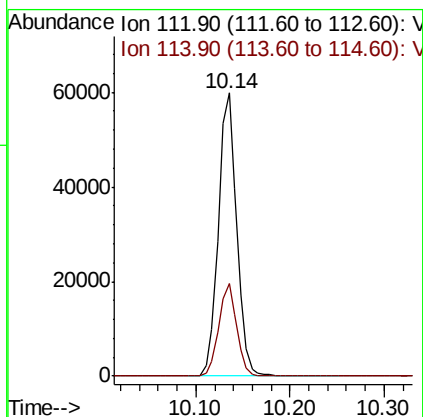
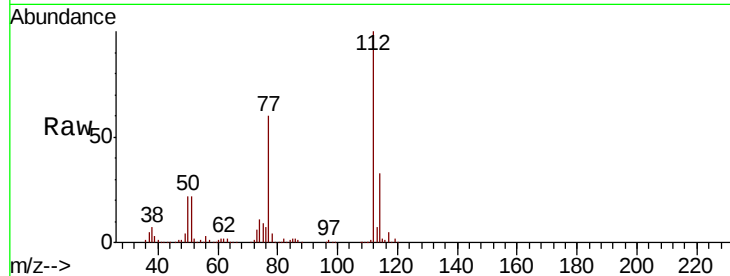




#65
Chlorobenzene
Concen: 19.690 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

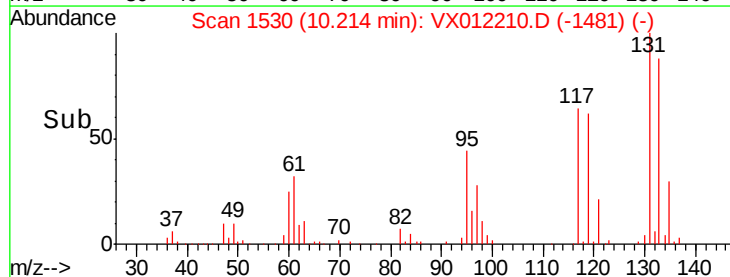
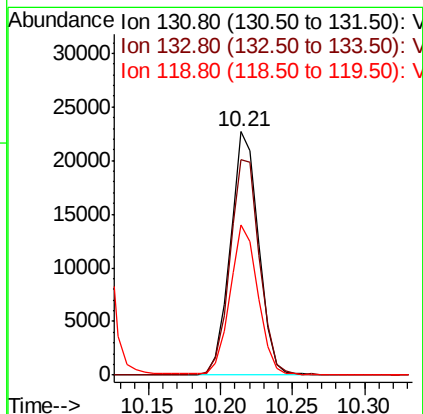
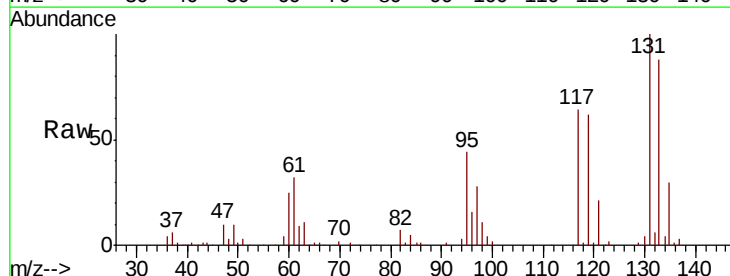
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

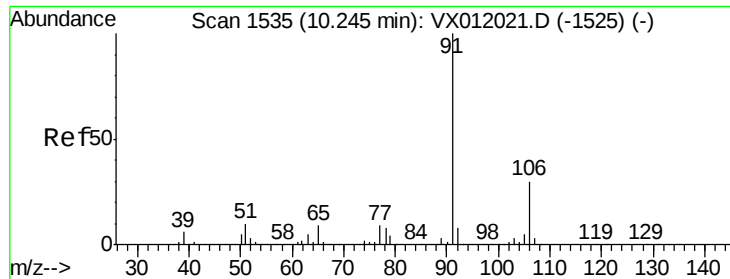
Tgt Ion:112 Resp: 80841
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.762 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion:131 Resp: 31168
Ion Ratio Lower Upper
131 100
133 92.7 48.4 145.0
119 61.4 30.5 91.5

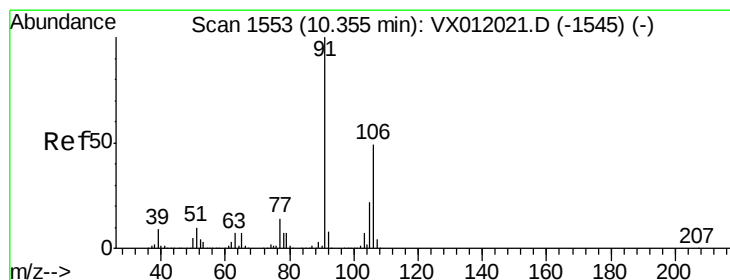
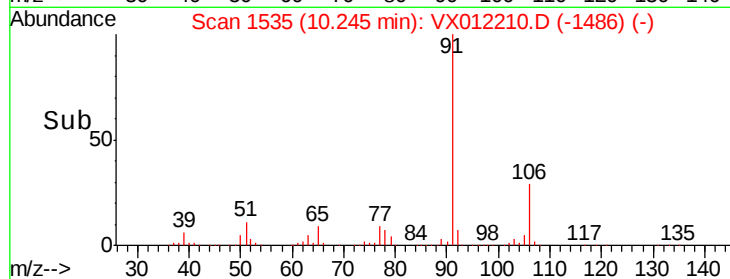
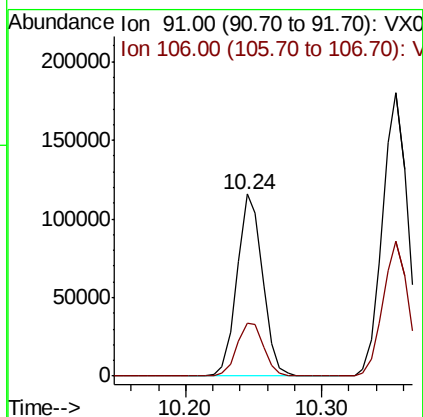
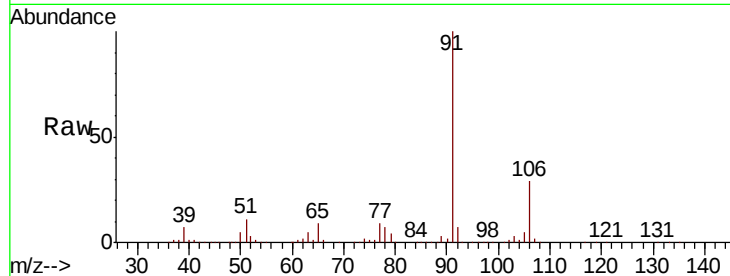




#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

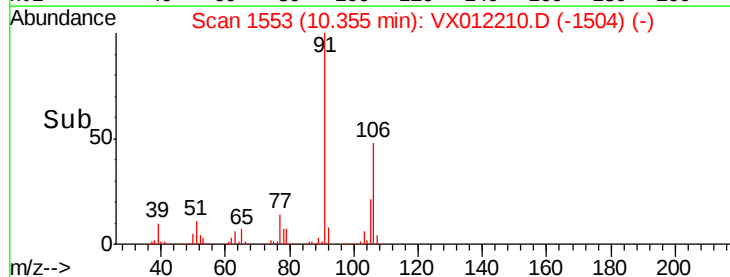
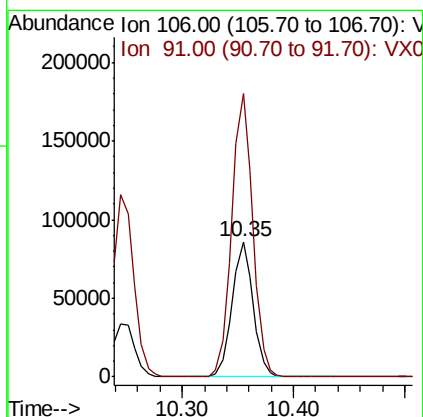
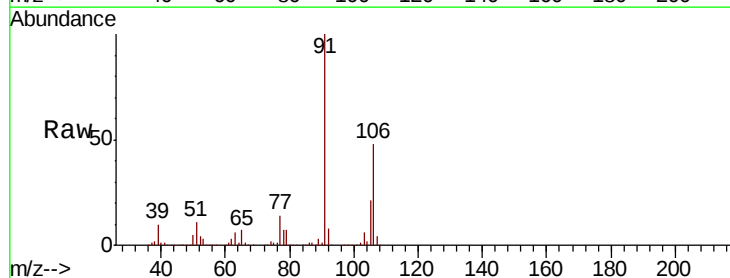
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

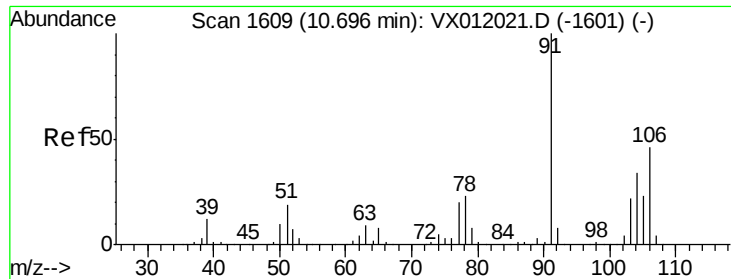
Tgt Ion: 91 Resp: 151290
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.8



#68
m/p-Xylenes
Concen: 40.639 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 106 Resp: 112055
Ion Ratio Lower Upper
106 100
91 209.8 157.5 236.3

