

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
 Data File : VX007579.D
 Acq On : 18 Feb 2019 11:05
 Operator : JC/SP
 Sample : VX0218WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Quant Time: Feb 19 04:09:23 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	5.66	168	482367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	627234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	247685	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	225991	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	807907	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.13	95	288276	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	96003	16.316	ug/l 95
3) Chloromethane	1.33	50	85969	15.823	ug/l 100
4) Vinyl Chloride	1.41	62	91846	17.231	ug/l 99
5) Bromomethane	1.64	94	83959	15.593	ug/l 97
6) Chloroethane	1.72	64	57017	16.536	ug/l 97
7) Trichlorofluoromethane	1.93	101	148785	17.844	ug/l 97
8) Diethyl Ether	2.19	74	54429	17.343	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86684	17.477	ug/l 97
10) Methyl Iodide	2.51	142	101239	13.876	ug/l 99
11) Tert butyl alcohol	3.06	59	101961	96.228	ug/l 97
12) 1,1-Dichloroethene	2.38	96	75653	16.426	ug/l 95
13) Acrolein	2.29	56	36346	73.151	ug/l 98
14) Allyl chloride	2.73	41	138000	18.389	ug/l 98
15) Acrylonitrile	3.15	53	242162	92.387	ug/l 99
16) Acetone	2.45	43	241627	103.026	ug/l 100
17) Carbon Disulfide	2.57	76	181055	16.517	ug/l 100
18) Methyl Acetate	2.78	43	137477	22.824	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	269990	18.095	ug/l 96
20) Methylene Chloride	2.86	84	87849	18.087	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	80533	16.415	ug/l 98
22) Diisopropyl ether	3.87	45	258443	18.723	ug/l 99
23) Vinyl Acetate	3.82	43	1073637	93.730	ug/l 100
24) 1,1-Dichloroethane	3.70	63	150612	19.000	ug/l 99
25) 2-Butanone	4.70	43	333775	100.003	ug/l 99
26) 2,2-Dichloropropane	4.58	77	114503	18.967	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	93366	17.423	ug/l 97
28) Bromochloromethane	5.01	49	72708	19.945	ug/l 99
29) Tetrahydrofuran	5.15	42	207183	98.698	ug/l 99
30) Chloroform	5.21	83	155016	18.740	ug/l 99
31) Cyclohexane	5.57	56	122760	17.242	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	132760	19.014	ug/l 99
36) 1,1-Dichloropropene	5.80	75	106444	17.100	ug/l 99
37) Ethyl Acetate	4.85	43	118857	18.889	ug/l 99
38) Carbon Tetrachloride	5.78	117	115026	19.047	ug/l 95

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Quant Time: Feb 19 04:09:23 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	130234	17.292	ug/l	99
40) Benzene	6.14	78	333864	18.208	ug/l	95
41) Methacrylonitrile	5.06	41	67286	19.951	ug/l	100
42) 1,2-Dichloroethane	6.20	62	115406	18.190	ug/l	98
43) Isopropyl Acetate	6.46	43	186567	19.209	ug/l	99
44) Trichloroethene	7.21	130	97394	17.636	ug/l	98
45) 1,2-Dichloropropane	7.51	63	87059	18.949	ug/l	98
46) Dibromomethane	7.66	93	60637	18.159	ug/l	98
47) Bromodichloromethane	7.90	83	109105	19.280	ug/l	98
48) Methyl methacrylate	7.77	41	94485	19.448	ug/l	99
49) 1,4-Dioxane	7.75	88	42681	390.526	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	628522	98.300	ug/l	100
52) Toluene	8.78	92	210762	17.815	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	115287	18.966	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129196	19.327	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92964	18.851	ug/l	96
56) Ethyl methacrylate	9.18	69	127895	18.725	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145747	18.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	357266	99.239	ug/l	99
59) 2-Hexanone	9.49	43	487287	97.937	ug/l	99
60) Dibromochloromethane	9.58	129	92954	19.930	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96795	18.534	ug/l	99
64) Tetrachloroethene	9.34	164	102454	17.330	ug/l	97
65) Chlorobenzene	10.13	112	245819	17.959	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	90857	19.799	ug/l	98
67) Ethyl Benzene	10.25	91	404742	18.362	ug/l	98
68) m/p-Xylenes	10.36	106	313487	35.778	ug/l	97
69) o-Xylene	10.69	106	154441	18.318	ug/l	100
70) Styrene	10.71	104	248932	18.205	ug/l	99
71) Bromoform	10.85	173	69347	19.870	ug/l	100
73) Isopropylbenzene	11.02	105	421757	19.049	ug/l	98
74) N-amyl acetate	10.90	43	162586	18.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	134672	19.958	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149139	23.533	ug/l	81
77) Bromobenzene	11.26	156	113930	18.263	ug/l	99
78) n-propylbenzene	11.36	91	466263	19.205	ug/l	100
79) 2-Chlorotoluene	11.42	91	275724	18.716	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	339141	18.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35945	20.277	ug/l	99
82) 4-Chlorotoluene	11.51	91	321372	18.853	ug/l	99
83) tert-Butylbenzene	11.77	119	337906	18.842	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351915	19.136	ug/l	99
85) sec-Butylbenzene	11.94	105	420521	19.374	ug/l	100
86) p-Isopropyltoluene	12.06	119	372957	19.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201055	17.958	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	203515	17.918	ug/l	99
89) n-Butylbenzene	12.38	91	312851	18.561	ug/l	99
90) Hexachloroethane	12.60	117	61311	20.908	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202227	18.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27770	19.793	ug/l	98

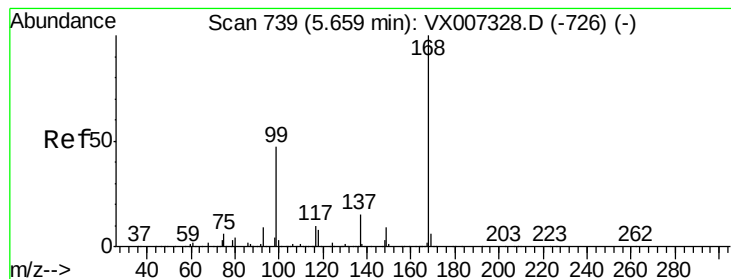
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007579.D
Acq On : 18 Feb 2019 11:05
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Instrument :
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ClientSampleId :
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Quant Time: Feb 19 04:09:23 2019
Quant Method : Z:\V0ASRV\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	137396	18.286	ug/l	100
94) Hexachlorobutadiene	13.78	225	68615	18.806	ug/l	99
95) Naphthalene	13.83	128	408694	18.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137650	18.199	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

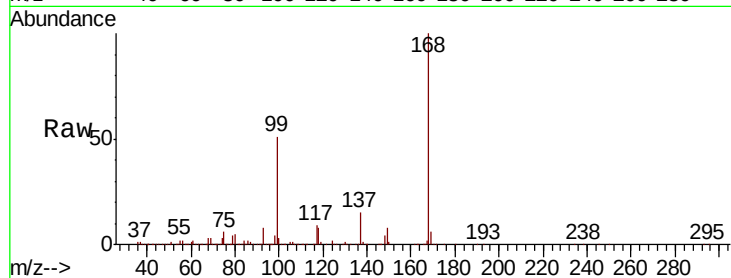
VX0218WBS01

Tgt Ion:168 Resp: 482367

Ion Ratio Lower Upper

168 100

99 50.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

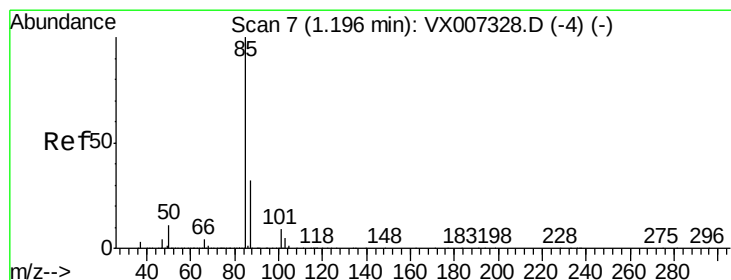
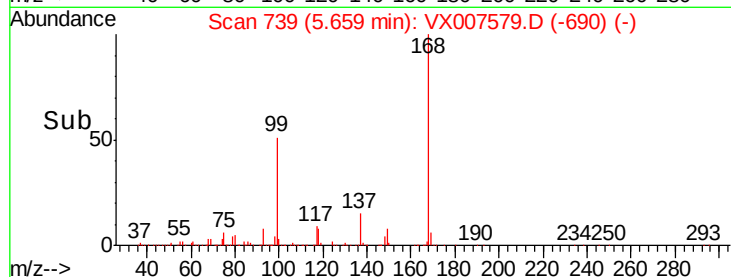
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.316 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007579.D

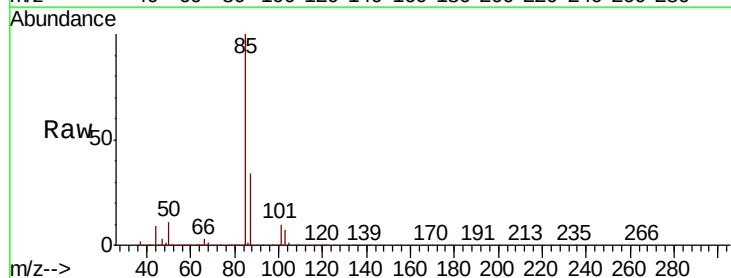
Acq: 18 Feb 2019 11:05

Tgt Ion: 85 Resp: 96003

Ion Ratio Lower Upper

85 100

87 34.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

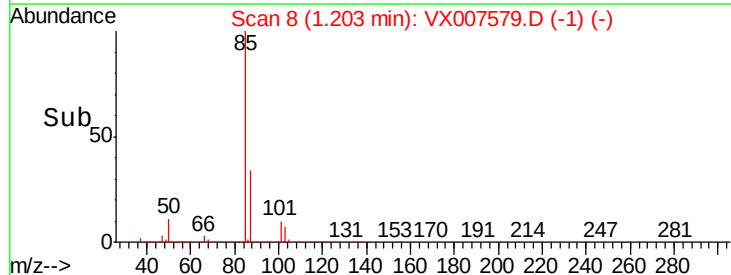
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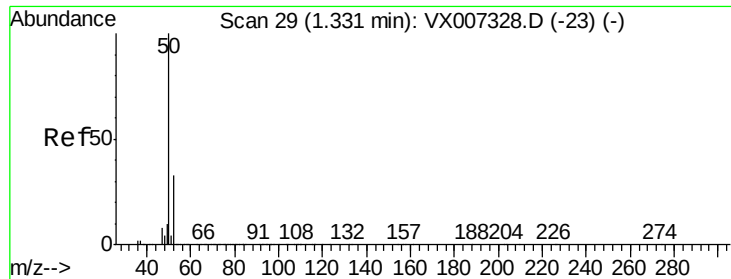
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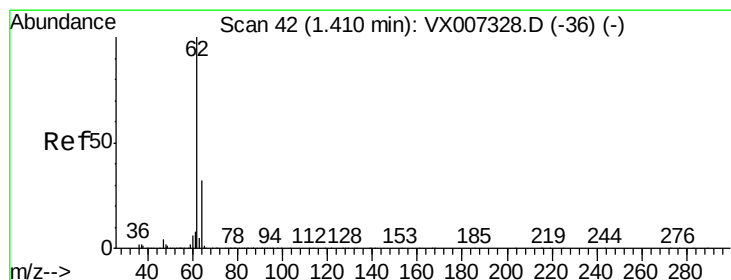
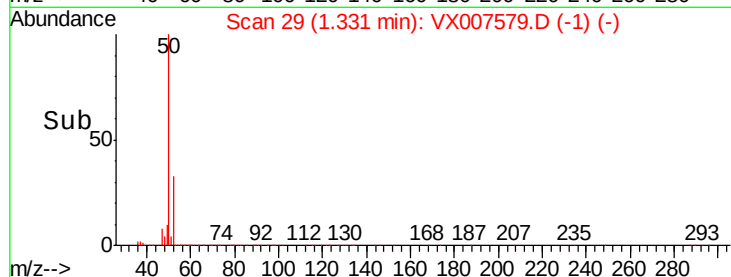
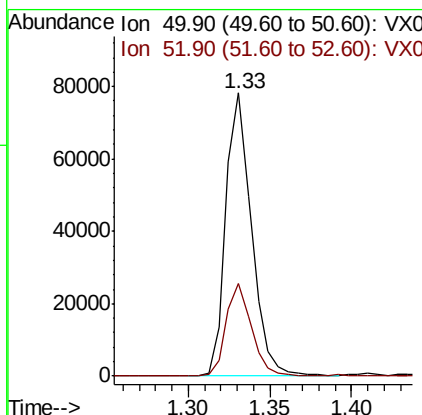
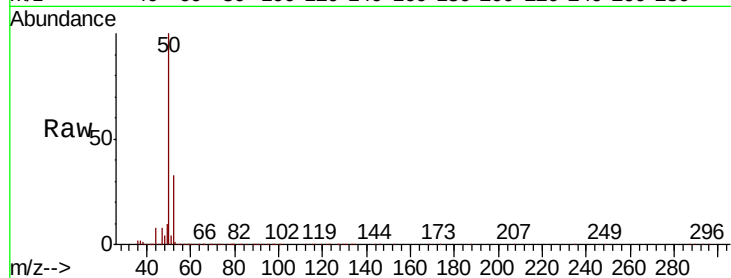




#3
Chloromethane
Concen: 15.823 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

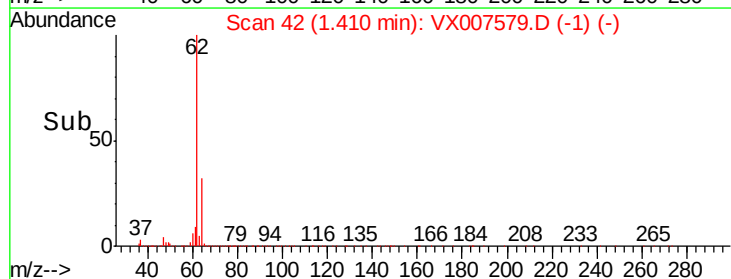
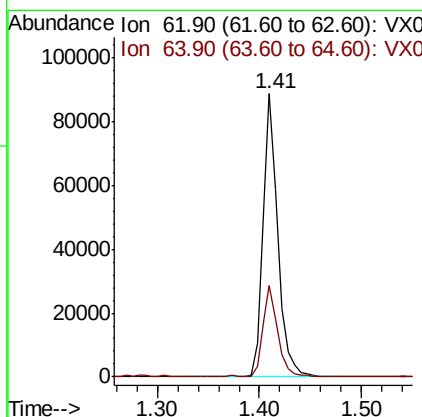
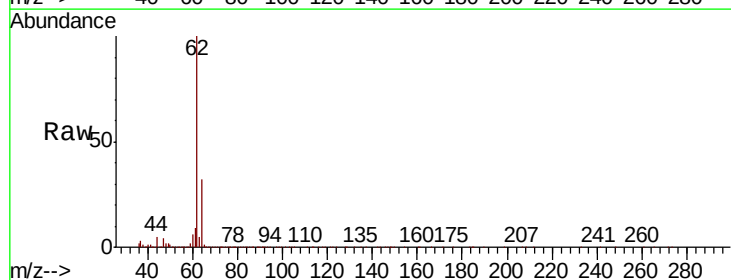
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

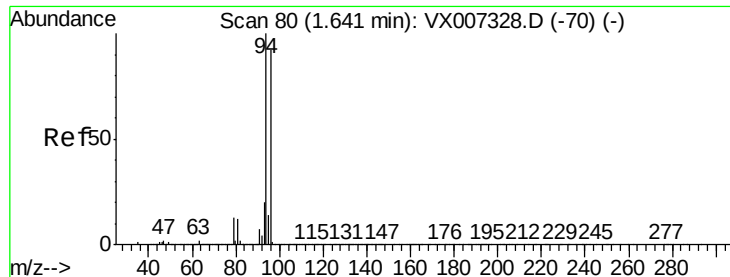
Tgt Ion: 50 Resp: 85969
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1



#4
Vinyl Chloride
Concen: 17.231 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 62 Resp: 91846
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 15.593 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

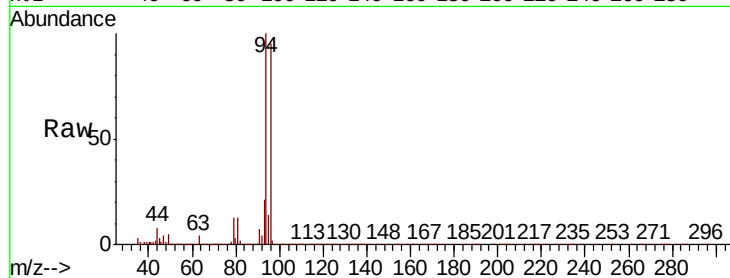
VX0218WBS01

Tgt Ion: 94 Resp: 83959

Ion Ratio Lower Upper

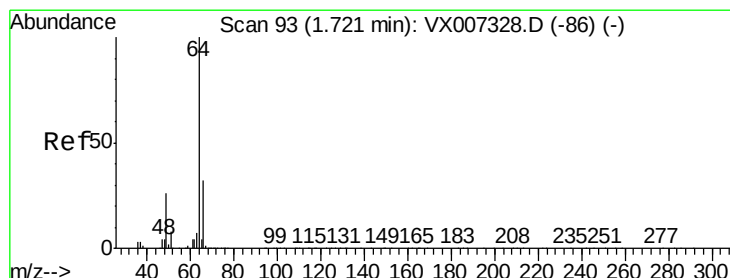
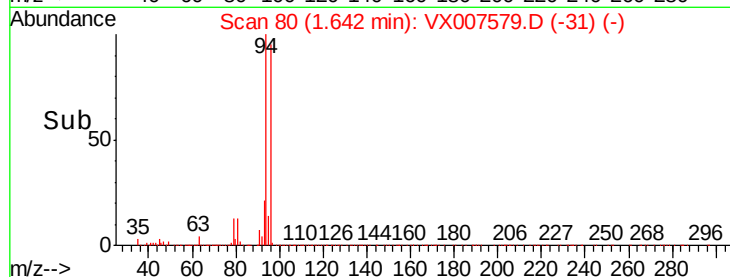
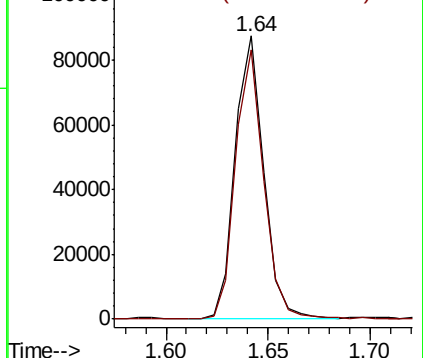
94 100

96 95.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.536 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007579.D

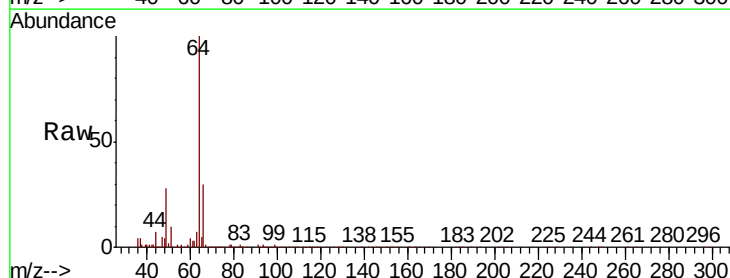
Acq: 18 Feb 2019 11:05

Tgt Ion: 64 Resp: 57017

Ion Ratio Lower Upper

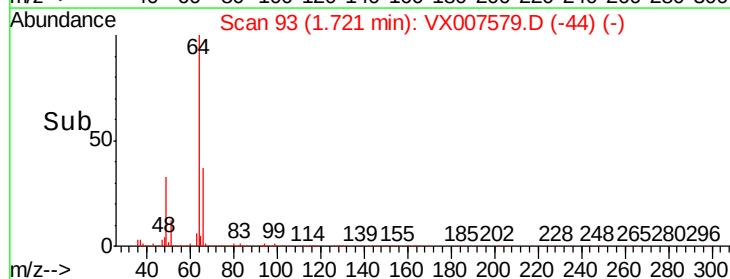
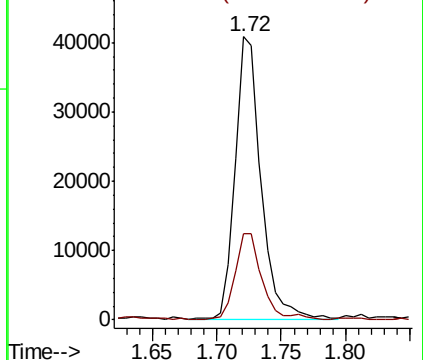
64 100

