

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032319\
 Data File : VX008351.D
 Acq On : 23 Mar 2019 15:05
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 23 15:26:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154242	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	446838	147.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.14%	
35) Dibromofluoromethane	5.50	113	333690	145.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.34%	
50) Toluene-d8	8.71	98	1314537	150.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.68%	
62) 4-Bromofluorobenzene	11.13	95	506309	168.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	319467	131.059	ug/l	100
3) Chloromethane	1.32	50	463132	151.417	ug/l	99
4) Vinyl Chloride	1.41	62	457915	150.156	ug/l	99
5) Bromomethane	1.64	94	289916	111.603	ug/l	99
6) Chloroethane	1.70	64	272813	142.678	ug/l	98
7) Trichlorofluoromethane	1.91	101	517617	132.999	ug/l	98
8) Diethyl Ether	2.19	74	245636	122.673	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	309286	119.694	ug/l	89
10) Methyl Iodide	2.50	142	432244	131.376	ug/l	98
11) Tert butyl alcohol	3.07	59	505592	779.959	ug/l	100
12) 1,1-Dichloroethene	2.36	96	324753	133.123	ug/l	90
13) Acrolein	2.29	56	408994	827.785	ug/l	99
14) Allyl chloride	2.72	41	742019	139.728	ug/l	96
15) Acrylonitrile	3.15	53	1248089	727.928	ug/l	99
16) Acetone	2.45	43	1068927	622.410	ug/l	98
17) Carbon Disulfide	2.56	76	999070	127.001	ug/l	100
18) Methyl Acetate	2.78	43	539281	135.636	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1194060	135.373	ug/l	97
20) Methylene Chloride	2.85	84	379491	132.513	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	346680	131.547	ug/l	92
22) Diisopropyl ether	3.86	45	1415782	136.125	ug/l	94
23) Vinyl Acetate	3.82	43	6386576	716.230	ug/l	98
24) 1,1-Dichloroethane	3.69	63	714724	133.611	ug/l	98
25) 2-Butanone	4.68	43	1822350	718.841	ug/l	97
26) 2,2-Dichloropropane	4.58	77	497734	123.516	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	402894	134.105	ug/l	90
28) Bromochloromethane	5.02	49	341482	142.165	ug/l #	79
29) Tetrahydrofuran	5.13	42	1206286	761.168	ug/l	95
30) Chloroform	5.21	83	646173	129.138	ug/l	100
31) Cyclohexane	5.57	56	677640	134.904	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	537972	129.245	ug/l	96
36) 1,1-Dichloropropene	5.80	75	516189	129.126	ug/l	96
37) Ethyl Acetate	4.84	43	703654	148.904	ug/l	98
38) Carbon Tetrachloride	5.78	117	446371	125.320	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	627424	130.424	ug/l	92
40) Benzene	6.14	78	1541051	130.245	ug/l	100
41) Methacrylonitrile	5.05	41	399614	150.758	ug/l	95
42) 1,2-Dichloroethane	6.19	62	547329	126.276	ug/l	96
43) Isopropyl Acetate	6.45	43	1133113	149.596	ug/l	97
44) Trichloroethene	7.21	130	357786	123.671	ug/l	88
45) 1,2-Dichloropropane	7.51	63	441531	133.303	ug/l	99
46) Dibromomethane	7.66	93	259140	129.218	ug/l #	85
47) Bromodichloromethane	7.90	83	522434	136.694	ug/l	99
48) Methyl methacrylate	7.77	41	573683	142.442	ug/l	94
49) 1,4-Dioxane	7.74	88	211308	2973.174	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	3649674	745.309	ug/l	99
52) Toluene	8.79	92	922368	131.401	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	618004	144.488	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	667974	140.826	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	379084	133.665	ug/l	97
56) Ethyl methacrylate	9.18	69	729182	160.731	ug/l	92
57) 1,3-Dichloropropane	9.37	76	679389	135.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1907343	820.823	ug/l	93
59) 2-Hexanone	9.49	43	2846123	754.942	ug/l	97
60) Dibromochloromethane	9.59	129	390745	143.360	ug/l	99
61) 1,2-Dibromoethane	9.67	107	398140	134.446	ug/l	98
64) Tetrachloroethene	9.34	164	290861	102.797	ug/l	96
65) Chlorobenzene	10.14	112	955443	123.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	348096	129.374	ug/l	98
67) Ethyl Benzene	10.25	91	1805266	132.750	ug/l	97
68) m/p-Xylenes	10.36	106	1322399	264.722	ug/l	94
69) o-Xylene	10.70	106	646601	133.208	ug/l	94
70) Styrene	10.71	104	1157010	146.667	ug/l	97
71) Bromoform	10.85	173	297706	145.459	ug/l #	100
73) Isopropylbenzene	11.02	105	1694821	123.274	ug/l	98
74) N-amyl acetate	10.90	43	1074707	149.199	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	669928	135.891	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	798905	184.155	ug/l	89
77) Bromobenzene	11.26	156	407251	122.514	ug/l	79
78) n-propylbenzene	11.36	91	2040647	127.794	ug/l	95
79) 2-Chlorotoluene	11.42	91	1194723	124.655	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	1475052	129.864	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	245089	161.595	ug/l	98
82) 4-Chlorotoluene	11.51	91	1434578	128.629	ug/l	95
83) tert-Butylbenzene	11.77	119	1428716	131.749	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1488336	129.253	ug/l	98
85) sec-Butylbenzene	11.94	105	1686132	125.557	ug/l	96
86) p-Isopropyltoluene	12.06	119	1539173	132.409	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	748031	125.917	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	751387	122.279	ug/l	97
89) n-Butylbenzene	12.39	91	1527055	139.964	ug/l	98
90) Hexachloroethane	12.60	117	268266	135.505	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	749752	125.169	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	154873	141.440	ug/l	78

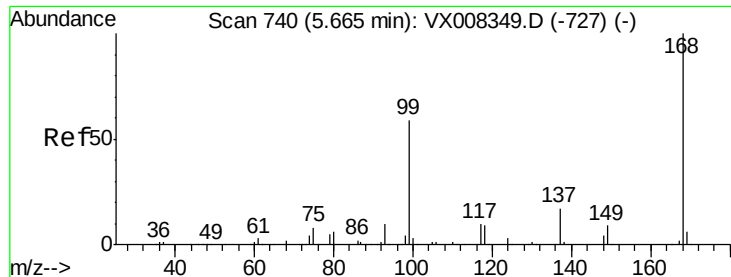
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 14:52:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	529674	134.248	ug/l	98
94) Hexachlorobutadiene	13.78	225	244928	127.285	ug/l	99
95) Naphthalene	13.83	128	1785311	143.367	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	516687	133.089	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

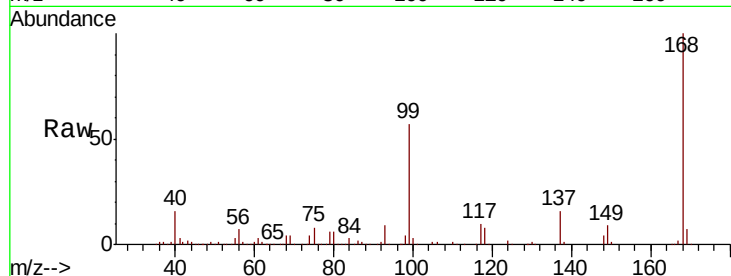
VSTDIC150

Tgt Ion:168 Resp: 201054

Ion Ratio Lower Upper

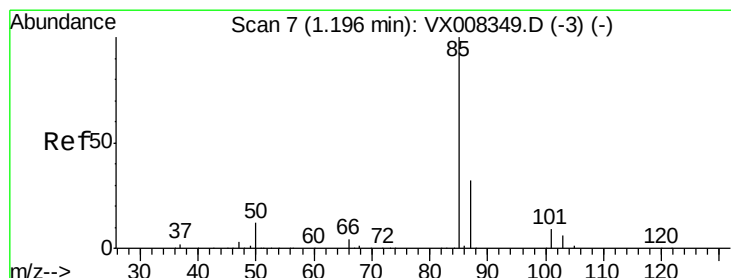
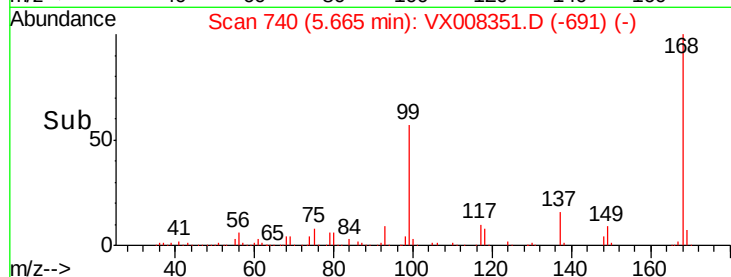
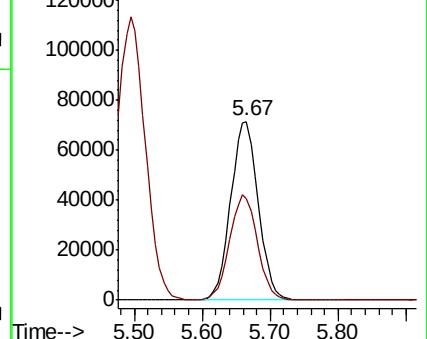
168 100

99 56.5 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: 131.059 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008351.D

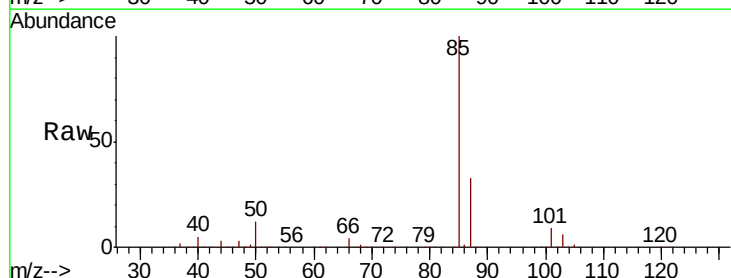
Acq: 23 Mar 2019 15:05

Tgt Ion: 85 Resp: 319467

Ion Ratio Lower Upper

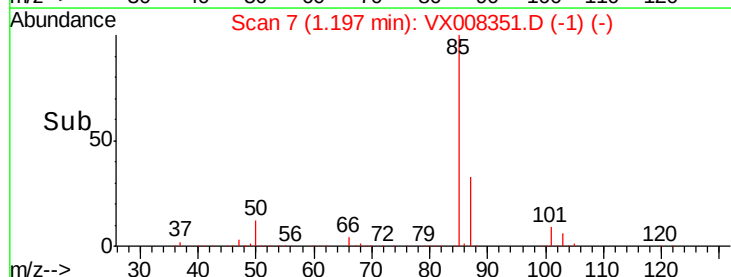
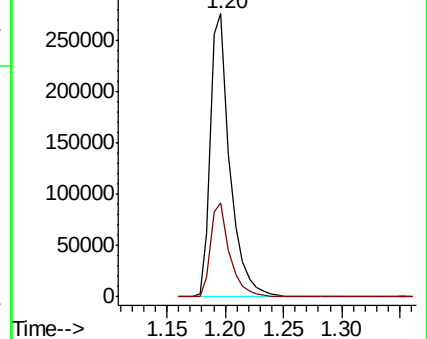
85 100

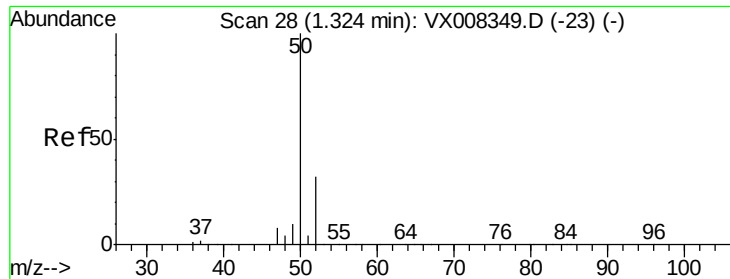
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

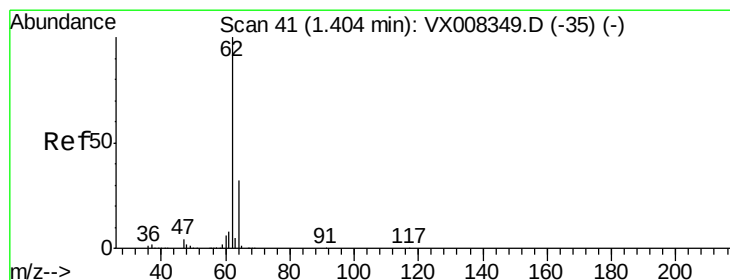
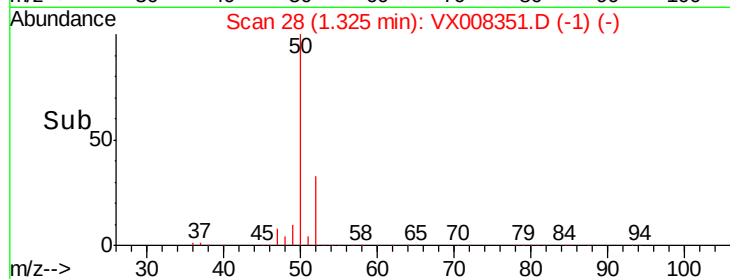
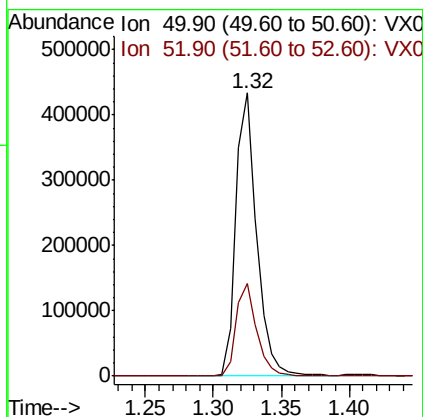
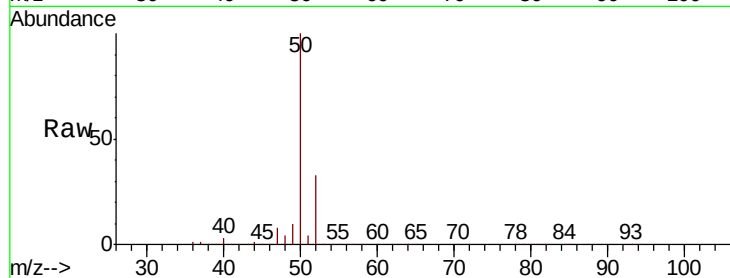




#3
Chloromethane
Concen: 151.417 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

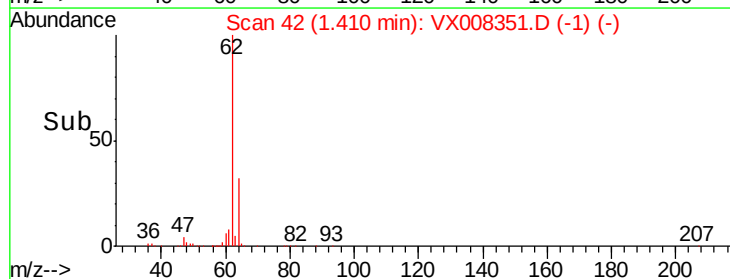
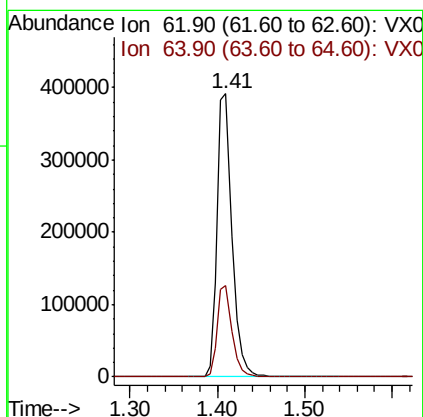
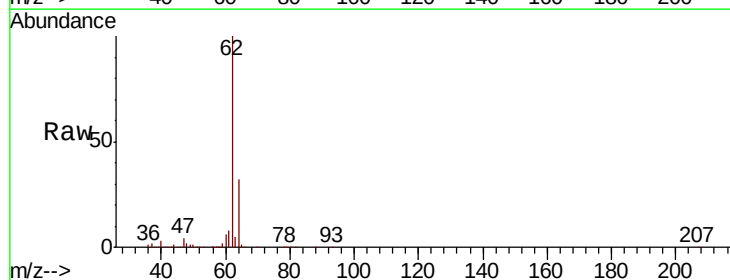
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

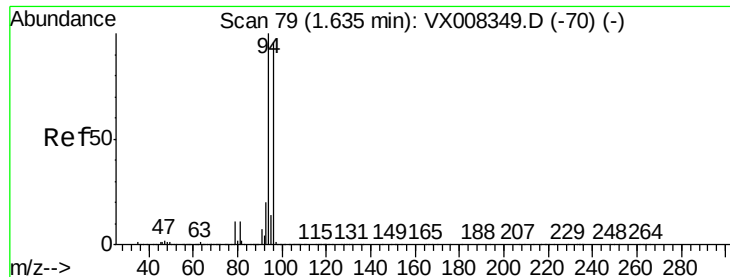
Tgt Ion: 50 Resp: 463132
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



#4
Vinyl Chloride
Concen: 150.156 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 62 Resp: 457915
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5

Bromomethane

Concen: 111.603 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

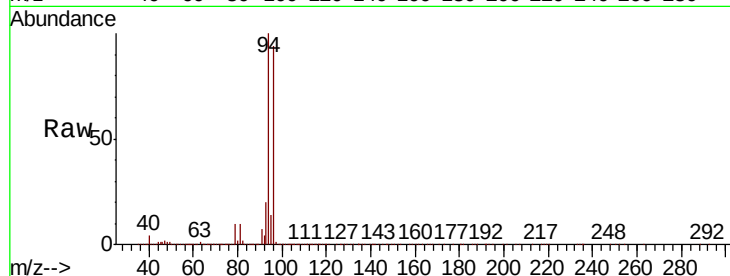
VSTDIC150

Tgt Ion: 94 Resp: 289916

Ion Ratio Lower Upper

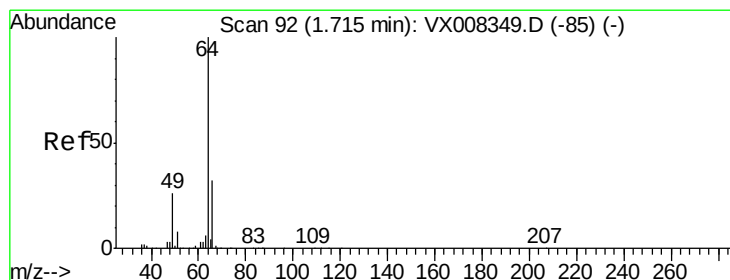
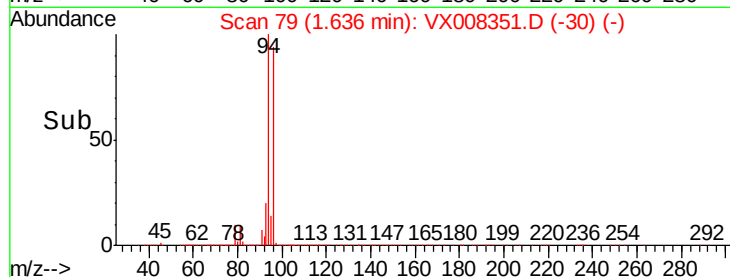
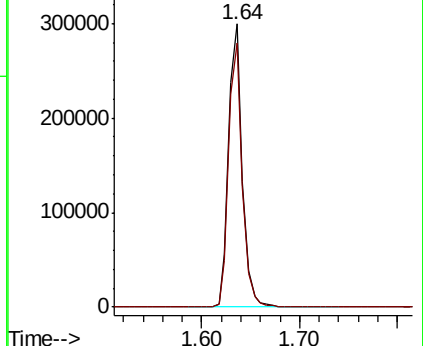
94 100

96 93.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 142.678 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008351.D

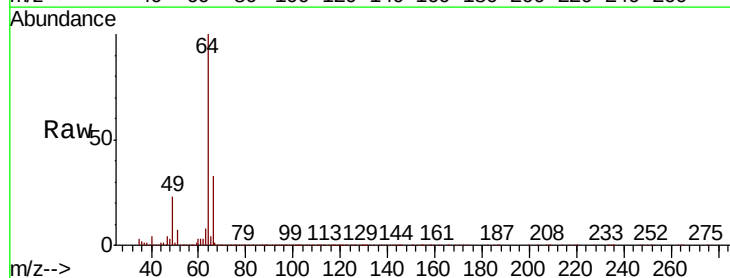
Acq: 23 Mar 2019 15:05

Tgt Ion: 64 Resp: 272813

Ion Ratio Lower Upper

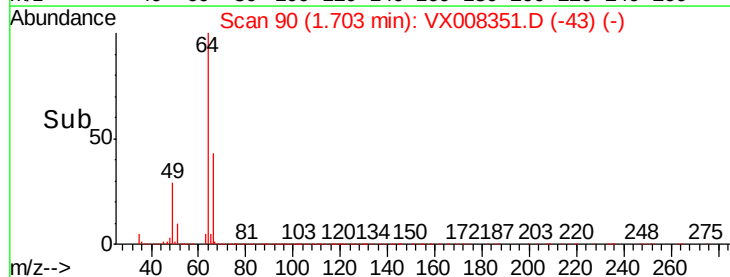
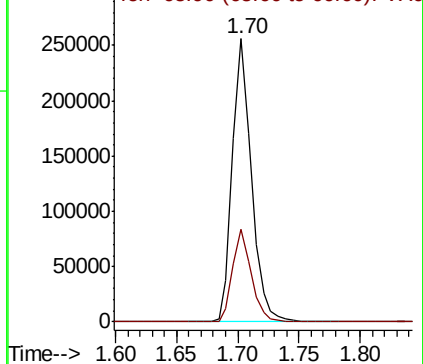
64 100

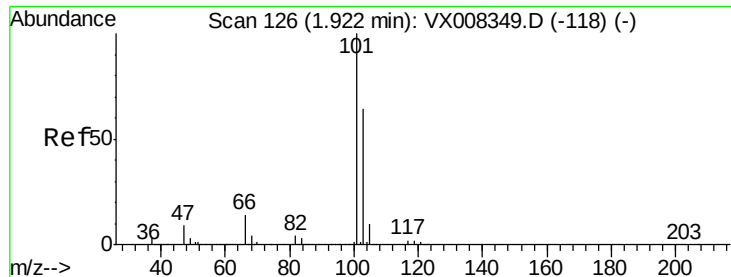
66 32.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



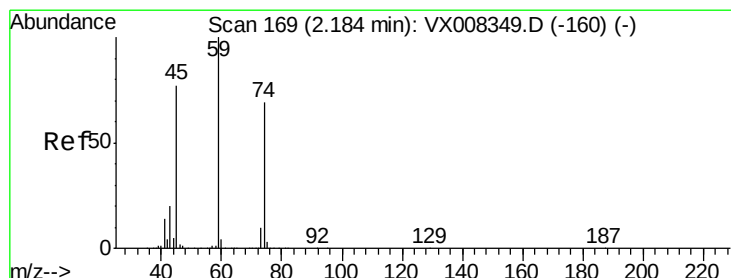
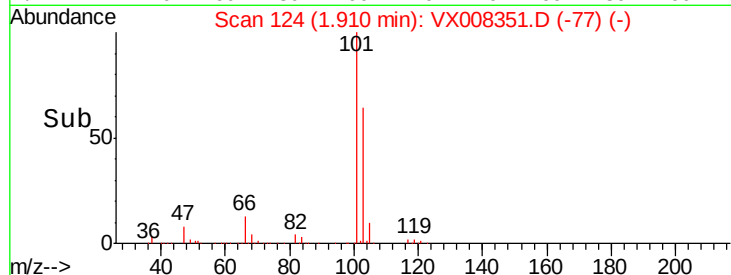
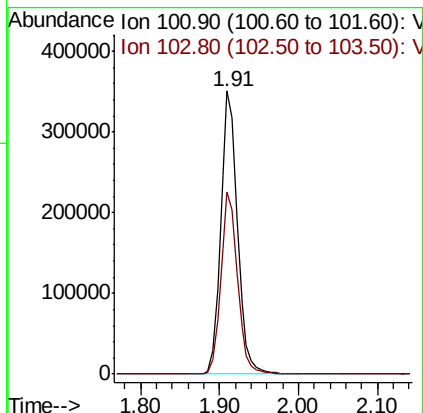
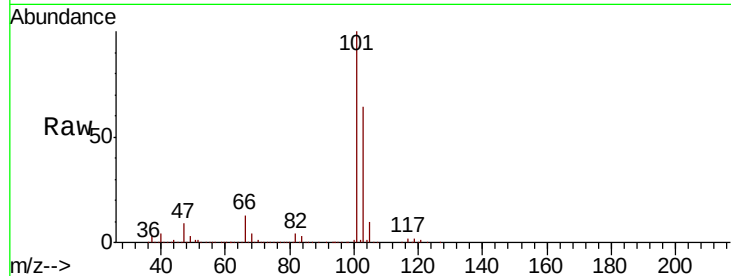


#7

Trichlorofluoromethane
 Concen: 132.999 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

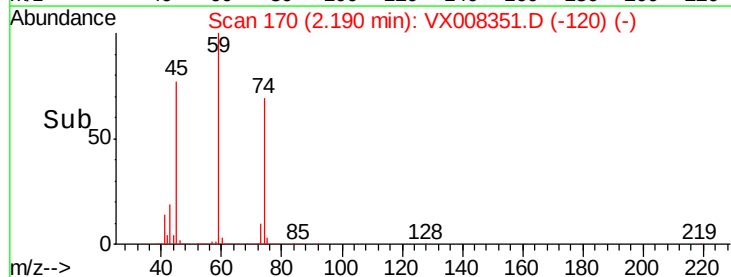
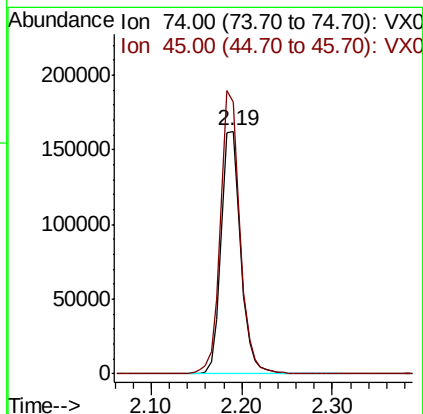
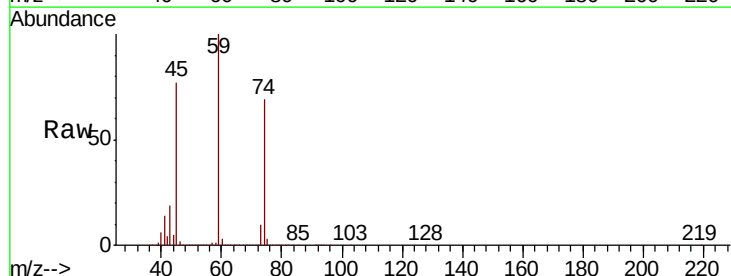
Tgt Ion:101 Resp: 517617
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.4 75.6

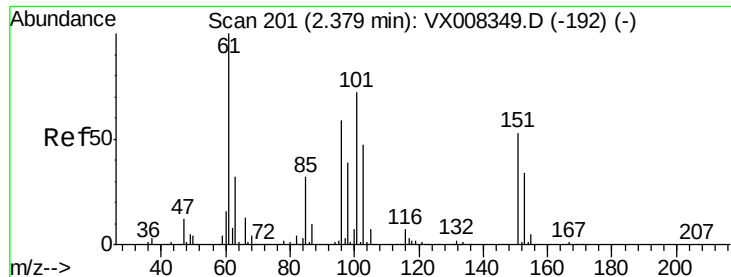


#8

Diethyl Ether
 Concen: 122.673 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 74 Resp: 245636
 Ion Ratio Lower Upper
 74 100
 45 116.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 119.694 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

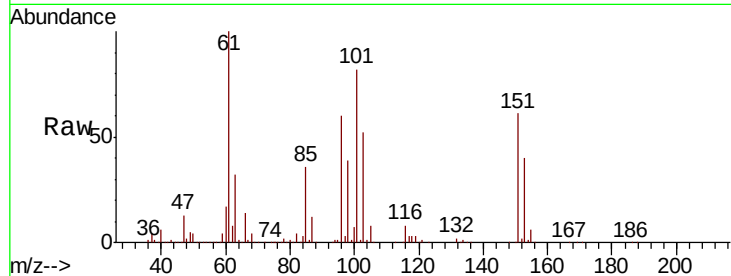
Tgt Ion:101 Resp: 309286

Ion Ratio Lower Upper

101 100

85 44.4 33.8 50.6

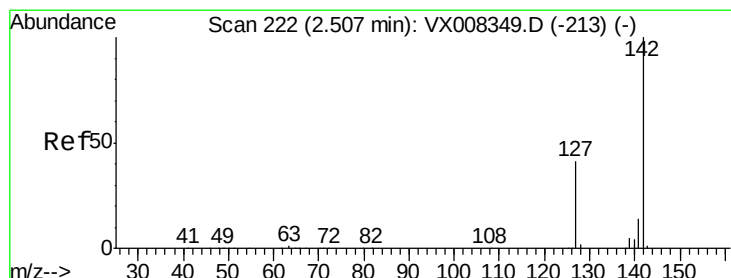
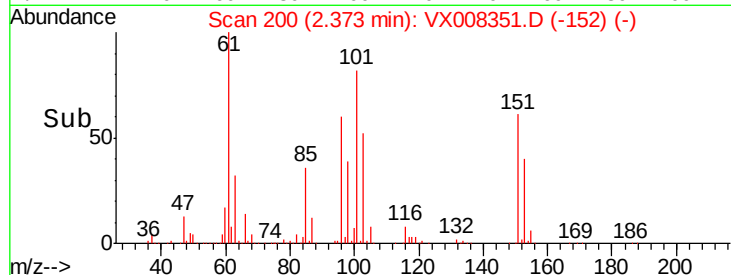
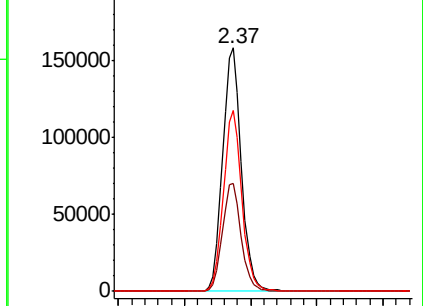
151 73.5 69.1 103.7



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: 131.376 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

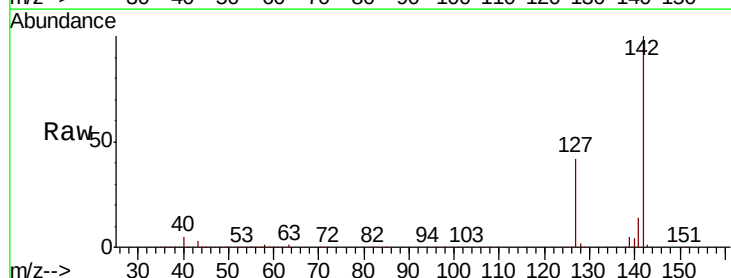
Tgt Ion:142 Resp: 432244

Ion Ratio Lower Upper

142 100

127 41.8 32.1 48.1

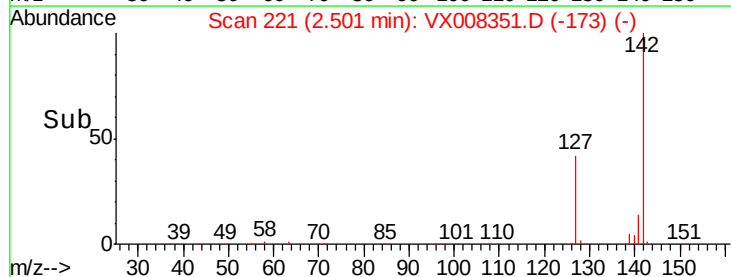
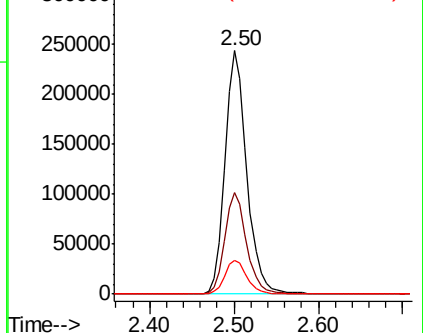
141 14.2 11.4 17.2

