

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007610.D
 Acq On : 19 Feb 2019 13:50
 Operator : JC/SP
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Quant Time: Feb 20 04:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	405411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	563968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	280804	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	214966	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.50	113	195311	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	704724	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.13	95	248345	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	83268	16.832	ug/l	97
3) Chloromethane	1.33	50	78646	17.223	ug/l	99
4) Vinyl Chloride	1.41	62	84622	18.890	ug/l	99
5) Bromomethane	1.64	94	77407	17.153	ug/l	100
6) Chloroethane	1.72	64	55254	19.067	ug/l	98
7) Trichlorofluoromethane	1.93	101	131298	18.736	ug/l	100
8) Diethyl Ether	2.19	74	51046	19.353	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73255	17.573	ug/l	98
10) Methyl Iodide	2.51	142	96217	15.691	ug/l	98
11) Tert butyl alcohol	3.07	59	95845	107.627	ug/l	99
12) 1,1-Dichloroethene	2.38	96	68637	17.732	ug/l	99
13) Acrolein	2.29	56	46267	110.794	ug/l	97
14) Allyl chloride	2.73	41	116054	18.401	ug/l	99
15) Acrylonitrile	3.15	53	219490	99.633	ug/l	99
16) Acetone	2.45	43	192672	97.746	ug/l	96
17) Carbon Disulfide	2.57	76	151414	16.445	ug/l	98
18) Methyl Acetate	2.78	43	129354	25.481	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	238382	19.009	ug/l	100
20) Methylene Chloride	2.86	84	80596	19.780	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70981	17.214	ug/l	96
22) Diisopropyl ether	3.87	45	235854	20.330	ug/l	95
23) Vinyl Acetate	3.82	43	952125	98.900	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131453	19.730	ug/l	98
25) 2-Butanone	4.70	43	305253	108.818	ug/l	99
26) 2,2-Dichloropropane	4.58	77	89879	17.714	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	86899	19.295	ug/l	98
28) Bromochloromethane	5.02	49	63220	20.634	ug/l	98
29) Tetrahydrofuran	5.15	42	195092	110.580	ug/l	99
30) Chloroform	5.21	83	144219	20.744	ug/l	99
31) Cyclohexane	5.58	56	101200	16.912	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	119996	20.448	ug/l	99
36) 1,1-Dichloropropene	5.80	75	96527	17.642	ug/l	99
37) Ethyl Acetate	4.86	43	111142	20.095	ug/l	99
38) Carbon Tetrachloride	5.78	117	103912	19.576	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007610.D
 Acq On : 19 Feb 2019 13:50
 Operator : JC/SP
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Quant Time: Feb 20 04:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109057	16.474	ug/l	98
40) Benzene	6.14	78	305863	18.977	ug/l	98
41) Methacrylonitrile	5.06	41	60588	20.439	ug/l	97
42) 1,2-Dichloroethane	6.20	62	107086	19.203	ug/l	96
43) Isopropyl Acetate	6.46	43	174523	20.443	ug/l	99
44) Trichloroethene	7.21	130	88019	18.133	ug/l	98
45) 1,2-Dichloropropane	7.51	63	80106	19.837	ug/l	95
46) Dibromomethane	7.66	93	56287	19.178	ug/l	98
47) Bromodichloromethane	7.90	83	101336	20.373	ug/l	98
48) Methyl methacrylate	7.77	41	88668	20.764	ug/l	99
49) 1,4-Dioxane	7.75	88	43618	452.938	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	600158	106.790	ug/l	99
52) Toluene	8.79	92	198603	19.099	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101581	19.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	115606	19.675	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	87090	20.092	ug/l	98
56) Ethyl methacrylate	9.18	69	118332	19.711	ug/l	99
57) 1,3-Dichloropropane	9.37	76	137673	19.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	312501	98.758	ug/l	99
59) 2-Hexanone	9.49	43	453602	103.721	ug/l	100
60) Dibromochloromethane	9.58	129	83476	20.362	ug/l	96
61) 1,2-Dibromoethane	9.67	107	91691	19.975	ug/l	98
64) Tetrachloroethene	9.34	164	87184	16.402	ug/l	96
65) Chlorobenzene	10.14	112	229700	18.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	82731	20.051	ug/l	98
67) Ethyl Benzene	10.25	91	372525	18.797	ug/l	100
68) m/p-Xylenes	10.36	106	288518	36.622	ug/l	99
69) o-Xylene	10.69	106	141524	18.669	ug/l	100
70) Styrene	10.71	104	232952	18.948	ug/l	100
71) Bromoform	10.85	173	62115	19.810	ug/l #	98
73) Isopropylbenzene	11.02	105	378321	19.826	ug/l	99
74) N-amyl acetate	10.90	43	152819	20.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127663	21.952	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138435	25.345	ug/l	80
77) Bromobenzene	11.26	156	104395	19.417	ug/l	99
78) n-propylbenzene	11.36	91	418943	20.021	ug/l	99
79) 2-Chlorotoluene	11.42	91	252773	19.909	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	308218	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31434	20.513	ug/l	95
82) 4-Chlorotoluene	11.51	91	285067	19.404	ug/l	98
83) tert-Butylbenzene	11.77	119	308189	19.939	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	319143	20.136	ug/l	99
85) sec-Butylbenzene	11.94	105	368635	19.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	328692	19.464	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180664	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182720	18.665	ug/l	98
89) n-Butylbenzene	12.38	91	271931	18.719	ug/l	99
90) Hexachloroethane	12.60	117	52564	20.798	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184969	19.262	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25258	20.888	ug/l	97

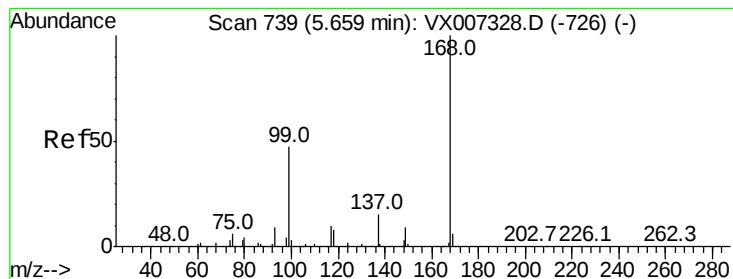
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
Data File : VX007610.D
Acq On : 19 Feb 2019 13:50
Operator : JC/SP
Sample : VX0219WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

Quant Time: Feb 20 04:03:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117668	18.170	ug/l	98
94) Hexachlorobutadiene	13.78	225	57211	18.194	ug/l	99
95) Naphthalene	13.83	128	369425	19.508	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121237	18.599	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

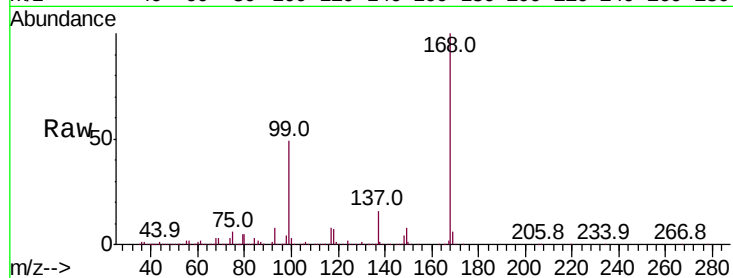
VX0219WBSD01

Tot Ion:168 Resp: 405411

Ion Ratio Lower Upper

168 100

99 48.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

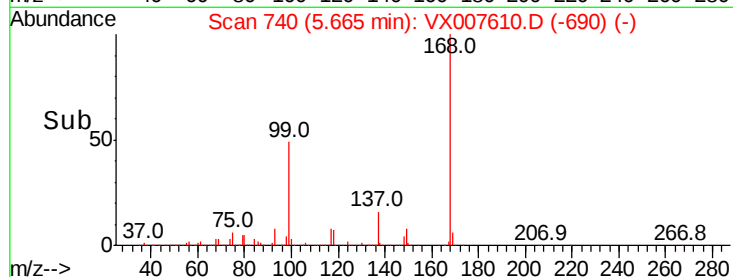
150000

100000

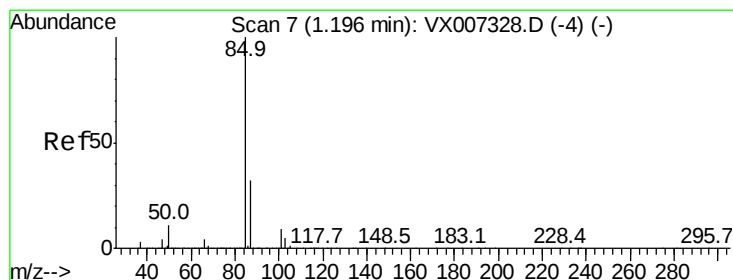
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 16.832 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007610.D

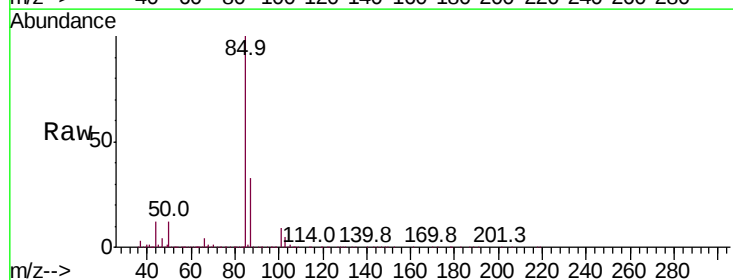
Acq: 19 Feb 2019 13:50

Tgt Ion: 85 Resp: 83268

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

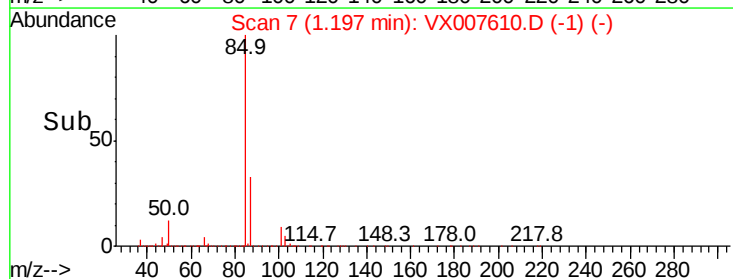
60000

40000

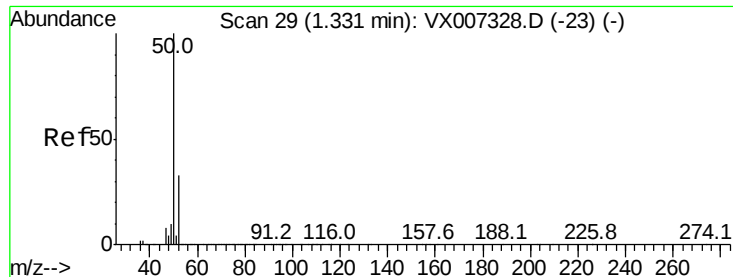
20000

0

1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 17.223 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

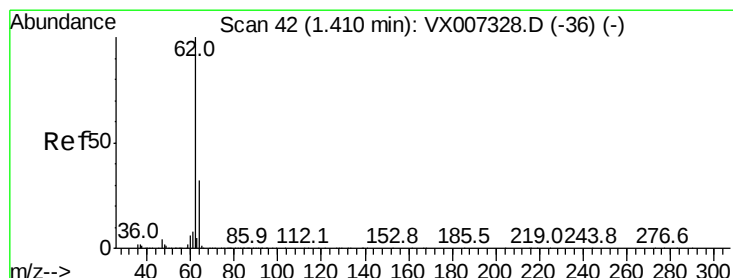
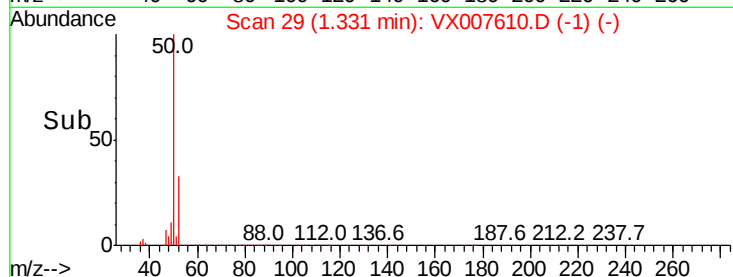
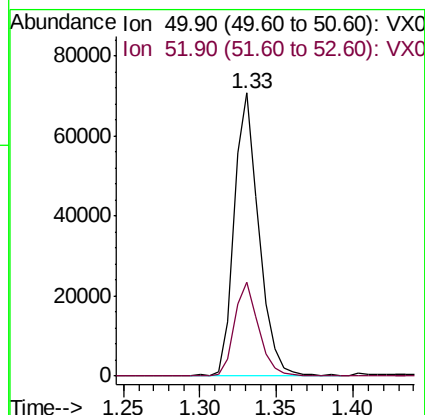
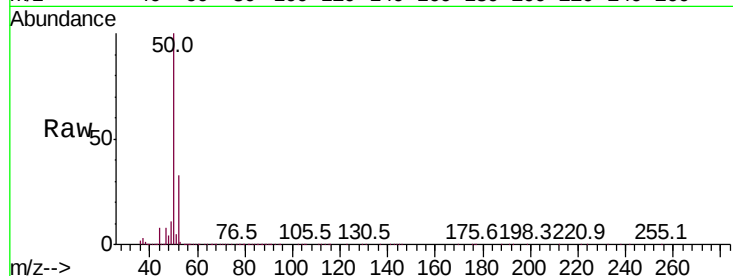
VX0219WBSD01

Tot Ion: 50 Resp: 78646

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 18.890 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007610.D

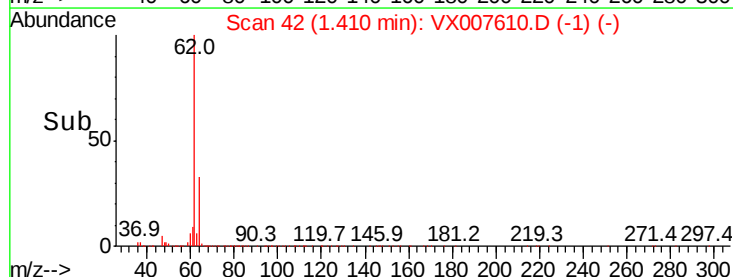
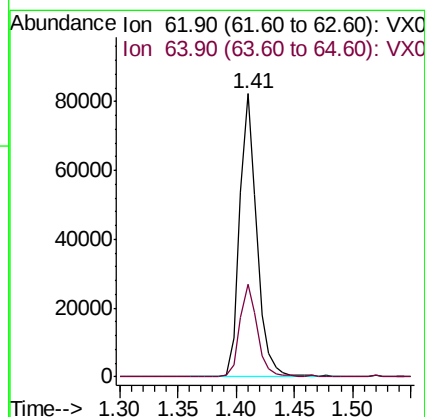
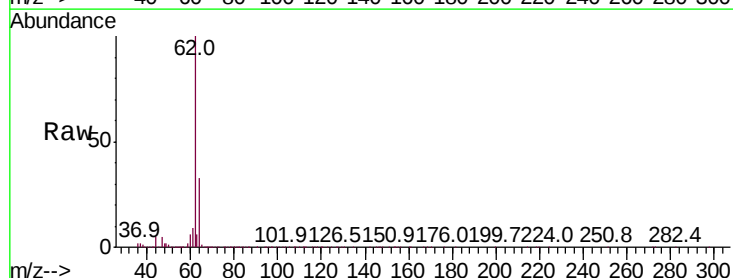
Acq: 19 Feb 2019 13:50

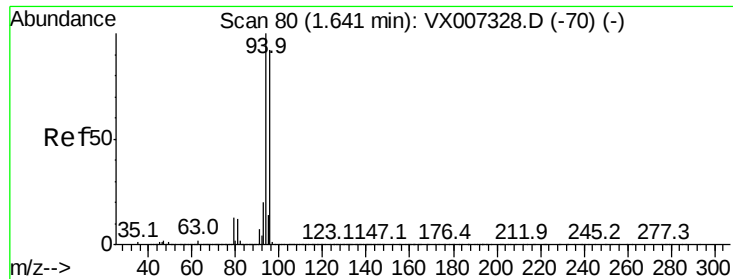
Tgt Ion: 62 Resp: 84622

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 17.153 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

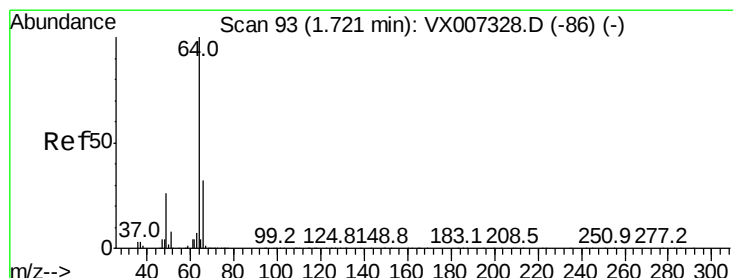
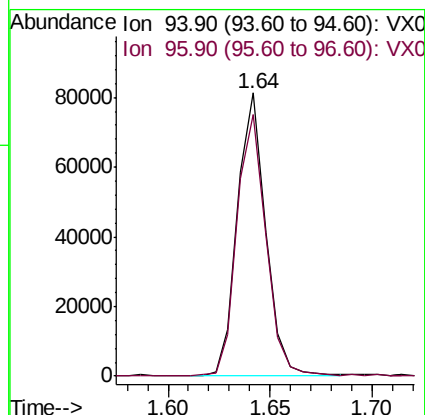
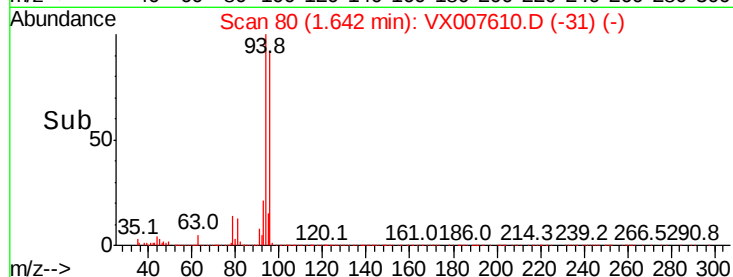
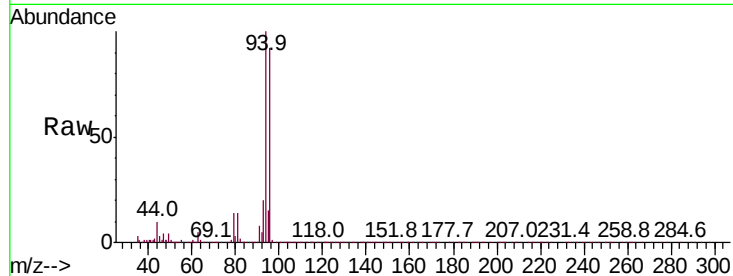
VX0219WBSD01

Tot Ion: 94 Resp: 77407

Ion Ratio Lower Upper

94 100

96 92.3 73.9 110.9



#6

Chloroethane

Concen: 19.067 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007610.D

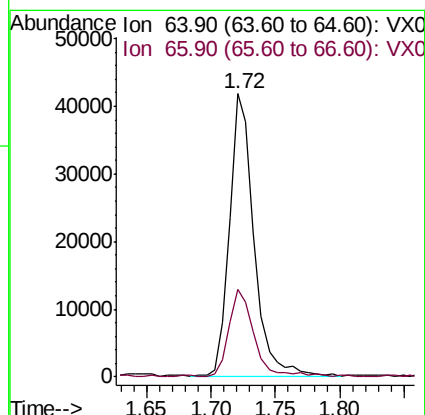
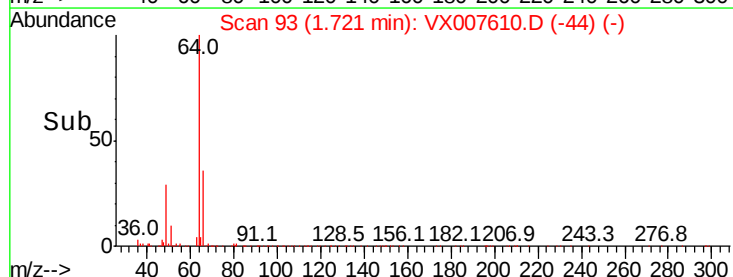
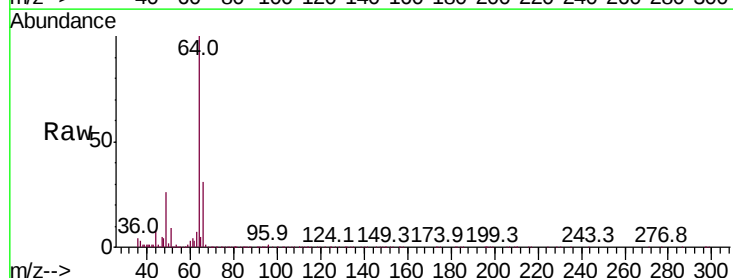
Acq: 19 Feb 2019 13:50

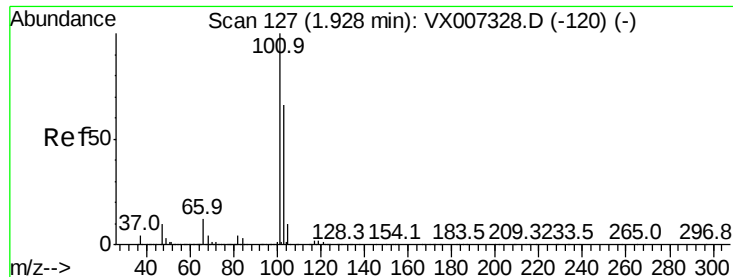
Tgt Ion: 64 Resp: 55254

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



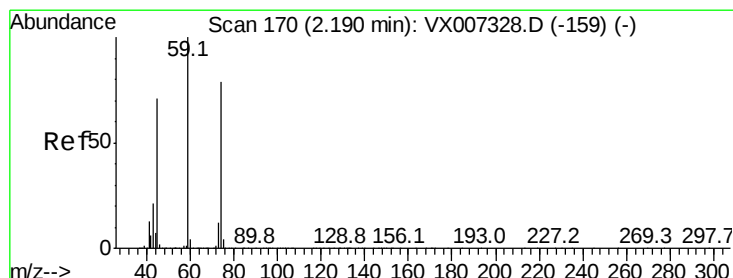
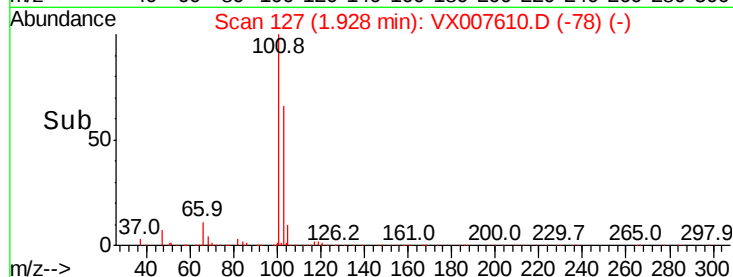
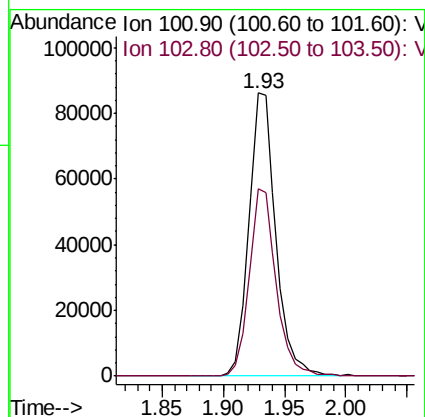
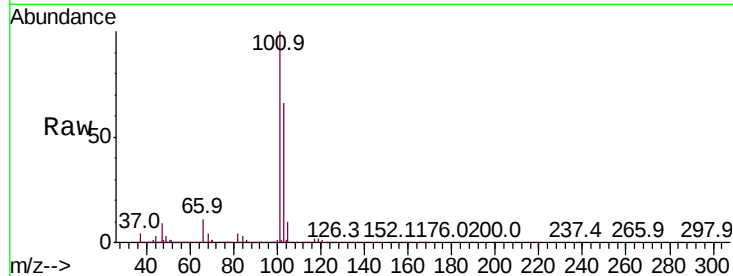


#7

Trichlorofluoromethane
Concen: 18.736 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

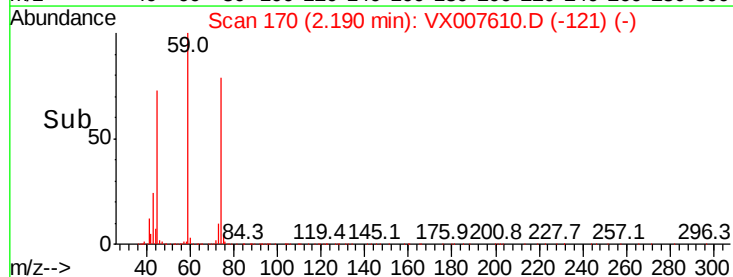
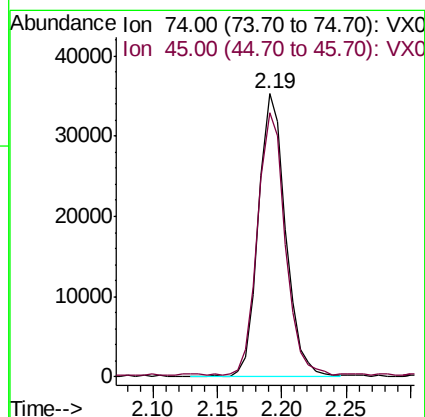
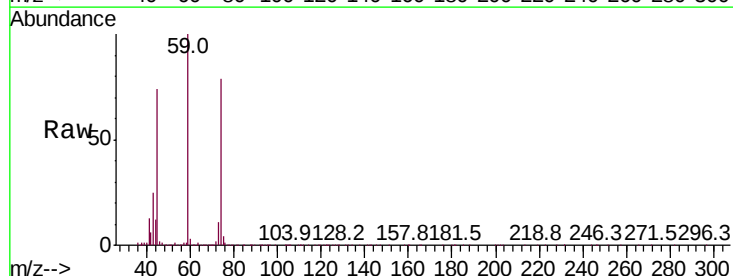
Tot Ion:101 Resp: 131298
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0

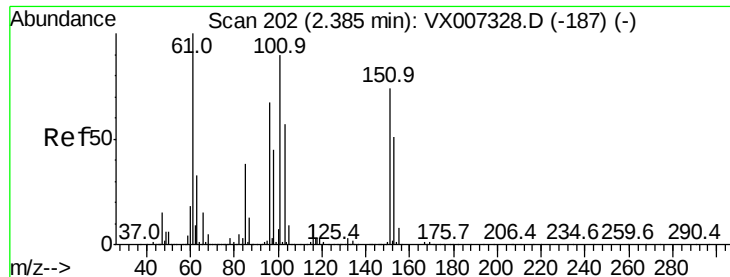


#8

Diethyl Ether
Concen: 19.353 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 74 Resp: 51046
Ion Ratio Lower Upper
74 100
45 94.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.573 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

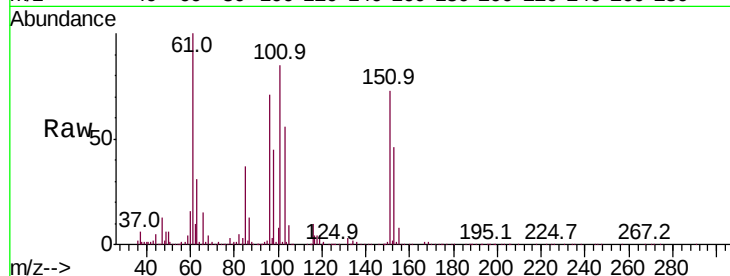
Tot Ion:101 Resp: 73255

Ion Ratio Lower Upper

101 100

85 44.1 34.1 51.1

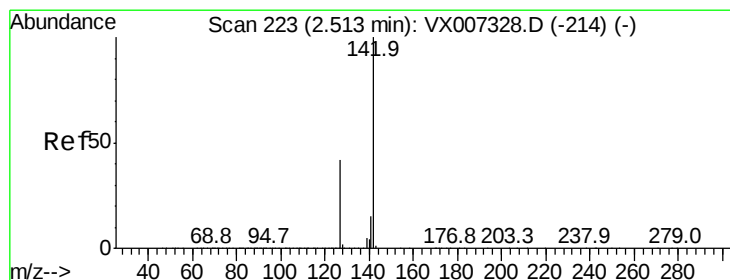
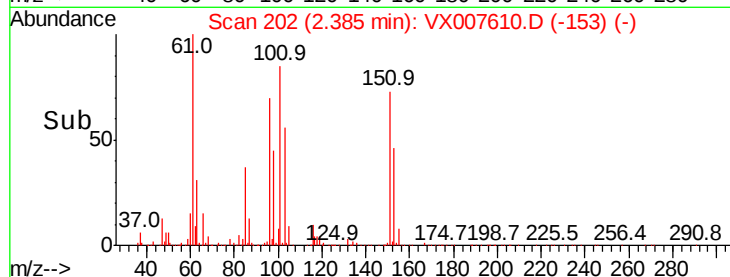
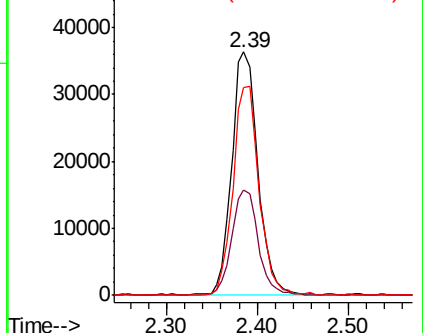
151 85.2 69.9 104.9



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: 15.691 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

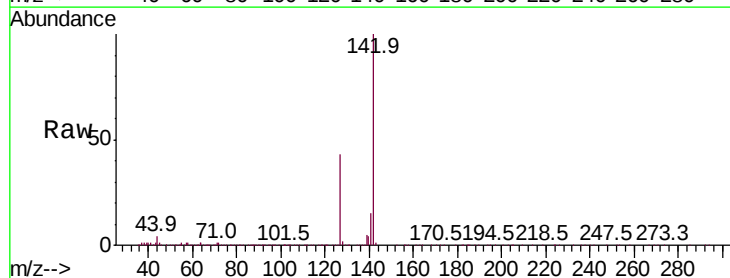
Tgt Ion:142 Resp: 96217

Ion Ratio Lower Upper

142 100

127 42.9 33.7 50.5

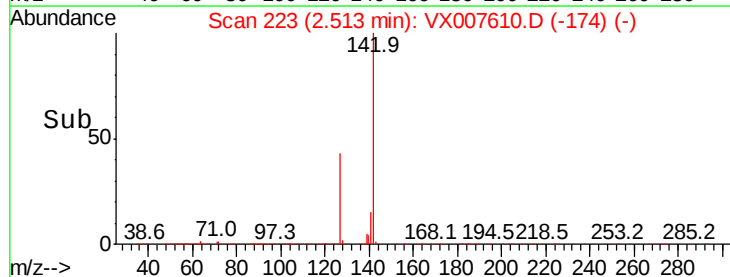
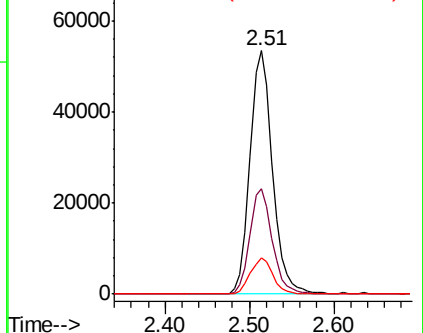
141 15.2 11.3 16.9