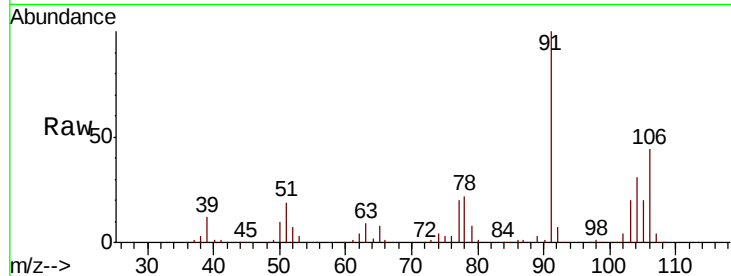




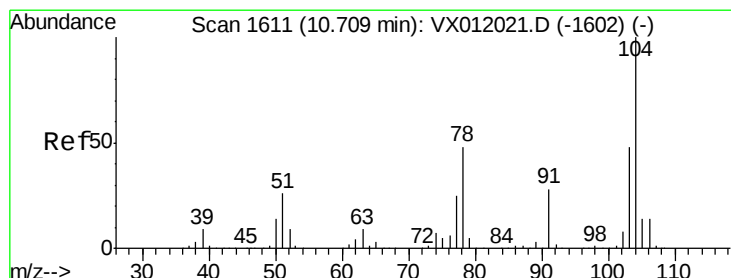
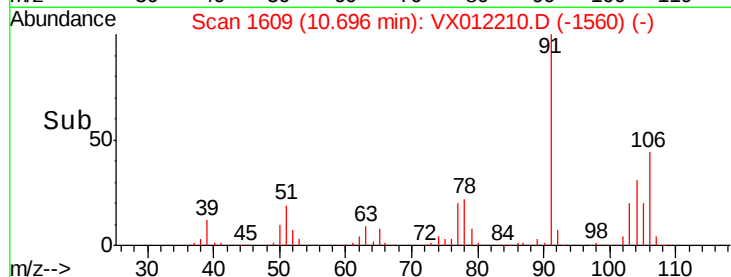
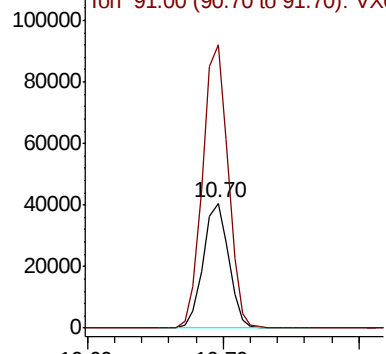
#69
o-Xylene
Concen: 19.901 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion:106 Resp: 53210
Ion Ratio Lower Upper
106 100
91 226.2 103.5 310.3

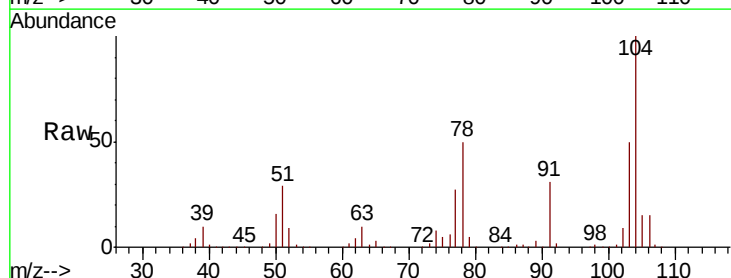


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

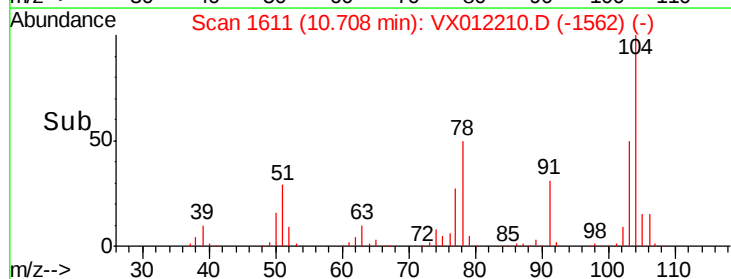
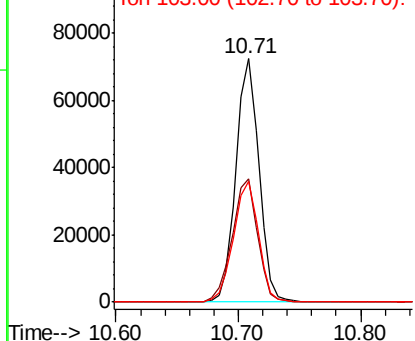


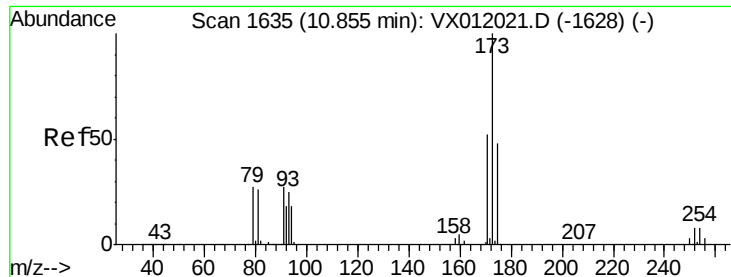
#70
Styrene
Concen: 20.201 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion:104 Resp: 93816
Ion Ratio Lower Upper
104 100
78 56.0 39.1 58.7
103 54.3 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: 18.364 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

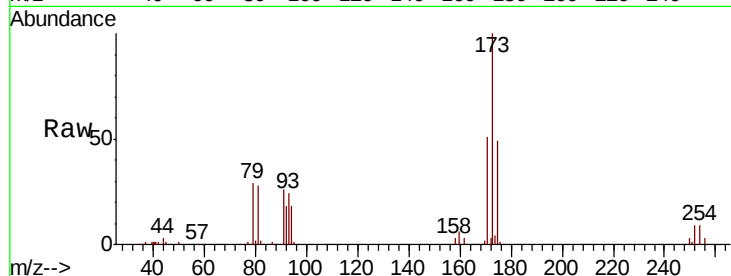
Tgt Ion:173 Resp: 15142

Ion Ratio Lower Upper

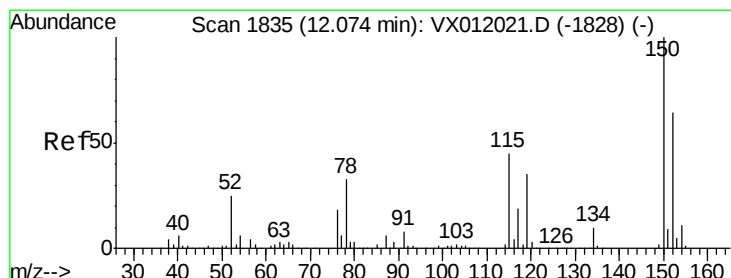
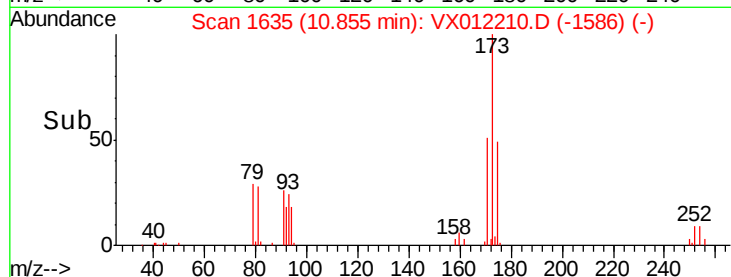
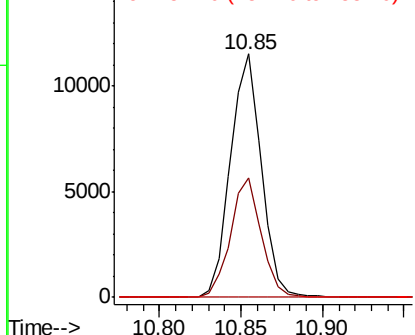
173 100

175 48.5 24.9 74.7

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

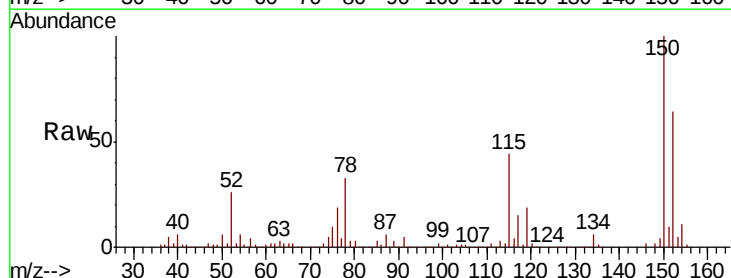
Tgt Ion:152 Resp: 103770

Ion Ratio Lower Upper

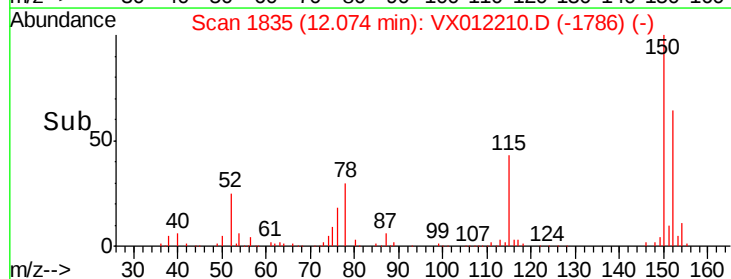
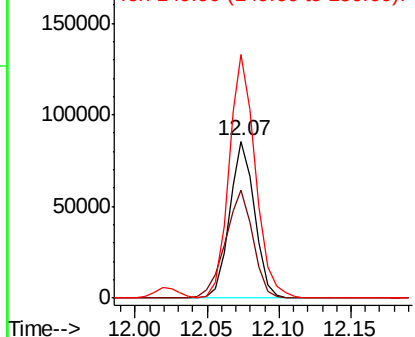
152 100

115 76.6 36.4 109.3

150 163.3 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: 20.585 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

