

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003836.D
 Acq On : 02 Aug 2018 21:09
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 03 01:41:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	107300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	151132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97861	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193990	121.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.12%	
35) Dibromofluoromethane	5.51	113	176127	142.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.26%	
50) Toluene-d8	8.72	98	672341	143.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.48%	
62) 4-Bromofluorobenzene	11.14	95	257316	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	161446	136.252	ug/l	99
3) Chloromethane	1.32	50	215581	132.051	ug/l	99
4) Vinyl Chloride	1.40	62	205340	128.087	ug/l	99
5) Bromomethane	1.63	94	78101	101.667	ug/l	99
6) Chloroethane	1.70	64	75985	79.515	ug/l	98
7) Trichlorofluoromethane	1.92	101	223925	109.499	ug/l	93
8) Diethyl Ether	2.19	74	110496	119.825	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161549	129.698	ug/l	99
10) Methyl Iodide	2.50	142	241176	148.818	ug/l	100
11) Tert butyl alcohol	3.10	59	215681	577.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	155898	128.493	ug/l	99
13) Acrolein	2.29	56	180434	922.576	ug/l	98
14) Allyl chloride	2.72	41	273320	108.826	ug/l	99
15) Acrylonitrile	3.15	53	505616	558.438	ug/l	99
16) Acetone	2.45	43	482353	632.982	ug/l	100
17) Carbon Disulfide	2.56	76	451378	129.359	ug/l	100
18) Methyl Acetate	2.78	43	217881	98.865	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	518303	118.778	ug/l	100
20) Methylene Chloride	2.85	84	175749	119.557	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	166366	126.090	ug/l	96
22) Diisopropyl ether	3.88	45	537658	116.117	ug/l	95
23) Vinyl Acetate	3.82	43	2404091	605.213	ug/l	95
24) 1,1-Dichloroethane	3.69	63	301796	115.115	ug/l	98
25) 2-Butanone	4.71	43	861160	715.965	ug/l	100
26) 2,2-Dichloropropane	4.58	77	198883	120.757	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196404	134.806	ug/l	97
28) Bromochloromethane	5.02	49	141568	129.163	ug/l	100
29) Tetrahydrofuran	5.17	42	443157	593.651	ug/l	97
30) Chloroform	5.22	83	310450	128.031	ug/l	99
31) Cyclohexane	5.57	56	286900	140.219	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	273892	137.979	ug/l	99
36) 1,1-Dichloropropene	5.80	75	241558	139.826	ug/l	99
37) Ethyl Acetate	4.87	43	265877	126.005	ug/l	99
38) Carbon Tetrachloride	5.78	117	247783	148.789	ug/l	95

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Quant Time: Aug 03 01:41:04 2018
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 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297643	161.808	ug/l	97
40) Benzene	6.14	78	729845	140.295	ug/l	100
41) Methacrylonitrile	5.07	41	148528	127.176	ug/l	99
42) 1,2-Dichloroethane	6.20	62	241085	131.822	ug/l	100
43) Isopropyl Acetate	6.47	43	428051	139.212	ug/l	99
44) Trichloroethene	7.21	130	201273	144.716	ug/l	100
45) 1,2-Dichloropropane	7.52	63	195633	145.053	ug/l	99
46) Dibromomethane	7.67	93	122889	140.864	ug/l	100
47) Bromodichloromethane	7.90	83	240183	147.420	ug/l	100
48) Methyl methacrylate	7.78	41	220135	141.053	ug/l	99
49) 1,4-Dioxane	7.76	88	100686	2872.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1784897	824.101	ug/l	98
52) Toluene	8.79	92	468153	144.768	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	279651	154.994	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	295119	149.032	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	189083	141.780	ug/l	99
56) Ethyl methacrylate	9.18	69	309435	156.728	ug/l	99
57) 1,3-Dichloropropane	9.38	76	311381	139.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	754338	756.334	ug/l	99
59) 2-Hexanone	9.51	43	1396729	841.667	ug/l	99
60) Dibromochloromethane	9.59	129	206193	162.180	ug/l	100
61) 1,2-Dibromoethane	9.68	107	202822	145.683	ug/l	100
64) Tetrachloroethene	9.34	164	194787	145.325	ug/l	99
65) Chlorobenzene	10.14	112	536077	143.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	199038	152.482	ug/l	99
67) Ethyl Benzene	10.26	91	918995	148.659	ug/l	100
68) m/p-Xylenes	10.36	106	726902	305.878	ug/l	98
69) o-Xylene	10.70	106	352723	153.416	ug/l	99
70) Styrene	10.71	104	601899	155.680	ug/l	100
71) Bromoform	10.86	173	182486	175.442	ug/l #	100
73) Isopropylbenzene	11.02	105	936035	142.774	ug/l	100
74) N-amyl acetate	6.47	43	428051	124.551	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	320553	130.560	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	378271	184.633	ug/l	84
77) Bromobenzene	11.26	156	260403	142.951	ug/l	99
78) n-propylbenzene	11.37	91	1084687	143.821	ug/l	100
79) 2-Chlorotoluene	11.43	91	635597	137.094	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	820892	147.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	102740	156.201	ug/l	95
82) 4-Chlorotoluene	11.51	91	765617	140.284	ug/l	99
83) tert-Butylbenzene	11.77	119	825716	151.539	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	848248	147.707	ug/l	99
85) sec-Butylbenzene	11.95	105	964981	150.231	ug/l	100
86) p-Isopropyltoluene	12.07	119	891467	153.841	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	489364	145.059	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	499232	142.236	ug/l	100
89) n-Butylbenzene	12.39	91	790222	152.539	ug/l	99
90) Hexachloroethane	12.60	117	148974	167.034	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	503870	145.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	74959	145.852	ug/l	98

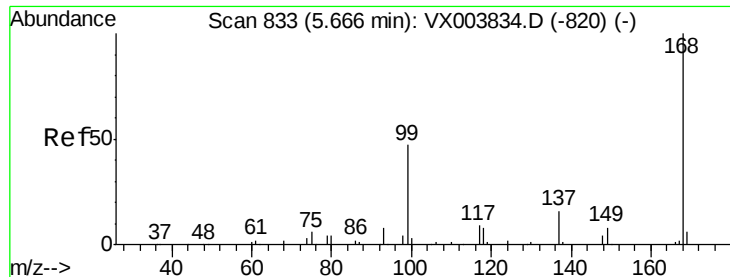
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	390967	158.593	ug/l	100
94) Hexachlorobutadiene	13.79	225	175408	157.671	ug/l	99
95) Naphthalene	13.83	128	1146320	153.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	389429	155.242	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

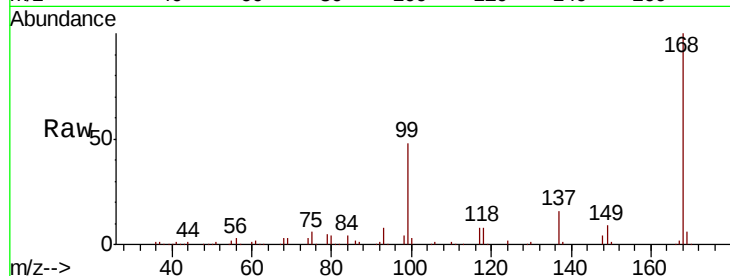
VSTDIC150

Tgt Ion:168 Resp: 107300

Ion Ratio Lower Upper

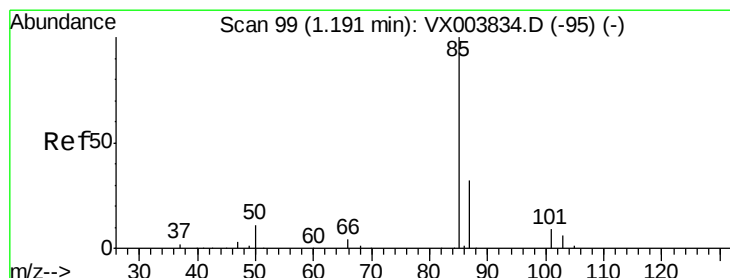
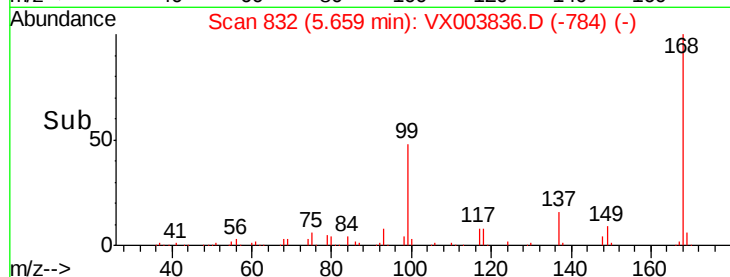
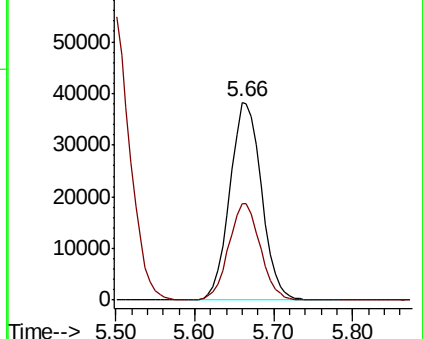
168 100

99 48.4 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 136.252 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003836.D

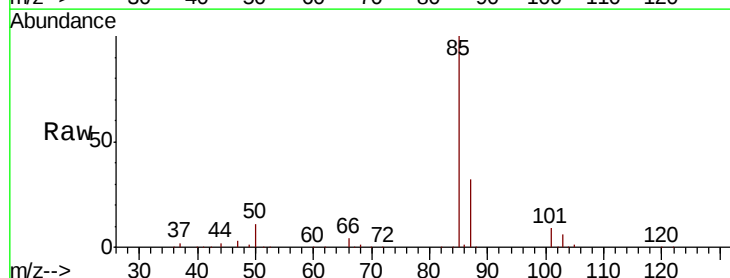
Acq: 02 Aug 2018 21:09

Tgt Ion: 85 Resp: 161446

Ion Ratio Lower Upper

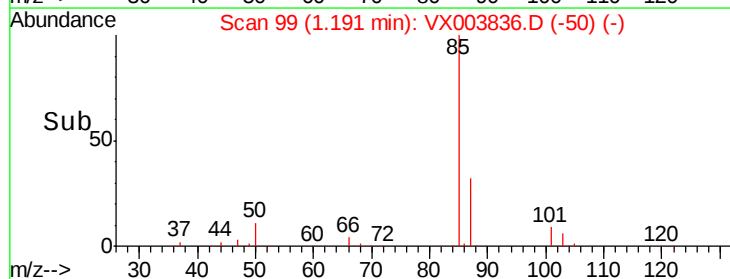
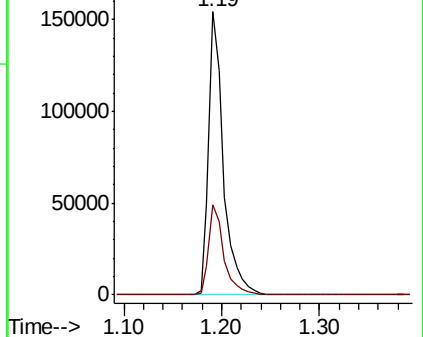
85 100

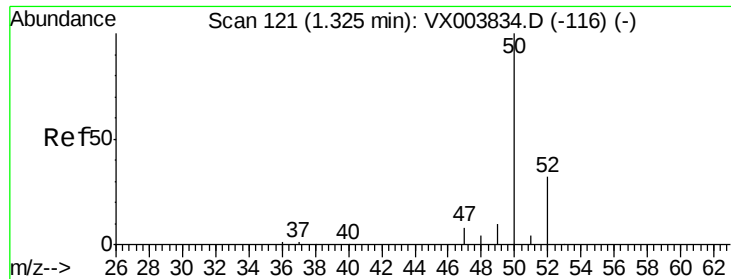
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 132.051 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

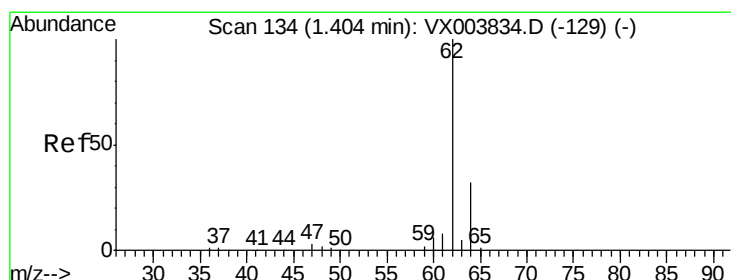
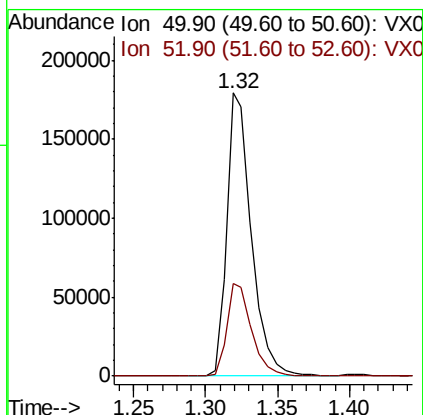
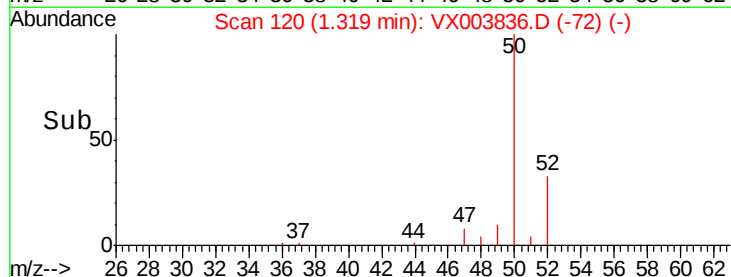
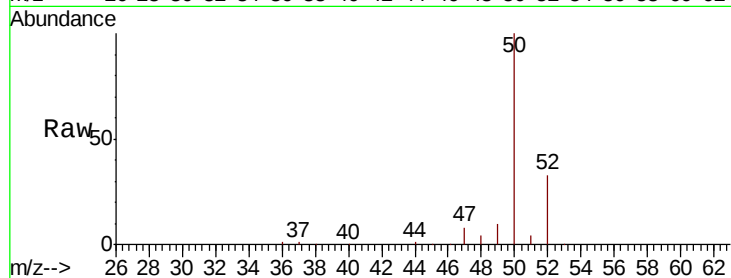
VSTDIC150

Tgt Ion: 50 Resp: 215581

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.8



#4

Vinyl Chloride

Concen: 128.087 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003836.D

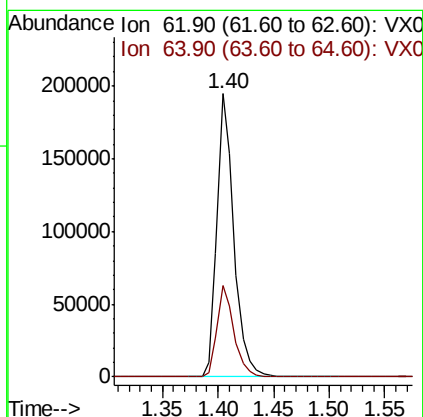
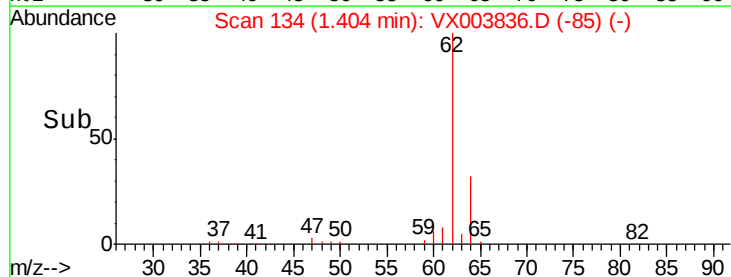
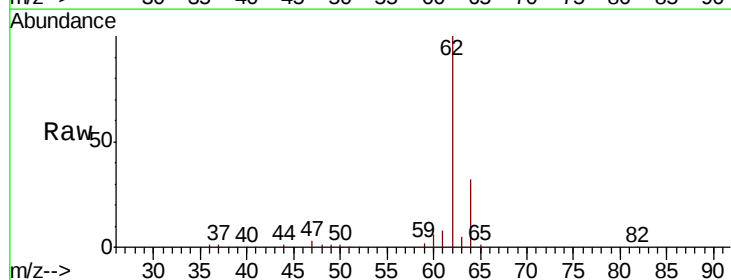
Acq: 02 Aug 2018 21:09

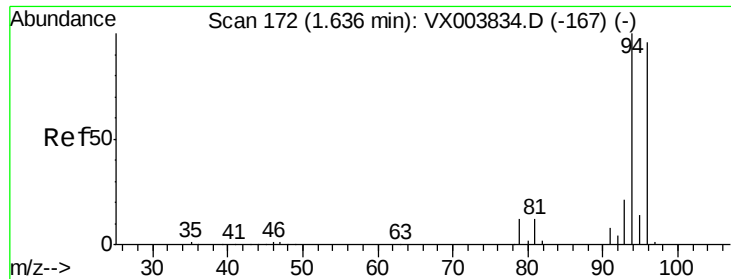
Tgt Ion: 62 Resp: 205340

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 101.667 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

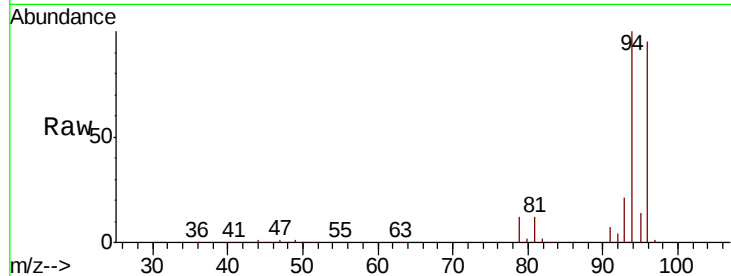
VSTDIC150

Tgt Ion: 94 Resp: 78101

Ion Ratio Lower Upper

94 100

96 94.9 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

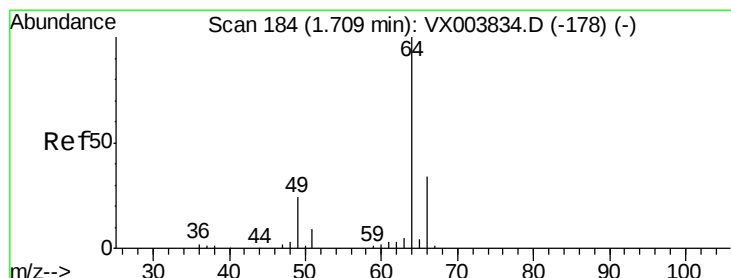
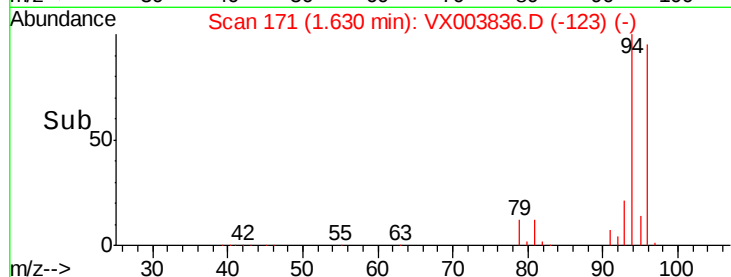
40000

20000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 79.515 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003836.D

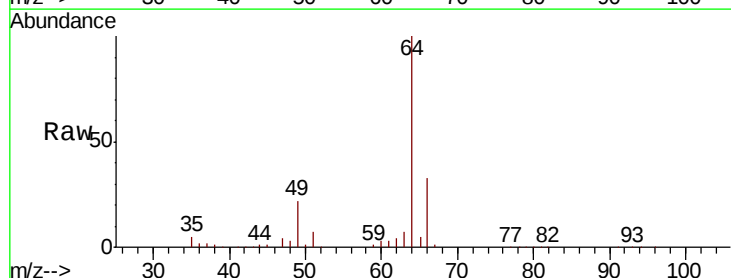
Acq: 02 Aug 2018 21:09

Tgt Ion: 64 Resp: 75985

Ion Ratio Lower Upper

64 100

66 33.1 27.2 40.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

60000

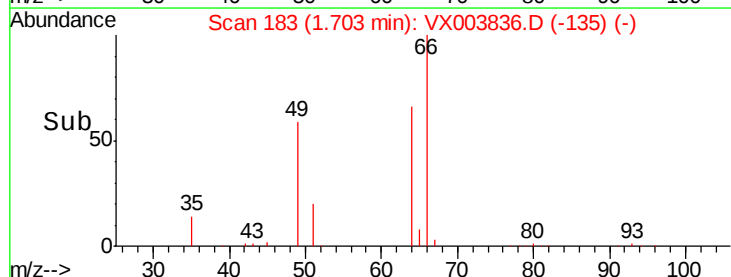
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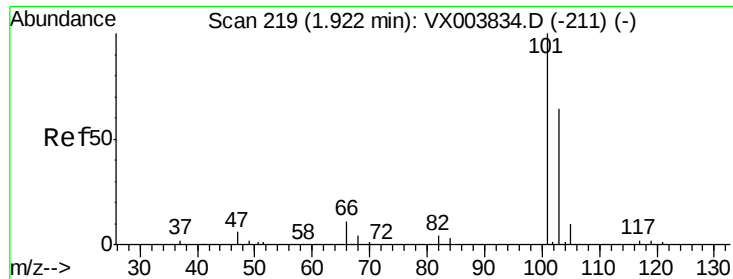
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Time-->

1.65 1.70 1.75 1.80



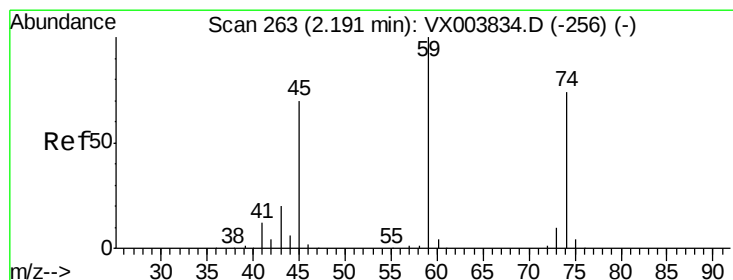
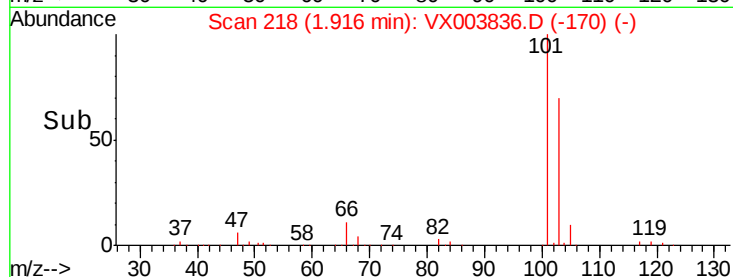
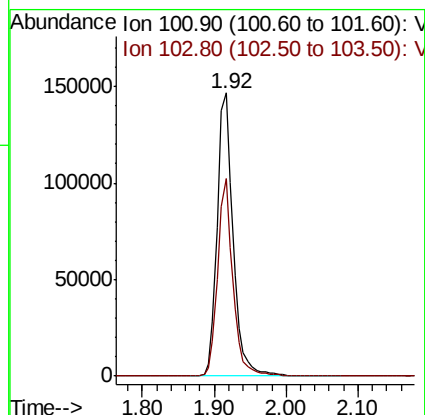
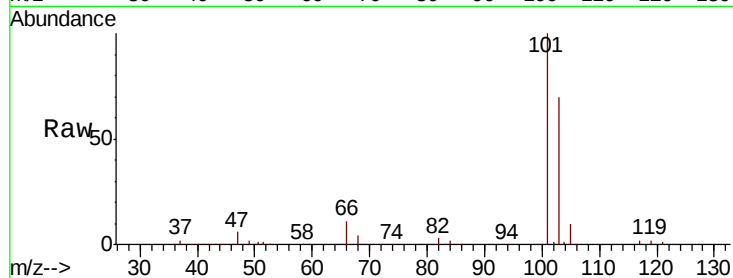


#7

Trichlorofluoromethane
 Concen: 109.499 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

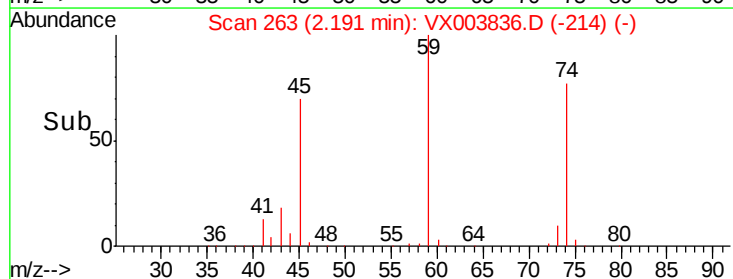
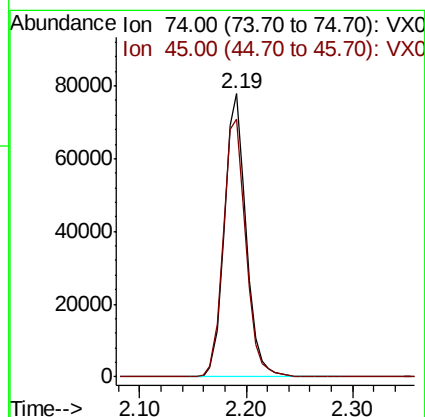
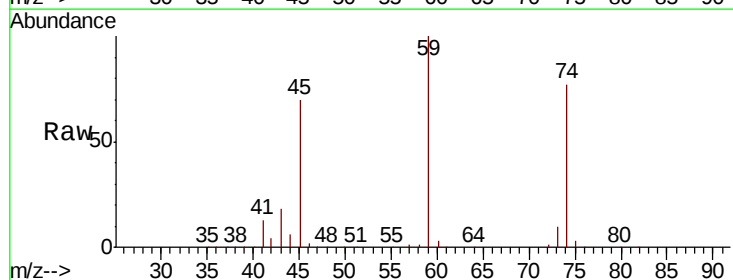
Tgt Ion: 101 Resp: 223925
 Ion Ratio Lower Upper
 101 100
 103 69.7 51.4 77.0

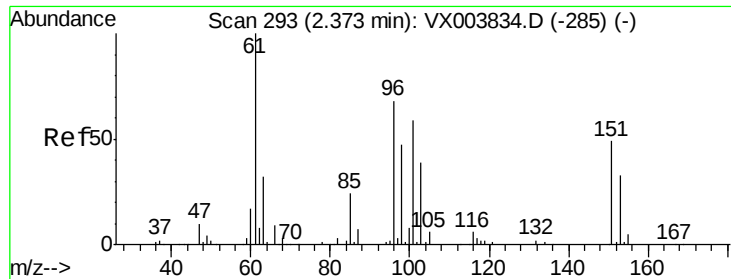


#8

Diethyl Ether
 Concen: 119.825 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 74 Resp: 110496
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.698 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

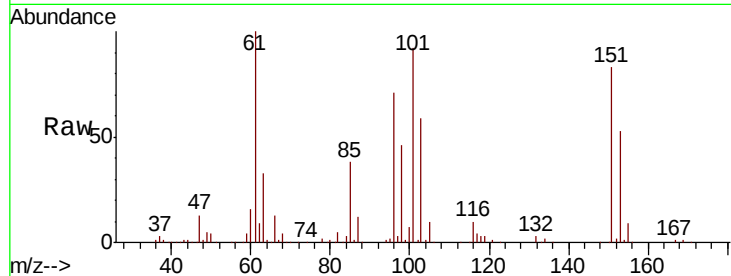
Tgt Ion:101 Resp: 161549

Ion Ratio Lower Upper

101 100

85 41.0 33.6 50.4

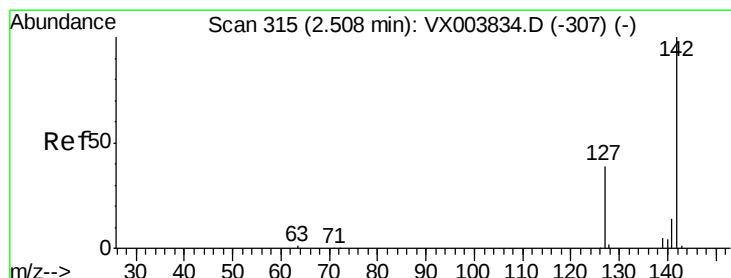
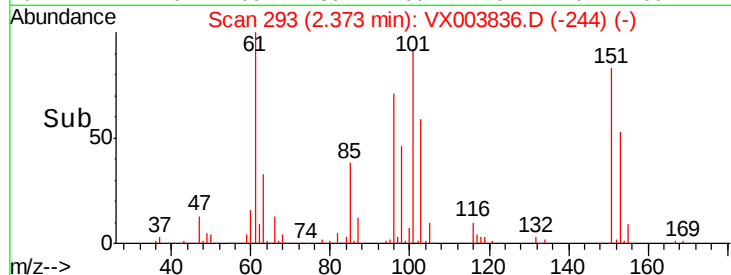
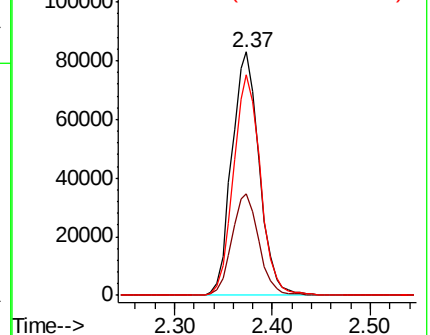
151 88.9 71.0 106.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 148.818 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

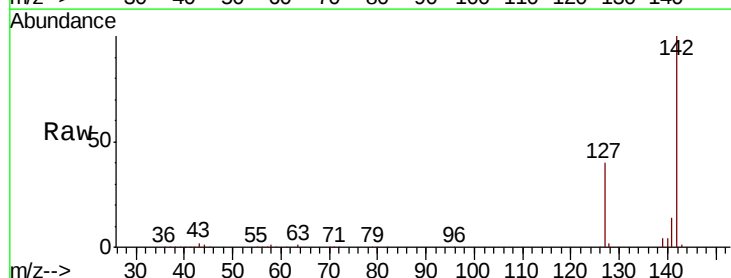
Tgt Ion:142 Resp: 241176

Ion Ratio Lower Upper

142 100

127 39.9 31.8 47.8

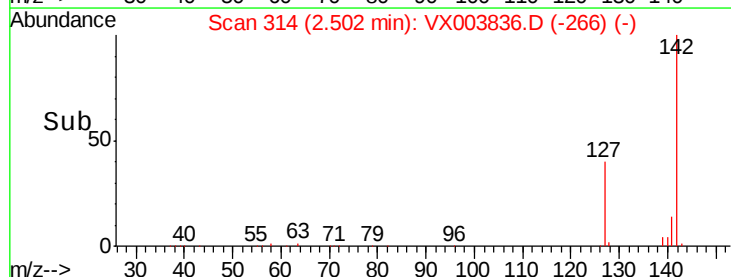
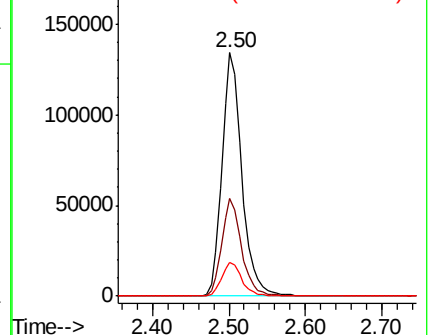
141 14.2 11.3 16.9