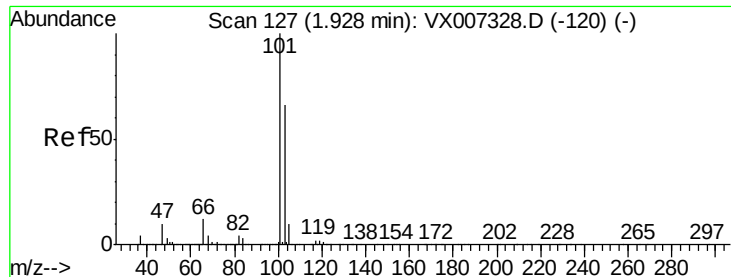
66 30.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



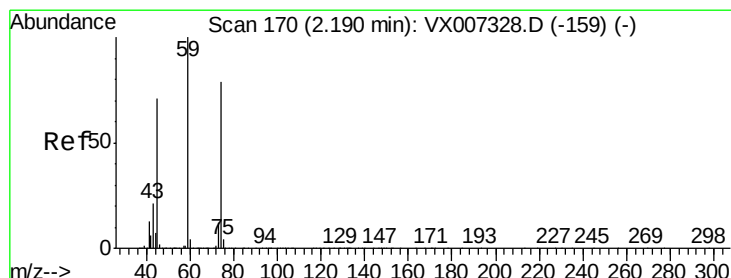
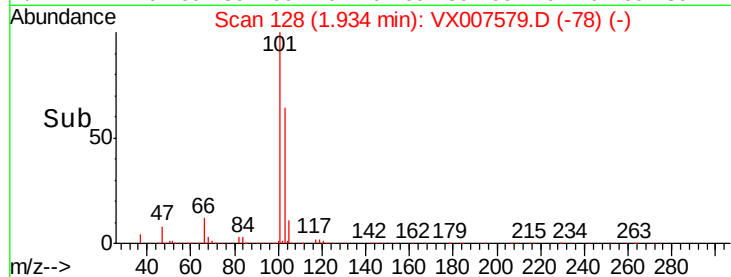
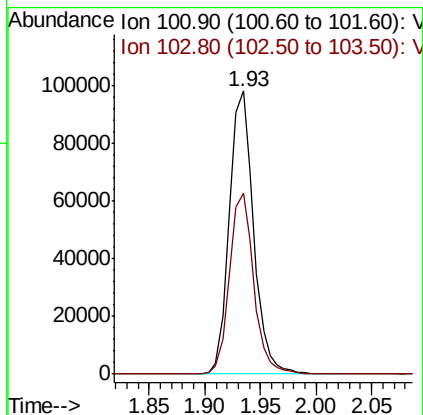
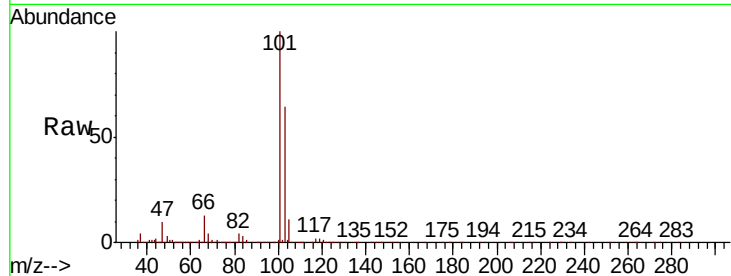


#7

Trichlorofluoromethane
 Concen: 17.844 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

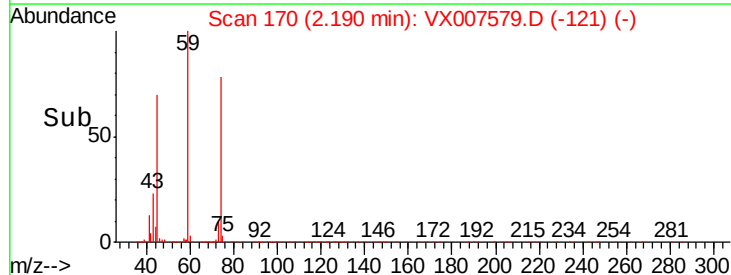
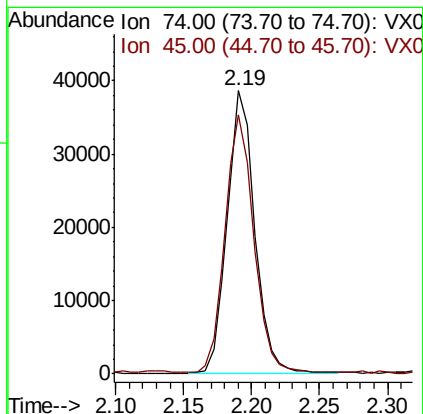
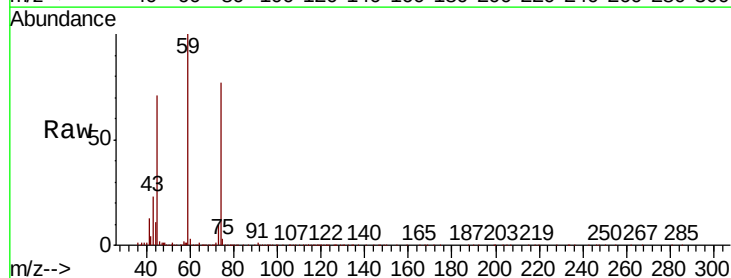
Tgt Ion:101 Resp: 148785
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.6 79.0

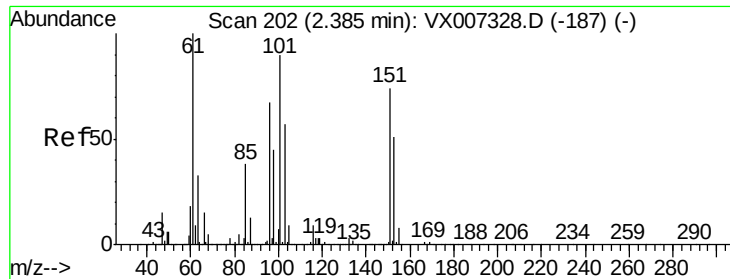


#8

Diethyl Ether
 Concen: 17.343 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion: 74 Resp: 54429
 Ion Ratio Lower Upper
 74 100
 45 94.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.477 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

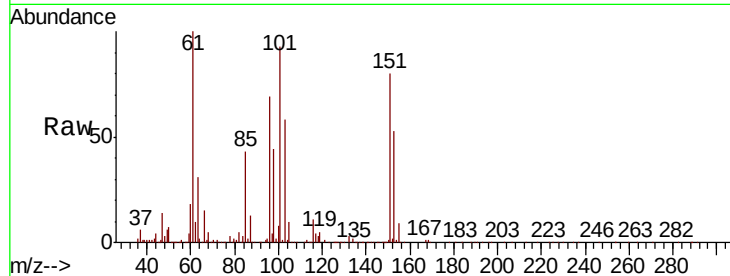
Tgt Ion:101 Resp: 86684

Ion Ratio Lower Upper

101 100

85 45.2 34.1 51.1

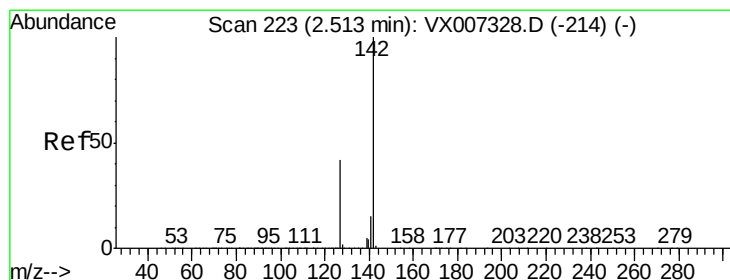
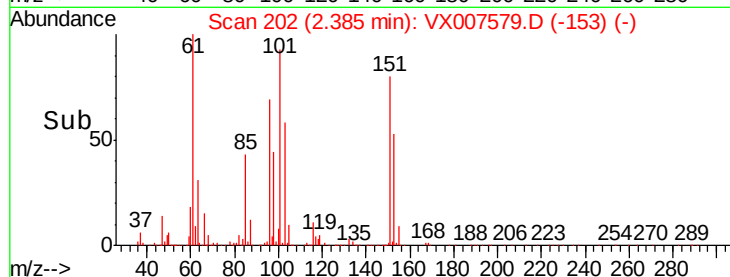
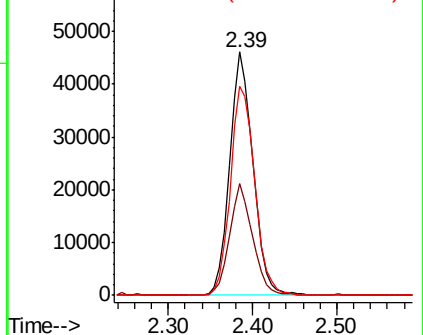
151 89.2 69.9 104.9



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: 13.876 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

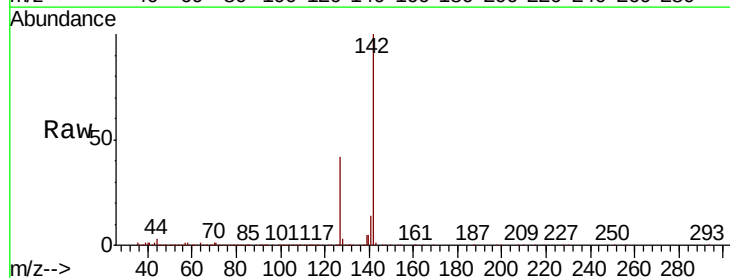
Tgt Ion:142 Resp: 101239

Ion Ratio Lower Upper

142 100

127 42.9 33.7 50.5

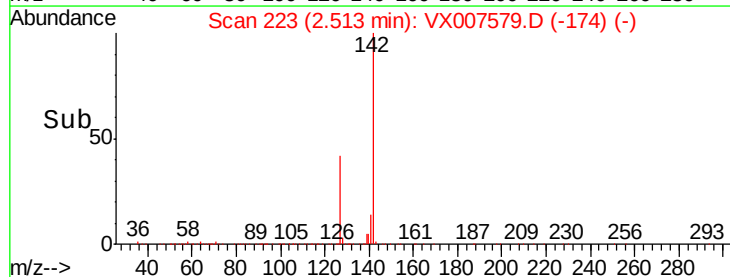
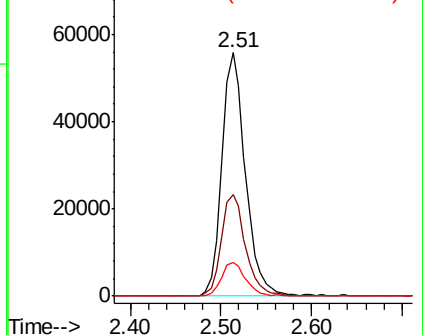
141 14.4 11.3 16.9

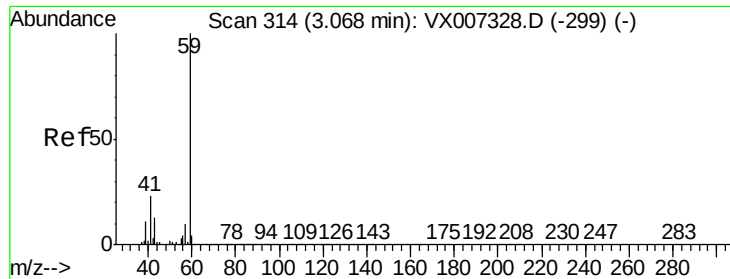


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



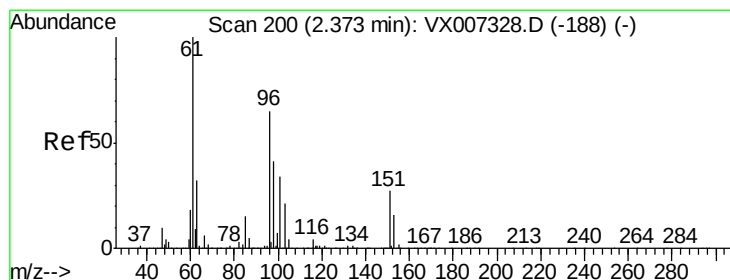
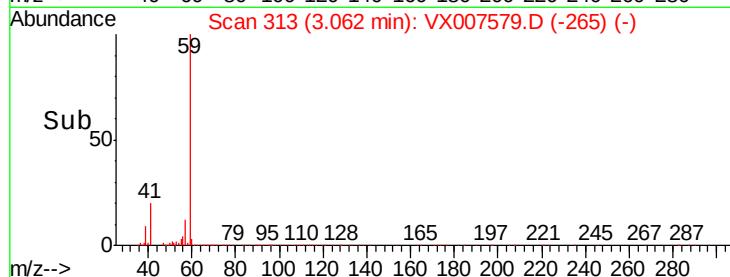
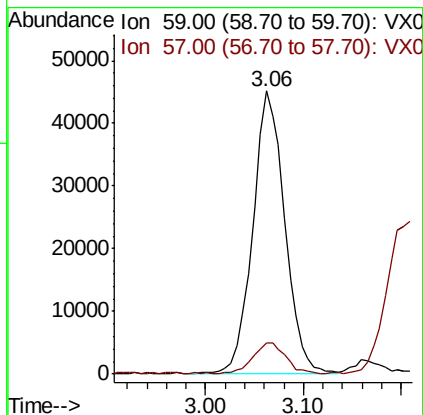
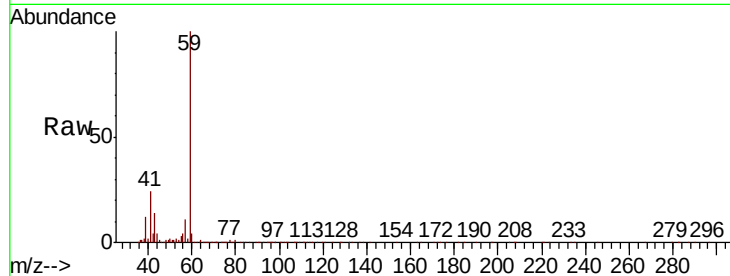


#11

Tert butyl alcohol
Concen: 96.228 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

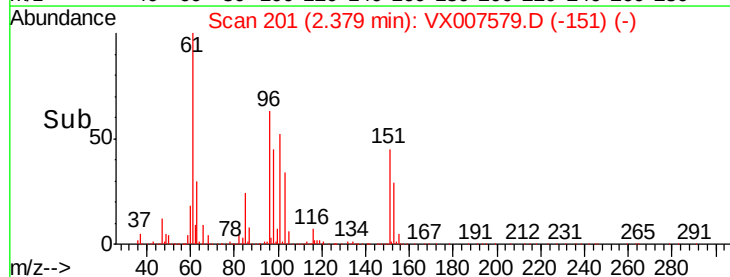
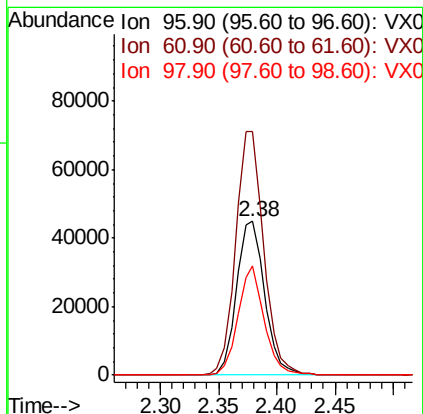
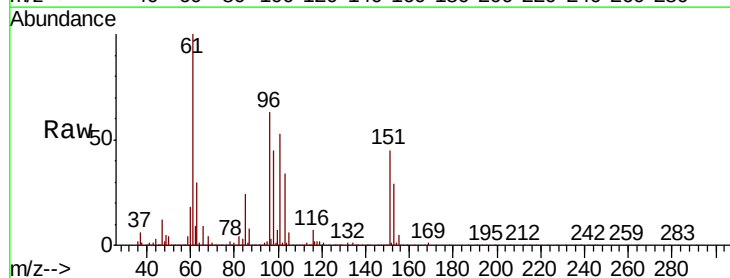
Tgt Ion: 59 Resp: 101961
Ion Ratio Lower Upper
59 100
57 11.1 8.1 12.1

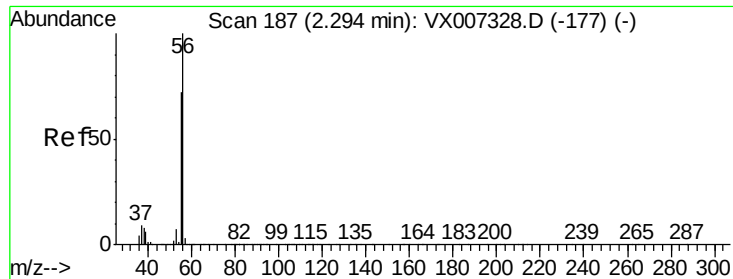


#12

1,1-Dichloroethene
Concen: 16.426 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 96 Resp: 75653
Ion Ratio Lower Upper
96 100
61 158.5 123.0 184.4
98 70.6 50.9 76.3





#13

Acrolein

Concen: 73.151 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

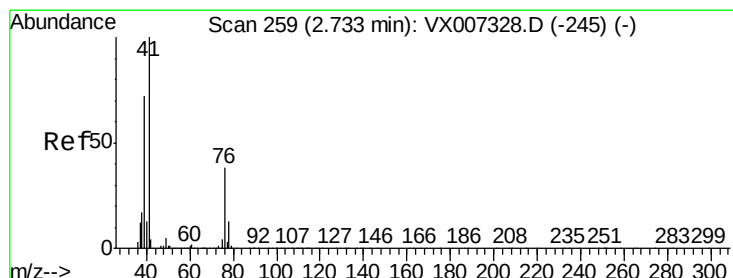
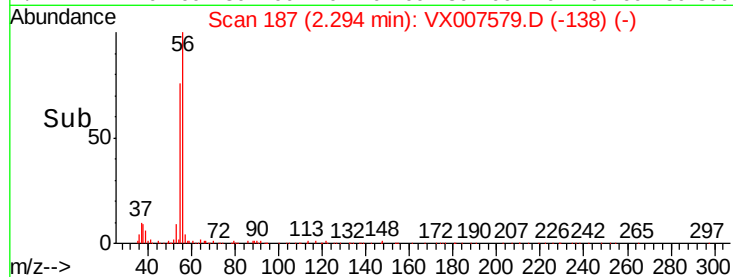
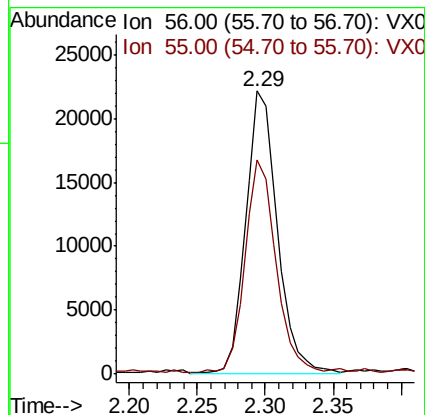
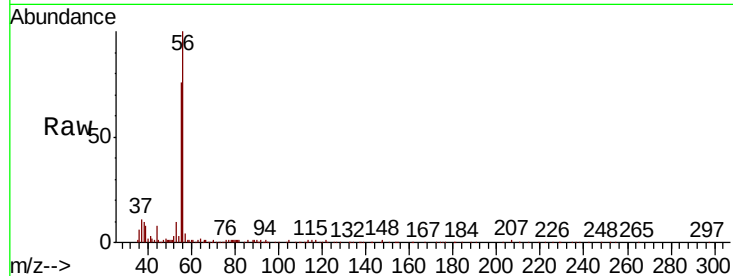
VX0218WBS01

Tgt Ion: 56 Resp: 36346

Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3



#14

Allyl chloride

Concen: 18.389 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

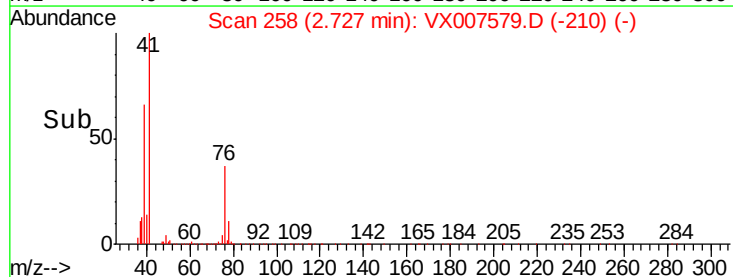
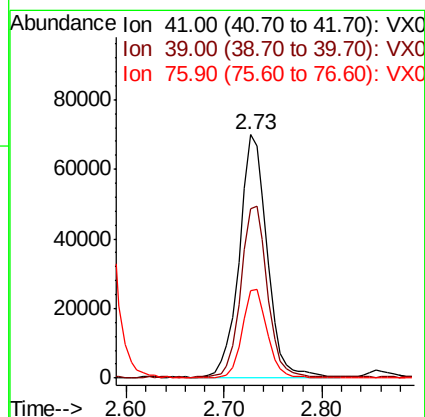
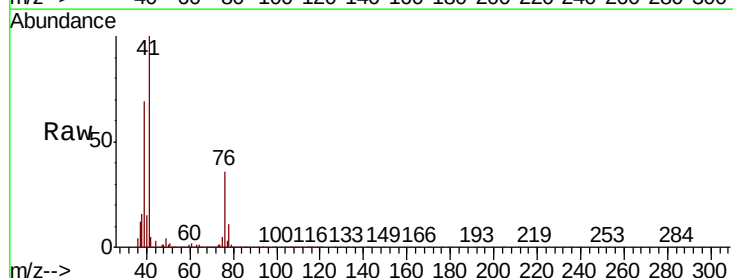
Tgt Ion: 41 Resp: 138000

