

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072418\
 Data File : VX003643.D
 Acq On : 24 Jul 2018 16:41
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 27 01:41:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	116406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	162674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	9201	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
35) Dibromofluoromethane	5.50	113	7146	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	8.72	98	26700	5.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.02%	
62) 4-Bromofluorobenzene	11.14	95	8888	4.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	7333	5.531	ug/l 89
3) Chloromethane	1.32	50	8527	4.883	ug/l 98
4) Vinyl Chloride	1.40	62	8944	5.007	ug/l 99
5) Bromomethane	1.64	94	3914	4.538	ug/l 97
6) Chloroethane	1.72	64	5762	5.284	ug/l 99
7) Trichlorofluoromethane	1.92	101	11528	5.014	ug/l 98
8) Diethyl Ether	2.19	74	5064	5.026	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7389	5.222	ug/l 96
10) Methyl Iodide	2.51	142	6517	3.716	ug/l 99
11) Tert butyl alcohol	3.09	59	10409	25.254	ug/l 98
12) 1,1-Dichloroethene	2.37	96	6752	5.015	ug/l 95
13) Acrolein	2.29	56	2930	15.263	ug/l 92
14) Allyl chloride	2.72	41	13778	4.909	ug/l 99
15) Acrylonitrile	3.15	53	24992	25.095	ug/l 98
16) Acetone	2.45	43	19770	24.405	ug/l 97
17) Carbon Disulfide	2.56	76	17855	4.610	ug/l 99
18) Methyl Acetate	2.78	43	11832	4.836	ug/l 99
19) Methyl tert-butyl Ether	3.21	73	23282	4.896	ug/l 96
20) Methylene Chloride	2.86	84	8064	5.024	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	7168	4.951	ug/l 93
22) Diisopropyl ether	3.88	45	26175	5.108	ug/l 93
23) Vinyl Acetate	3.82	43	111913	25.493	ug/l 100
24) 1,1-Dichloroethane	3.70	63	14524	5.029	ug/l 99
25) 2-Butanone	4.71	43	31041	24.804	ug/l 92
26) 2,2-Dichloropropane	4.57	77	8849	4.846	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	7793	4.958	ug/l 31
28) Bromochloromethane	5.02	49	6439	5.555	ug/l # 100
29) Tetrahydrofuran	5.17	42	19345	23.747	ug/l 99
30) Chloroform	5.21	83	13187	5.034	ug/l 89
31) Cyclohexane	5.57	56	10795	4.656	ug/l 94
32) 1,1,1-Trichloroethane	5.50	97	10510	4.831	ug/l 98
36) 1,1-Dichloropropene	5.79	75	9822	4.924	ug/l 97
37) Ethyl Acetate	4.87	43	12163	5.071	ug/l 99
38) Carbon Tetrachloride	5.79	117	9084	4.725	ug/l 89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072418\
 Data File : VX003643.D
 Acq On : 24 Jul 2018 16:41
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 27 01:41:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	10161	4.628	ug/l	97
40) Benzene	6.15	78	29042	4.920	ug/l	93
41) Methacrylonitrile	5.07	41	6300	4.743	ug/l	96
42) 1,2-Dichloroethane	6.20	62	10749	5.173	ug/l	100
43) Isopropyl Acetate	6.47	43	16906	4.831	ug/l	99
44) Trichloroethene	7.21	130	8038	5.079	ug/l	99
45) 1,2-Dichloropropane	7.52	63	7675	5.030	ug/l	99
46) Dibromomethane	7.67	93	4803	4.900	ug/l	98
47) Bromodichloromethane	7.90	83	8771	4.772	ug/l	99
48) Methyl methacrylate	7.78	41	8198	4.617	ug/l	98
49) 1,4-Dioxane	7.76	88	3682	92.943	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	55114	23.343	ug/l	99
52) Toluene	8.79	92	17752	4.838	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	8811	3.994	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	10031	4.852	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	7563	5.042	ug/l	98
56) Ethyl methacrylate	9.18	69	10053	4.504	ug/l	97
57) 1,3-Dichloropropane	9.37	76	12425	4.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	26433	23.566	ug/l	99
59) 2-Hexanone	9.50	43	41973	23.175	ug/l	97
60) Dibromochloromethane	9.59	129	6420	4.513	ug/l	98
61) 1,2-Dibromoethane	9.68	107	7586	4.857	ug/l	100
64) Tetrachloroethene	9.34	164	7160	4.814	ug/l	95
65) Chlorobenzene	10.14	112	20076	4.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	6585	4.627	ug/l	98
67) Ethyl Benzene	10.26	91	32517	4.745	ug/l	98
68) m/p-Xylenes	10.36	106	24462	9.305	ug/l	99
69) o-Xylene	10.70	106	11761	4.647	ug/l	98
70) Styrene	10.71	104	19202	4.517	ug/l	99
71) Bromoform	10.86	173	4711	4.186	ug/l #	99
73) Isopropylbenzene	11.02	105	31352	4.918	ug/l	99
74) N-amyl acetate	6.47	43	16906	5.085	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	12209	5.187	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	12705	6.492	ug/l	83
77) Bromobenzene	11.26	156	8531	4.927	ug/l	97
78) n-propylbenzene	11.36	91	35084	4.767	ug/l	100
79) 2-Chlorotoluene	11.42	91	22275	4.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	25916	4.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	2652	4.199	ug/l #	85
82) 4-Chlorotoluene	11.51	91	25802	4.896	ug/l	98
83) tert-Butylbenzene	11.77	119	25423	4.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	26433	4.769	ug/l	99
85) sec-Butylbenzene	11.95	105	30626	4.862	ug/l	100
86) p-Isopropyltoluene	12.07	119	26469	4.682	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	16049	4.977	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	16881	5.036	ug/l	93
89) n-Butylbenzene	12.39	91	23295	4.572	ug/l	98
90) Hexachloroethane	12.60	117	3884	4.537	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	16005	4.858	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2298	4.690	ug/l	97

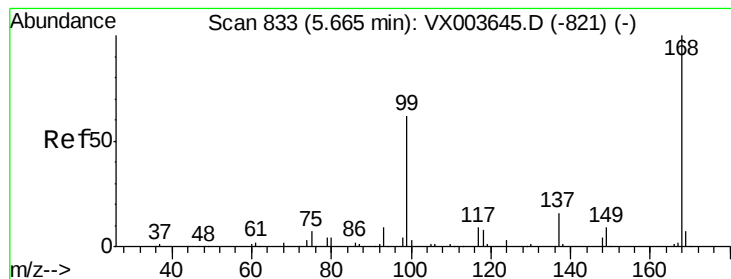
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
Data File : VX003643.D
Acq On : 24 Jul 2018 16:41
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 27 01:41:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 01:36:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	10809	4.598	ug/l	99
94) Hexachlorobutadiene	13.79	225	5196	4.778	ug/l	97
95) Naphthalene	13.83	128	32040	4.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	11328	4.744	ug/l	98

(#) = 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: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

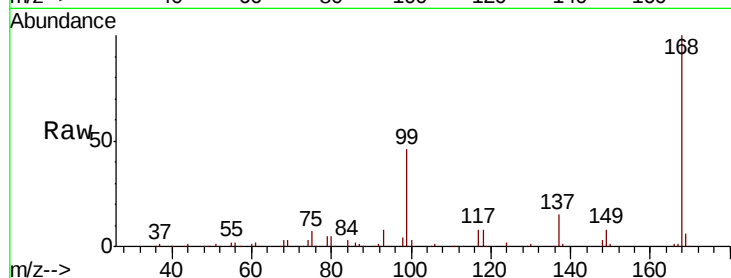
VSTDIC005

Tgt Ion: 168 Resp: 116406

Ion Ratio Lower Upper

168 100

99 46.3 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

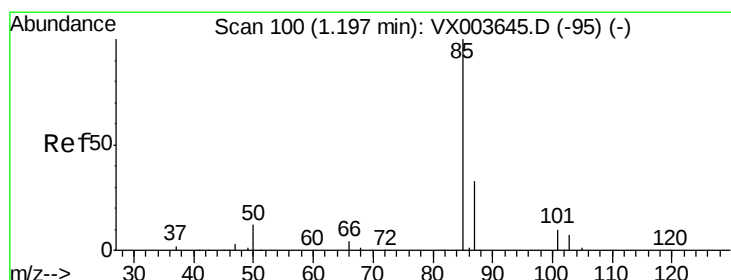
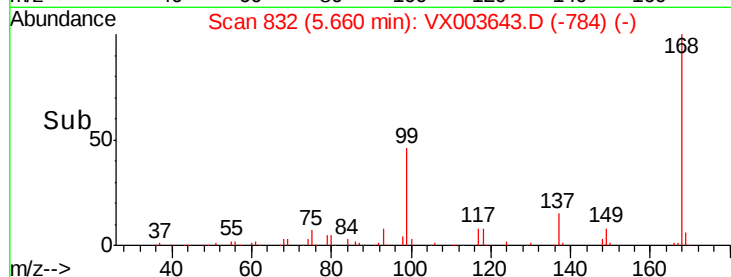
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.531 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003643.D

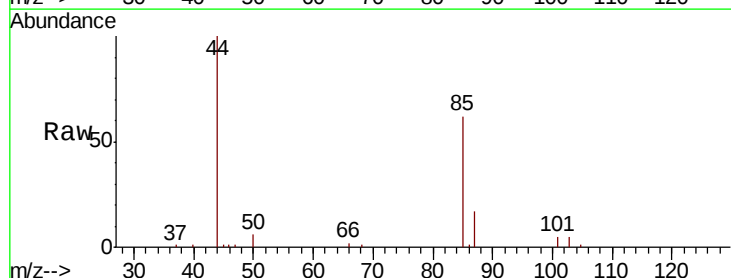
Acq: 24 Jul 2018 16:41

Tgt Ion: 85 Resp: 7333

Ion Ratio Lower Upper

85 100

87 26.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

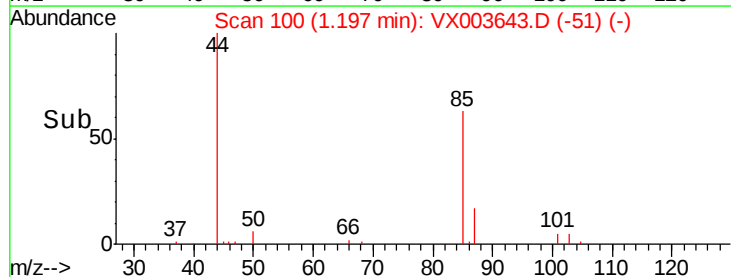
4000

2000

0

1.15 1.20 1.25

Time-->

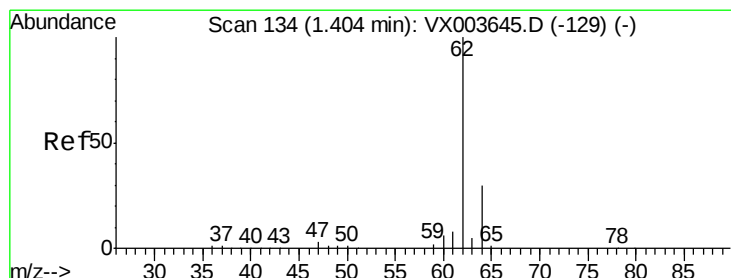
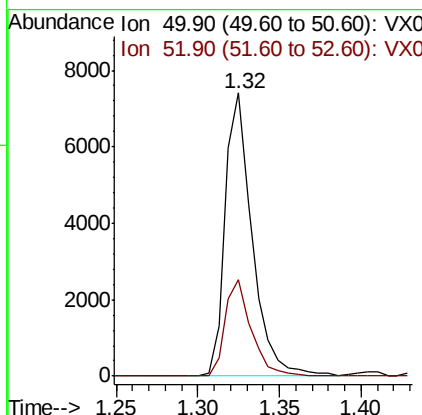
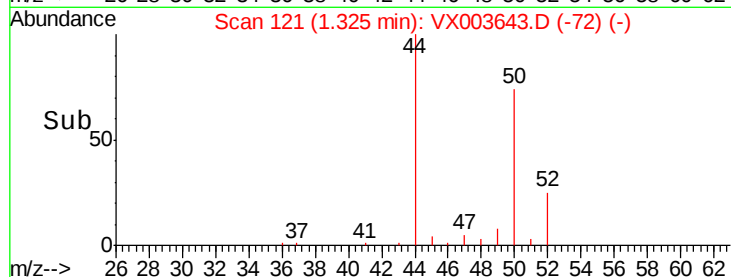
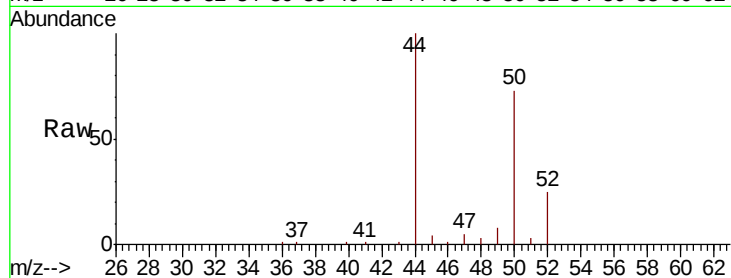




#3
 Chloromethane
 Concen: 4.883 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

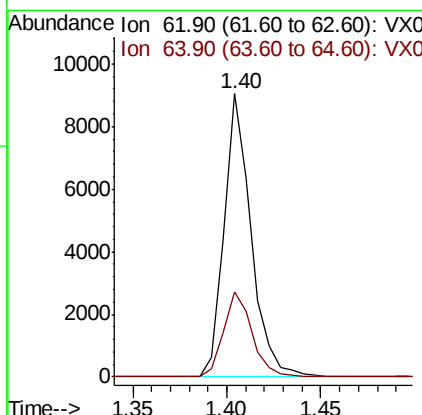
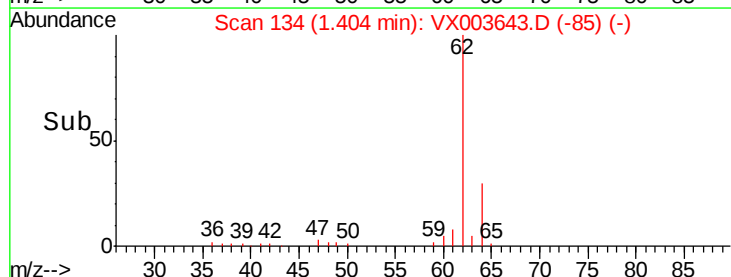
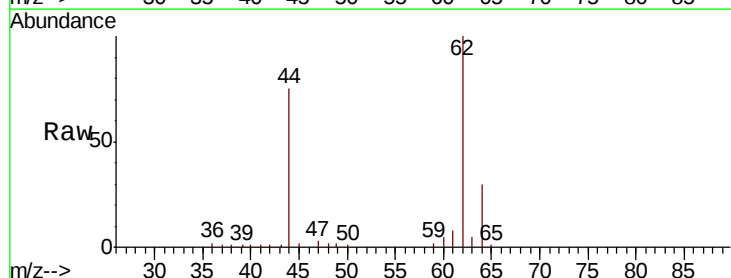
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

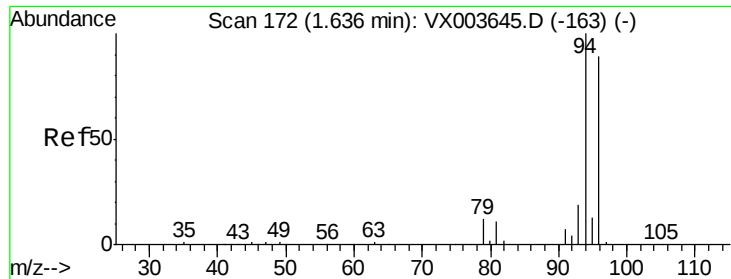
Tgt Ion: 50 Resp: 8527
 Ion Ratio Lower Upper
 50 100
 52 34.1 26.3 39.5



#4
 Vinyl Chloride
 Concen: 5.007 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 62 Resp: 8944
 Ion Ratio Lower Upper
 62 100
 64 30.2 24.4 36.6





#5

Bromomethane

Concen: 4.538 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

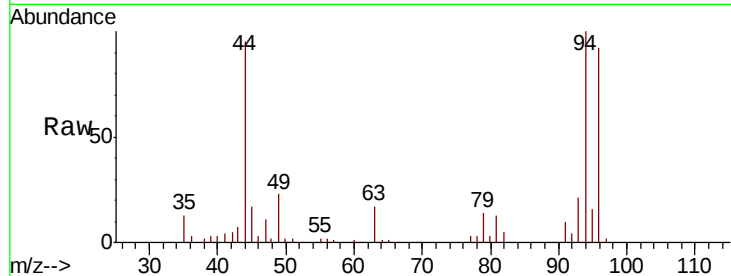
VSTDIC005

Tgt Ion: 94 Resp: 3914

Ion Ratio Lower Upper

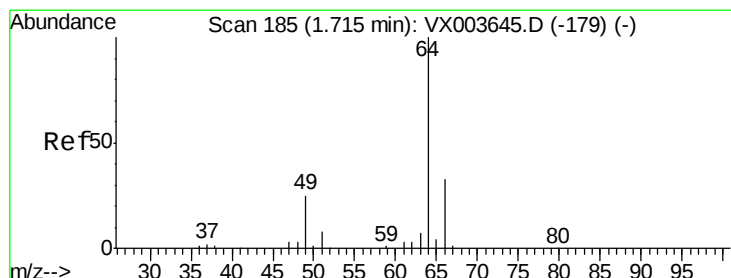
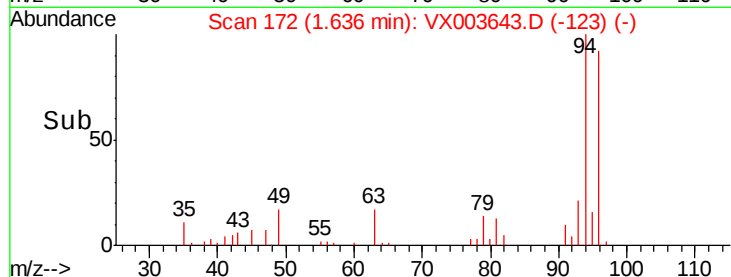
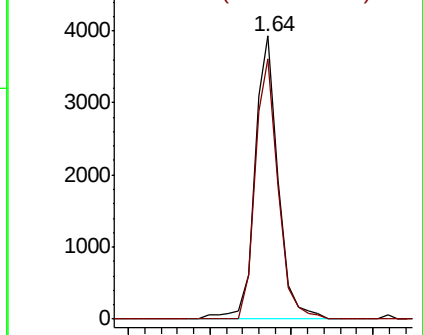
94 100

96 92.1 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.284 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003643.D

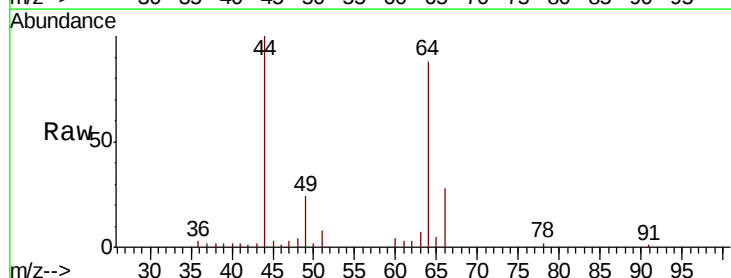
Acq: 24 Jul 2018 16:41

Tgt Ion: 64 Resp: 5762

Ion Ratio Lower Upper

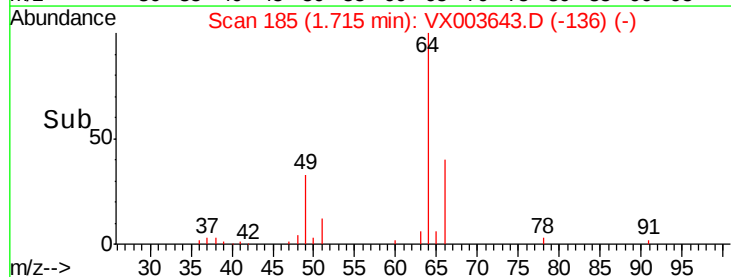
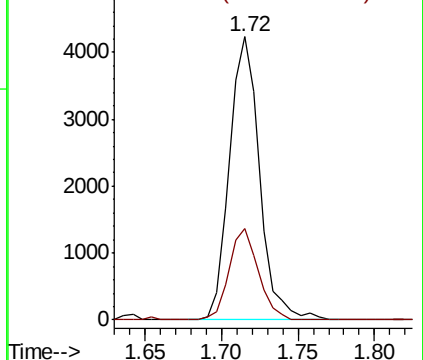
64 100

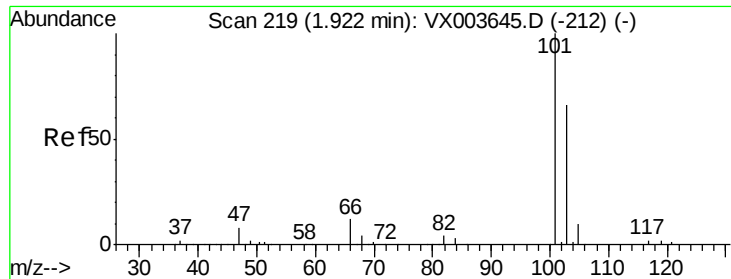
66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



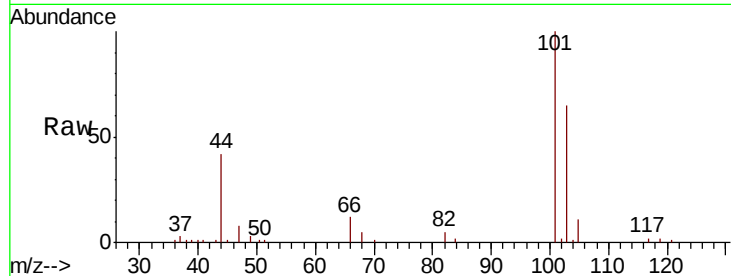


#7

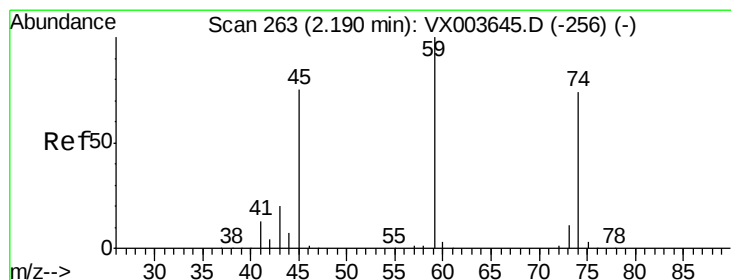
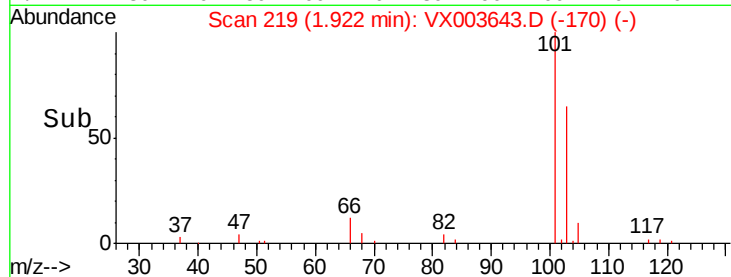
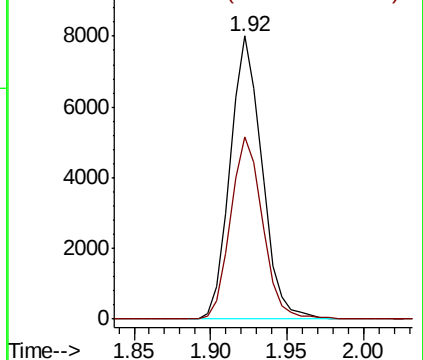
Trichlorofluoromethane
 Concen: 5.014 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 11528
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.2 79.8



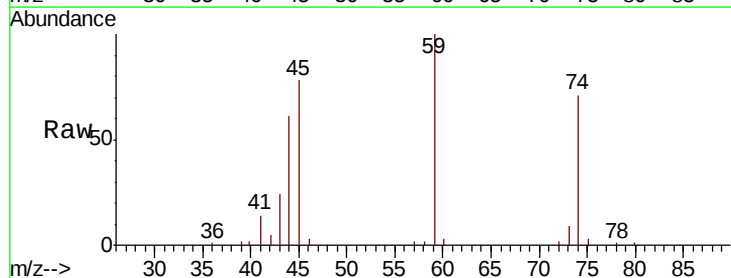
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



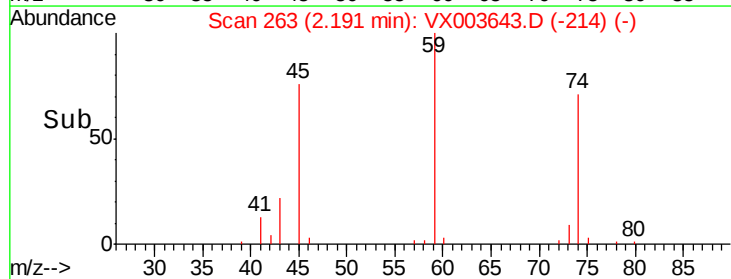
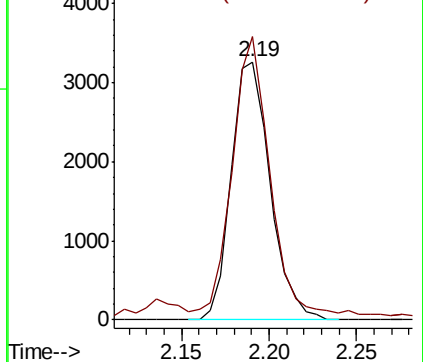
#8

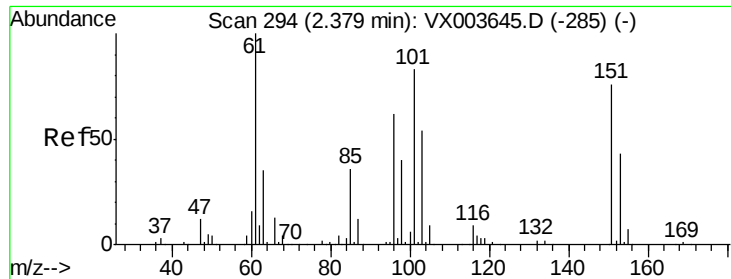
Diethyl Ether
 Concen: 5.026 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 74 Resp: 5064
 Ion Ratio Lower Upper
 74 100
 45 103.3 51.0 153.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.222 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

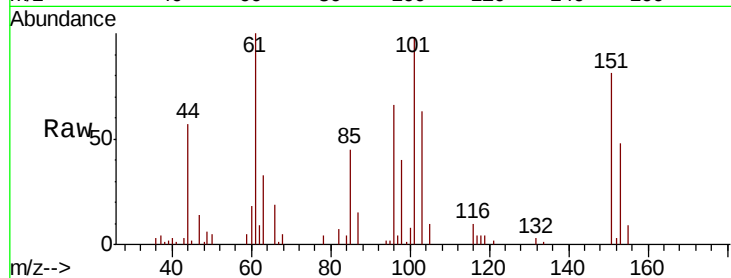
Tgt Ion:101 Resp: 7389

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

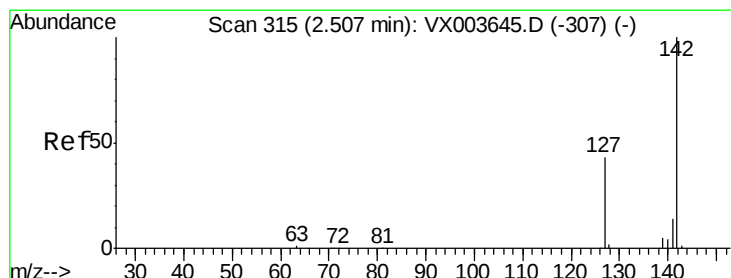
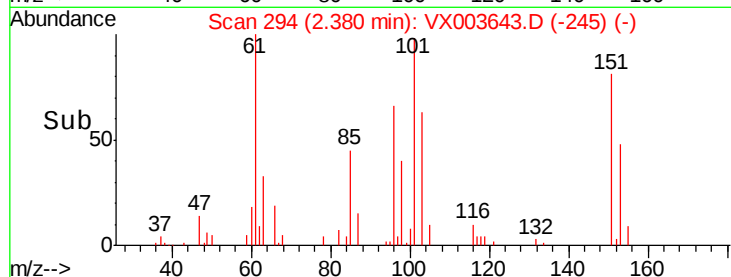
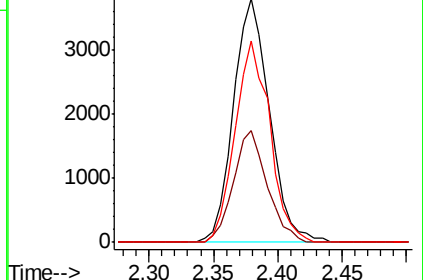
151 79.5 67.5 101.3



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: 3.716 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

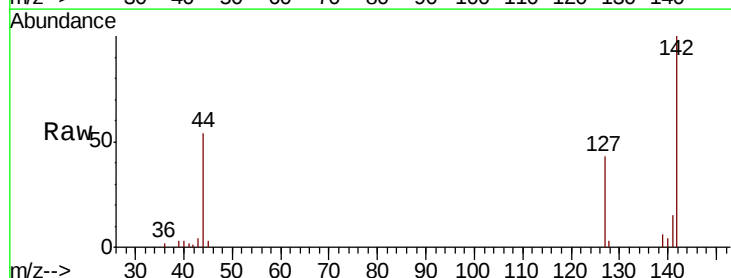
Tgt Ion:142 Resp: 6517

Ion Ratio Lower Upper

142 100

127 43.2 34.0 51.0

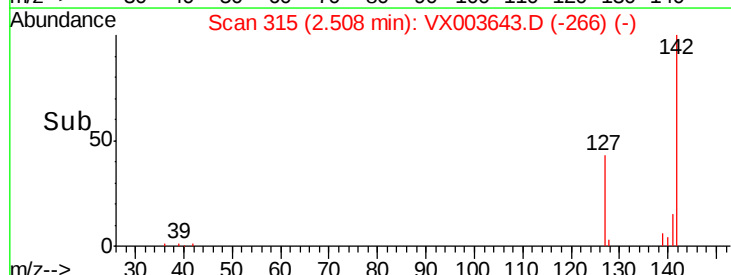
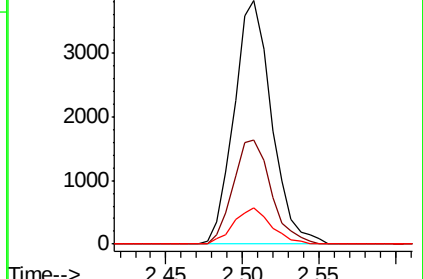
141 14.7 11.3 16.9