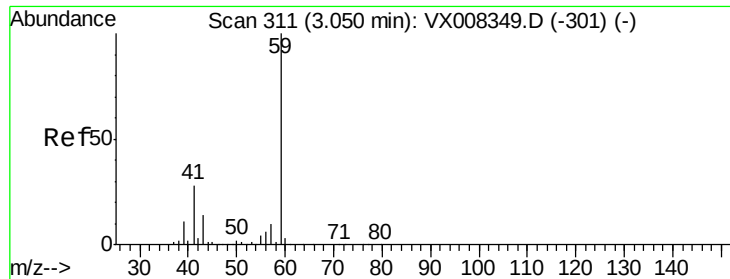


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

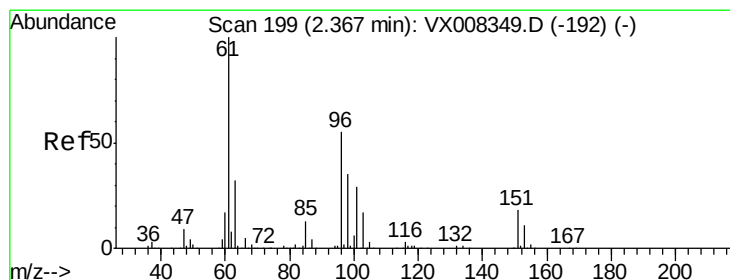
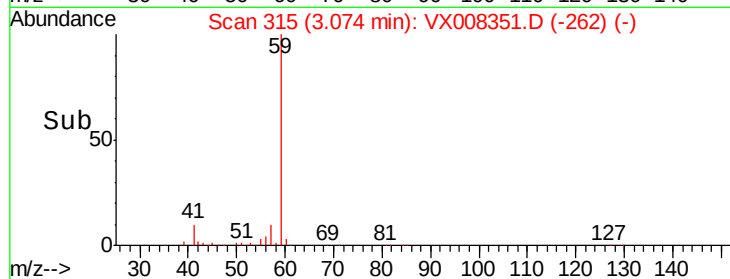
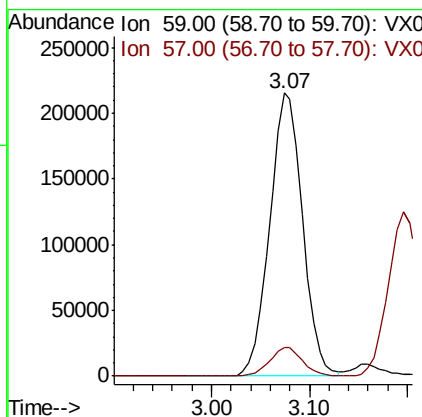
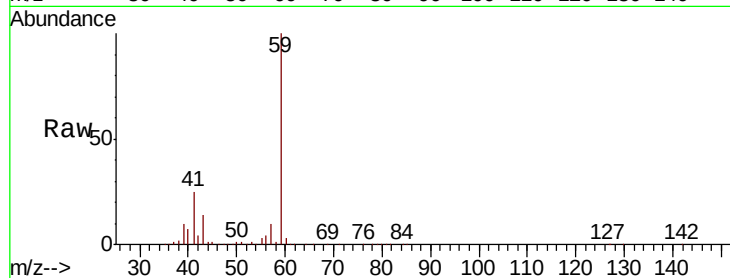




#11
Tert butyl alcohol
Concen: 779.959 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

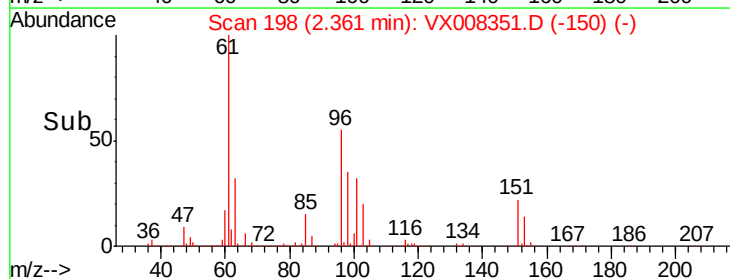
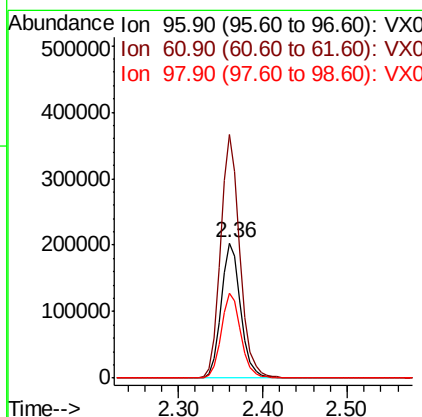
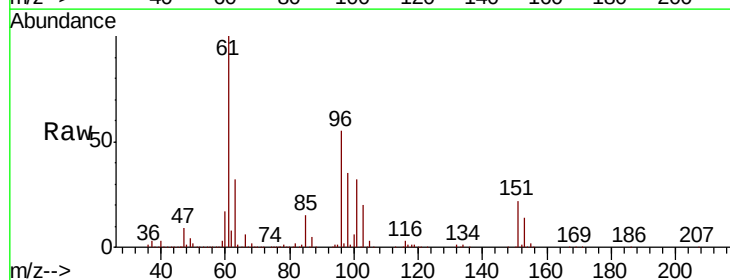
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

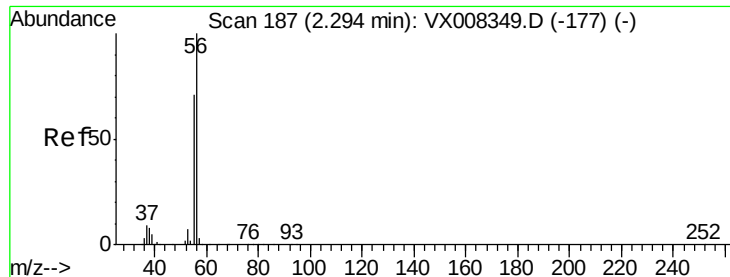
Tgt Ion: 59 Resp: 505592
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 133.123 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 96 Resp: 324753
Ion Ratio Lower Upper
96 100
61 180.3 129.8 194.6
98 63.2 51.0 76.6





#13

Acrolein

Concen: 827.785 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

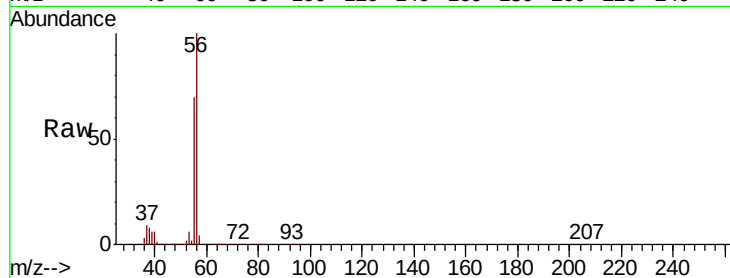
VSTDIC150

Tgt Ion: 56 Resp: 408994

Ion Ratio Lower Upper

56 100

55 71.1 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

250000

200000

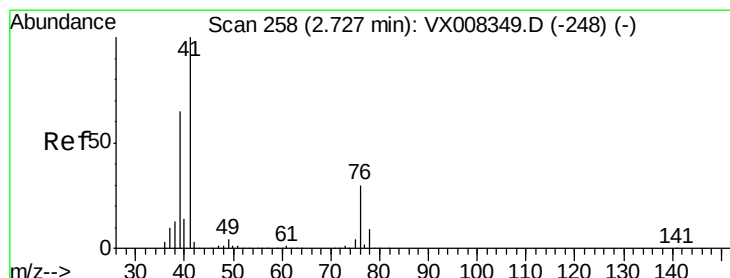
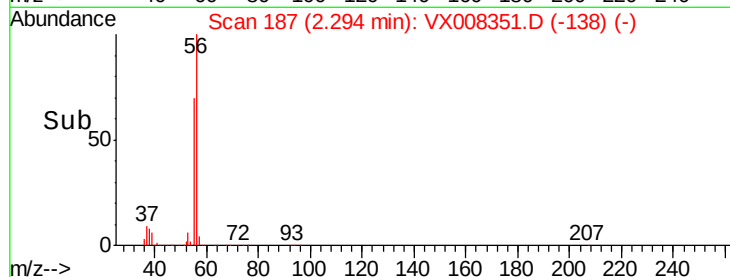
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 139.728 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

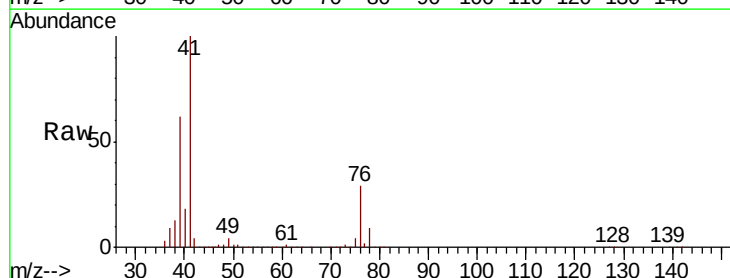
Tgt Ion: 41 Resp: 742019

Ion Ratio Lower Upper

41 100

39 60.8 46.1 69.1

76 28.2 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

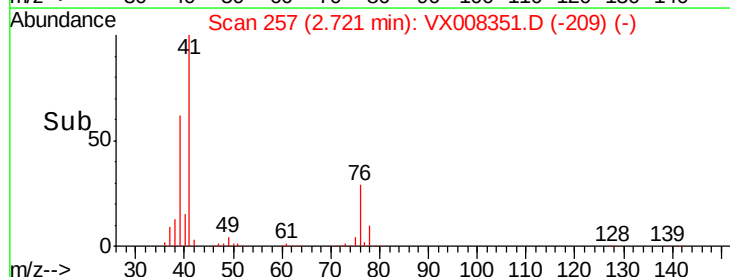
300000

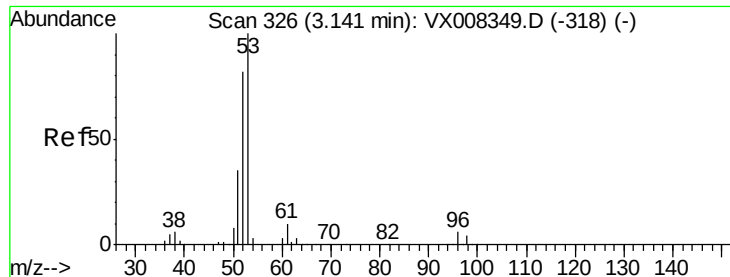
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 727.928 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

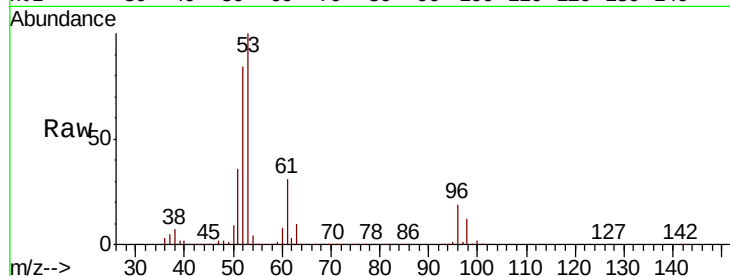
Tgt Ion: 53 Resp: 1248089

Ion Ratio Lower Upper

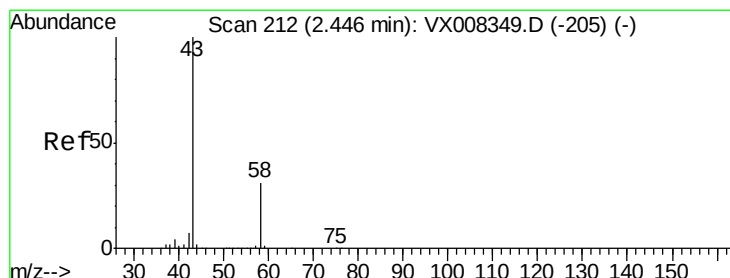
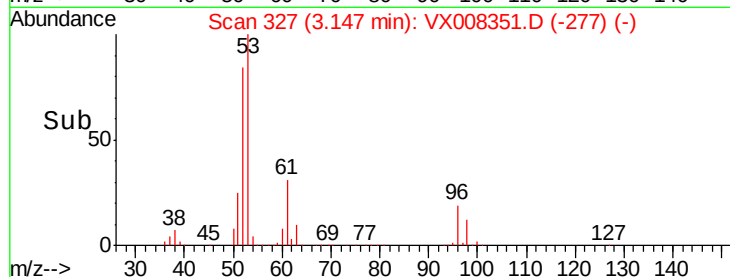
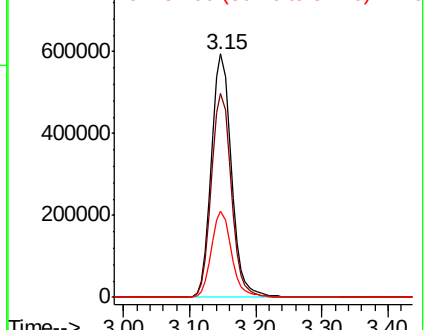
53 100

52 83.6 66.0 99.0

51 35.7 28.0 42.0



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: 622.410 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008351.D

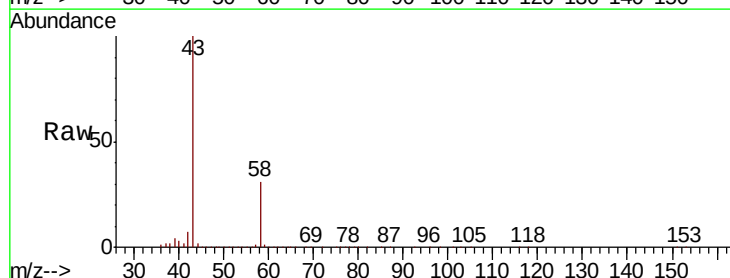
Acq: 23 Mar 2019 15:05

Tgt Ion: 43 Resp: 1068927

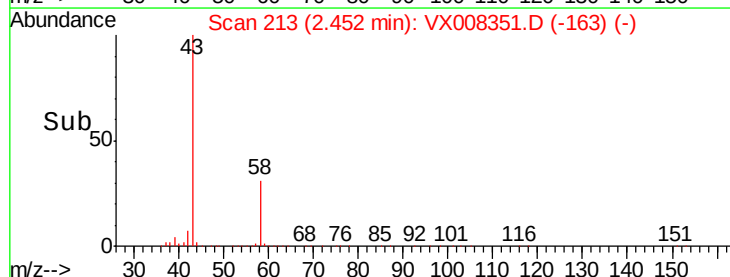
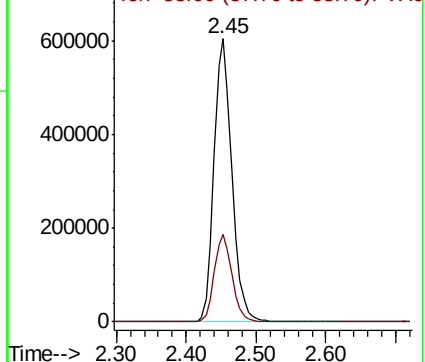
Ion Ratio Lower Upper

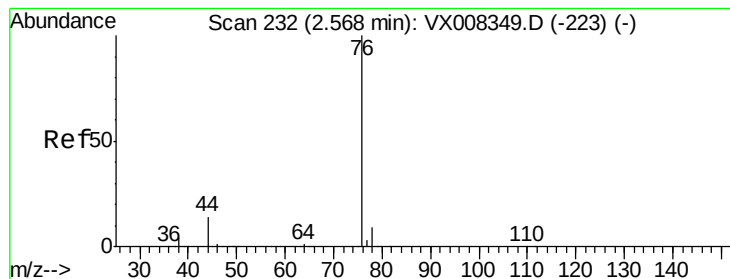
43 100

58 30.8 25.5 38.3



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





#17

Carbon Disulfide

Concen: 127.001 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

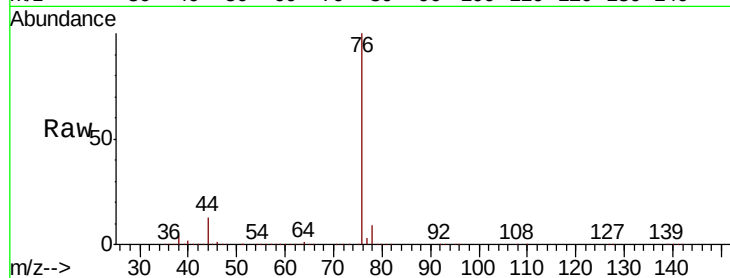
VSTDIC150

Tgt Ion: 76 Resp: 999070

Ion Ratio Lower Upper

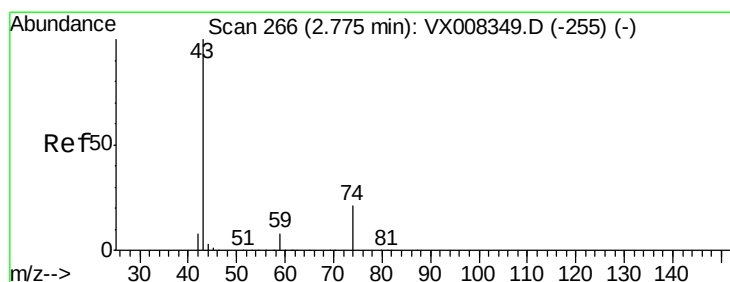
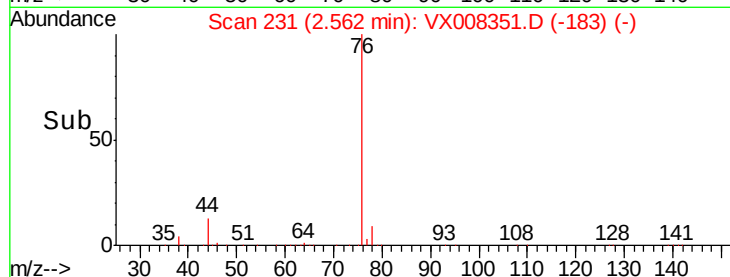
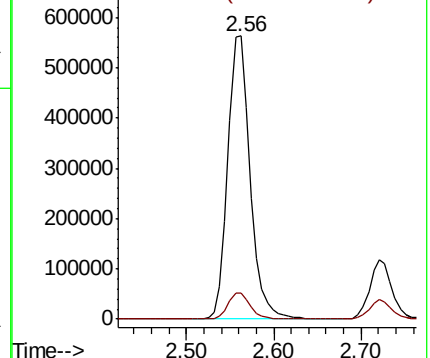
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 135.636 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008351.D

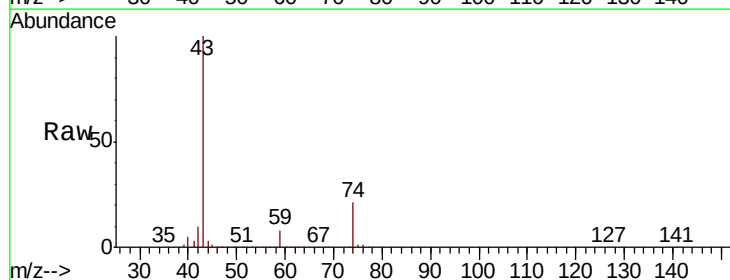
Acq: 23 Mar 2019 15:05

Tgt Ion: 43 Resp: 539281

Ion Ratio Lower Upper

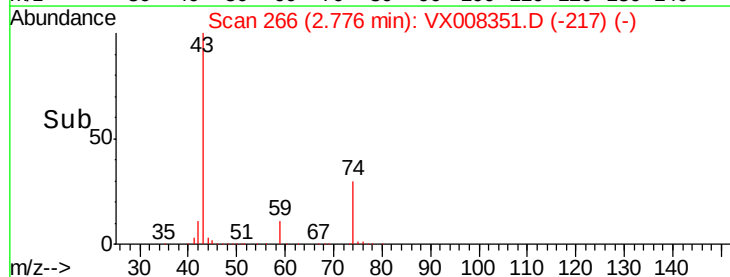
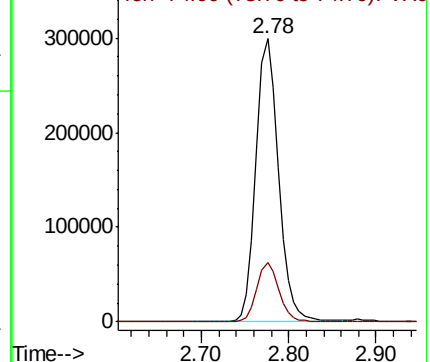
43 100

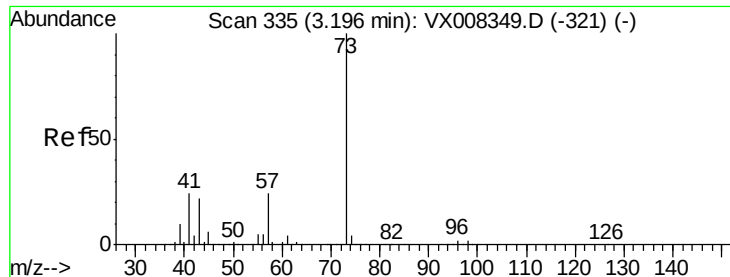
74 20.5 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



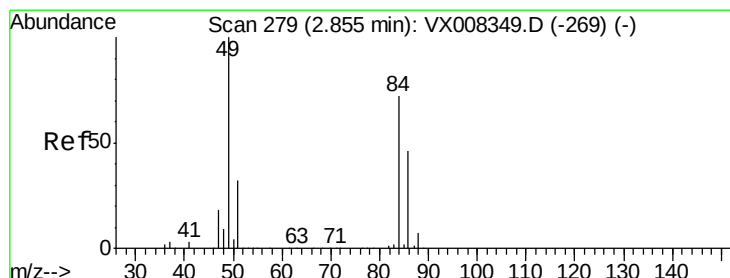
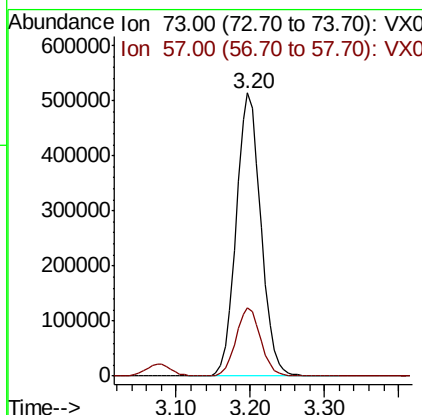
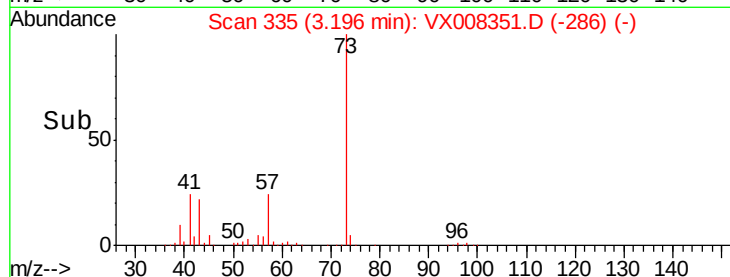
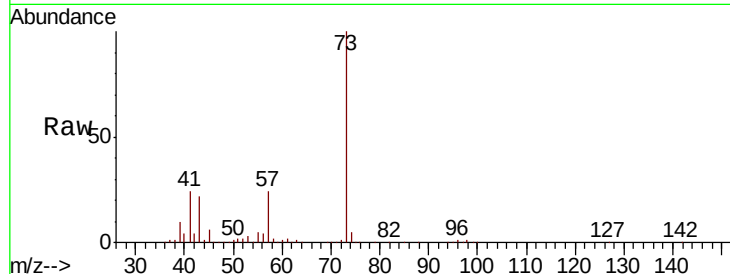


#19

Methyl tert-butyl Ether
 Concen: 135.373 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

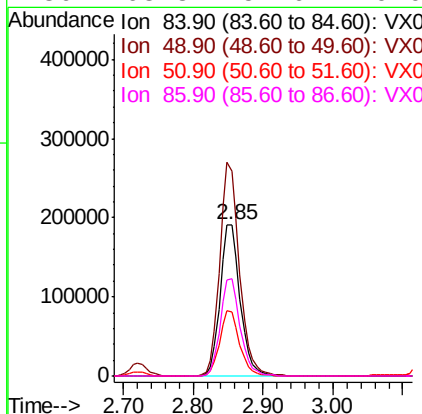
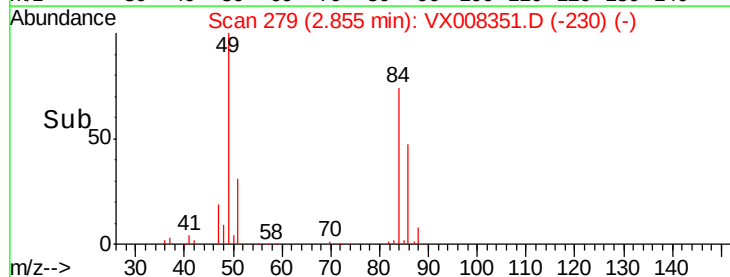
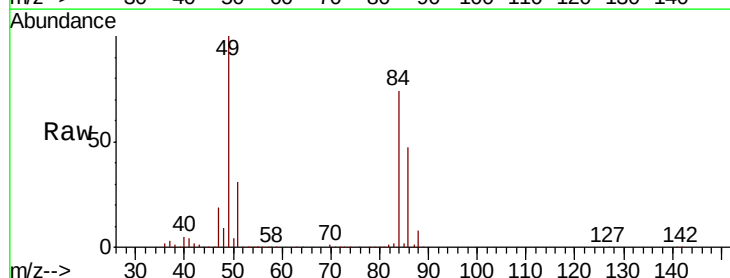
Tgt Ion: 73 Resp: 1194060
 Ion Ratio Lower Upper
 73 100
 57 24.3 18.2 27.4

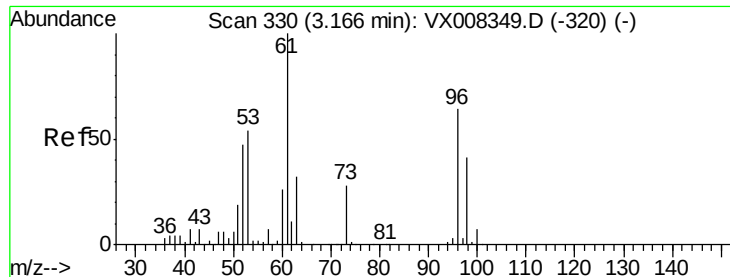


#20

Methylene Chloride
 Concen: 132.513 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 84 Resp: 379491
 Ion Ratio Lower Upper
 84 100
 49 135.0 99.3 148.9
 51 42.2 31.3 46.9
 86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 131.547 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

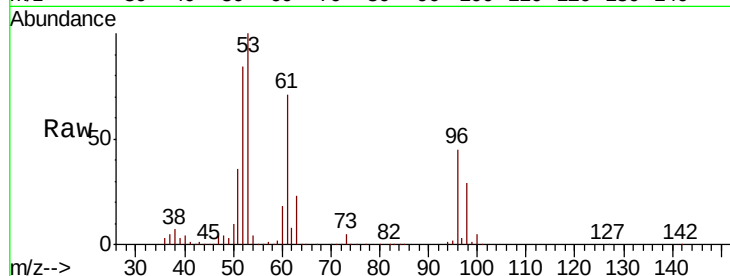
Tgt Ion: 96 Resp: 346680

Ion Ratio Lower Upper

96 100

61 156.9 114.4 171.6

98 63.2 51.1 76.7

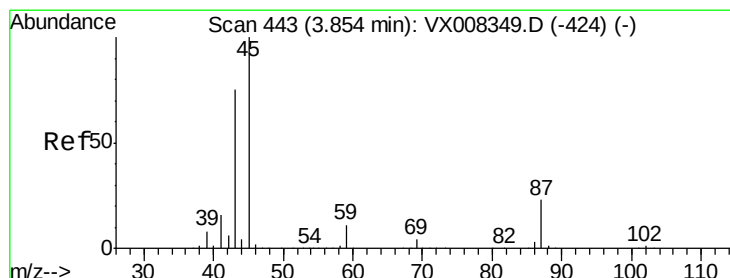
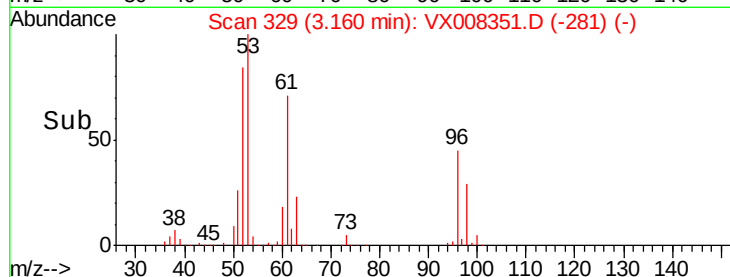
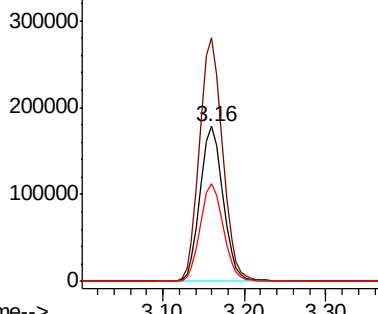


Abundance

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: 136.125 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Tgt Ion: 45 Resp: 1415782

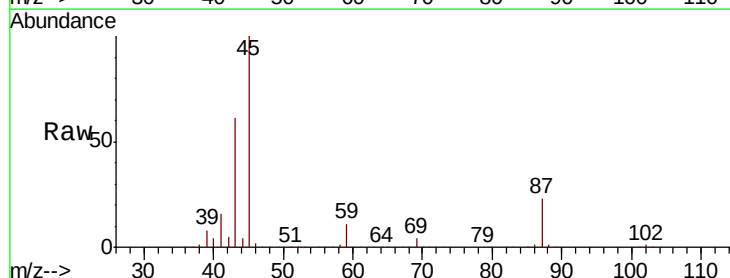
Ion Ratio Lower Upper

45 100

43 60.5 45.3 67.9

87 22.9 21.4 32.0

59 10.9 9.5 14.3



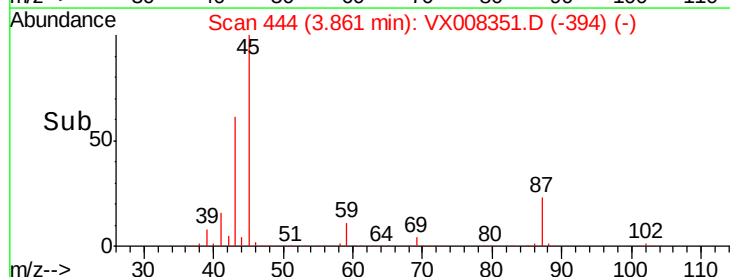
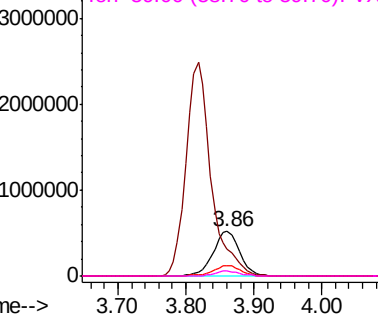
Abundance

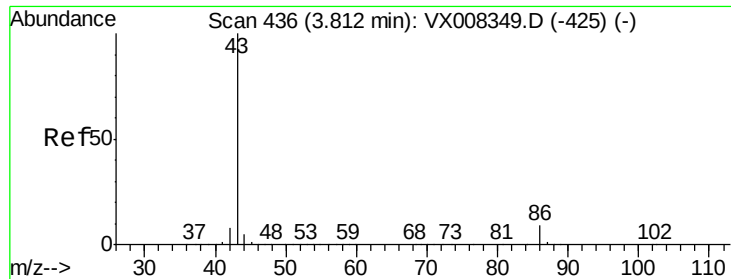
Ion 45.00 (44.70 to 45.70): VX0

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: 716.230 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