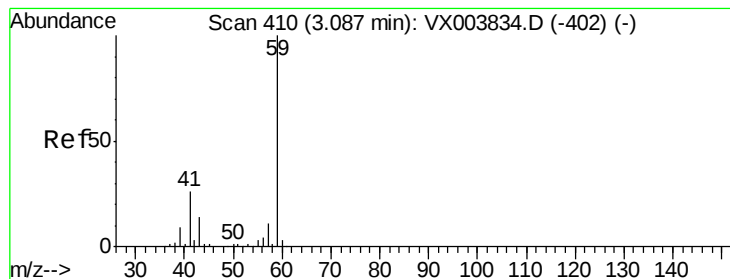


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



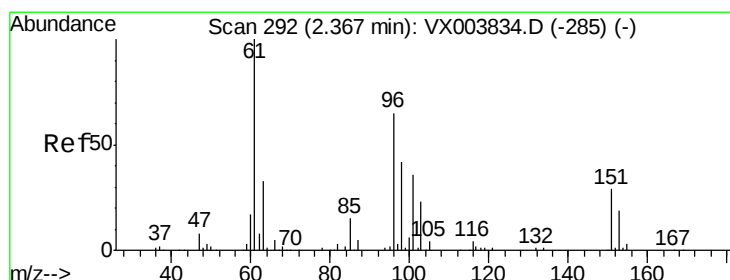
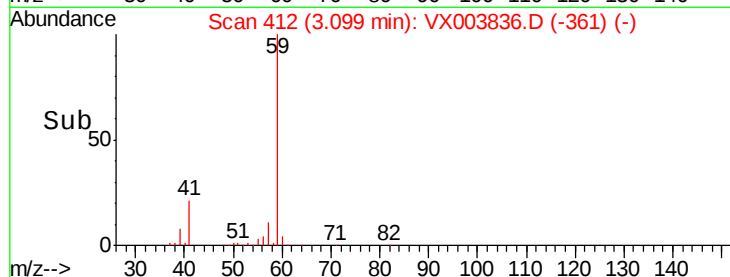
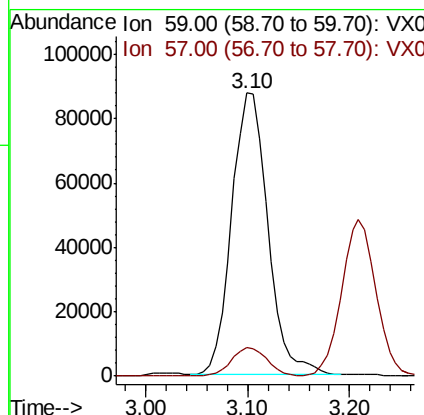
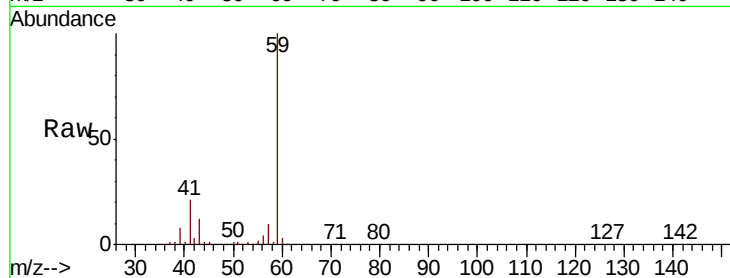


#11

Tert butyl alcohol
Concen: 577.022 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

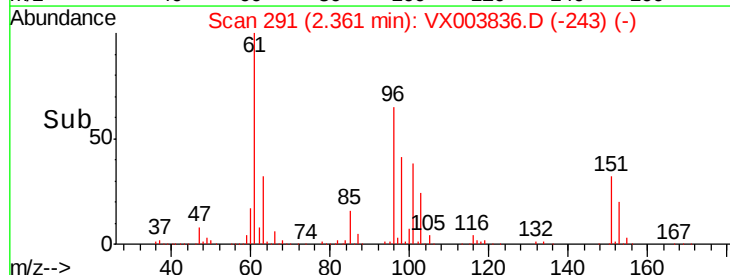
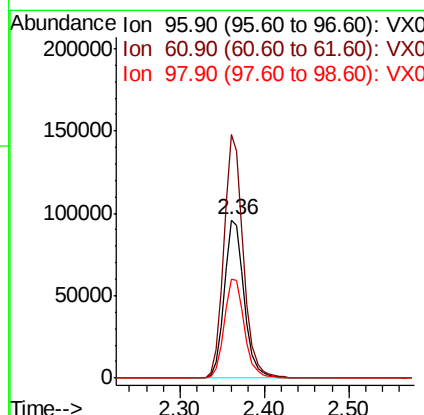
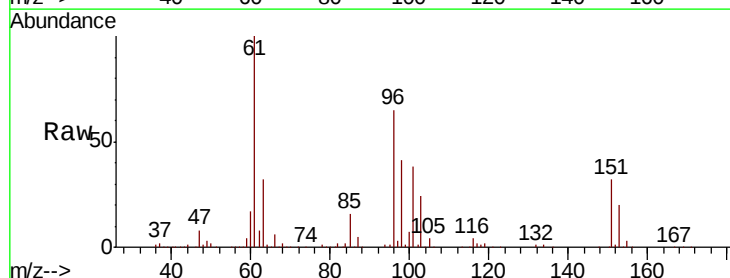
Tgt Ion: 59 Resp: 215681
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

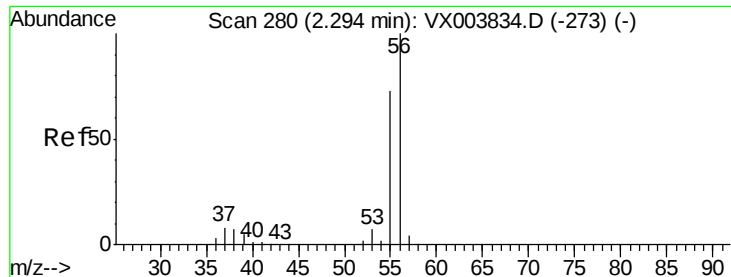


#12

1,1-Dichloroethene
Concen: 128.493 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 96 Resp: 155898
Ion Ratio Lower Upper
96 100
61 154.0 122.8 184.2
98 63.0 51.8 77.8





#13

Acrolein

Concen: 922.576 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

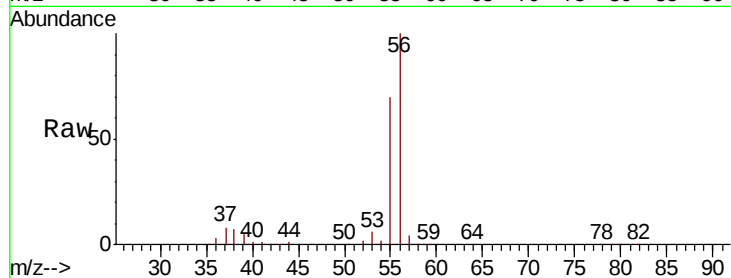
VSTDIC150

Tgt Ion: 56 Resp: 180434

Ion Ratio Lower Upper

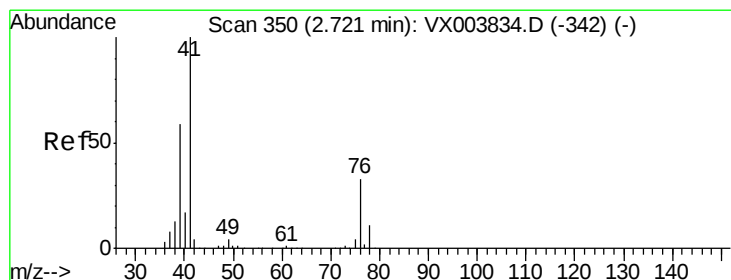
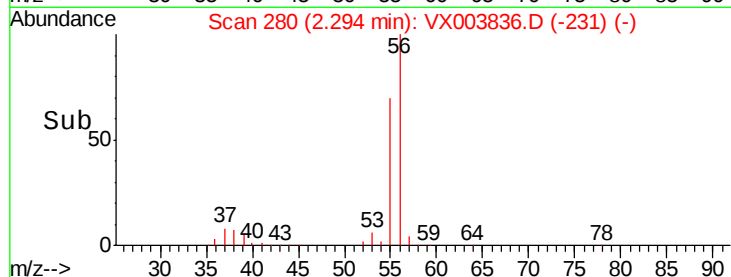
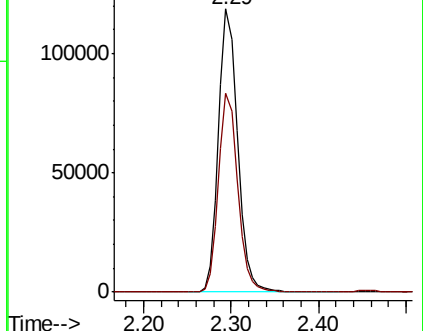
56 100

55 70.8 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 108.826 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

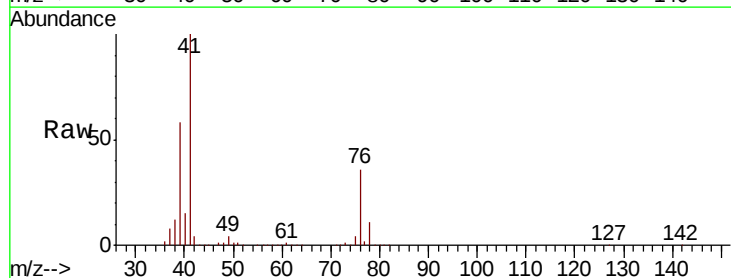
Tgt Ion: 41 Resp: 273320

Ion Ratio Lower Upper

41 100

39 57.4 46.1 69.1

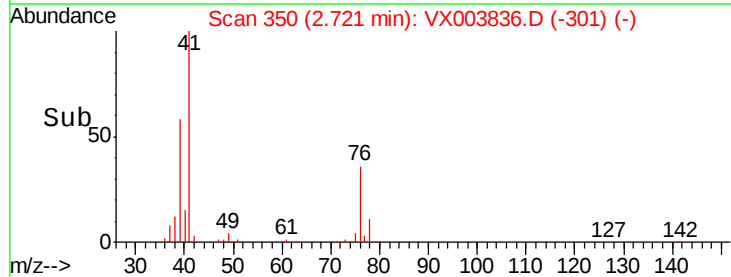
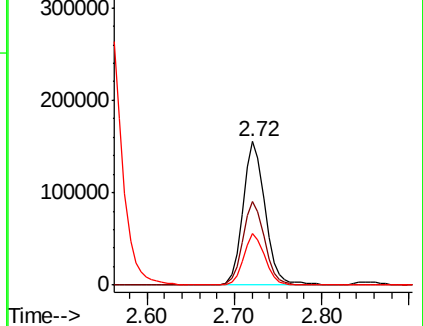
76 34.6 26.8 40.2

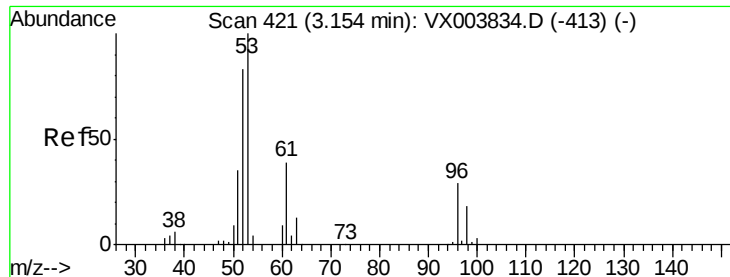


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 558.438 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

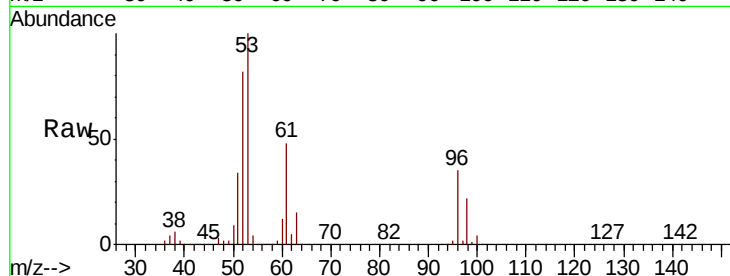
Tgt Ion: 53 Resp: 505616

Ion Ratio Lower Upper

53 100

52 81.6 65.9 98.9

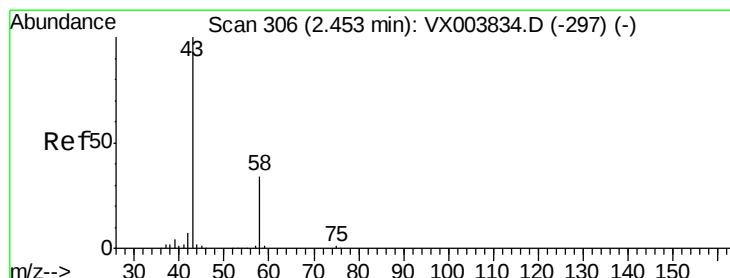
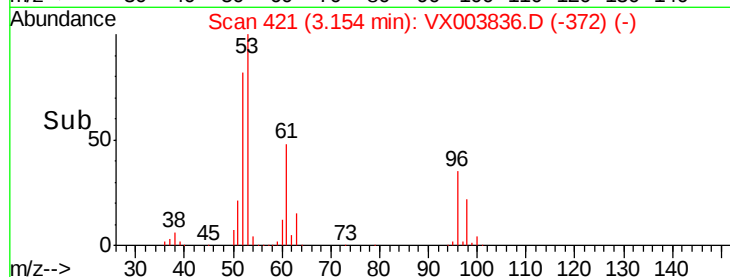
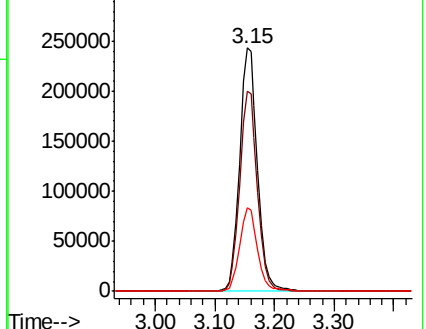
51 34.7 28.6 43.0



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: 632.982 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003836.D

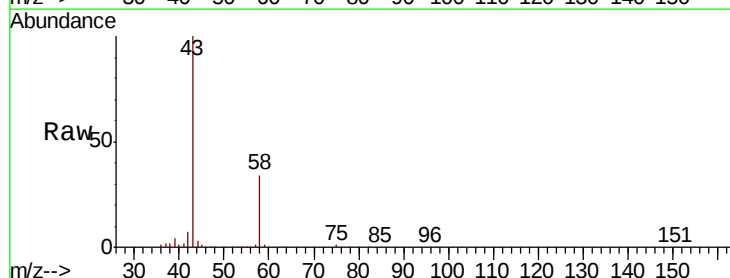
Acq: 02 Aug 2018 21:09

Tgt Ion: 43 Resp: 482353

Ion Ratio Lower Upper

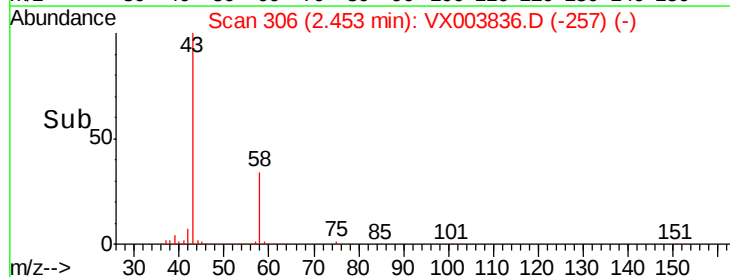
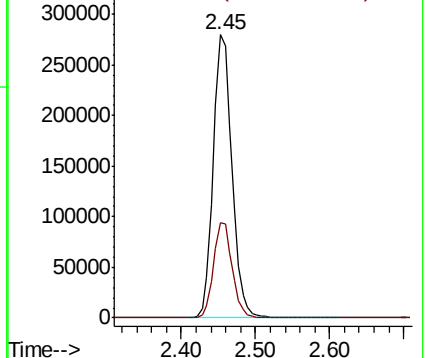
43 100

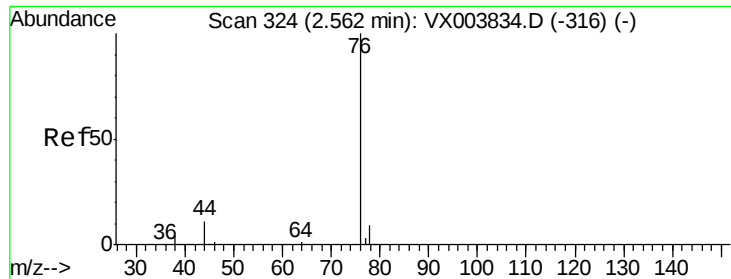
58 33.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

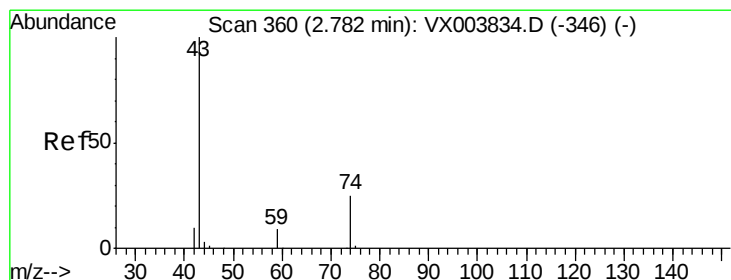
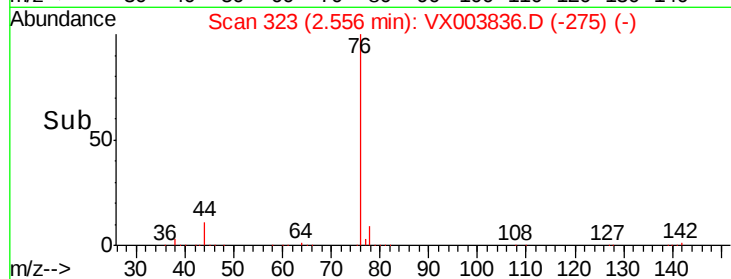
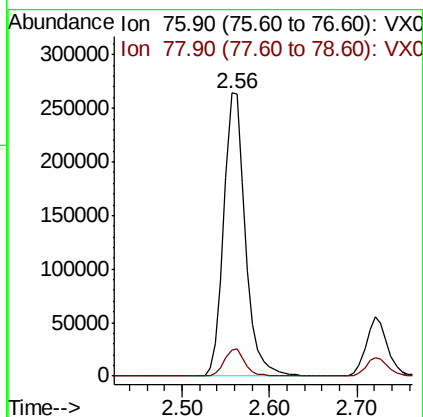
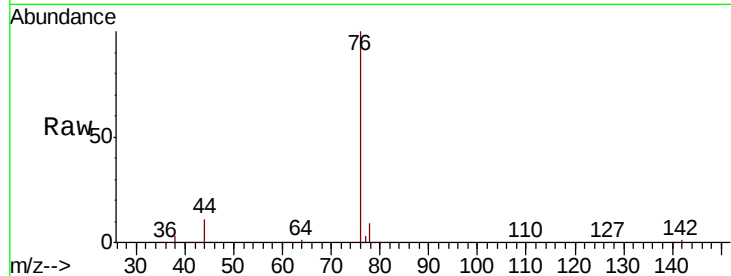




#17
Carbon Disulfide
Concen: 129.359 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

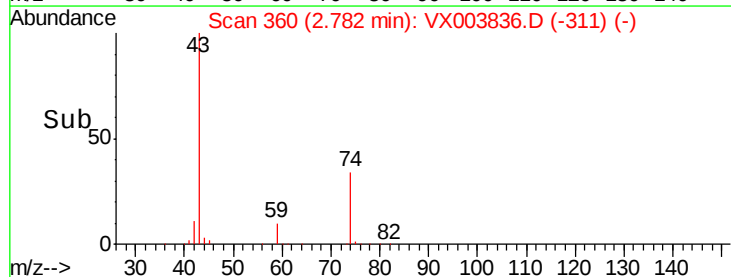
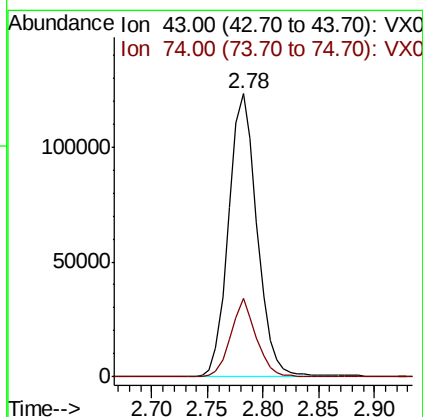
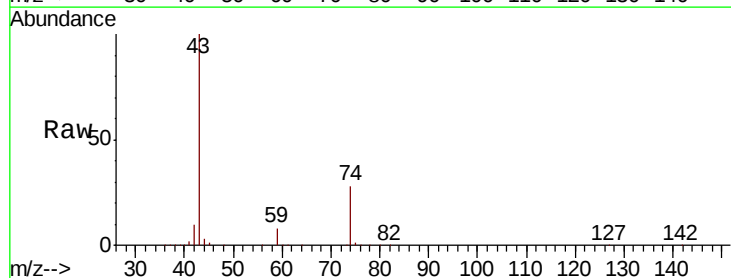
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

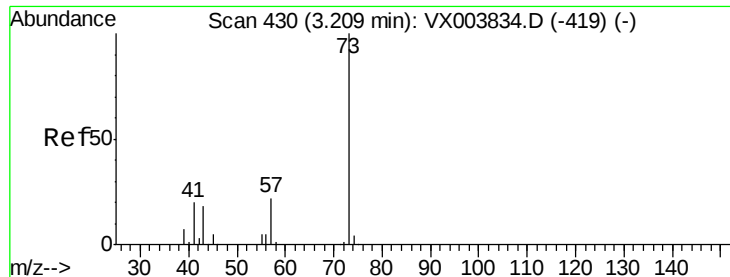
Tgt Ion: 76 Resp: 451378
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 98.865 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 43 Resp: 217881
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8

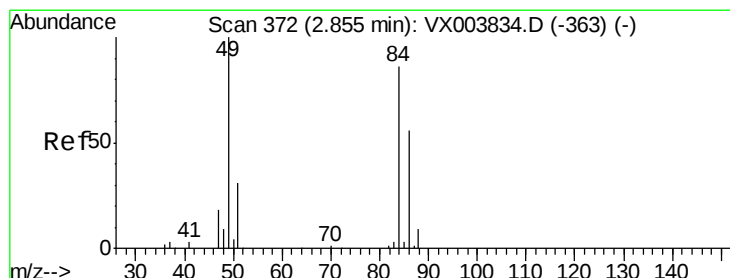
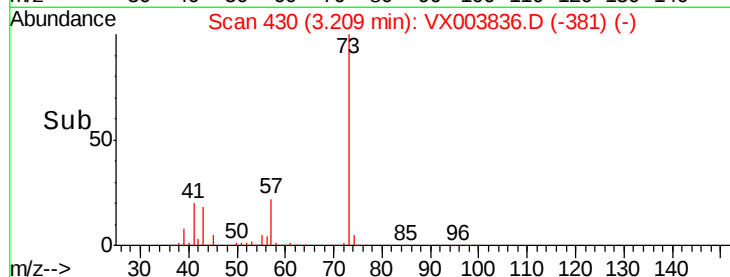
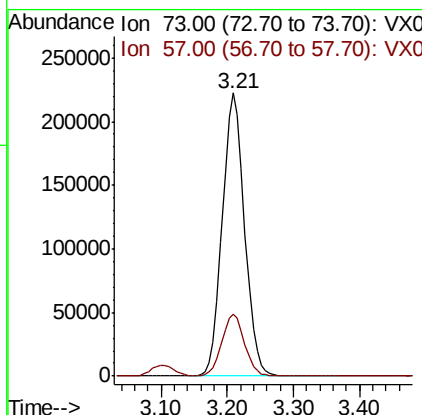
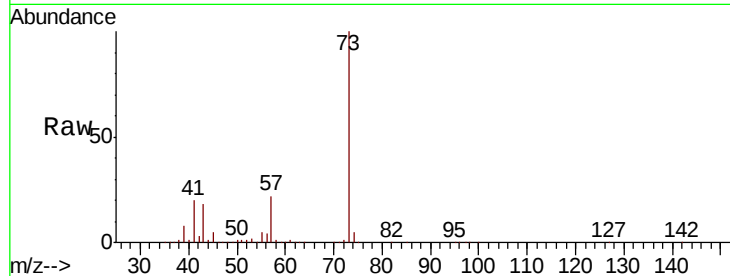




#19
Methyl tert-butyl Ether
Concen: 118.778 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

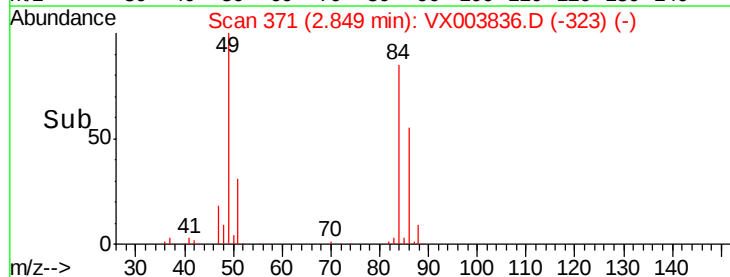
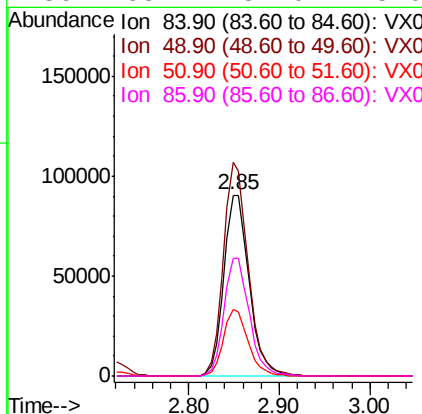
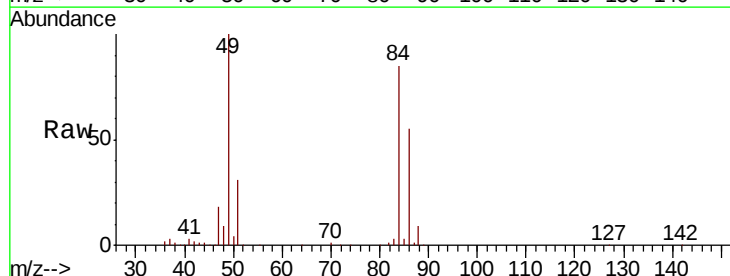
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

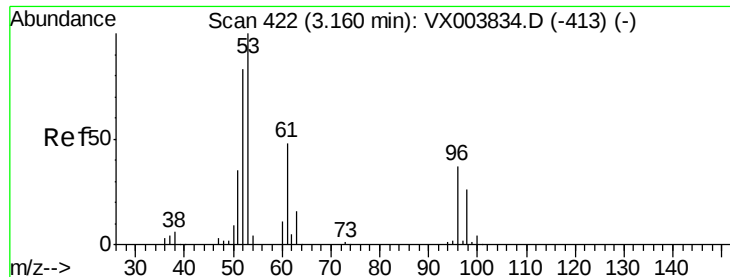
Tgt Ion: 73 Resp: 518303
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 119.557 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 84 Resp: 175749
Ion Ratio Lower Upper
84 100
49 118.1 93.2 139.8
51 36.7 29.2 43.8
86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 126.090 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

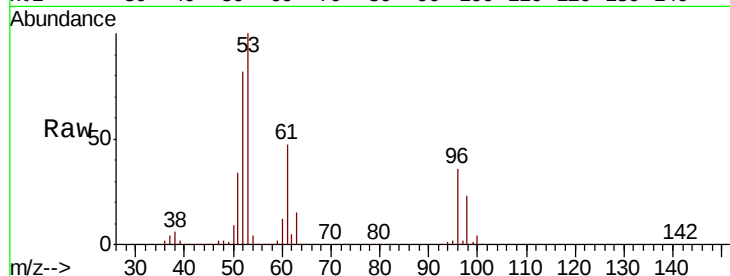
Tgt Ion: 96 Resp: 166366

Ion Ratio Lower Upper

96 100

61 131.2 104.2 156.4

98 63.5 57.0 85.6

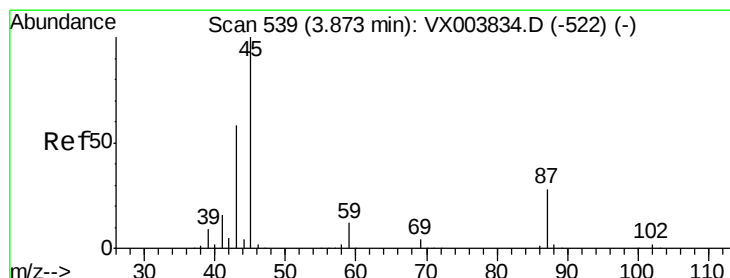
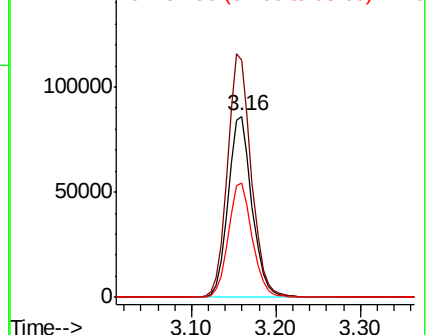
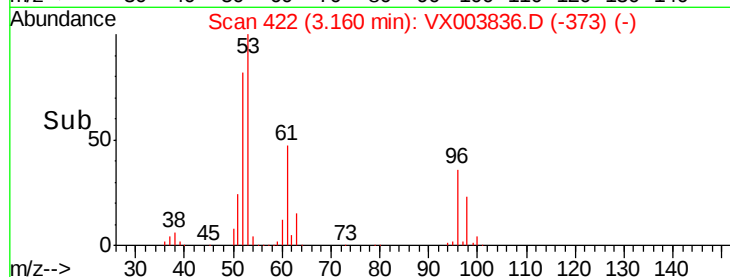


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 116.117 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Tgt Ion: 45 Resp: 537658

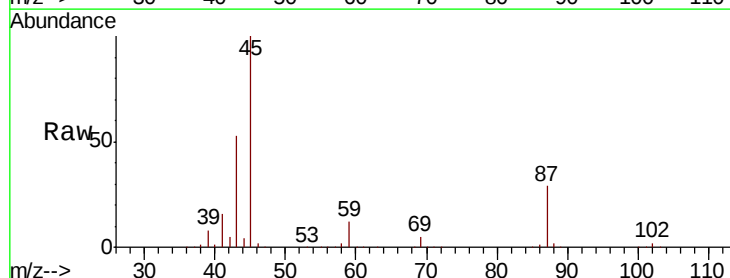
Ion Ratio Lower Upper

45 100

43 53.0 46.4 69.6

87 29.5 22.4 33.6

59 11.8 9.4 14.2



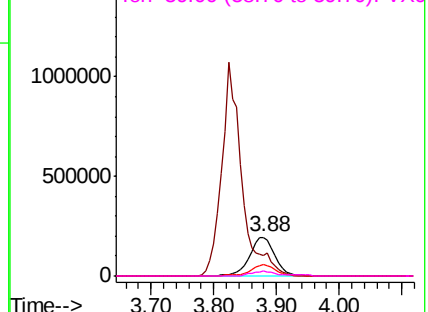
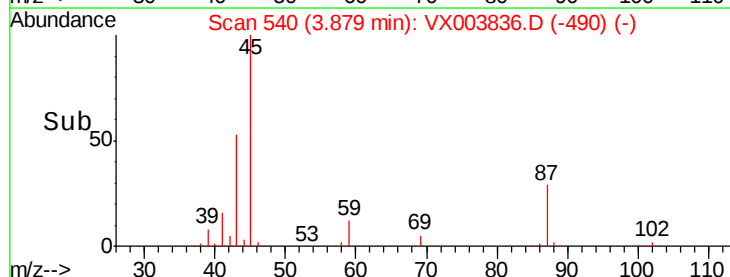
Abundance

