

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004245.D
 Acq On : 24 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Quant Time: Aug 25 00:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209617	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.50	113	181385	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.71	98	683115	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	253582	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78338	20.52	ug/l	99
3) Chloromethane	1.32	50	80666	19.29	ug/l	99
4) Vinyl Chloride	1.40	62	85095	19.70	ug/l	99
5) Bromomethane	1.64	94	45348	20.09	ug/l	99
6) Chloroethane	1.72	64	55964	17.57	ug/l	96
7) Trichlorofluoromethane	1.93	101	115528	19.52	ug/l	95
8) Diethyl Ether	2.19	74	50262	19.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70842	19.11	ug/l	99
10) Methyl Iodide	2.51	142	70612	19.70	ug/l	98
11) Tert butyl alcohol	3.07	59	91543	99.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	66966	19.18	ug/l	99
13) Acrolein	2.29	56	31917	144.55	ug/l	96
14) Allyl chloride	2.73	41	122569	19.10	ug/l	99
15) Acrylonitrile	3.15	53	214976	94.78	ug/l	100
16) Acetone	2.45	43	184510	100.37	ug/l	98
17) Carbon Disulfide	2.57	76	179466	19.01	ug/l	99
18) Methyl Acetate	2.78	43	132988	20.86	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	229247	19.92	ug/l	99
20) Methylene Chloride	2.85	84	78917	19.08	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	73143	18.92	ug/l	96
22) Diisopropyl ether	3.87	45	231462	19.32	ug/l	95
23) Vinyl Acetate	3.82	43	917313	94.48	ug/l	98
24) 1,1-Dichloroethane	3.69	63	130201	18.65	ug/l	99
25) 2-Butanone	4.70	43	280030	95.51	ug/l	99
26) 2,2-Dichloropropane	4.58	77	102609	18.74	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	83589	19.07	ug/l	99
28) Bromochloromethane	5.02	49	59601	19.28	ug/l	100
29) Tetrahydrofuran	5.15	42	174519	94.54	ug/l	98
30) Chloroform	5.21	83	134298	19.19	ug/l	98
31) Cyclohexane	5.57	56	115702	19.21	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	111888	19.17	ug/l	99
36) 1,1-Dichloropropene	5.80	75	99660	18.76	ug/l	98
37) Ethyl Acetate	4.86	43	100332	19.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	96587	19.33	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004245.D
 Acq On : 24 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Quant Time: Aug 25 00:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114933	18.95	ug/l	99
40) Benzene	6.14	78	309161	19.48	ug/l	99
41) Methacrylonitrile	5.06	41	57819	19.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105704	19.52	ug/l	100
43) Isopropyl Acetate	6.46	43	157241	19.59	ug/l	99
44) Trichloroethene	7.21	130	83106	18.91	ug/l	100
45) 1,2-Dichloropropane	7.51	63	76030	19.14	ug/l	97
46) Dibromomethane	7.67	93	50727	19.18	ug/l	99
47) Bromodichloromethane	7.90	83	95560	19.41	ug/l	99
48) Methyl methacrylate	7.77	41	82466	19.20	ug/l	99
49) 1,4-Dioxane	7.76	88	38527	395.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	532793	91.34	ug/l	99
52) Toluene	8.79	92	198913	20.02	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105089	19.33	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116715	19.71	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	79561	19.84	ug/l	99
56) Ethyl methacrylate	9.18	69	109090	19.98	ug/l	98
57) 1,3-Dichloropropane	9.37	76	133954	19.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	280127	100.12	ug/l	100
59) 2-Hexanone	9.50	43	409028	91.92	ug/l	100
60) Dibromochloromethane	9.59	129	75151	19.23	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81781	19.70	ug/l	99
64) Tetrachloroethene	9.34	164	81585	19.75	ug/l	97
65) Chlorobenzene	10.14	112	205414	19.57	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	69921	19.32	ug/l	97
67) Ethyl Benzene	10.25	91	342519	20.10	ug/l	96
68) m/p-Xylenes	10.36	106	272721	40.92	ug/l	99
69) o-Xylene	10.70	106	129593	20.56	ug/l	99
70) Styrene	10.71	104	214493	21.02	ug/l	98
71) Bromoform	10.86	173	55053	18.87	ug/l #	100
73) Isopropylbenzene	11.02	105	367314	20.92	ug/l	98
74) N-amyl acetate	10.90	43	131407	19.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120594	19.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	133091	24.48	ug/l	86
77) Bromobenzene	11.26	156	98009	19.90	ug/l	98
78) n-propylbenzene	11.36	91	421084	20.85	ug/l	100
79) 2-Chlorotoluene	11.42	91	253001	20.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304917	20.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	31376	18.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	295198	20.18	ug/l	99
83) tert-Butylbenzene	11.77	119	304192	20.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	315340	21.12	ug/l	99
85) sec-Butylbenzene	11.94	105	360816	20.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	325676	20.92	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182376	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	185878	19.01	ug/l	99
89) n-Butylbenzene	12.39	91	248846	19.66	ug/l	97
90) Hexachloroethane	12.60	117	41170	18.92	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	183648	21.67	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20356	18.81	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
Data File : VX004245.D
Acq On : 24 Aug 2018 14:29
Operator : JC/MD
Sample : VX0824WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

Quant Time: Aug 25 00:28:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

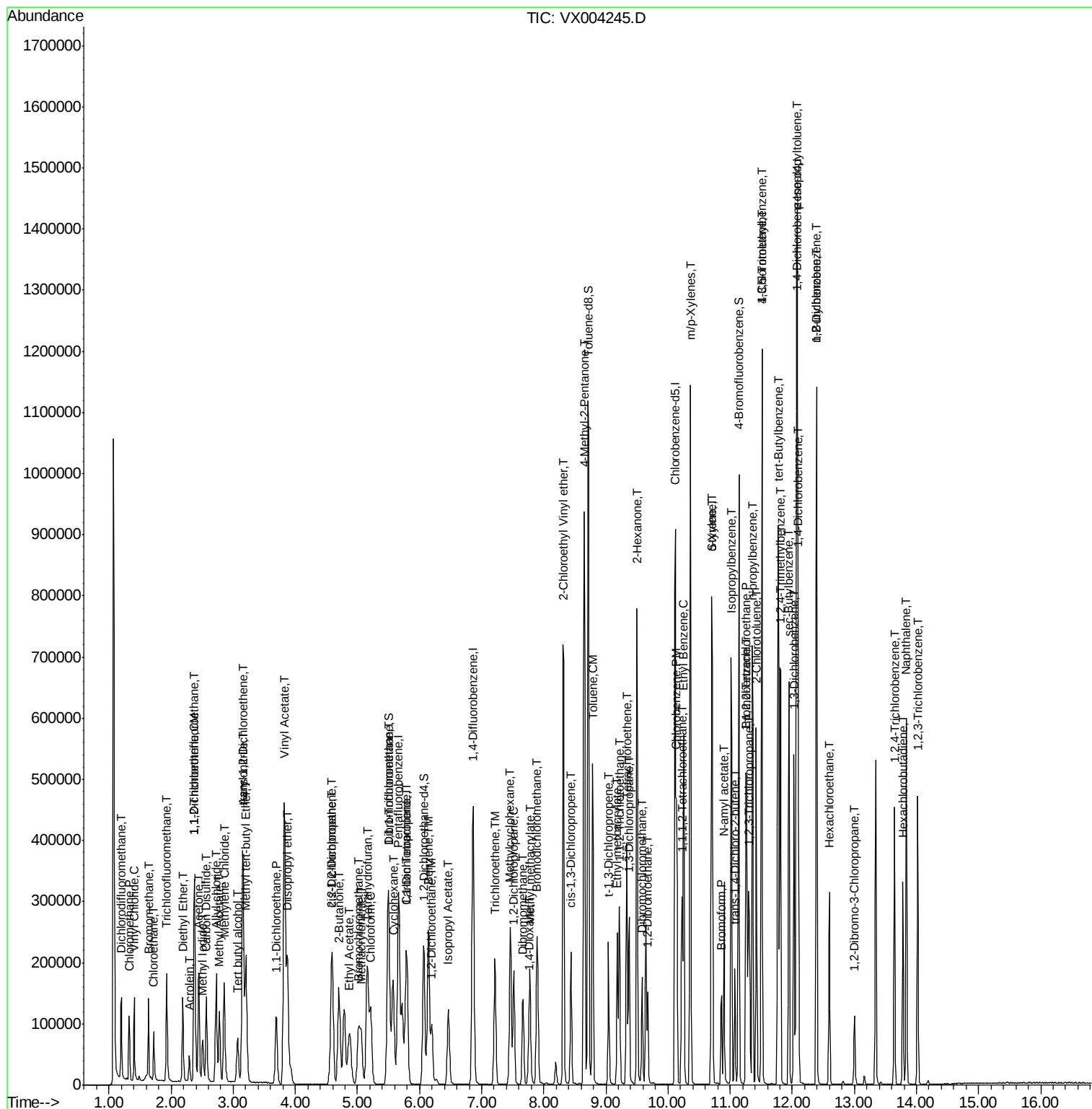
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118080	19.15	ug/l	96
94) Hexachlorobutadiene	13.79	225	54724	18.99	ug/l	97
95) Naphthalene	13.83	128	358373	20.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126924	19.44	ug/l	99

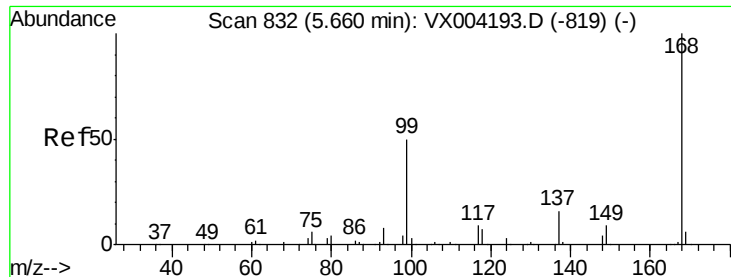
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004245.D
 Acq On : 24 Aug 2018 14:29
 Operator : JC/MD
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0824WBSD01

Quant Time: Aug 25 00:28:19 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

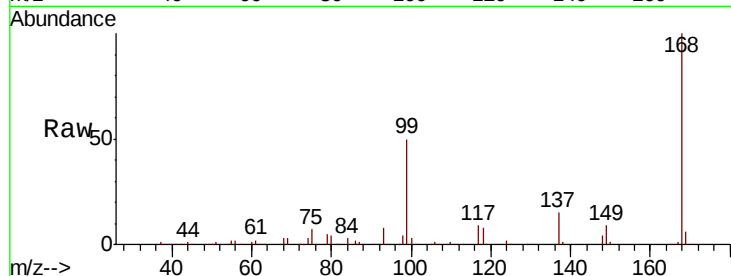
VX0824WBSD01

Tot Ion:168 Resp: 329640

Ion Ratio Lower Upper

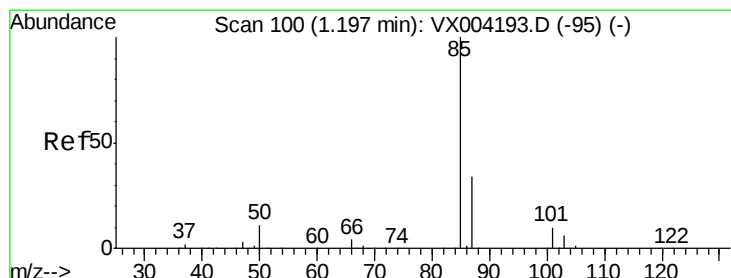
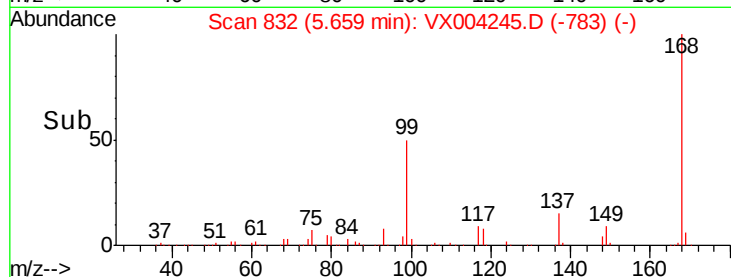
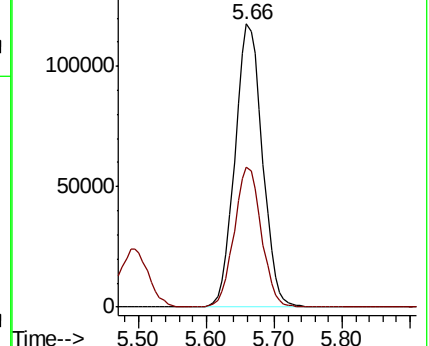
168 100

99 49.6 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: 20.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004245.D

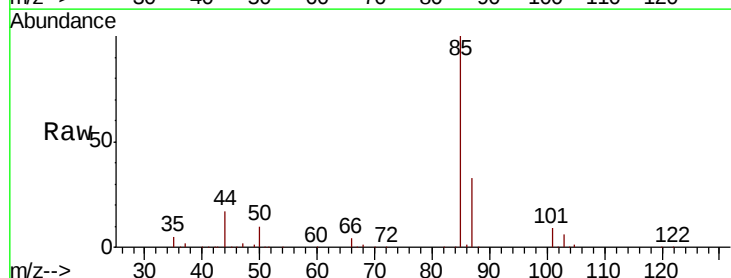
Acq: 24 Aug 2018 14:29

Tgt Ion: 85 Resp: 78338

Ion Ratio Lower Upper

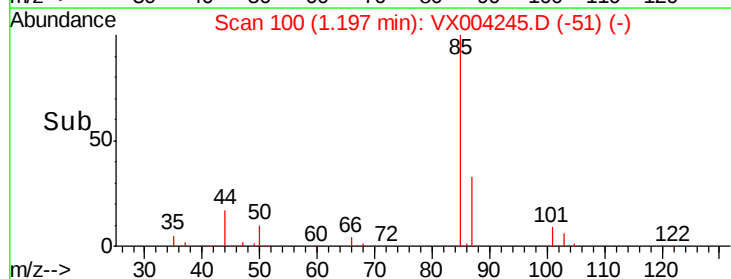
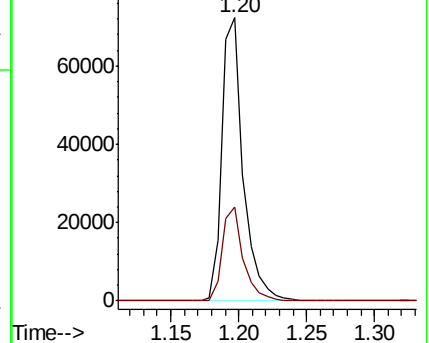
85 100

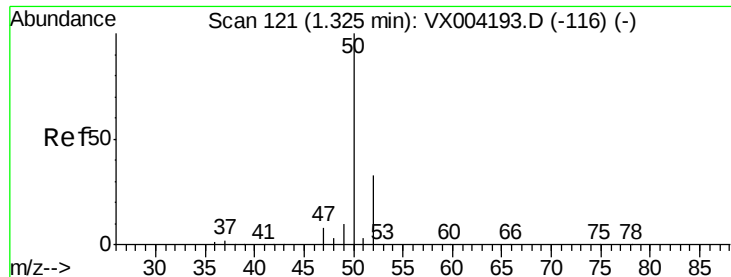
87 33.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

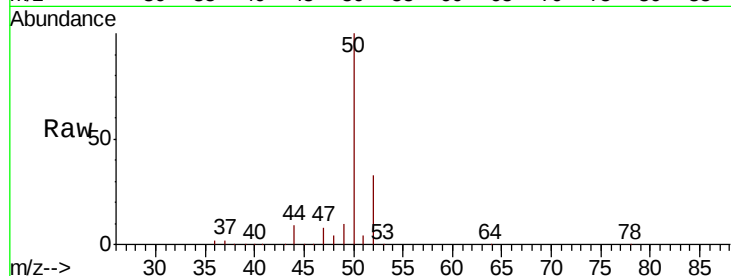
VX0824WBSD01

Tot Ion: 50 Resp: 80666

Ion Ratio Lower Upper

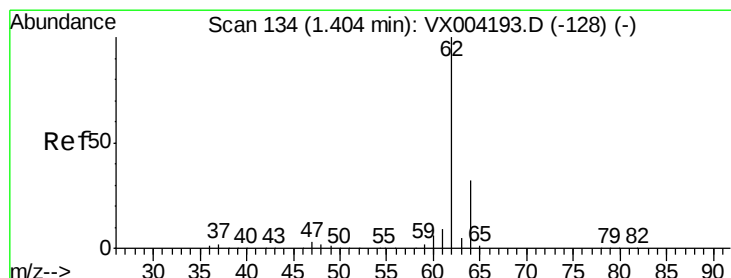
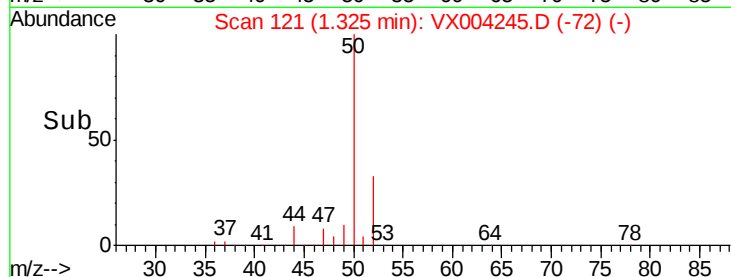
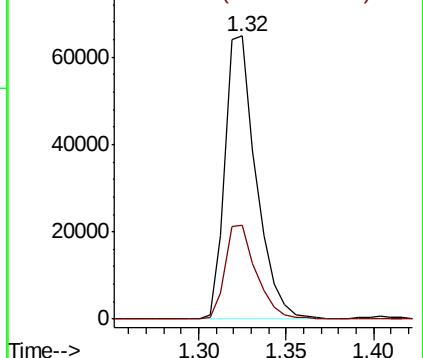
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004245.D

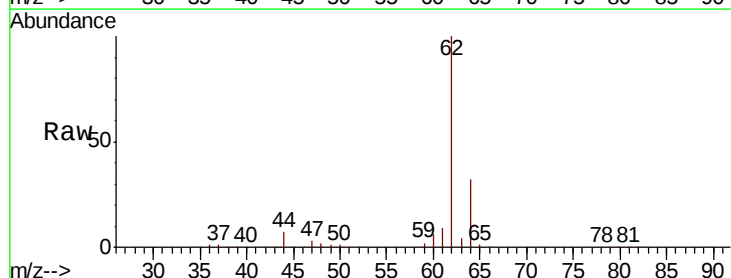
Acq: 24 Aug 2018 14:29

Tgt Ion: 62 Resp: 85095

Ion Ratio Lower Upper

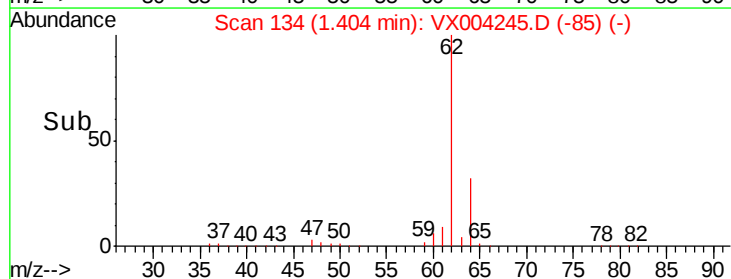
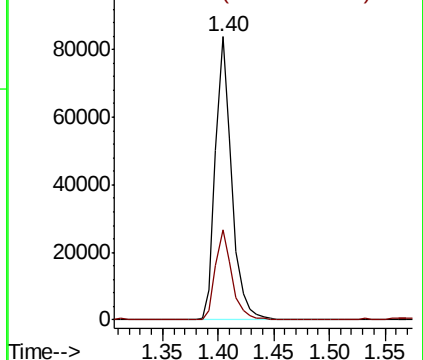
62 100

64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.09 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

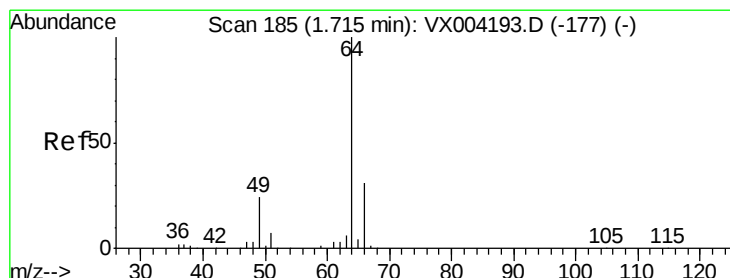
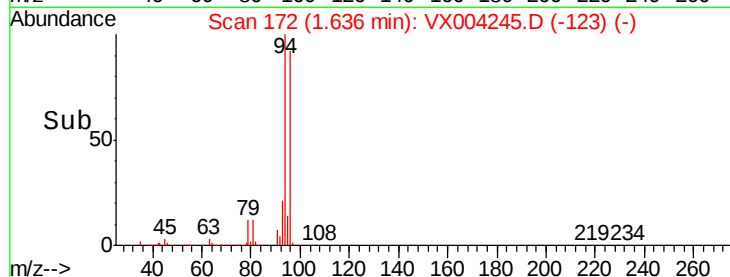
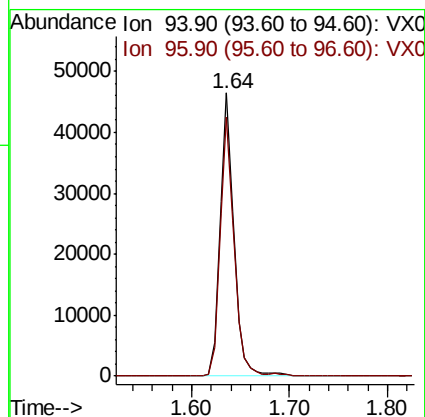
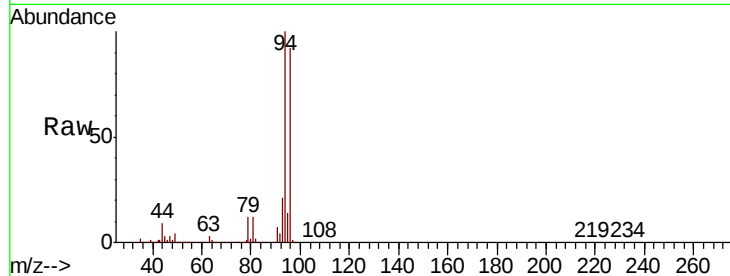
VX0824WBSD01

Tot Ion: 94 Resp: 45348

Ion Ratio Lower Upper

94 100

96 91.7 74.5 111.7



#6

Chloroethane

Concen: 17.57 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004245.D

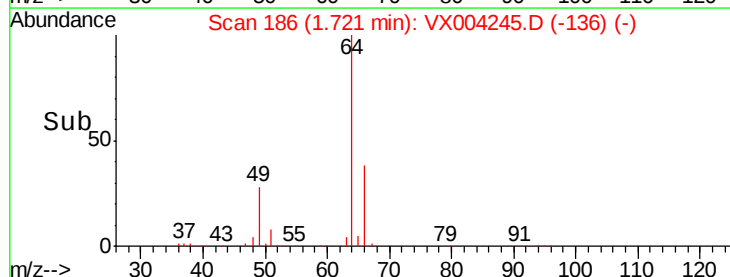
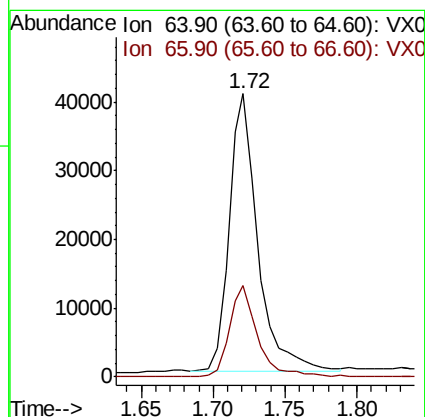
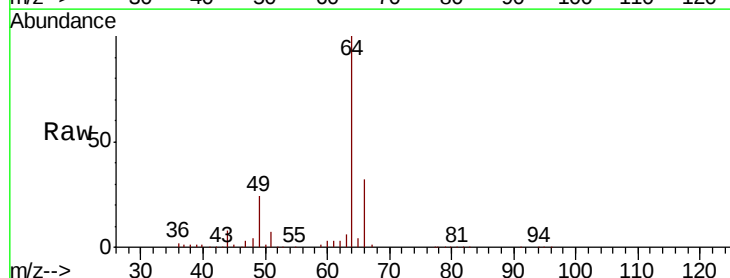
Acq: 24 Aug 2018 14:29

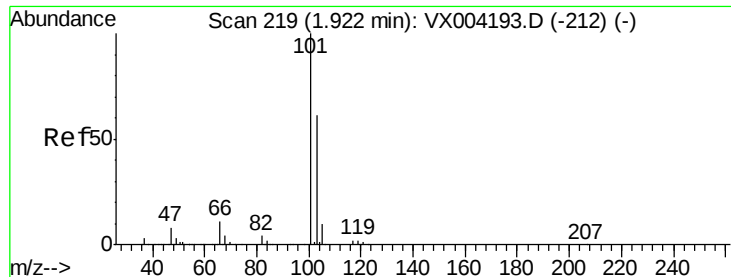
Tgt Ion: 64 Resp: 55964

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8



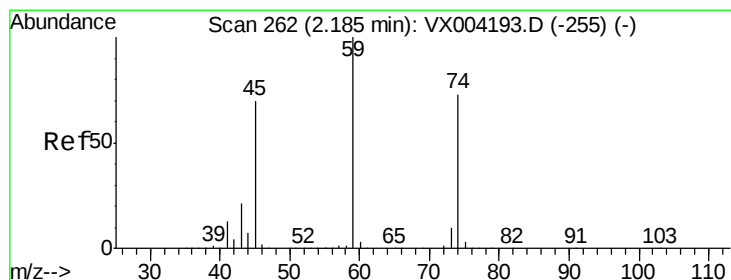
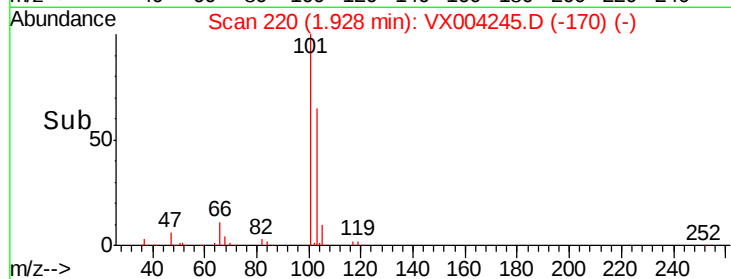
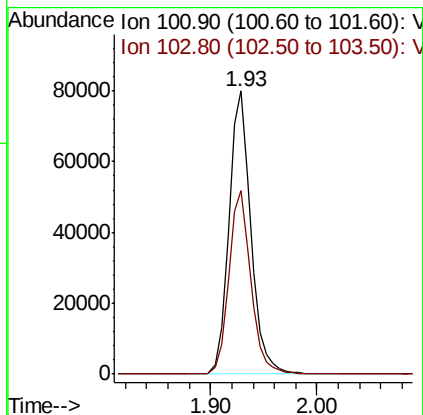
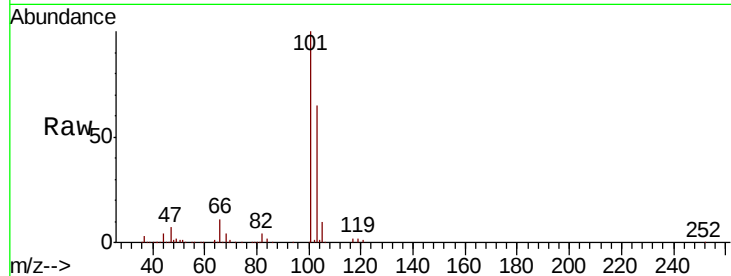


#7

Trichlorofluoromethane
 Concen: 19.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

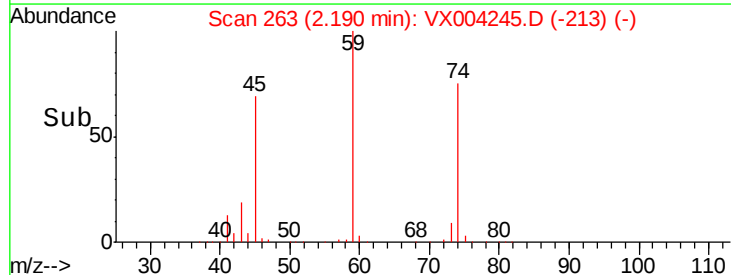
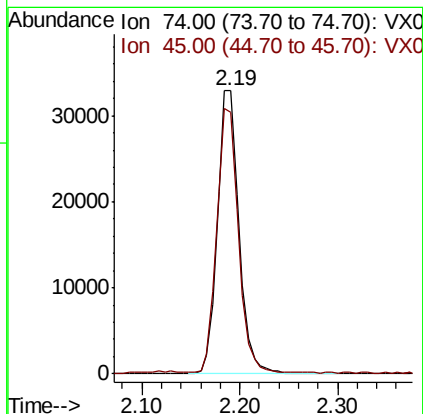
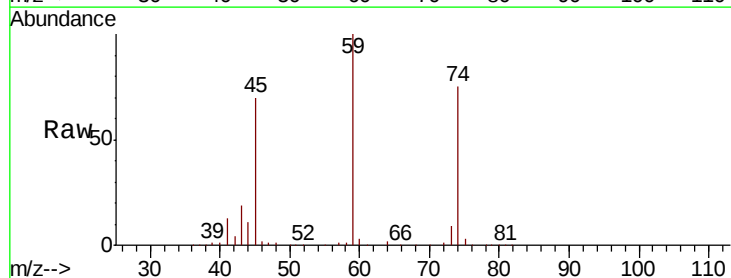
Tot Ion:101 Resp: 115528
 Ion Ratio Lower Upper
 101 100
 103 65.1 48.9 73.3

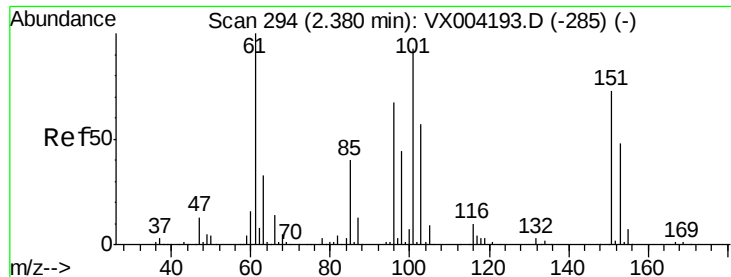


#8

Diethyl Ether
 Concen: 19.83 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion: 74 Resp: 50262
 Ion Ratio Lower Upper
 74 100
 45 93.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.11 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