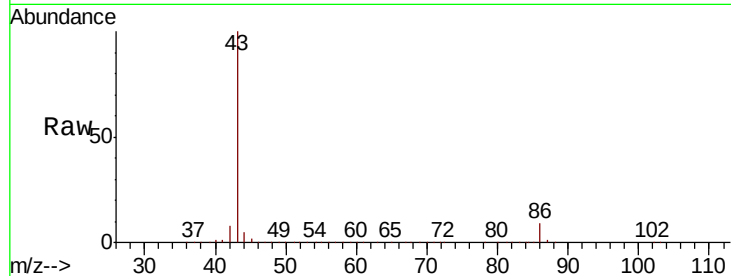
VSTDIC150

Tgt Ion: 43 Resp: 6386576

Ion Ratio Lower Upper

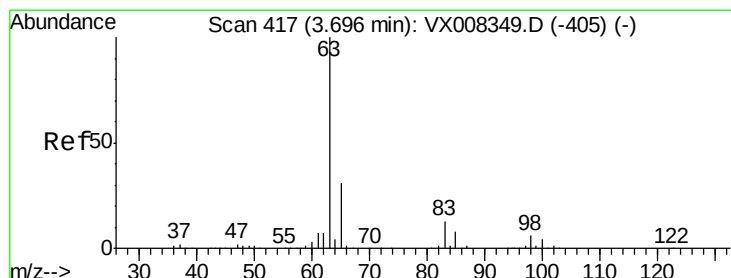
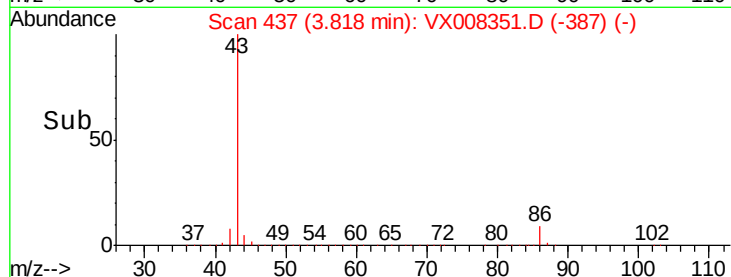
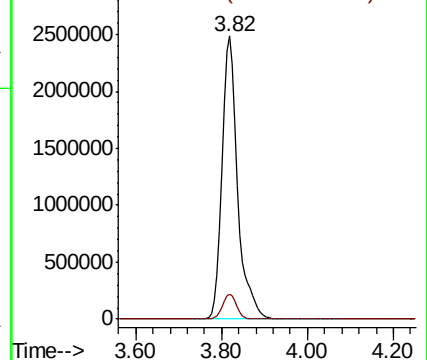
43 100

86 9.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 133.611 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

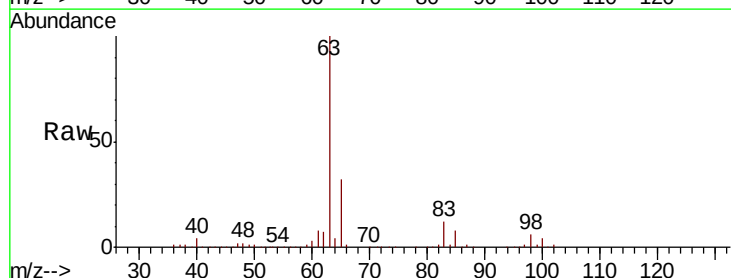
Tgt Ion: 63 Resp: 714724

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

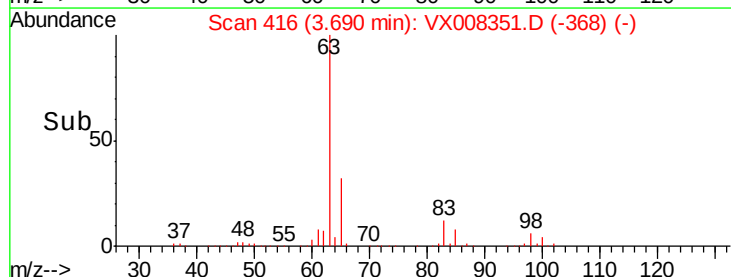
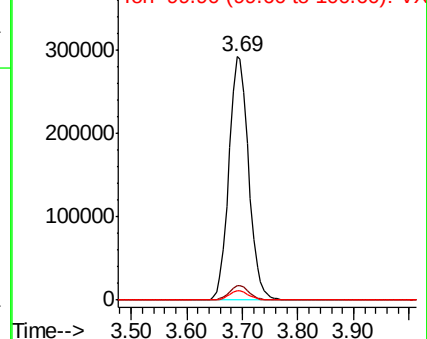
100 3.8 2.3 6.8

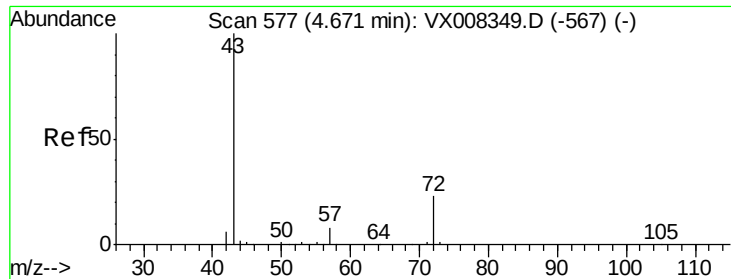


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 718.841 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

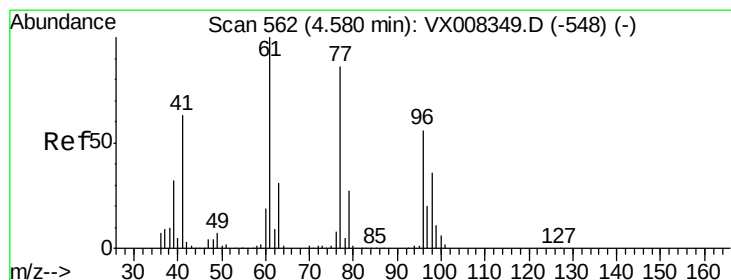
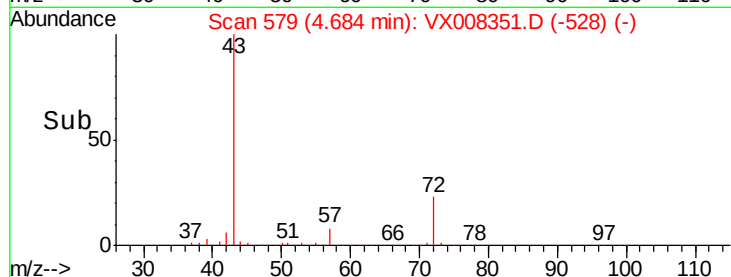
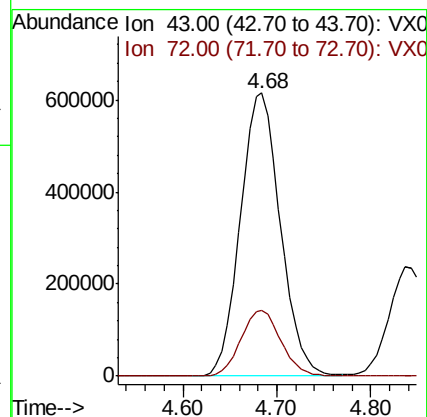
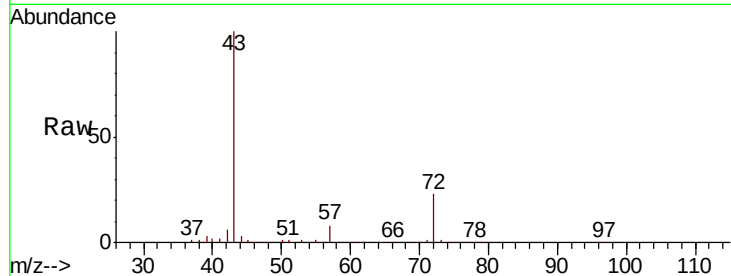
VSTDIC150

Tgt Ion: 43 Resp: 1822350

Ion Ratio Lower Upper

43 100

72 23.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 123.516 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008351.D

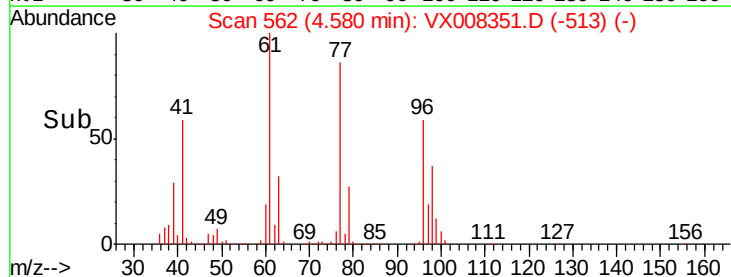
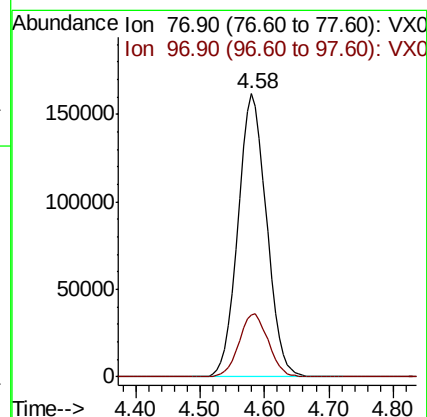
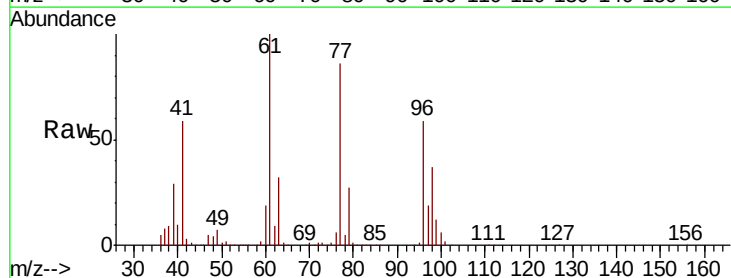
Acq: 23 Mar 2019 15:05

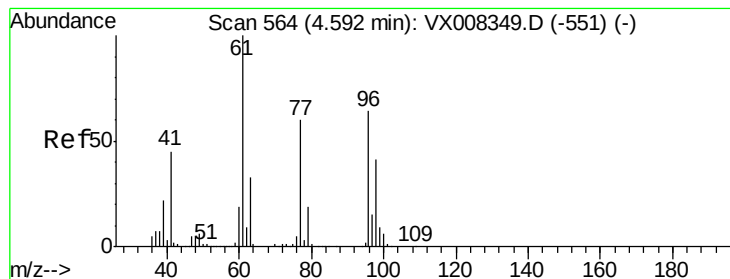
Tgt Ion: 77 Resp: 497734

Ion Ratio Lower Upper

77 100

97 22.8 12.2 36.6



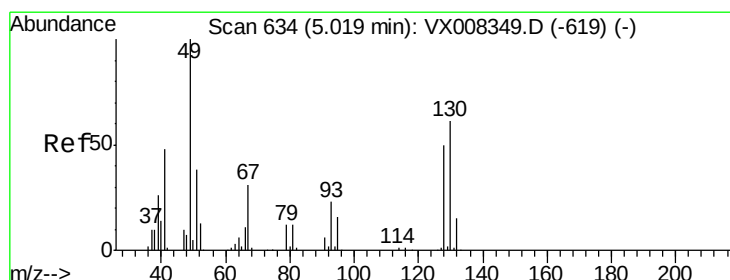
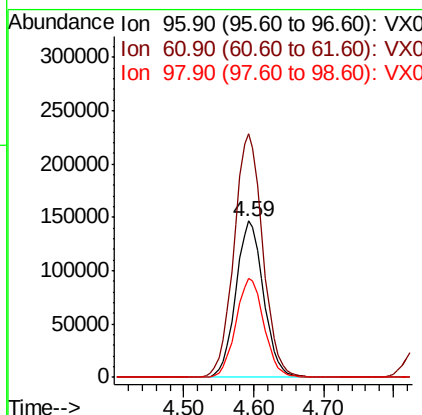
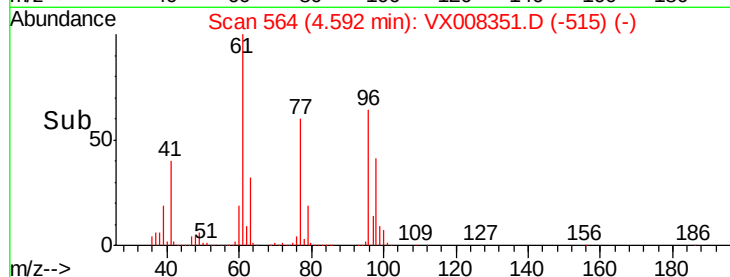
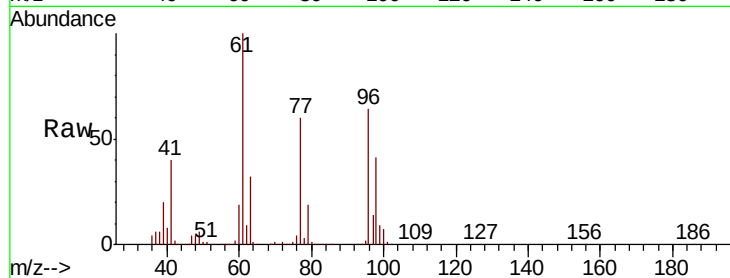


#27

cis-1,2-Dichloroethene
 Concen: 134.105 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

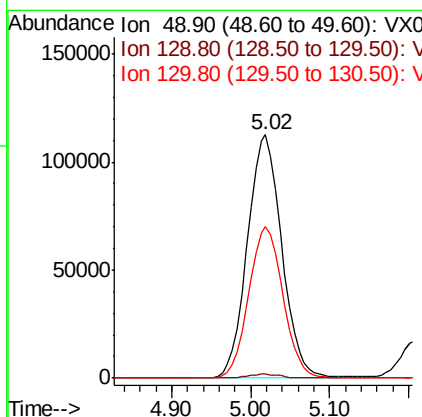
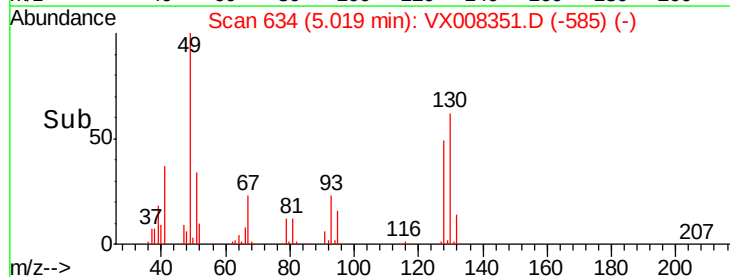
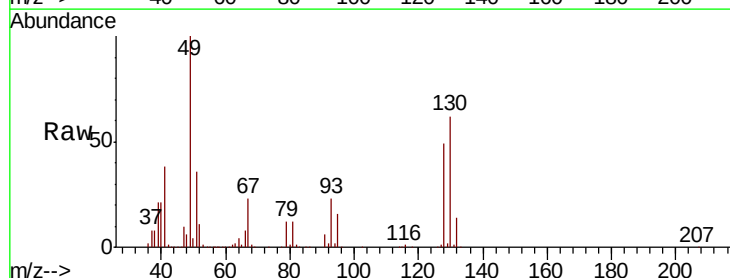
Tgt Ion	Resp	Lower	Upper
96	402894		
Ion Ratio			
96	100		
61	161.9	0.0	288.0
98	64.3	0.0	129.0

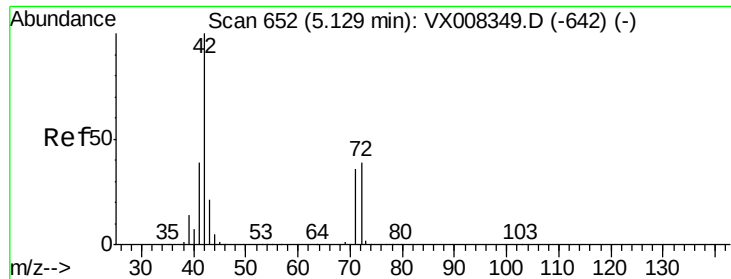


#28

Bromochloromethane
 Concen: 142.165 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion	Resp	Lower	Upper
49	341482		
Ion Ratio			
49	100		
129	1.6	0.0	4.0
130	61.9	65.0	97.4#





#29

Tetrahydrofuran

Concen: 761.168 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

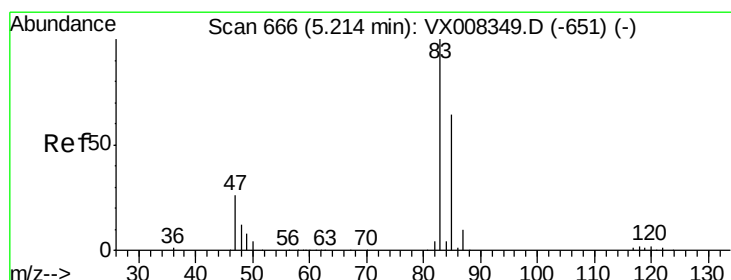
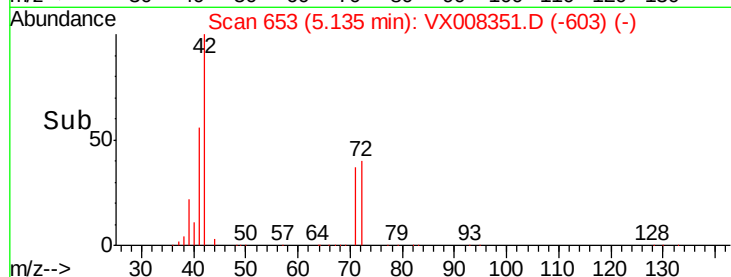
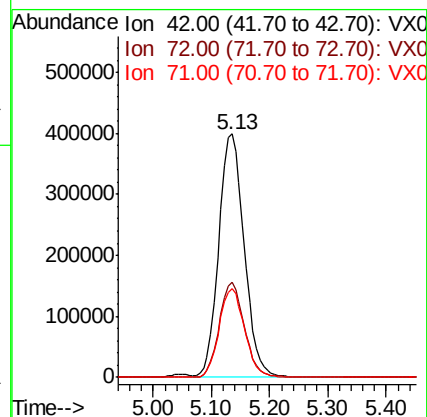
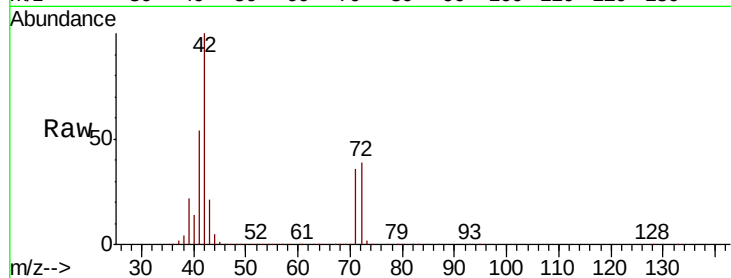
Tgt Ion: 42 Resp: 1206286

Ion Ratio Lower Upper

42 100

72 38.7 33.8 50.6

71 36.5 31.5 47.3



#30

Chloroform

Concen: 129.138 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008351.D

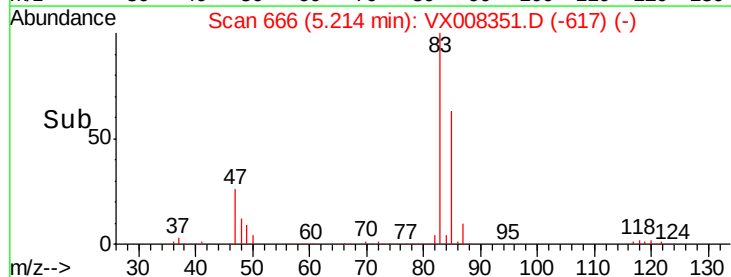
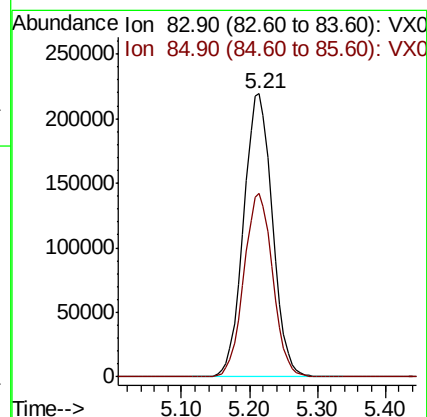
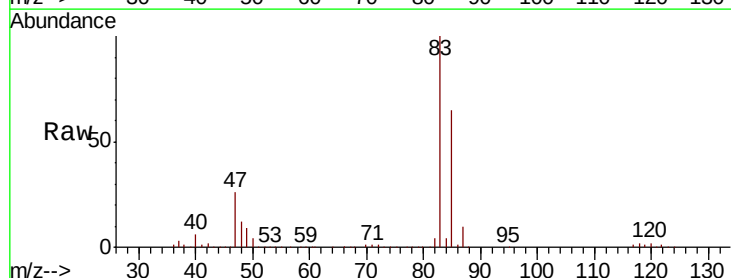
Acq: 23 Mar 2019 15:05

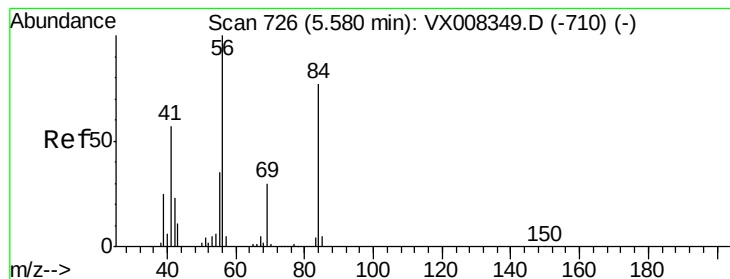
Tgt Ion: 83 Resp: 646173

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6





#31

Cyclohexane

Concen: 134.904 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

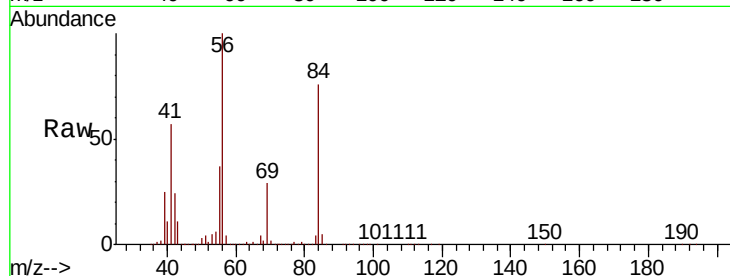
Tgt Ion: 56 Resp: 677640

Ion Ratio Lower Upper

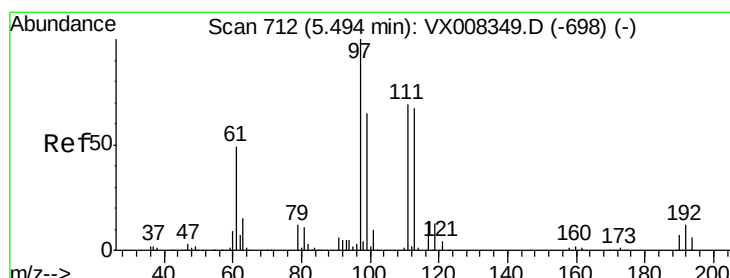
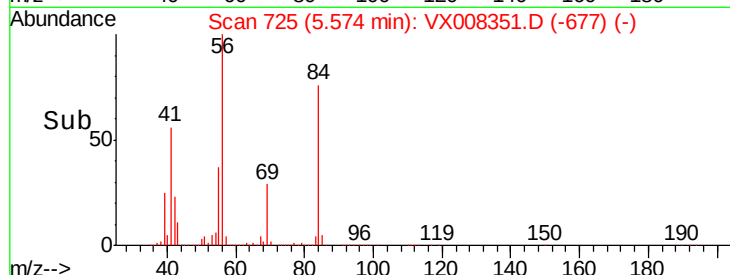
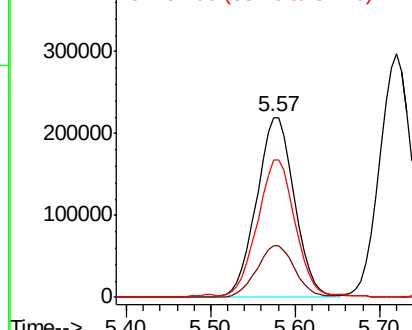
56 100

69 28.8 24.0 36.0

84 75.3 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 129.245 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

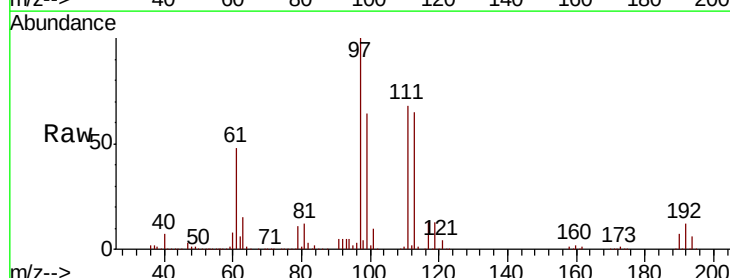
Tgt Ion: 97 Resp: 537972

Ion Ratio Lower Upper

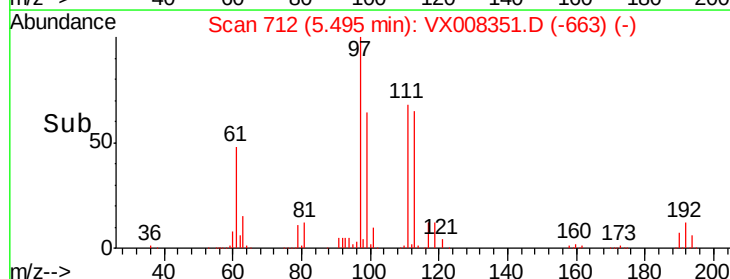
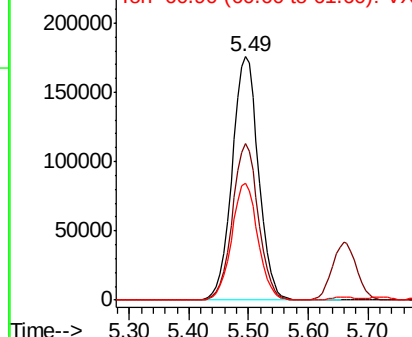
97 100

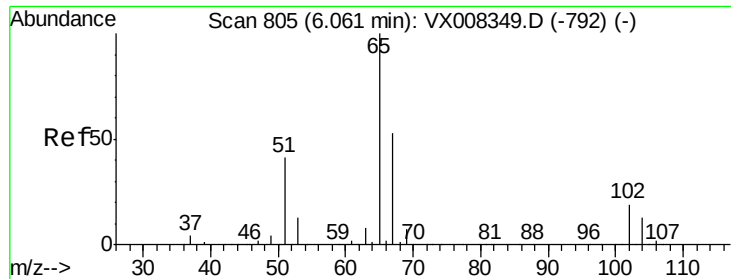
99 63.5 52.2 78.2

61 47.9 34.9 52.3



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

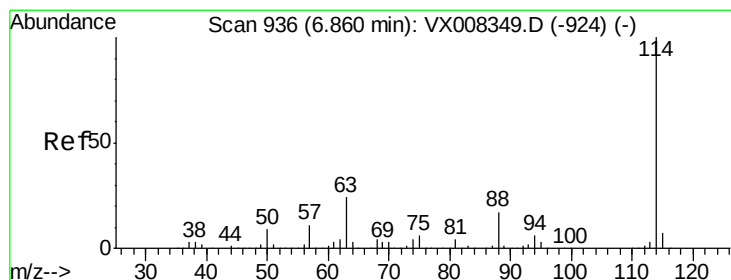
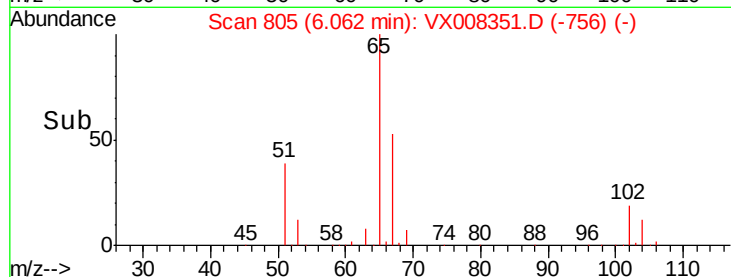
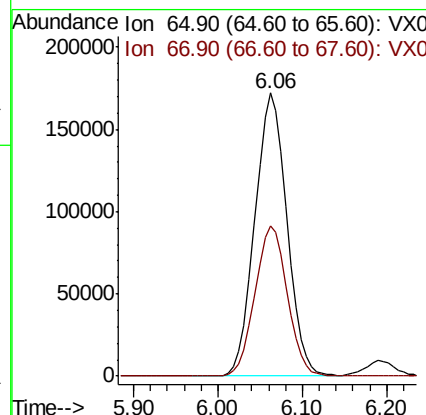
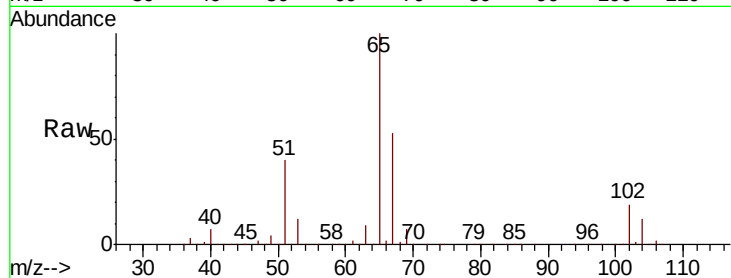




#33
 1,2-Dichloroethane-d4
 Concen: 147.566 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

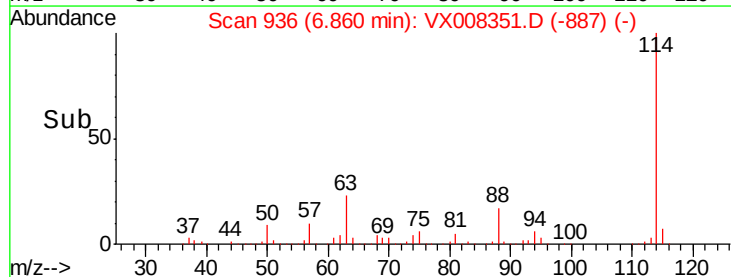
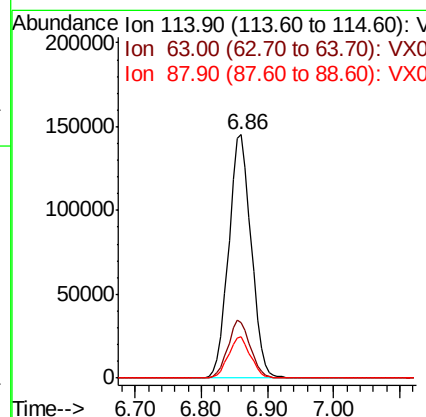
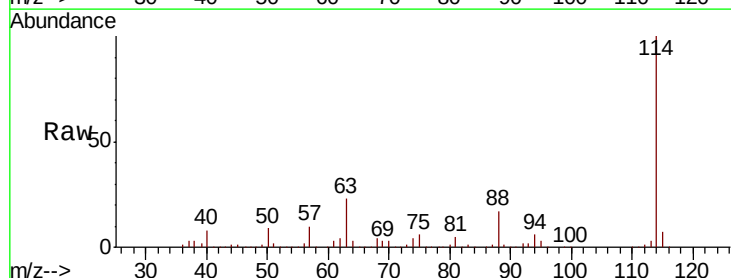
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

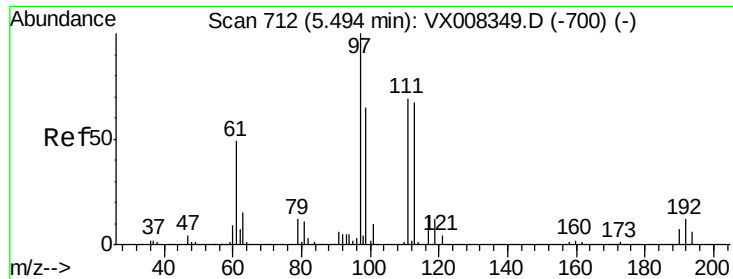
Tgt Ion: 65 Resp: 446838
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 114 Resp: 343356
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 39.8
 88 16.9 0.0 31.4