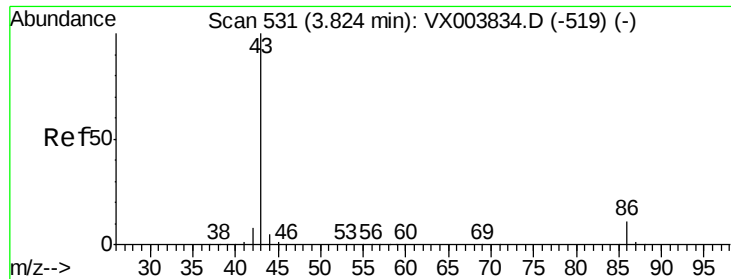
Ion 45.00 (44.70 to 45.70): VX0

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

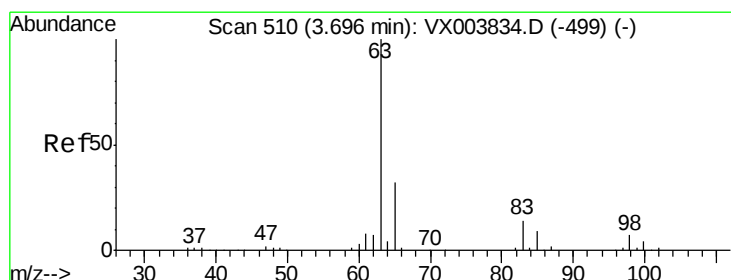
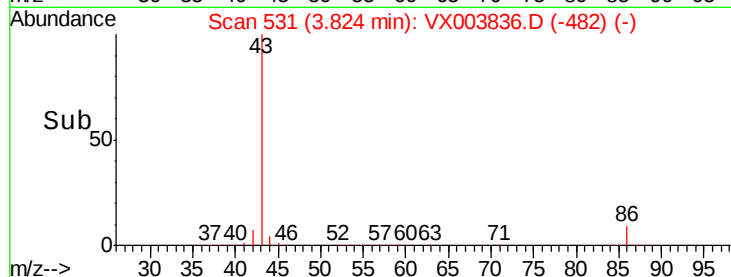
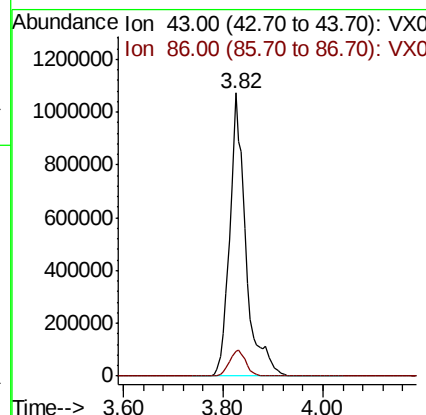
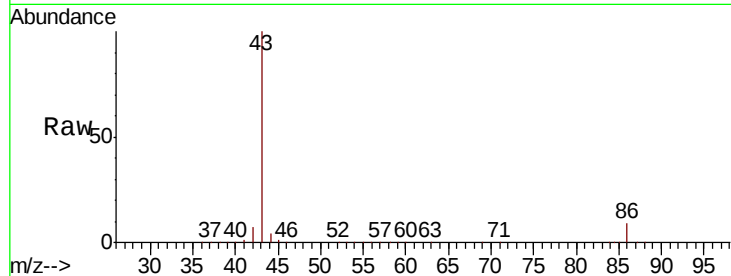




#23
 Vinyl Acetate
 Concen: 605.213 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

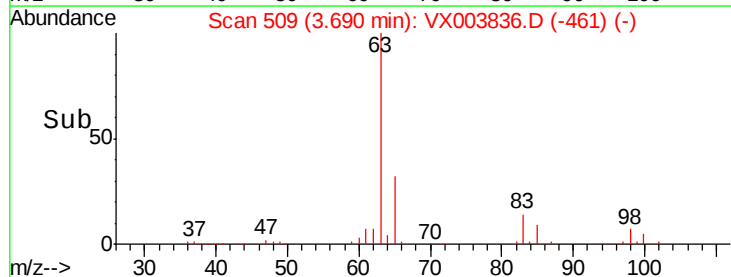
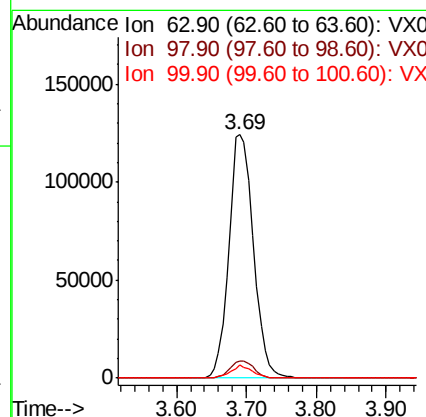
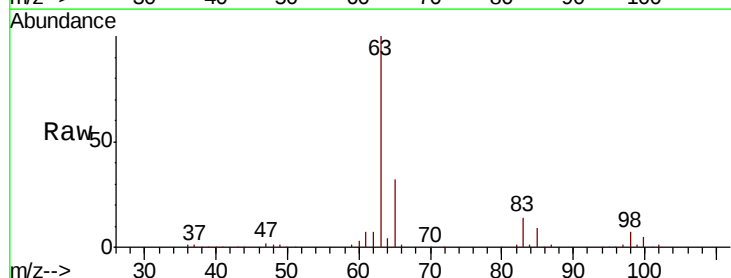
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

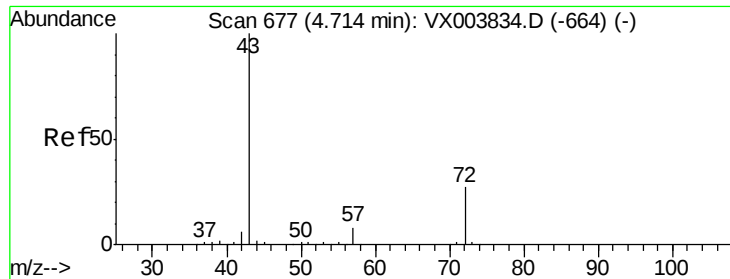
Tgt Ion: 43 Resp: 2404091
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 115.115 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 63 Resp: 301796
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 715.965 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

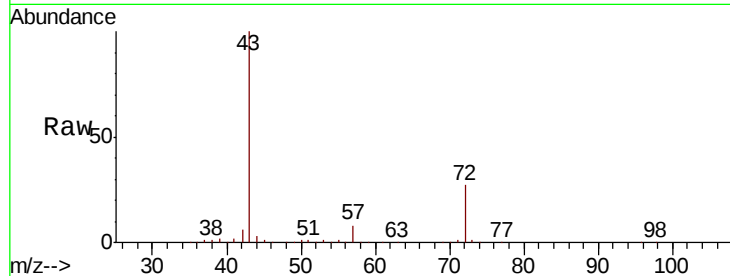
VSTDIC150

Tgt Ion: 43 Resp: 861160

Ion Ratio Lower Upper

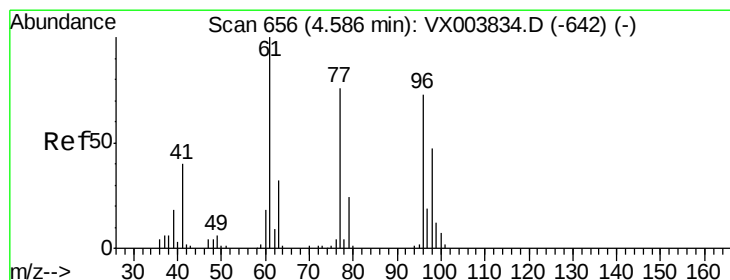
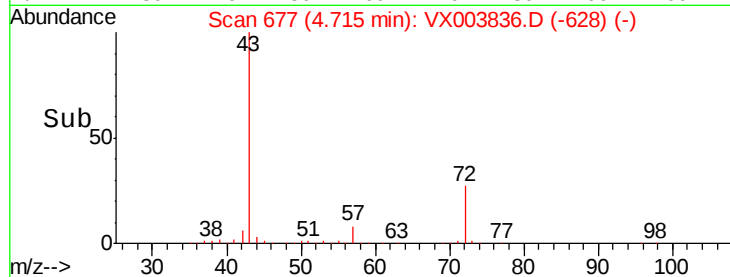
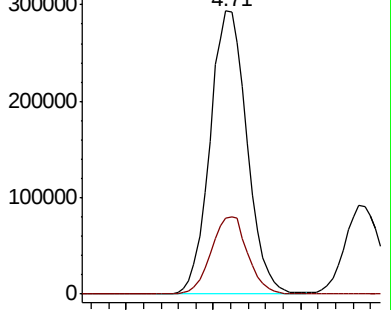
43 100

72 27.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX003836.D (-628) (-)

Ion 72.00 (71.70 to 72.70): VX003836.D (-628) (-)



#26

2,2-Dichloropropane

Concen: 120.757 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003836.D

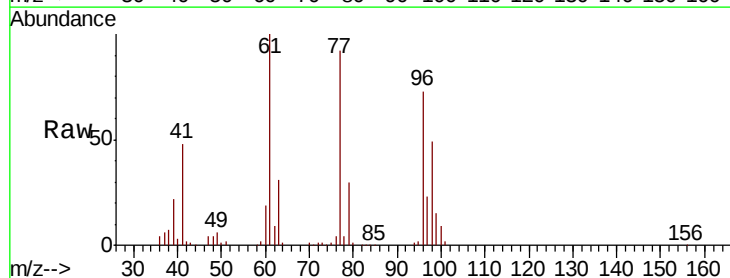
Acq: 02 Aug 2018 21:09

Tgt Ion: 77 Resp: 198883

Ion Ratio Lower Upper

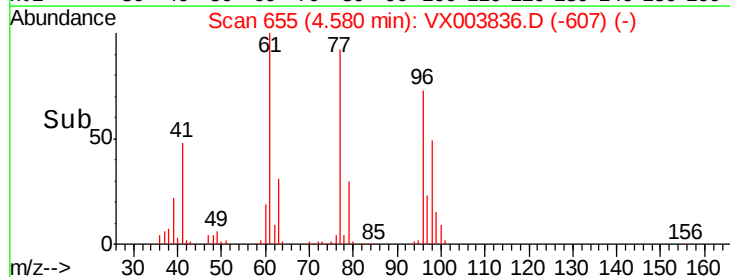
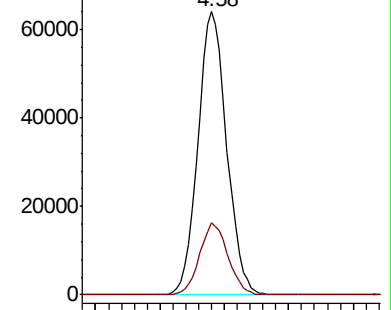
77 100

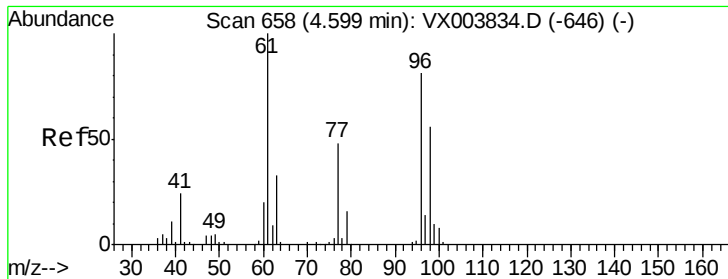
97 25.1 12.8 38.3



Abundance Ion 76.90 (76.60 to 77.60): VX003836.D (-607) (-)

Ion 96.90 (96.60 to 97.60): VX003836.D (-607) (-)



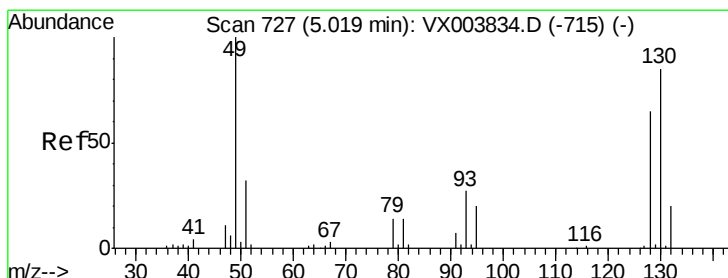
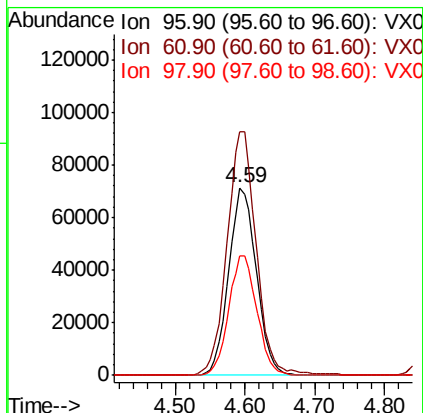
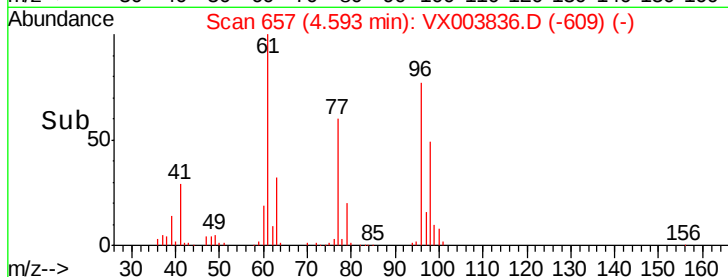
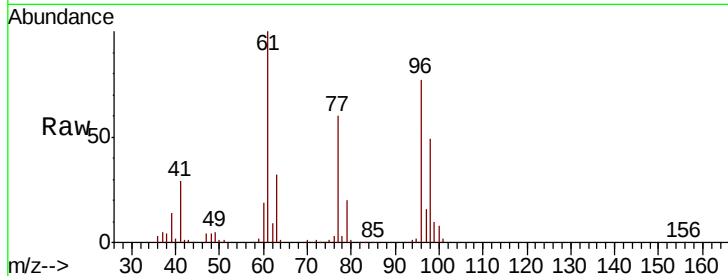


#27

cis-1,2-Dichloroethene
 Concen: 134.806 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

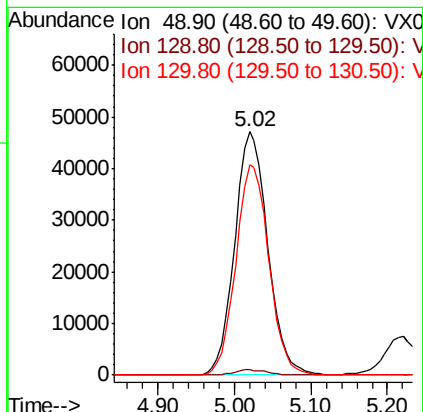
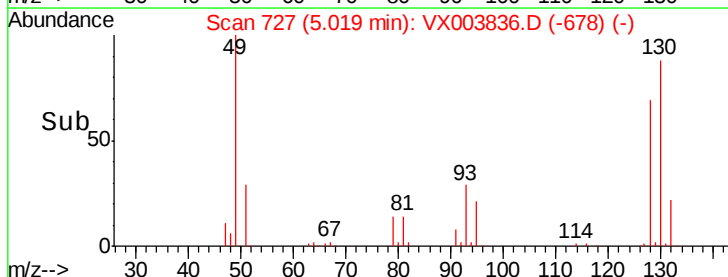
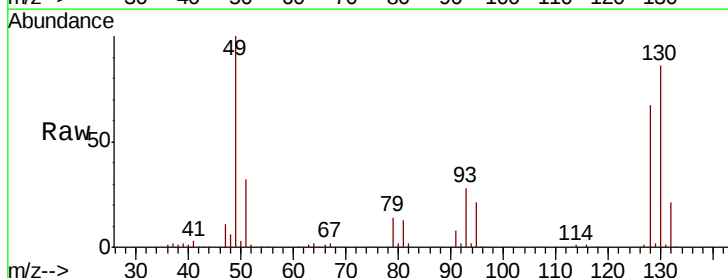
Tgt Ion: 96 Resp: 196404
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 283.6
 98 64.7 0.0 130.0

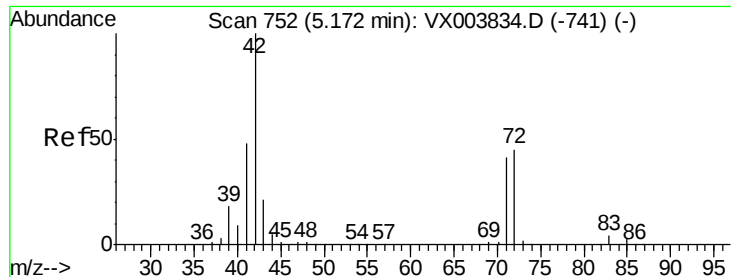


#28

Bromochloromethane
 Concen: 129.163 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 49 Resp: 141568
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 86.1 68.9 103.3





#29

Tetrahydrofuran

Concen: 593.651 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

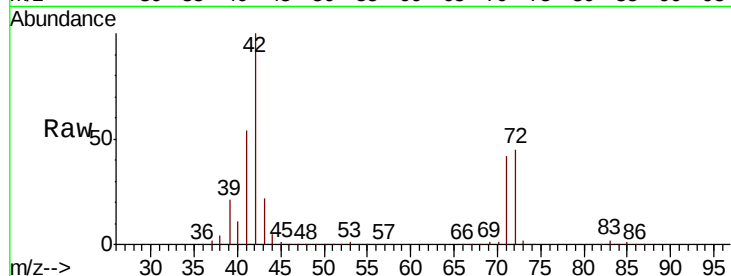
Tgt Ion: 42 Resp: 443157

Ion Ratio Lower Upper

42 100

72 46.9 36.1 54.1

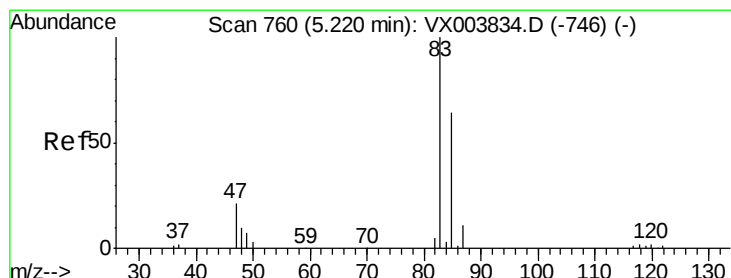
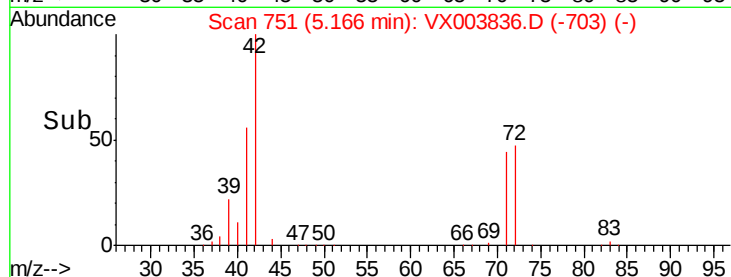
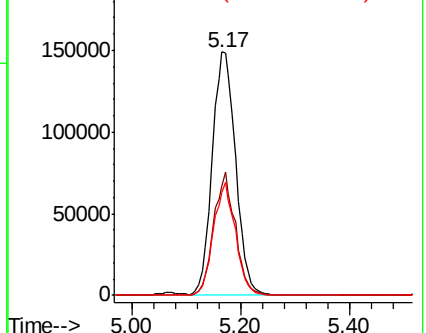
71 43.6 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 128.031 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003836.D

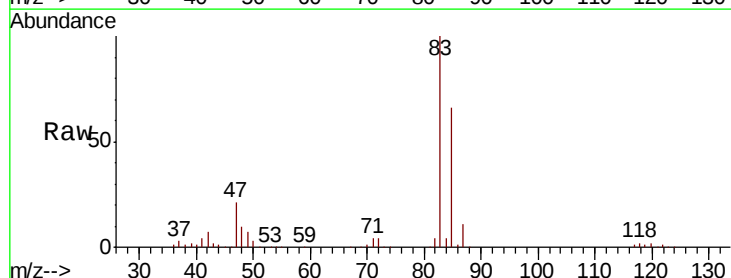
Acq: 02 Aug 2018 21:09

Tgt Ion: 83 Resp: 310450

Ion Ratio Lower Upper

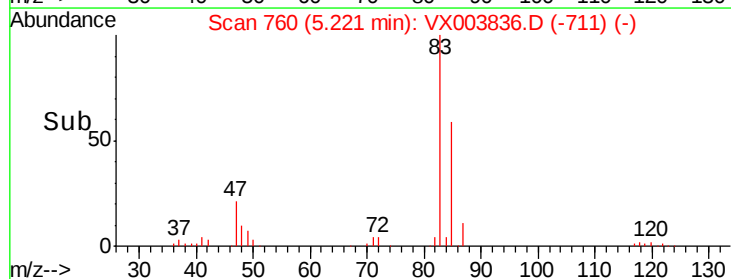
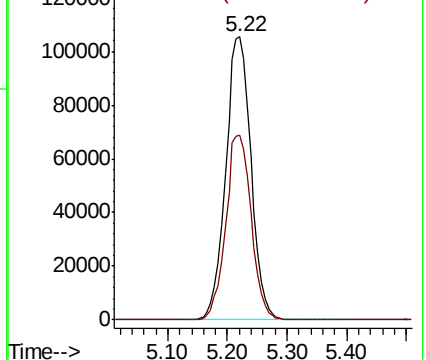
83 100

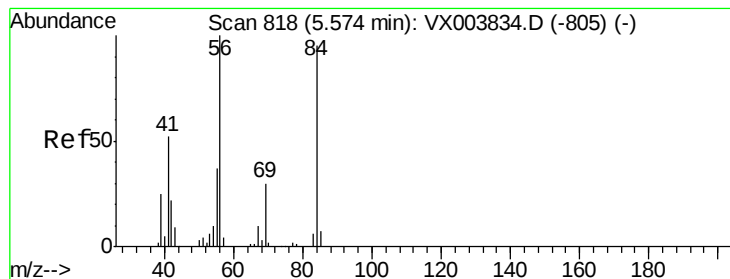
85 65.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 140.219 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

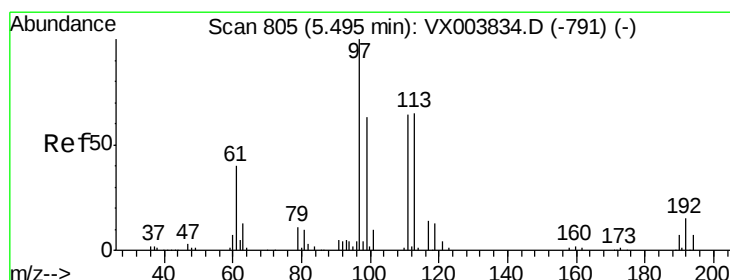
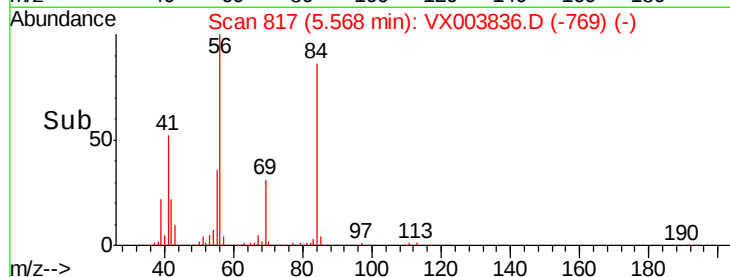
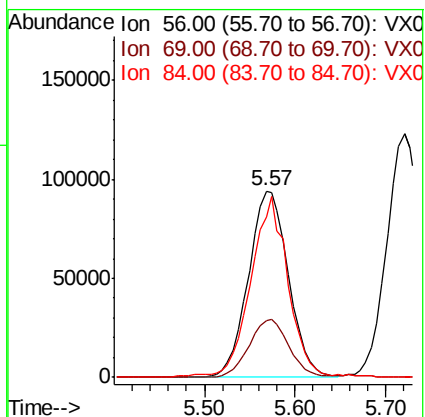
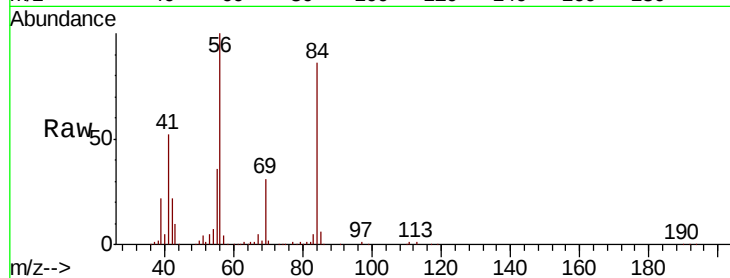
Tgt Ion: 56 Resp: 286900

Ion Ratio Lower Upper

56 100

69 30.7 23.7 35.5

84 85.1 75.7 113.5



#32

1,1,1-Trichloroethane

Concen: 137.979 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

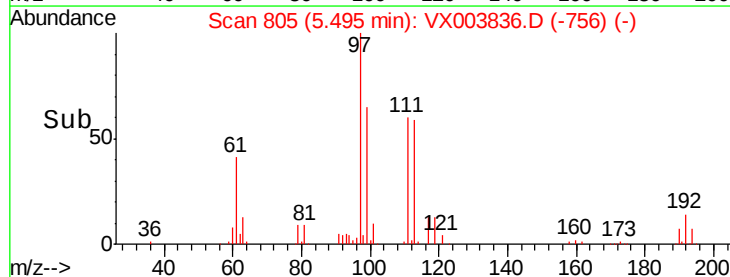
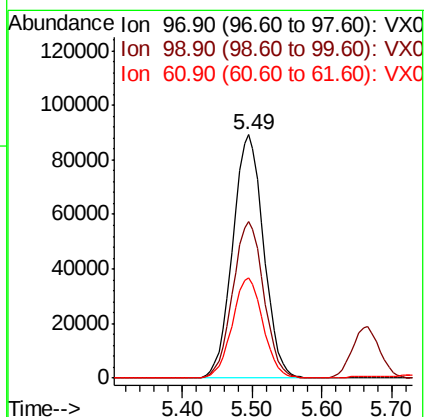
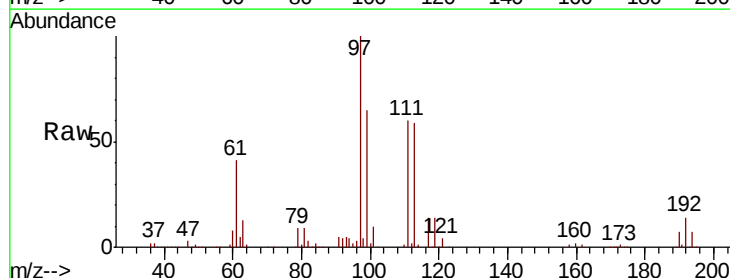
Tgt Ion: 97 Resp: 273892

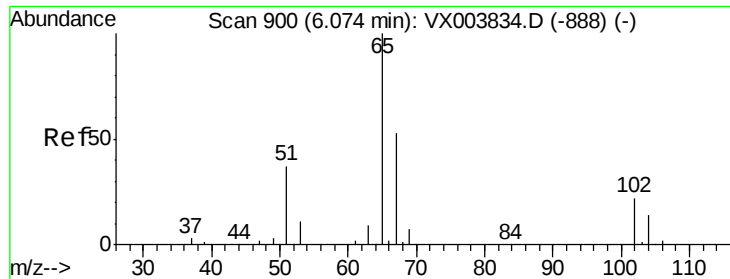
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 41.0 33.3 49.9

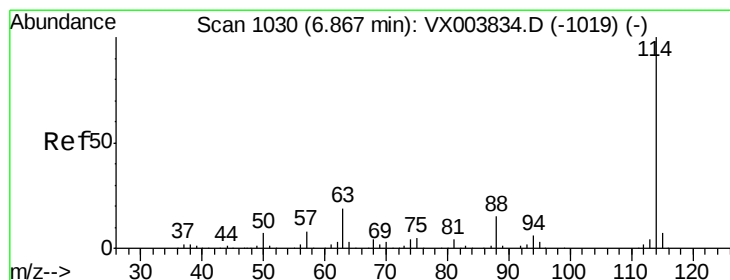
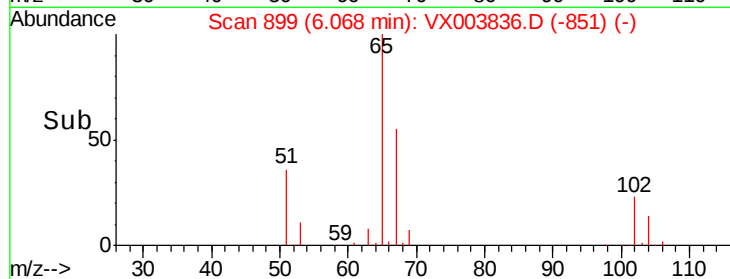
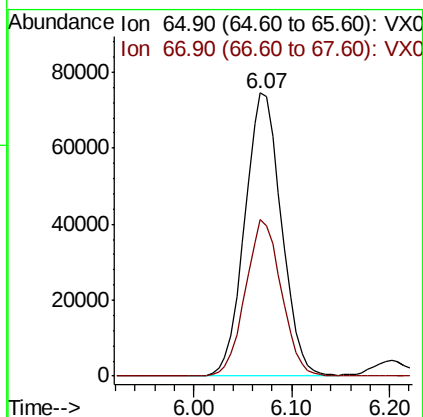
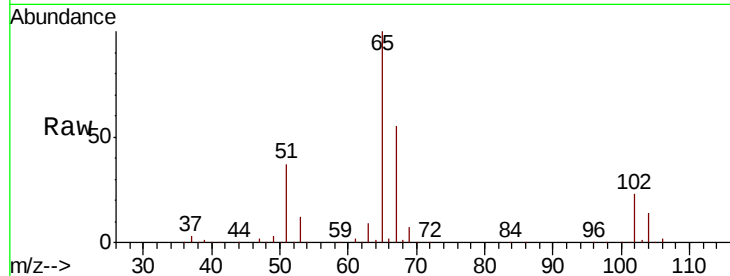




#33
 1,2-Dichloroethane-d4
 Concen: 121.555 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

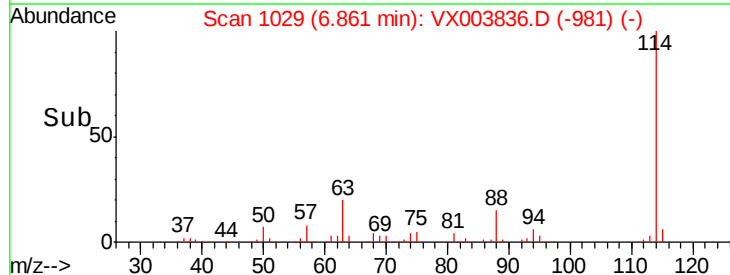
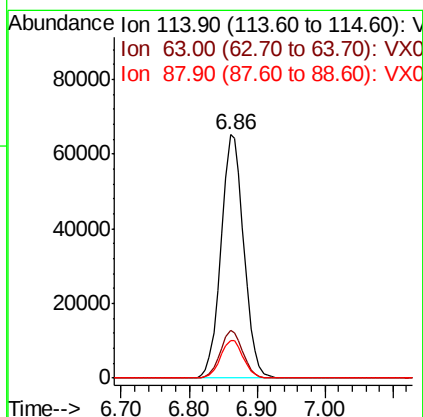
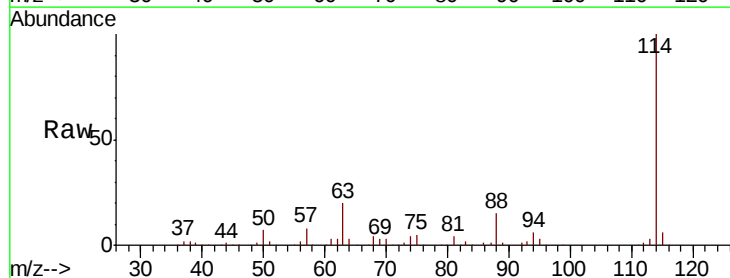
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

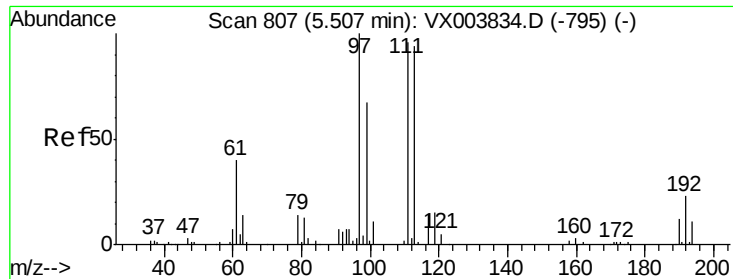
Tgt Ion: 65 Resp: 193990
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 114 Resp: 151132
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.2
 88 15.3 0.0 29.6

