

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004859.D
 Acq On : 01 Oct 2018 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 02:35:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155273	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
35) Dibromofluoromethane	5.50	113	126849	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	8.71	98	484475	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	182286	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181185	55.742	ug/l	97
3) Chloromethane	1.32	50	192295	48.762	ug/l	100
4) Vinyl Chloride	1.40	62	188293	50.909	ug/l	98
5) Bromomethane	1.64	94	140034	63.847	ug/l	99
6) Chloroethane	1.71	64	106790	53.125	ug/l	98
7) Trichlorofluoromethane	1.92	101	242677	52.999	ug/l	96
8) Diethyl Ether	2.19	74	94651	47.582	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140477	53.858	ug/l	98
10) Methyl Iodide	2.51	142	128838	36.914	ug/l	99
11) Tert butyl alcohol	3.07	59	214825	225.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127670	49.426	ug/l	96
13) Acrolein	2.29	56	103099	152.180	ug/l	96
14) Allyl chloride	2.73	41	286035	50.751	ug/l	96
15) Acrylonitrile	3.15	53	494676	235.994	ug/l	99
16) Acetone	2.45	43	506591	254.804	ug/l	96
17) Carbon Disulfide	2.57	76	379178	48.852	ug/l	100
18) Methyl Acetate	2.78	43	254943	50.612	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	462065	51.860	ug/l	96
20) Methylene Chloride	2.85	84	145660	50.396	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138213	48.880	ug/l	98
22) Diisopropyl ether	3.87	45	482912	50.884	ug/l	93
23) Vinyl Acetate	3.82	43	2134474	245.702	ug/l	96
24) 1,1-Dichloroethane	3.69	63	268261	47.386	ug/l	98
25) 2-Butanone	4.70	43	687721	234.669	ug/l	94
26) 2,2-Dichloropropane	4.58	77	212506	53.905	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149492	47.325	ug/l	94
28) Bromochloromethane	5.01	49	122664	46.012	ug/l	90
29) Tetrahydrofuran	5.15	42	430683	236.447	ug/l	91
30) Chloroform	5.21	83	252902	47.268	ug/l	99
31) Cyclohexane	5.57	56	239132	55.189	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	218723	50.056	ug/l	100
36) 1,1-Dichloropropene	5.79	75	195118	49.551	ug/l	99
37) Ethyl Acetate	4.85	43	237782	45.491	ug/l	98
38) Carbon Tetrachloride	5.78	117	193883	46.840	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004859.D
 Acq On : 01 Oct 2018 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 02:35:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237772	59.135	ug/l	94
40) Benzene	6.14	78	572172	46.413	ug/l	100
41) Methacrylonitrile	5.06	41	135495	46.743	ug/l	96
42) 1,2-Dichloroethane	6.20	62	203279	46.645	ug/l	97
43) Isopropyl Acetate	6.46	43	361084	47.862	ug/l	96
44) Trichloroethene	7.21	130	154921	51.120	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154369	51.062	ug/l	98
46) Dibromomethane	7.66	93	97223	51.172	ug/l	97
47) Bromodichloromethane	7.90	83	190958	53.682	ug/l	99
48) Methyl methacrylate	7.77	41	190134	55.526	ug/l	94
49) 1,4-Dioxane	7.75	88	78330	920.752	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1271512	267.673	ug/l	96
52) Toluene	8.79	92	360656	53.242	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	219759	54.669	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	236534	56.178	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	147641	49.758	ug/l	96
56) Ethyl methacrylate	9.18	69	229554	47.808	ug/l	94
57) 1,3-Dichloropropane	9.37	76	246831	49.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	658902	257.279	ug/l	94
59) 2-Hexanone	9.50	43	1023118	258.463	ug/l	94
60) Dibromochloromethane	9.59	129	153596	51.761	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153465	48.294	ug/l	99
64) Tetrachloroethene	9.34	164	152082	47.284	ug/l	97
65) Chlorobenzene	10.14	112	401836	47.952	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	144439	49.028	ug/l	100
67) Ethyl Benzene	10.26	91	689724	51.842	ug/l	98
68) m/p-Xylenes	10.36	106	544525	104.738	ug/l	95
69) o-Xylene	10.70	106	258000	54.029	ug/l	97
70) Styrene	10.71	104	441609	49.470	ug/l	98
71) Bromoform	10.86	173	128079	50.781	ug/l	100
73) Isopropylbenzene	11.02	105	699183	53.627	ug/l	99
74) N-amyl acetate	10.90	43	330320	46.231	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241948	45.588	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	288488	62.225	ug/l	87
77) Bromobenzene	11.26	156	185726	49.044	ug/l	97
78) n-propylbenzene	11.36	91	829342	55.440	ug/l	99
79) 2-Chlorotoluene	11.42	91	478739	51.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	602232	50.399	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74215	43.911	ug/l	97
82) 4-Chlorotoluene	11.51	91	575919	52.474	ug/l	100
83) tert-Butylbenzene	11.77	119	594232	55.358	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	623453	50.594	ug/l	98
85) sec-Butylbenzene	11.94	105	725851	55.515	ug/l	99
86) p-Isopropyltoluene	12.07	119	660328	55.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	353178	49.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	355666	48.724	ug/l	98
89) n-Butylbenzene	12.39	91	604557	56.194	ug/l	98
90) Hexachloroethane	12.60	117	103343	52.397	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	353716	47.865	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54284	46.584	ug/l	99

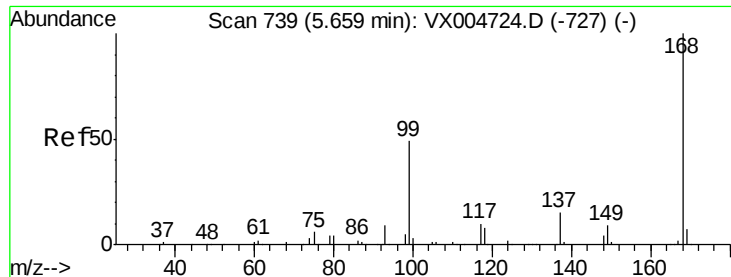
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004859.D
Acq On : 01 Oct 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 02 02:35:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275135	53.076	ug/l	99
94) Hexachlorobutadiene	13.79	225	140970	52.442	ug/l	98
95) Naphthalene	13.83	128	826674	48.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275700	51.485	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

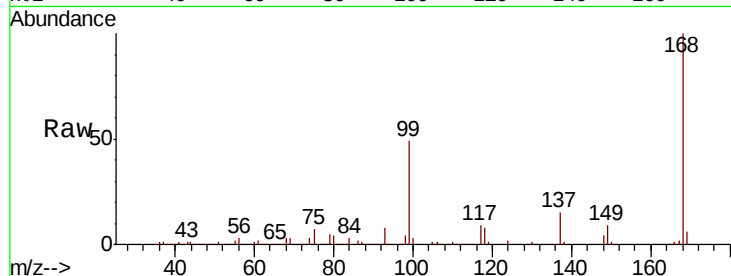
VSTDCCC050

Tot Ion:168 Resp: 238392

Ion Ratio Lower Upper

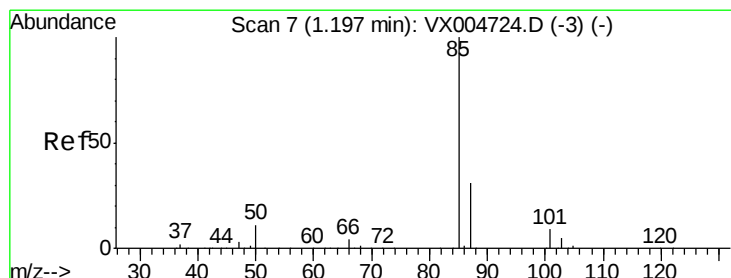
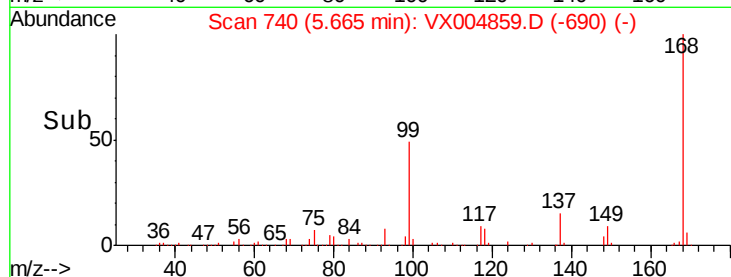
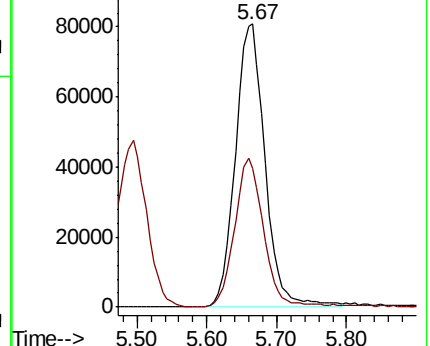
168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.742 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004859.D

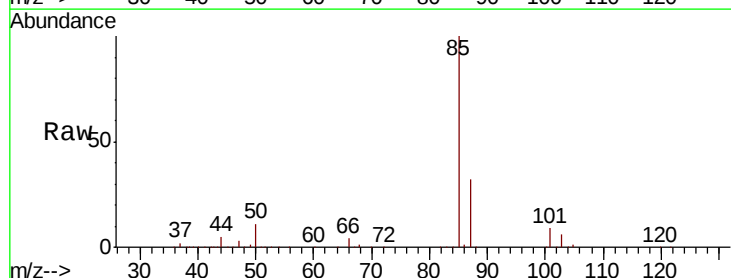
Acq: 01 Oct 2018 09:54

Tgt Ion: 85 Resp: 181185

Ion Ratio Lower Upper

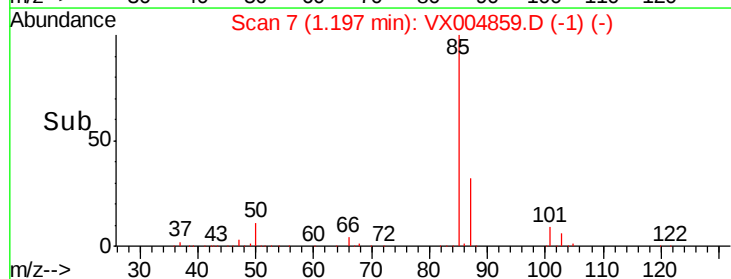
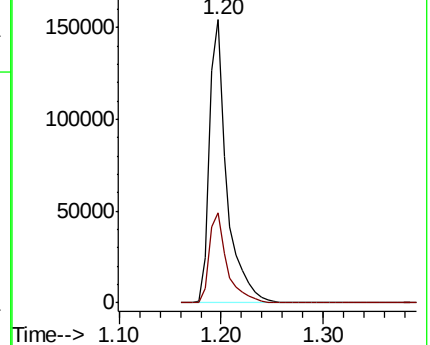
85 100

87 32.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.762 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

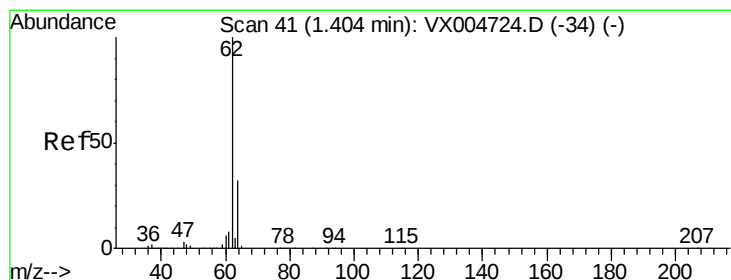
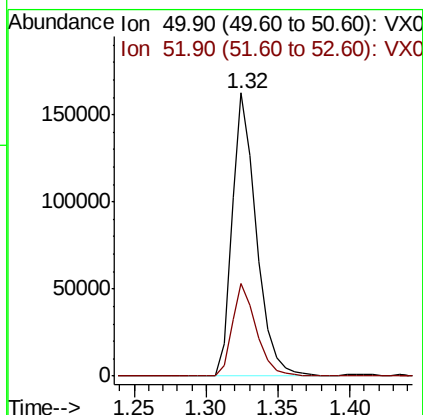
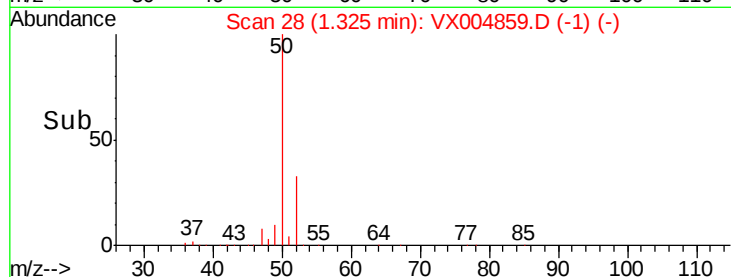
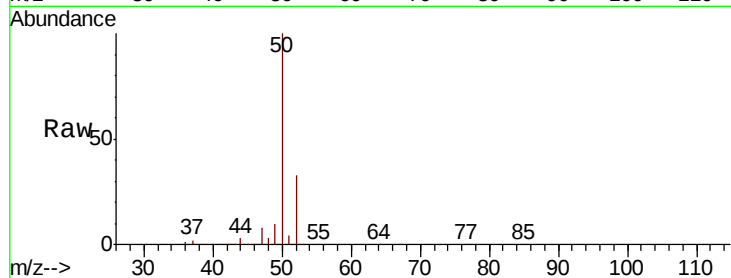
VSTDCCC050

Tot Ion: 50 Resp: 192295

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 50.909 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004859.D

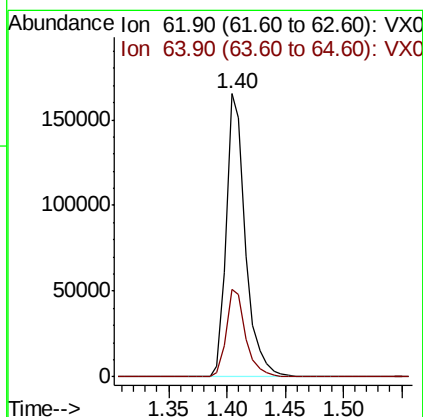
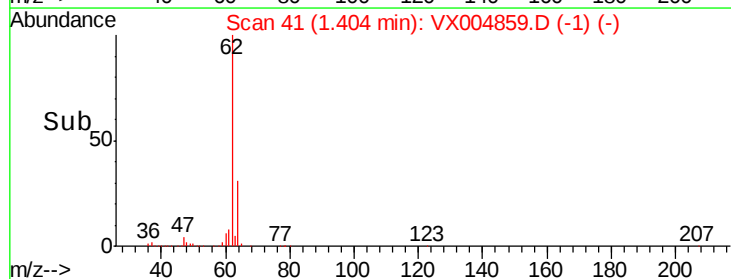
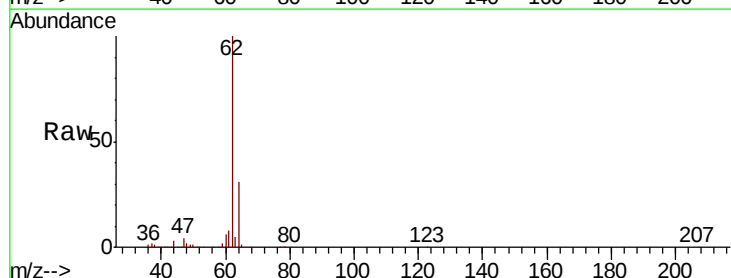
Acq: 01 Oct 2018 09:54

Tgt Ion: 62 Resp: 188293

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





#5

Bromomethane

Concen: 63.847 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

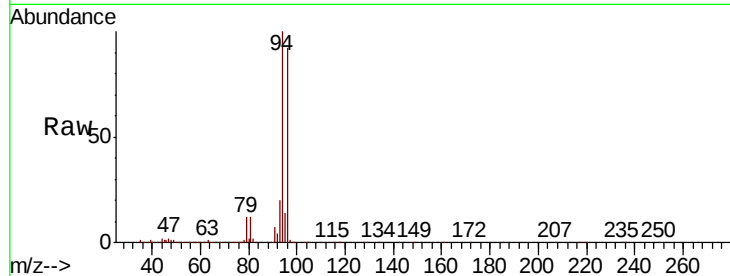
VSTDCCC050

Tot Ion: 94 Resp: 140034

Ion Ratio Lower Upper

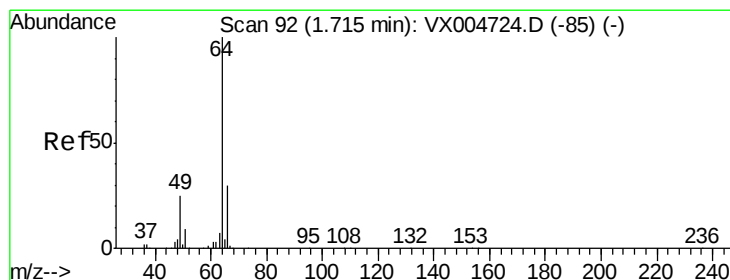
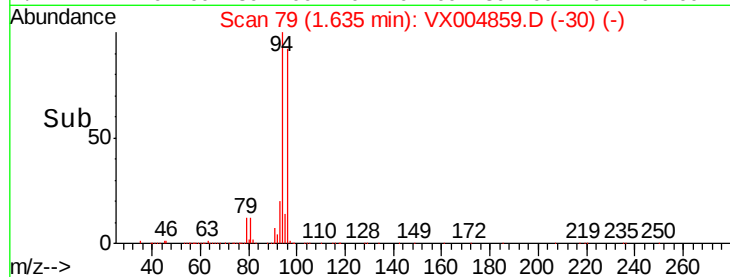
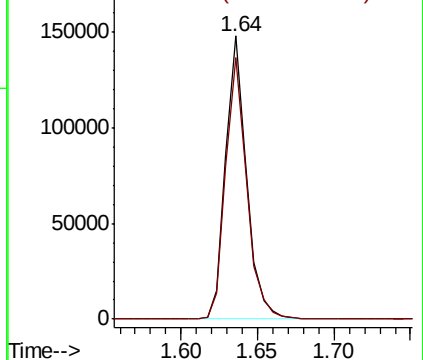
94 100

96 92.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.125 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004859.D

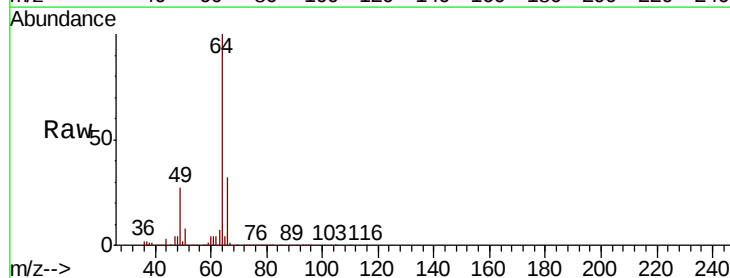
Acq: 01 Oct 2018 09:54

Tgt Ion: 64 Resp: 106790

Ion Ratio Lower Upper

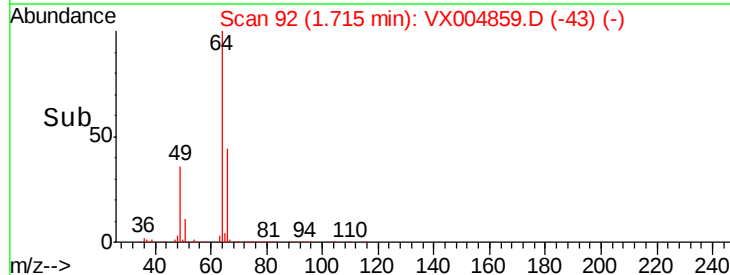
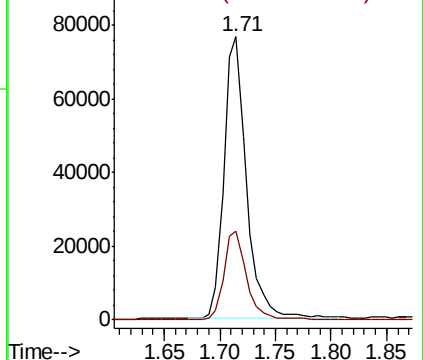
64 100

66 31.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



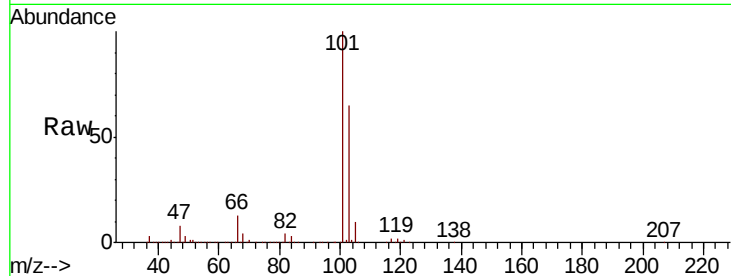


#7

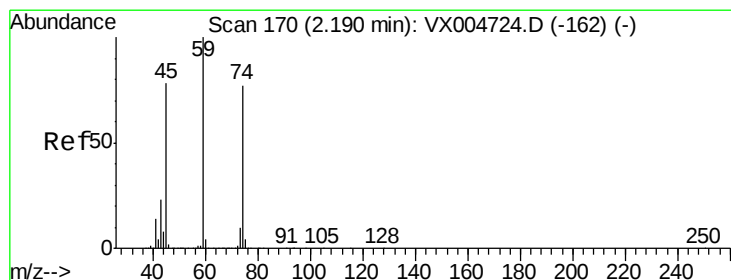
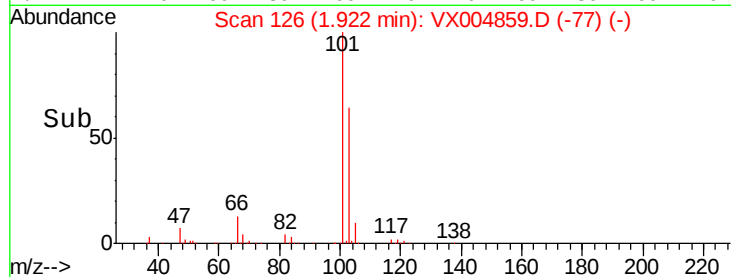
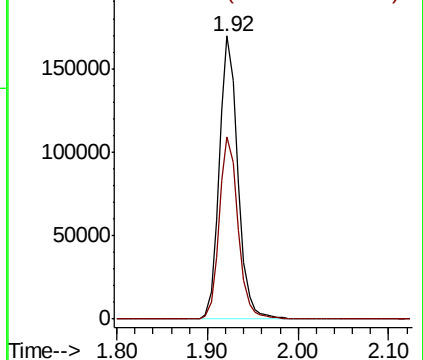
Trichlorofluoromethane
 Concen: 52.999 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 242677
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.9 73.3



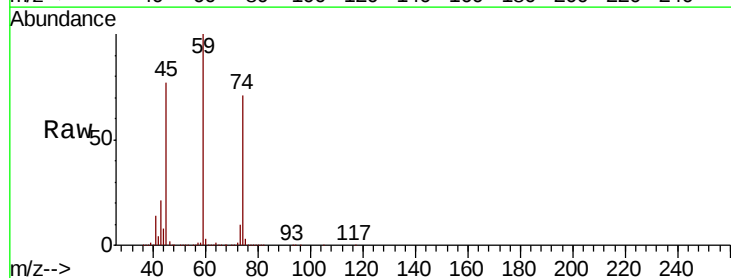
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



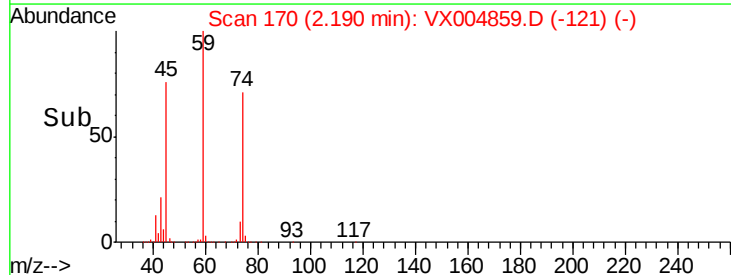
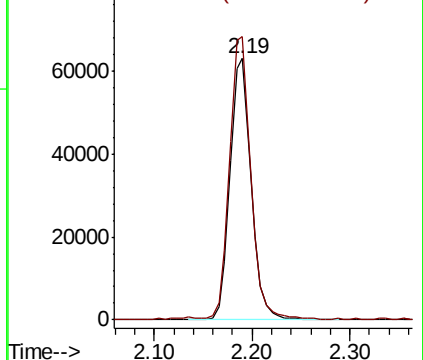
#8

Diethyl Ether
 Concen: 47.582 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion: 74 Resp: 94651
 Ion Ratio Lower Upper
 74 100
 45 108.2 48.3 144.8



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: 53.858 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

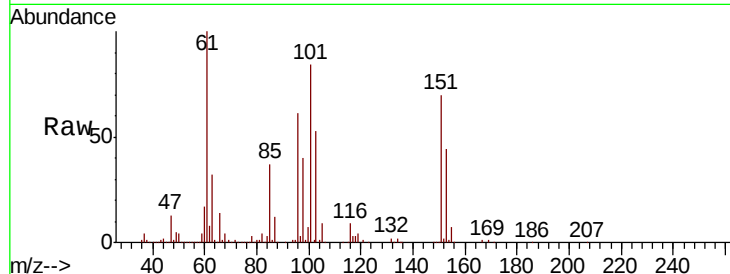
Tot Ion:101 Resp: 140477

Ion Ratio Lower Upper

101 100

85 43.9 34.2 51.4

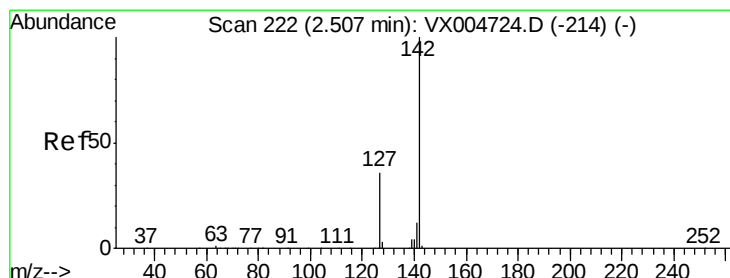
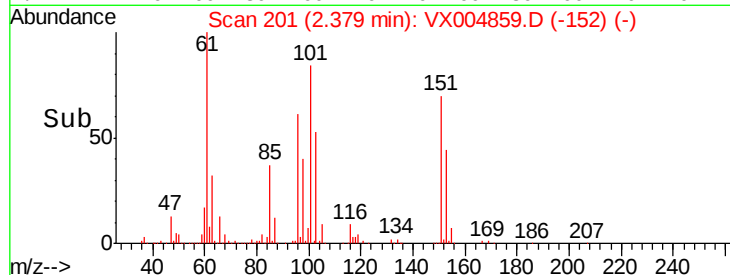
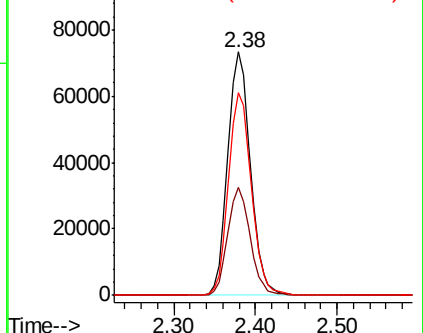
151 83.8 65.0 97.6



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: 36.914 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

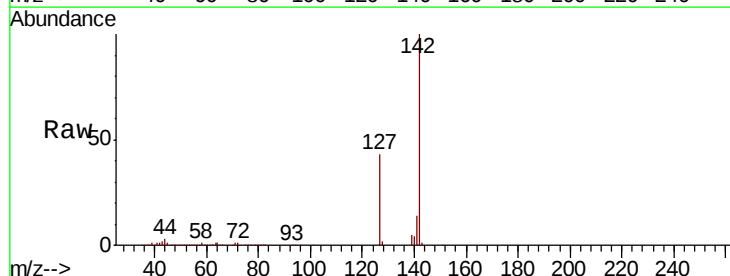
Tgt Ion:142 Resp: 128838

Ion Ratio Lower Upper

142 100

127 43.2 33.8 50.6

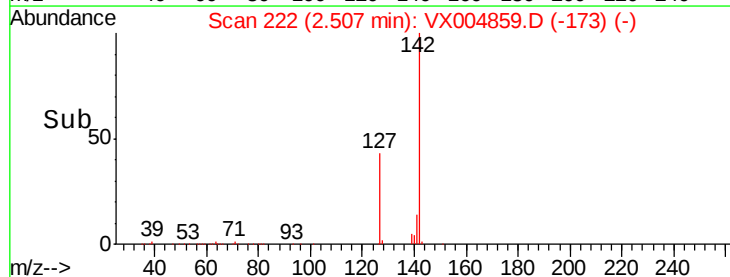
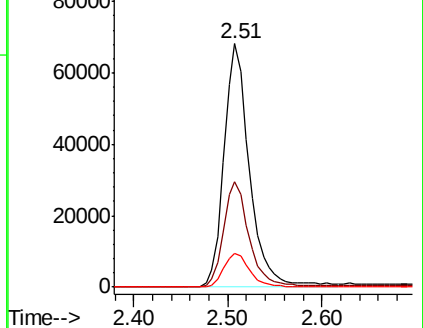
141 14.2 11.4 17.0