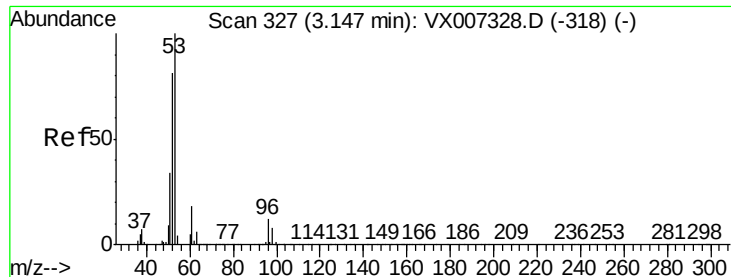
Ion Ratio Lower Upper

41 100

39 67.1 54.1 81.1

76 32.5 27.8 41.8





#15

Acrylonitrile

Concen: 92.387 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

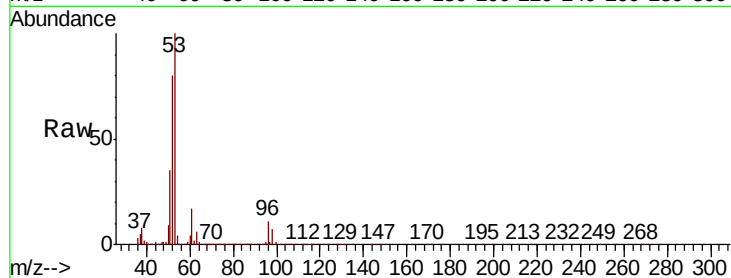
Tgt Ion: 53 Resp: 242162

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

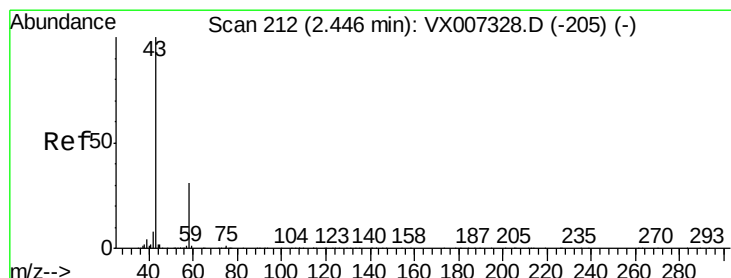
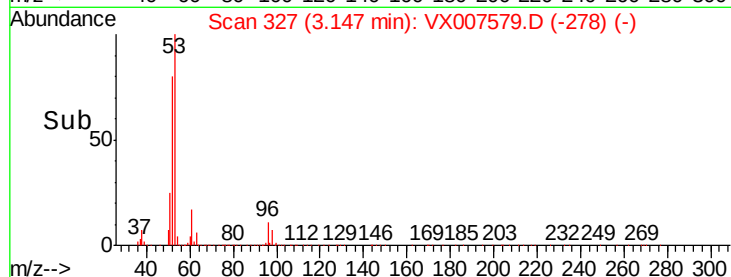
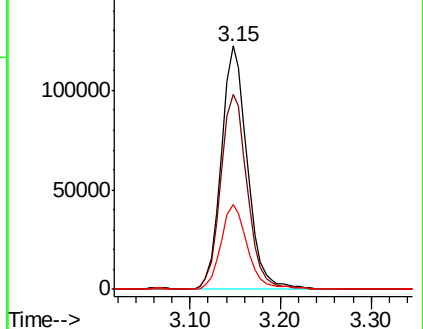
51 35.9 28.4 42.6



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: 103.026 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007579.D

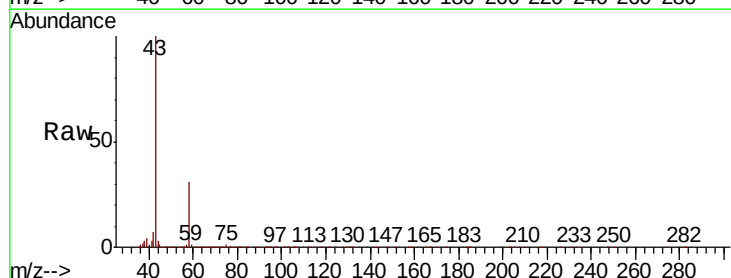
Acq: 18 Feb 2019 11:05

Tgt Ion: 43 Resp: 241627

Ion Ratio Lower Upper

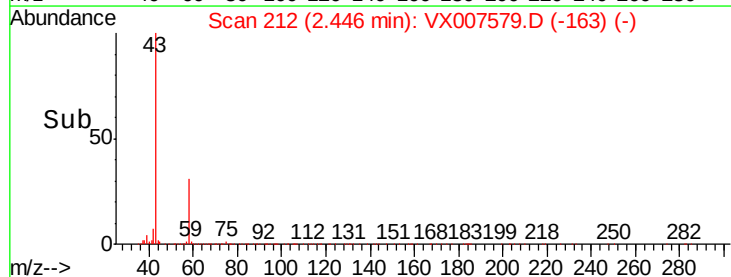
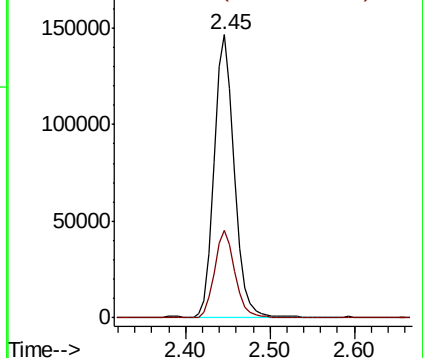
43 100

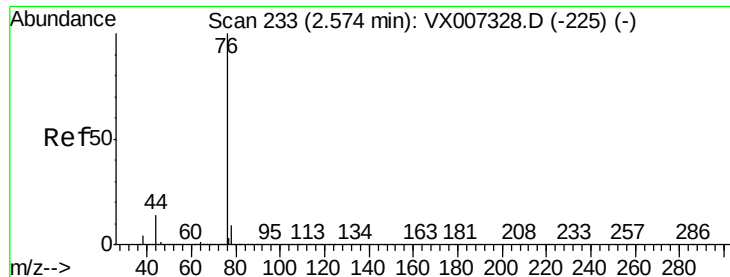
58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.517 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

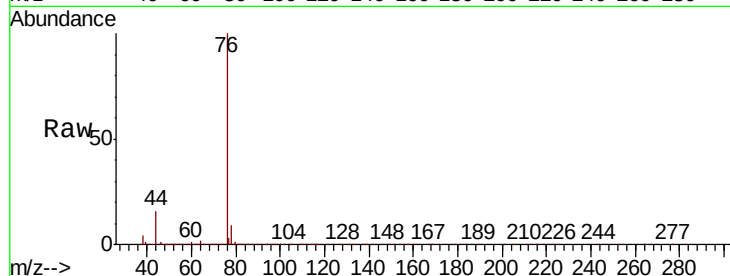
VX0218WBS01

Tgt Ion: 76 Resp: 181055

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

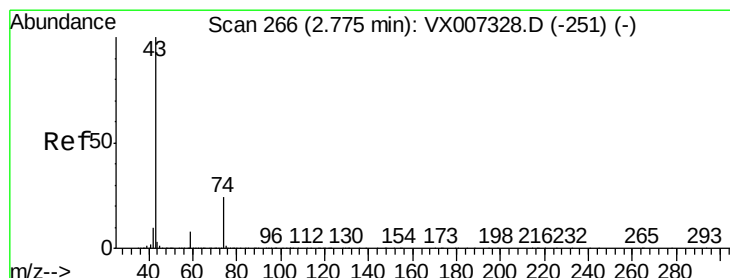
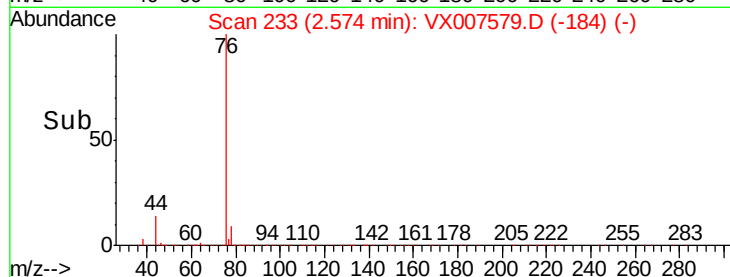
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 22.824 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007579.D

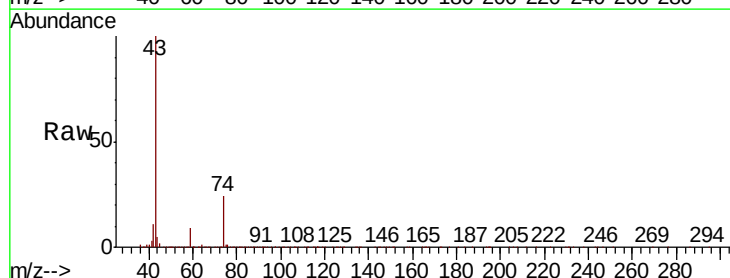
Acq: 18 Feb 2019 11:05

Tgt Ion: 43 Resp: 137477

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

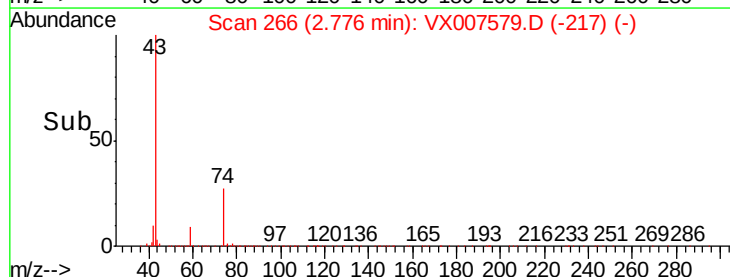
60000

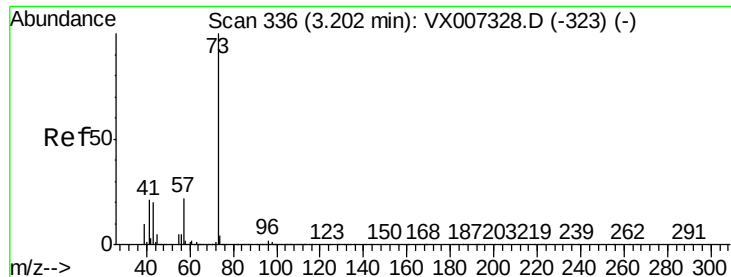
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.095 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

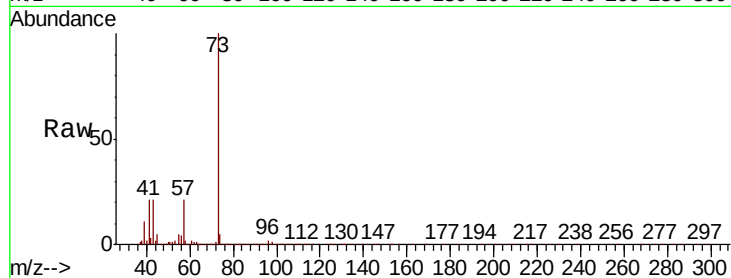
VX0218WBS01

Tgt Ion: 73 Resp: 269990

Ion Ratio Lower Upper

73 100

57 20.6 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

120000

100000

80000

60000

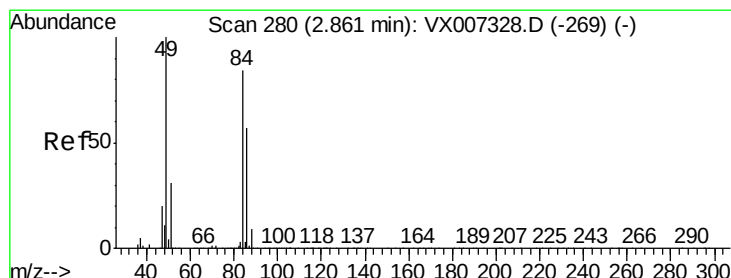
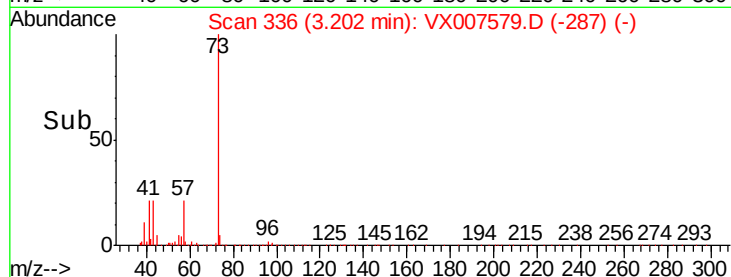
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 18.087 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Tgt Ion: 84 Resp: 87849

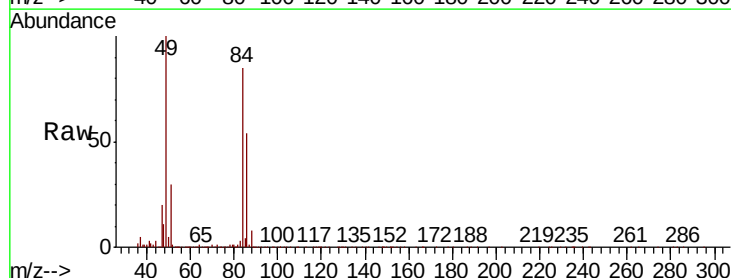
Ion Ratio Lower Upper

84 100

49 118.1 94.8 142.2

51 35.7 29.8 44.8

86 63.5 54.1 81.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

60000

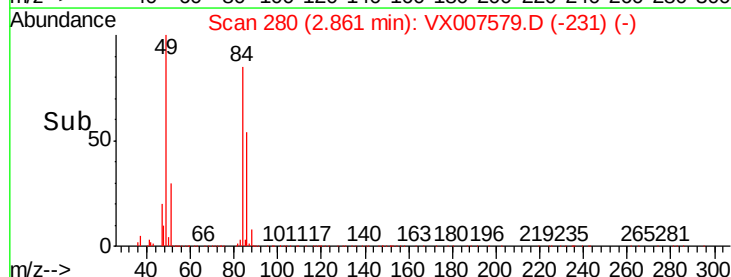
40000

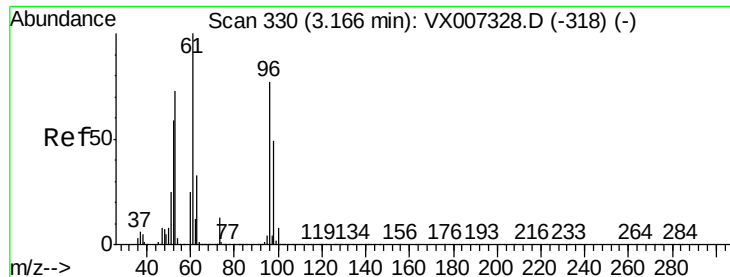
20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 16.415 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

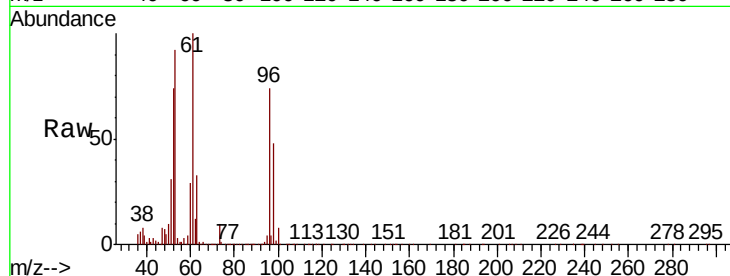
Tgt Ion: 96 Resp: 80533

Ion Ratio Lower Upper

96 100

61 134.1 104.6 156.8

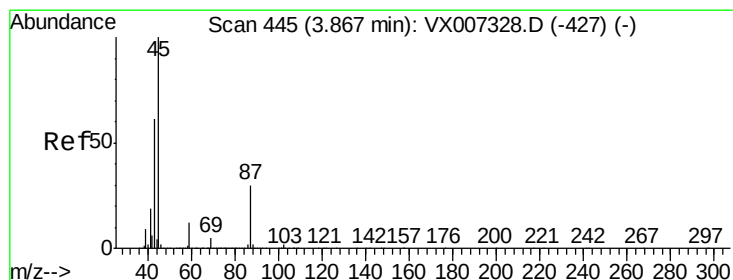
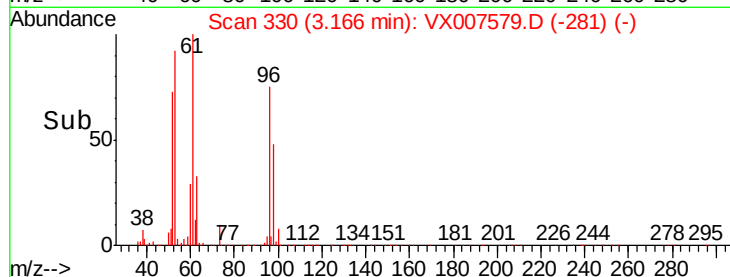
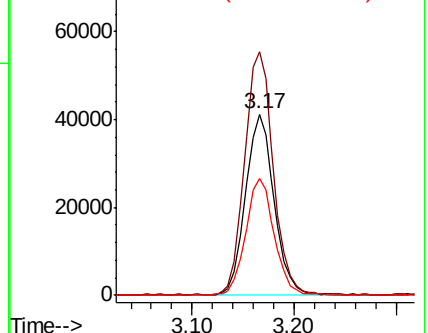
98 64.4 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.723 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Tgt Ion: 45 Resp: 258443

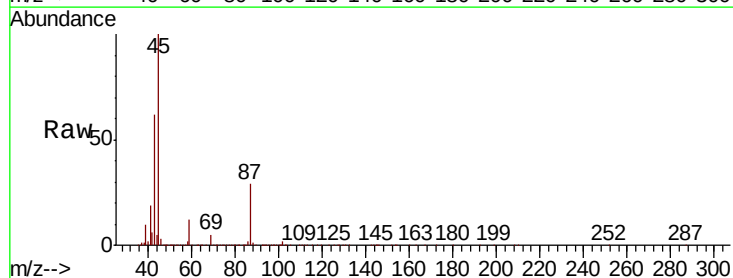
Ion Ratio Lower Upper

45 100

43 61.0 48.9 73.3

87 29.2 23.9 35.9

59 11.7 9.6 14.4

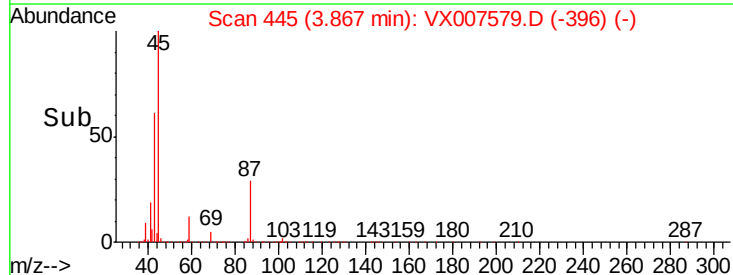
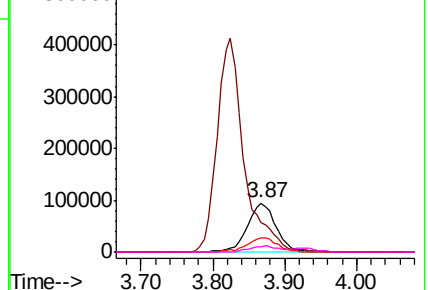


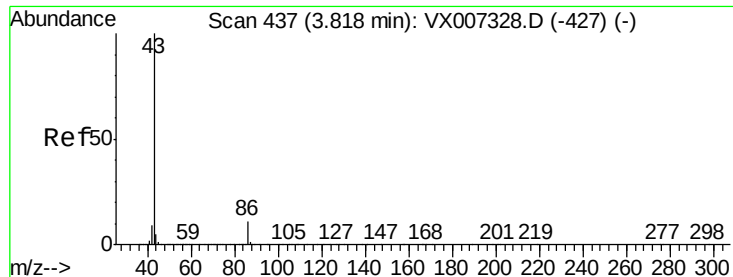
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.730 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