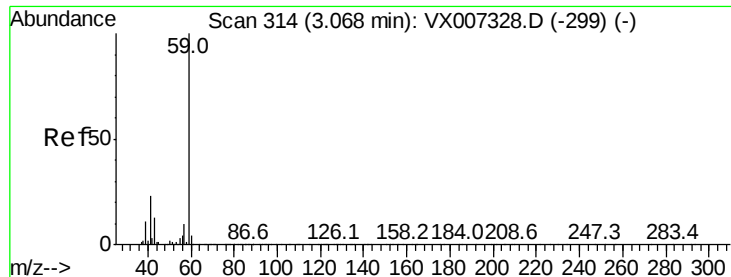


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



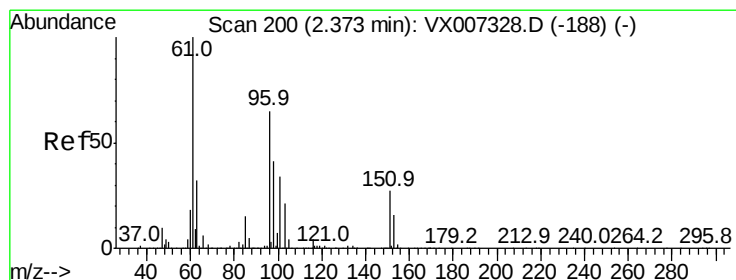
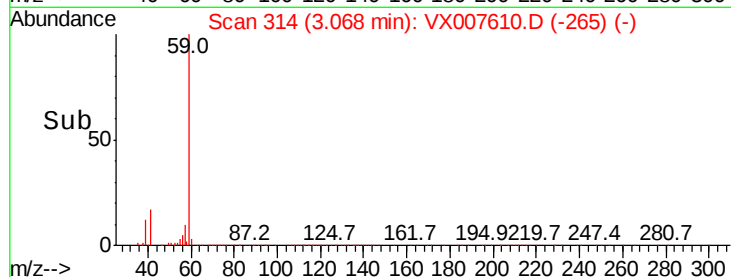
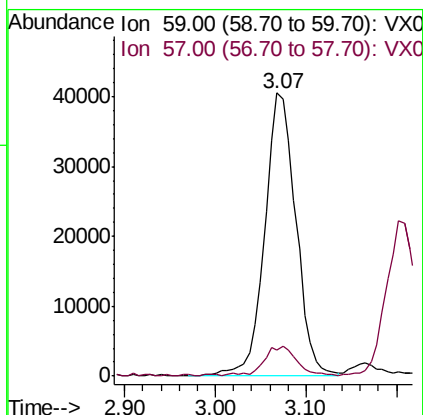
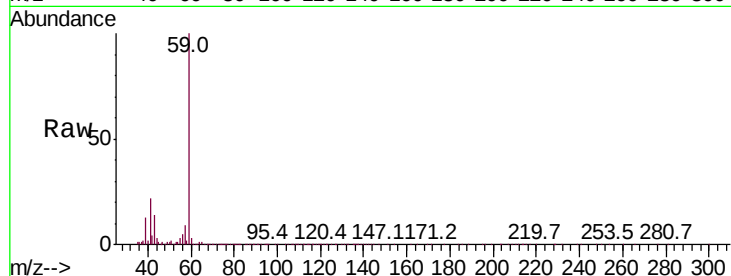


#11

Tert butyl alcohol
Concen: 107.627 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

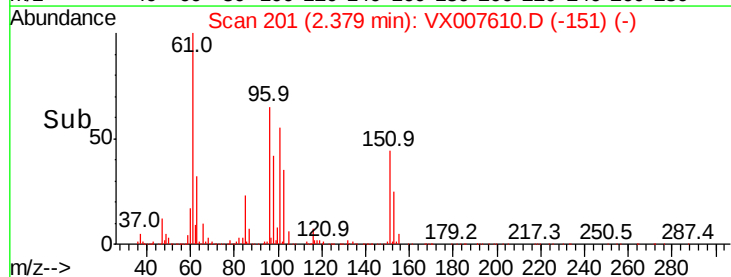
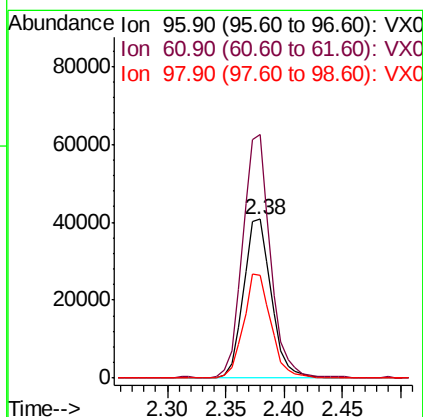
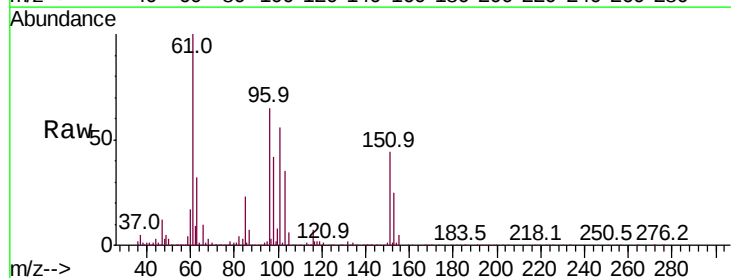
Tot Ion: 59 Resp: 95845
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

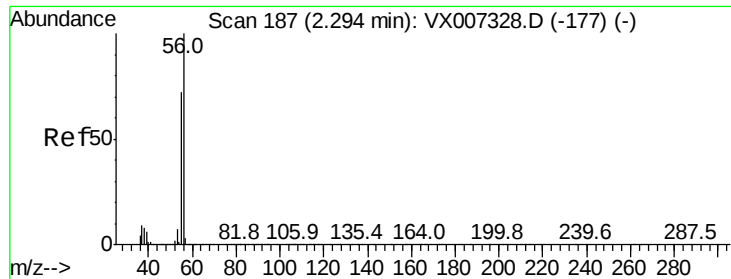


#12

1,1-Dichloroethene
Concen: 17.732 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 96 Resp: 68637
Ion Ratio Lower Upper
96 100
61 153.1 123.0 184.4
98 64.5 50.9 76.3





#13

Acrolein

Concen: 110.794 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

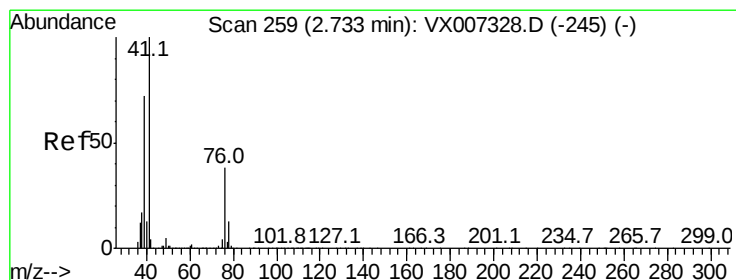
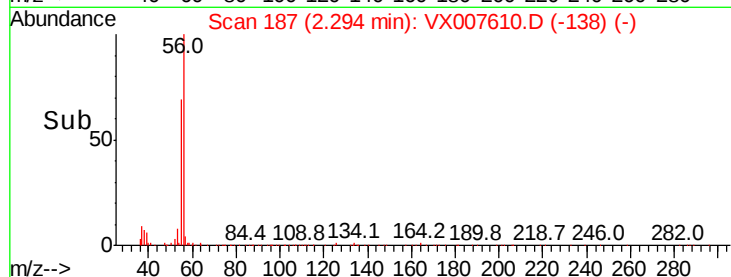
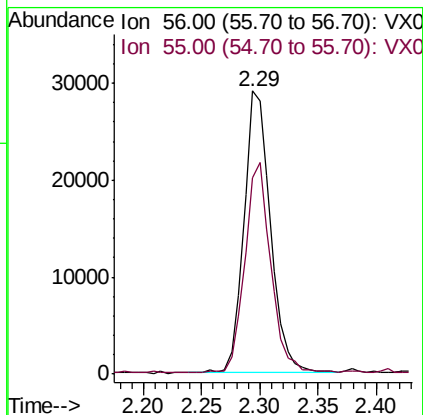
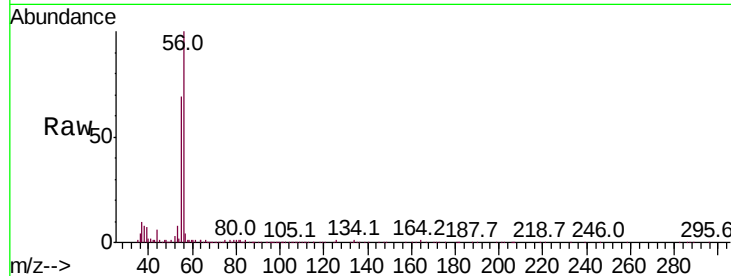
VX0219WBSD01

Tot Ion: 56 Resp: 46267

Ion Ratio Lower Upper

56 100

55 73.5 56.9 85.3



#14

Allyl chloride

Concen: 18.401 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

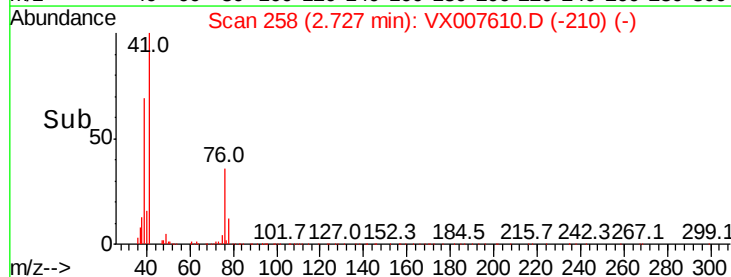
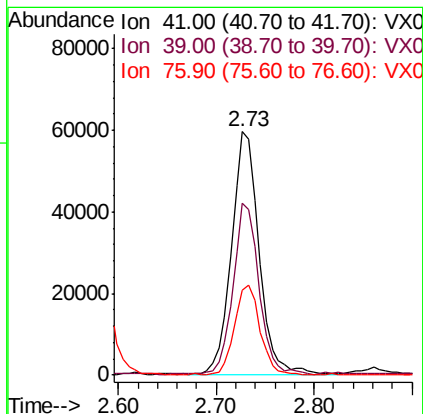
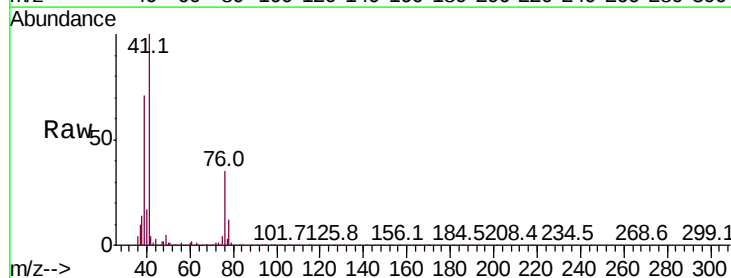
Tgt Ion: 41 Resp: 116054

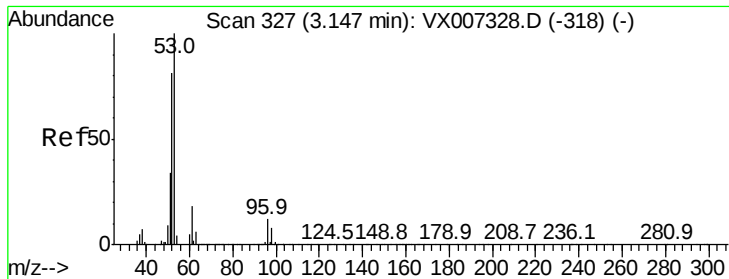
Ion Ratio Lower Upper

41 100

39 66.0 54.1 81.1

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 99.633 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

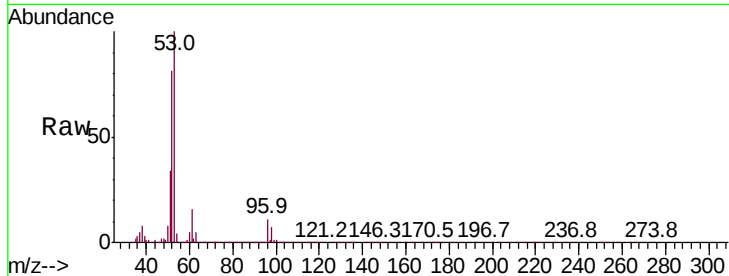
Tot Ion: 53 Resp: 219490

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

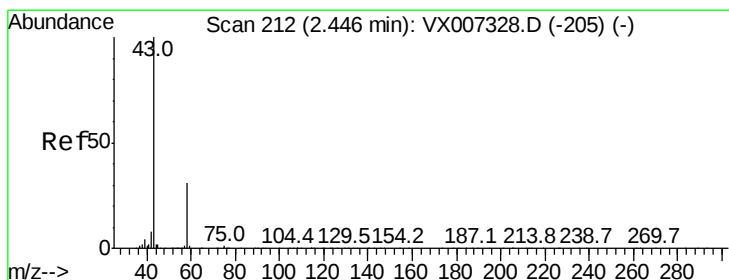
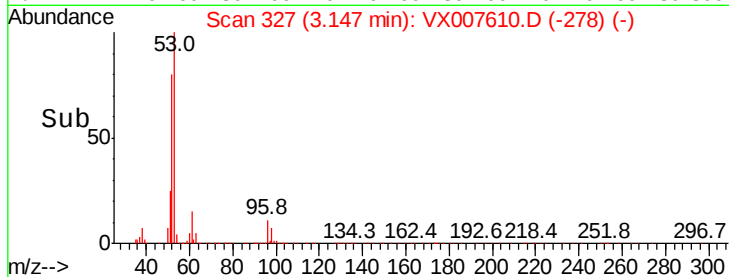
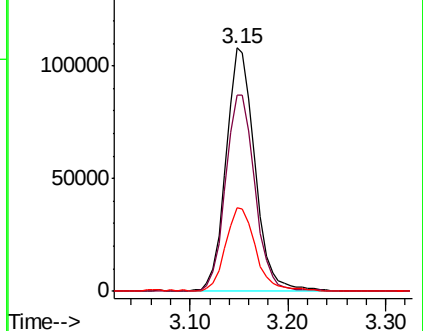
51 36.0 28.4 42.6



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: 97.746 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007610.D

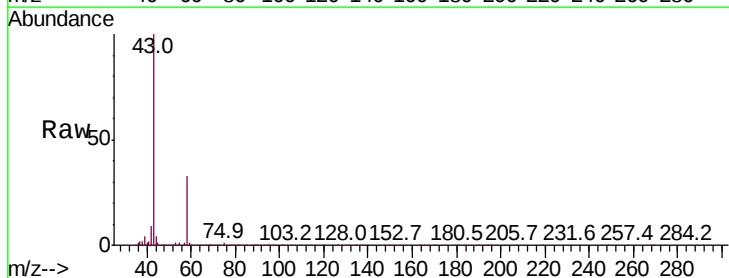
Acq: 19 Feb 2019 13:50

Tgt Ion: 43 Resp: 192672

Ion Ratio Lower Upper

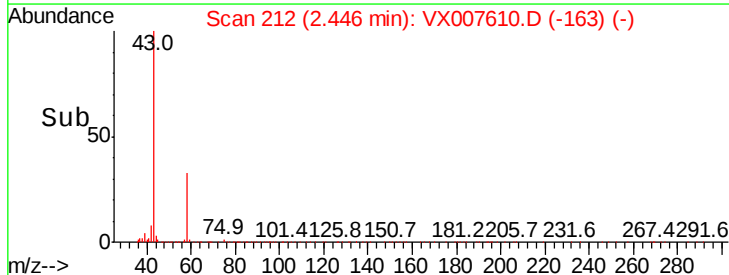
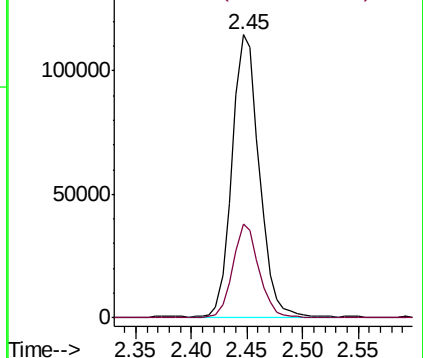
43 100

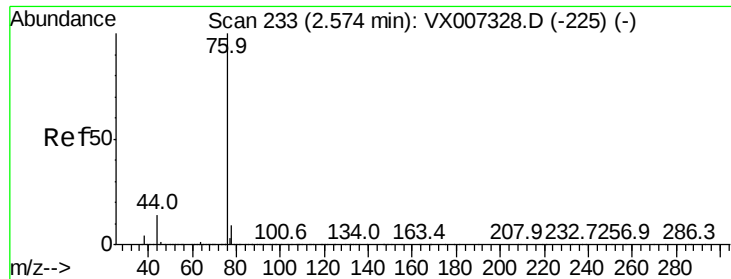
58 33.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

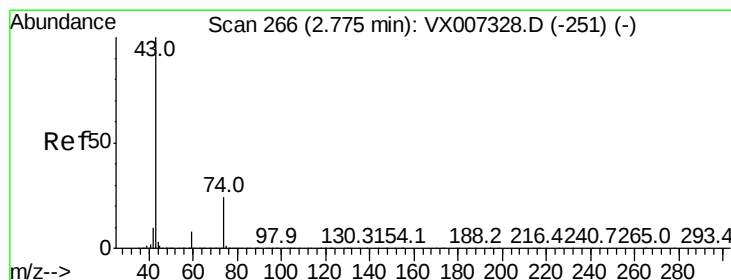
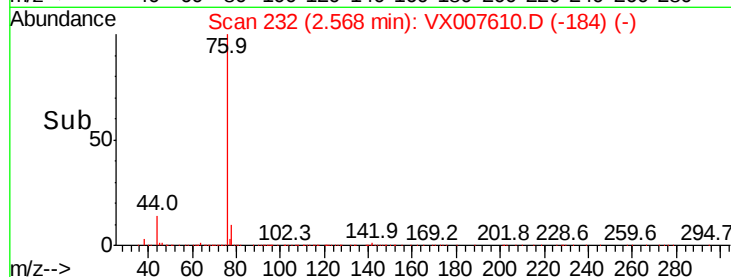
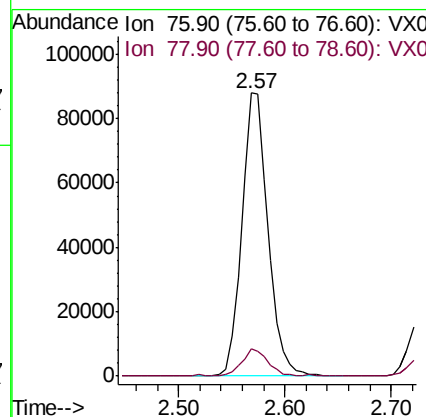
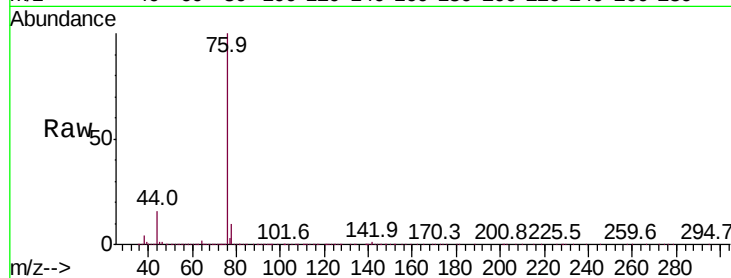




#17
Carbon Disulfide
Concen: 16.445 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

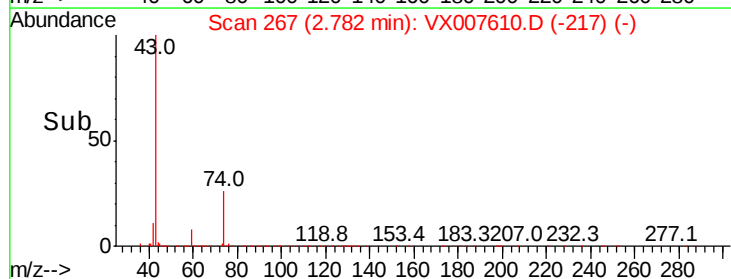
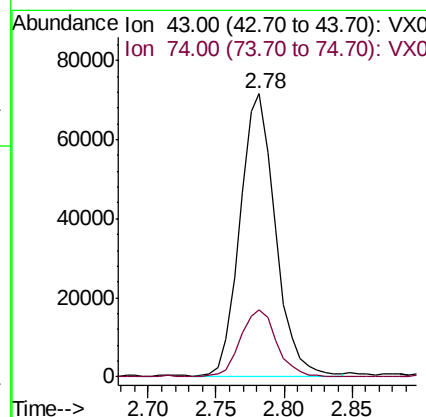
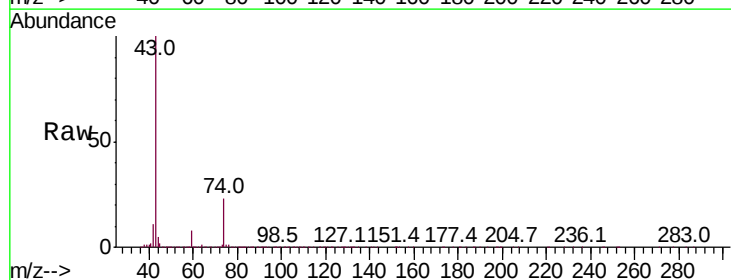
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

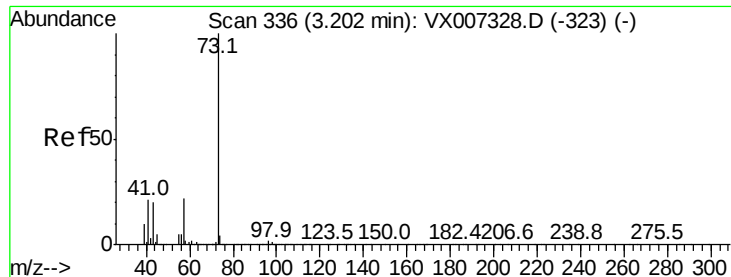
Tot Ion: 76 Resp: 151414
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 25.481 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 43 Resp: 129354
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2

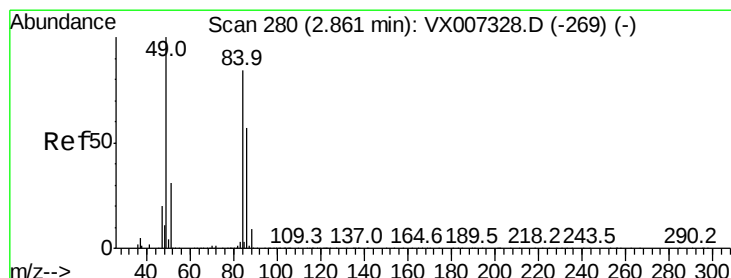
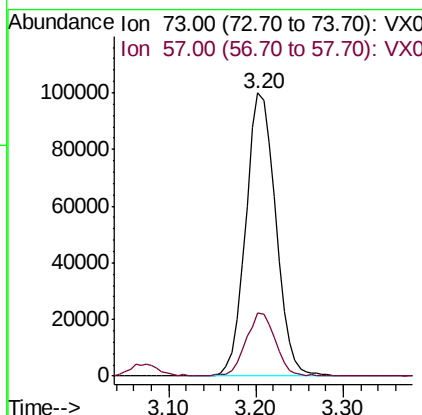
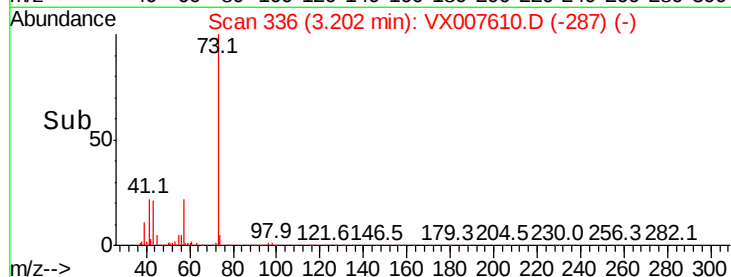
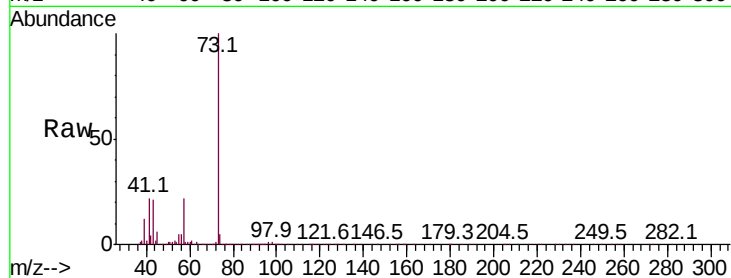




#19
Methyl tert-butyl Ether
Concen: 19.009 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

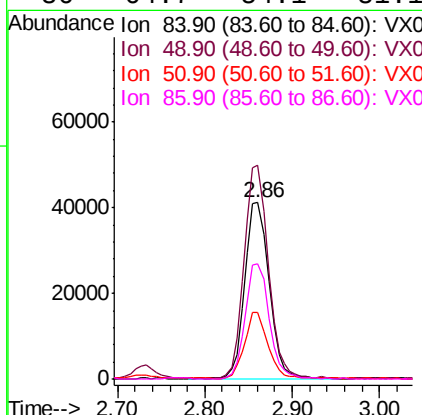
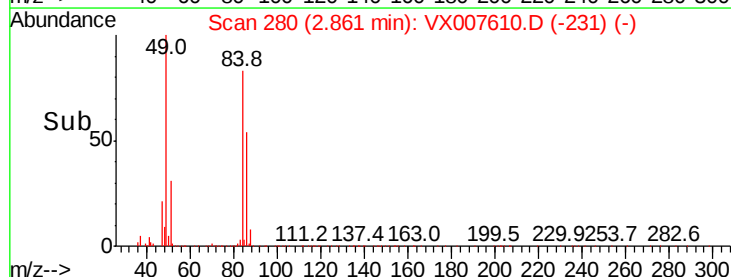
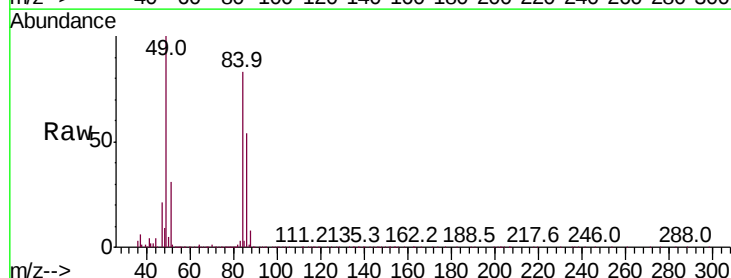
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

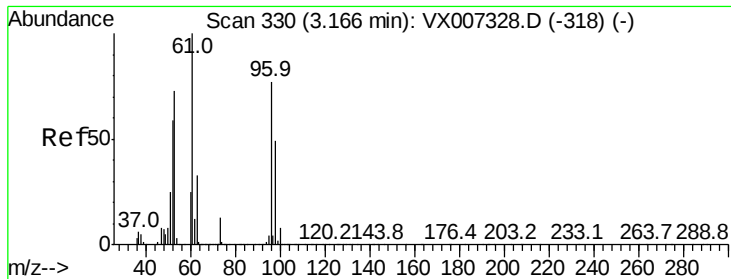
Tot Ion: 73 Resp: 238382
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 19.780 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 84 Resp: 80596
Ion Ratio Lower Upper
84 100
49 120.6 94.8 142.2
51 37.5 29.8 44.8
86 64.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.214 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

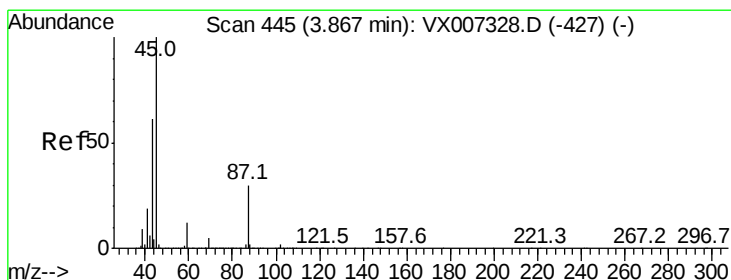
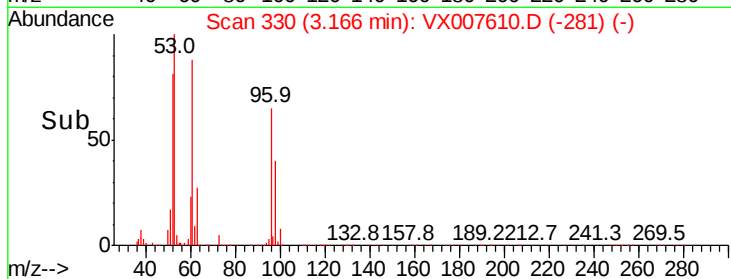
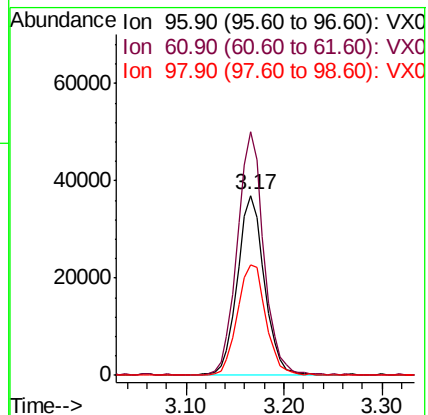
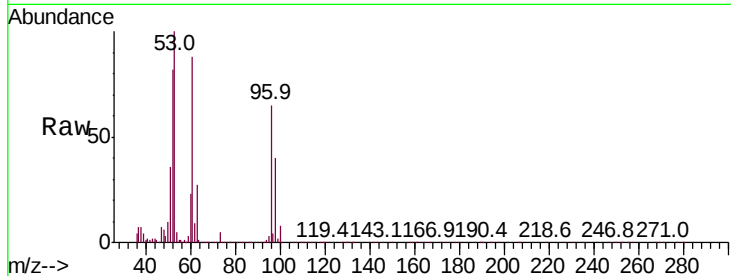
Tot Ion: 96 Resp: 70981

Ion Ratio Lower Upper

96 100

61 134.8 104.6 156.8

98 60.9 51.0 76.4



#22

Diisopropyl ether

Concen: 20.330 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Tgt Ion: 45 Resp: 235854

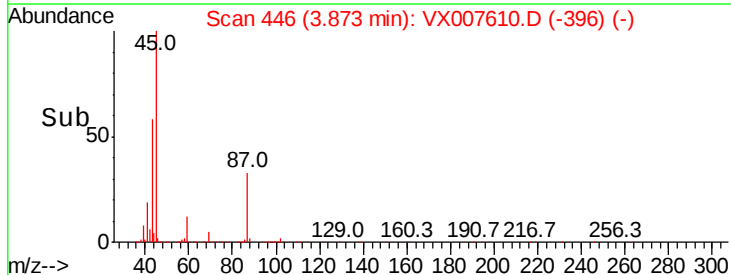
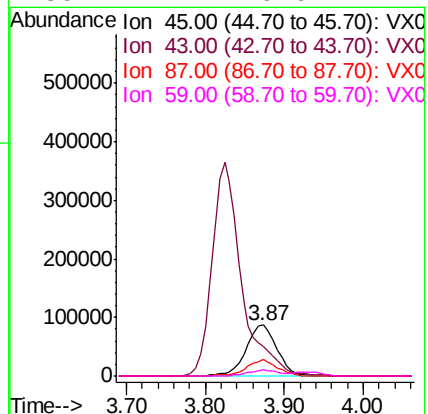
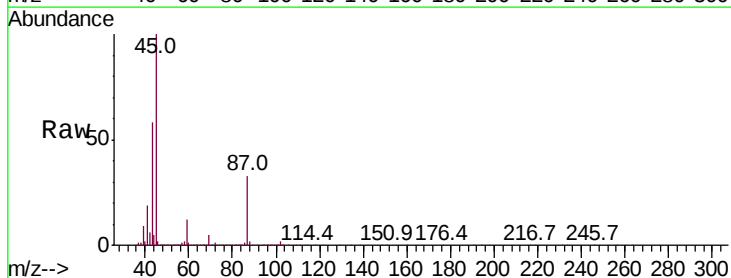
Ion Ratio Lower Upper

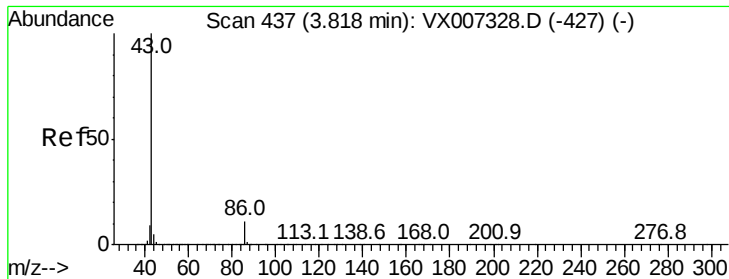
45 100

43 57.4 48.9 73.3

87 33.1 23.9 35.9

59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 98.900 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