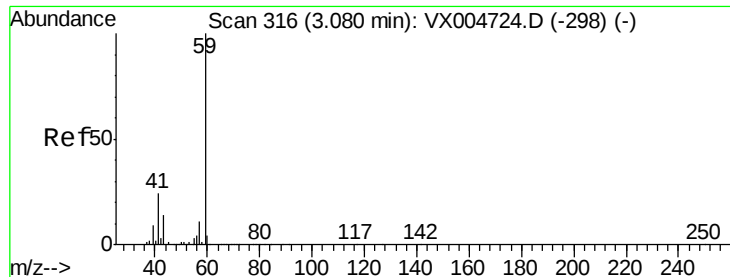


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



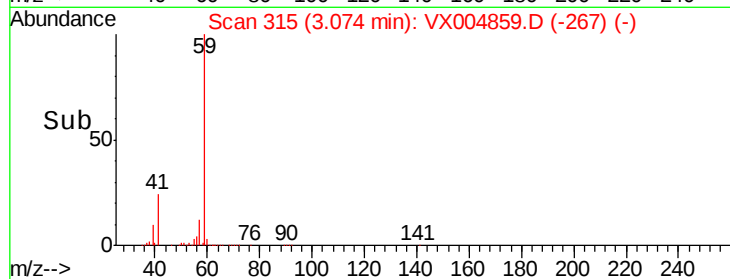
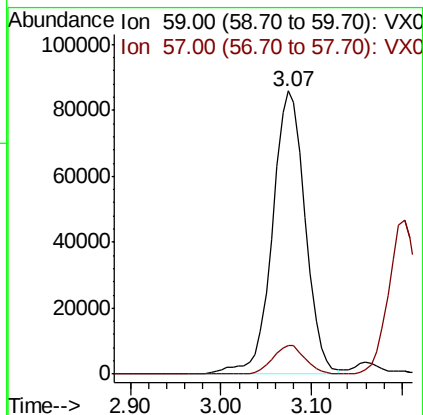
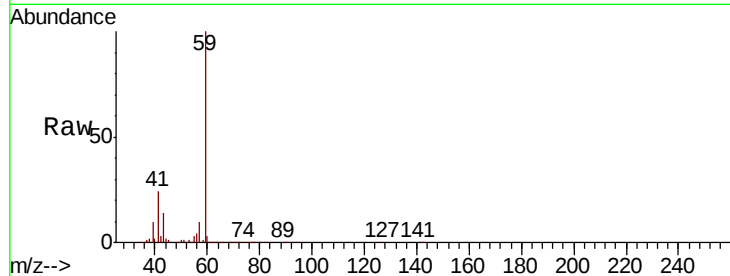


#11

Tert butyl alcohol
Concen: 225.611 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

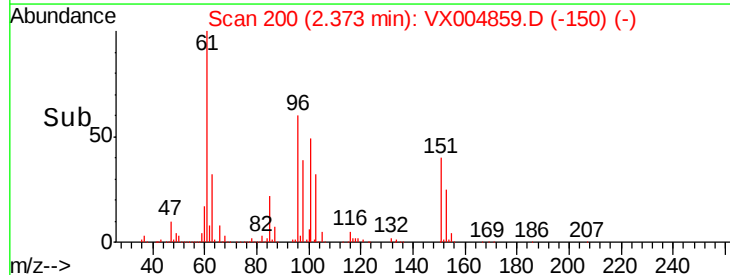
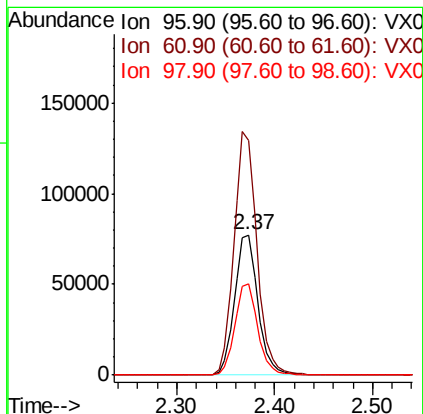
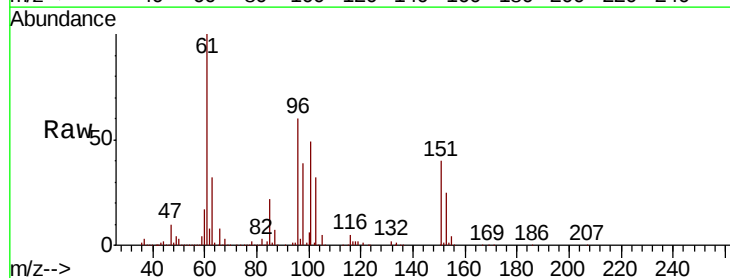
Tot Ion: 59 Resp: 214825
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12

1,1-Dichloroethene
Concen: 49.426 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 96 Resp: 127670
Ion Ratio Lower Upper
96 100
61 167.3 128.8 193.2
98 64.7 52.2 78.2





#13

Acrolein

Concen: 152.180 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

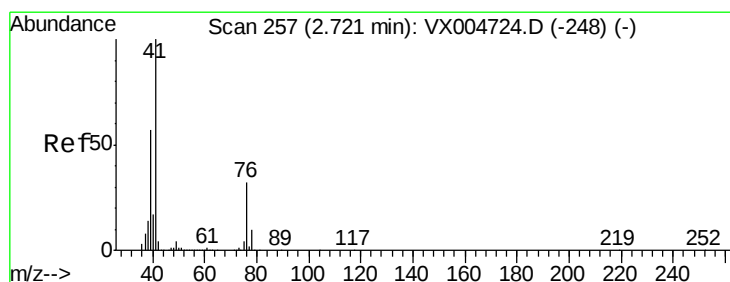
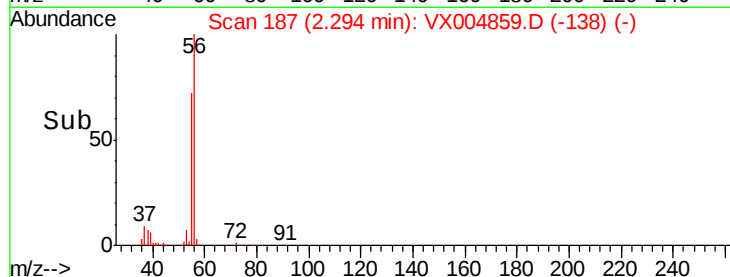
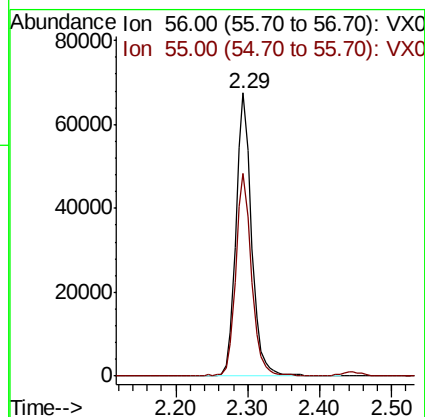
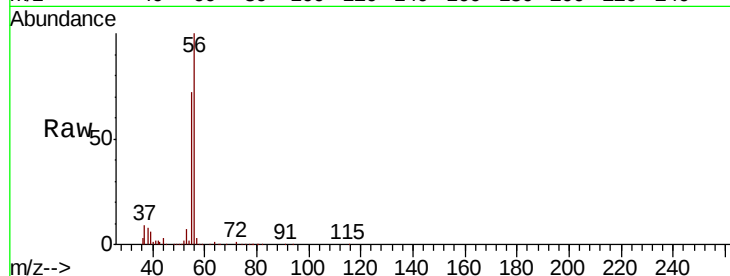
VSTDCCC050

Tot Ion: 56 Resp: 103099

Ion Ratio Lower Upper

56 100

55 71.7 54.7 82.1



#14

Allyl chloride

Concen: 50.751 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

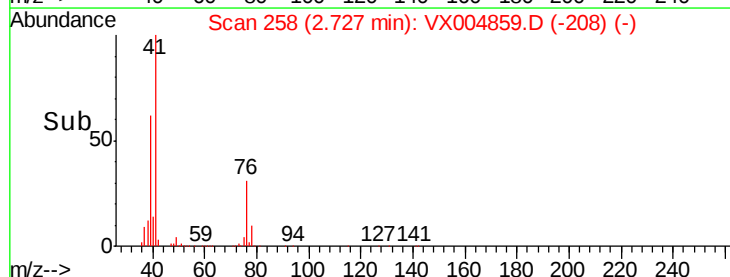
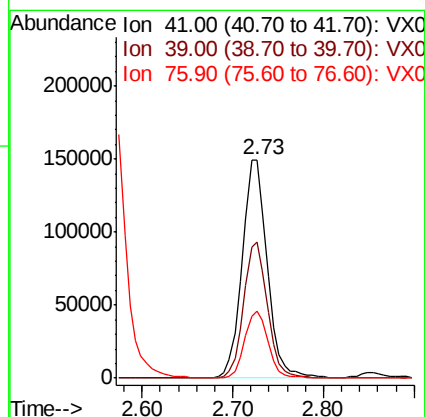
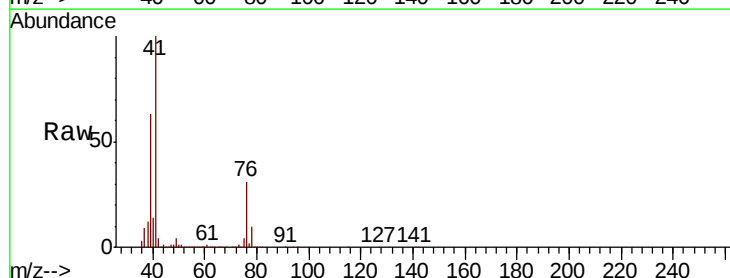
Tgt Ion: 41 Resp: 286035

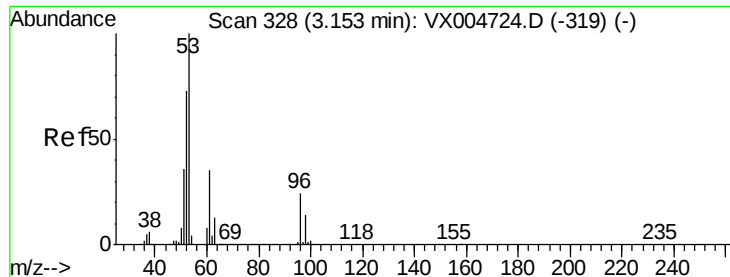
Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

76 28.8 26.7 40.1





#15

Acrylonitrile

Concen: 235.994 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

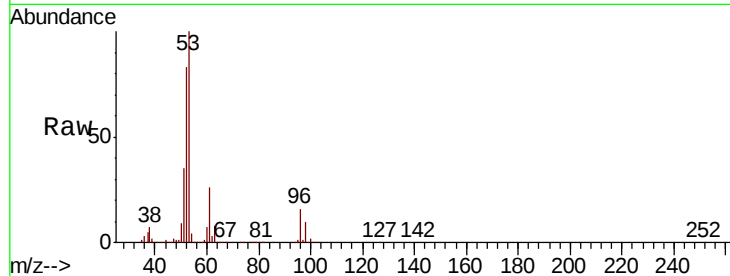
Tot Ion: 53 Resp: 494676

Ion Ratio Lower Upper

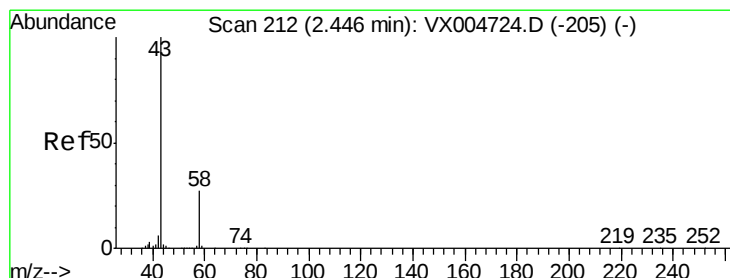
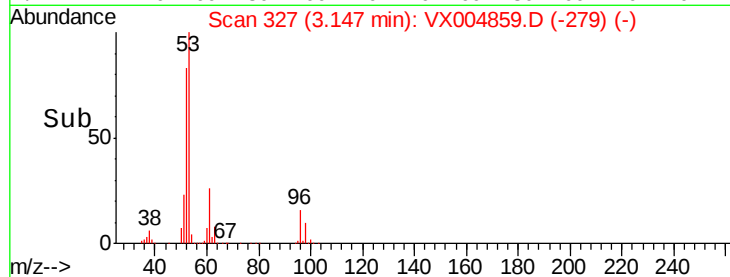
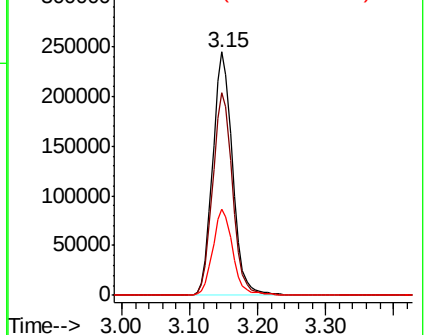
53 100

52 82.9 65.2 97.8

51 35.6 28.2 42.2



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: 254.804 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004859.D

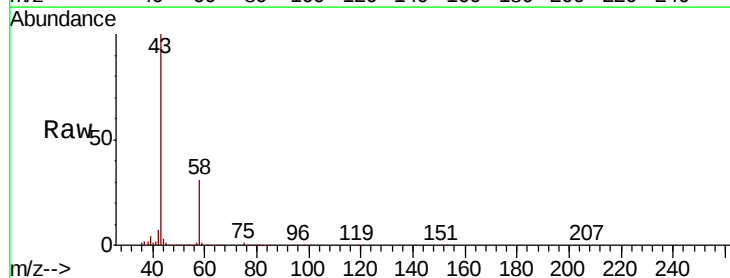
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 506591

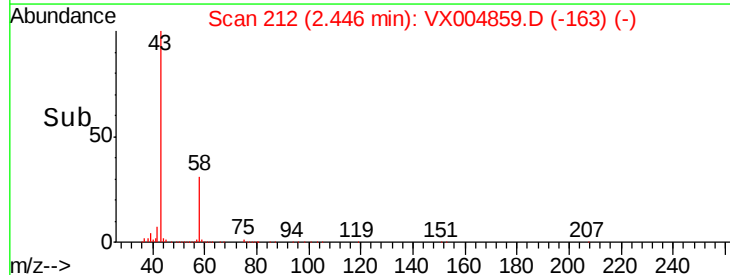
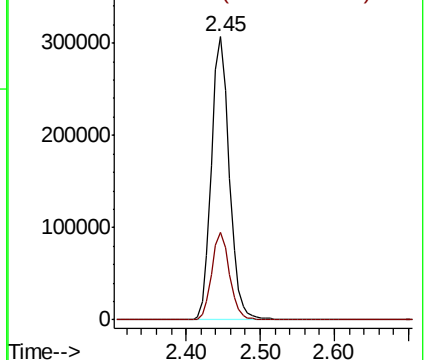
Ion Ratio Lower Upper

43 100

58 30.8 26.2 39.4



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

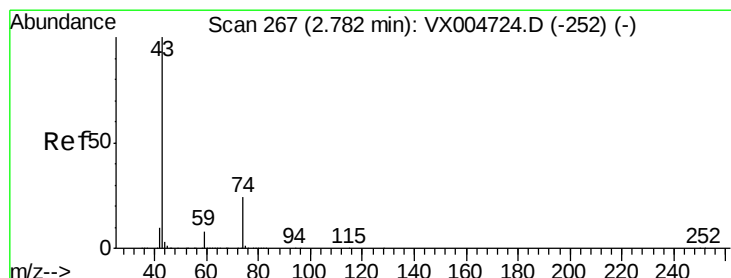
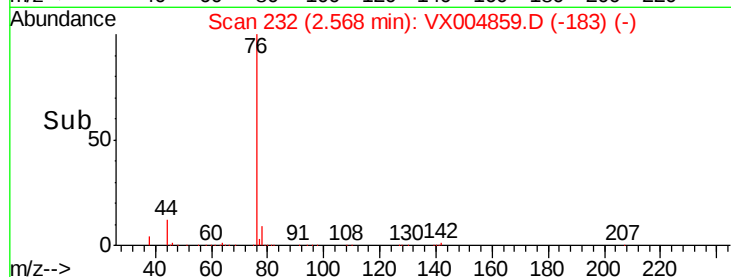
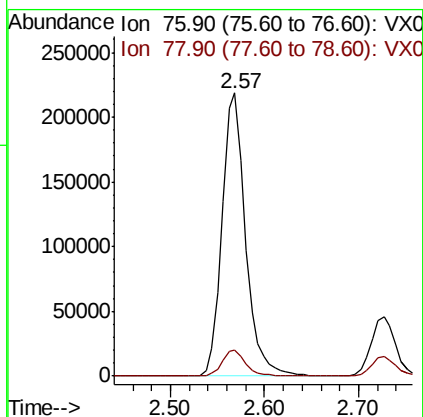
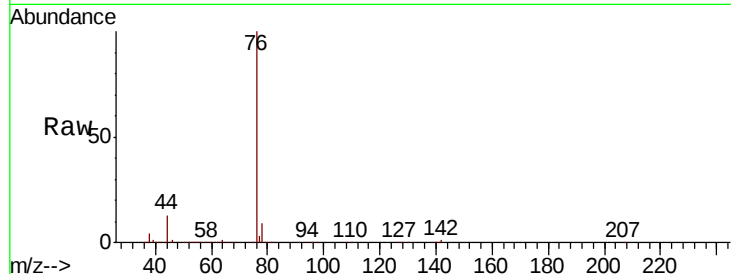




#17
Carbon Disulfide
Concen: 48.852 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

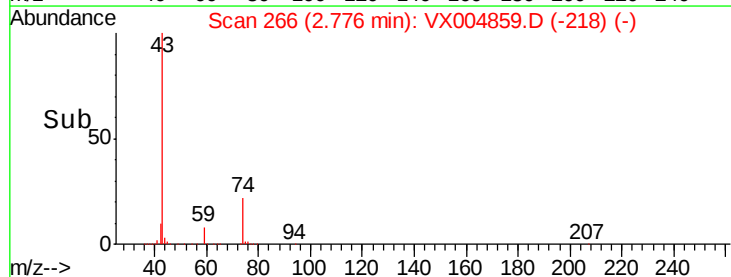
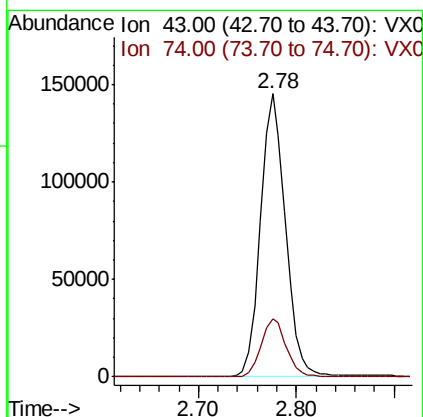
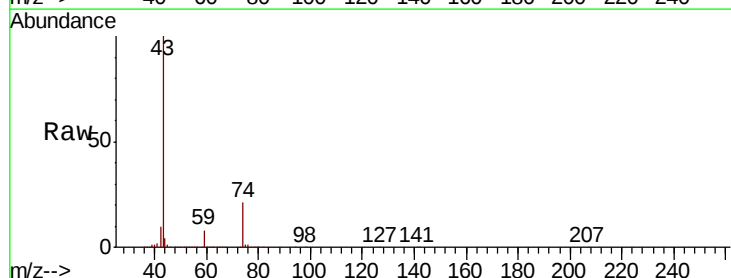
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

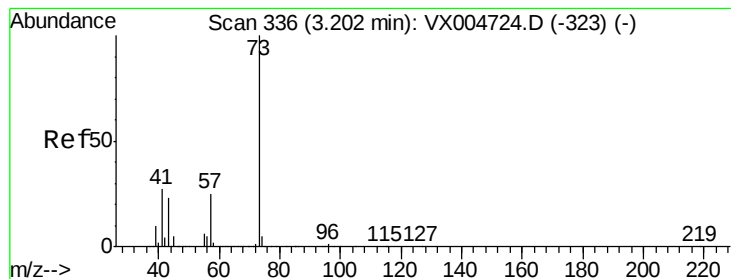
Tot Ion: 76 Resp: 379178
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.612 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 254943
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2



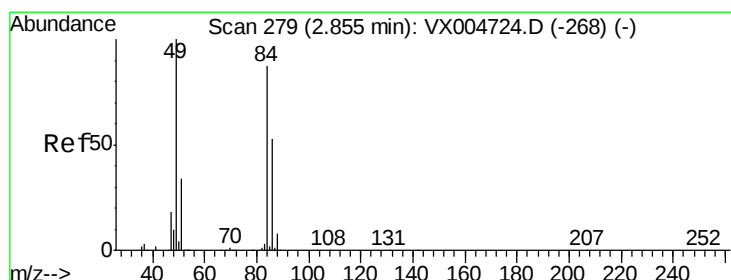
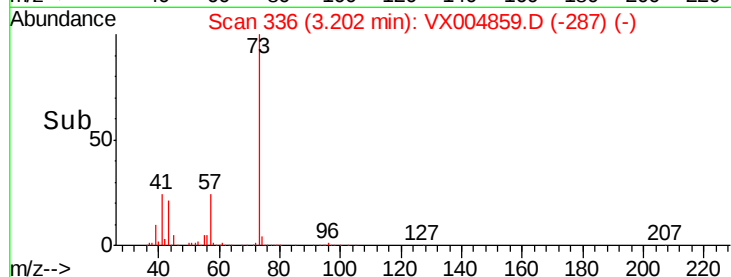
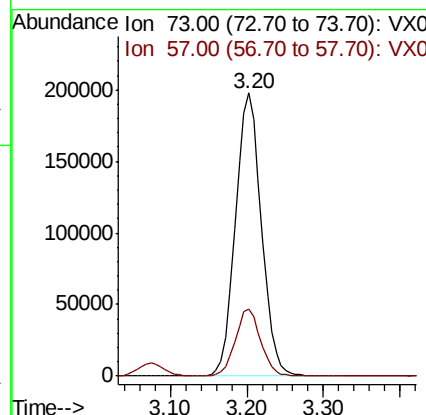
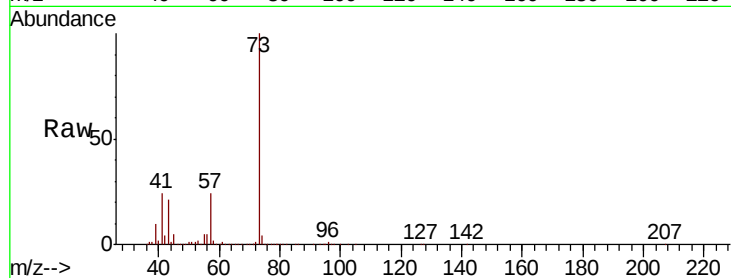


#19

Methyl tert-butyl Ether
 Concen: 51.860 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

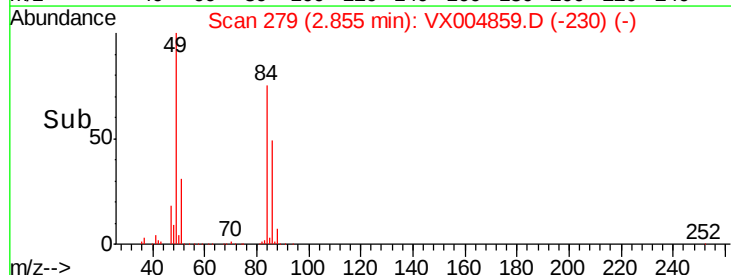
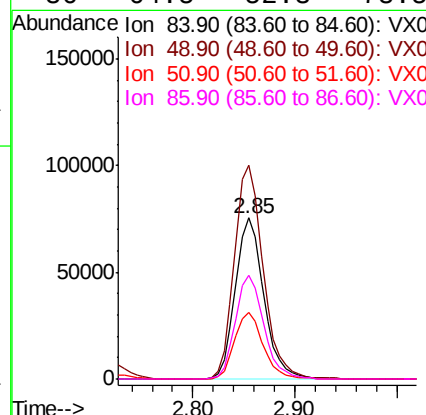
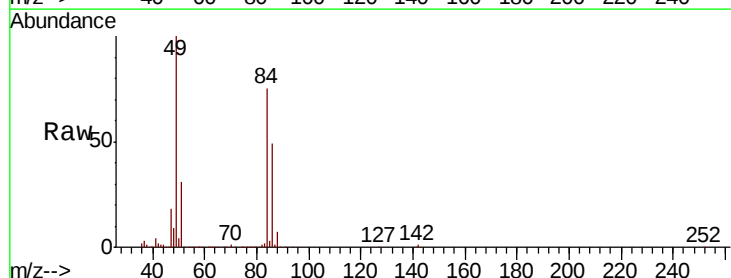
Tot Ion: 73 Resp: 462065
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.1 25.7

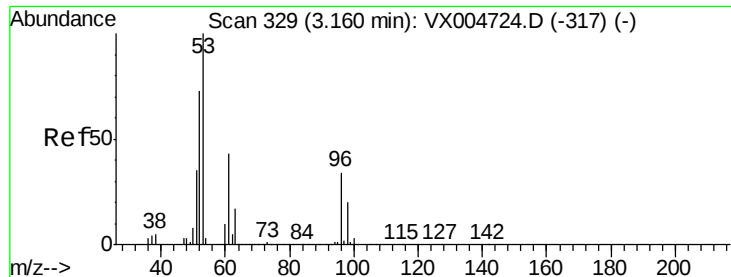


#20

Methylene Chloride
 Concen: 50.396 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion: 84 Resp: 145660
 Ion Ratio Lower Upper
 84 100
 49 132.6 101.2 151.8
 51 41.1 29.5 44.3
 86 64.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.880 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

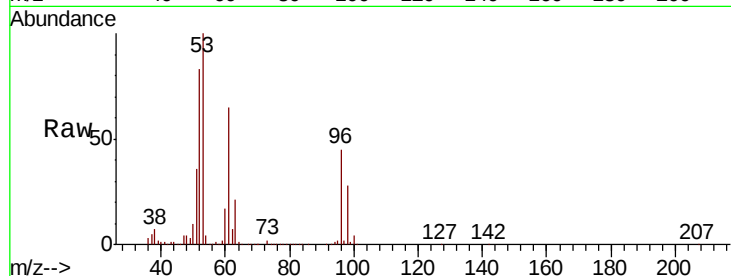
Tot Ion: 96 Resp: 138213

Ion Ratio Lower Upper

96 100

61 144.8 113.8 170.6

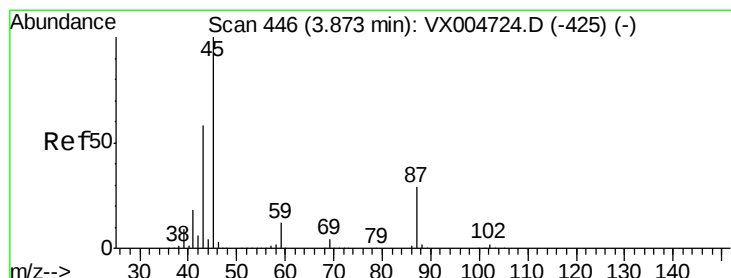
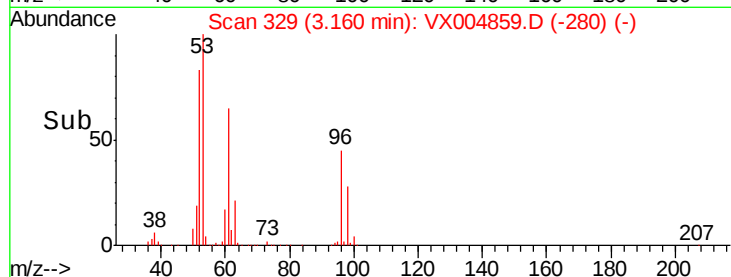
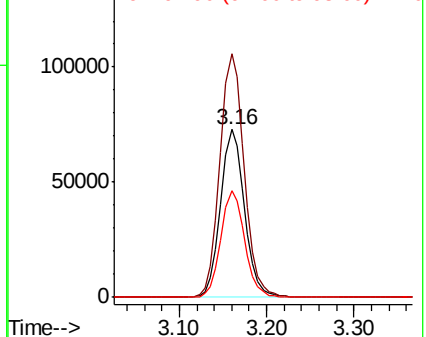
98 63.5 51.8 77.8



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: 50.884 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Tgt Ion: 45 Resp: 482912

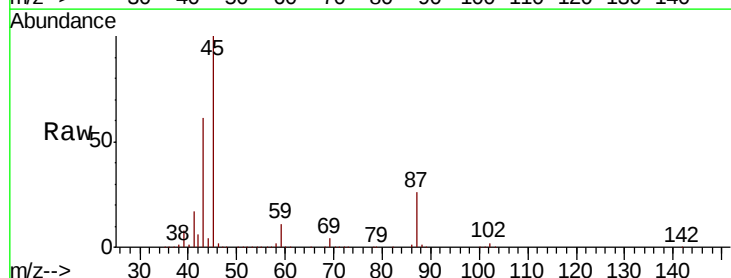
Ion Ratio Lower Upper

45 100

43 60.8 42.8 64.2

87 25.9 22.6 34.0

59 11.3 9.6 14.4

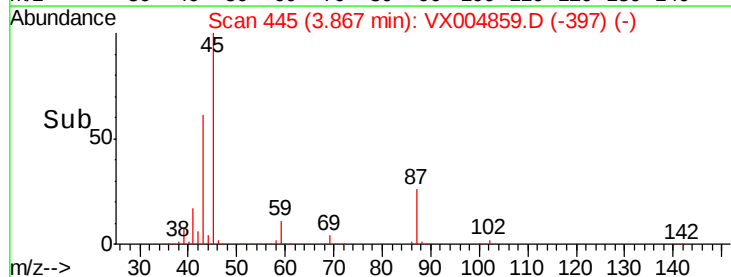
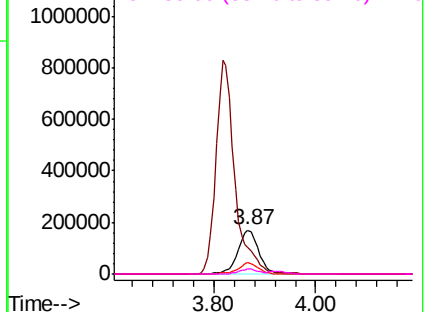


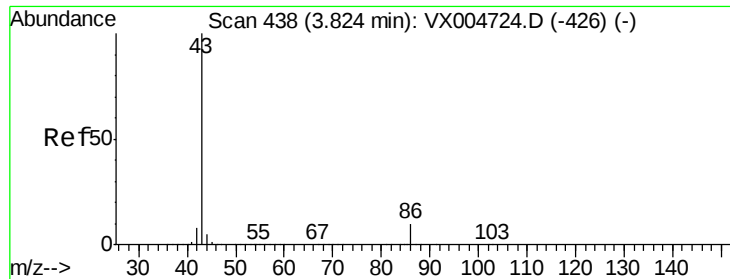
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 245.702 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