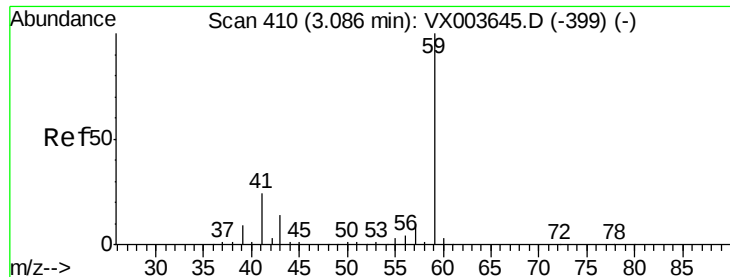


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



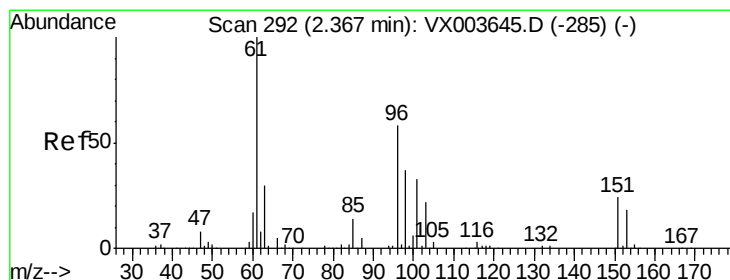
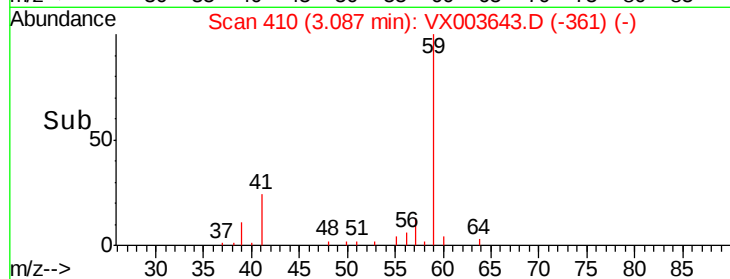
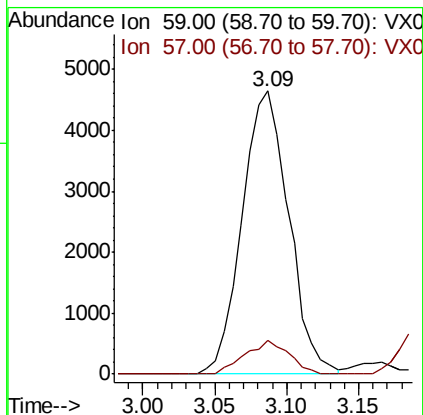
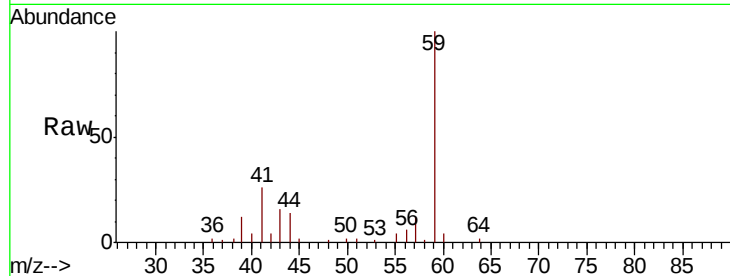


#11

Tert butyl alcohol
 Concen: 25.254 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

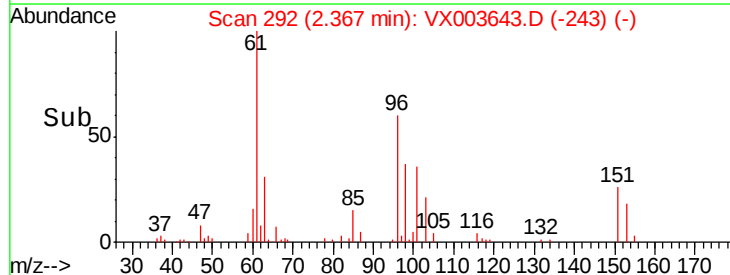
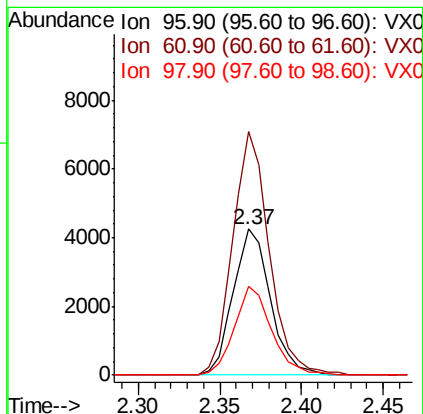
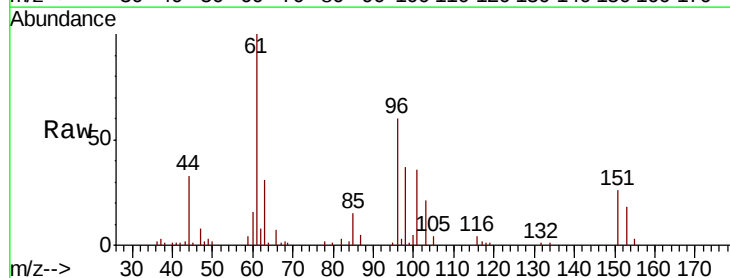
Tgt Ion: 59 Resp: 10409
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.4

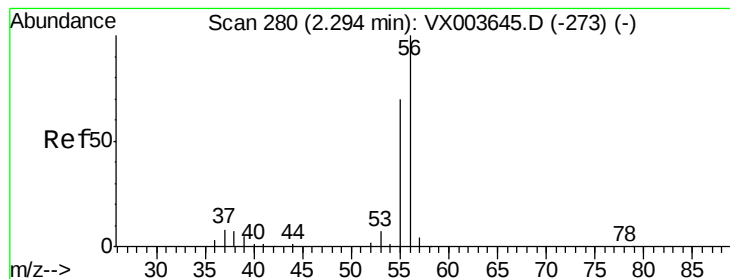


#12

1,1-Dichloroethene
 Concen: 5.015 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 96 Resp: 6752
 Ion Ratio Lower Upper
 96 100
 61 166.6 138.8 208.2
 98 61.1 51.4 77.2





#13

Acrolein

Concen: 15.263 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

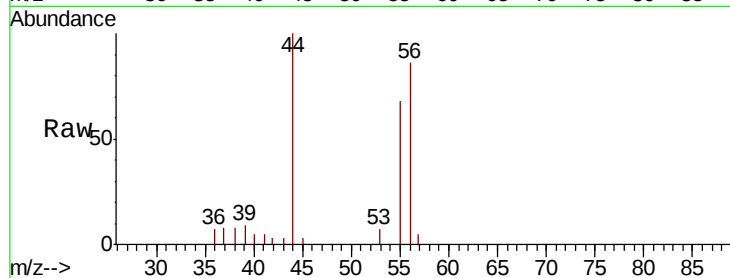
VSTDIC005

Tgt Ion: 56 Resp: 2930

Ion Ratio Lower Upper

56 100

55 75.8 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

1500

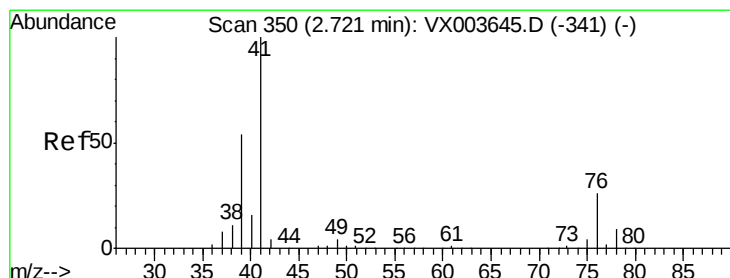
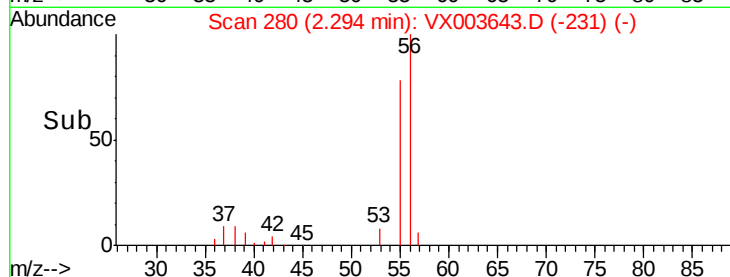
1000

500

0

2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 4.909 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

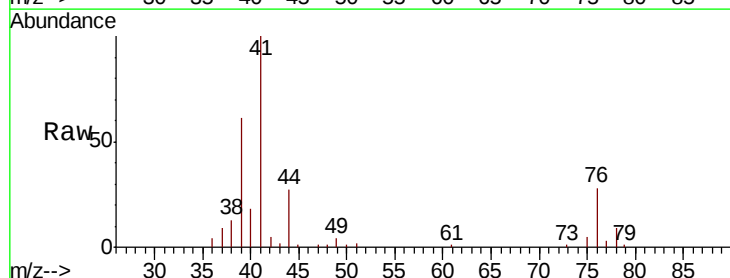
Tgt Ion: 41 Resp: 13778

Ion Ratio Lower Upper

41 100

39 57.9 45.3 67.9

76 29.2 23.8 35.6



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

10000

8000

6000

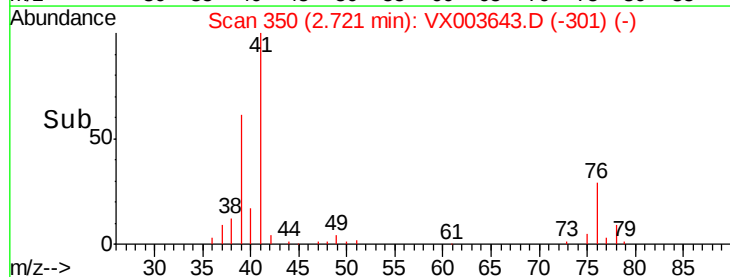
4000

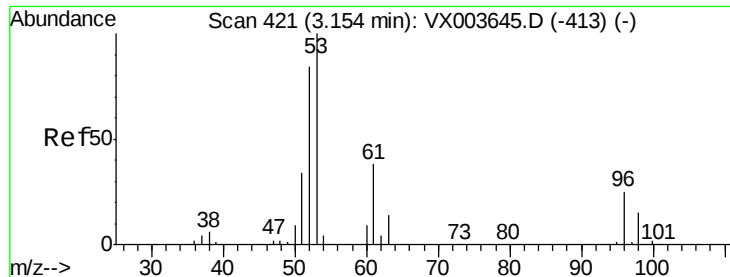
2000

0

2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 25.095 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

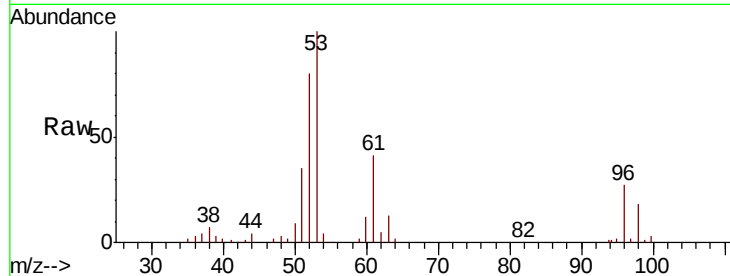
Tgt Ion: 53 Resp: 24992

Ion Ratio Lower Upper

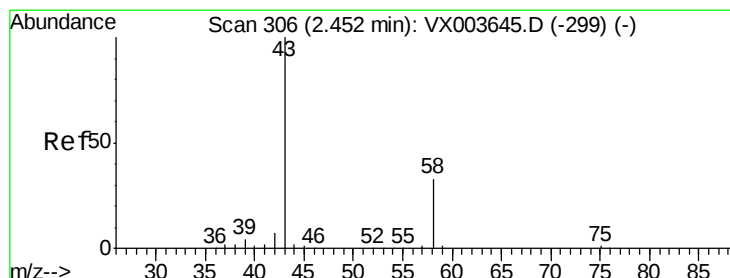
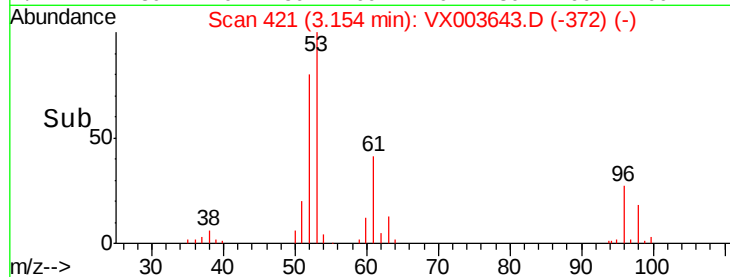
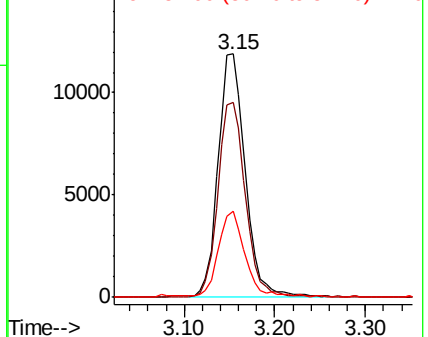
53 100

52 80.7 66.1 99.1

51 35.0 28.2 42.4



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: 24.405 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003643.D

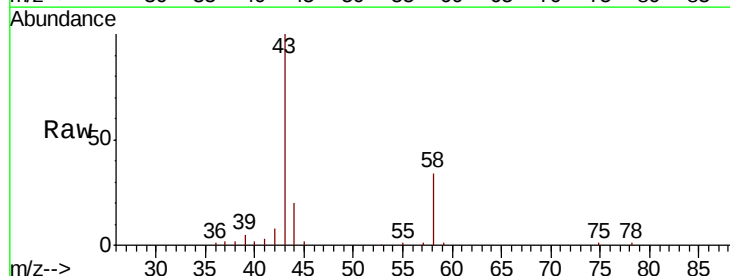
Acq: 24 Jul 2018 16:41

Tgt Ion: 43 Resp: 19770

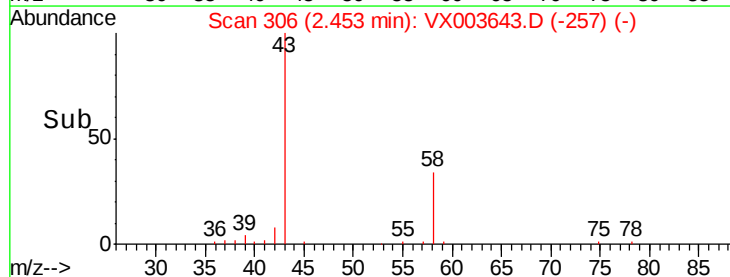
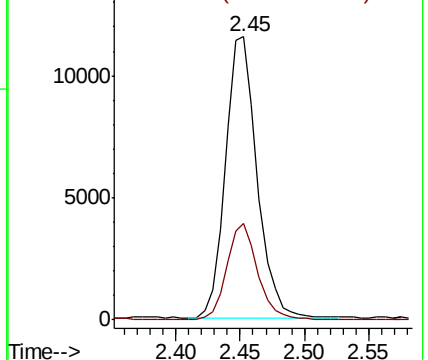
Ion Ratio Lower Upper

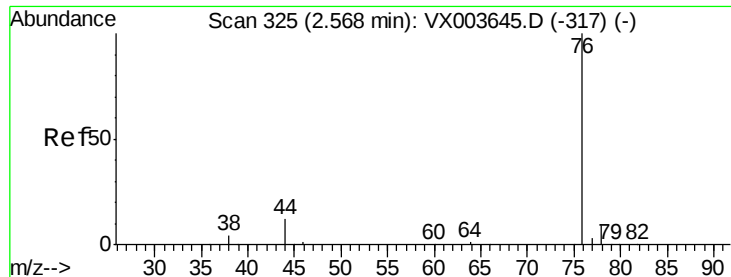
43 100

58 34.2 26.1 39.1



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

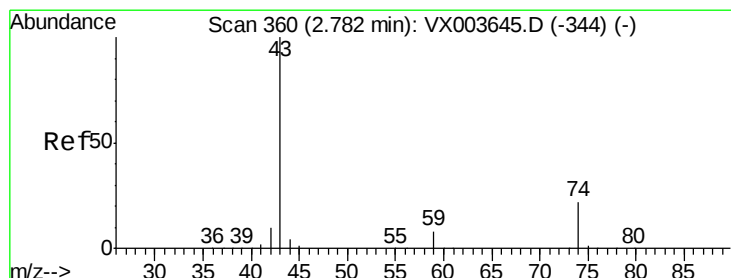
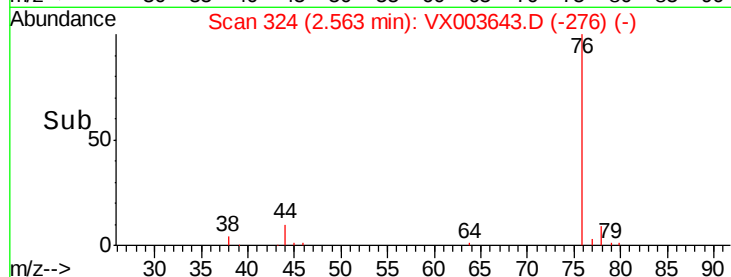
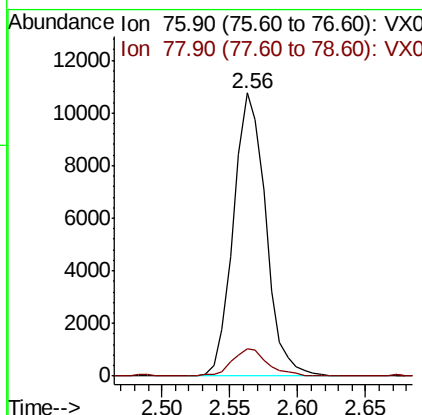
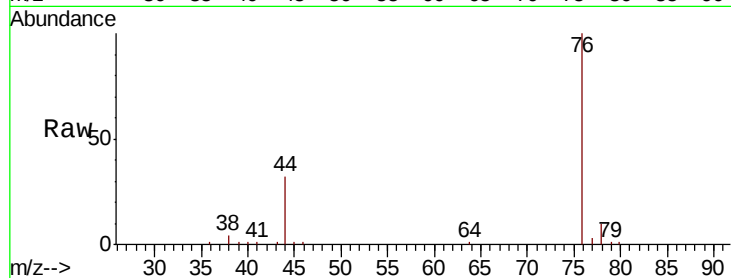




#17
Carbon Disulfide
Concen: 4.610 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

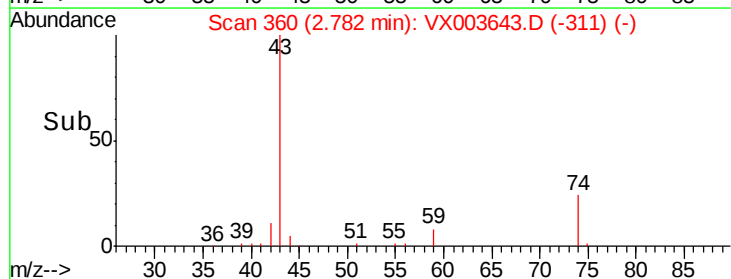
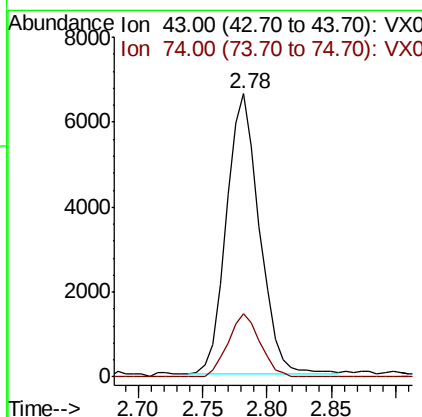
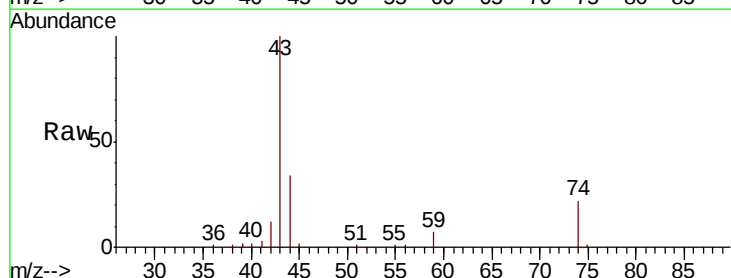
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

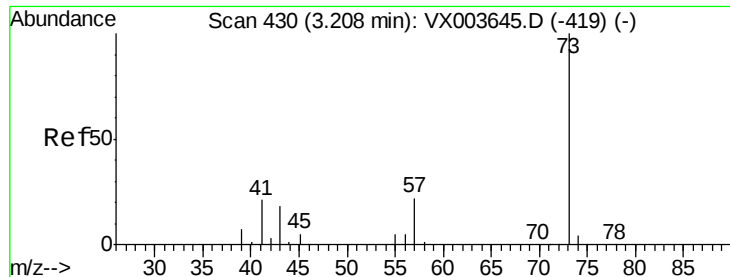
Tgt Ion: 76 Resp: 17855
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 4.836 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 43 Resp: 11832
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8

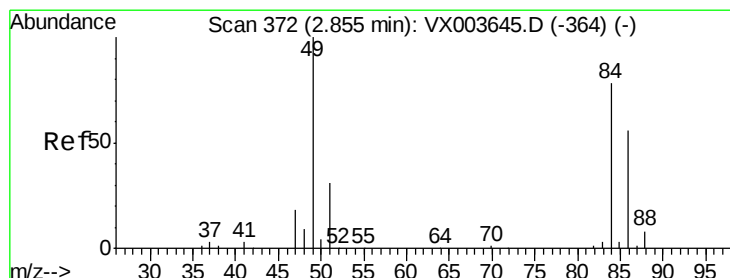
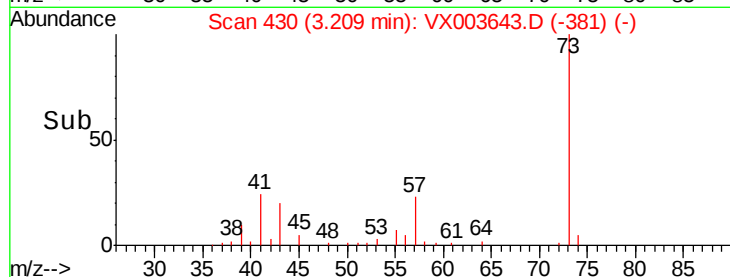
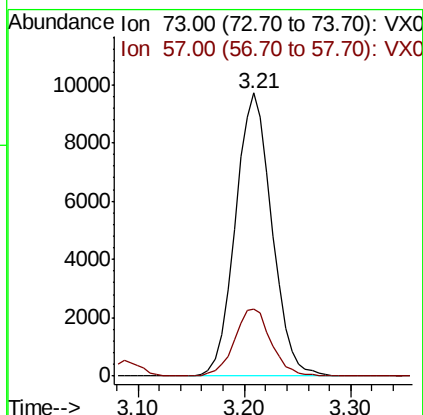
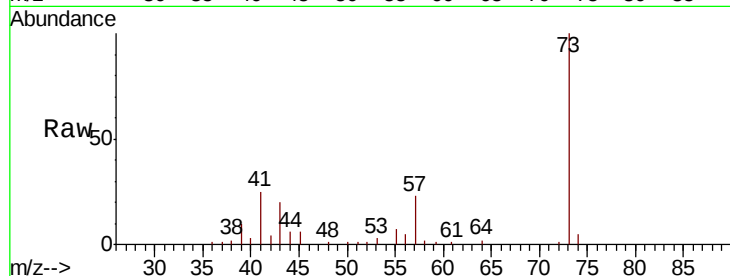




#19
Methyl tert-butyl Ether
Concen: 4.896 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

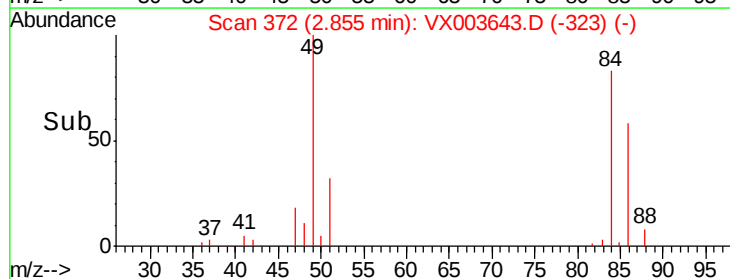
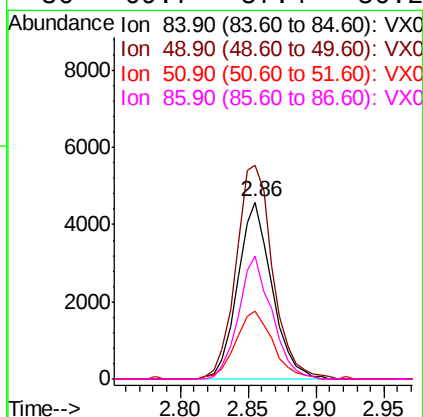
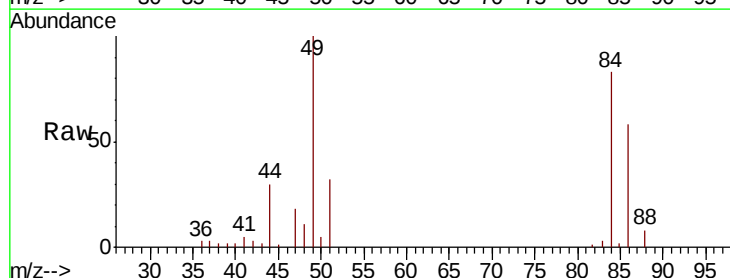
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

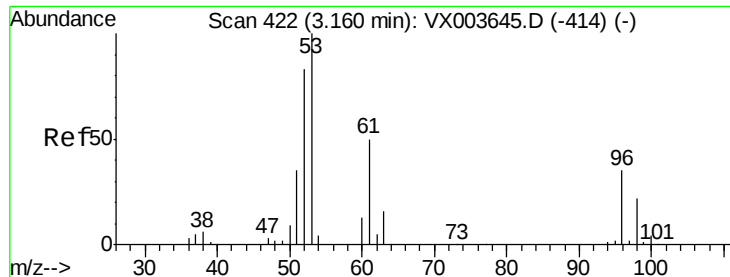
Tgt Ion: 73 Resp: 23282
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2



#20
Methylene Chloride
Concen: 5.024 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 84 Resp: 8064
Ion Ratio Lower Upper
84 100
49 120.5 102.3 153.5
51 38.6 31.8 47.8
86 69.7 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 4.951 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

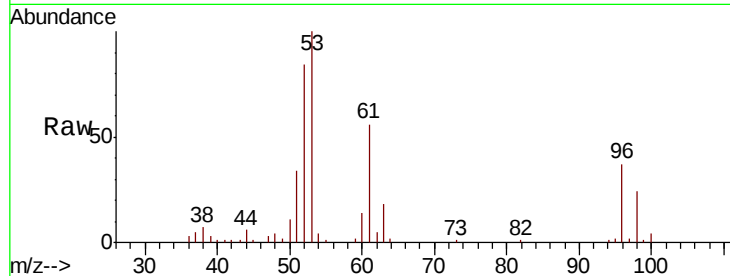
Tgt Ion: 96 Resp: 7168

Ion Ratio Lower Upper

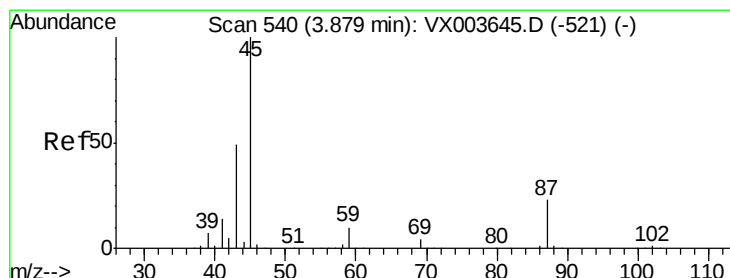
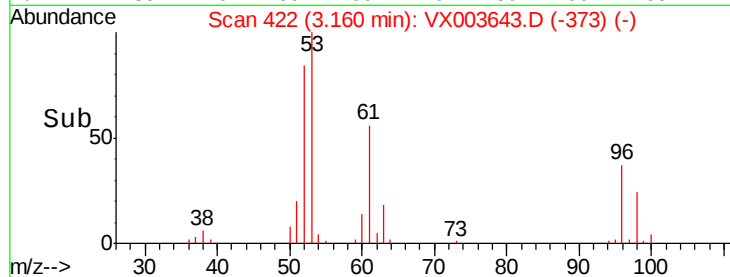
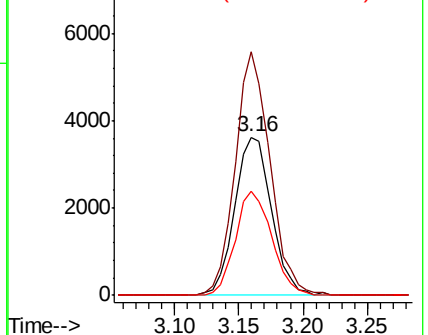
96 100

61 154.2 115.0 172.4

98 65.9 49.7 74.5



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: 5.108 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Tgt Ion: 45 Resp: 26175

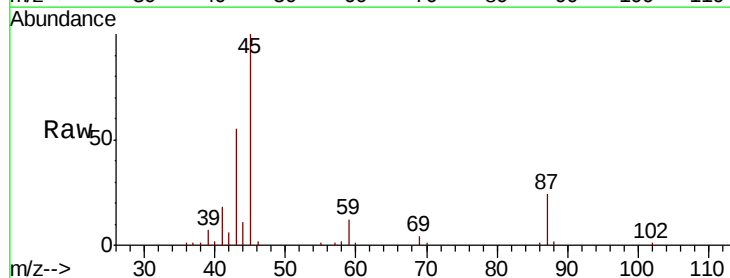
Ion Ratio Lower Upper

45 100

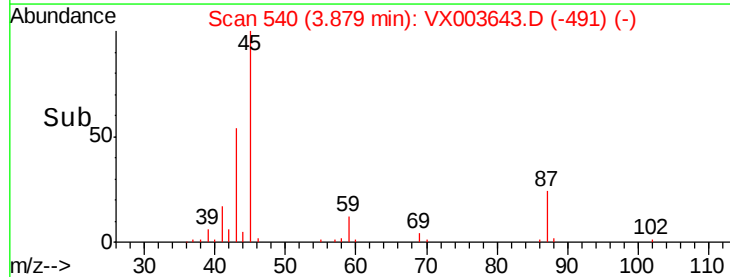
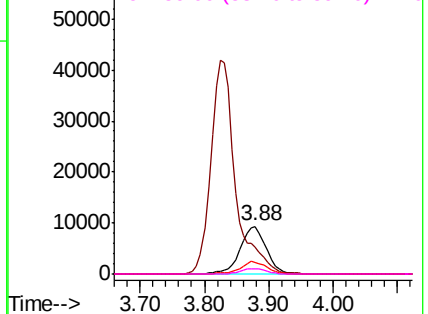
43 55.2 39.0 58.4