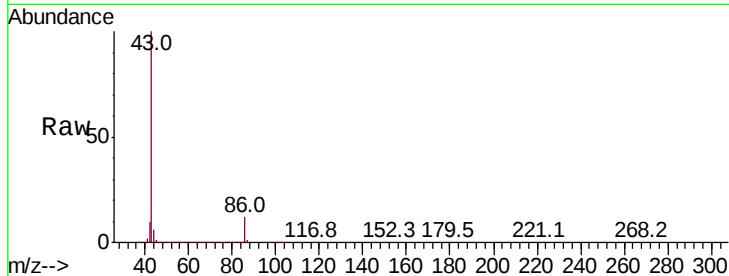
VX0219WBSD01

Tot Ion: 43 Resp: 952125

Ion Ratio Lower Upper

43 100

86 12.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

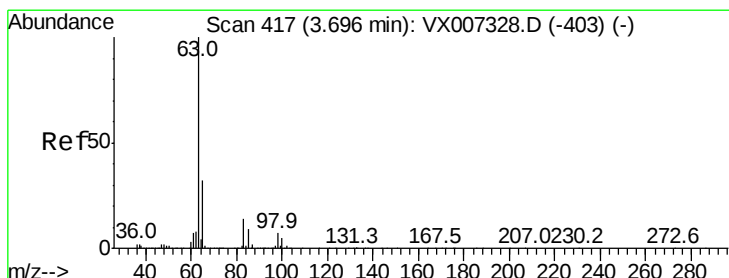
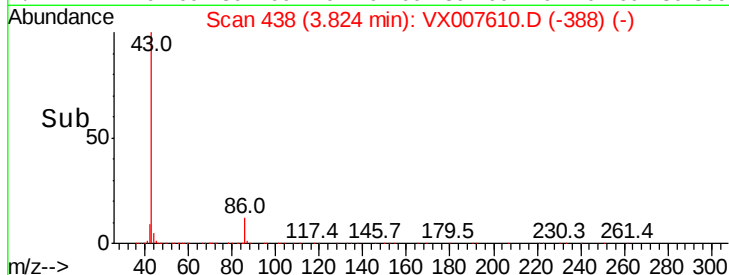
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.730 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

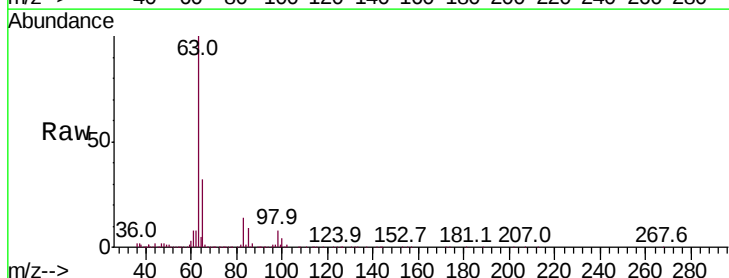
Tgt Ion: 63 Resp: 131453

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.1 2.5 7.4



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

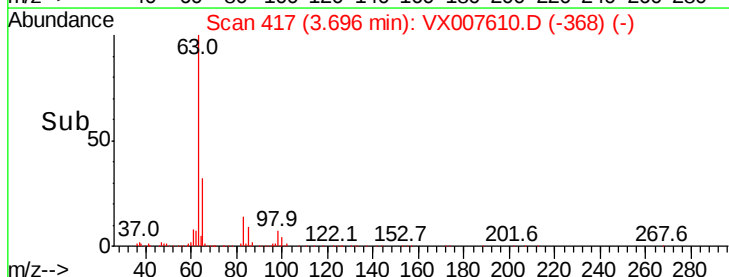
60000

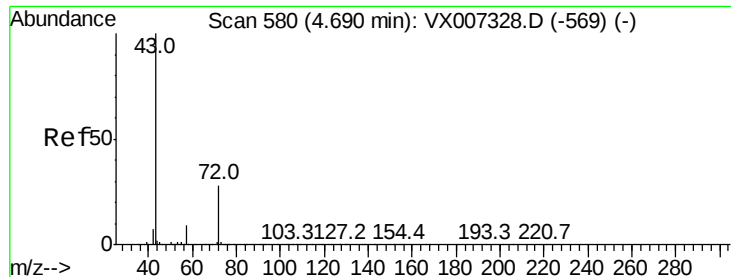
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.818 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

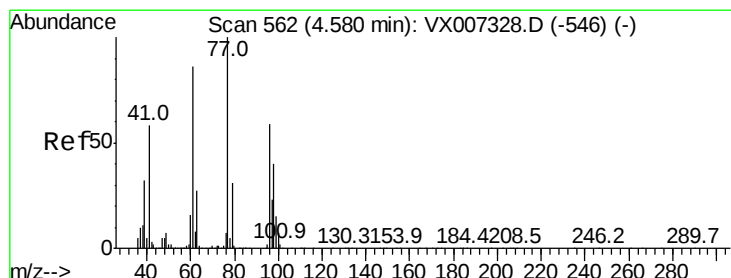
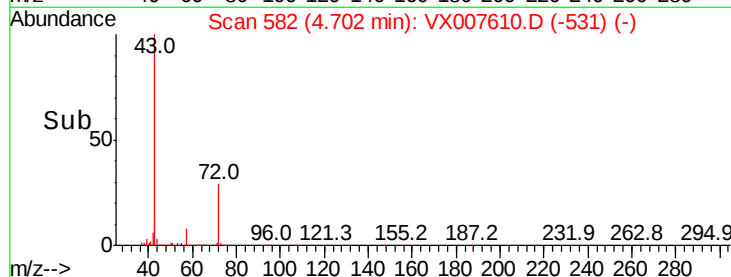
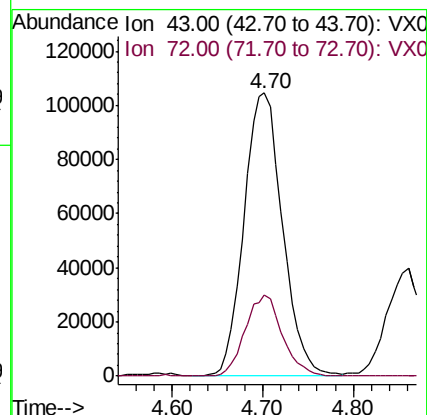
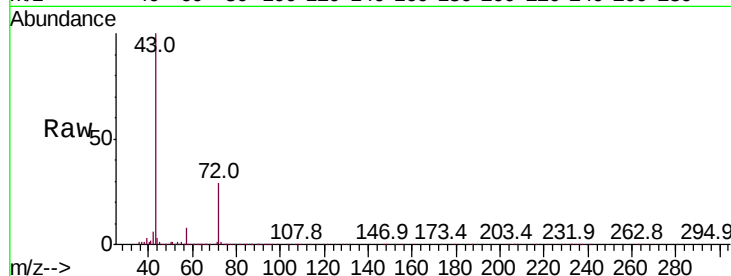
VX0219WBSD01

Tot Ion: 43 Resp: 305253

Ion Ratio Lower Upper

43 100

72 28.4 22.2 33.2



#26

2,2-Dichloropropane

Concen: 17.714 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007610.D

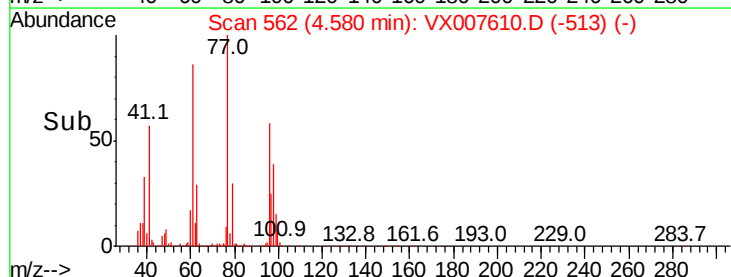
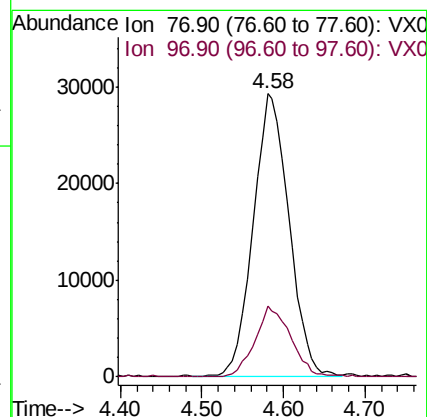
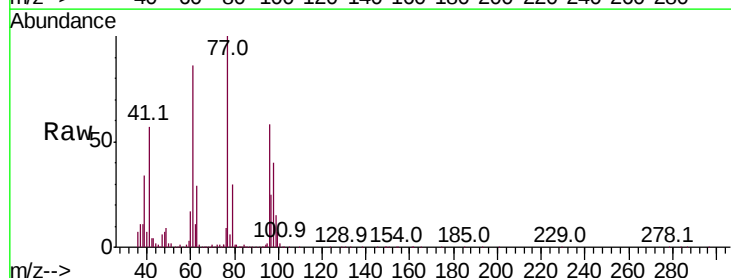
Acq: 19 Feb 2019 13:50

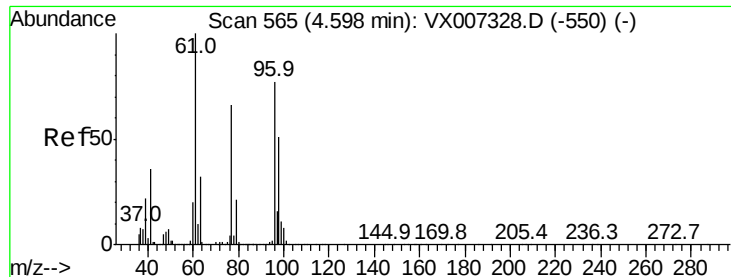
Tgt Ion: 77 Resp: 89879

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3



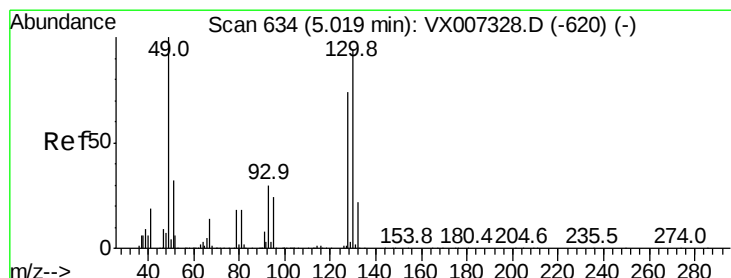
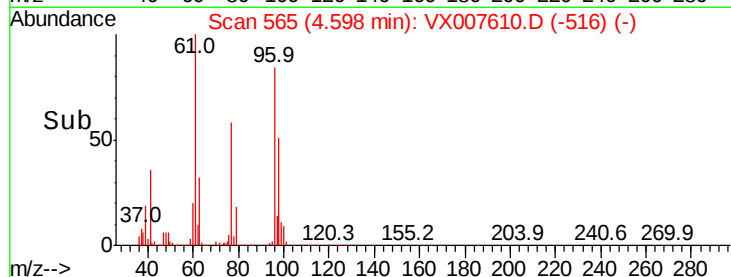
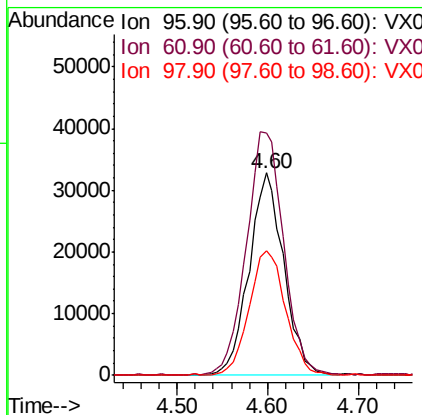
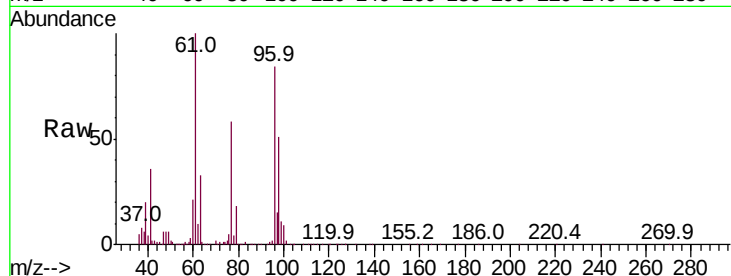


#27

cis-1,2-Dichloroethene
 Concen: 19.295 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

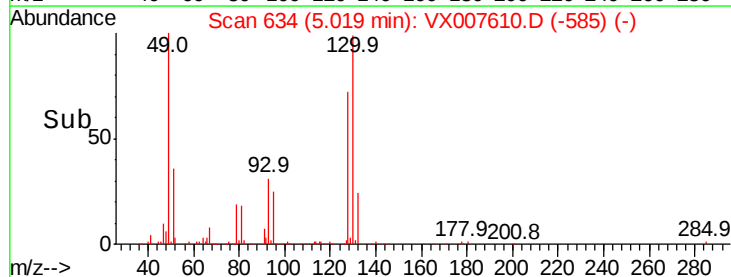
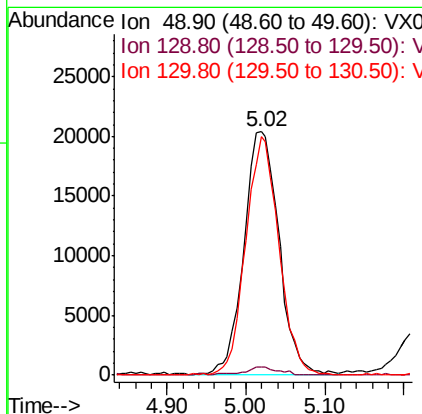
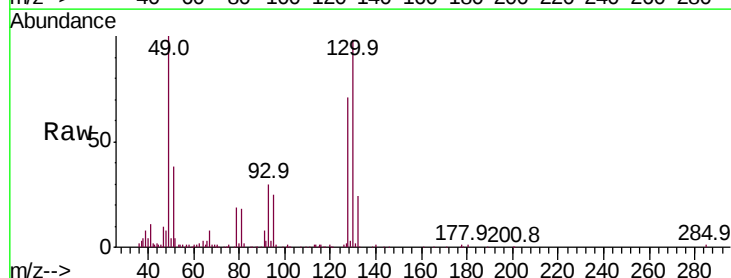
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	265.6
98	65.2	0.0	131.6

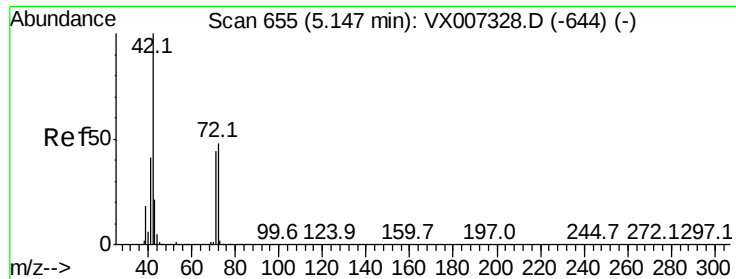


#28

Bromochloromethane
 Concen: 20.634 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	92.5	75.6	113.4





#29

Tetrahydrofuran

Concen: 110.580 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

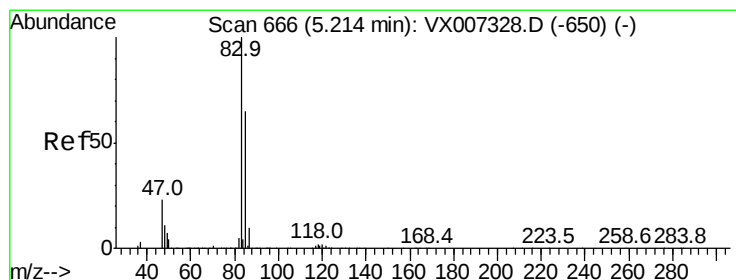
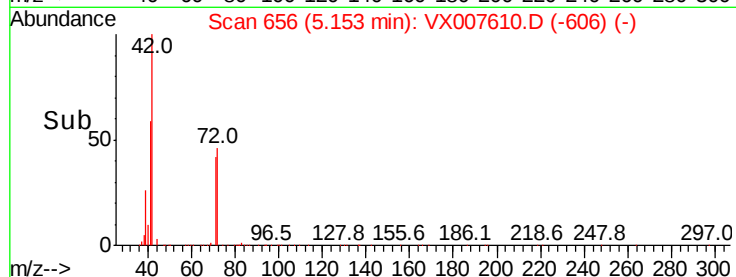
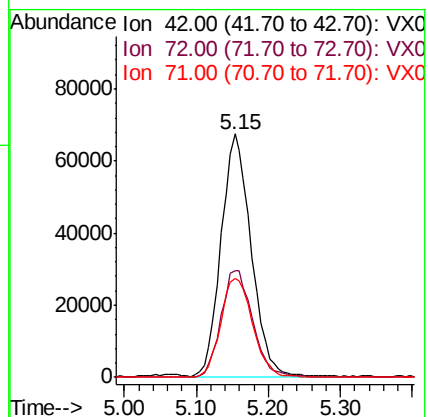
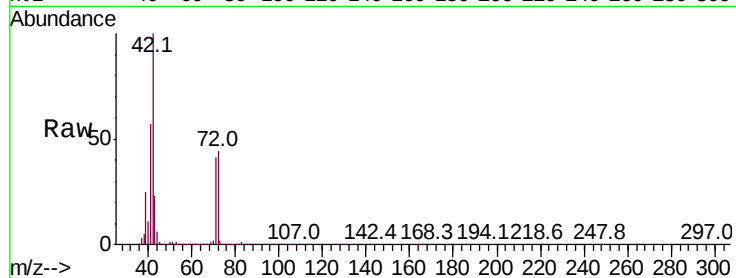
Tot Ion: 42 Resp: 195092

Ion Ratio Lower Upper

42 100

72 45.9 37.6 56.4

71 43.7 34.6 51.8



#30

Chloroform

Concen: 20.744 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007610.D

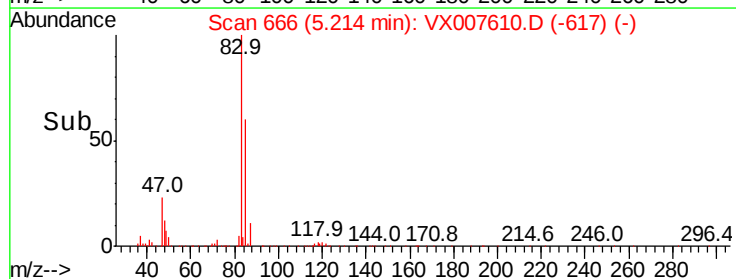
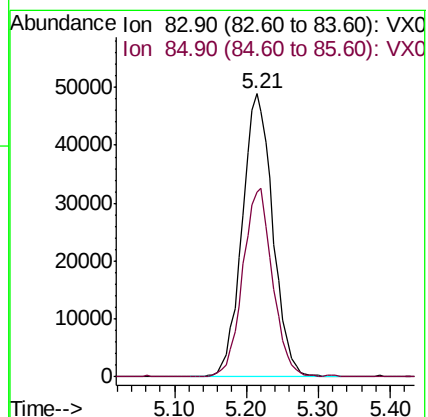
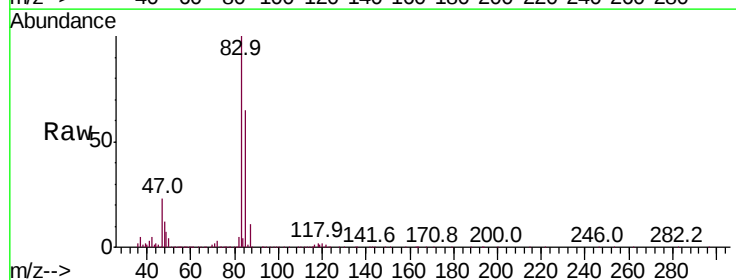
Acq: 19 Feb 2019 13:50

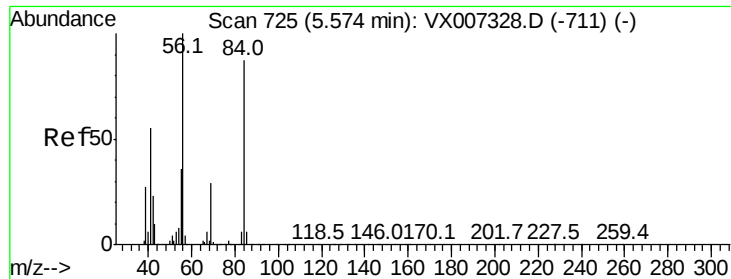
Tgt Ion: 83 Resp: 144219

Ion Ratio Lower Upper

83 100

85 65.3 51.6 77.4

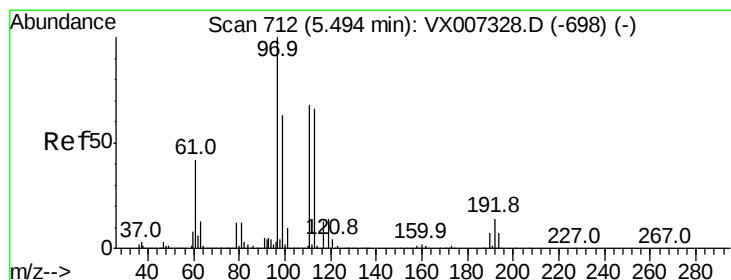
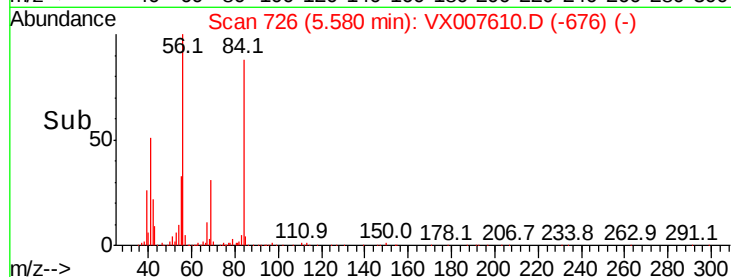
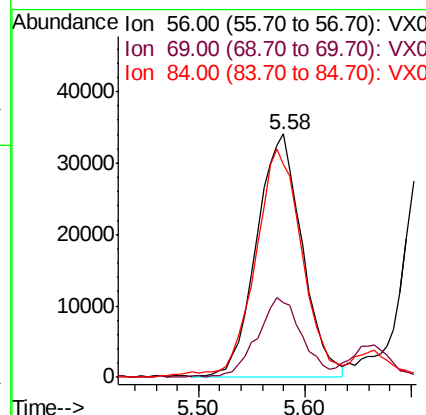
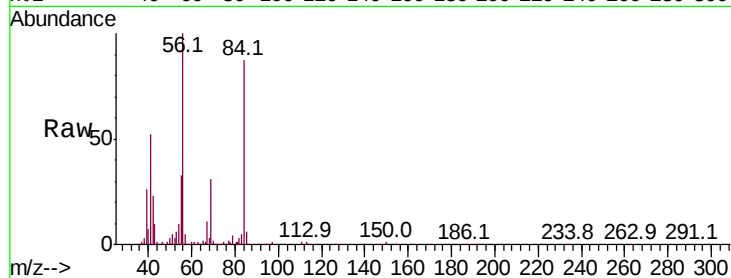




#31
Cyclohexane
Concen: 16.912 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

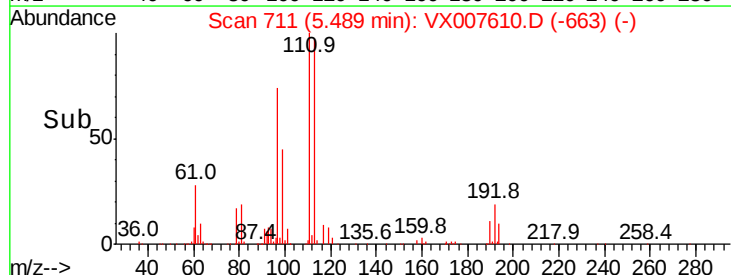
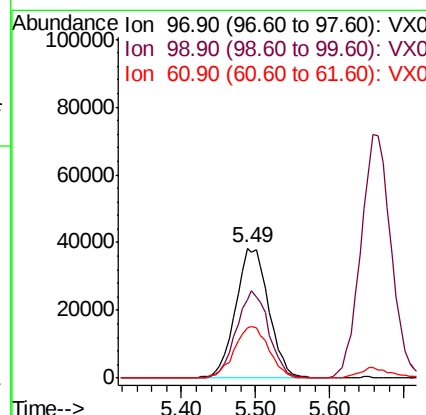
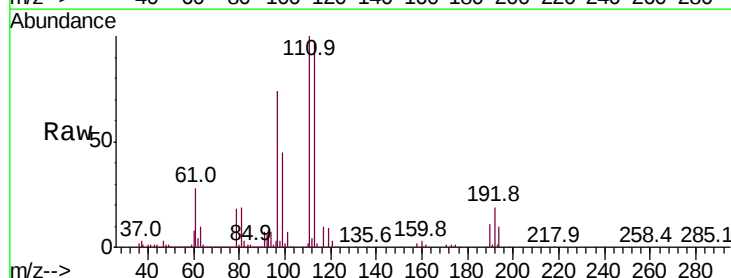
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

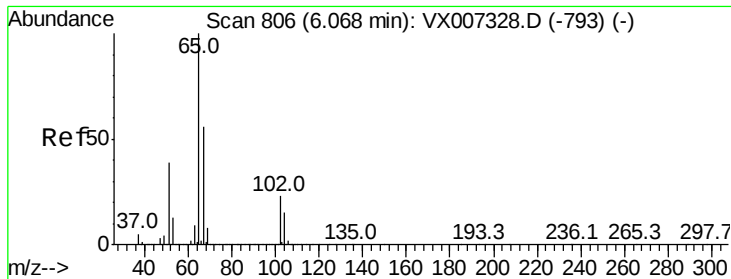
Tot Ion: 56 Resp: 101200
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.6
84 85.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.448 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 97 Resp: 119996
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.2
61 41.6 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.956 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

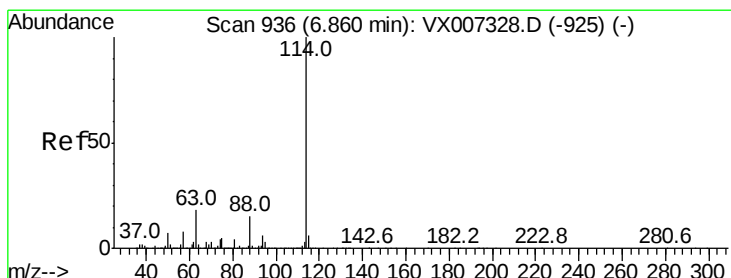
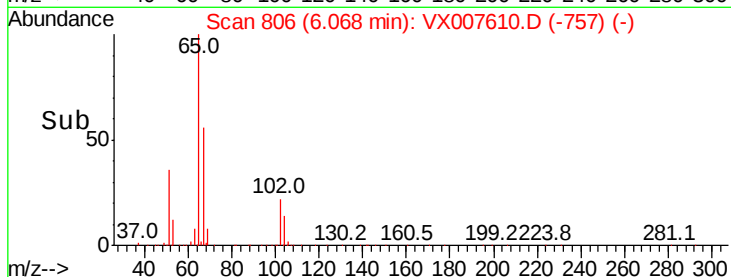
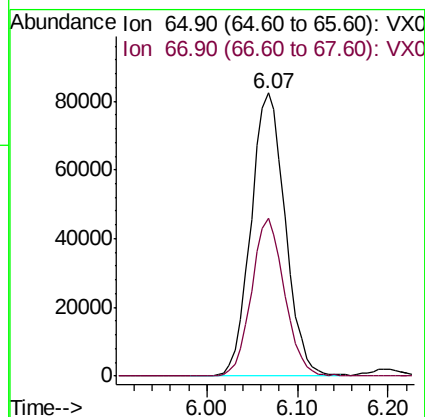
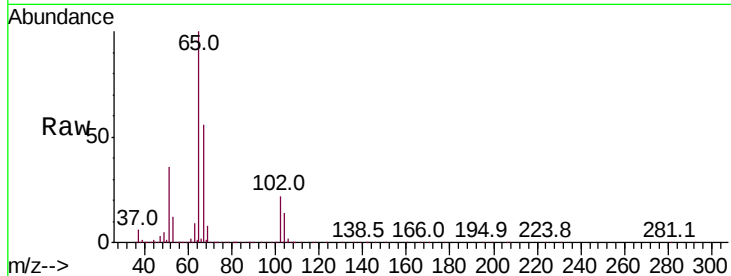
VX0219WBSD01

Tot Ion: 65 Resp: 214966

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

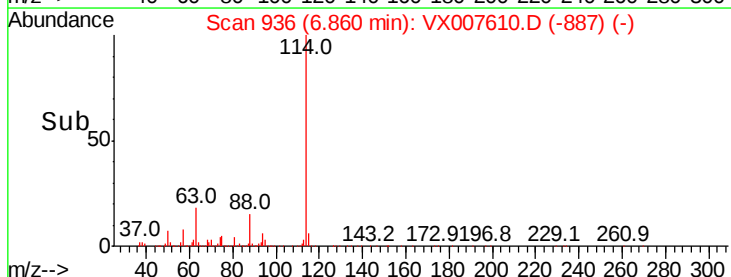
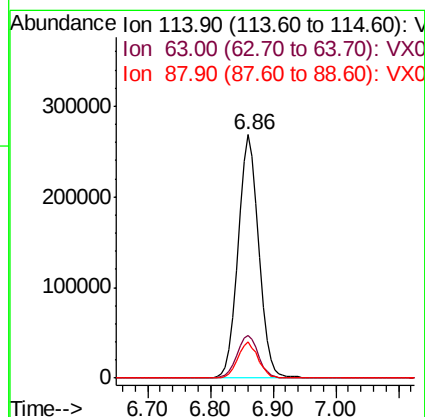
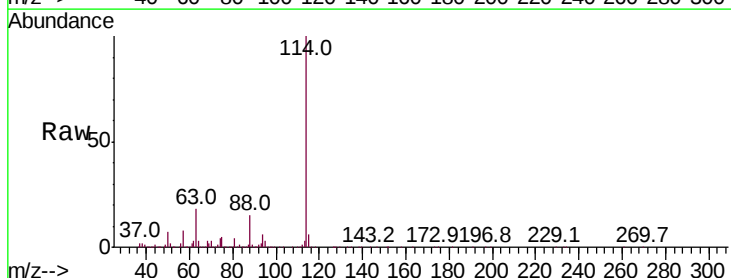
Tgt Ion: 114 Resp: 609808

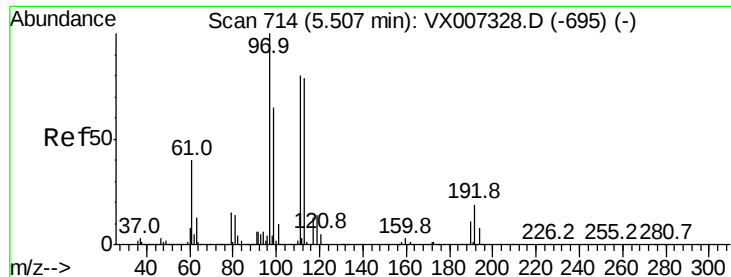
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.224 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