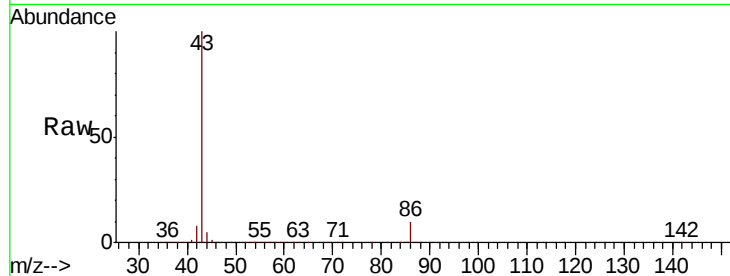
VSTDCCC050

Tot Ion: 43 Resp: 2134474

Ion Ratio Lower Upper

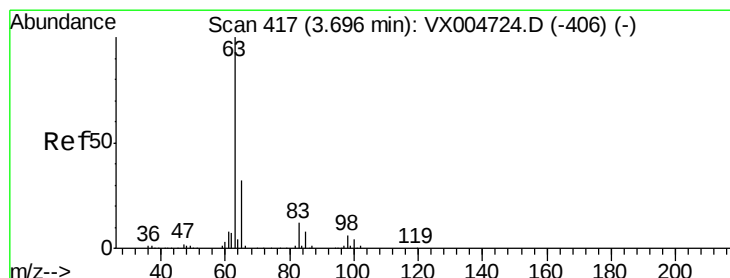
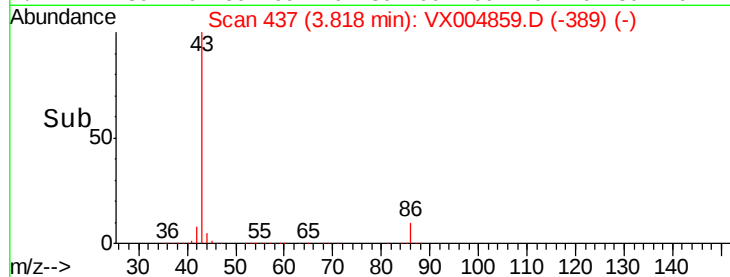
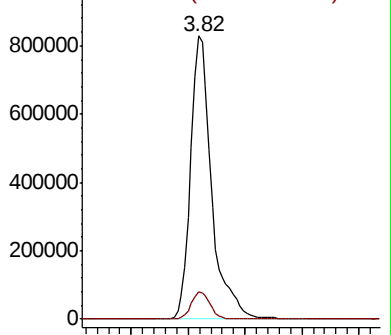
43 100

86 9.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.386 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

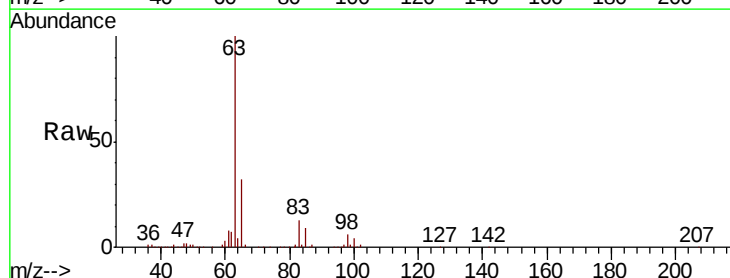
Tgt Ion: 63 Resp: 268261

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

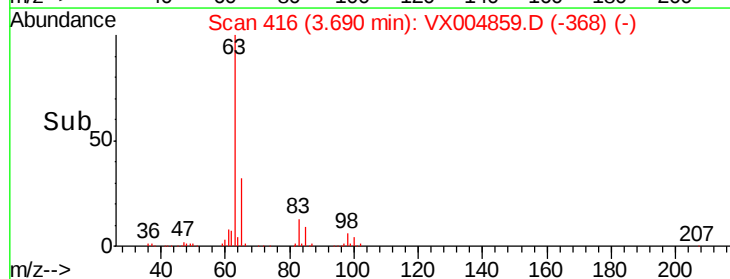
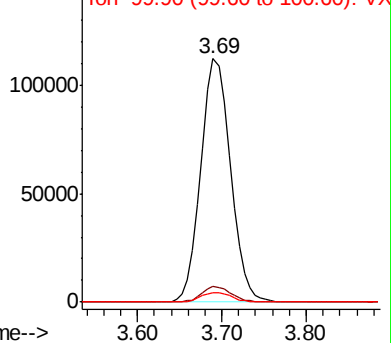
100 3.8 2.4 7.1

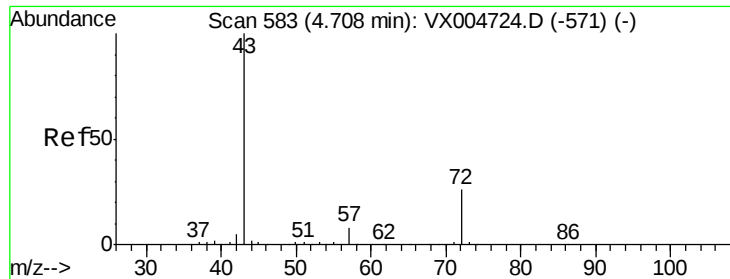


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

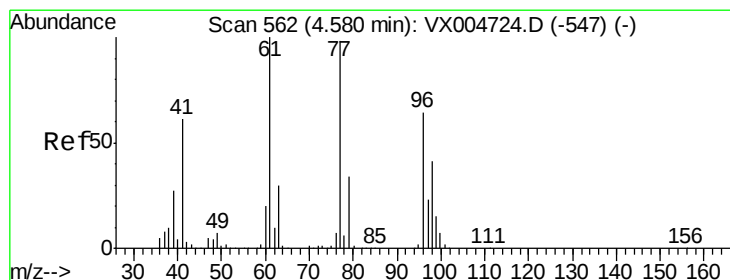
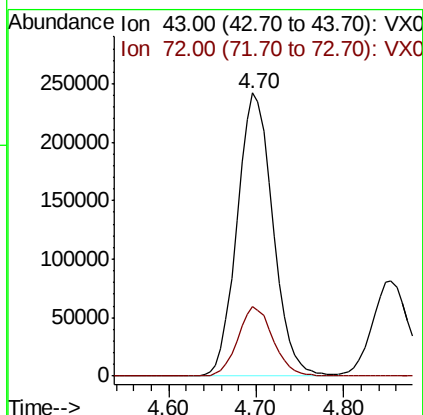
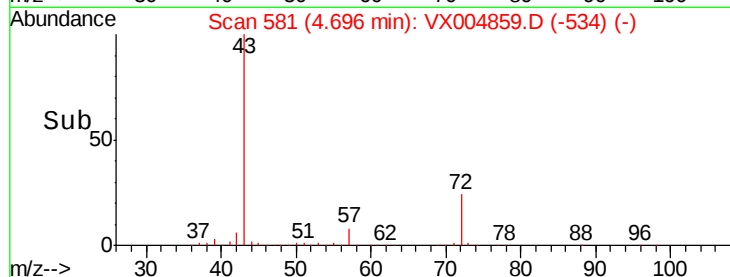
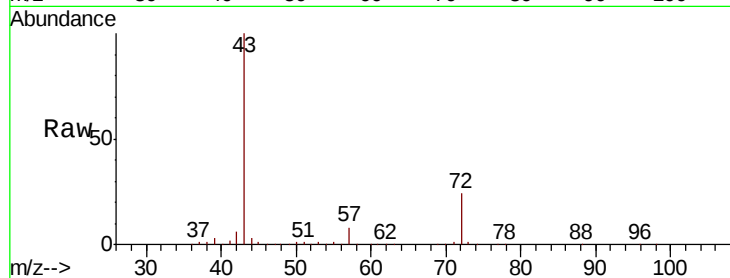




#25
2-Butanone
Concen: 234.669 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

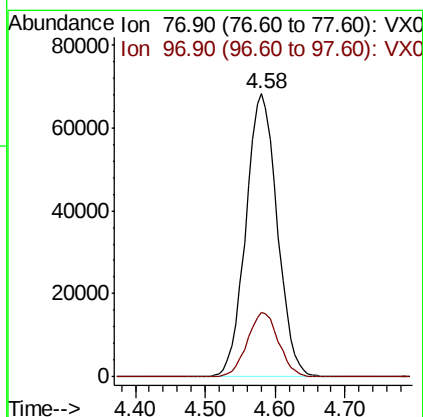
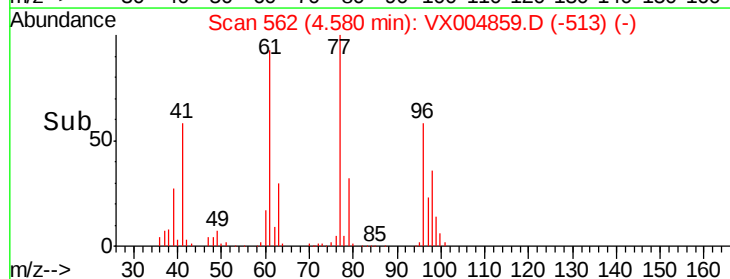
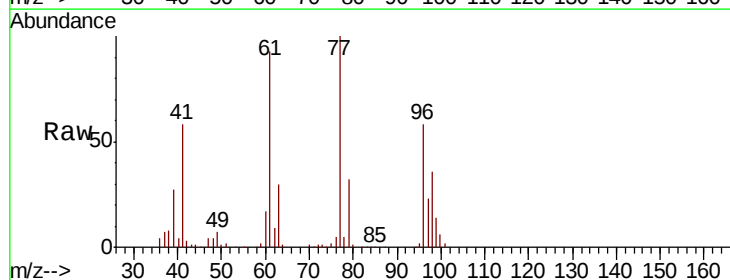
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

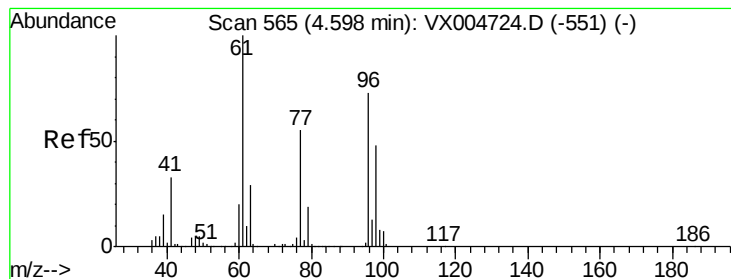
Tot Ion: 43 Resp: 687721
Ion Ratio Lower Upper
43 100
72 24.4 22.0 33.0



#26
2,2-Dichloropropane
Concen: 53.905 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 77 Resp: 212506
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0



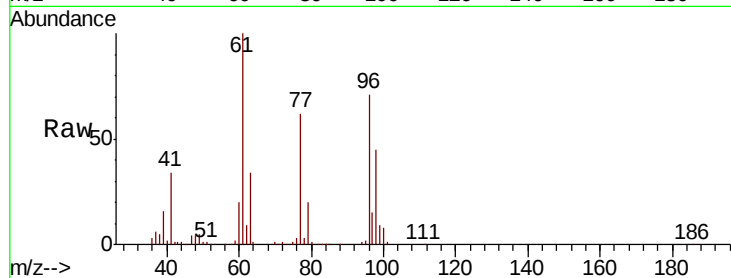


#27

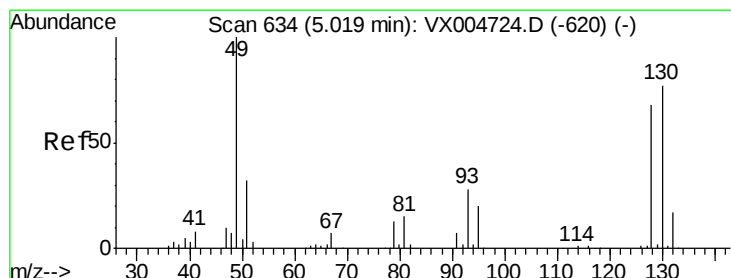
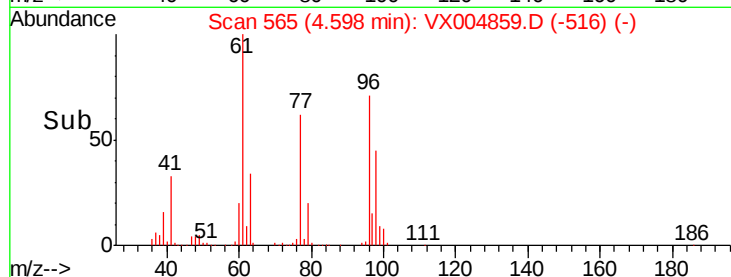
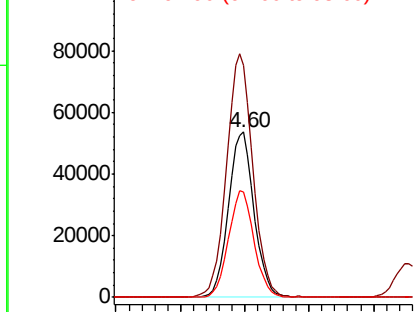
cis-1,2-Dichloroethene
Concen: 47.325 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 149492
Ion Ratio Lower Upper
96 100
61 151.1 0.0 282.6
98 64.5 0.0 130.2



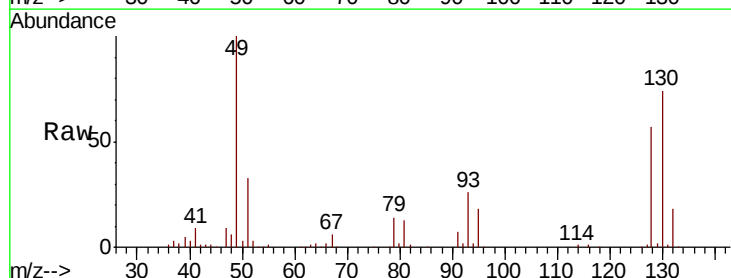
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



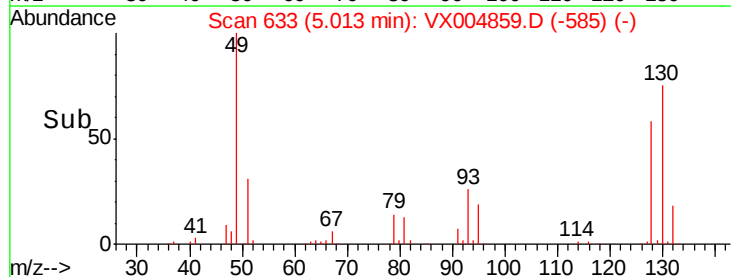
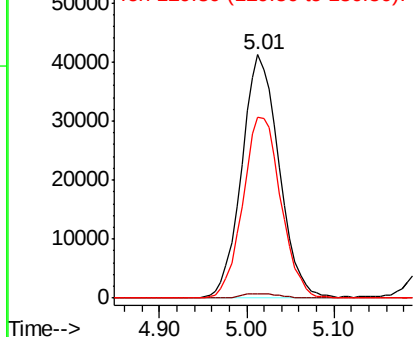
#28

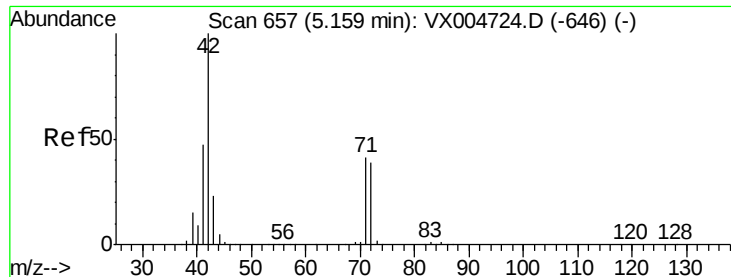
Bromochloromethane
Concen: 46.012 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 49 Resp: 122664
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.5 67.5 101.3



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: 236.447 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

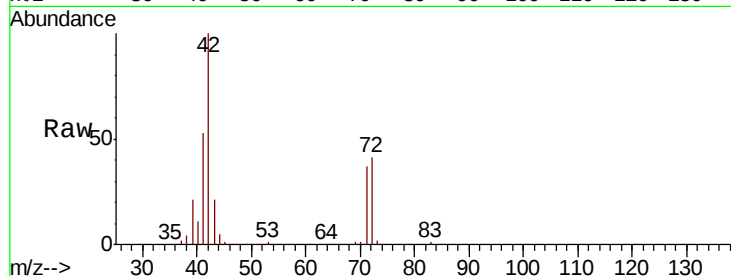
Tot Ion: 42 Resp: 430683

Ion Ratio Lower Upper

42 100

72 40.5 37.4 56.0

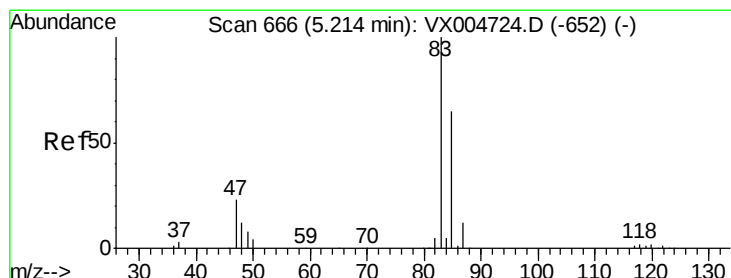
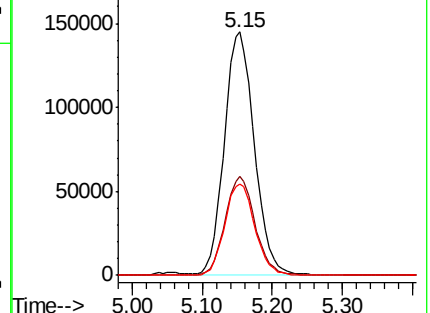
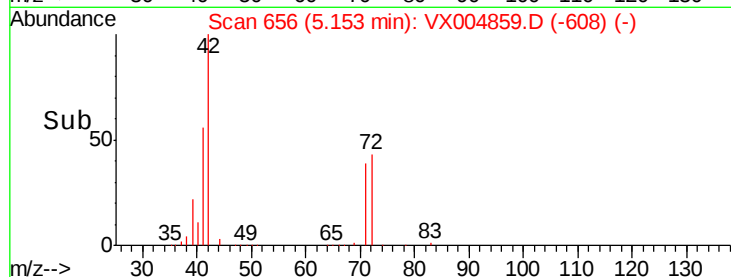
71 37.9 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.268 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004859.D

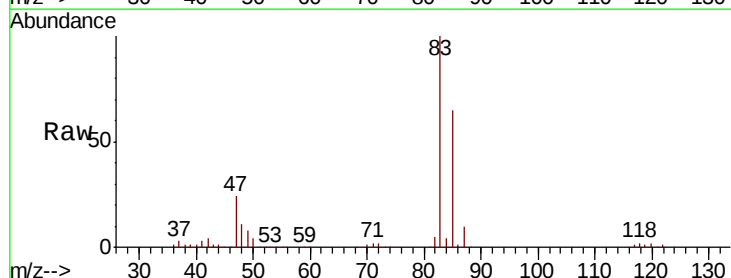
Acq: 01 Oct 2018 09:54

Tgt Ion: 83 Resp: 252902

Ion Ratio Lower Upper

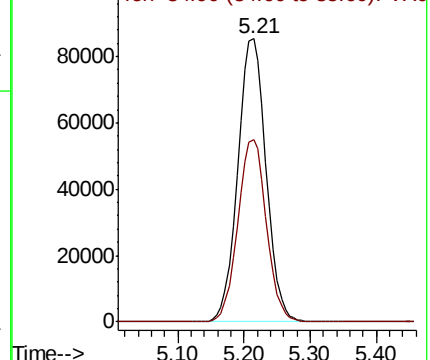
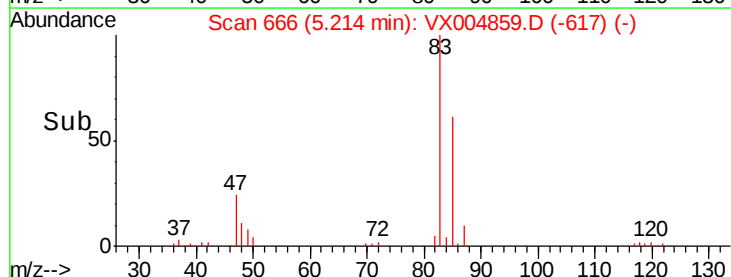
83 100

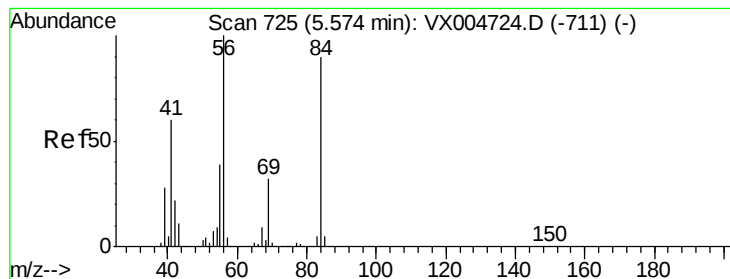
85 64.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.189 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

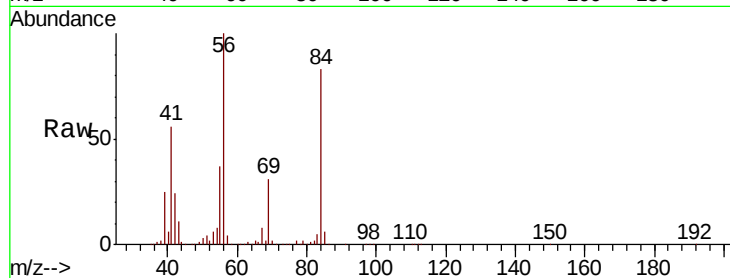
Tot Ion: 56 Resp: 239132

Ion Ratio Lower Upper

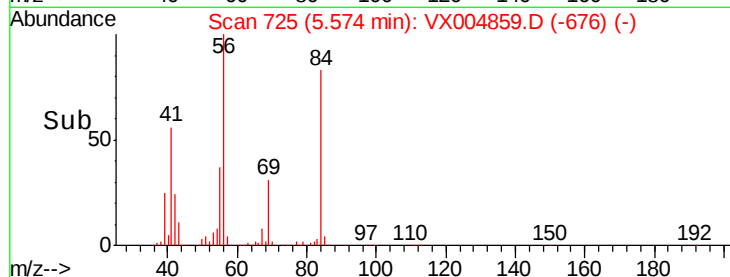
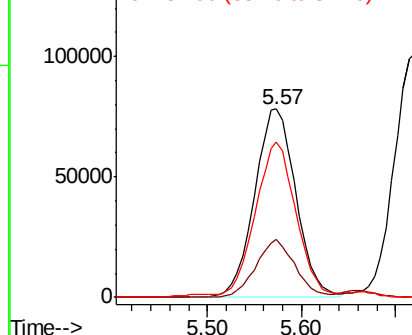
56 100

69 30.6 25.4 38.2

84 81.6 71.4 107.2



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: 50.056 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

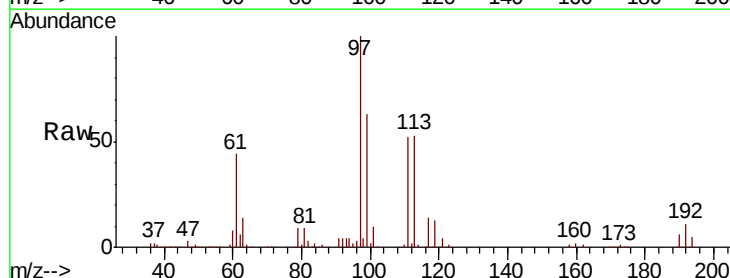
Tgt Ion: 97 Resp: 218723

Ion Ratio Lower Upper

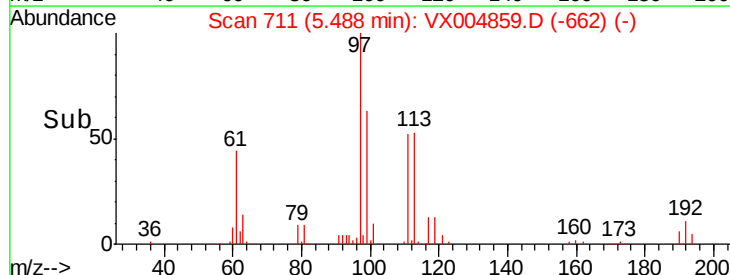
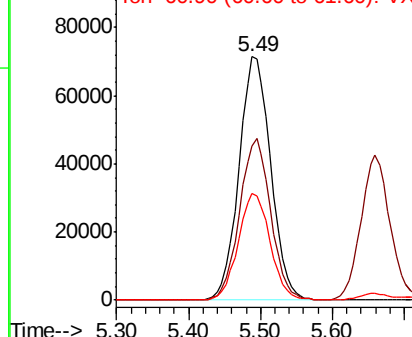
97 100

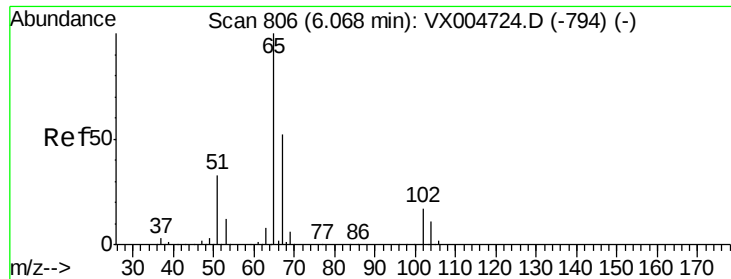
99 64.9 52.0 78.0

61 44.0 34.9 52.3



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

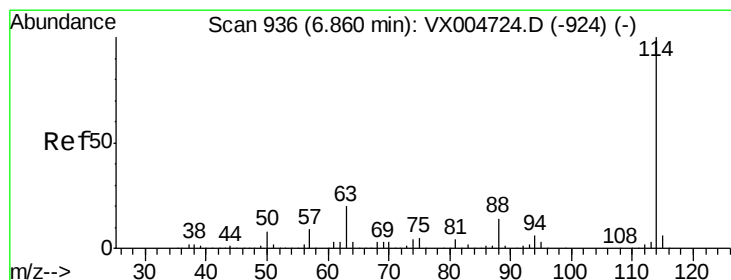
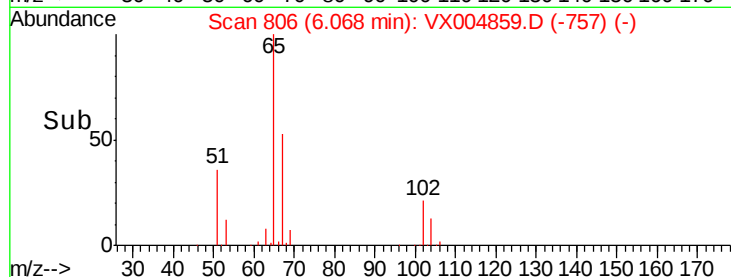
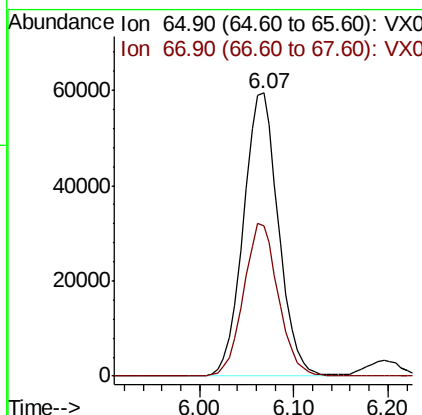
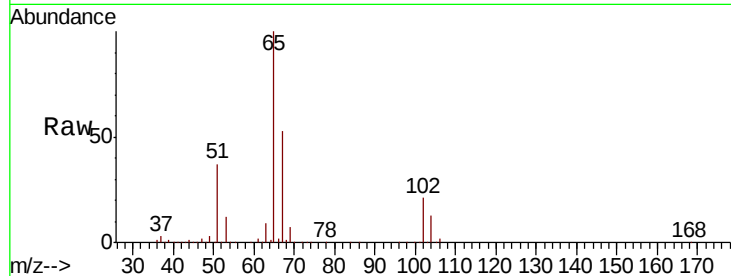




#33
 1,2-Dichloroethane-d4
 Concen: 45.596 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

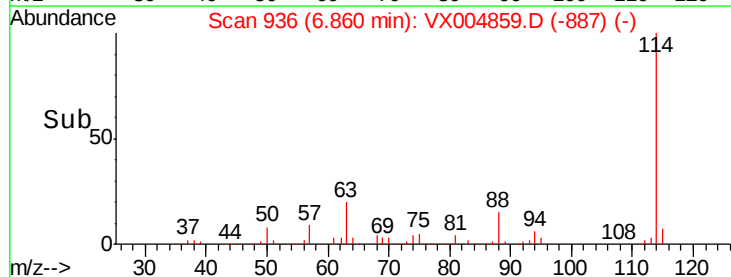
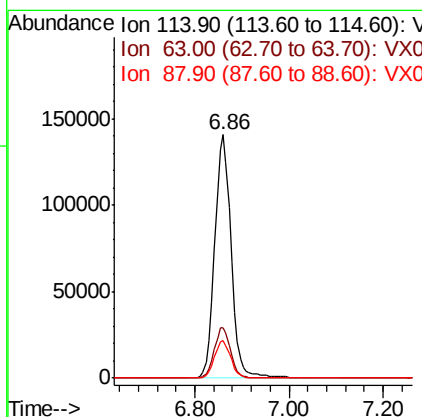
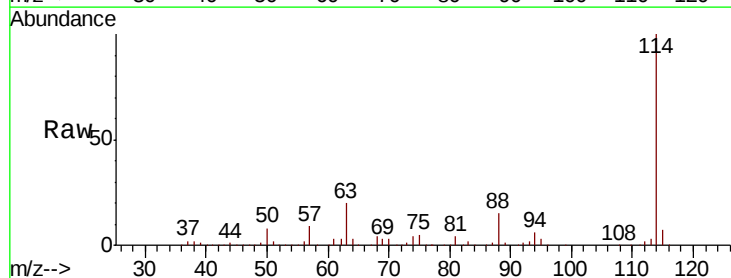
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

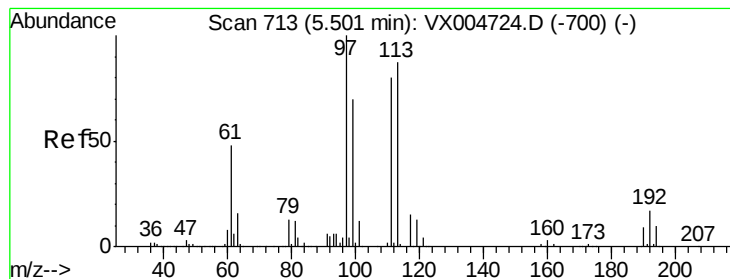
Tot Ion: 65 Resp: 155273
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion: 114 Resp: 340539
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.951 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