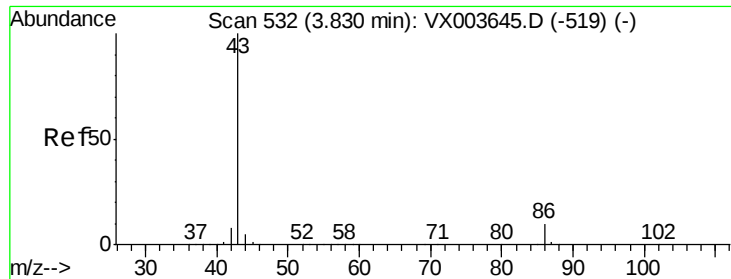
87 24.2 18.4 27.6

59 11.5 7.8 11.8



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

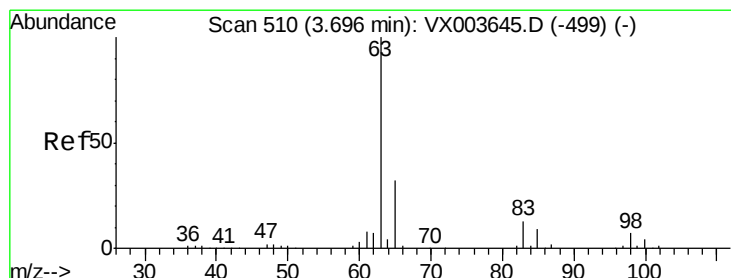
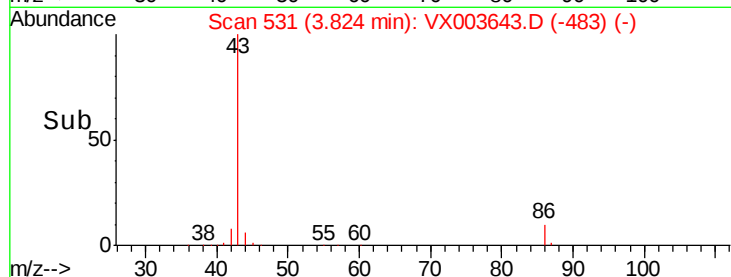
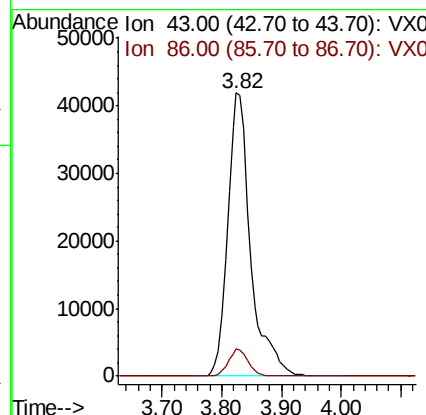
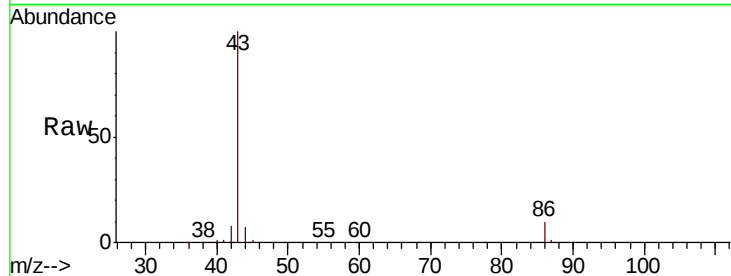




#23
 Vinyl Acetate
 Concen: 25.493 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

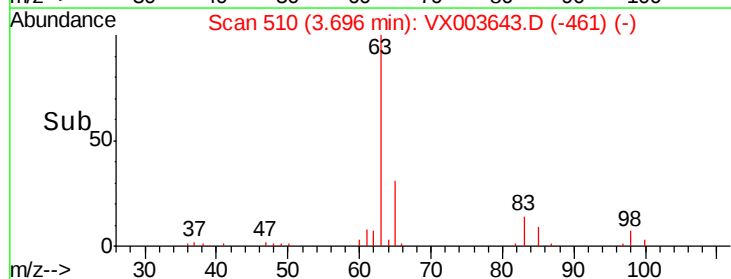
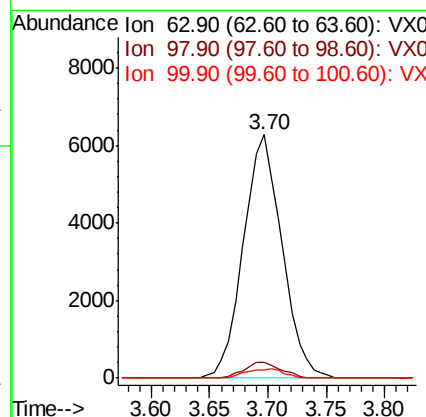
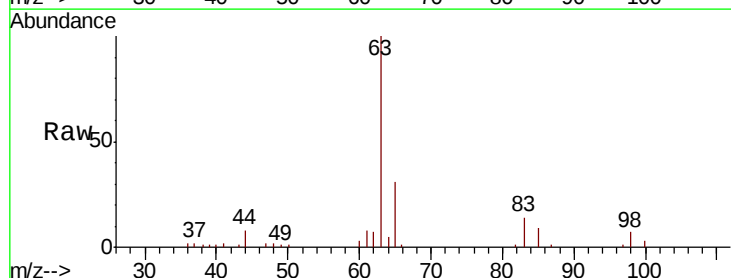
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

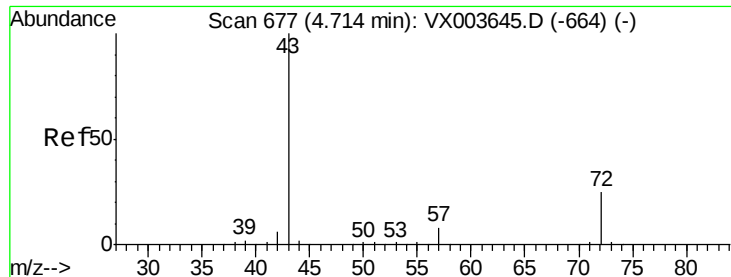
Tgt Ion: 43 Resp: 111913
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 5.029 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 63 Resp: 14524
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.2 2.1 6.3





#25

2-Butanone

Concen: 24.804 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampled :

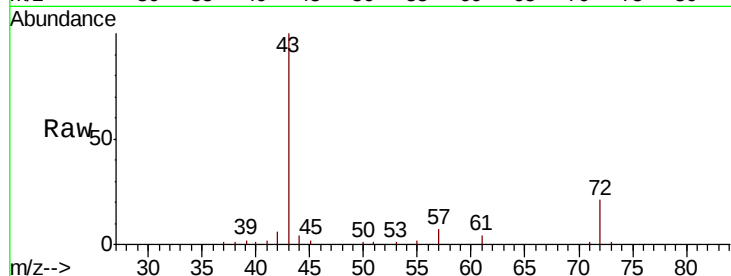
VSTDIC005

Tgt Ion: 43 Resp: 31041

Ion Ratio Lower Upper

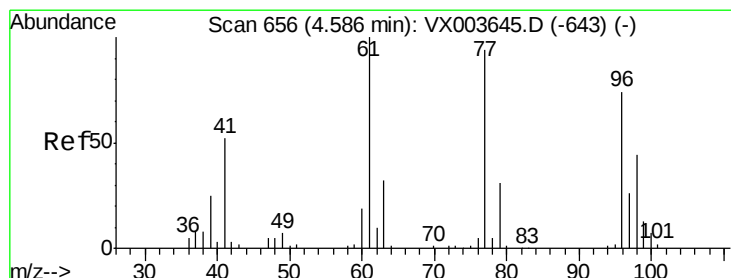
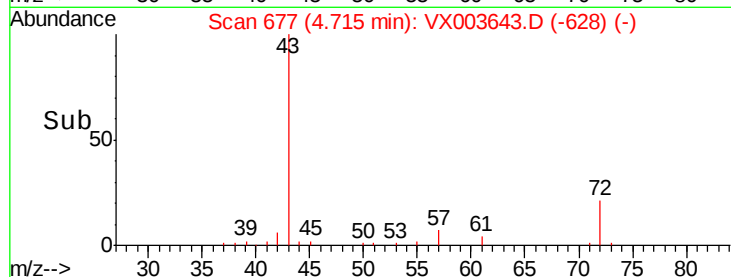
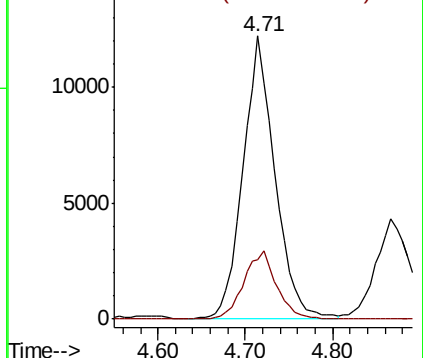
43 100

72 21.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.846 ug/l

RT: 4.57 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX003643.D

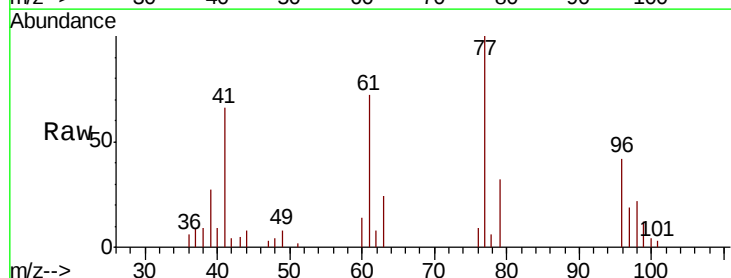
Acq: 24 Jul 2018 16:41

Tgt Ion: 77 Resp: 8849

Ion Ratio Lower Upper

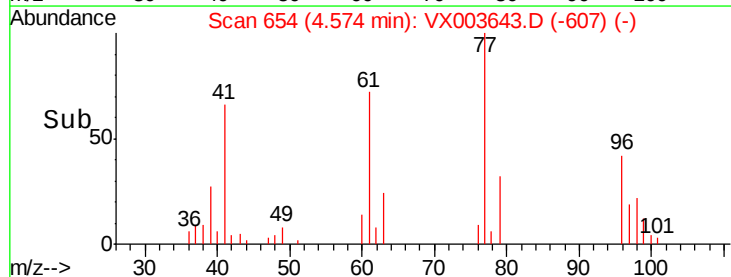
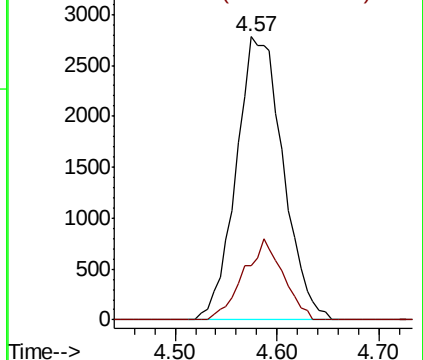
77 100

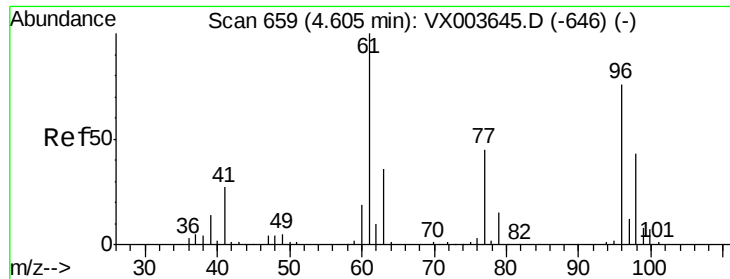
97 24.3 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



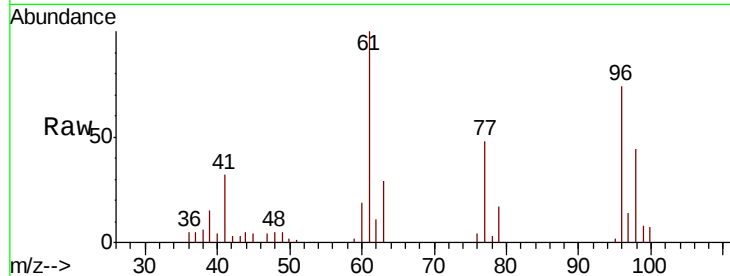


#27

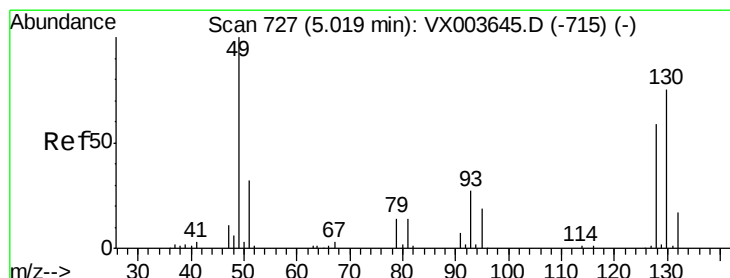
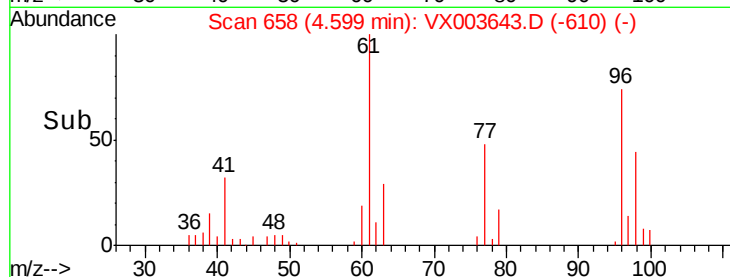
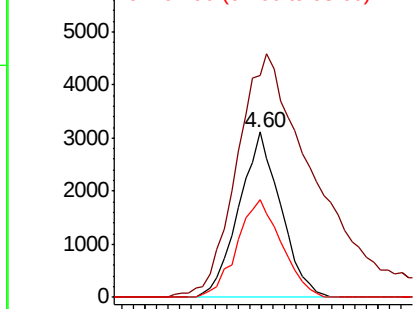
cis-1,2-Dichloroethene
 Concen: 4.958 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 7793
 Ion Ratio Lower Upper
 96 100
 61 282.0 0.0 313.6
 98 62.7 0.0 125.6



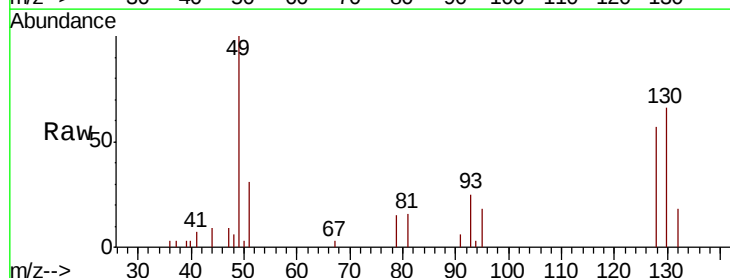
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



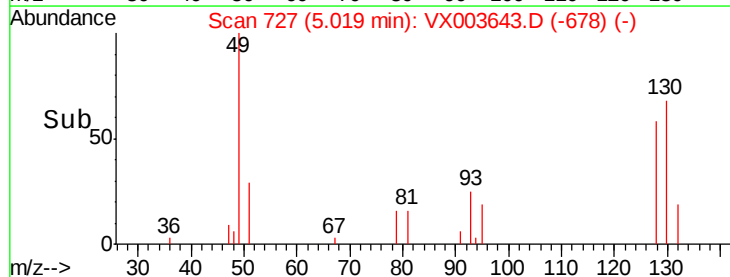
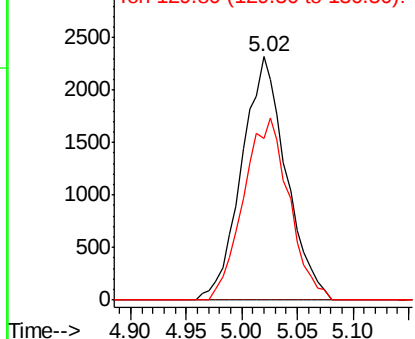
#28

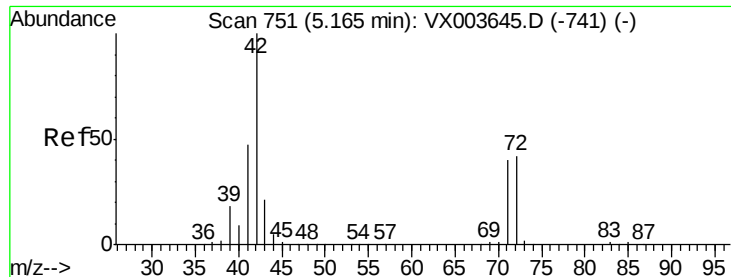
Bromochloromethane
 Concen: 5.555 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 49 Resp: 6439
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 76.6 61.0 91.6



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

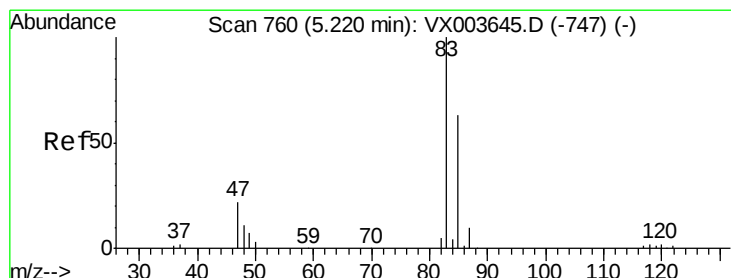
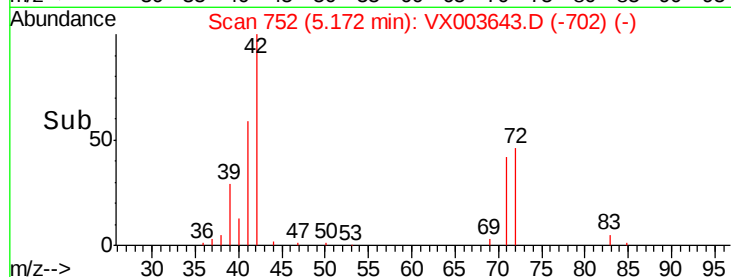
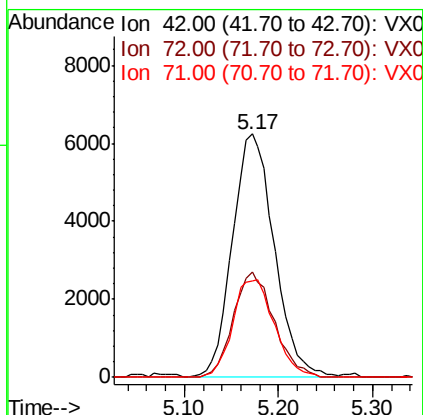
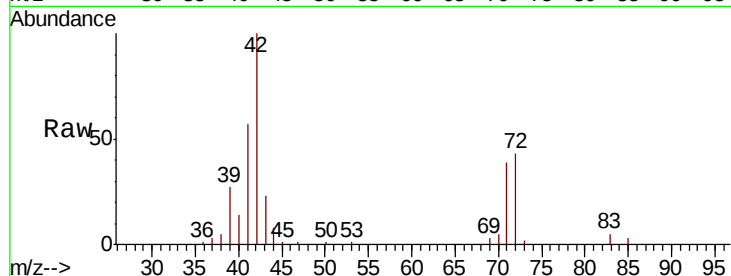




#29
Tetrahydrofuran
Concen: 23.747 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

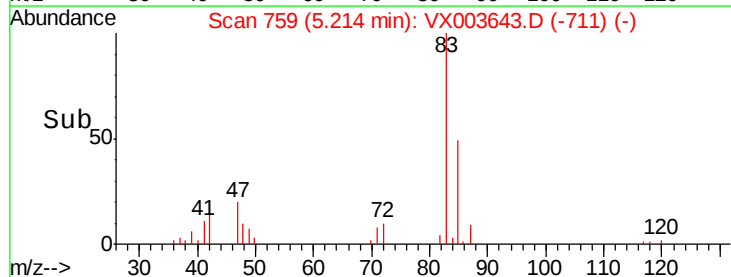
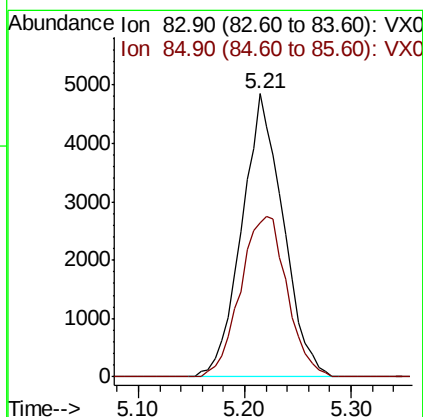
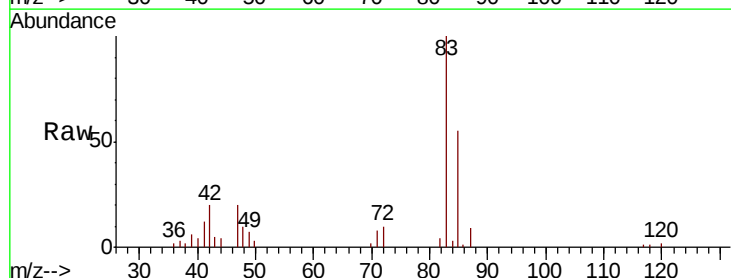
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

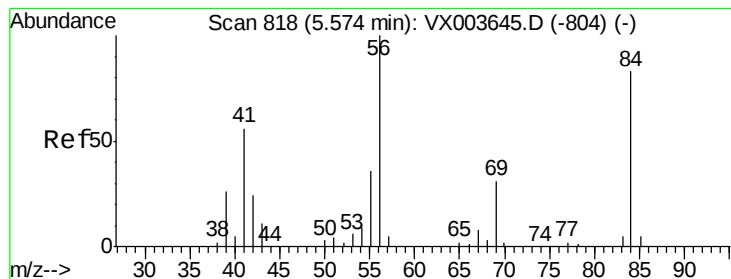
Tgt Ion: 42 Resp: 19345
Ion Ratio Lower Upper
42 100
72 41.9 33.4 50.0
71 39.7 31.0 46.6



#30
Chloroform
Concen: 5.034 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 83 Resp: 13187
Ion Ratio Lower Upper
83 100
85 54.6 50.2 75.4





#31

Cyclohexane

Concen: 4.656 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

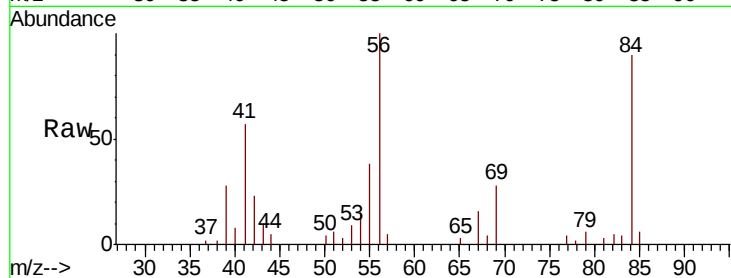
Tgt Ion: 56 Resp: 10795

Ion Ratio Lower Upper

56 100

69 27.7 25.0 37.6

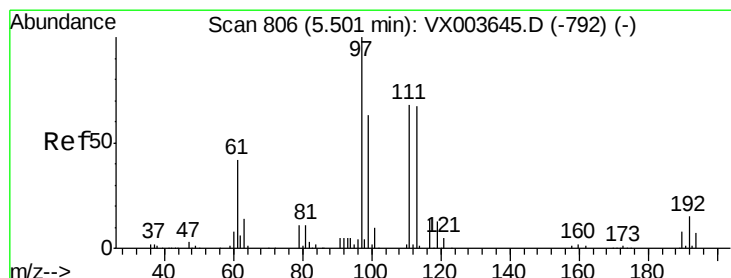
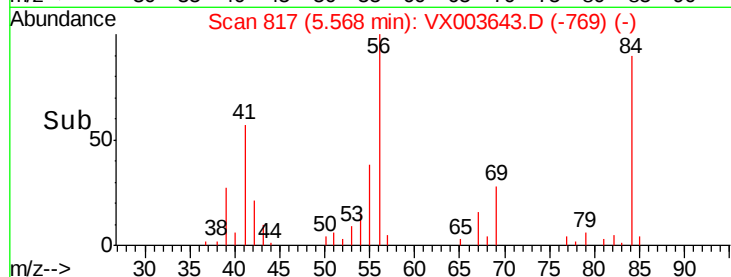
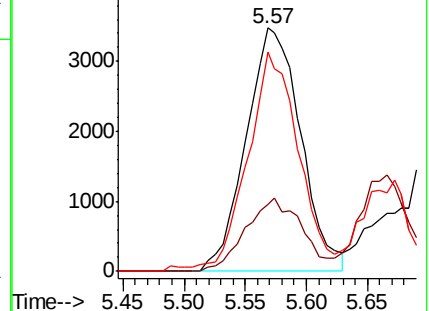
84 88.4 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.831 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

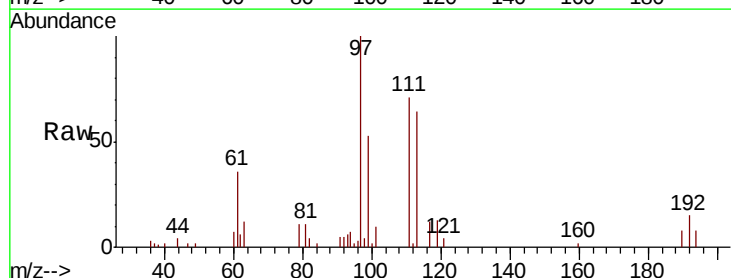
Tgt Ion: 97 Resp: 10510

Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

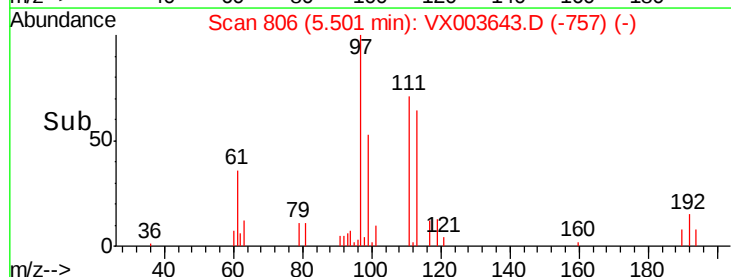
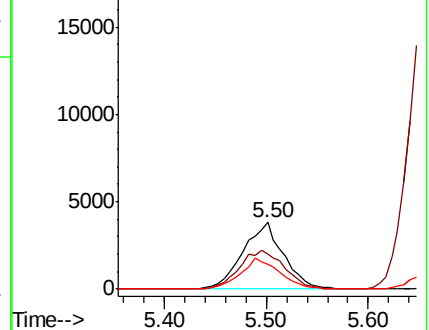
61 44.7 34.5 51.7

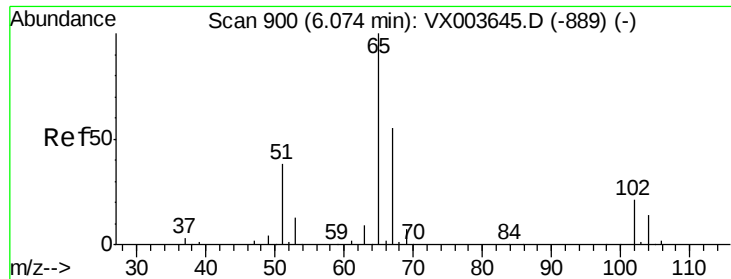


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

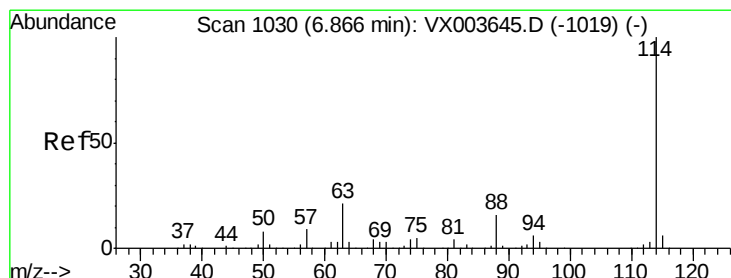
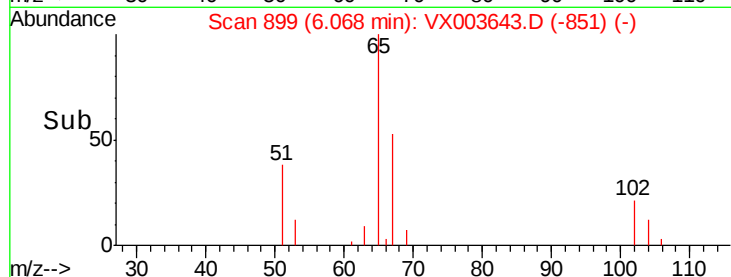
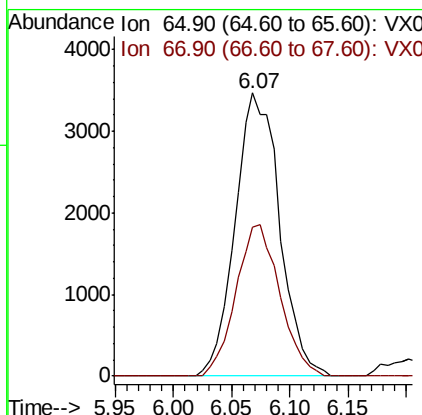
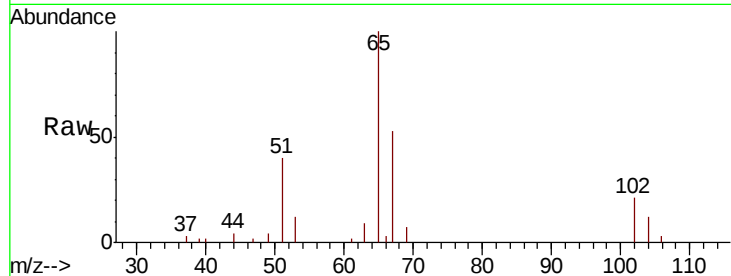




#33
 1,2-Dichloroethane-d4
 Concen: 5.336 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

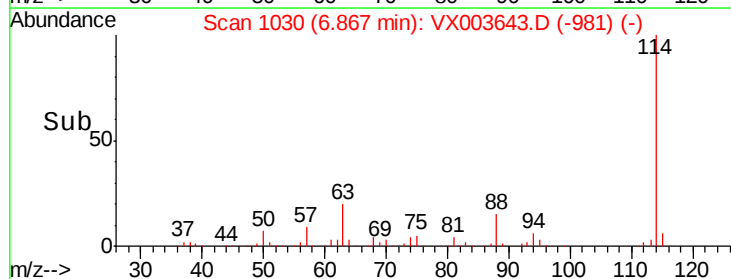
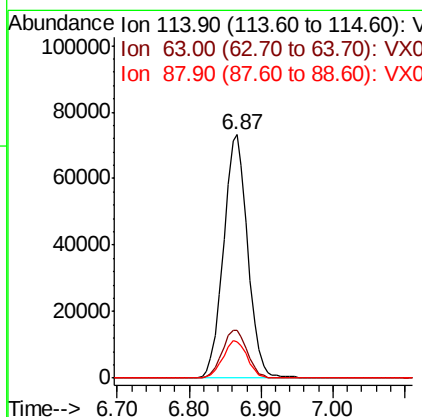
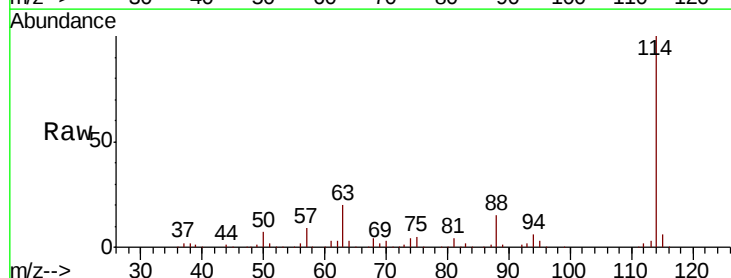
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

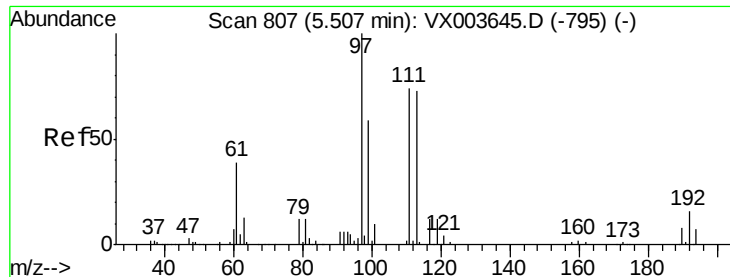
Tgt Ion: 65 Resp: 9201
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 114 Resp: 170659
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.0
 88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.122 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