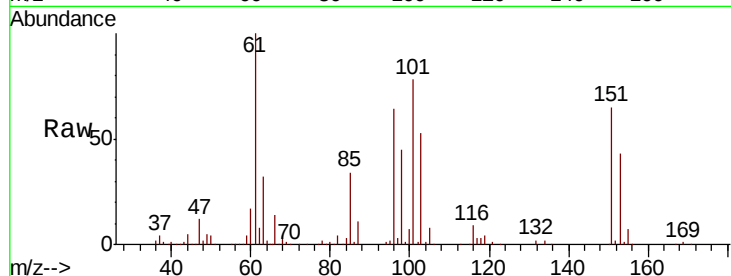
Tot Ion:101 Resp: 70842

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

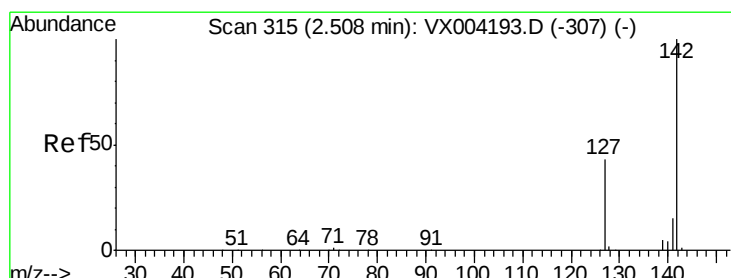
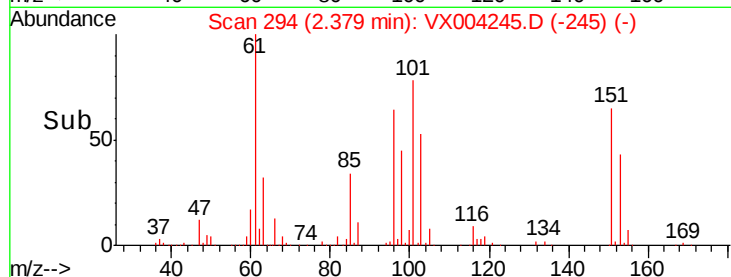
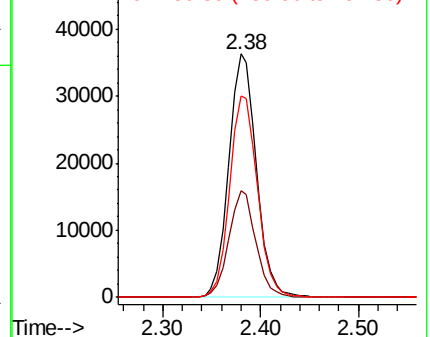
151 83.2 65.0 97.6



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: 19.70 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

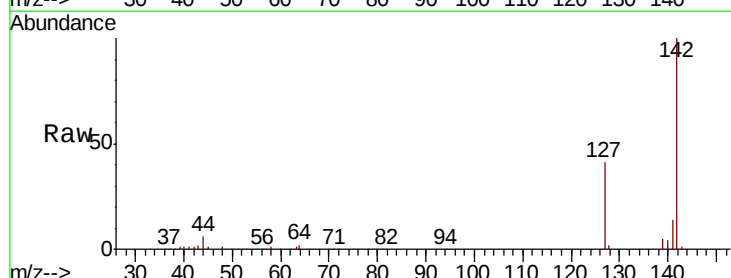
Tgt Ion:142 Resp: 70612

Ion Ratio Lower Upper

142 100

127 40.6 33.8 50.6

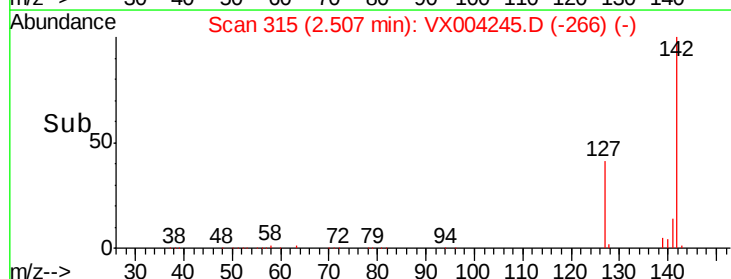
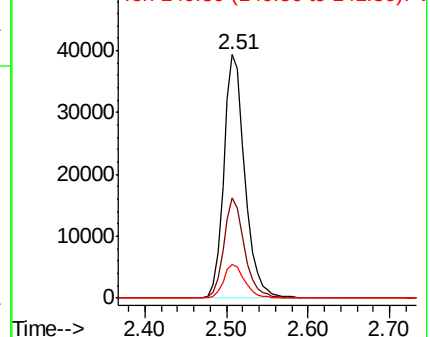
141 14.0 11.4 17.0



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

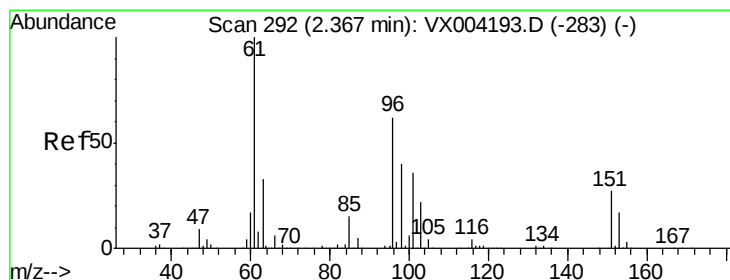
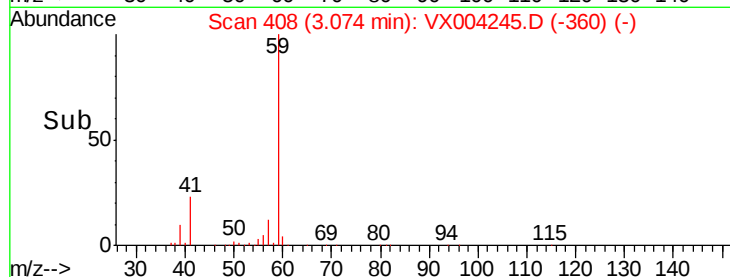
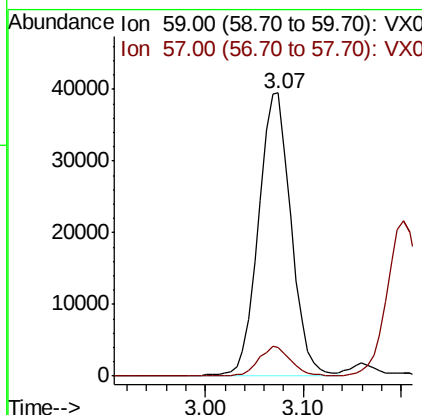
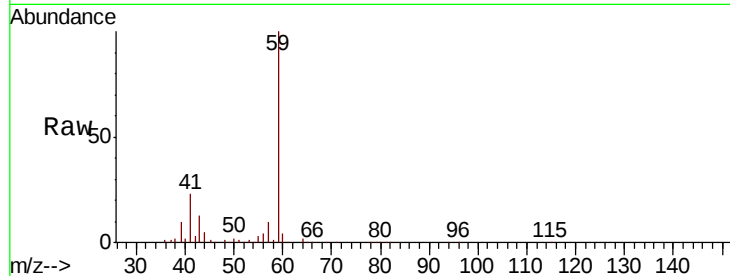




#11
Tert butyl alcohol
Concen: 99.95 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

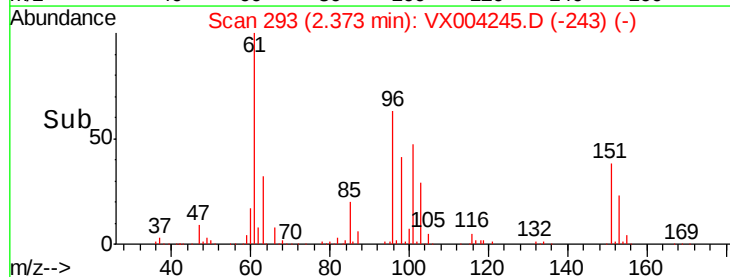
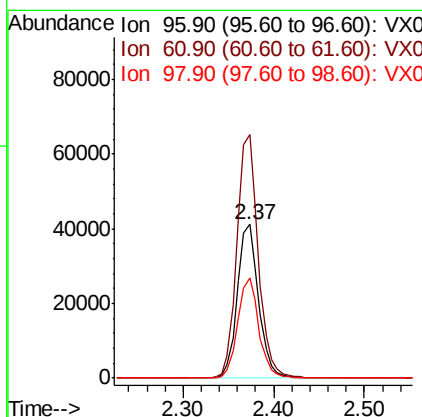
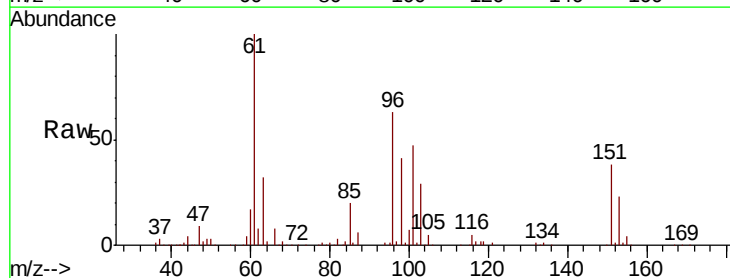
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

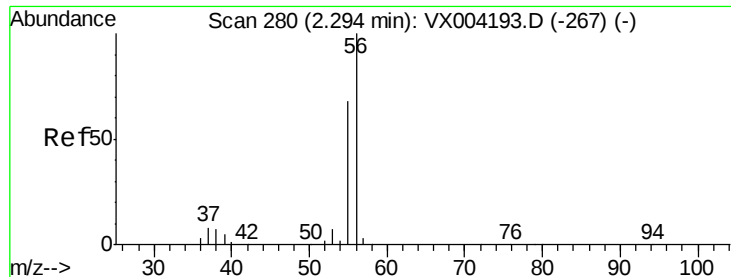
Tot Ion: 59 Resp: 91543
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.18 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 96 Resp: 66966
Ion Ratio Lower Upper
96 100
61 158.4 128.8 193.2
98 65.4 52.2 78.2





#13

Acrolein

Concen: 144.55 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

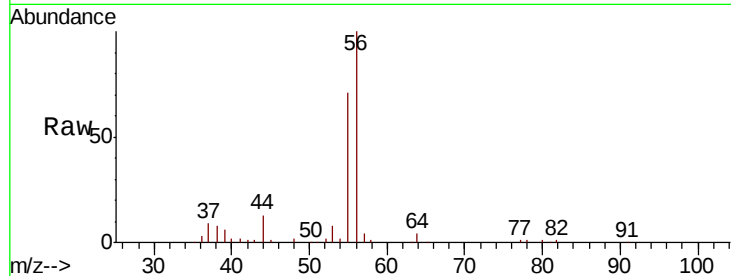
VX0824WBSD01

Tot Ion: 56 Resp: 31917

Ion Ratio Lower Upper

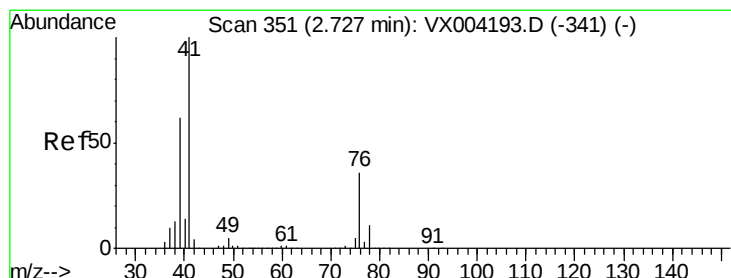
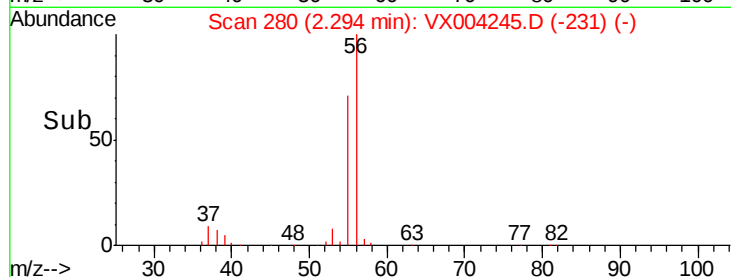
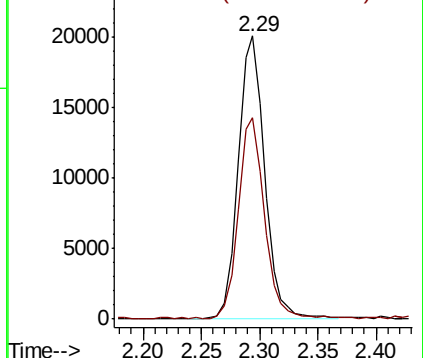
56 100

55 71.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

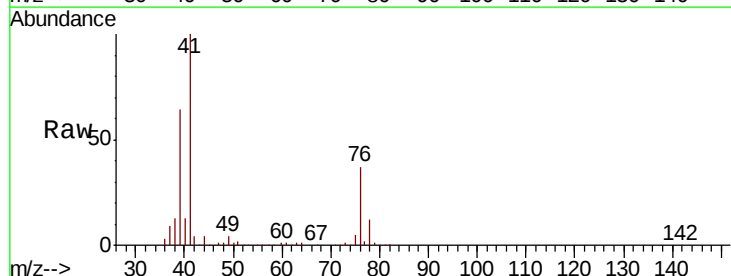
Tgt Ion: 41 Resp: 122569

Ion Ratio Lower Upper

41 100

39 61.4 48.9 73.3

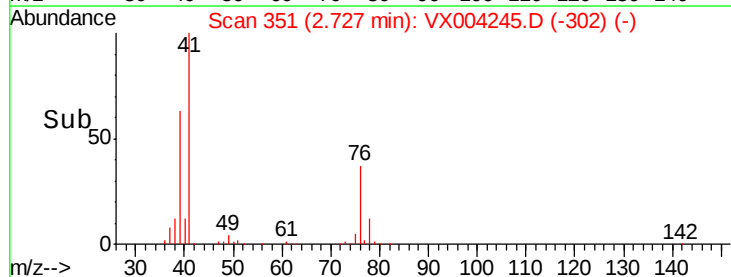
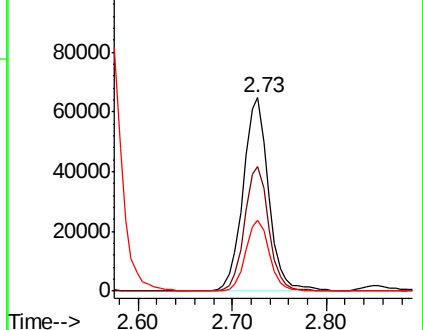
76 34.3 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.78 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

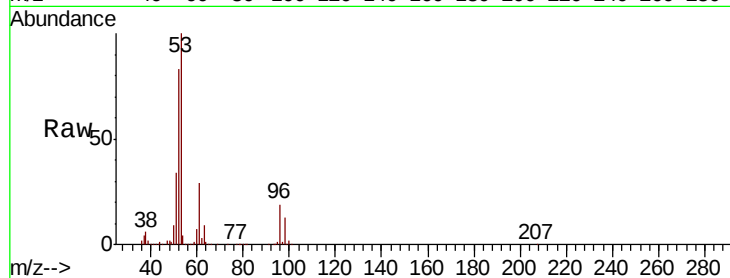
Tot Ion: 53 Resp: 214976

Ion Ratio Lower Upper

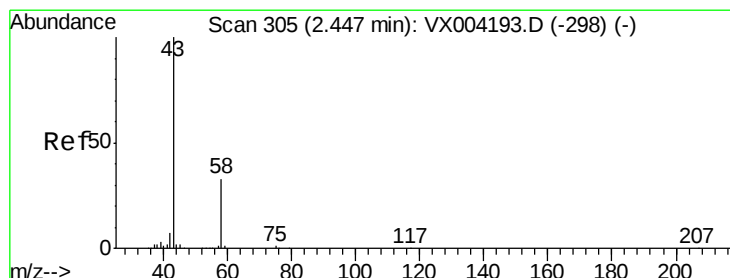
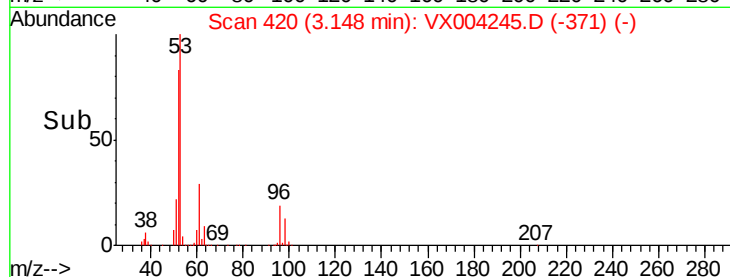
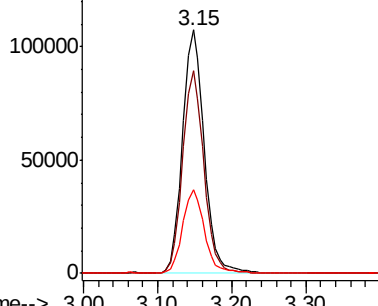
53 100

52 81.4 65.2 97.8

51 34.8 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: 100.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004245.D

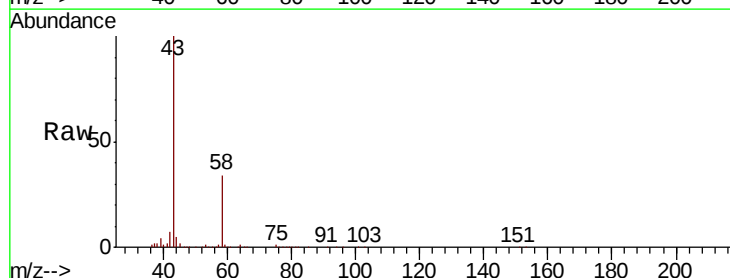
Acq: 24 Aug 2018 14:29

Tgt Ion: 43 Resp: 184510

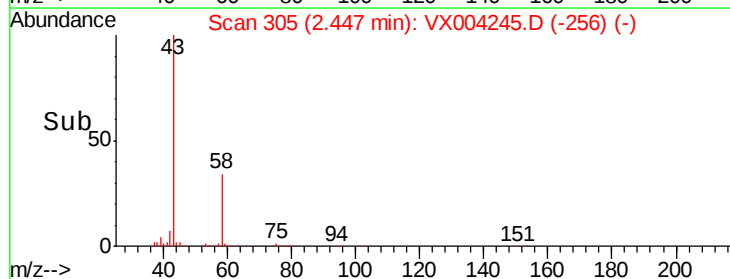
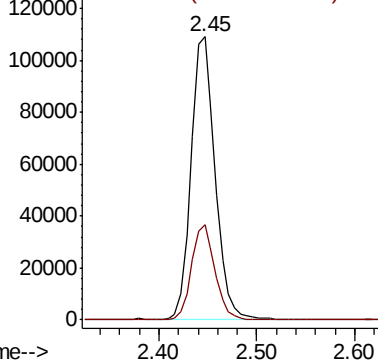
Ion Ratio Lower Upper

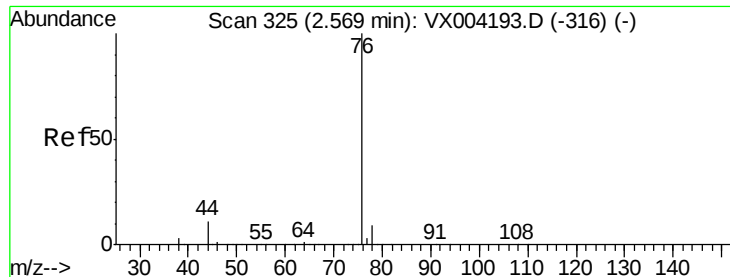
43 100

58 33.8 26.2 39.4



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

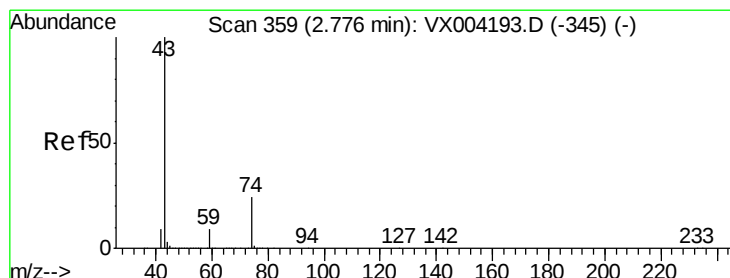
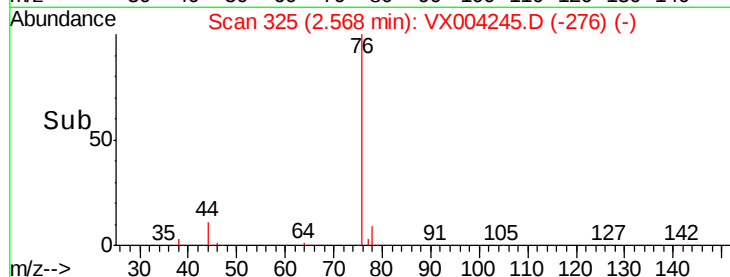
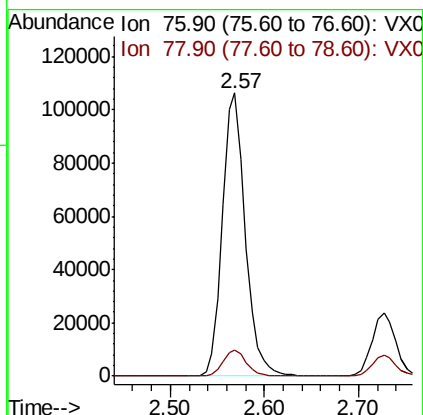
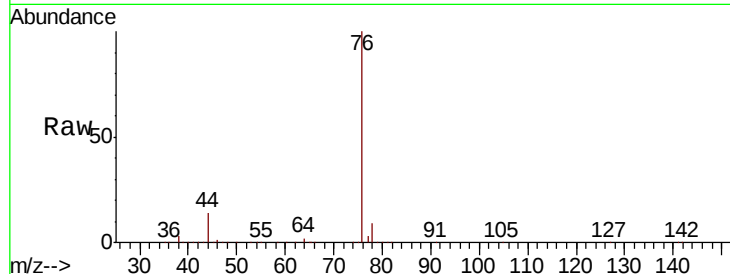




#17
Carbon Disulfide
Concen: 19.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

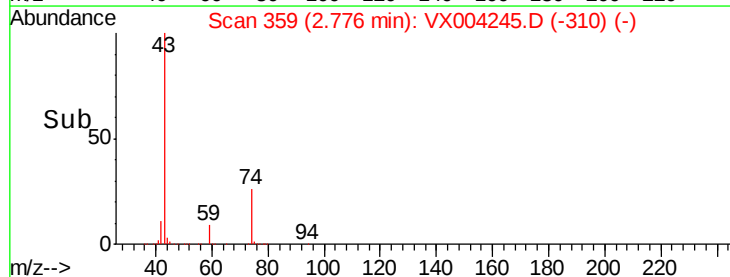
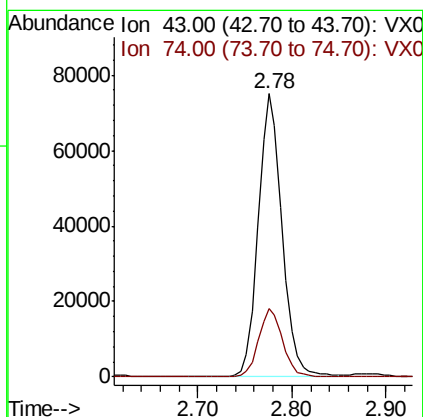
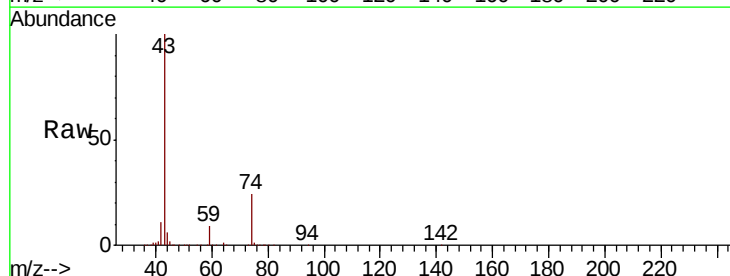
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

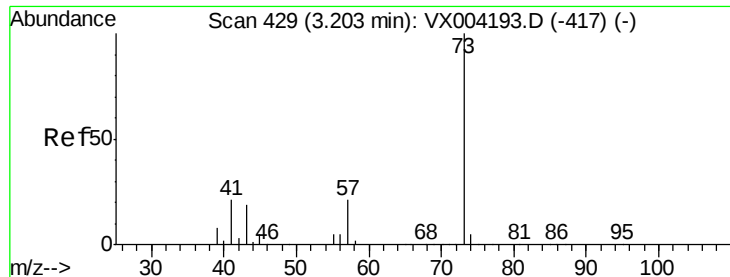
Tot Ion: 76 Resp: 179466
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.86 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 43 Resp: 132988
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2

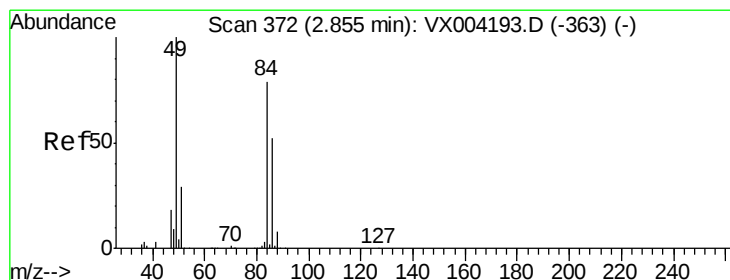
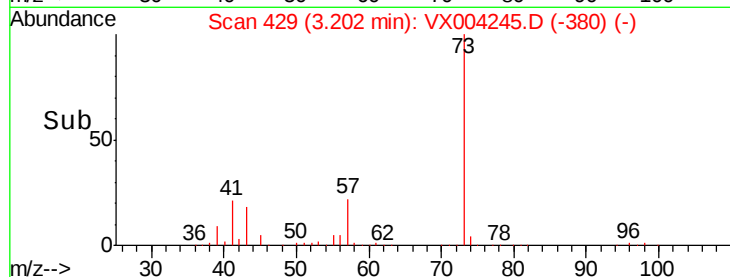
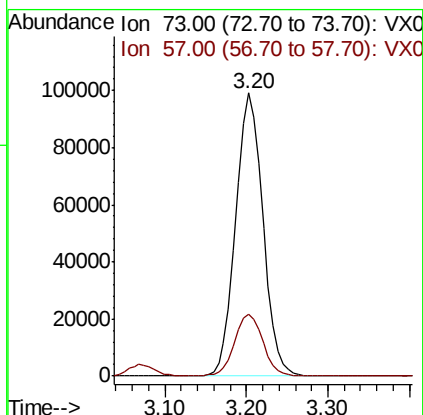
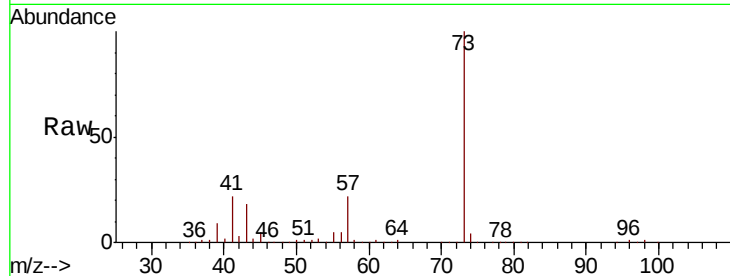




#19
Methvl tert-butvl Ether
Concen: 19.92 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

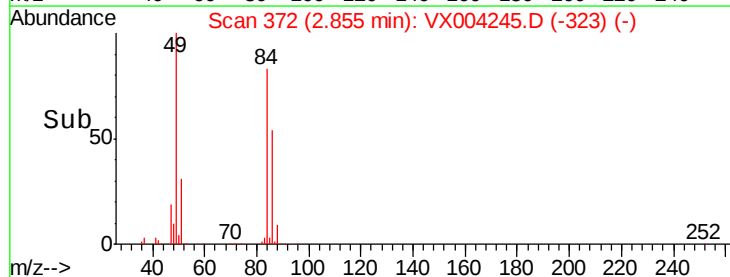
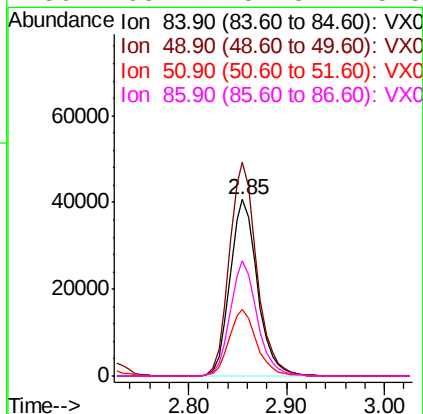
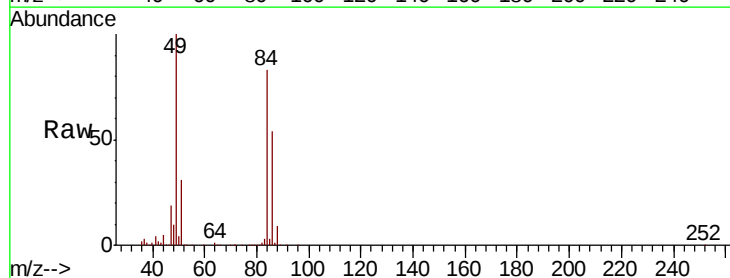
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

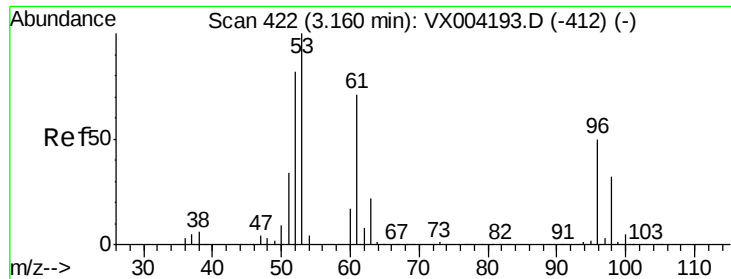
Tot Ion: 73 Resp: 229247
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 19.08 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 84 Resp: 78917
Ion Ratio Lower Upper
84 100
49 121.1 101.2 151.8
51 37.6 29.5 44.3
86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.92 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

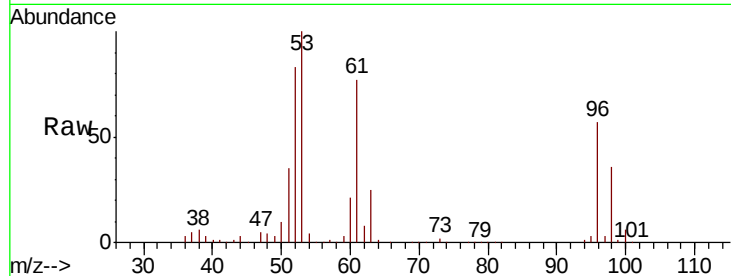
Tot Ion: 96 Resp: 73143

Ion Ratio Lower Upper

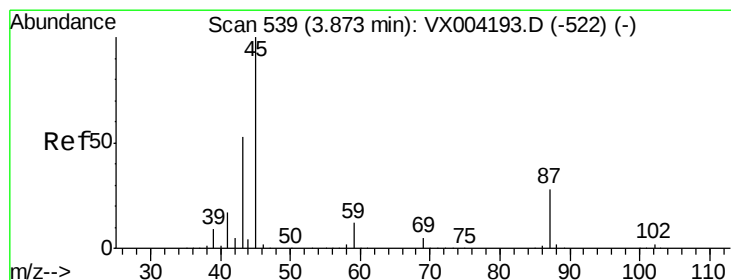
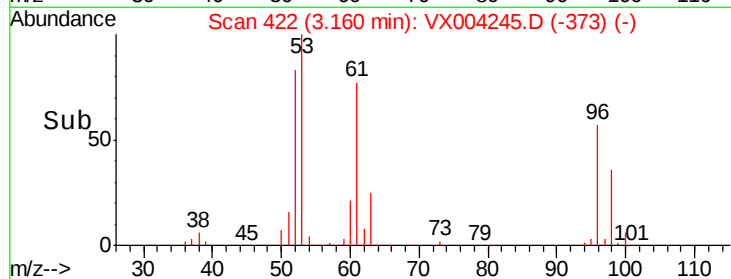
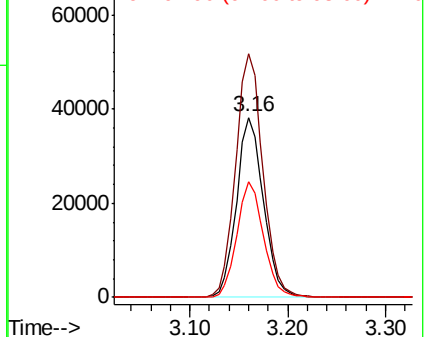
96 100

61 135.2 113.8 170.6

98 64.2 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: 19.32 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Tgt Ion: 45 Resp: 231462