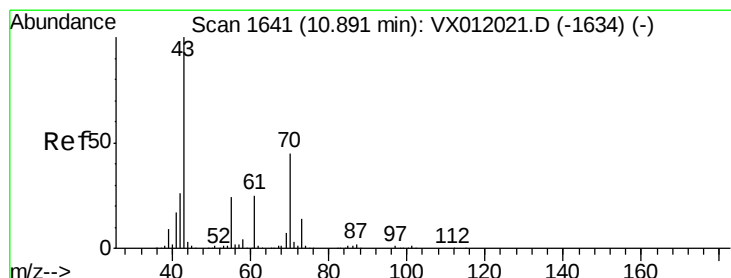
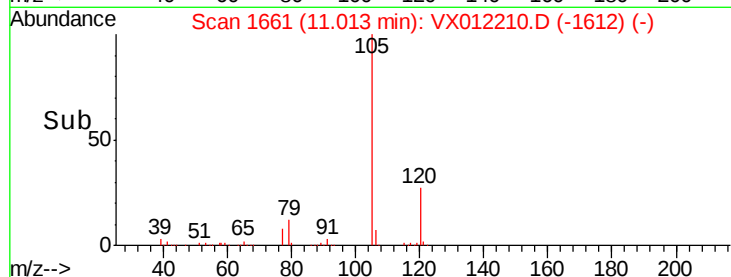
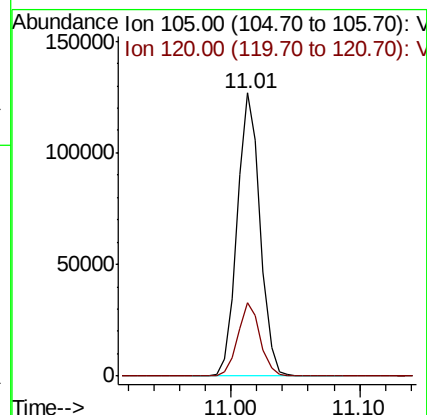
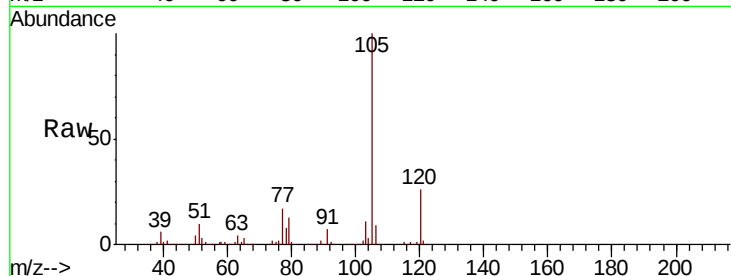
VX0907SBSD03

Tgt Ion: 105 Resp: 156732

Ion Ratio Lower Upper

105 100

120 25.2 13.9 41.6



#74

N-ethyl acetate

Concen: 18.826 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion: 43 Resp: 42379

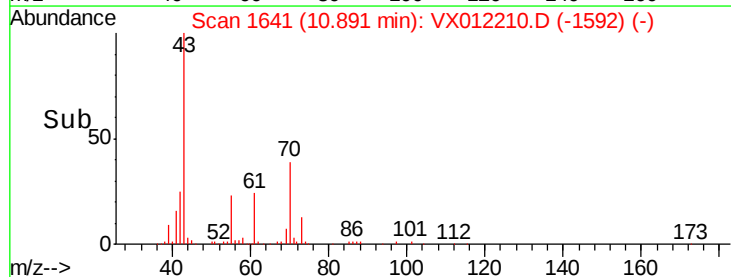
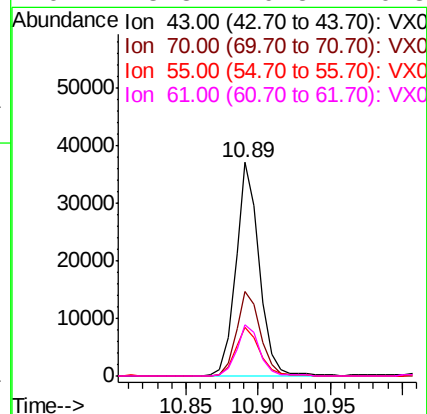
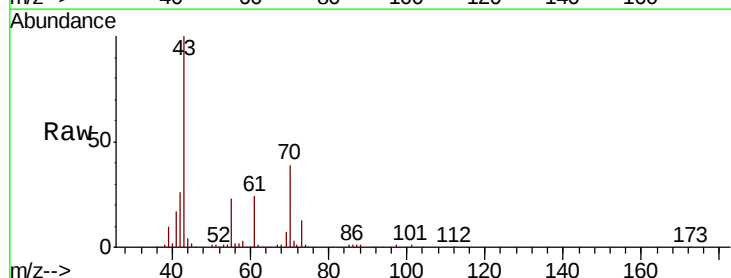
Ion Ratio Lower Upper

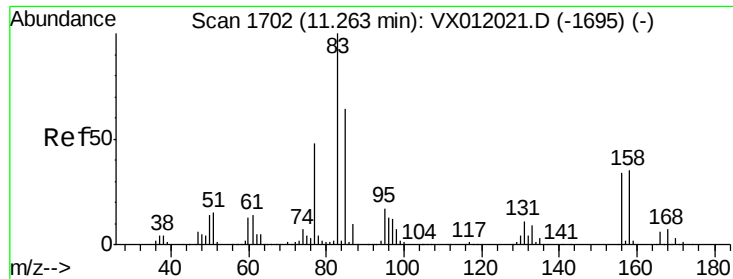
43 100

70 40.6 34.4 51.6

55 24.1 18.5 27.7

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.207 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

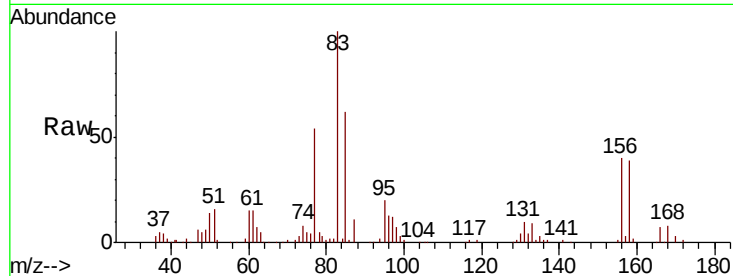
Tgt Ion: 83 Resp: 30487

Ion Ratio Lower Upper

83 100

131 11.0 6.3 19.1

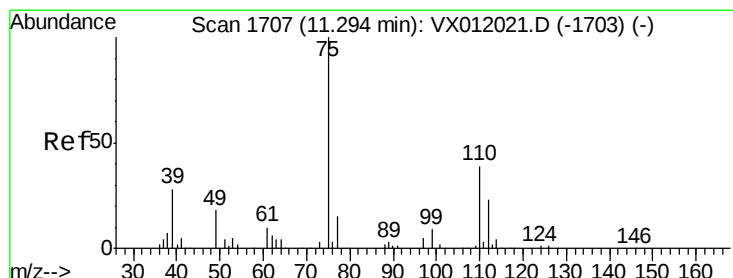
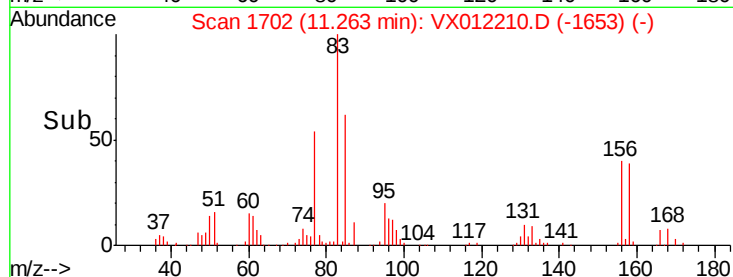
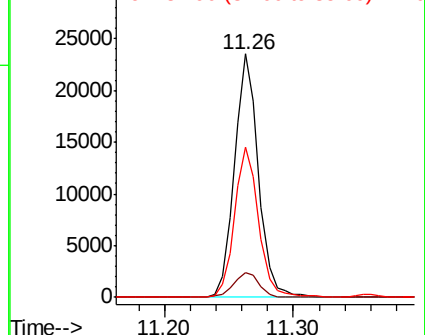
85 62.3 32.5 97.4



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: 25.971 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012210.D

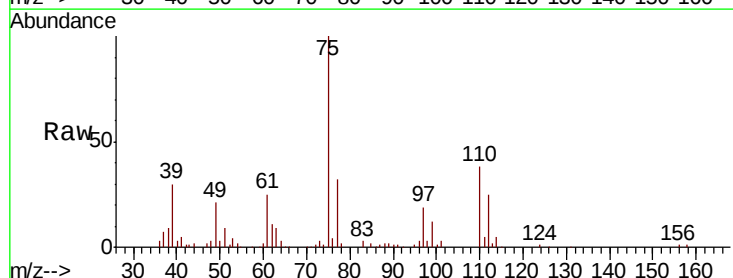
Acq: 08 Sep 2019 09:04

Tgt Ion: 75 Resp: 32929

Ion Ratio Lower Upper

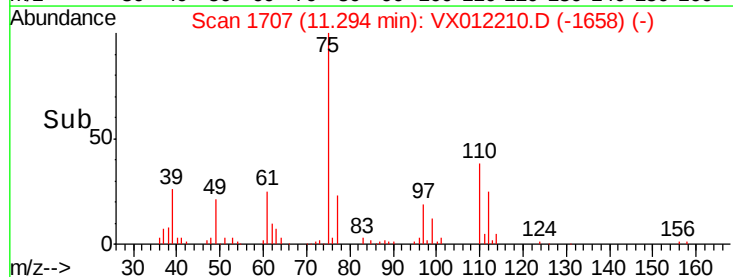
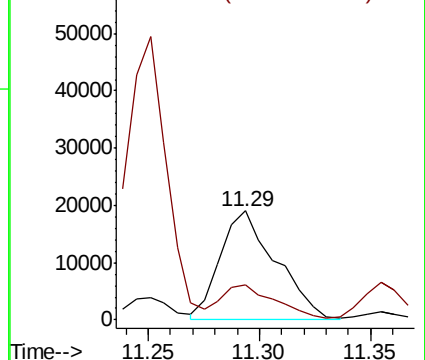
75 100

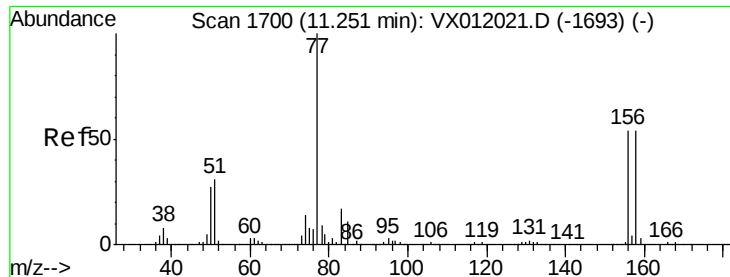
77 31.6 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.802 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