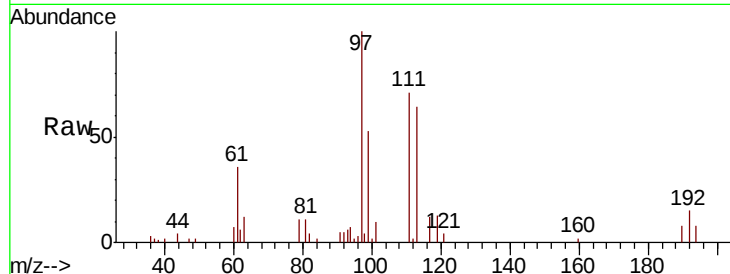
Tgt Ion:113 Resp: 7146

Ion Ratio Lower Upper

113 100

111 105.2 81.2 121.8

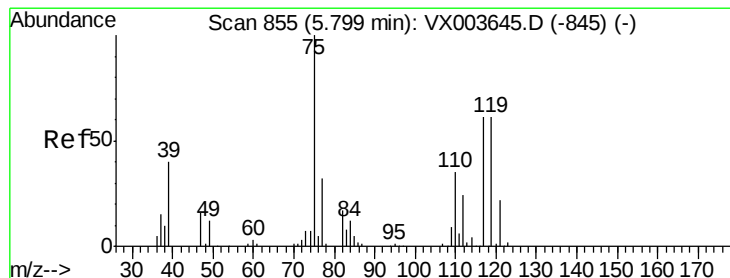
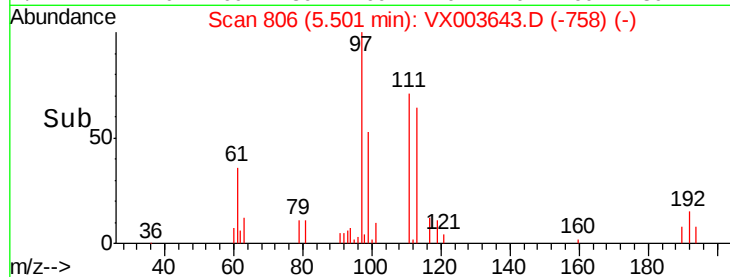
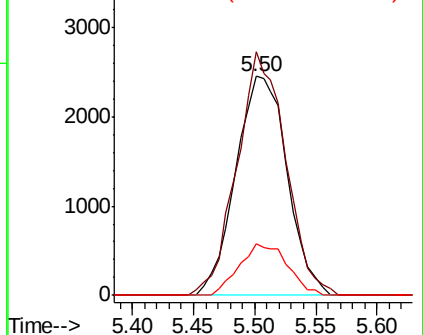
192 22.0 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

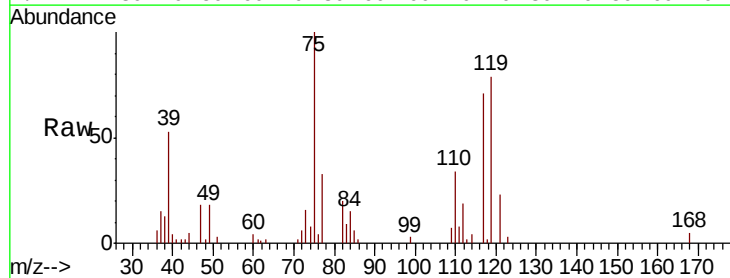
Tgt Ion: 75 Resp: 9822

Ion Ratio Lower Upper

75 100

110 34.5 18.1 54.1

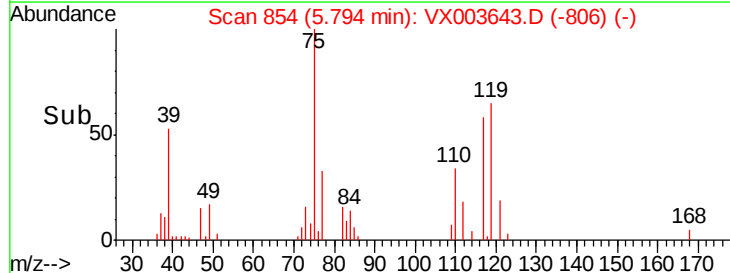
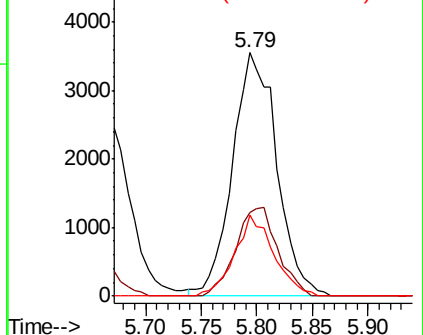
77 29.4 25.1 37.7

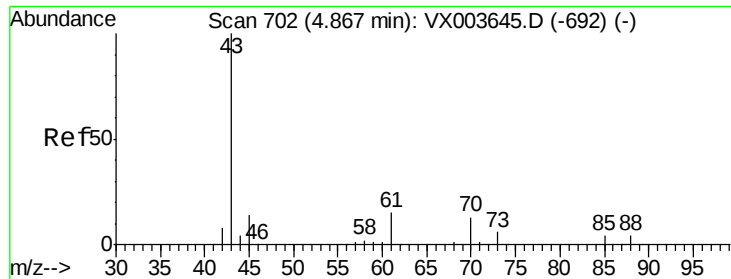


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

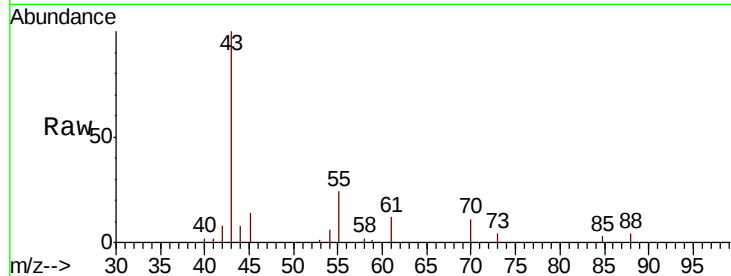




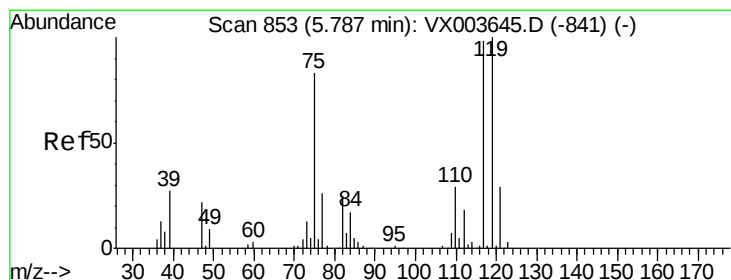
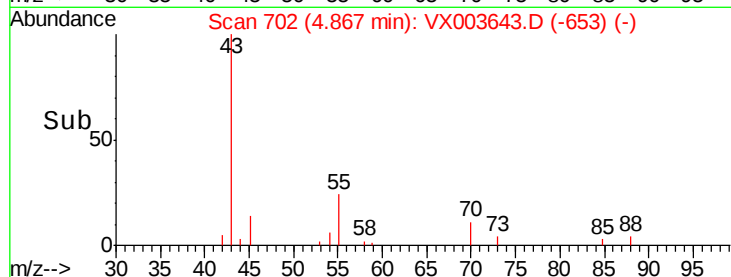
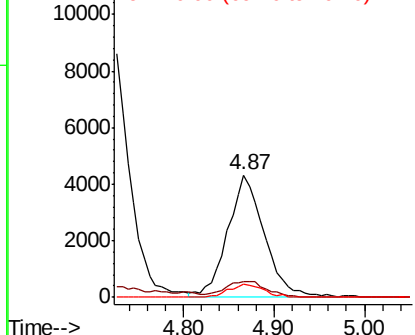
#37
Ethyl Acetate
Concen: 5.071 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 12163
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 10.0 8.6 12.8

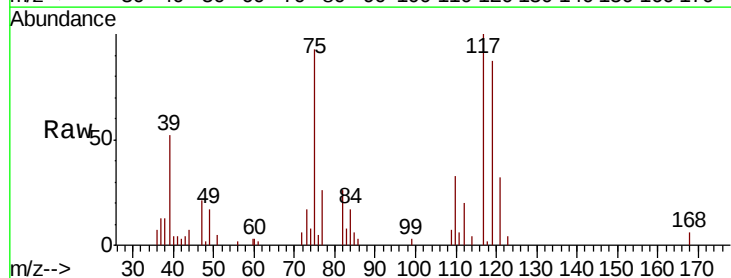


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

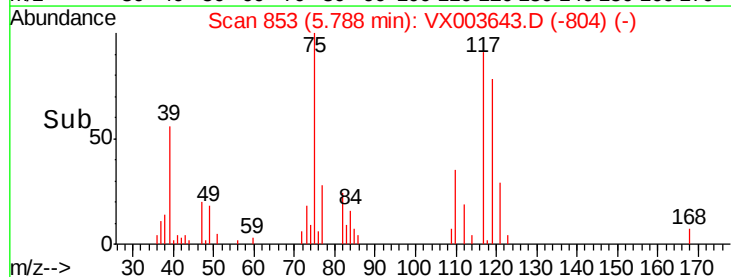
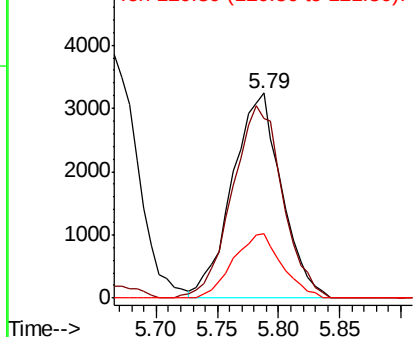


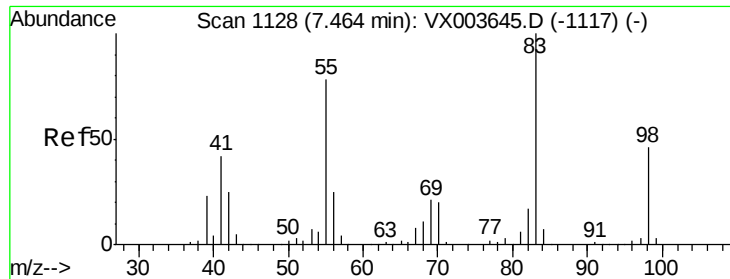
#38
Carbon Tetrachloride
Concen: 4.725 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 117 Resp: 9084
Ion Ratio Lower Upper
117 100
119 87.5 81.0 121.4
121 31.7 23.7 35.5



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

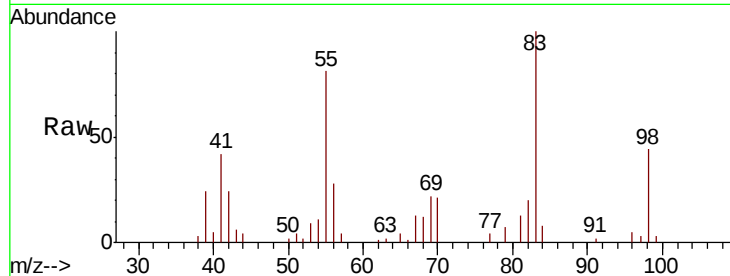




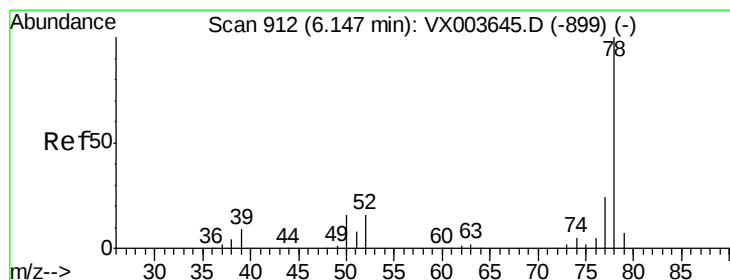
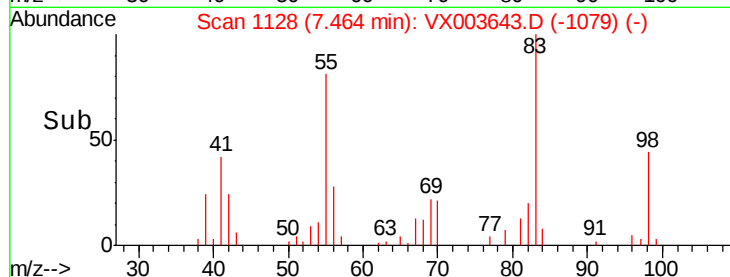
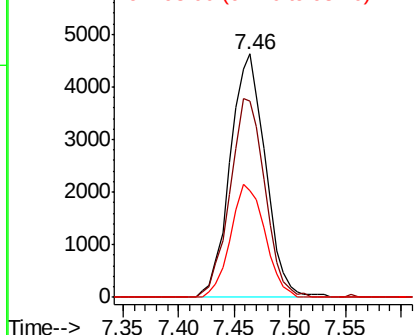
#39
Methylcyclohexane
Concen: 4.628 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10161
Ion Ratio Lower Upper
83 100
55 80.6 62.6 93.8
98 44.0 36.6 55.0

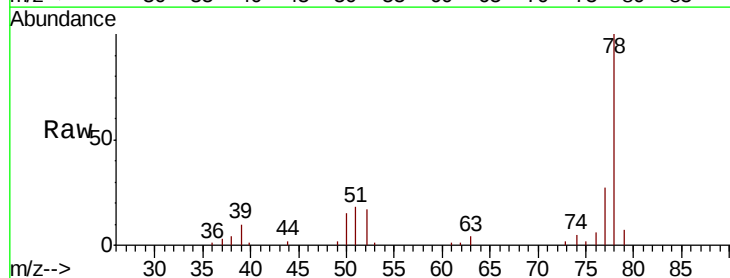


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

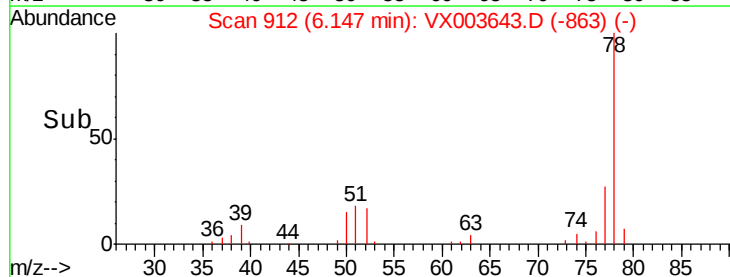
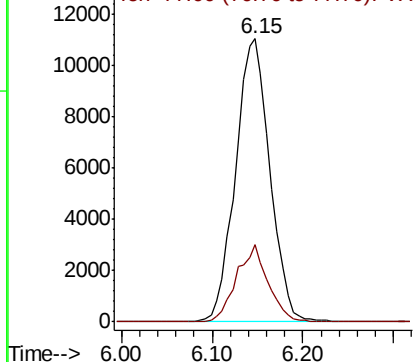


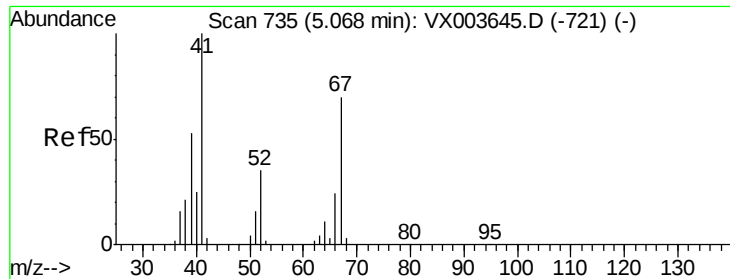
#40
Benzene
Concen: 4.920 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 78 Resp: 29042
Ion Ratio Lower Upper
78 100
77 27.2 19.0 28.6



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

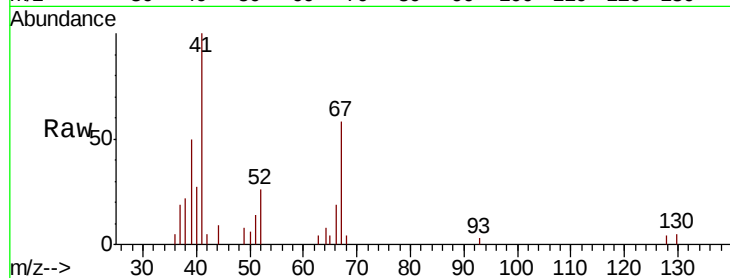




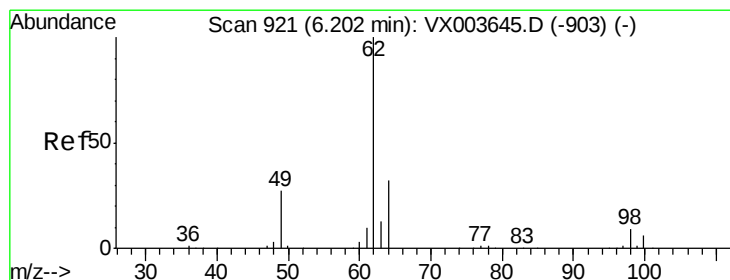
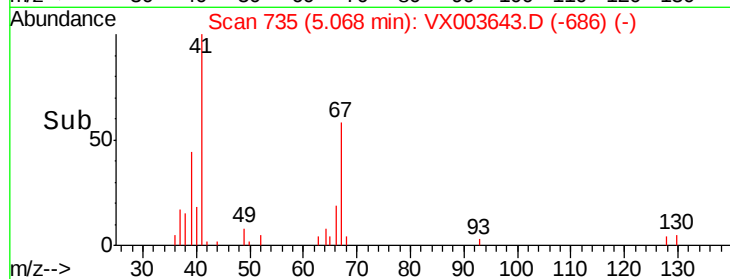
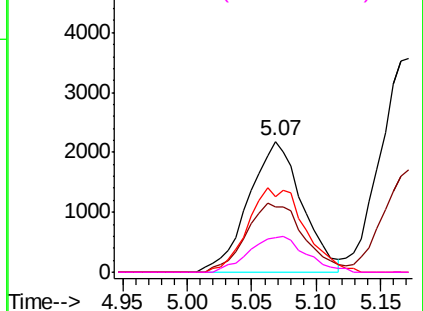
#41
Methacrylonitrile
Concen: 4.743 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	6300
Ion	Ratio	Lower	Upper
41	100		
39	57.0	42.2	63.4
67	68.3	56.6	84.8
52	28.7	24.0	36.0

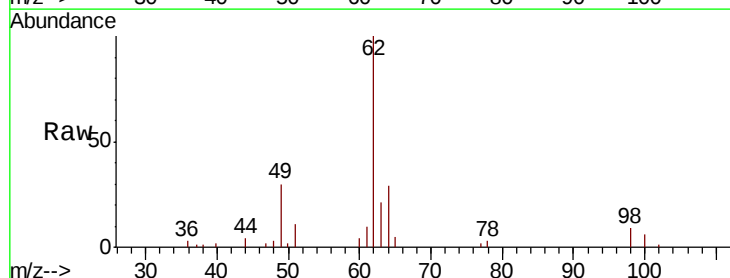


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

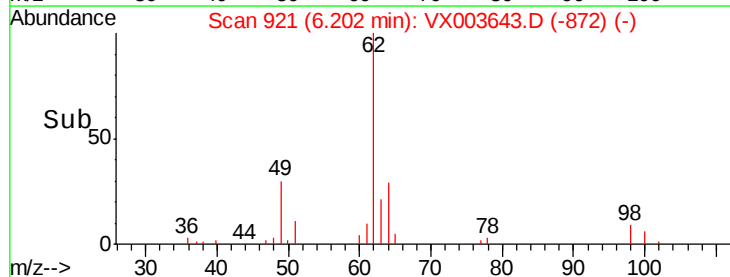
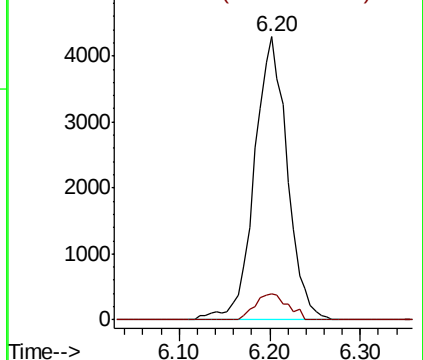


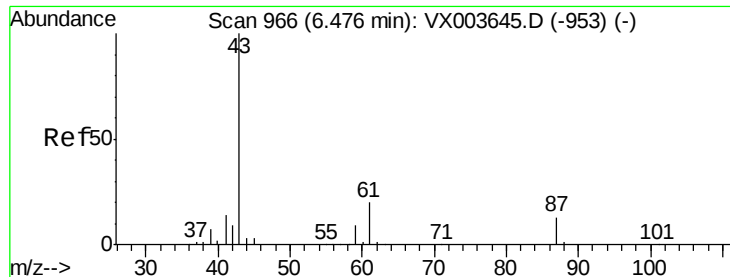
#42
1,2-Dichloroethane
Concen: 5.173 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion:	62	Resp:	10749
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 4.831 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

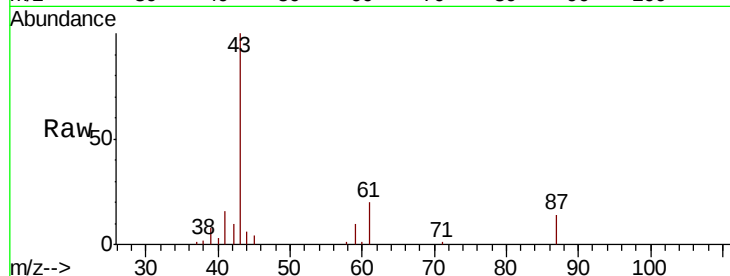
Tgt Ion: 43 Resp: 16906

Ion Ratio Lower Upper

43 100

61 19.7 15.9 23.9

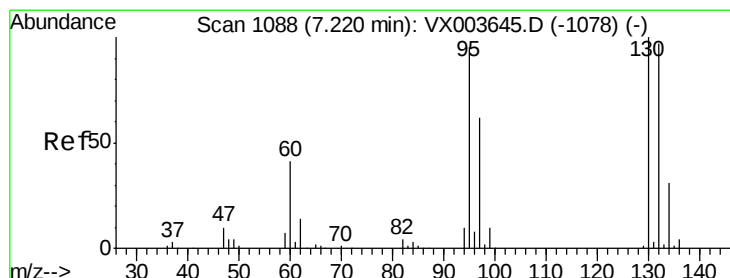
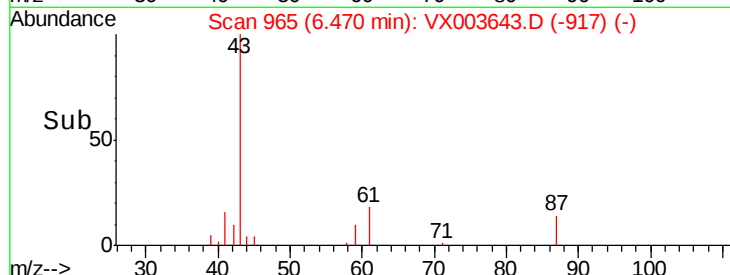
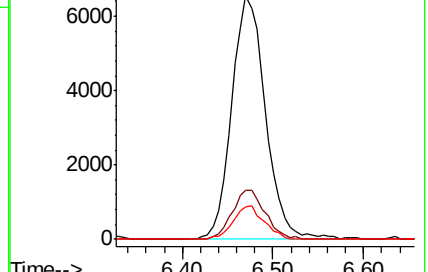
87 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX003643.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX003643.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX003643.D (-917) (-)



#44

Trichloroethene

Concen: 5.079 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003643.D

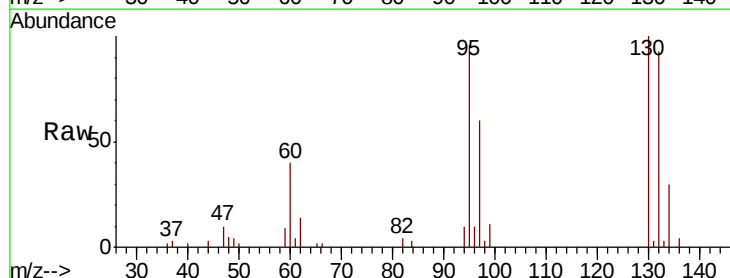
Acq: 24 Jul 2018 16:41

Tgt Ion: 130 Resp: 8038

Ion Ratio Lower Upper

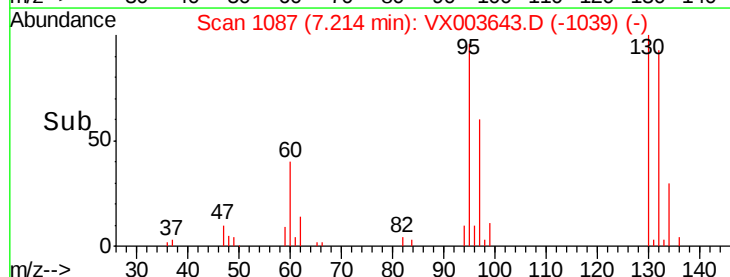
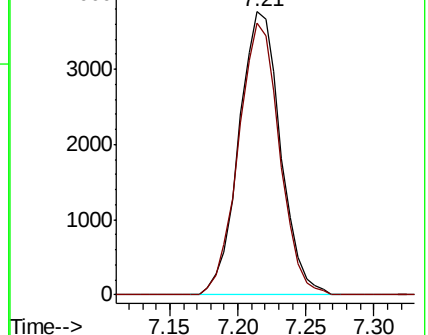
130 100

95 95.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VX003643.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX003643.D (-1039) (-)

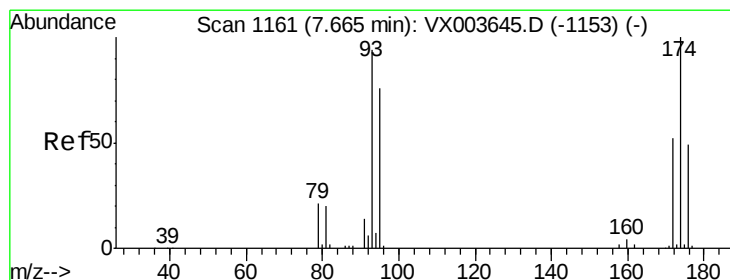
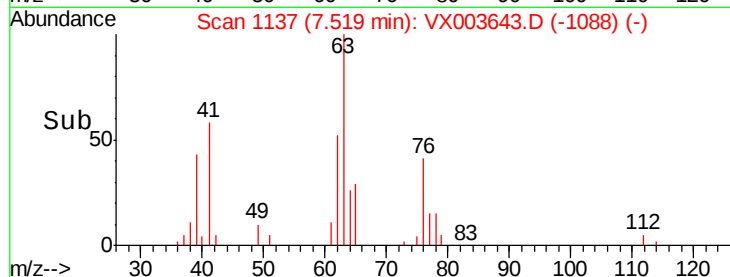
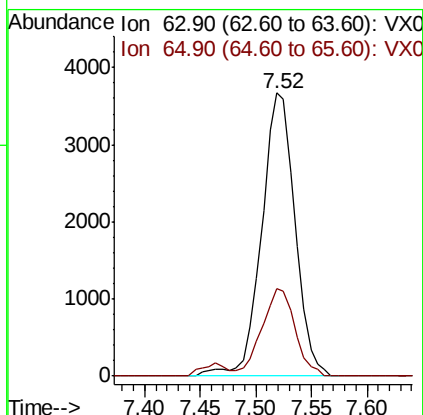
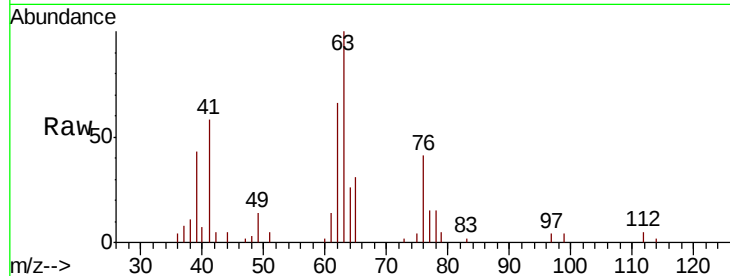




#45
 1,2-Dichloropropane
 Concen: 5.030 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

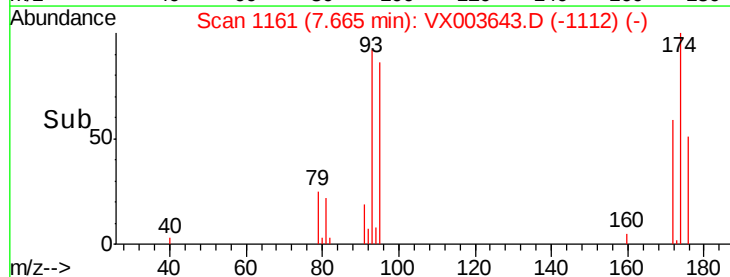
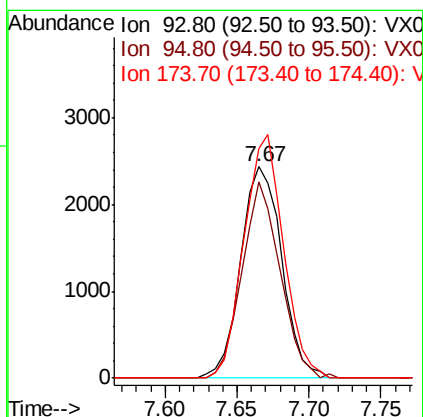
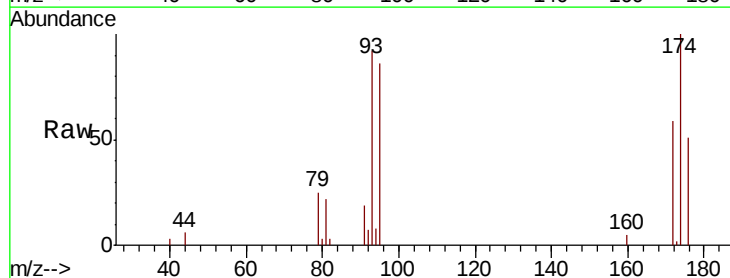
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

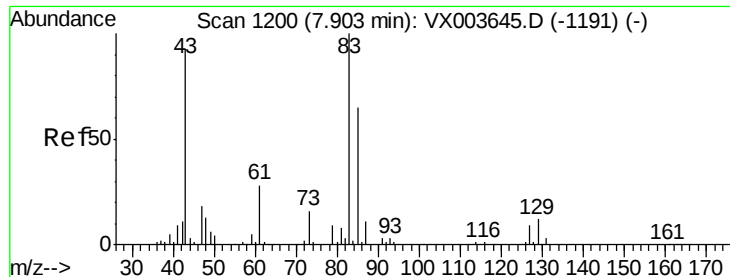
Tgt Ion: 63 Resp: 7675
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.0 36.0



#46
 Dibromomethane
 Concen: 4.900 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 93 Resp: 4803
 Ion Ratio Lower Upper
 93 100
 95 86.2 67.0 100.6
 174 110.9 89.6 134.4