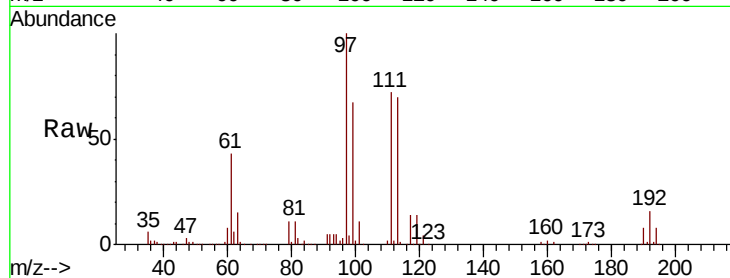
Tot Ion:113 Resp: 126849

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

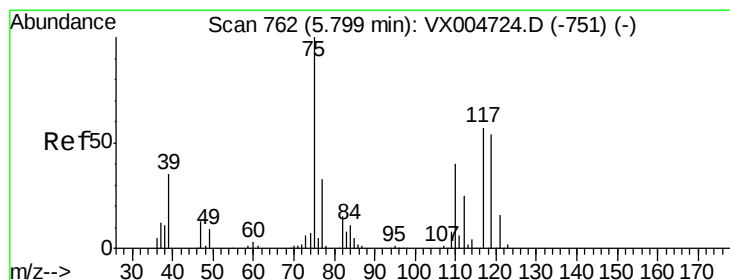
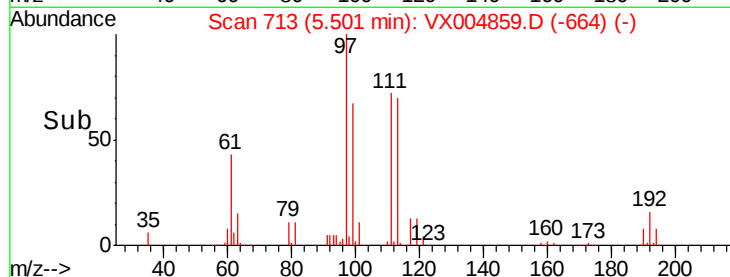
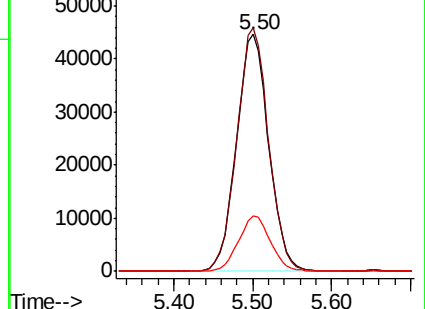
192 22.9 19.4 29.2



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: 49.551 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

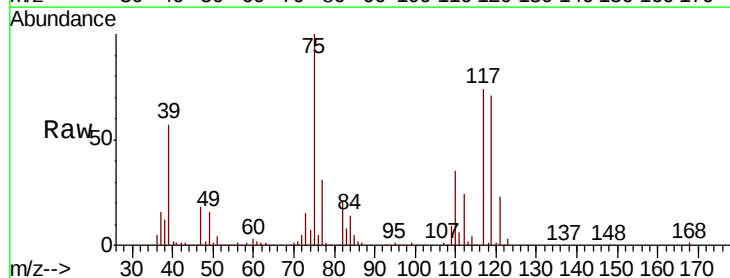
Tgt Ion: 75 Resp: 195118

Ion Ratio Lower Upper

75 100

110 35.4 18.0 54.0

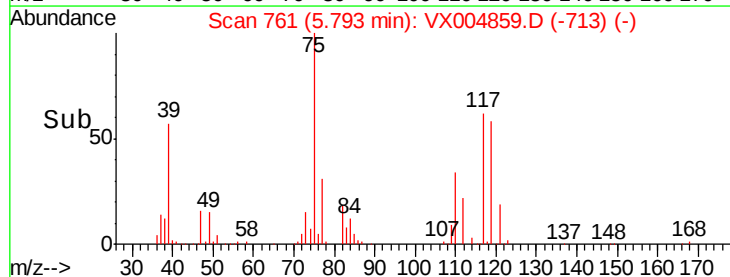
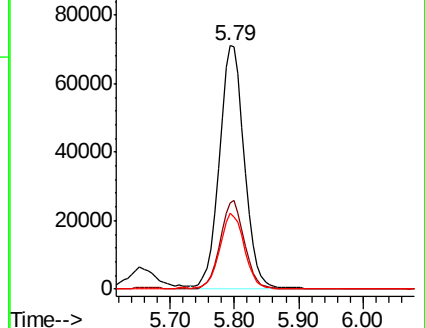
77 30.3 24.6 36.8

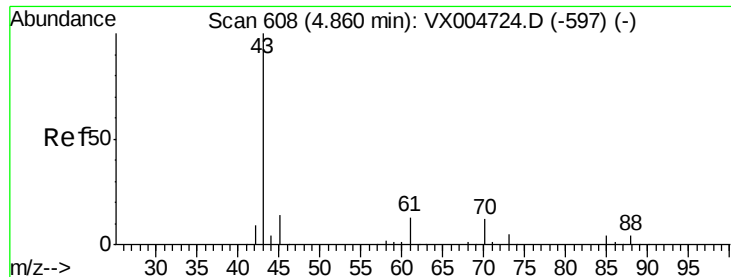


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.491 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

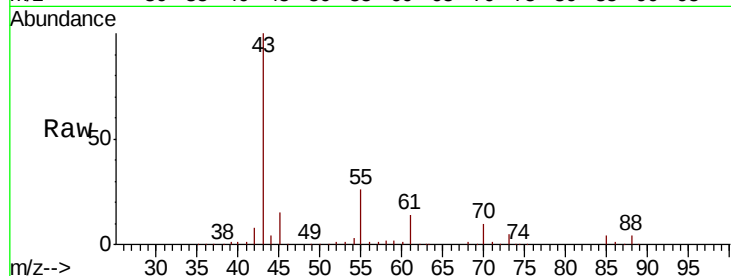
Tot Ion: 43 Resp: 237782

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

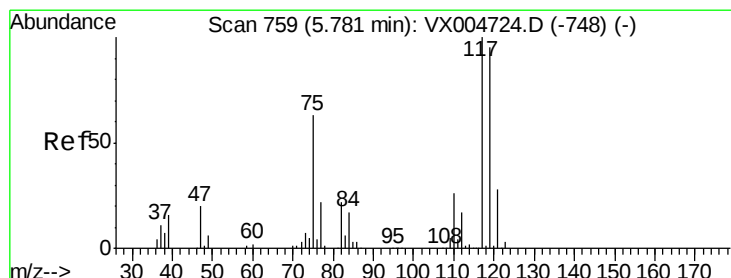
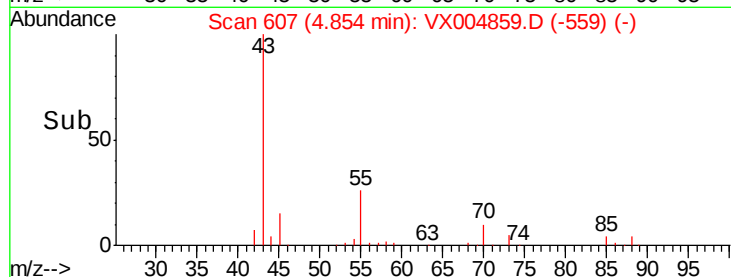
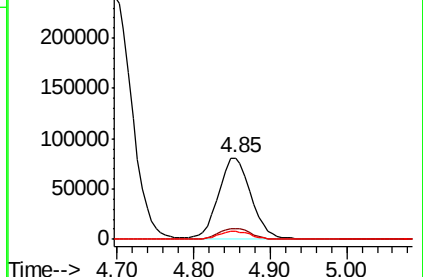
70 10.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 46.840 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

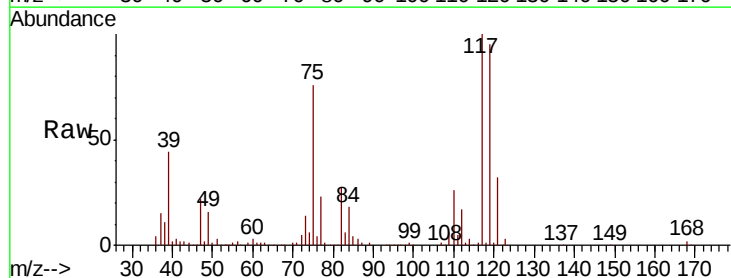
Tgt Ion: 117 Resp: 193883

Ion Ratio Lower Upper

117 100

119 94.9 78.8 118.2

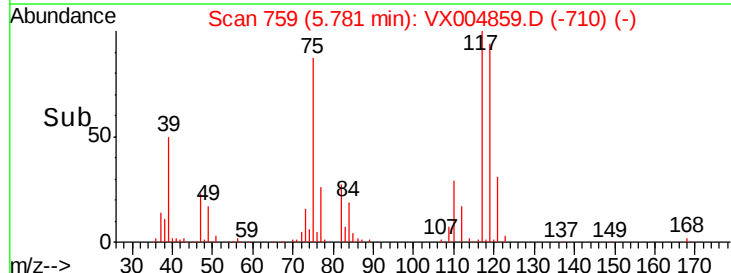
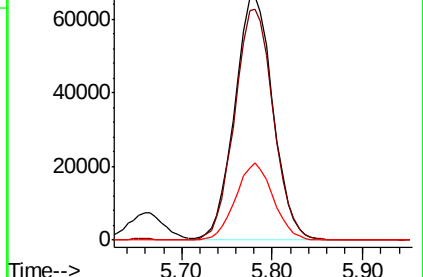
121 31.6 24.9 37.3

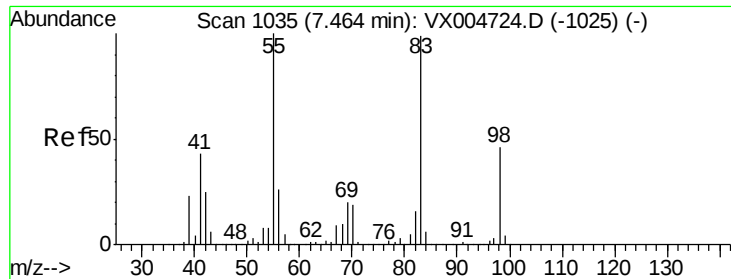


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

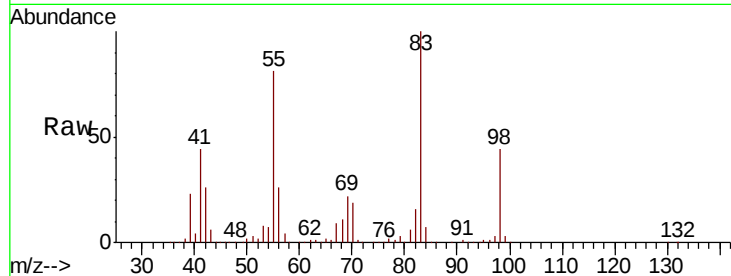




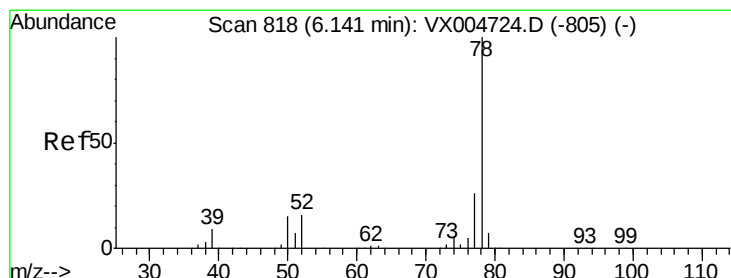
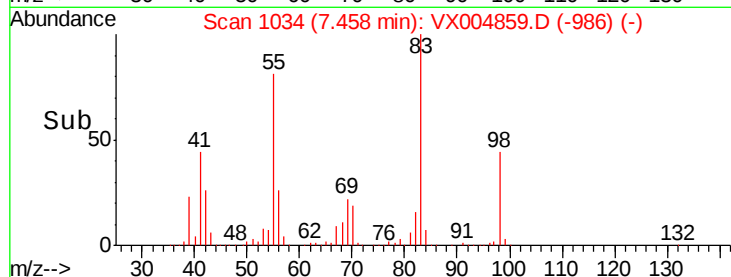
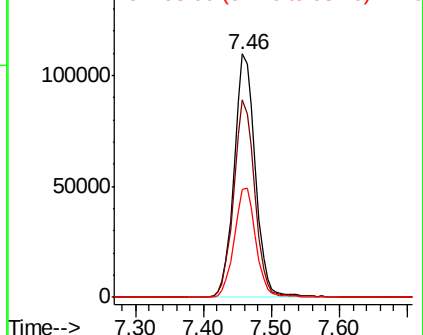
#39
Methvlcvclohexane
Concen: 59.135 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 237772
Ion Ratio Lower Upper
83 100
55 81.1 61.0 91.4
98 44.5 39.6 59.4

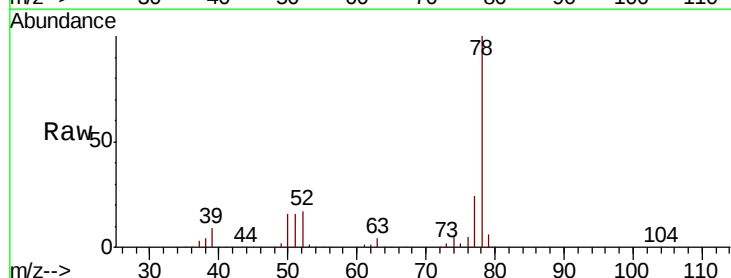


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

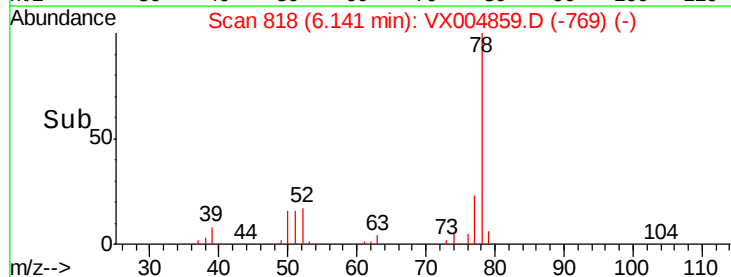
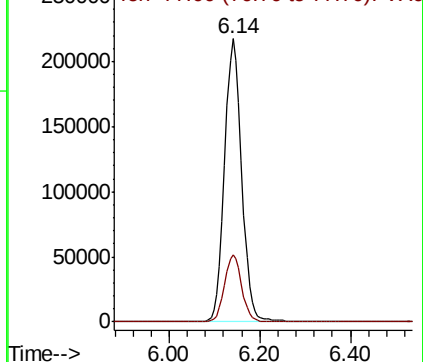


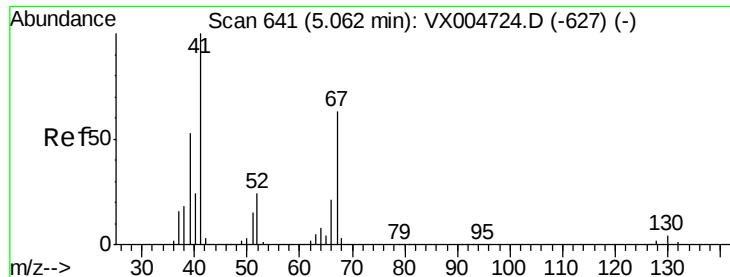
#40
Benzene
Concen: 46.413 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 78 Resp: 572172
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 46.743 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 135495

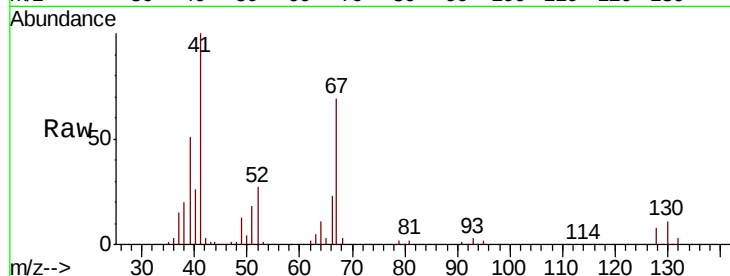
Ion Ratio Lower Upper

41 100

39 53.0 42.4 63.6

67 68.4 59.2 88.8

52 27.6 23.0 34.4

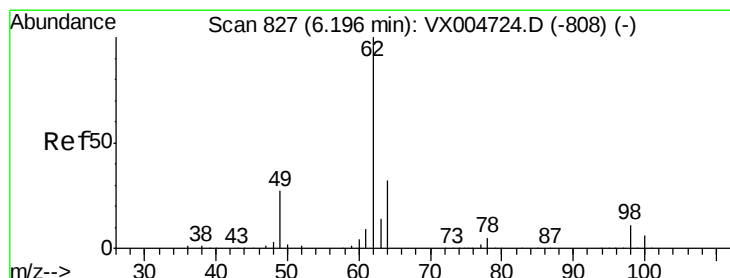
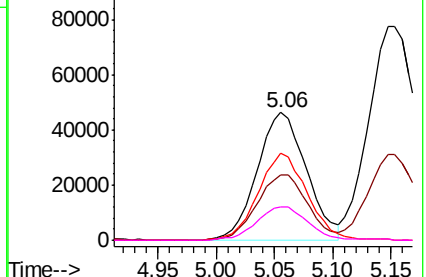
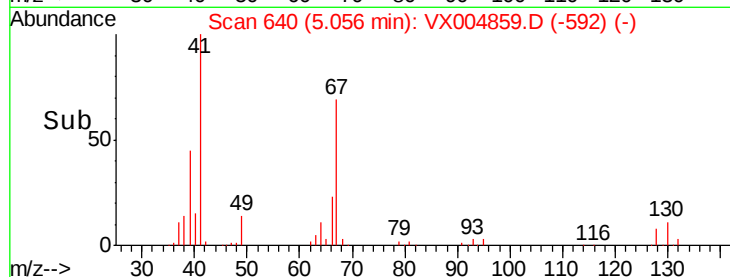


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.645 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX004859.D

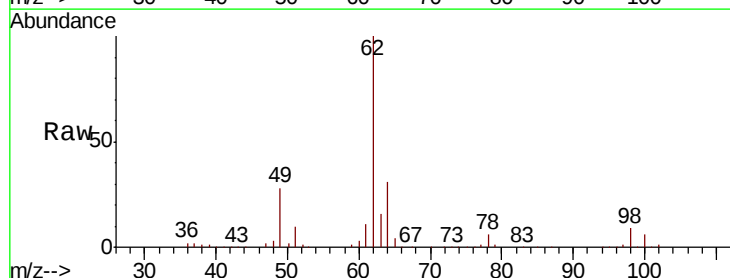
Acq: 01 Oct 2018 09:54

Tgt Ion: 62 Resp: 203279

Ion Ratio Lower Upper

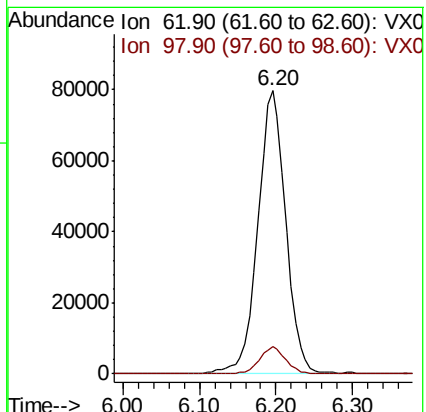
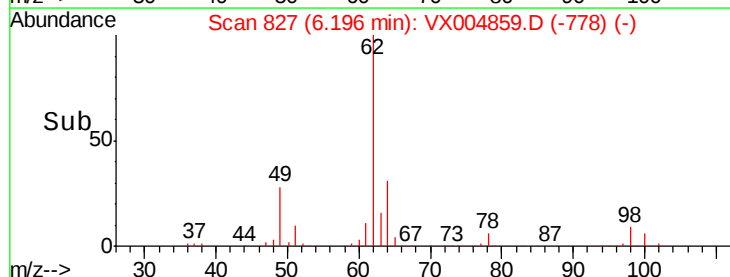
62 100

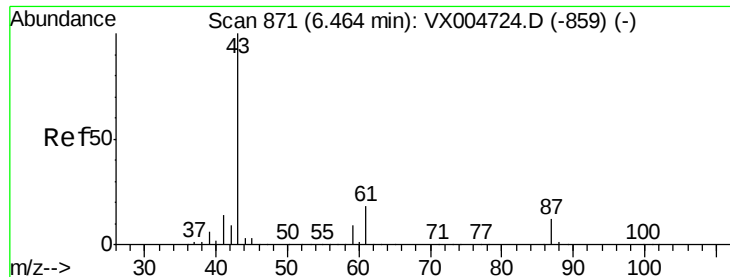
98 9.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.862 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

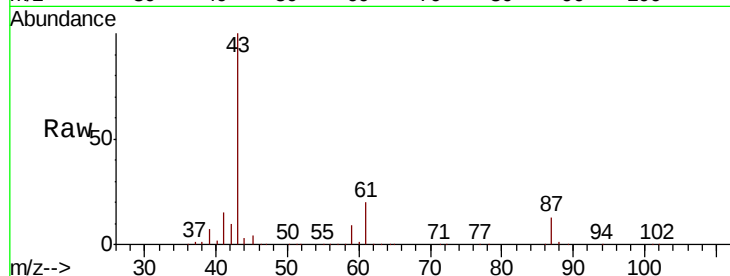
Tot Ion: 43 Resp: 361084

Ion Ratio Lower Upper

43 100

61 19.2 17.0 25.4

87 12.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)

6.46

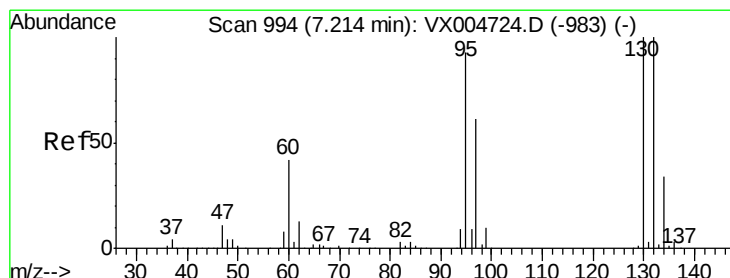
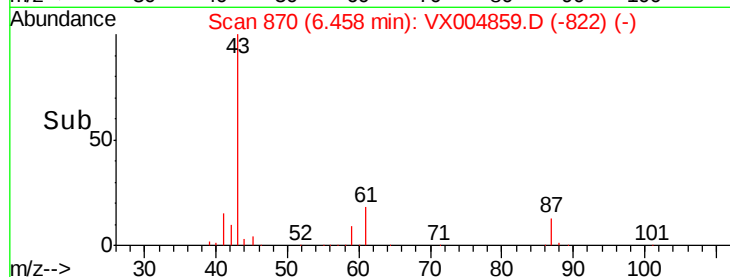
150000

100000

50000

0

Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 51.120 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004859.D

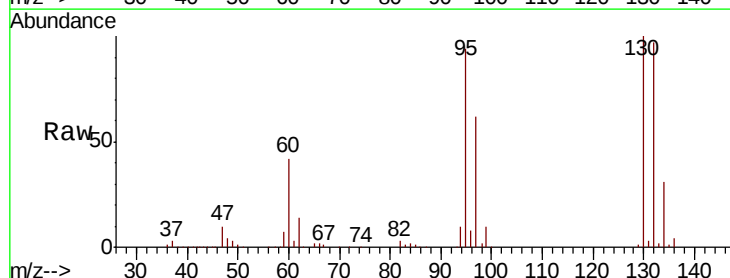
Acq: 01 Oct 2018 09:54

Tgt Ion: 130 Resp: 154921

Ion Ratio Lower Upper

130 100

95 93.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

7.21

80000

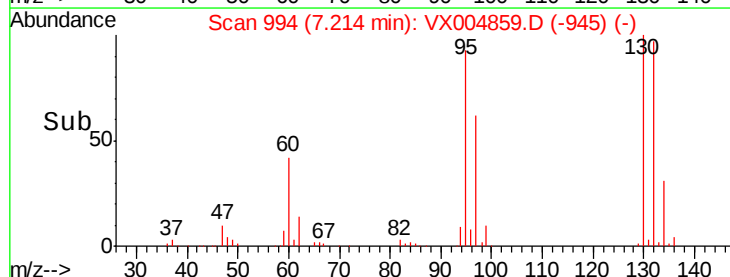
60000

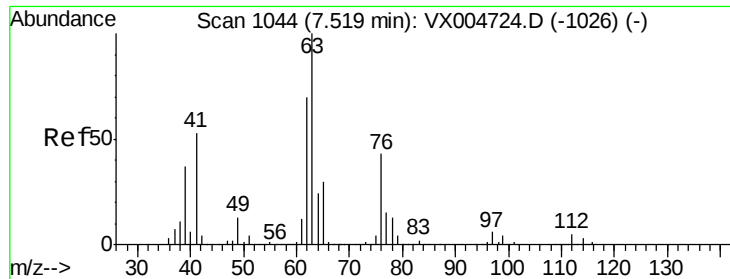
40000

20000

0

Time--> 7.10 7.20 7.30

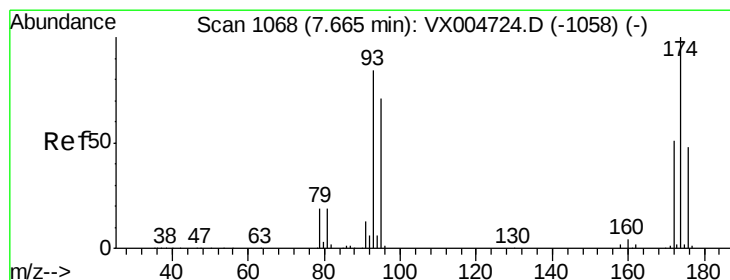
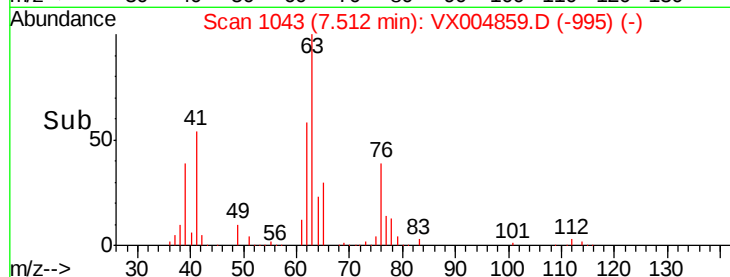
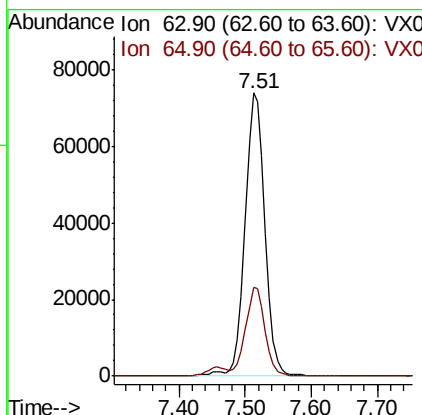
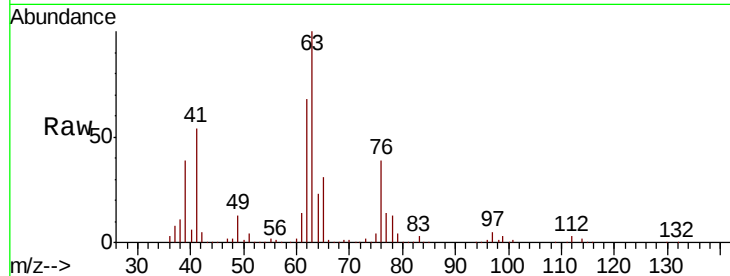




#45
 1,2-Dichloropropane
 Concen: 51.062 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

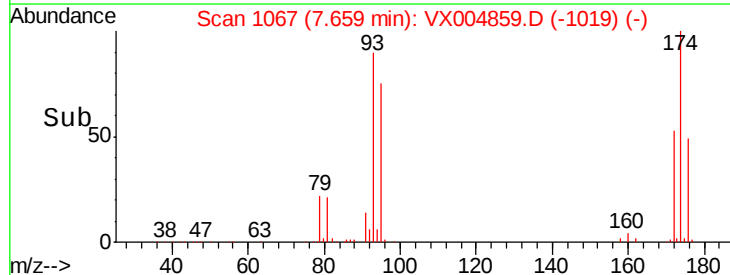
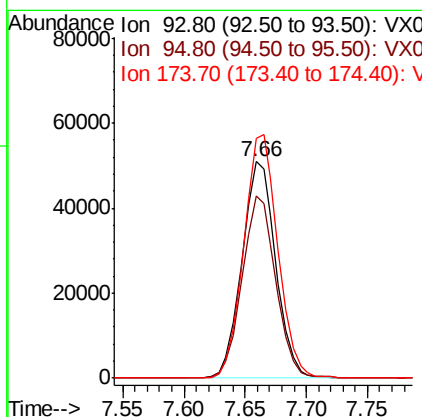
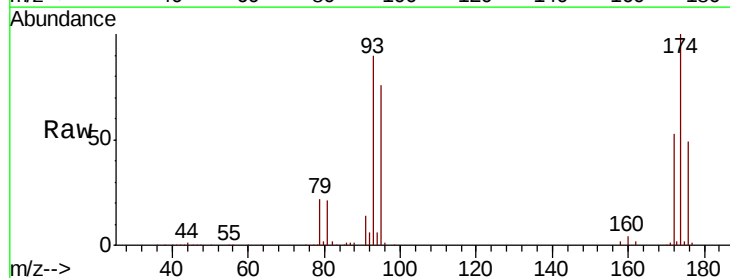
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

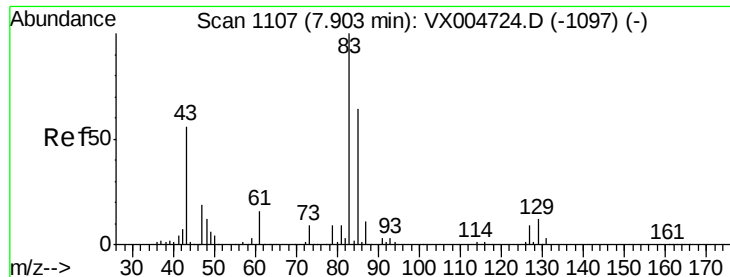
Tot Ion: 63 Resp: 154369
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5



#46
 Dibromomethane
 Concen: 51.172 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion: 93 Resp: 97223
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 114.2 94.2 141.4