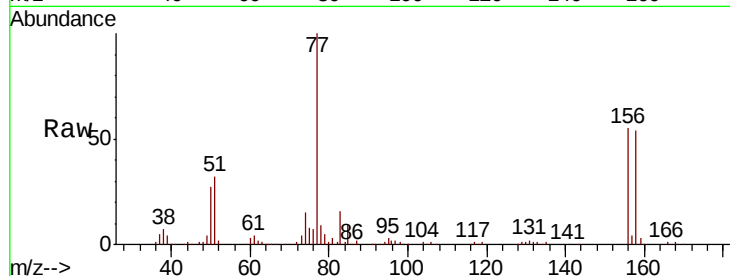
Tgt Ion:156 Resp: 33719

Ion Ratio Lower Upper

156 100

77 185.9 63.4 190.2

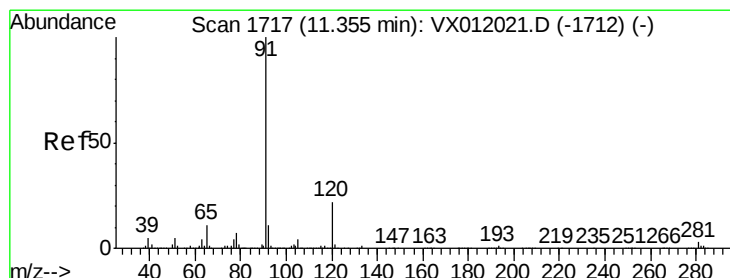
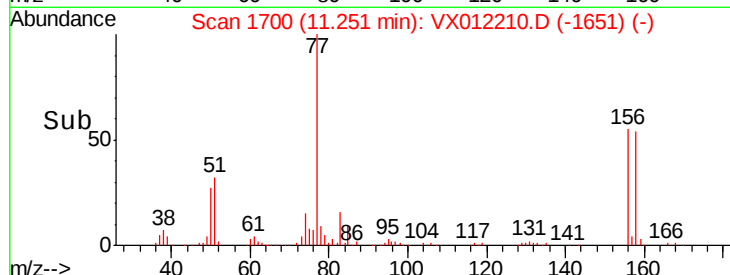
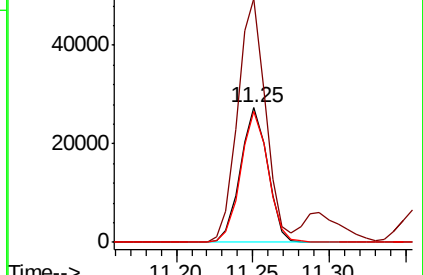
158 98.5 48.9 146.6



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: 20.286 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012210.D

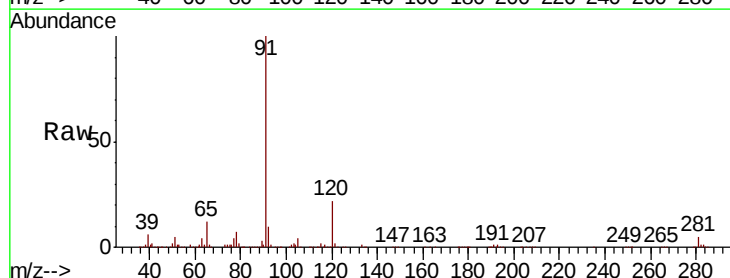
Acq: 08 Sep 2019 09:04

Tgt Ion: 91 Resp: 186595

Ion Ratio Lower Upper

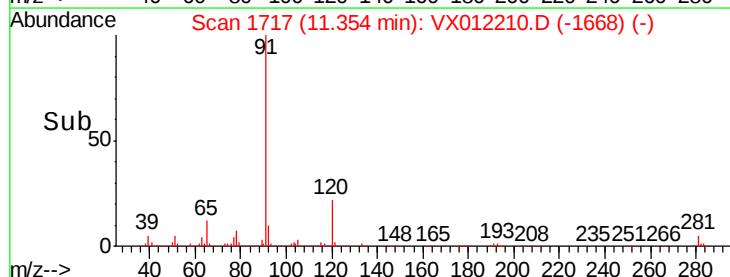
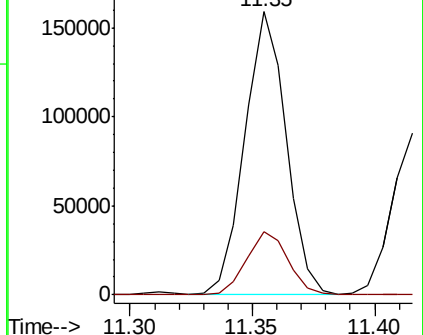
91 100

120 22.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

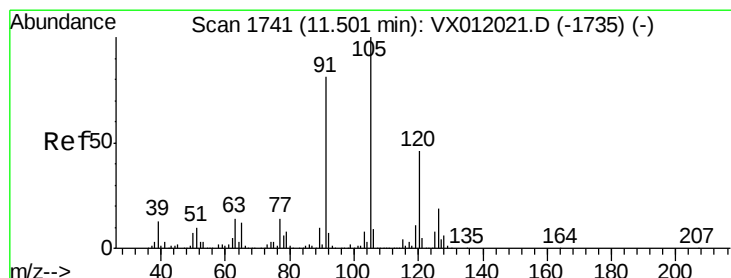
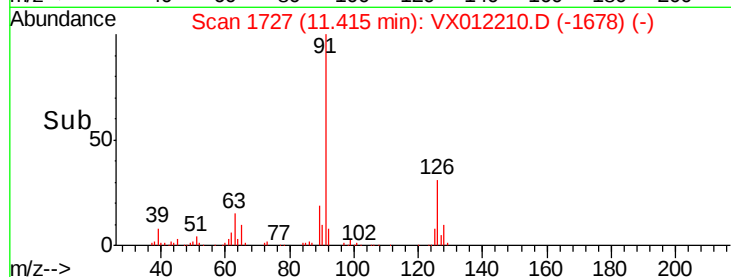
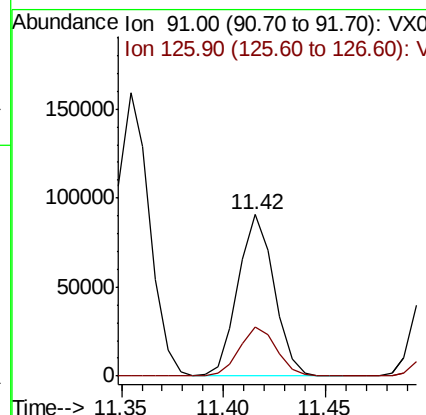
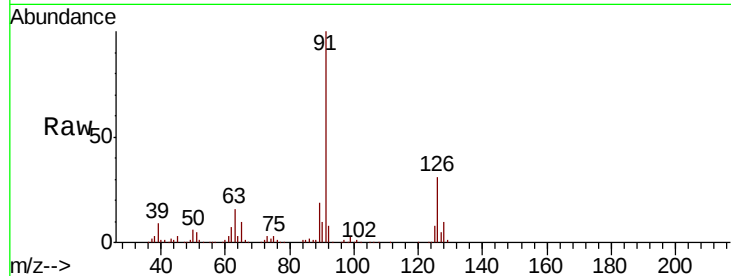




#79
 2-Chlorotoluene
 Concen: 19.943 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

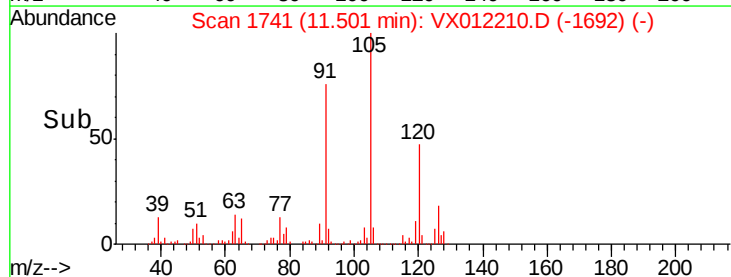
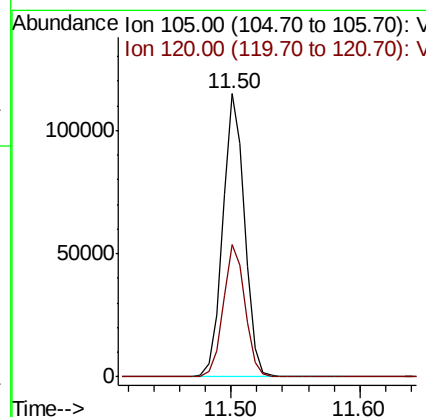
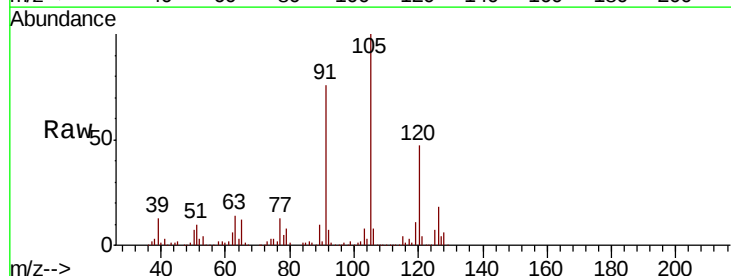
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

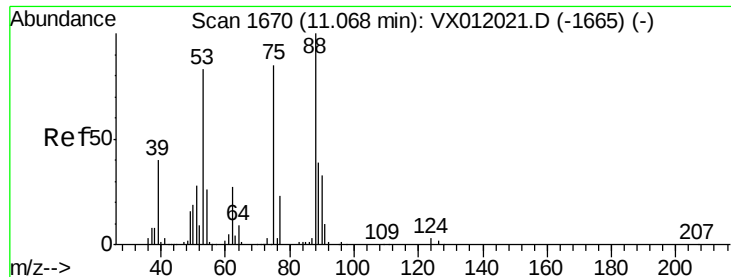
Tgt Ion: 91 Resp: 111133
 Ion Ratio Lower Upper
 91 100
 126 31.5 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.517 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 105 Resp: 136895
 Ion Ratio Lower Upper
 105 100
 120 46.4 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.671 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