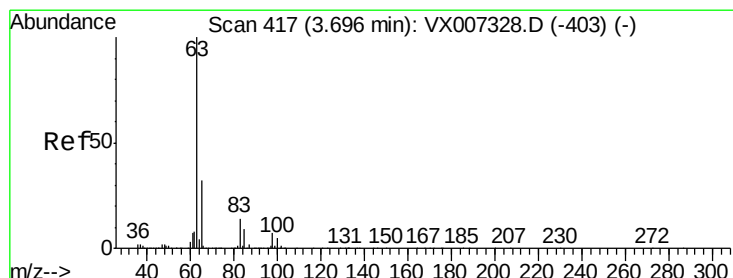
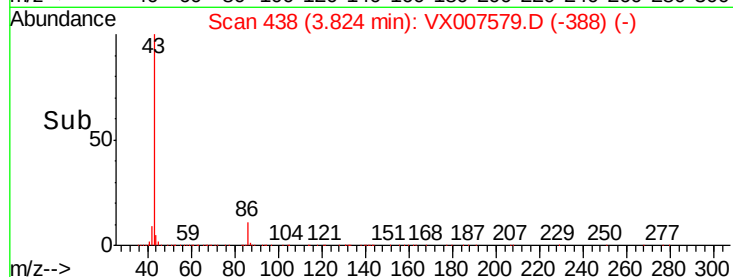
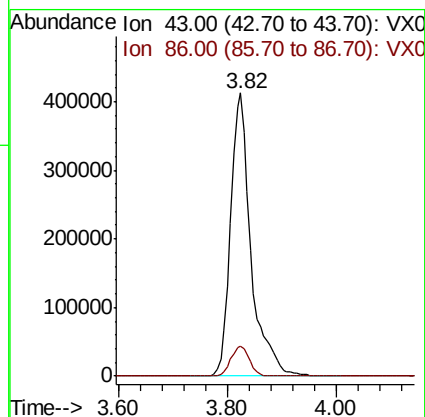
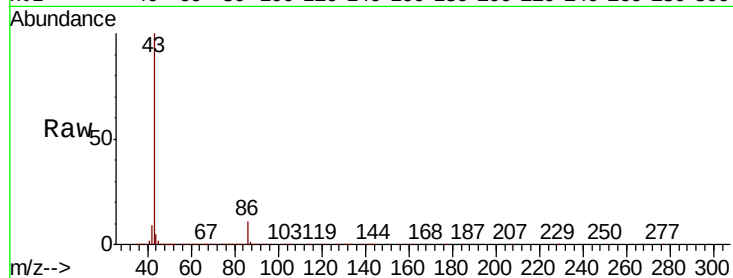
VX0218WBS01

Tgt Ion: 43 Resp: 1073637

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.000 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

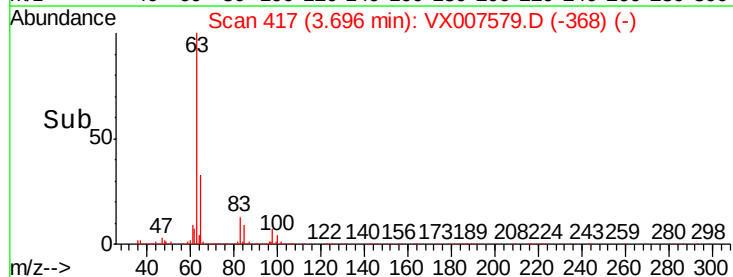
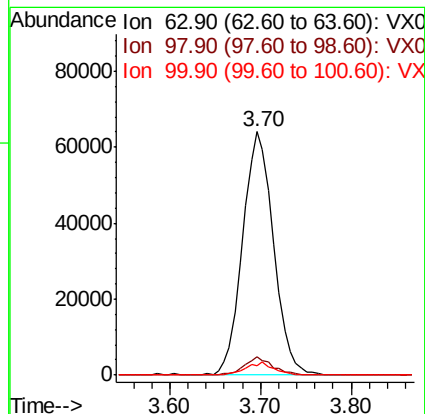
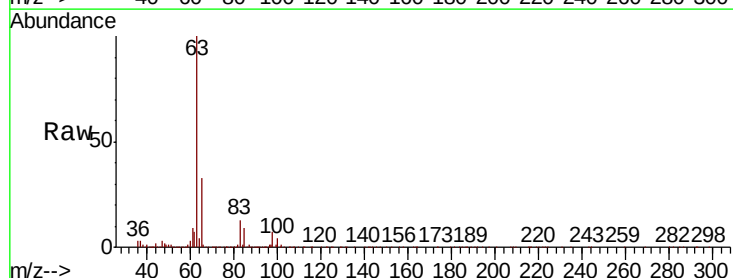
Tgt Ion: 63 Resp: 150612

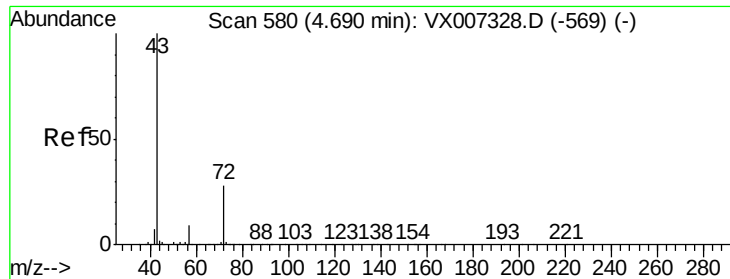
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 100.003 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

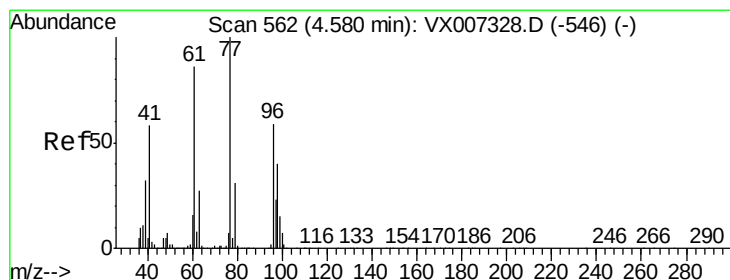
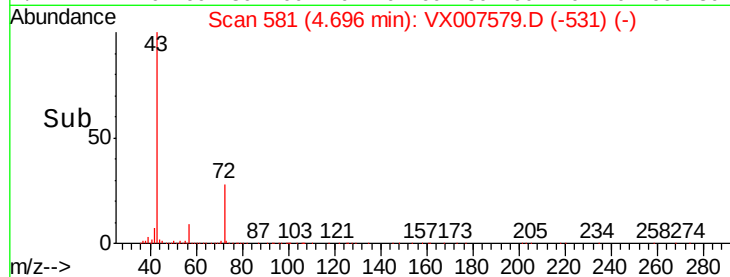
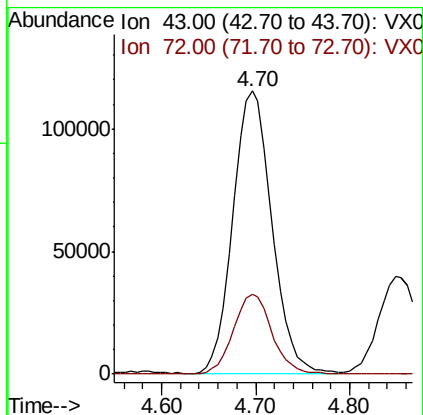
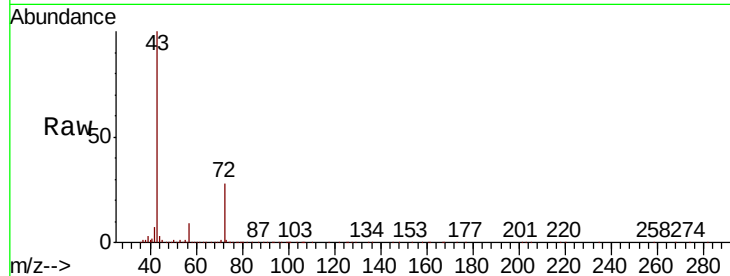
VX0218WBS01

Tgt Ion: 43 Resp: 333775

Ion Ratio Lower Upper

43 100

72 28.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.967 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007579.D

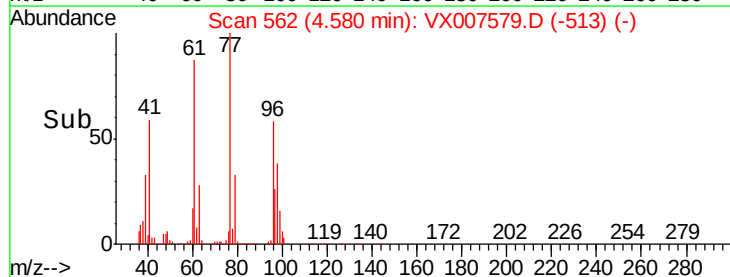
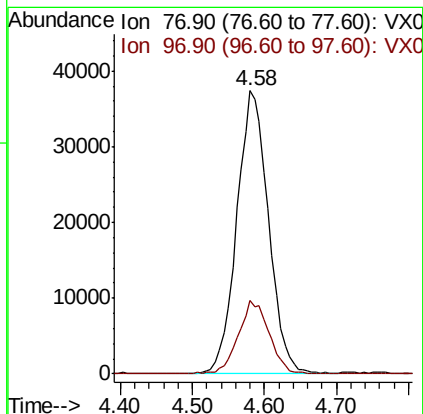
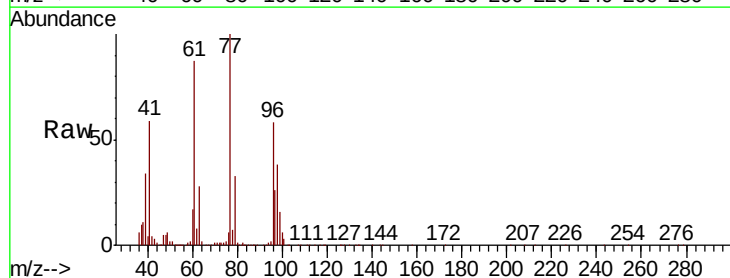
Acq: 18 Feb 2019 11:05

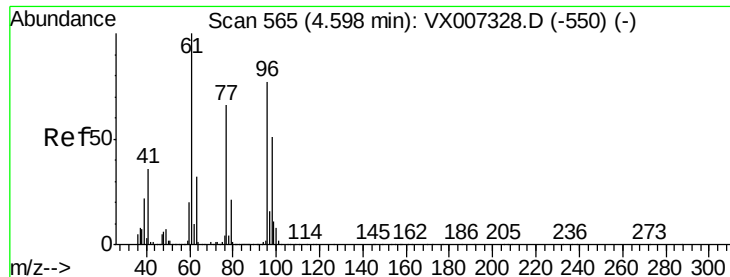
Tgt Ion: 77 Resp: 114503

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3



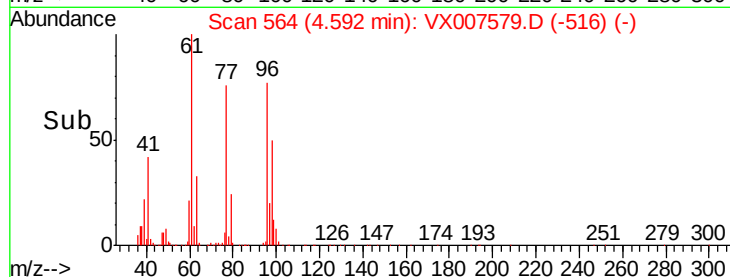
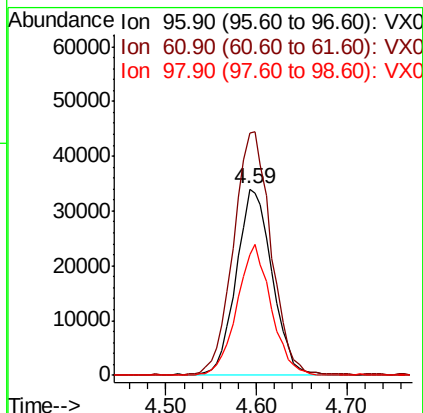
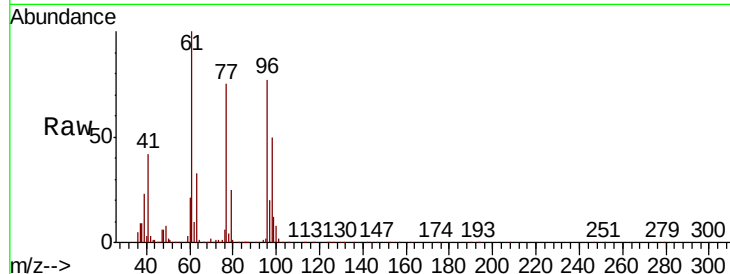


#27

cis-1,2-Dichloroethene
Concen: 17.423 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

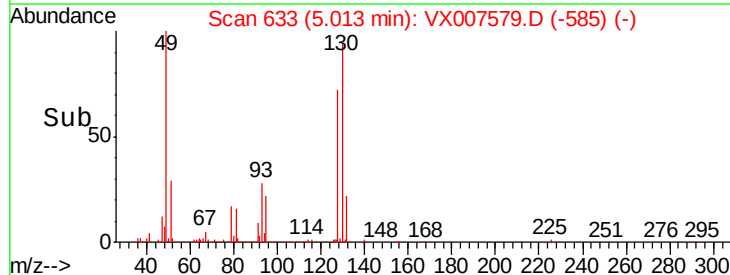
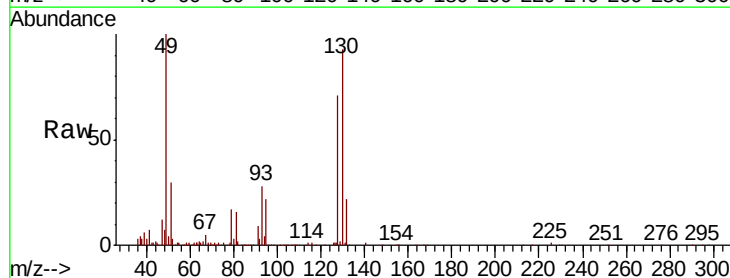
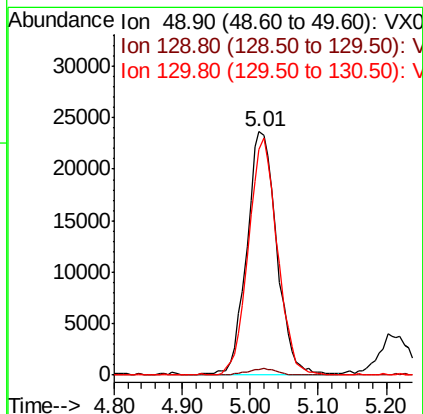
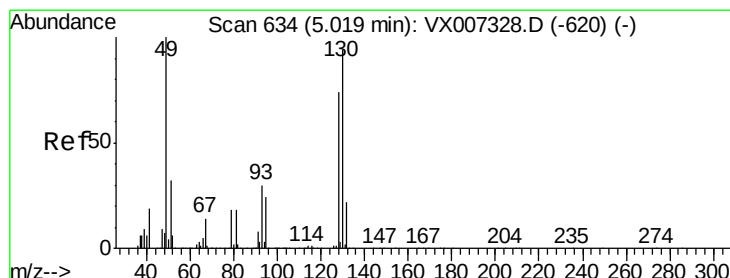
Tgt Ion: 96 Resp: 93366
Ion Ratio Lower Upper
96 100
61 137.8 0.0 265.6
98 67.1 0.0 131.6

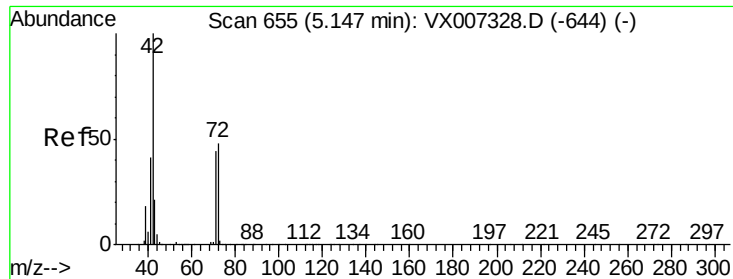


#28

Bromochloromethane
Concen: 19.945 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 49 Resp: 72708
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 93.7 75.6 113.4

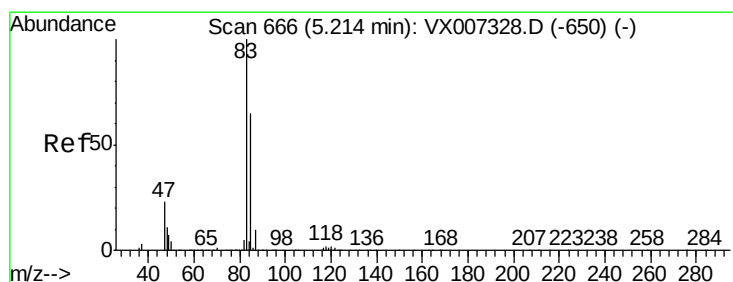
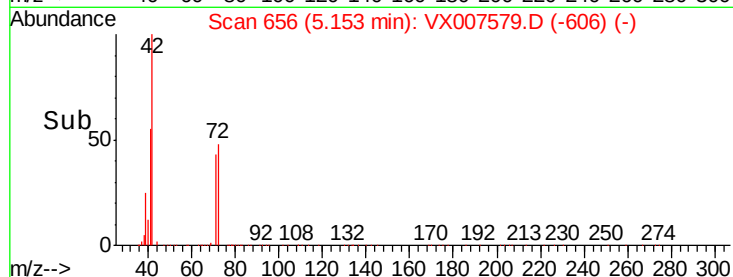
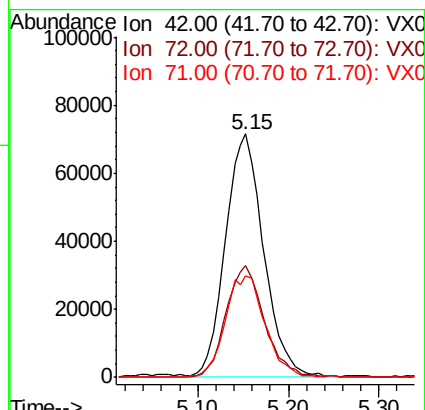
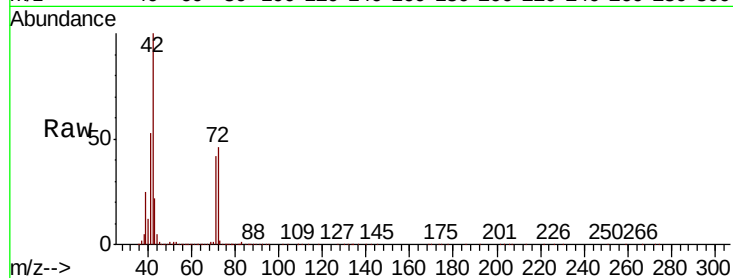




#29
Tetrahydrofuran
Concen: 98.698 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

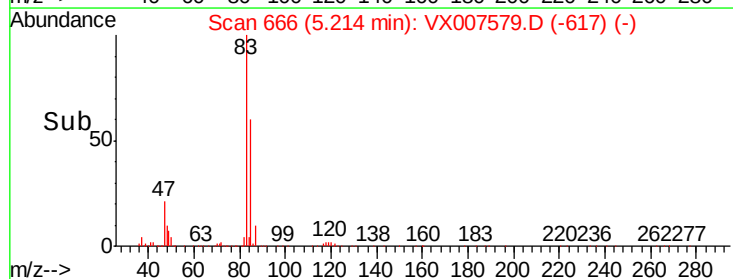
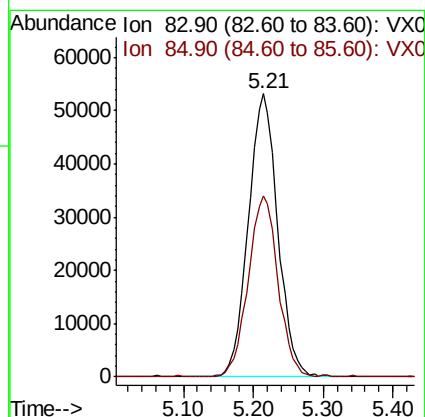
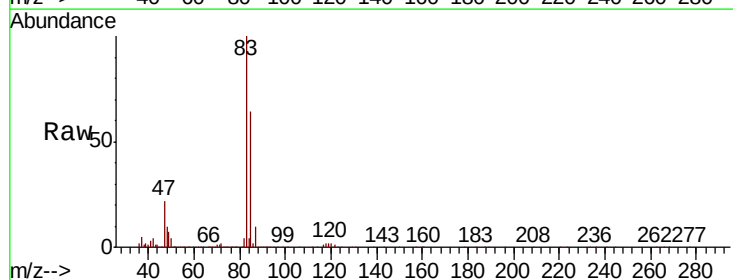
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

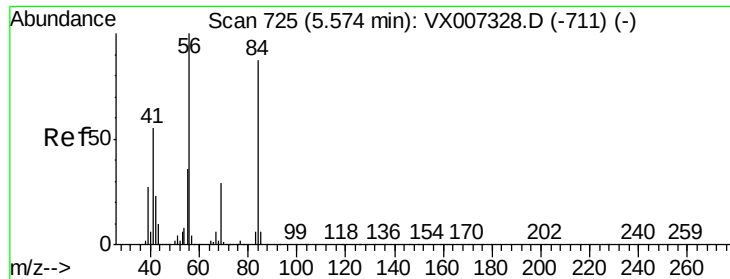
Tgt Ion: 42 Resp: 207183
Ion Ratio Lower Upper
42 100
72 46.1 37.6 56.4
71 43.9 34.6 51.8



#30
Chloroform
Concen: 18.740 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 83 Resp: 155016
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4