#47

Bromodichloromethane

Concen: 4.772 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

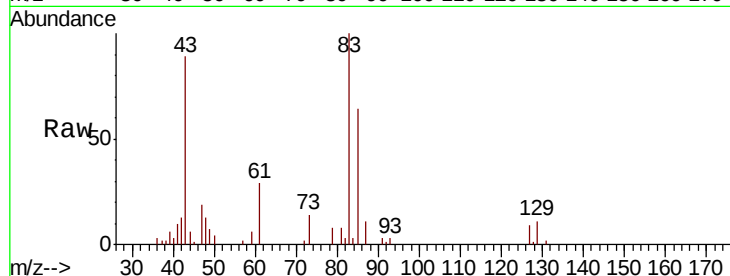
Tgt Ion: 83 Resp: 8771

Ion Ratio Lower Upper

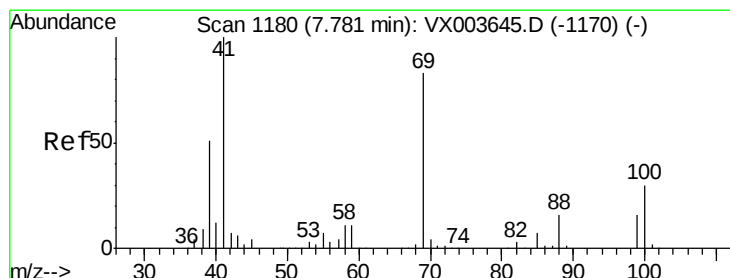
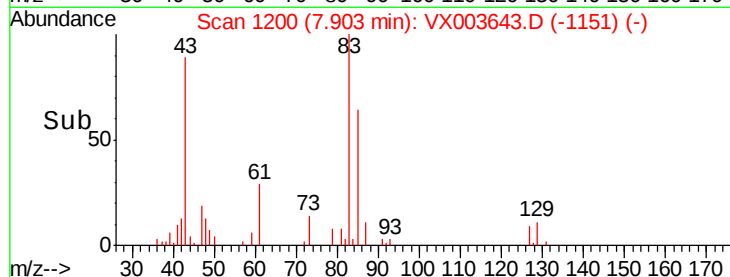
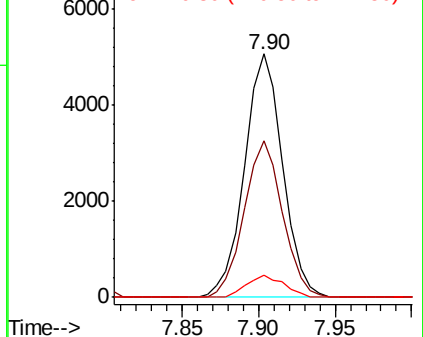
83 100

85 64.1 51.8 77.6

127 9.1 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: 4.617 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

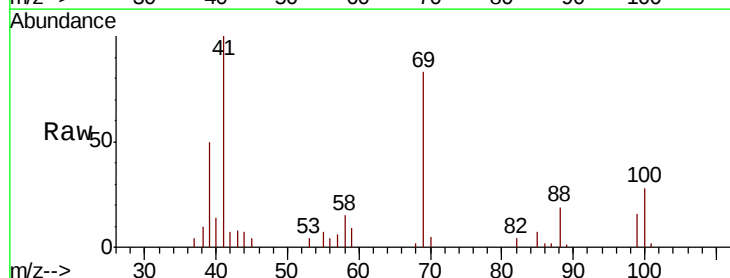
Tgt Ion: 41 Resp: 8198

Ion Ratio Lower Upper

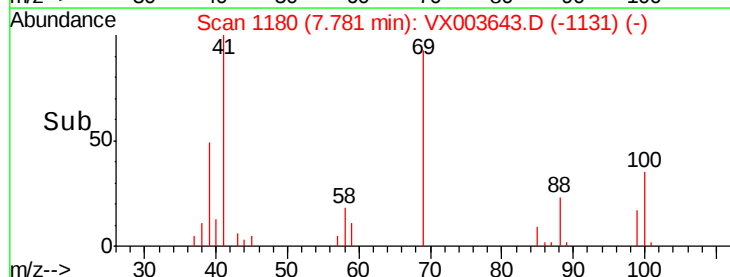
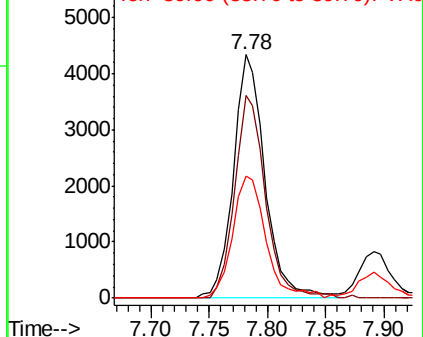
41 100

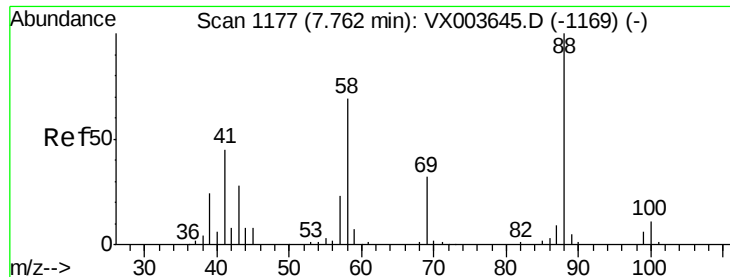
69 81.3 66.9 100.3

39 52.7 41.2 61.8



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

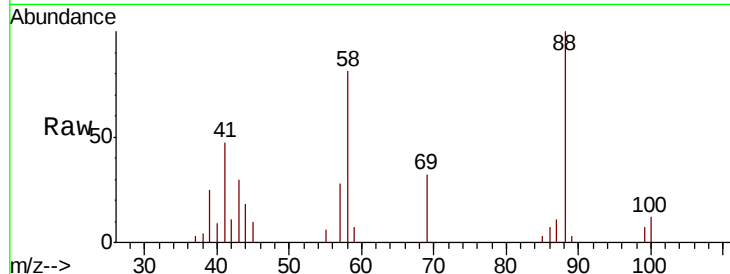




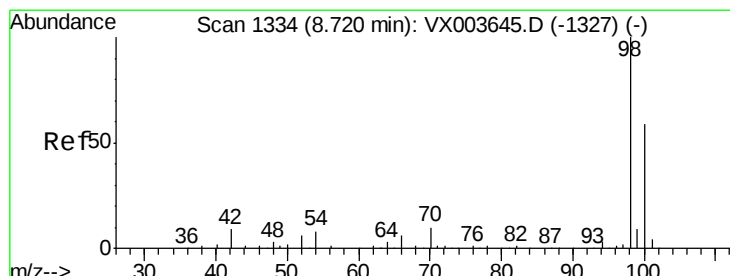
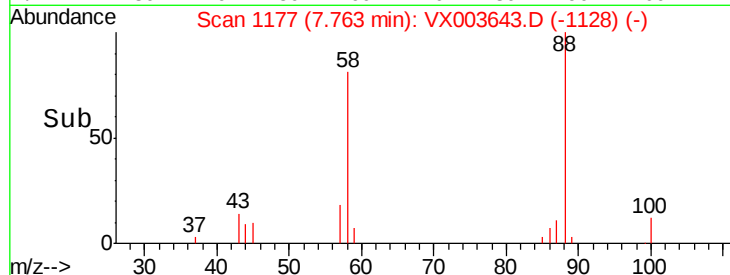
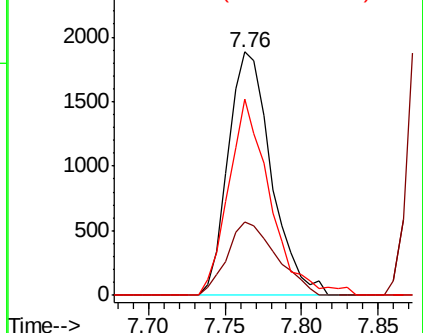
#49
1,4-Dioxane
Concen: 92.943 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3682
Ion Ratio Lower Upper
88 100
43 34.3 25.8 38.6
58 78.0 58.3 87.5

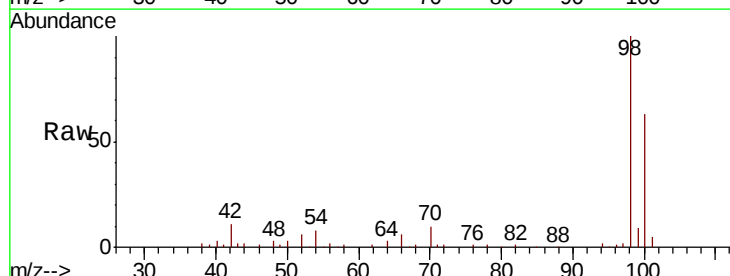


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

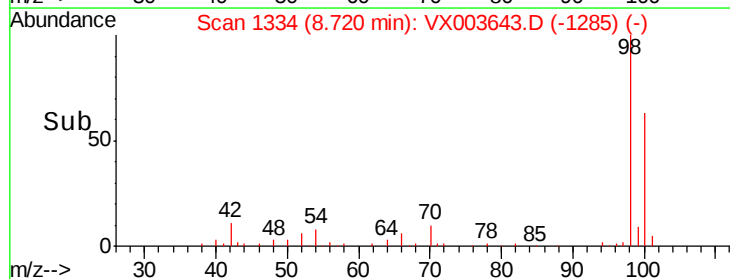
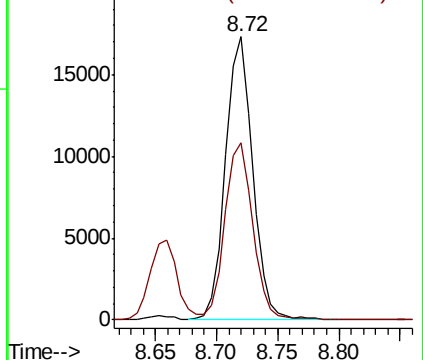


#50
Toluene-d8
Concen: 5.015 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 98 Resp: 26700
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 23.343 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

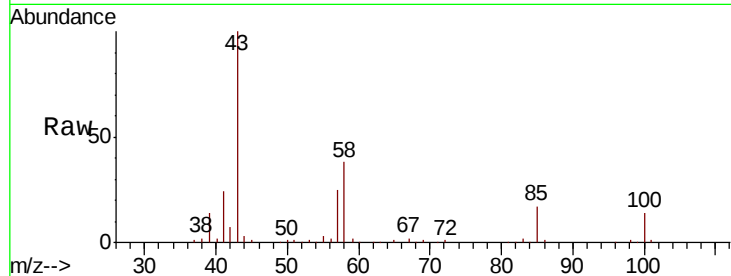
VSTDIC005

Tgt Ion: 43 Resp: 55114

Ion Ratio Lower Upper

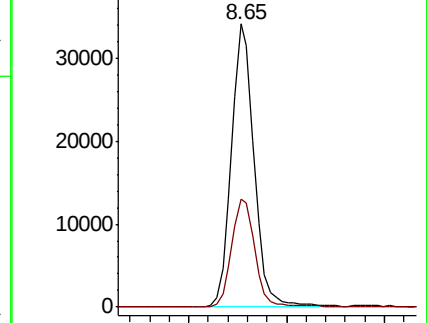
43 100

58 38.7 31.5 47.3

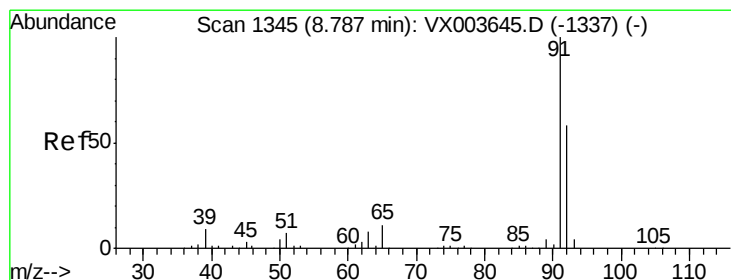
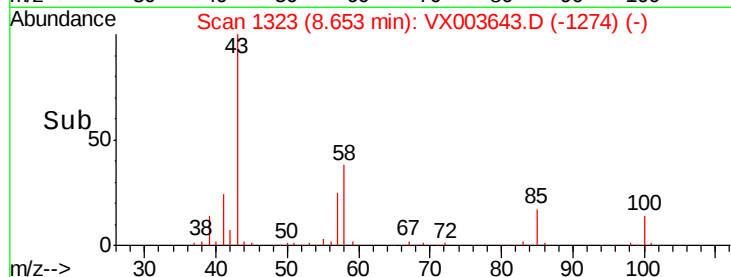


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 4.838 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003643.D

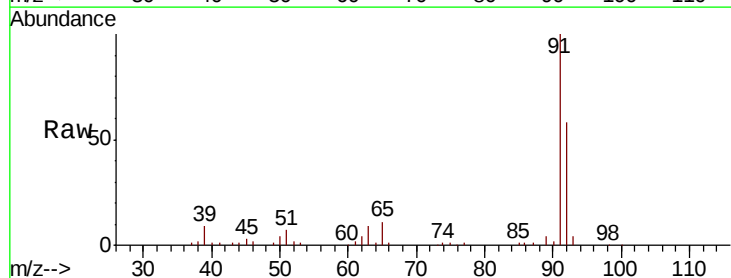
Acq: 24 Jul 2018 16:41

Tgt Ion: 92 Resp: 17752

Ion Ratio Lower Upper

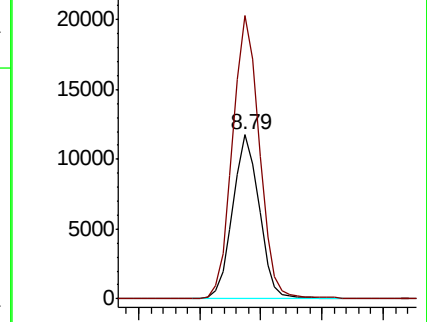
92 100

91 174.3 139.0 208.6

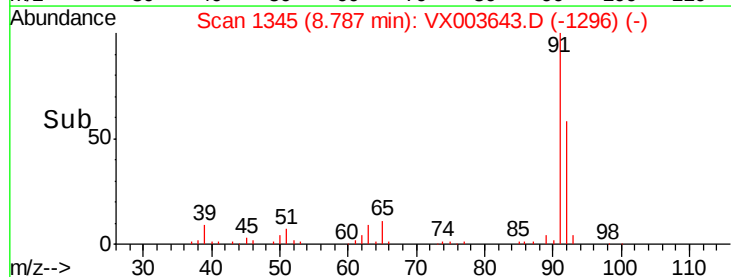


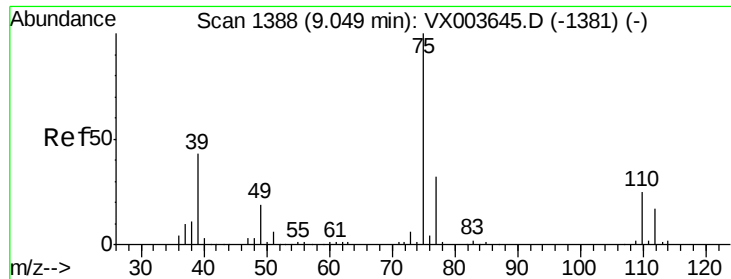
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

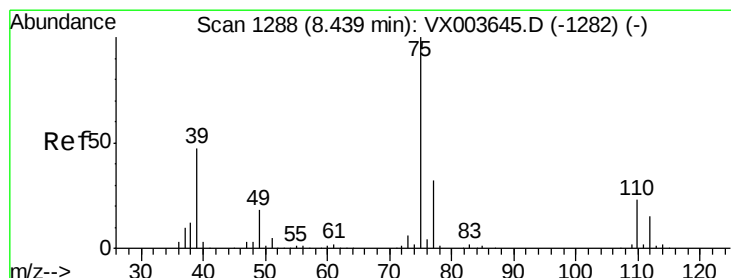
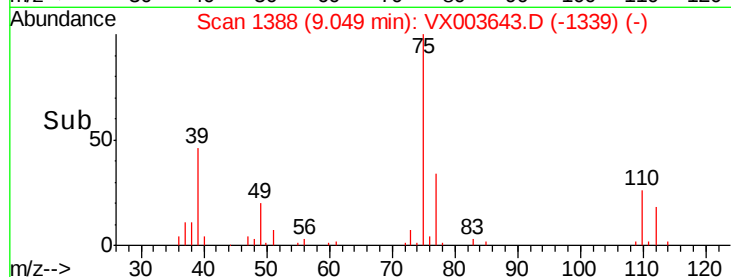
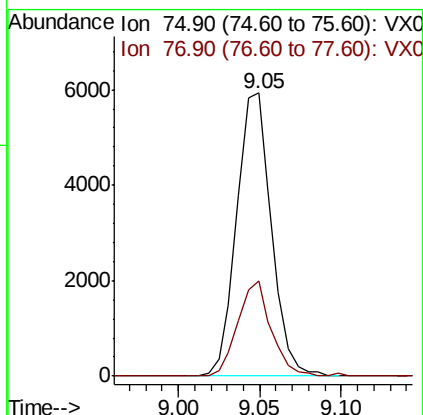
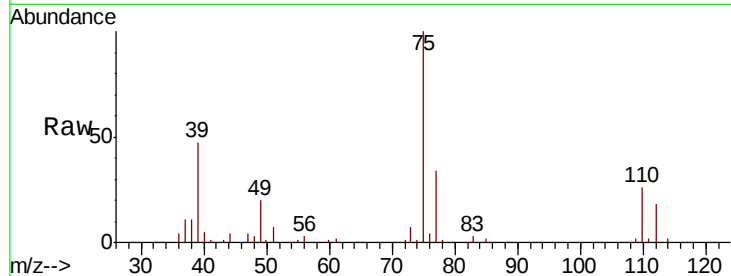




#53
 t-1,3-Dichloropropene
 Concen: 3.994 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

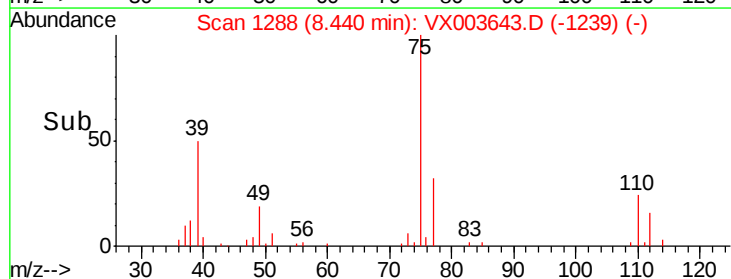
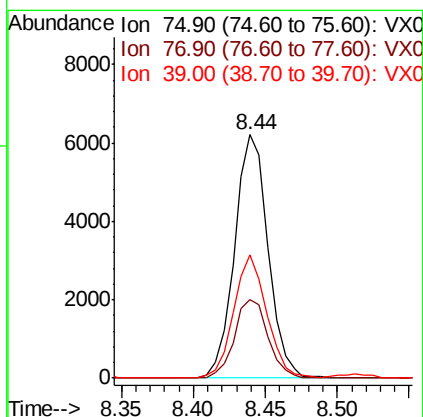
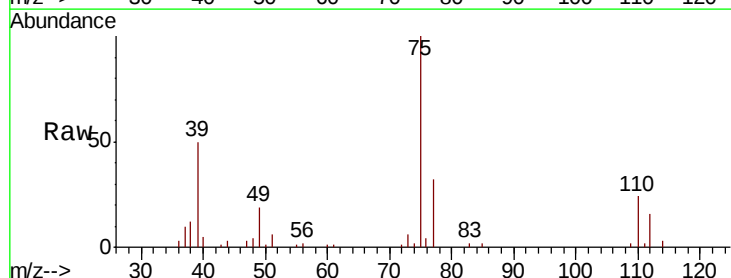
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

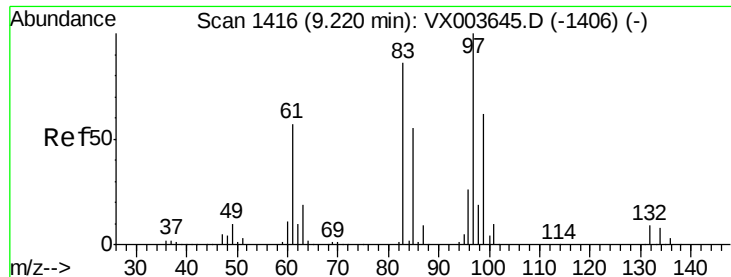
Tgt Ion: 75 Resp: 8811
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.852 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 75 Resp: 10031
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 50.5 38.0 57.0

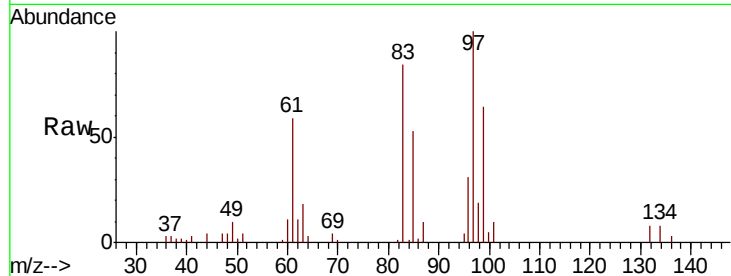




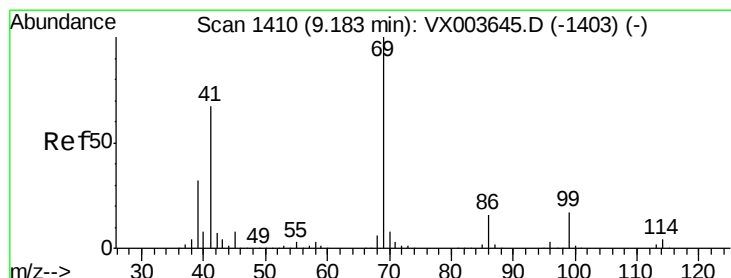
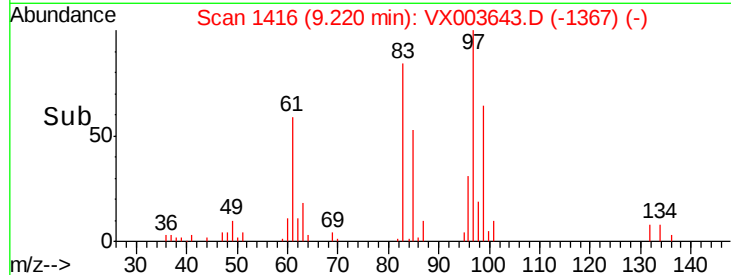
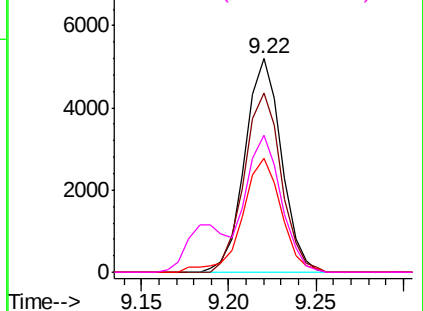
#55
 1,1,2-Trichloroethane
 Concen: 5.042 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 7563
 Ion Ratio Lower Upper
 97 100
 83 83.8 68.7 103.1
 85 53.2 43.7 65.5
 99 64.0 49.6 74.4

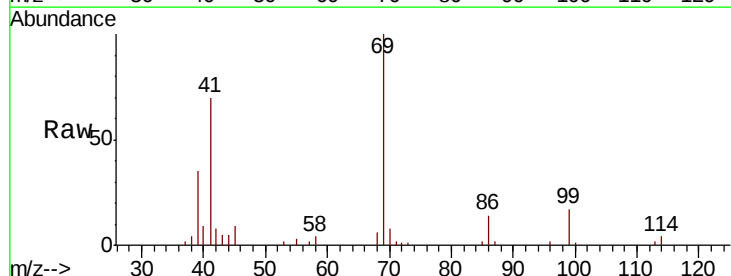


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

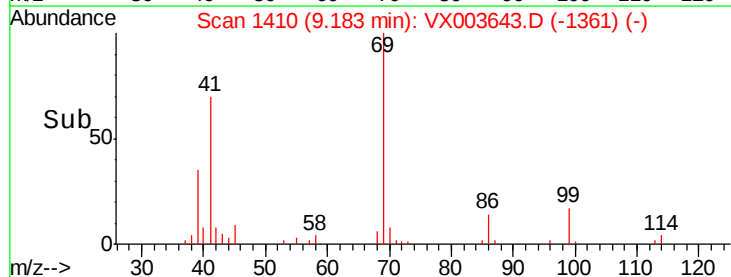
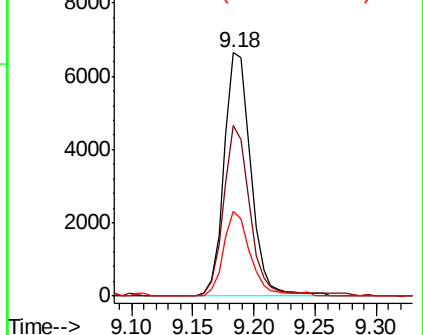


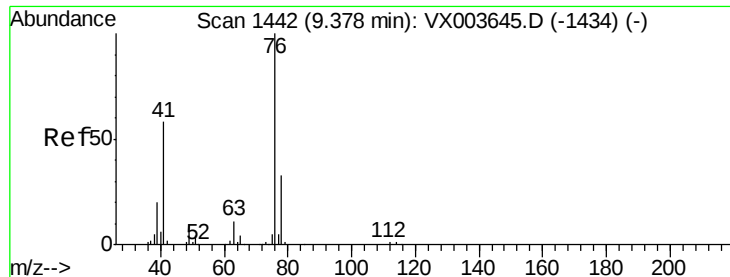
#56
 Ethyl methacrylate
 Concen: 4.504 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 69 Resp: 10053
 Ion Ratio Lower Upper
 69 100
 41 68.7 53.8 80.6
 39 35.4 25.8 38.8



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





#57

1,3-Dichloropropane

Concen: 4.933 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

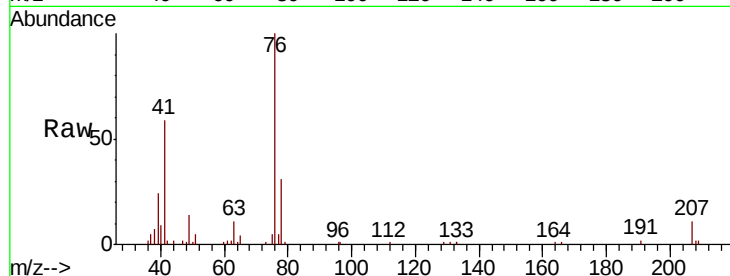
VSTDIC005

Tgt Ion: 76 Resp: 12425

Ion Ratio Lower Upper

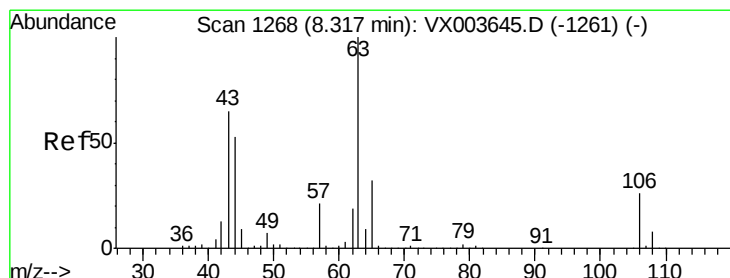
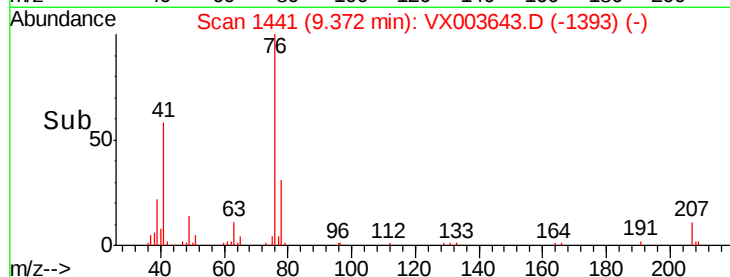
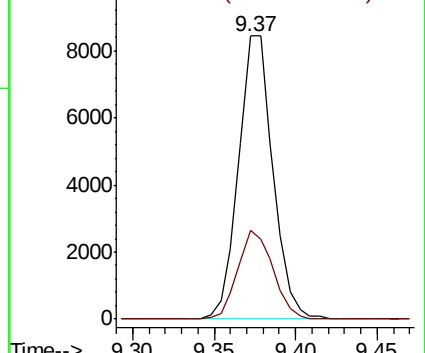
76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 23.566 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003643.D

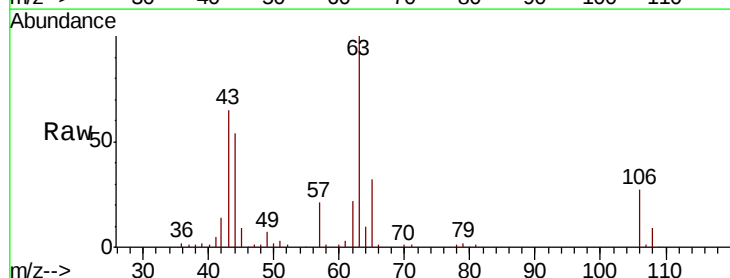
Acq: 24 Jul 2018 16:41

Tgt Ion: 63 Resp: 26433

Ion Ratio Lower Upper

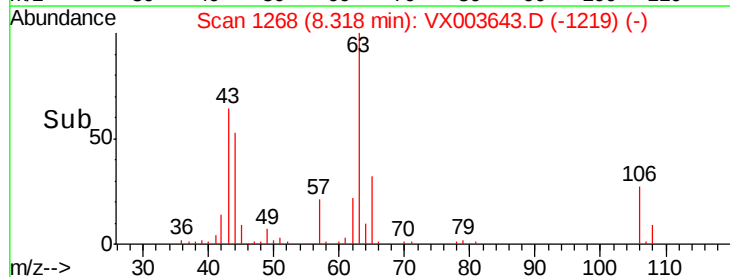
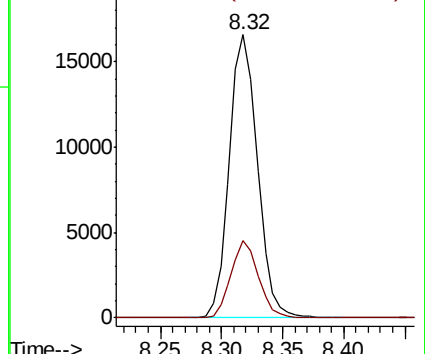
63 100

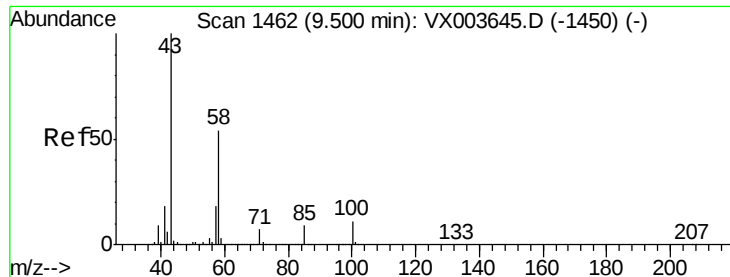
106 26.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