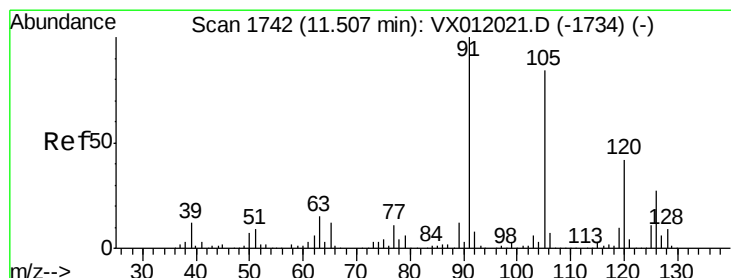
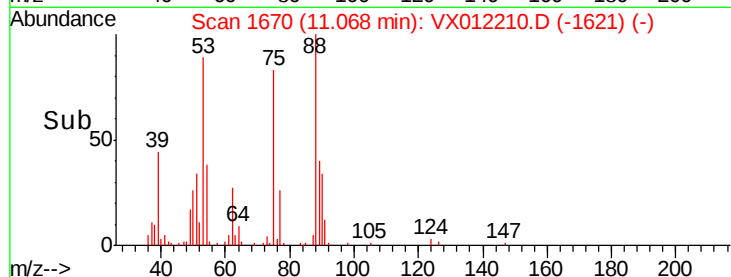
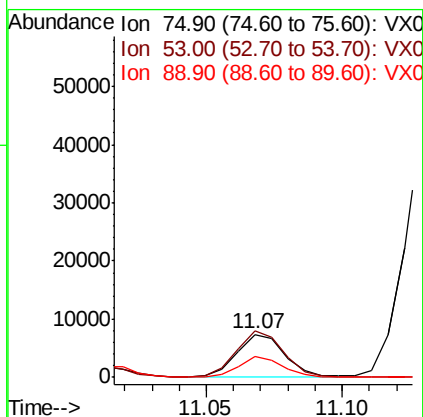
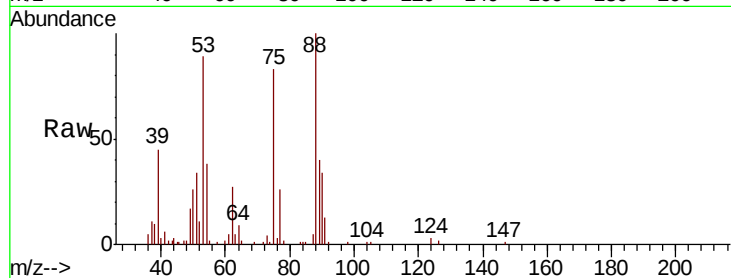
Tgt Ion: 75 Resp: 8941

Ion Ratio Lower Upper

75 100

53 111.0 78.6 117.8

89 45.4 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.419 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012210.D

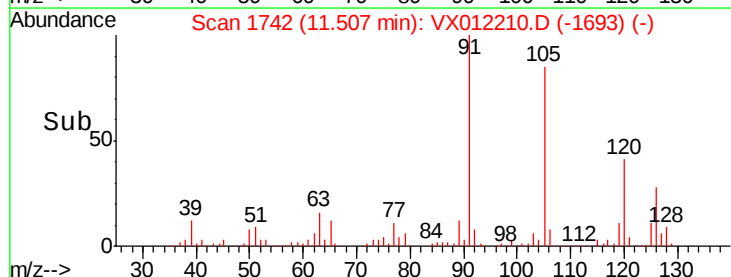
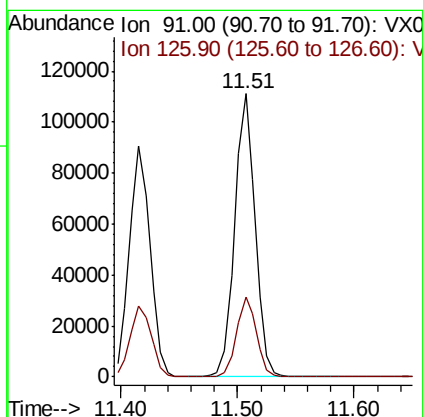
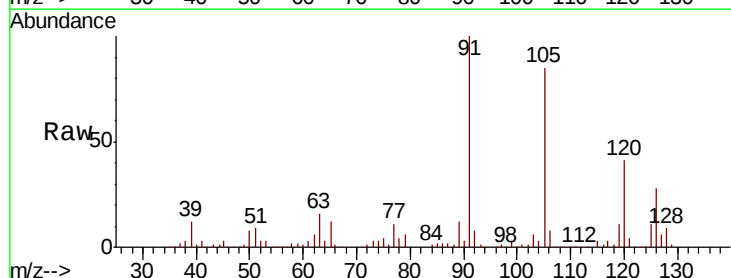
Acq: 08 Sep 2019 09:04

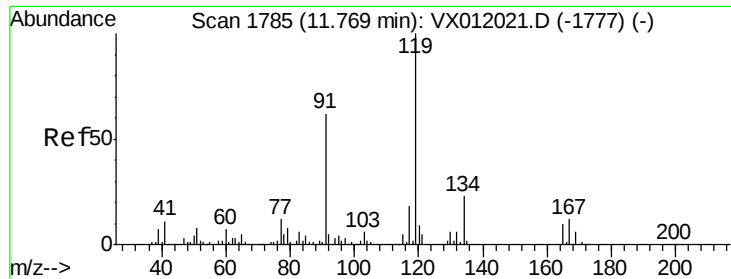
Tgt Ion: 91 Resp: 135620

Ion Ratio Lower Upper

91 100

126 27.6 16.2 48.6

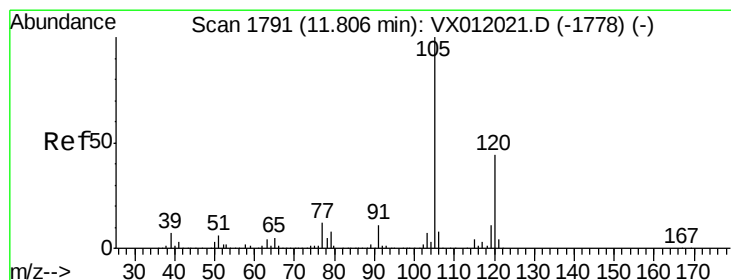
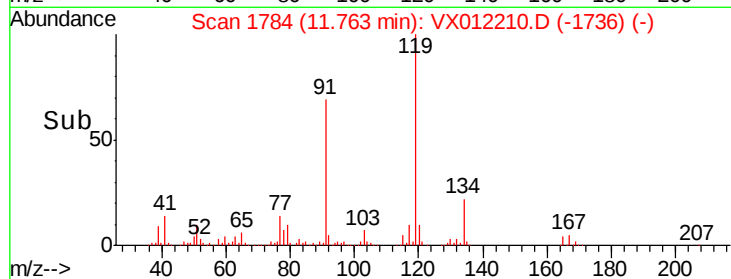
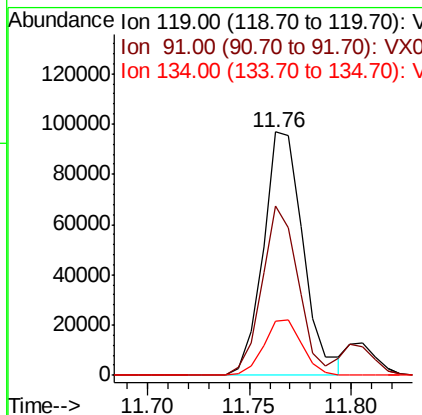
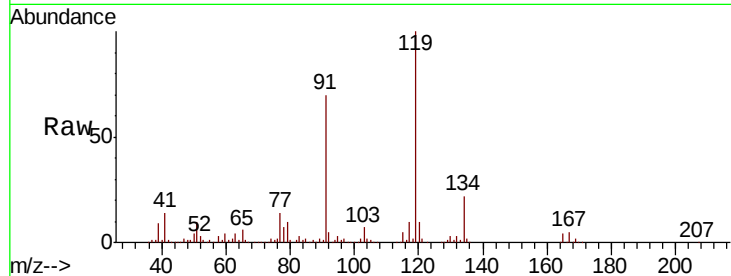




#83
 tert-Butylbenzene
 Concen: 20.759 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

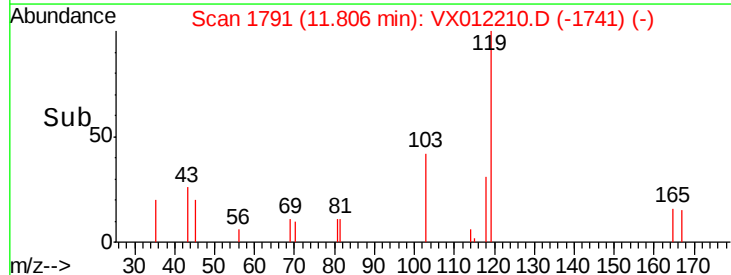
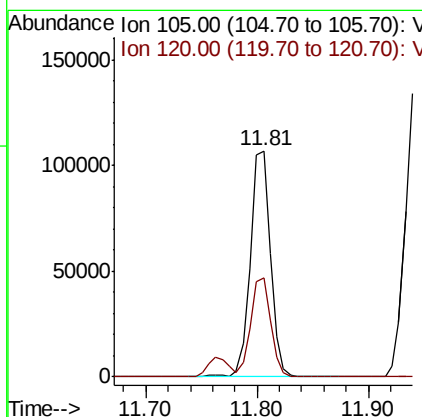
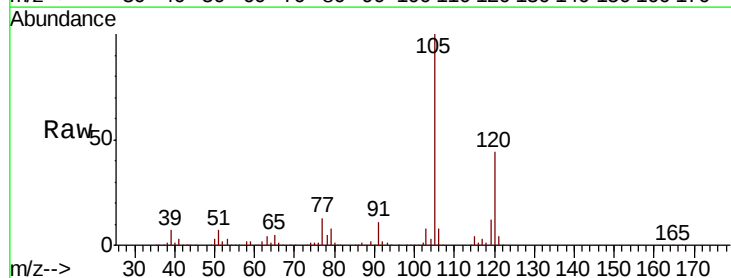
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