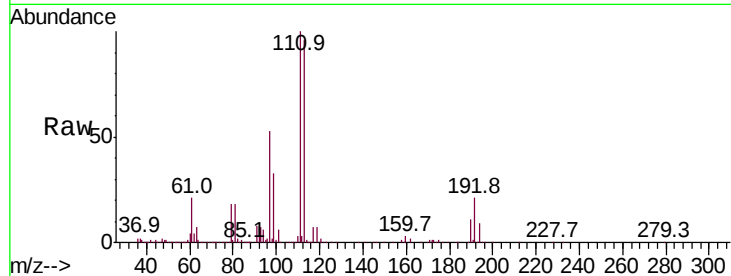
Tot Ion:113 Resp: 195311

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

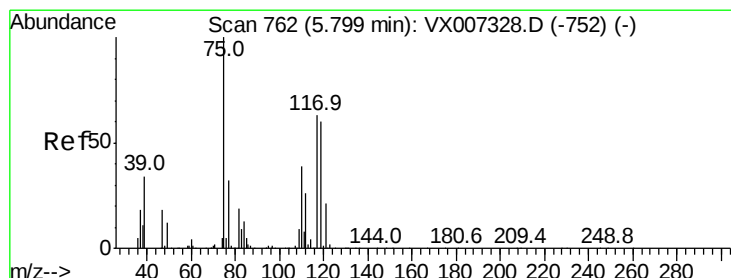
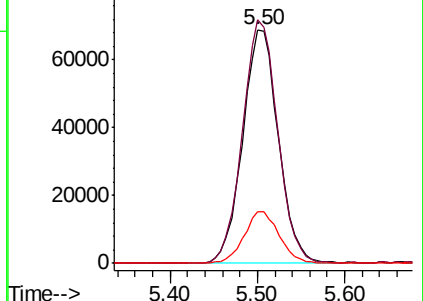
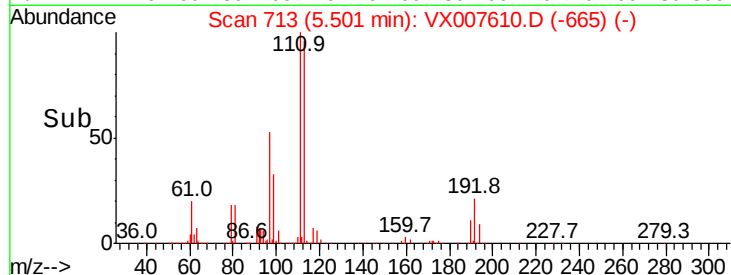
192 21.9 18.5 27.7



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: 17.642 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

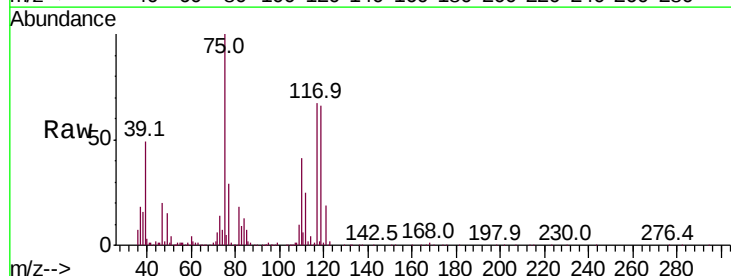
Tgt Ion: 75 Resp: 96527

Ion Ratio Lower Upper

75 100

110 40.8 20.0 59.9

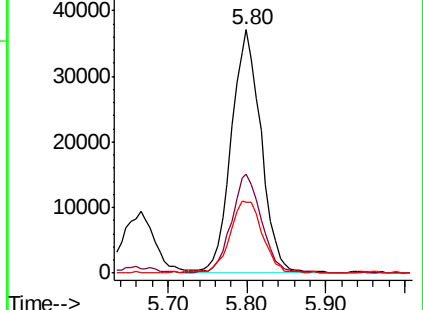
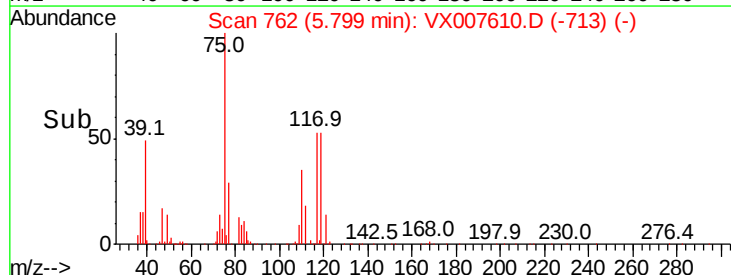
77 31.6 24.7 37.1

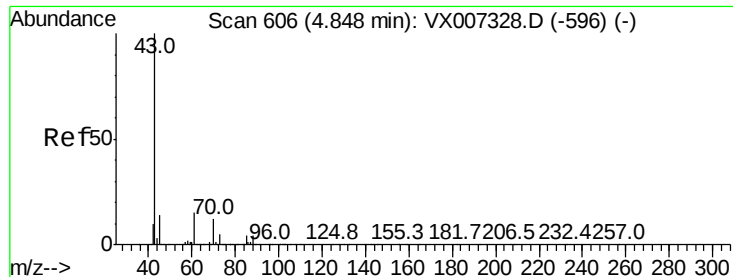


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

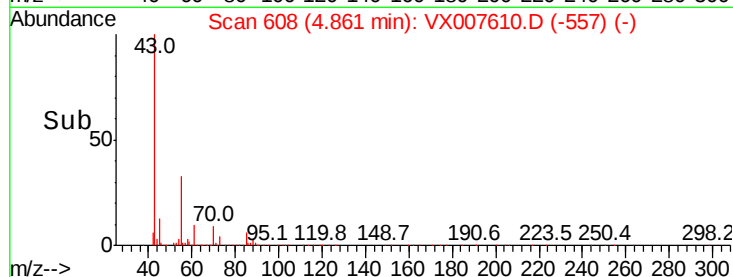
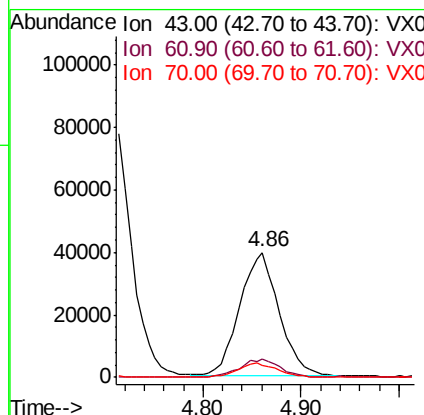
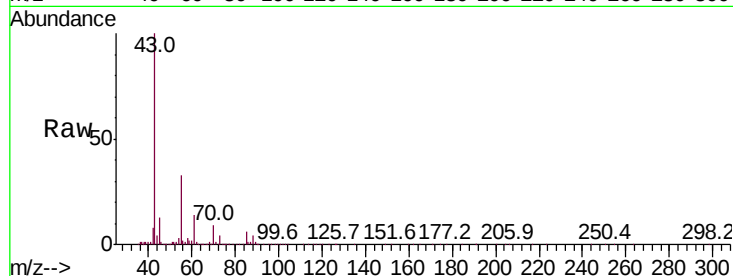




#37
Ethyl Acetate
Concen: 20.095 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

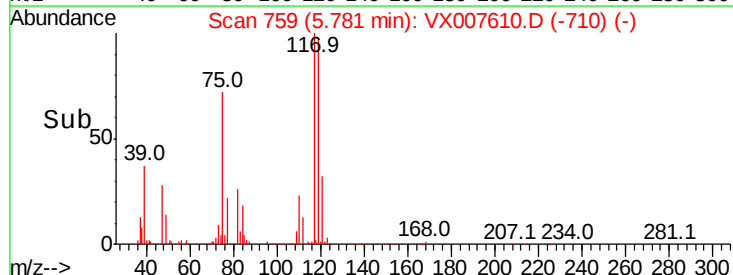
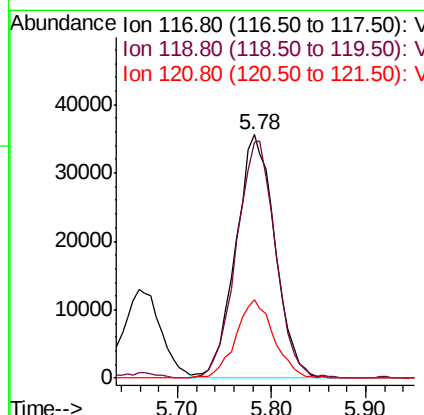
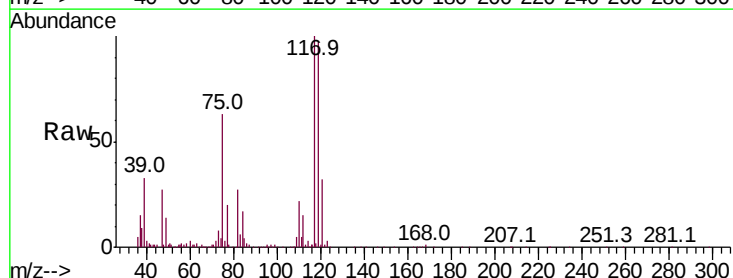
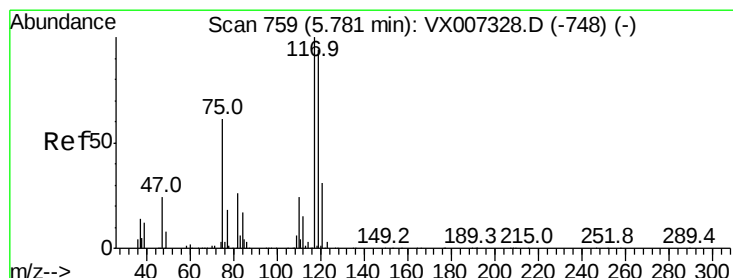
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

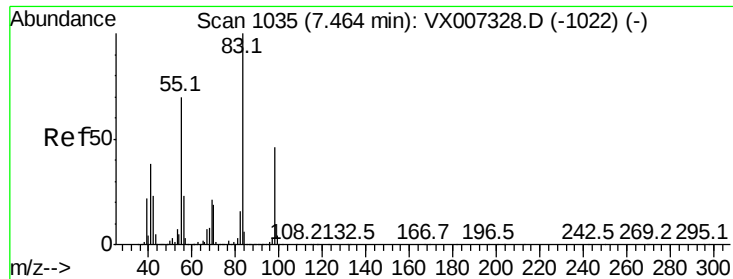
Tot Ion: 43 Resp: 111142
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.576 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 117 Resp: 103912
Ion Ratio Lower Upper
117 100
119 96.5 75.3 112.9
121 32.3 25.0 37.4

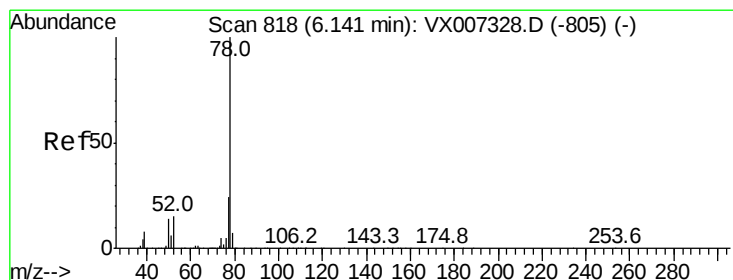
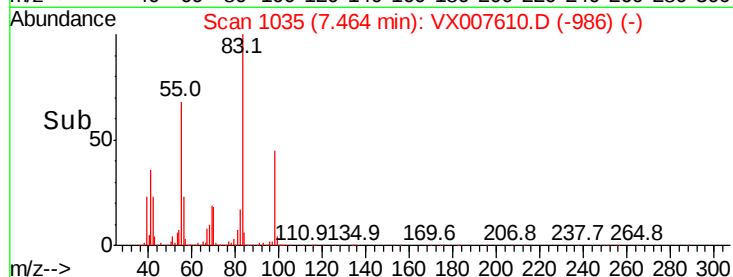
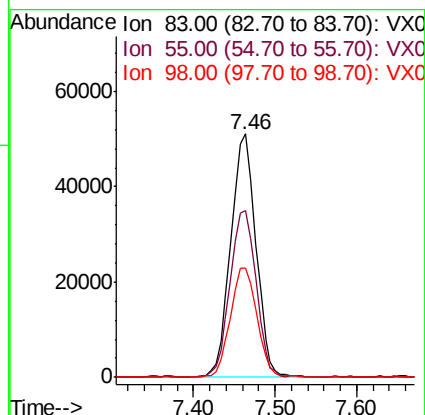
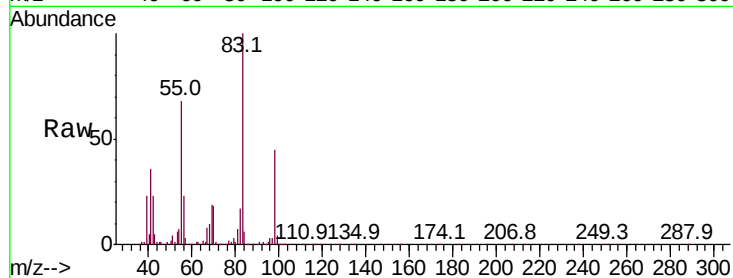




#39
Methvlcvclohexane
Concen: 16.474 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

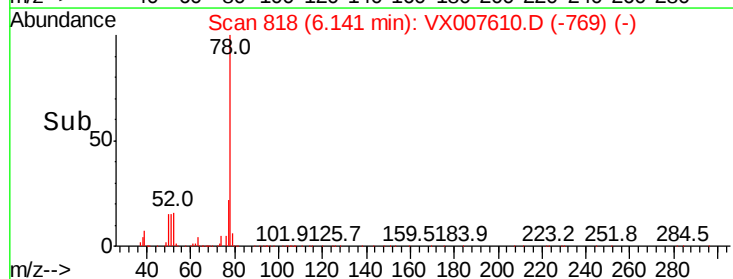
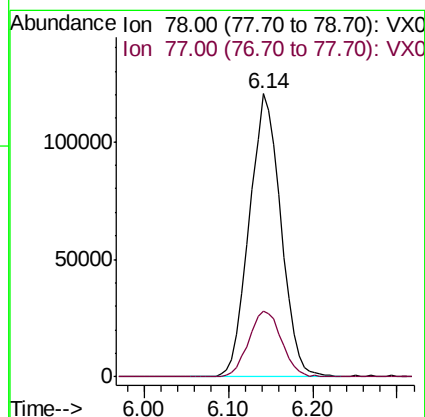
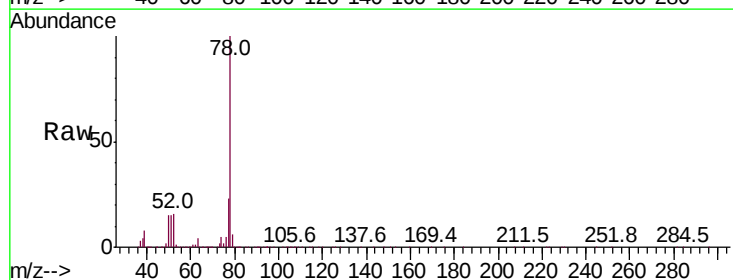
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

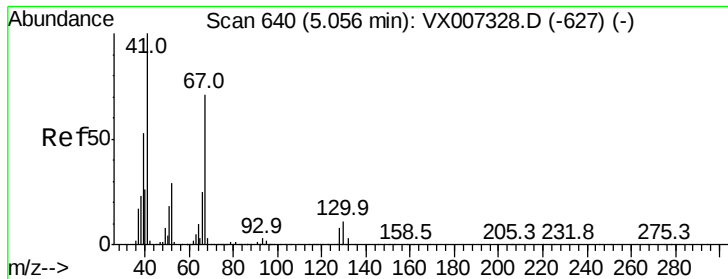
Tot Ion	83	Resp	109057
Ion Ratio	Lower	Upper	
83	100		
55	68.3	56.2	84.2
98	44.7	36.8	55.2



#40
Benzene
Concen: 18.977 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion	78	Resp	305863
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.3	28.9





#41

Methacrylonitrile

Concen: 20.439 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

Tot Ion: 41 Resp: 60588

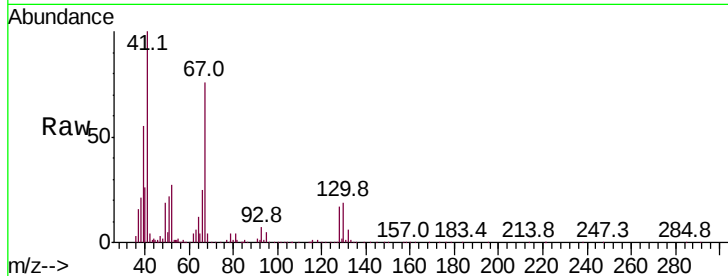
Ion Ratio Lower Upper

41 100

39 54.3 44.5 66.7

67 78.4 60.4 90.6

52 30.9 24.1 36.1

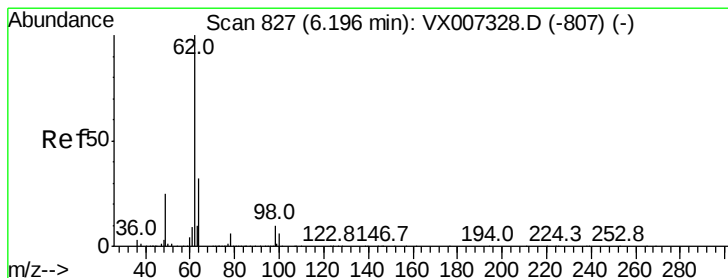
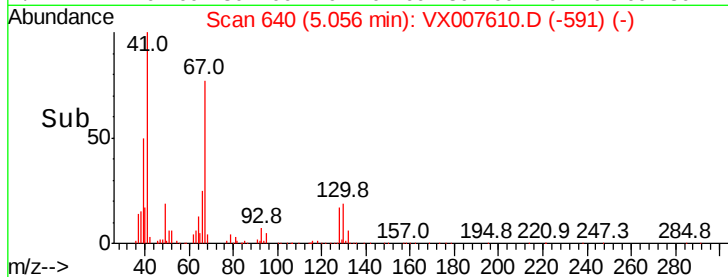
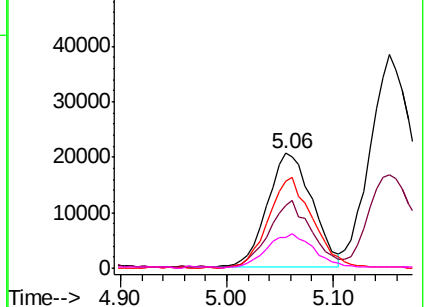


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.203 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007610.D

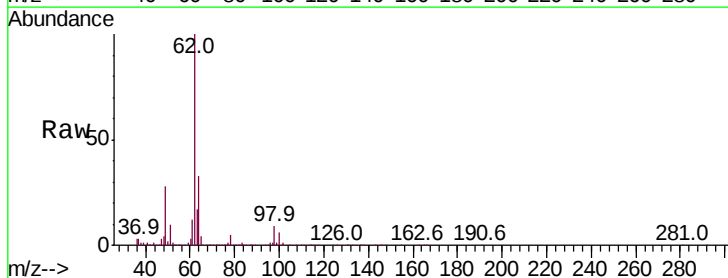
Acq: 19 Feb 2019 13:50

Tgt Ion: 62 Resp: 107086

Ion Ratio Lower Upper

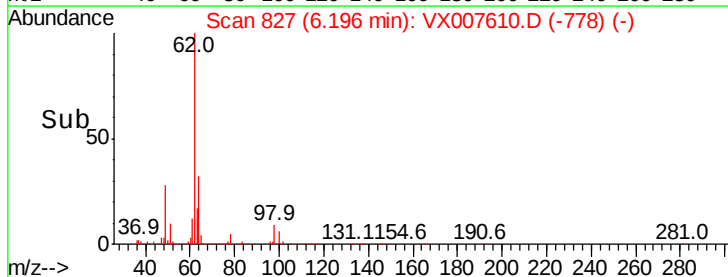
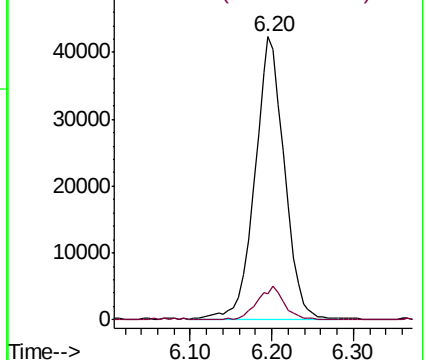
62 100

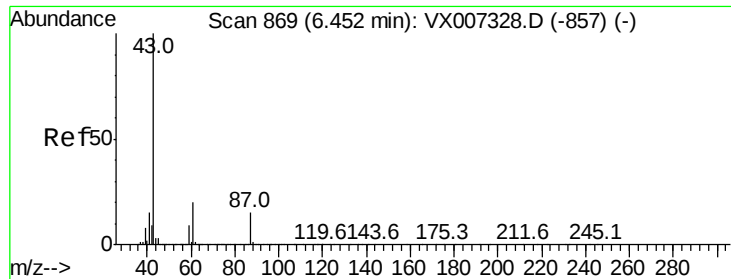
98 11.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



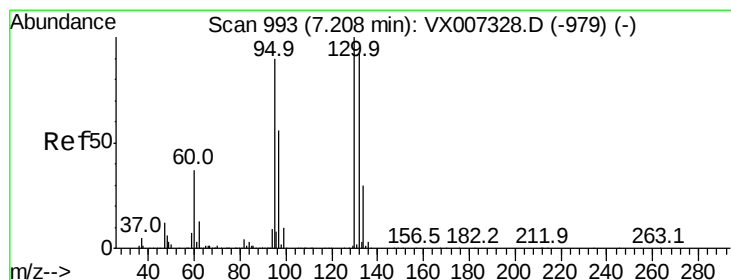
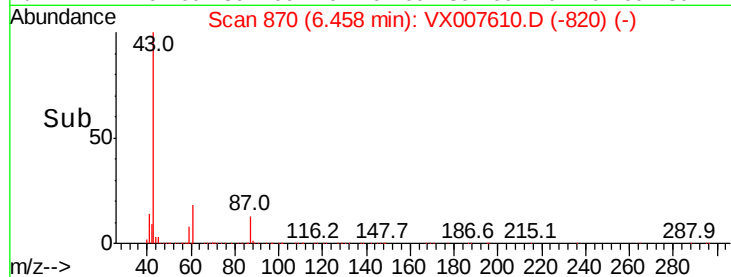
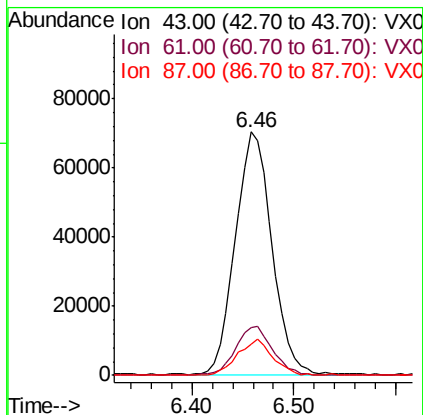
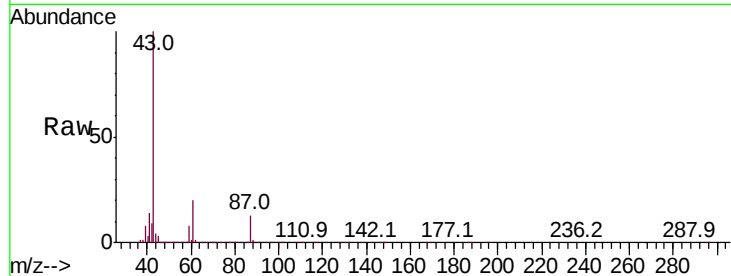


#43

Isopropyl Acetate
 Concen: 20.443 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

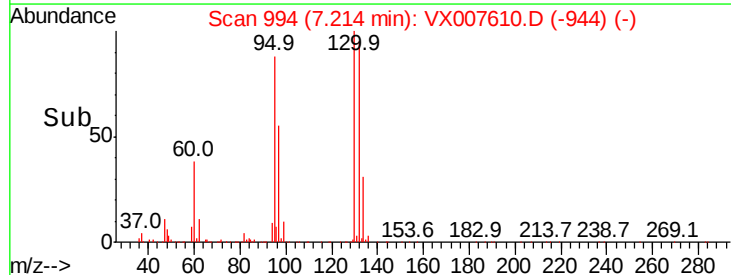
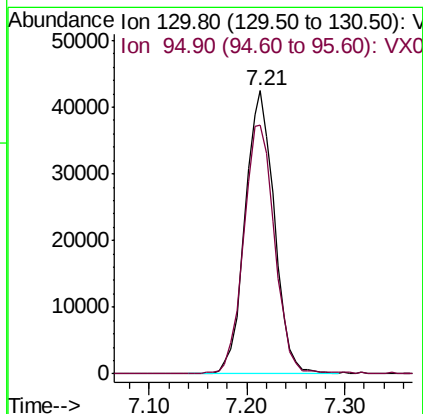
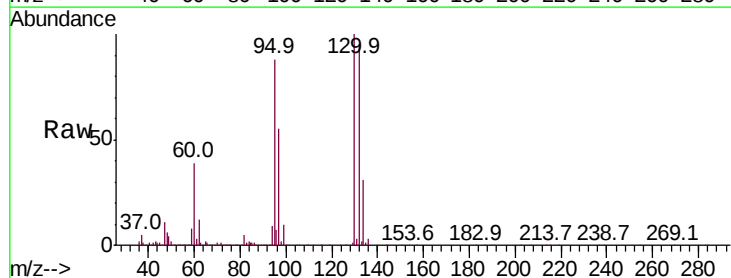
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.1	24.1
87	14.6	11.5	17.3

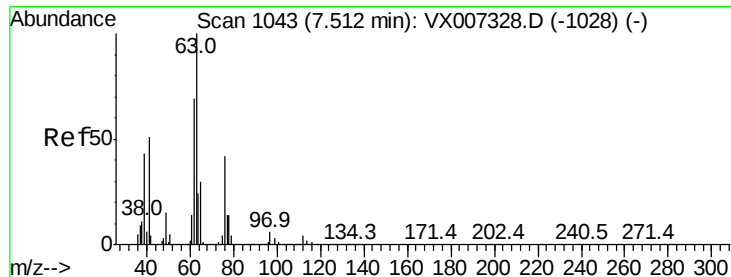


#44

Trichloroethene
 Concen: 18.133 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	180.0

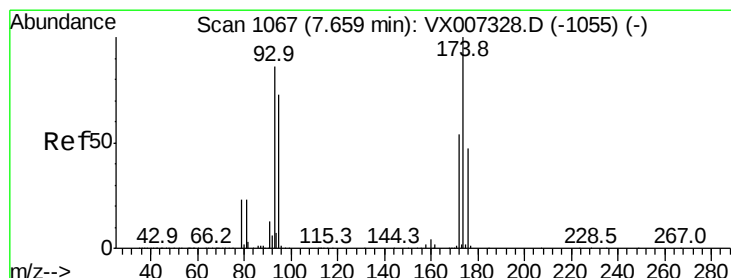
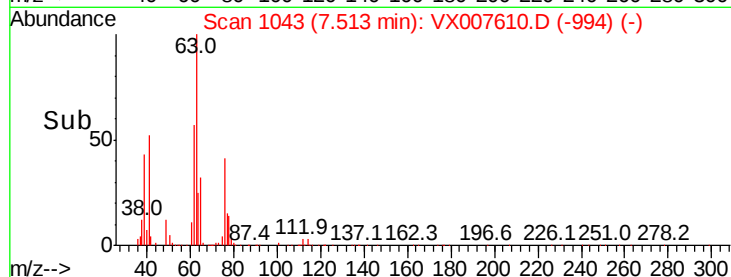
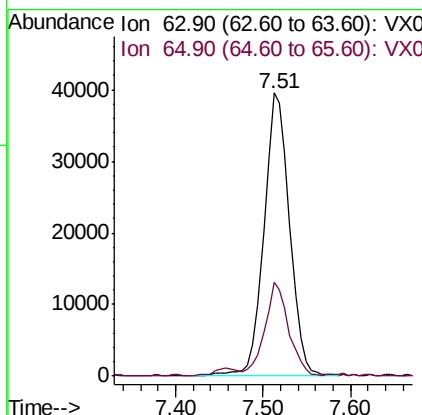
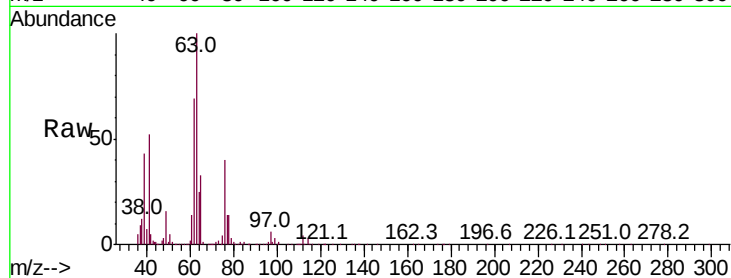




#45
 1,2-Dichloropropane
 Concen: 19.837 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

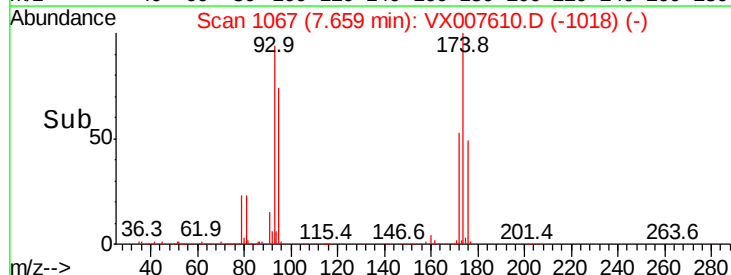
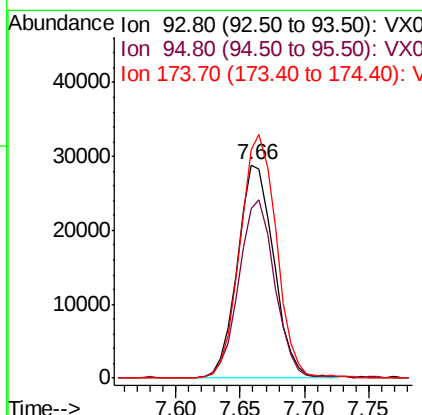
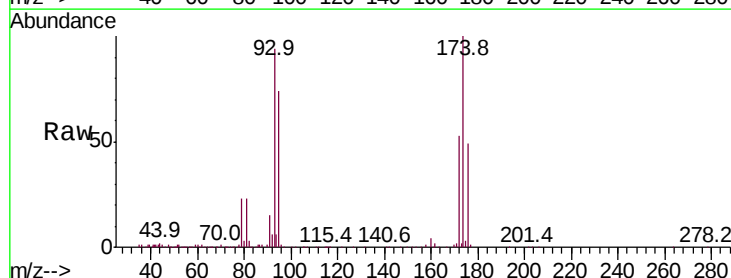
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

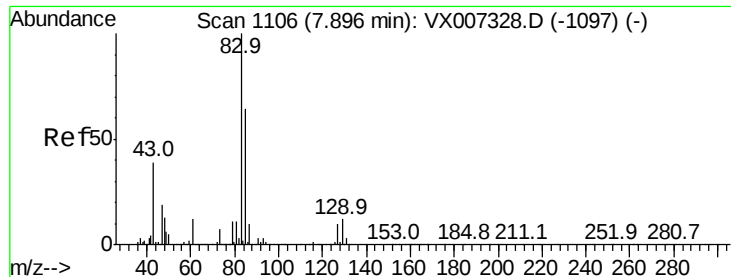
Tot Ion: 63 Resp: 80106
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.2 36.2



#46
 Dibromomethane
 Concen: 19.178 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Tgt Ion: 93 Resp: 56287
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.6 101.4
 174 114.7 94.2 141.4





#47

Bromodichloromethane

Concen: 20.373 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

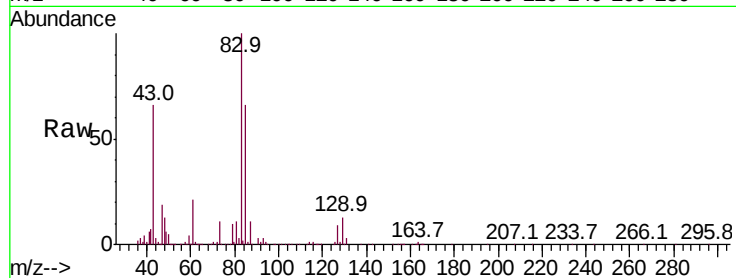
Tot Ion: 83 Resp: 101336

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0

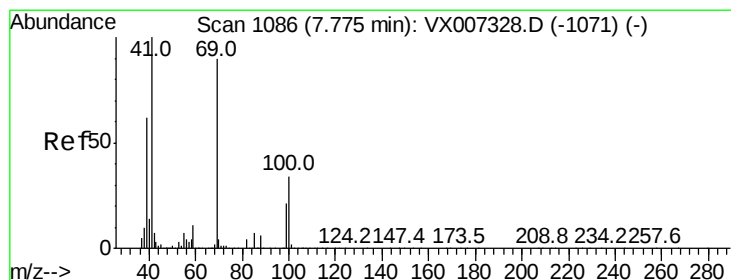
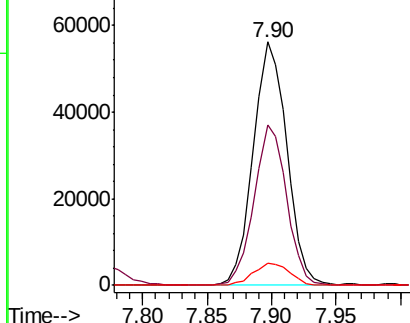
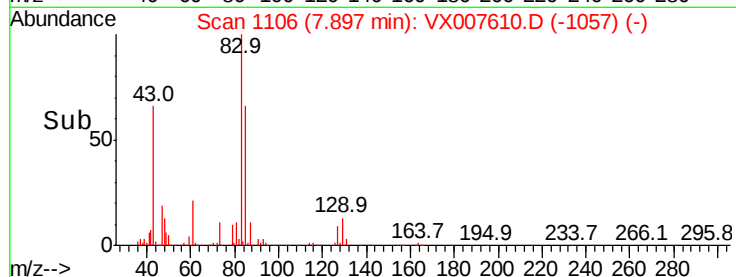
127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.764 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