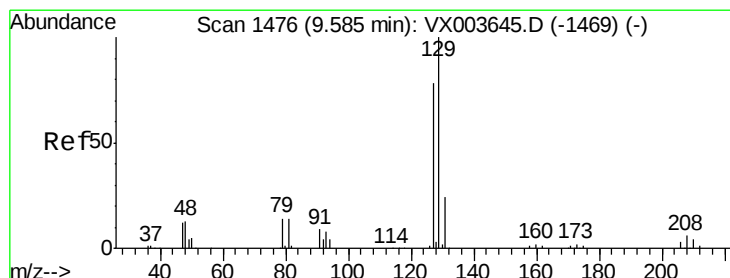
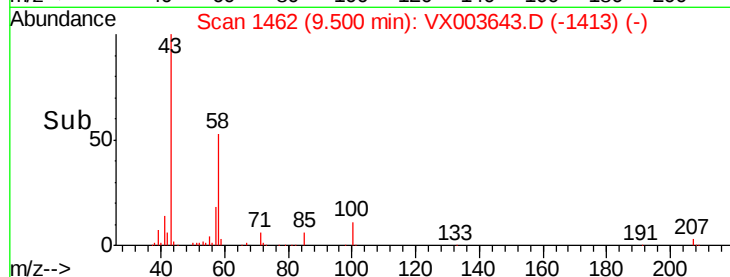
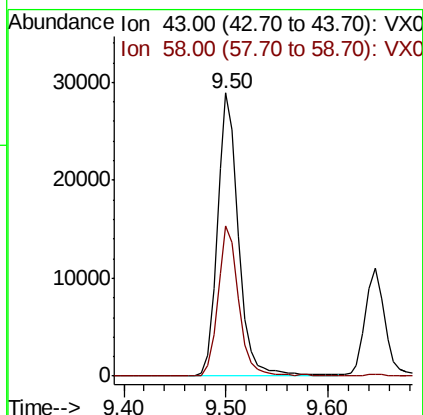
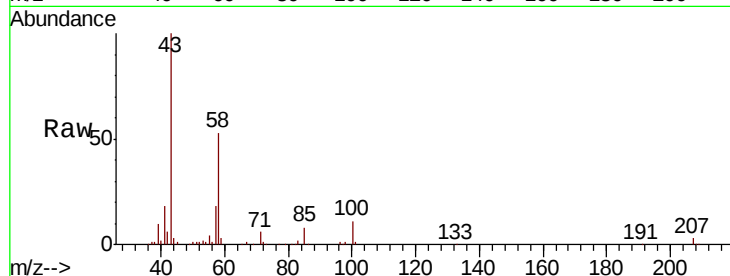




#59
2-Hexanone
Concen: 23.175 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

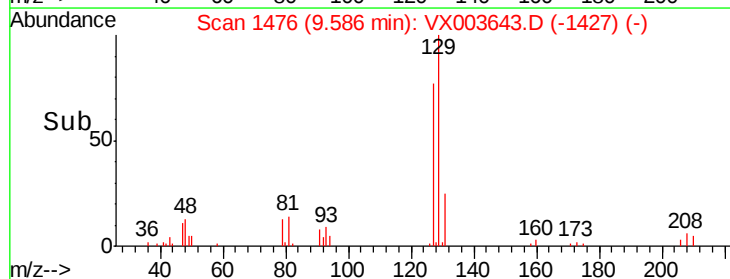
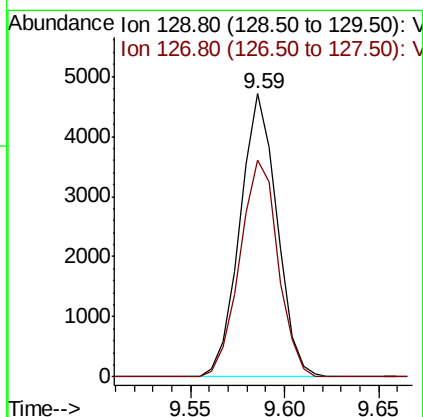
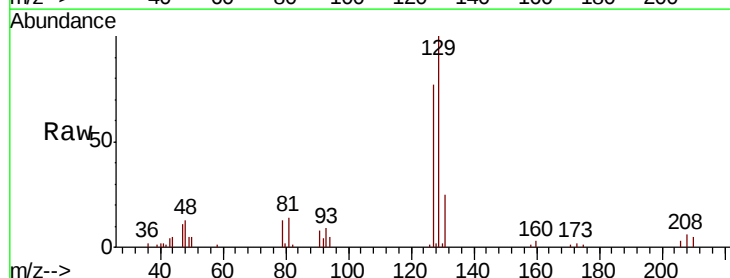
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

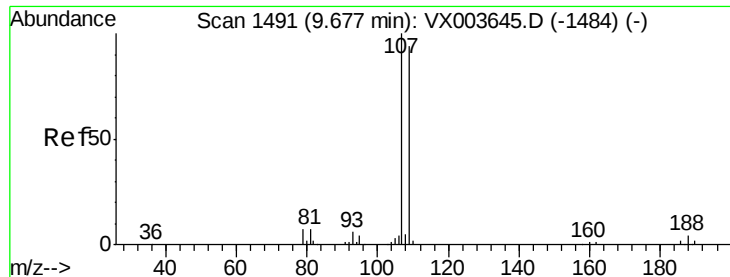
Tgt Ion: 43 Resp: 41973
Ion Ratio Lower Upper
43 100
58 52.2 27.3 81.9



#60
Dibromochloromethane
Concen: 4.513 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 129 Resp: 6420
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.857 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

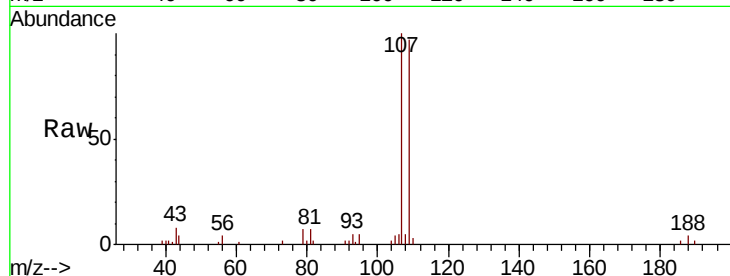
VSTDIC005

Tgt Ion: 107 Resp: 7586

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

6000

5000

4000

3000

2000

1000

0

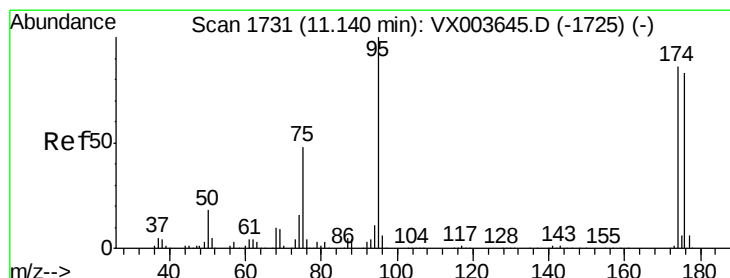
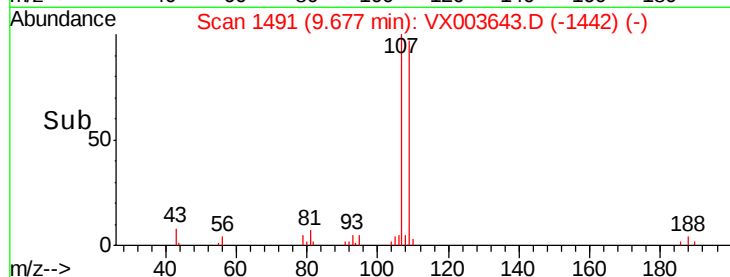
9.60

9.65

9.70

9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 4.577 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

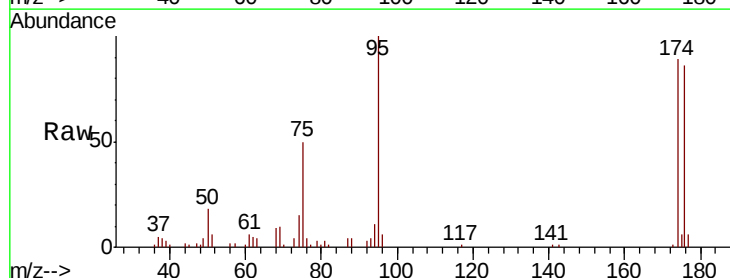
Tgt Ion: 95 Resp: 8888

Ion Ratio Lower Upper

95 100

174 88.4 0.0 179.0

176 88.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10000

8000

6000

4000

2000

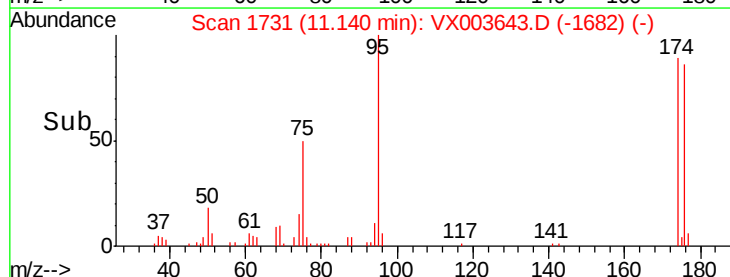
0

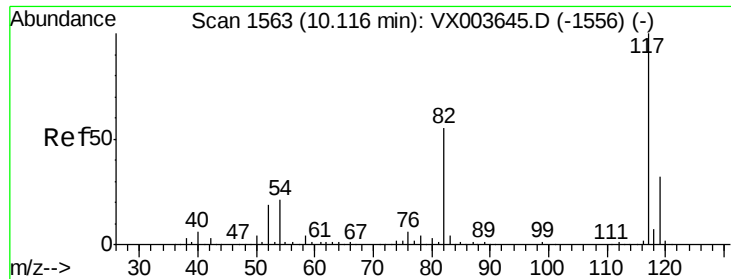
11.10

11.15

11.20

Time-->

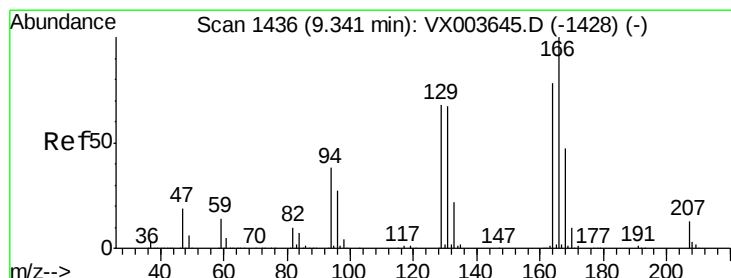
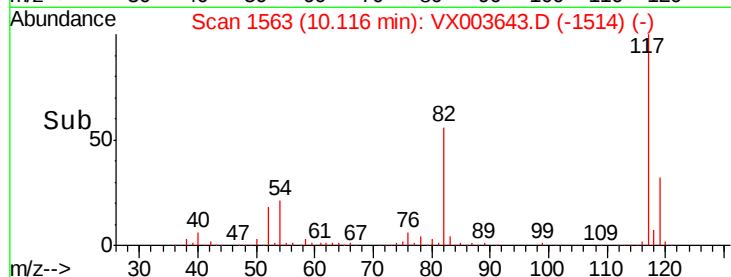
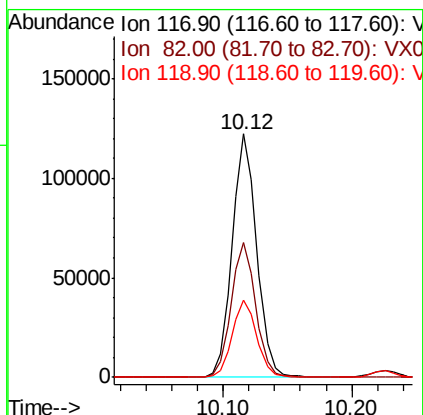
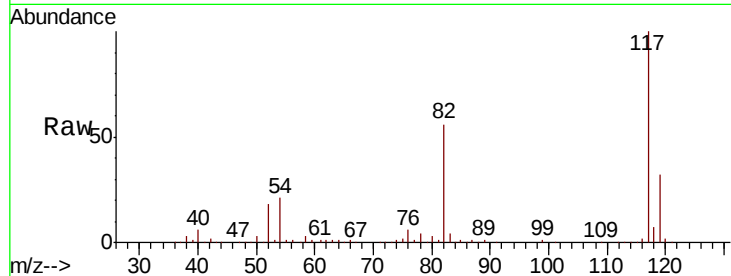




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

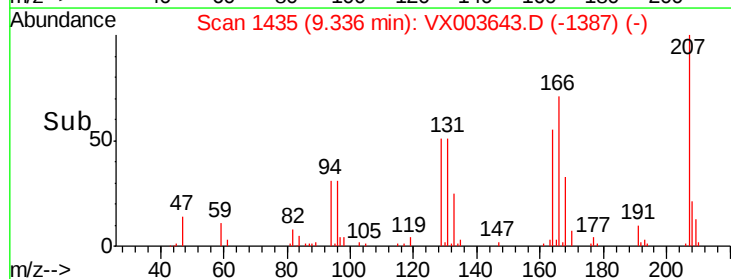
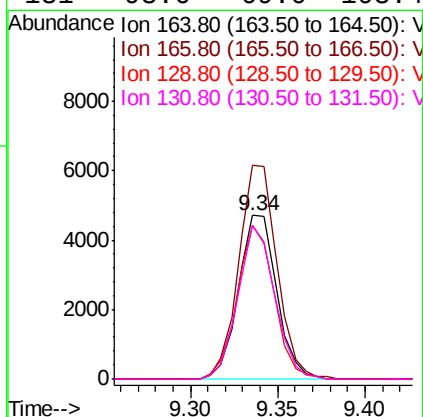
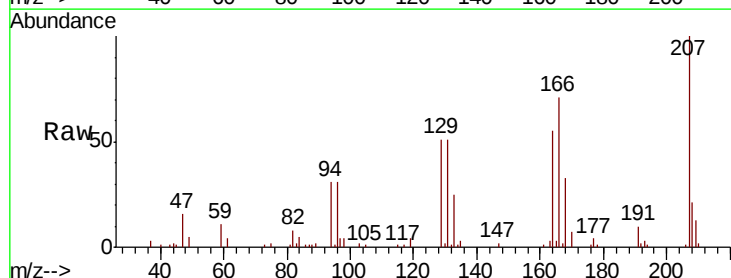
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

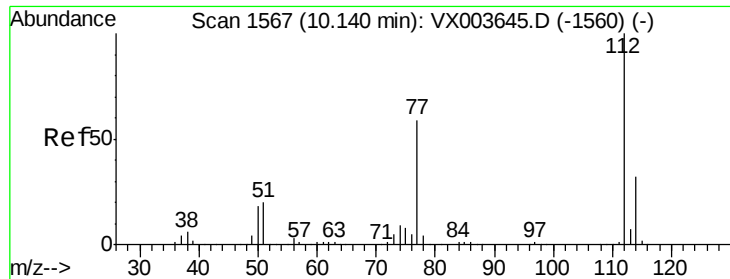
Tgt Ion:117 Resp: 162674
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 4.814 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion:164 Resp: 7160
Ion Ratio Lower Upper
164 100
166 130.4 102.4 153.6
129 93.8 69.6 104.4
131 93.6 69.0 103.4

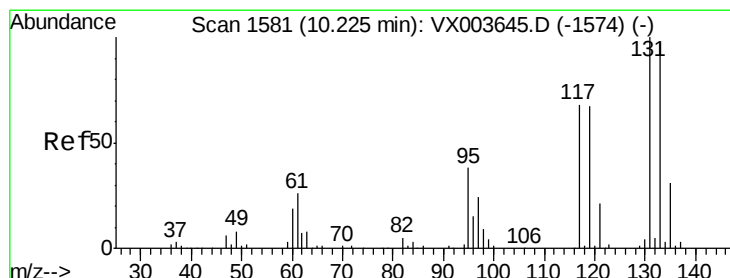
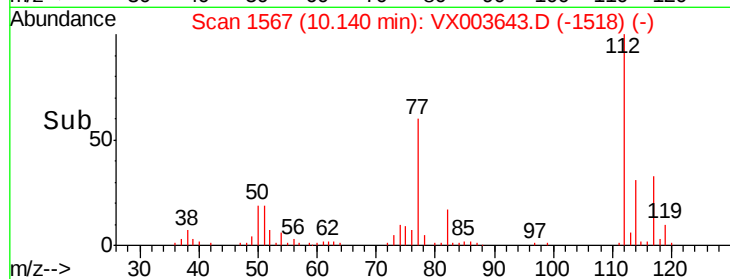
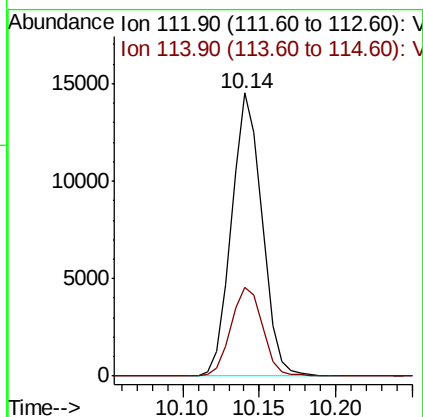
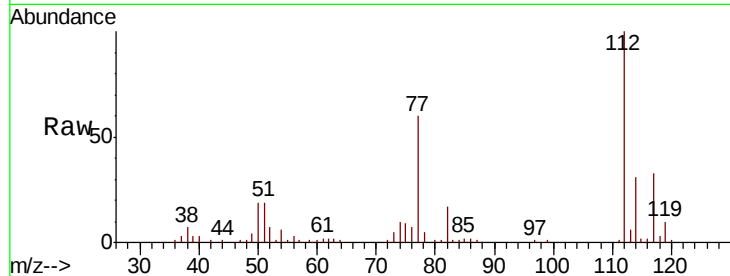




#65
Chlorobenzene
Concen: 4.904 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

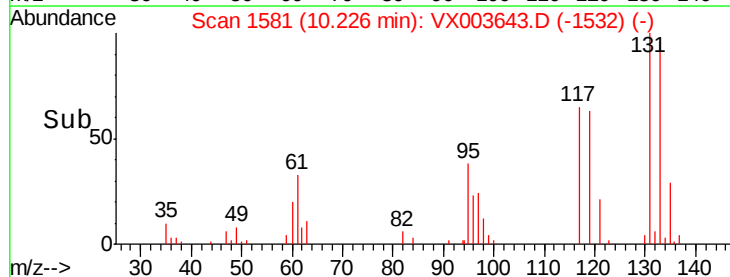
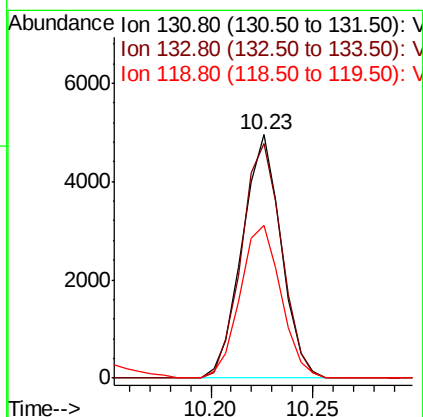
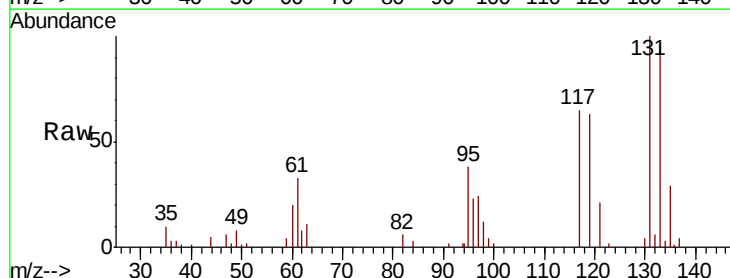
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

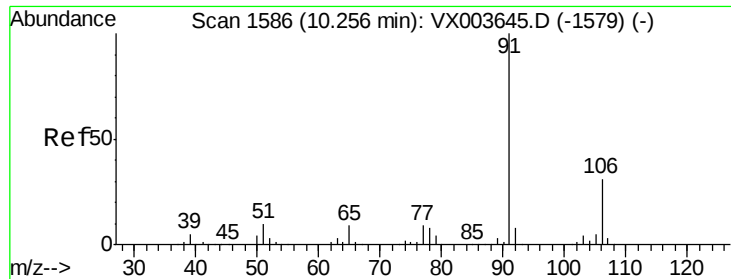
Tgt Ion:112 Resp: 20076
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.627 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion:131 Resp: 6585
Ion Ratio Lower Upper
131 100
133 99.1 47.6 142.8
119 65.7 32.8 98.4

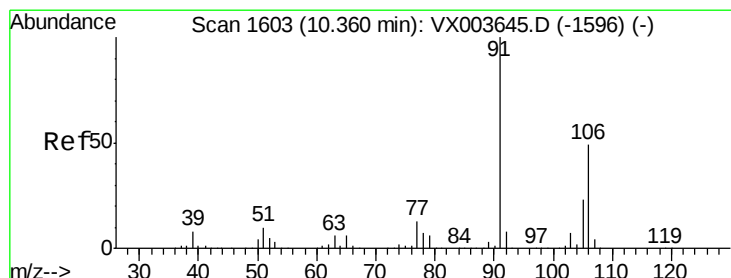
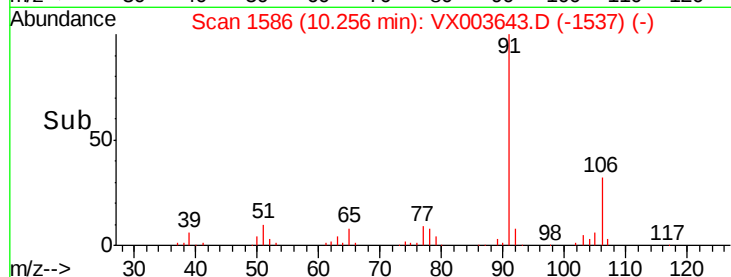
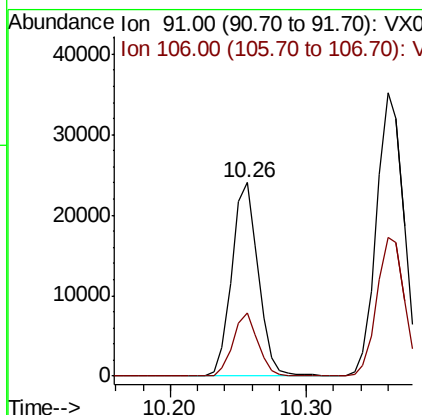
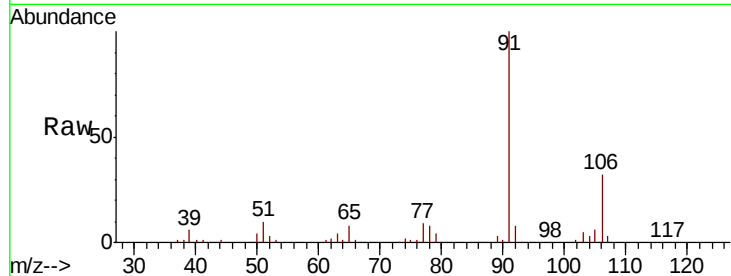




#67
Ethyl Benzene
Concen: 4.745 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

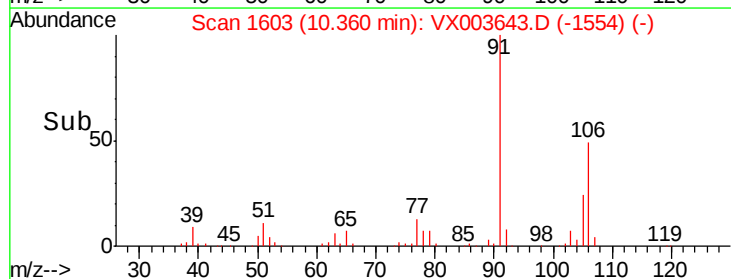
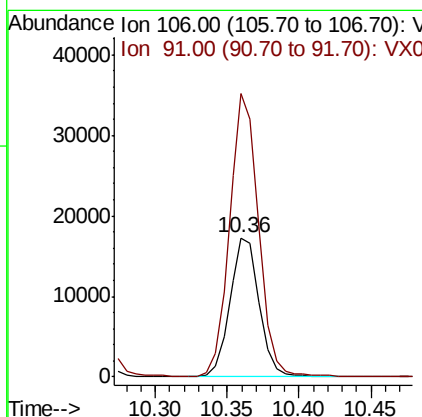
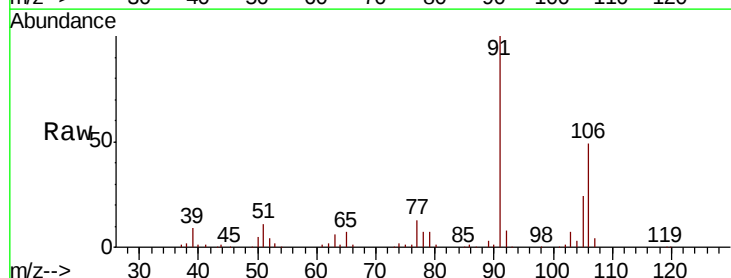
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

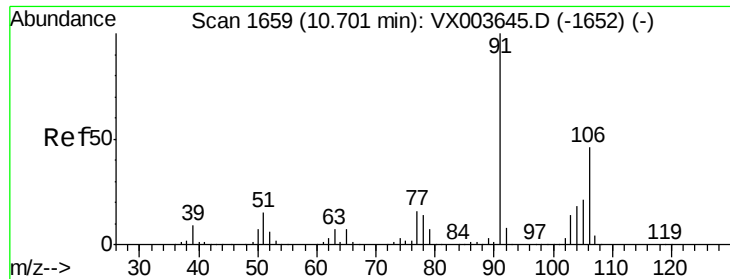
Tgt Ion: 91 Resp: 32517
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6



#68
m/p-Xylenes
Concen: 9.305 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 106 Resp: 24462
Ion Ratio Lower Upper
106 100
91 203.8 162.2 243.2

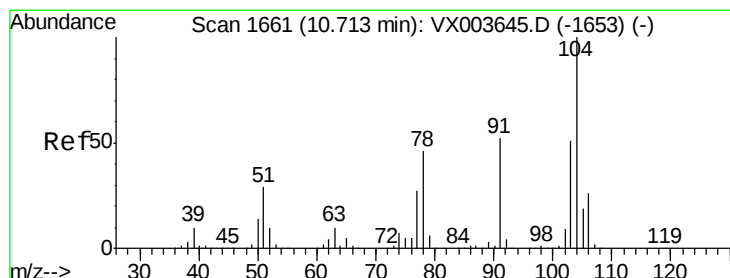
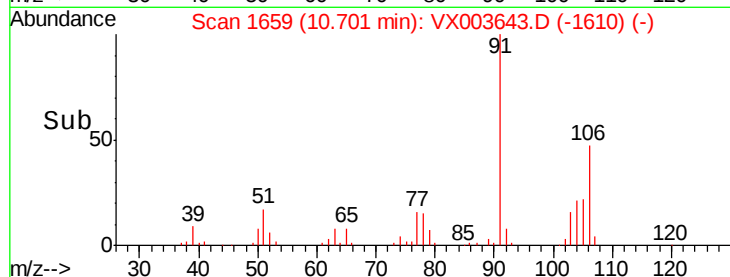
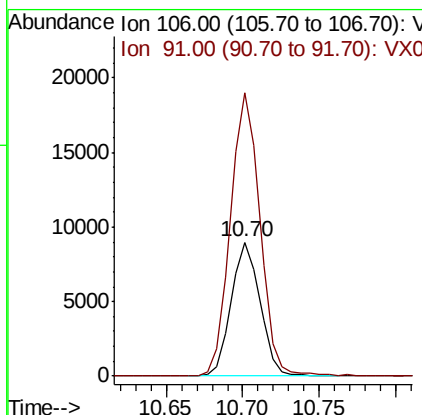
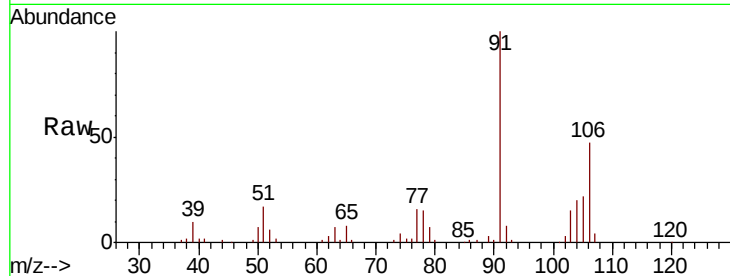




#69
o-Xylene
Concen: 4.647 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

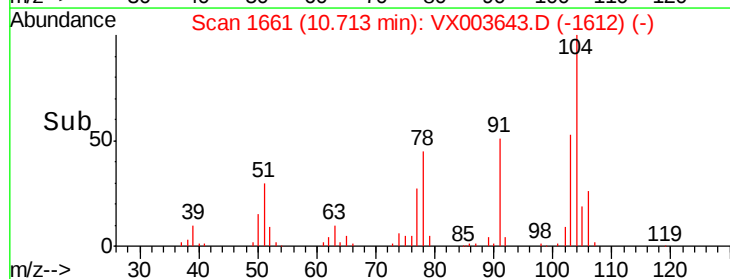
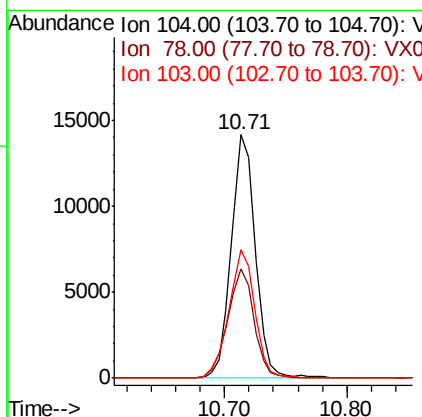
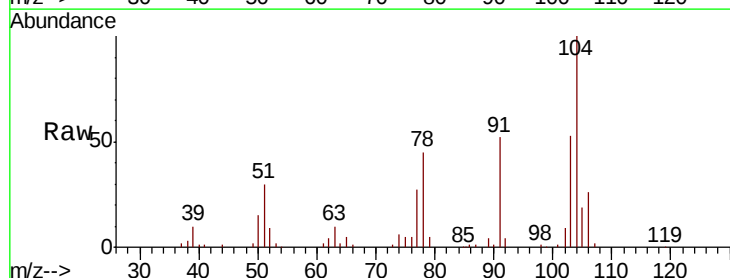
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 11761
Ion Ratio Lower Upper
106 100
91 216.9 107.1 321.1



#70
Styrene
Concen: 4.517 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion:104 Resp: 19202
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.2 44.2 66.4





#71

Bromoform

Concen: 4.186 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

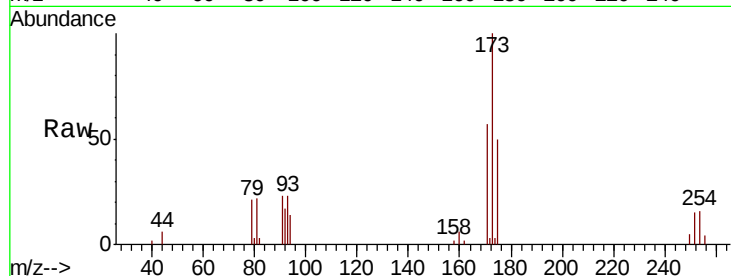
Tgt Ion:173 Resp: 4711

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

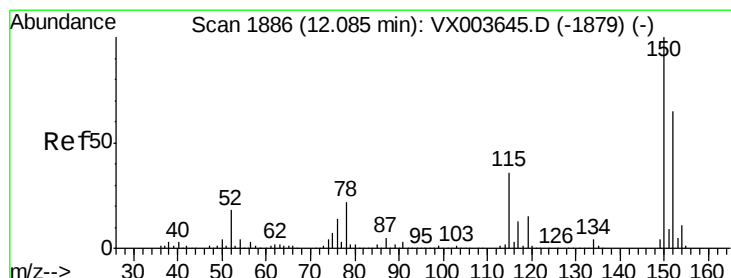
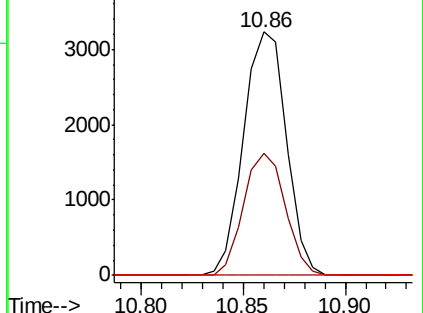
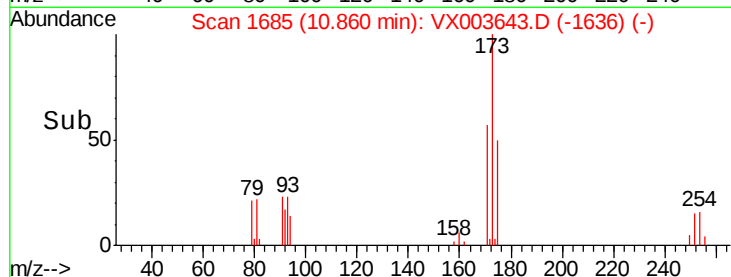
254 0.0 0.0 0.0