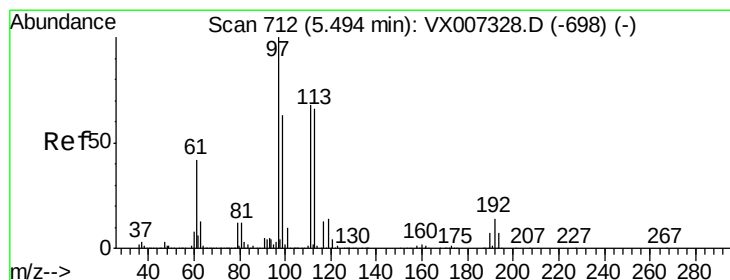
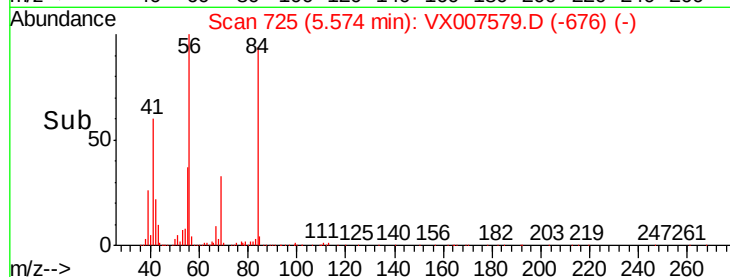
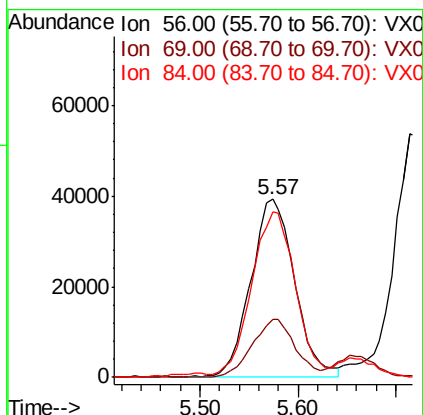
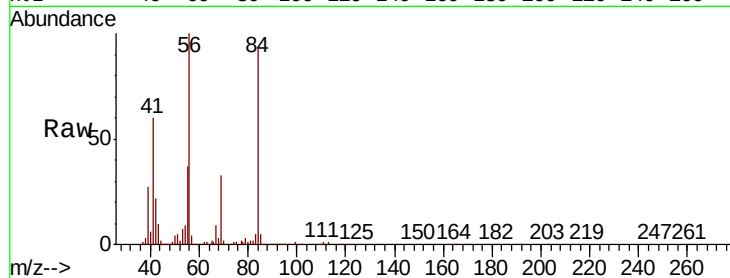




#31
Cyclohexane
Concen: 17.242 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

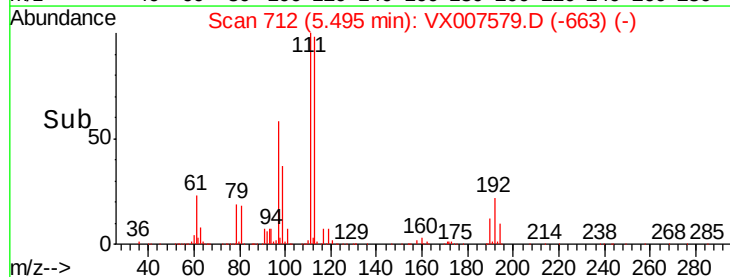
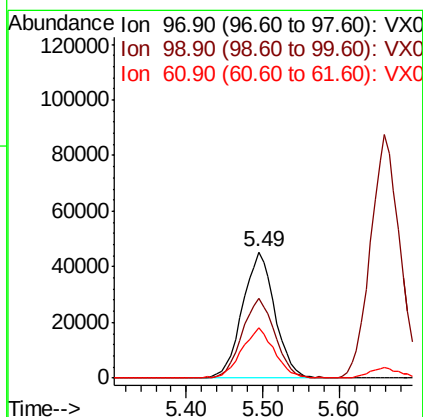
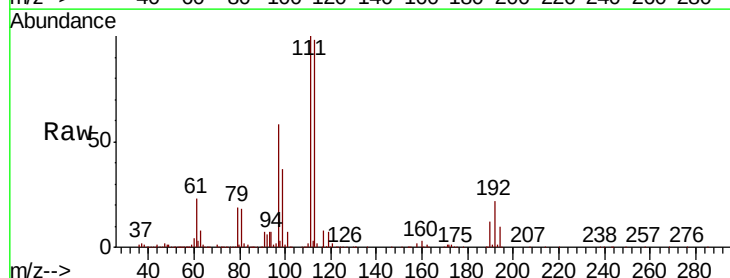
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

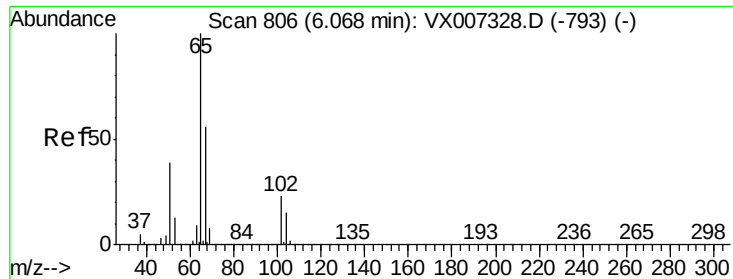
Tgt Ion: 56 Resp: 122760
Ion Ratio Lower Upper
56 100
69 32.4 23.0 34.6
84 91.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.014 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 97 Resp: 132760
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 39.9 32.7 49.1

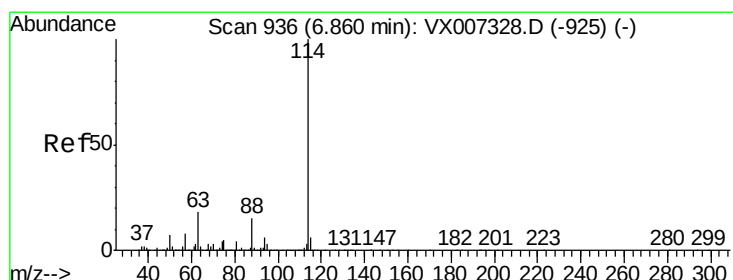
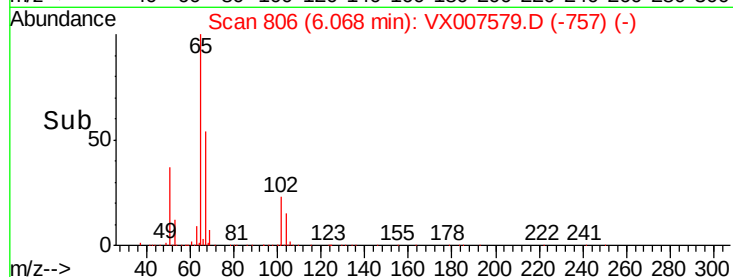
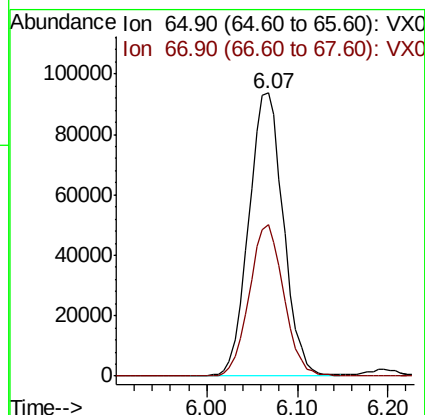
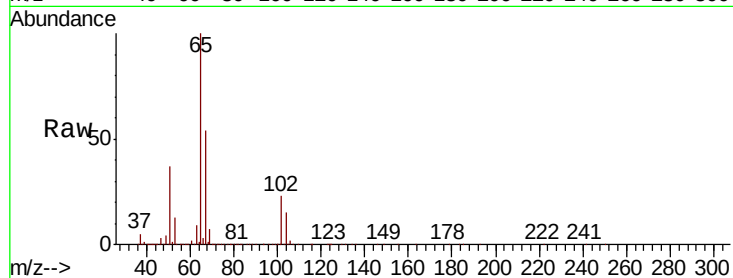




#33
 1,2-Dichloroethane-d4
 Concen: 48.377 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

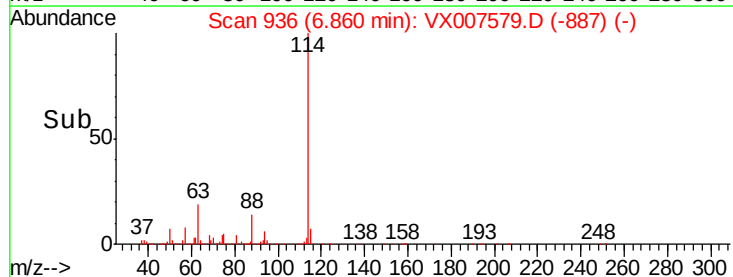
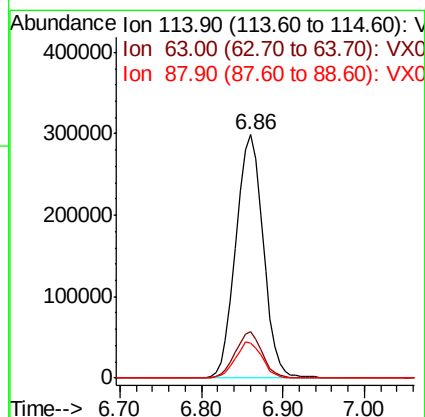
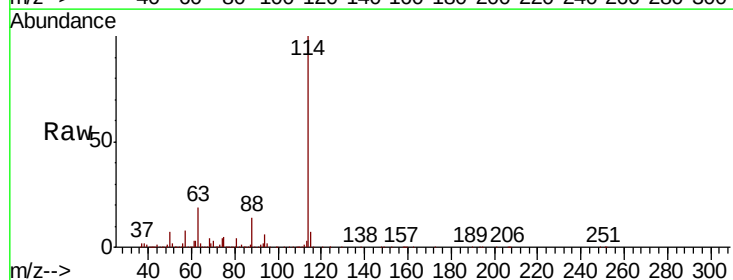
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

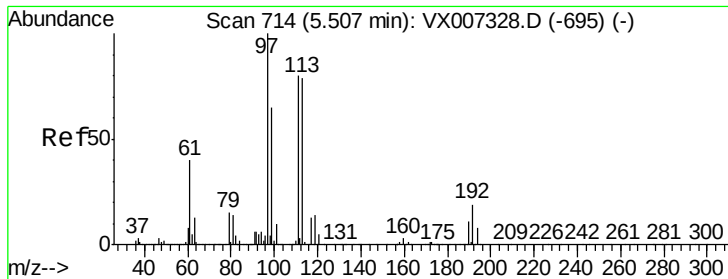
Tgt Ion: 65 Resp: 247685
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion: 114 Resp: 693780
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.6
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.062 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

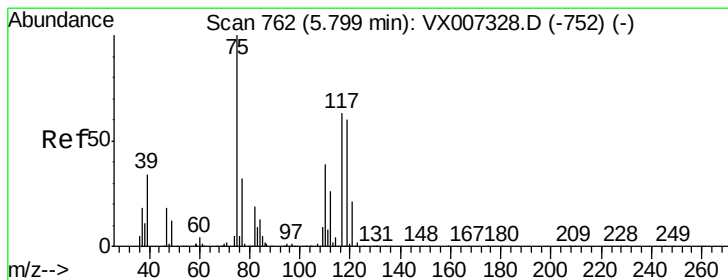
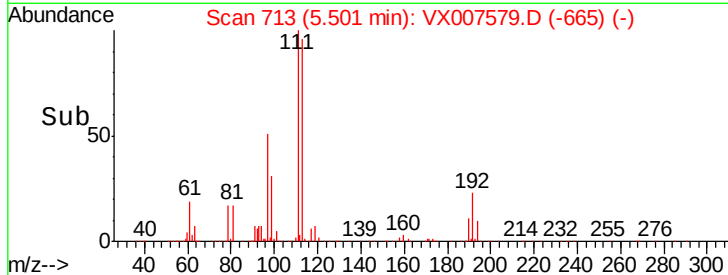
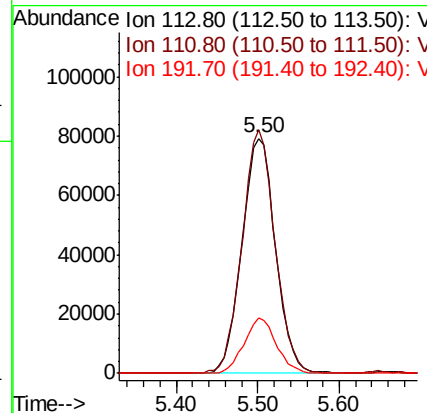
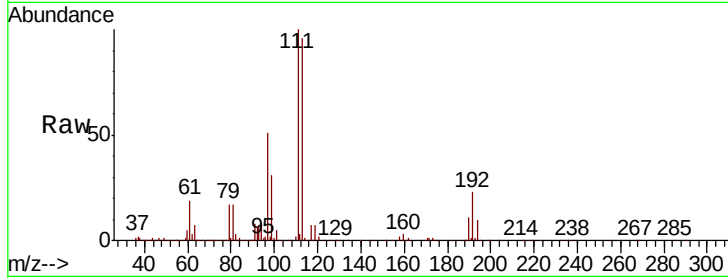
Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tgt Ion:	113	Resp:	225991
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	22.9	18.5	27.7



#36

1,1-Dichloropropene

Concen: 17.100 ug/l

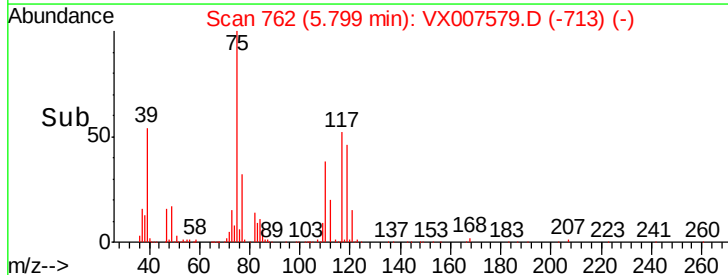
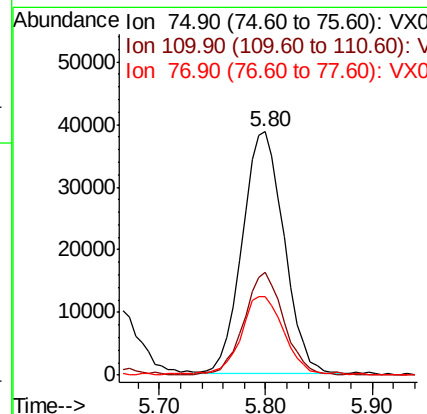
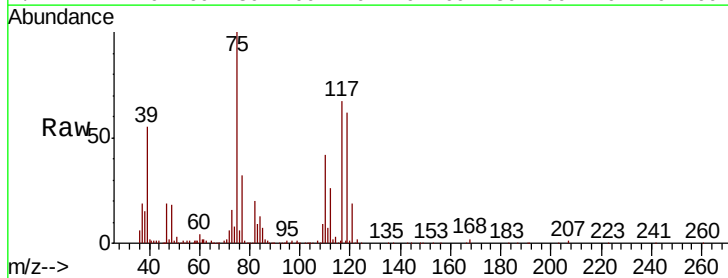
RT: 5.80 min Scan# 762

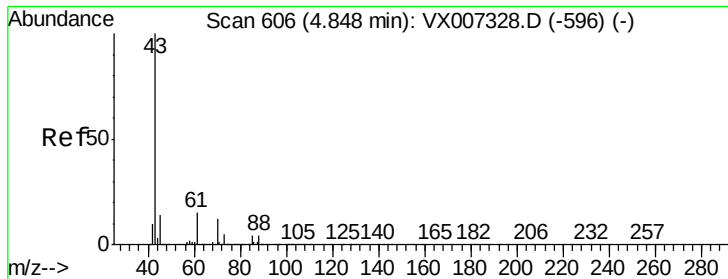
Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Tgt Ion:	75	Resp:	106444
Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.0	59.9
77	31.6	24.7	37.1

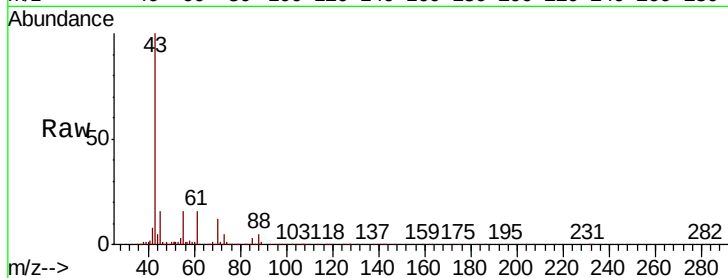




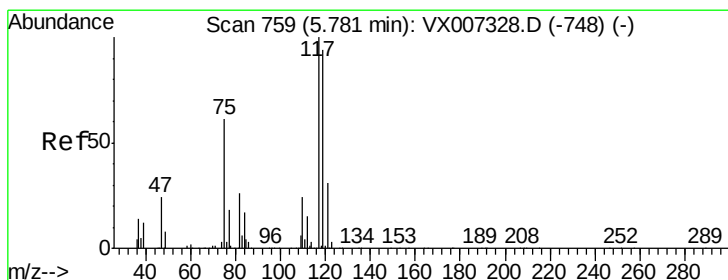
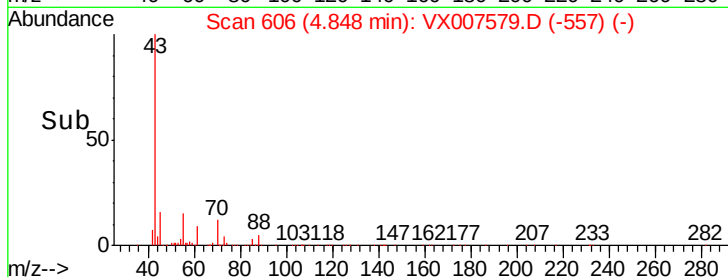
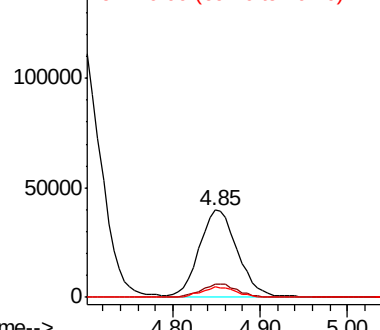
#37
Ethyl Acetate
Concen: 18.889 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0218WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.5	8.6	13.0

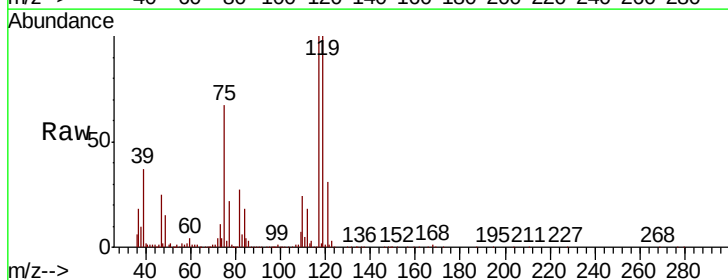


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

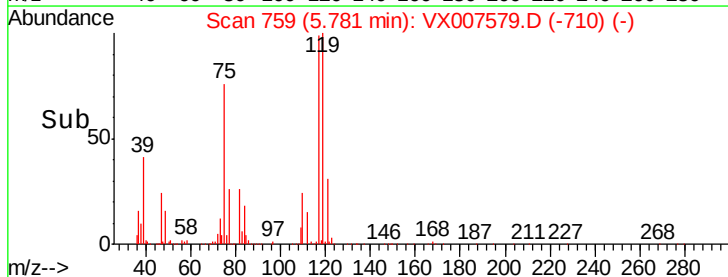
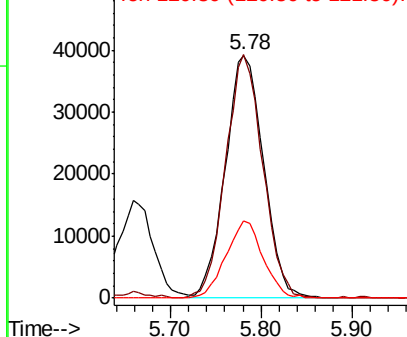


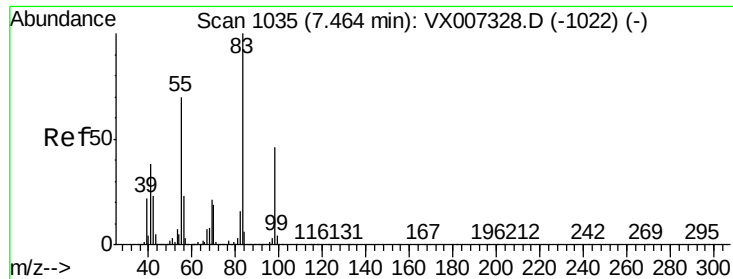
#38
Carbon Tetrachloride
Concen: 19.047 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.3	112.9
121	31.6	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