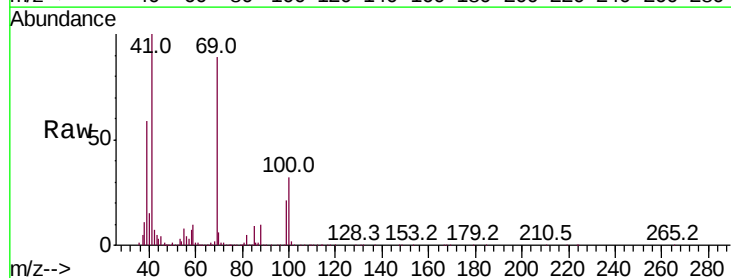
Tgt Ion: 41 Resp: 88668

Ion Ratio Lower Upper

41 100

69 86.9 70.2 105.4

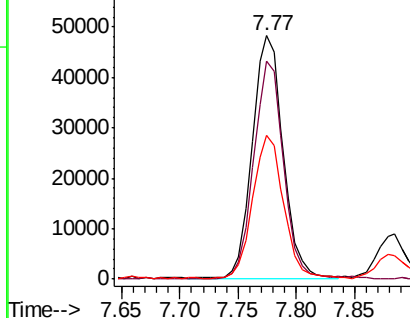
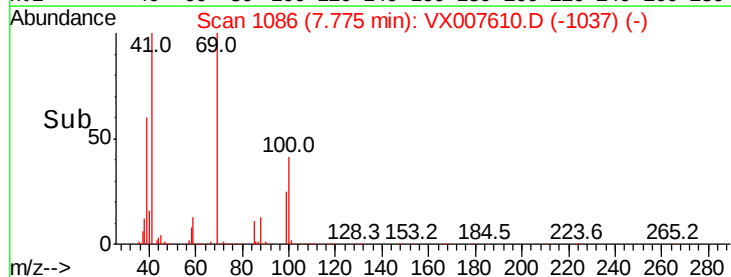
39 59.2 47.4 71.0

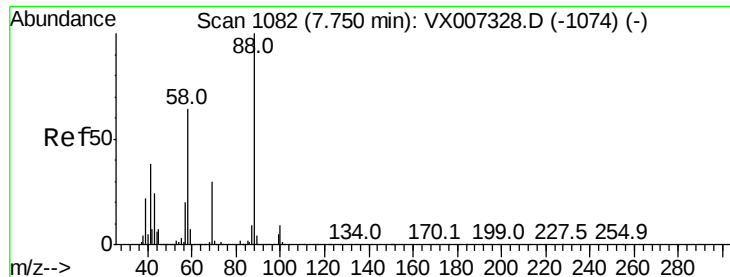


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 452.938 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

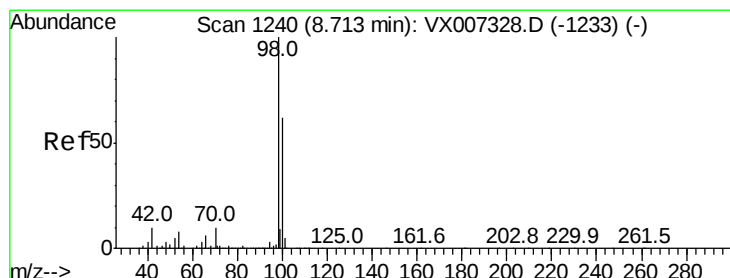
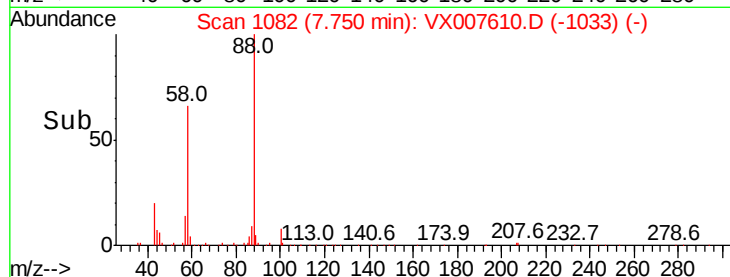
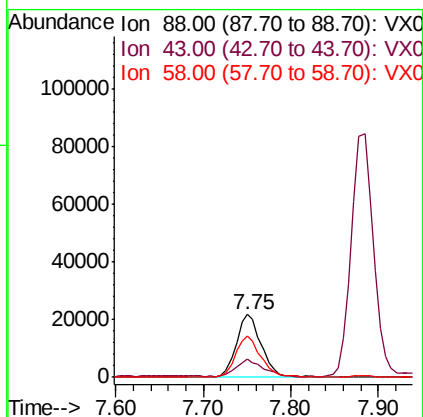
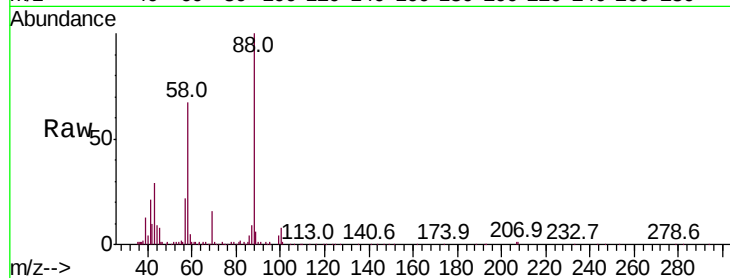
Tot Ion: 88 Resp: 43618

Ion Ratio Lower Upper

88 100

43 28.8 24.2 36.4

58 67.3 53.0 79.4



#50

Toluene-d8

Concen: 47.871 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007610.D

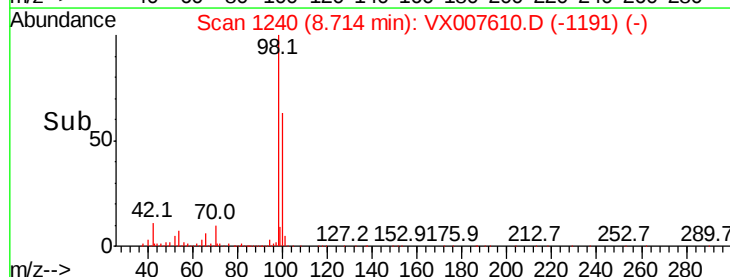
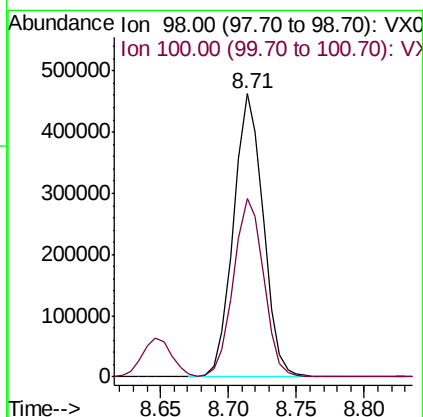
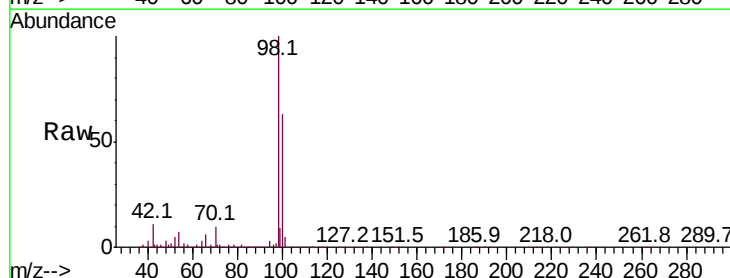
Acq: 19 Feb 2019 13:50

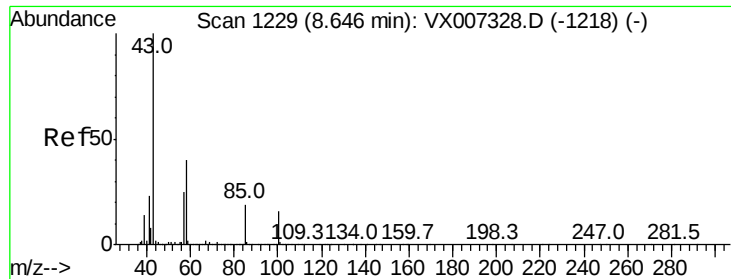
Tgt Ion: 98 Resp: 704724

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4

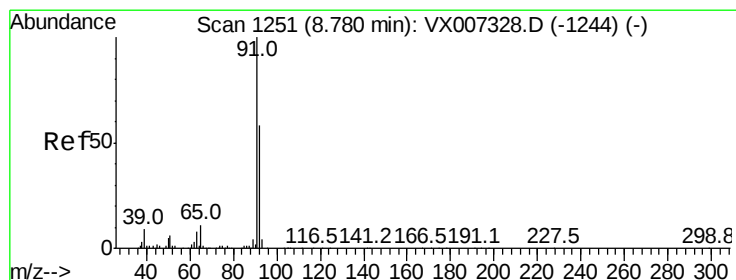
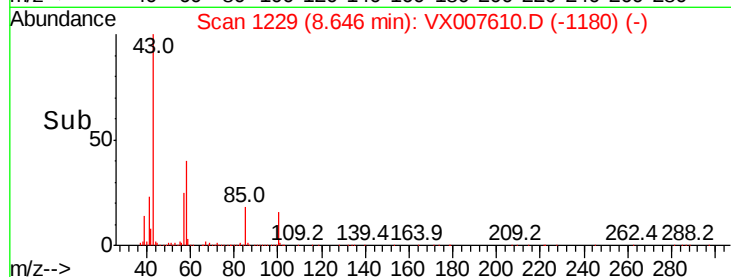
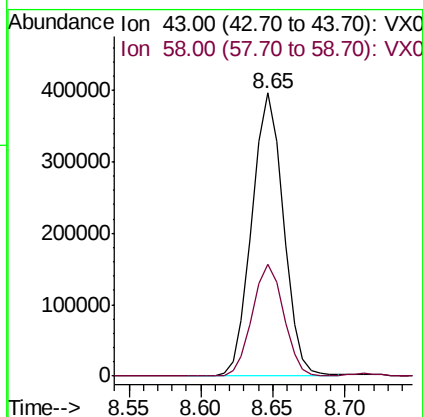
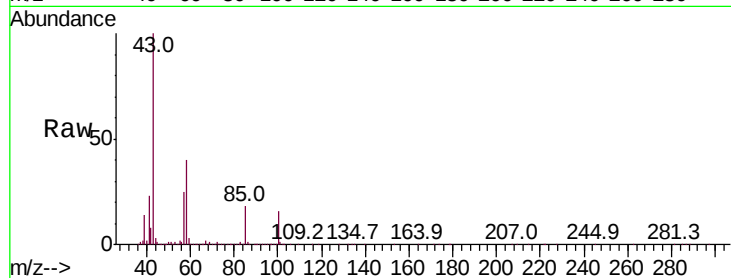




#51
4-Methyl-2-Pentanone
Concen: 106.790 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

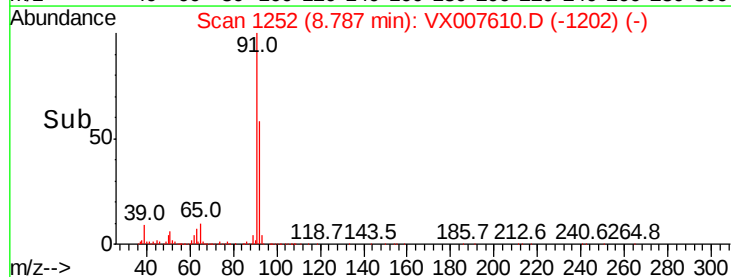
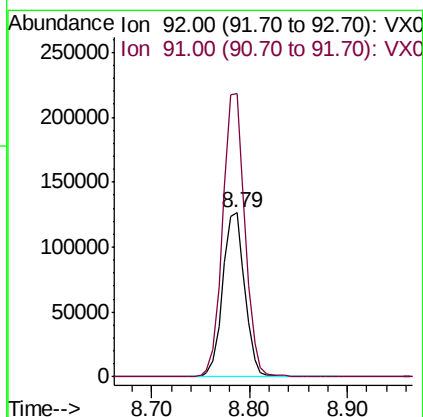
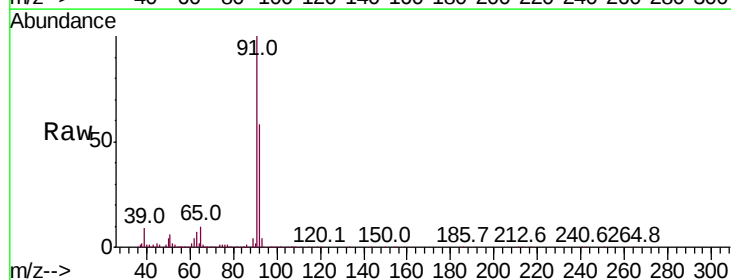
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

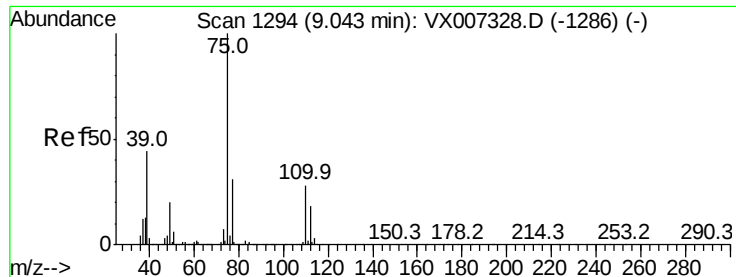
Tot Ion: 43 Resp: 600158
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8



#52
Toluene
Concen: 19.099 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 92 Resp: 198603
Ion Ratio Lower Upper
92 100
91 173.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.012 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

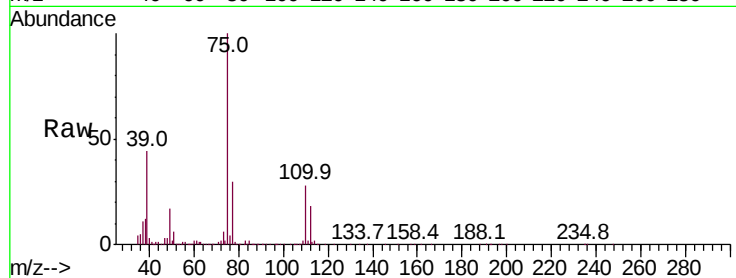
VX0219WBSD01

Tot Ion: 75 Resp: 101581

Ion Ratio Lower Upper

75 100

77 30.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

60000

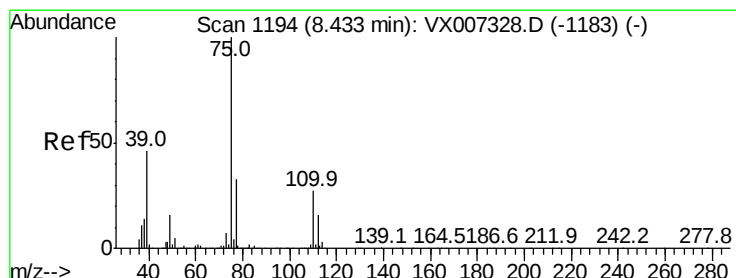
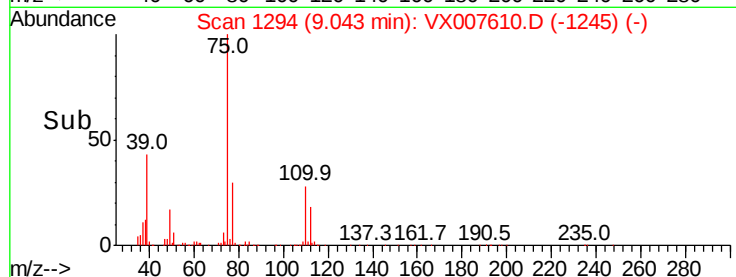
40000

20000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.675 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

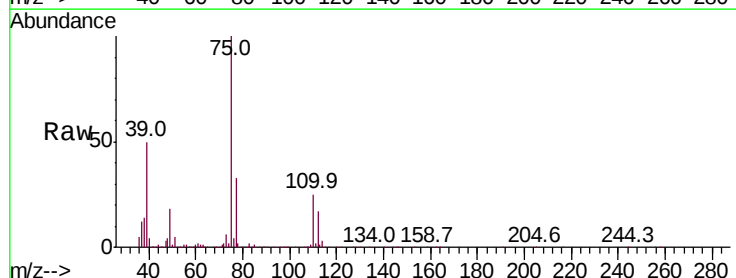
Tgt Ion: 75 Resp: 115606

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.4

39 50.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

80000

60000

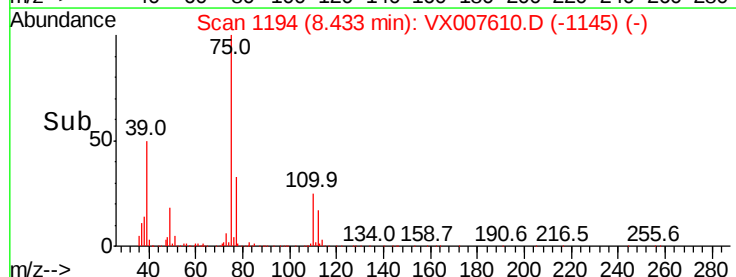
40000

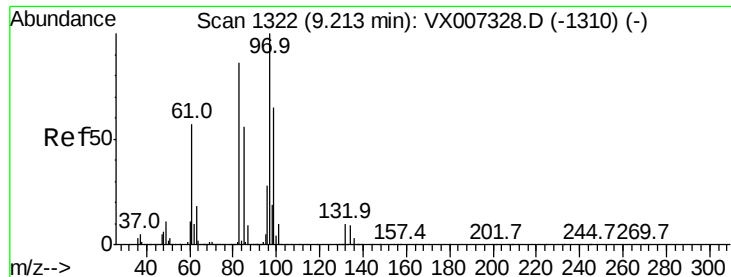
20000

0

8.35 8.40 8.45 8.50 8.55

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.092 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

Tot Ion: 97 Resp: 87090

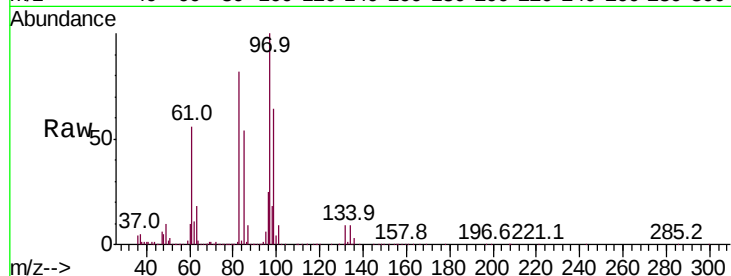
Ion Ratio Lower Upper

97 100

83 82.3 68.6 102.8

85 54.1 44.5 66.7

99 64.3 52.2 78.4

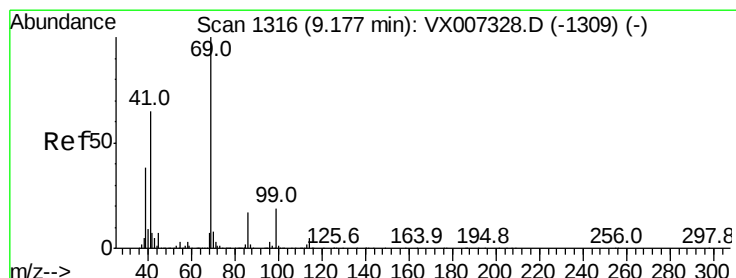
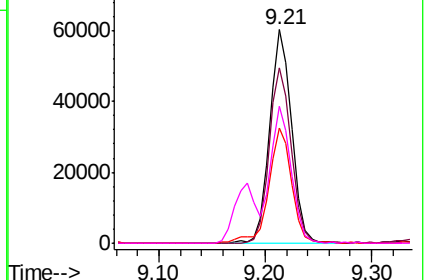
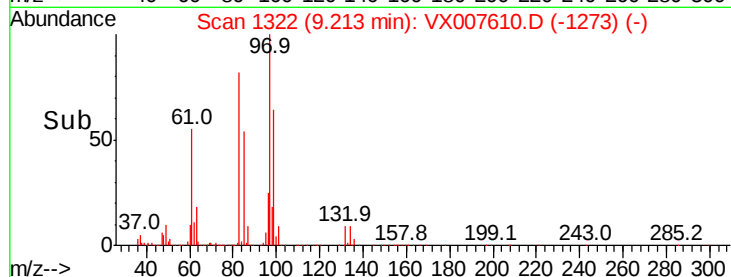


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.711 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

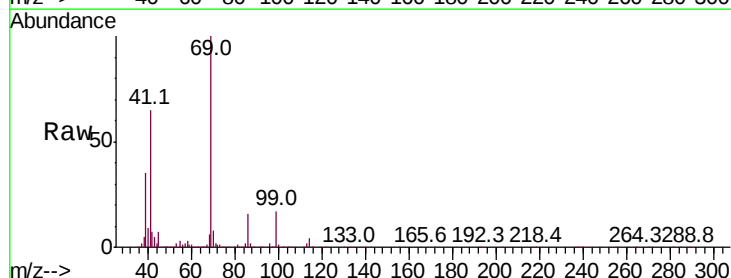
Tgt Ion: 69 Resp: 118332

Ion Ratio Lower Upper

69 100

41 64.6 52.1 78.1

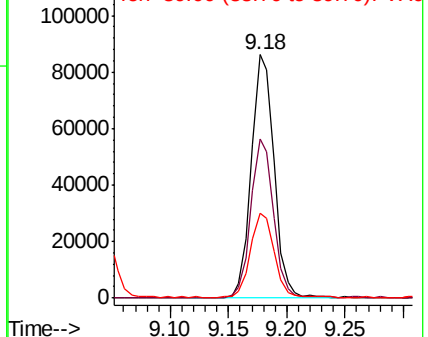
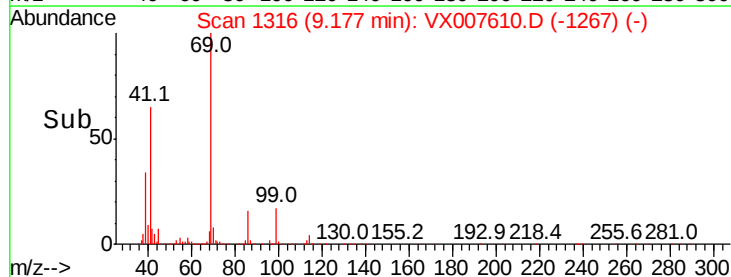
39 36.0 30.1 45.1

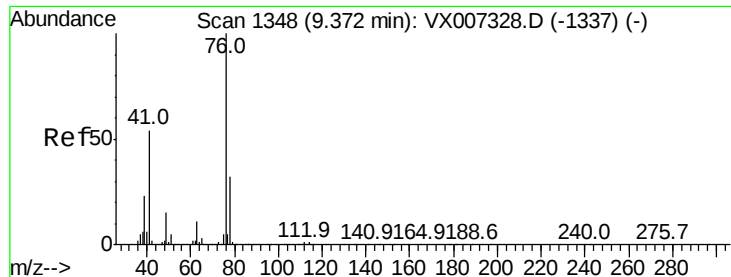


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.972 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

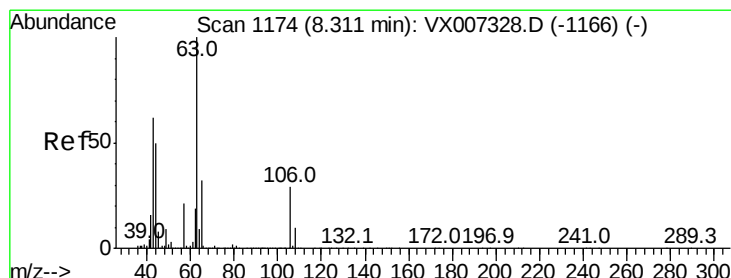
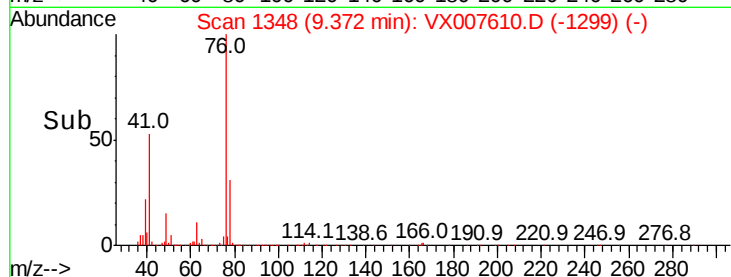
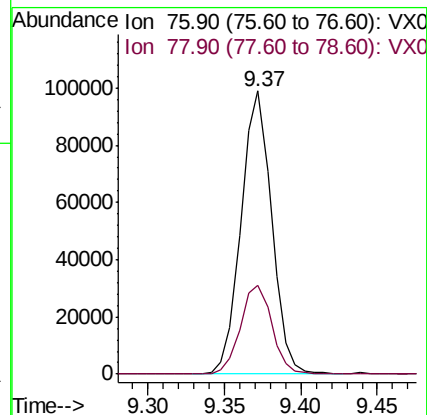
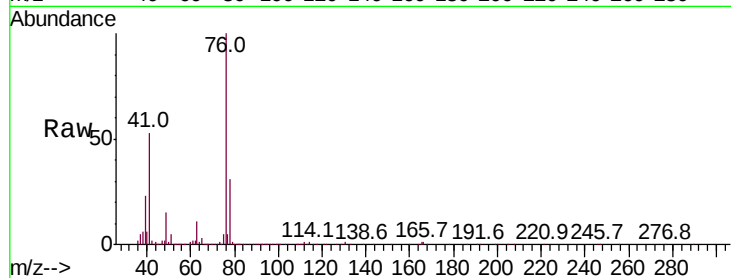
VX0219WBSD01

Tot Ion: 76 Resp: 137673

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.758 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007610.D

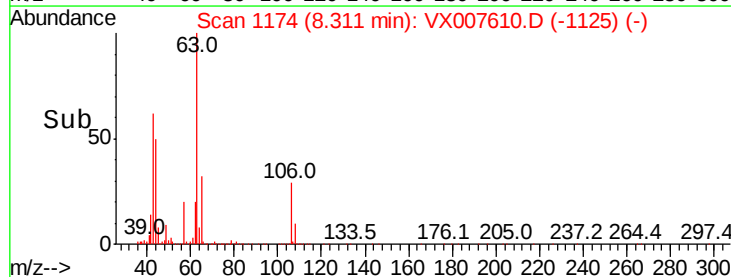
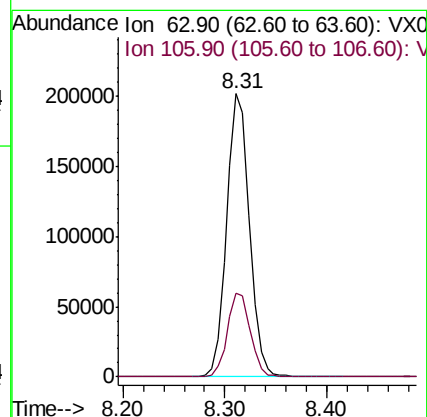
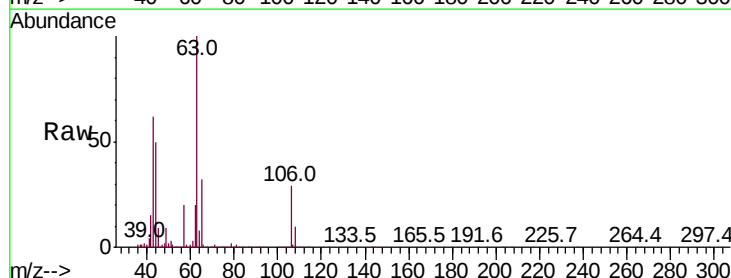
Acq: 19 Feb 2019 13:50

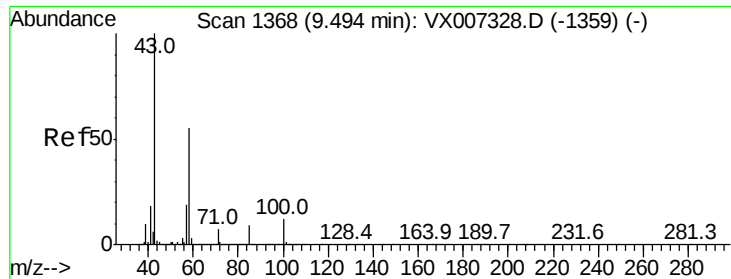
Tgt Ion: 63 Resp: 312501

Ion Ratio Lower Upper

63 100

106 30.0 23.6 35.4

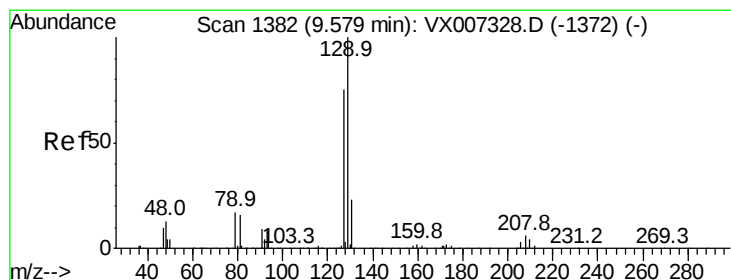
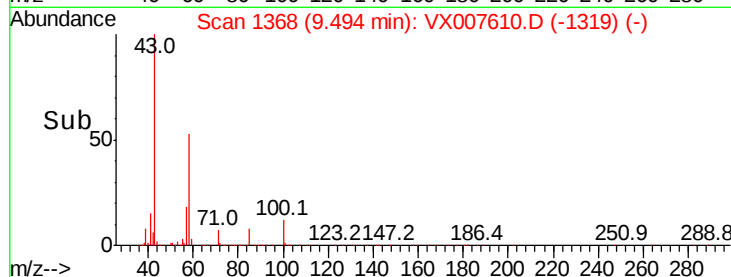
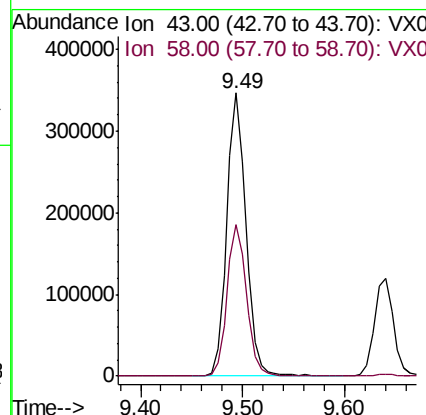
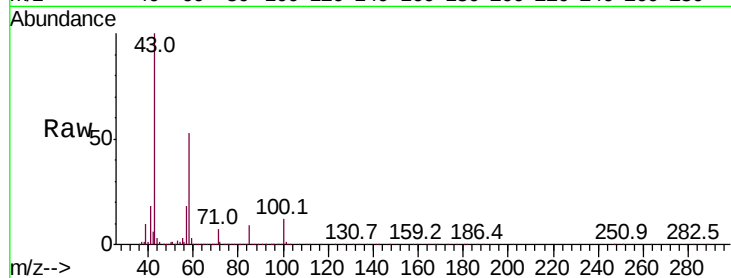




#59
2-Hexanone
Concen: 103.721 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