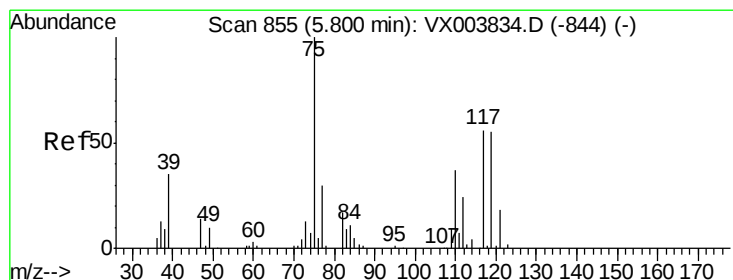
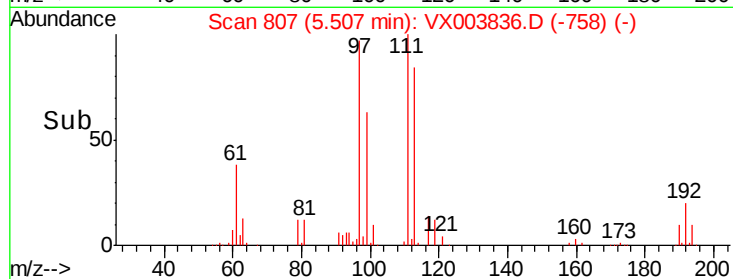
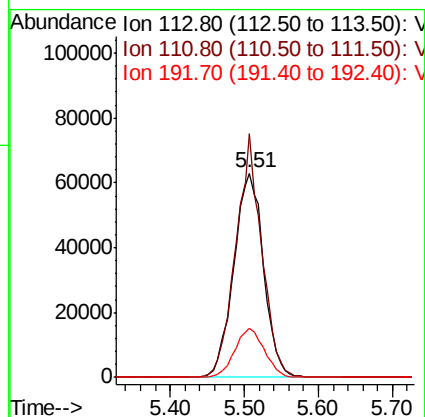
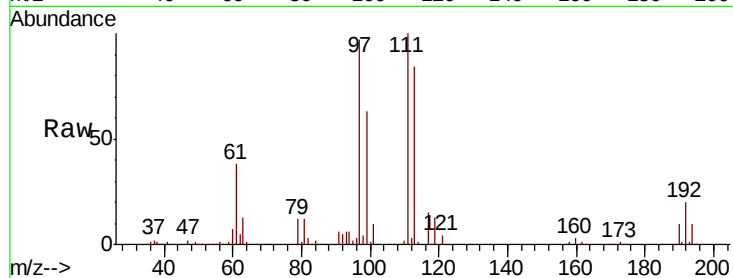




#35
 Dibromofluoromethane
 Concen: 142.625 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

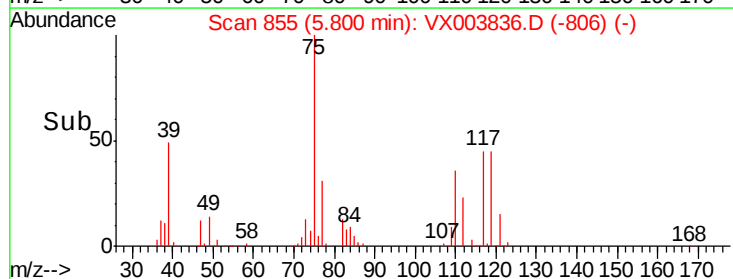
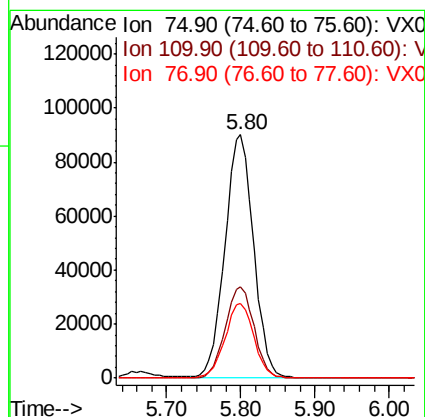
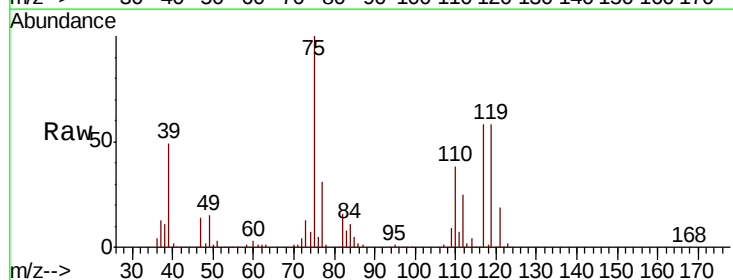
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

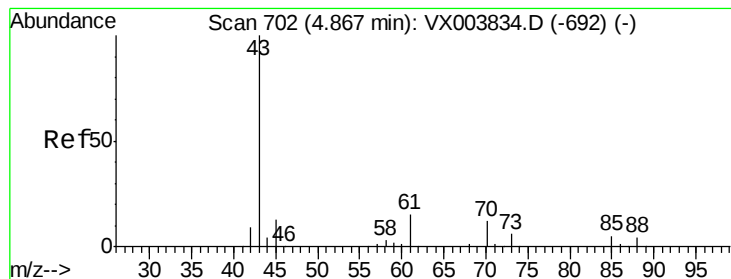
Tgt Ion:113 Resp: 176127
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.1 121.7
 192 23.9 19.7 29.5



#36
 1,1-Dichloropropene
 Concen: 139.826 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 75 Resp: 241558
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.6 55.8
 77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 126.005 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

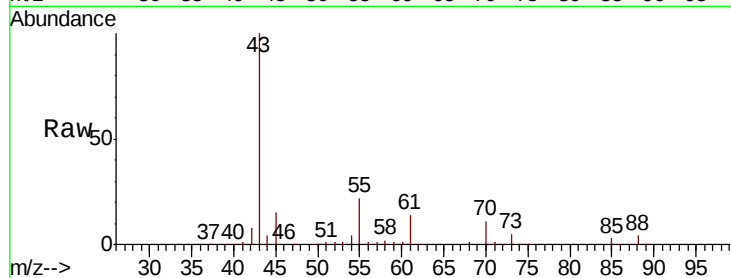
Tgt Ion: 43 Resp: 265877

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

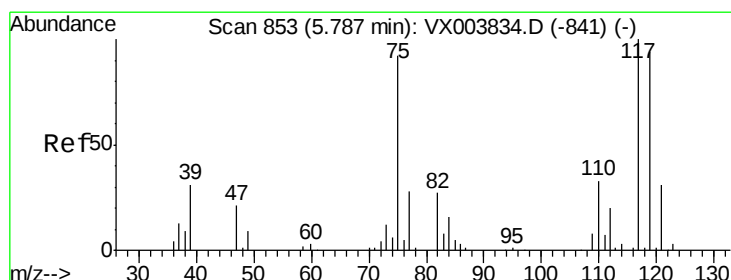
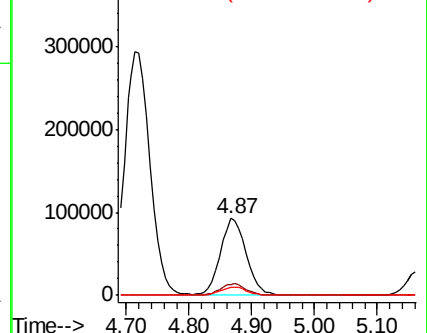
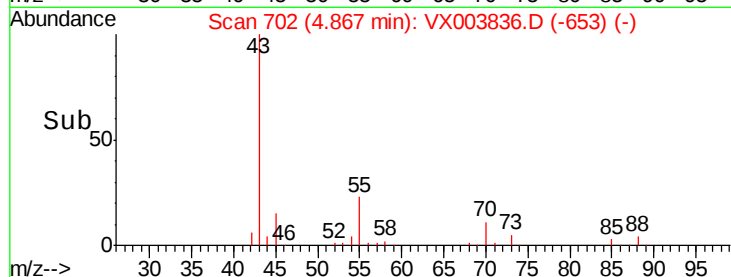
70 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 148.789 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

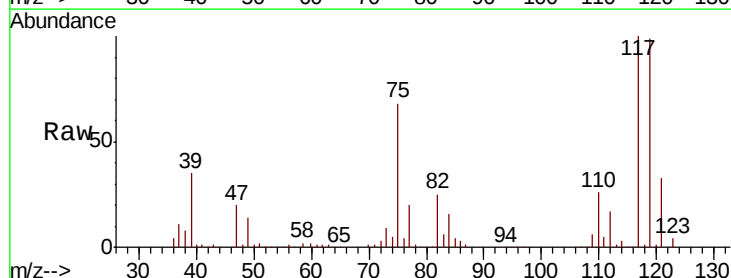
Tgt Ion: 117 Resp: 247783

Ion Ratio Lower Upper

117 100

119 98.6 74.6 112.0

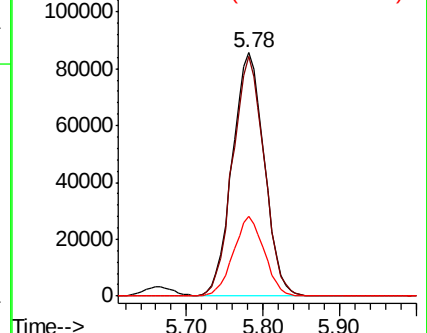
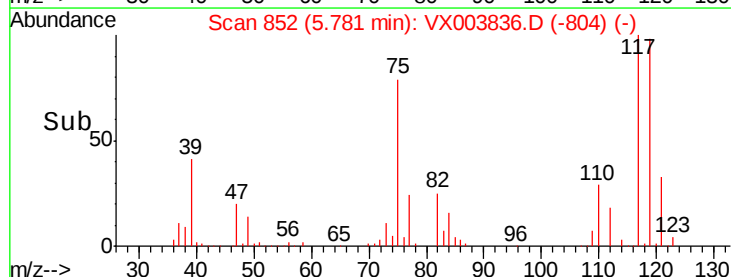
121 33.0 24.4 36.6

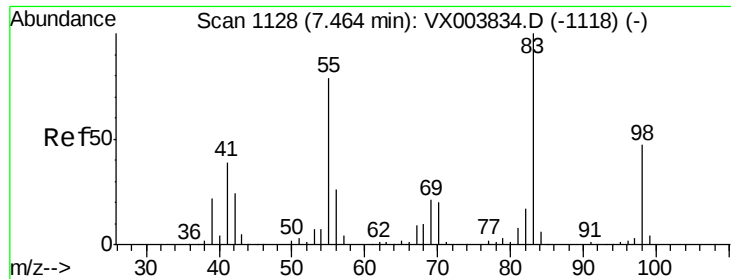


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

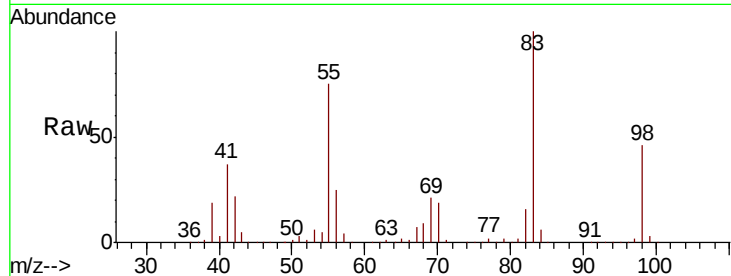




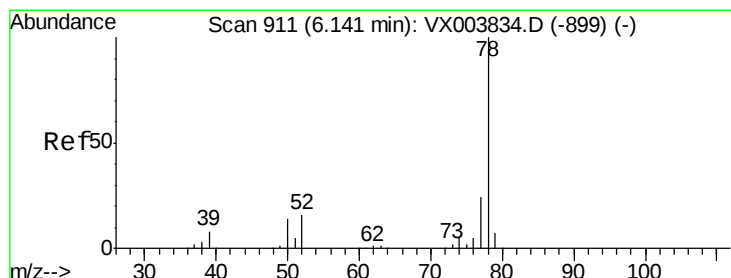
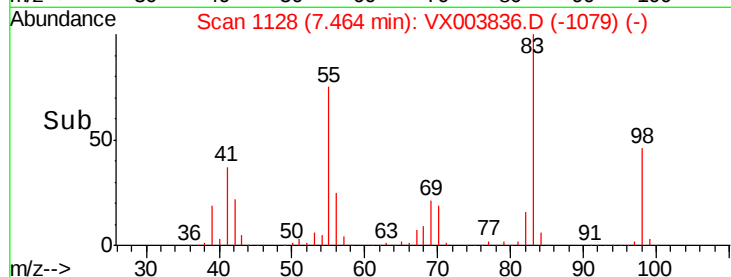
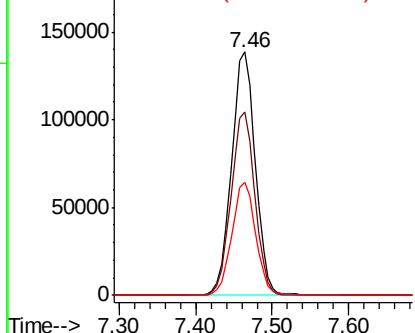
#39
Methylcyclohexane
Concen: 161.808 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 297643
Ion Ratio Lower Upper
83 100
55 75.2 63.1 94.7
98 46.5 37.5 56.3

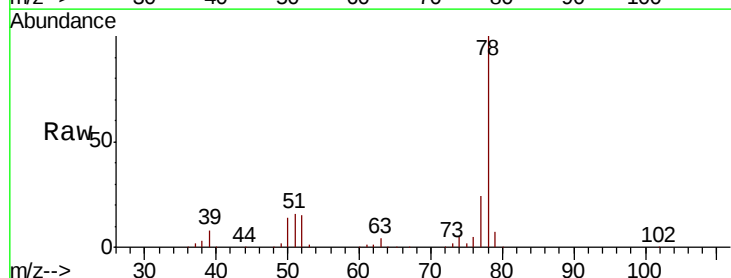


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

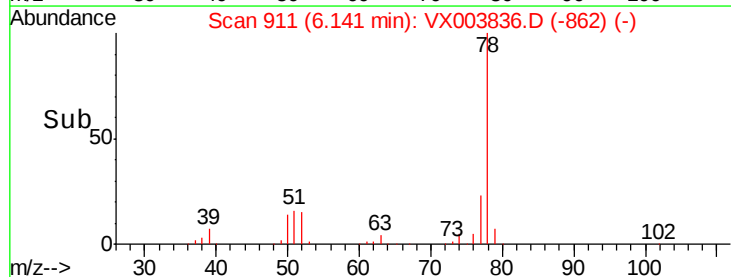
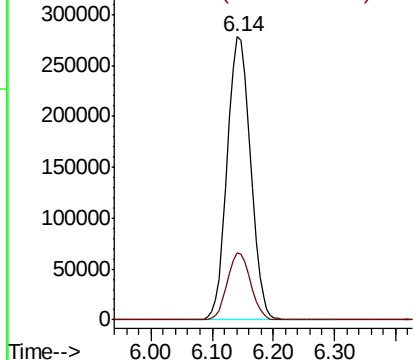


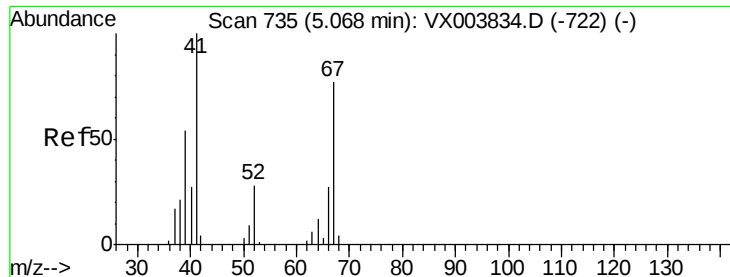
#40
Benzene
Concen: 140.295 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 78 Resp: 729845
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3



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

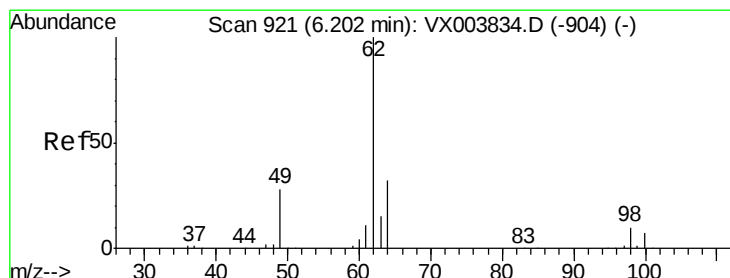
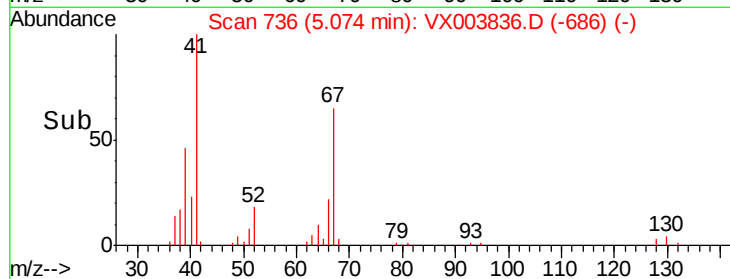
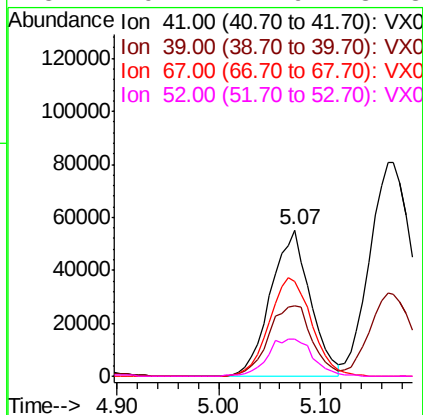
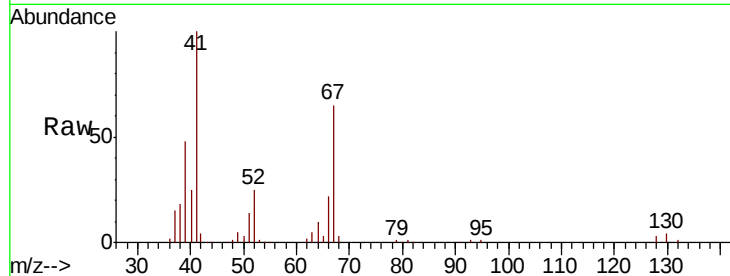




#41
Methacrylonitrile
Concen: 127.176 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

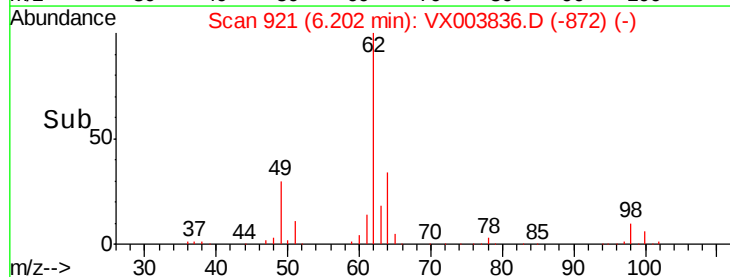
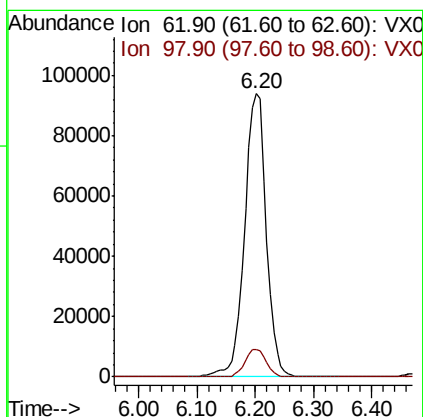
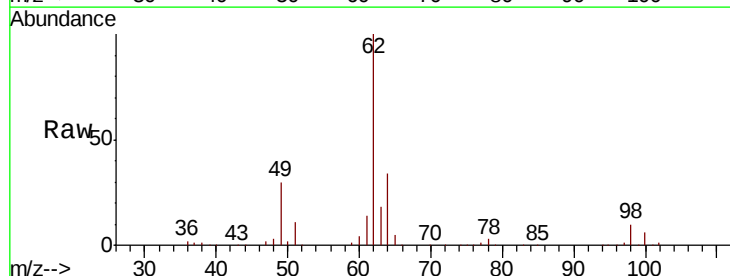
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

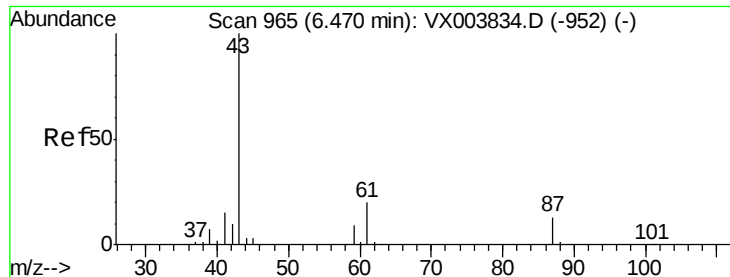
Tgt Ion:	41	Resp:	148528
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.5	63.7
67	72.3	58.8	88.2
52	29.7	22.9	34.3



#42
1,2-Dichloroethane
Concen: 131.822 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion:	62	Resp:	241085
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 139.212 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

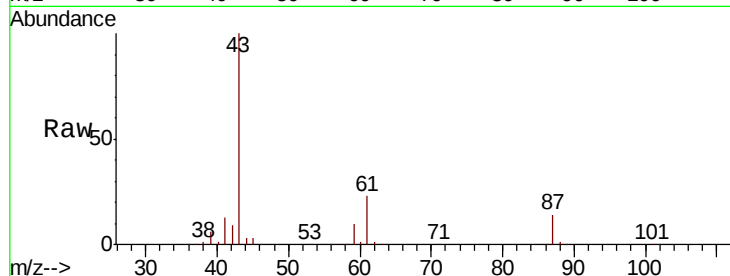
Tgt Ion: 43 Resp: 428051

Ion Ratio Lower Upper

43 100

61 21.1 16.7 25.1

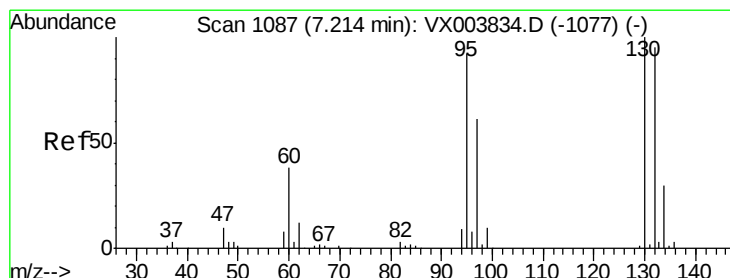
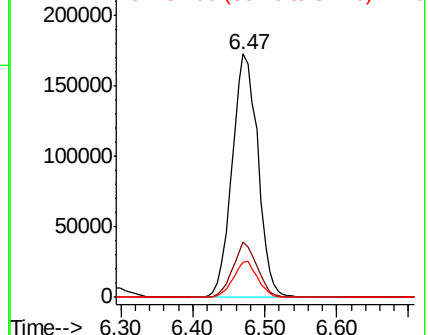
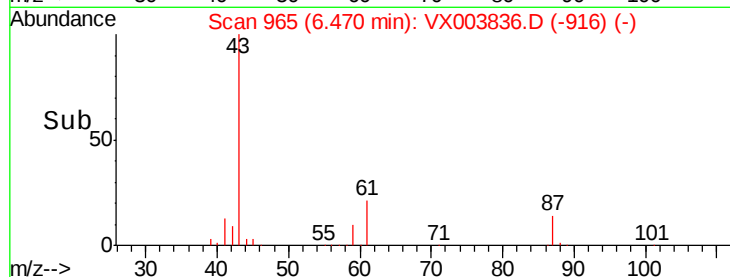
87 14.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX003836.D (-916) (-)

Ion 61.00 (60.70 to 61.70): VX003836.D (-916) (-)

Ion 87.00 (86.70 to 87.70): VX003836.D (-916) (-)



#44

Trichloroethene

Concen: 144.716 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003836.D

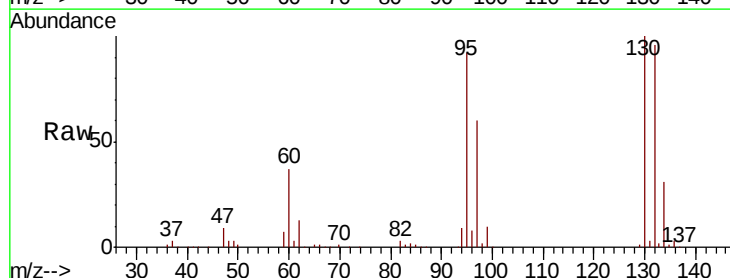
Acq: 02 Aug 2018 21:09

Tgt Ion: 130 Resp: 201273

Ion Ratio Lower Upper

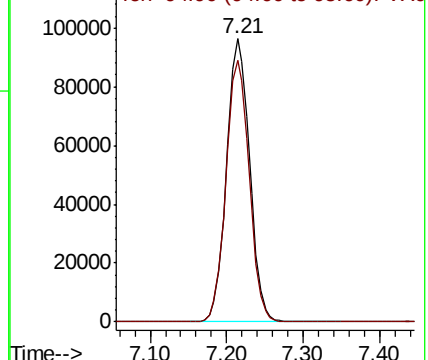
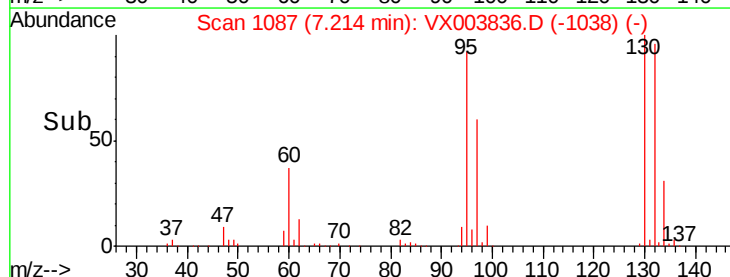
130 100

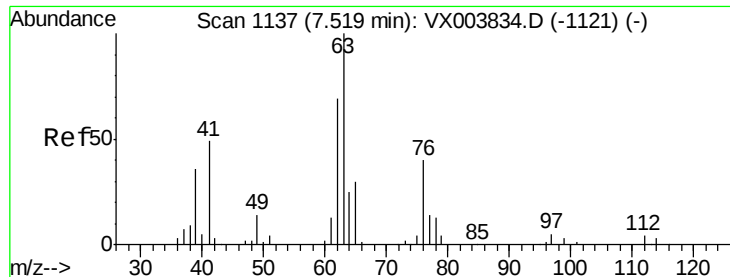
95 92.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): VX003836.D (-1038) (-)

Ion 94.90 (94.60 to 95.60): VX003836.D (-1038) (-)

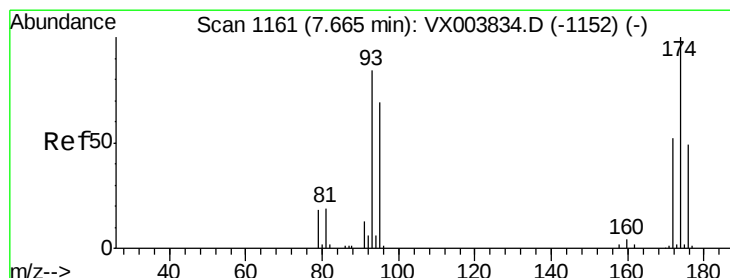
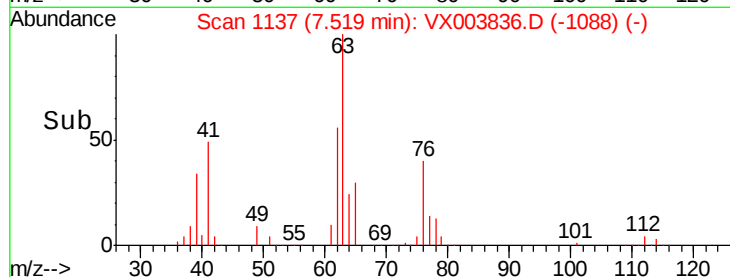
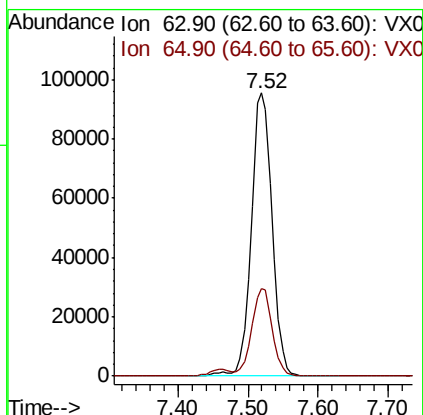
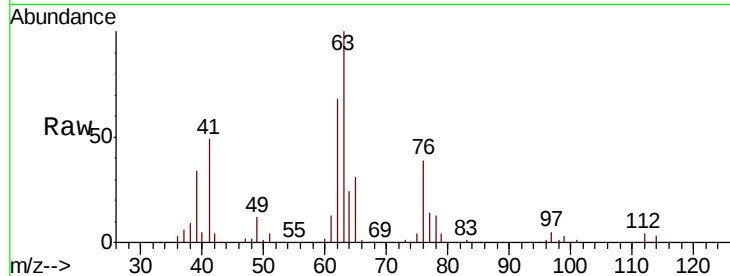




#45
 1,2-Dichloropropane
 Concen: 145.053 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

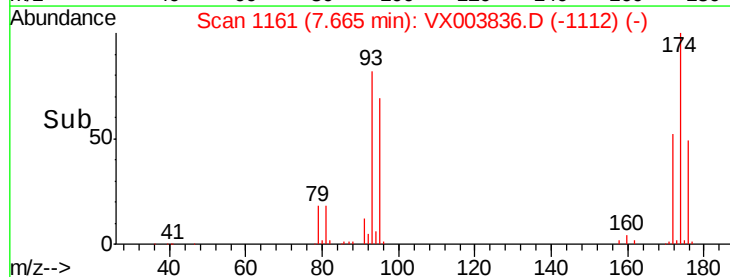
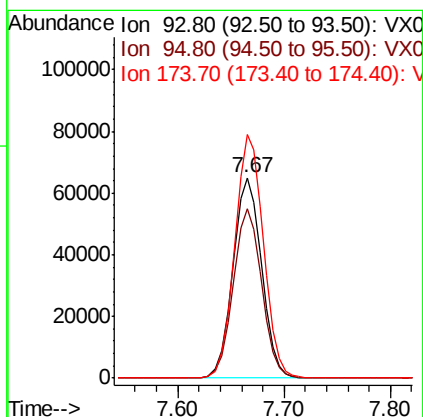
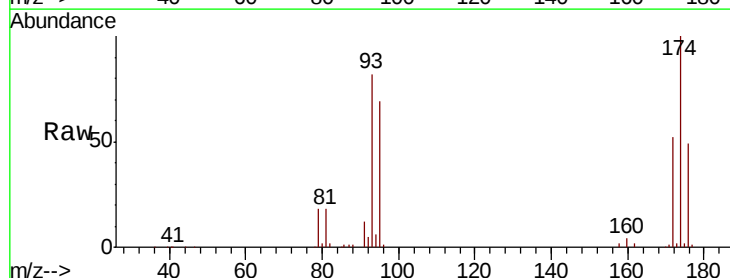
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

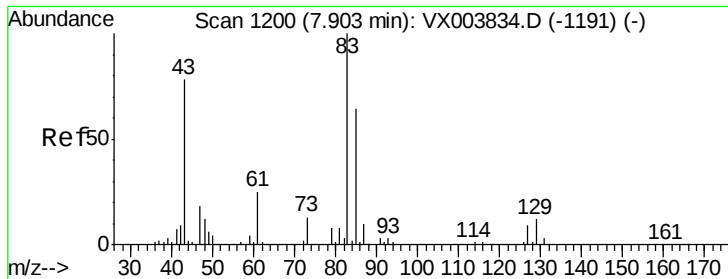
Tgt Ion: 63 Resp: 195633
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 140.864 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 93 Resp: 122889
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.6
 174 121.7 97.4 146.2