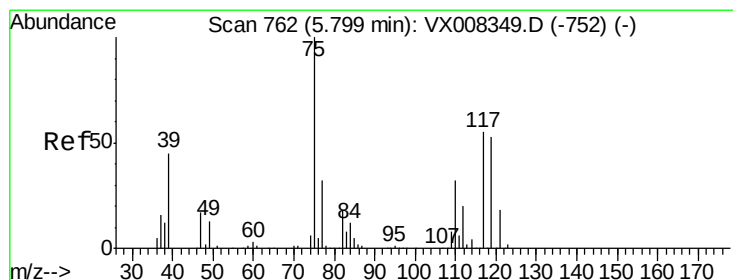
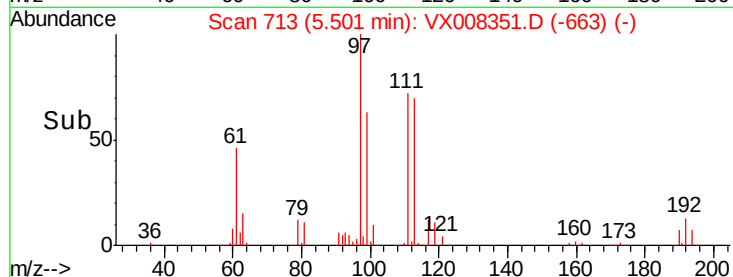
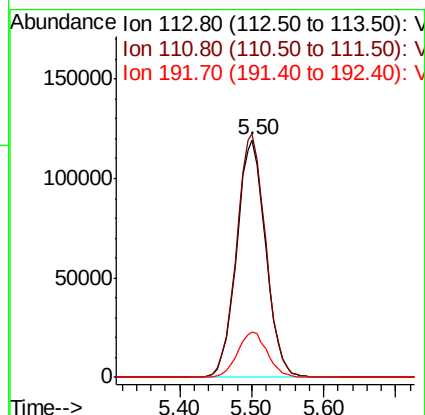
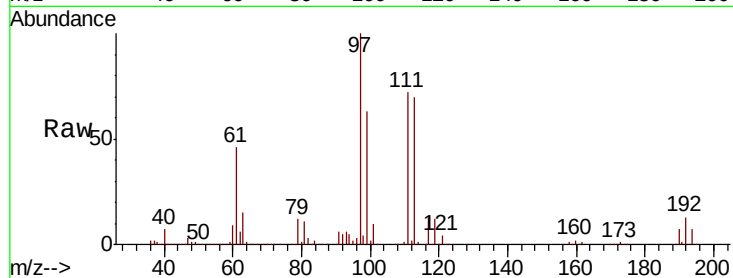




#35
 Dibromofluoromethane
 Concen: 145.175 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

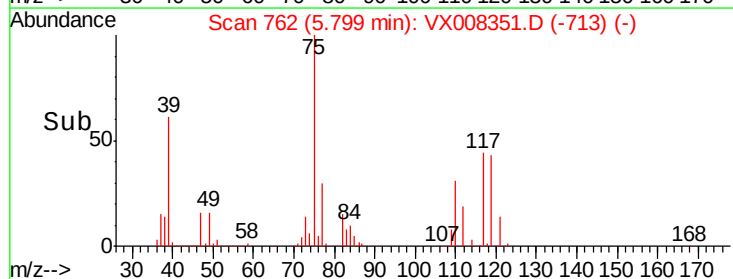
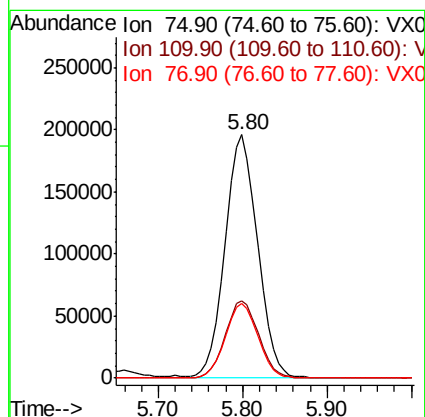
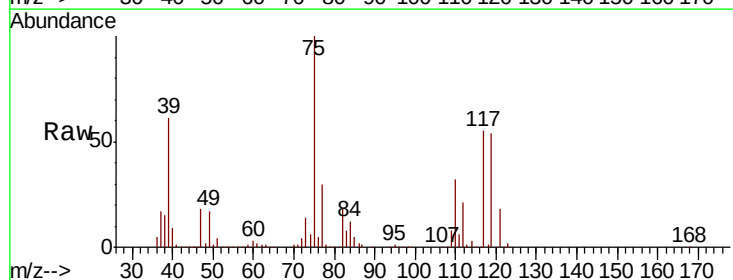
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

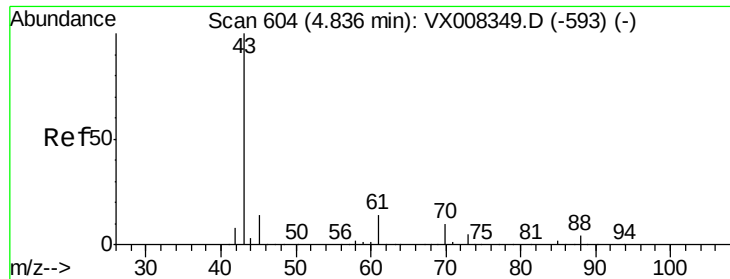
Tgt Ion:113 Resp: 333690
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 19.6 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 129.126 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 75 Resp: 516189
 Ion Ratio Lower Upper
 75 100
 110 32.5 18.4 55.0
 77 30.6 25.0 37.4

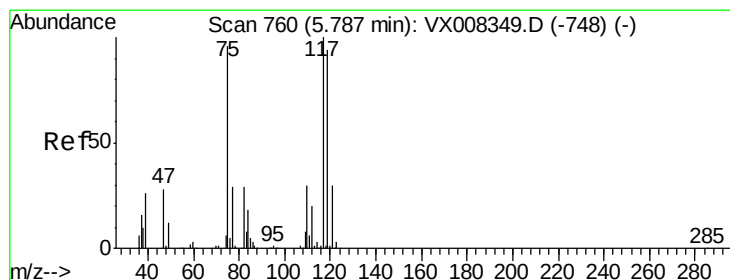
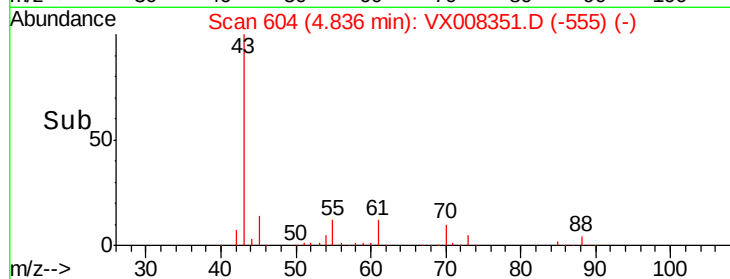
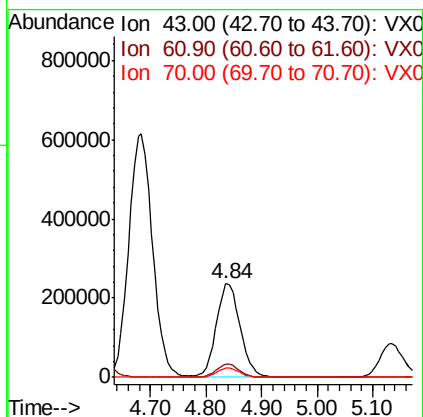
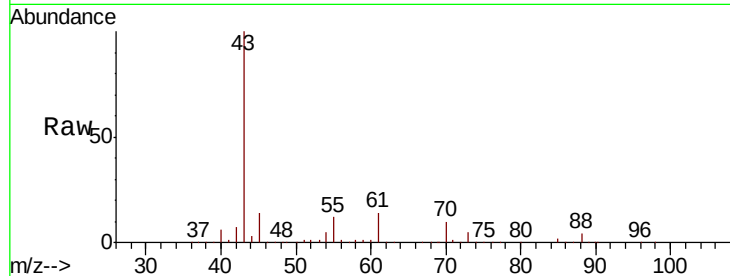




#37
Ethyl Acetate
Concen: 148.904 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

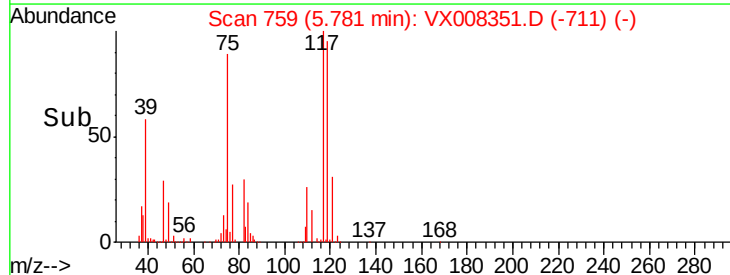
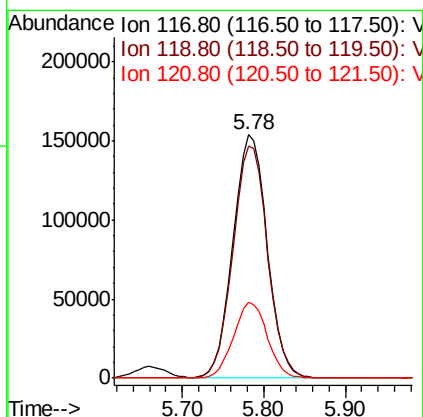
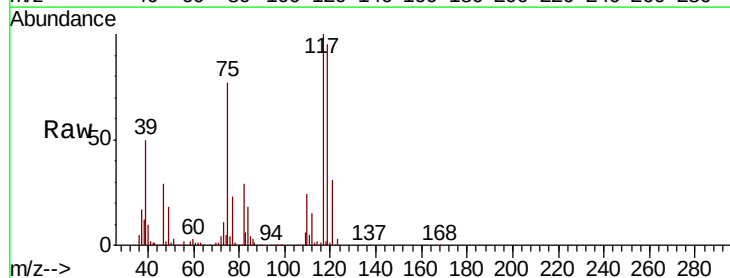
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

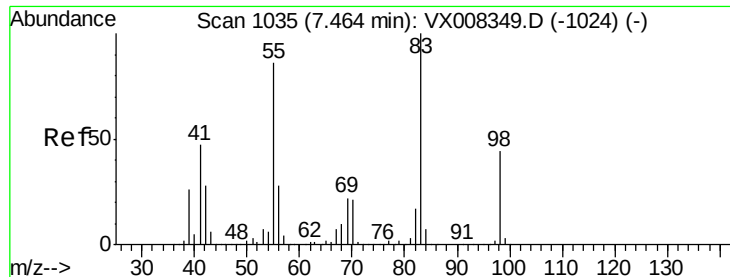
Tgt Ion: 43 Resp: 703654
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 125.320 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 117 Resp: 446371
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 31.1 24.6 36.8

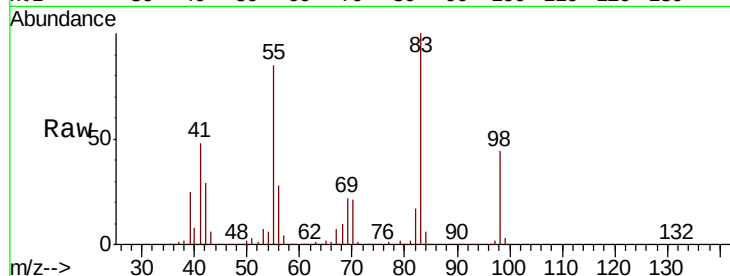




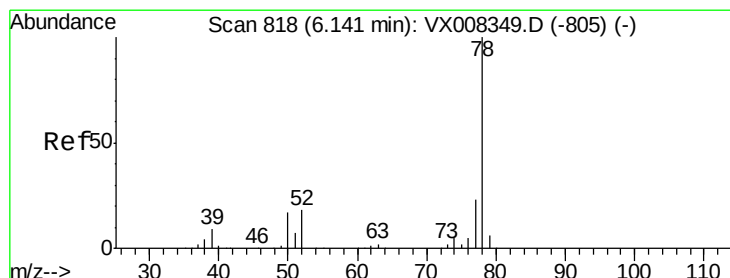
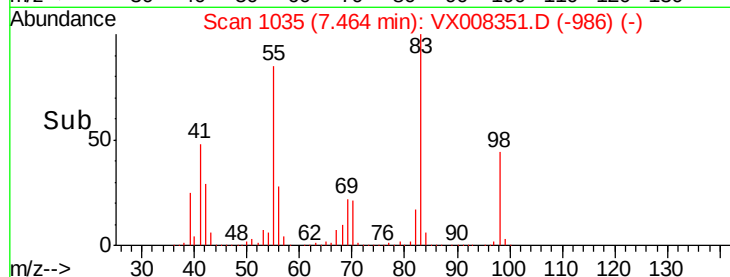
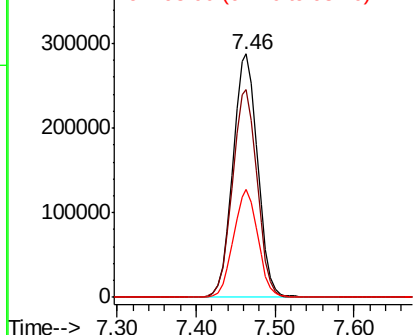
#39
Methylcyclohexane
Concen: 130.424 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 627424
Ion Ratio Lower Upper
83 100
55 85.4 60.4 90.6
98 44.1 36.5 54.7

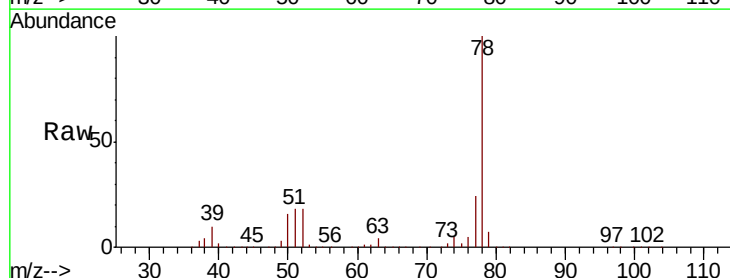


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

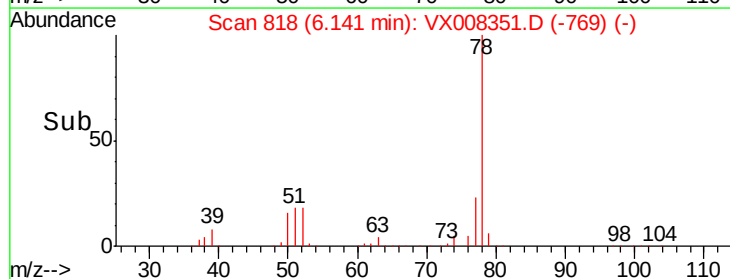
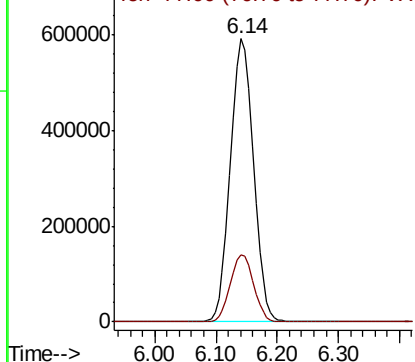


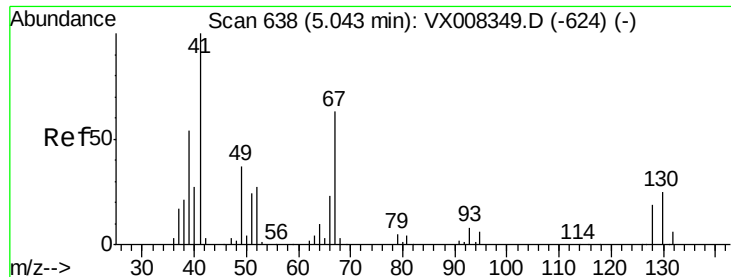
#40
Benzene
Concen: 130.245 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 78 Resp: 1541051
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

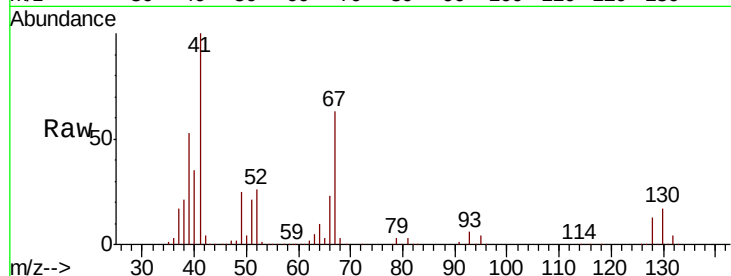




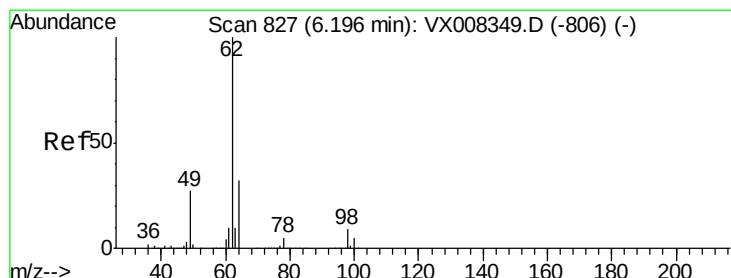
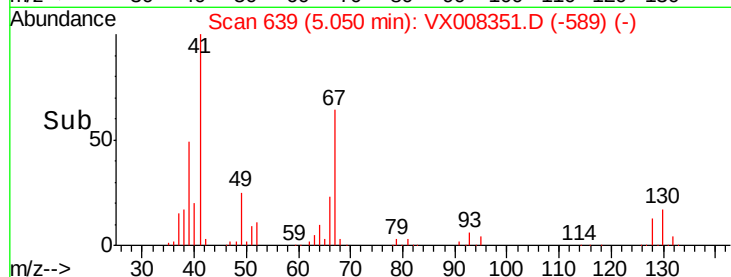
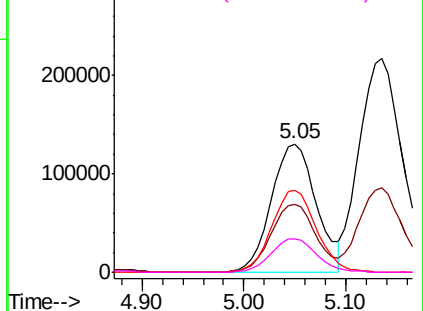
#41
Methacrylonitrile
Concen: 150.758 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	399614
Ion	Ratio	Lower	Upper
41	100		
39	53.0	41.6	62.4
67	63.1	55.8	83.6
52	26.1	21.7	32.5

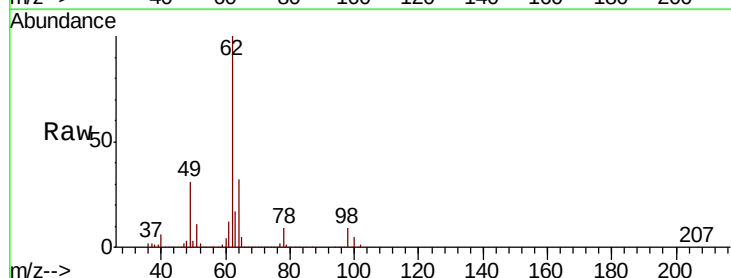


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

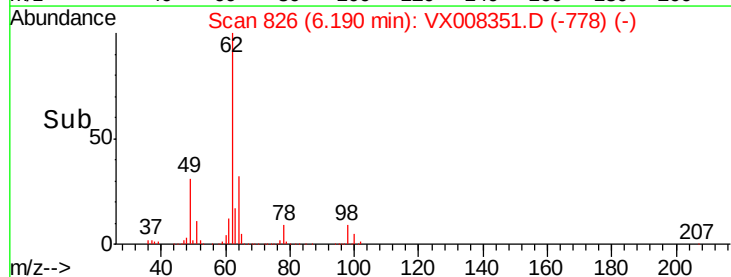
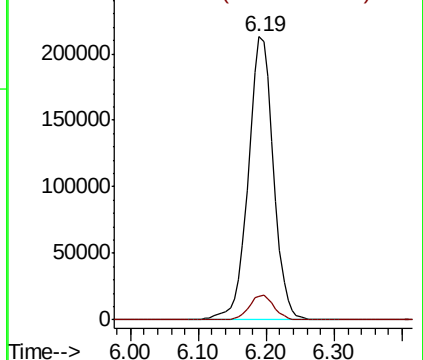


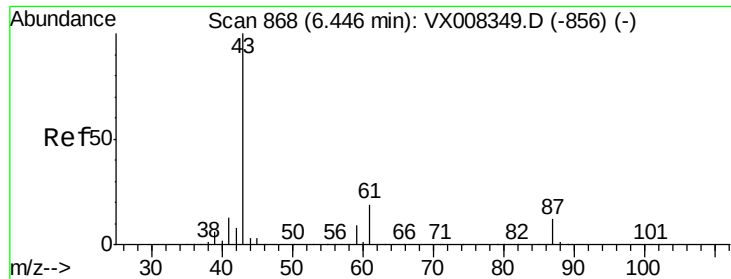
#42
1,2-Dichloroethane
Concen: 126.276 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion:	62	Resp:	547329
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 149.596 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

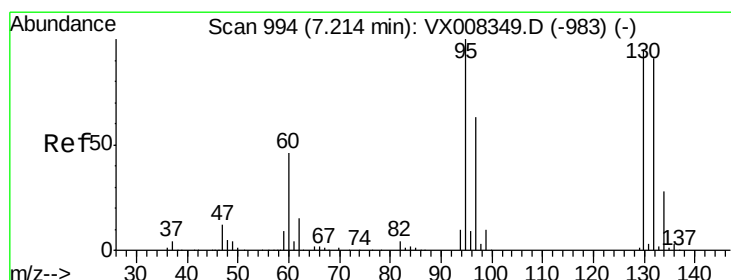
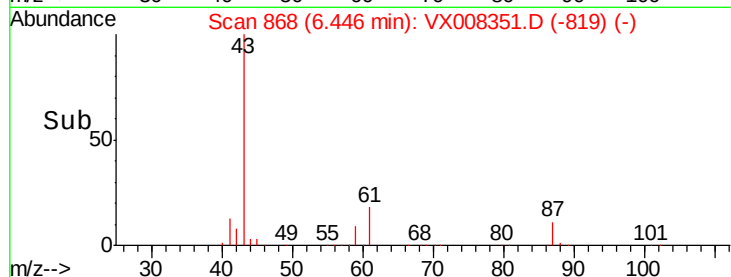
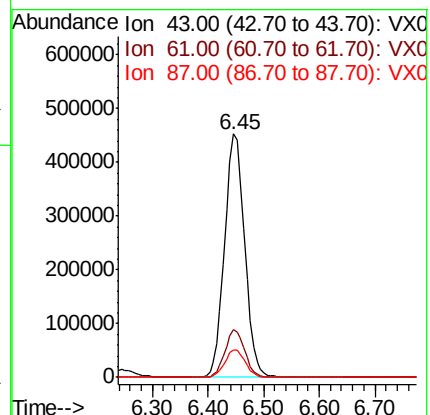
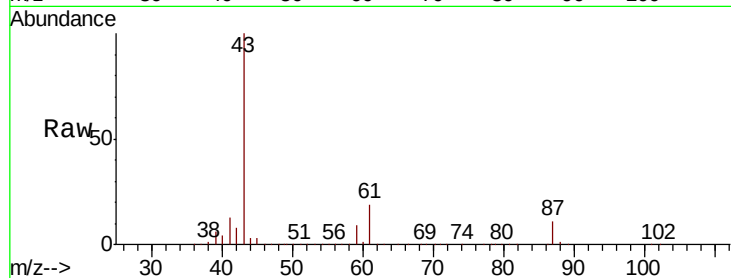
Tgt Ion: 43 Resp: 1133113

Ion Ratio Lower Upper

43 100

61 19.2 16.3 24.5

87 11.5 10.5 15.7



#44

Trichloroethene

Concen: 123.671 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008351.D

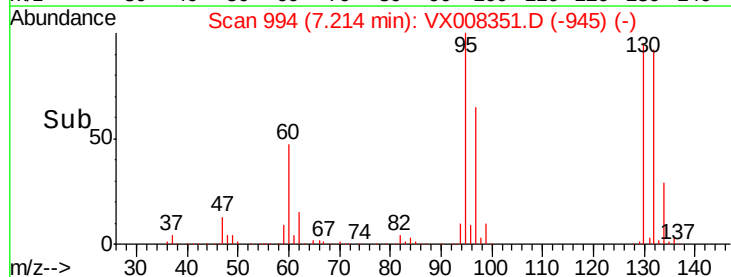
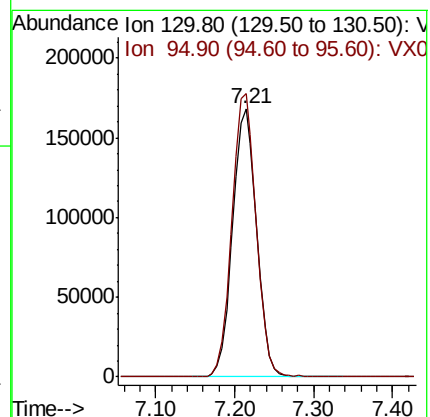
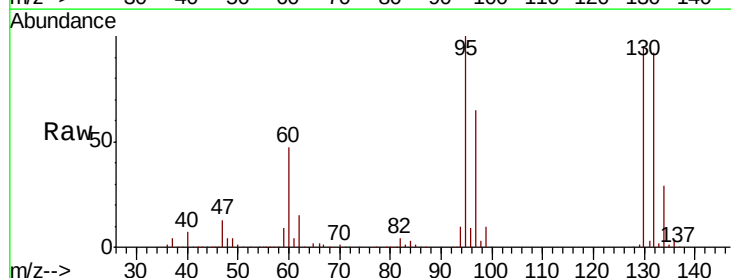
Acq: 23 Mar 2019 15:05

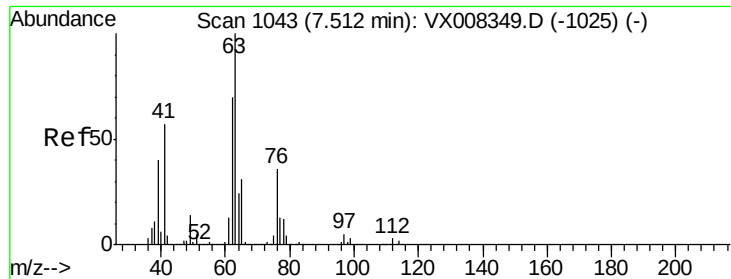
Tgt Ion: 130 Resp: 357786

Ion Ratio Lower Upper

130 100

95 105.6 0.0 188.0

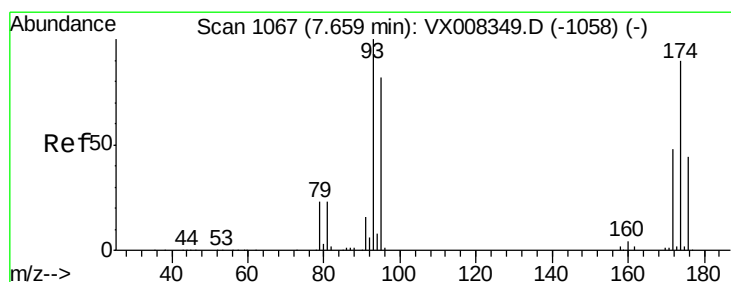
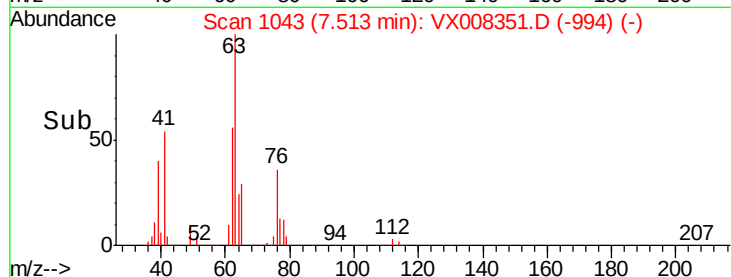
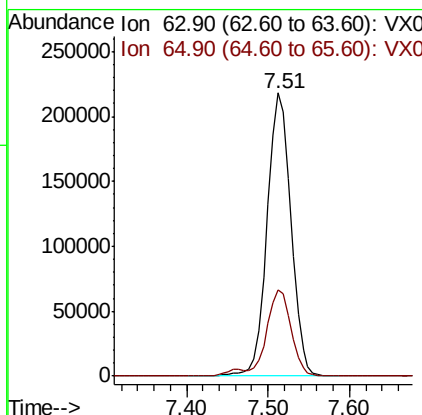
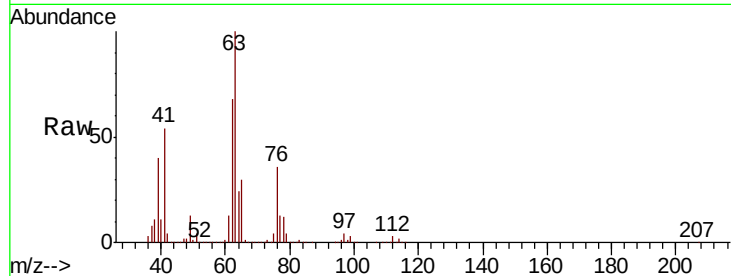




#45
 1,2-Dichloropropane
 Concen: 133.303 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

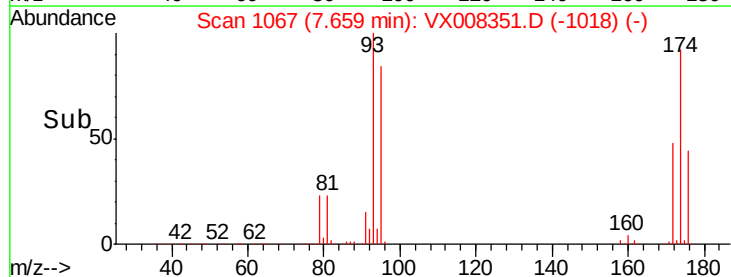
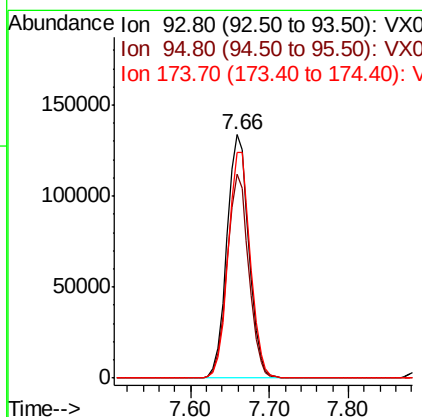
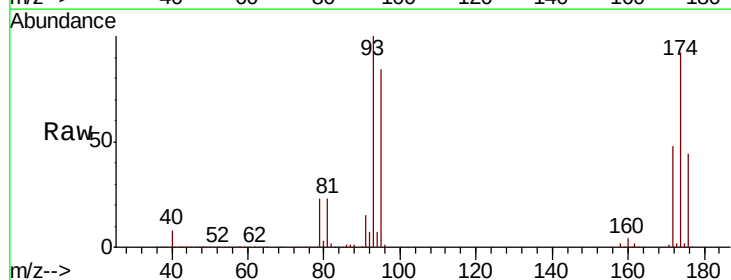
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

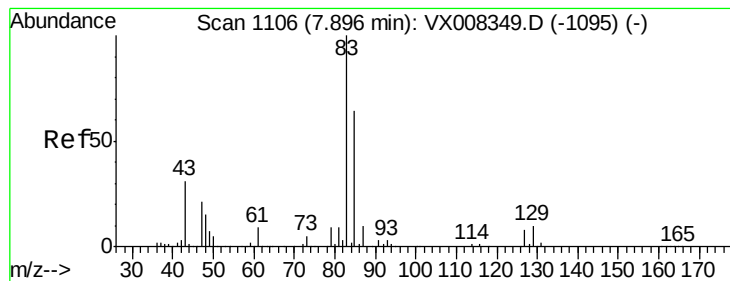
Tgt Ion: 63 Resp: 441531
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 129.218 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 93 Resp: 259140
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.8 100.2
 174 93.4 97.3 145.9#