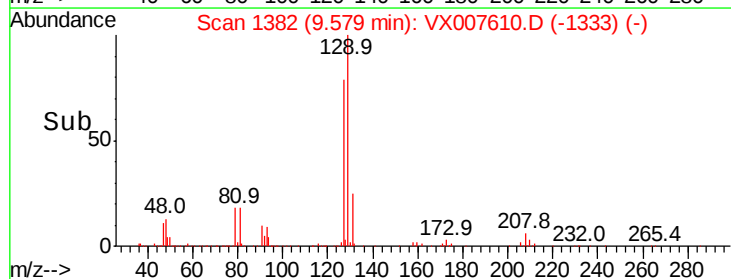
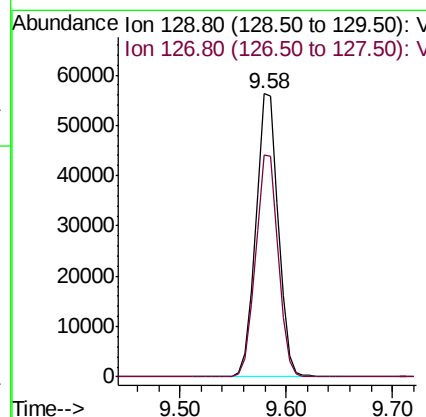
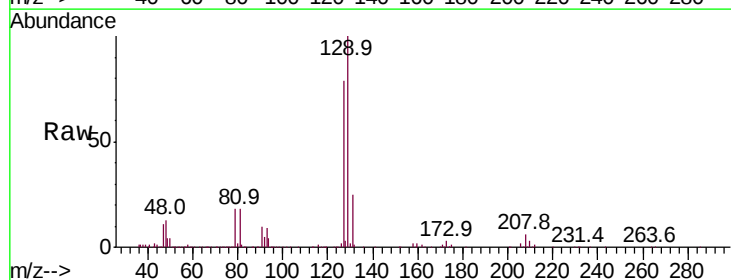
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

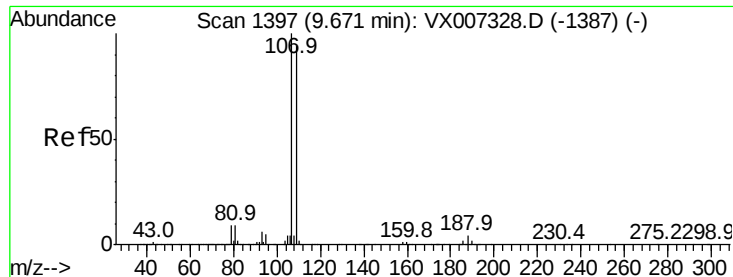
Tot Ion: 43 Resp: 453602
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 20.362 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion: 129 Resp: 83476
Ion Ratio Lower Upper
129 100
127 79.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

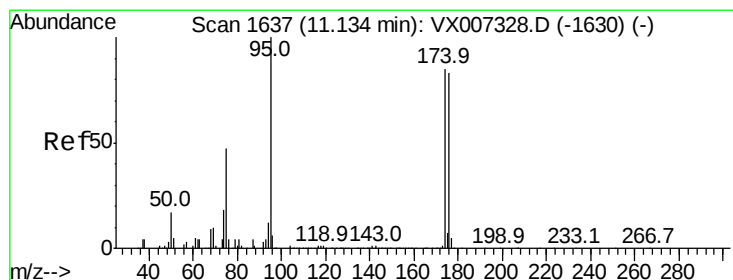
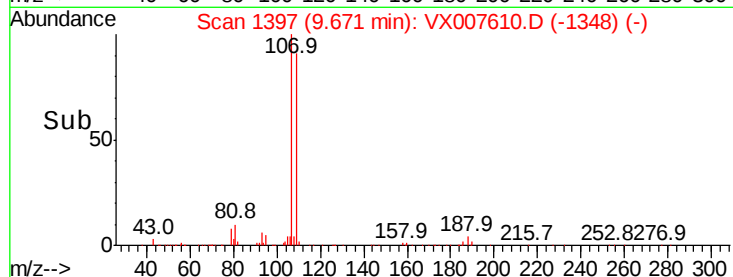
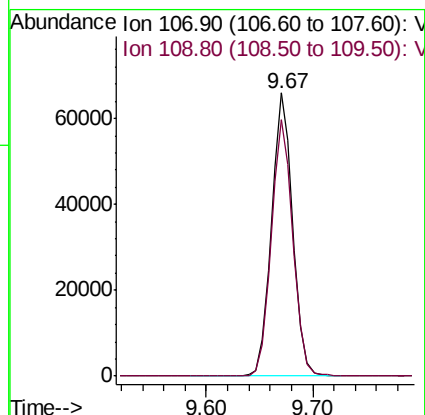
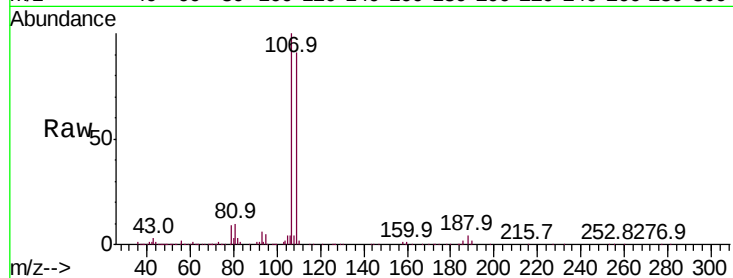
VX0219WBSD01

Tot Ion:107 Resp: 91691

Ion Ratio Lower Upper

107 100

109 91.7 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 46.206 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

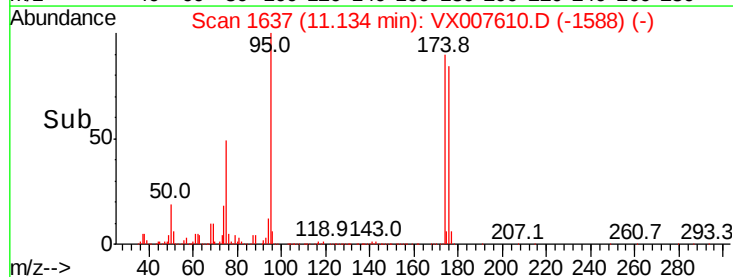
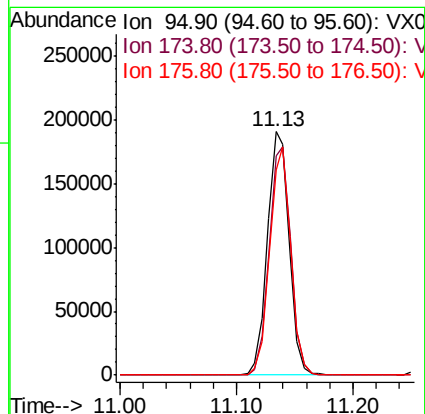
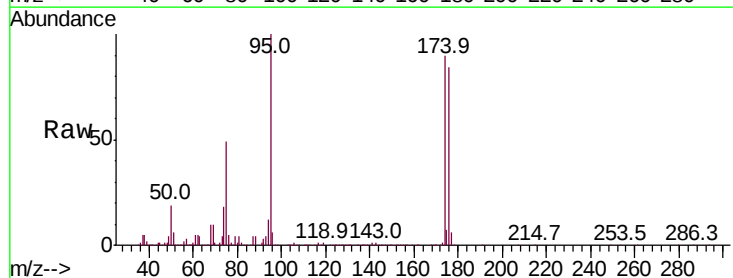
Tgt Ion: 95 Resp: 248345

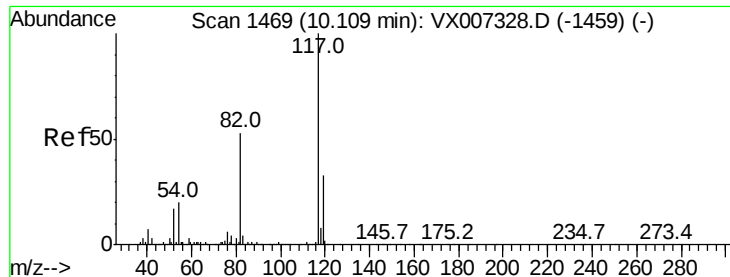
Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

176 90.5 0.0 186.2

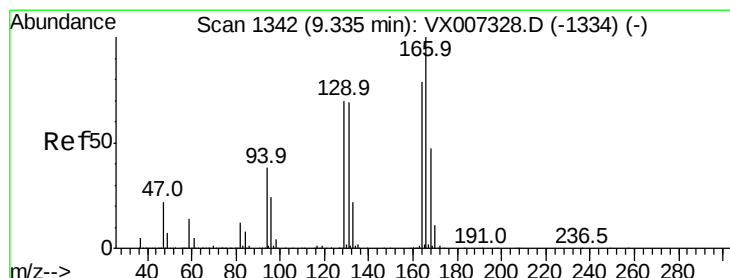
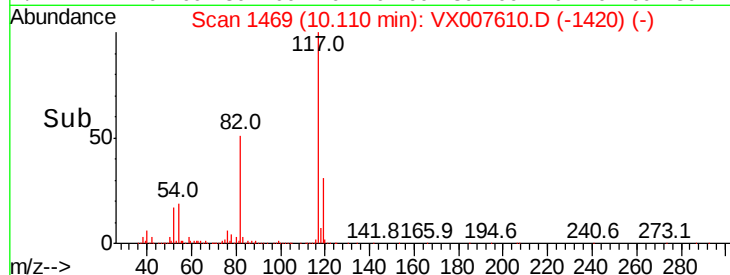
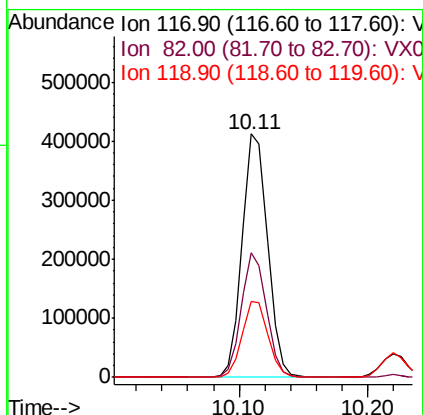
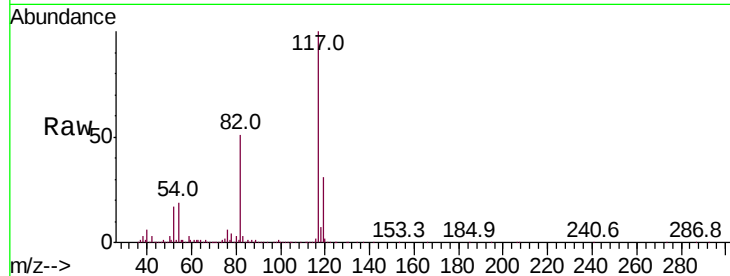




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

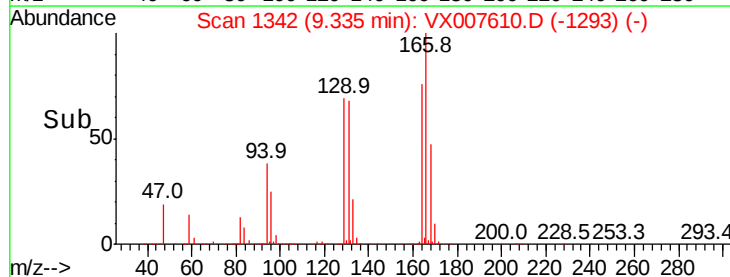
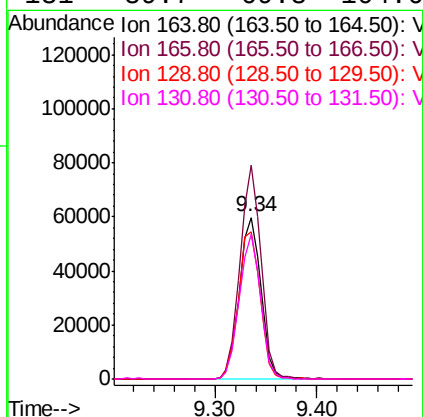
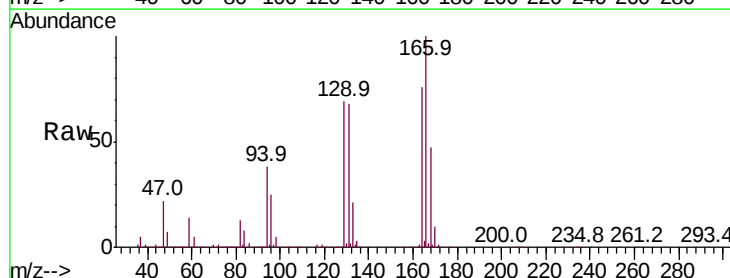
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

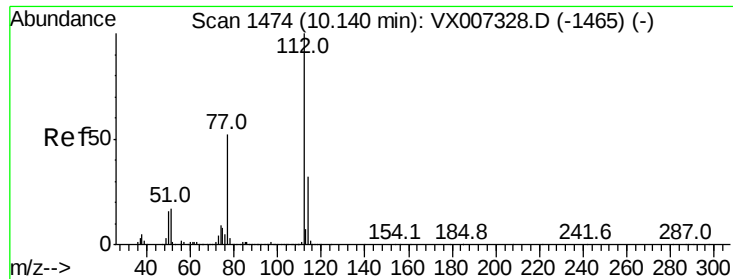
Tot Ion:117 Resp: 563968
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 31.3 26.5 39.7



#64
Tetrachloroethene
Concen: 16.402 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion:164 Resp: 87184
Ion Ratio Lower Upper
164 100
166 132.1 101.0 151.4
129 91.4 70.5 105.7
131 89.7 69.8 104.6

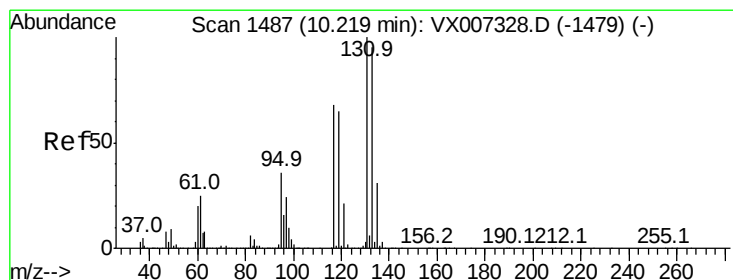
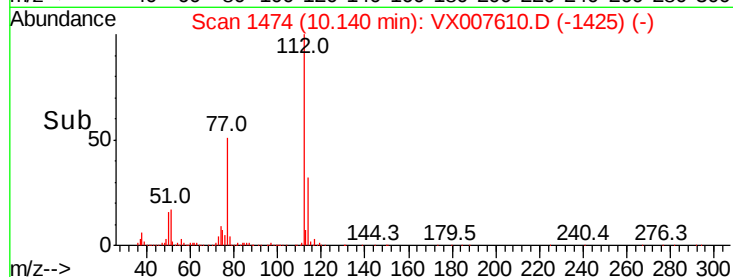
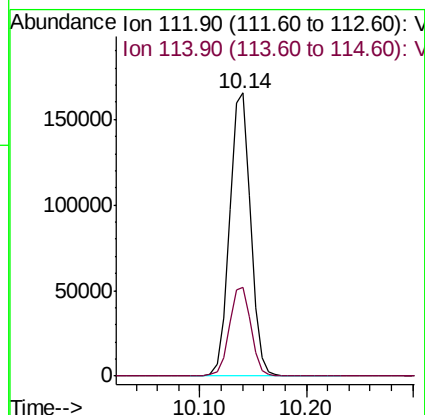
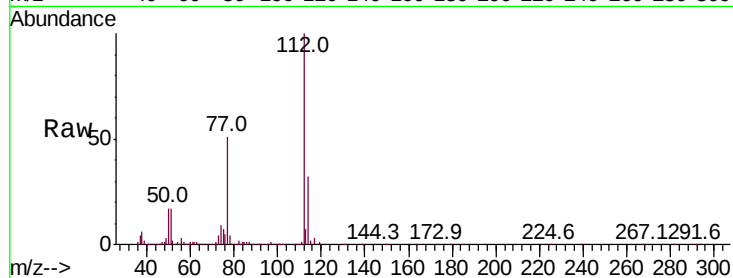




#65
Chlorobenzene
Concen: 18.664 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

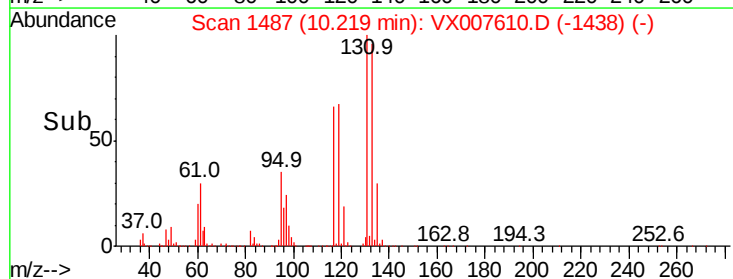
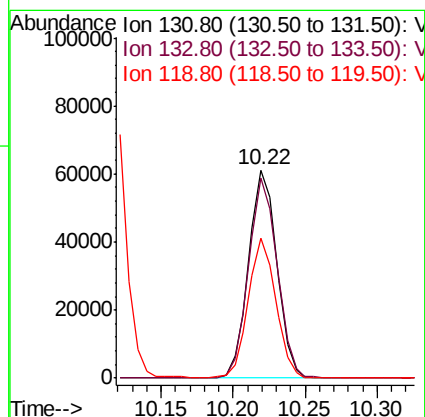
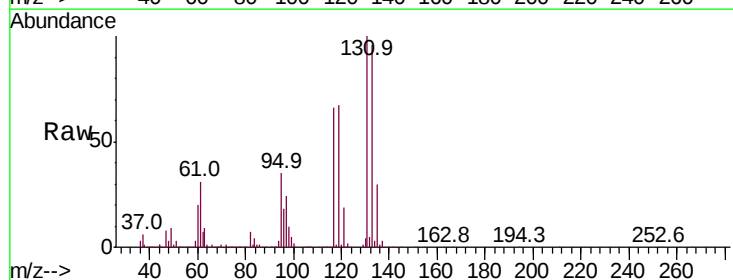
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

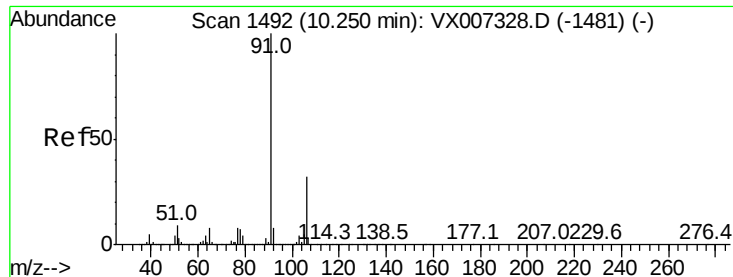
Tot Ion:112 Resp: 229700
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.051 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion:131 Resp: 82731
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.2
119 65.8 32.0 96.0





#67

Ethyl Benzene

Concen: 18.797 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

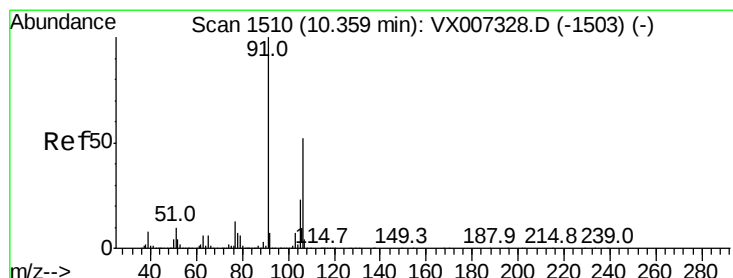
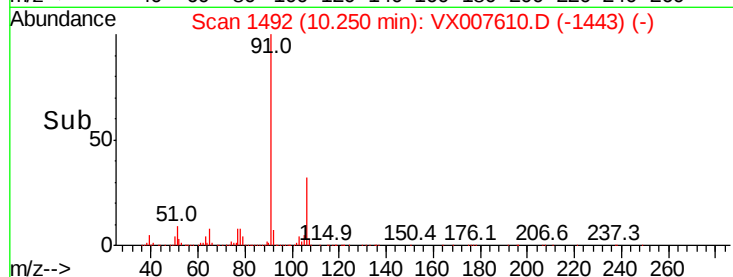
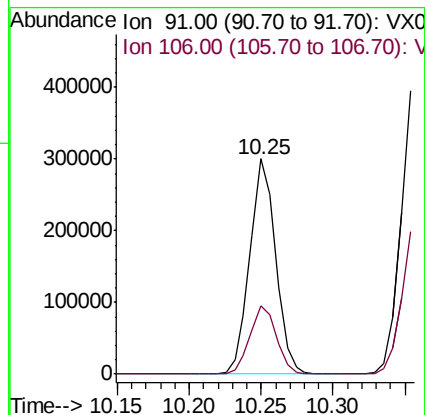
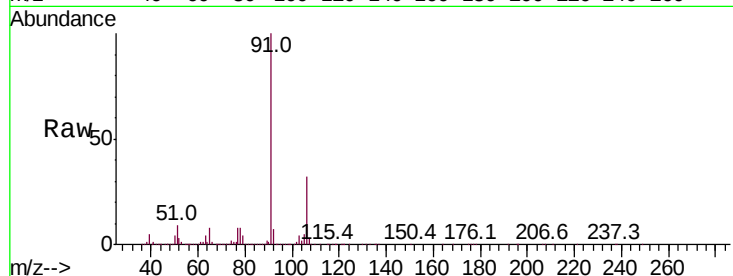
VX0219WBSD01

Tot Ion: 91 Resp: 372525

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 36.622 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007610.D

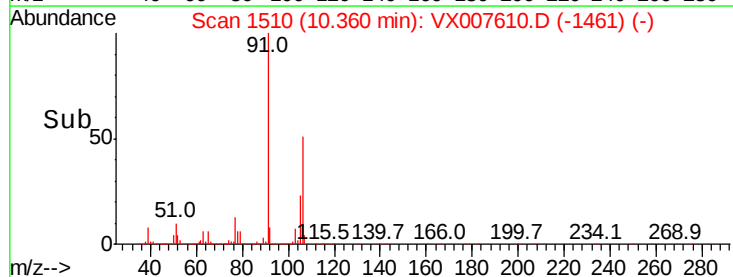
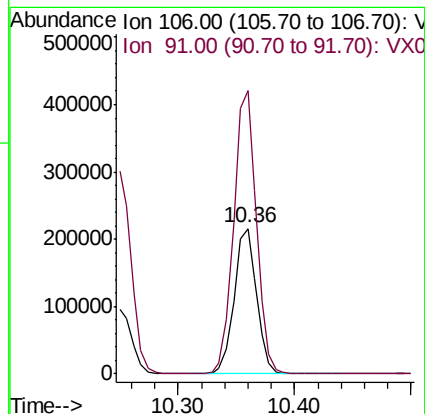
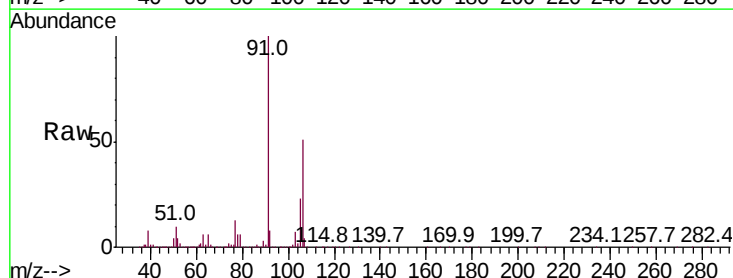
Acq: 19 Feb 2019 13:50

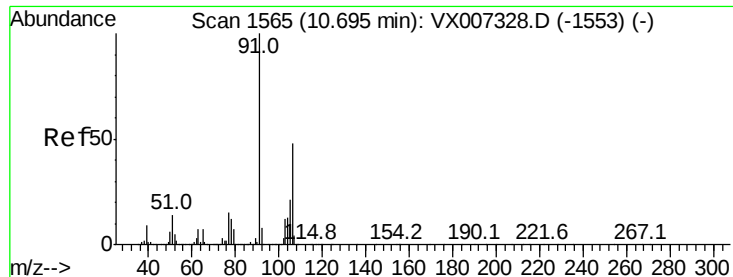
Tgt Ion: 106 Resp: 288518

Ion Ratio Lower Upper

106 100

91 197.7 156.6 234.8

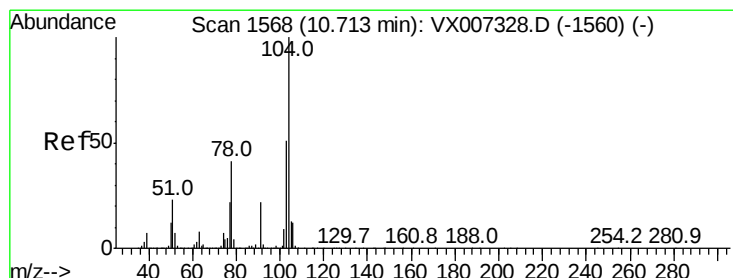
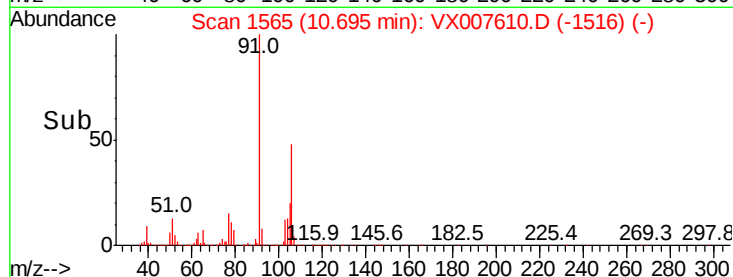
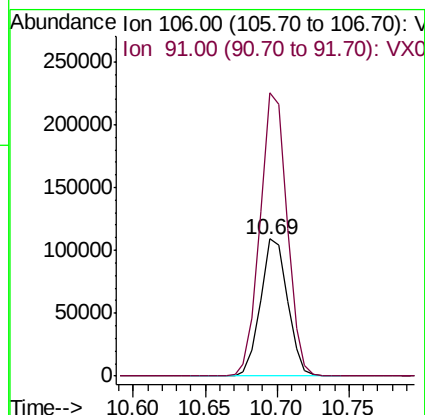
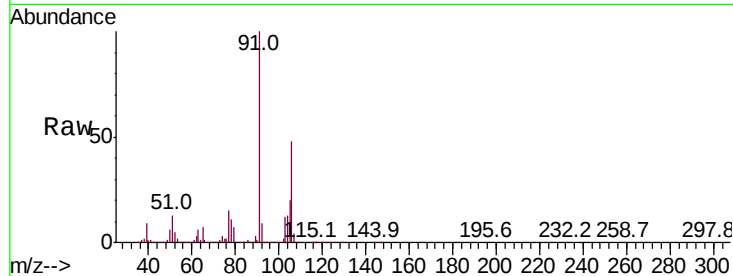




#69
o-Xylene
Concen: 18.669 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

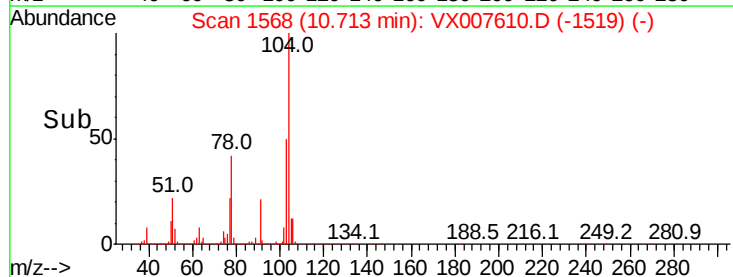
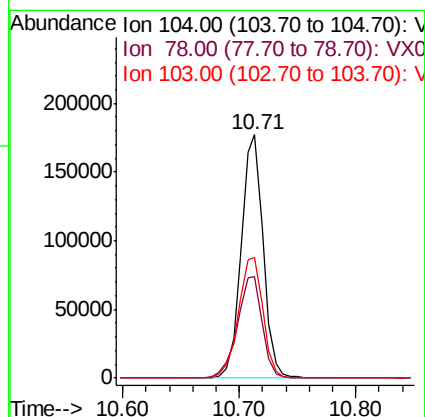
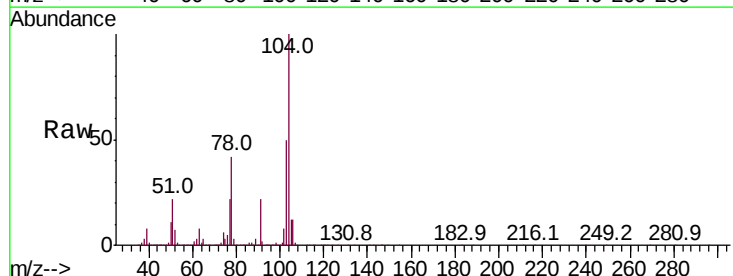
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

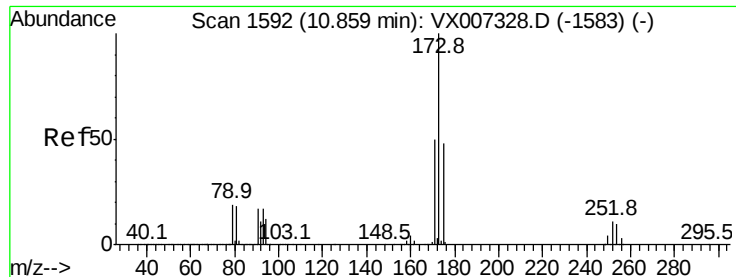
Tot Ion:106 Resp: 141524
Ion Ratio Lower Upper
106 100
91 206.0 102.9 308.7



#70
Styrene
Concen: 18.948 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion:104 Resp: 232952
Ion Ratio Lower Upper
104 100
78 47.2 38.3 57.5
103 55.8 44.6 67.0





#71

Bromoform

Concen: 19.810 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

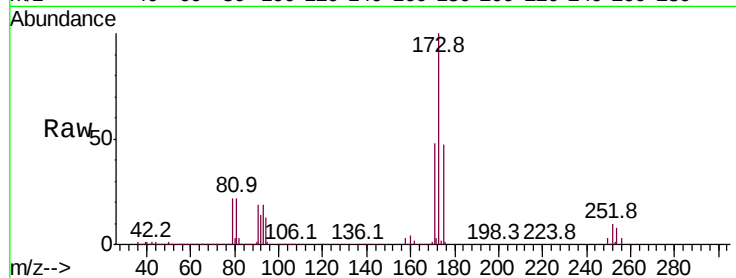
Tot Ion:173 Resp: 62115

Ion Ratio Lower Upper

173 100

175 49.8 24.2 72.6

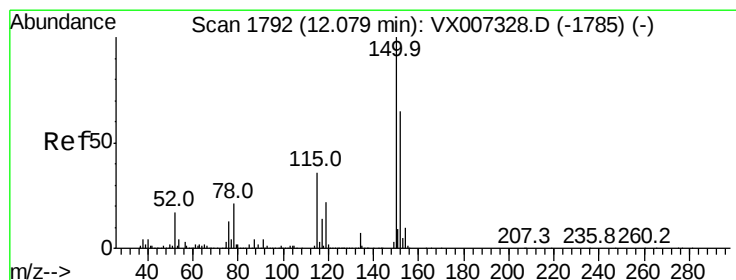
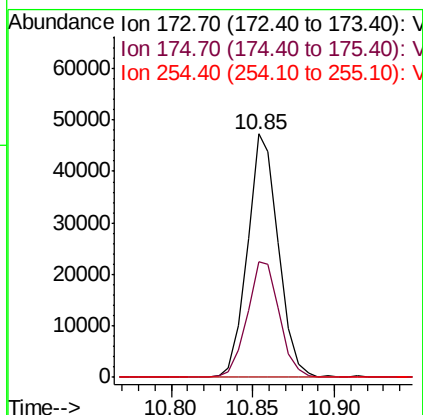
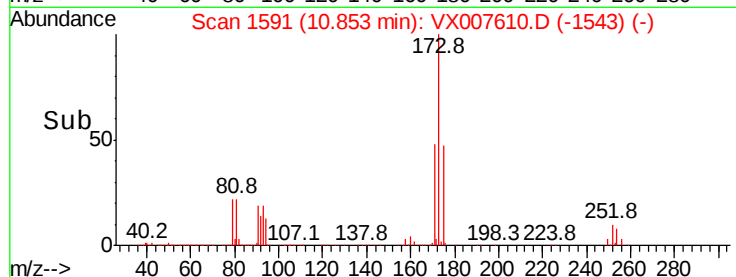
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