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. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

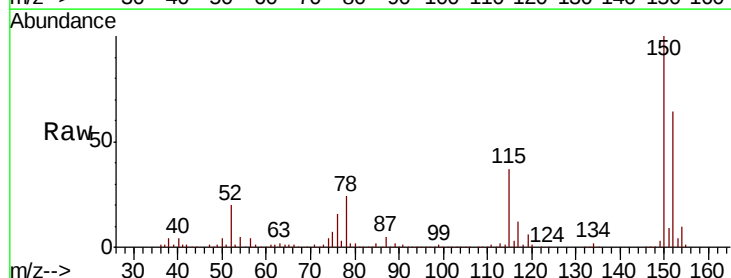
Tgt Ion:152 Resp: 93298

Ion Ratio Lower Upper

152 100

115 58.1 40.0 119.9

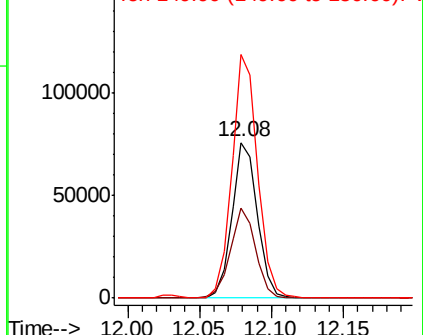
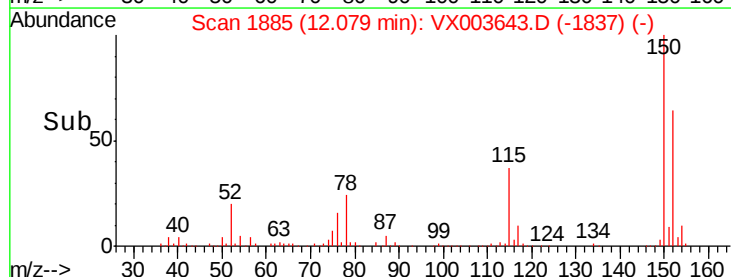
150 158.7 0.0 348.4

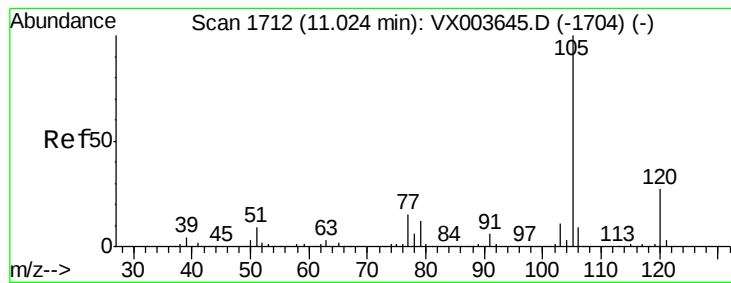


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.918 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampled :

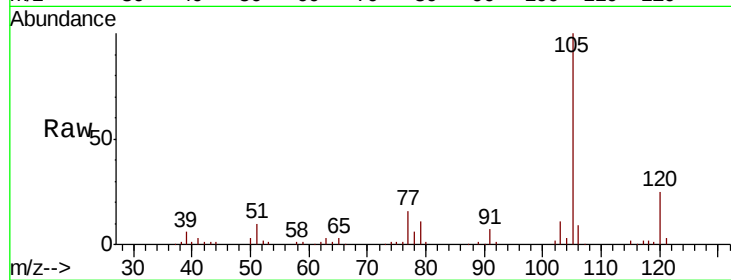
VSTDIC005

Tgt Ion: 105 Resp: 31352

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

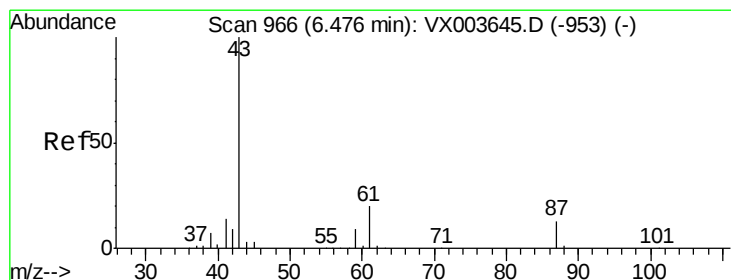
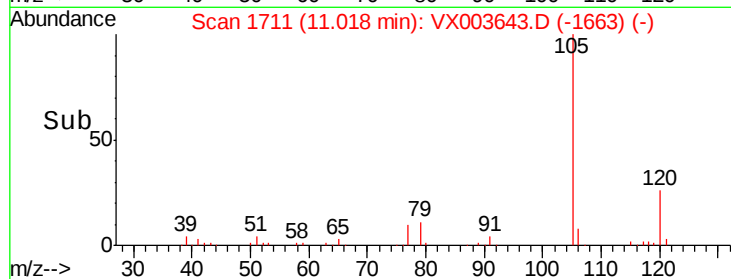
15000

10000

5000

0

Time--> 10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 5.085 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Tgt Ion: 43 Resp: 16906

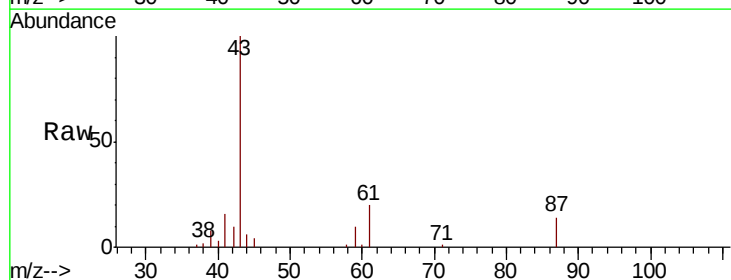
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.7 15.9 23.9



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

10000

8000

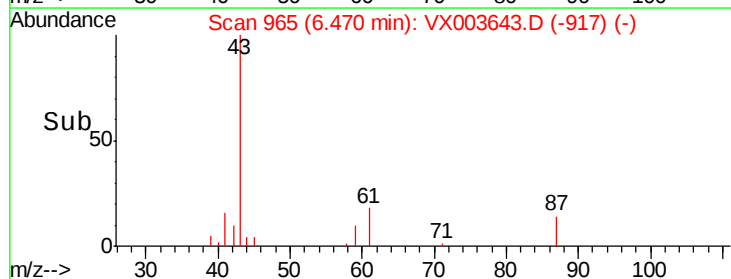
6000

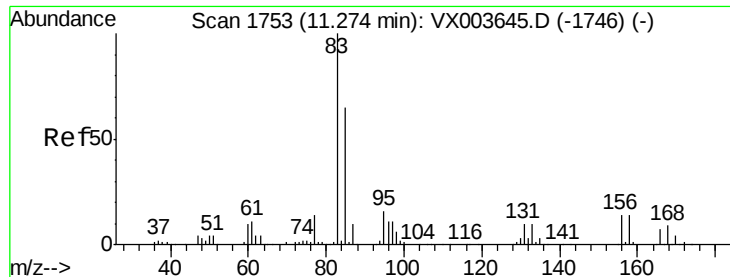
4000

2000

0

Time--> 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 5.187 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

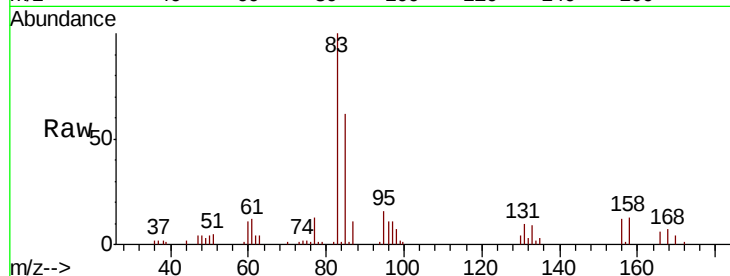
Tgt Ion: 83 Resp: 12209

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

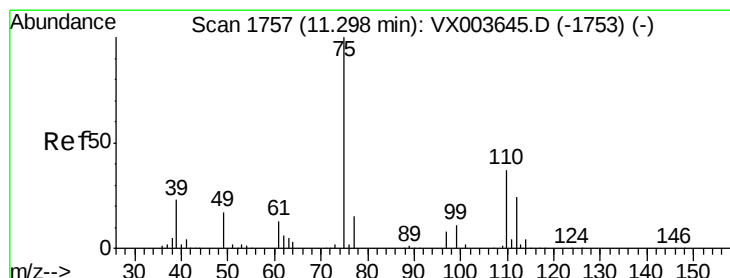
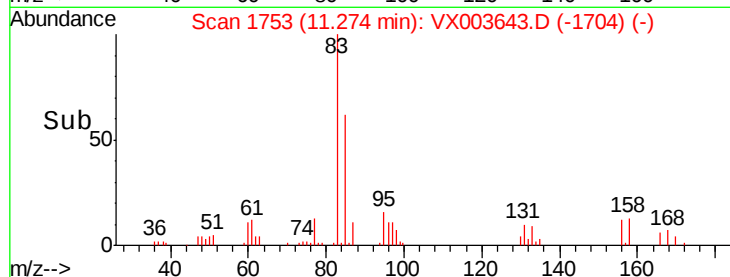
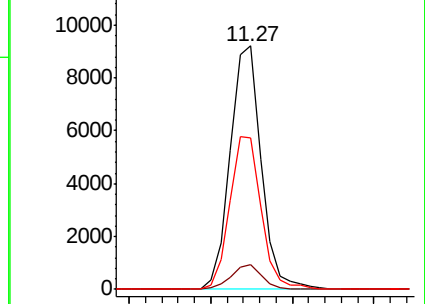
85 63.4 31.9 95.9



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: 6.492 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003643.D

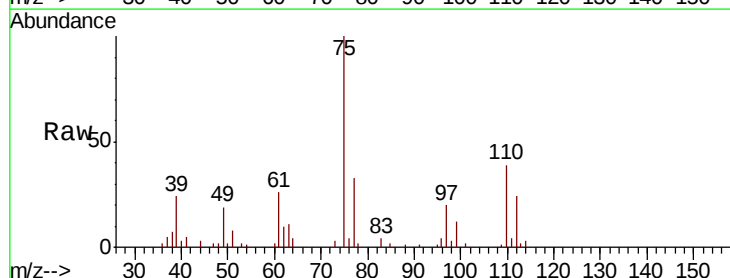
Acq: 24 Jul 2018 16:41

Tgt Ion: 75 Resp: 12705

Ion Ratio Lower Upper

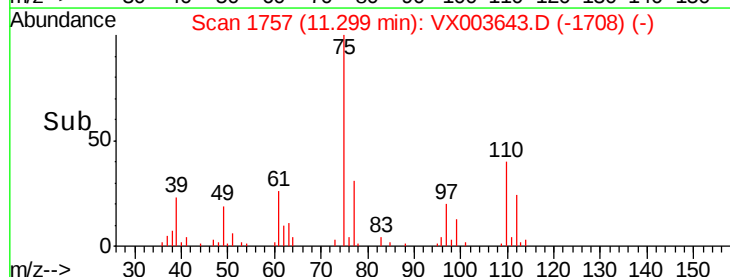
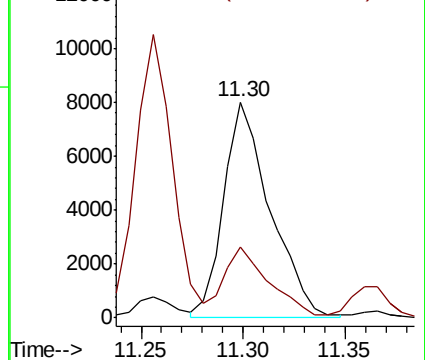
75 100

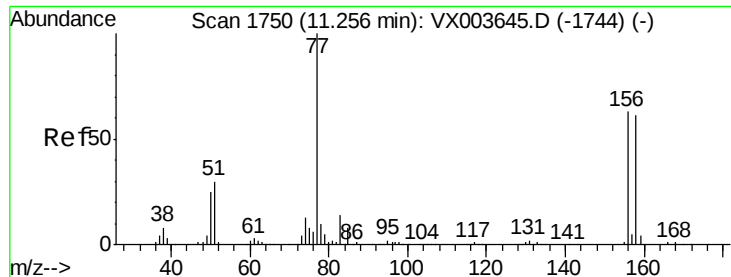
77 32.4 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.927 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

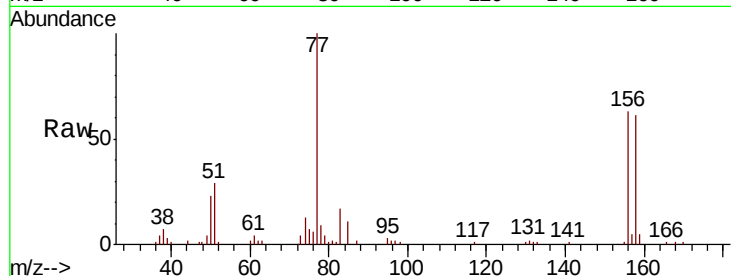
Tgt Ion:156 Resp: 8531

Ion Ratio Lower Upper

156 100

77 154.6 74.9 224.6

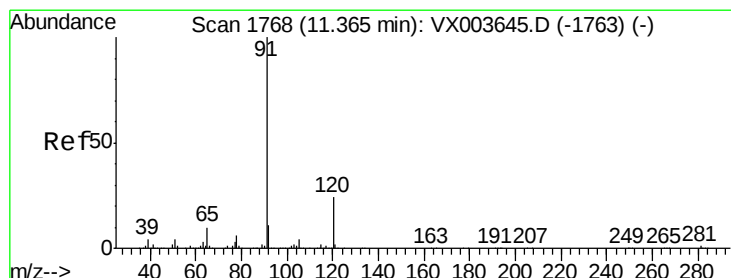
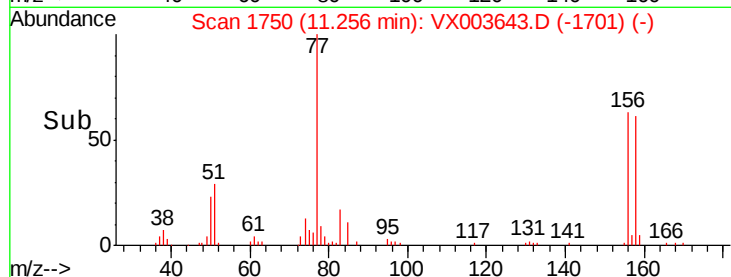
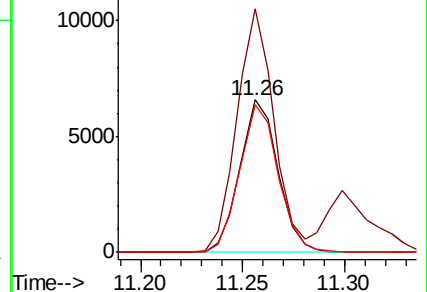
158 97.8 48.4 145.2



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: 4.767 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003643.D

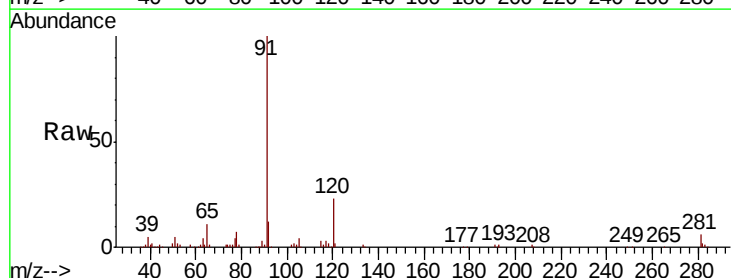
Acq: 24 Jul 2018 16:41

Tgt Ion: 91 Resp: 35084

Ion Ratio Lower Upper

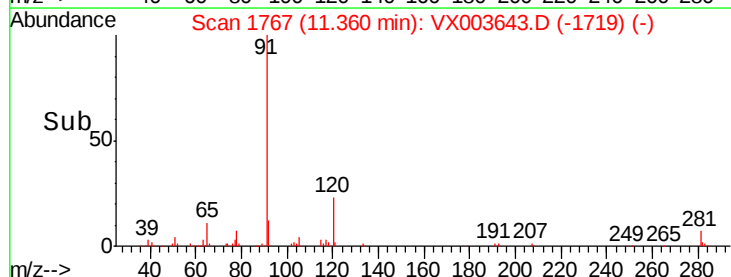
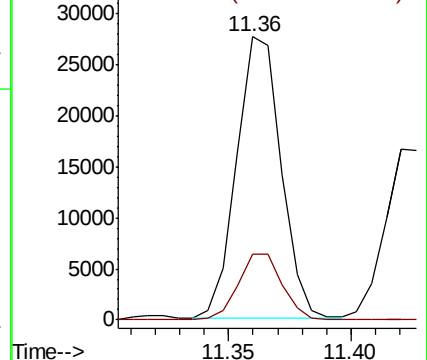
91 100

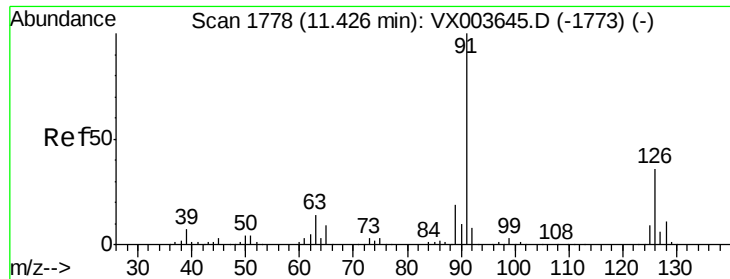
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

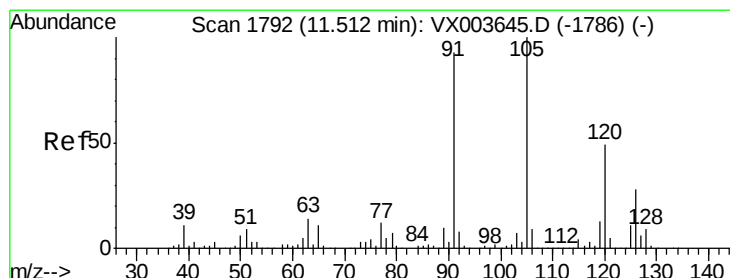
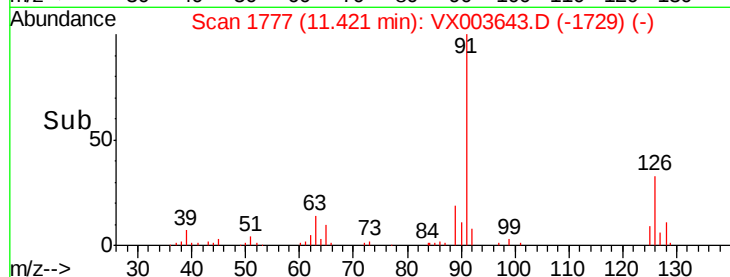
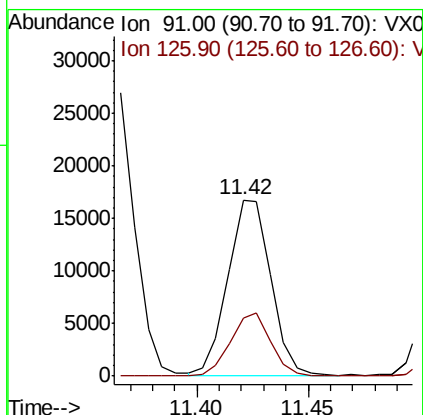
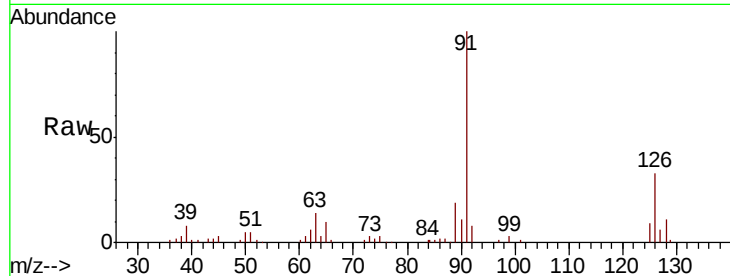




#79
2-Chlorotoluene
Concen: 4.979 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

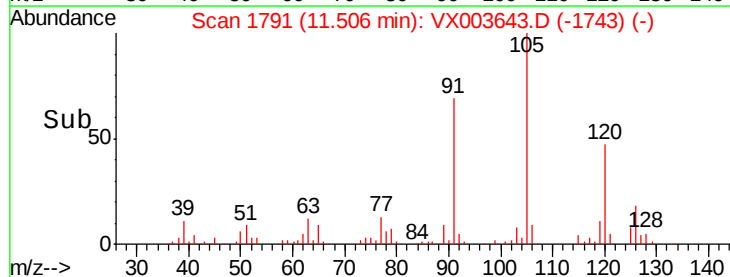
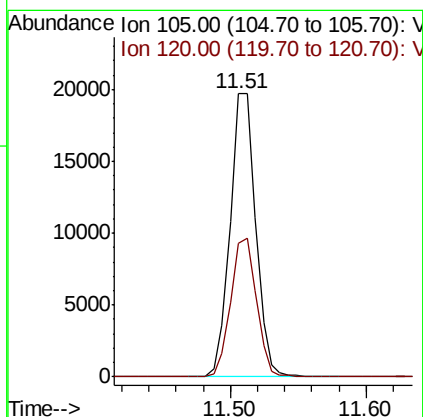
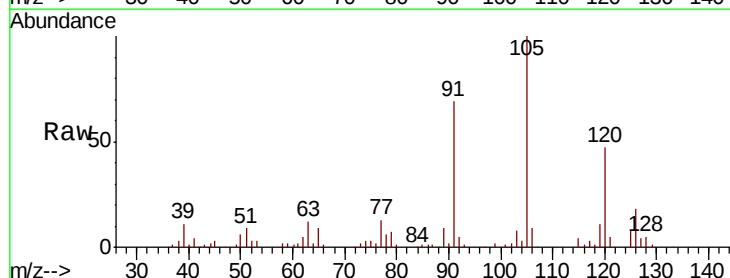
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

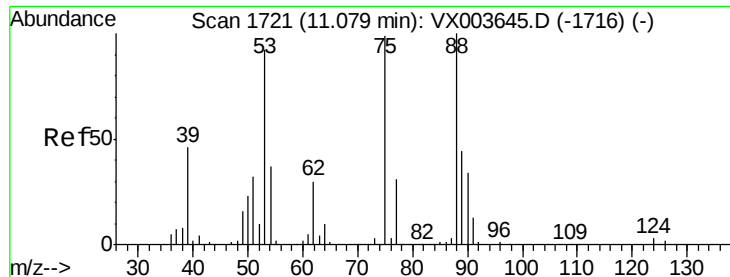
Tgt Ion: 91 Resp: 22275
Ion Ratio Lower Upper
91 100
126 34.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 4.805 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion: 105 Resp: 25916
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.199 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

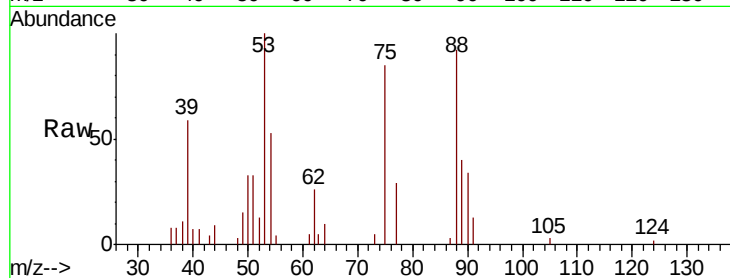
Tgt Ion: 75 Resp: 2652

Ion Ratio Lower Upper

75 100

53 117.4 77.8 116.8#

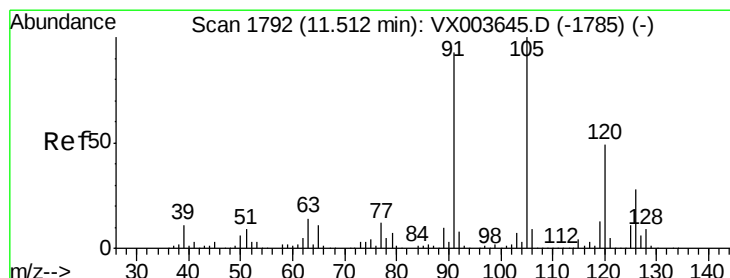
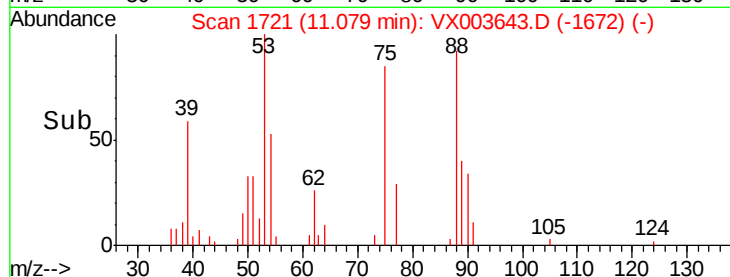
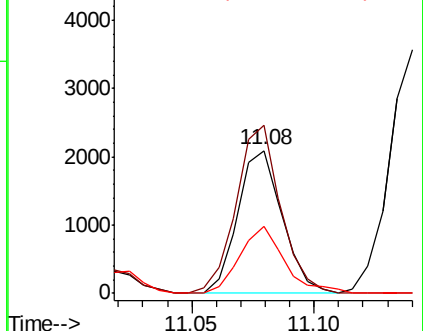
89 47.0 36.6 54.8



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: 4.896 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003643.D

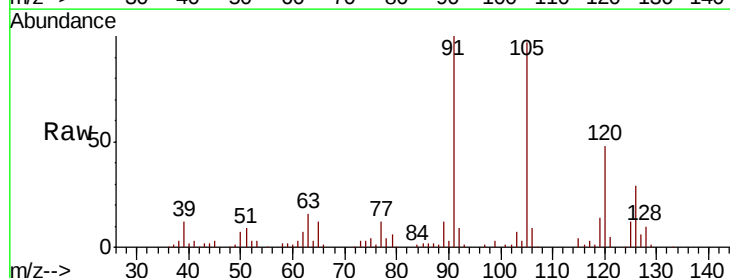
Acq: 24 Jul 2018 16:41

Tgt Ion: 91 Resp: 25802

Ion Ratio Lower Upper

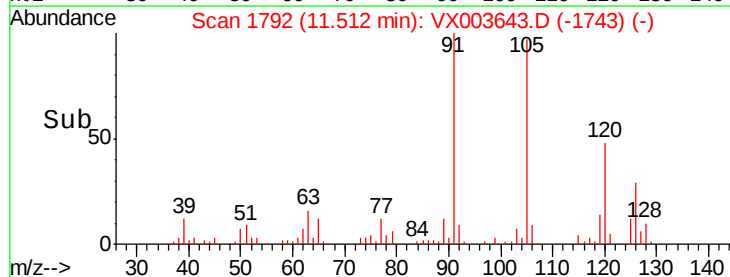
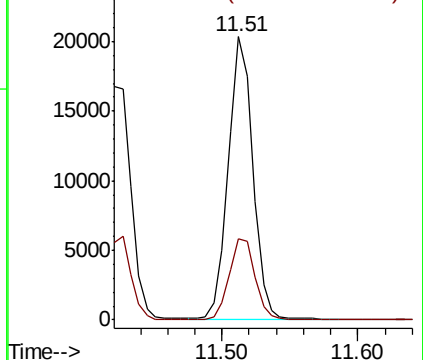
91 100

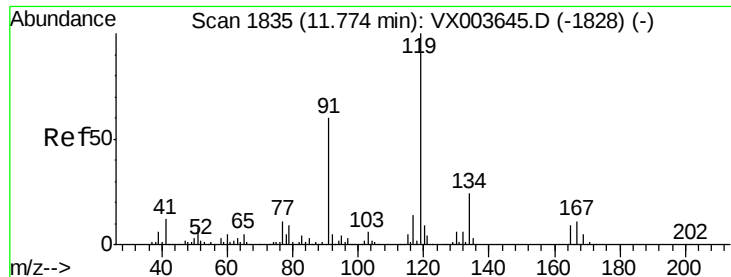
126 29.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

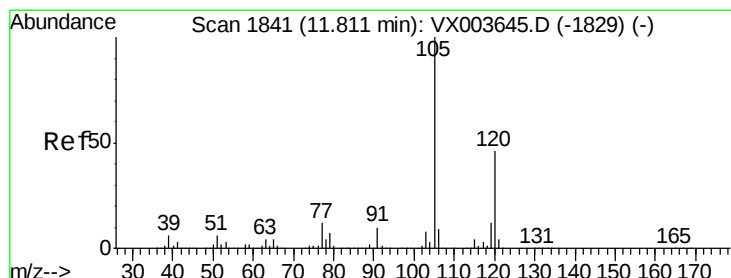
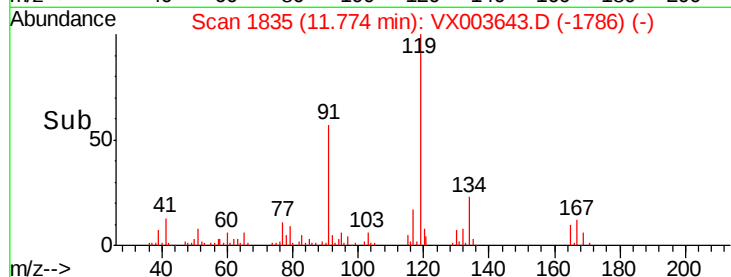
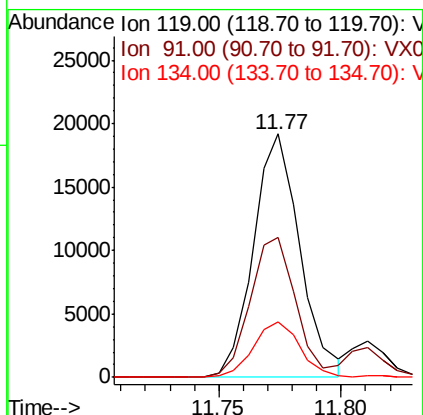
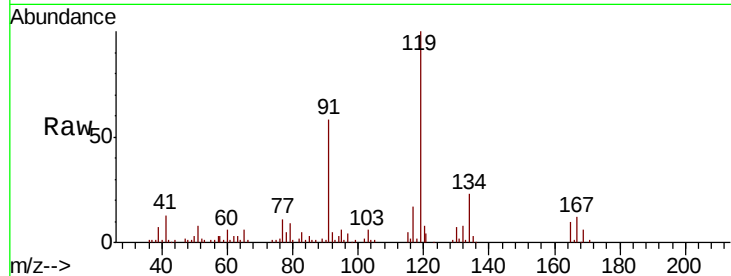




#83
 tert-Butylbenzene
 Concen: 4.818 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