#47

Bromodichloromethane

Concen: 136.694 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

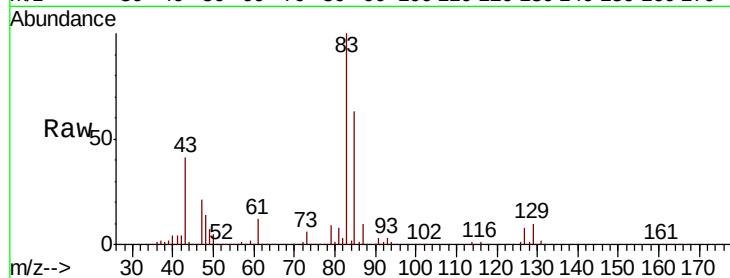
Tgt Ion: 83 Resp: 522434

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

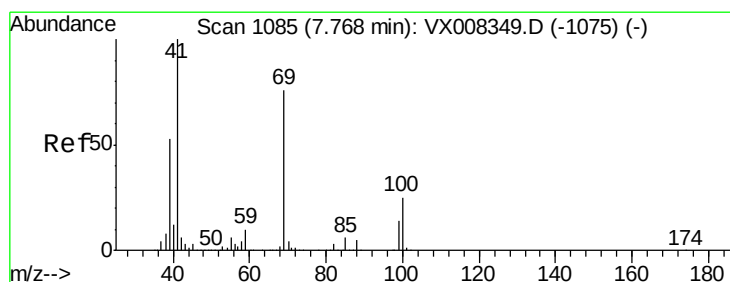
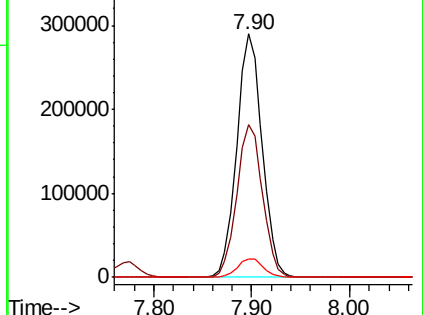
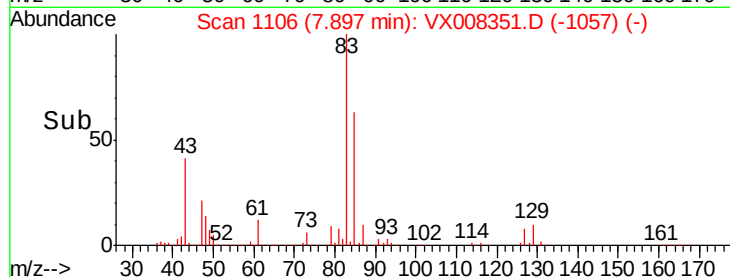
127 7.8 7.4 11.0



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: 142.442 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

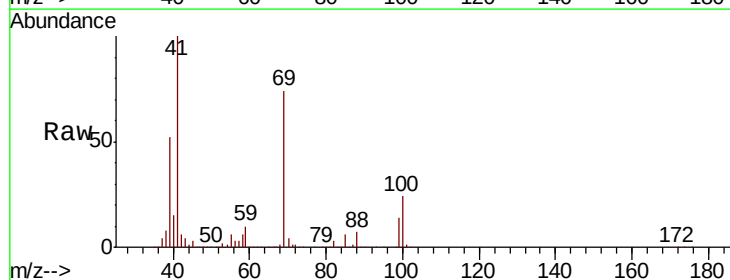
Tgt Ion: 41 Resp: 573683

Ion Ratio Lower Upper

41 100

69 74.9 65.2 97.8

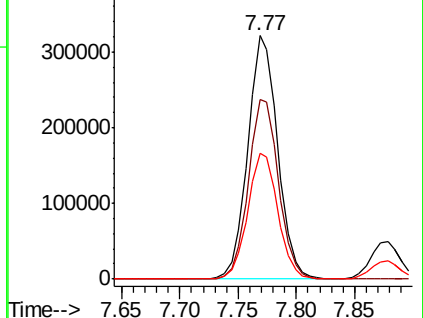
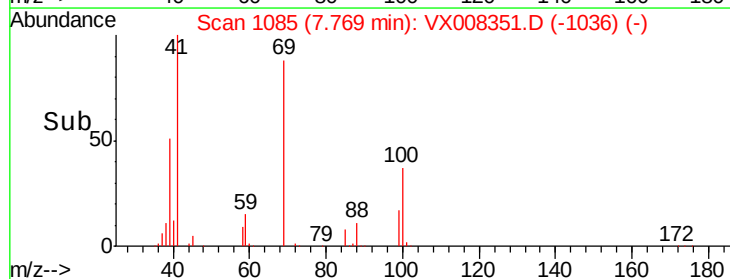
39 52.2 39.4 59.2

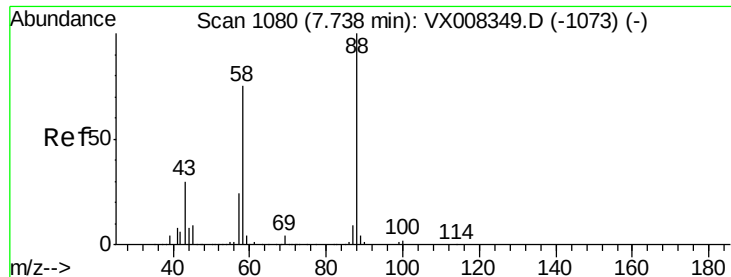


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2973.174 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

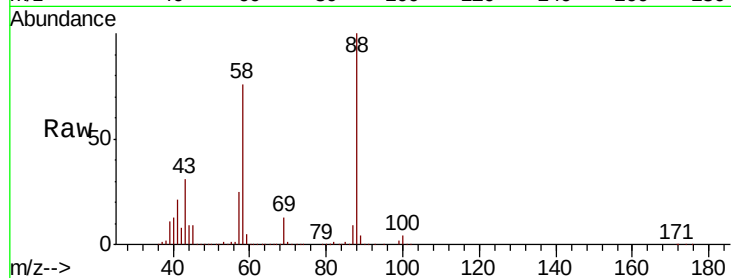
Tgt Ion: 88 Resp: 211308

Ion Ratio Lower Upper

88 100

43 36.5 25.1 37.7

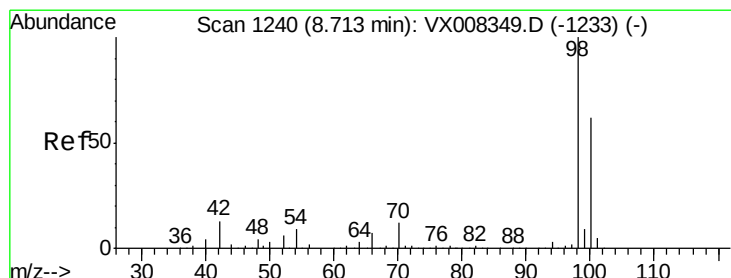
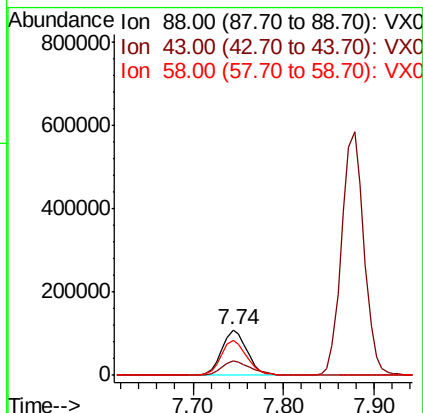
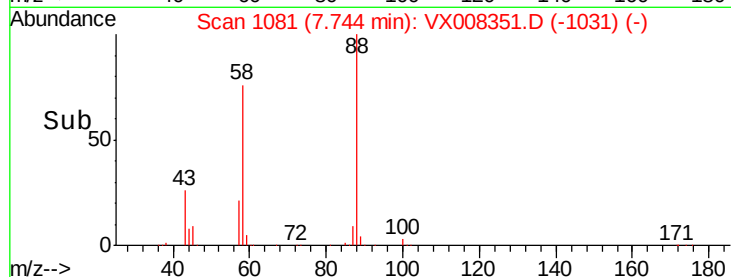
58 79.1 57.8 86.6



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: 150.843 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008351.D

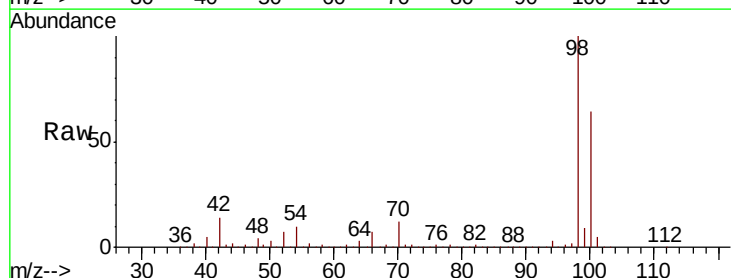
Acq: 23 Mar 2019 15:05

Tgt Ion: 98 Resp: 1314537

Ion Ratio Lower Upper

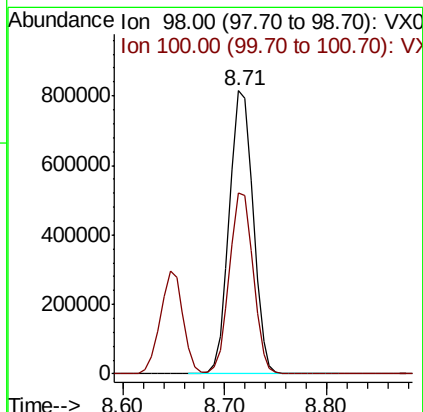
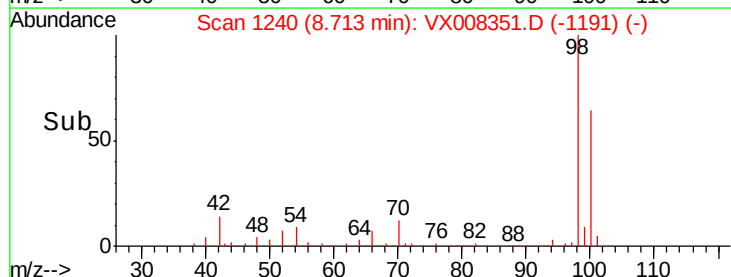
98 100

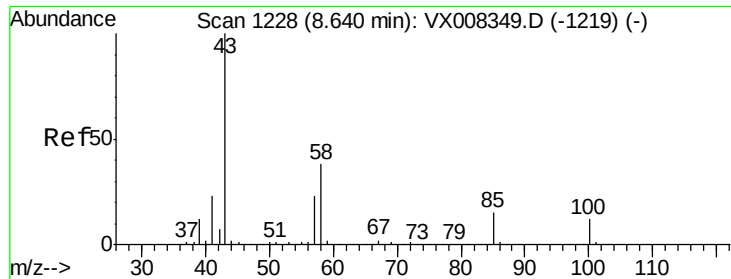
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 745.309 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

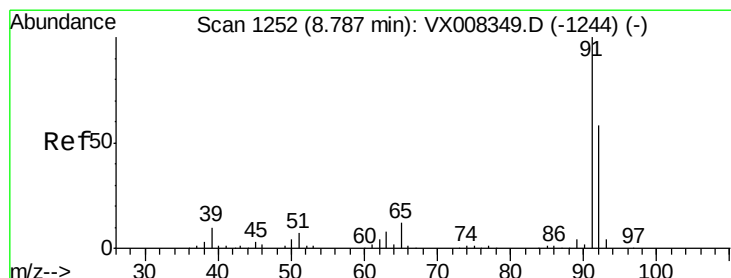
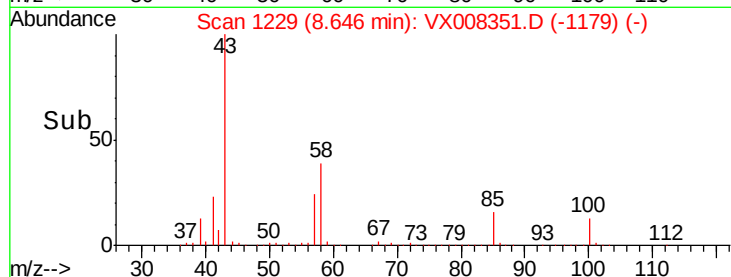
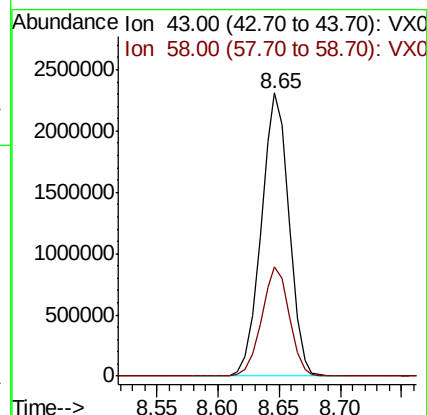
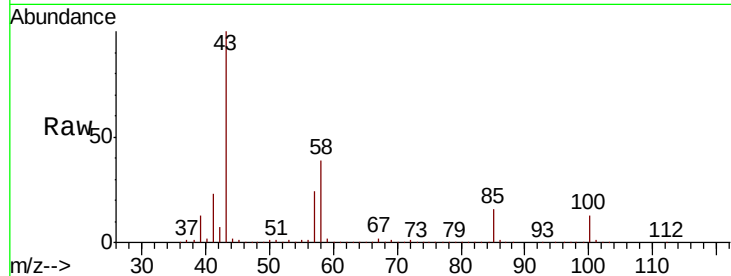
VSTDIC150

Tgt Ion: 43 Resp: 3649674

Ion Ratio Lower Upper

43 100

58 38.3 31.3 46.9



#52

Toluene

Concen: 131.401 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008351.D

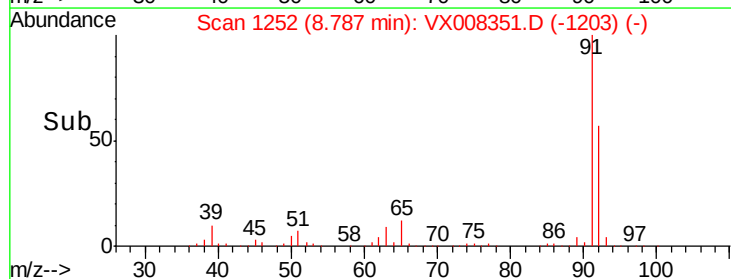
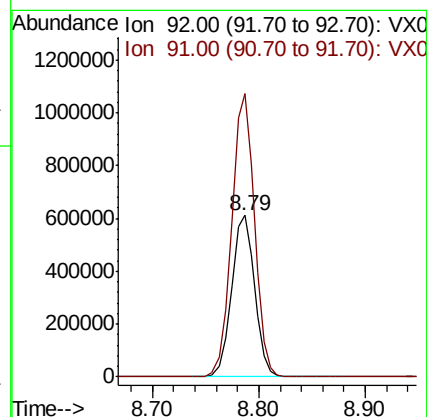
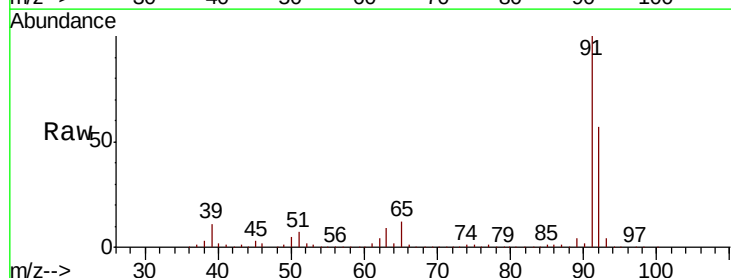
Acq: 23 Mar 2019 15:05

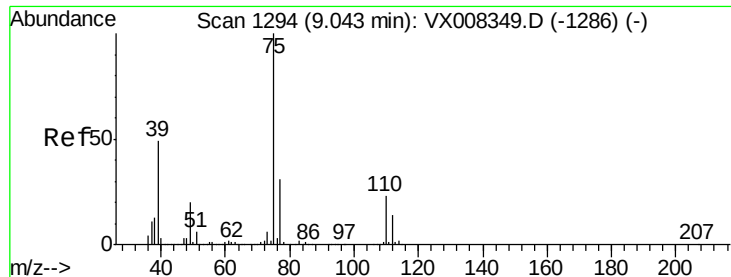
Tgt Ion: 92 Resp: 922368

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 144.488 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

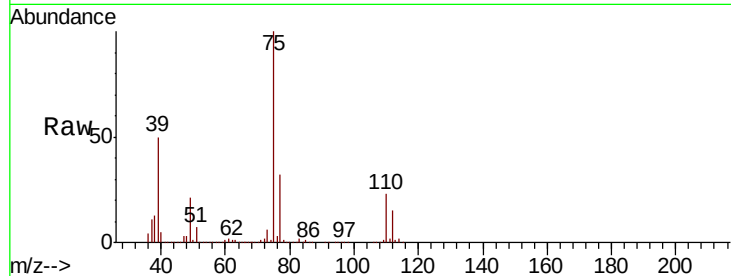
VSTDIC150

Tgt Ion: 75 Resp: 618004

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

300000

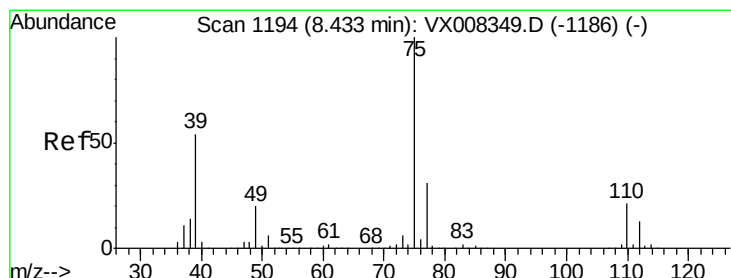
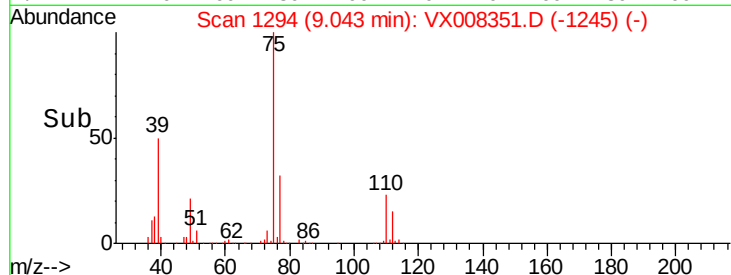
200000

100000

0

Time-->

9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 140.826 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

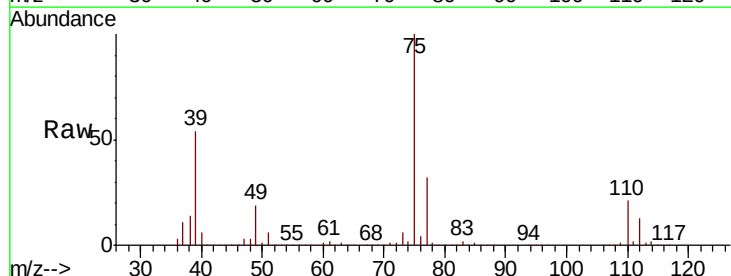
Tgt Ion: 75 Resp: 667974

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 53.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

500000

400000

300000

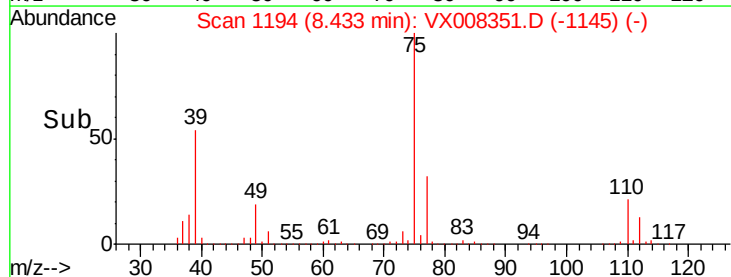
200000

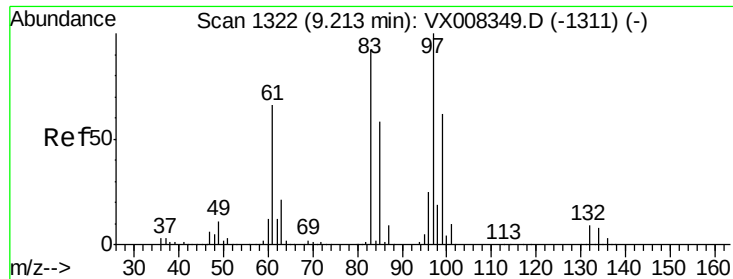
100000

0

Time-->

8.30 8.40 8.50 8.60

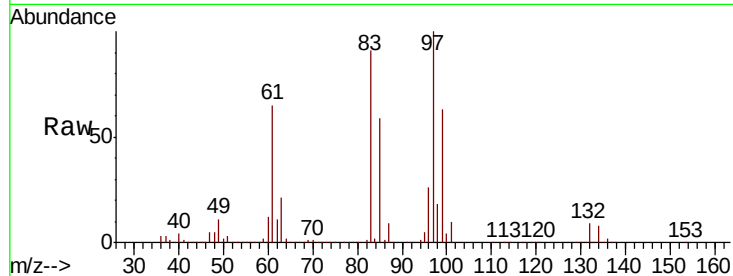




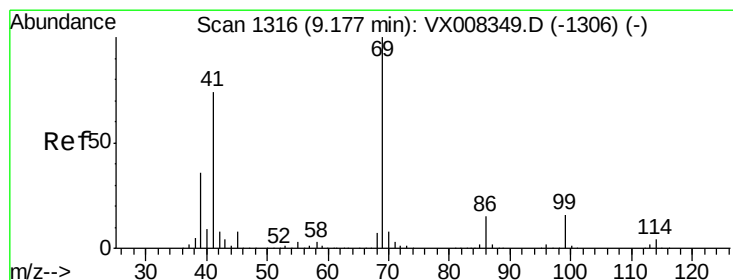
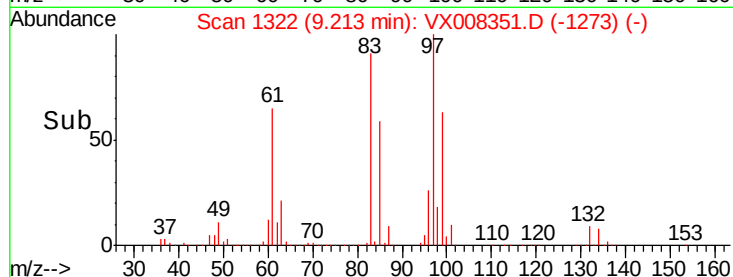
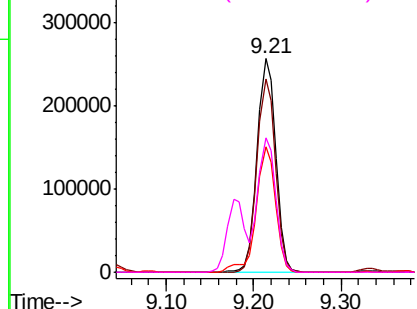
#55
 1,1,2-Trichloroethane
 Concen: 133.665 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 379084
 Ion Ratio Lower Upper
 97 100
 83 90.7 69.1 103.7
 85 58.6 44.3 66.5
 99 62.9 49.8 74.8

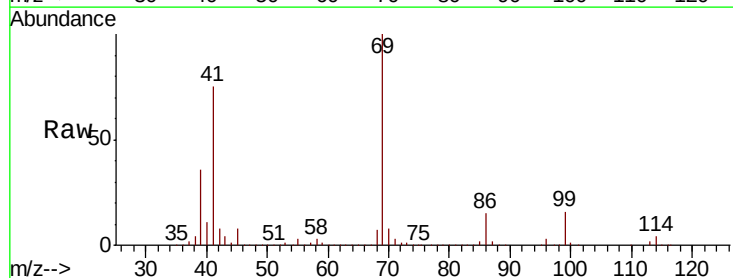


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

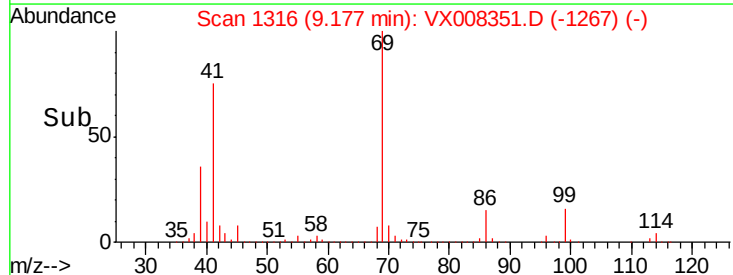
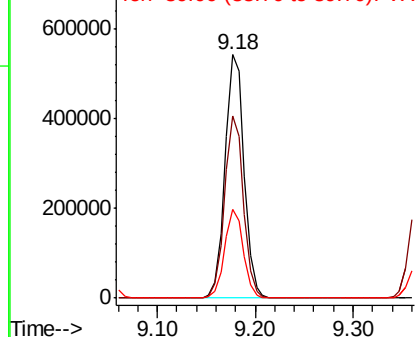


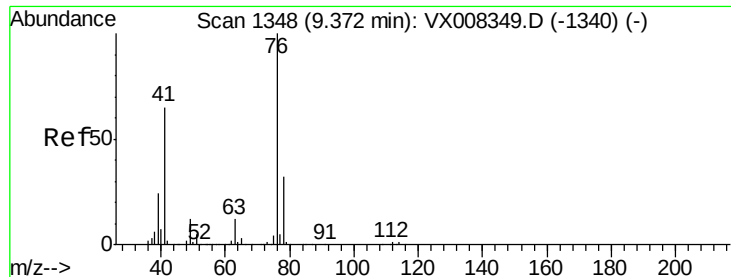
#56
 Ethyl methacrylate
 Concen: 160.731 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 69 Resp: 729182
 Ion Ratio Lower Upper
 69 100
 41 74.0 54.2 81.4
 39 35.9 25.0 37.4



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

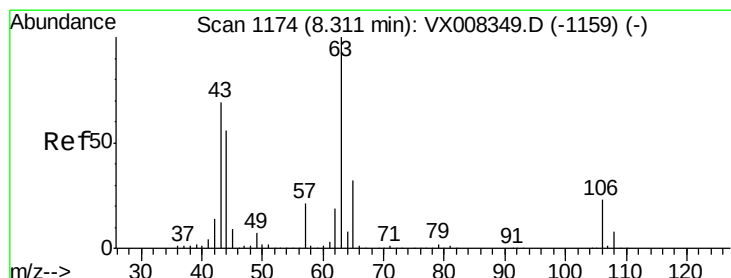
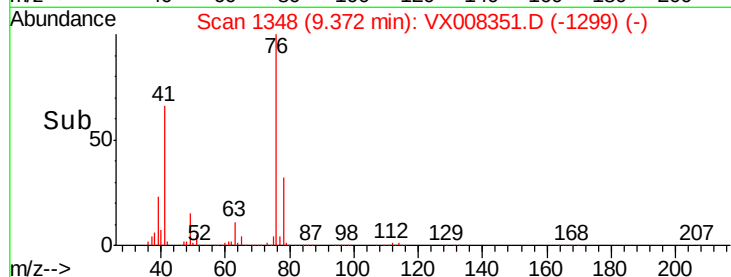
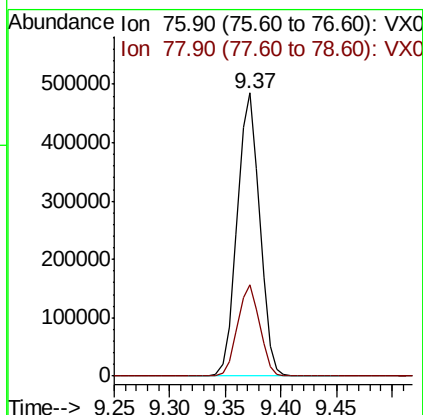
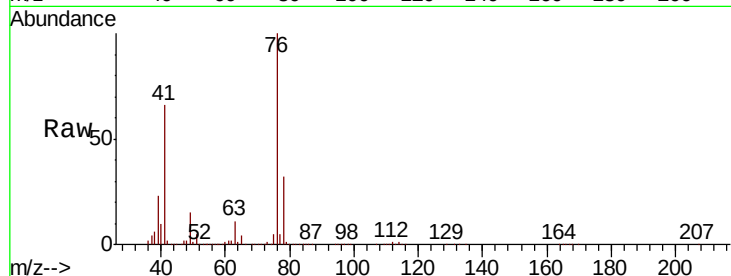




#57
 1,3-Dichloropropane
 Concen: 135.416 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

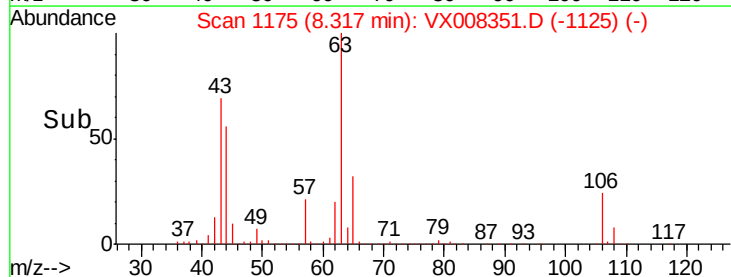
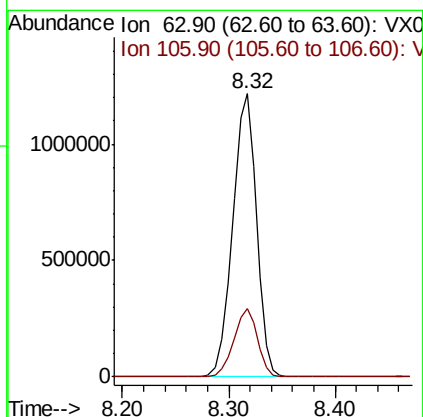
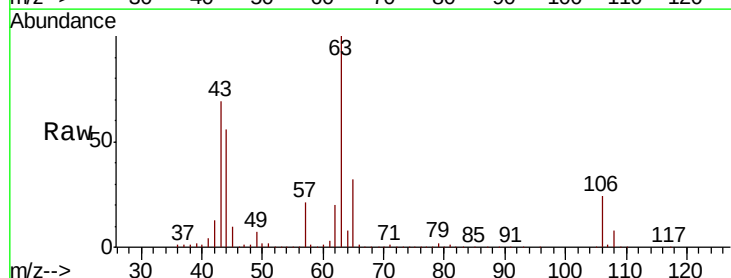
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

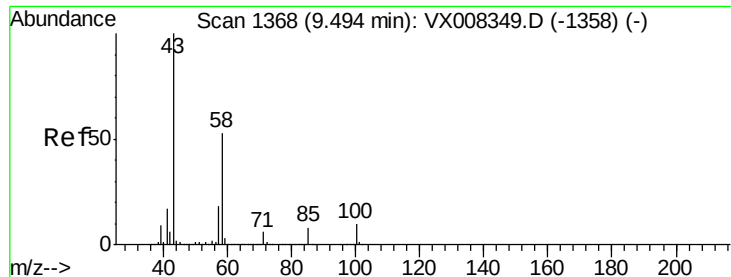
Tgt Ion: 76 Resp: 679389
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 820.823 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 63 Resp: 1907343
 Ion Ratio Lower Upper
 63 100
 106 23.9 22.2 33.2

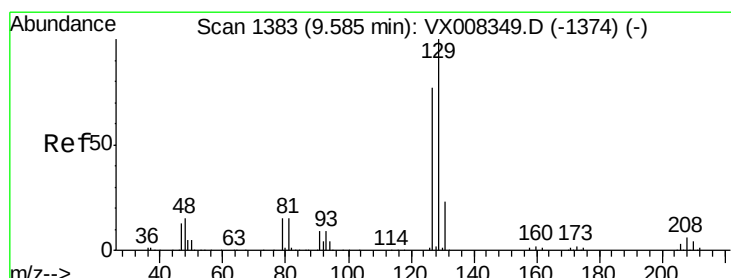
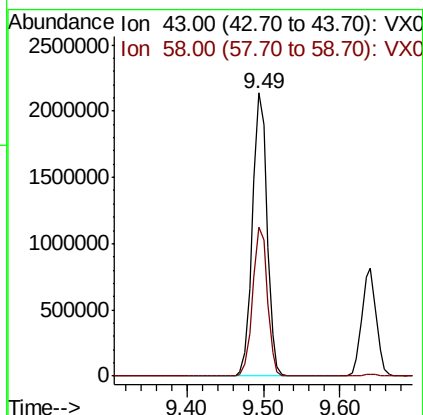
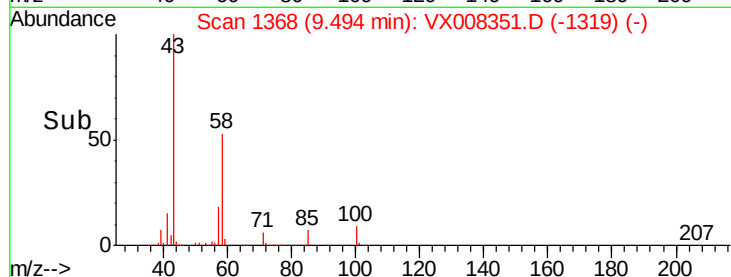
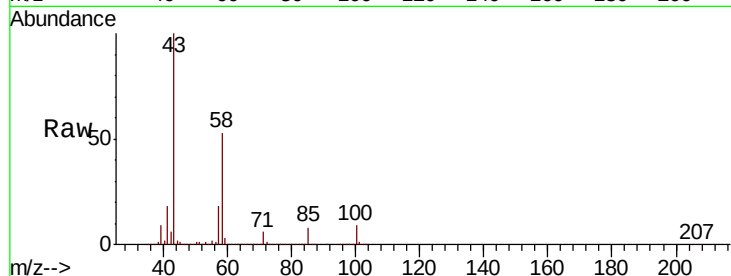