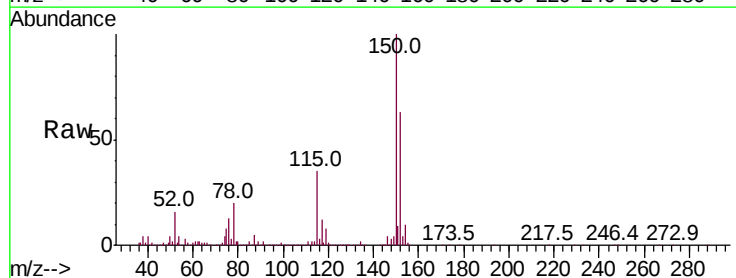
Tgt Ion:152 Resp: 280804

Ion Ratio Lower Upper

152 100

115 64.4 38.0 114.0

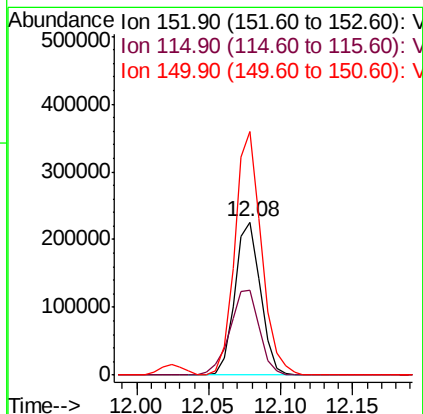
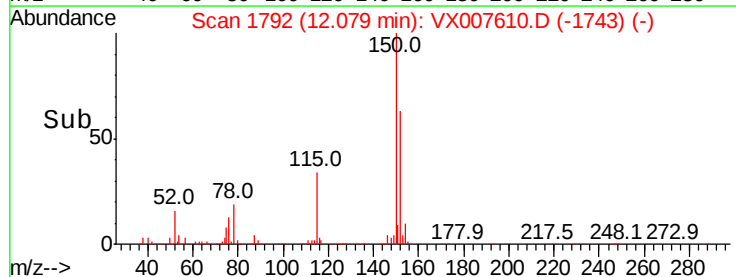
150 164.1 0.0 346.4

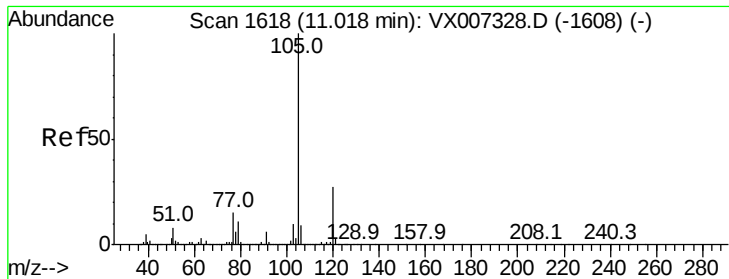


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.826 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

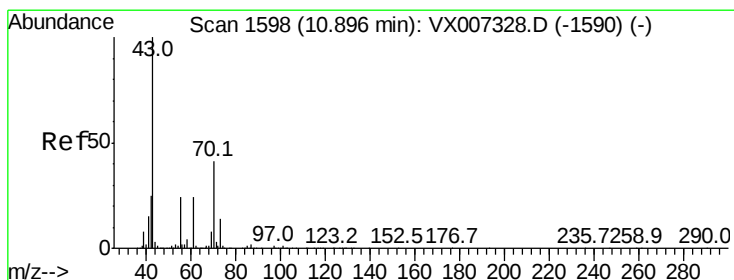
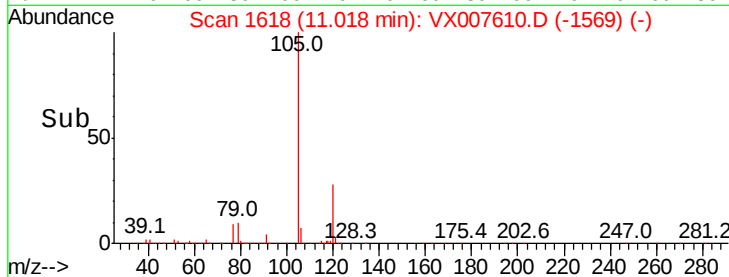
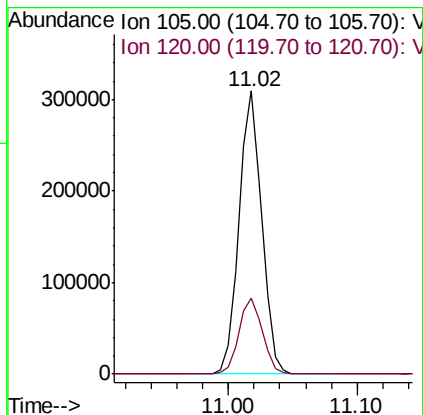
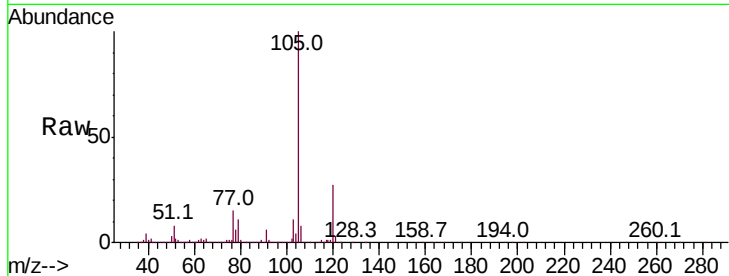
VX0219WBSD01

Tot Ion:105 Resp: 378321

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7



#74

N-ethyl acetate

Concen: 20.705 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Tgt Ion: 43 Resp: 152819

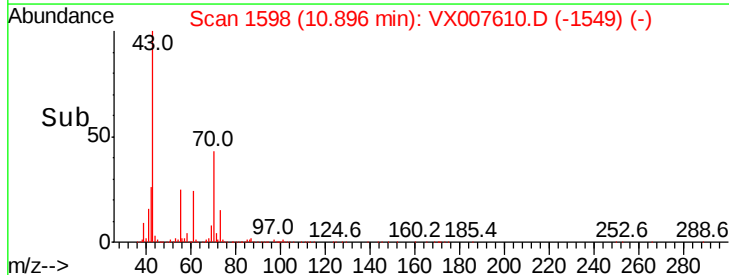
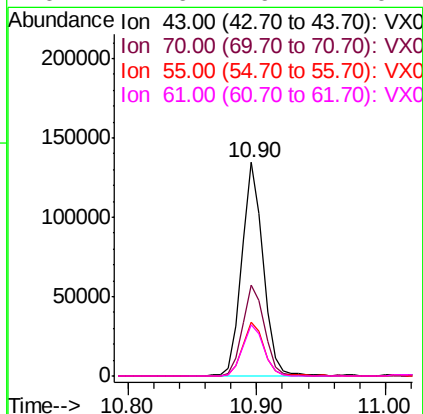
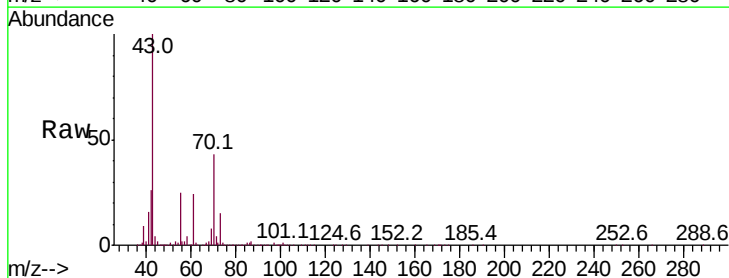
Ion Ratio Lower Upper

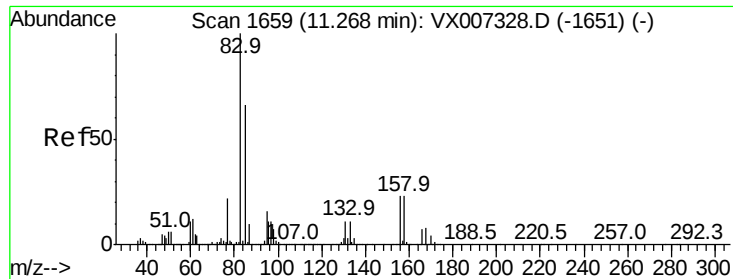
43 100

70 43.6 33.8 50.6

55 25.9 19.5 29.3

61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.952 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

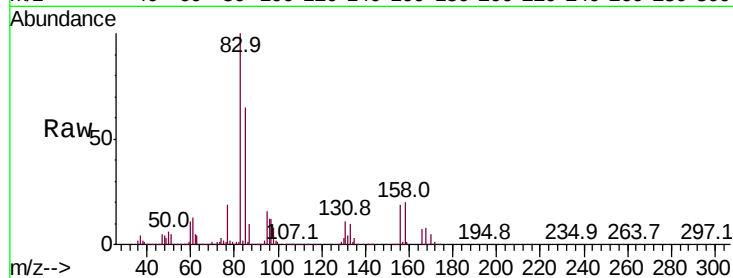
Tot Ion: 83 Resp: 127663

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

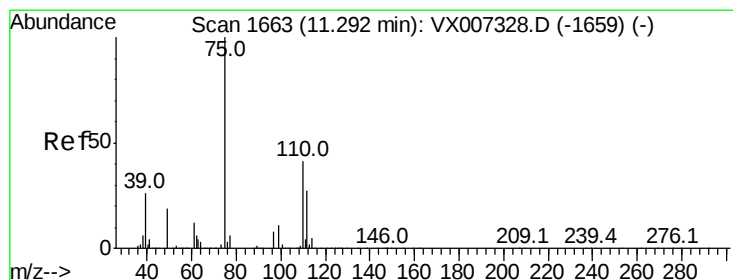
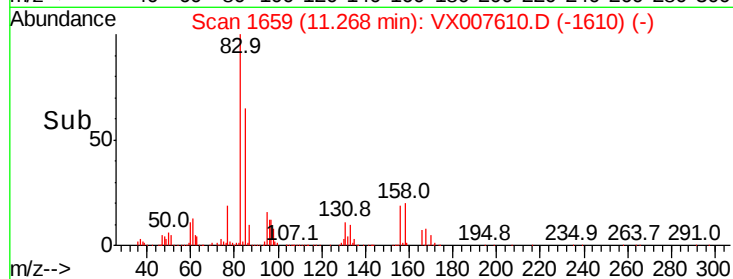
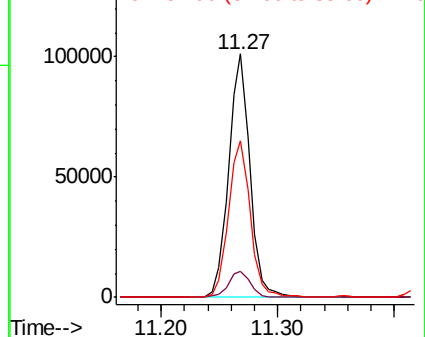
85 66.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.345 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007610.D

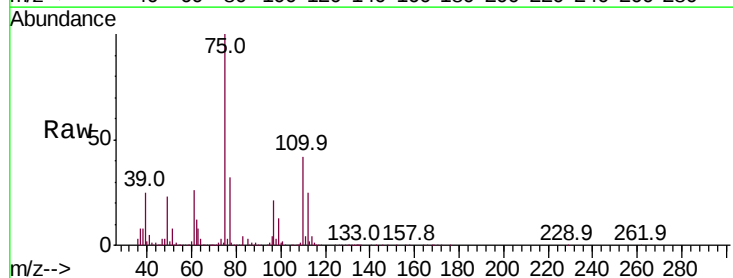
Acq: 19 Feb 2019 13:50

Tgt Ion: 75 Resp: 138435

Ion Ratio Lower Upper

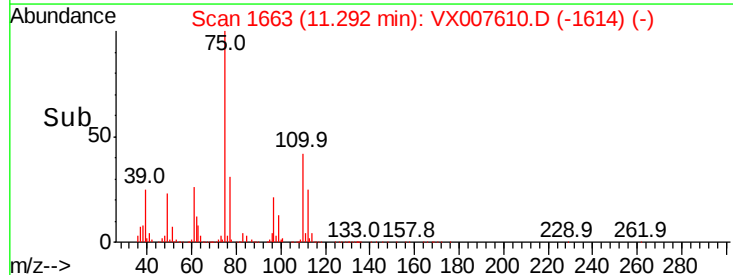
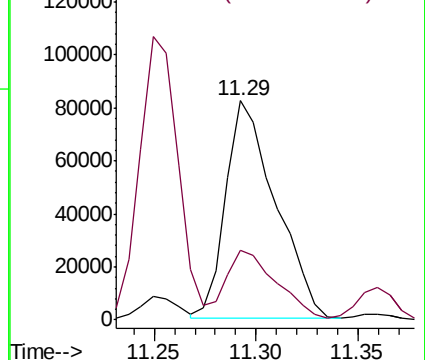
75 100

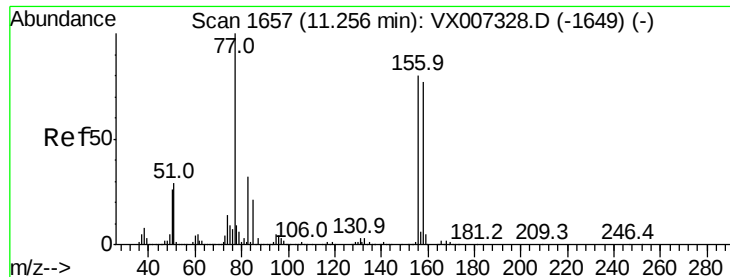
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.417 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

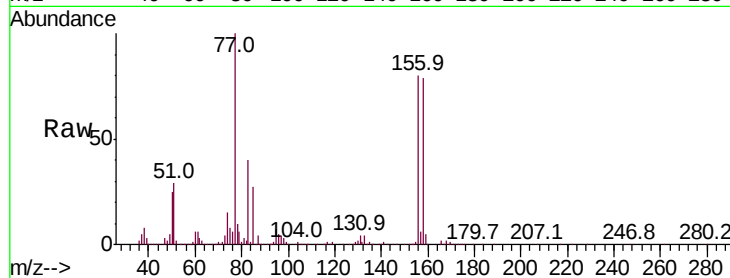
Tot Ion:156 Resp: 104395

Ion Ratio Lower Upper

156 100

77 134.0 66.8 200.6

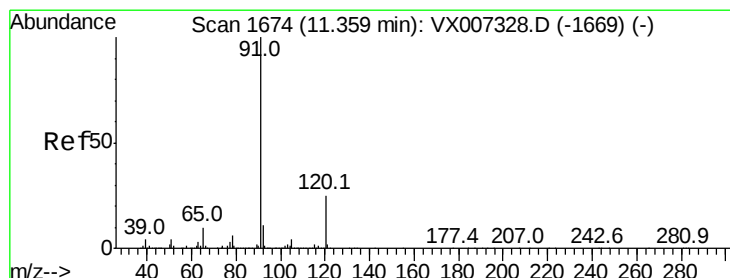
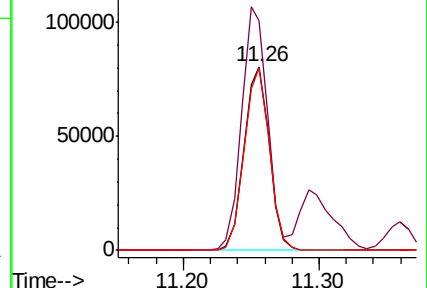
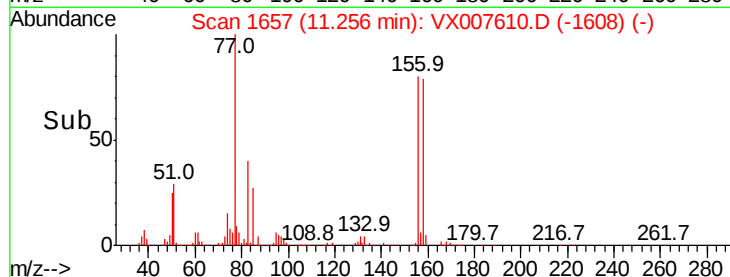
158 98.1 47.9 143.8



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: 20.021 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007610.D

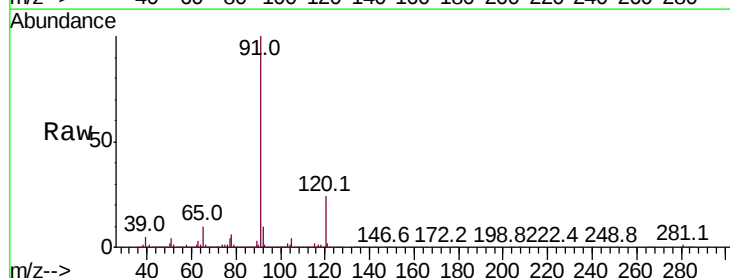
Acq: 19 Feb 2019 13:50

Tgt Ion: 91 Resp: 418943

Ion Ratio Lower Upper

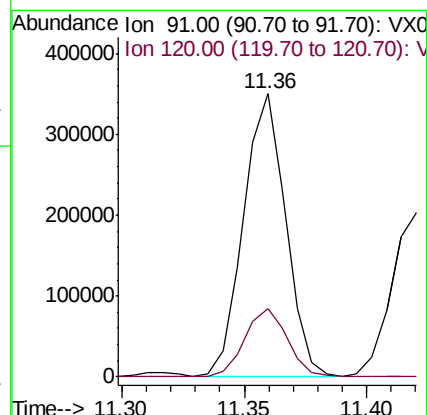
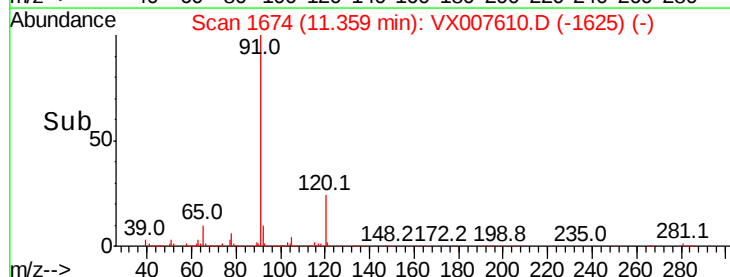
91 100

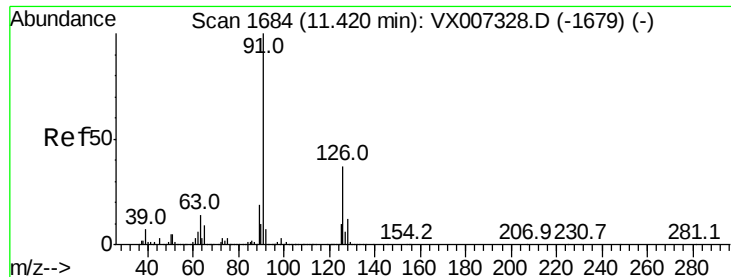
120 24.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.909 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

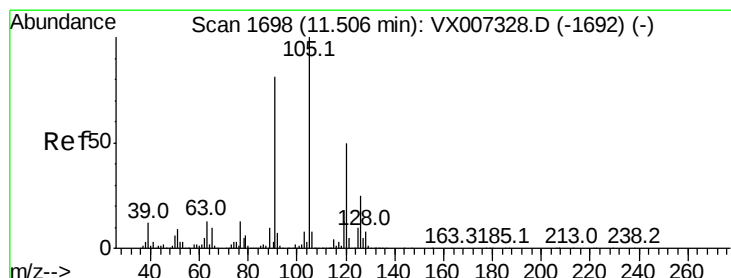
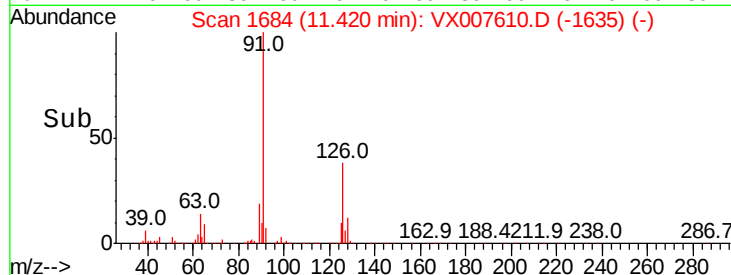
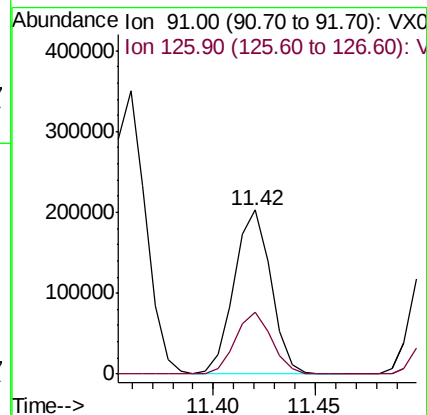
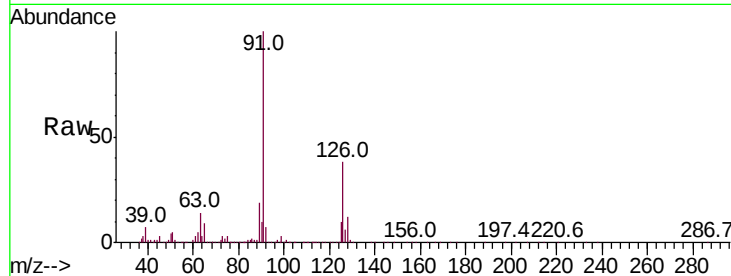
VX0219WBSD01

Tot Ion: 91 Resp: 252773

Ion Ratio Lower Upper

91 100

126 37.4 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.743 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007610.D

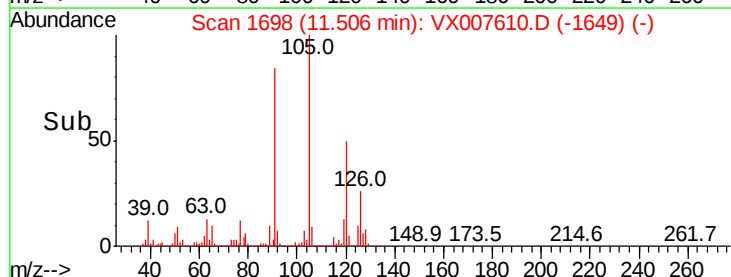
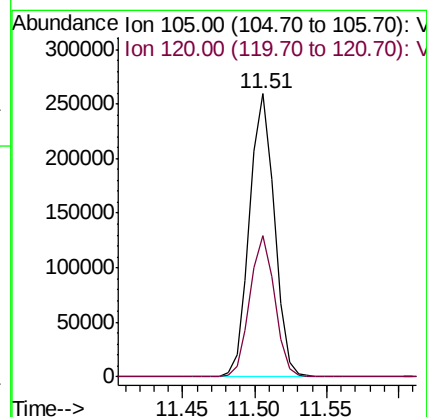
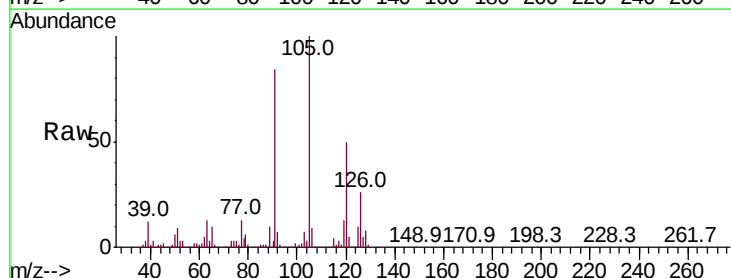
Acq: 19 Feb 2019 13:50

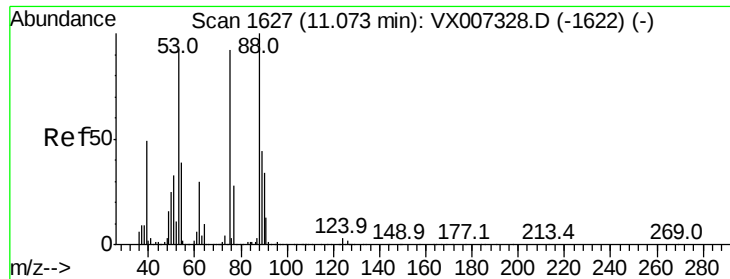
Tgt Ion: 105 Resp: 308218

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.513 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

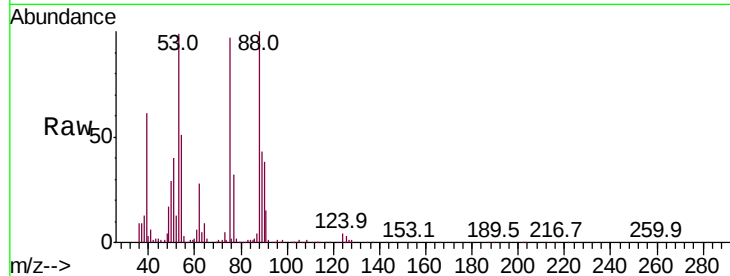
Tot Ion: 75 Resp: 31434

Ion Ratio Lower Upper

75 100

53 105.4 81.0 121.6

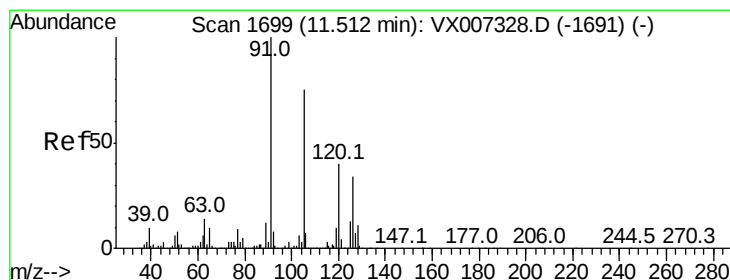
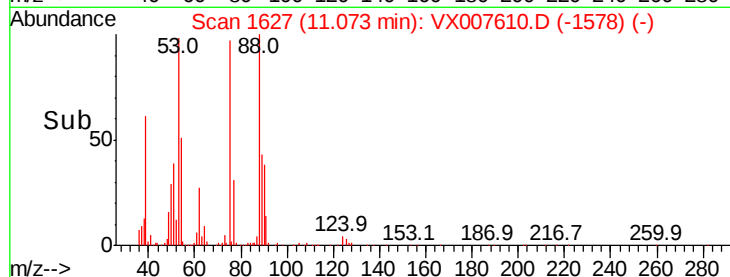
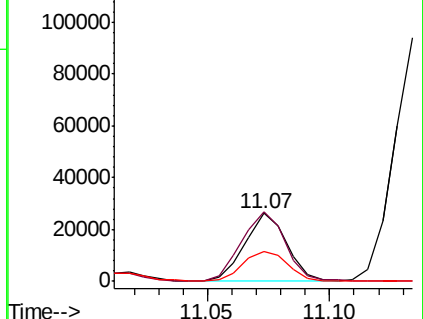
89 47.8 41.4 62.0



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: 19.404 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007610.D

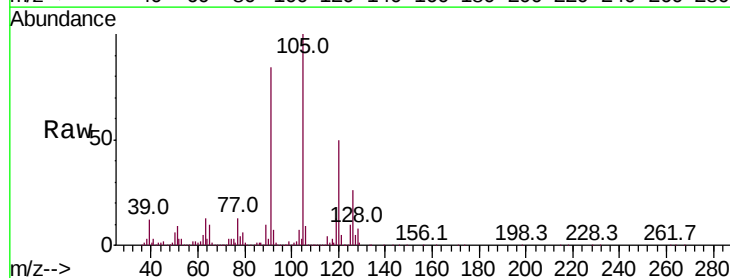
Acq: 19 Feb 2019 13:50

Tgt Ion: 91 Resp: 285067

Ion Ratio Lower Upper

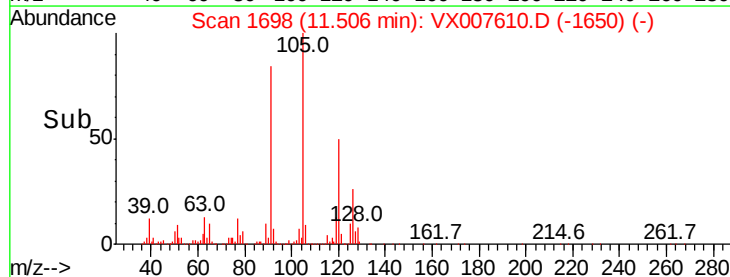
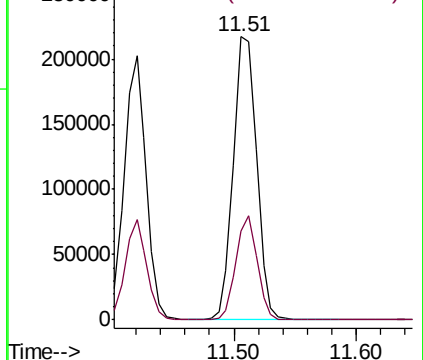
91 100

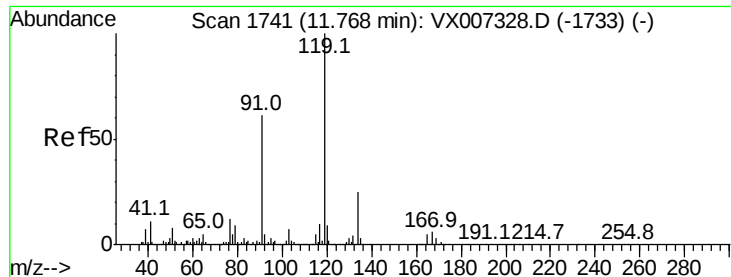
126 33.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.939 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

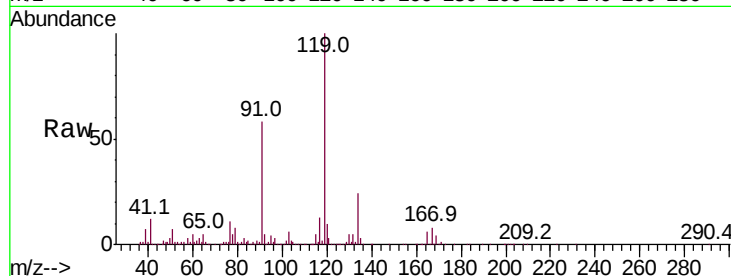
Tot Ion:119 Resp: 308189

Ion Ratio Lower Upper

119 100

91 55.6 28.5 85.6

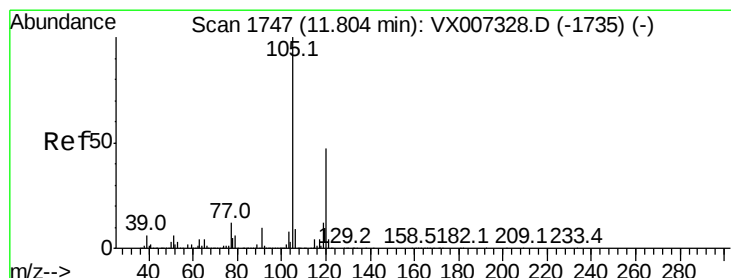
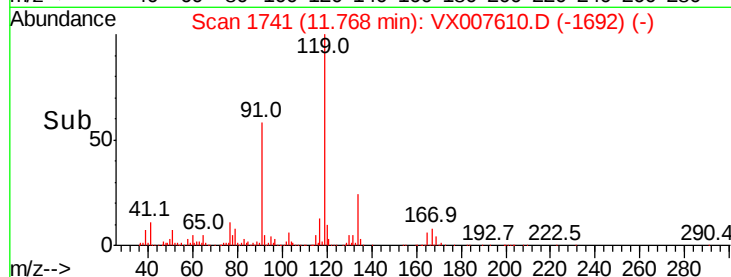
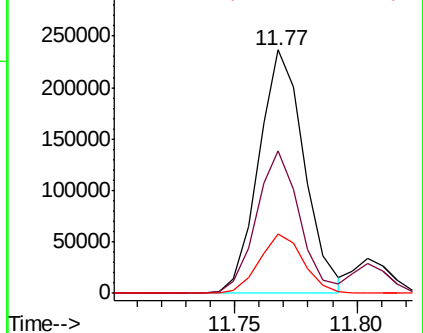
134 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.136 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007610.D