#47

Bromodichloromethane

Concen: 147.420 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

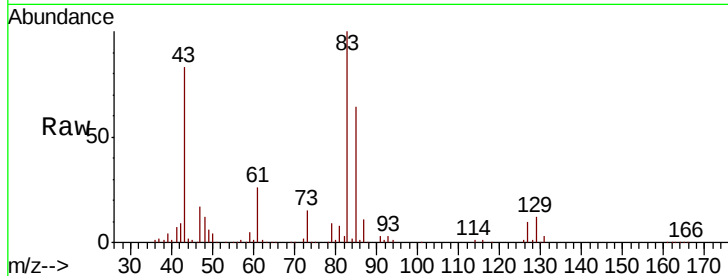
Tgt Ion: 83 Resp: 240183

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

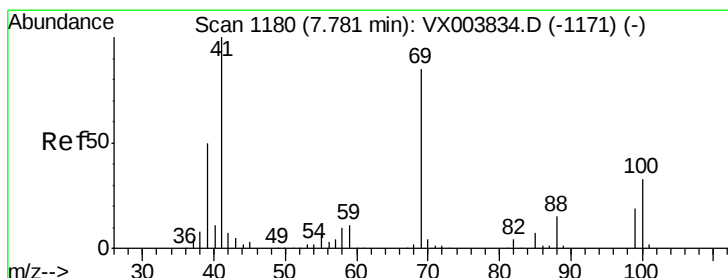
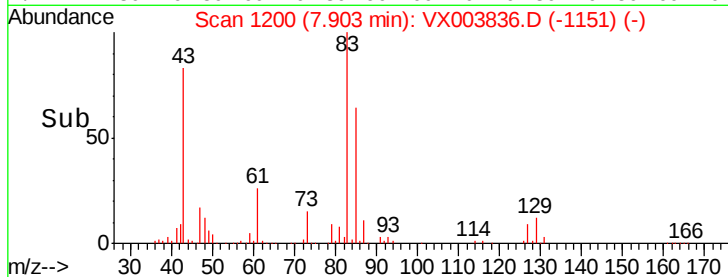
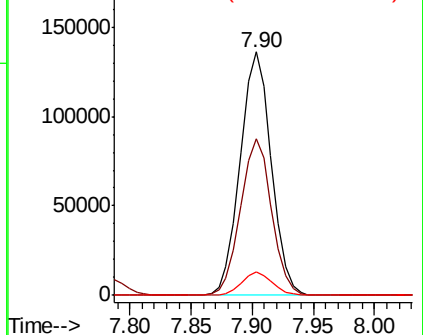
127 9.5 7.0 10.6



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: 141.053 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

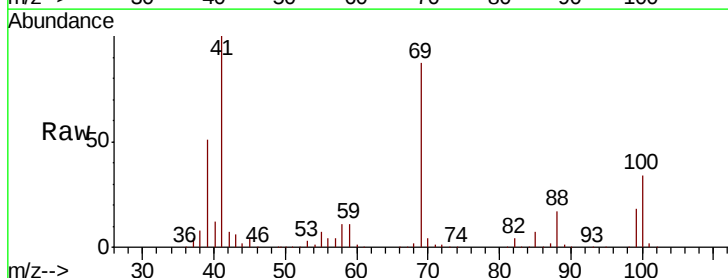
Tgt Ion: 41 Resp: 220135

Ion Ratio Lower Upper

41 100

69 89.4 70.2 105.4

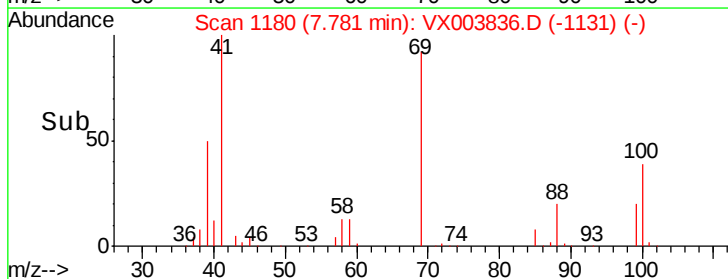
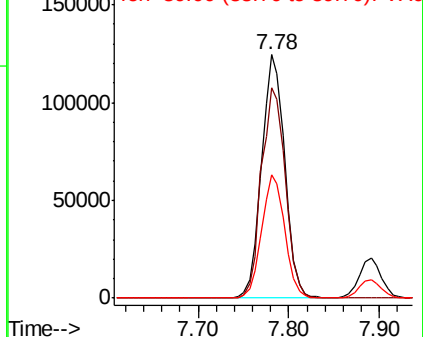
39 50.6 40.9 61.3

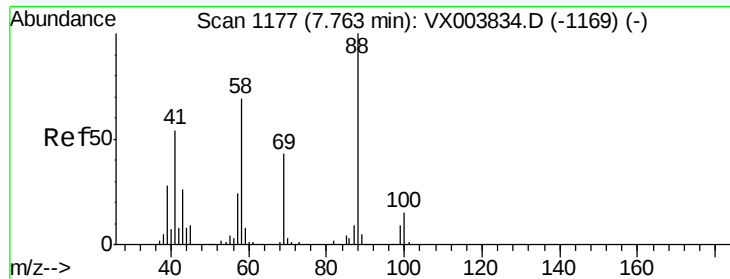


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

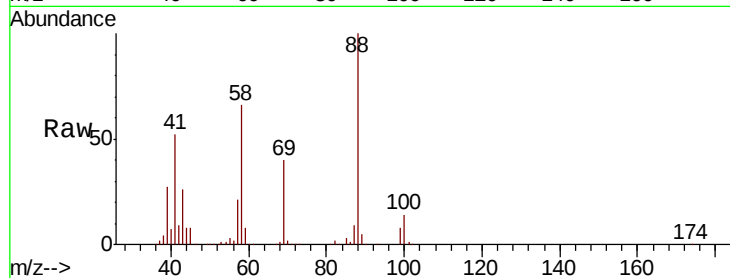




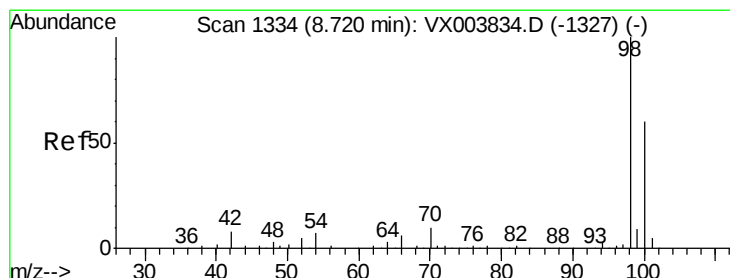
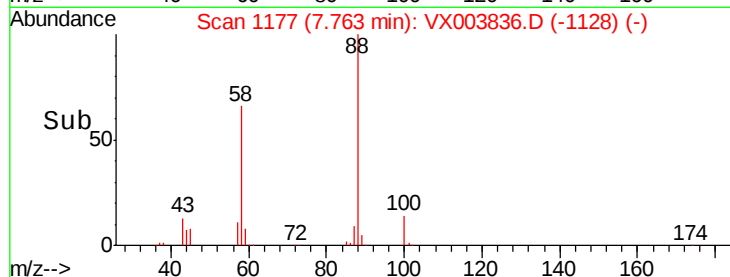
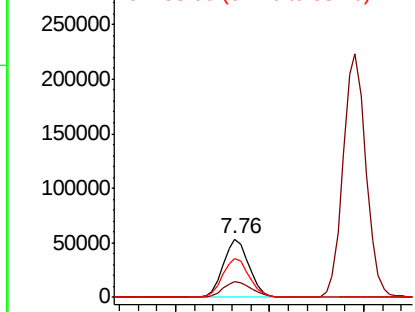
#49
1,4-Dioxane
Concen: 2872.173 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 100686
Ion Ratio Lower Upper
88 100
43 29.8 24.4 36.6
58 68.7 56.5 84.7

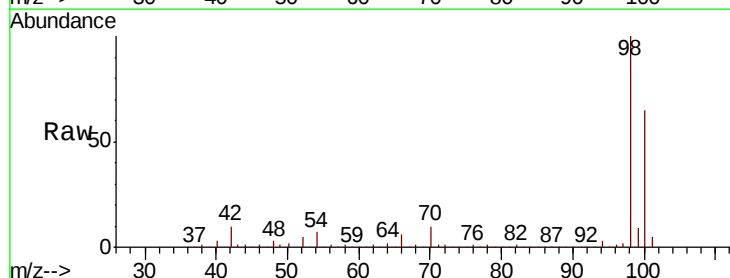


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

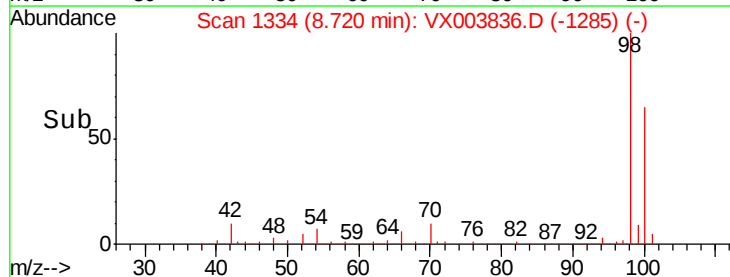
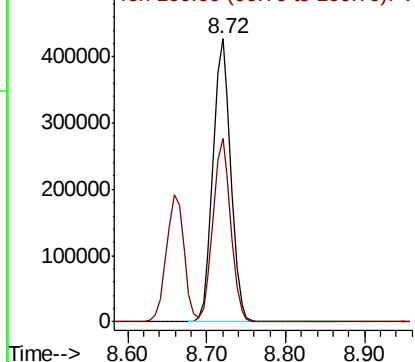


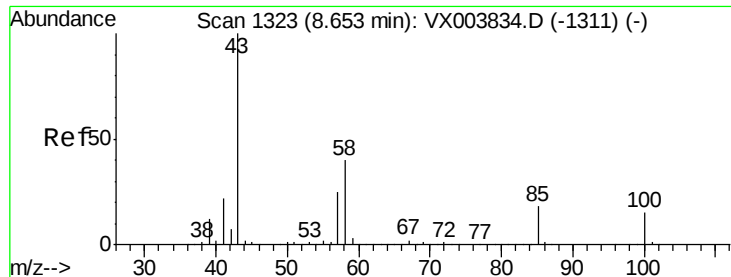
#50
Toluene-d8
Concen: 143.240 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 98 Resp: 672341
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



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: 824.101 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

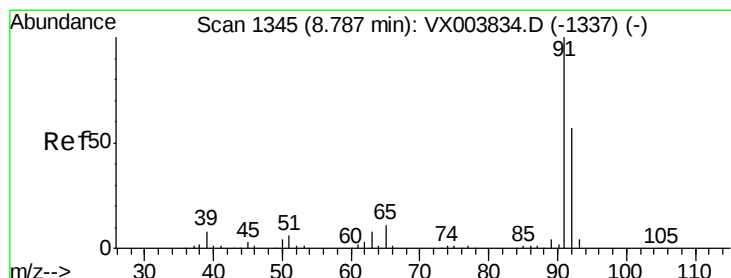
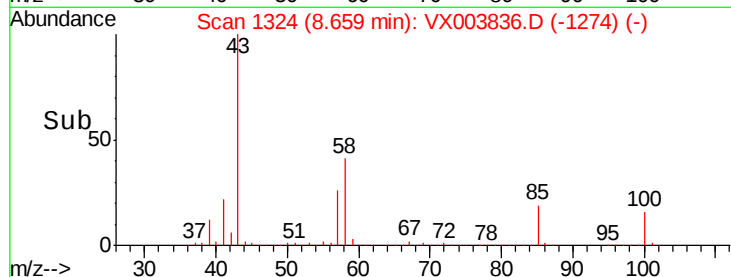
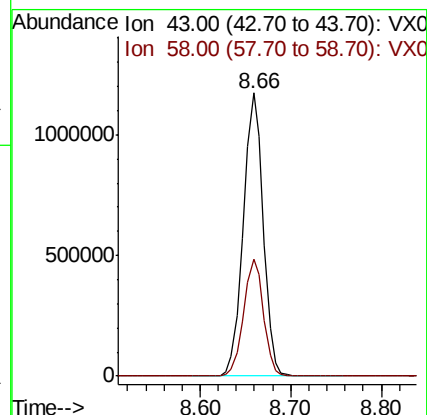
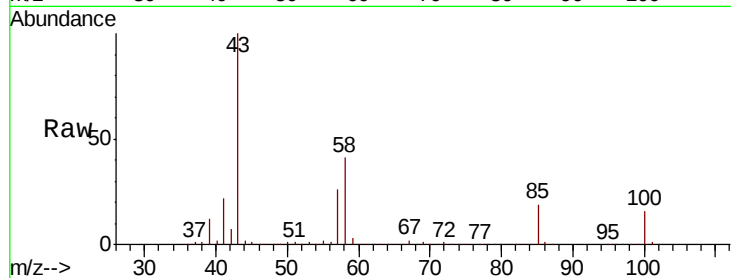
VSTDIC150

Tgt Ion: 43 Resp: 1784897

Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.2



#52

Toluene

Concen: 144.768 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003836.D

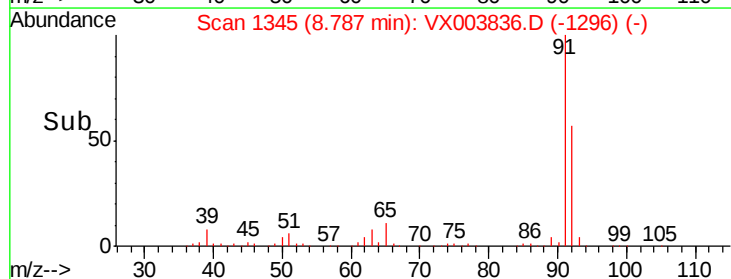
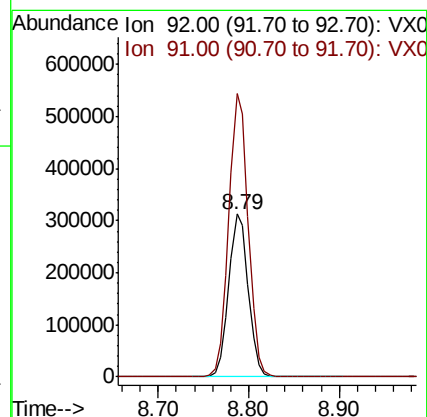
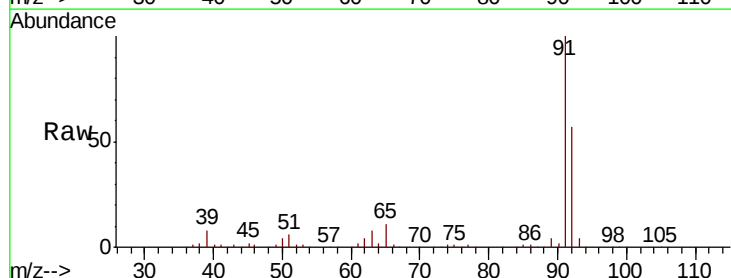
Acq: 02 Aug 2018 21:09

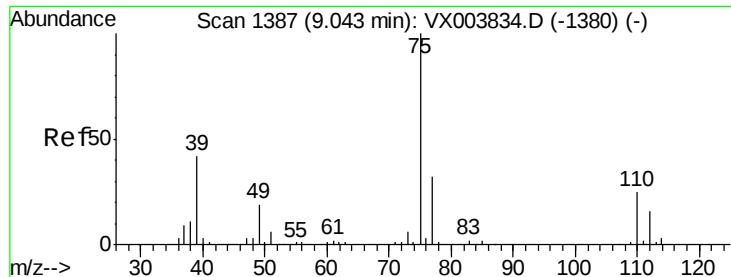
Tgt Ion: 92 Resp: 468153

Ion Ratio Lower Upper

92 100

91 173.4 140.2 210.2

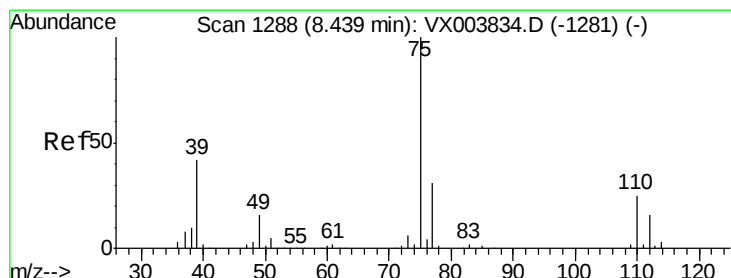
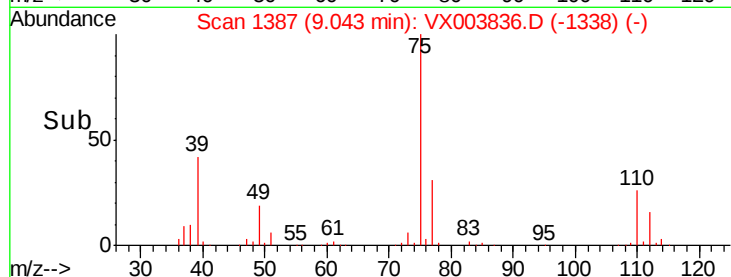
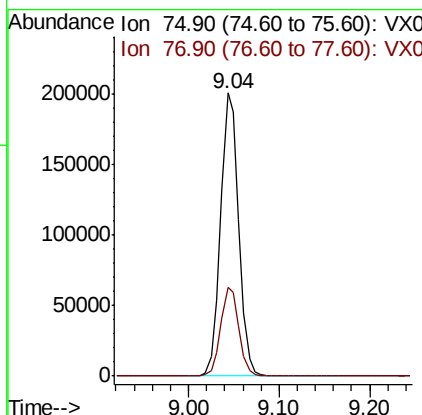
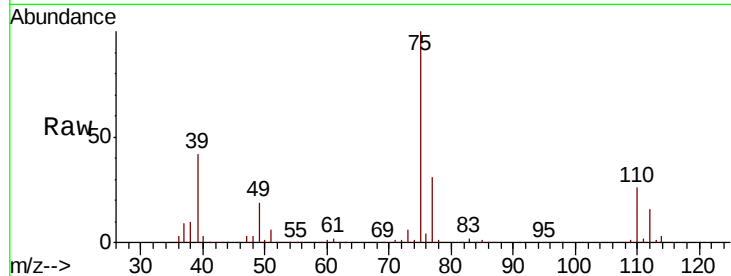




#53
 t-1,3-Dichloropropene
 Concen: 154.994 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

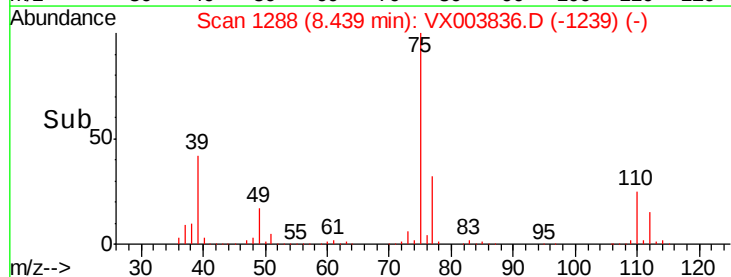
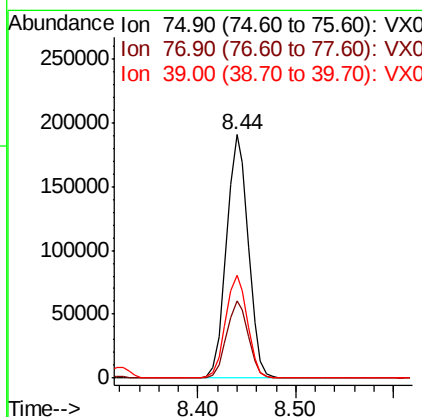
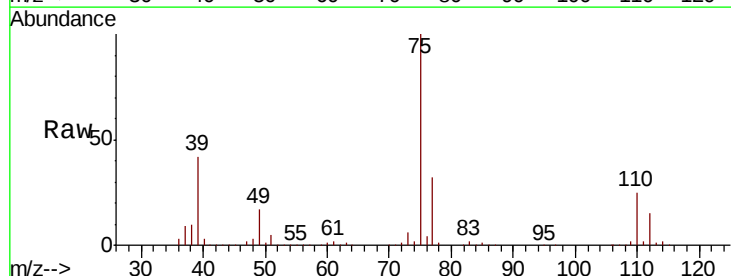
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

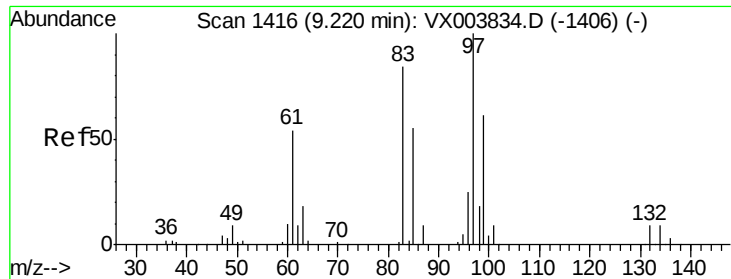
Tgt Ion: 75 Resp: 279651
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 149.032 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 75 Resp: 295119
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 42.4 33.5 50.3

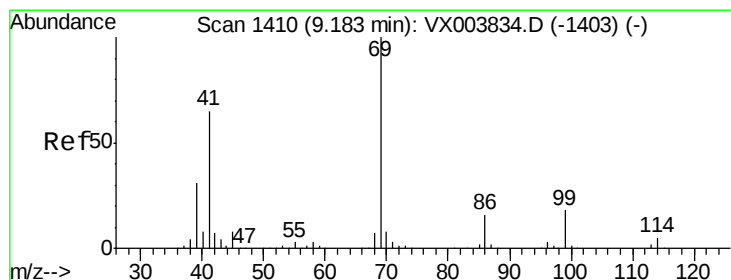
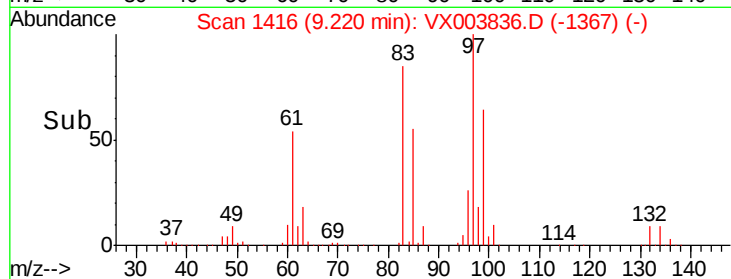
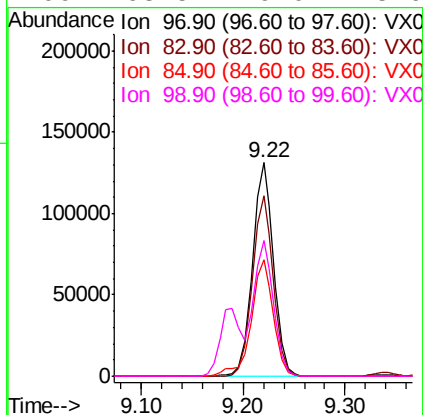
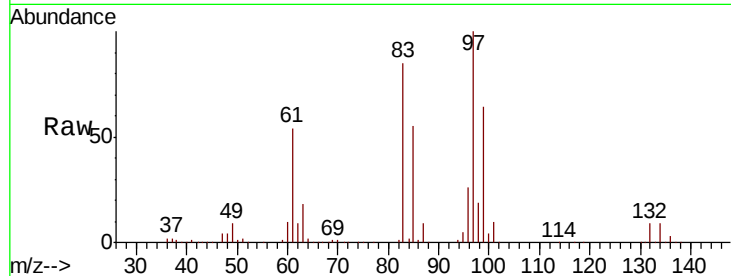




#55
 1,1,2-Trichloroethane
 Concen: 141.780 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

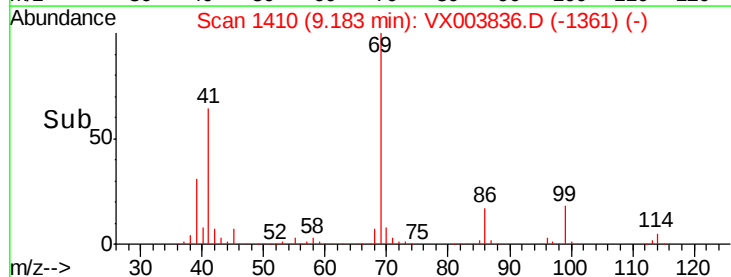
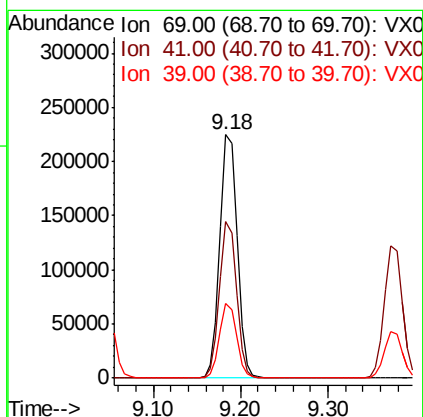
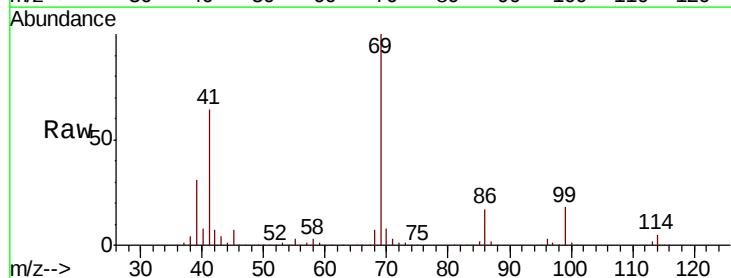
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

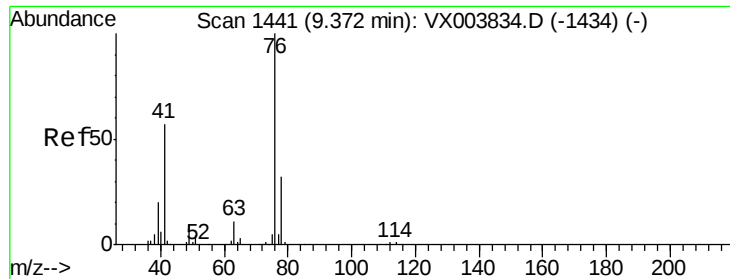
Tgt Ion:	97	Resp:	189083
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.2
85	54.6	43.9	65.9
99	63.5	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 156.728 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion:	69	Resp:	309435
Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.1	76.7
39	30.2	24.7	37.1

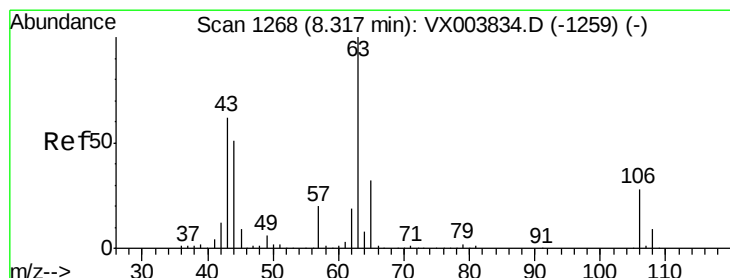
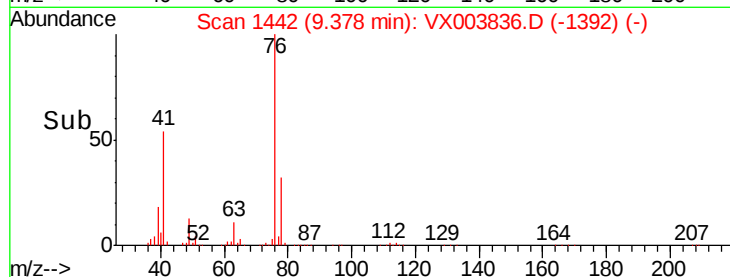
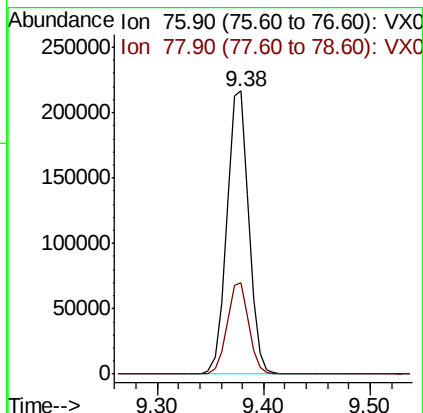
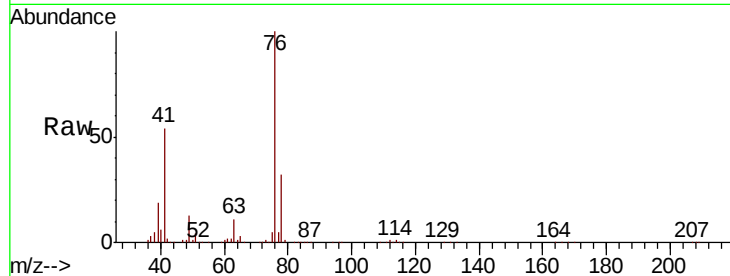




#57
 1,3-Dichloropropane
 Concen: 139.287 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

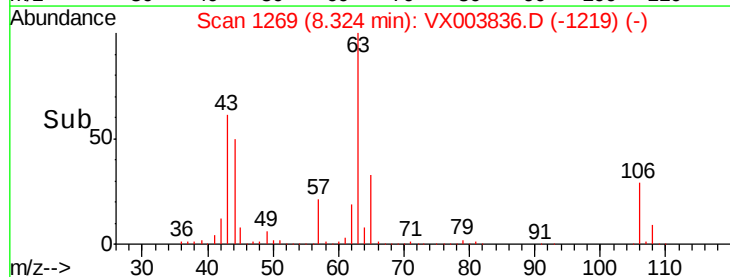
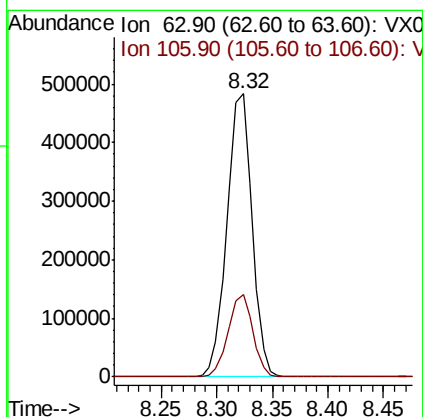
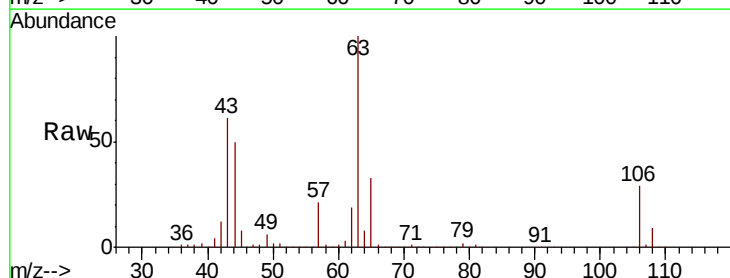
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

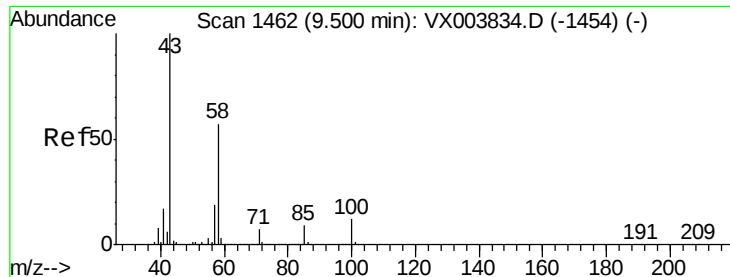
Tgt Ion: 76 Resp: 311381
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 756.334 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 63 Resp: 754338
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.6 34.0