#47

Bromodichloromethane

Concen: 53.682 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

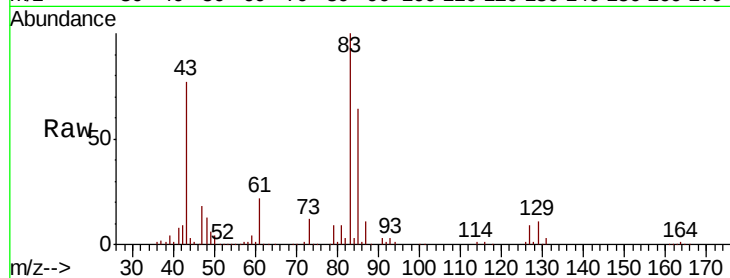
Tot Ion: 83 Resp: 190958

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

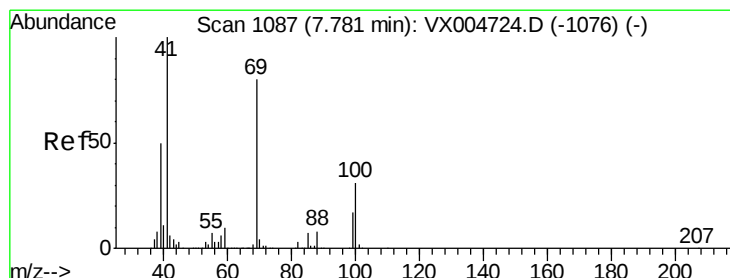
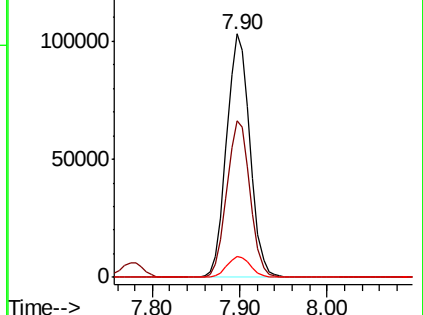
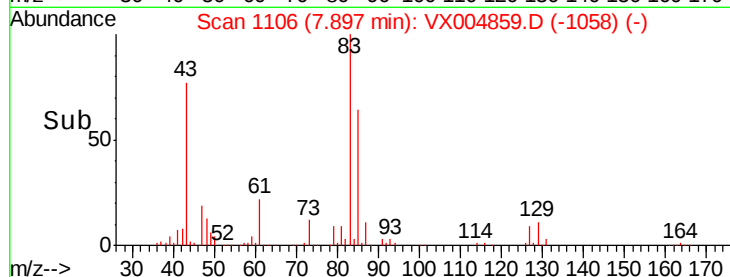
127 8.8 7.3 10.9



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: 55.526 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

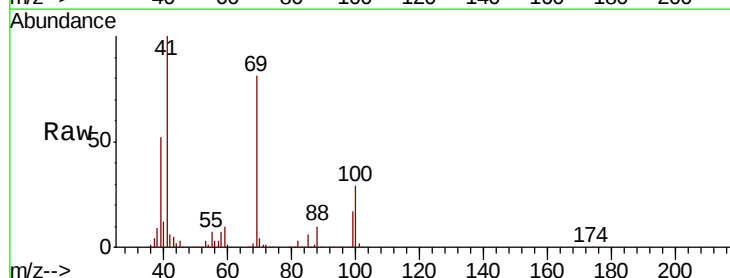
Tgt Ion: 41 Resp: 190134

Ion Ratio Lower Upper

41 100

69 80.1 70.2 105.4

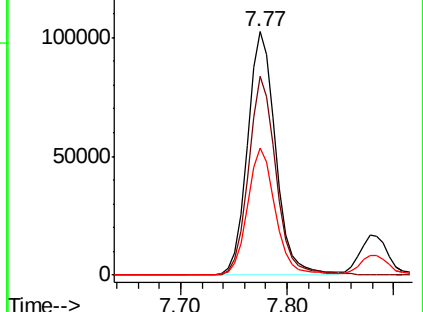
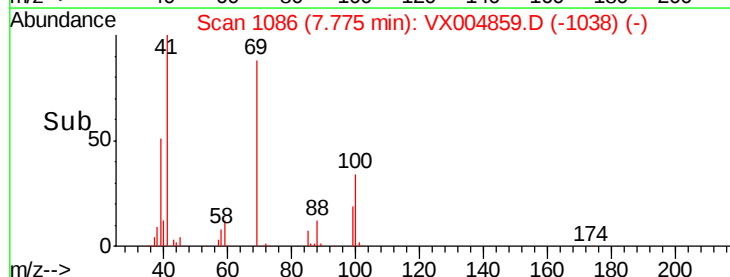
39 51.4 42.7 64.1

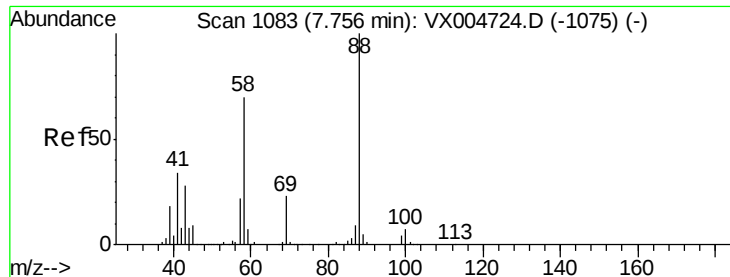


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

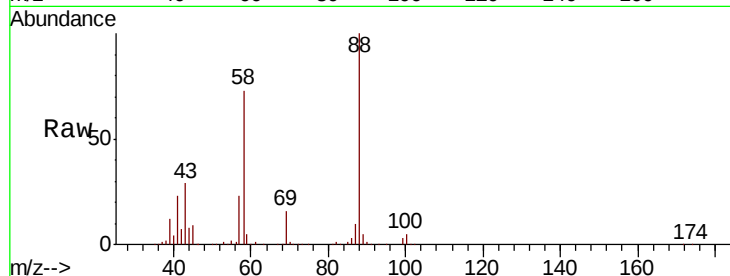




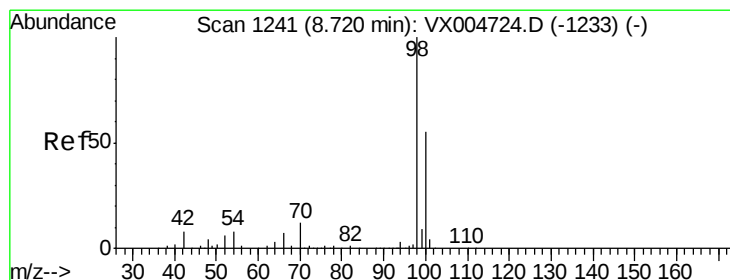
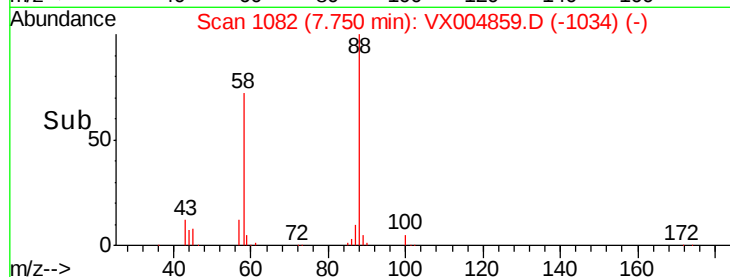
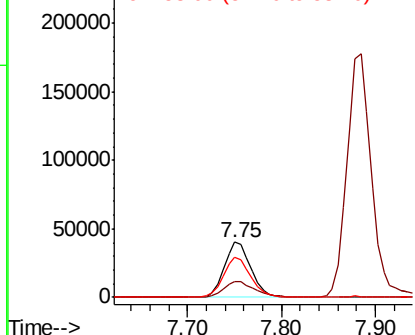
#49
1,4-Dioxane
Concen: 920.752 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 78330
Ion Ratio Lower Upper
88 100
43 33.8 24.7 37.1
58 74.2 55.3 82.9

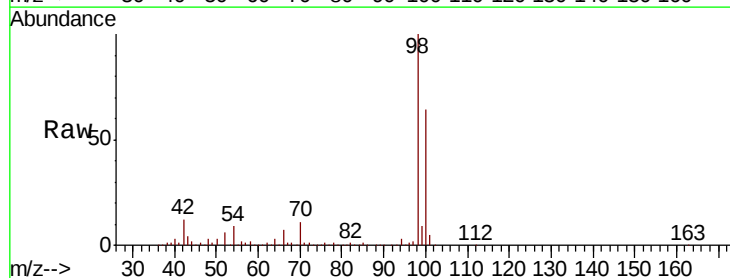


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

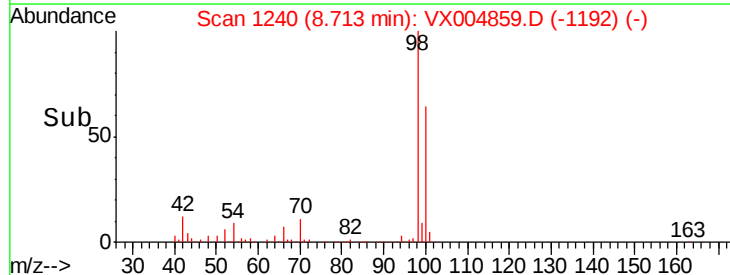
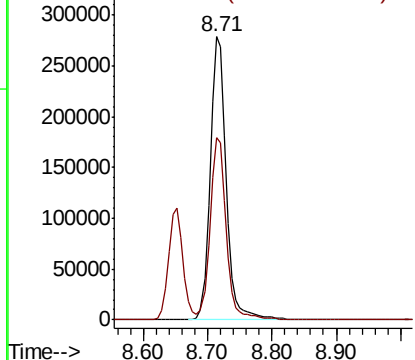


#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 98 Resp: 484475
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



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

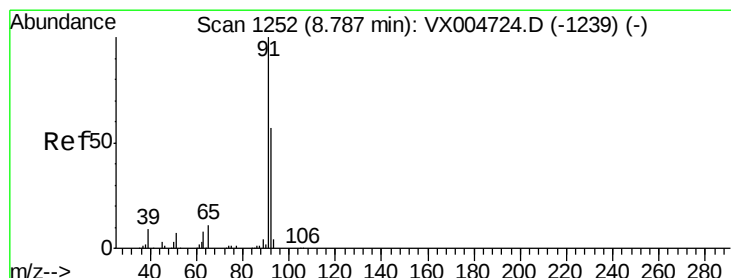
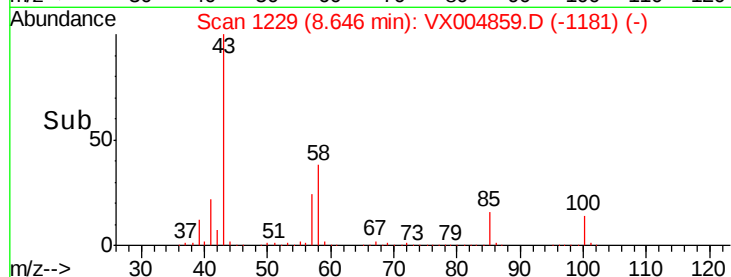
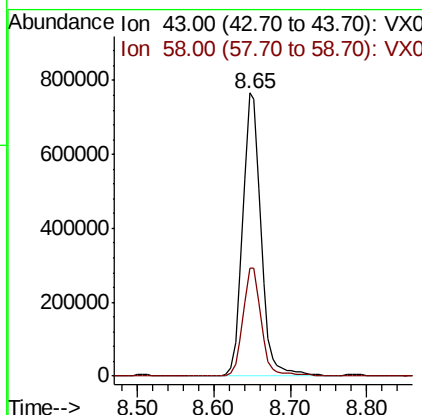
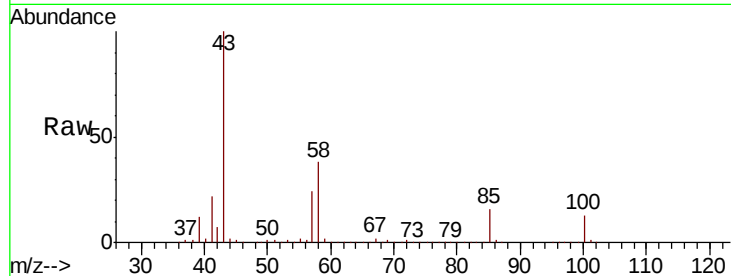




#51
4-Methyl-2-Pentanone
Concen: 267.673 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

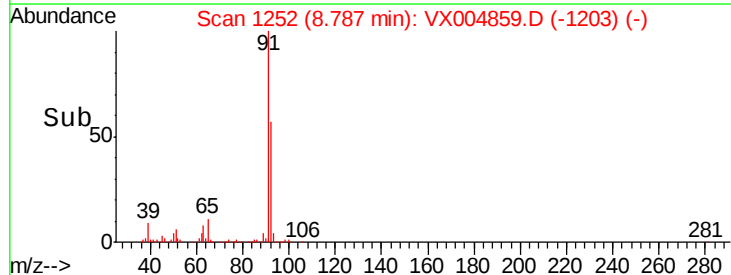
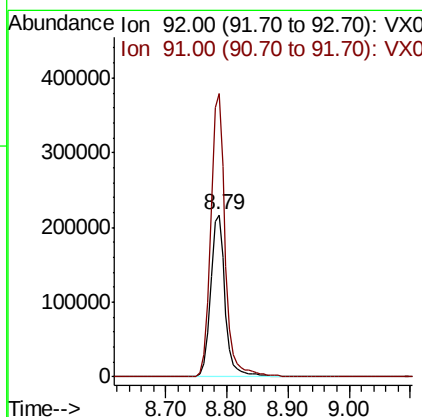
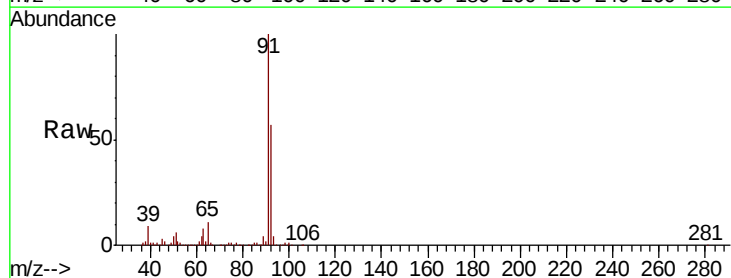
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

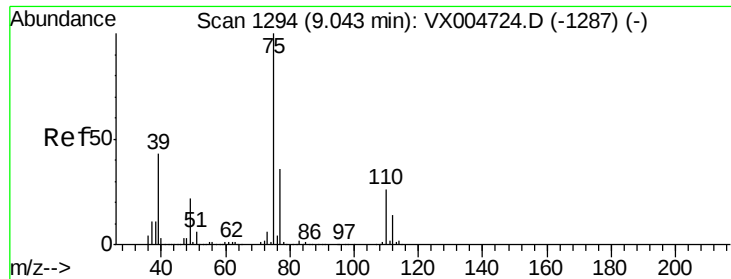
Tot Ion: 43 Resp: 1271512
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7



#52
Toluene
Concen: 53.242 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 92 Resp: 360656
Ion Ratio Lower Upper
92 100
91 174.1 136.4 204.6

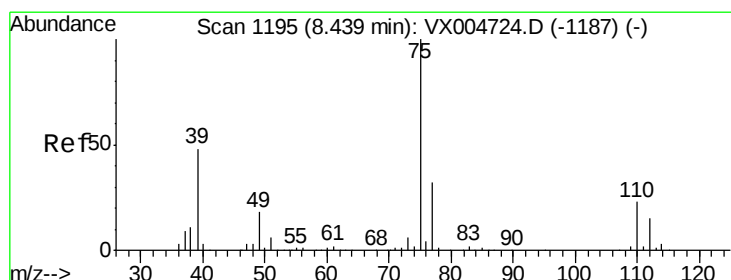
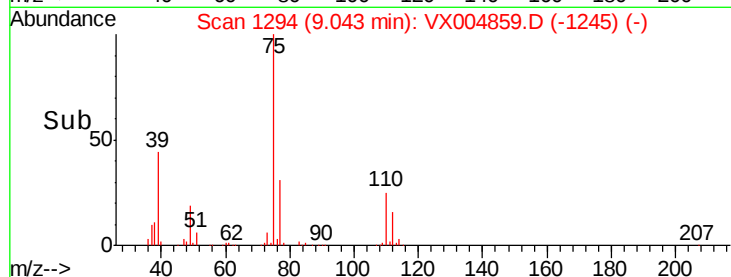
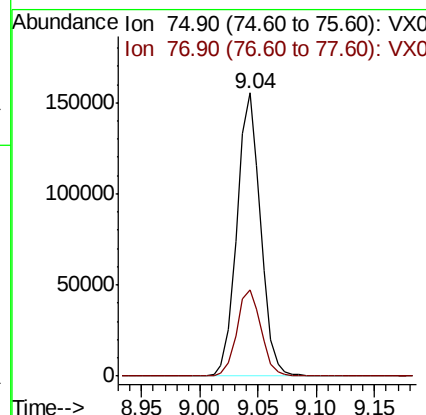
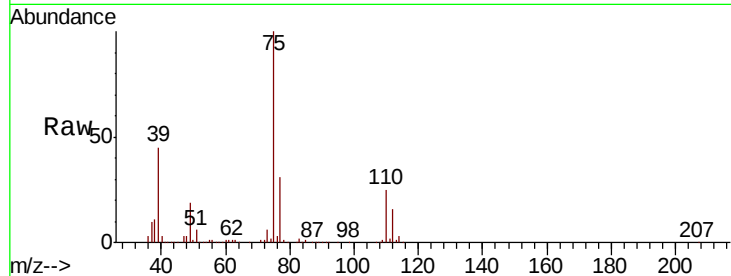




#53
t-1,3-Dichloropropene
Concen: 54.669 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

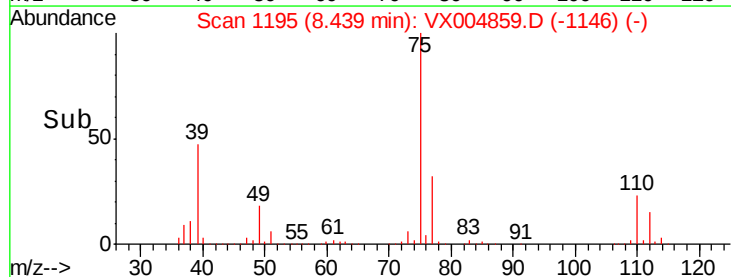
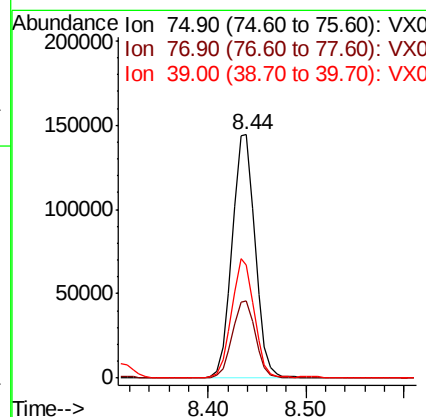
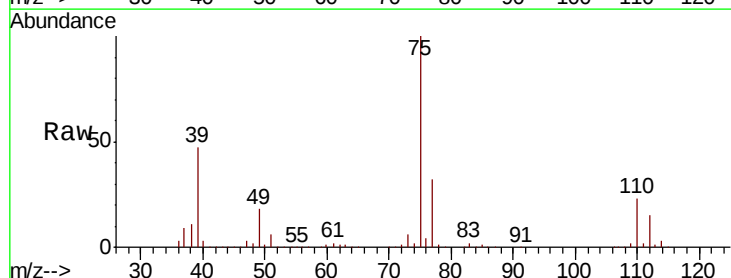
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 219759
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 56.178 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 236534
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
39 46.6 36.4 54.6

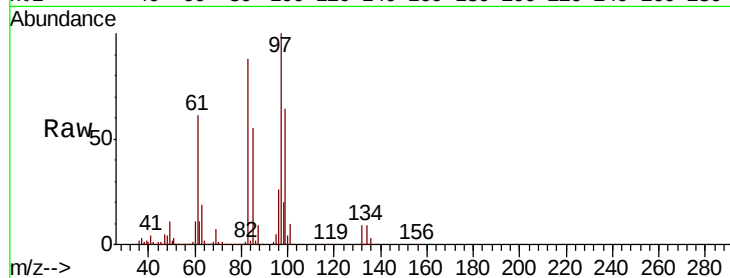




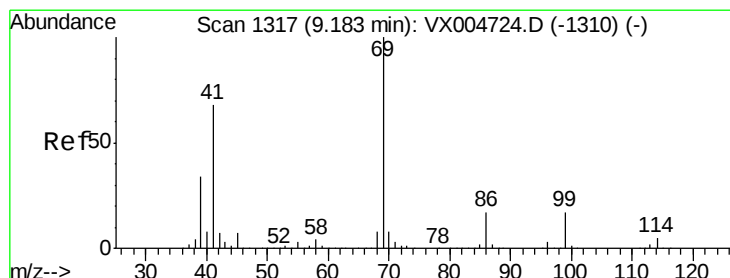
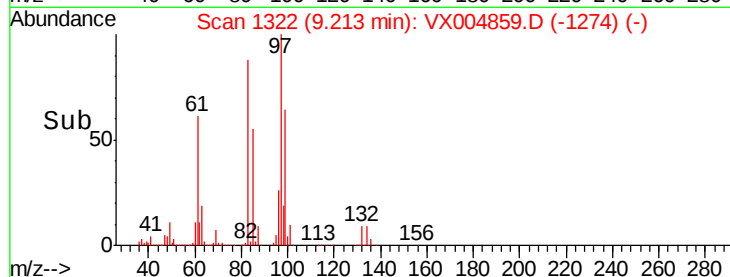
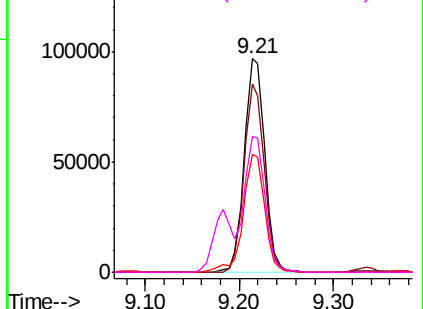
#55
 1,1,2-Trichloroethane
 Concen: 49.758 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	147641
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.4	99.6
85	55.2	43.3	64.9
99	63.5	49.0	73.4

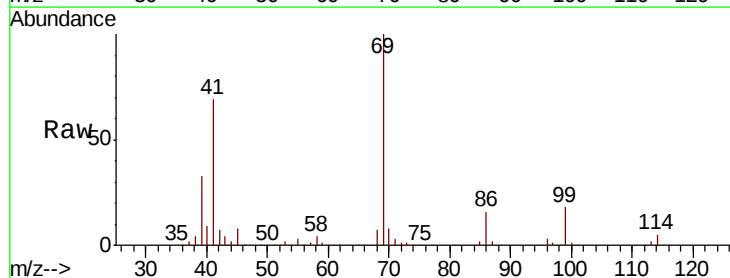


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

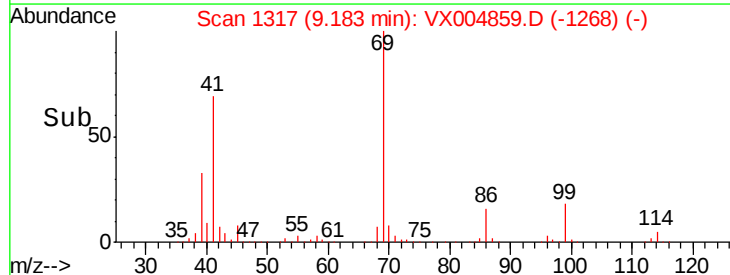
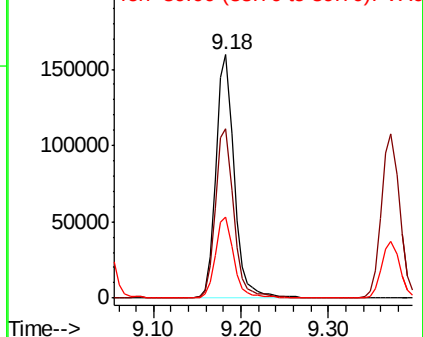


#56
 Ethyl methacrylate
 Concen: 47.808 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion:	69	Resp:	229554
Ion	Ratio	Lower	Upper
69	100		
41	70.1	51.0	76.4
39	33.7	26.1	39.1



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: 49.982 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

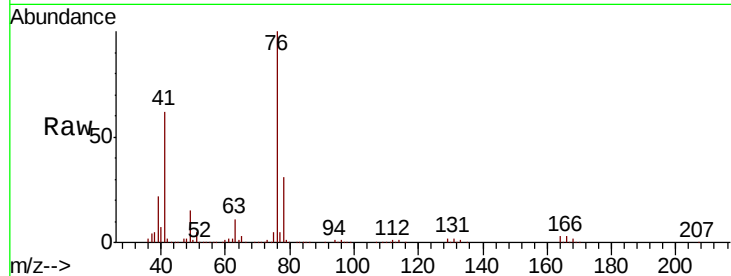
VSTDCCC050

Tot Ion: 76 Resp: 246831

Ion Ratio Lower Upper

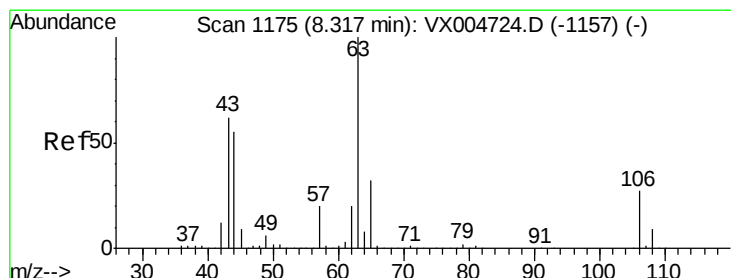
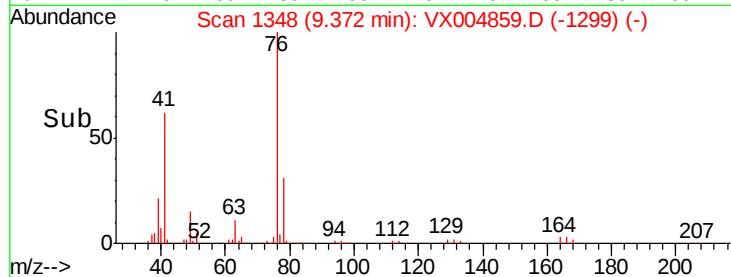
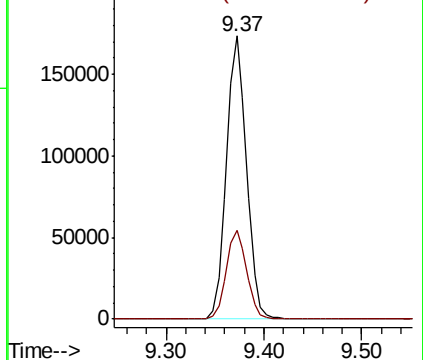
76 100

78 31.9 25.5 38.3



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: 257.279 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004859.D

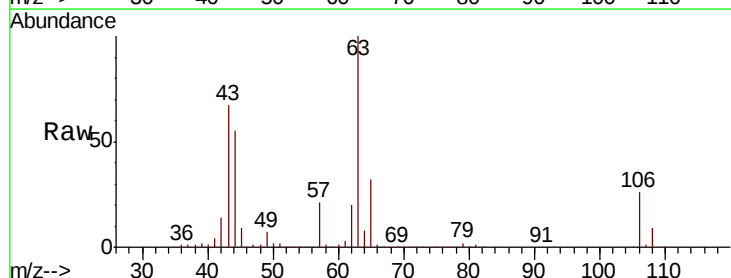
Acq: 01 Oct 2018 09:54

Tgt Ion: 63 Resp: 658902

Ion Ratio Lower Upper

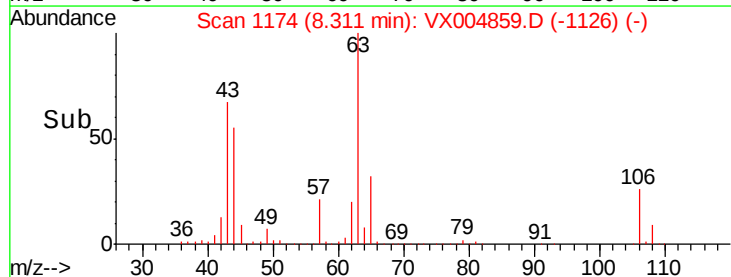
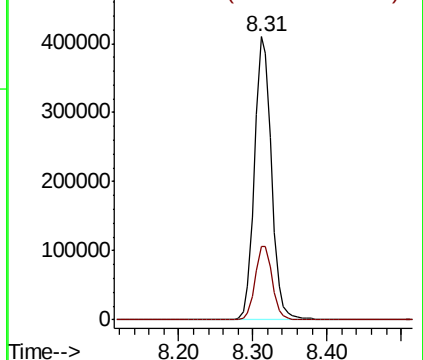
63 100

106 26.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

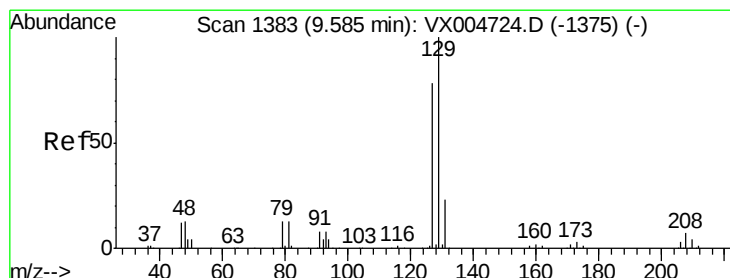
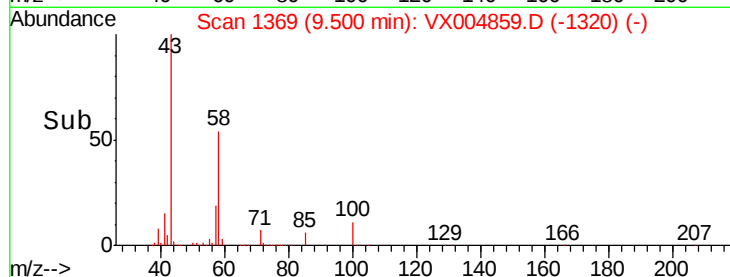
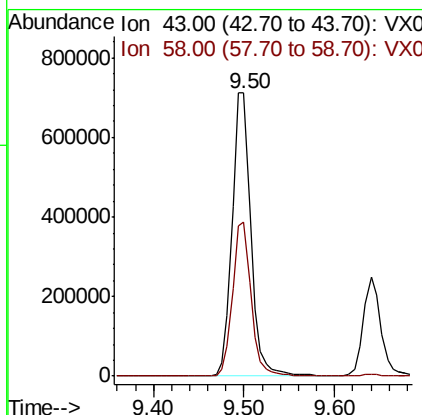
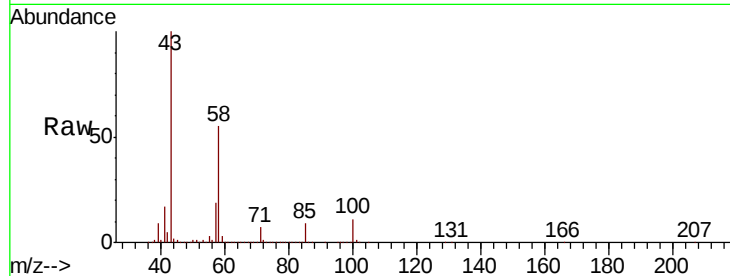