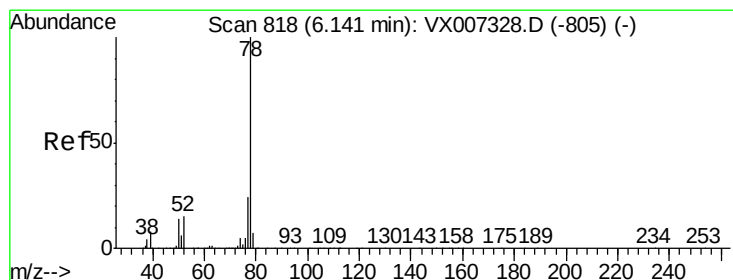
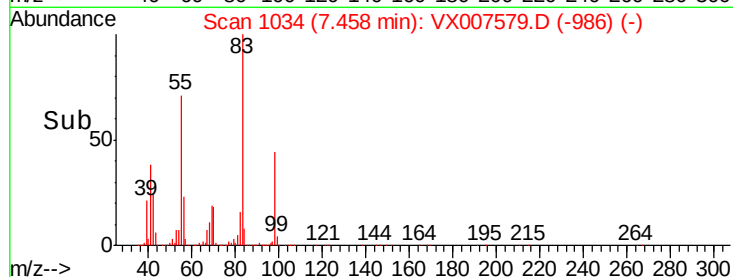
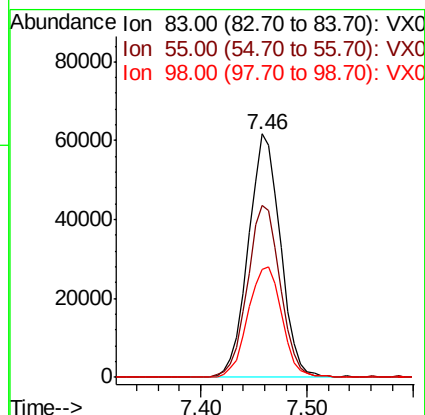
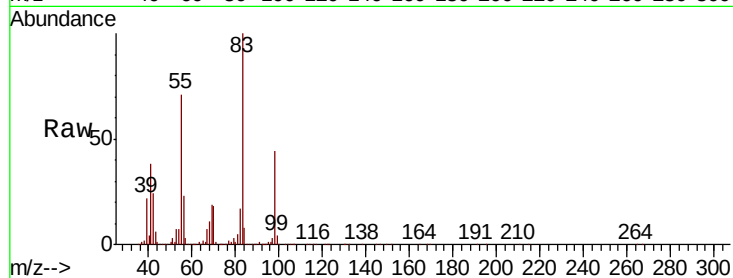




#39
Methylcyclohexane
Concen: 17.292 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

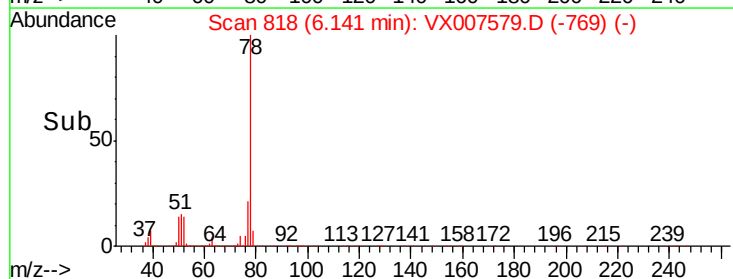
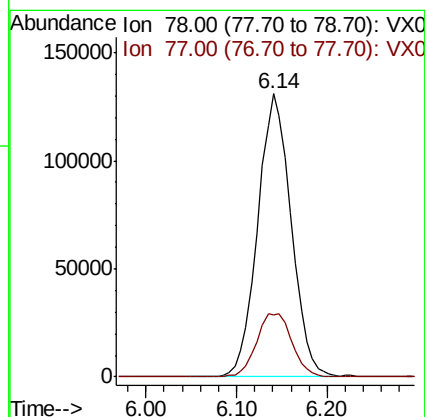
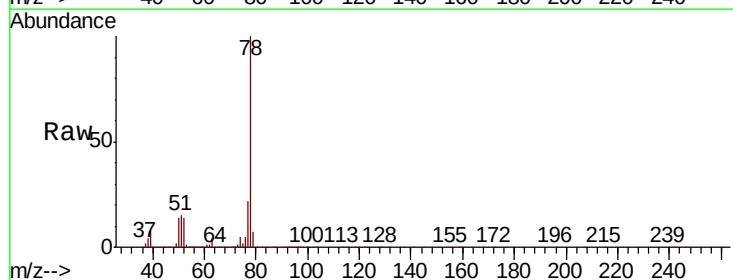
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

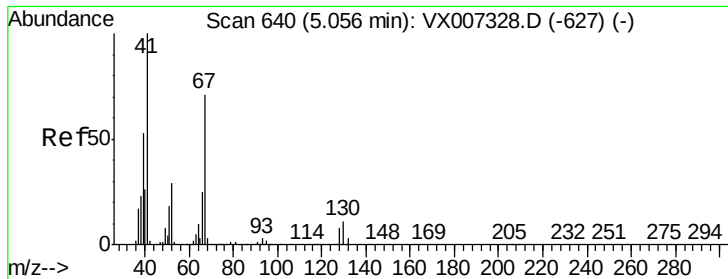
Tgt Ion: 83 Resp: 130234
Ion Ratio Lower Upper
83 100
55 70.6 56.2 84.2
98 44.4 36.8 55.2



#40
Benzene
Concen: 18.208 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 78 Resp: 333864
Ion Ratio Lower Upper
78 100
77 21.8 19.3 28.9





#41

Methacrylonitrile

Concen: 19.951 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tgt Ion: 41 Resp: 67286

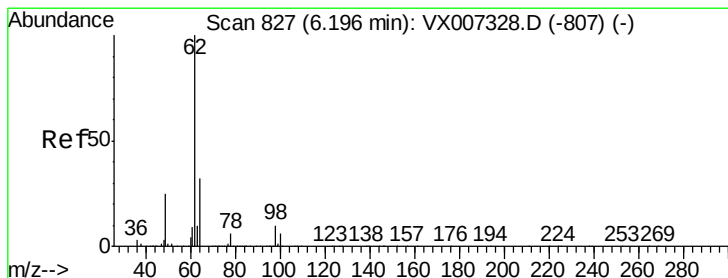
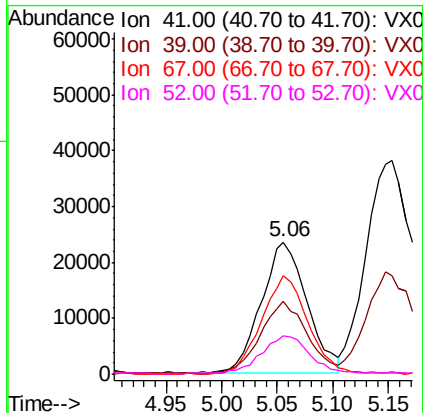
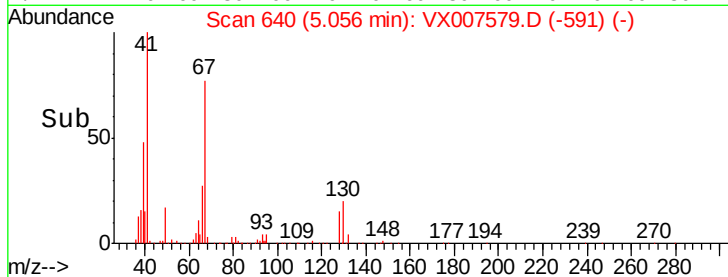
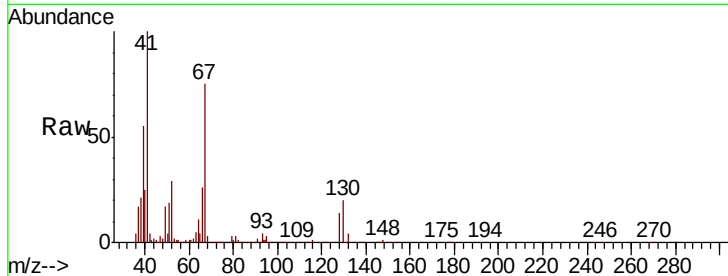
Ion Ratio Lower Upper

41 100

39 56.1 44.5 66.7

67 75.8 60.4 90.6

52 30.4 24.1 36.1



#42

1,2-Dichloroethane

Concen: 18.190 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007579.D

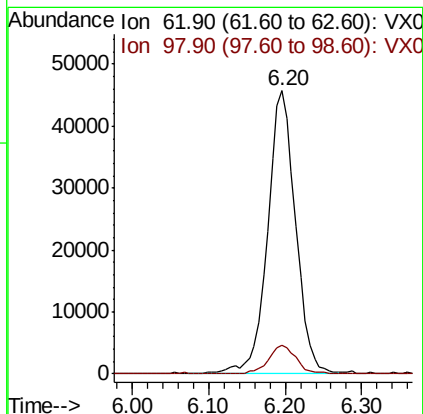
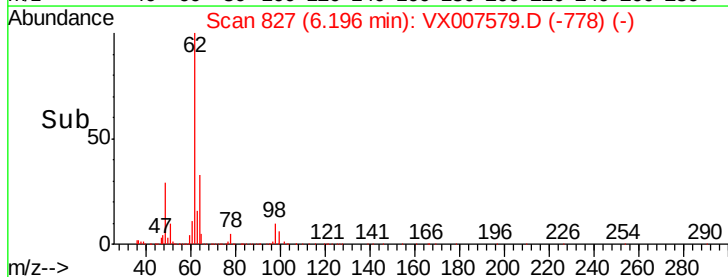
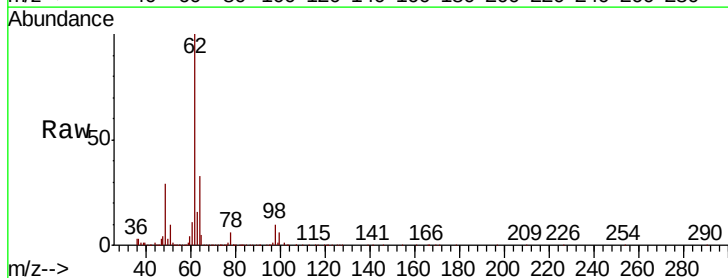
Acq: 18 Feb 2019 11:05

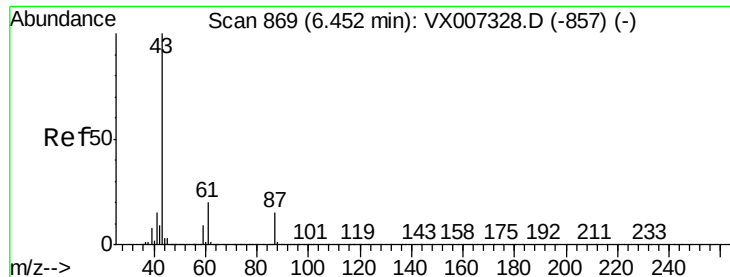
Tgt Ion: 62 Resp: 115406

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.0





#43

Isopropyl Acetate

Concen: 19.209 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

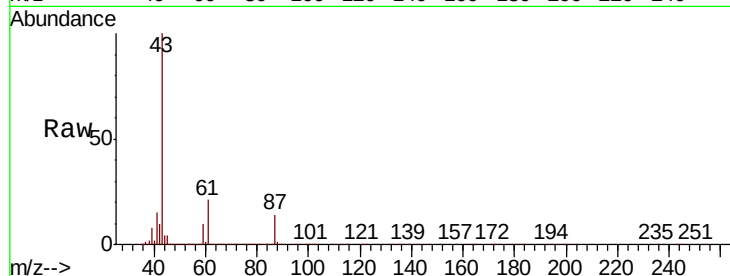
Tgt Ion: 43 Resp: 186567

Ion Ratio Lower Upper

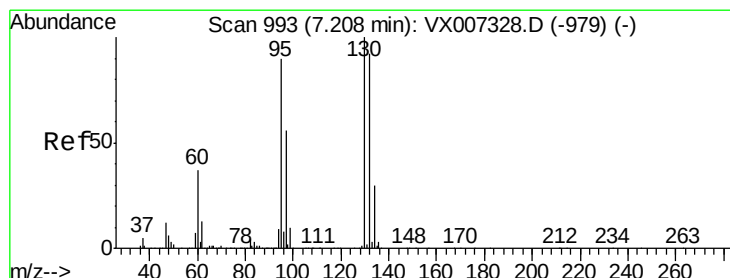
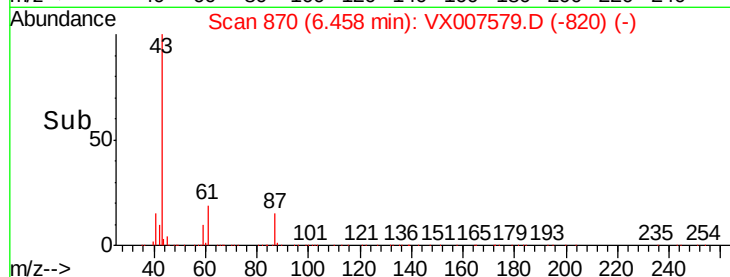
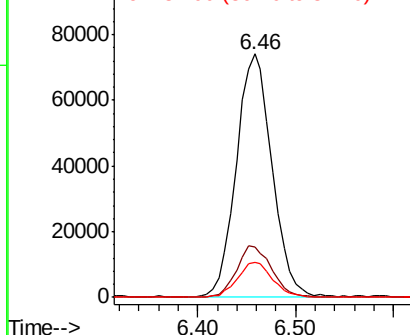
43 100

61 20.7 16.1 24.1

87 14.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.636 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007579.D

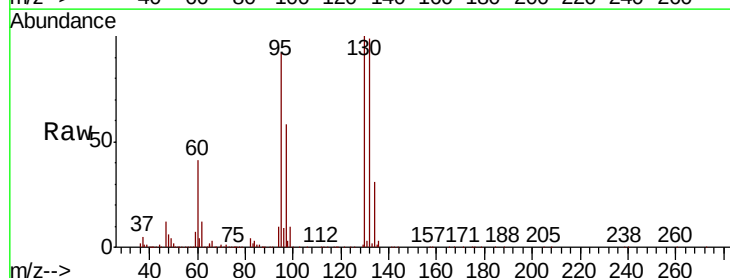
Acq: 18 Feb 2019 11:05

Tgt Ion:130 Resp: 97394

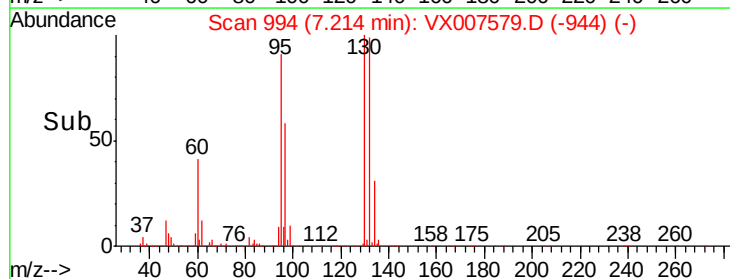
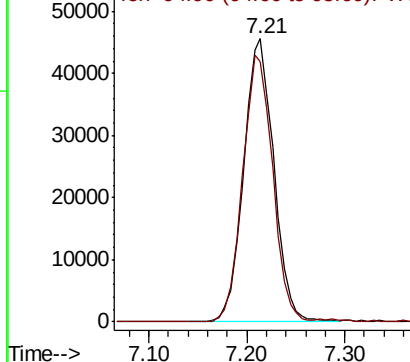
Ion Ratio Lower Upper

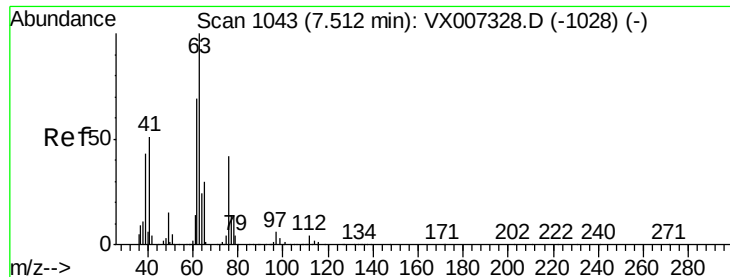
130 100

95 91.7 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.949 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

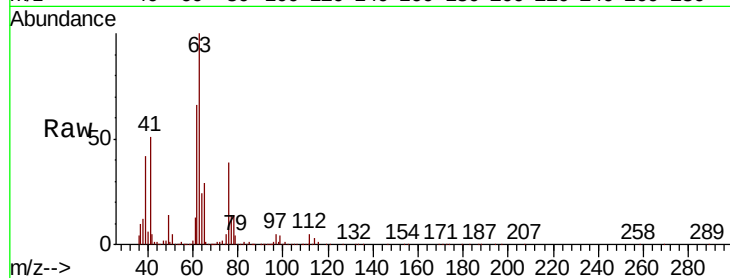
VX0218WBS01

Tgt Ion: 63 Resp: 87059

Ion Ratio Lower Upper

63 100

65 29.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

20000

10000

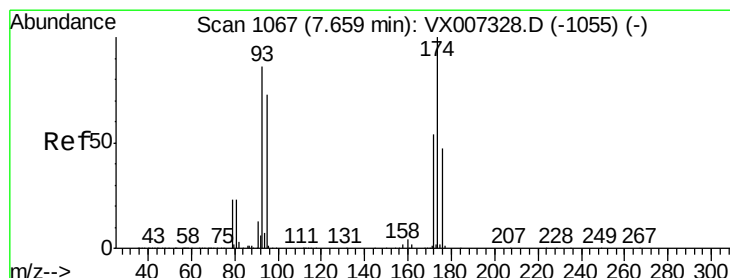
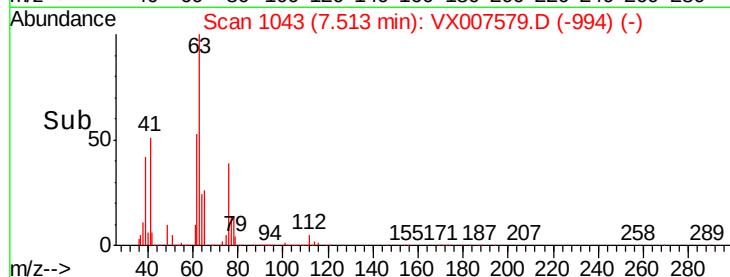
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 18.159 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

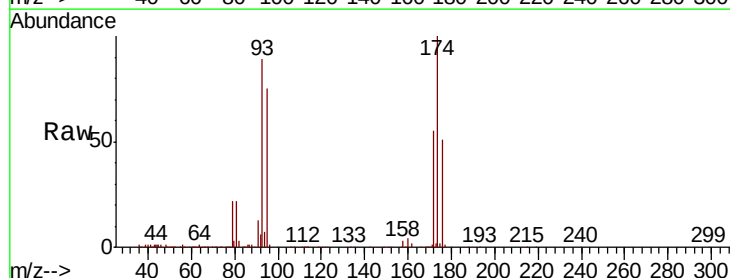
Tgt Ion: 93 Resp: 60637

Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 115.7 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

20000

10000

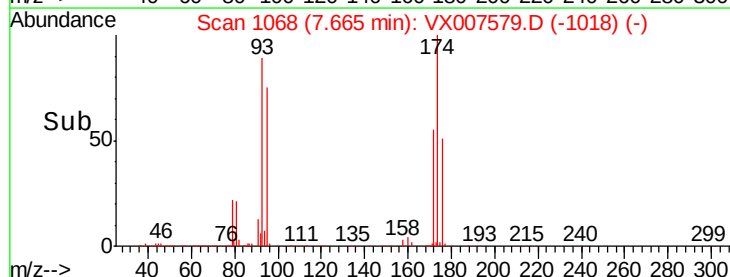
0

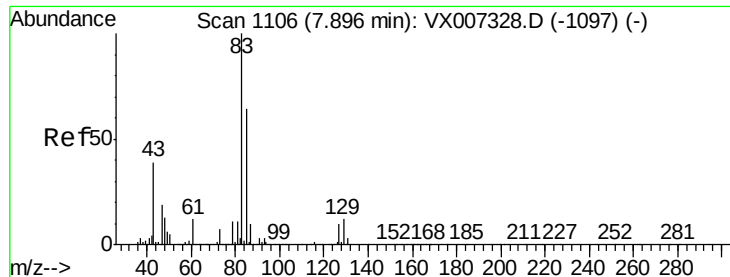
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 19.280 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