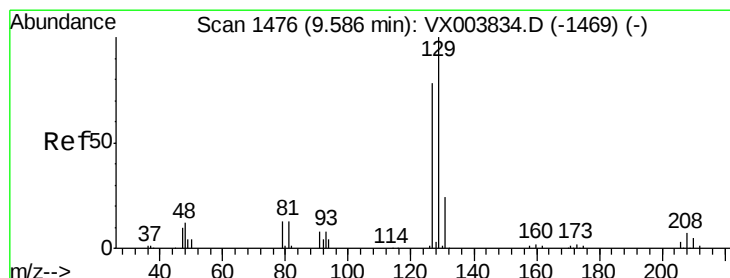
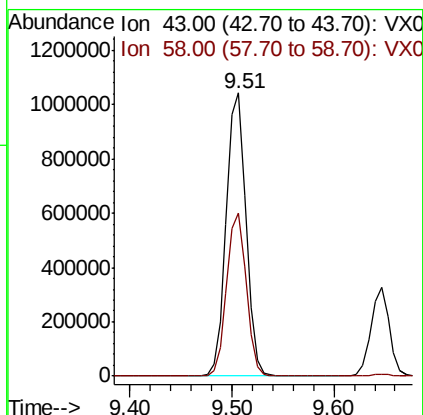
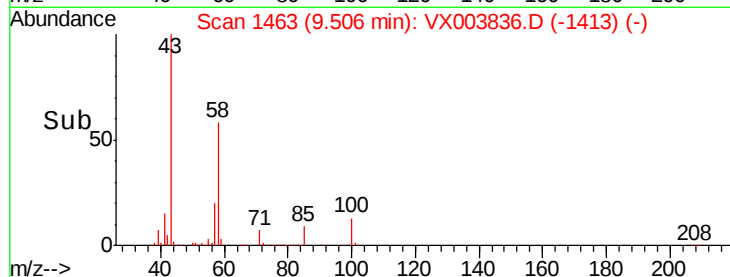
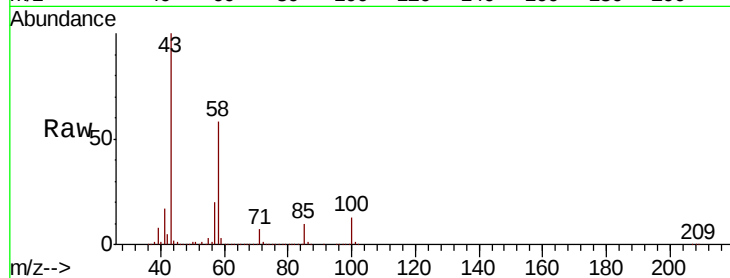




#59
2-Hexanone
Concen: 841.667 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

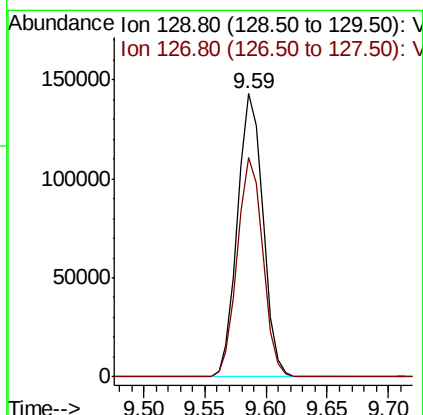
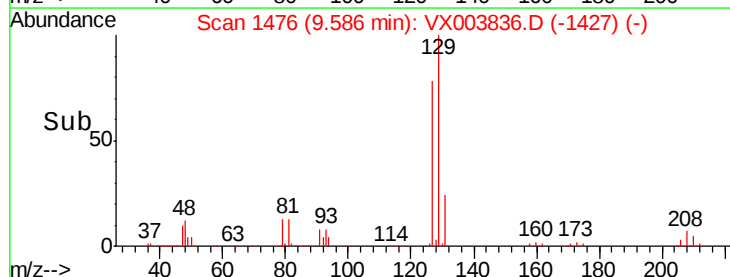
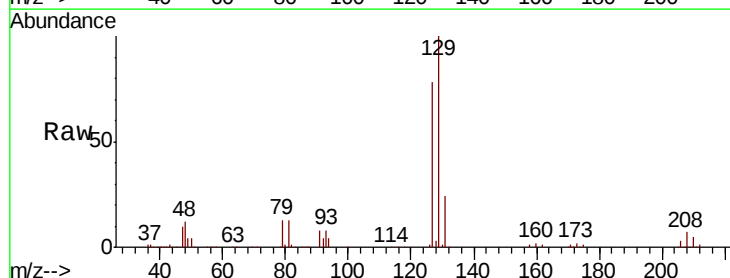
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

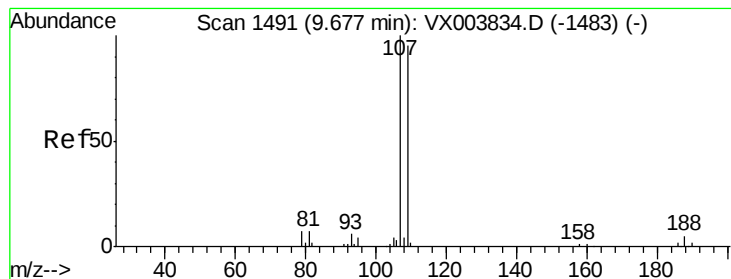
Tgt Ion: 43 Resp: 1396729
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7



#60
Dibromochloromethane
Concen: 162.180 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion: 129 Resp: 206193
Ion Ratio Lower Upper
129 100
127 77.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 145.683 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

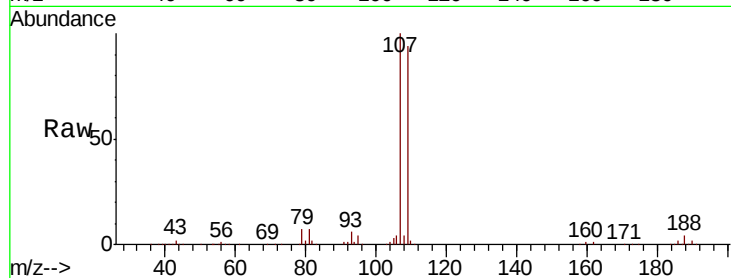
VSTDIC150

Tgt Ion:107 Resp: 202822

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

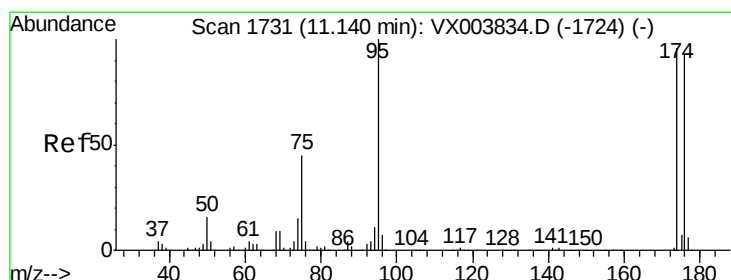
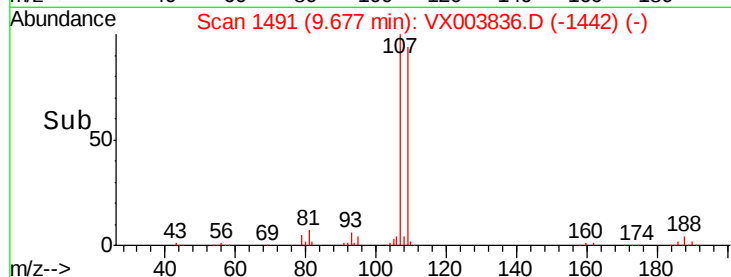
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 150.101 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

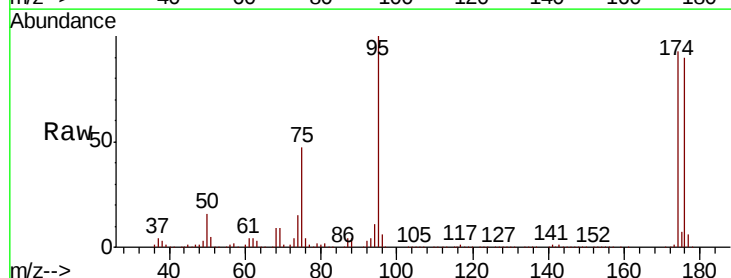
Tgt Ion: 95 Resp: 257316

Ion Ratio Lower Upper

95 100

174 95.5 0.0 192.2

176 93.3 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

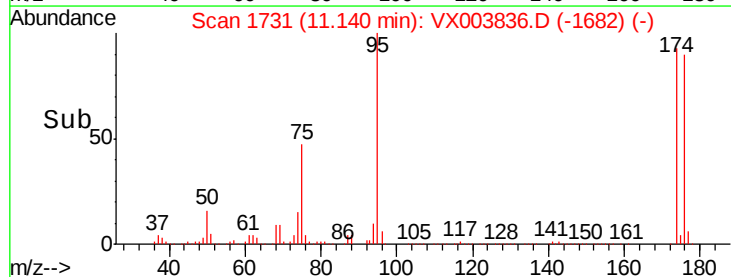
100000

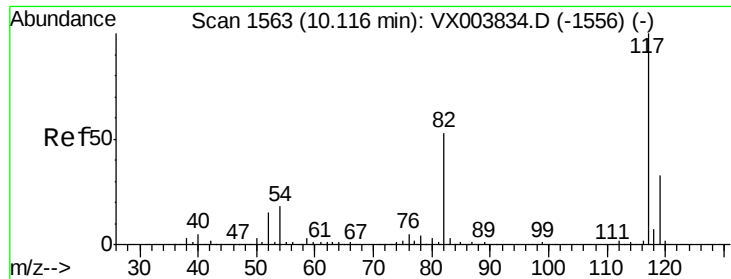
50000

0

11.10 11.20

Time-->

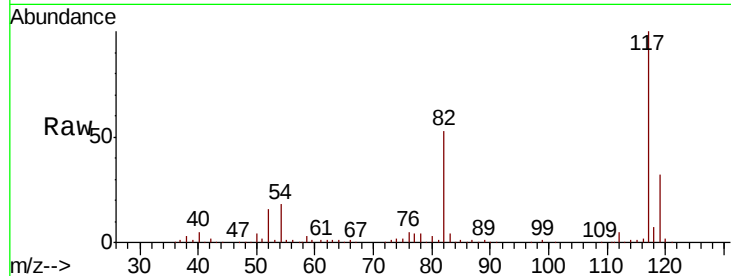




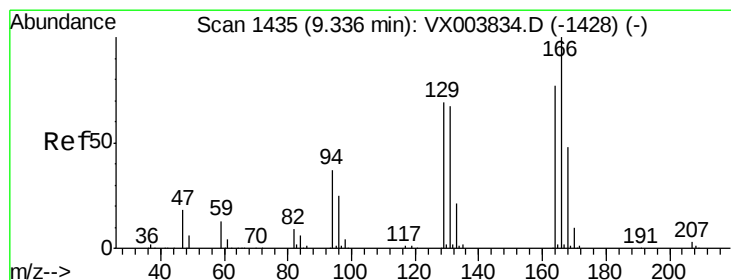
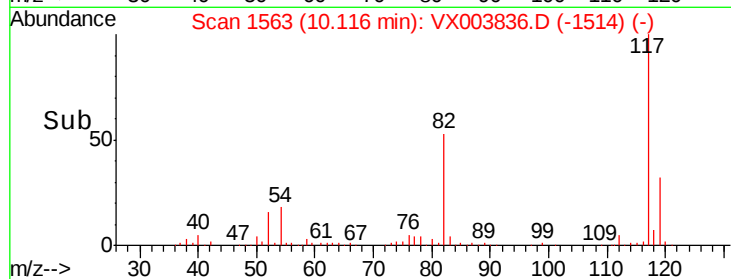
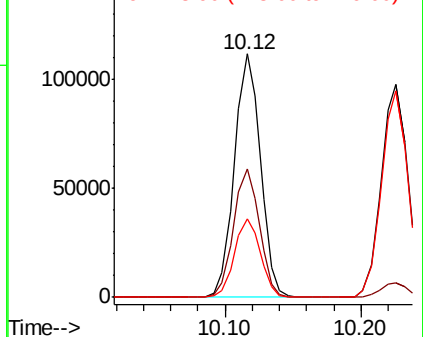
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion:117 Resp: 148883
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.3 26.2 39.2



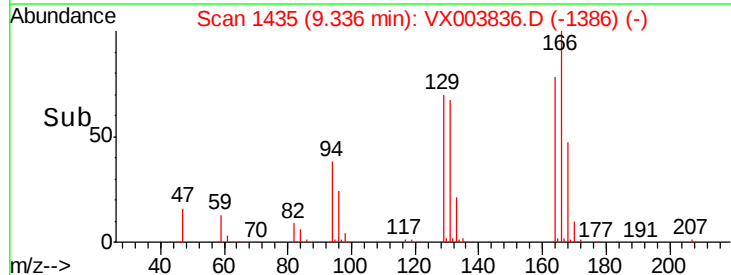
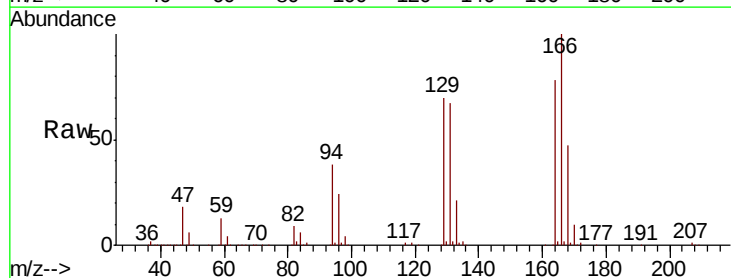
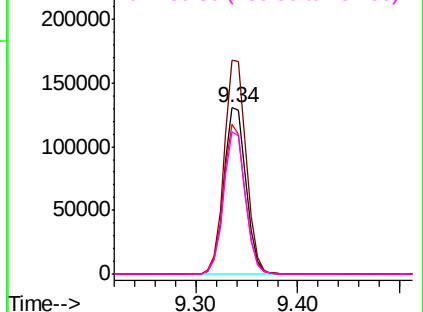
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

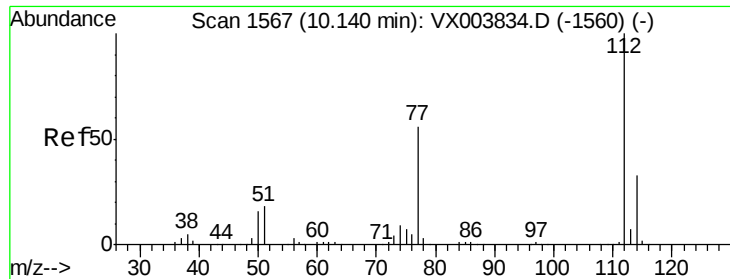


#64
Tetrachloroethene
Concen: 145.325 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion:164 Resp: 194787
Ion Ratio Lower Upper
164 100
166 128.4 103.7 155.5
129 90.2 71.9 107.9
131 85.7 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

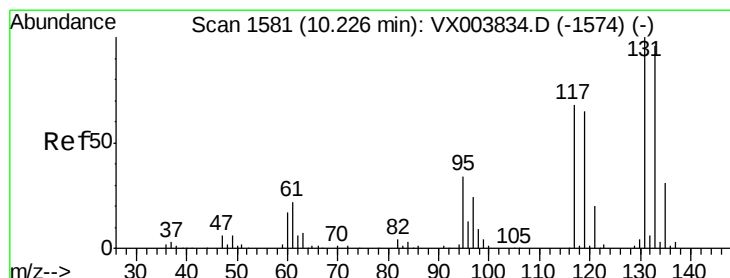
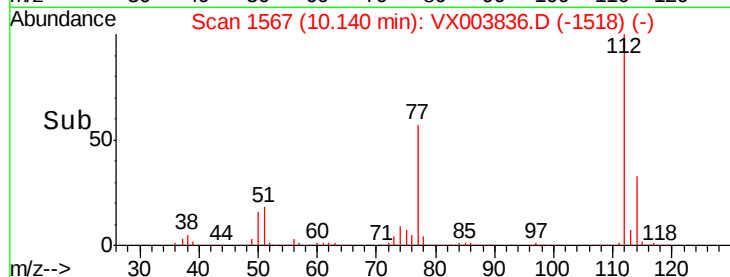
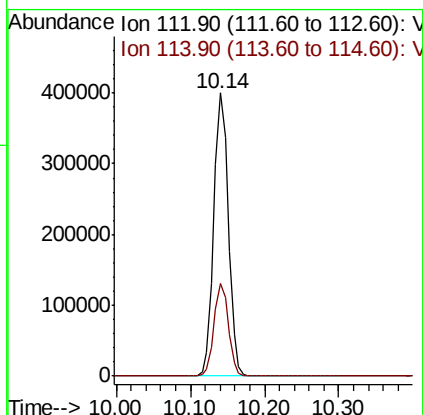
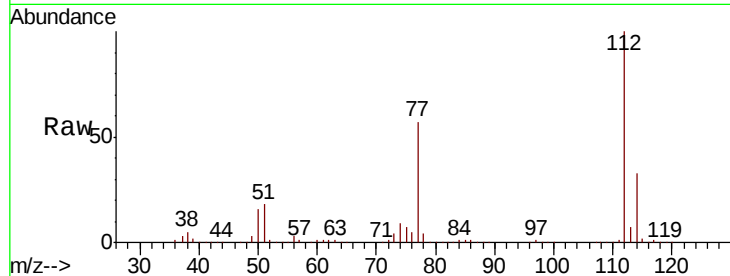




#65
Chlorobenzene
Concen: 143.434 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

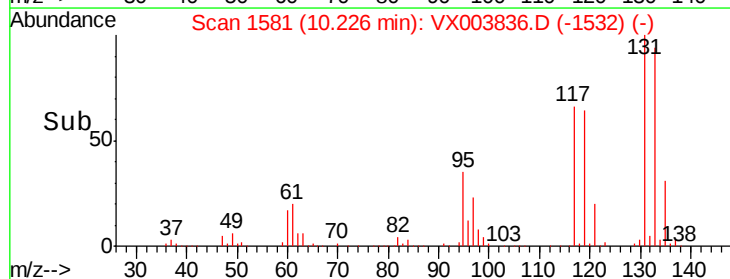
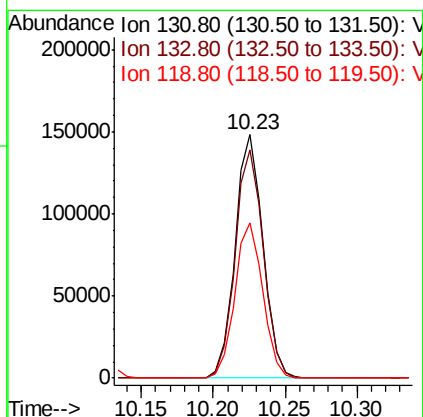
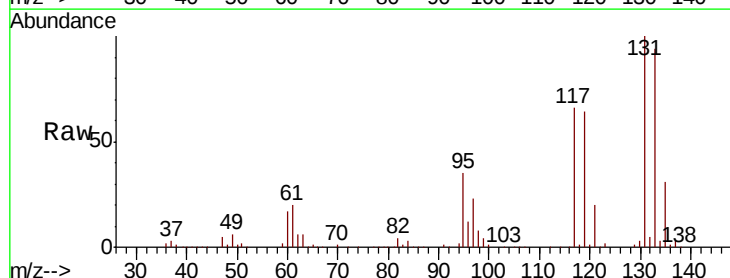
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

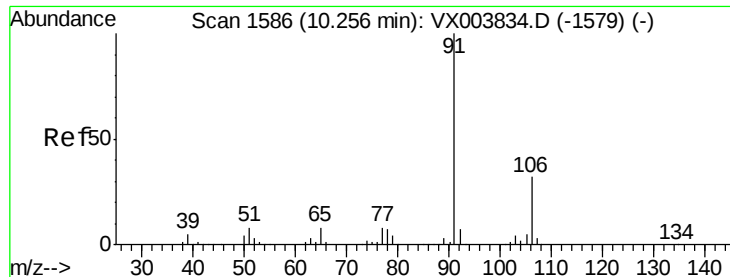
Tgt Ion:112 Resp: 536077
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 152.482 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion:131 Resp: 199038
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 64.3 32.8 98.3





#67

Ethyl Benzene

Concen: 148.659 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

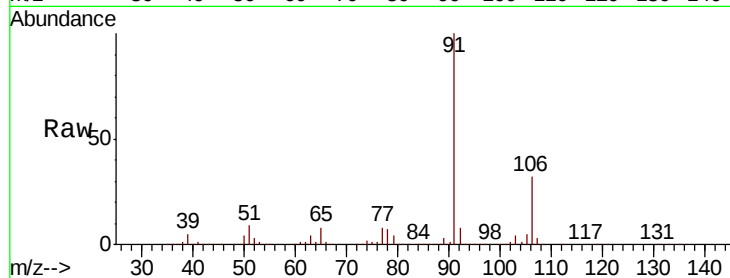
VSTDIC150

Tgt Ion: 91 Resp: 918995

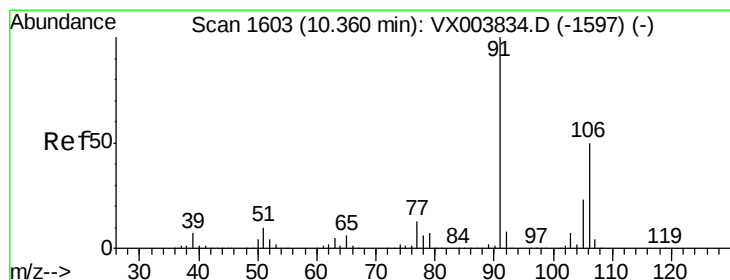
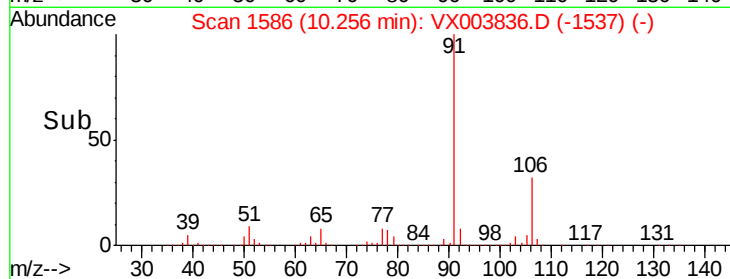
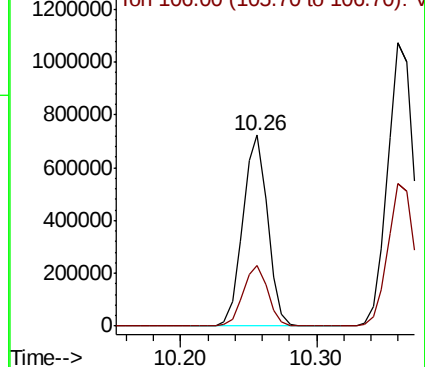
Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX003836.D (-1579) (-)



#68

m/p-Xylenes

Concen: 305.878 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003836.D

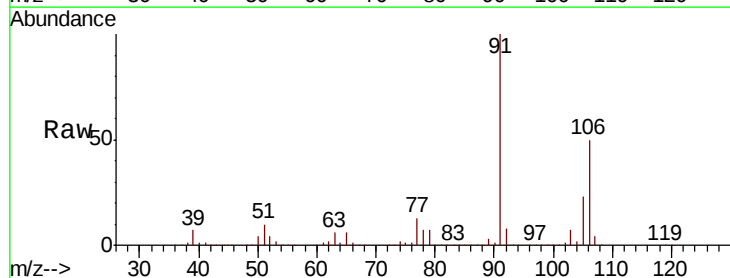
Acq: 02 Aug 2018 21:09

Tgt Ion: 106 Resp: 726902

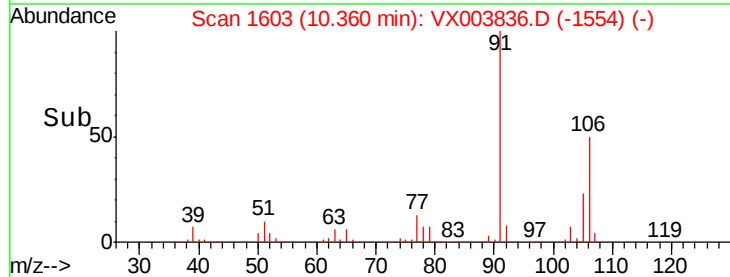
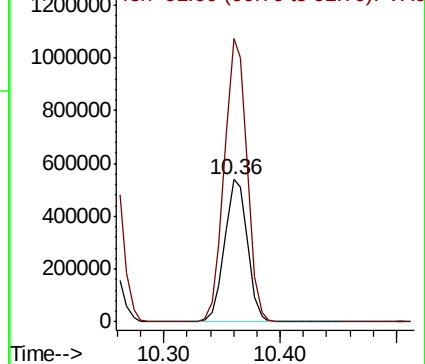
Ion Ratio Lower Upper

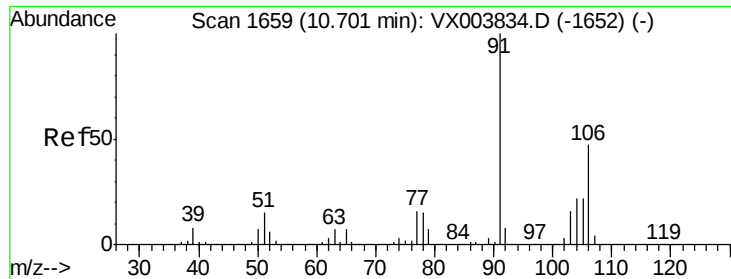
106 100

91 198.2 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VX003836.D (-1597) (-)

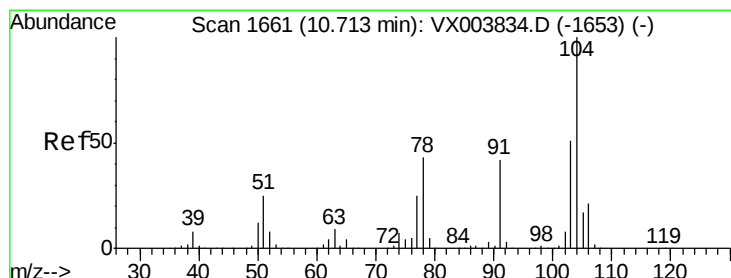
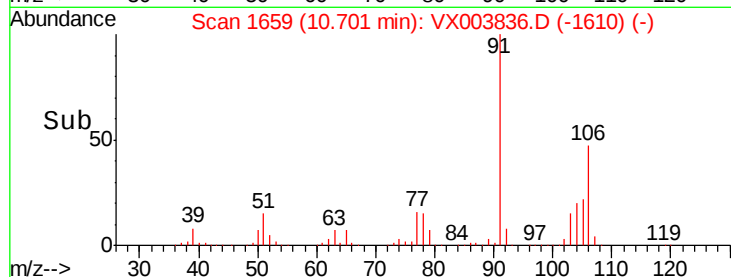
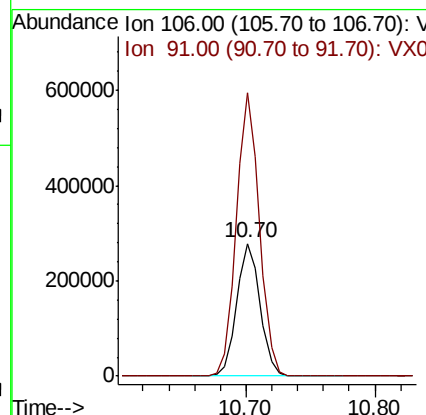
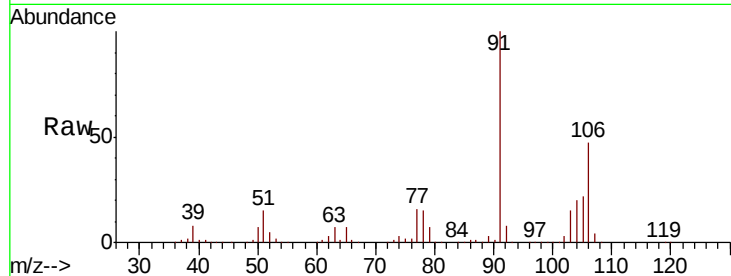




#69
o-Xylene
Concen: 153.416 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

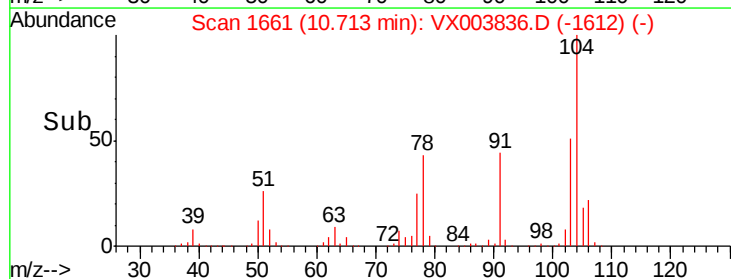
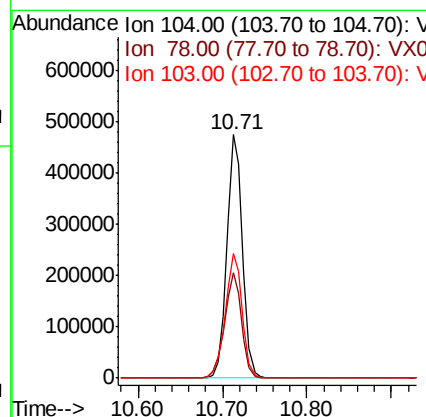
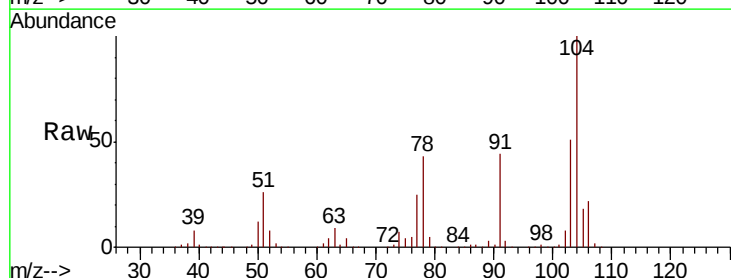
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

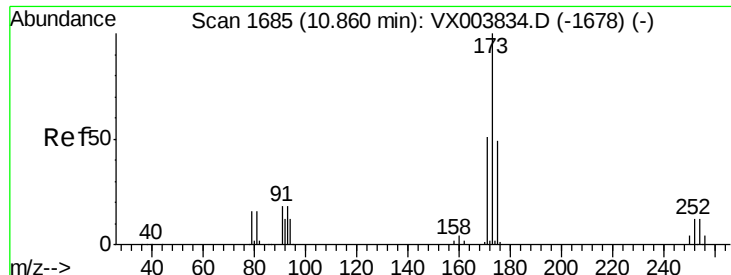
Tgt Ion:106 Resp: 352723
Ion Ratio Lower Upper
106 100
91 210.1 105.7 317.1



#70
Styrene
Concen: 155.680 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion:104 Resp: 601899
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.8
103 55.3 44.2 66.4





#71

Bromoform

Concen: 175.442 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

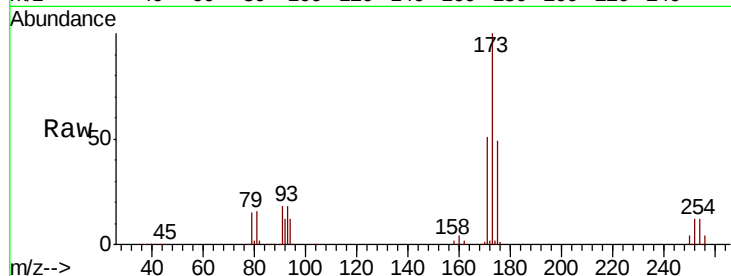
Tgt Ion:173 Resp: 182486

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.2

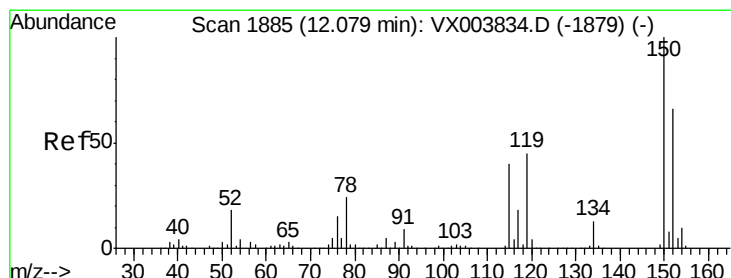
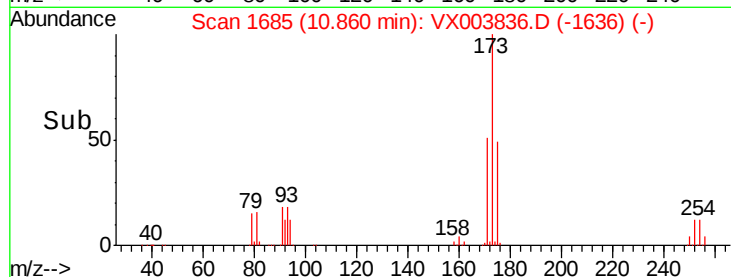
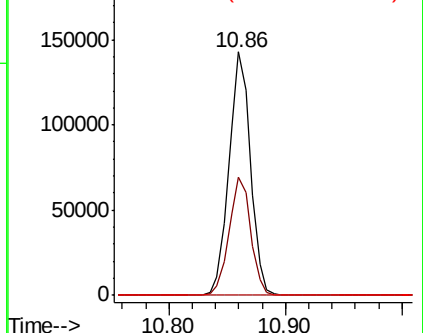
254 0.2 0.1 0.1#