#59
2-Hexanone
Concen: 258.463 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

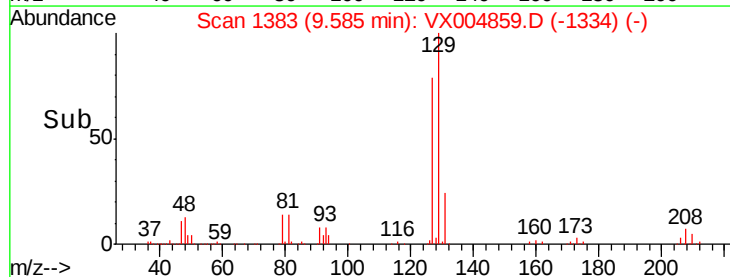
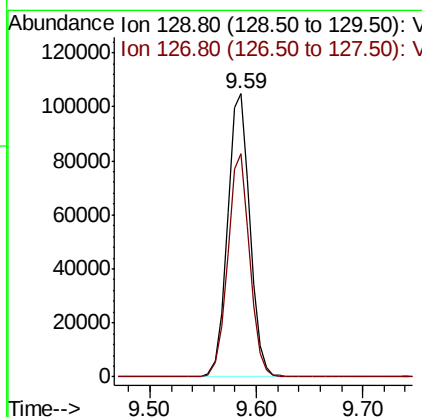
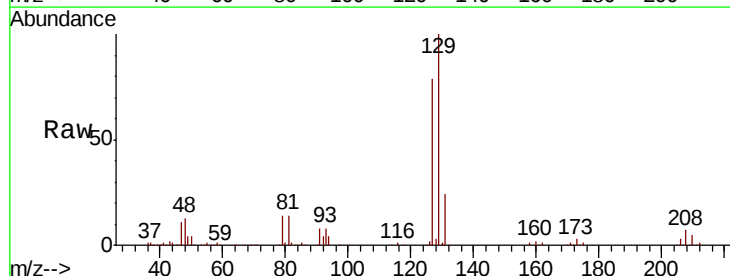
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

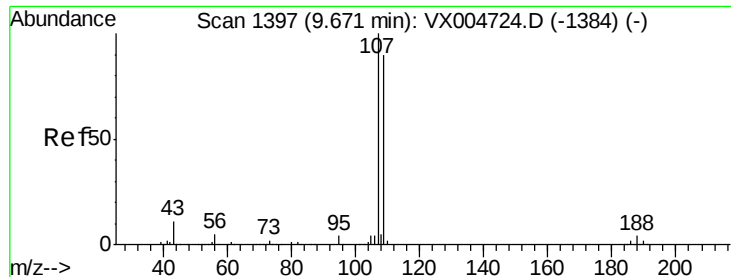
Tot Ion: 43 Resp: 1023118
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0



#60
Dibromochloromethane
Concen: 51.761 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 129 Resp: 153596
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.294 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

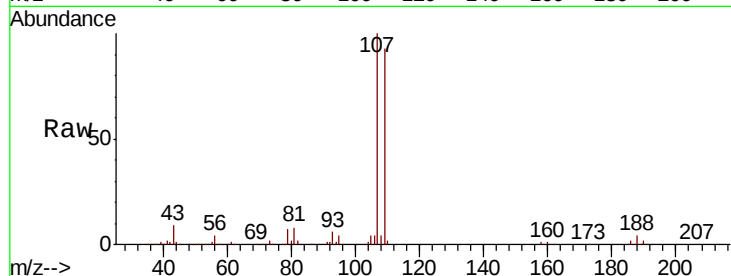
VSTDCCC050

Tot Ion:107 Resp: 153465

Ion Ratio Lower Upper

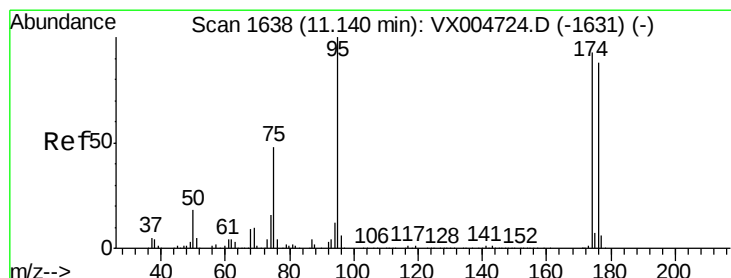
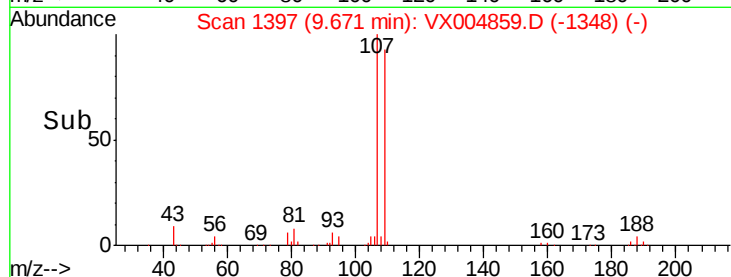
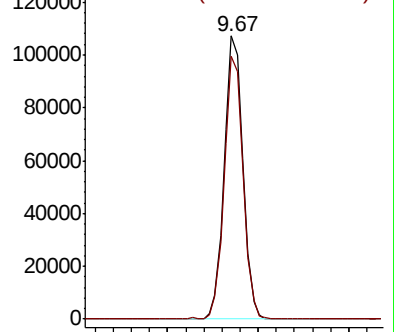
107 100

109 93.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.736 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

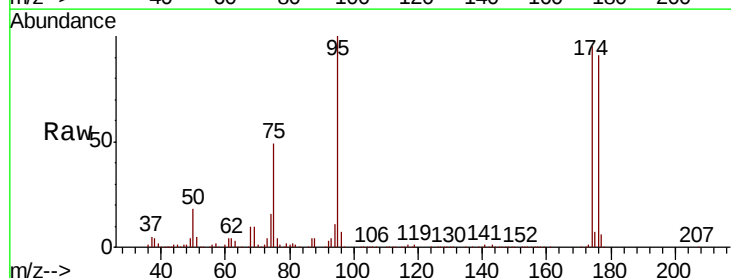
Tgt Ion: 95 Resp: 182286

Ion Ratio Lower Upper

95 100

174 90.9 0.0 185.2

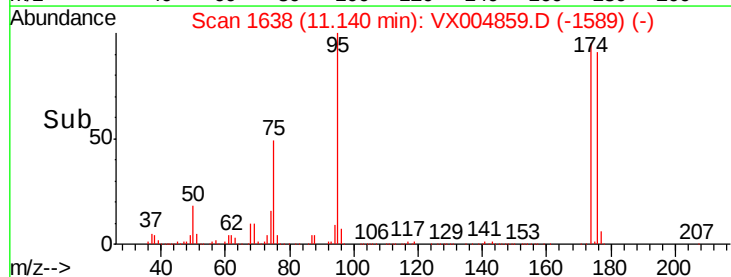
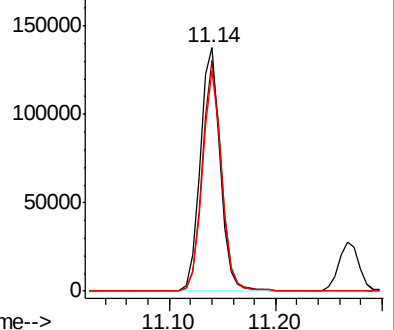
176 87.6 0.0 178.6

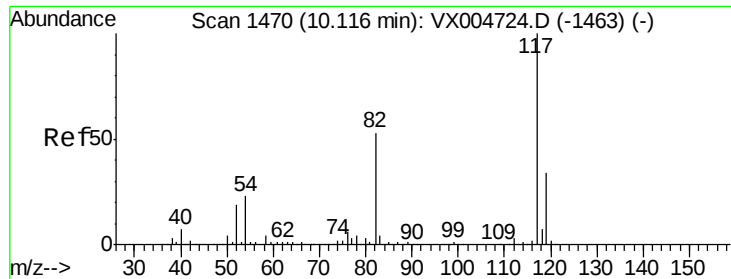


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

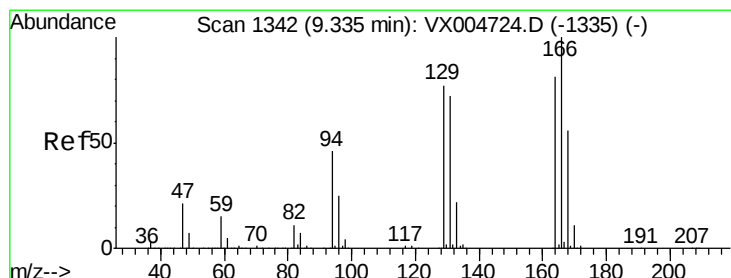
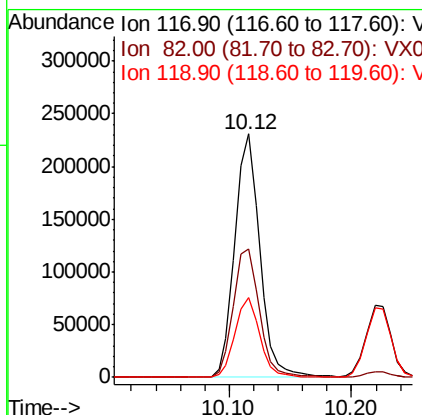
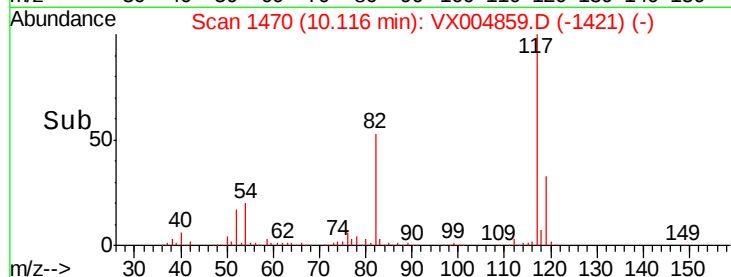
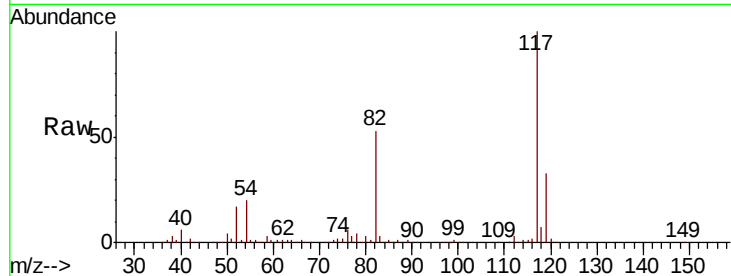




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

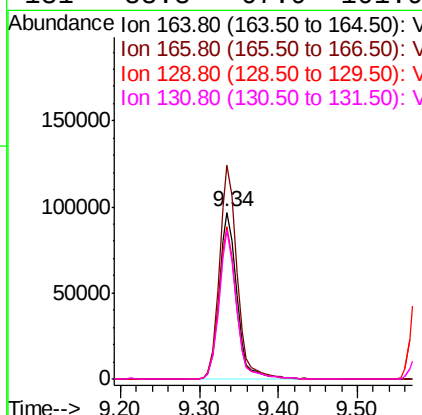
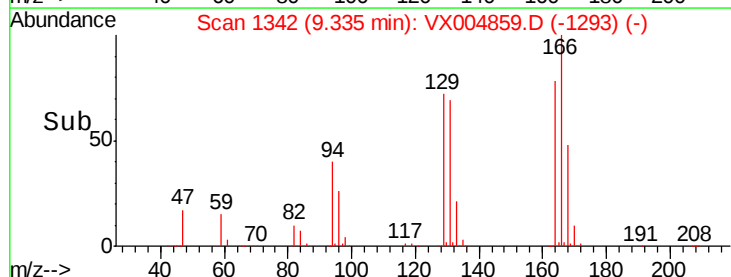
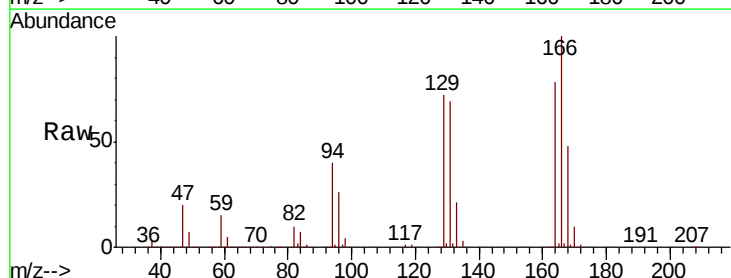
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

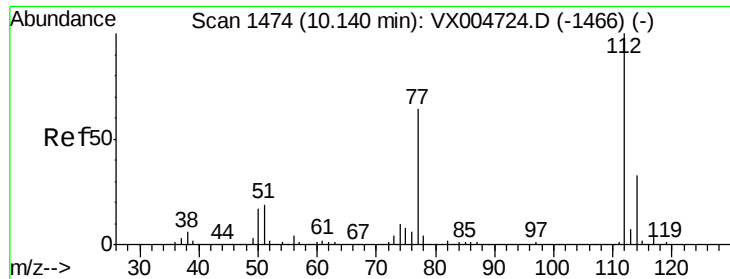
Tot Ion:117 Resp: 326796
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 32.9 29.3 43.9



#64
Tetrachloroethene
Concen: 47.284 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:164 Resp: 152082
Ion Ratio Lower Upper
164 100
166 128.3 102.8 154.2
129 91.9 69.4 104.0
131 88.8 67.9 101.9

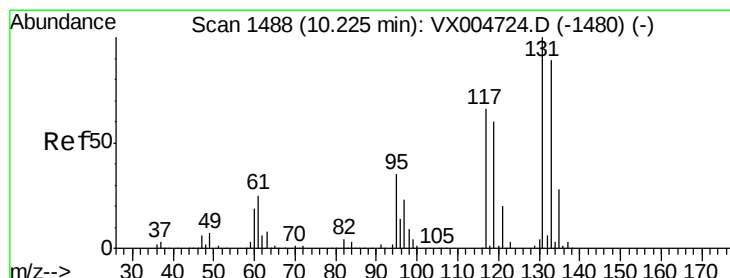
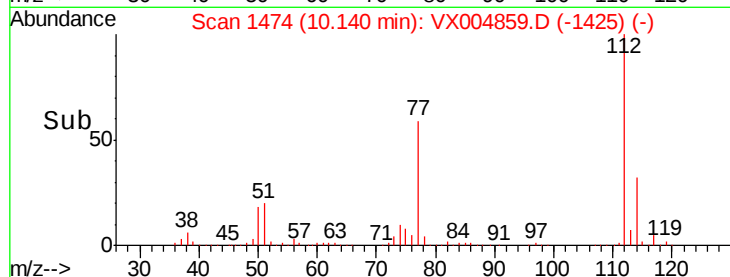
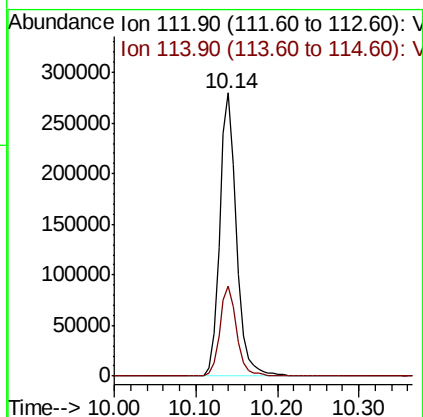
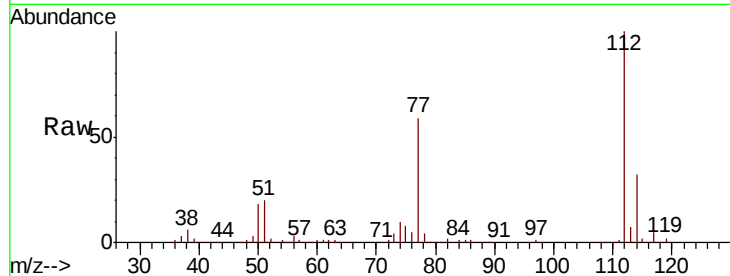




#65
Chlorobenzene
Concen: 47.952 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

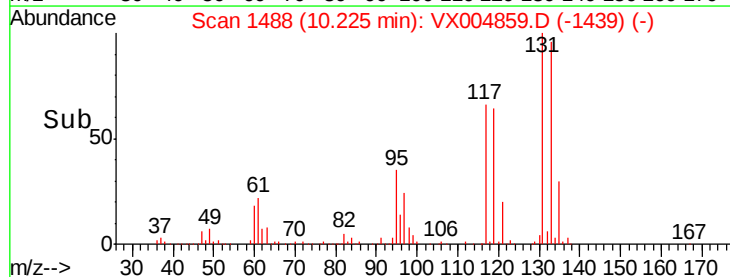
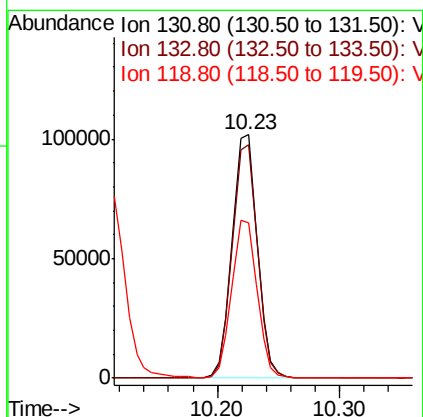
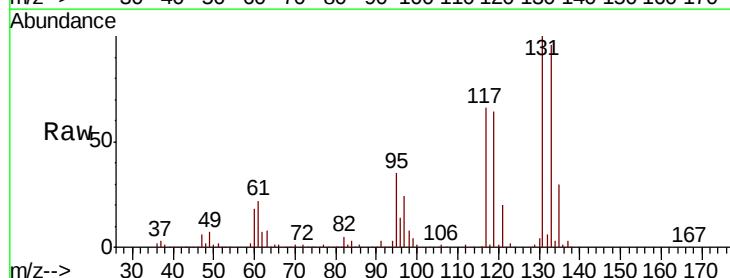
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

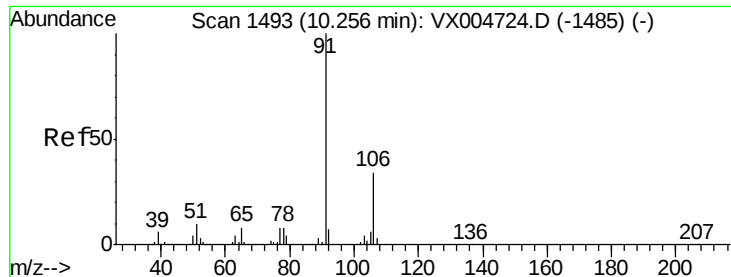
Tot Ion:112 Resp: 401836
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.028 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:131 Resp: 144439
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 65.6 32.9 98.6





#67

Ethyl Benzene

Concen: 51.842 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

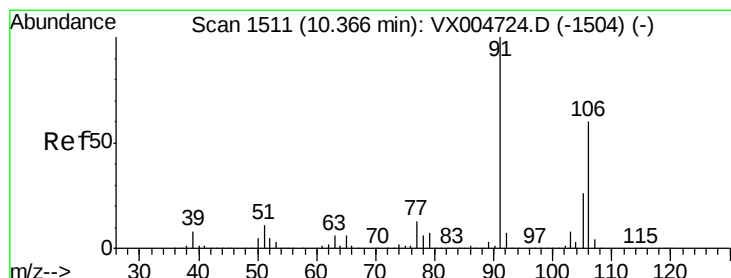
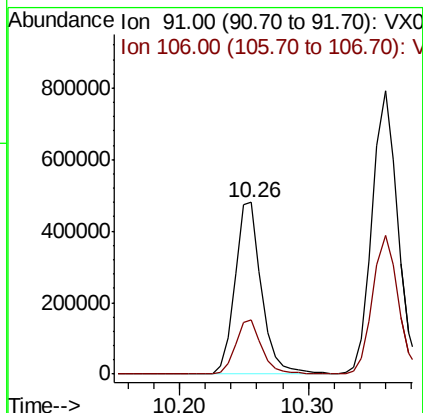
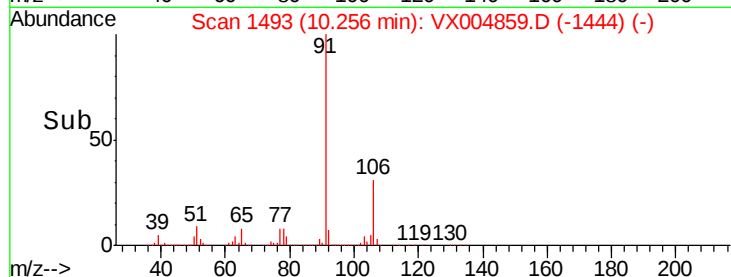
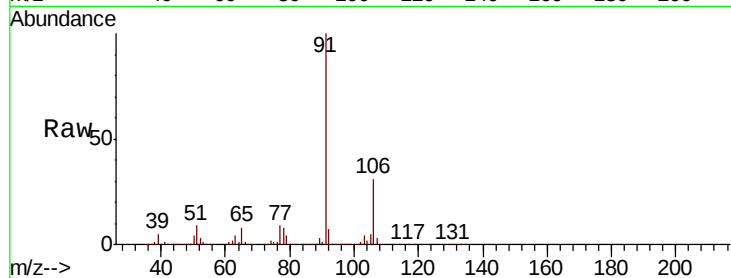
VSTDCCC050

Tot Ion: 91 Resp: 689724

Ion Ratio Lower Upper

91 100

106 31.5 25.9 38.9



#68

m/p-Xylenes

Concen: 104.738 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004859.D

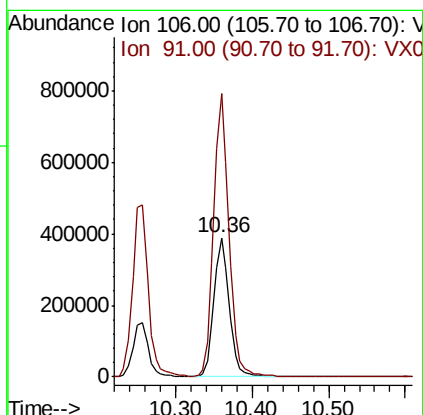
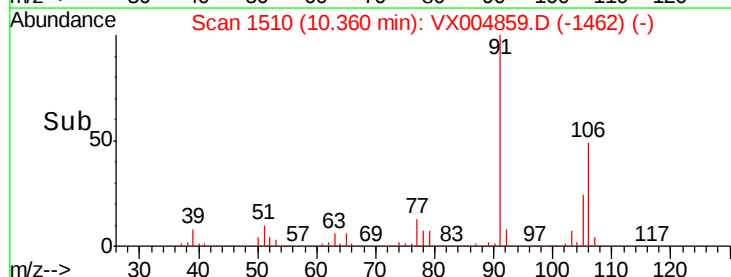
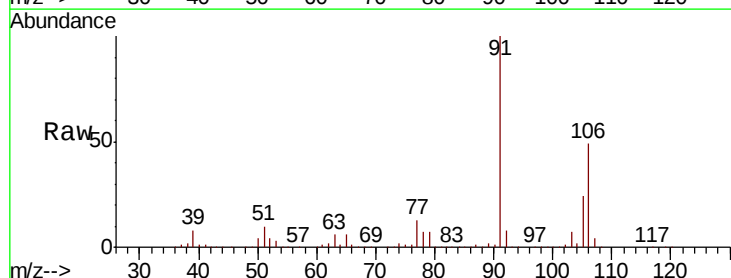
Acq: 01 Oct 2018 09:54

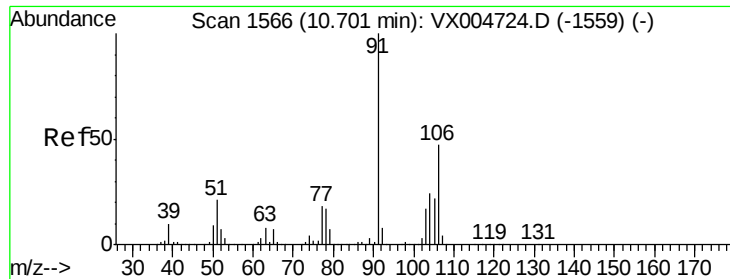
Tgt Ion: 106 Resp: 544525

Ion Ratio Lower Upper

106 100

91 203.1 157.1 235.7

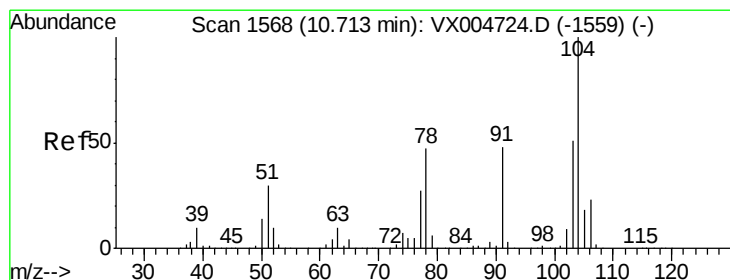
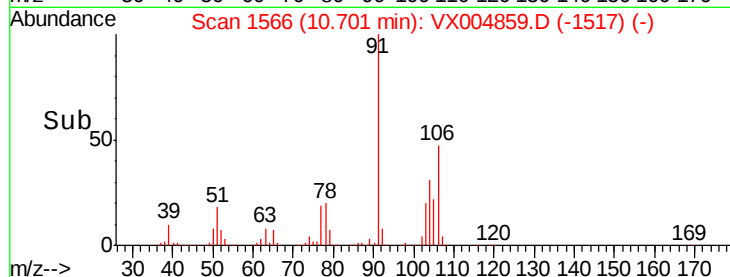
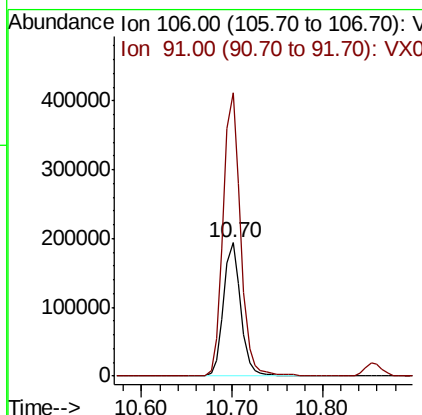
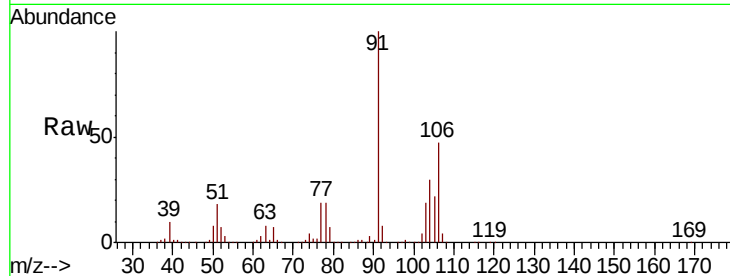




#69
o-Xylene
Concen: 54.029 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

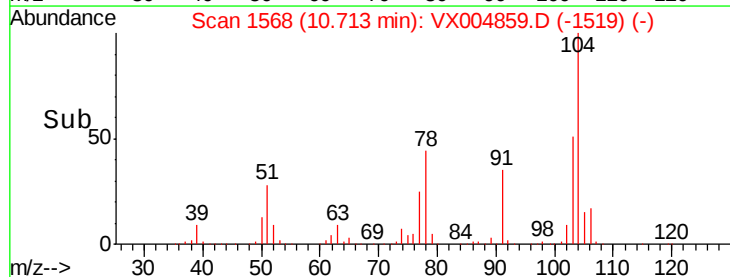
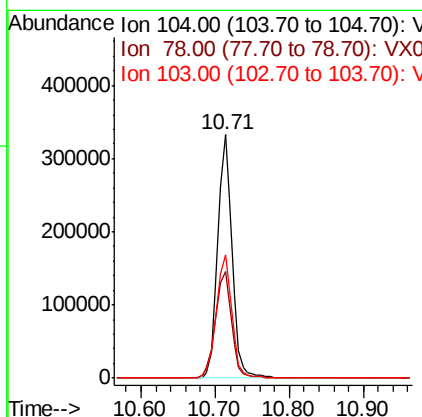
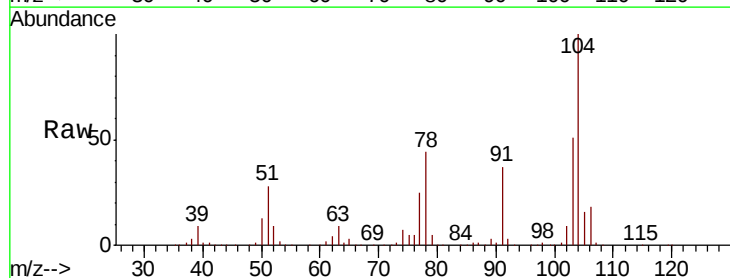
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 258000
Ion Ratio Lower Upper
106 100
91 214.2 105.1 315.1



#70
Styrene
Concen: 49.470 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:104 Resp: 441609
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 50.781 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