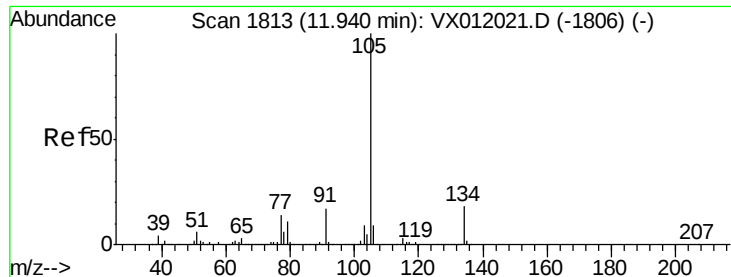
Tgt Ion:119 Resp: 132016
 Ion Ratio Lower Upper
 119 100
 91 63.4 27.1 81.2
 134 21.9 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.618 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion:105 Resp: 134535
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.6 70.8





#85

sec-Butylbenzene

Concen: 20.569 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

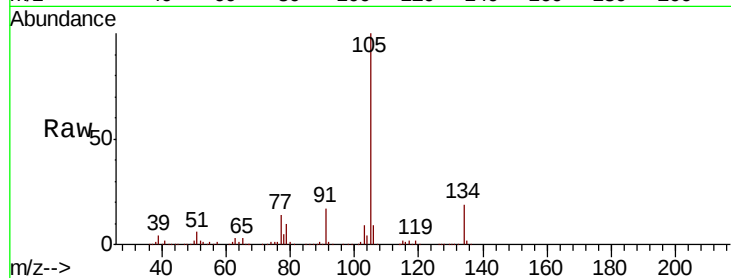
VX0907SBSD03

Tgt Ion:105 Resp: 162472

Ion Ratio Lower Upper

105 100

134 19.4 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

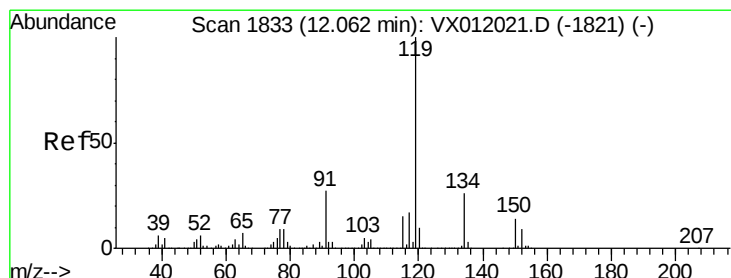
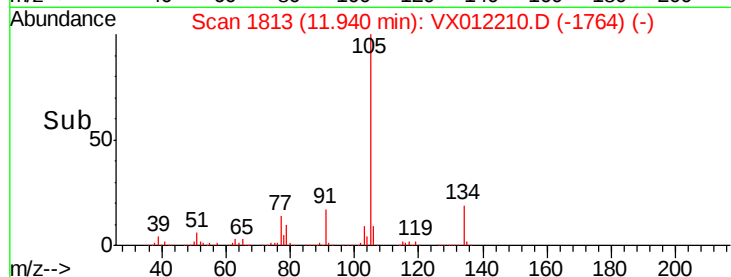
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.388 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

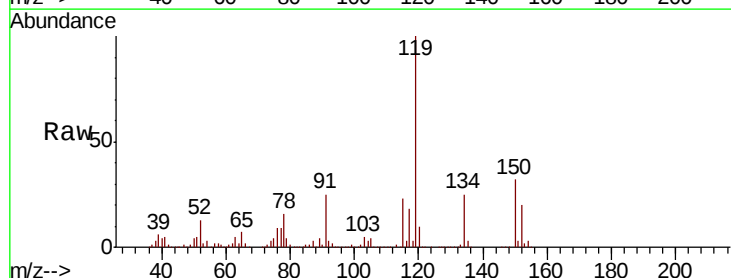
Tgt Ion:119 Resp: 146460

Ion Ratio Lower Upper

119 100

134 25.6 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

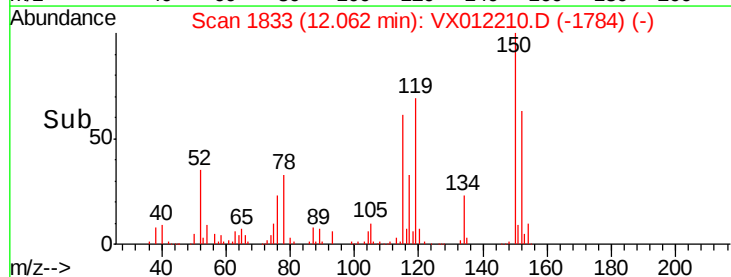
150000

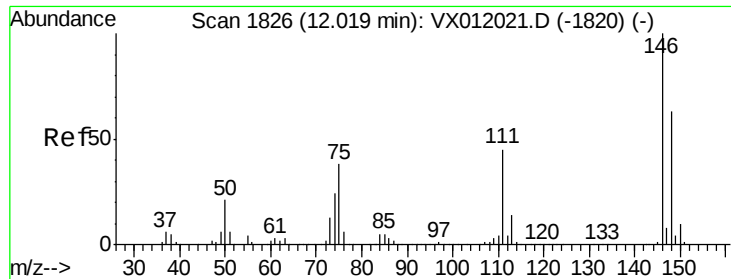
100000

50000

0

Time-->

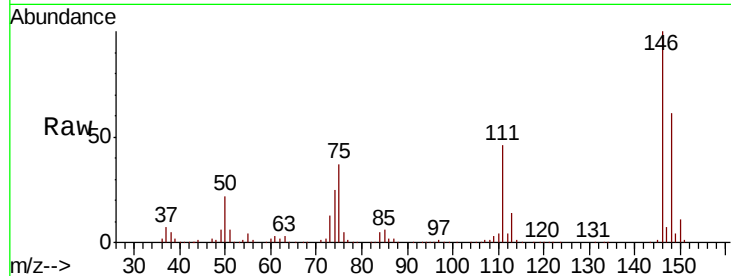




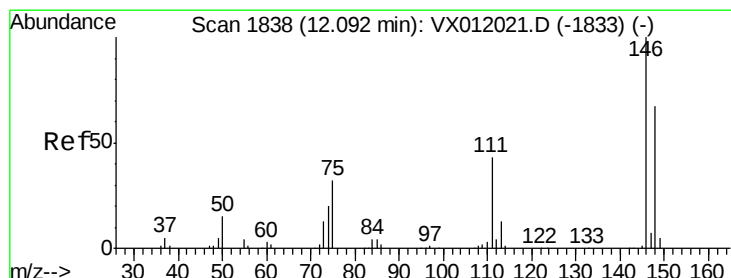
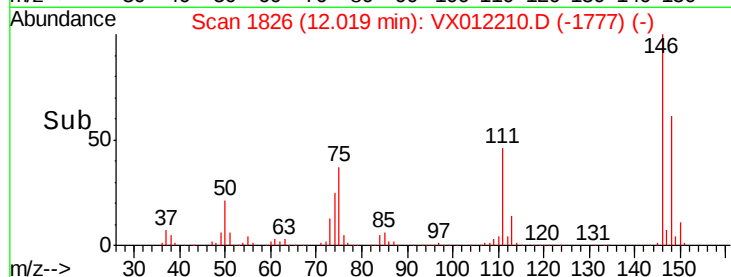
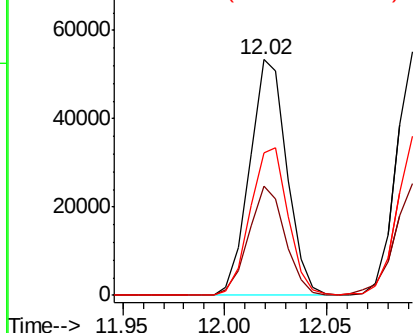
#87
 1,3-Dichlorobenzene
 Concen: 19.902 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tgt Ion:146 Resp: 67910
 Ion Ratio Lower Upper
 146 100
 111 45.3 18.1 54.1
 148 63.8 32.6 97.8

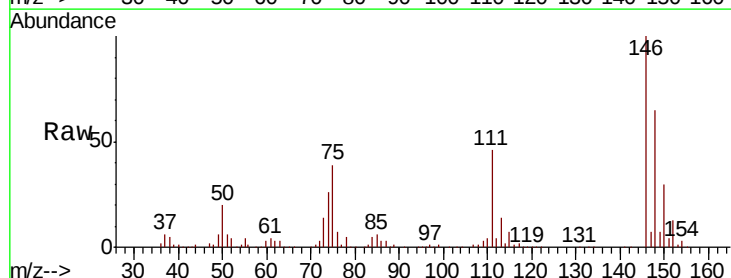


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

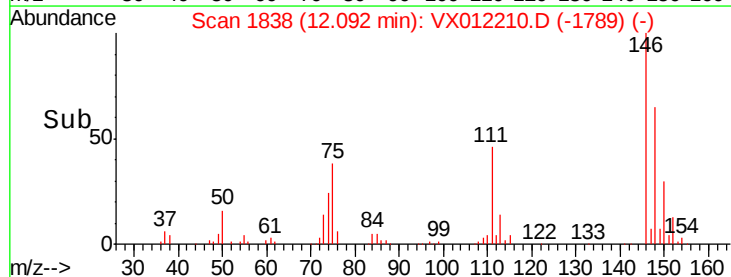
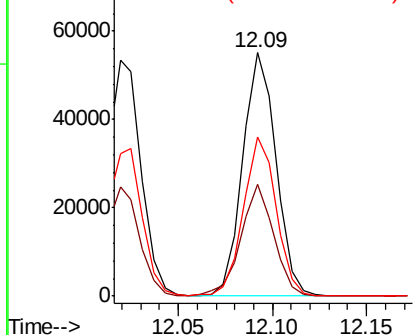