#59
2-Hexanone
Concen: 754.942 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

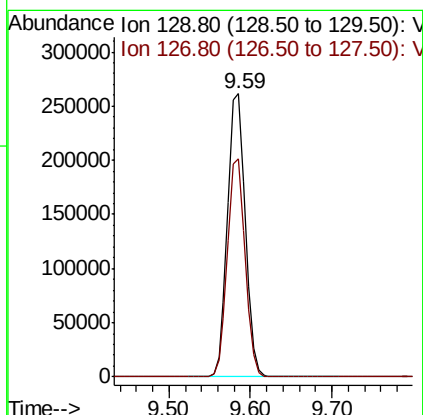
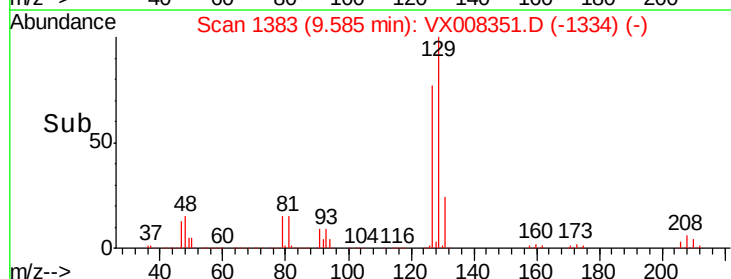
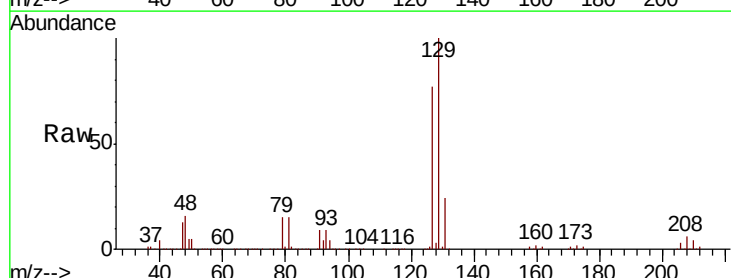
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

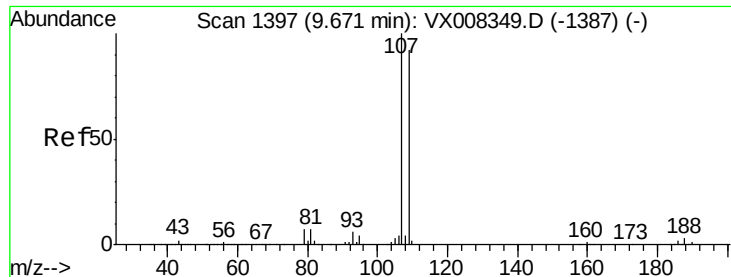
Tgt Ion: 43 Resp: 2846123
Ion Ratio Lower Upper
43 100
58 52.8 27.6 82.7



#60
Dibromochloromethane
Concen: 143.360 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 129 Resp: 390745
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 134.446 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

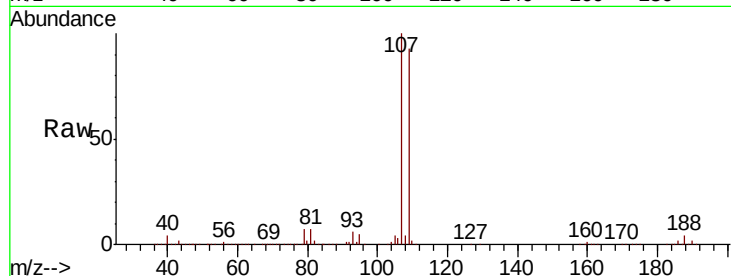
VSTDIC150

Tgt Ion: 107 Resp: 398140

Ion Ratio Lower Upper

107 100

109 93.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

150000

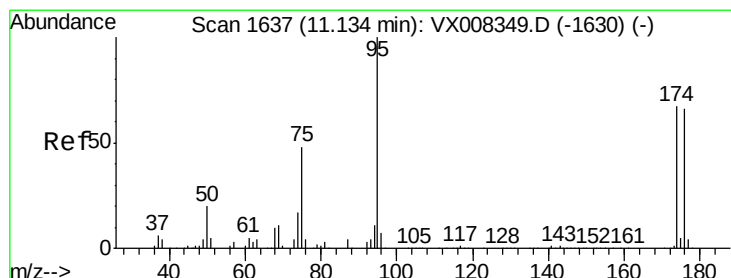
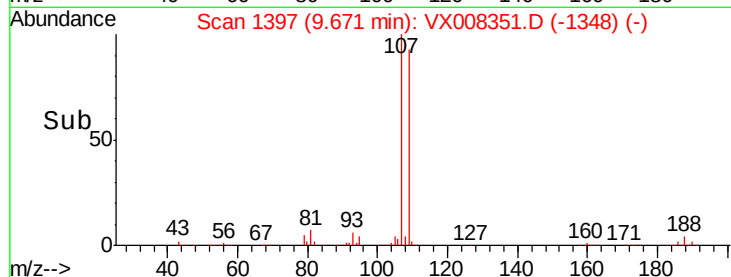
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 168.736 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

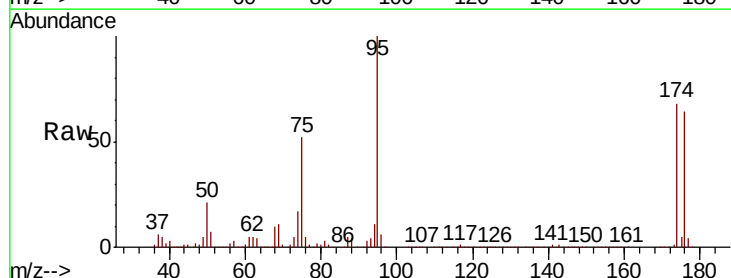
Tgt Ion: 95 Resp: 506309

Ion Ratio Lower Upper

95 100

174 74.2 0.0 182.8

176 71.6 0.0 178.0



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

500000

400000

300000

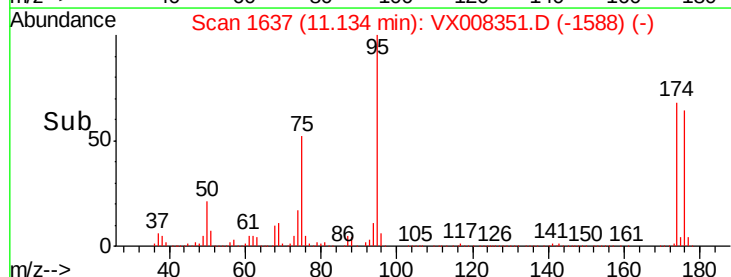
200000

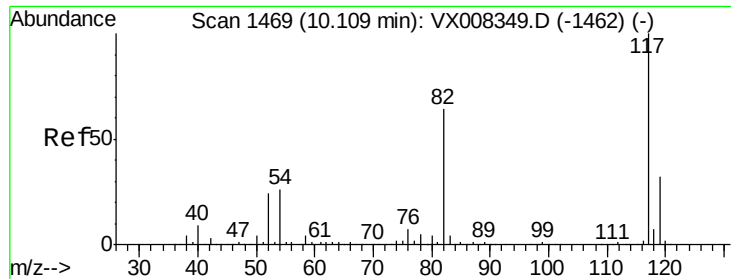
100000

0

Time-->

11.10 11.20

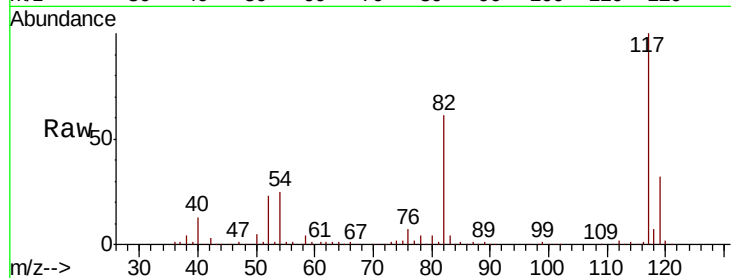




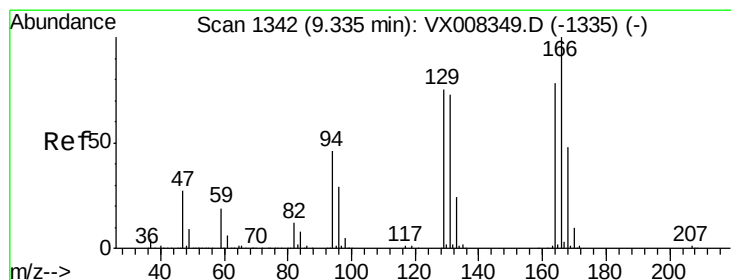
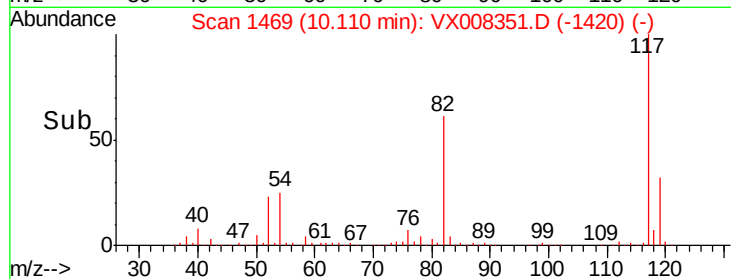
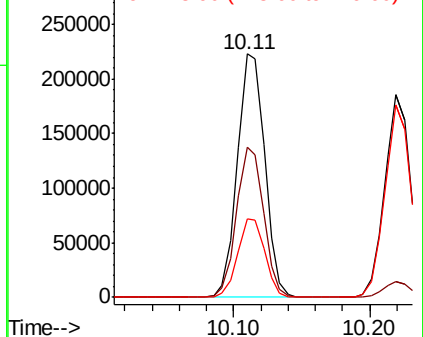
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 313624
Ion Ratio Lower Upper
117 100
82 61.4 44.3 66.5
119 32.2 25.3 37.9



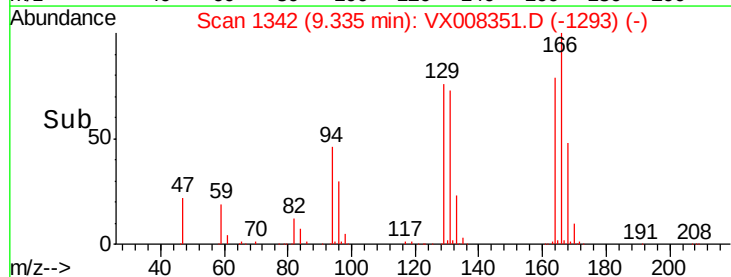
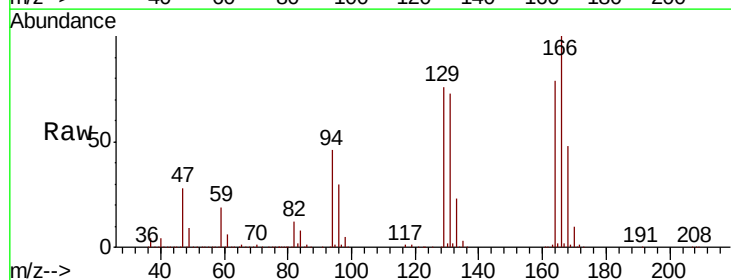
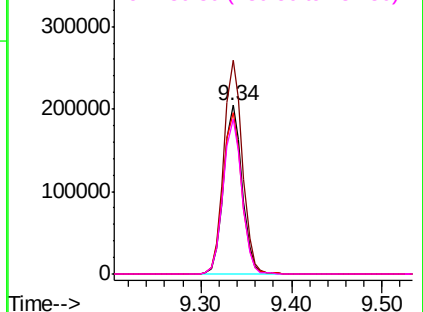
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

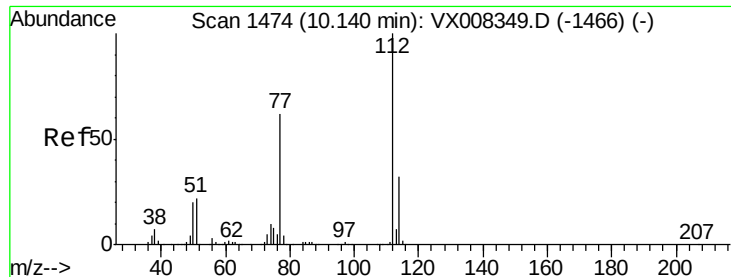


#64
Tetrachloroethene
Concen: 102.797 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion:164 Resp: 290861
Ion Ratio Lower Upper
164 100
166 126.5 103.4 155.0
129 95.9 72.2 108.4
131 91.8 69.4 104.2

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

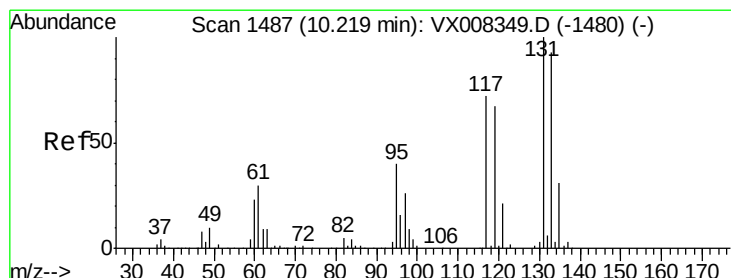
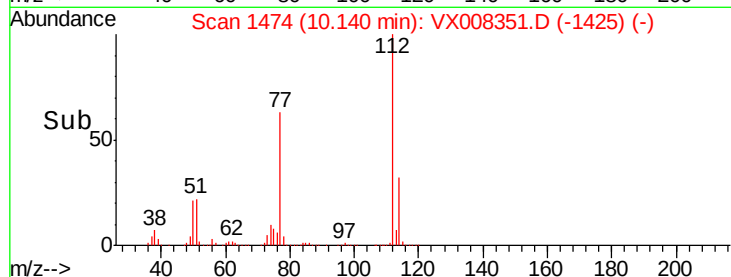
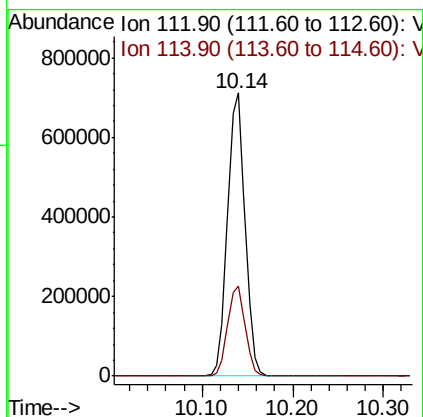
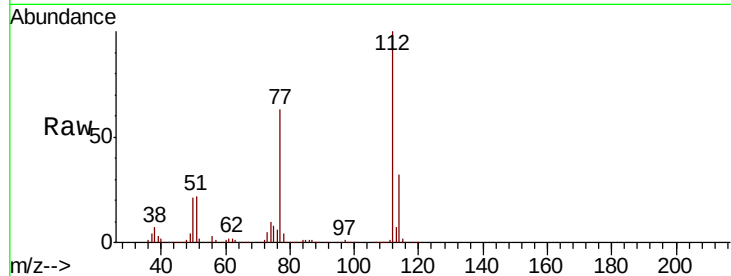




#65
Chlorobenzene
Concen: 123.810 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

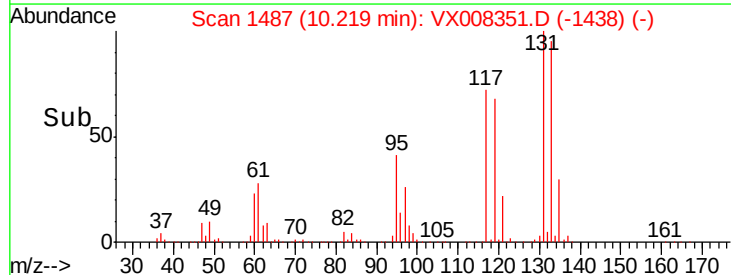
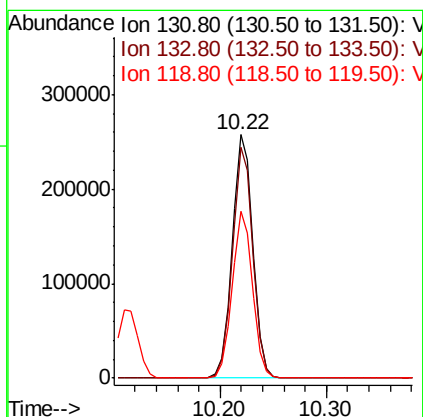
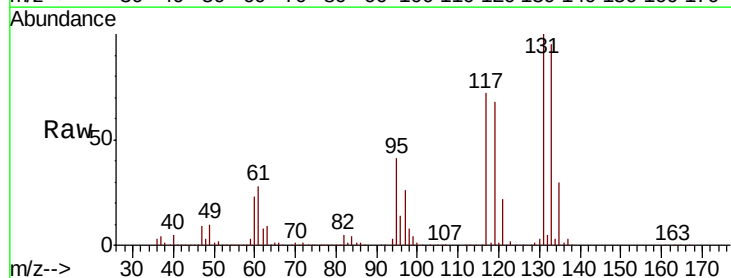
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

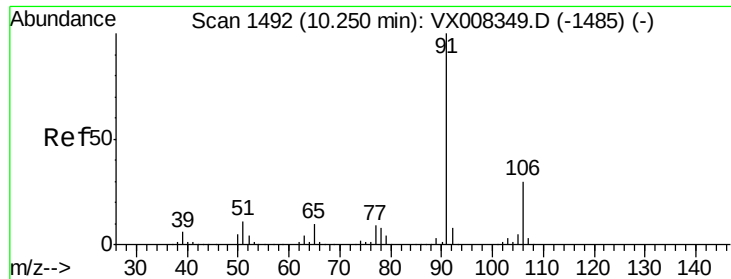
Tgt Ion:112 Resp: 955443
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 129.374 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion:131 Resp: 348096
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 67.8 32.5 97.5

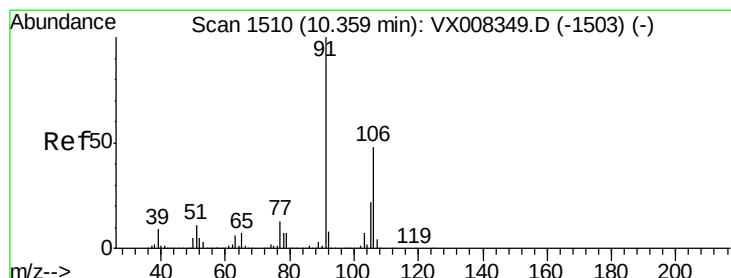
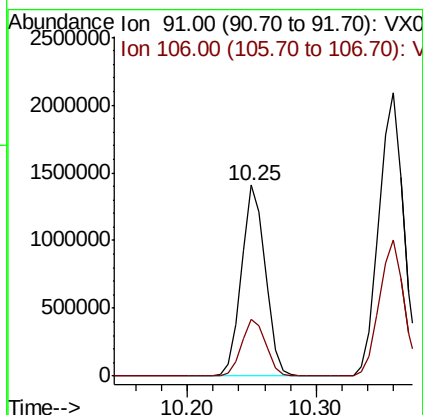
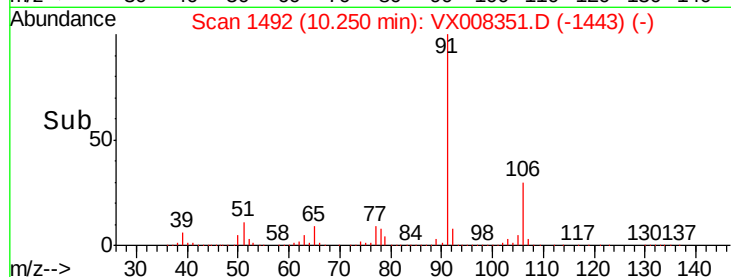
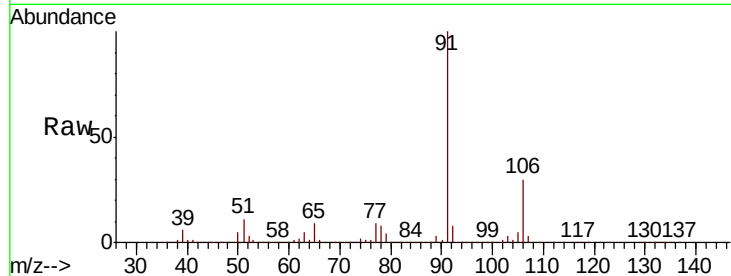




#67
Ethyl Benzene
Concen: 132.750 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

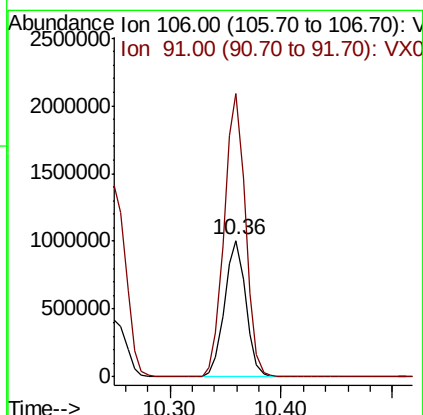
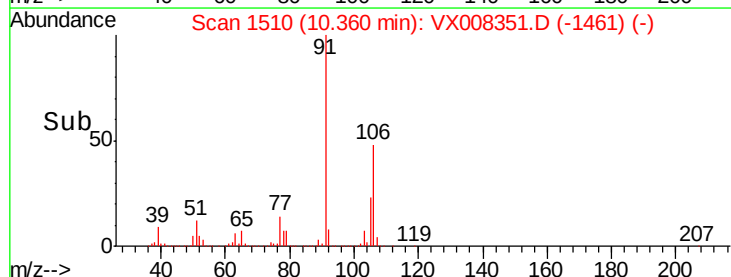
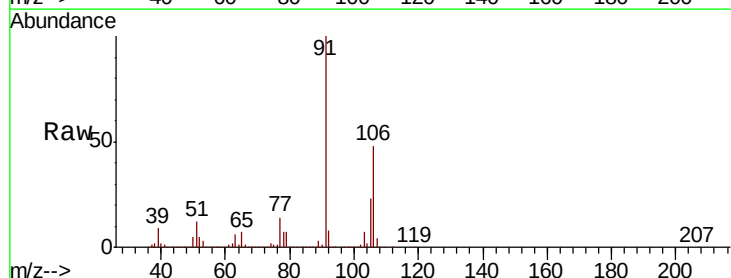
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

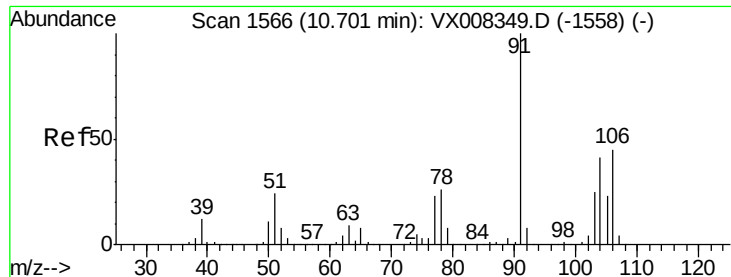
Tgt Ion: 91 Resp: 1805266
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



#68
m/p-Xylenes
Concen: 264.722 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 106 Resp: 1322399
Ion Ratio Lower Upper
106 100
91 208.6 159.8 239.6

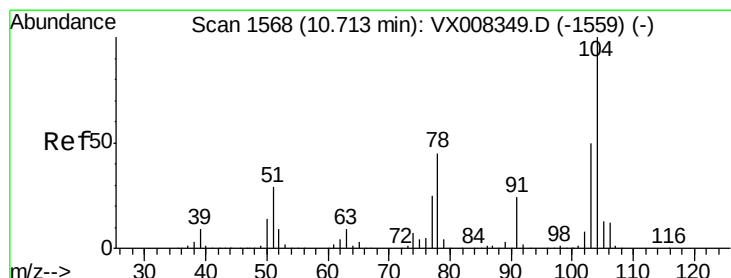
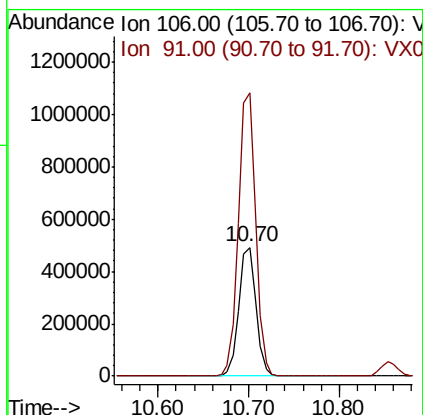
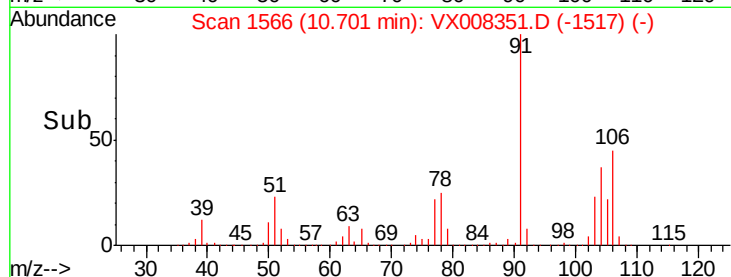
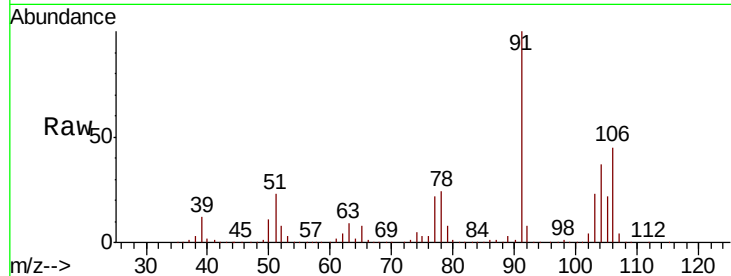




#69
o-Xylene
Concen: 133.208 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

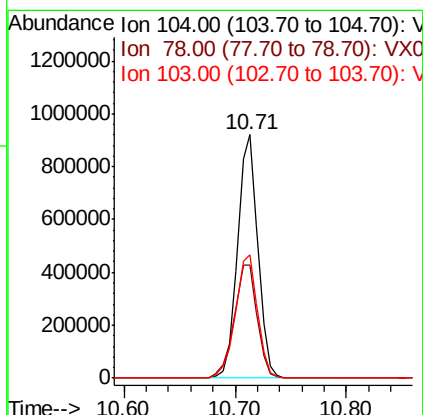
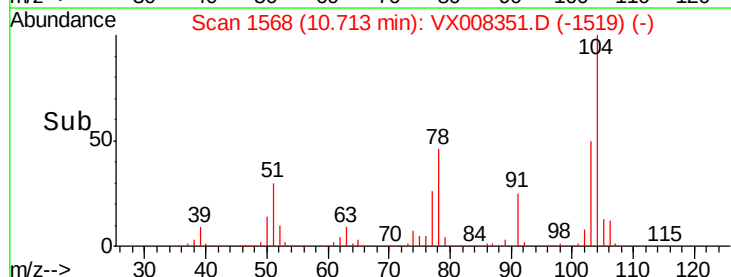
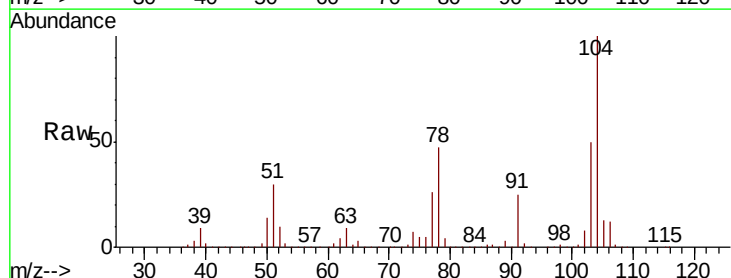
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

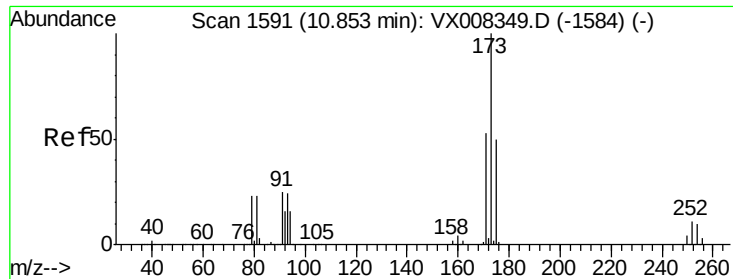
Tgt Ion:106 Resp: 646601
Ion Ratio Lower Upper
106 100
91 221.4 106.3 318.9



#70
Styrene
Concen: 146.667 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion:104 Resp: 1157010
Ion Ratio Lower Upper
104 100
78 52.9 38.5 57.7
103 55.3 44.1 66.1





#71

Bromoform

Concen: 145.459 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

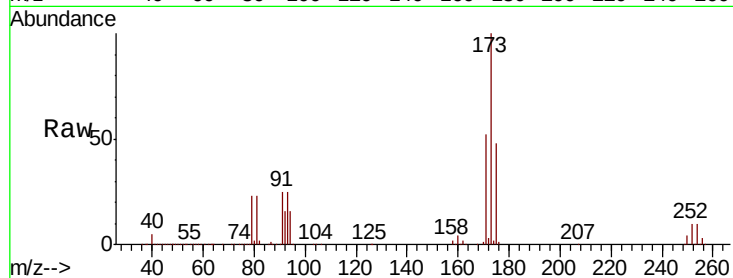
Tgt Ion:173 Resp: 297706

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.9

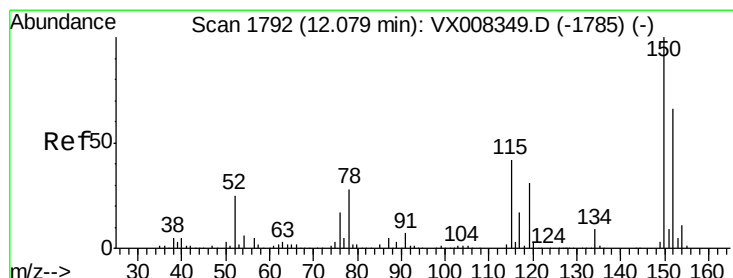
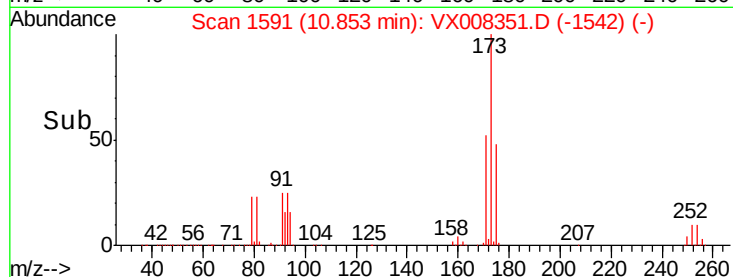
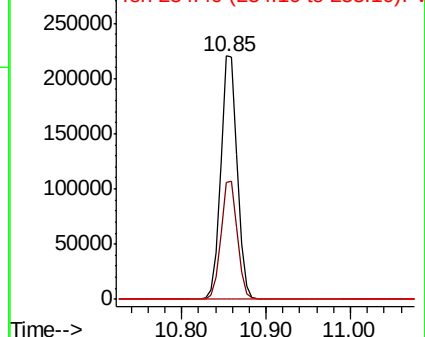
254 0.2 0.1 0.1#