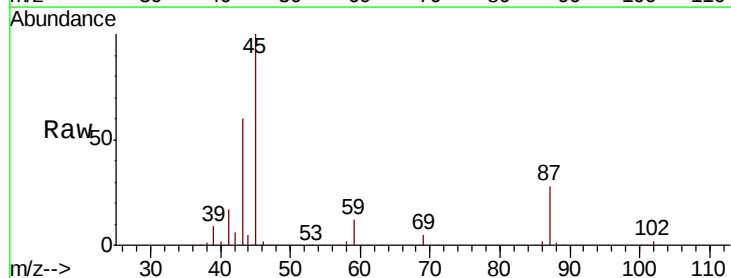
Ion Ratio Lower Upper

45 100

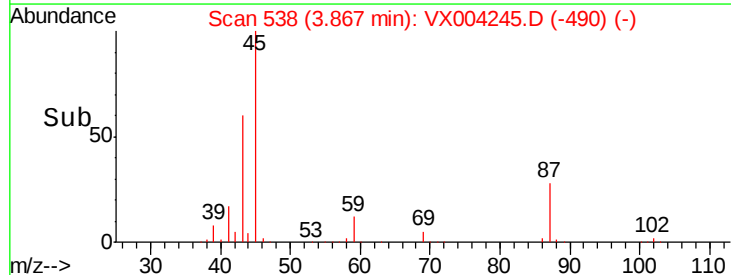
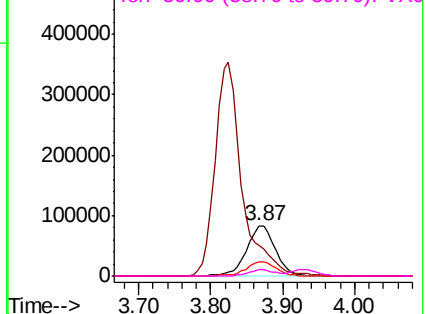
43 59.6 42.8 64.2

87 27.9 22.6 34.0

59 11.9 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: 94.48 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

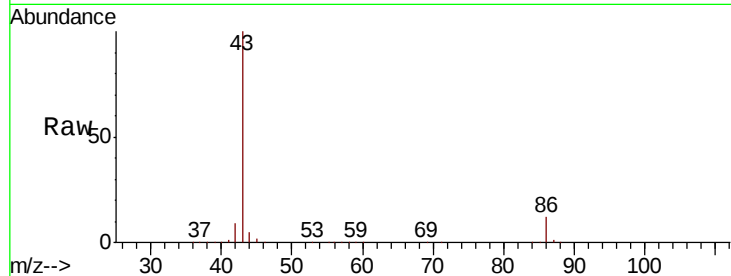
VX0824WBSD01

Tot Ion: 43 Resp: 917313

Ion Ratio Lower Upper

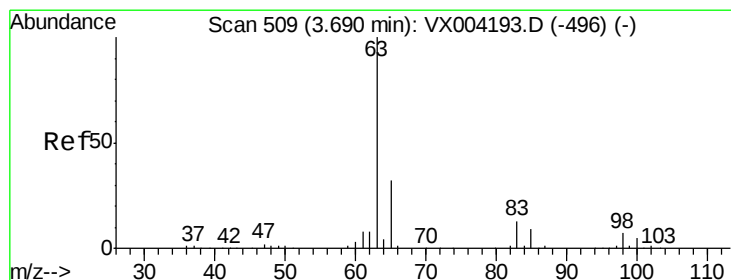
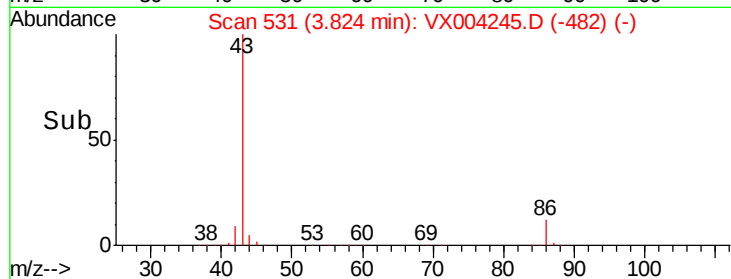
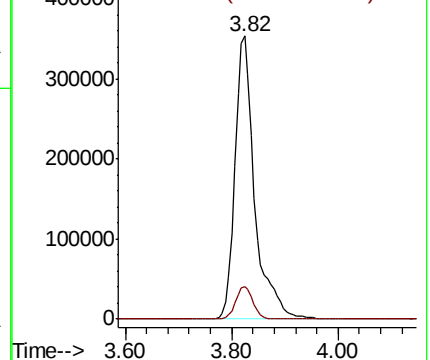
43 100

86 11.7 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: 18.65 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

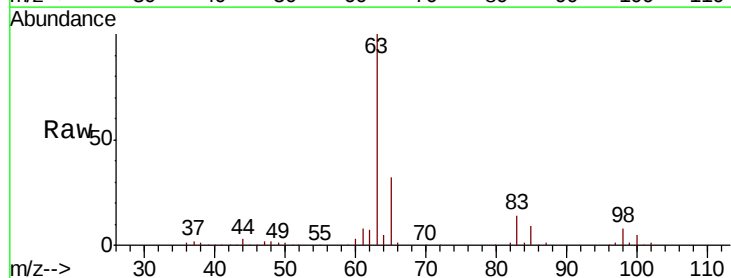
Tgt Ion: 63 Resp: 130201

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

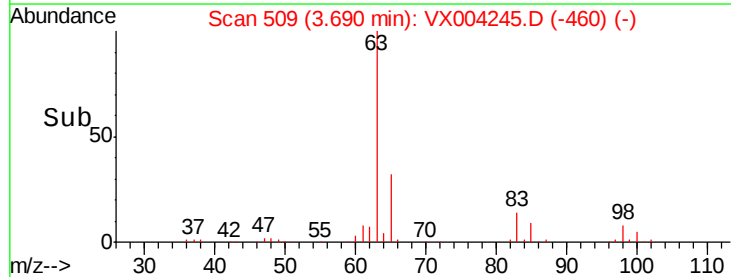
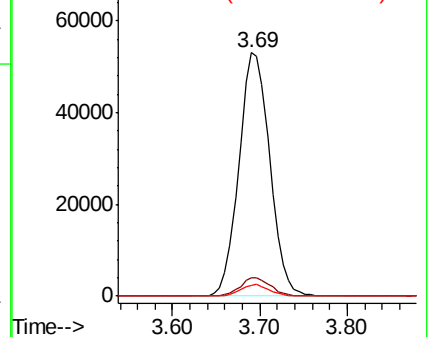
100 4.6 2.4 7.1

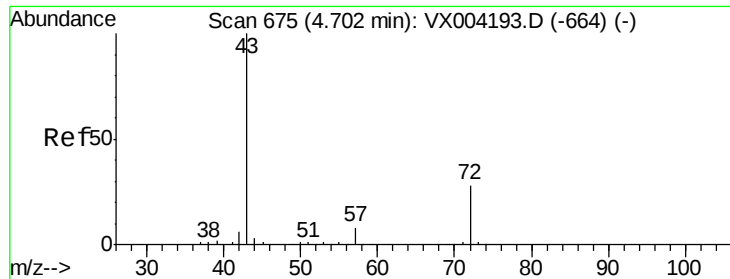


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.51 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

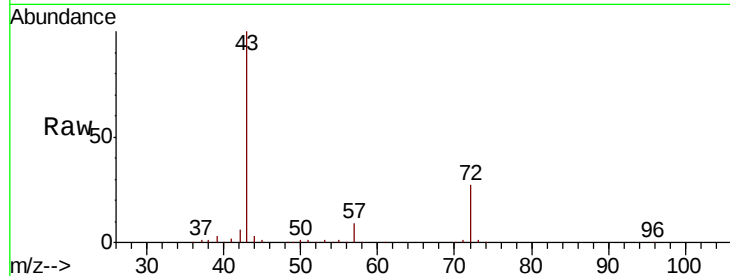
VX0824WBSD01

Tot Ion: 43 Resp: 280030

Ion Ratio Lower Upper

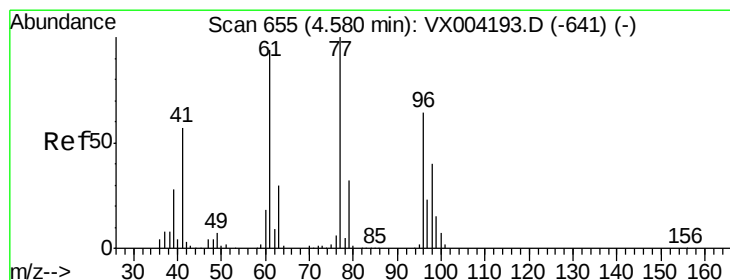
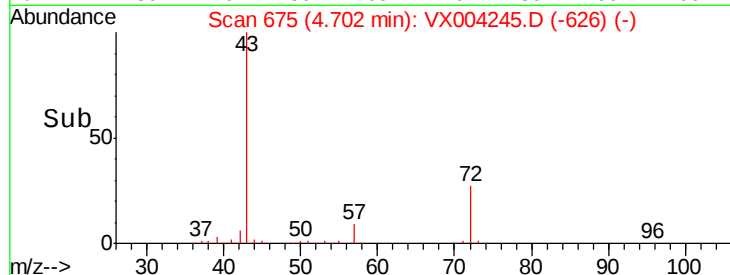
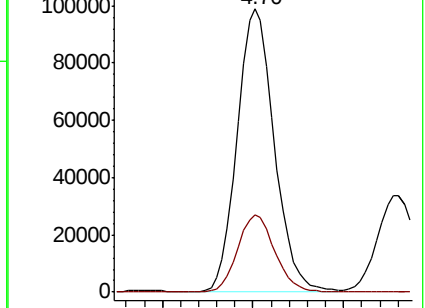
43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.74 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004245.D

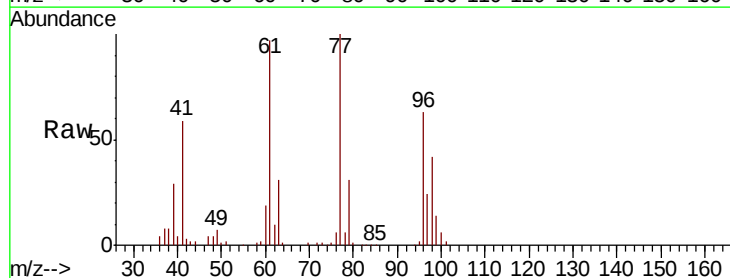
Acq: 24 Aug 2018 14:29

Tgt Ion: 77 Resp: 102609

Ion Ratio Lower Upper

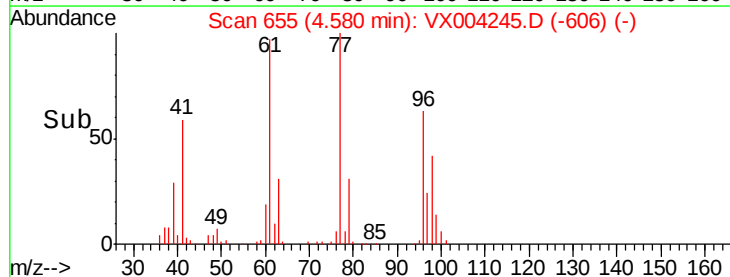
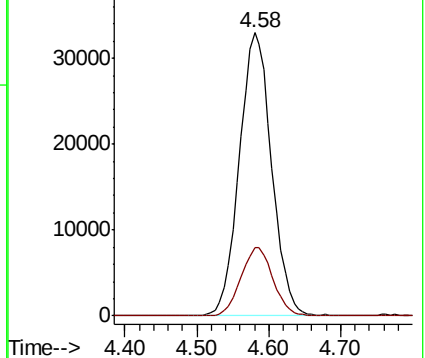
77 100

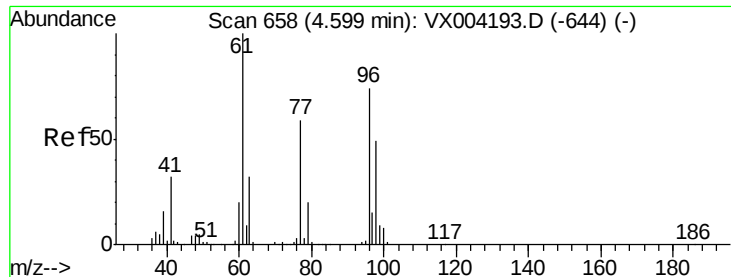
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

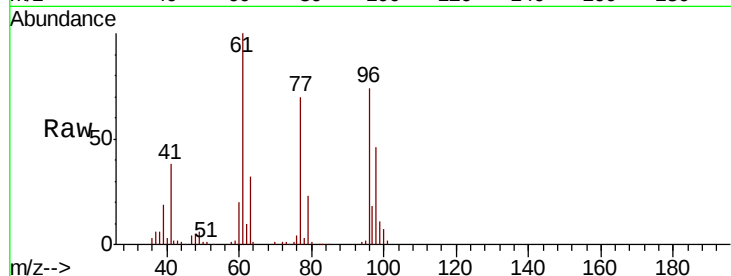
Tot Ion: 96 Resp: 83589

Ion Ratio Lower Upper

96 100

61 140.6 0.0 282.6

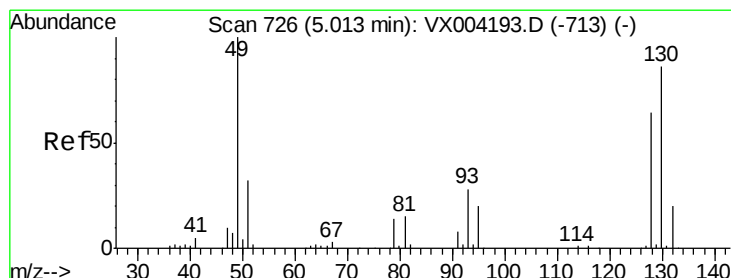
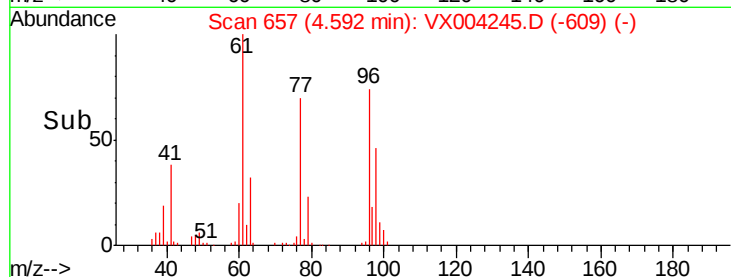
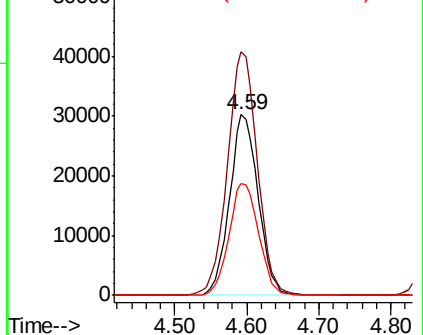
98 64.3 0.0 130.2



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: 19.28 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

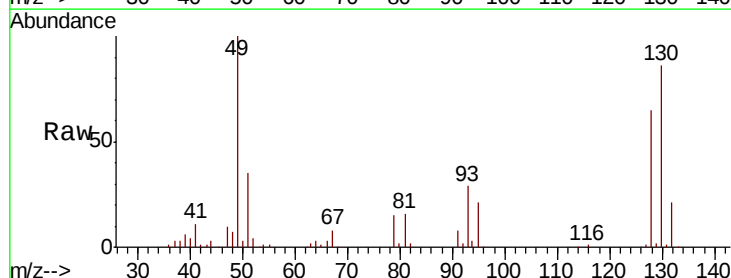
Tgt Ion: 49 Resp: 59601

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

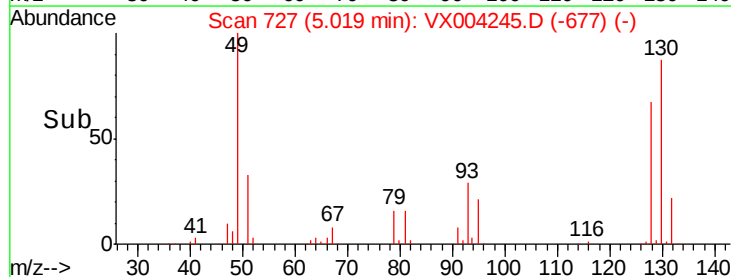
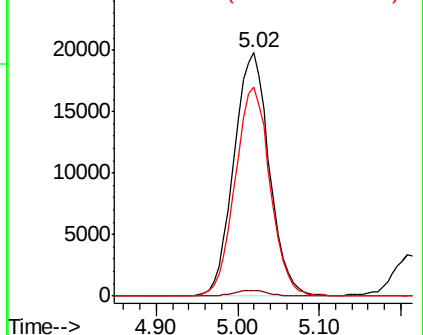
130 84.5 67.5 101.3

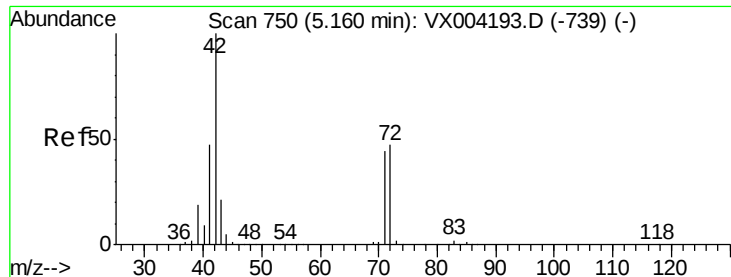


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.54 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

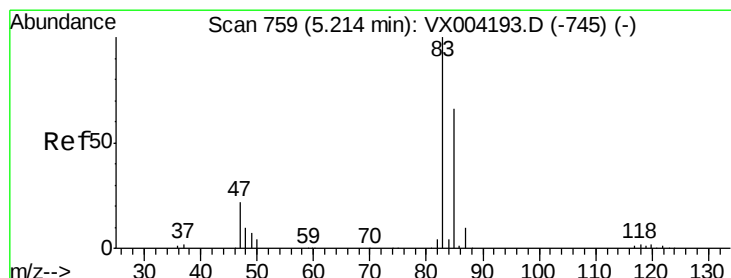
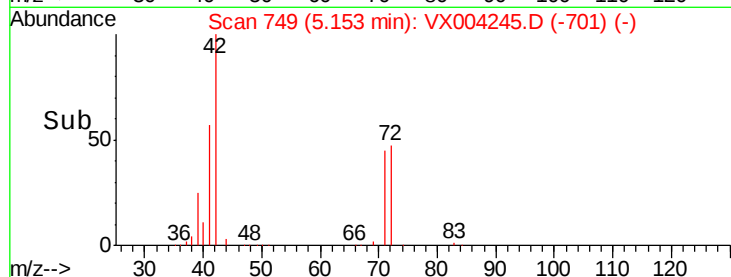
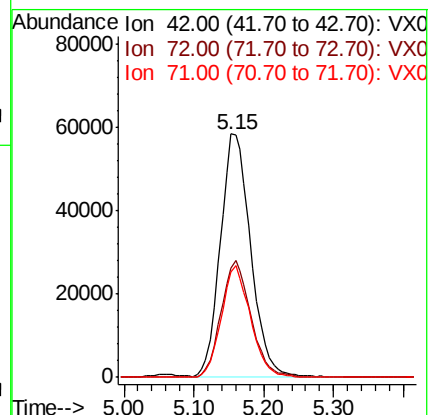
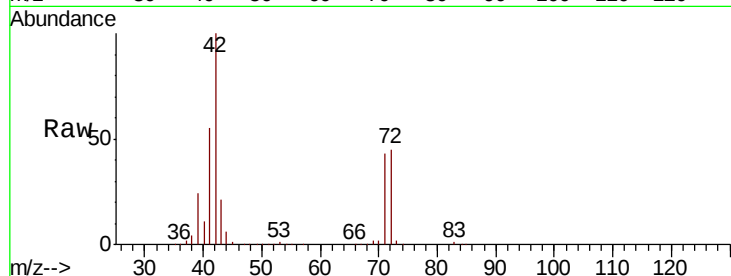
Tot Ion: 42 Resp: 174519

Ion Ratio Lower Upper

42 100

72 47.8 37.4 56.0

71 44.6 34.5 51.7



#30

Chloroform

Concen: 19.19 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004245.D

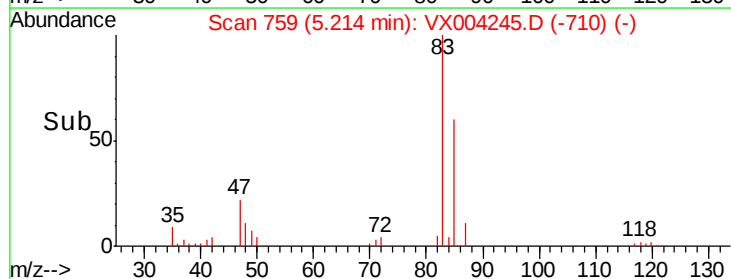
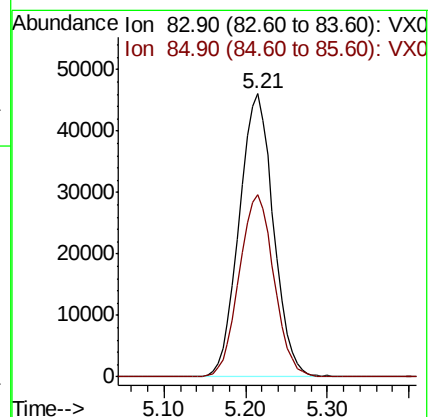
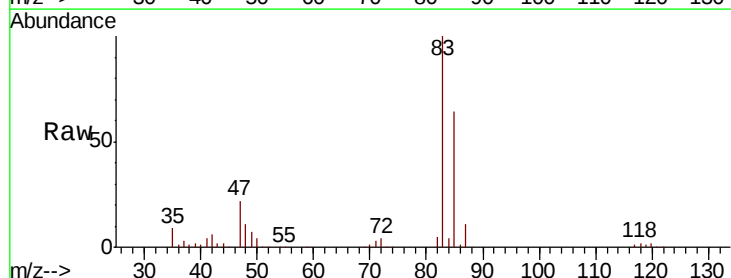
Acq: 24 Aug 2018 14:29

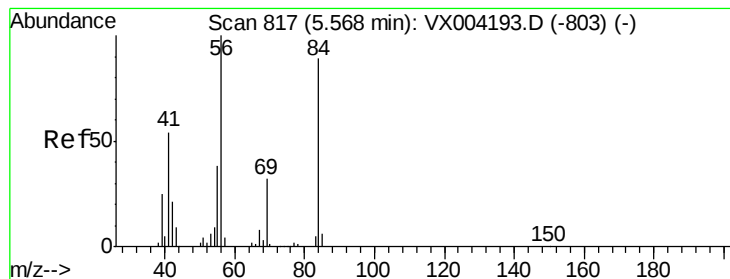
Tgt Ion: 83 Resp: 134298

Ion Ratio Lower Upper

83 100

85 64.4 52.6 79.0





#31

Cyclohexane

Concen: 19.21 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

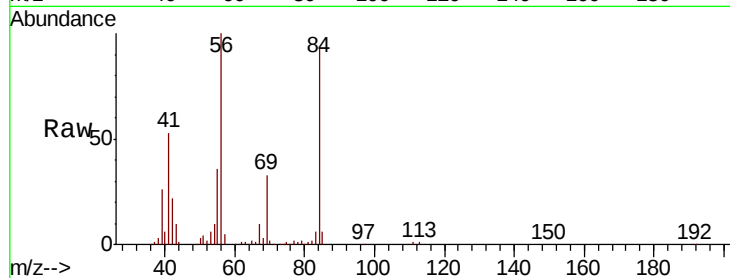
Tot Ion: 56 Resp: 115702

Ion Ratio Lower Upper

56 100

69 33.2 25.4 38.2

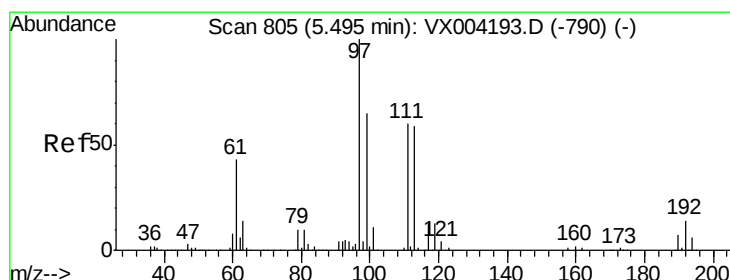
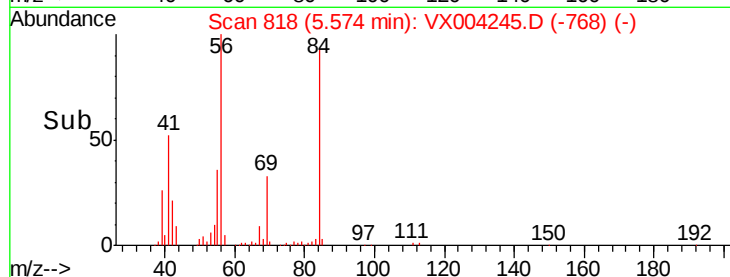
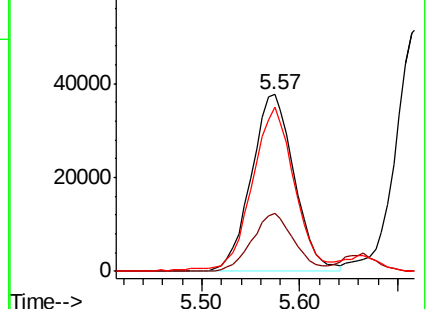
84 91.4 71.4 107.2



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: 19.17 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

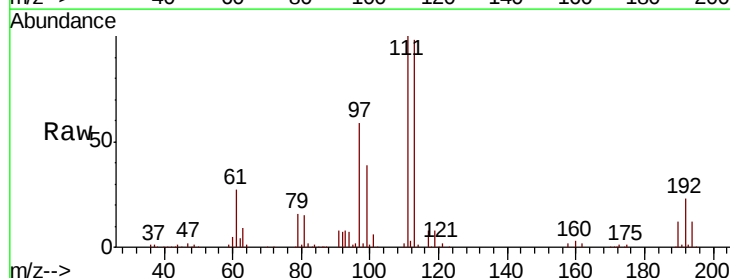
Tgt Ion: 97 Resp: 111888

Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

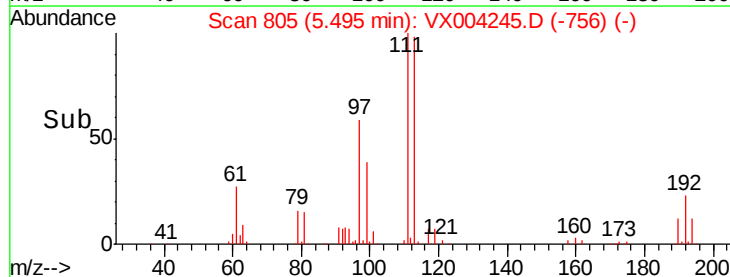
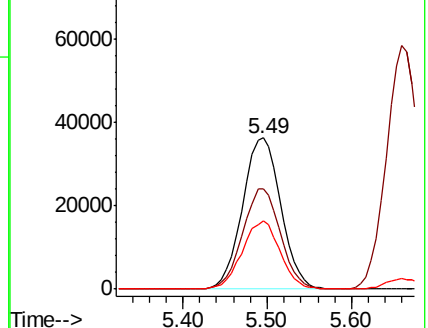
61 44.7 34.9 52.3

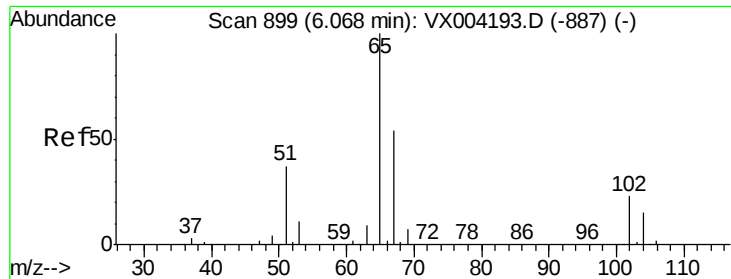


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

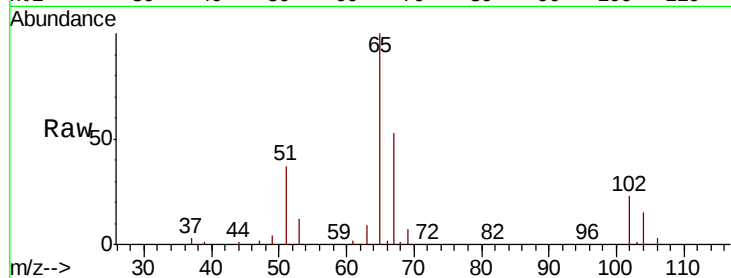
VX0824WBSD01

Tot Ion: 65 Resp: 209617

Ion Ratio Lower Upper

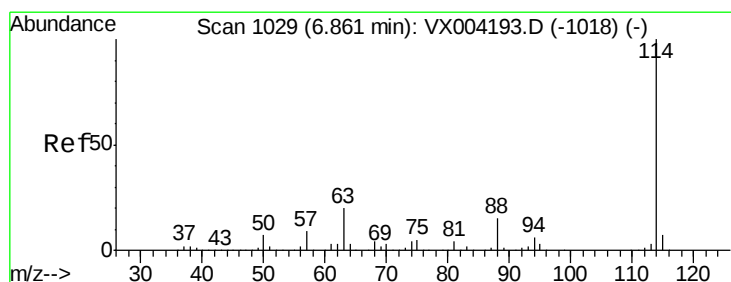
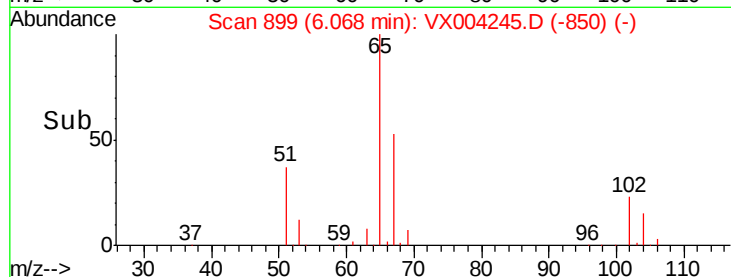
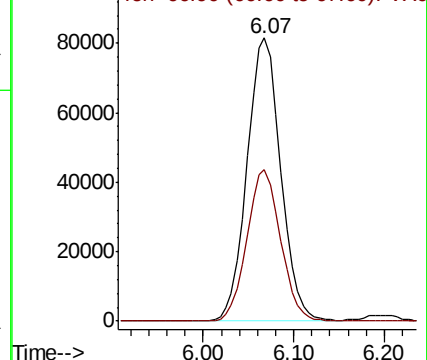
65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

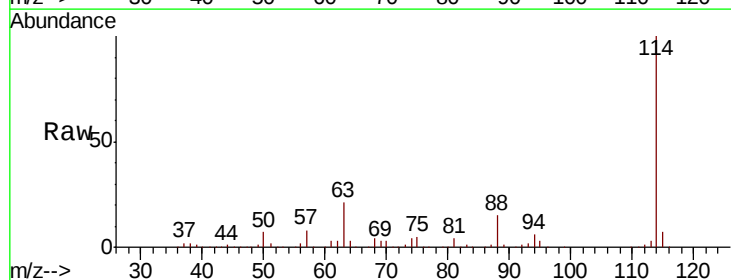
Tgt Ion: 114 Resp: 472529

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

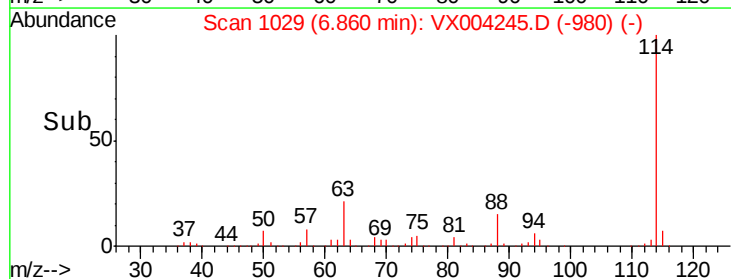
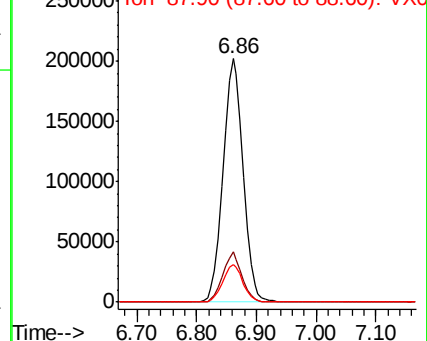
88 15.5 0.0 30.4