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# 1885

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

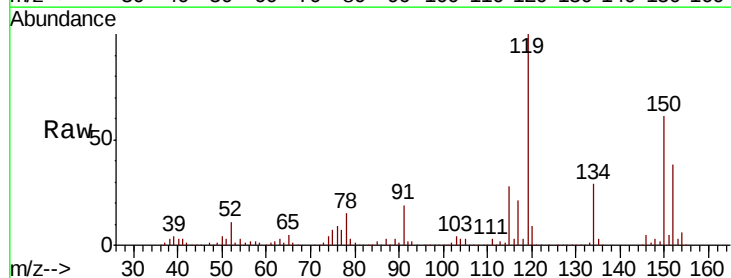
Tgt Ion:152 Resp: 97861

Ion Ratio Lower Upper

152 100

115 120.0 37.4 112.1#

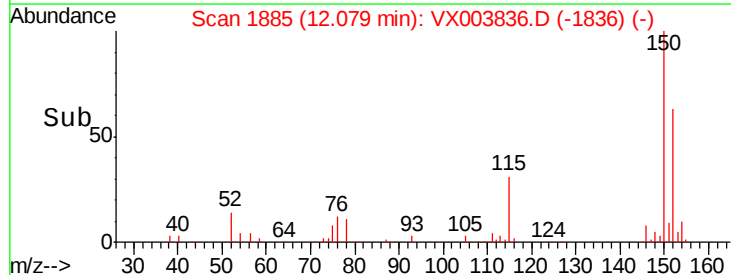
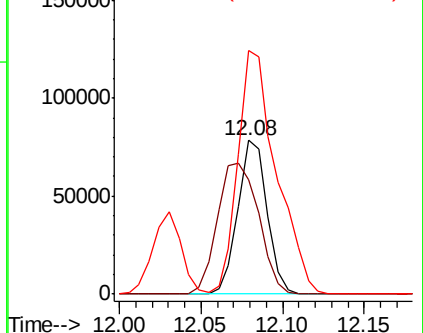
150 208.6 0.0 346.6

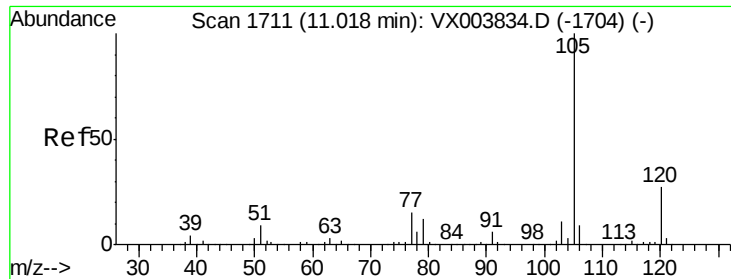


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 142.774 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

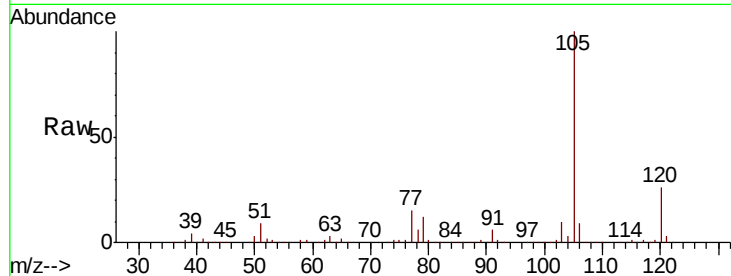
VSTDIC150

Tgt Ion: 105 Resp: 936035

Ion Ratio Lower Upper

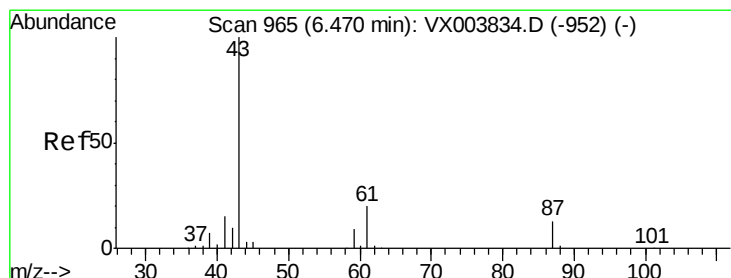
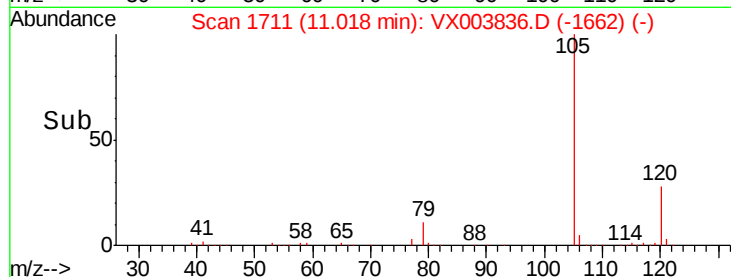
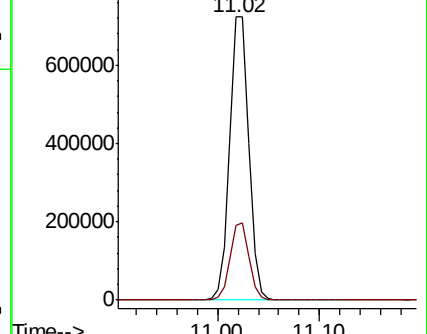
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 124.551 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Tgt Ion: 43 Resp: 428051

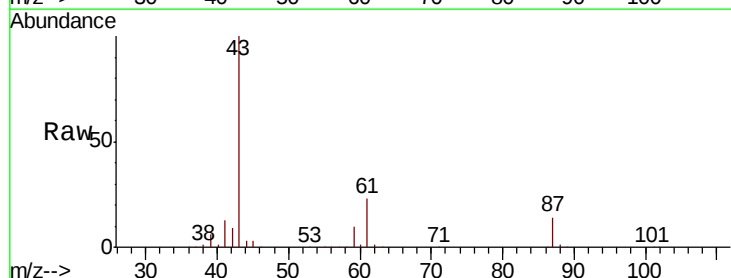
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.1 16.7 25.1

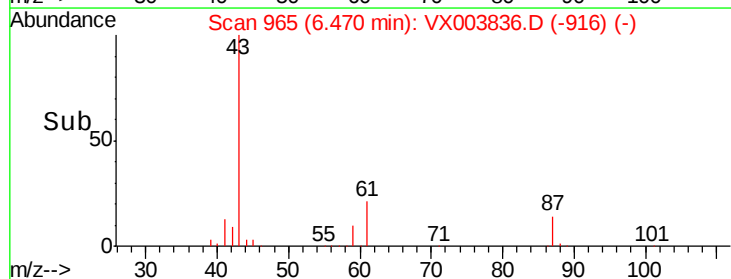
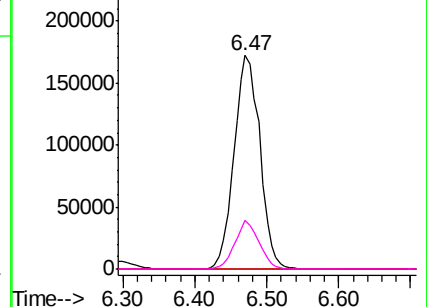


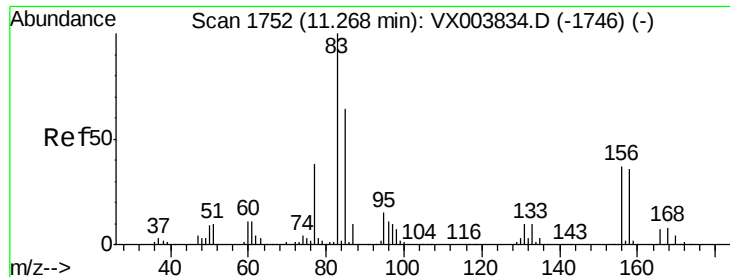
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 130.560 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

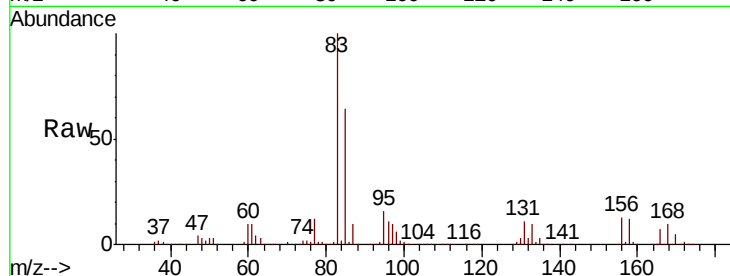
Tgt Ion: 83 Resp: 320553

Ion Ratio Lower Upper

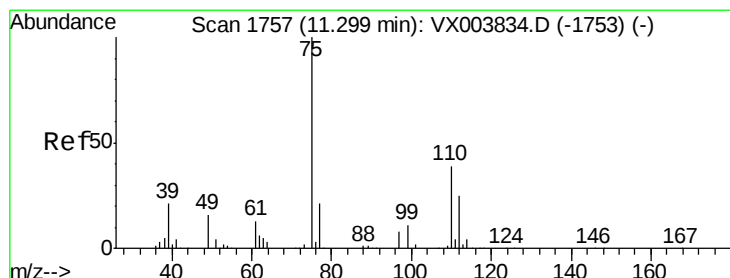
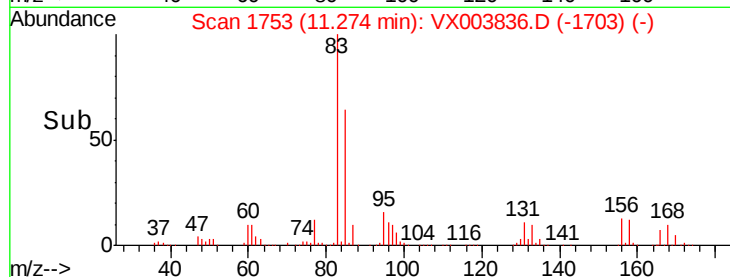
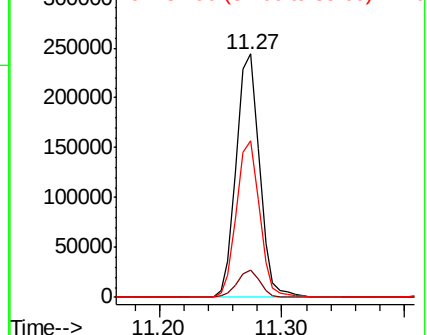
83 100

131 10.8 5.3 15.9

85 64.2 32.1 96.3



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: 184.633 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003836.D

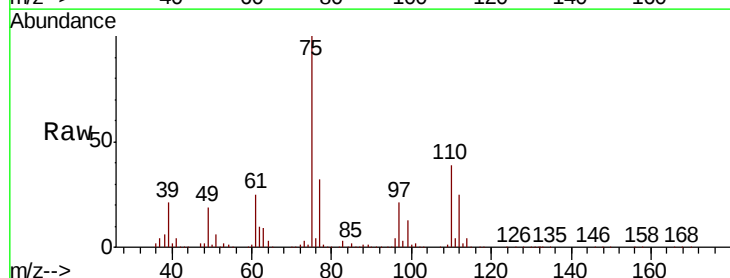
Acq: 02 Aug 2018 21:09

Tgt Ion: 75 Resp: 378271

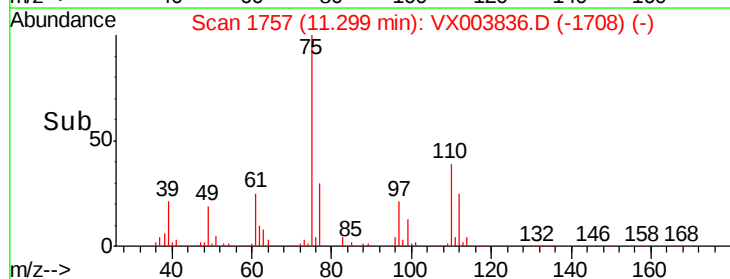
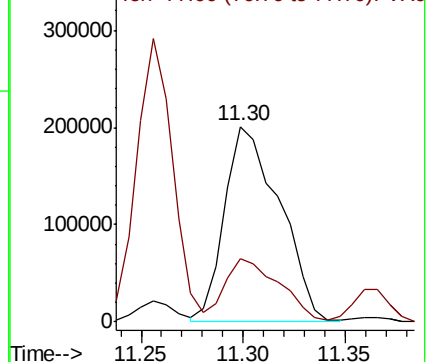
Ion Ratio Lower Upper

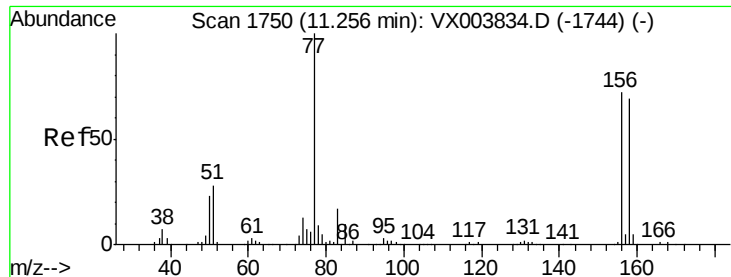
75 100

77 31.9 21.1 63.3



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





#77

Bromobenzene

Concen: 142.951 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

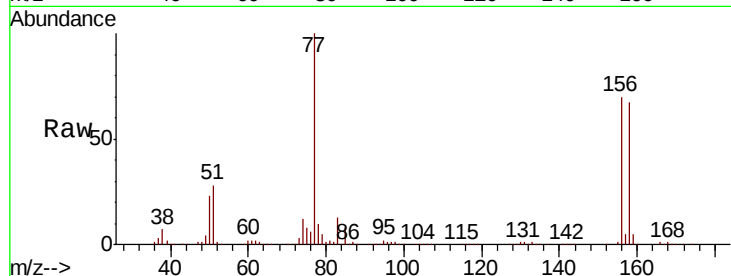
Tgt Ion:156 Resp: 260403

Ion Ratio Lower Upper

156 100

77 138.3 69.0 206.9

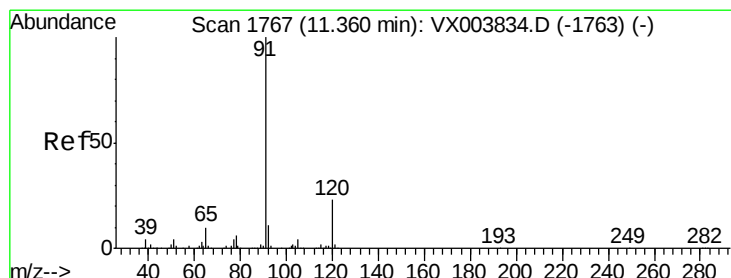
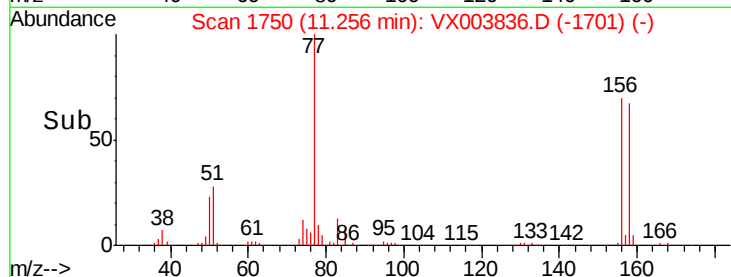
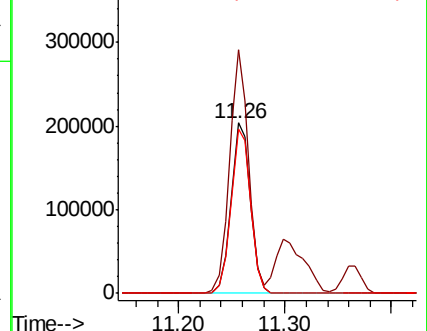
158 97.1 48.1 144.4



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: 143.821 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003836.D

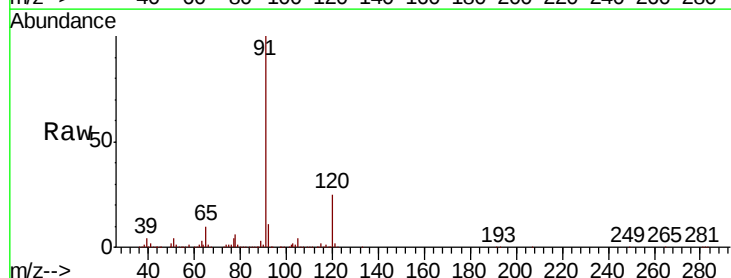
Acq: 02 Aug 2018 21:09

Tgt Ion: 91 Resp: 1084687

Ion Ratio Lower Upper

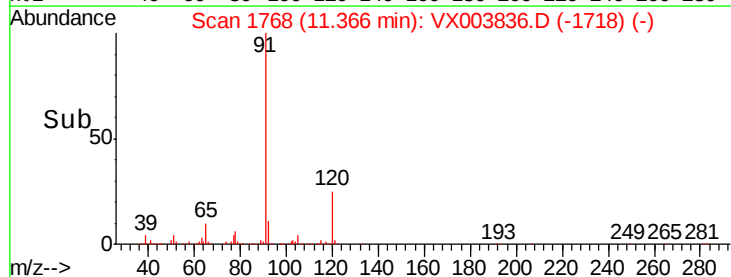
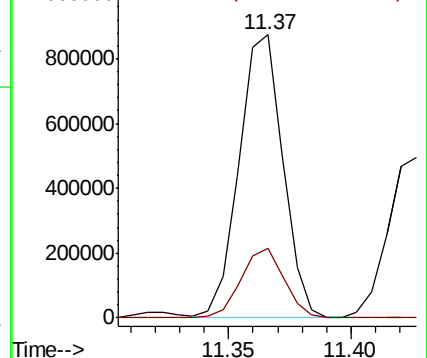
91 100

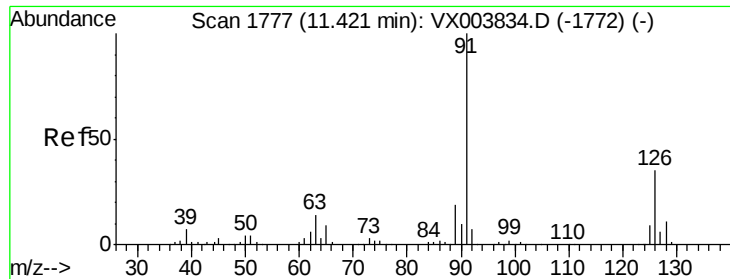
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

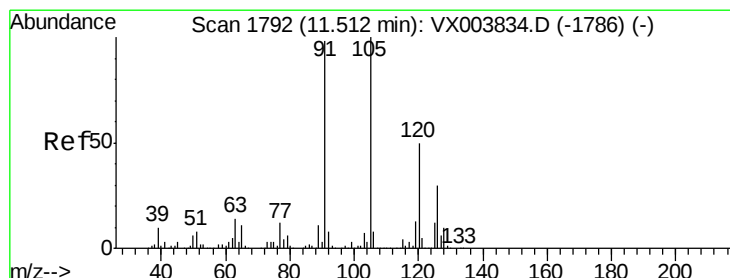
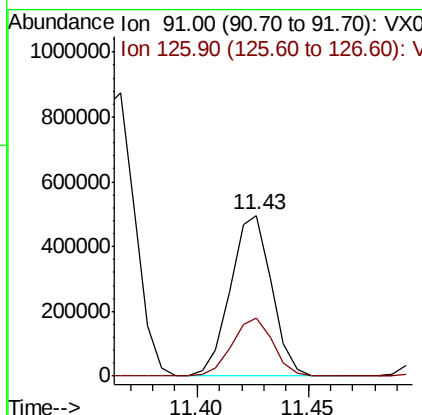
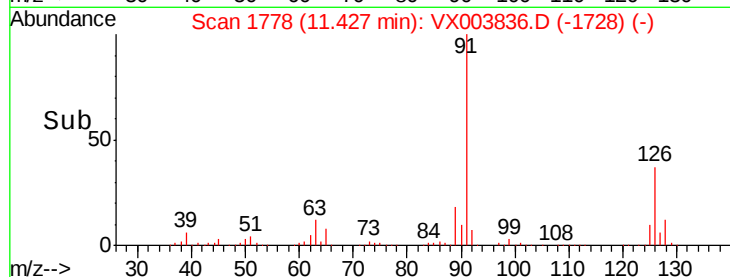
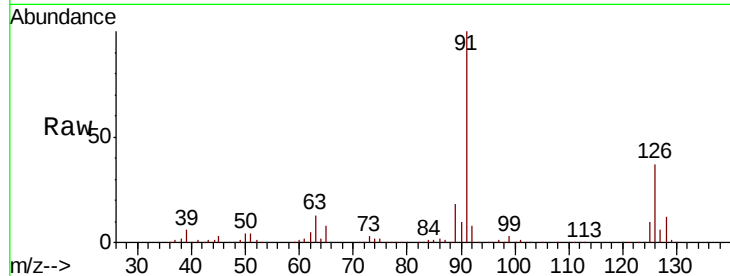




#79
 2-Chlorotoluene
 Concen: 137.094 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

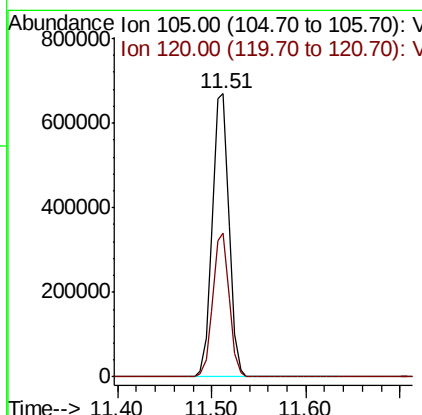
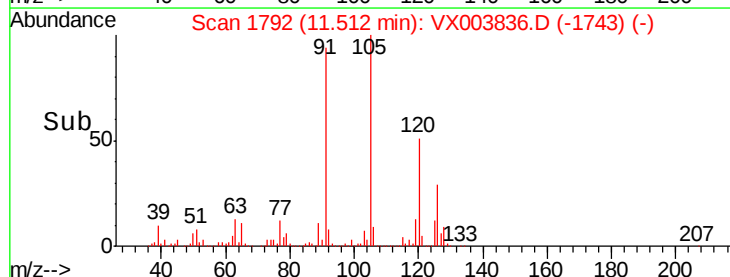
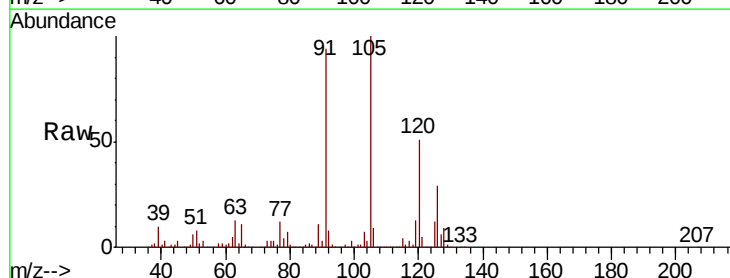
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

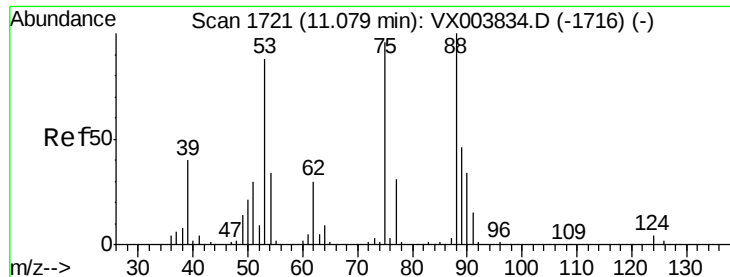
Tgt Ion: 91 Resp: 635597
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 147.388 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion: 105 Resp: 820892
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 156.201 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

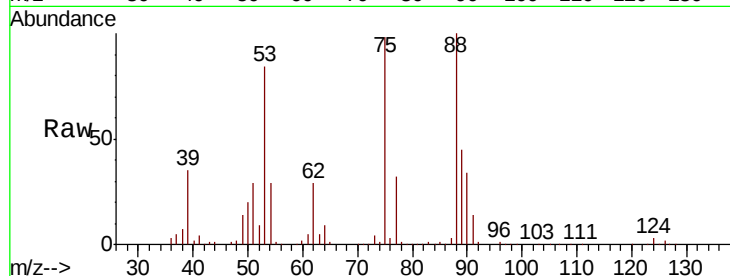
Tgt Ion: 75 Resp: 102740

Ion Ratio Lower Upper

75 100

53 86.6 74.9 112.3

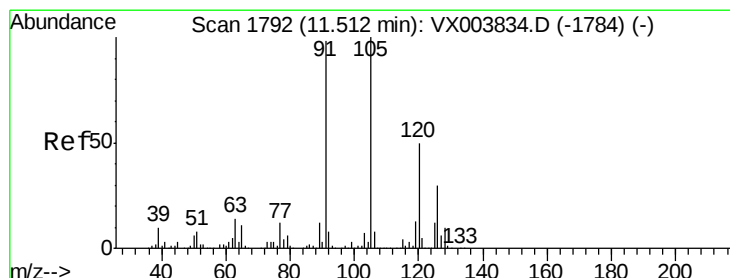
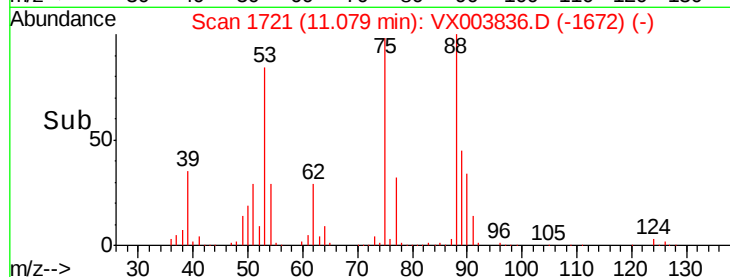
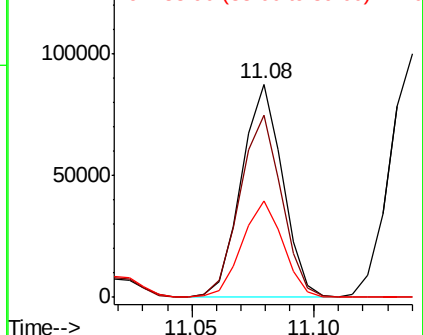
89 45.2 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 140.284 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003836.D

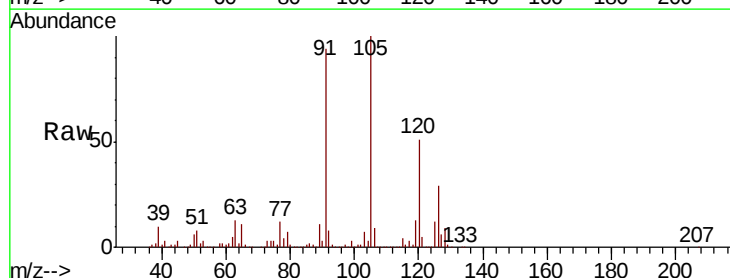
Acq: 02 Aug 2018 21:09

Tgt Ion: 91 Resp: 765617

Ion Ratio Lower Upper

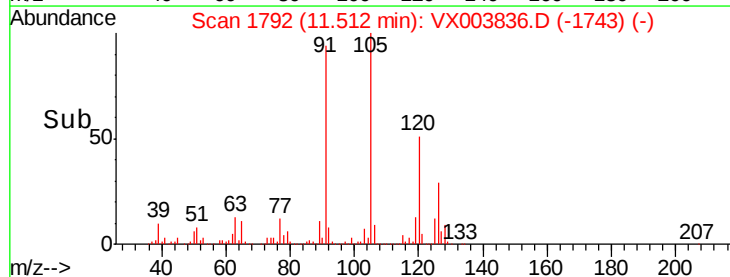
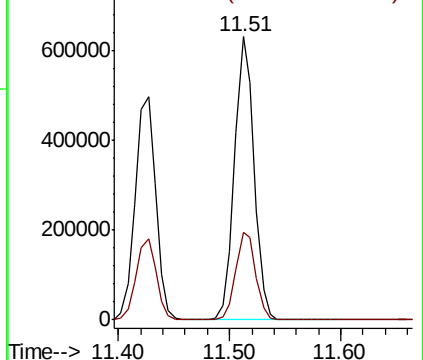
91 100

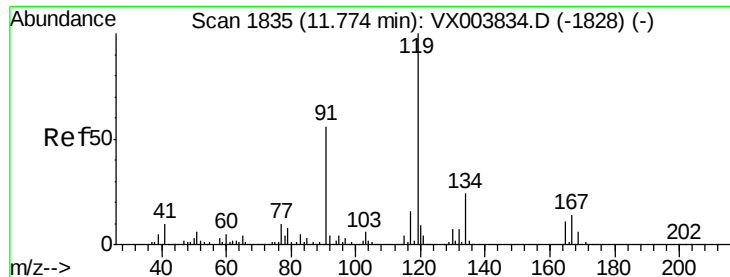
126 31.6 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

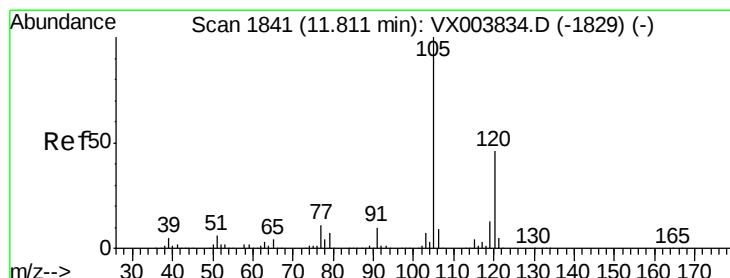
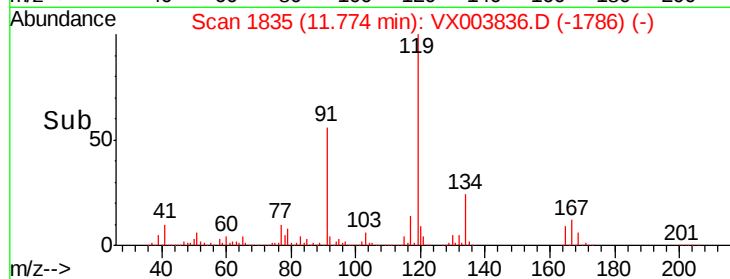
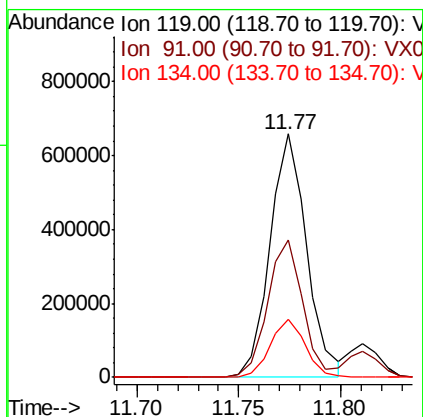
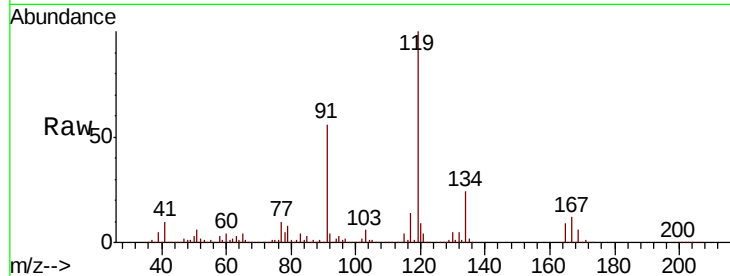