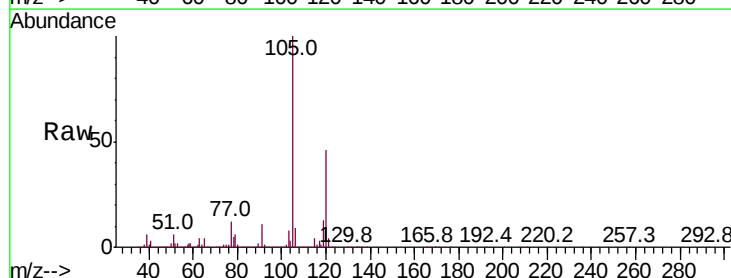
Acq: 19 Feb 2019 13:50

Tgt Ion:105 Resp: 319143

Ion Ratio Lower Upper

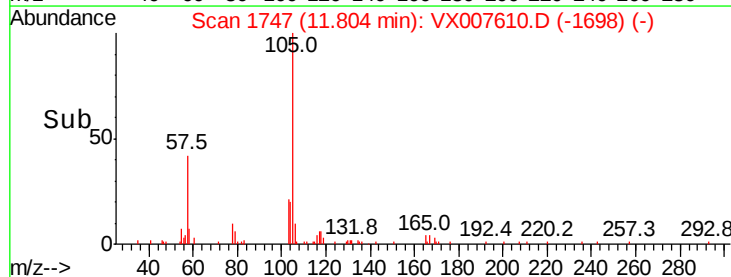
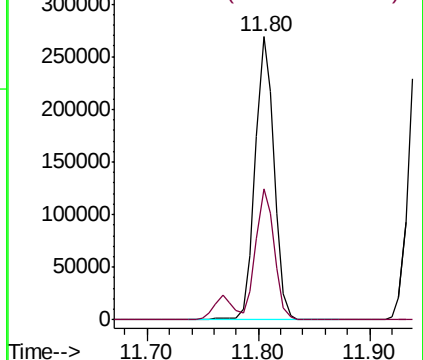
105 100

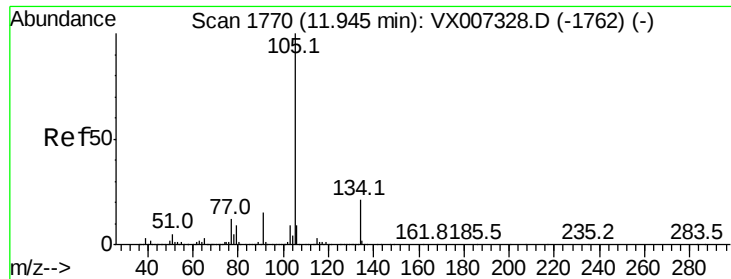
120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.706 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

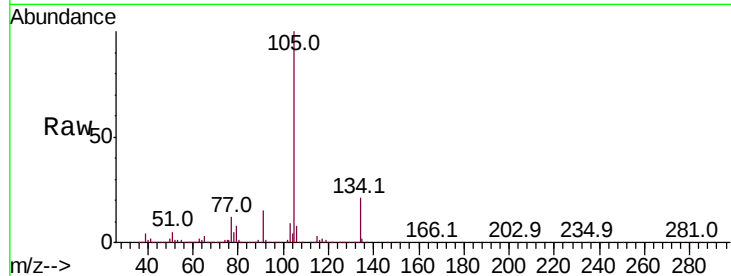
VX0219WBSD01

Tot Ion:105 Resp: 368635

Ion Ratio Lower Upper

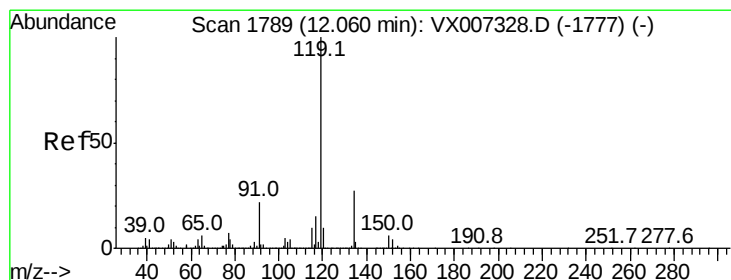
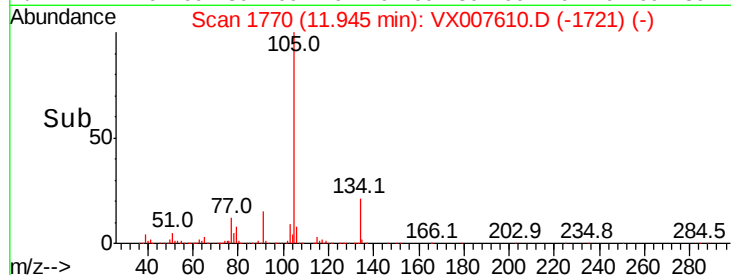
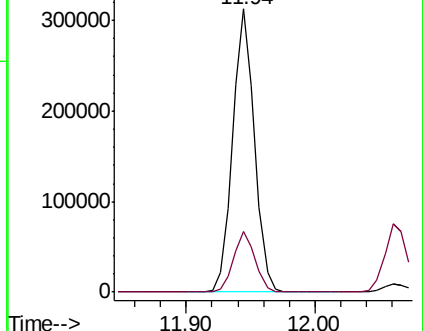
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.464 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

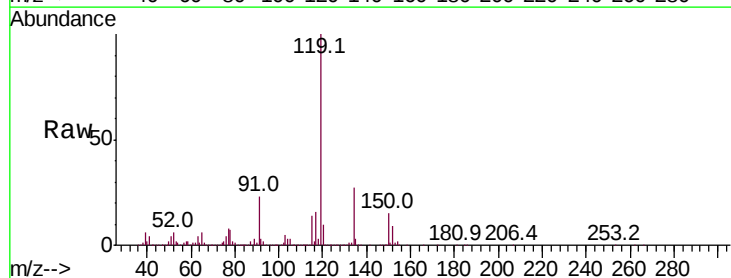
Tgt Ion:119 Resp: 328692

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

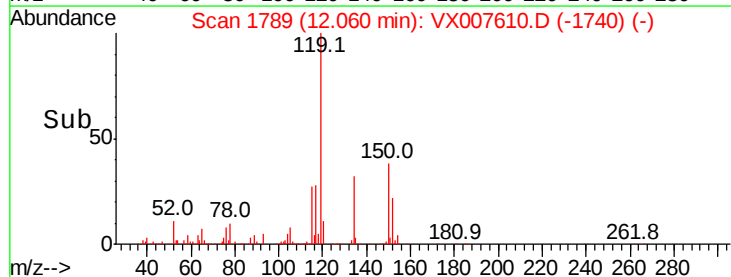
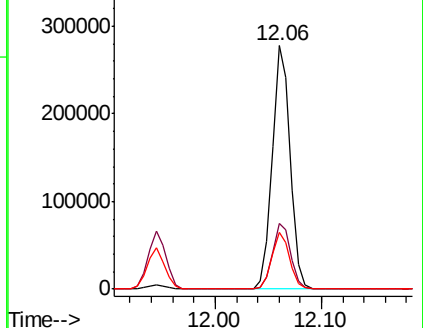
91 23.2 11.2 33.5

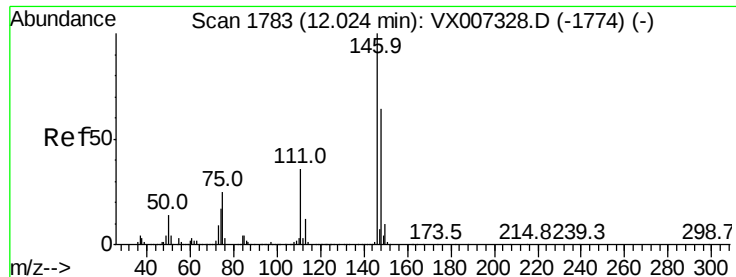


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.724 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

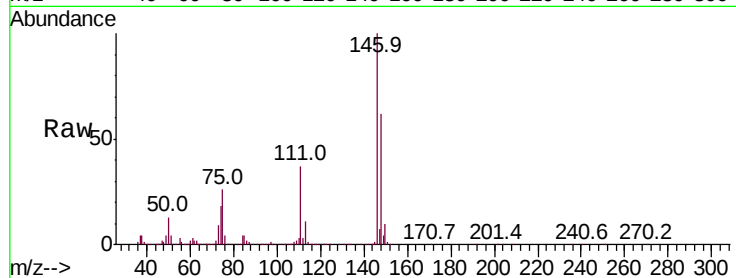
Tot Ion:146 Resp: 180664

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

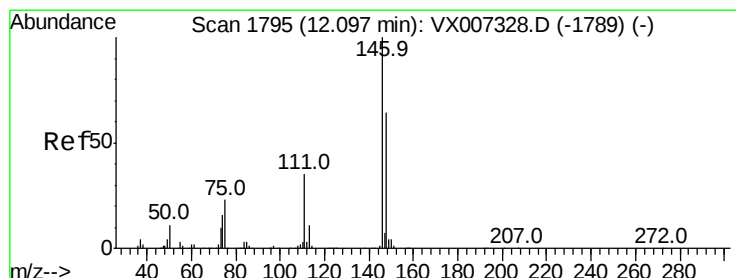
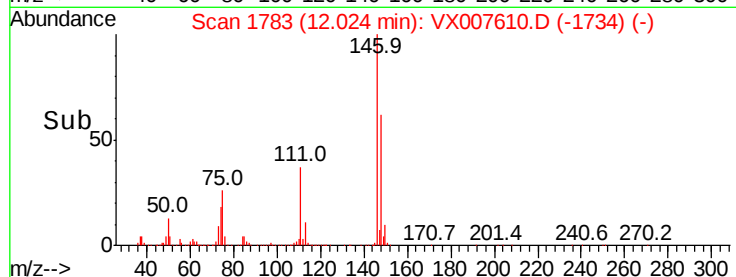
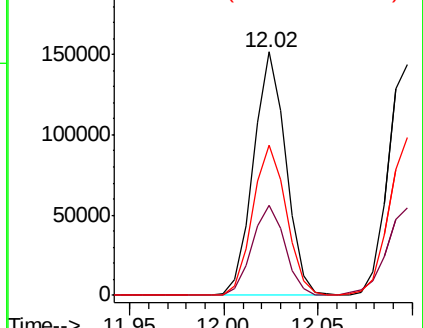
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.665 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

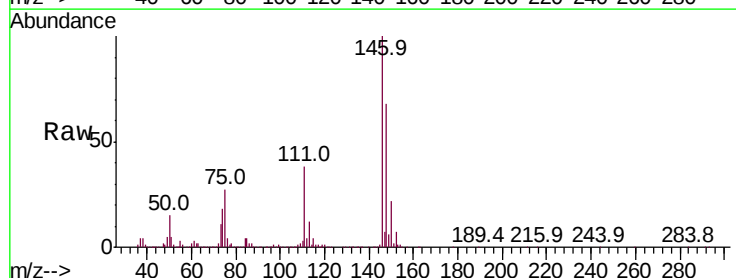
Tgt Ion:146 Resp: 182720

Ion Ratio Lower Upper

146 100

111 37.8 18.1 54.1

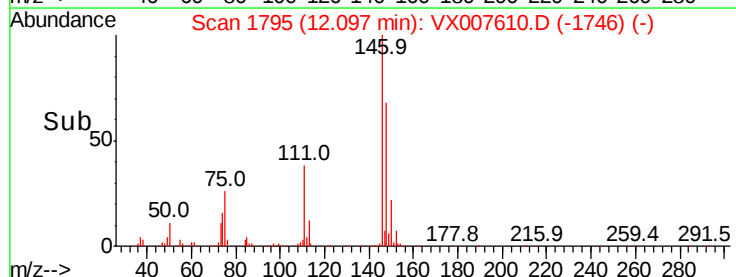
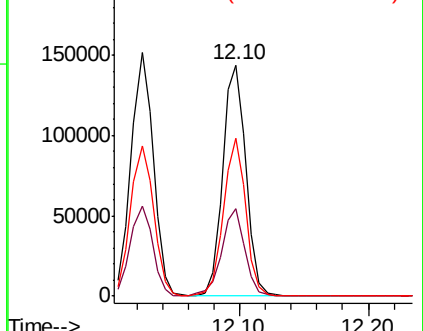
148 65.5 32.3 96.9

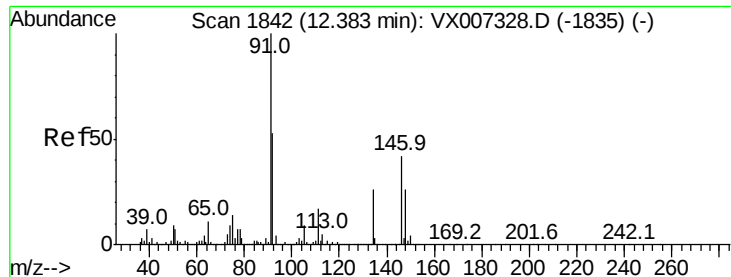


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

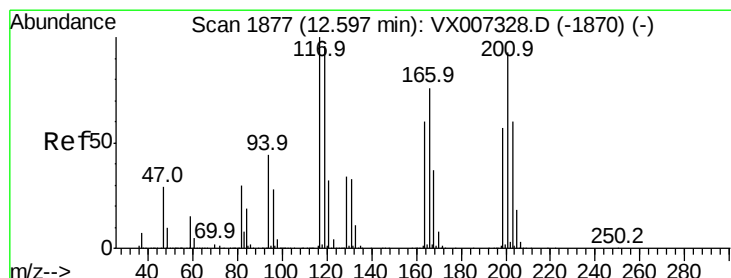
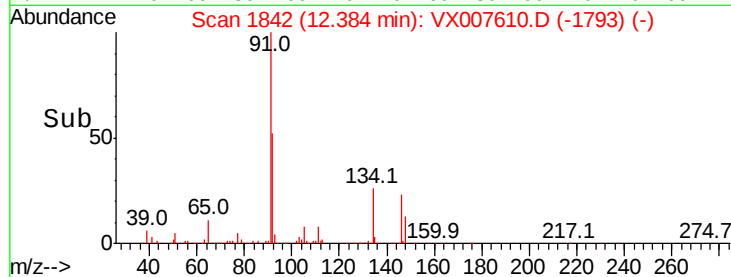
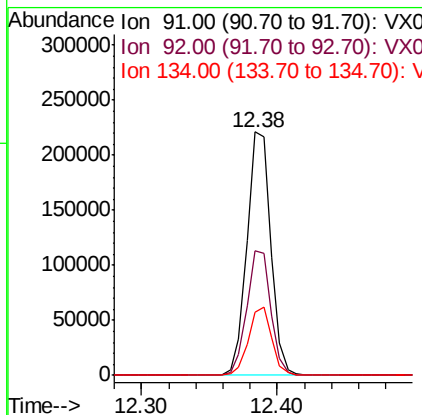
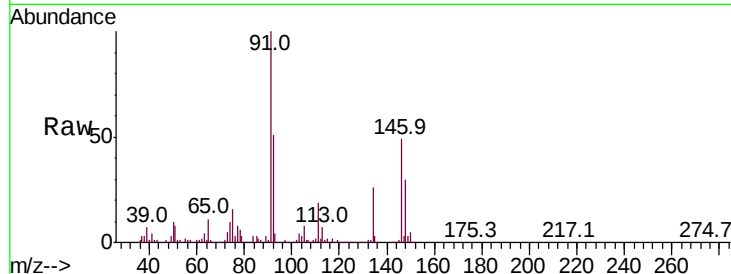




#89
n-Butylbenzene
Concen: 18.719 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

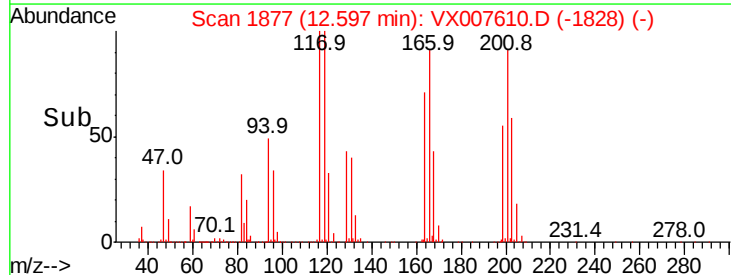
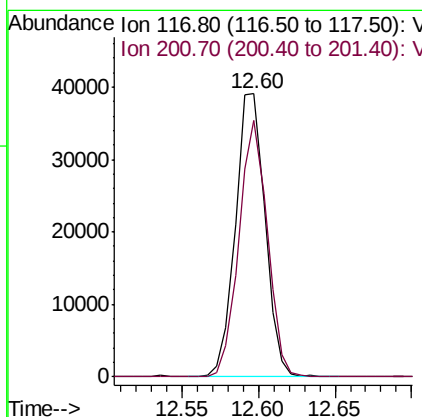
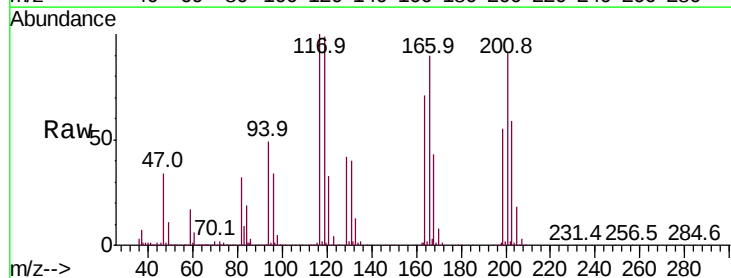
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

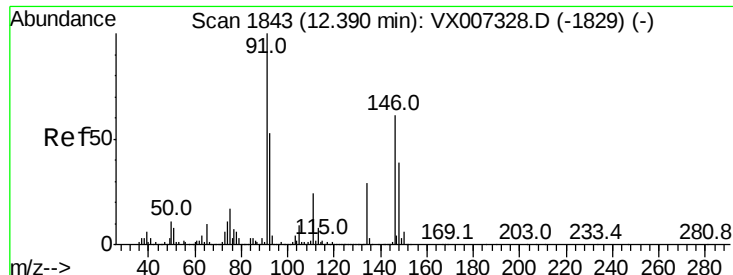
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.3	78.9
134	27.4	13.9	41.6



#90
Hexachloroethane
Concen: 20.798 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007610.D
Acq: 19 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 19.262 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

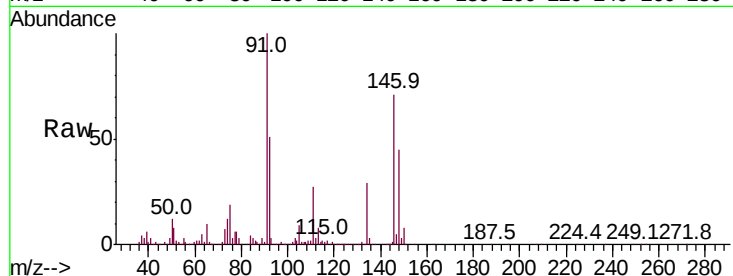
Tot Ion:146 Resp: 184969

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

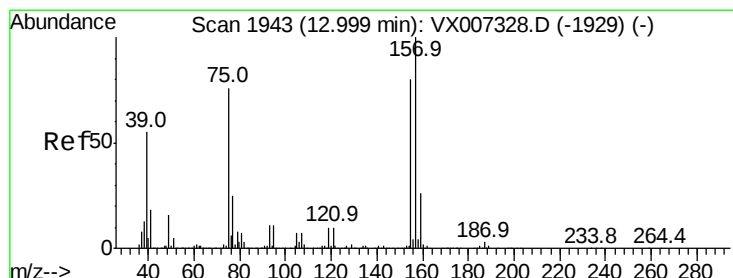
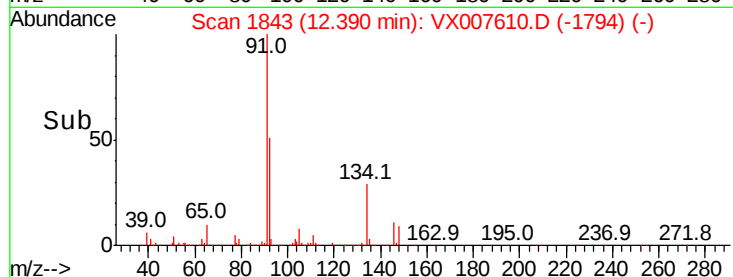
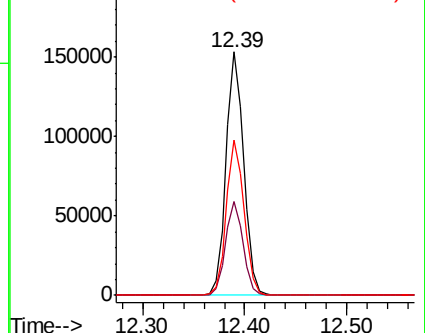
148 64.0 32.1 96.3



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: 20.888 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

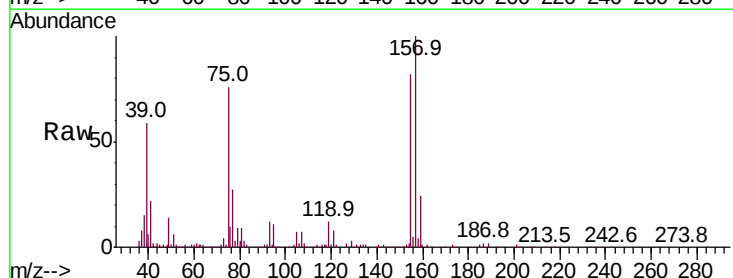
Tgt Ion: 75 Resp: 25258

Ion Ratio Lower Upper

75 100

155 103.7 49.6 149.0

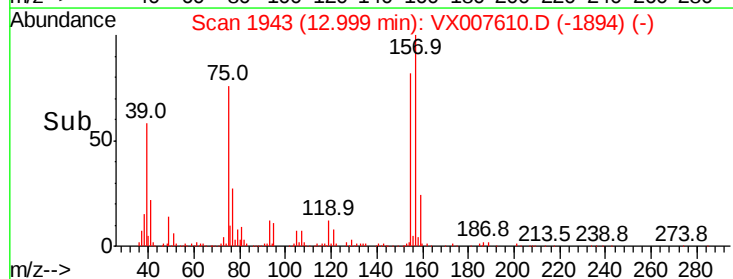
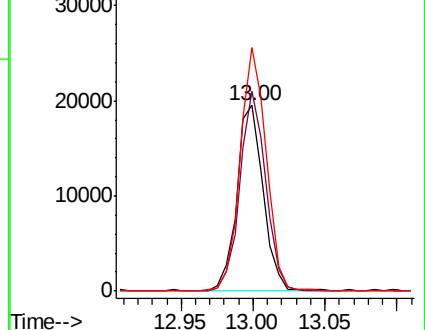
157 127.3 65.1 195.3

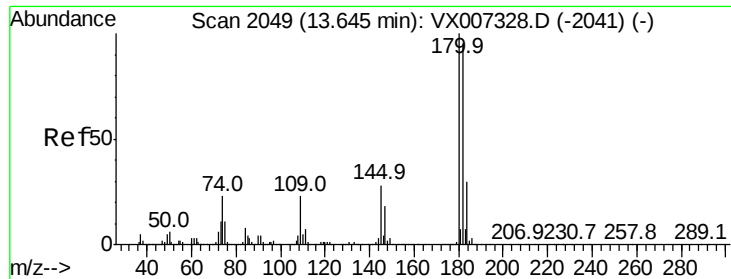


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

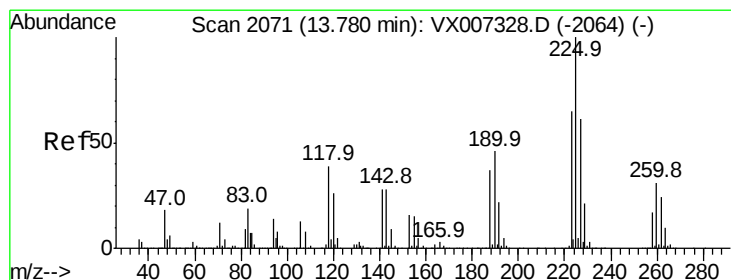
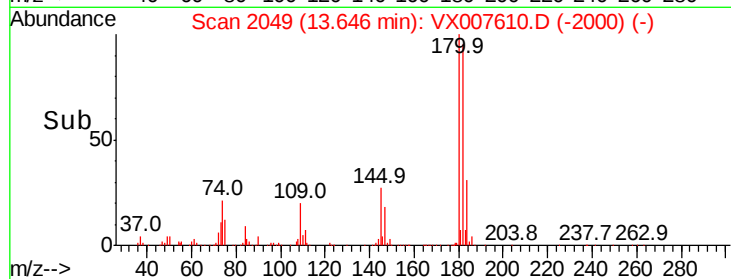
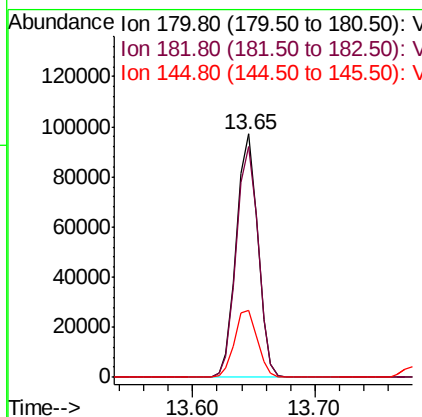
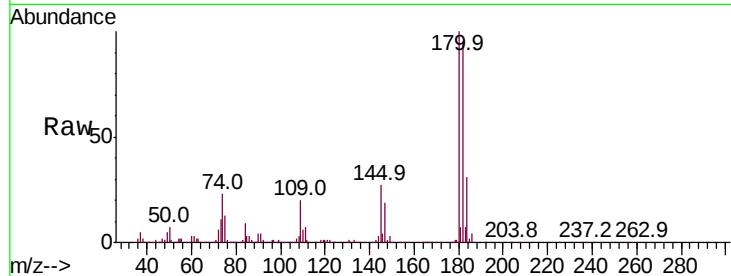




#93
 1,2,4-Trichlorobenzene
 Concen: 18.170 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

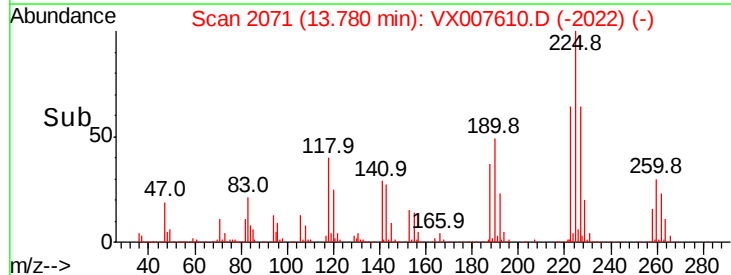
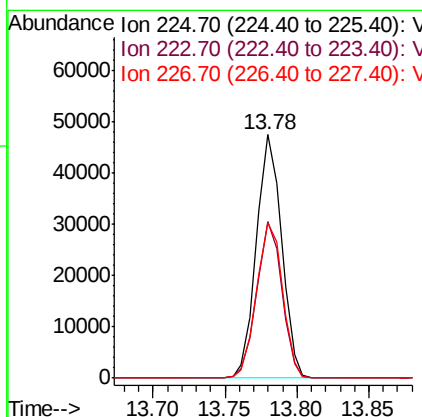
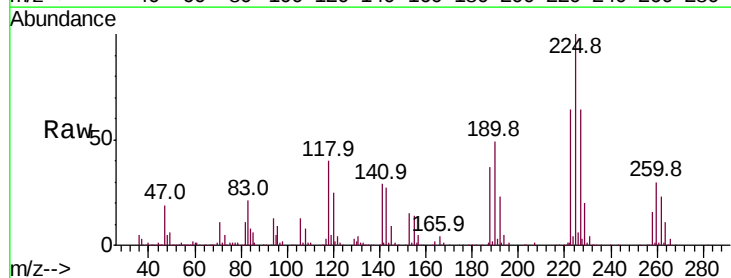
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

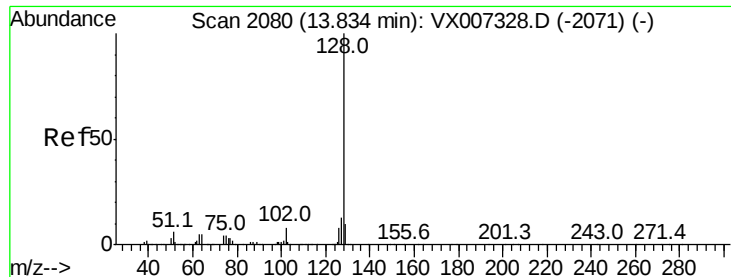
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	29.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.194 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007610.D
 Acq: 19 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	94.8
227	65.5	32.1	96.3





#95

Naphthalene

Concen: 19.508 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBSD01

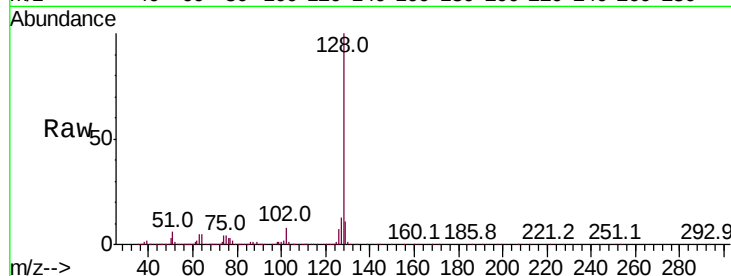
Tot Ion:128 Resp: 369425

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

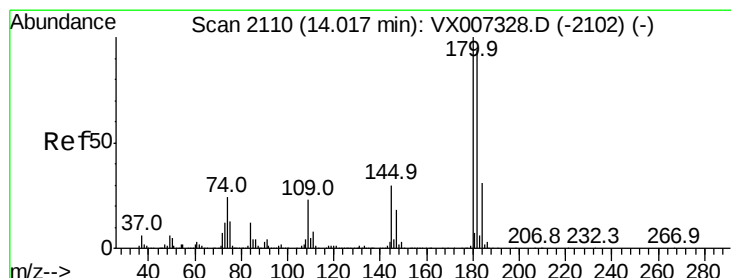
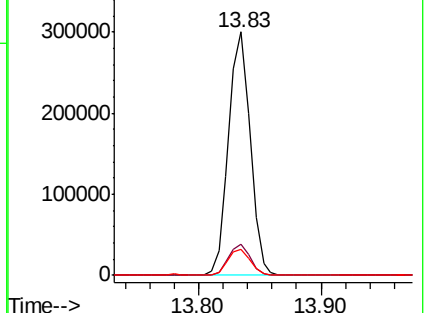
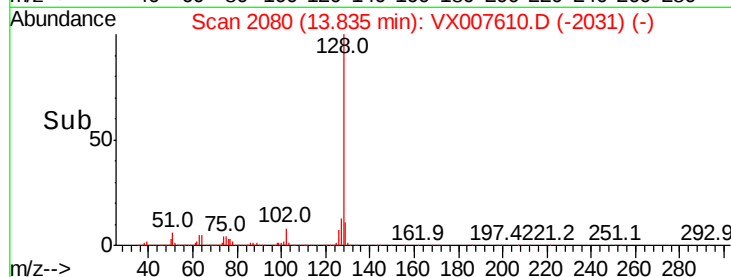
129 10.9 8.7 13.1



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: 18.599 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007610.D

Acq: 19 Feb 2019 13:50

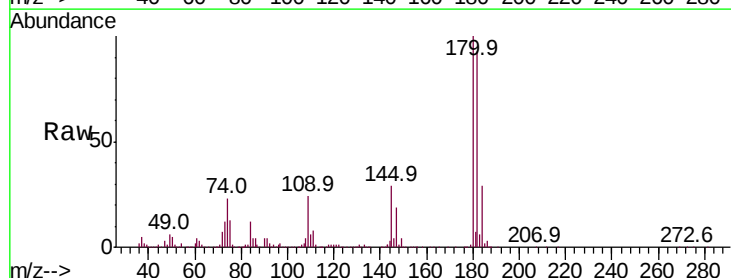
Tgt Ion:180 Resp: 121237

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.6

145 29.8 14.9 44.5



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