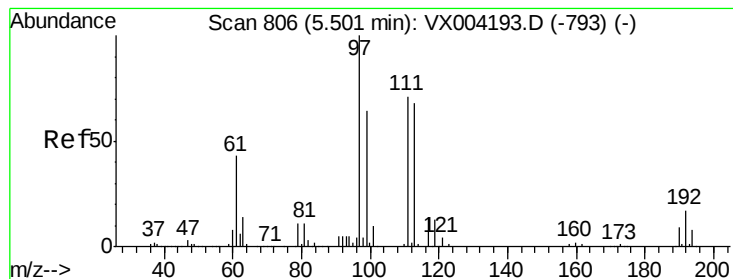


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.60 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

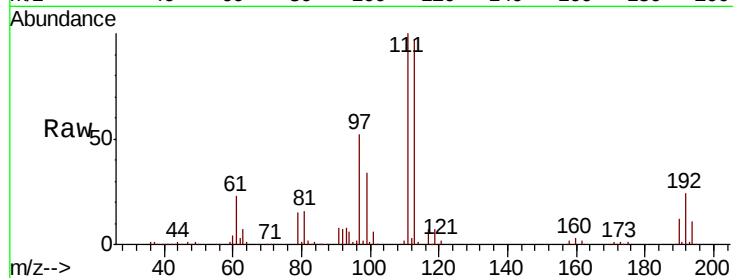
Tot Ion:113 Resp: 181385

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

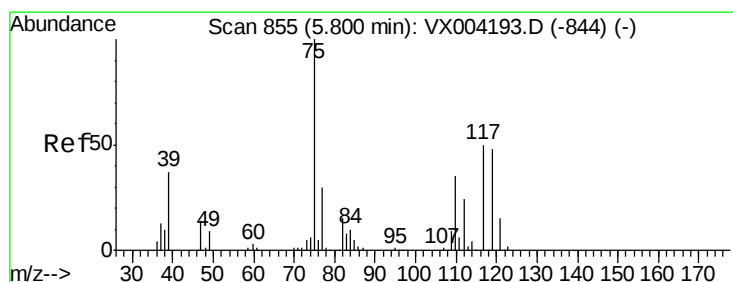
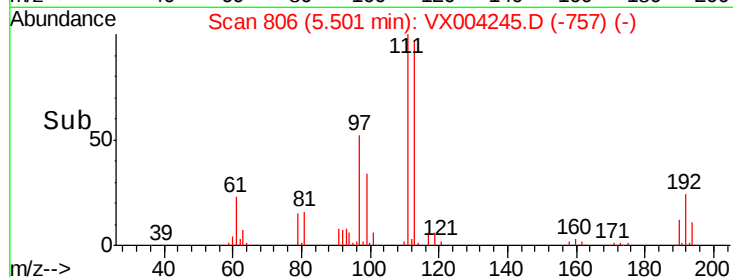
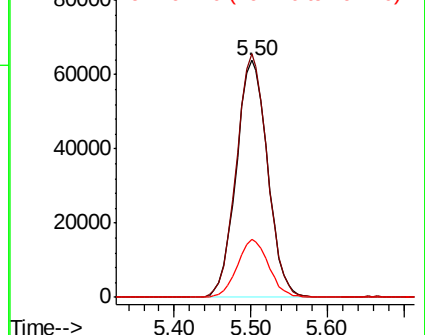
192 24.3 19.4 29.2



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: 18.76 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

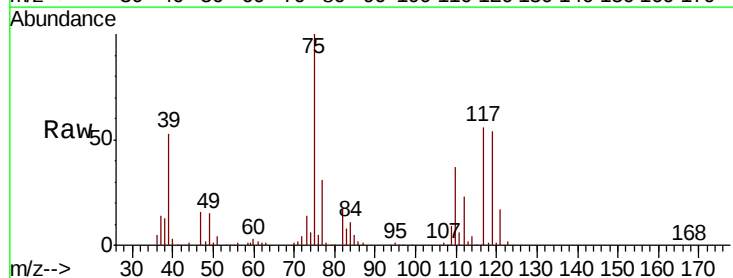
Tgt Ion: 75 Resp: 99660

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

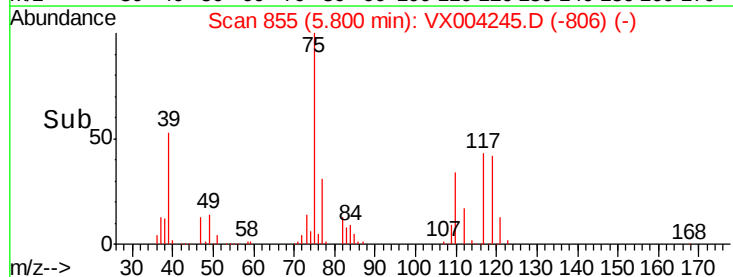
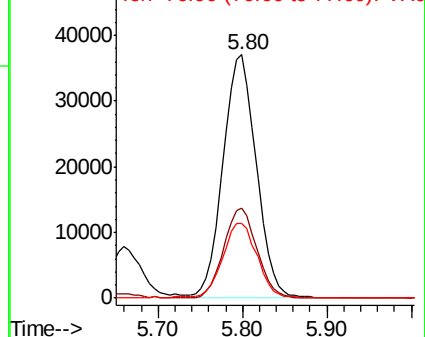
77 32.2 24.6 36.8

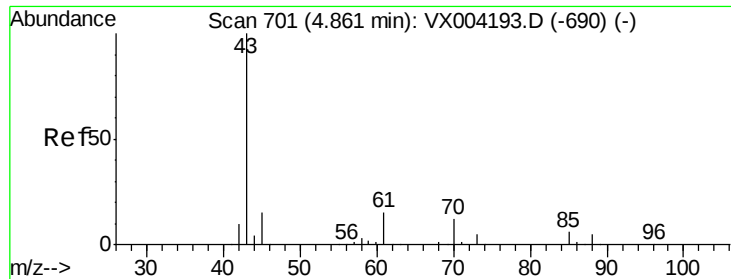


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.20 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

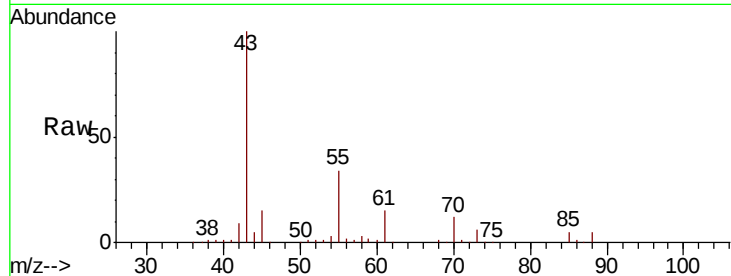
Tot Ion: 43 Resp: 100332

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

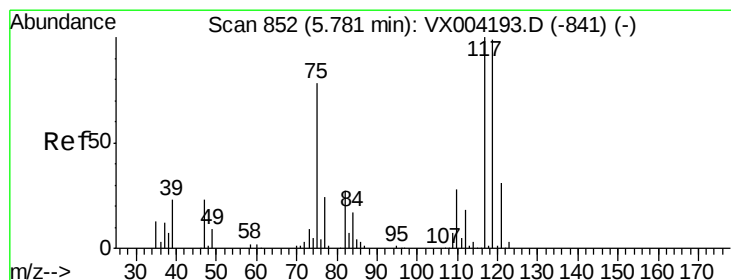
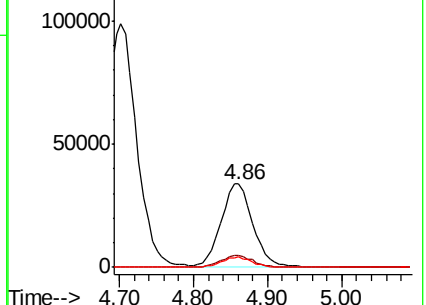
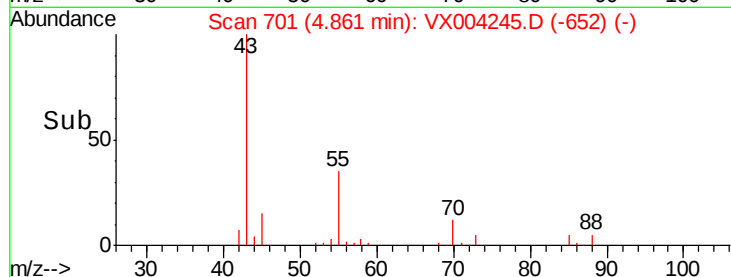
70 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.33 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

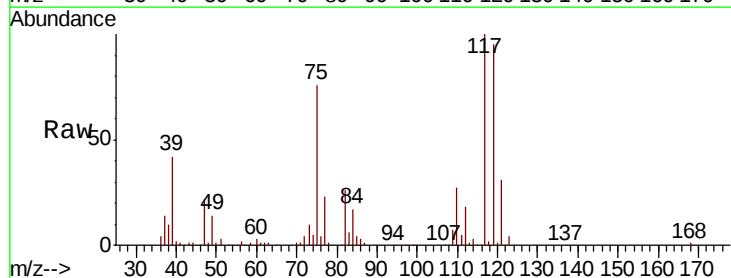
Tgt Ion: 117 Resp: 96587

Ion Ratio Lower Upper

117 100

119 94.5 78.8 118.2

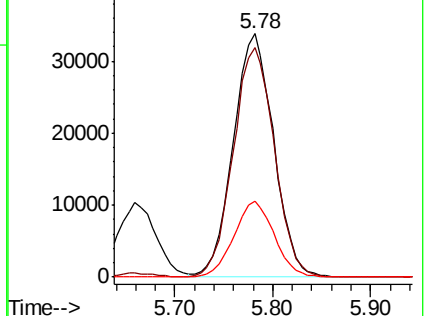
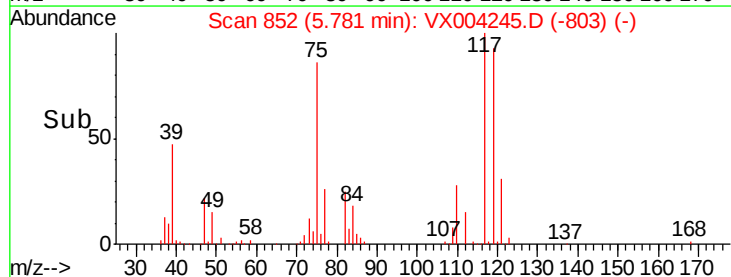
121 31.2 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

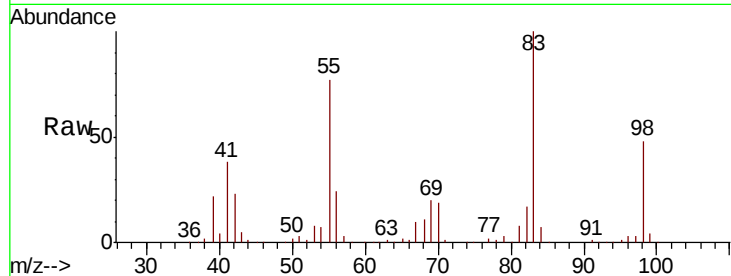




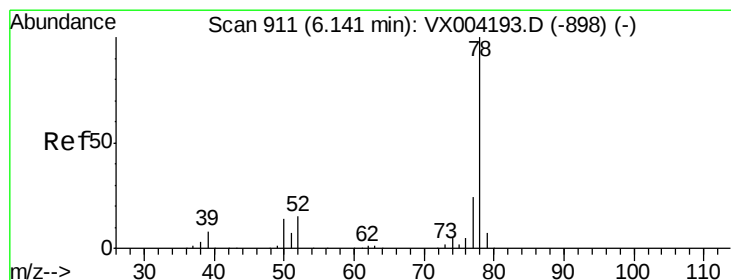
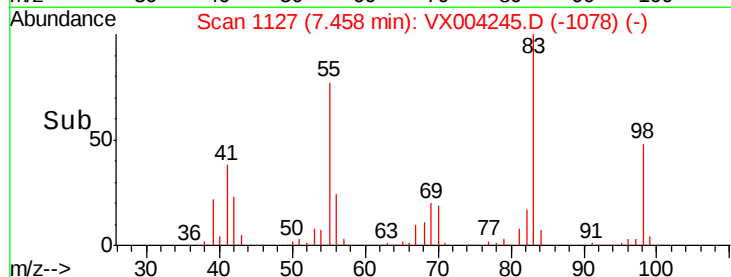
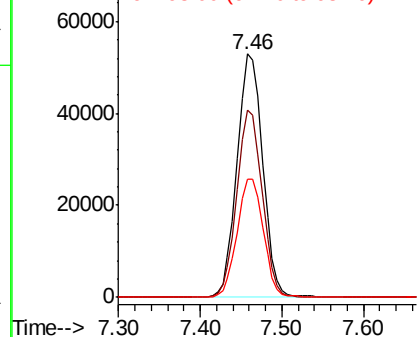
#39
Methylvlcyclohexane
Concen: 18.95 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

Tot Ion: 83 Resp: 114933
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.4
98 48.5 39.6 59.4

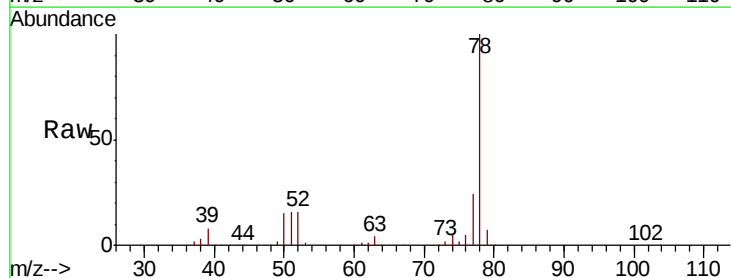


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

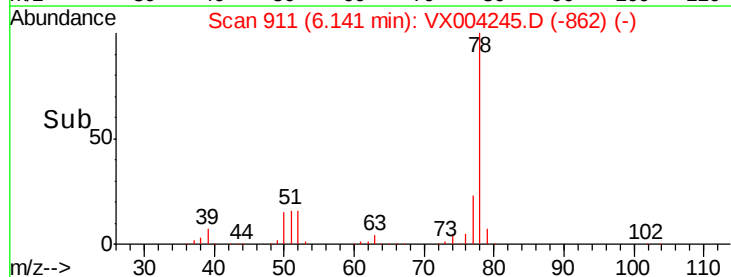
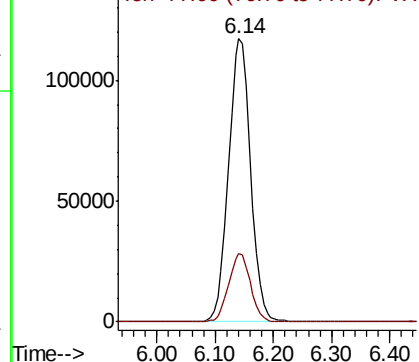


#40
Benzene
Concen: 19.48 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 78 Resp: 309161
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



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

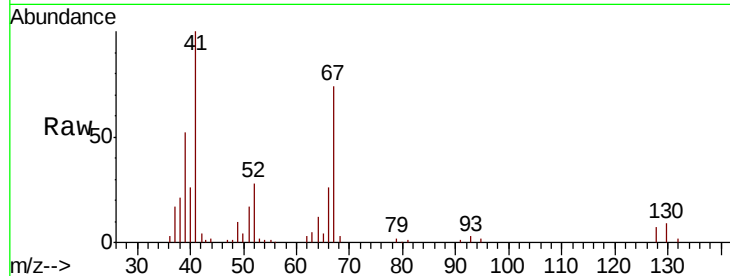




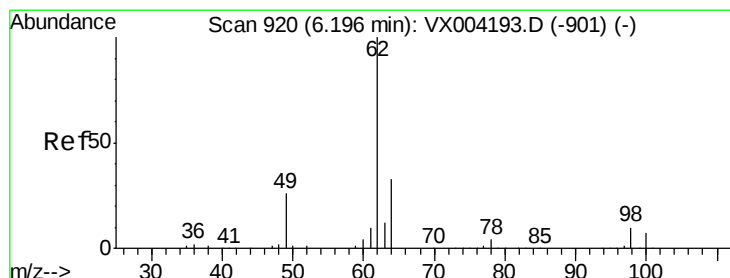
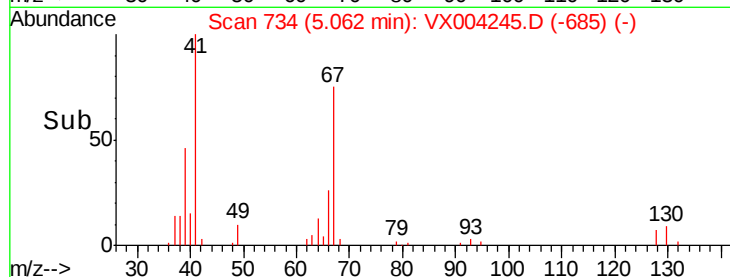
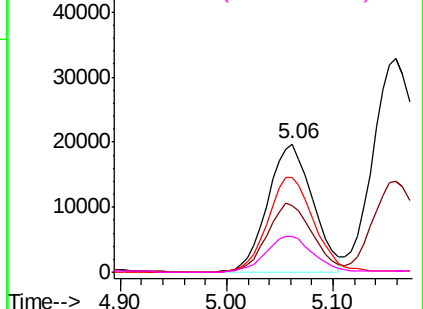
#41
Methacrylonitrile
Concen: 19.09 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

Tot Ion:	41	Resp:	57819
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.4	63.6
67	75.9	59.2	88.8
52	28.9	23.0	34.4

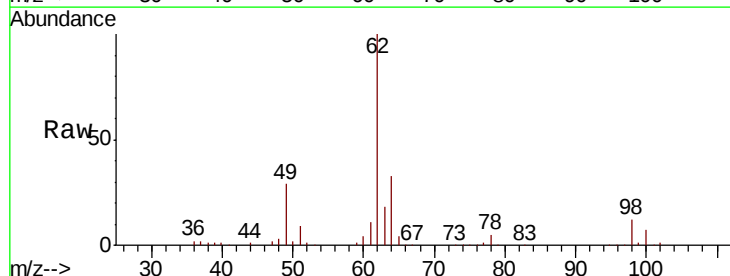


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

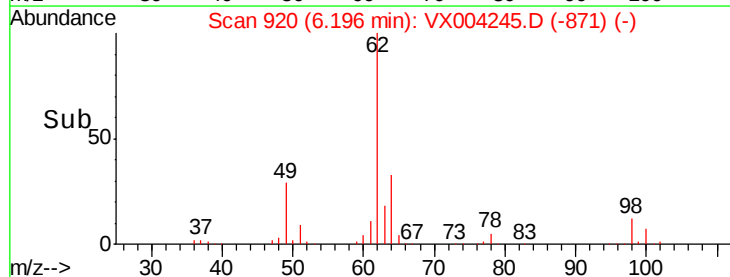
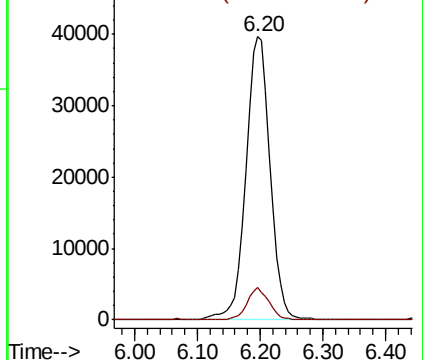


#42
1,2-Dichloroethane
Concen: 19.52 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion:	62	Resp:	105704
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 19.59 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

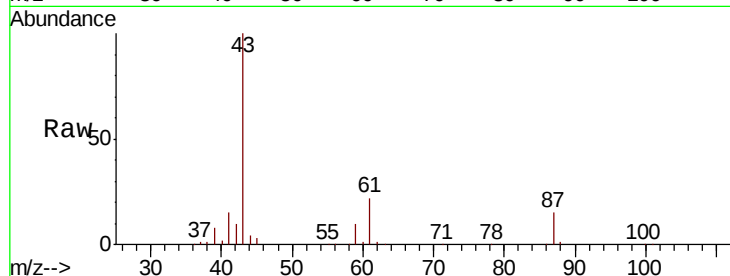
Tot Ion: 43 Resp: 157241

Ion Ratio Lower Upper

43 100

61 21.7 17.0 25.4

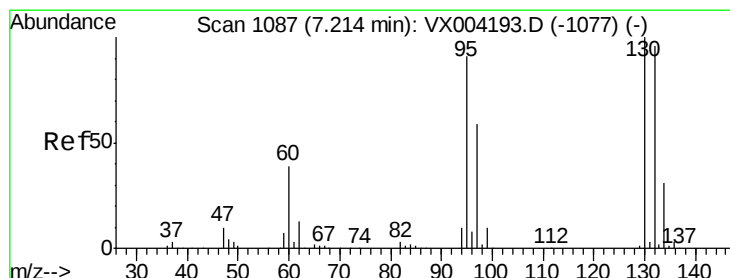
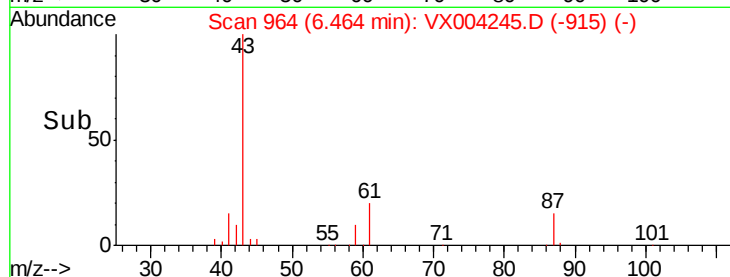
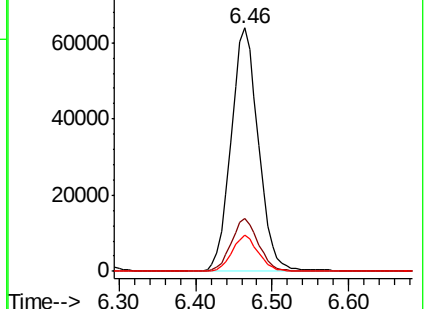
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.91 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004245.D

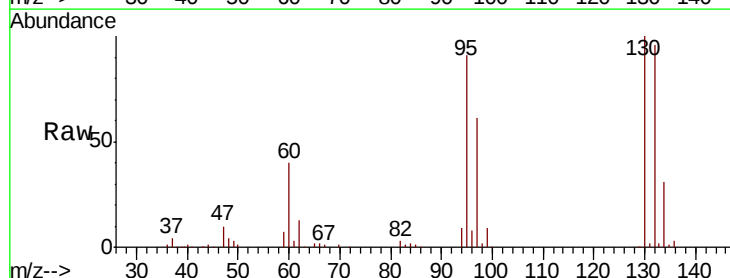
Acq: 24 Aug 2018 14:29

Tgt Ion:130 Resp: 83106

Ion Ratio Lower Upper

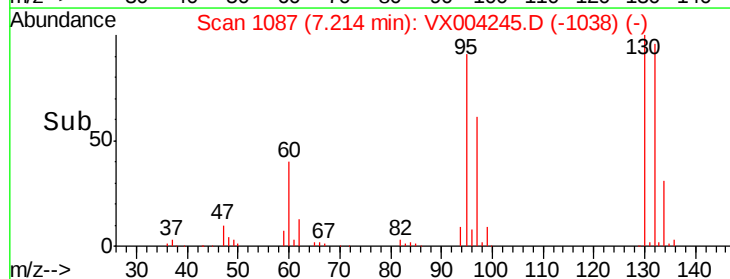
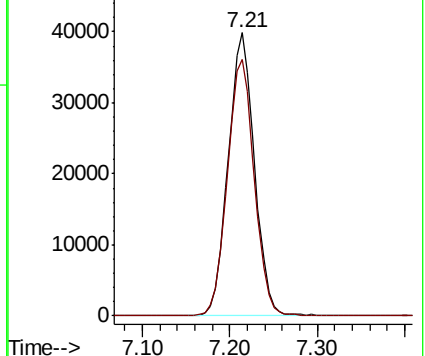
130 100

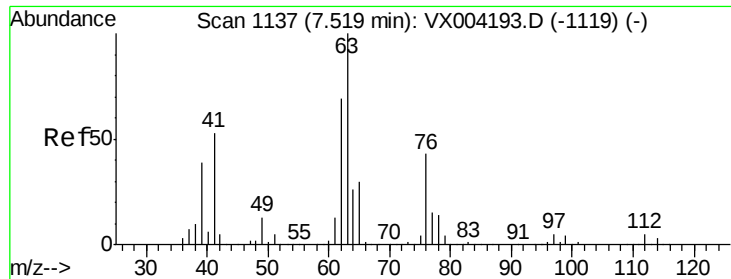
95 90.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

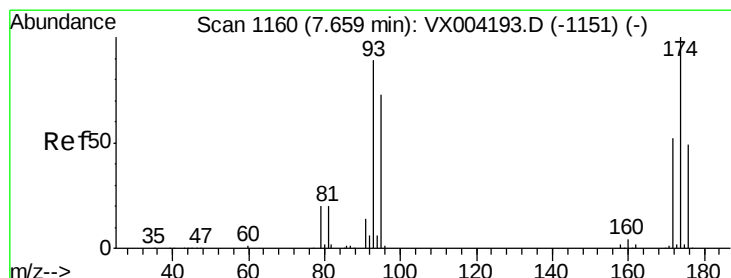
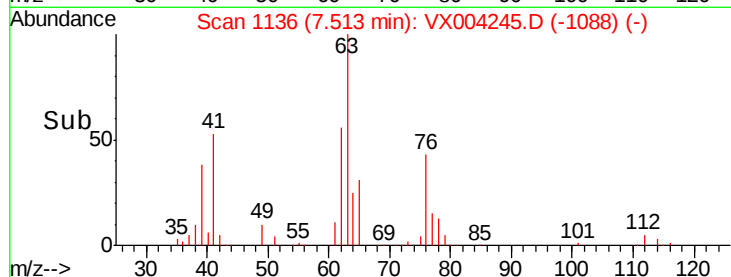
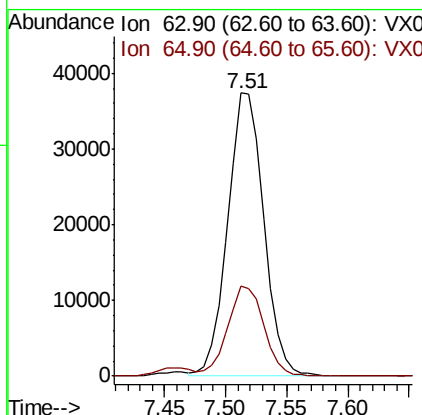
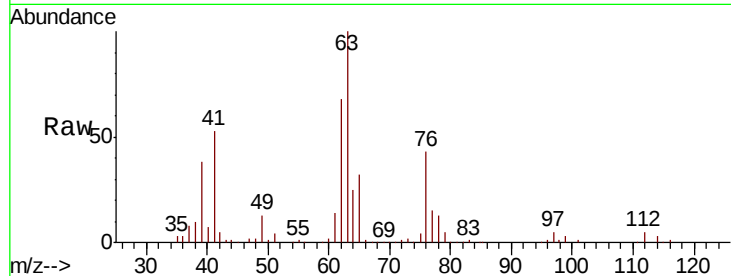




#45
 1,2-Dichloropropane
 Concen: 19.14 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

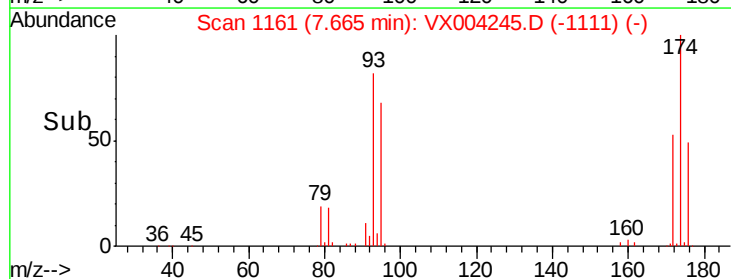
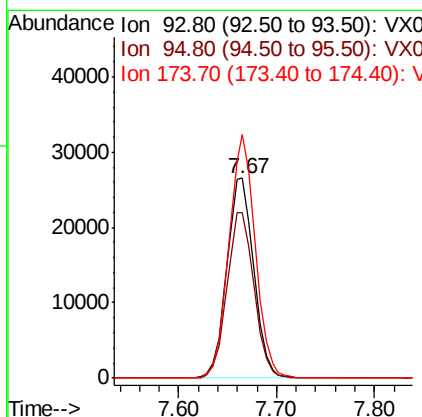
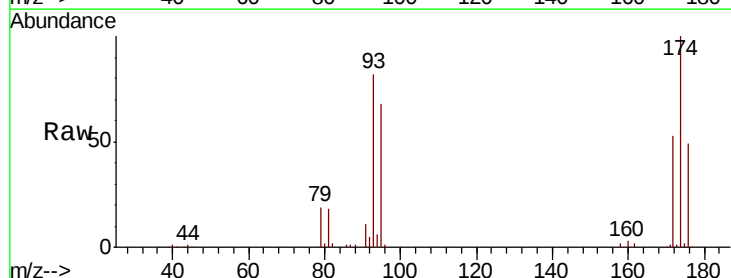
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

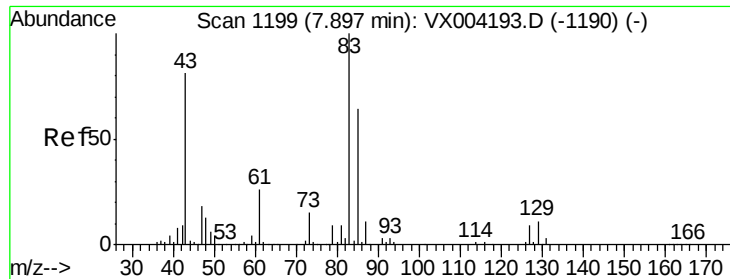
Tot Ion: 63 Resp: 76030
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion: 93 Resp: 50727
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 118.9 94.2 141.4