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

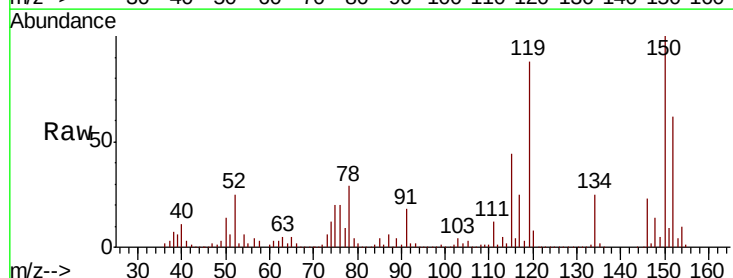
Tgt Ion:152 Resp: 154242

Ion Ratio Lower Upper

152 100

115 135.7 38.6 115.7#

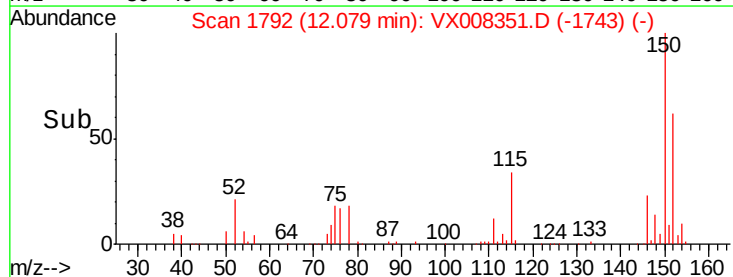
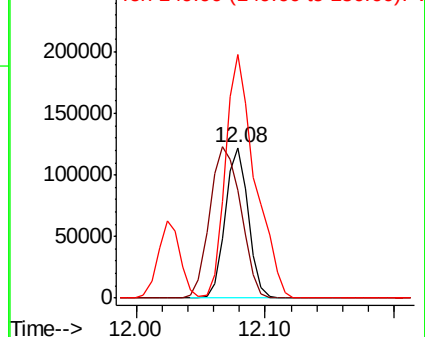
150 206.8 0.0 348.4

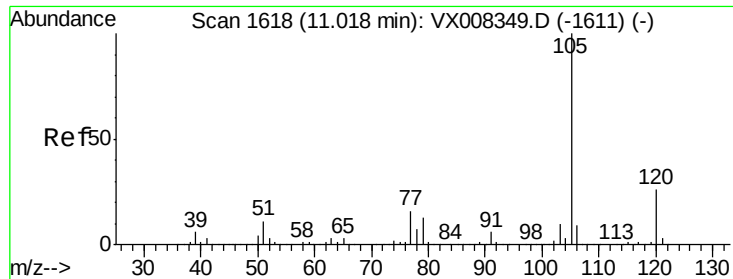


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 123.274 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

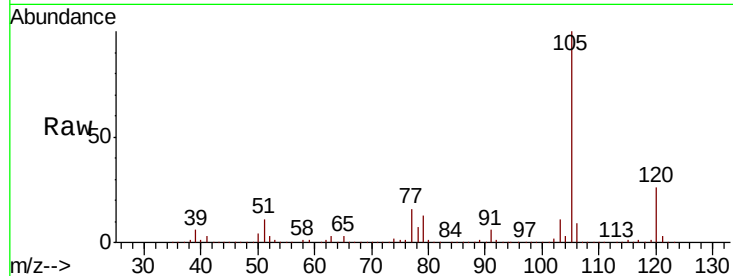
VSTDIC150

Tgt Ion:105 Resp: 1694821

Ion Ratio Lower Upper

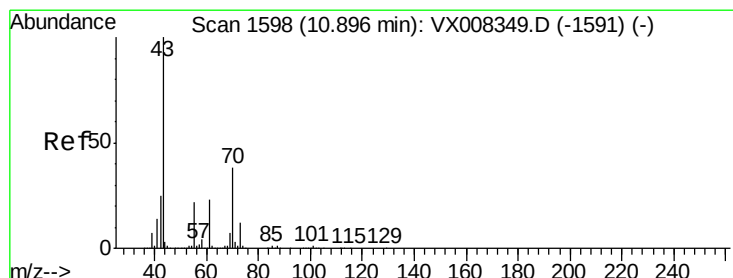
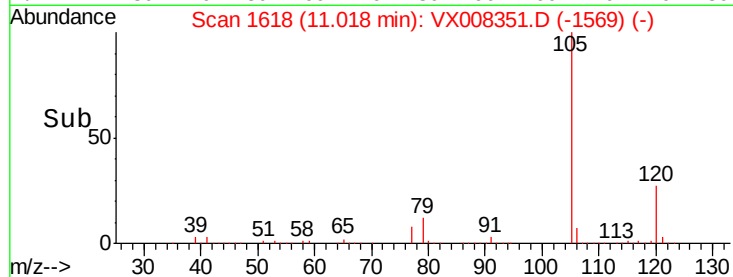
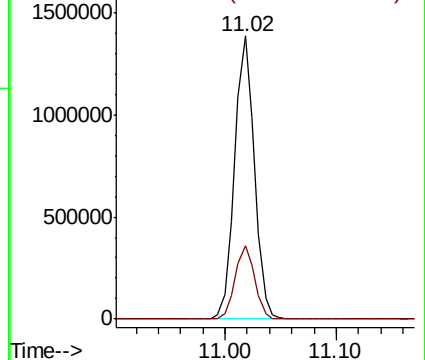
105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 149.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Tgt Ion: 43 Resp: 1074707

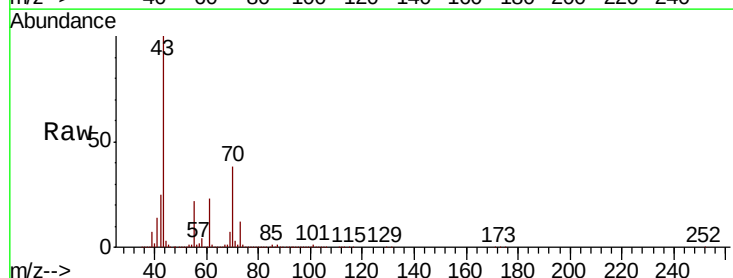
Ion Ratio Lower Upper

43 100

70 38.2 33.5 50.3

55 22.3 19.2 28.8

61 23.2 19.0 28.6

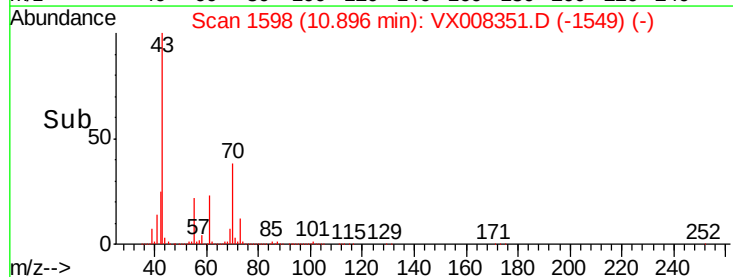
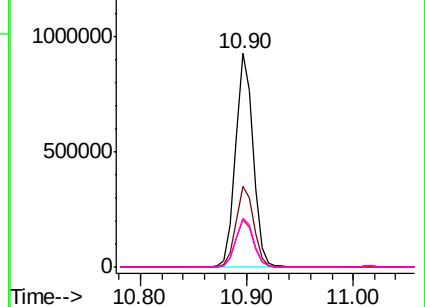


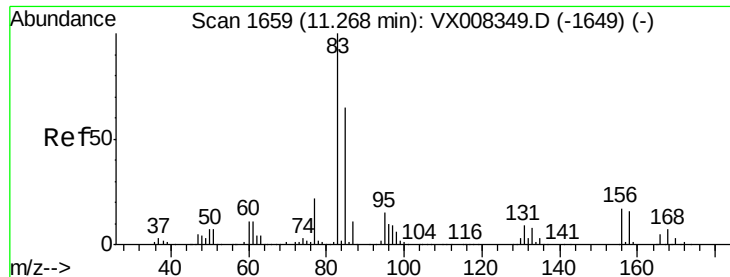
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 135.891 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

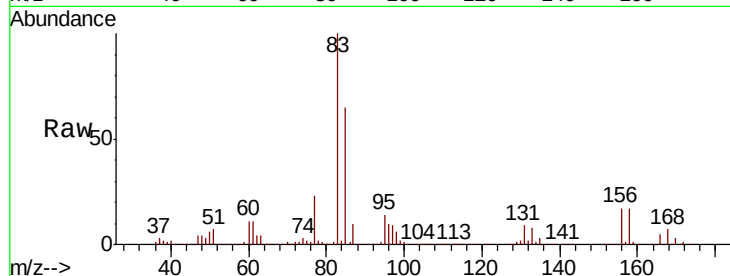
Tgt Ion: 83 Resp: 669928

Ion Ratio Lower Upper

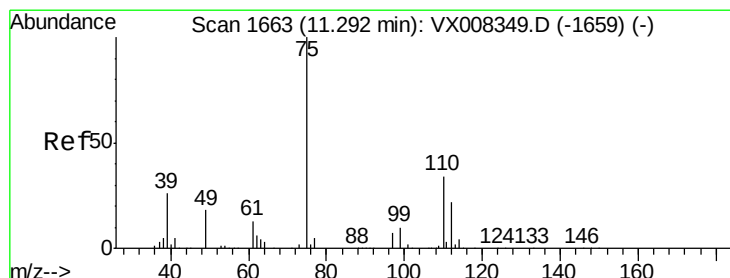
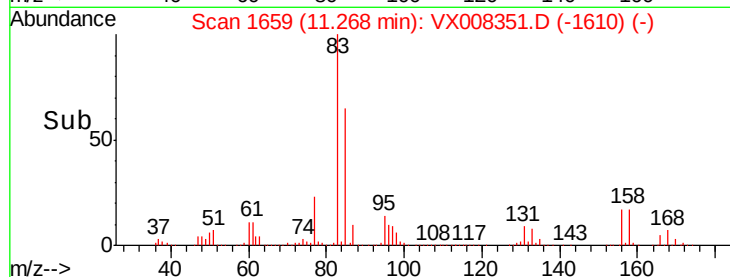
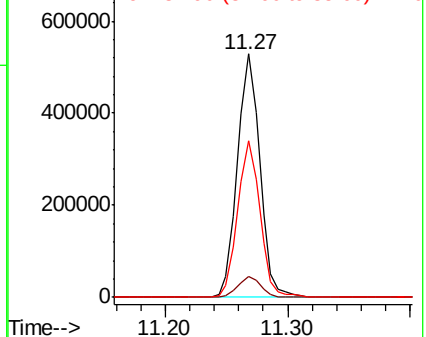
83 100

131 8.9 5.4 16.2

85 64.0 32.3 96.8



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: 184.155 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008351.D

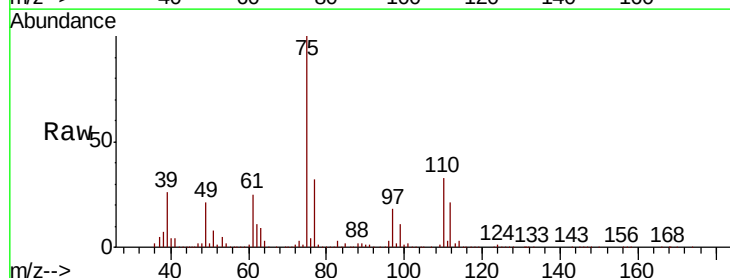
Acq: 23 Mar 2019 15:05

Tgt Ion: 75 Resp: 798905

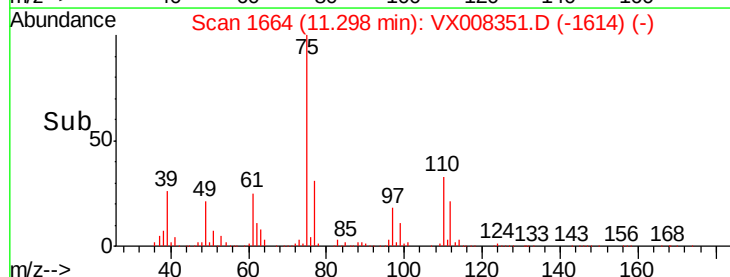
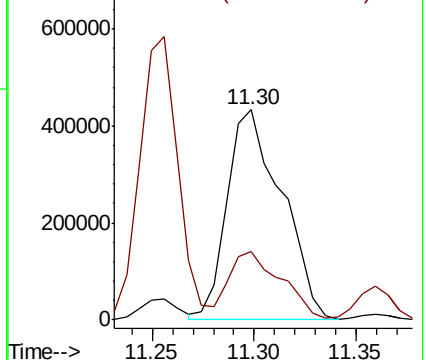
Ion Ratio Lower Upper

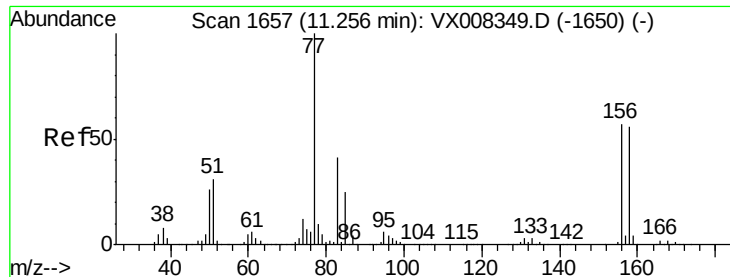
75 100

77 31.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 122.514 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

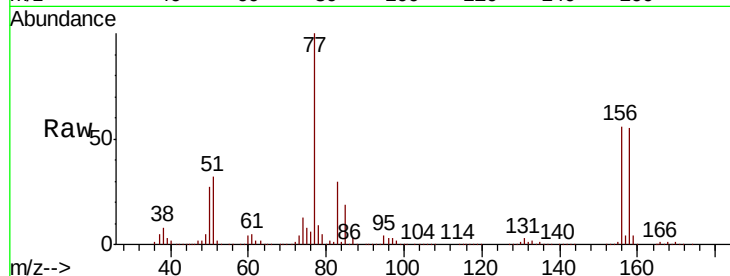
Tgt Ion:156 Resp: 407251

Ion Ratio Lower Upper

156 100

77 187.0 72.0 215.9

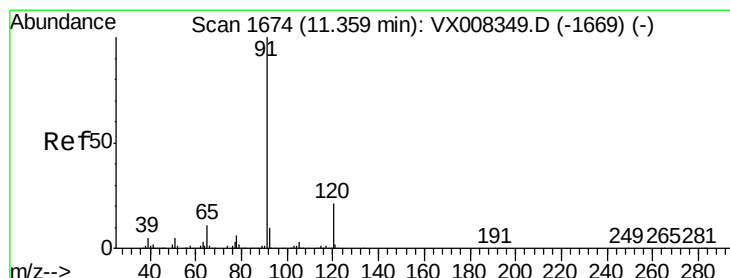
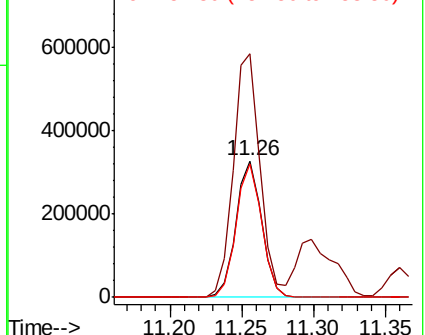
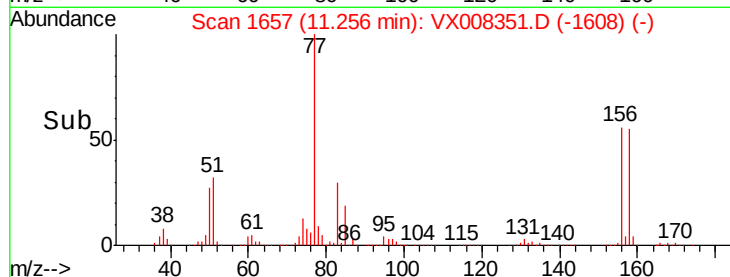
158 97.6 48.6 145.9



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: 127.794 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008351.D

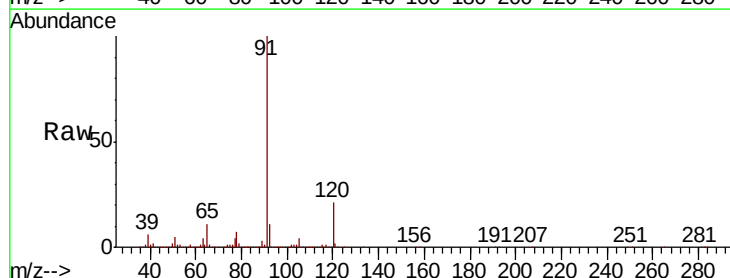
Acq: 23 Mar 2019 15:05

Tgt Ion: 91 Resp: 2040647

Ion Ratio Lower Upper

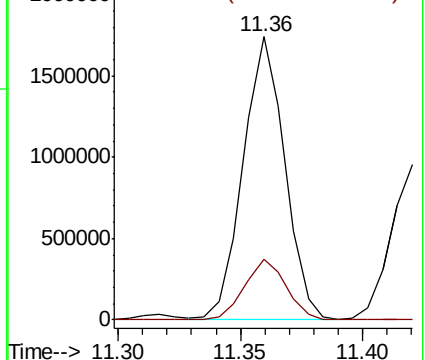
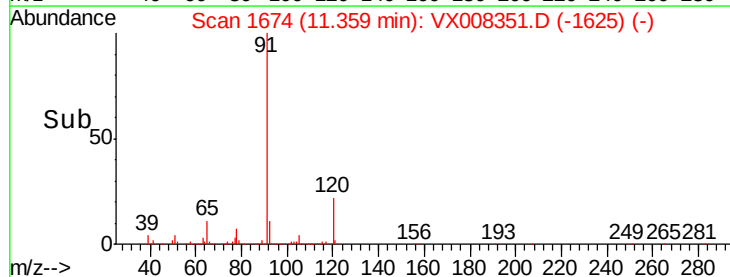
91 100

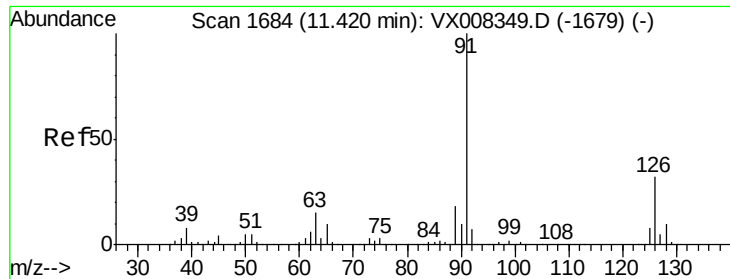
120 21.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

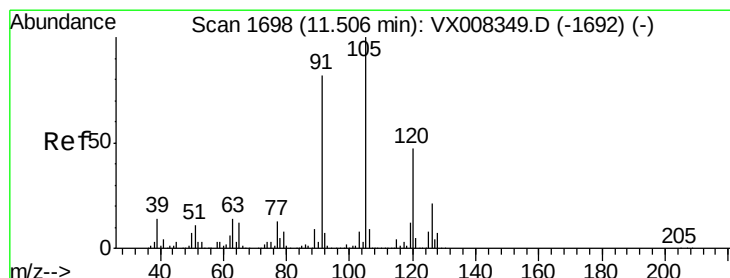
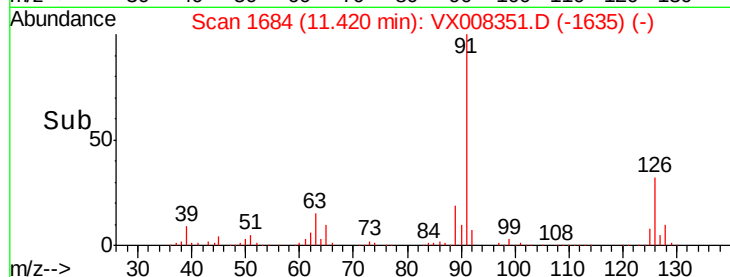
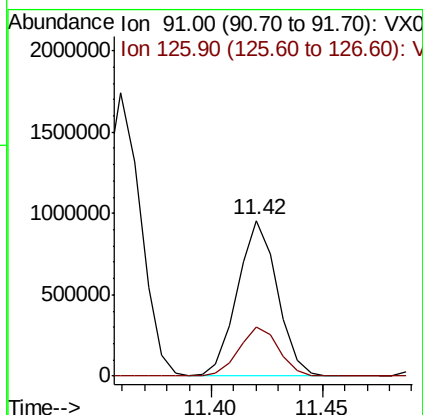
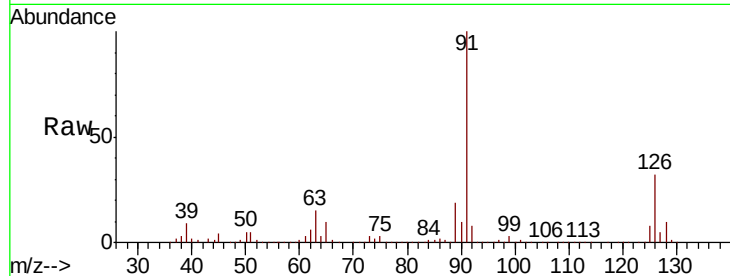




#79
 2-Chlorotoluene
 Concen: 124.655 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

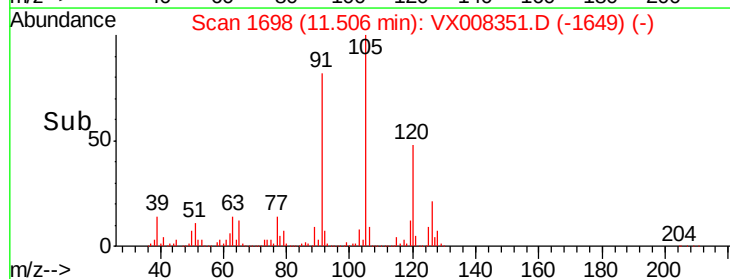
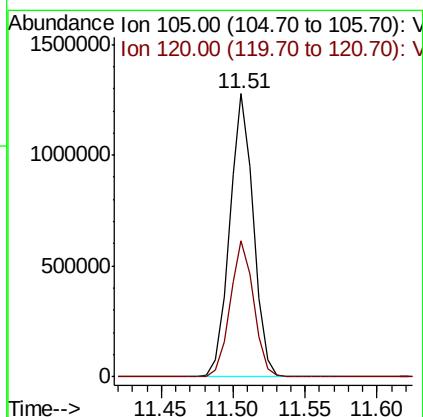
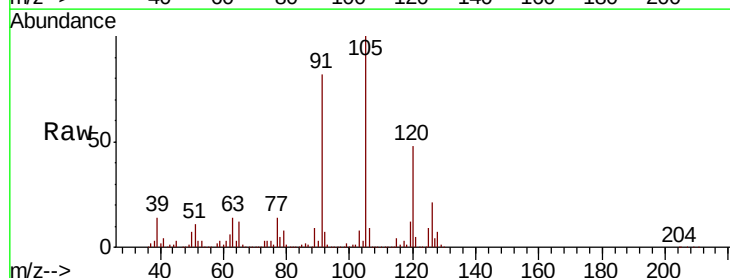
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

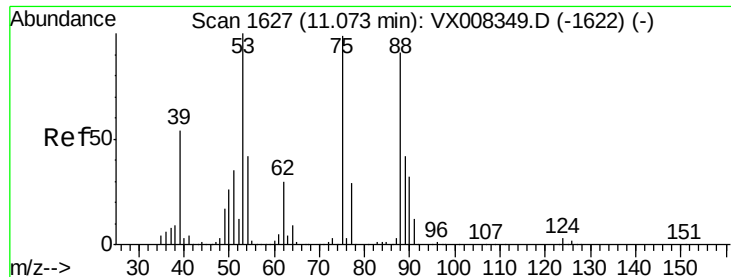
Tgt Ion: 91 Resp: 1194723
 Ion Ratio Lower Upper
 91 100
 126 31.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 129.864 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 105 Resp: 1475052
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 161.595 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

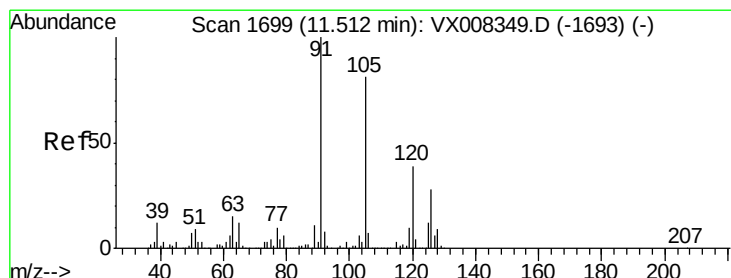
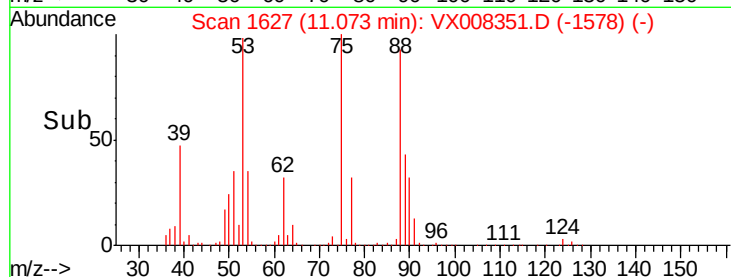
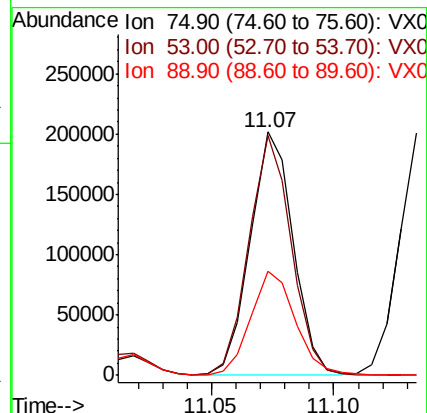
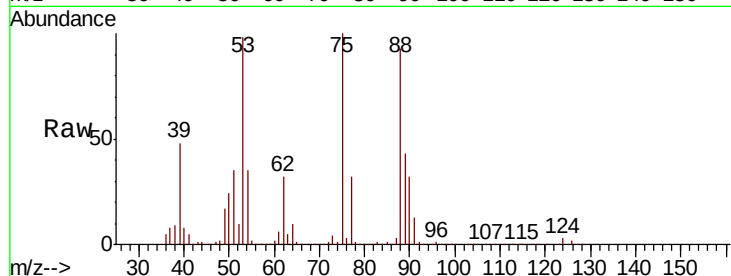
Tgt Ion: 75 Resp: 245089

Ion Ratio Lower Upper

75 100

53 97.3 76.1 114.1

89 45.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 128.629 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008351.D

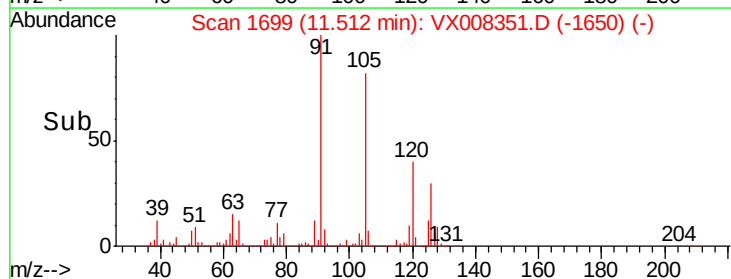
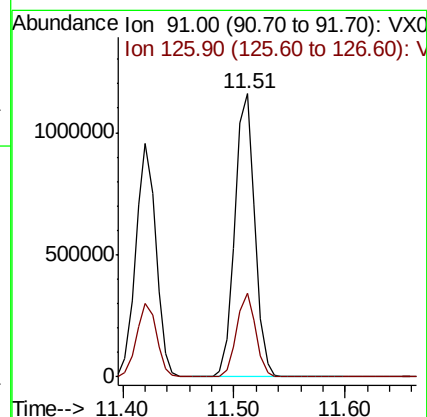
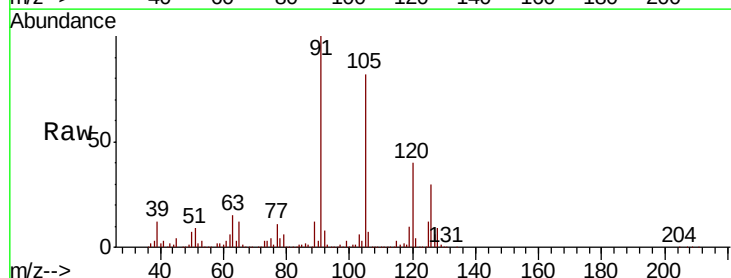
Acq: 23 Mar 2019 15:05

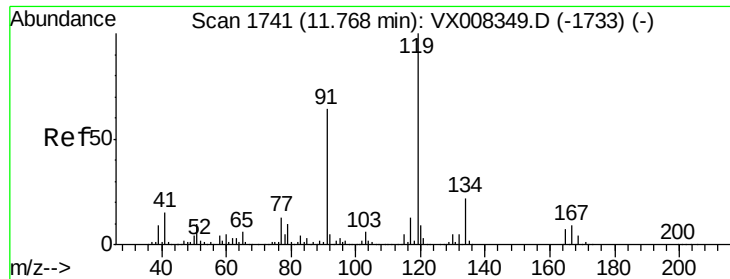
Tgt Ion: 91 Resp: 1434578

Ion Ratio Lower Upper

91 100

126 28.3 15.6 46.8

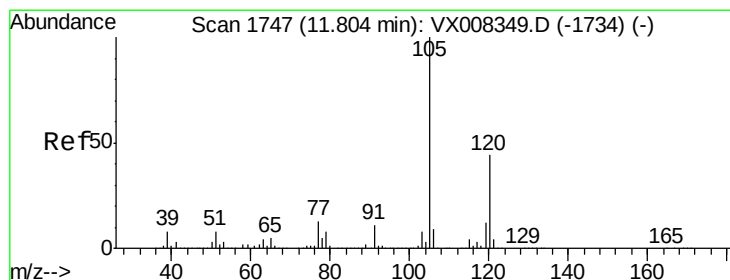
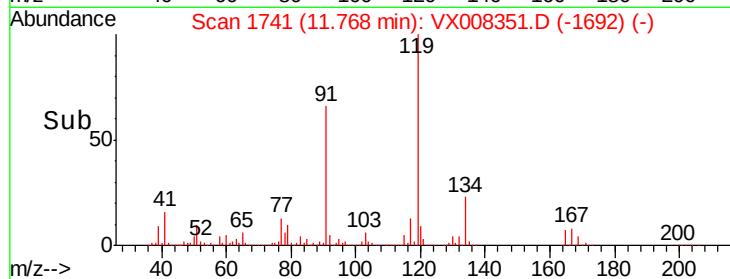
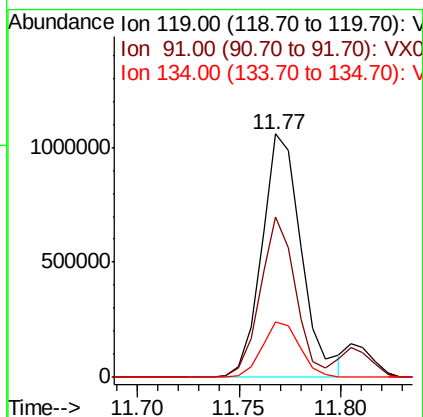
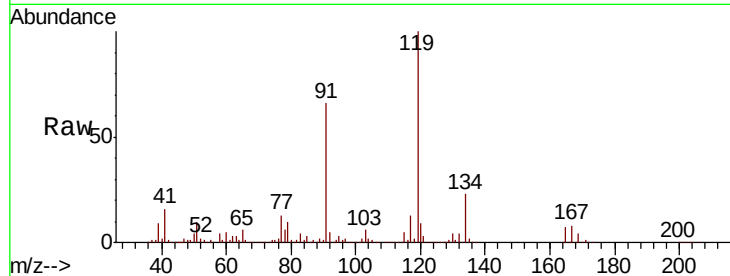