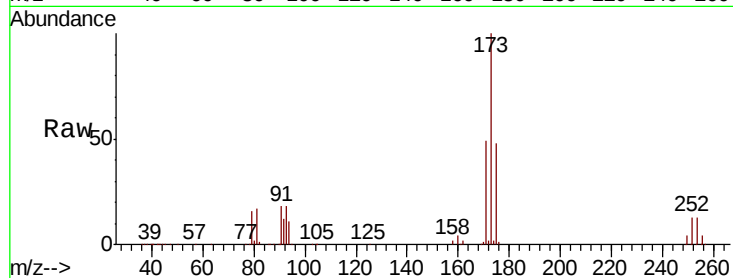
Tot Ion:173 Resp: 128079

Ion Ratio Lower Upper

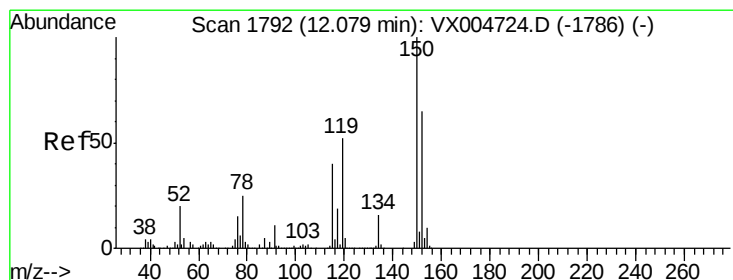
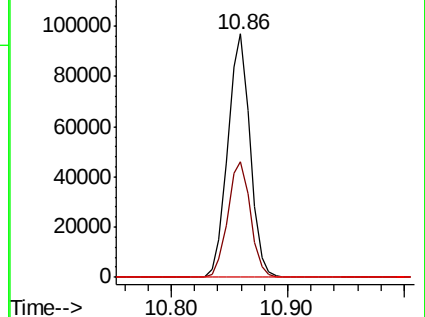
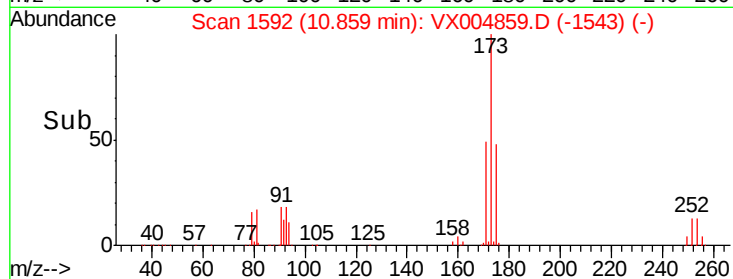
173 100

175 48.5 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

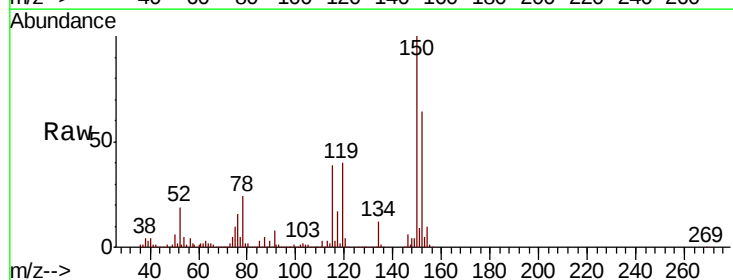
Tgt Ion:152 Resp: 206846

Ion Ratio Lower Upper

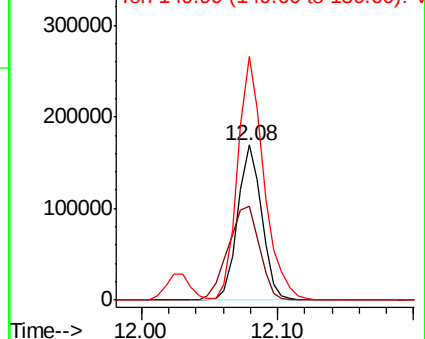
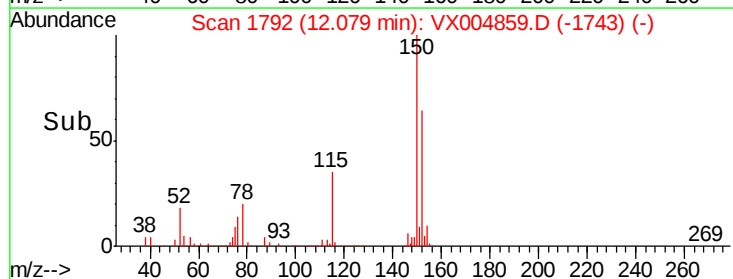
152 100

115 79.7 39.0 117.0

150 173.1 0.0 351.0



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: 53.627 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

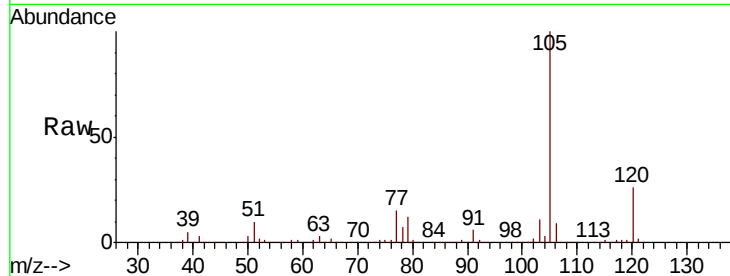
VSTDCCC050

Tot Ion: 105 Resp: 699183

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

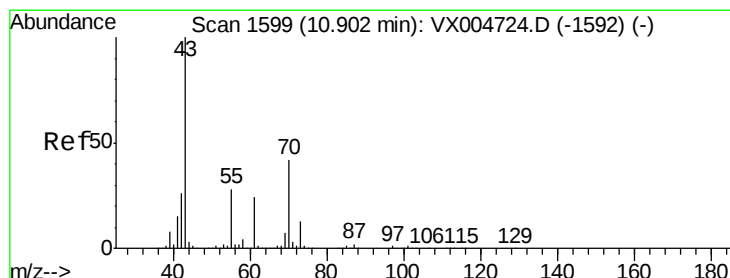
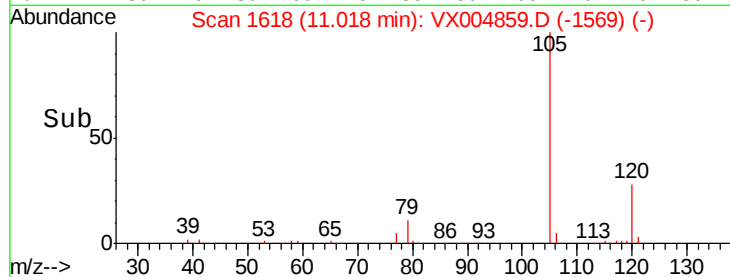
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 46.231 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Tgt Ion: 43 Resp: 330320

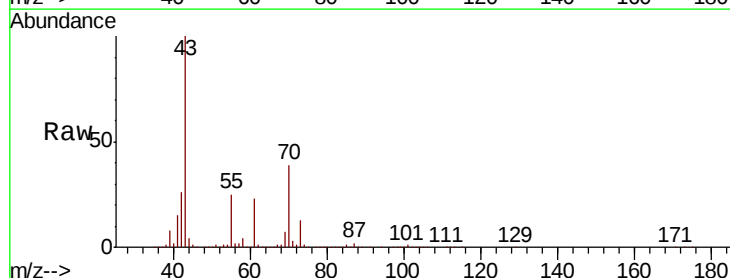
Ion Ratio Lower Upper

43 100

70 40.6 37.4 56.0

55 25.5 21.8 32.8

61 23.5 20.6 30.8



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

400000

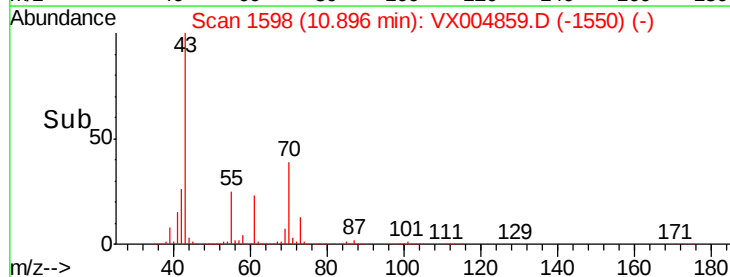
300000

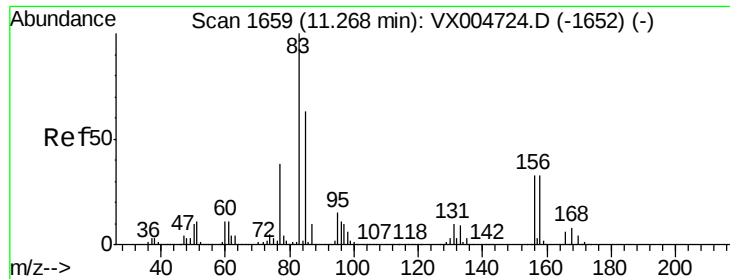
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

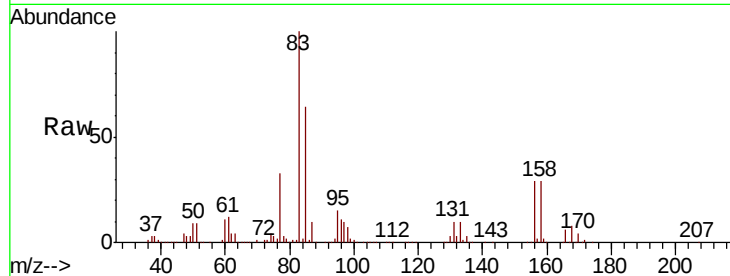
Tot Ion: 83 Resp: 241948

Ion Ratio Lower Upper

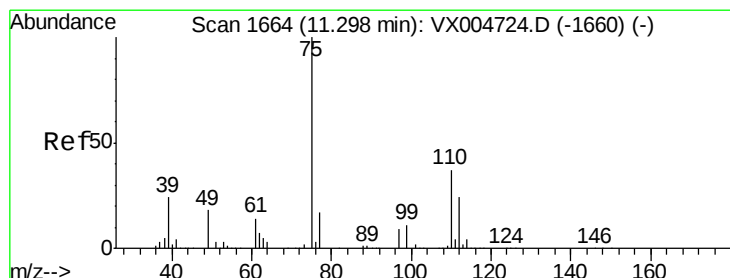
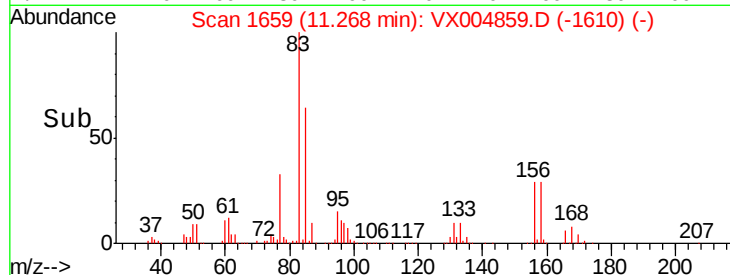
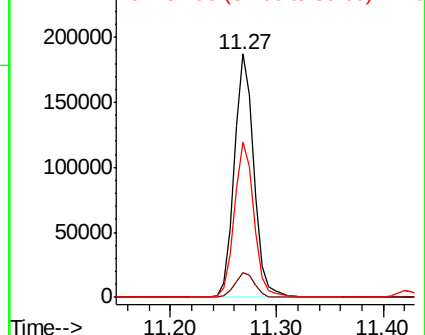
83 100

131 10.3 5.2 15.6

85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.225 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004859.D

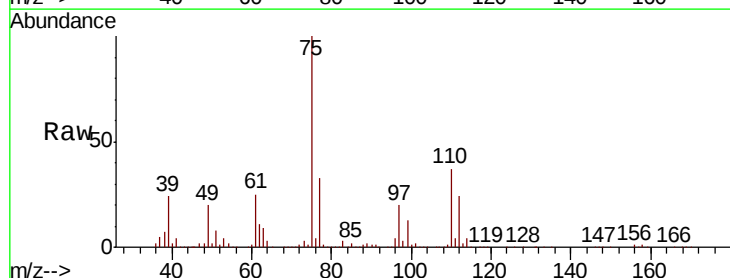
Acq: 01 Oct 2018 09:54

Tgt Ion: 75 Resp: 288488

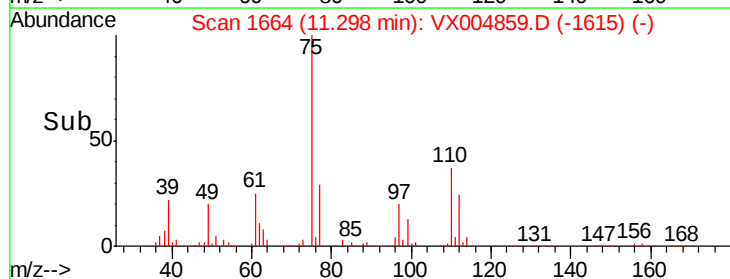
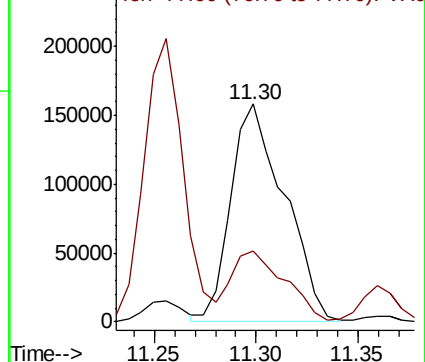
Ion Ratio Lower Upper

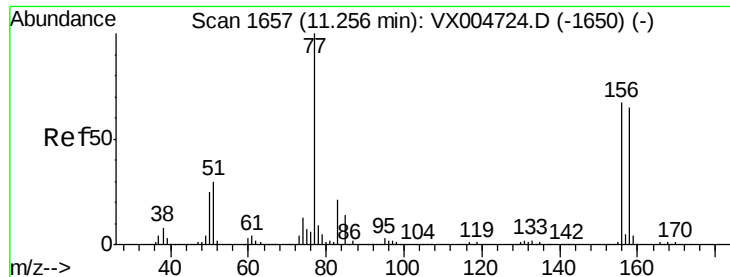
75 100

77 32.3 20.2 60.6



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





#77

Bromobenzene

Concen: 49.044 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

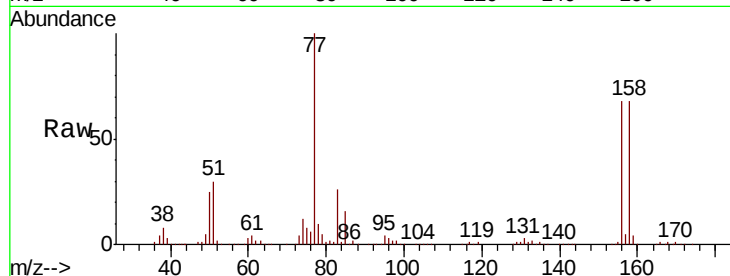
Tot Ion:156 Resp: 185726

Ion Ratio Lower Upper

156 100

77 148.0 71.5 214.3

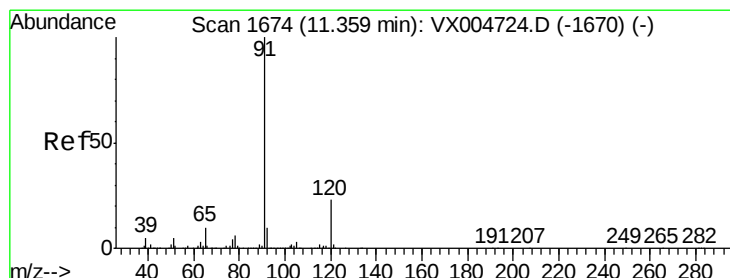
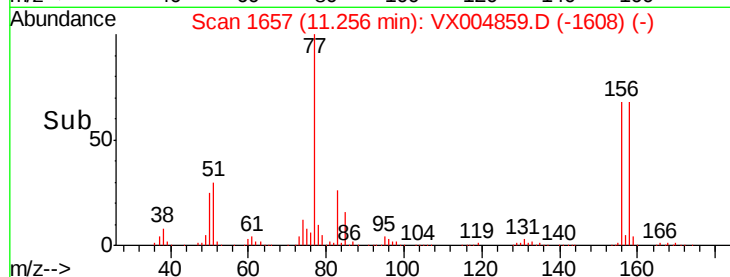
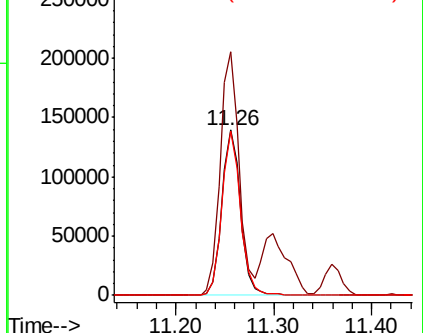
158 98.3 48.9 146.8



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: 55.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004859.D

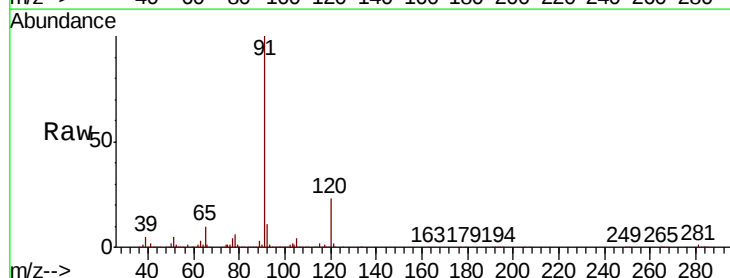
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 829342

Ion Ratio Lower Upper

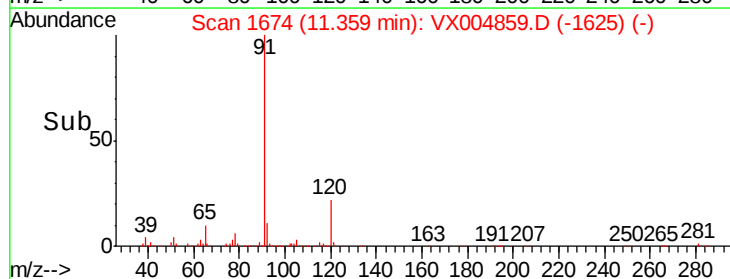
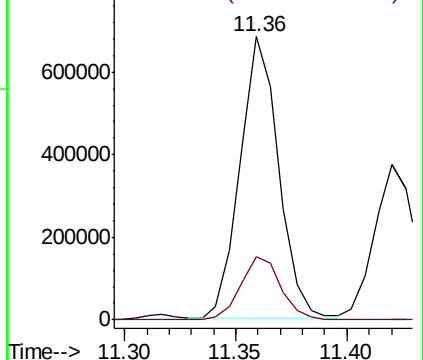
91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

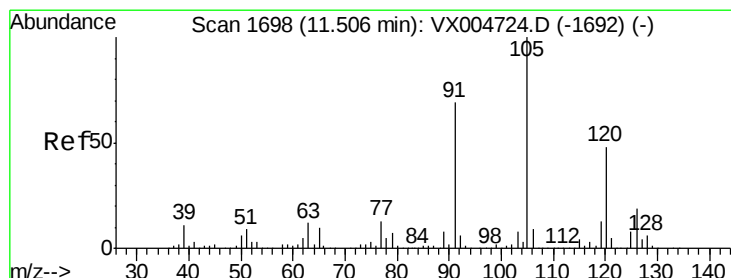
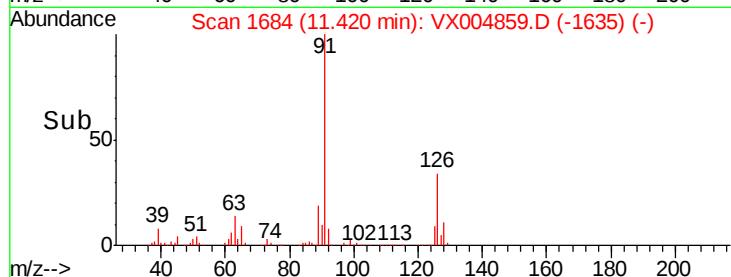
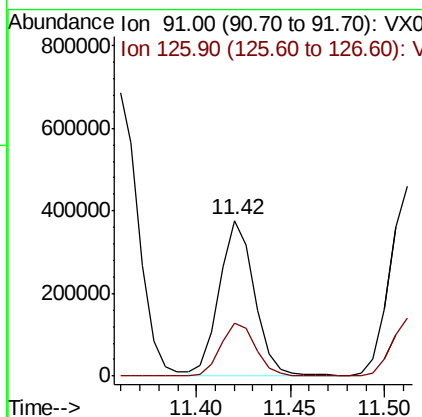
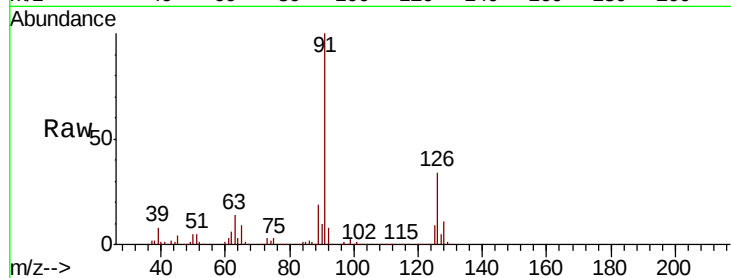




#79
 2-Chlorotoluene
 Concen: 51.343 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

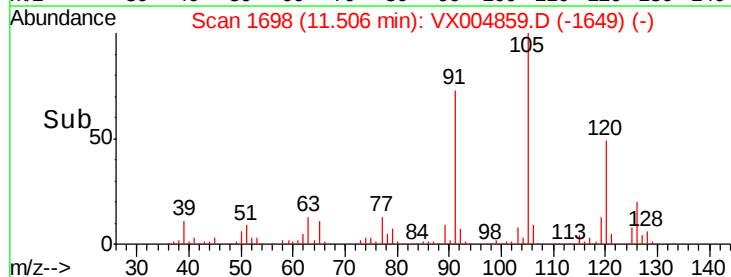
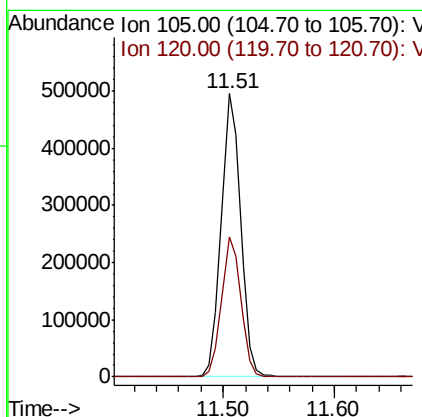
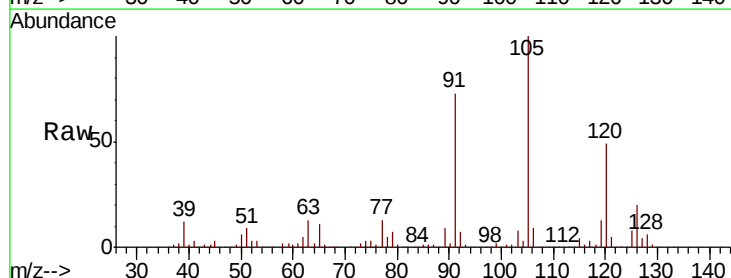
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 478739
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.399 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion: 105 Resp: 602232
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.911 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

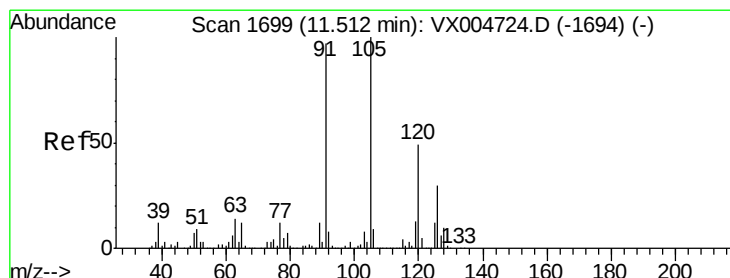
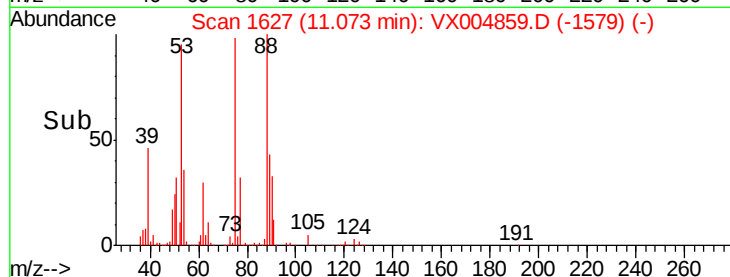
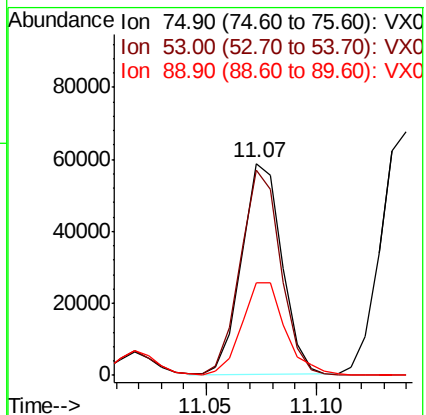
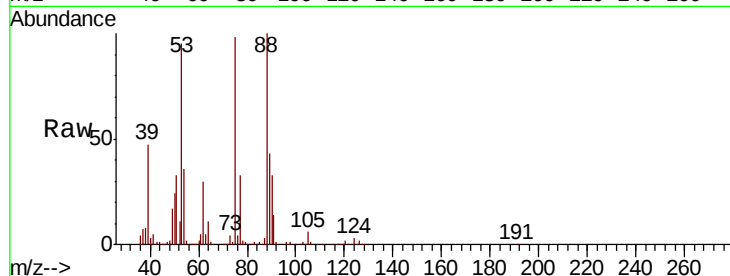
Tot Ion: 75 Resp: 74215

Ion Ratio Lower Upper

75 100

53 96.5 80.1 120.1

89 47.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 52.474 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004859.D

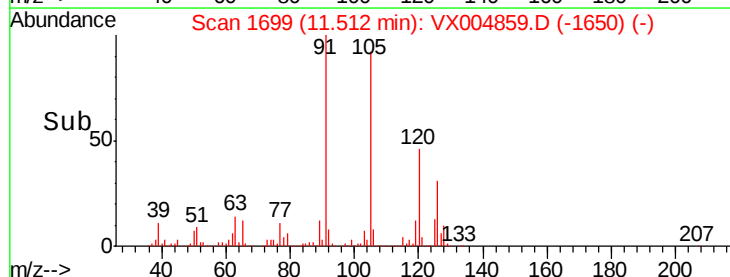
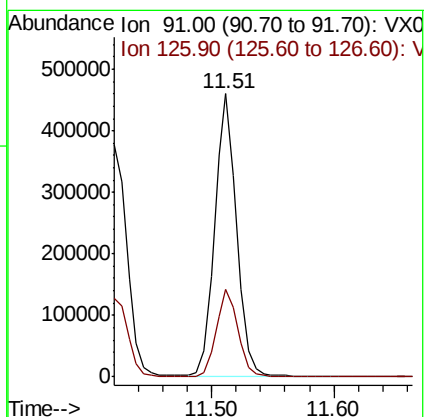
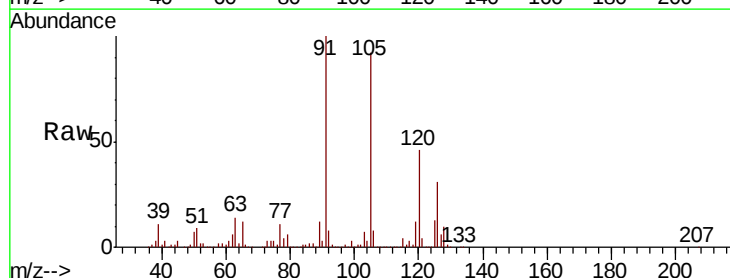
Acq: 01 Oct 2018 09:54

Tgt Ion: 91 Resp: 575919

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

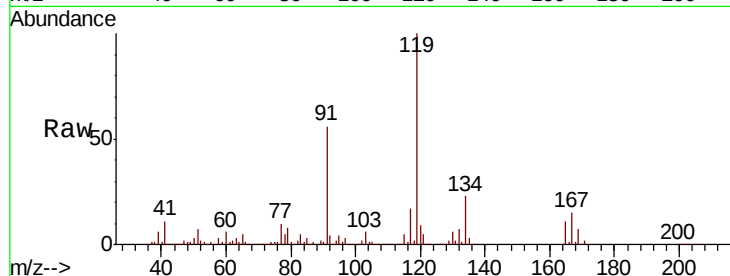




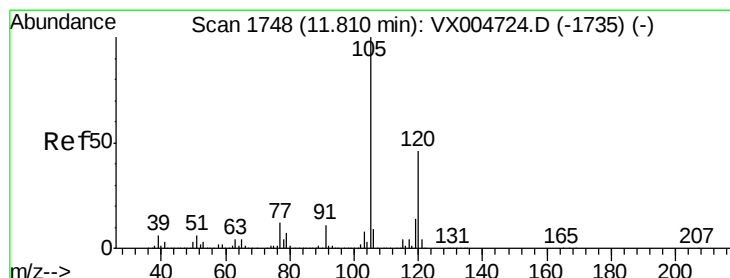
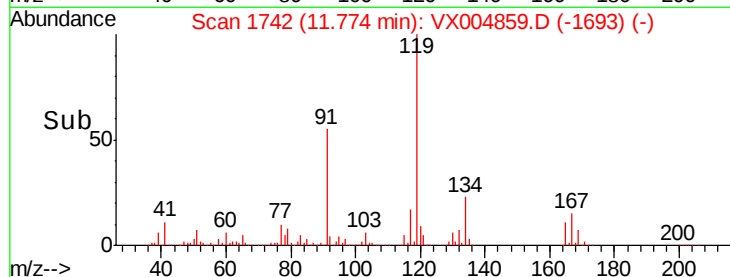
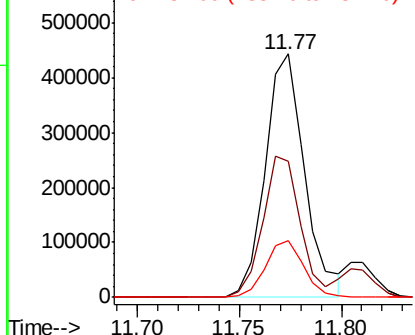
#83
tert-Butylbenzene
Concen: 55.358 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 594232
Ion Ratio Lower Upper
119 100
91 55.5 27.0 81.0
134 22.7 11.7 35.1