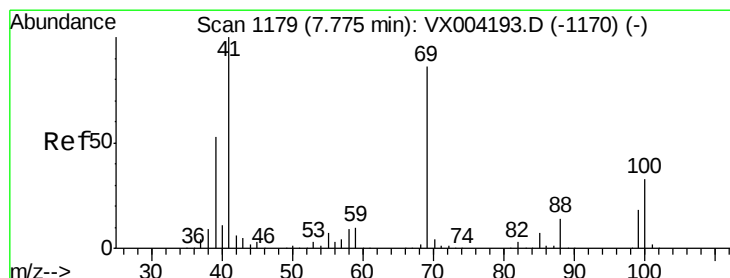
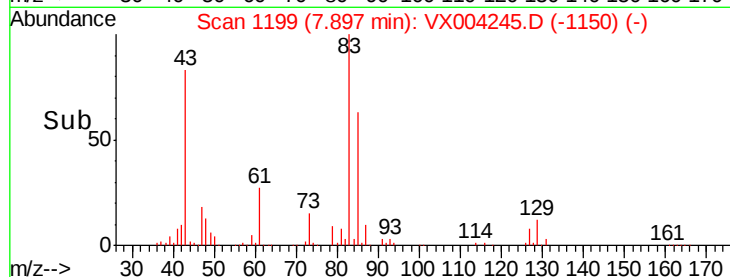
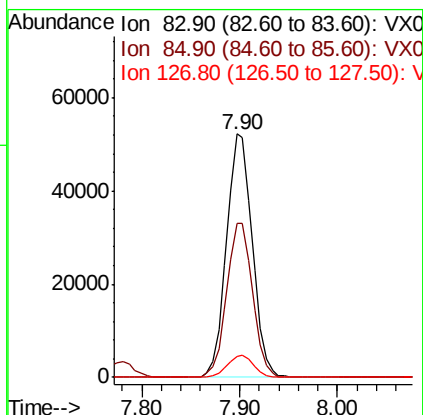
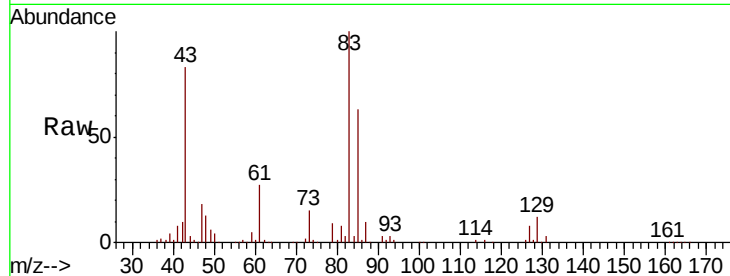




#47
 Bromodichloromethane
 Concen: 19.41 ug/l
 RT: 7.90 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

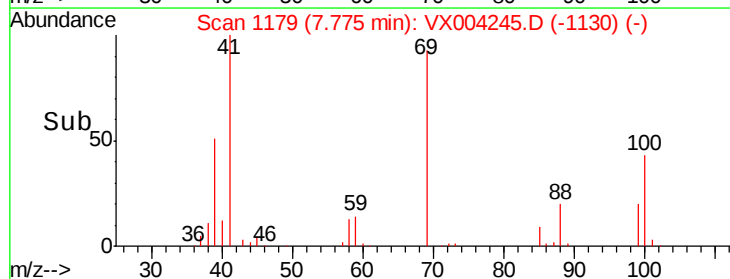
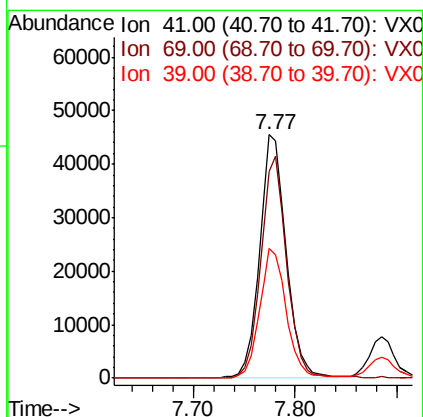
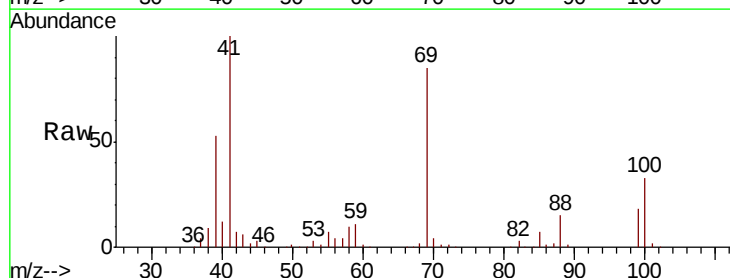
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

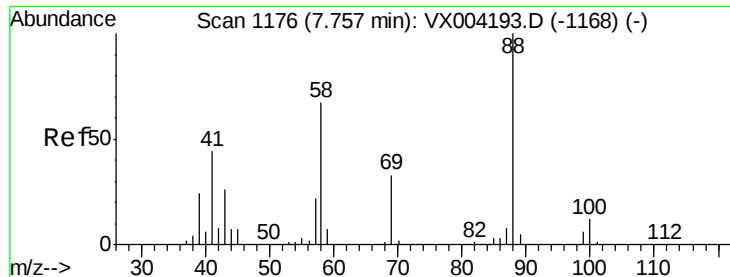
Tot Ion: 83 Resp: 95560
 Ion Ratio Lower Upper
 83 100
 85 63.3 50.9 76.3
 127 8.4 7.3 10.9



#48
 Methyl methacrylate
 Concen: 19.20 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion: 41 Resp: 82466
 Ion Ratio Lower Upper
 41 100
 69 89.1 70.2 105.4
 39 53.0 42.7 64.1

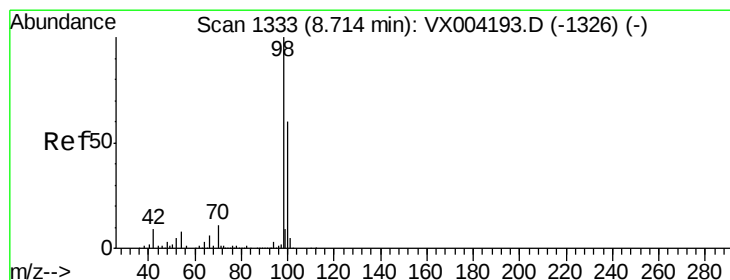
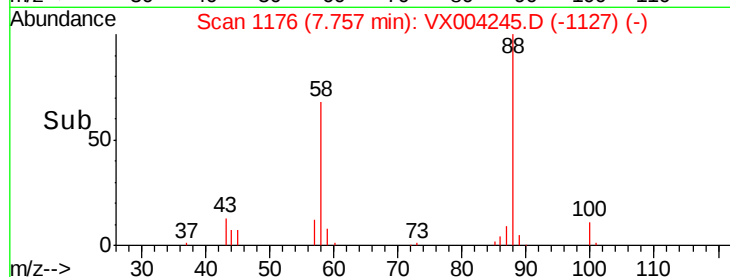
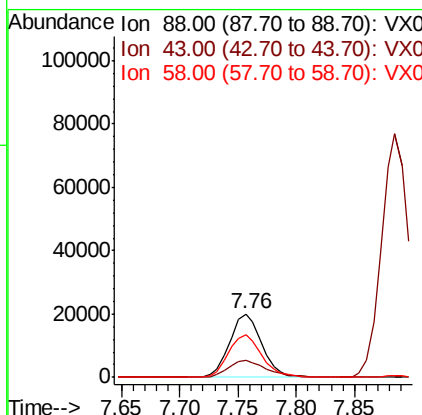
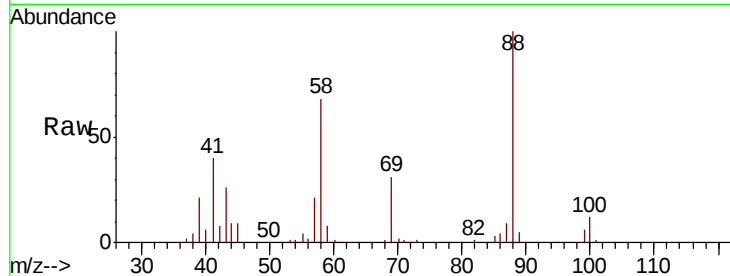




#49
1,4-Dioxane
Concen: 395.03 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

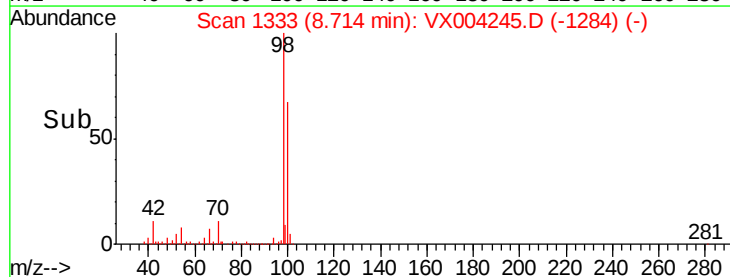
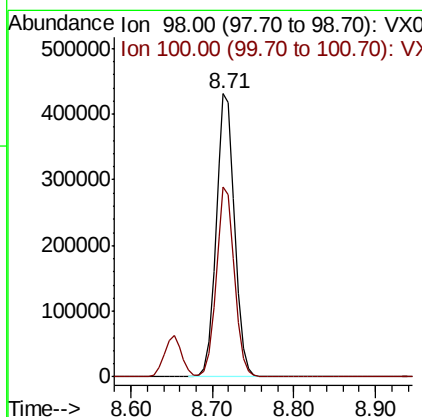
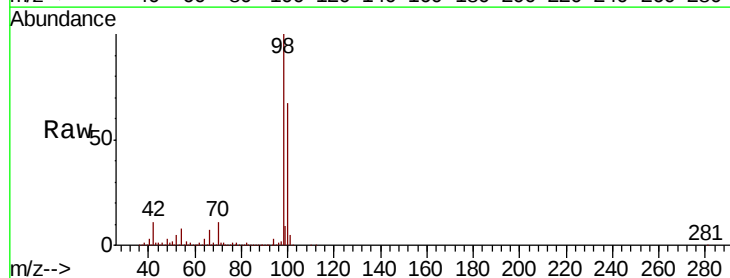
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

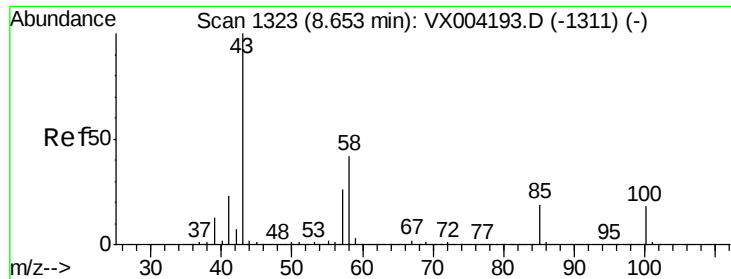
Tot Ion: 88 Resp: 38527
Ion Ratio Lower Upper
88 100
43 30.9 24.7 37.1
58 70.3 55.3 82.9



#50
Toluene-d8
Concen: 51.48 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 98 Resp: 683115
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 91.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

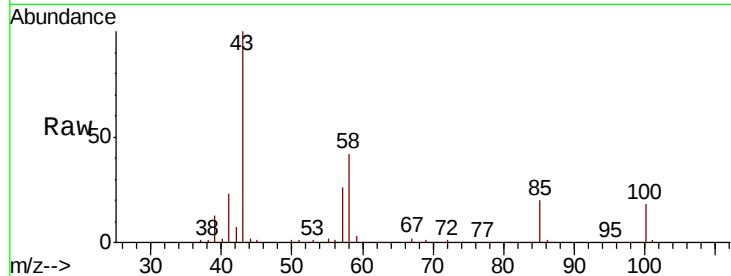
VX0824WBSD01

Tot Ion: 43 Resp: 532793

Ion Ratio Lower Upper

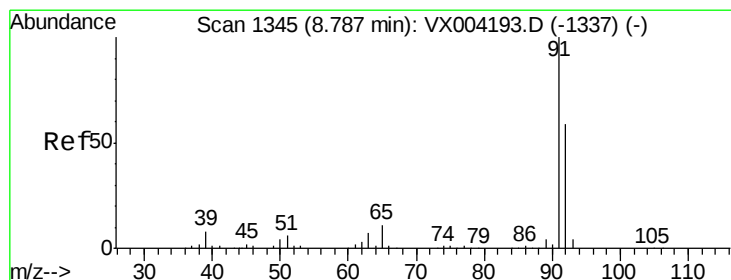
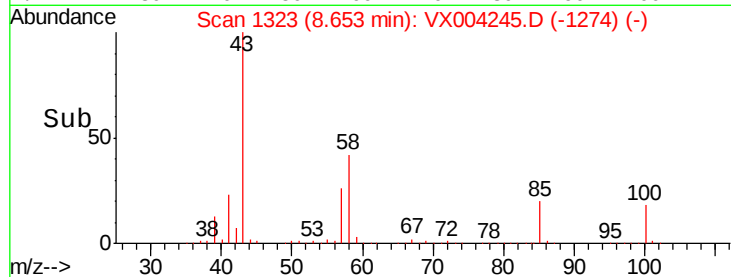
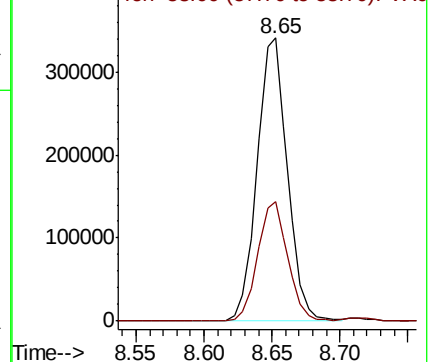
43 100

58 41.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004245.D

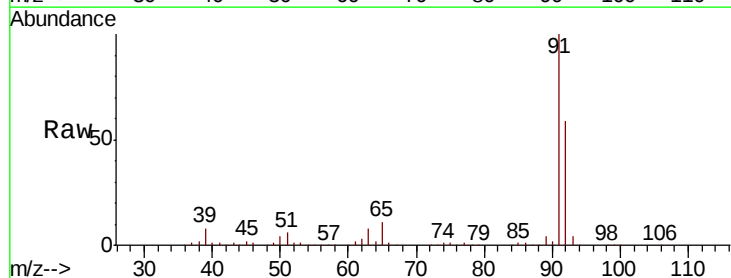
Acq: 24 Aug 2018 14:29

Tgt Ion: 92 Resp: 198913

Ion Ratio Lower Upper

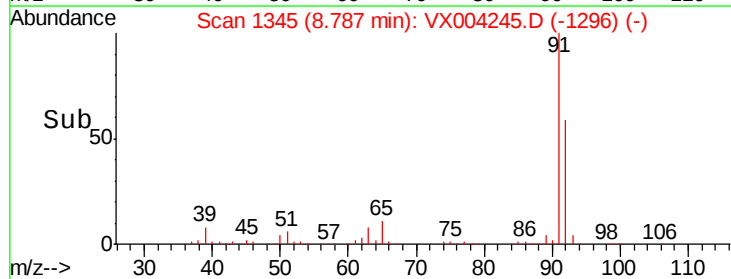
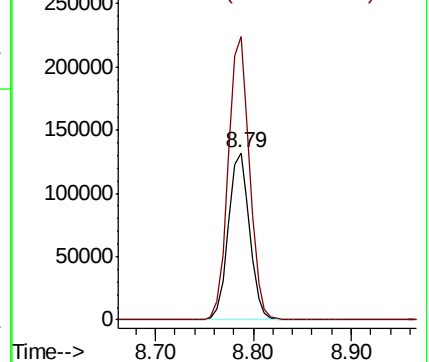
92 100

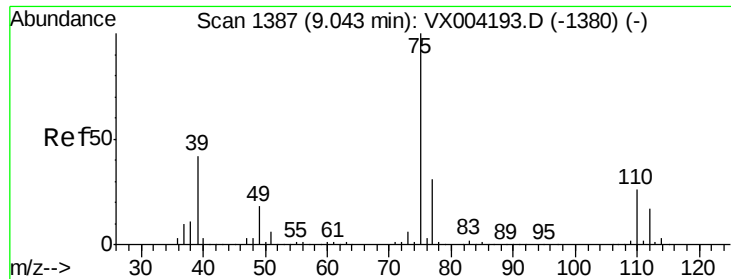
91 169.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

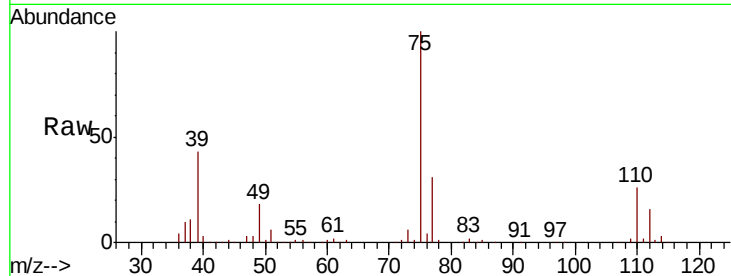
VX0824WBSD01

Tot Ion: 75 Resp: 105089

Ion Ratio Lower Upper

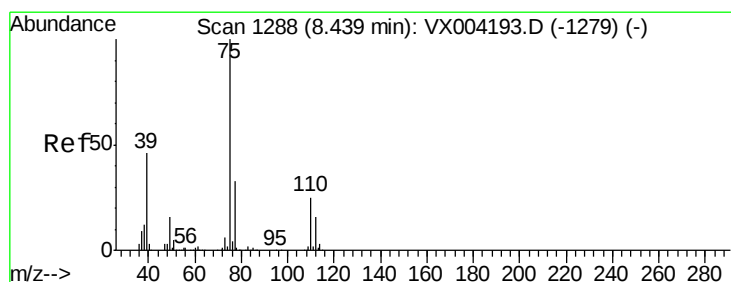
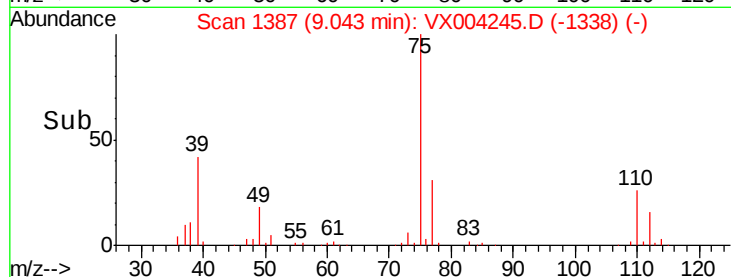
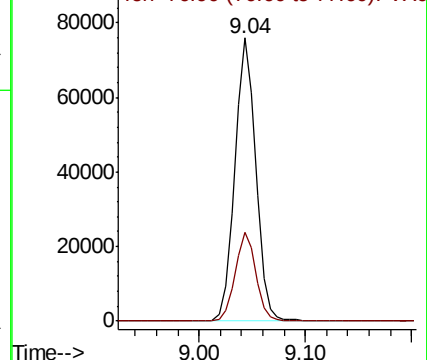
75 100

77 31.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

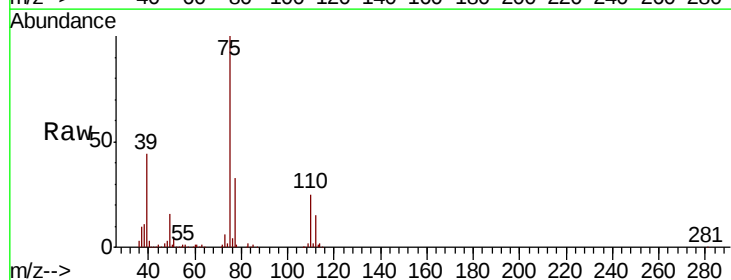
Tgt Ion: 75 Resp: 116715

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

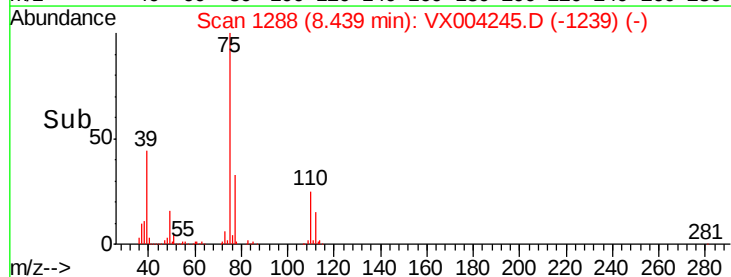
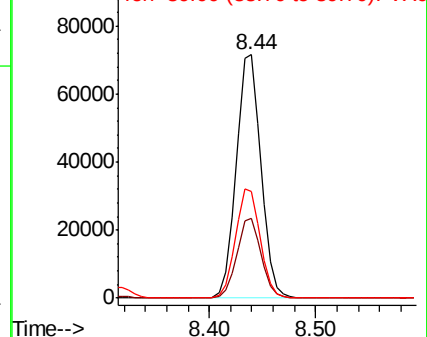
39 43.5 36.4 54.6

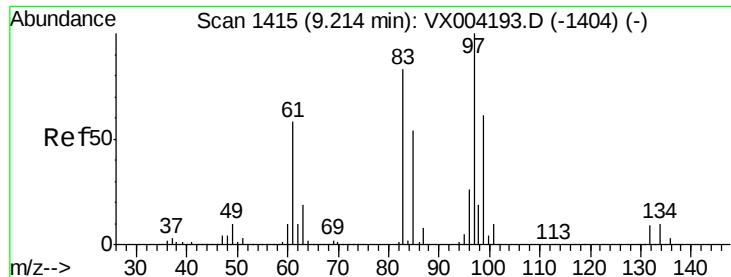


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

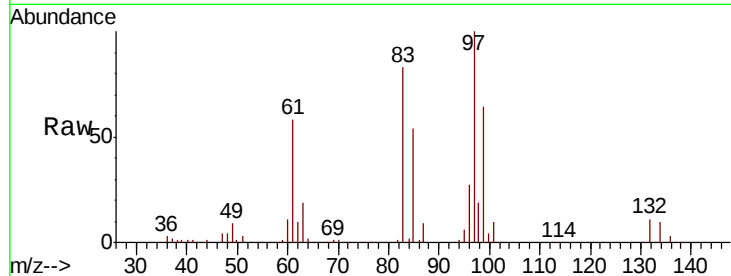




#55
 1,1,2-Trichloroethane
 Concen: 19.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Tot Ion:	97	Resp:	79561
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	54.2	43.3	64.9
99	63.7	49.0	73.4



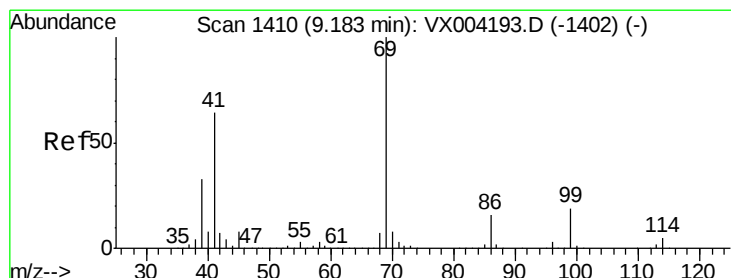
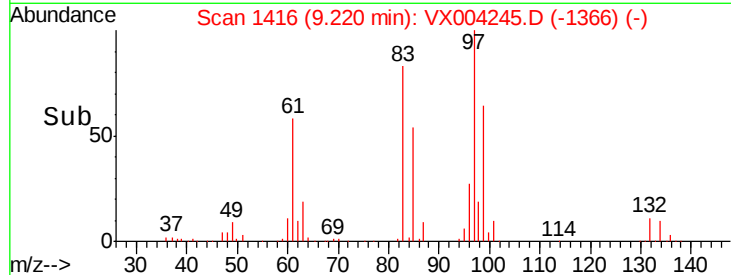
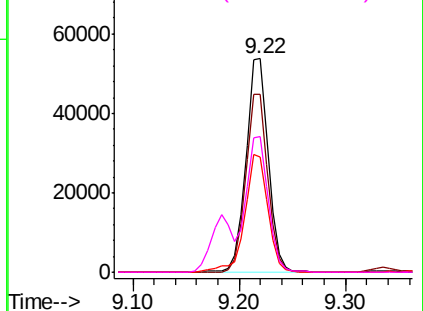
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

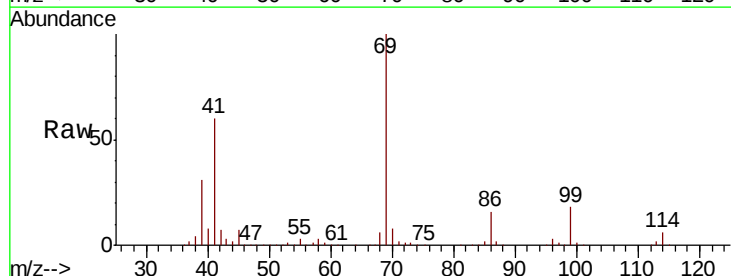
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.98 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion:	69	Resp:	109090
Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.0	76.4
39	31.4	26.1	39.1

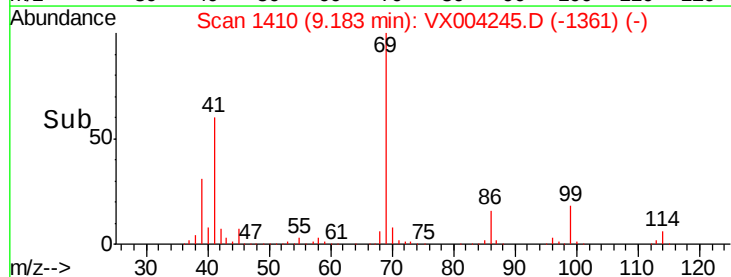
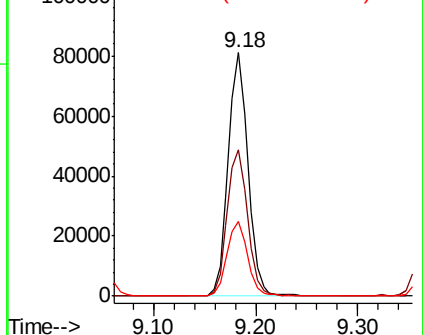


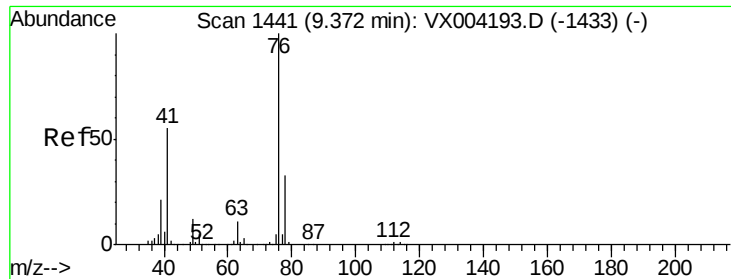
Abundance

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

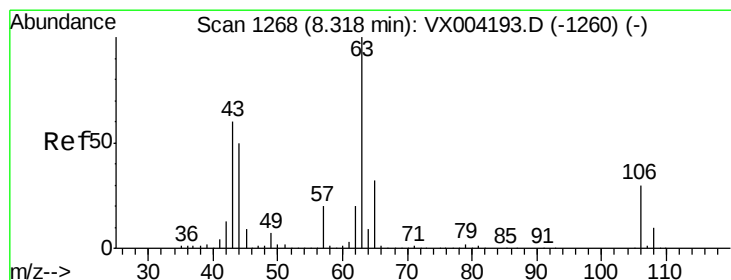
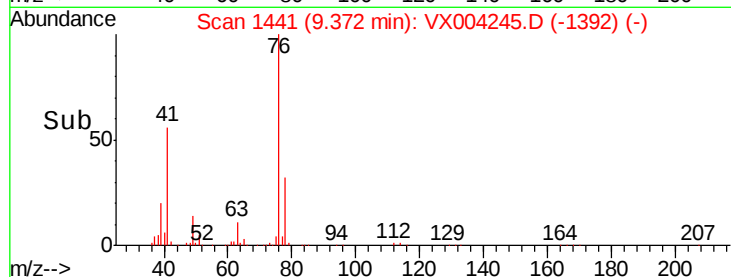
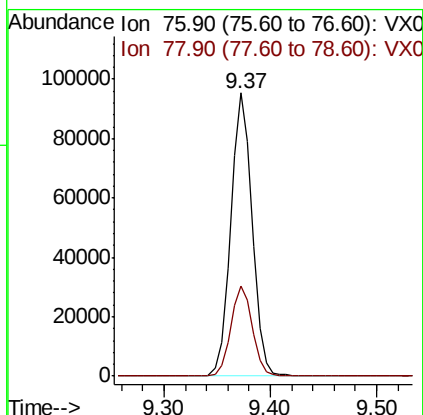
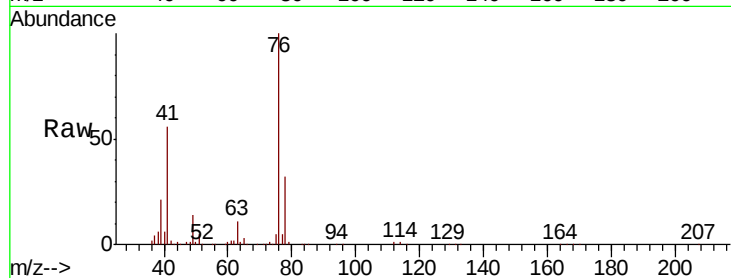




#57
 1,3-Dichloropropane
 Concen: 19.81 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

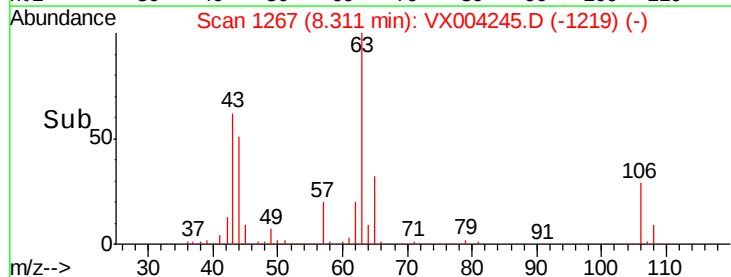
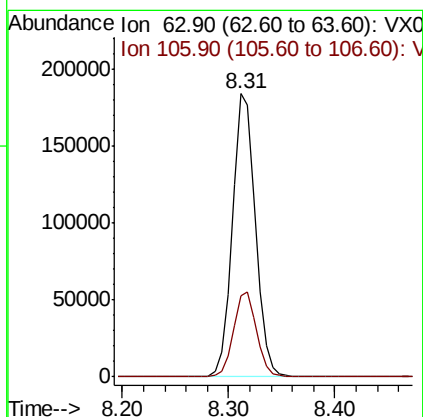
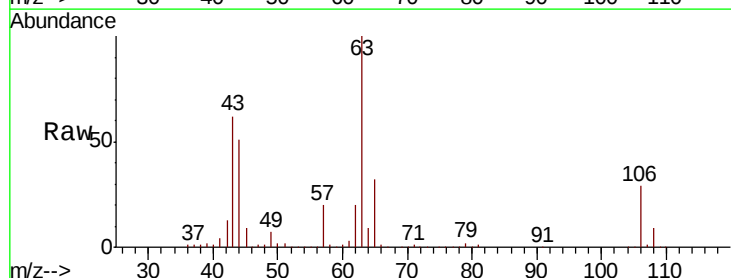
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

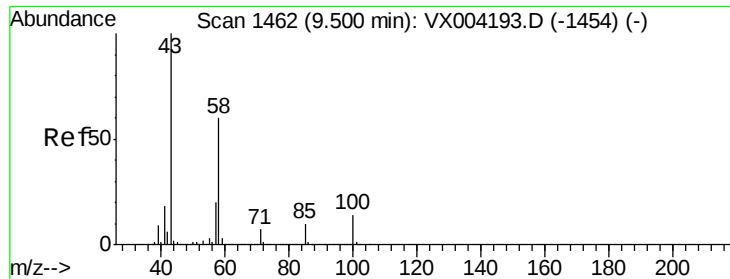
Tot Ion: 76 Resp: 133954
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.12 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion: 63 Resp: 280127
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.9 35.9