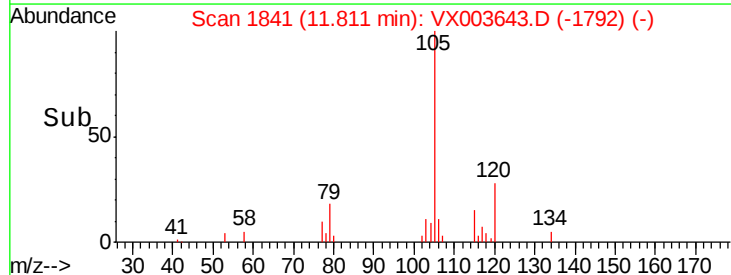
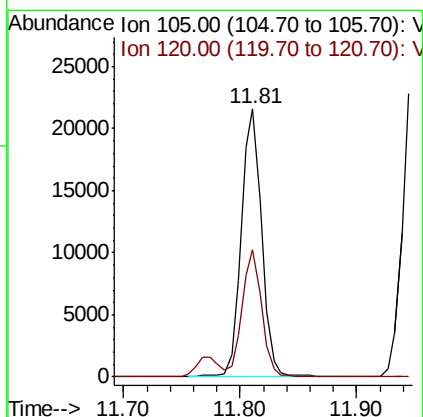
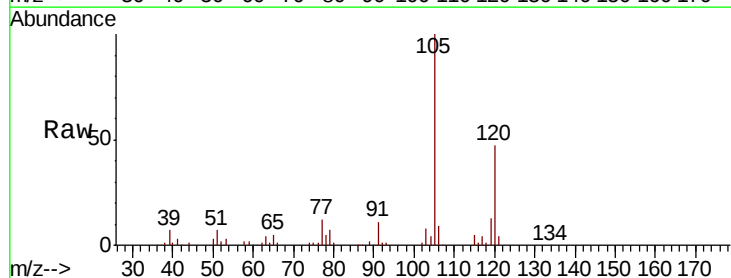
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

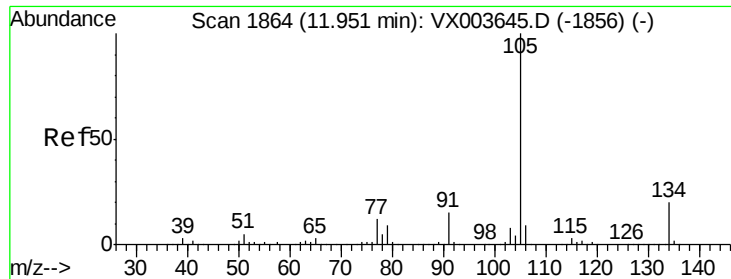
Tgt Ion:119 Resp: 25423
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.4 85.2
 134 22.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.769 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion:105 Resp: 26433
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8

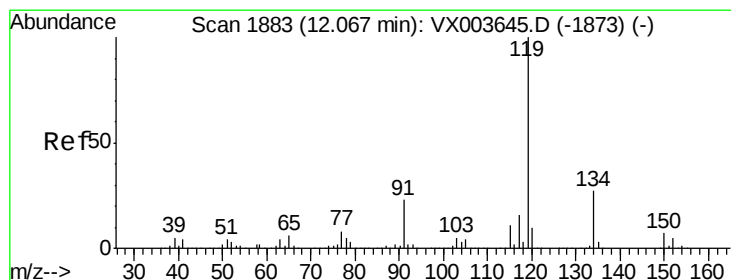
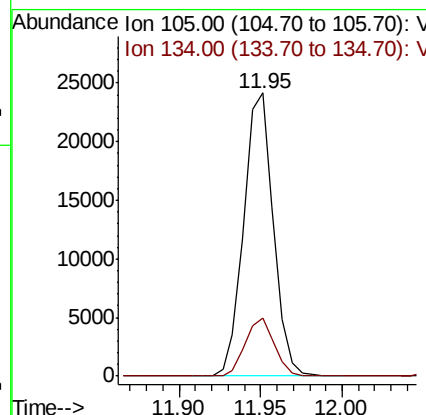
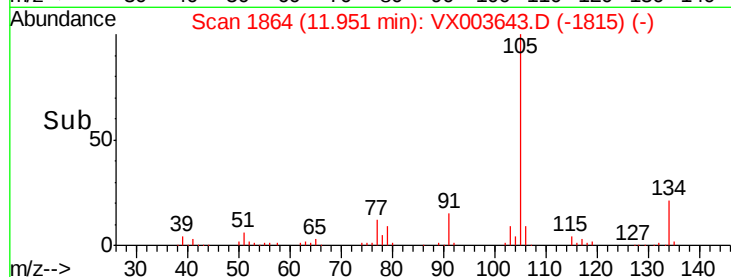
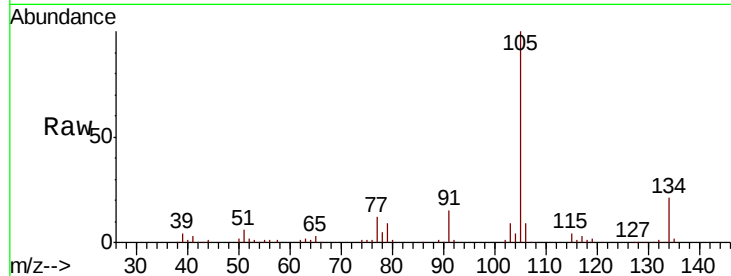




#85
 sec-Butylbenzene
 Concen: 4.862 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

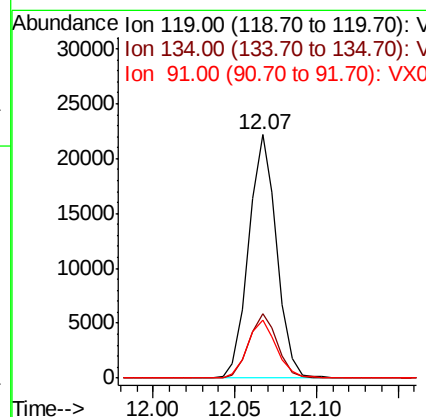
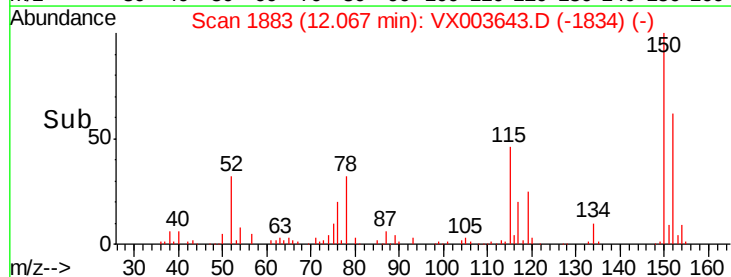
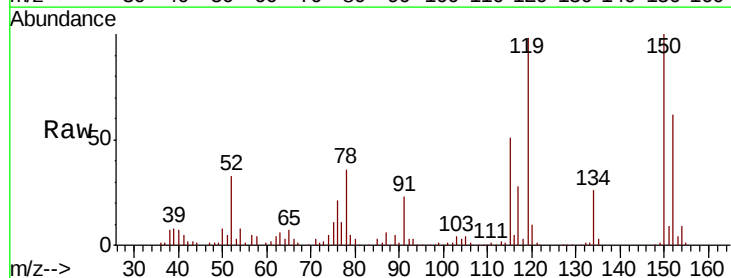
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

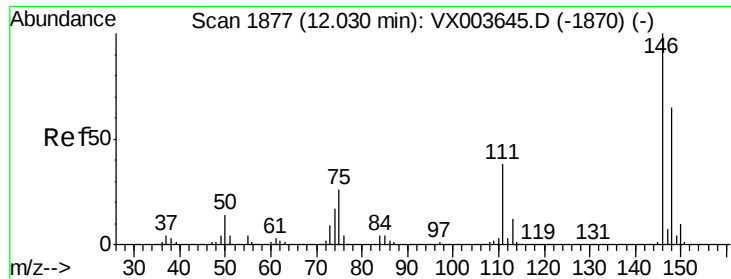
Tgt Ion:105 Resp: 30626
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.682 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion:119 Resp: 26469
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 24.7 11.5 34.5

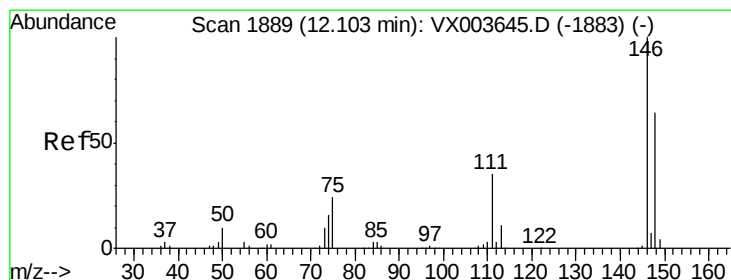
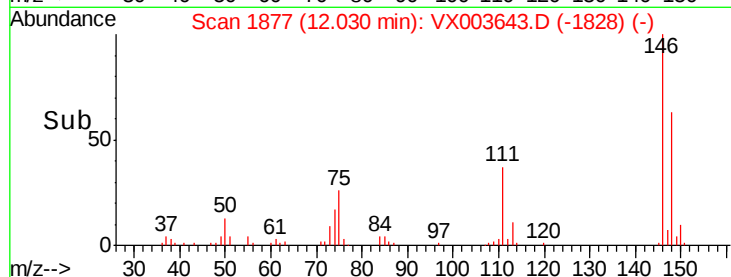
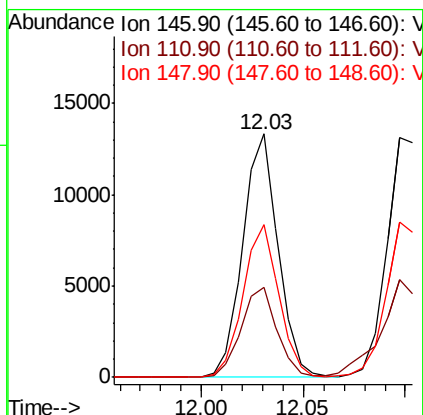
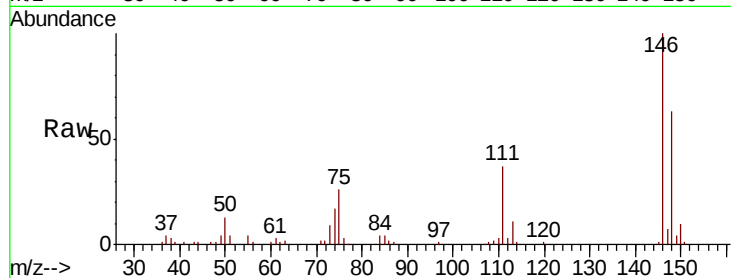




#87
 1,3-Dichlorobenzene
 Concen: 4.977 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

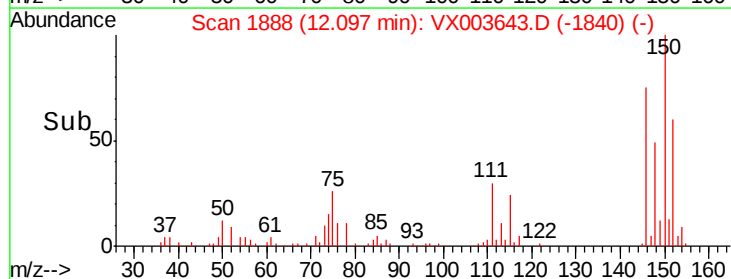
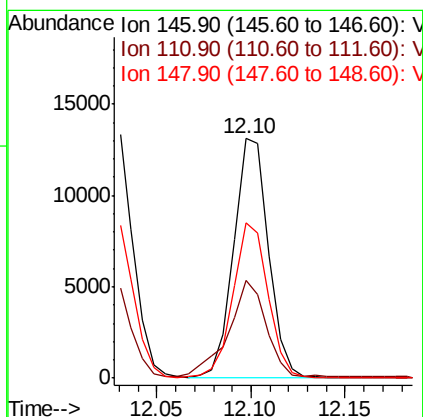
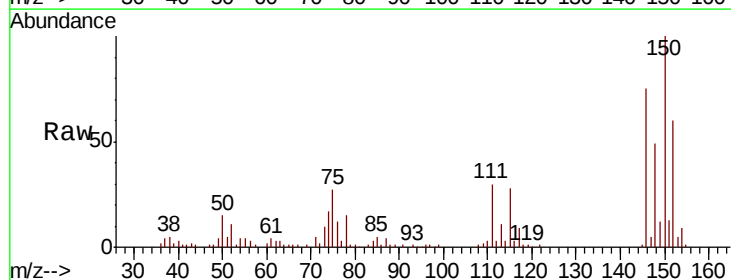
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

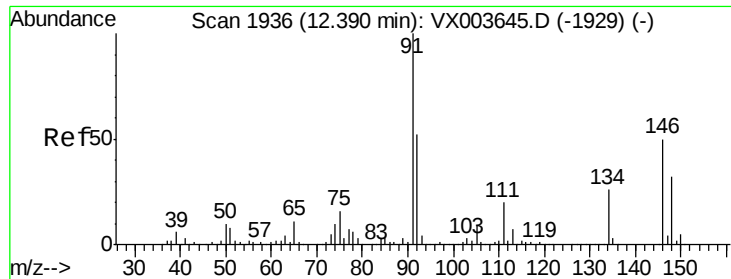
Tgt Ion:146 Resp: 16049
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.2
 148 63.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 5.036 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion:146 Resp: 16881
 Ion Ratio Lower Upper
 146 100
 111 46.4 18.6 55.6
 148 65.3 32.0 96.2





#89

n-Butylbenzene

Concen: 4.572 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003643.D

Acq: 24 Jul 2018 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

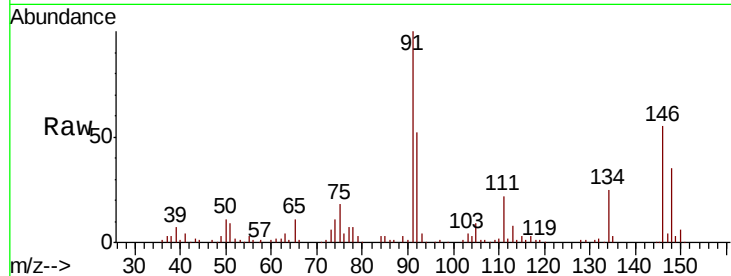
Tgt Ion: 91 Resp: 23295

Ion Ratio Lower Upper

91 100

92 50.8 26.3 78.9

134 25.9 13.3 39.8

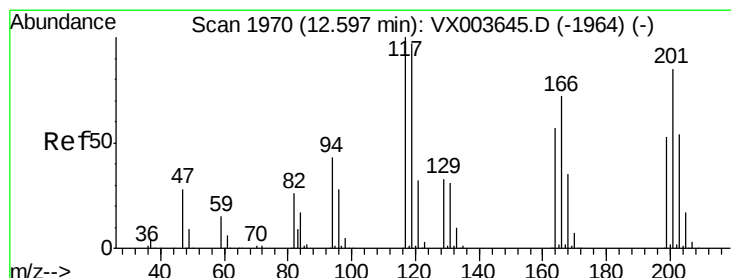
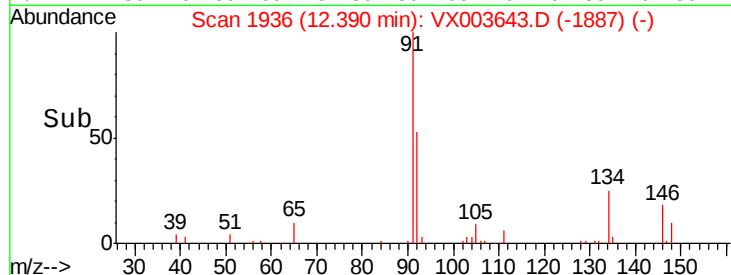


Abundance Ion 91.00 (90.70 to 91.70): VX003643.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003643.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003643.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 4.537 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003643.D

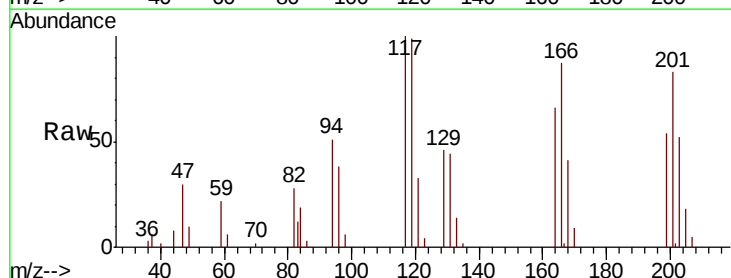
Acq: 24 Jul 2018 16:41

Tgt Ion: 117 Resp: 3884

Ion Ratio Lower Upper

117 100

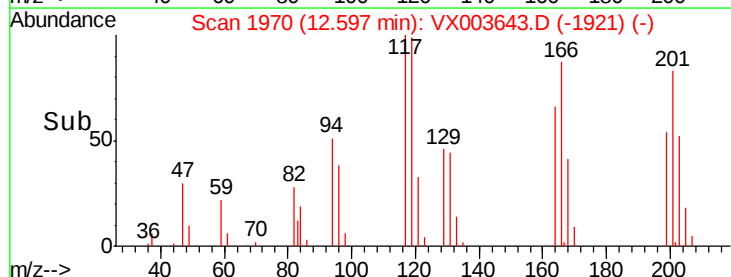
201 88.7 46.2 138.5

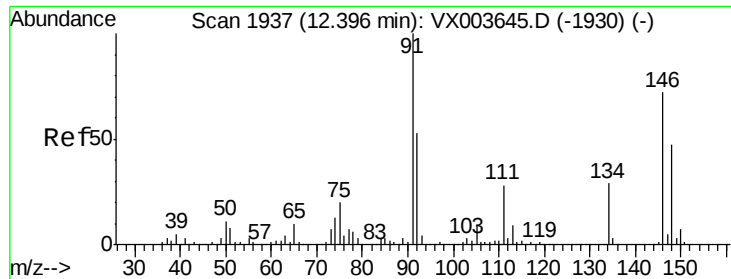


Abundance Ion 116.80 (116.50 to 117.50): VX003643.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003643.D (-1964) (-)

Time-->

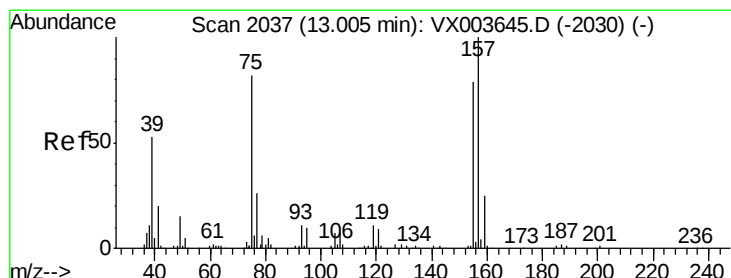
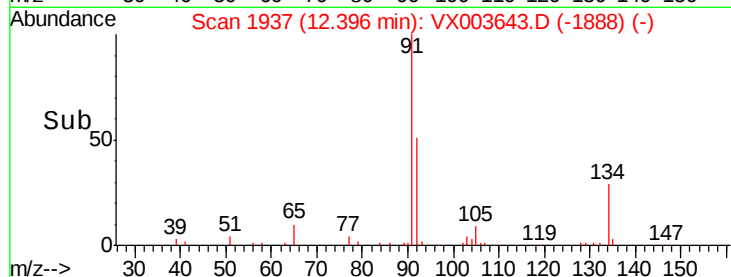
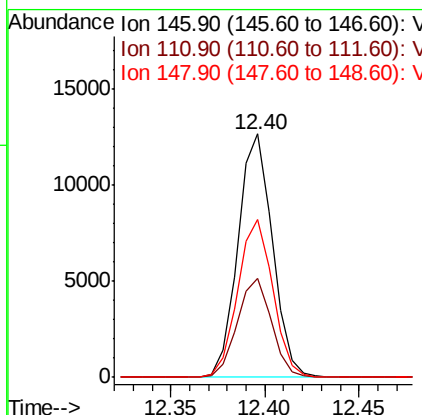
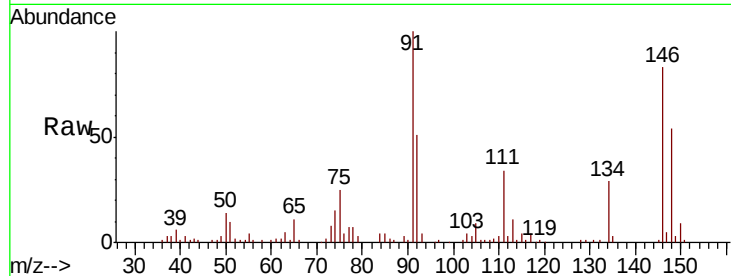




#91
 1,2-Dichlorobenzene
 Concen: 4.858 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

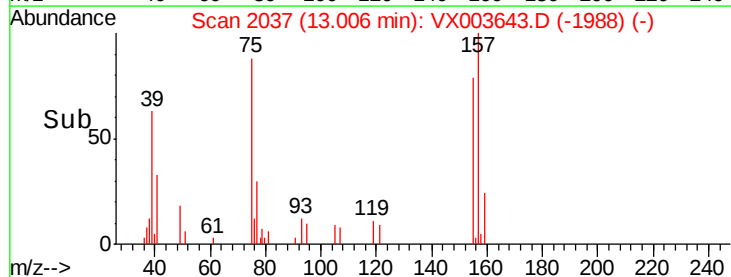
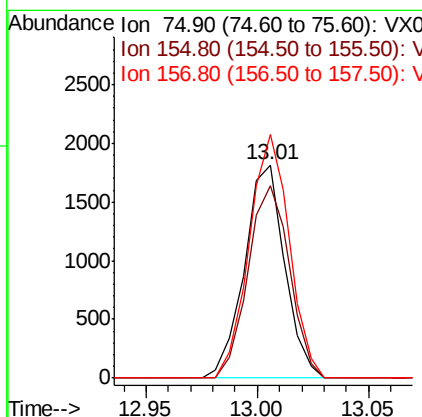
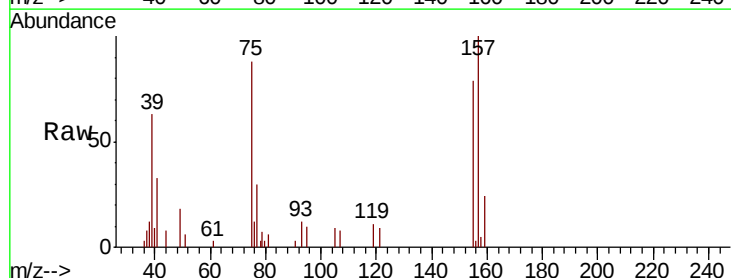
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

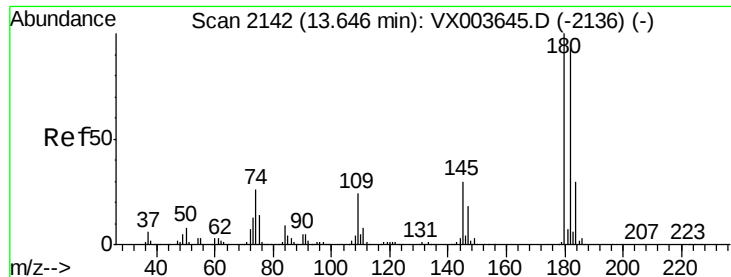
Tgt Ion: 146 Resp: 16005
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.8 59.4
 148 66.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.690 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion: 75 Resp: 2298
 Ion Ratio Lower Upper
 75 100
 155 92.6 46.1 138.3
 157 113.2 59.7 179.0

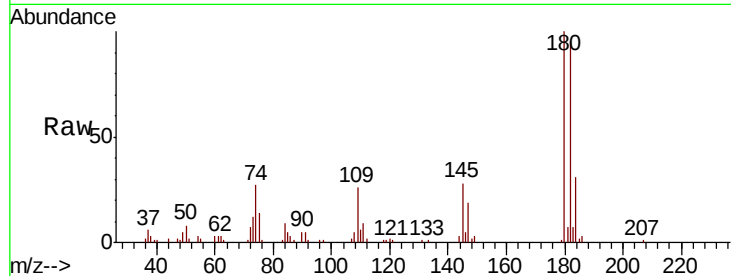




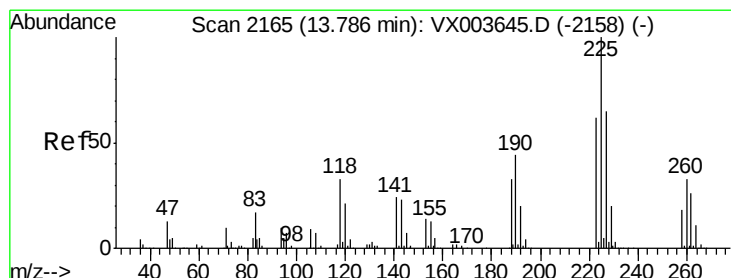
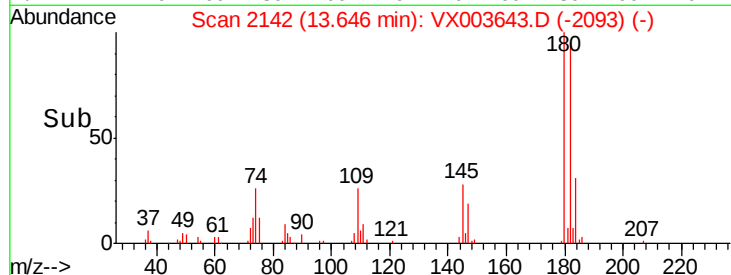
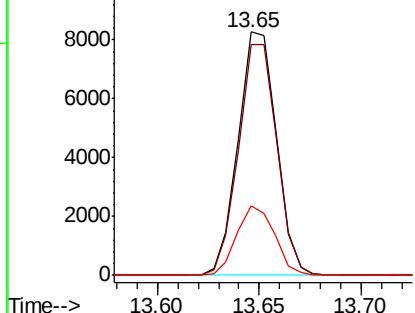
#93
 1,2,4-Trichlorobenzene
 Concen: 4.598 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 10809
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.8
 145 28.0 14.4 43.2

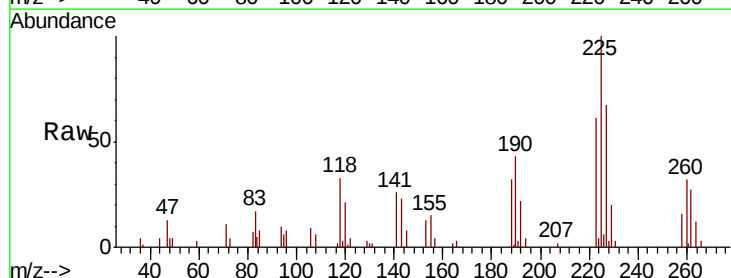


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

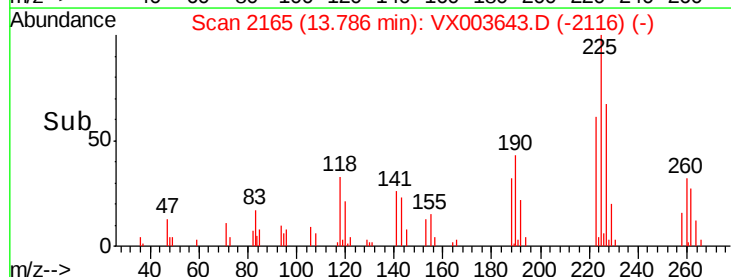
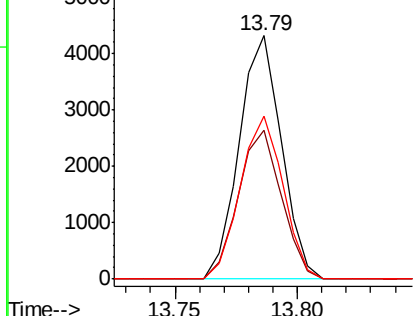


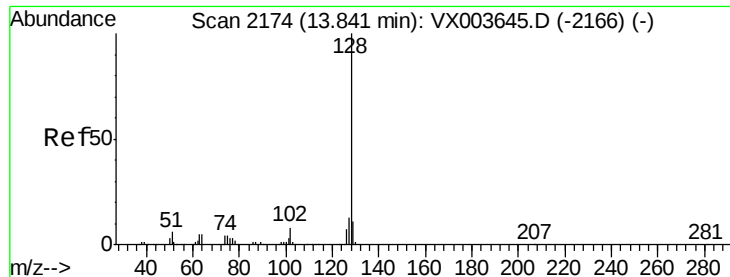
#94
 Hexachlorobutadiene
 Concen: 4.778 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003643.D
 Acq: 24 Jul 2018 16:41

Tgt Ion:225 Resp: 5196
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.9 92.5
 227 67.9 31.9 95.7



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

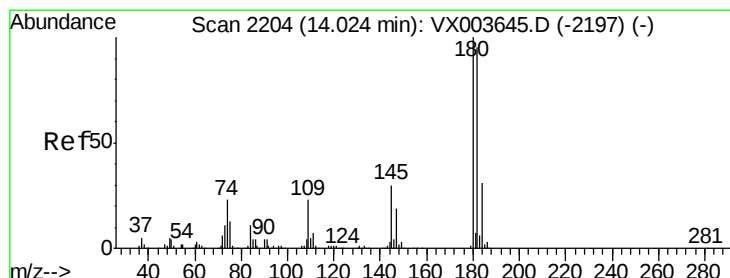
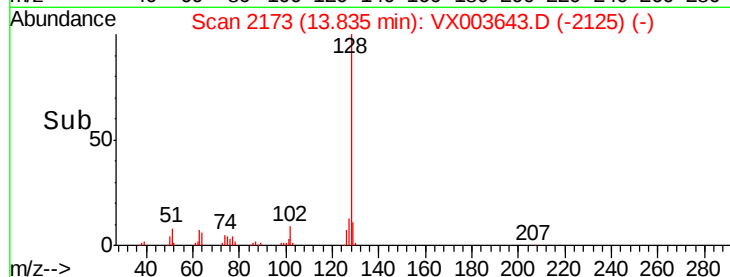
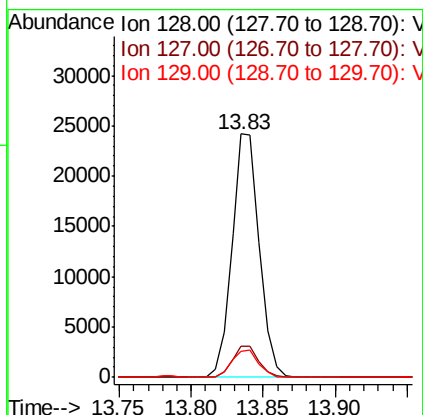
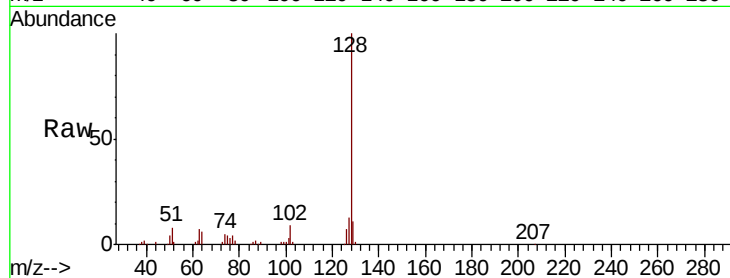




#95
Naphthalene
Concen: 4.507 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 32040
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.744 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003643.D
Acq: 24 Jul 2018 16:41

Tgt Ion:180 Resp: 11328
Ion Ratio Lower Upper
180 100
182 97.3 47.6 142.8
145 30.1 15.0 45.1