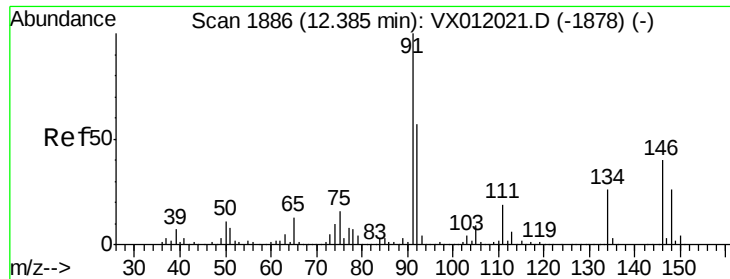
#88
 1,4-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion:146 Resp: 67341
 Ion Ratio Lower Upper
 146 100
 111 45.8 17.7 53.1
 148 65.0 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: 20.432 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

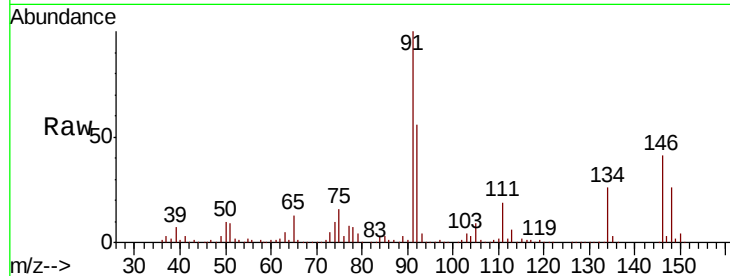
Tgt Ion: 91 Resp: 142580

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

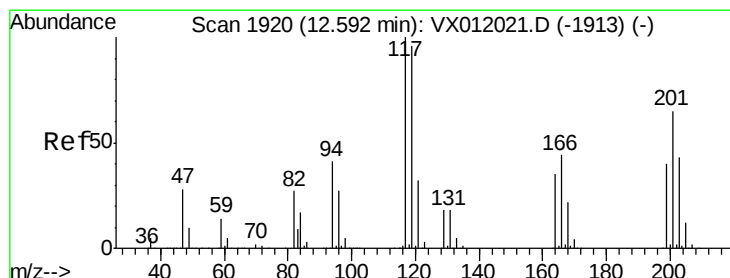
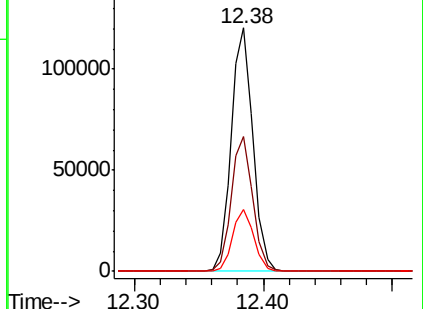
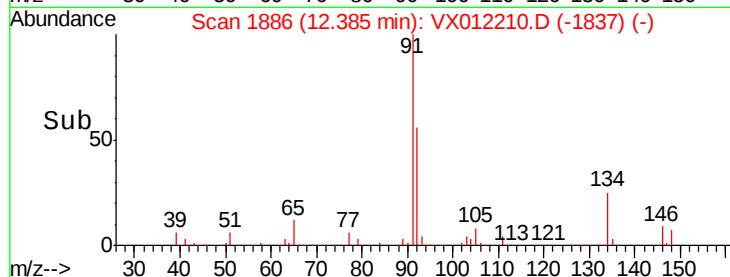
134 25.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX012210.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012210.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012210.D (-1878) (-)



#90

Hexachloroethane

Concen: 18.643 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012210.D

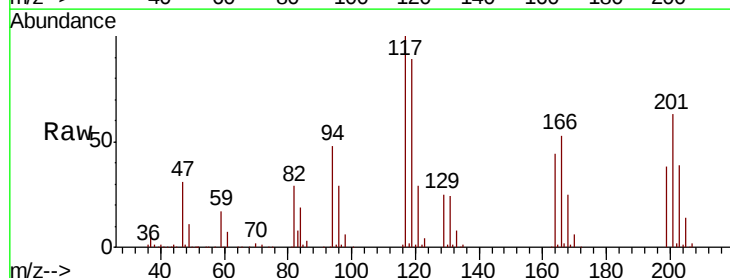
Acq: 08 Sep 2019 09:04

Tgt Ion: 117 Resp: 26740

Ion Ratio Lower Upper

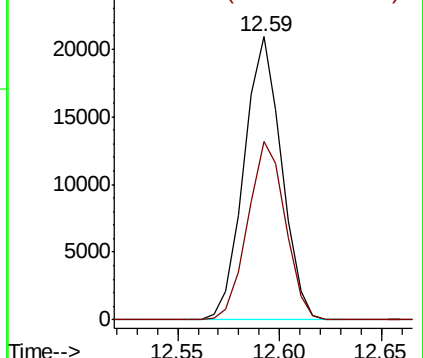
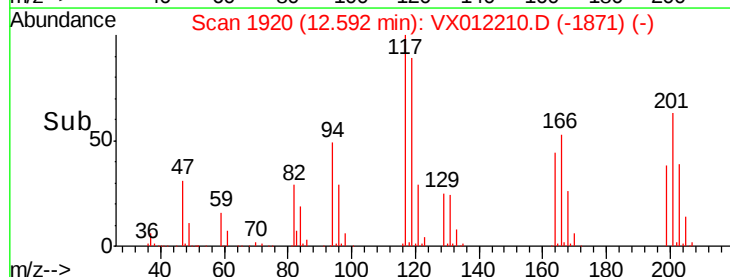
117 100

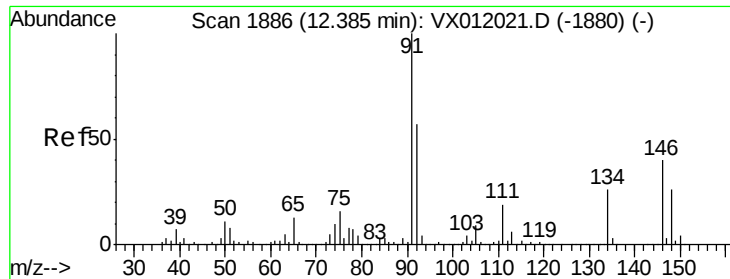
201 63.2 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): VX012210.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012210.D (-1871) (-)

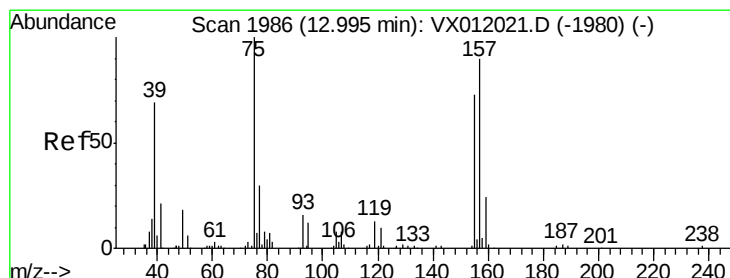
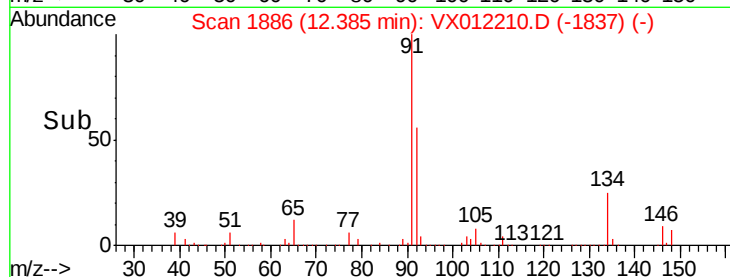
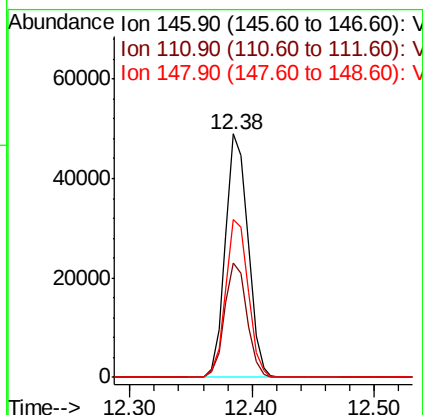
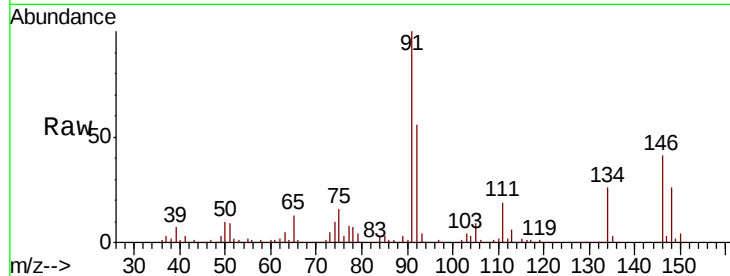




#91
 1,2-Dichlorobenzene
 Concen: 20.386 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

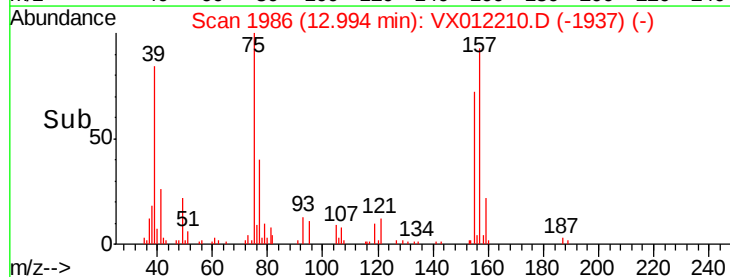
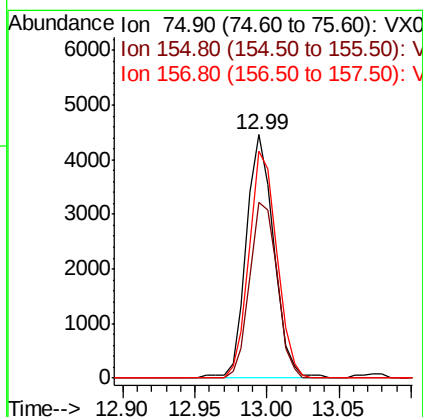
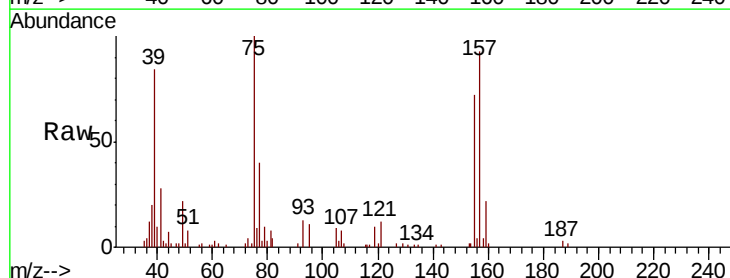
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