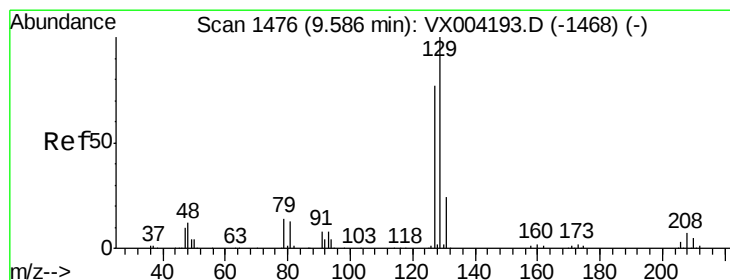
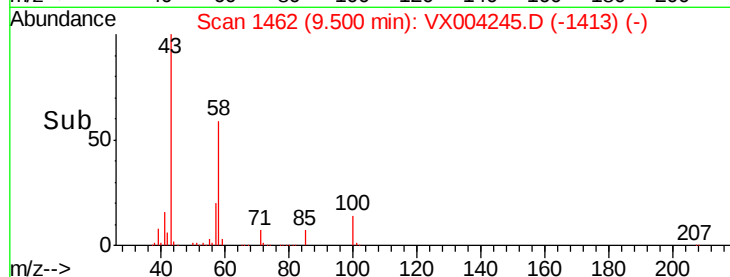
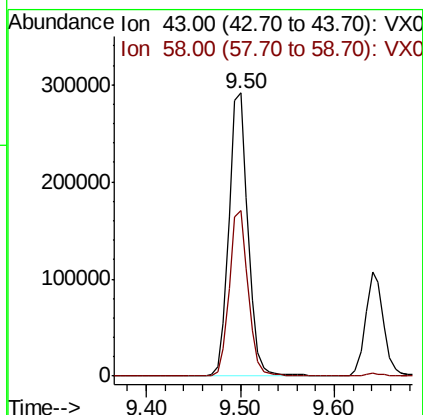
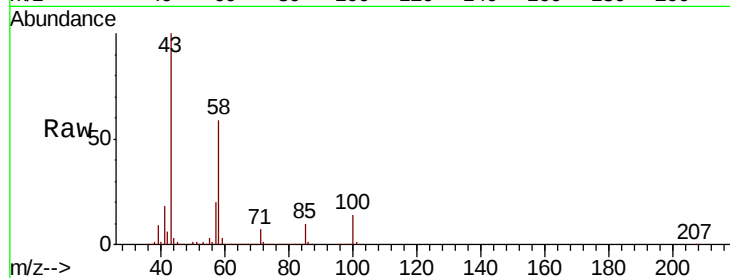




#59
2-Hexanone
Concen: 91.92 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

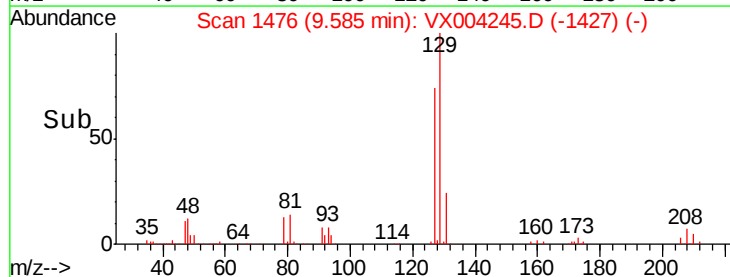
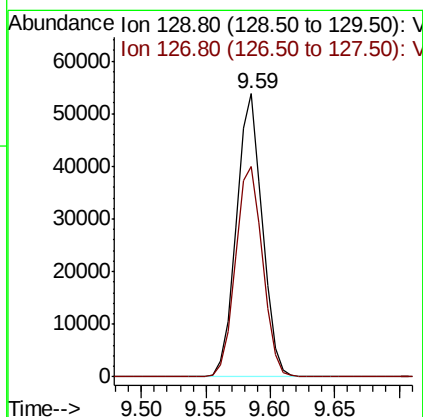
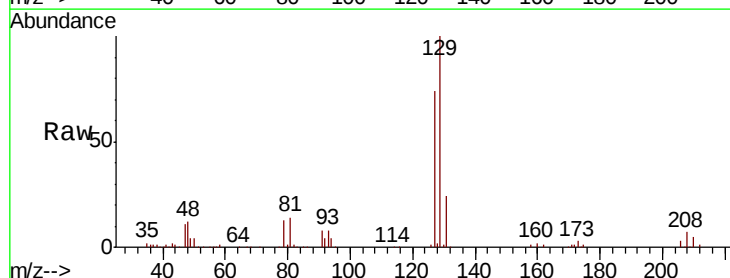
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

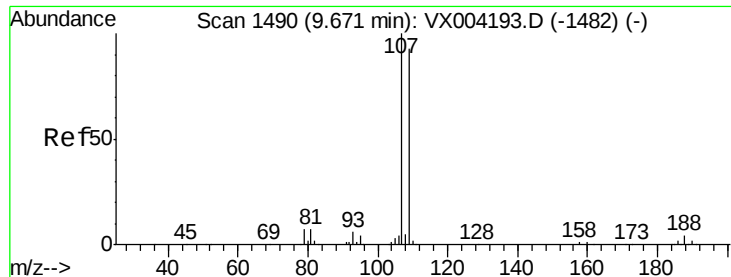
Tot Ion: 43 Resp: 409028
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0



#60
Dibromochloromethane
Concen: 19.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 129 Resp: 75151
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.70 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

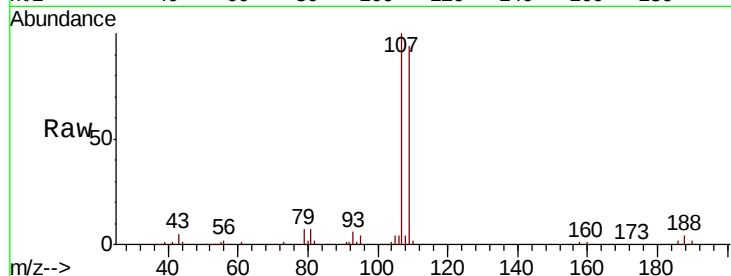
VX0824WBSD01

Tot Ion:107 Resp: 81781

Ion Ratio Lower Upper

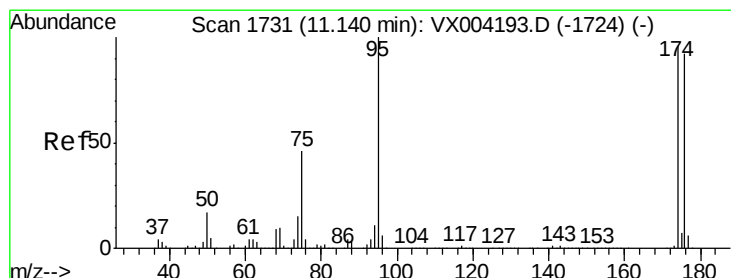
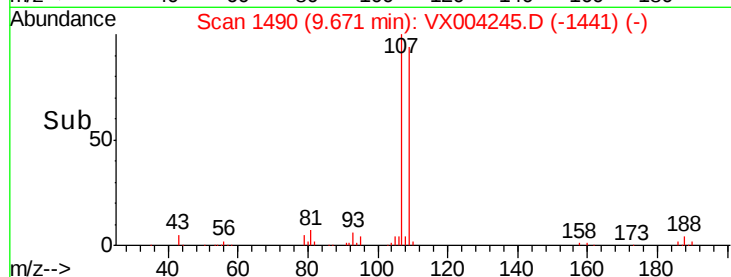
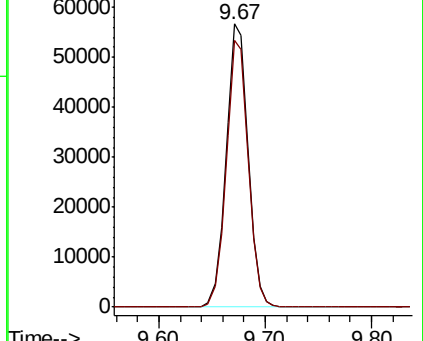
107 100

109 94.4 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: 51.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

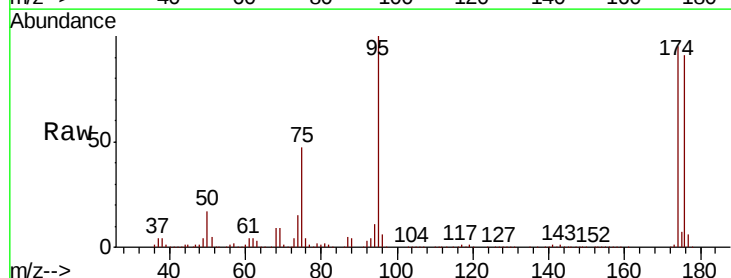
Tgt Ion: 95 Resp: 253582

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

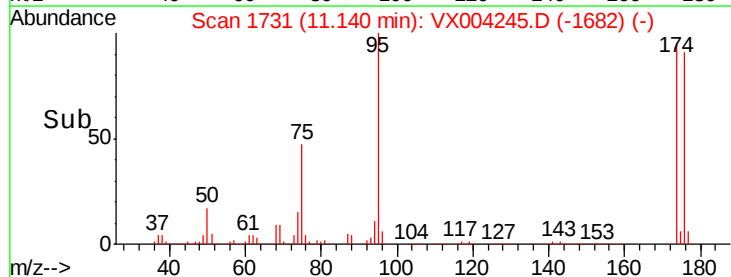
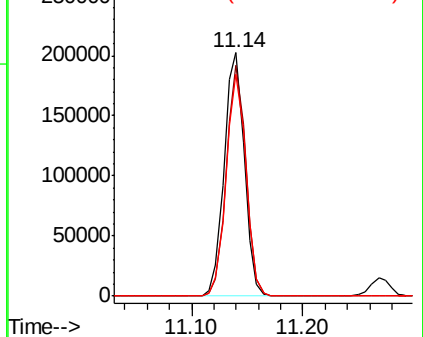
176 89.8 0.0 178.6



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

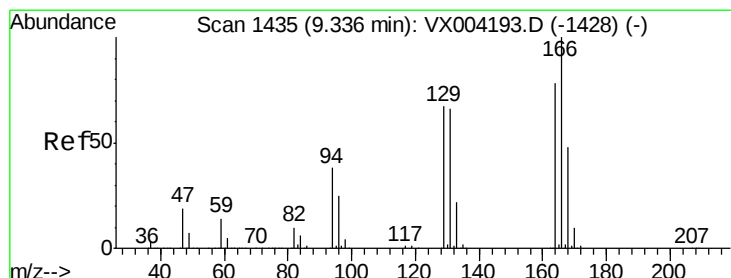
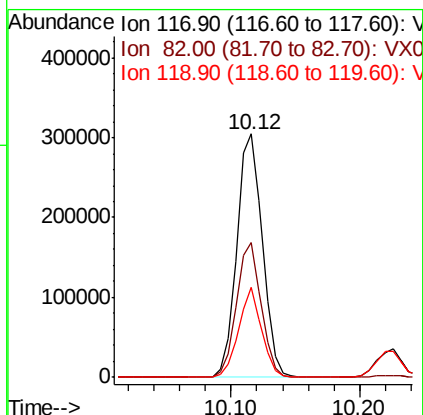
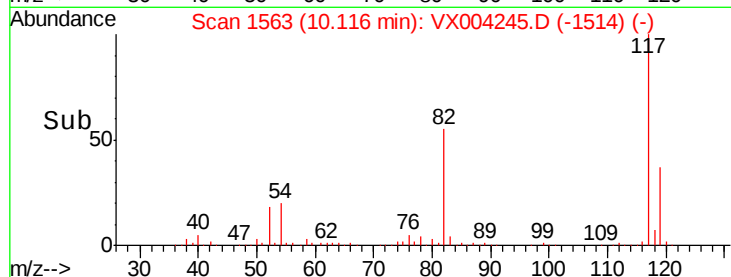
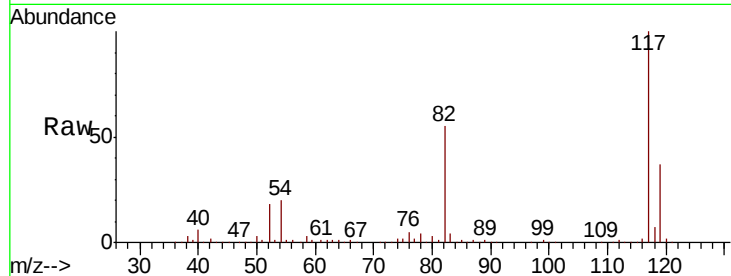




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

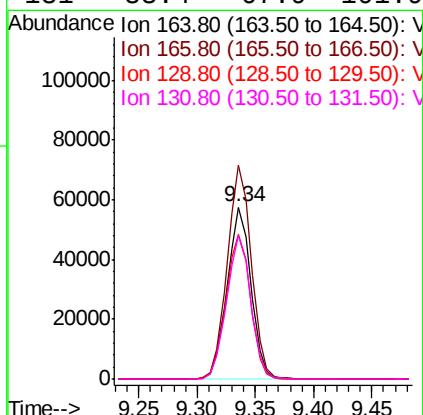
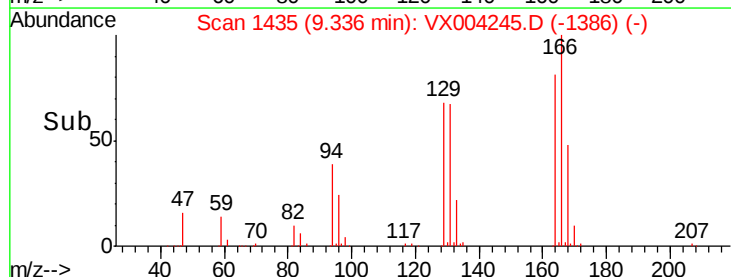
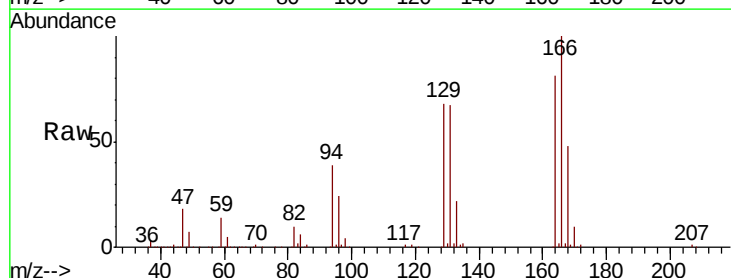
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

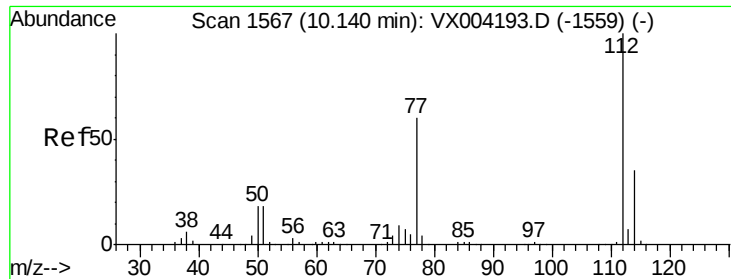
Tot Ion:117 Resp: 418131
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 36.7 29.3 43.9



#64
Tetrachloroethene
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion:164 Resp: 81585
Ion Ratio Lower Upper
164 100
166 124.2 102.8 154.2
129 84.4 69.4 104.0
131 83.4 67.9 101.9

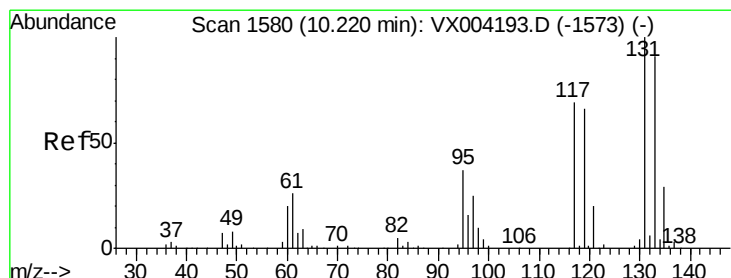
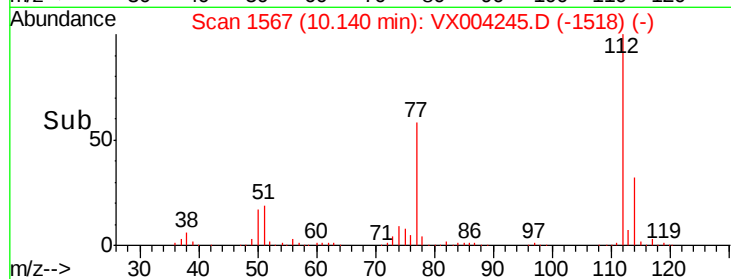
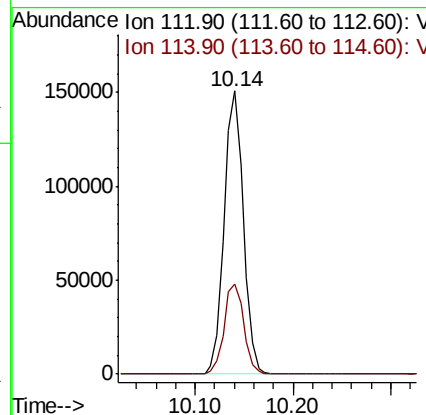
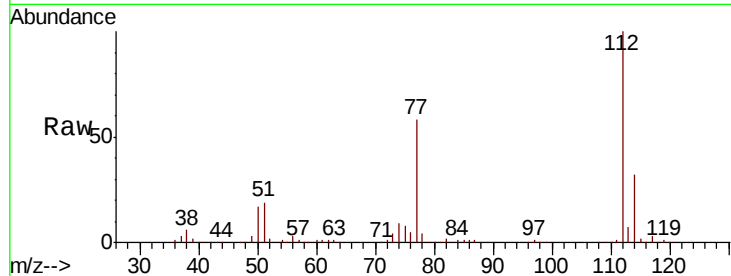




#65
Chlorobenzene
Concen: 19.57 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

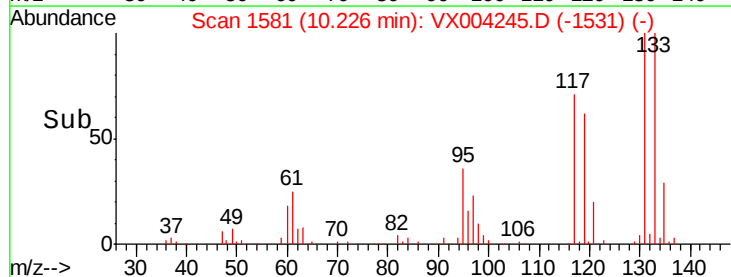
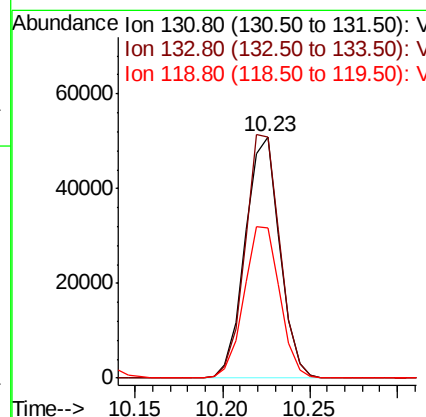
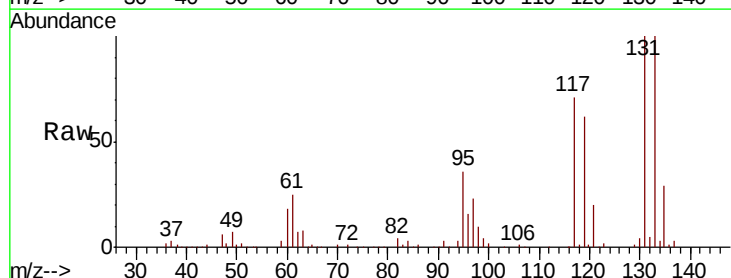
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

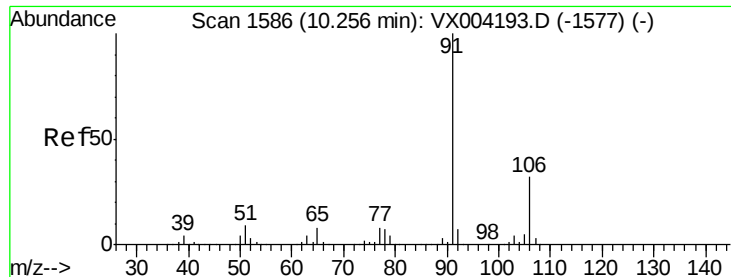
Tot Ion:112 Resp: 205414
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.32 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion:131 Resp: 69921
Ion Ratio Lower Upper
131 100
133 100.8 48.1 144.4
119 65.0 32.9 98.6

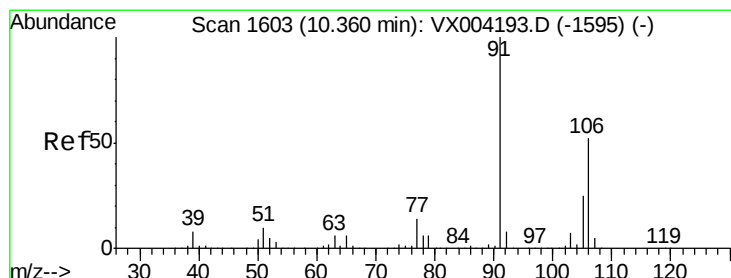
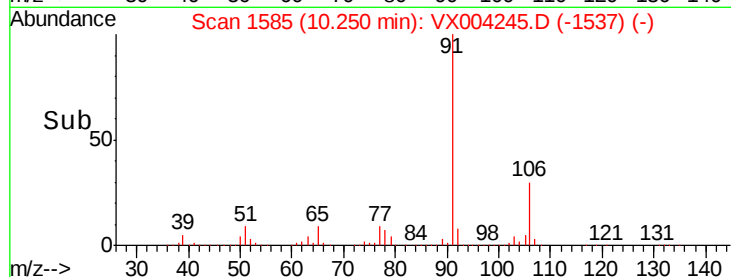
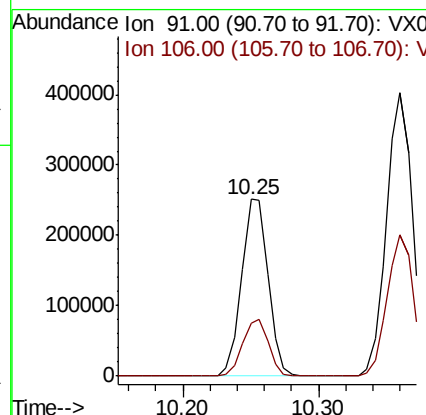
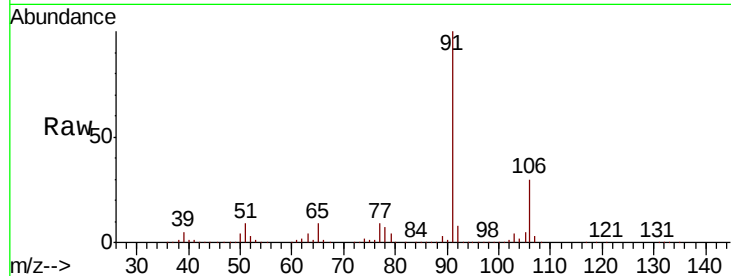




#67
Ethyl Benzene
Concen: 20.10 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

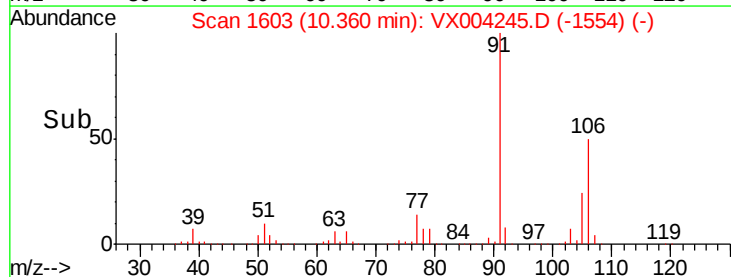
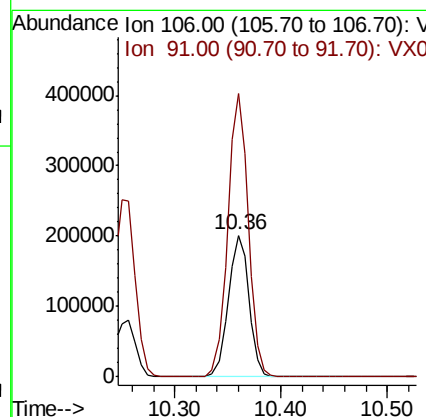
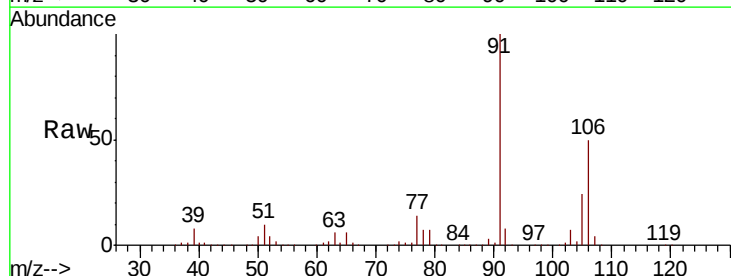
Instrument :
MSVOA_X
ClientSampled :
VX0824WBSD01

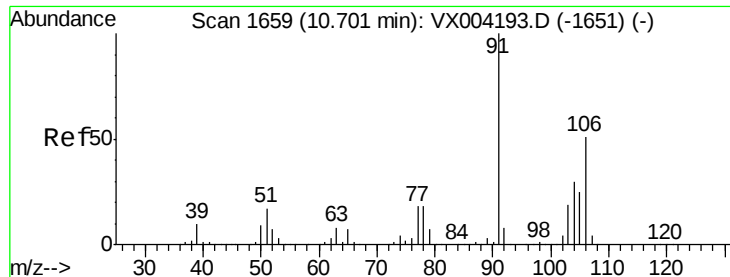
Tot Ion: 91 Resp: 342519
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9



#68
m/p-Xylenes
Concen: 40.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 106 Resp: 272721
Ion Ratio Lower Upper
106 100
91 198.2 157.1 235.7

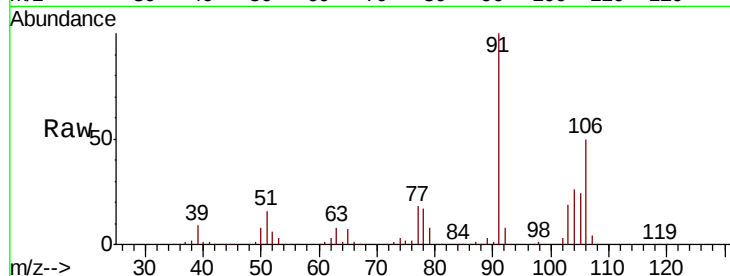




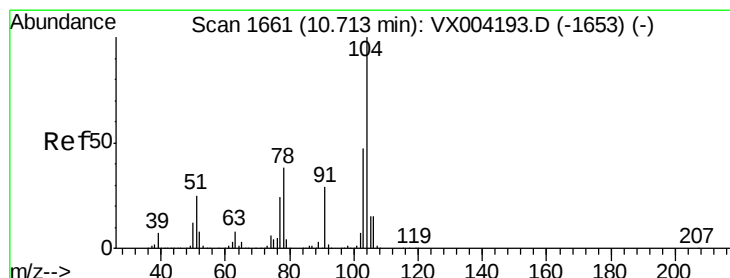
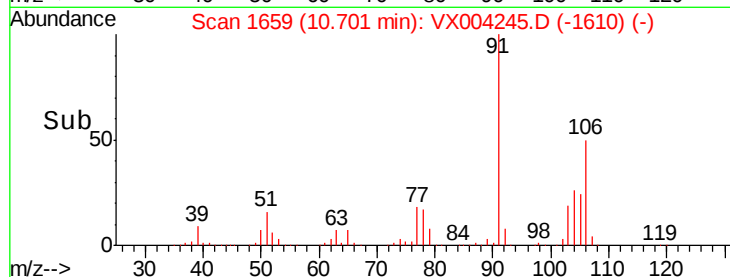
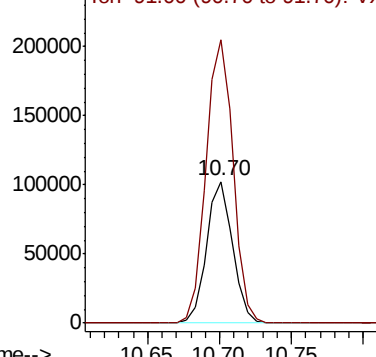
#69
o-Xylene
Concen: 20.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

Tot Ion:106 Resp: 129593
Ion Ratio Lower Upper
106 100
91 208.1 105.1 315.1

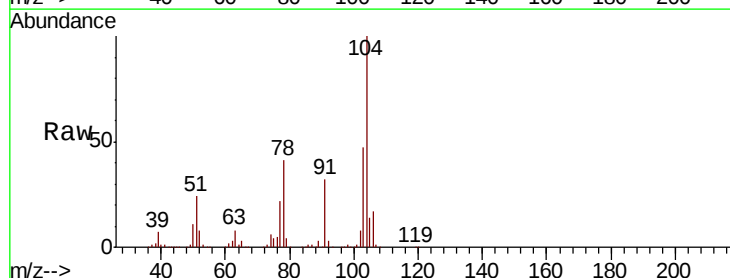


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

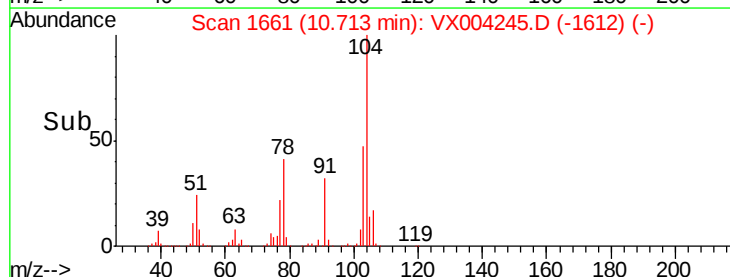
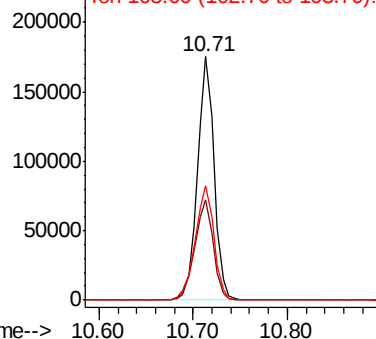


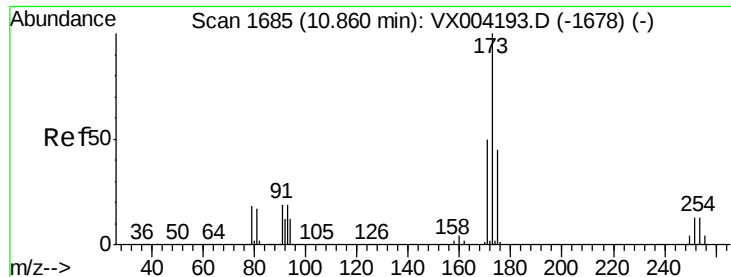
#70
Styrene
Concen: 21.02 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion:104 Resp: 214493
Ion Ratio Lower Upper
104 100
78 46.3 37.4 56.0
103 52.7 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

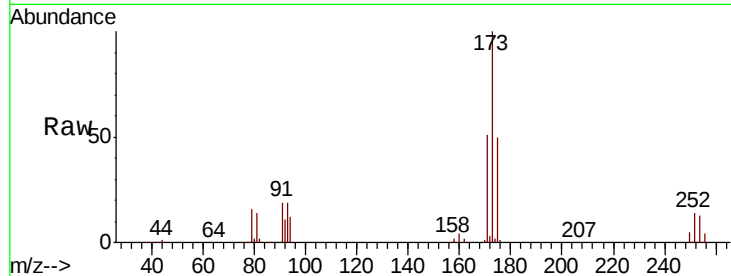
Tot Ion:173 Resp: 55053

Ion Ratio Lower Upper

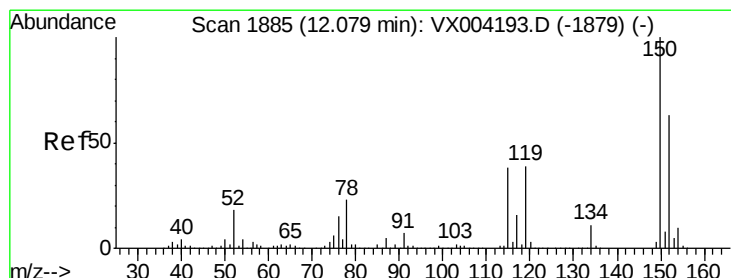
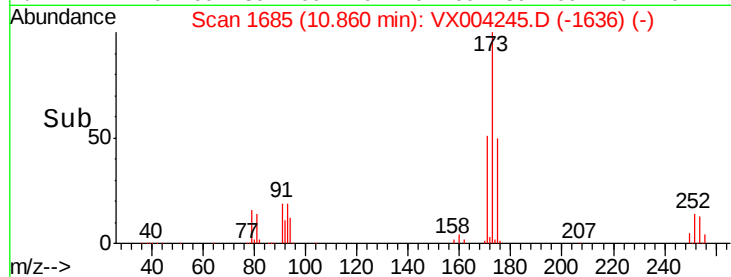
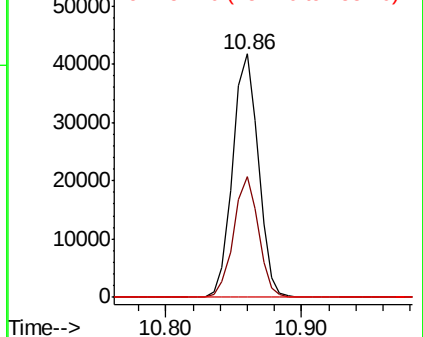
173 100