#83
 tert-Butylbenzene
 Concen: 151.539 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

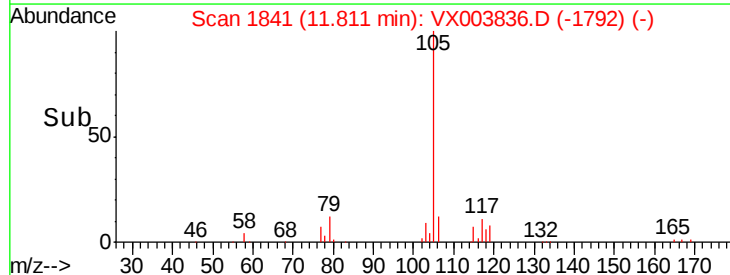
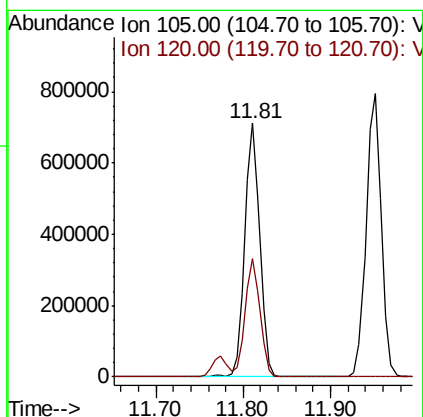
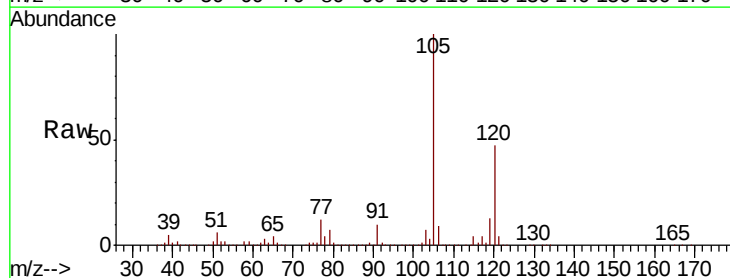
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

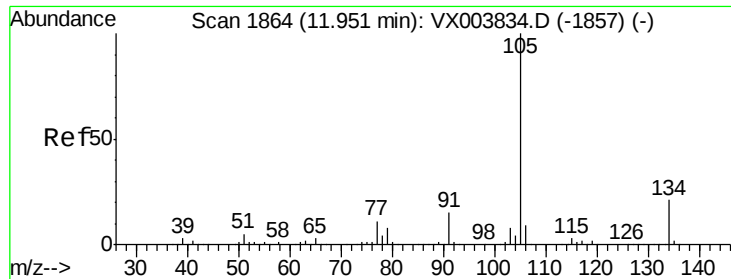
Tgt Ion:119 Resp: 825716
 Ion Ratio Lower Upper
 119 100
 91 53.5 26.6 79.7
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 147.707 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion:105 Resp: 848248
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5

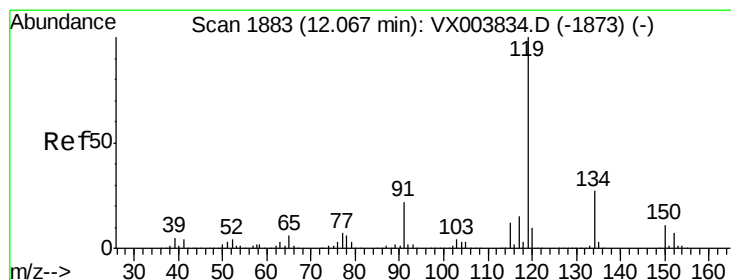
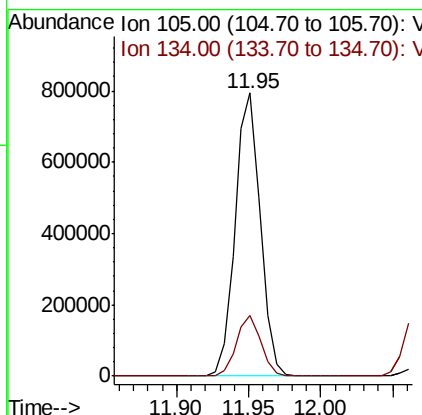
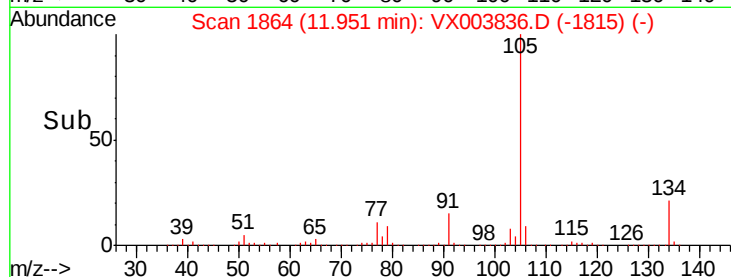
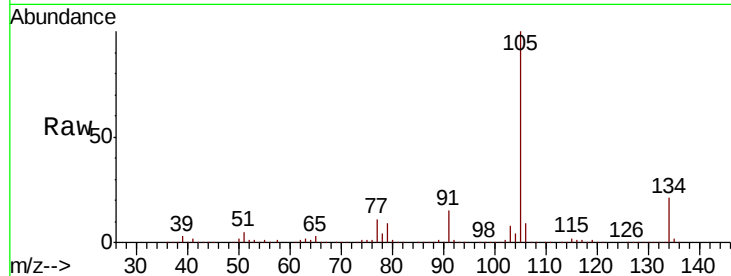




#85
 sec-Butylbenzene
 Concen: 150.231 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

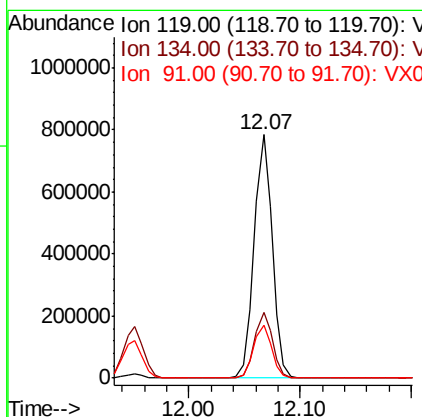
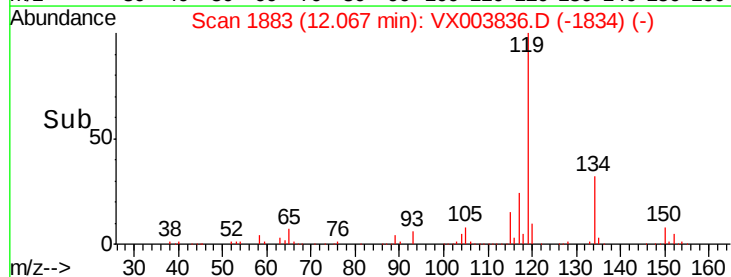
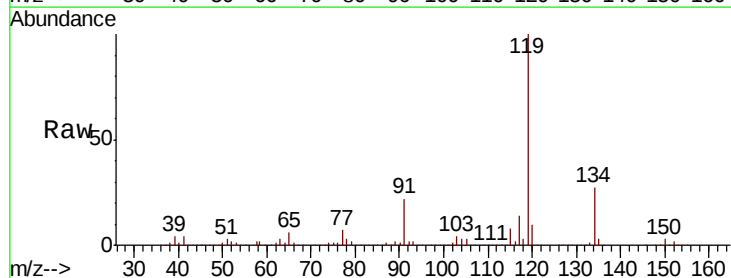
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

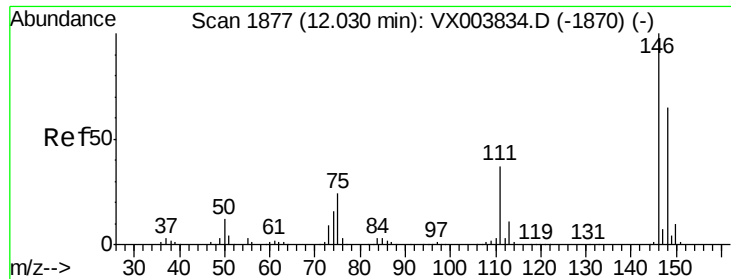
Tgt Ion:105 Resp: 964981
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 153.841 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion:119 Resp: 891467
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 21.9 11.1 33.1

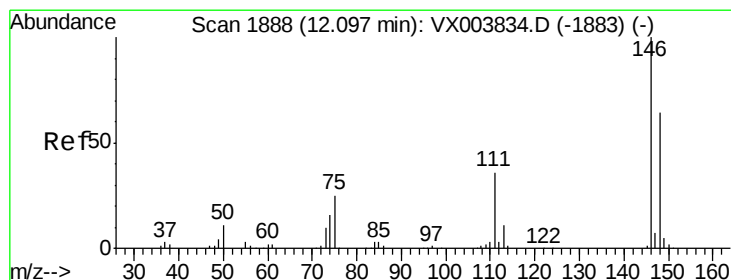
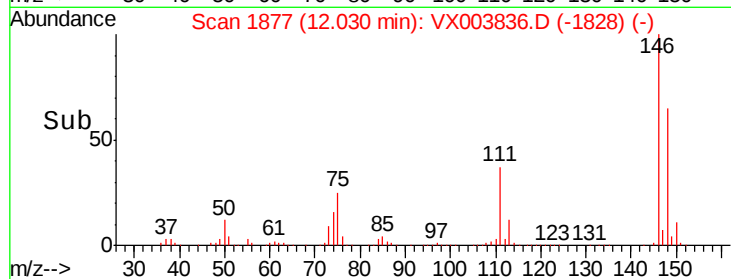
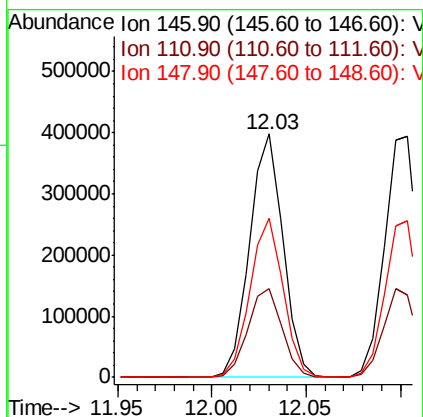
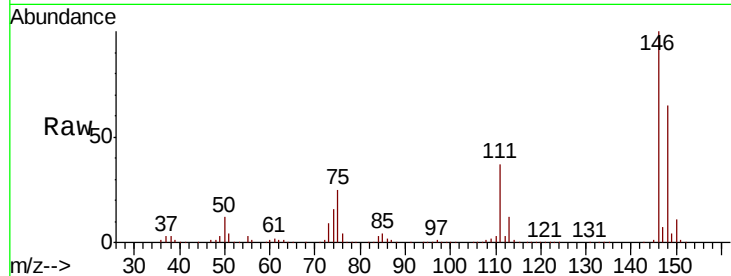




#87
 1,3-Dichlorobenzene
 Concen: 145.059 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

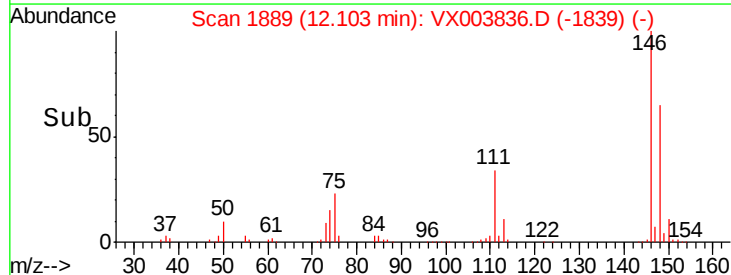
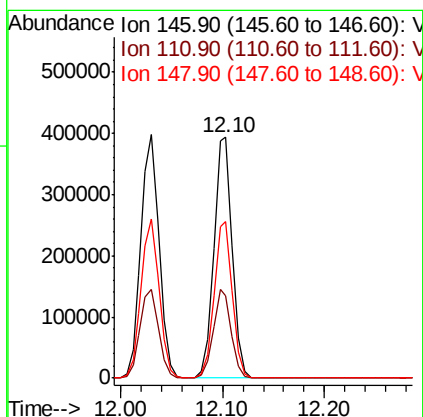
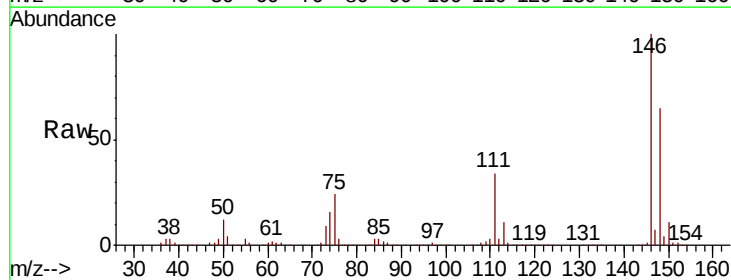
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

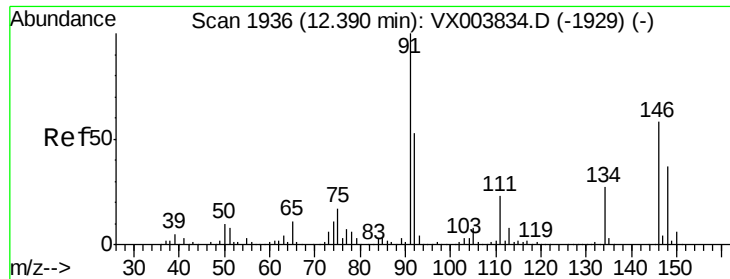
Tgt Ion:146 Resp: 489364
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.4
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 142.236 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion:146 Resp: 499232
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.3
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 152.539 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

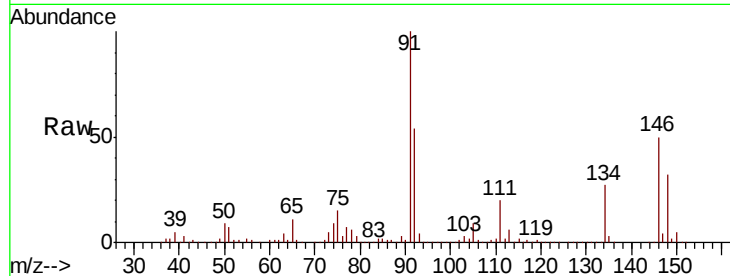
Tgt Ion: 91 Resp: 790222

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

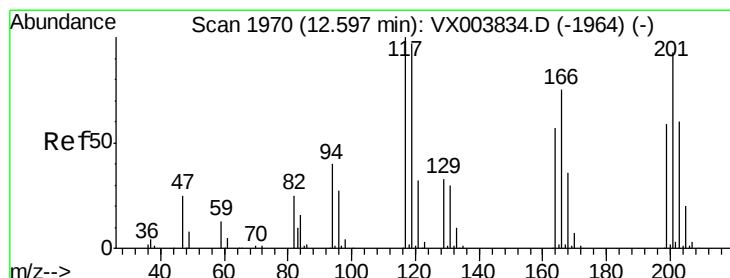
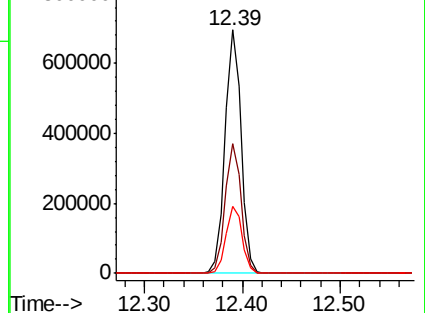
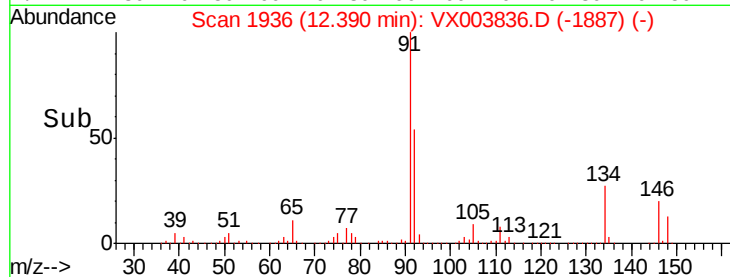
134 27.7 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 167.034 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003836.D

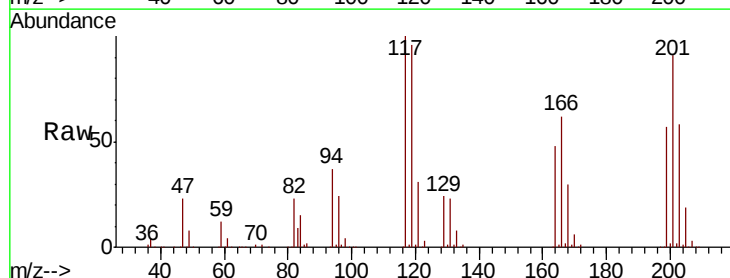
Acq: 02 Aug 2018 21:09

Tgt Ion: 117 Resp: 148974

Ion Ratio Lower Upper

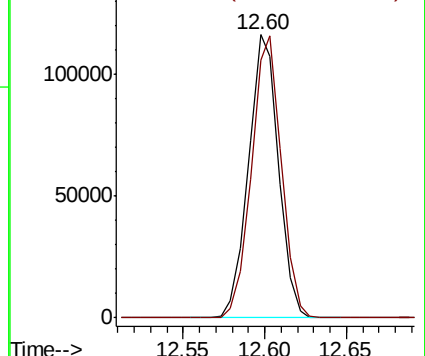
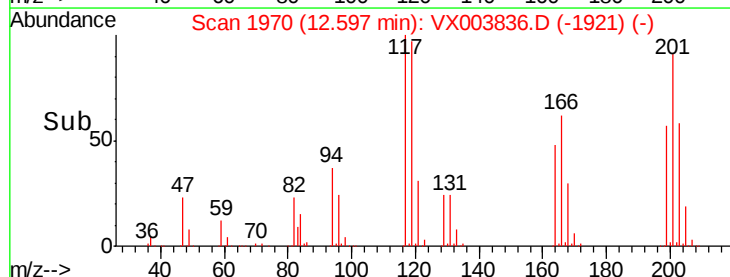
117 100

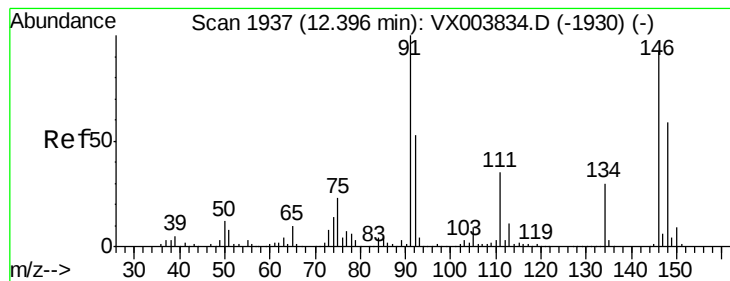
201 98.9 49.9 149.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 145.795 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

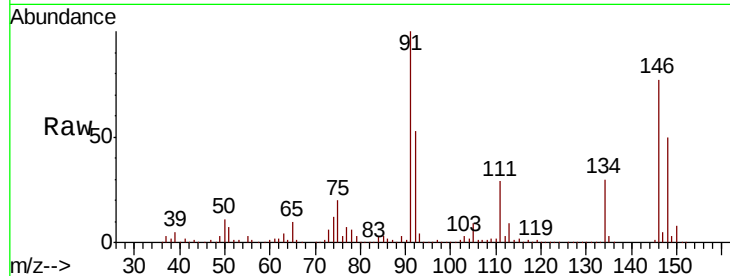
Tgt Ion:146 Resp: 503870

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

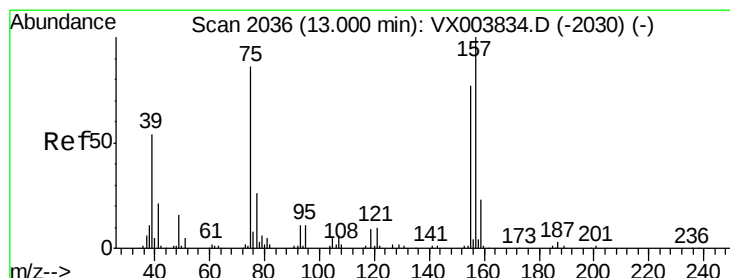
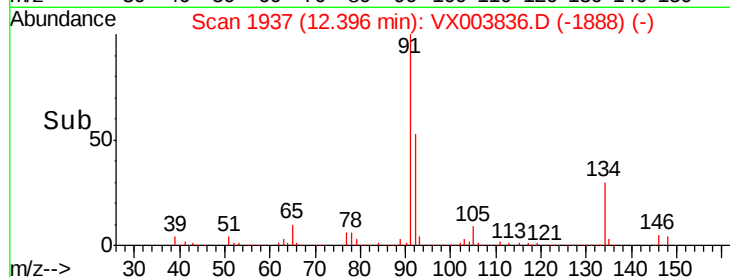
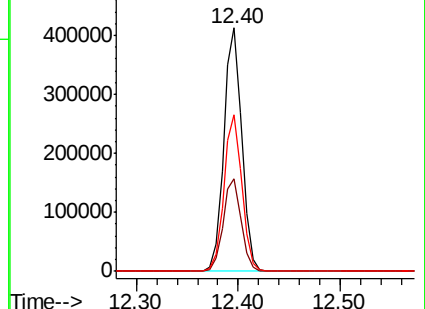
148 64.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 145.852 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003836.D

Acq: 02 Aug 2018 21:09

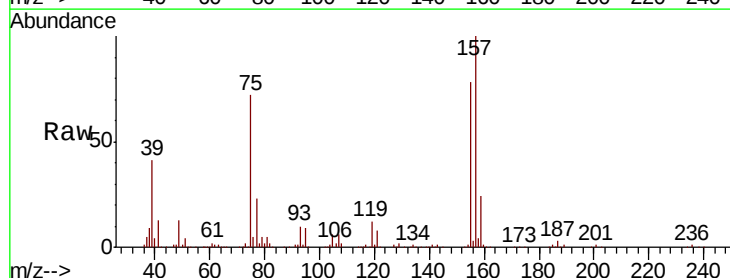
Tgt Ion: 75 Resp: 74959

Ion Ratio Lower Upper

75 100

155 101.3 49.5 148.3

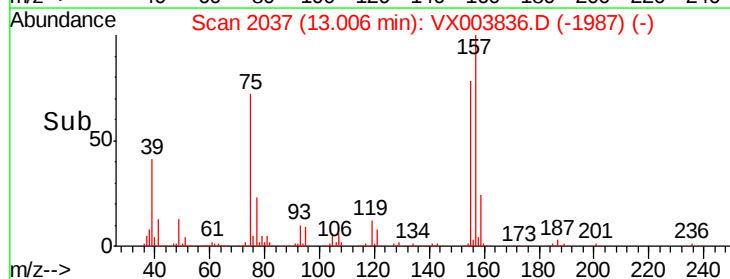
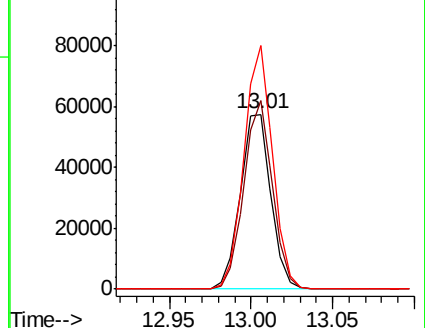
157 130.6 64.5 193.5

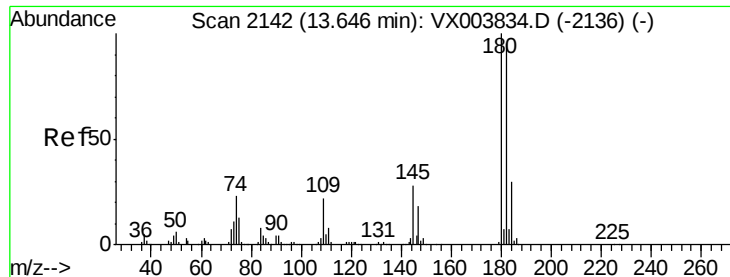


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

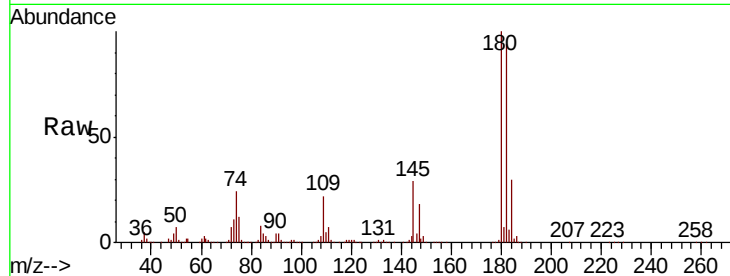




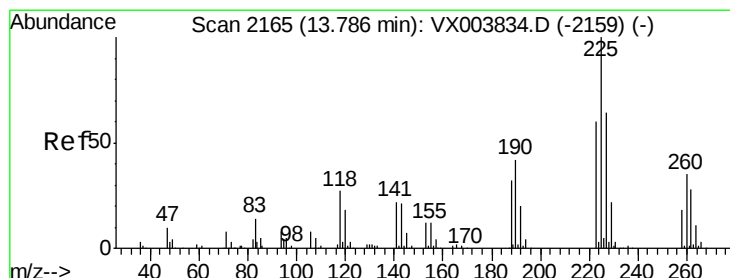
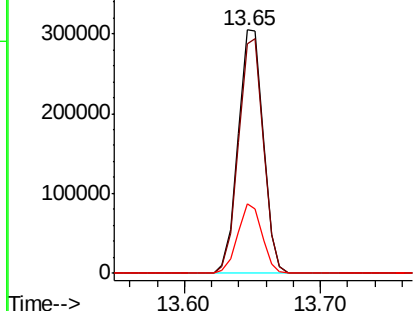
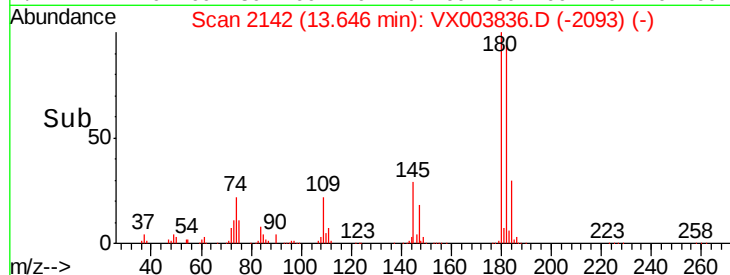
#93
 1,2,4-Trichlorobenzene
 Concen: 158.593 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 390967
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.9
 145 27.6 13.8 41.3

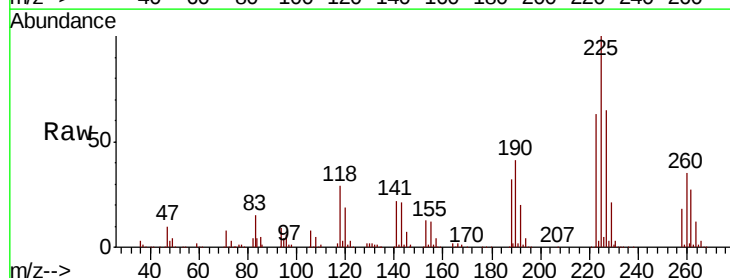


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

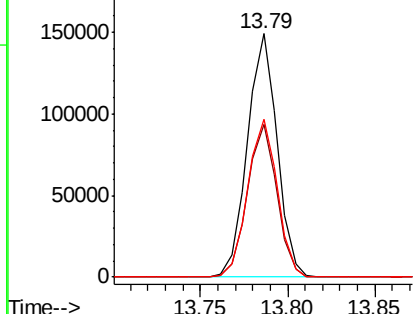
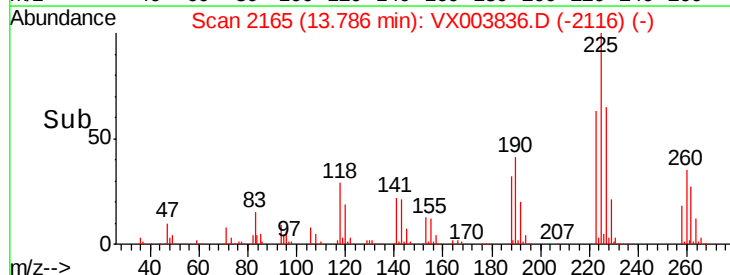


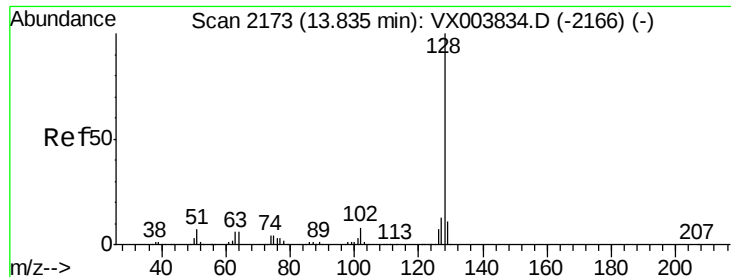
#94
 Hexachlorobutadiene
 Concen: 157.671 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003836.D
 Acq: 02 Aug 2018 21:09

Tgt Ion:225 Resp: 175408
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.4 91.3
 227 64.7 32.2 96.6



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

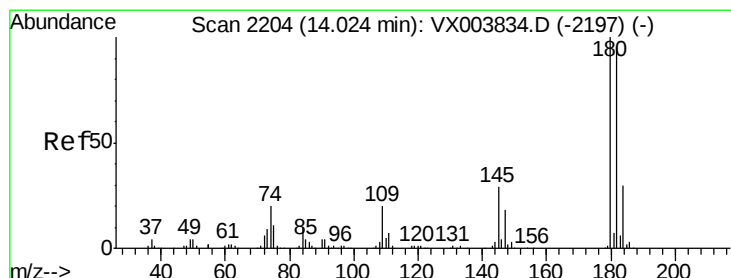
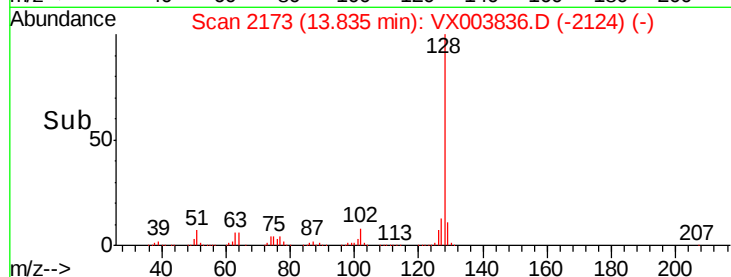
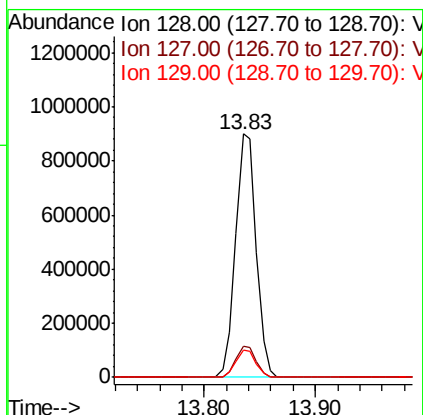
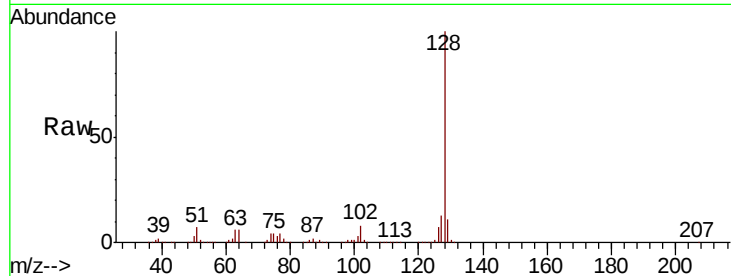




#95
Naphthalene
Concen: 153.785 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1146320
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 155.242 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003836.D
Acq: 02 Aug 2018 21:09

Tgt Ion:180 Resp: 389429
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.4
145 29.4 14.6 44.0