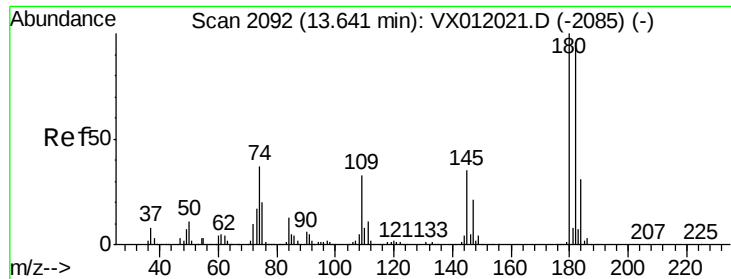
Tgt Ion:146 Resp: 62646
 Ion Ratio Lower Upper
 146 100
 111 46.5 18.6 56.0
 148 64.7 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.712 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 75 Resp: 5883
 Ion Ratio Lower Upper
 75 100
 155 71.7 51.7 155.2
 157 93.5 66.9 200.7

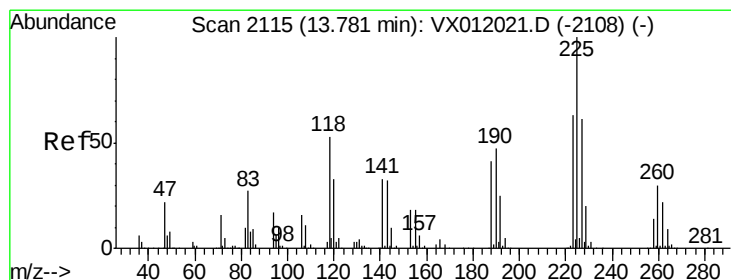
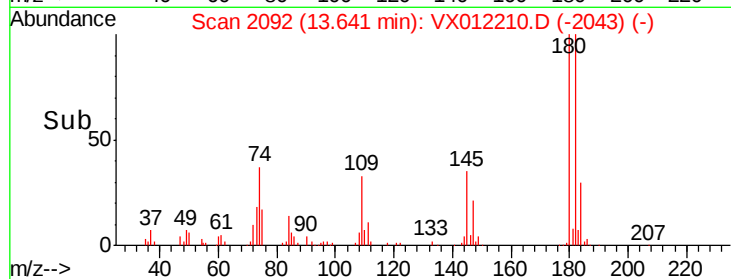
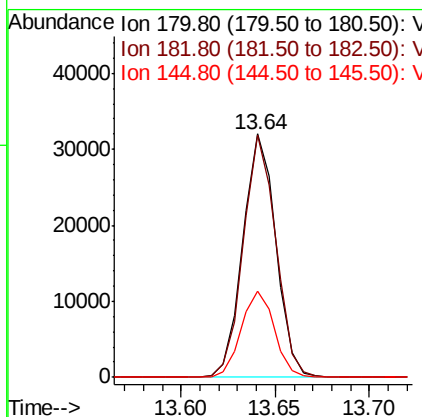
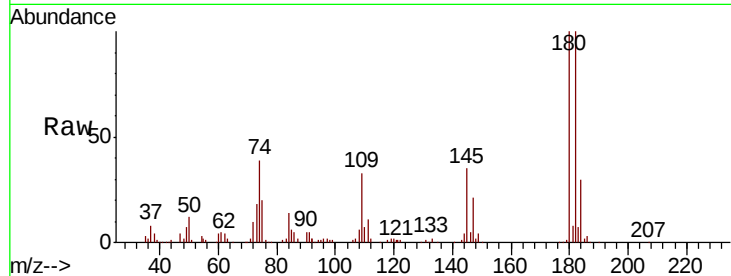




#93
 1,2,4-Trichlorobenzene
 Concen: 17.790 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

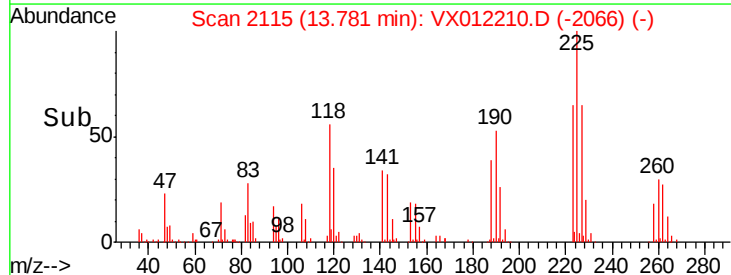
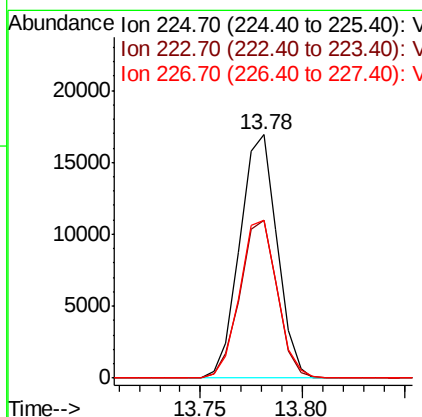
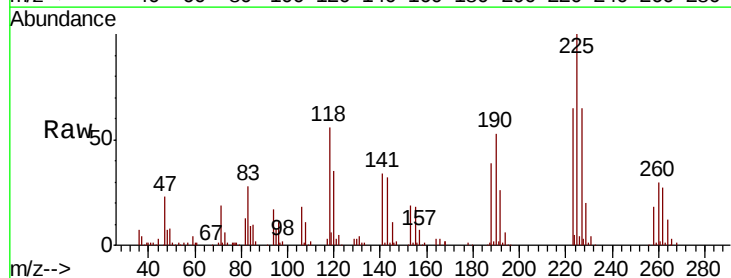
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

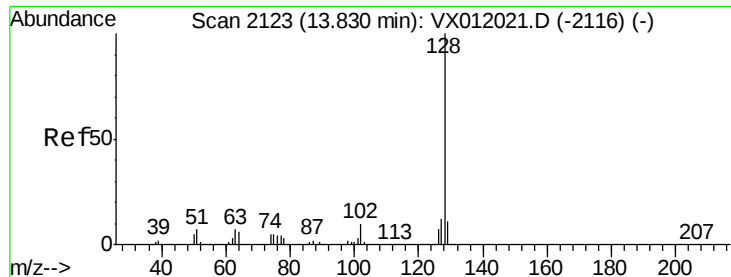
Tgt Ion:180 Resp: 38913
 Ion Ratio Lower Upper
 180 100
 182 98.6 47.3 142.0
 145 35.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 19.533 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion:225 Resp: 21537
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.6 95.0
 227 65.0 32.5 97.5

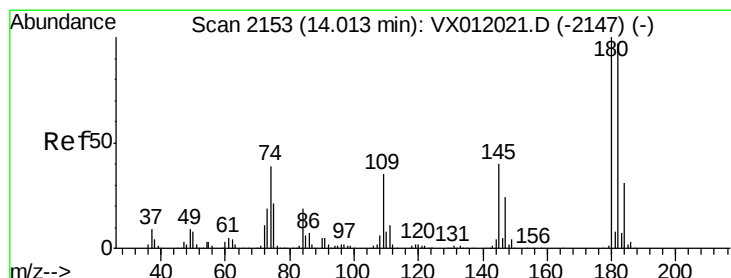
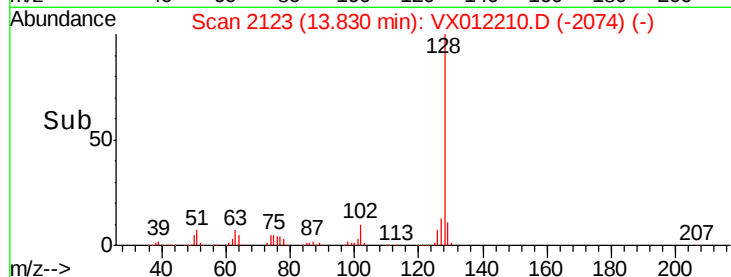
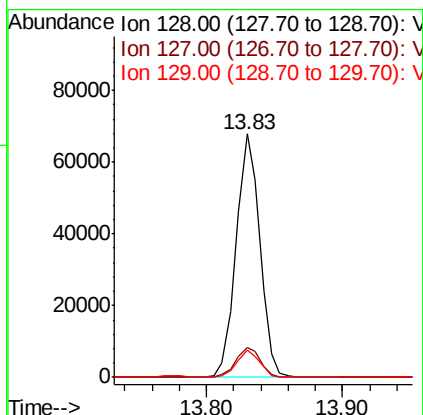
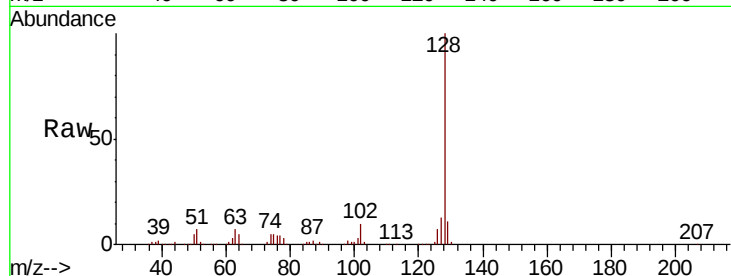




#95
Naphthalene
Concen: 17.381 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tgt Ion:128 Resp: 82280
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.859 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion:180 Resp: 34367
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 37.9 14.1 42.4