175 48.0 24.1 72.3

254 0.1 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

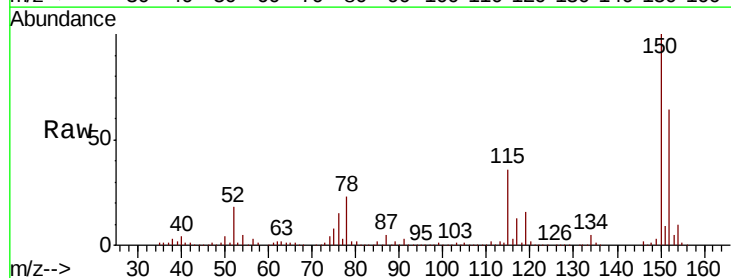
Tgt Ion:152 Resp: 267371

Ion Ratio Lower Upper

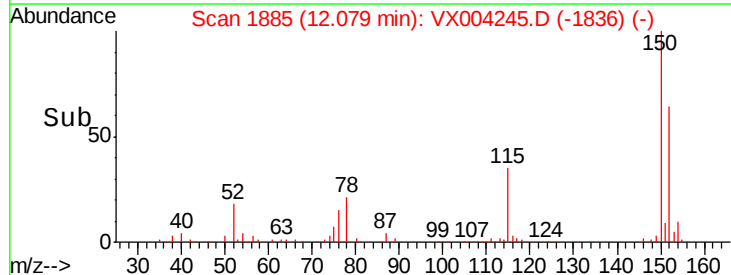
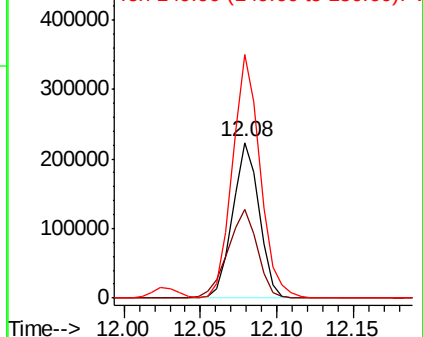
152 100

115 63.7 39.0 117.0

150 163.5 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: 20.92 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

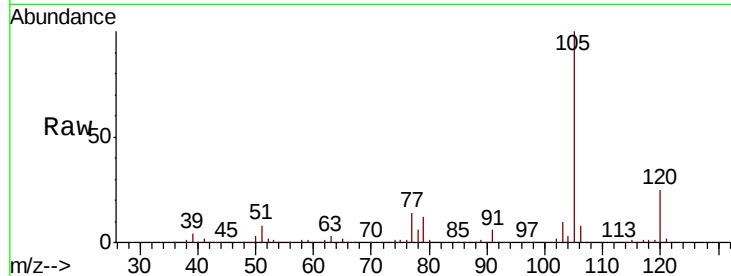
VX0824WBSD01

Tot Ion:105 Resp: 367314

Ion Ratio Lower Upper

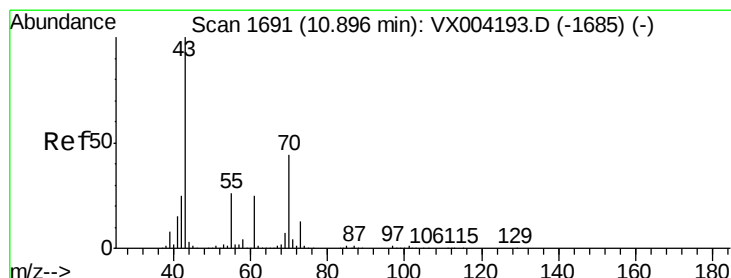
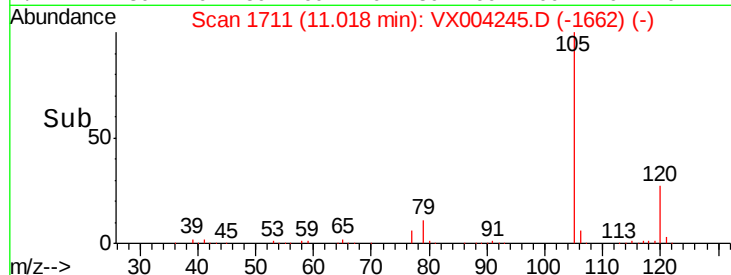
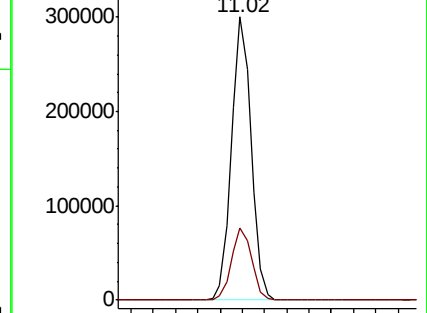
105 100

120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.44 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Tgt Ion: 43 Resp: 131407

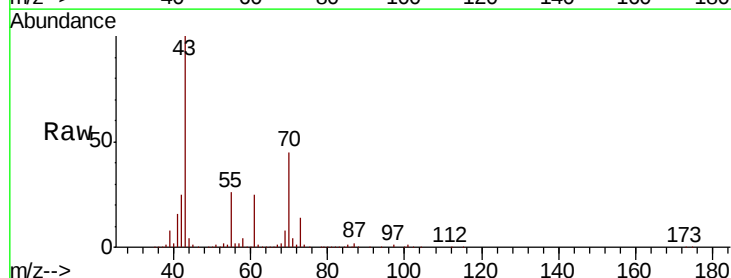
Ion Ratio Lower Upper

43 100

70 45.8 37.4 56.0

55 27.4 21.8 32.8

61 24.8 20.6 30.8

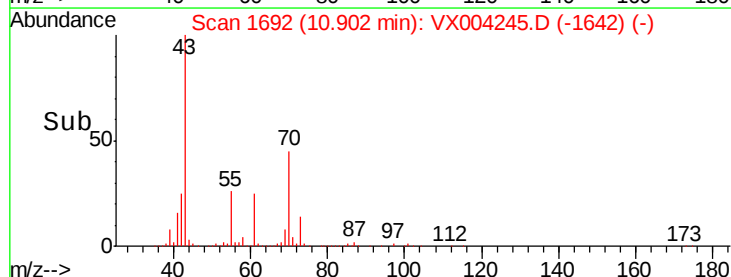
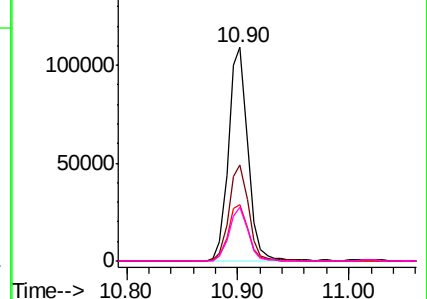


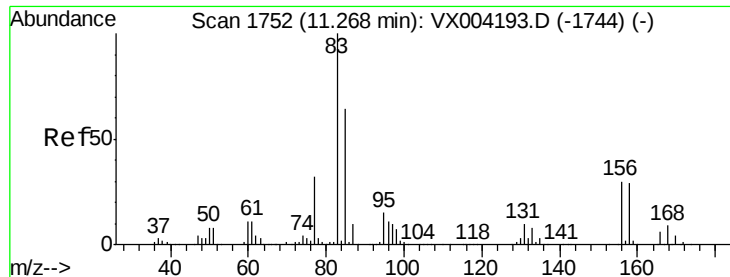
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.62 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

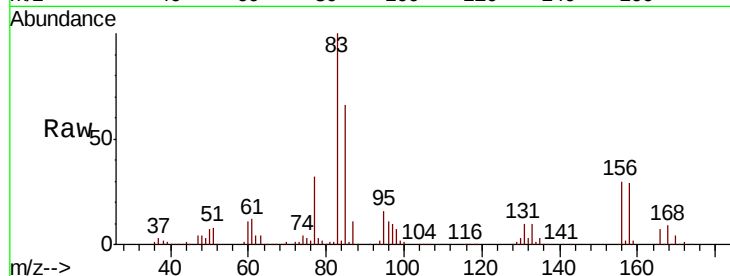
Tot Ion: 83 Resp: 120594

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

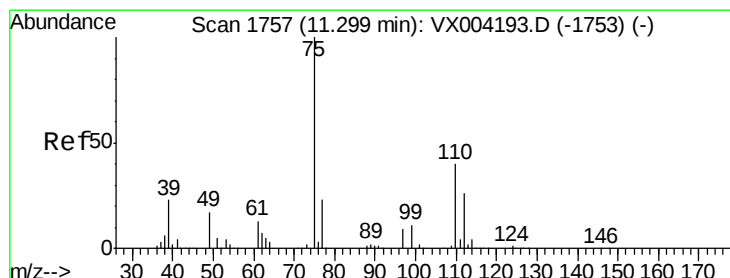
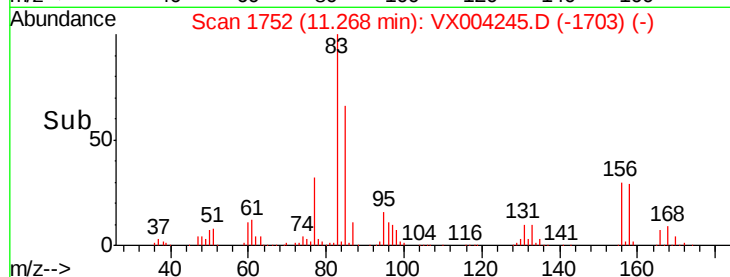
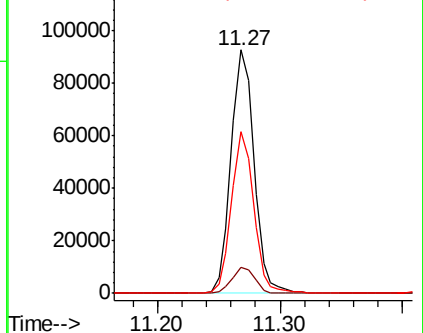
85 64.3 32.3 96.8



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: 24.48 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004245.D

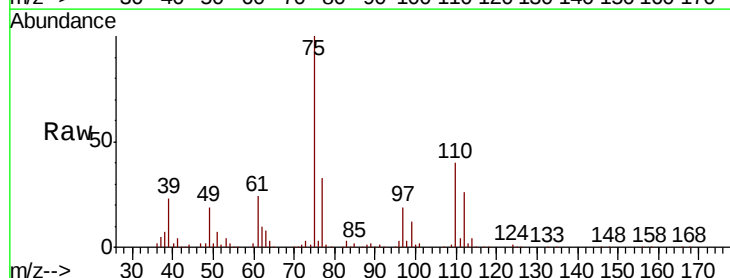
Acq: 24 Aug 2018 14:29

Tgt Ion: 75 Resp: 133091

Ion Ratio Lower Upper

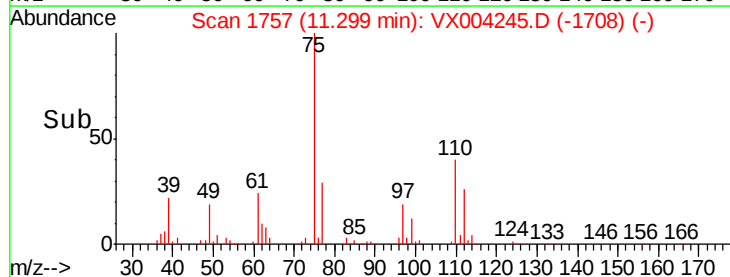
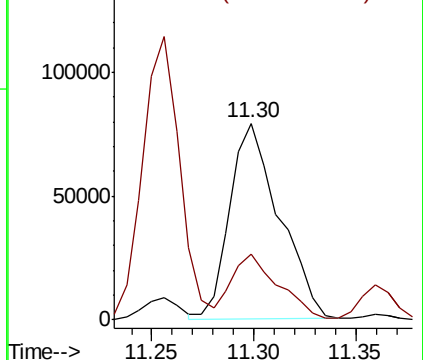
75 100

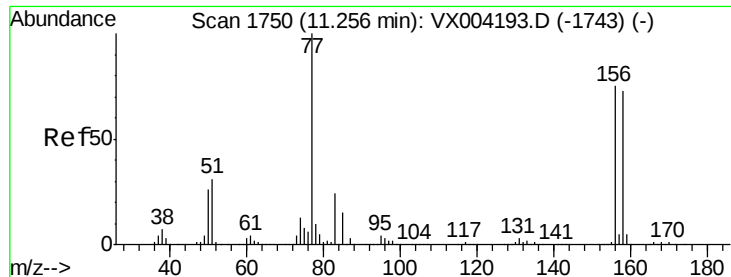
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.90 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

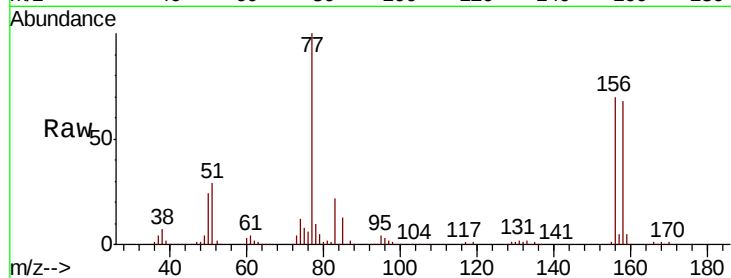
Tot Ion:156 Resp: 98009

Ion Ratio Lower Upper

156 100

77 147.7 71.5 214.3

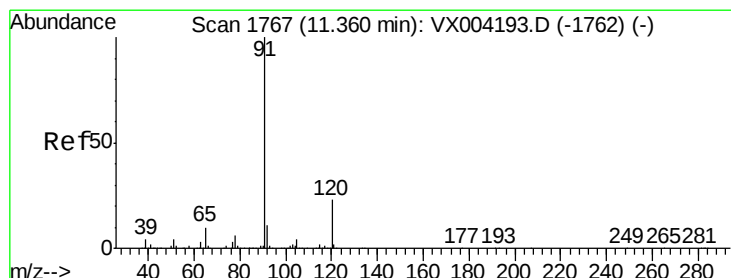
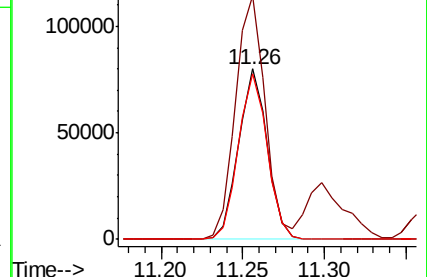
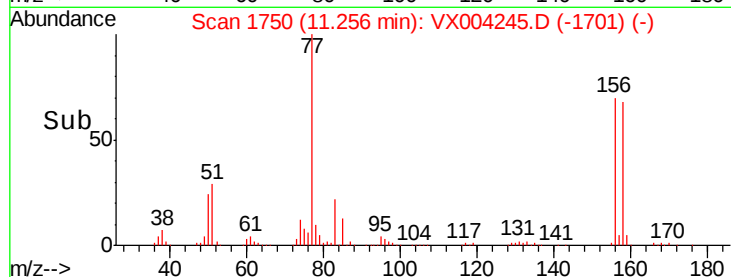
158 98.1 48.9 146.8



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: 20.85 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004245.D

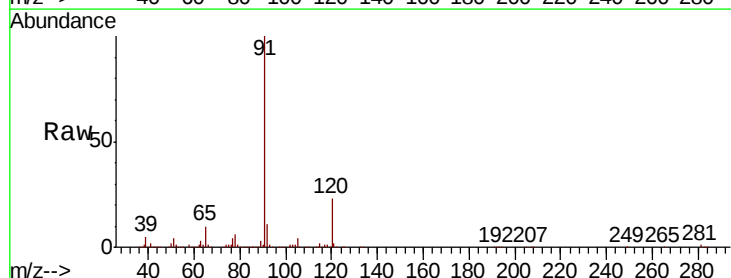
Acq: 24 Aug 2018 14:29

Tgt Ion: 91 Resp: 421084

Ion Ratio Lower Upper

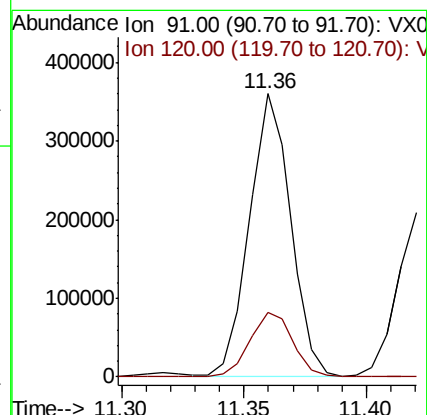
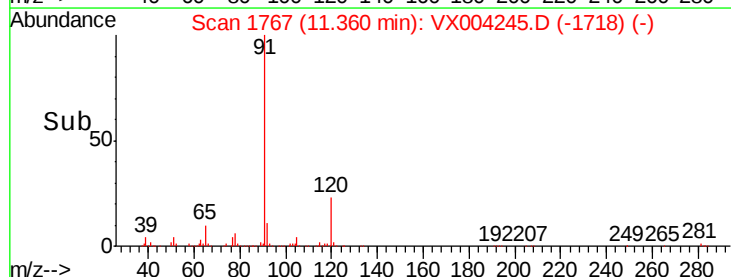
91 100

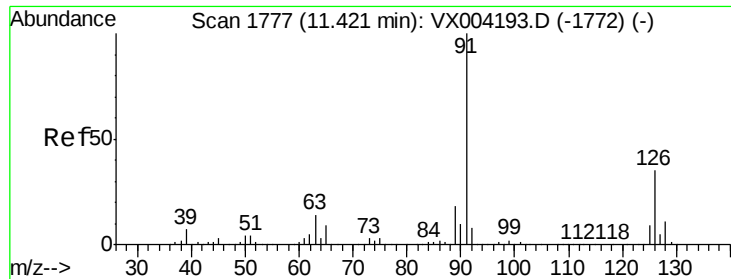
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

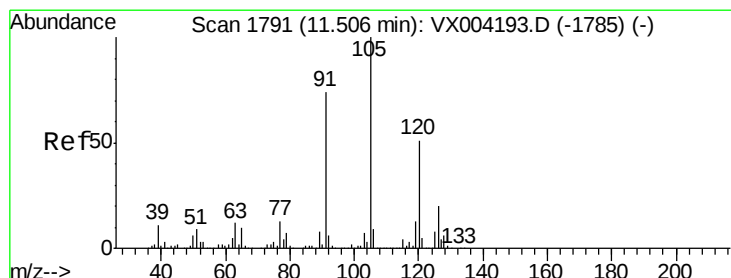
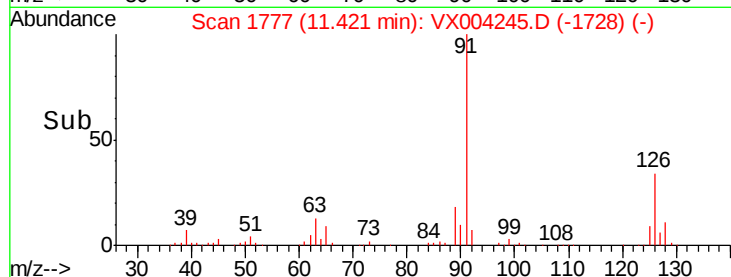
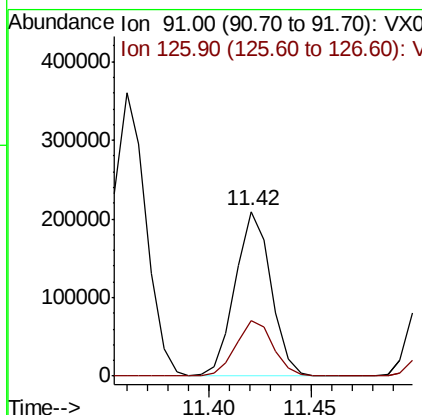
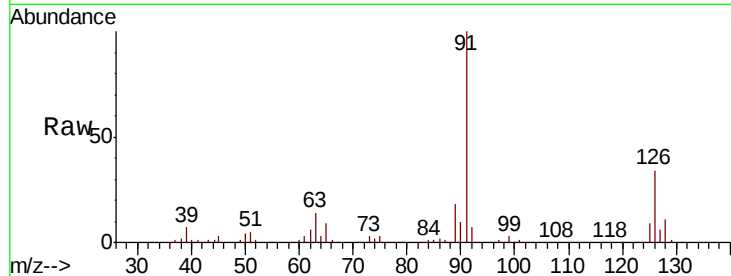




#79
 2-Chlorotoluene
 Concen: 20.35 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

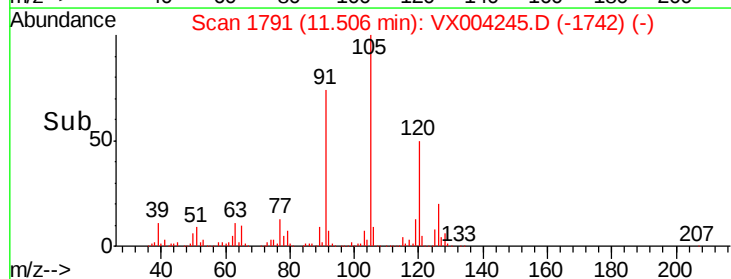
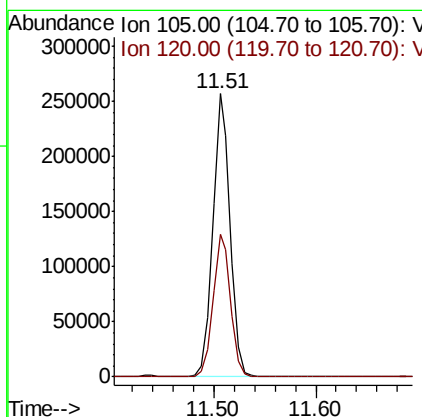
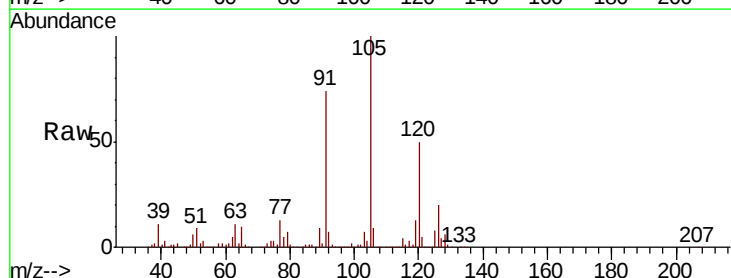
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Tot Ion: 91 Resp: 253001
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.97 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion: 105 Resp: 304917
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.72 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

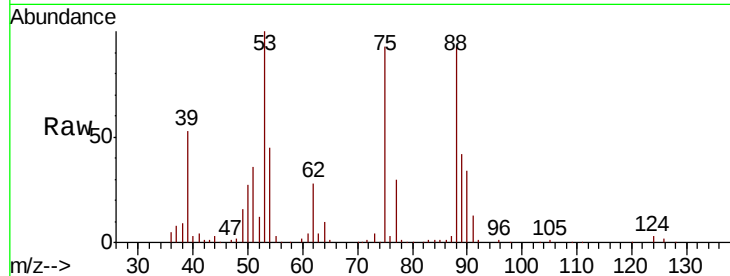
Tot Ion: 75 Resp: 31376

Ion Ratio Lower Upper

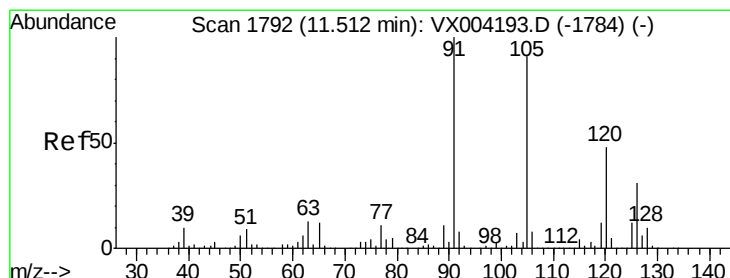
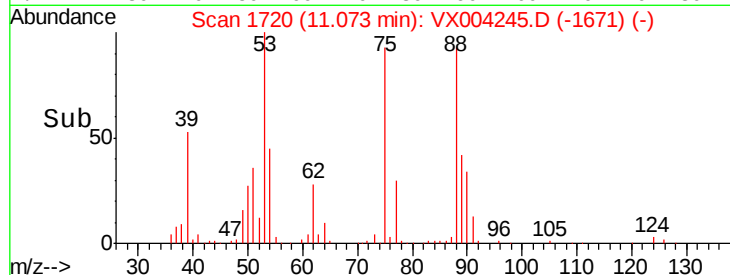
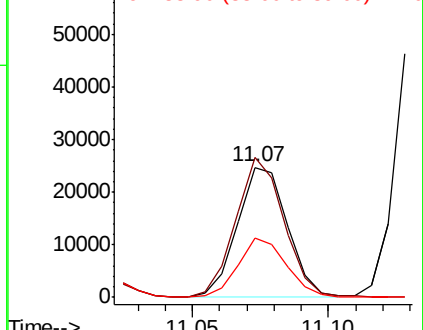
75 100

53 103.8 80.1 120.1

89 44.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004245.D

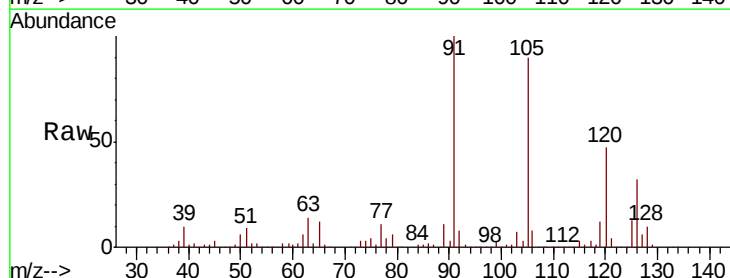
Acq: 24 Aug 2018 14:29

Tgt Ion: 91 Resp: 295198

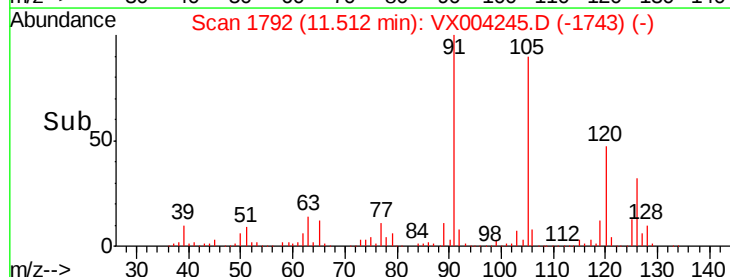
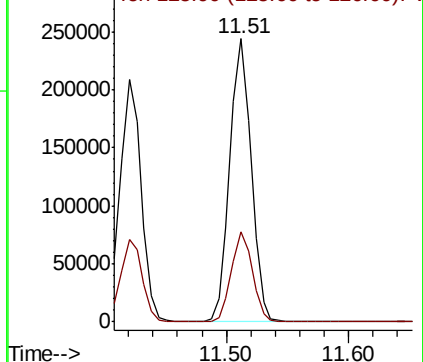
Ion Ratio Lower Upper

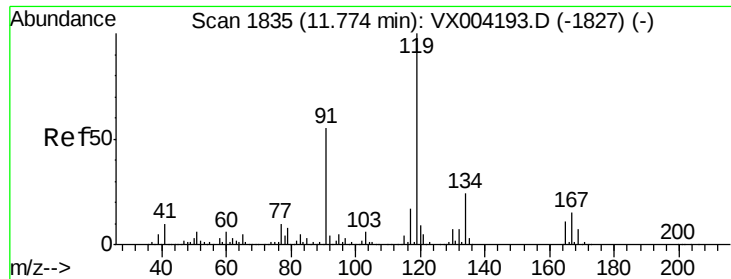
91 100

126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

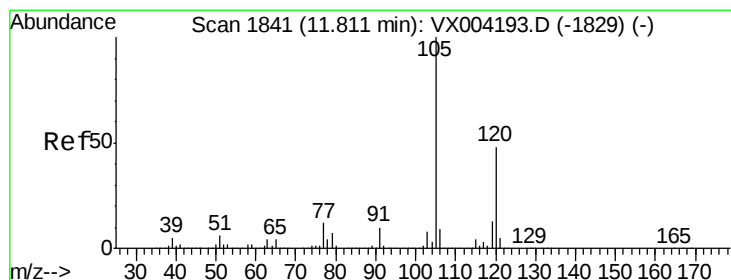
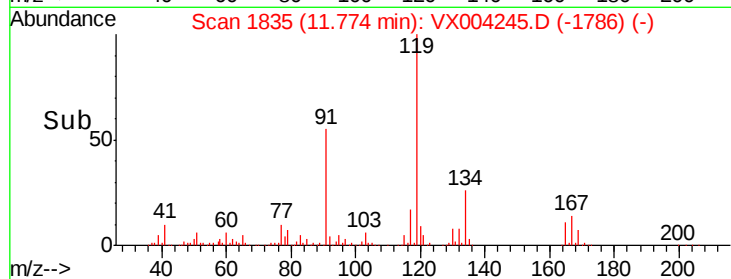
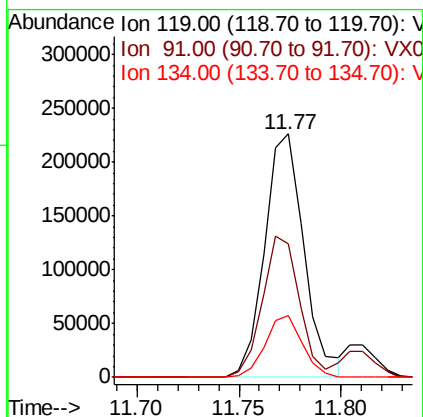
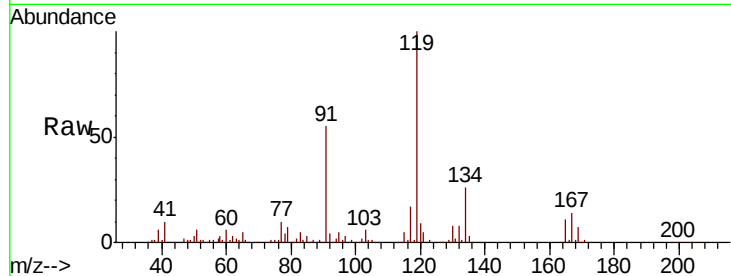