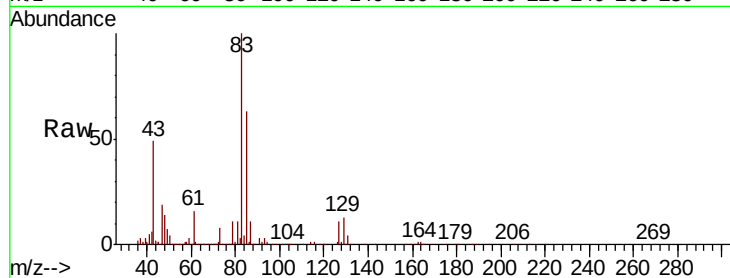
Tgt Ion: 83 Resp: 109105

Ion Ratio Lower Upper

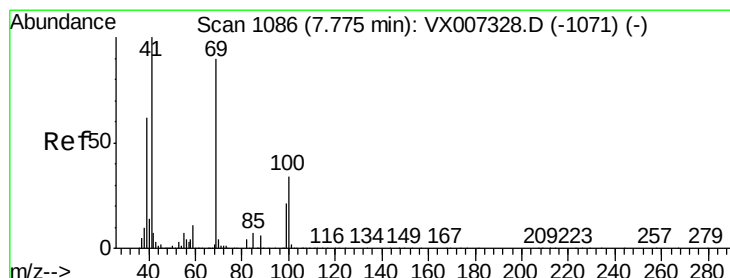
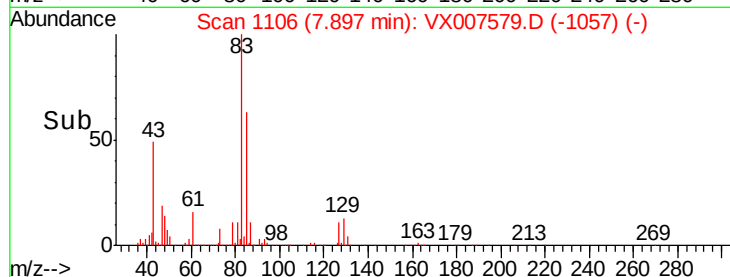
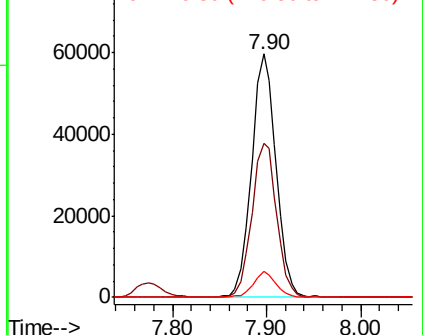
83 100

85 63.0 51.4 77.0

127 10.7 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: 19.448 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

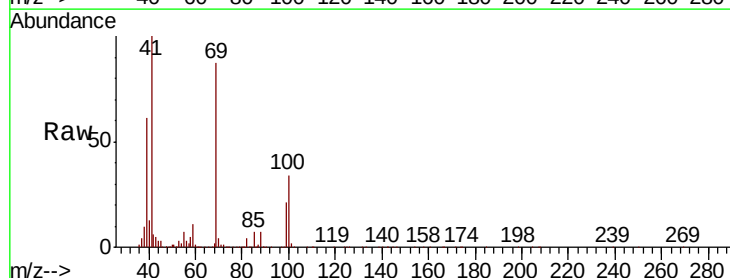
Tgt Ion: 41 Resp: 94485

Ion Ratio Lower Upper

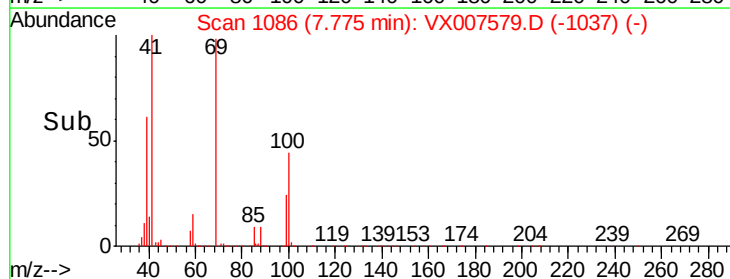
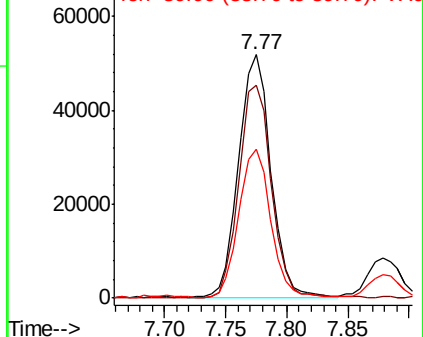
41 100

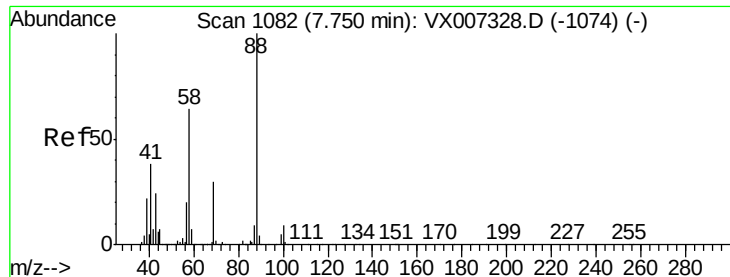
69 89.3 70.2 105.4

39 60.1 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: 390.526 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

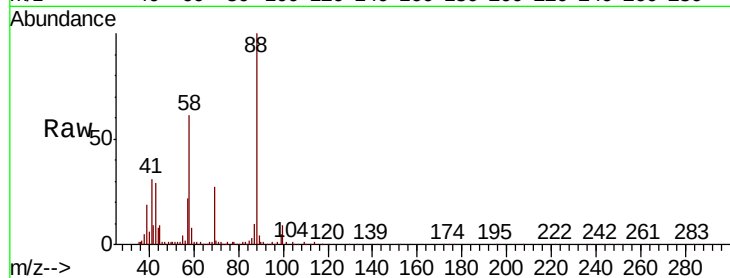
Tgt Ion: 88 Resp: 42681

Ion Ratio Lower Upper

88 100

43 30.6 24.2 36.4

58 68.2 53.0 79.4

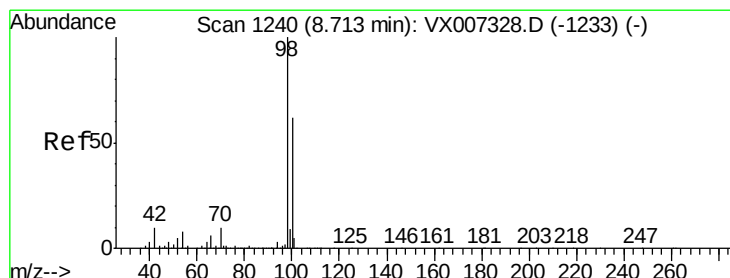
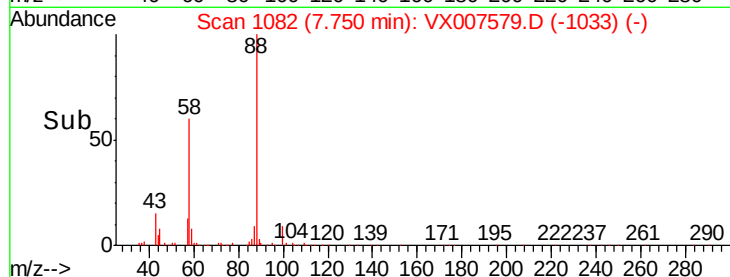
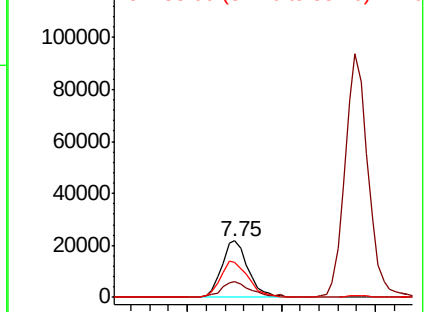


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.238 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007579.D

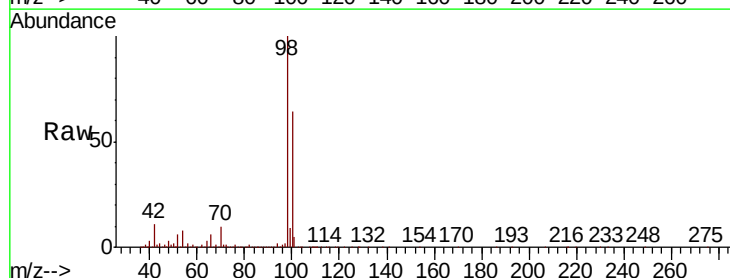
Acq: 18 Feb 2019 11:05

Tgt Ion: 98 Resp: 807907

Ion Ratio Lower Upper

98 100

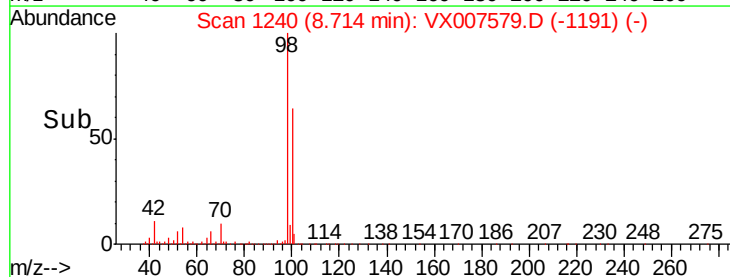
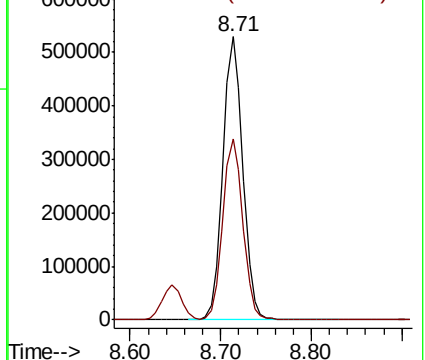
100 64.4 51.6 77.4

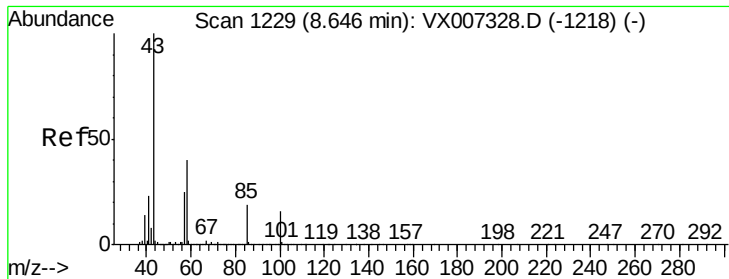


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

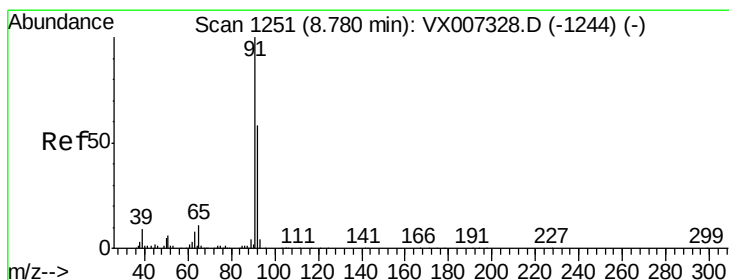
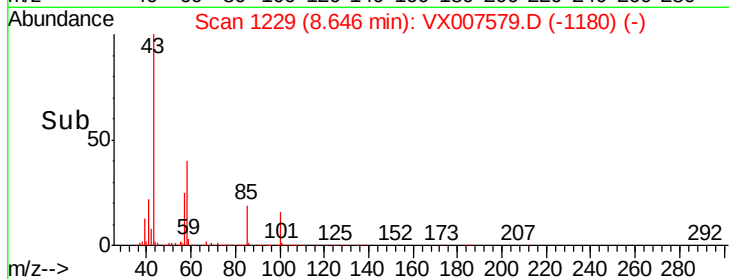
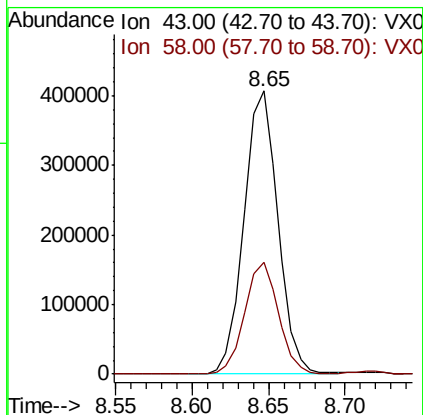
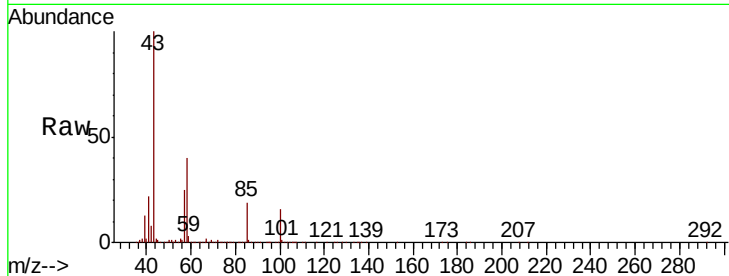




#51
 4-Methyl-2-Pentanone
 Concen: 98.300 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

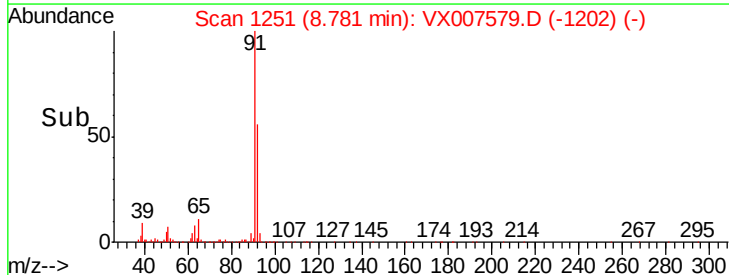
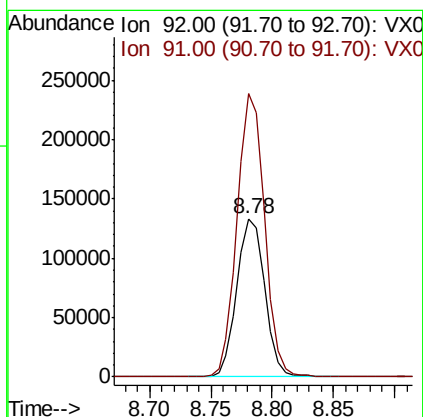
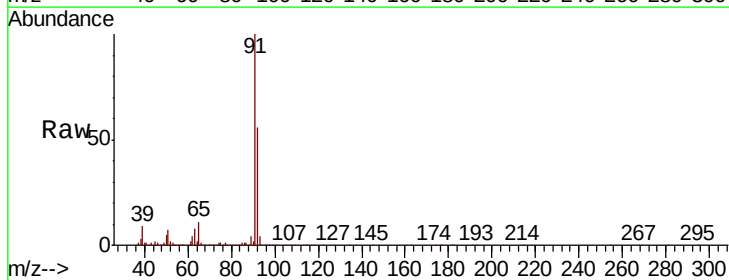
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

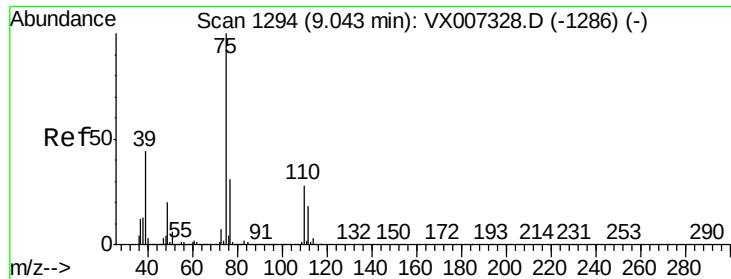
Tgt Ion: 43 Resp: 628522
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8



#52
 Toluene
 Concen: 17.815 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion: 92 Resp: 210762
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.966 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

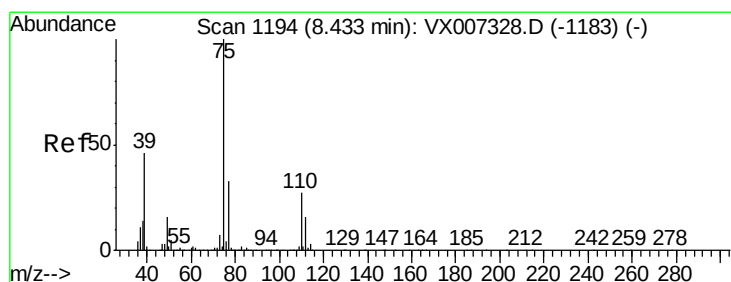
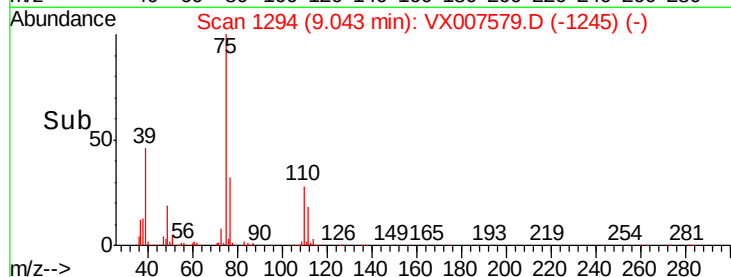
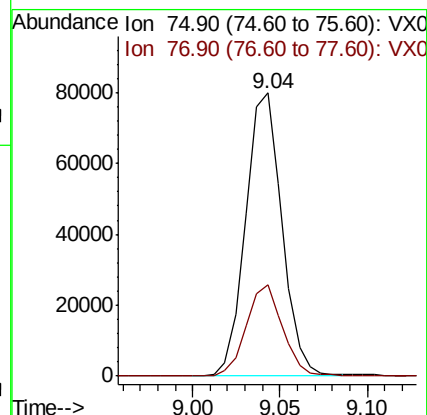
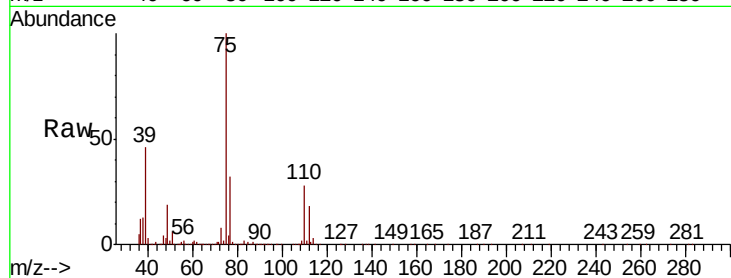
VX0218WBS01

Tgt Ion: 75 Resp: 115287

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.327 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

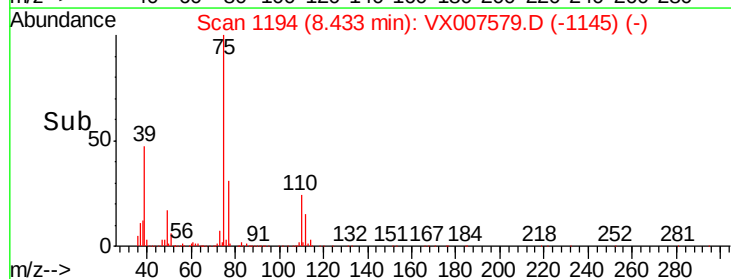
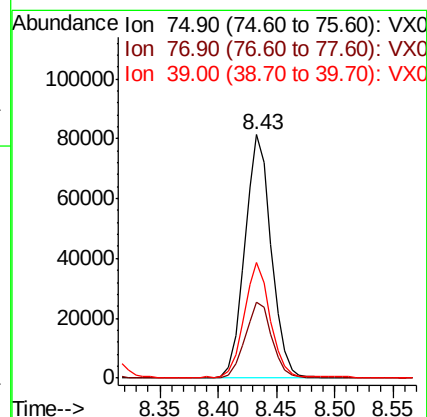
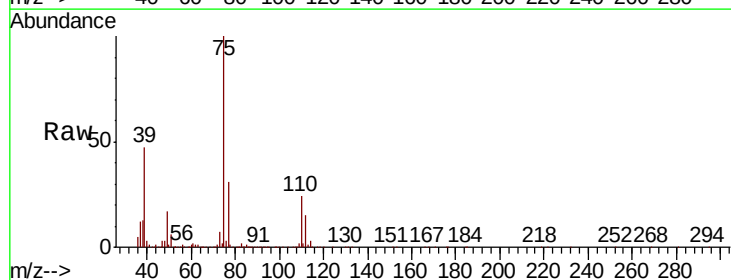
Tgt Ion: 75 Resp: 129196

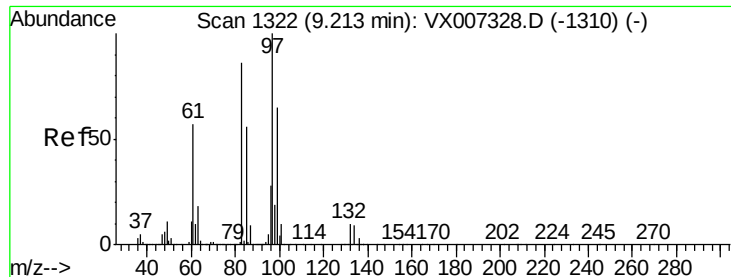
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 47.1 37.1 55.7