#83
 tert-Butylbenzene
 Concen: 131.749 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

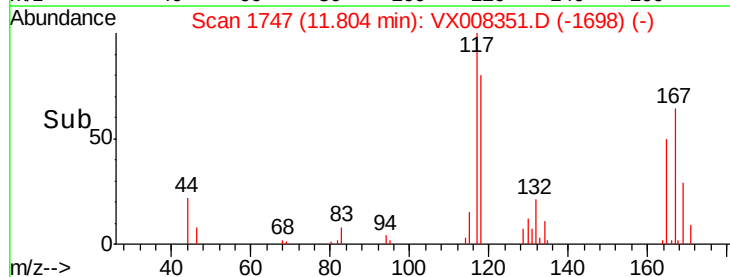
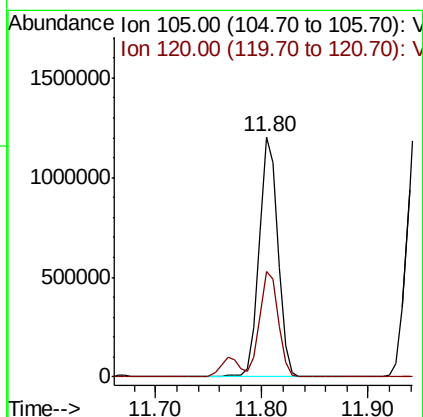
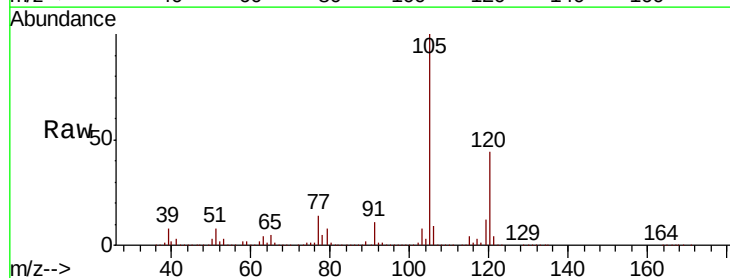
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

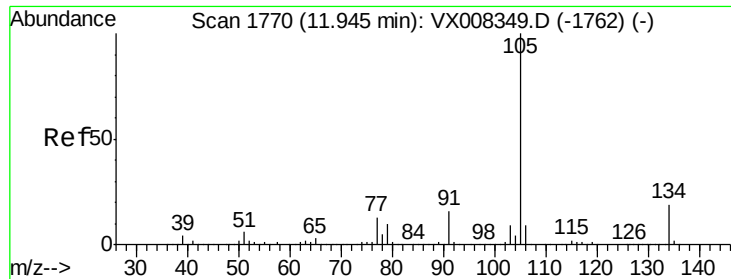
Tgt Ion:119 Resp: 1428716
 Ion Ratio Lower Upper
 119 100
 91 58.8 27.1 81.3
 134 21.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 129.253 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion:105 Resp: 1488336
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 125.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

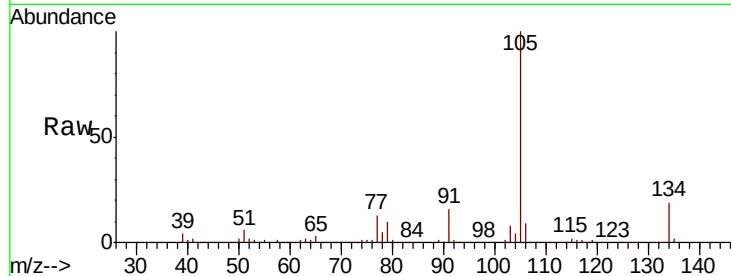
VSTDIC150

Tgt Ion:105 Resp: 1686132

Ion Ratio Lower Upper

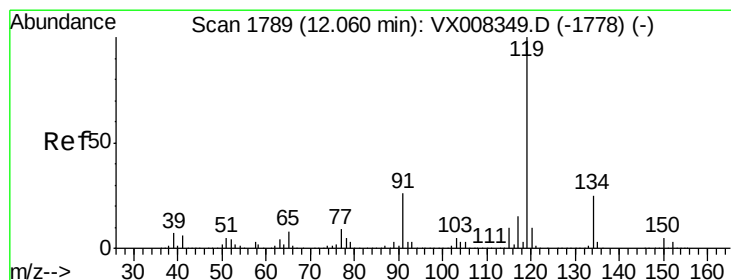
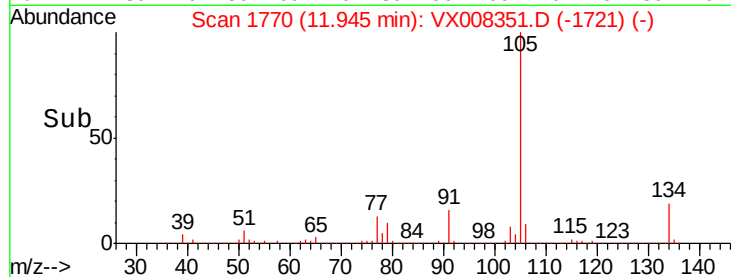
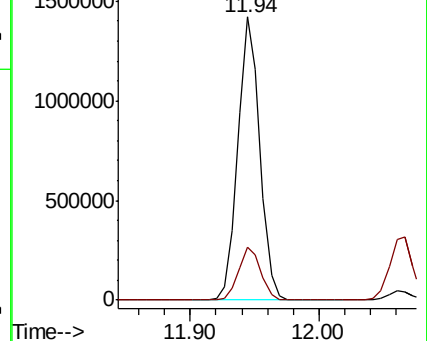
105 100

134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 132.409 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

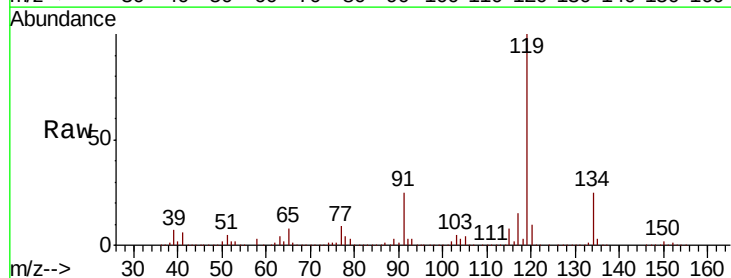
Tgt Ion:119 Resp: 1539173

Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.9

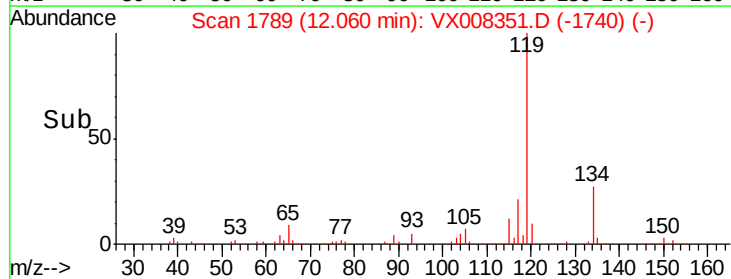
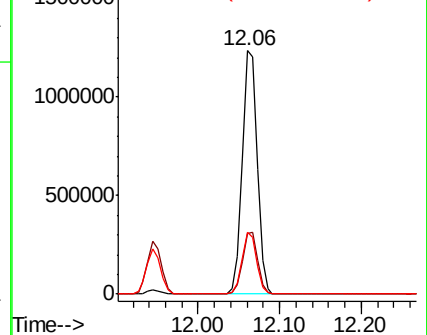
91 24.5 10.9 32.7

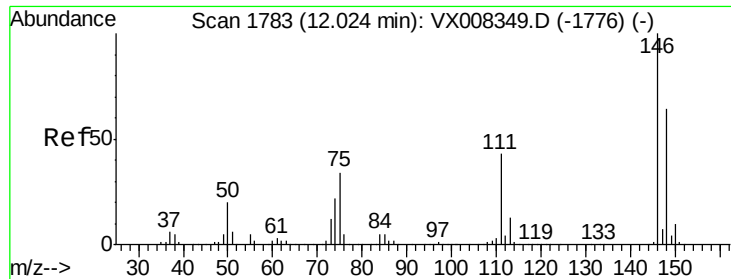


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 125.917 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

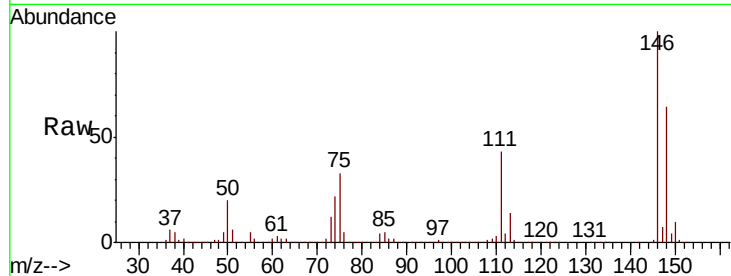
Tgt Ion:146 Resp: 748031

Ion Ratio Lower Upper

146 100

111 42.0 18.9 56.7

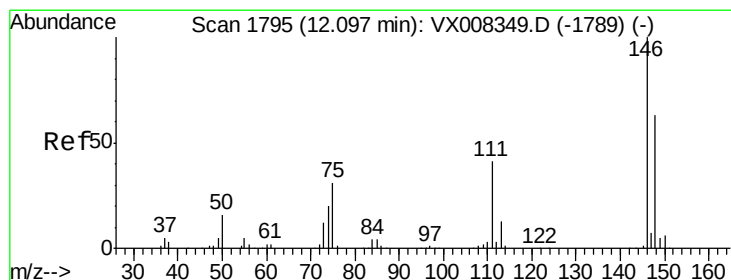
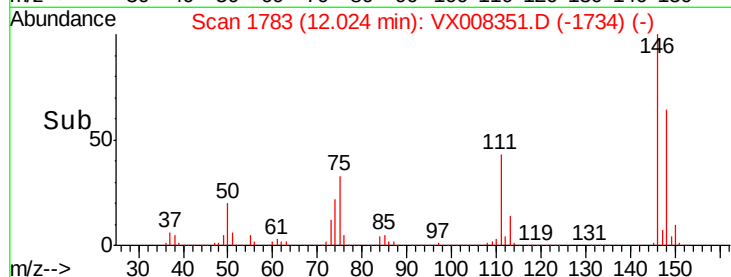
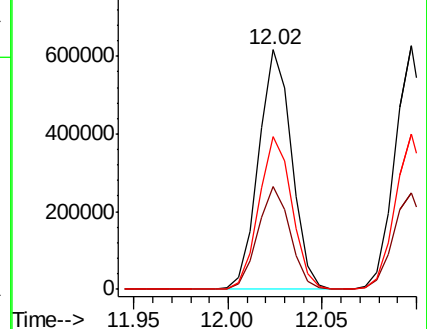
148 63.8 31.7 95.1



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: 122.279 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

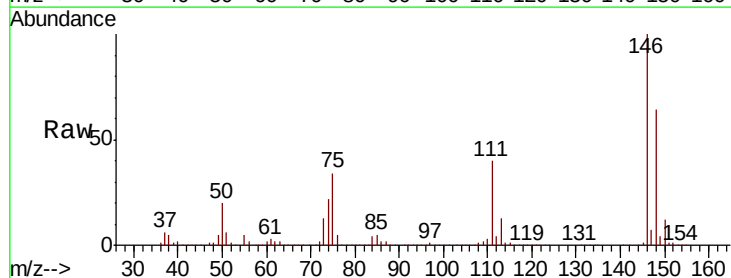
Tgt Ion:146 Resp: 751387

Ion Ratio Lower Upper

146 100

111 40.4 18.4 55.0

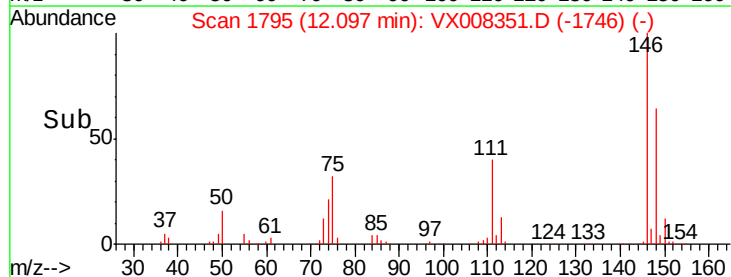
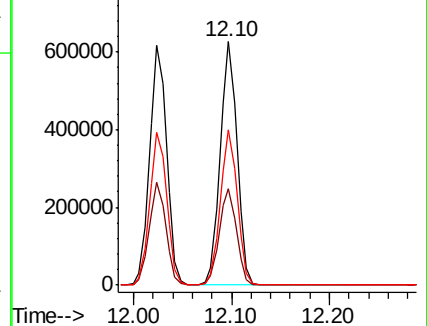
148 63.8 32.2 96.6

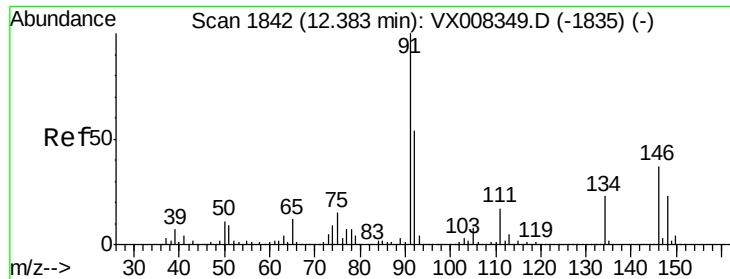


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

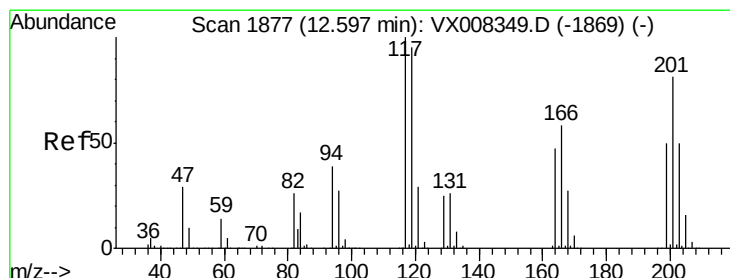
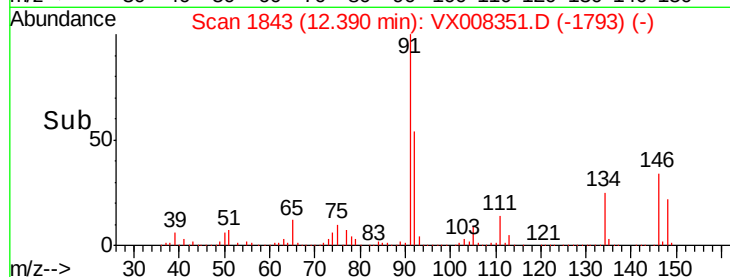
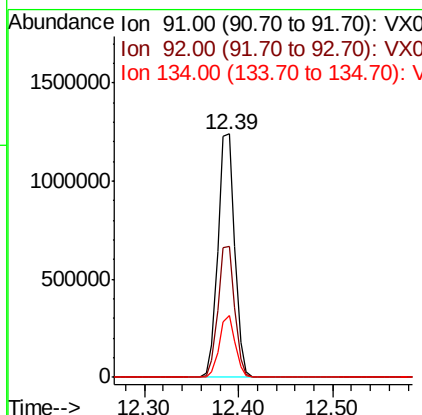
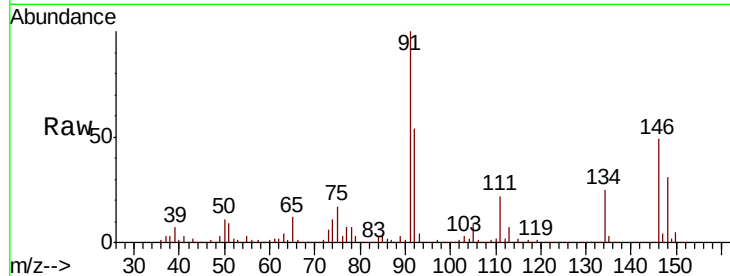




#89
n-Butylbenzene
Concen: 139.964 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

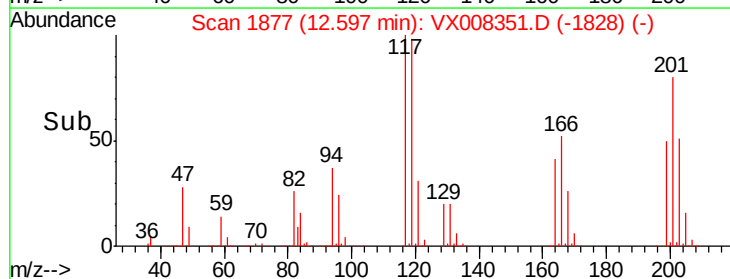
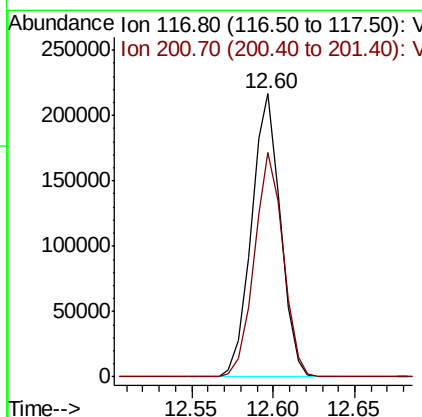
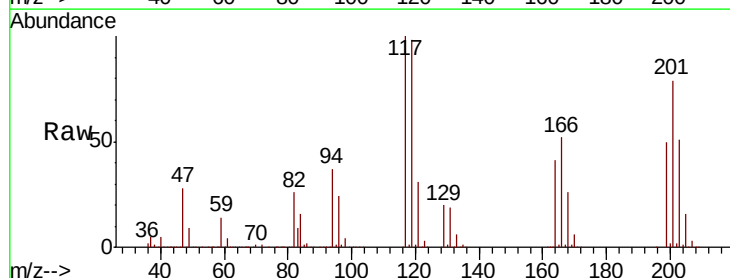
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

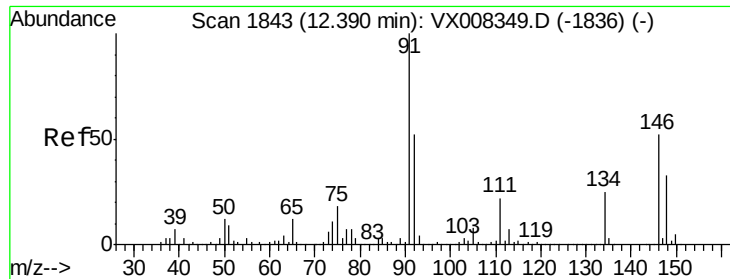
Tgt Ion: 91 Resp: 1527055
Ion Ratio Lower Upper
91 100
92 53.6 27.0 80.8
134 24.0 13.7 41.0



#90
Hexachloroethane
Concen: 135.505 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion: 117 Resp: 268266
Ion Ratio Lower Upper
117 100
201 78.8 48.9 146.7

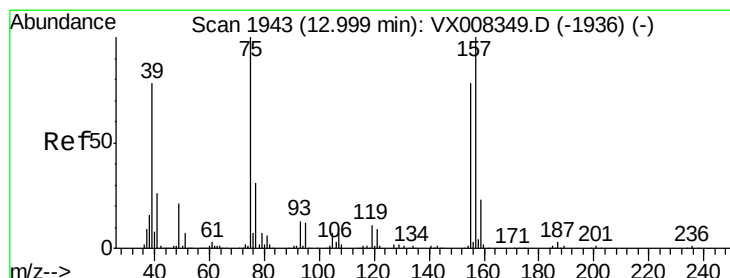
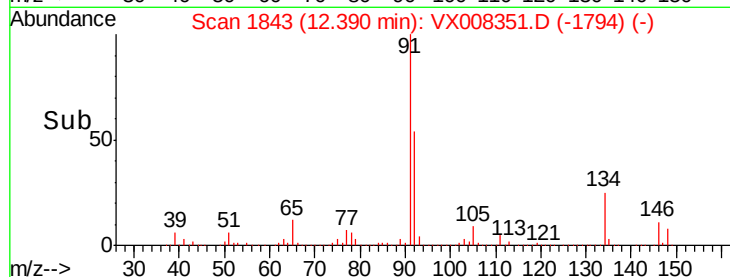
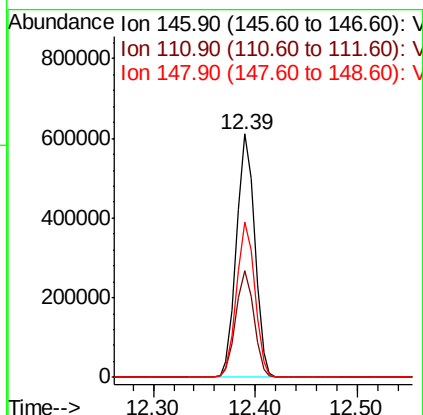
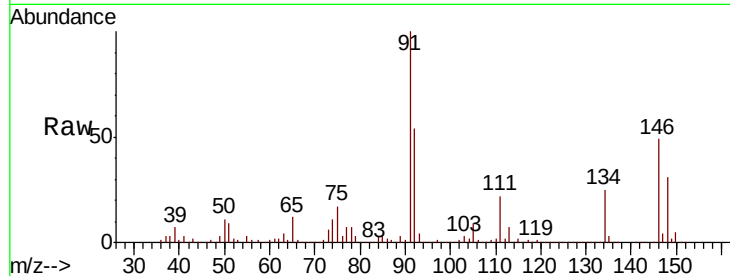




#91
 1,2-Dichlorobenzene
 Concen: 125.169 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

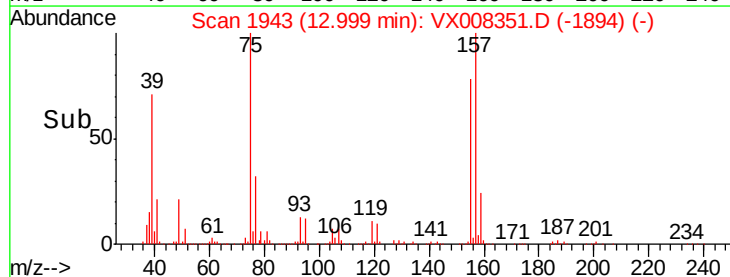
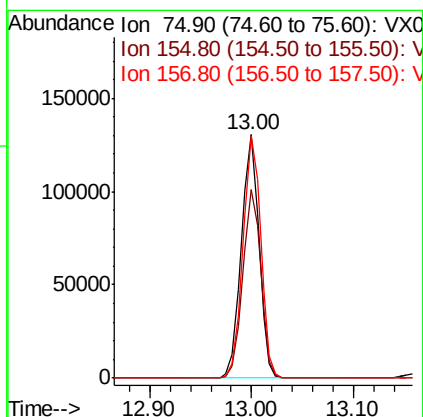
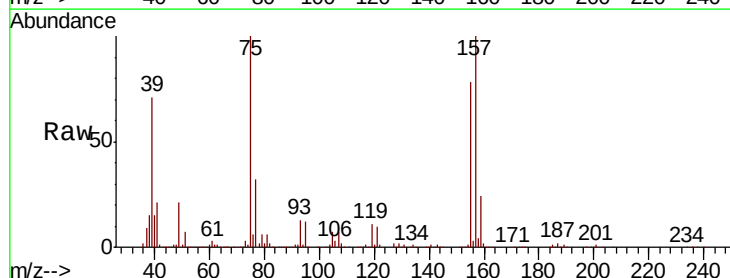
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

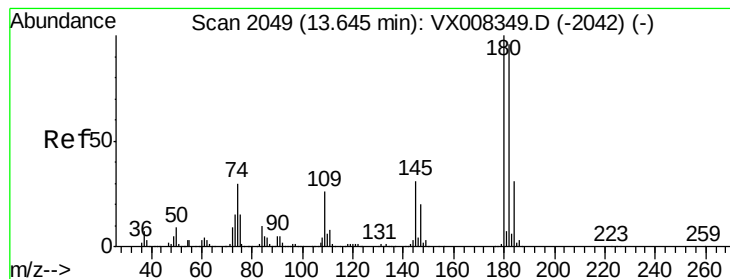
Tgt Ion: 146 Resp: 749752
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.6 58.8
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.440 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008351.D
 Acq: 23 Mar 2019 15:05

Tgt Ion: 75 Resp: 154873
 Ion Ratio Lower Upper
 75 100
 155 78.7 49.7 149.1
 157 100.9 63.8 191.4





#93

1,2,4-Trichlorobenzene

Concen: 134.248 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

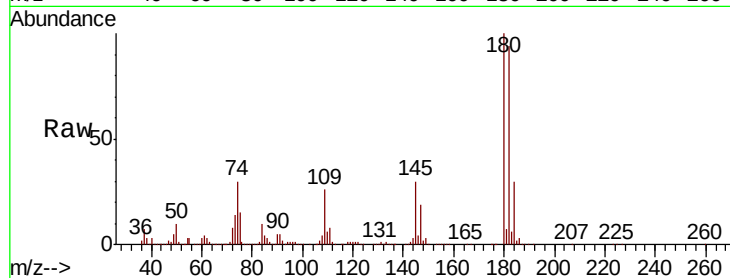
Tgt Ion:180 Resp: 529674

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

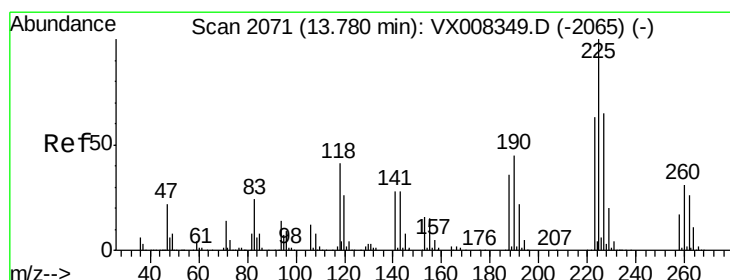
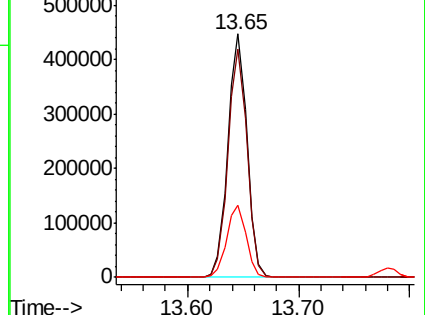
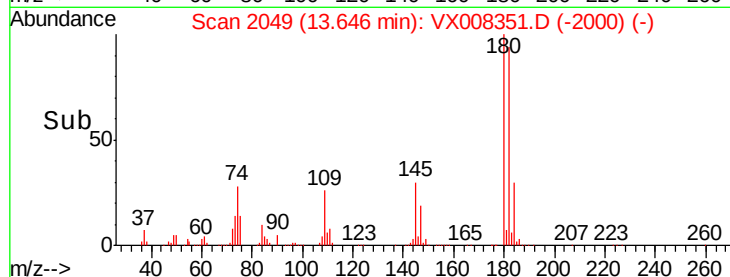
145 30.3 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 127.285 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008351.D

Acq: 23 Mar 2019 15:05

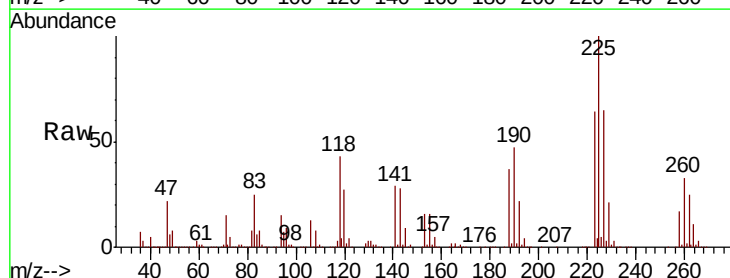
Tgt Ion:225 Resp: 244928

Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

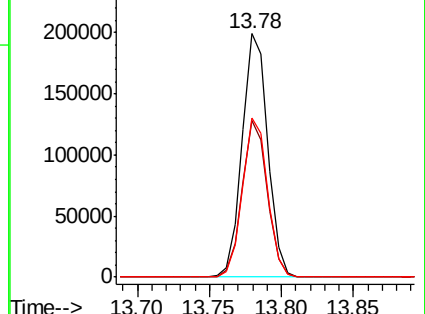
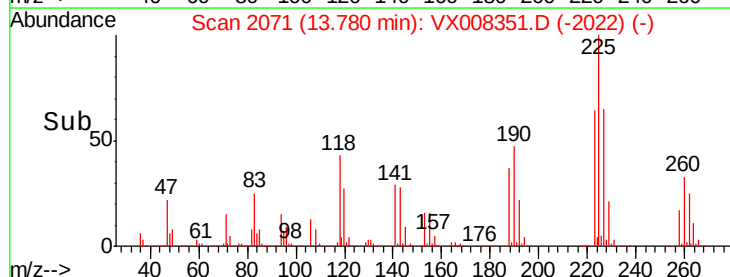
227 64.2 32.0 96.0

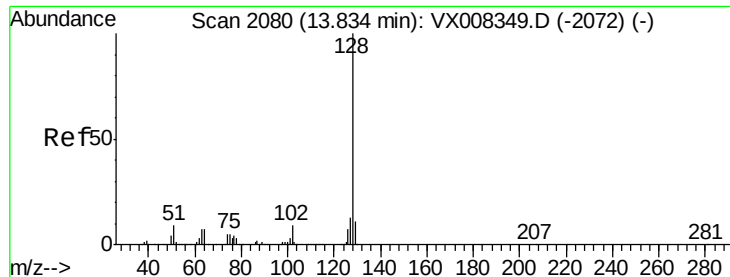


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

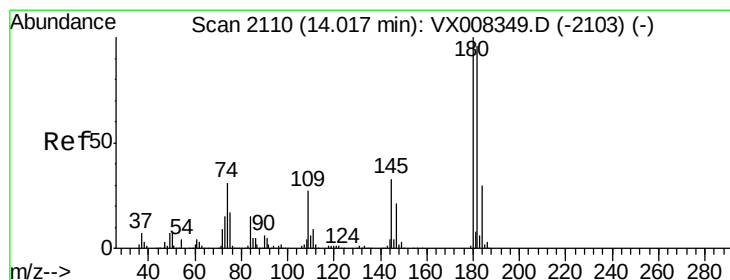
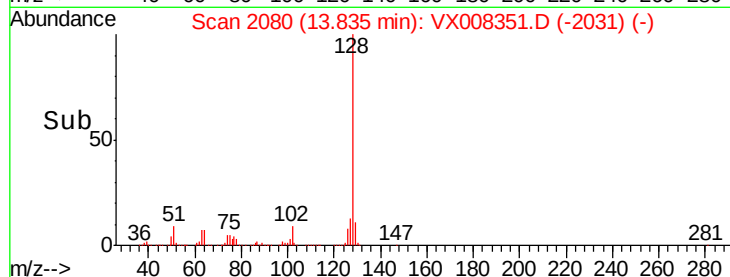
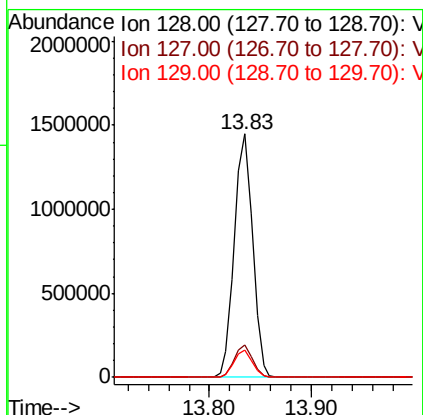
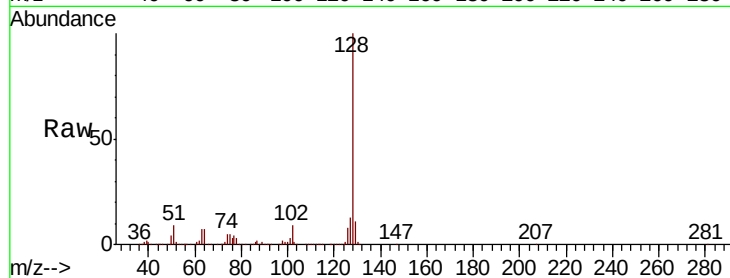




#95
Naphthalene
Concen: 143.367 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1785311
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 133.089 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008351.D
Acq: 23 Mar 2019 15:05

Tgt Ion:180 Resp: 516687
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 32.6 14.8 44.3