#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

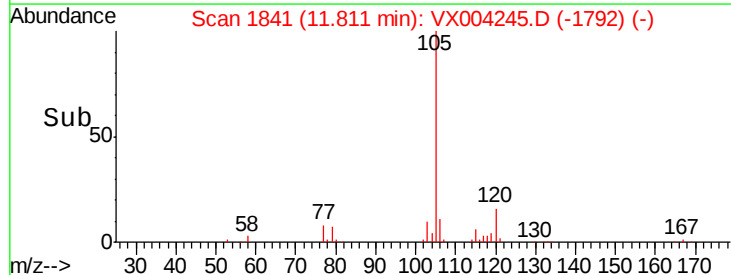
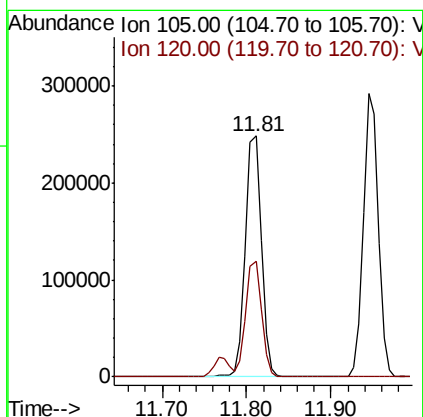
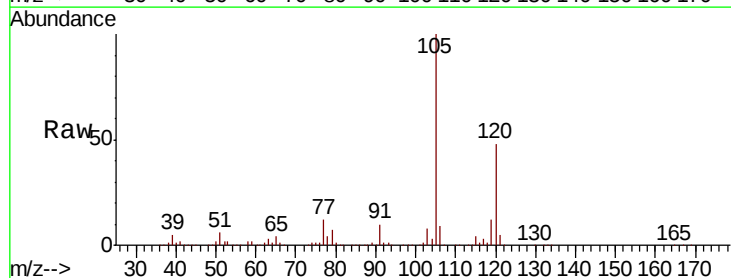
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0824WBSD01

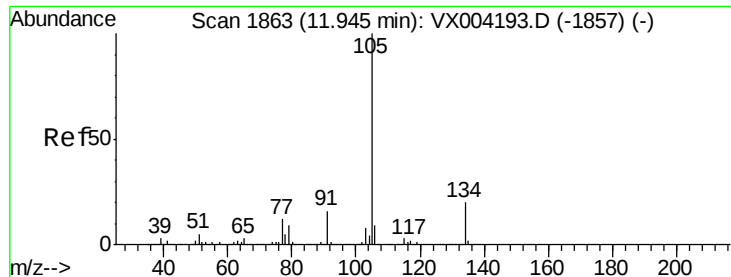
Tot Ion:119 Resp: 304192
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.0 81.0
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion:105 Resp: 315340
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.77 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

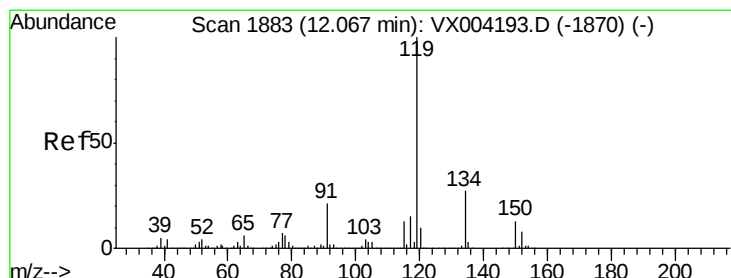
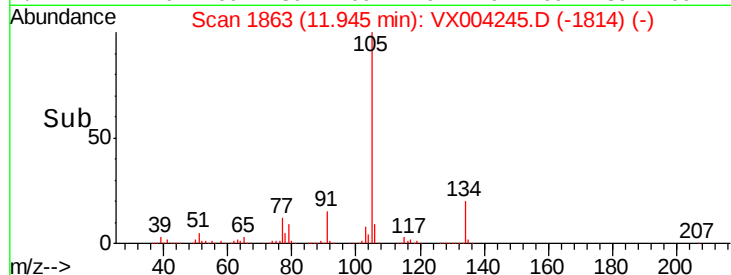
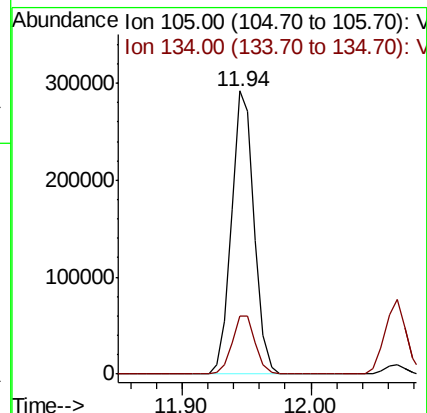
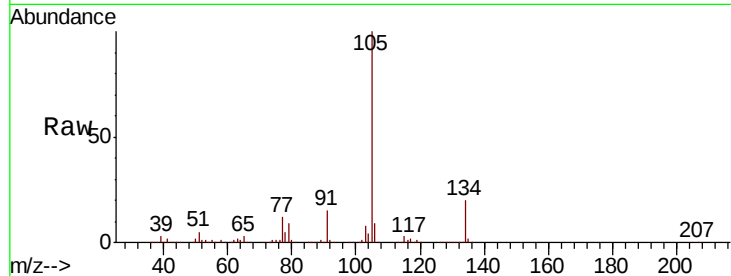
VX0824WBSD01

Tot Ion:105 Resp: 360816

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

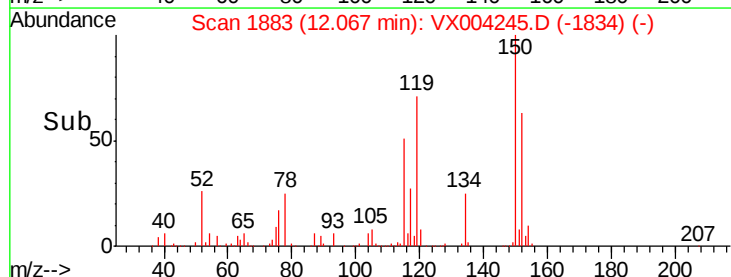
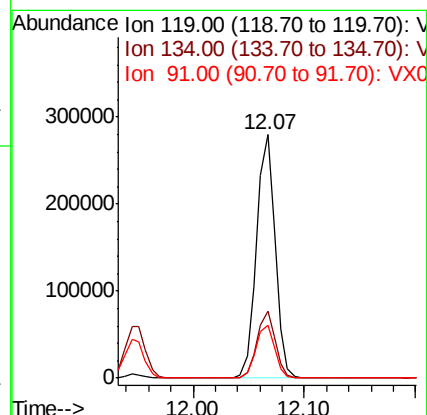
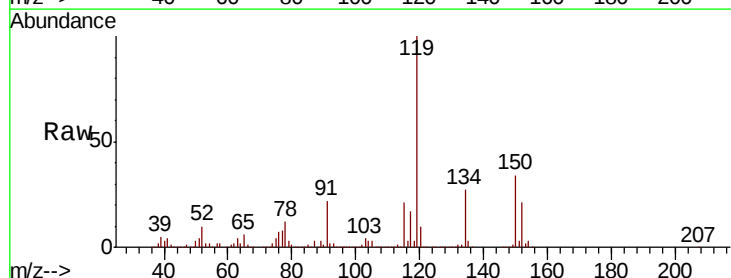
Tgt Ion:119 Resp: 325676

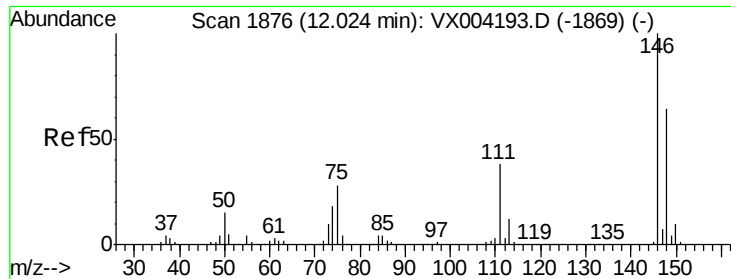
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 19.66 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

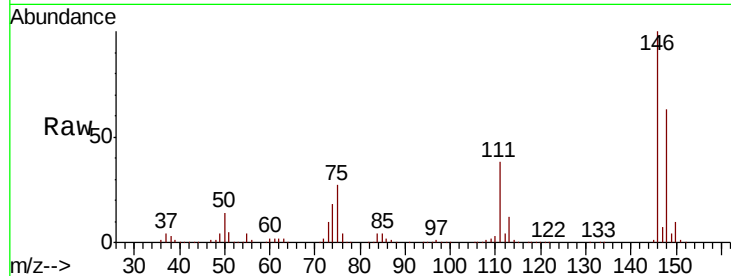
Tot Ion:146 Resp: 182376

Ion Ratio Lower Upper

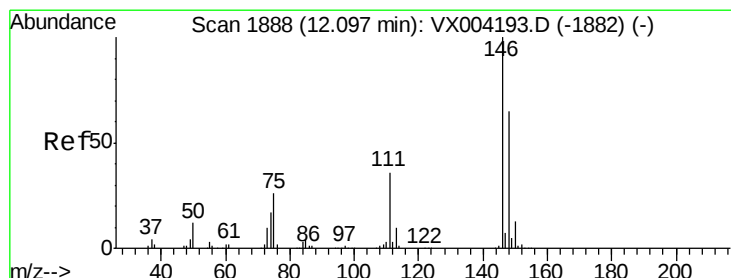
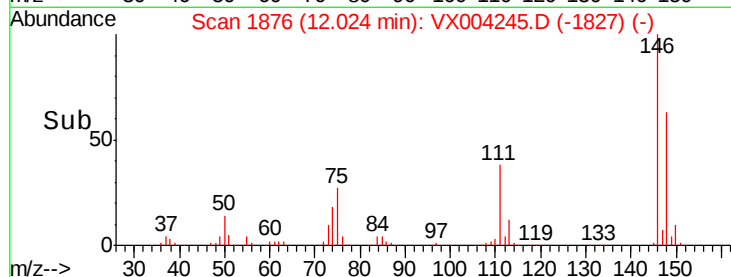
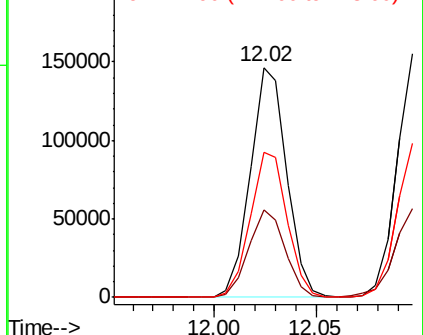
146 100

111 38.0 18.7 56.1

148 63.8 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 19.01 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

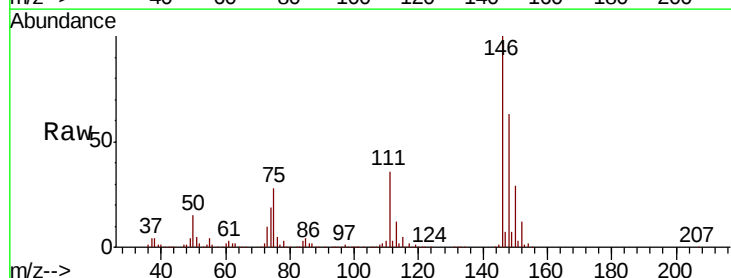
Tgt Ion:146 Resp: 185878

Ion Ratio Lower Upper

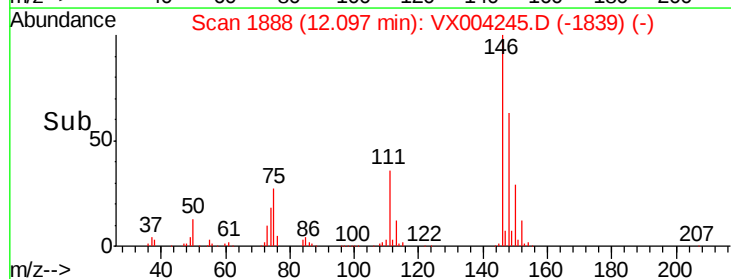
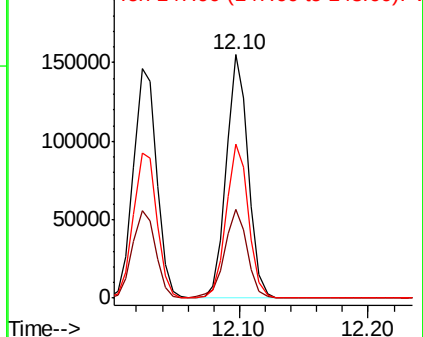
146 100

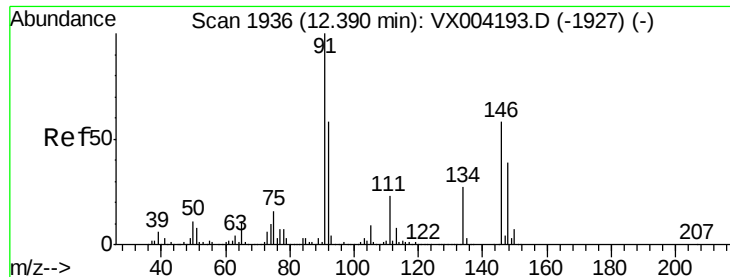
111 37.6 18.1 54.1

148 64.4 32.0 96.0



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

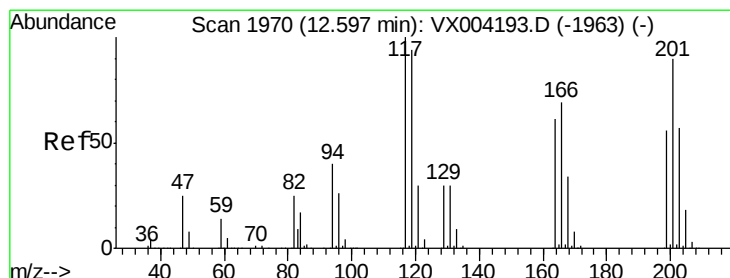
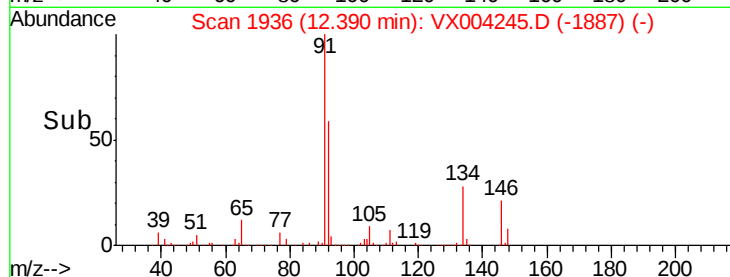
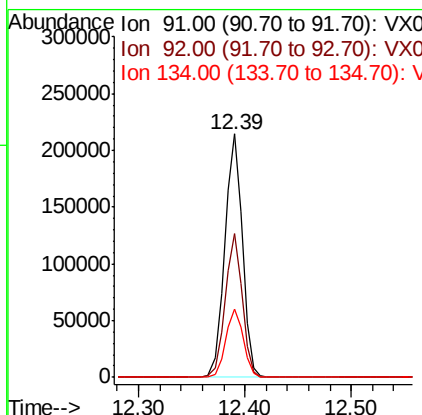
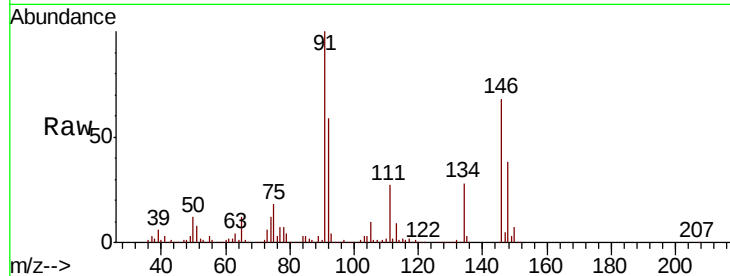




#89
n-Butylbenzene
Concen: 19.66 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

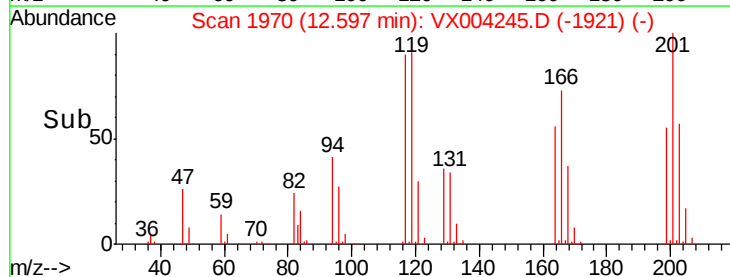
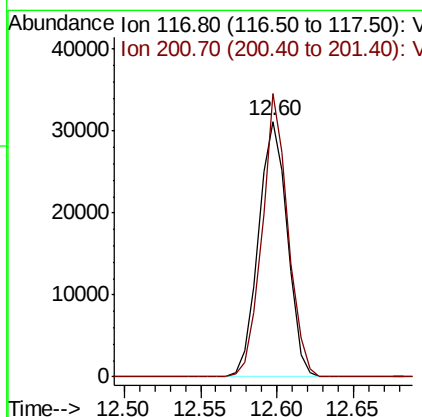
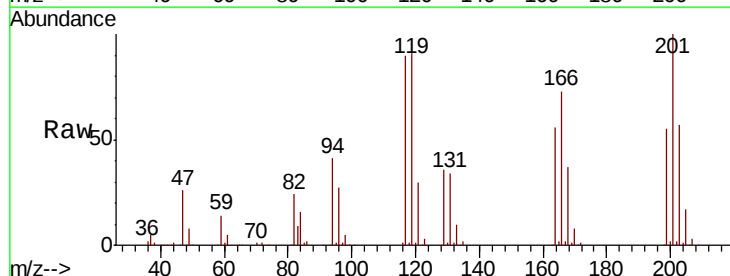
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBSD01

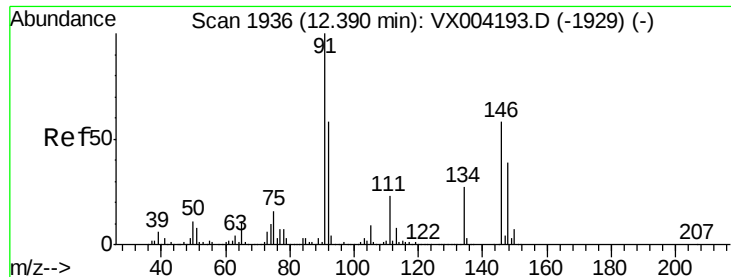
Tot Ion: 91 Resp: 248846
Ion Ratio Lower Upper
91 100
92 56.8 27.3 81.9
134 28.1 13.6 40.7



#90
Hexachloroethane
Concen: 18.92 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004245.D
Acq: 24 Aug 2018 14:29

Tgt Ion: 117 Resp: 41170
Ion Ratio Lower Upper
117 100
201 99.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 21.67 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

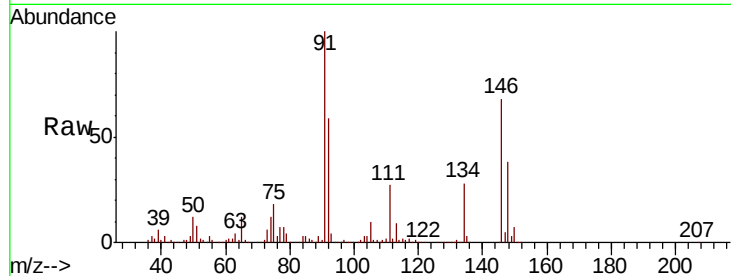
Tot Ion:146 Resp: 183648

Ion Ratio Lower Upper

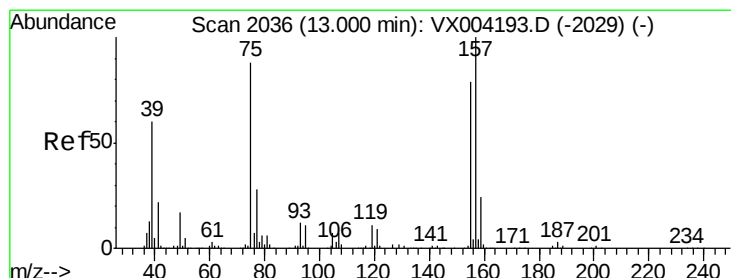
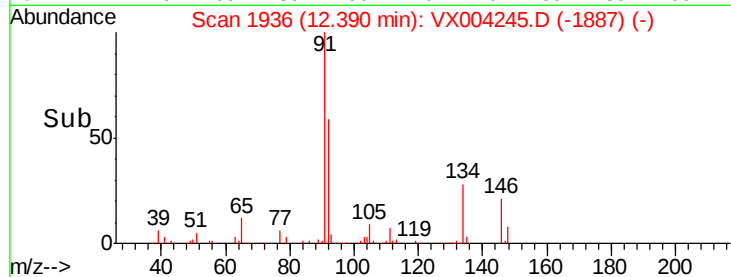
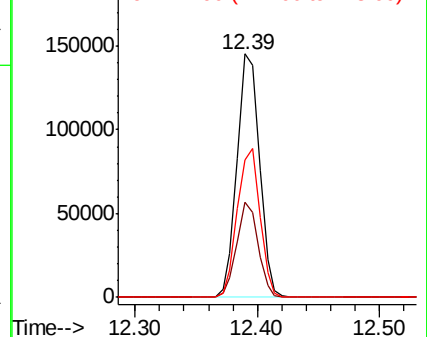
146 100

111 37.5 19.4 58.1

148 61.6 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: 18.81 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

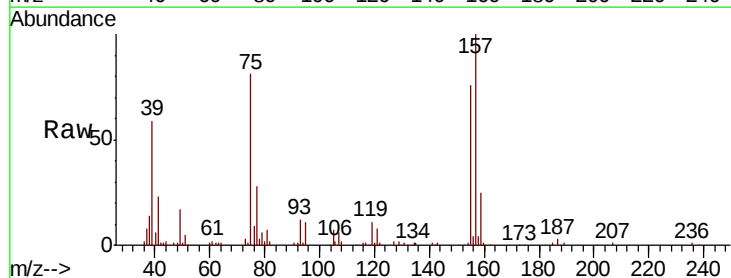
Tgt Ion: 75 Resp: 20356

Ion Ratio Lower Upper

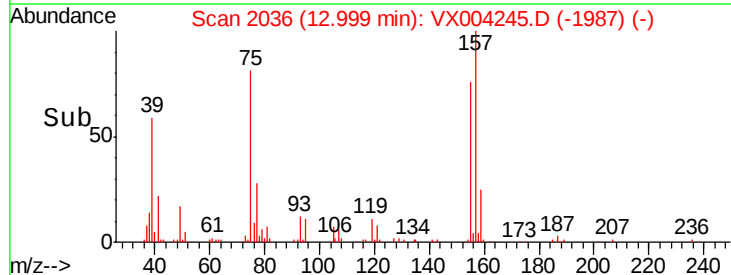
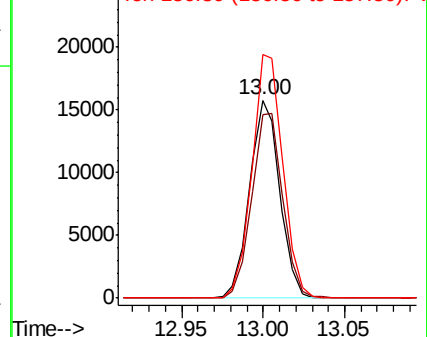
75 100

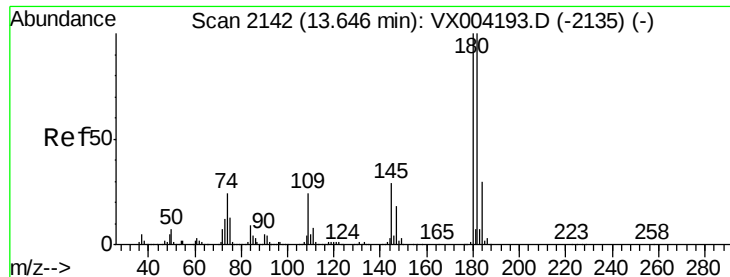
155 96.1 48.0 144.2

157 125.7 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

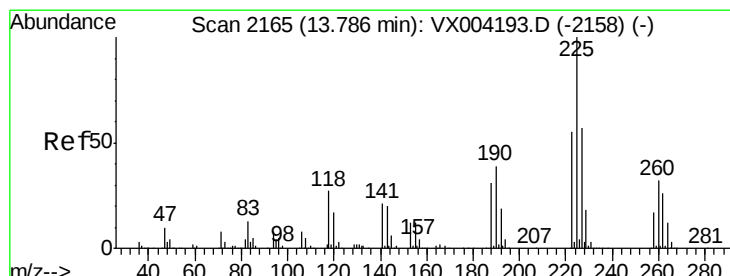
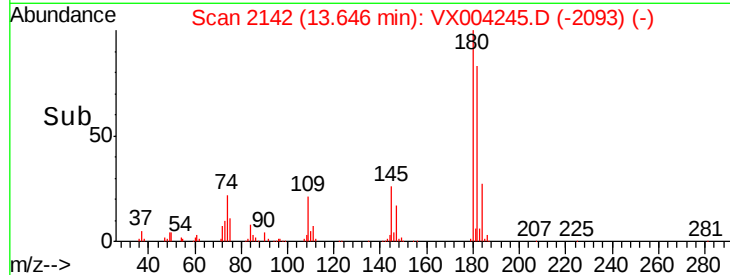
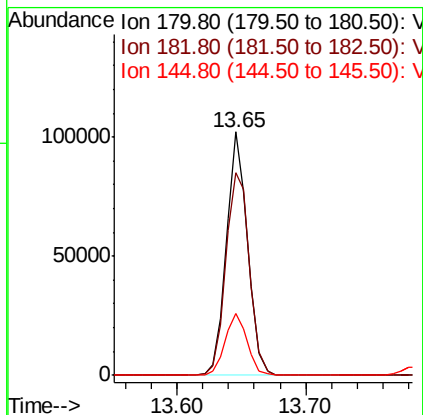
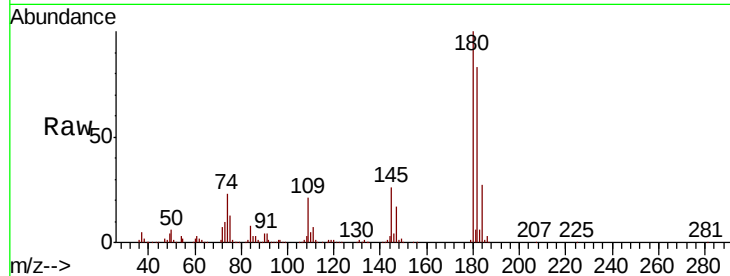




#93
 1,2,4-Trichlorobenzene
 Concen: 19.15 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

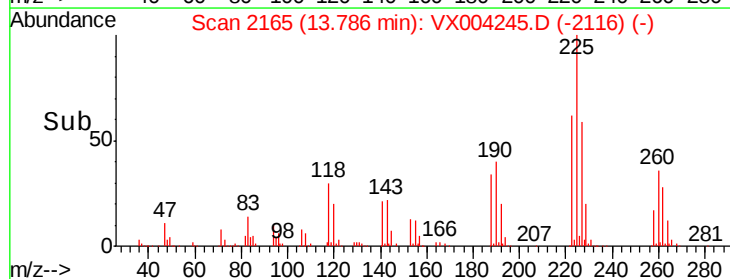
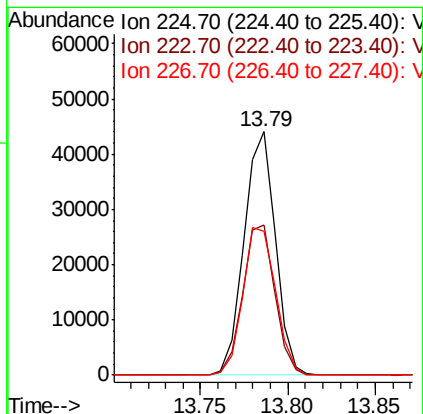
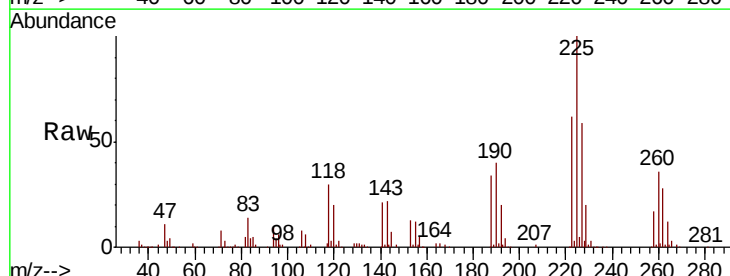
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

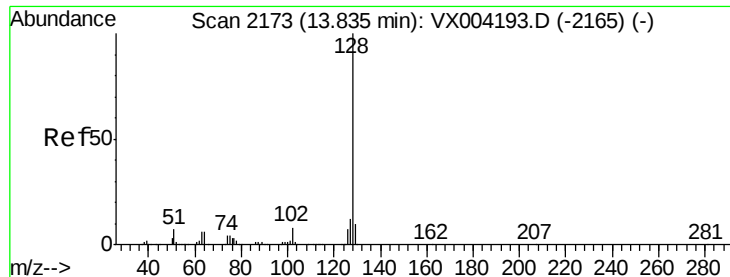
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.4	145.0
145	26.5	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 18.99 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004245.D
 Acq: 24 Aug 2018 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.1	90.5
227	63.5	30.8	92.4





#95

Naphthalene

Concen: 20.54 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBSD01

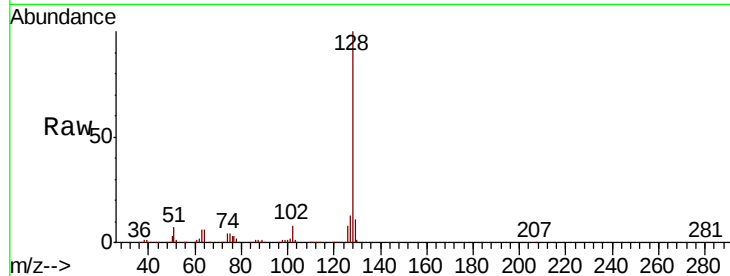
Tot Ion:128 Resp: 358373

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

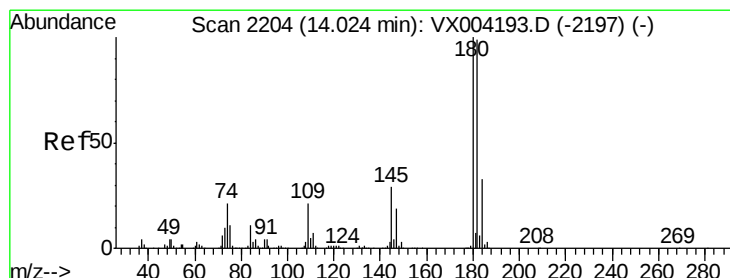
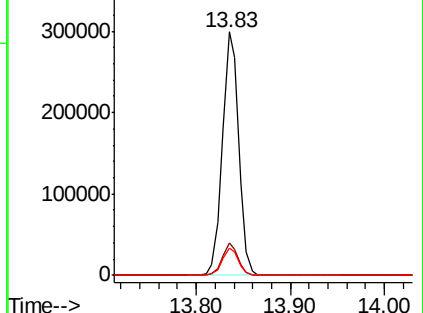
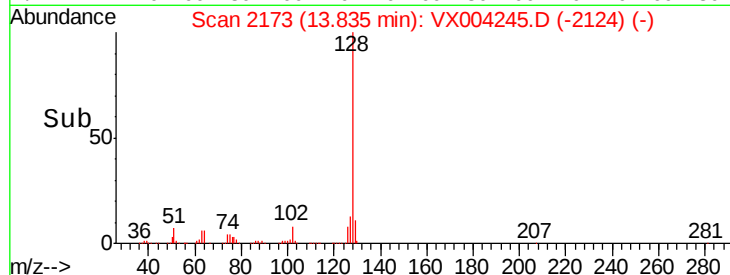
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.44 ug/l

RT: 14.02 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VX004245.D

Acq: 24 Aug 2018 14:29

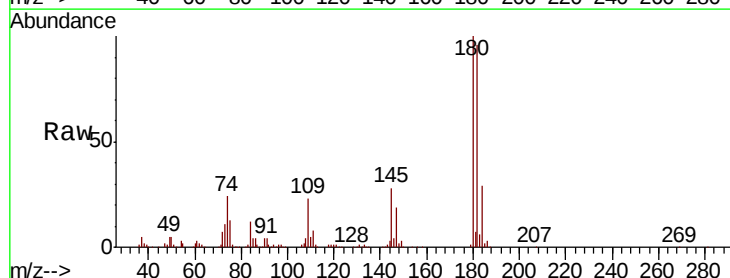
Tgt Ion:180 Resp: 126924

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.6

145 29.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