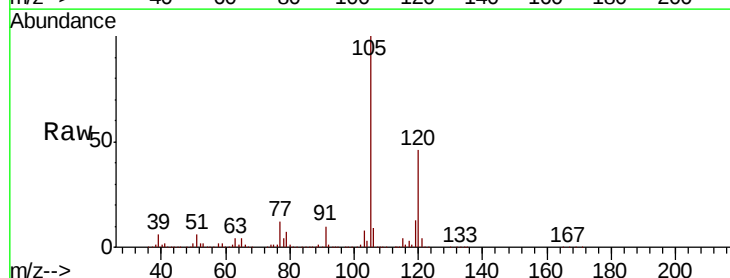


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

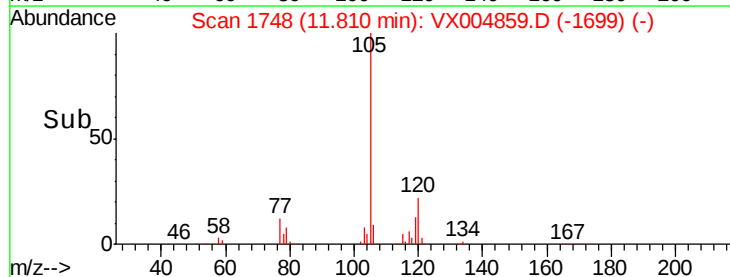
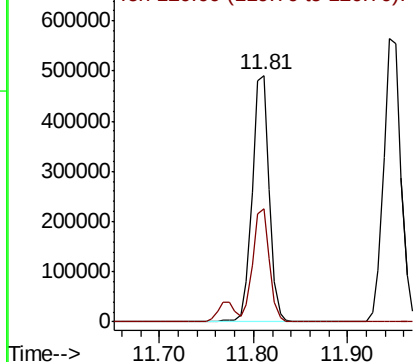


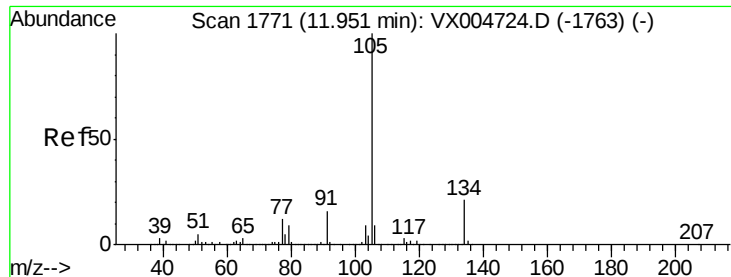
#84
1,2,4-Trimethylbenzene
Concen: 50.594 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:105 Resp: 623453
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.515 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

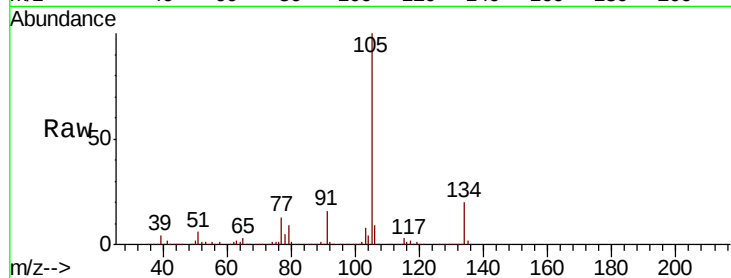
VSTDCCC050

Tot Ion:105 Resp: 725851

Ion Ratio Lower Upper

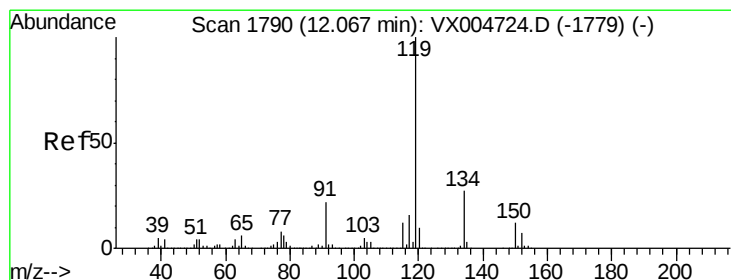
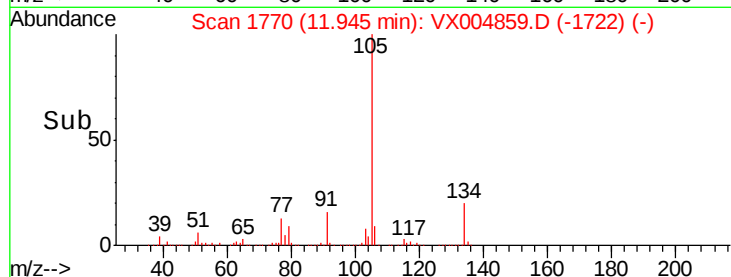
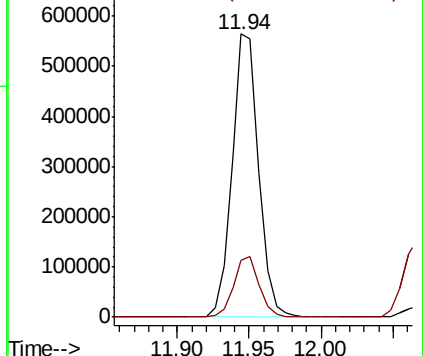
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.743 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

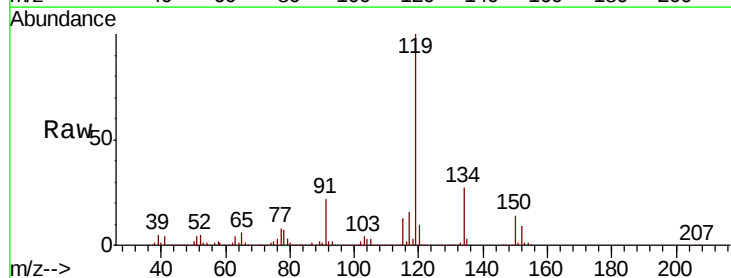
Tgt Ion:119 Resp: 660328

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

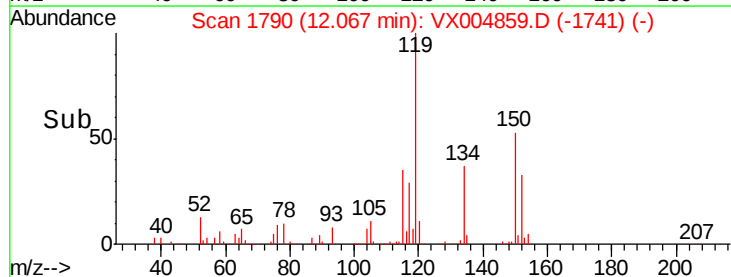
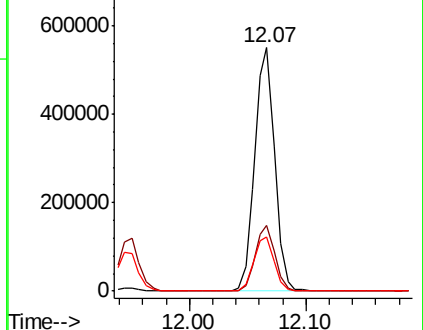
91 22.7 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.945 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

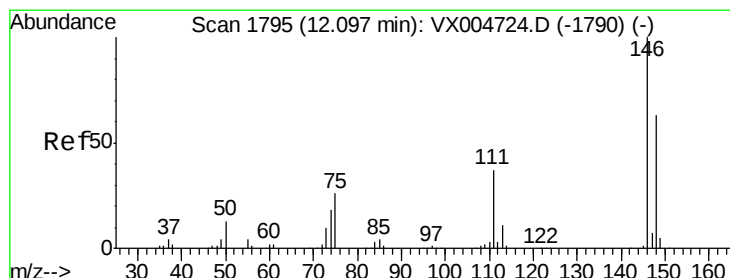
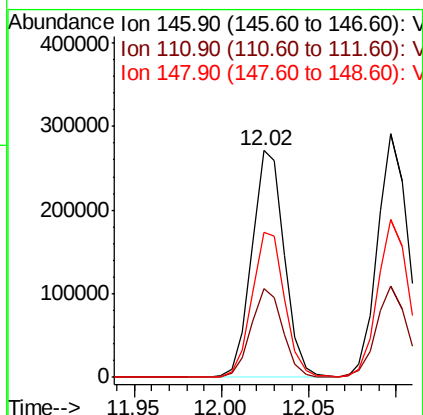
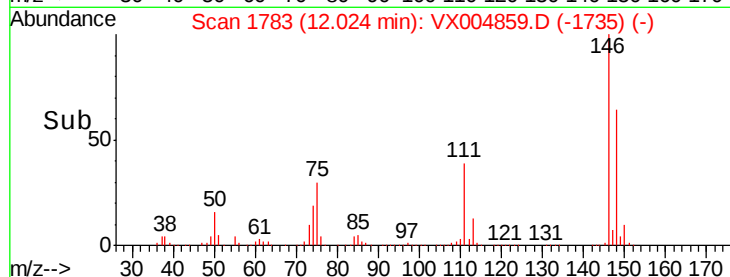
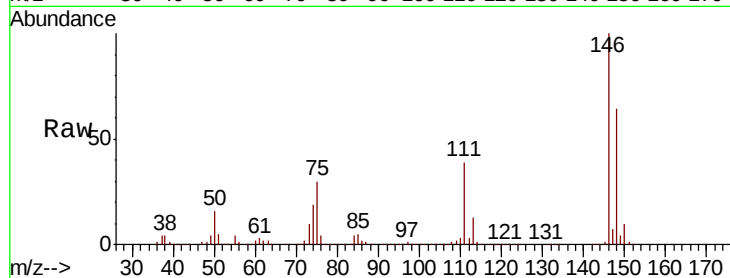
Tot Ion:146 Resp: 353178

Ion Ratio Lower Upper

146 100

111 38.1 18.7 56.1

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 48.724 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

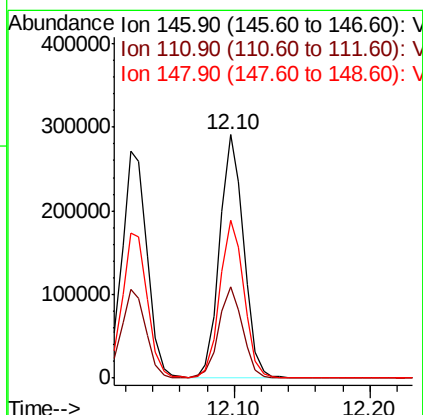
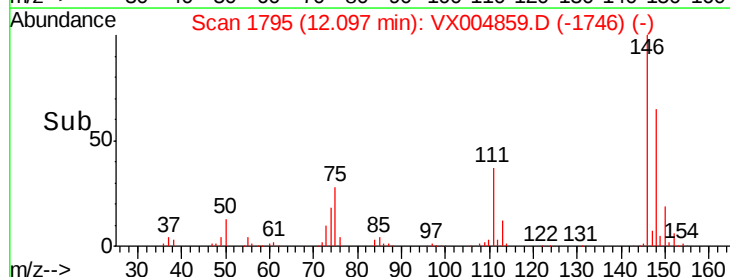
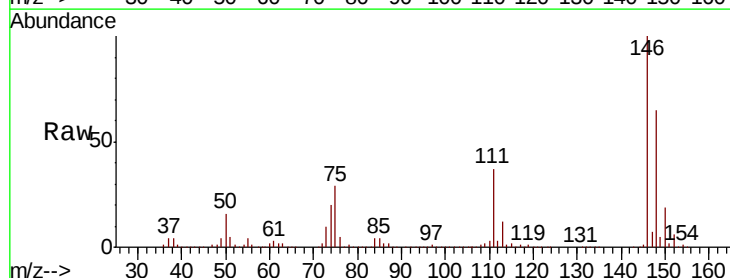
Tgt Ion:146 Resp: 355666

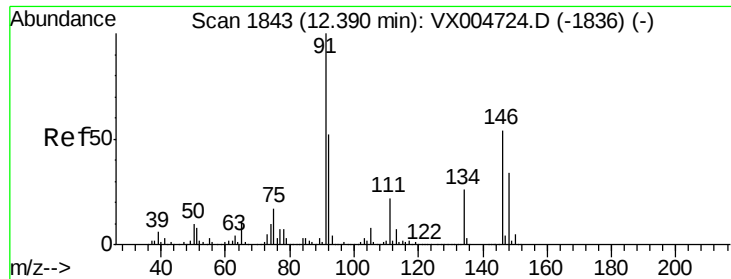
Ion Ratio Lower Upper

146 100

111 37.3 18.1 54.1

148 65.2 32.0 96.0

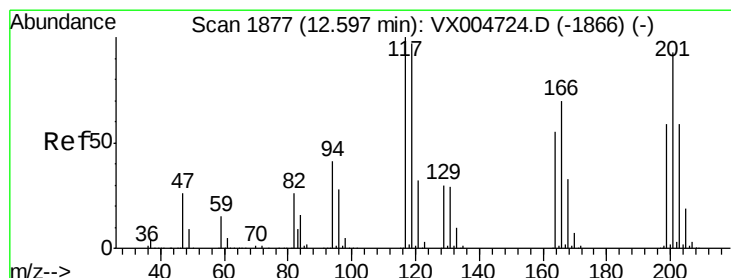
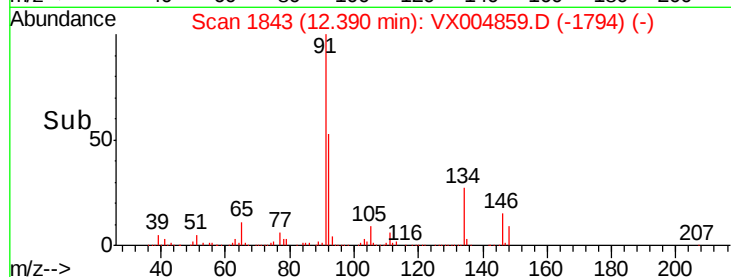
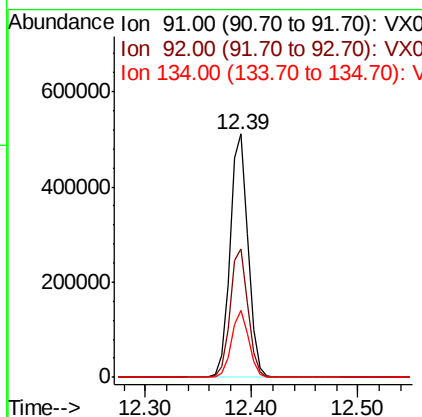
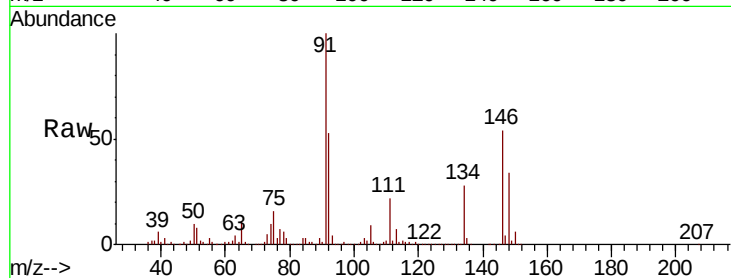




#89
n-Butylbenzene
Concen: 56.194 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

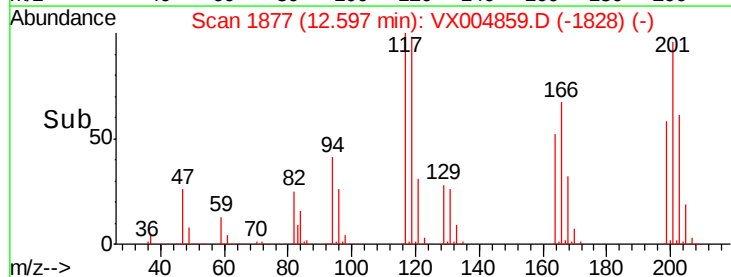
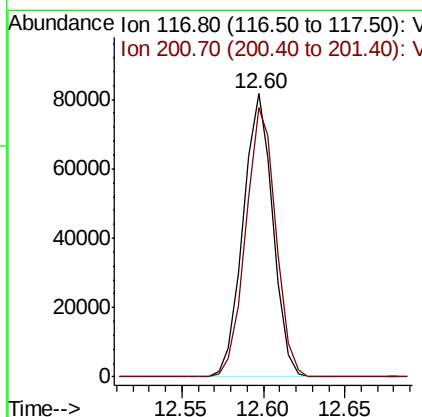
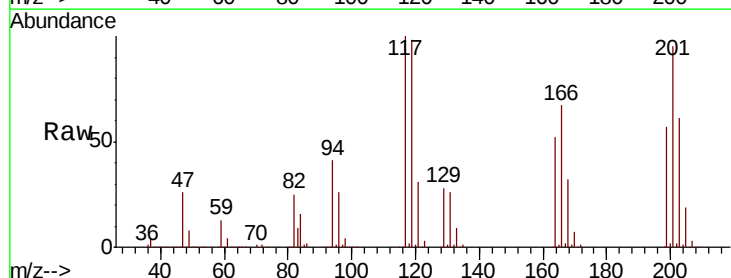
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

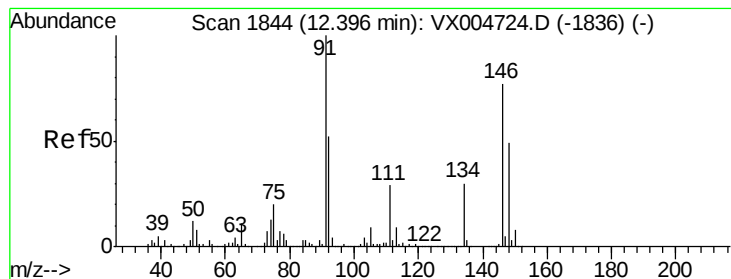
Tot Ion: 91 Resp: 604557
Ion Ratio Lower Upper
91 100
92 52.5 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 52.397 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion: 117 Resp: 103343
Ion Ratio Lower Upper
117 100
201 96.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 47.865 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

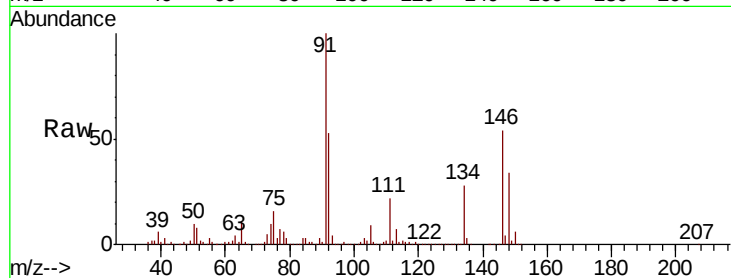
Tot Ion:146 Resp: 353716

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

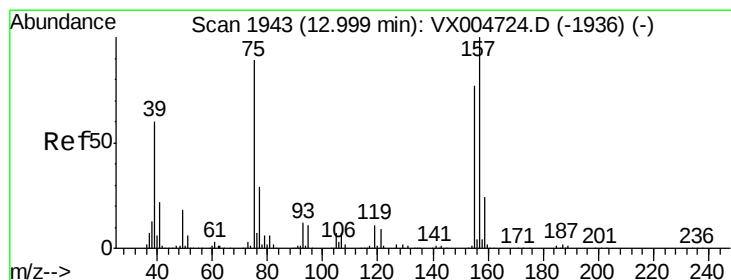
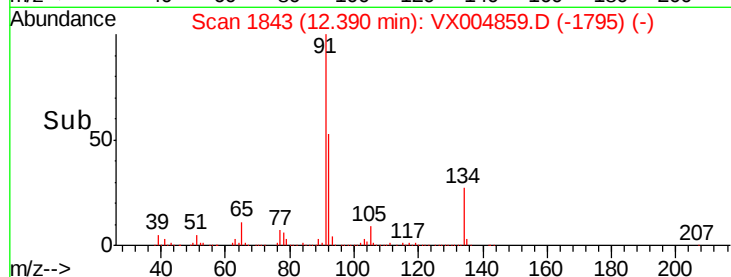
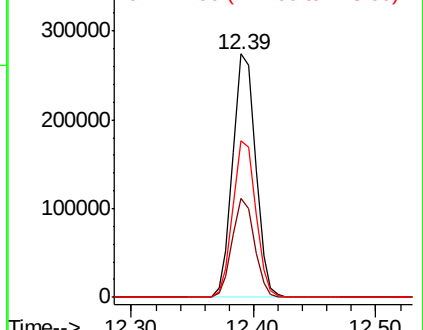
148 64.3 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.584 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004859.D

Acq: 01 Oct 2018 09:54

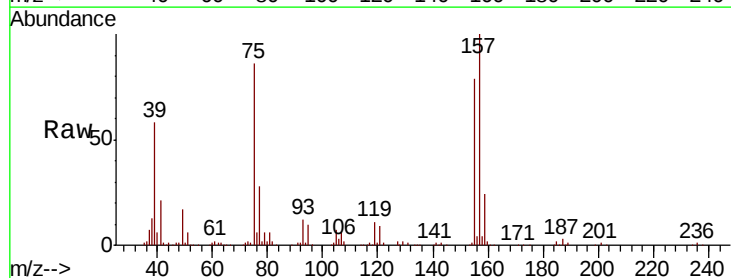
Tgt Ion: 75 Resp: 54284

Ion Ratio Lower Upper

75 100

155 94.5 48.0 144.2

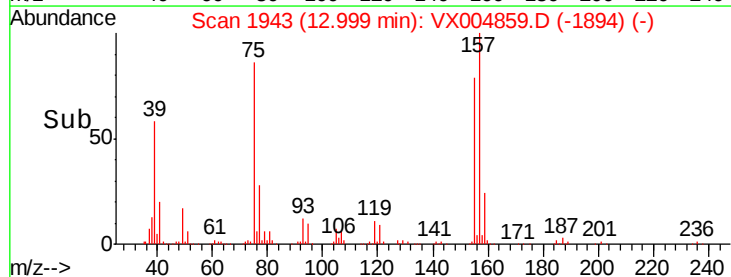
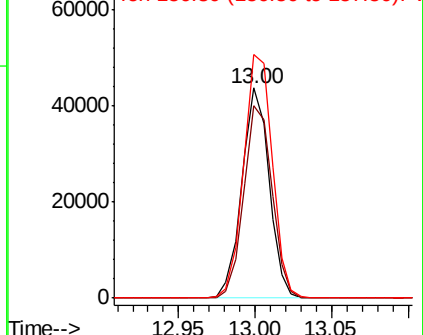
157 121.3 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

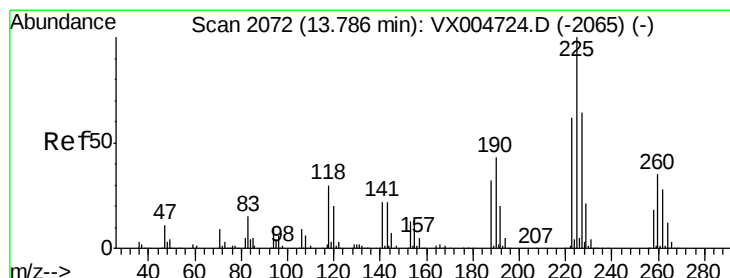
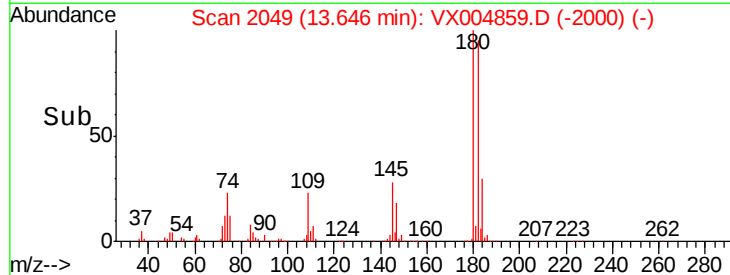
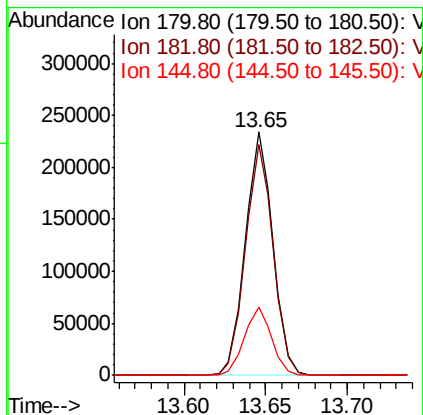
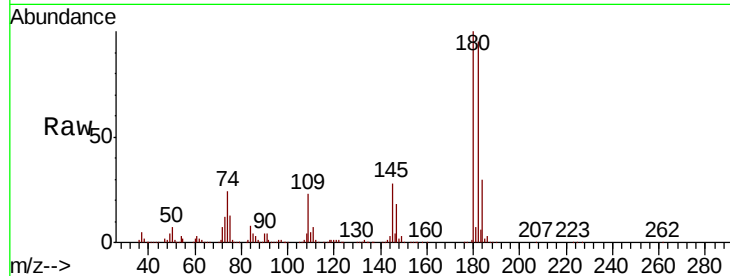




#93
 1,2,4-Trichlorobenzene
 Concen: 53.076 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

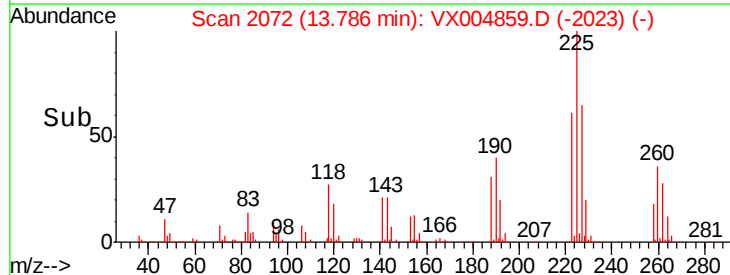
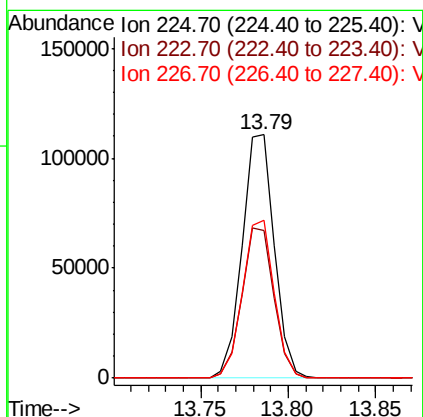
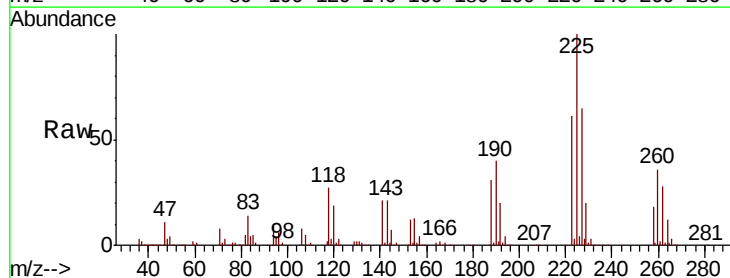
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

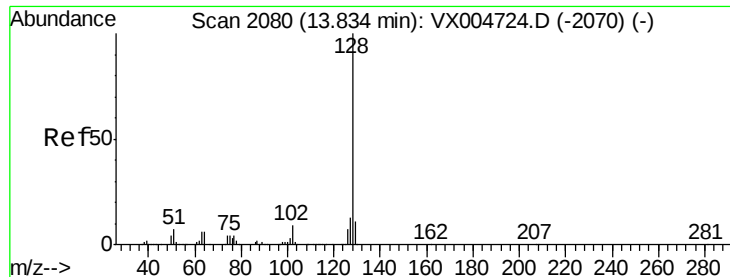
Tot Ion:180 Resp: 275135
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 27.9 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 52.442 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004859.D
 Acq: 01 Oct 2018 09:54

Tgt Ion:225 Resp: 140970
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.1 90.5
 227 63.9 30.8 92.4

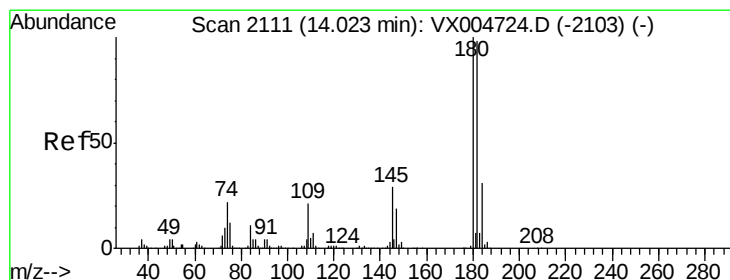
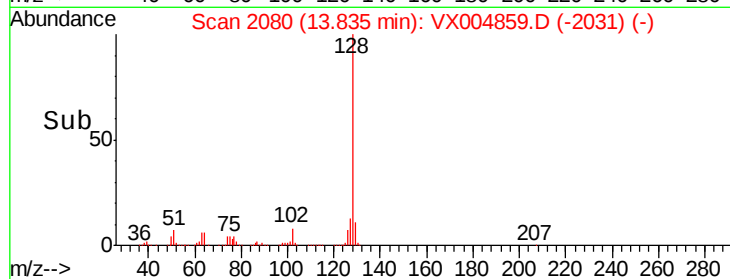
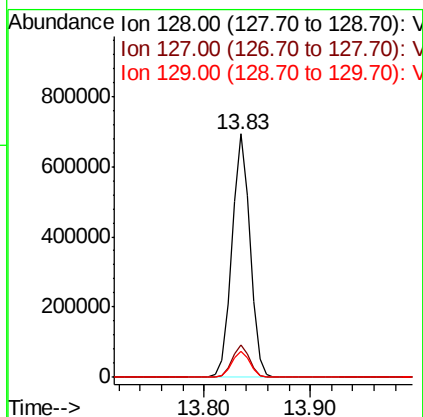
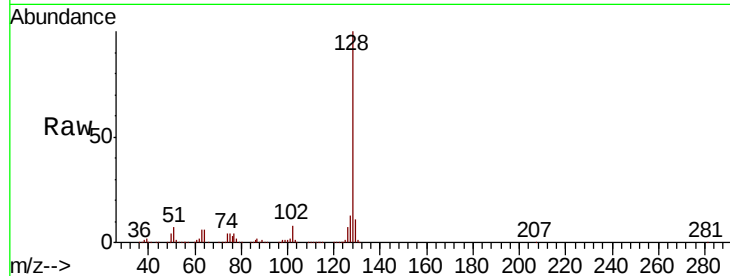




#95
Naphthalene
Concen: 48.075 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 826674
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.485 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004859.D
Acq: 01 Oct 2018 09:54

Tgt Ion:180 Resp: 275700
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 30.2 14.9 44.9