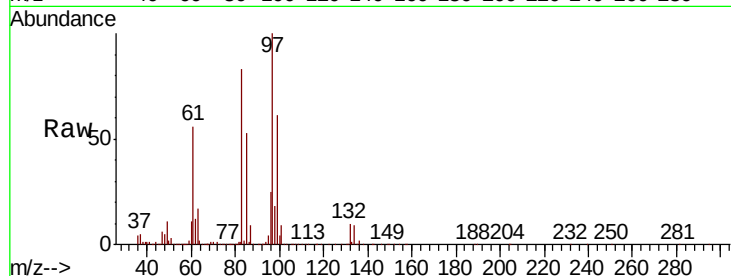




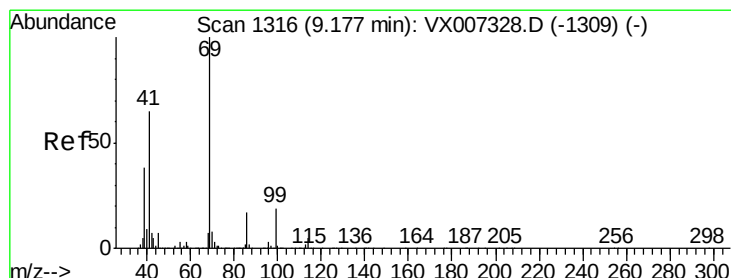
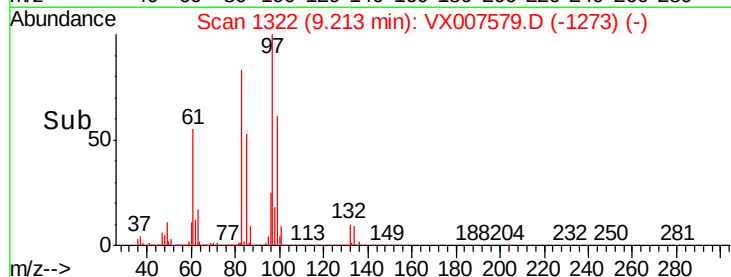
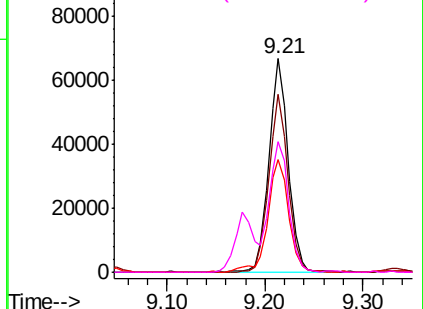
#55
 1,1,2-Trichloroethane
 Concen: 18.851 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0218WBS01

Tgt Ion:	97	Resp:	92964
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.6	102.8
85	53.0	44.5	66.7
99	61.2	52.2	78.4

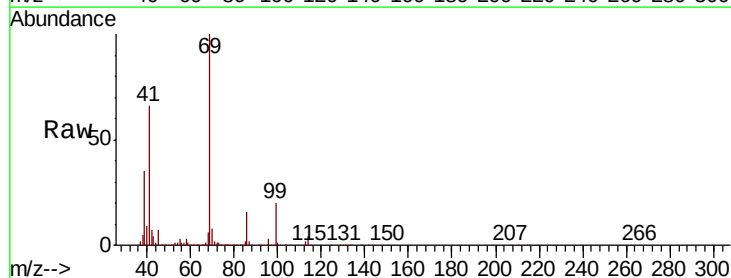


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

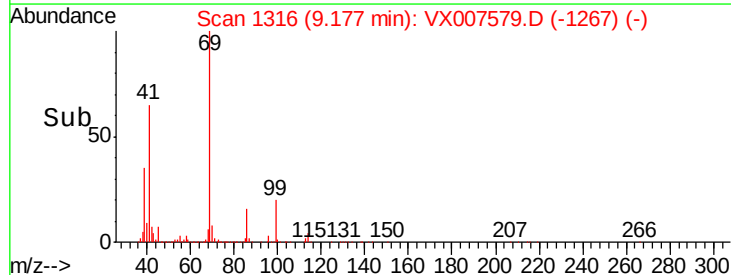
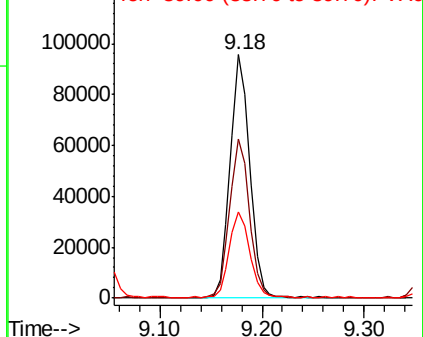


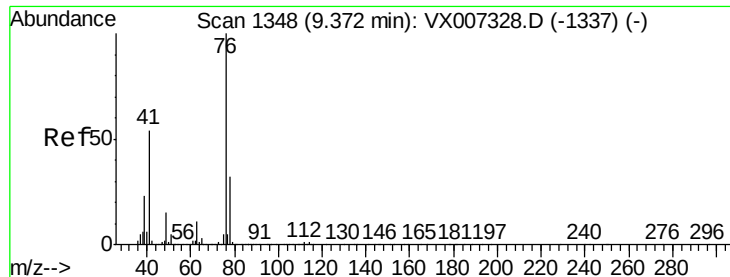
#56
 Ethyl methacrylate
 Concen: 18.725 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion:	69	Resp:	127895
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.1	78.1
39	36.3	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

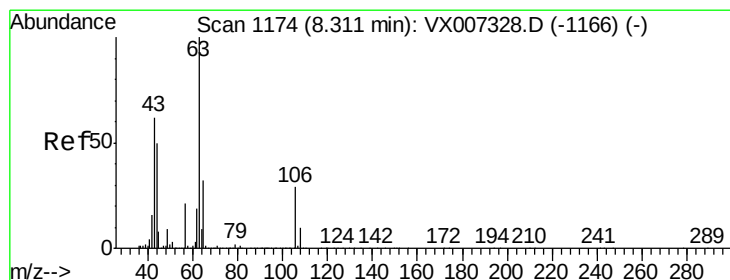
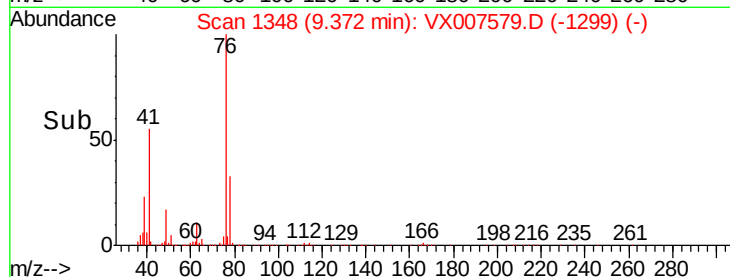
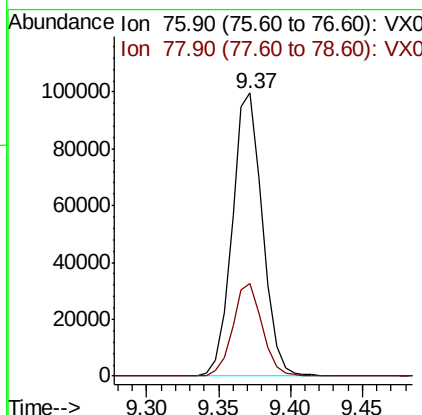
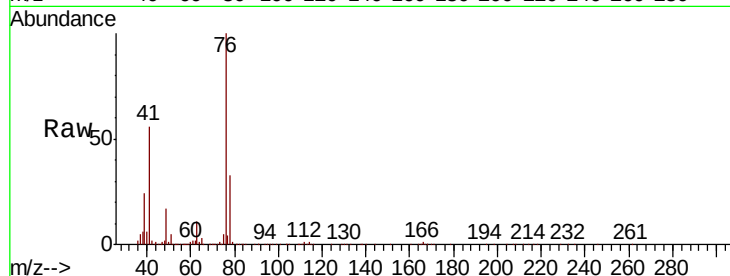




#57
 1,3-Dichloropropane
 Concen: 18.584 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

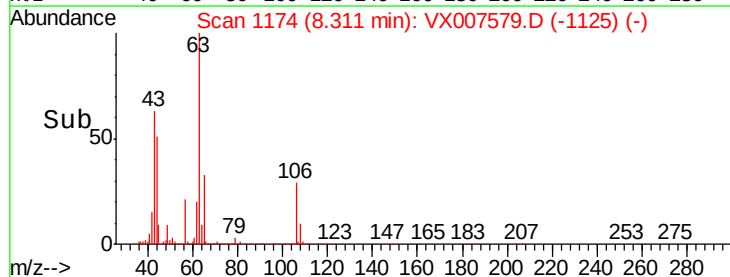
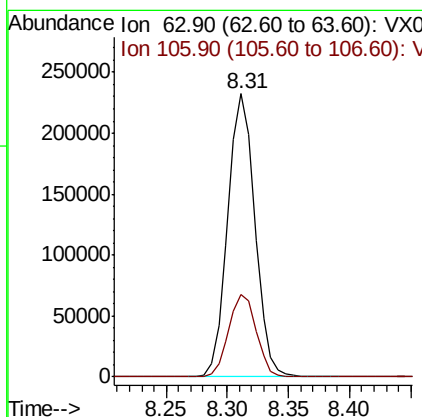
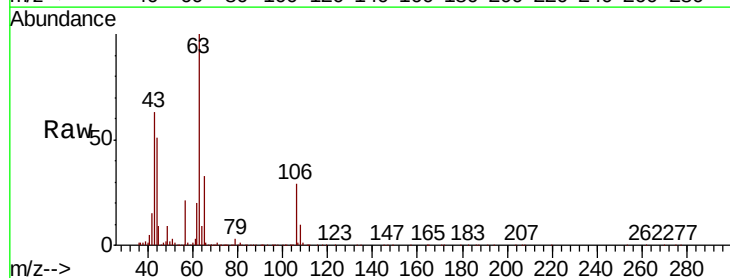
Instrument :
 MSVOA_X
 ClientSampled :
 VX0218WBS01

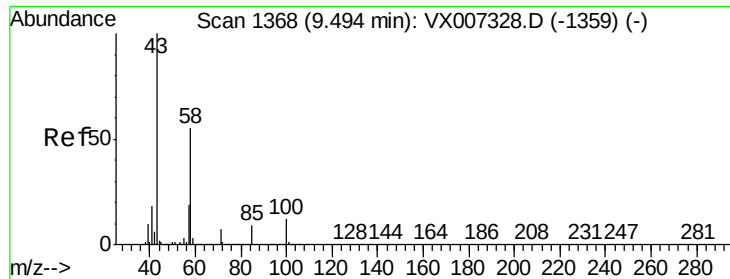
Tgt Ion: 76 Resp: 145747
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.239 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion: 63 Resp: 357266
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.6 35.4

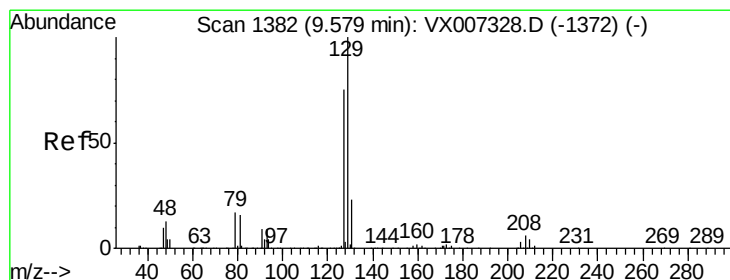
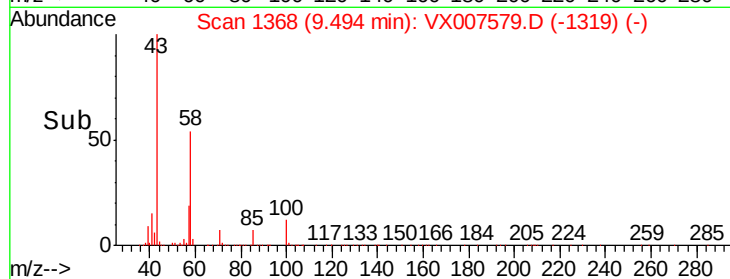
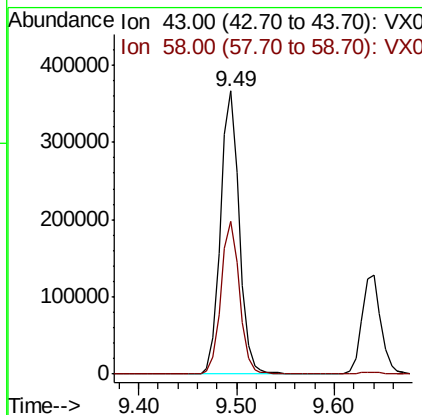
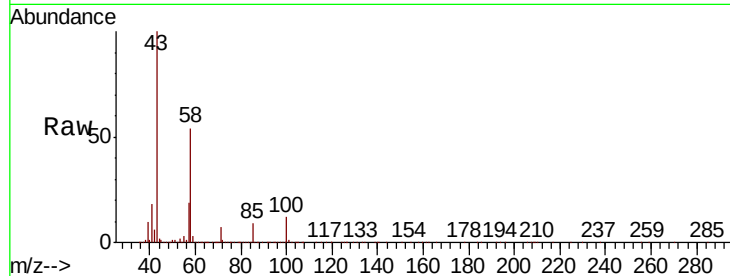




#59
2-Hexanone
Concen: 97.937 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

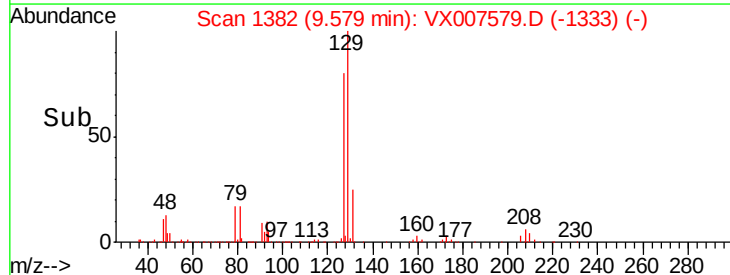
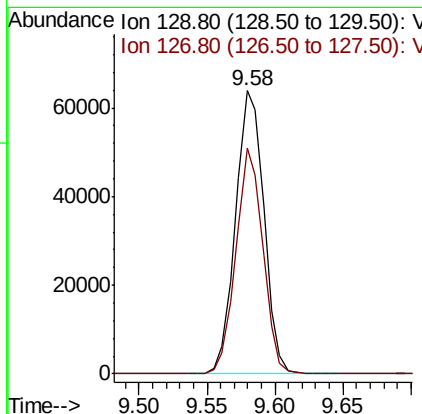
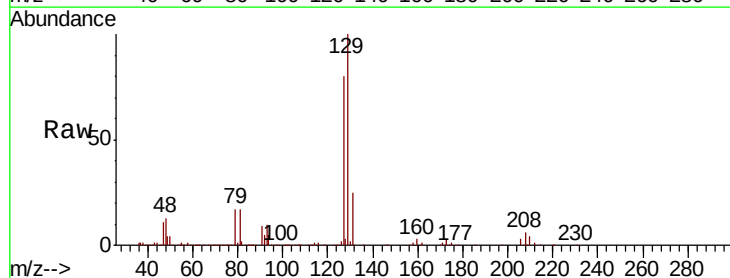
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

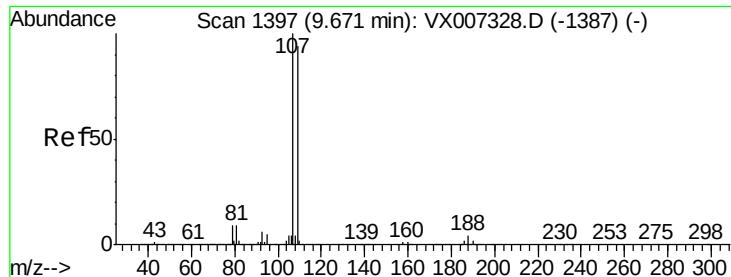
Tgt Ion: 43 Resp: 487287
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.3



#60
Dibromochloromethane
Concen: 19.930 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion: 129 Resp: 92954
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.4

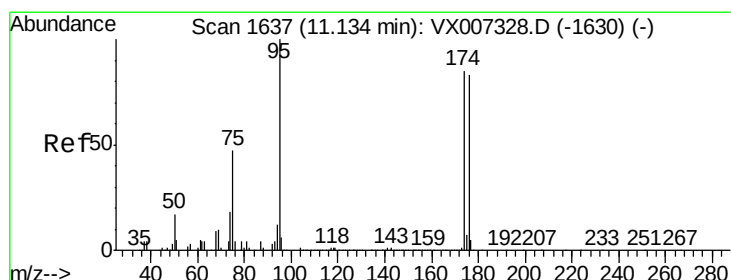
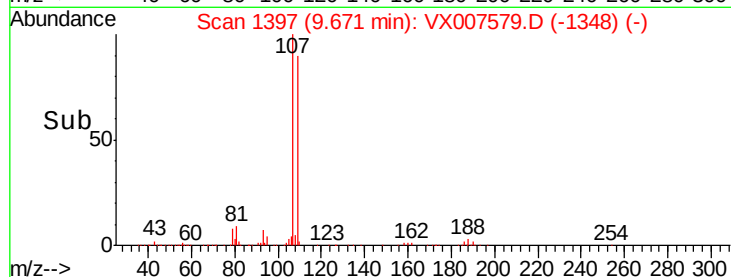
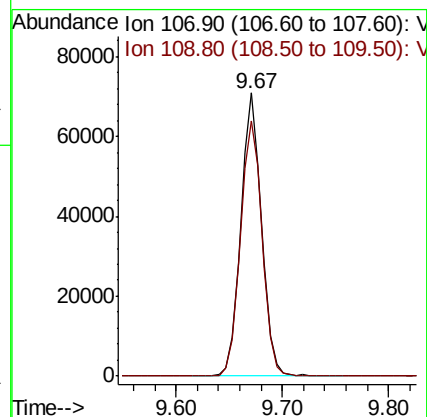
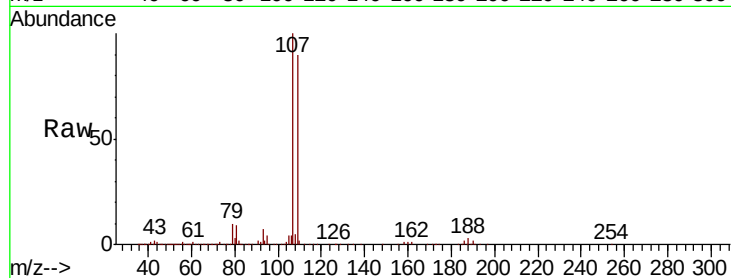




#61
 1,2-Dibromoethane
 Concen: 18.534 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

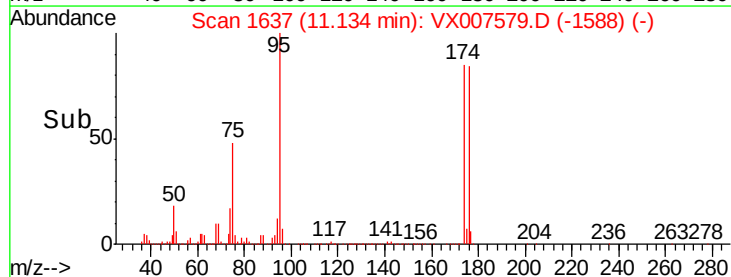
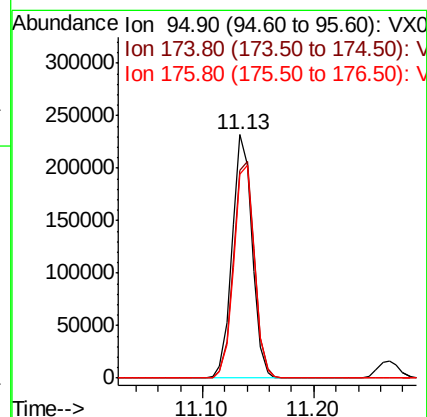
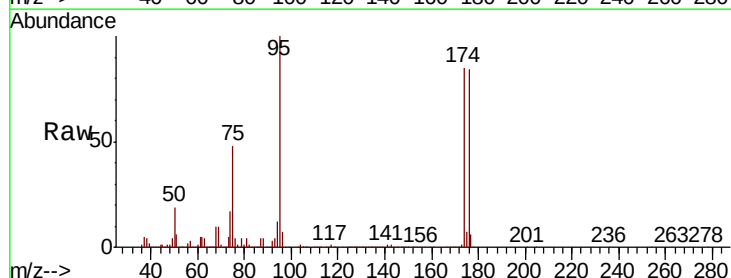
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

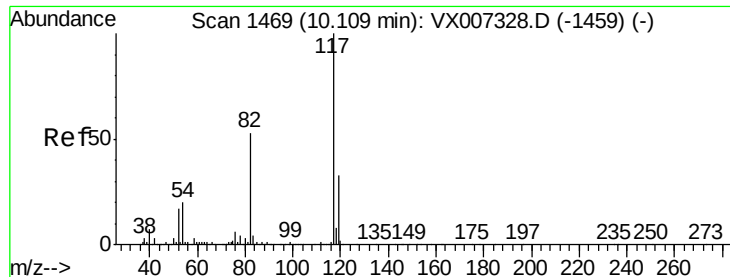
Tgt Ion: 107 Resp: 96795
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.144 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion: 95 Resp: 288276
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 189.2
 176 90.6 0.0 186.2

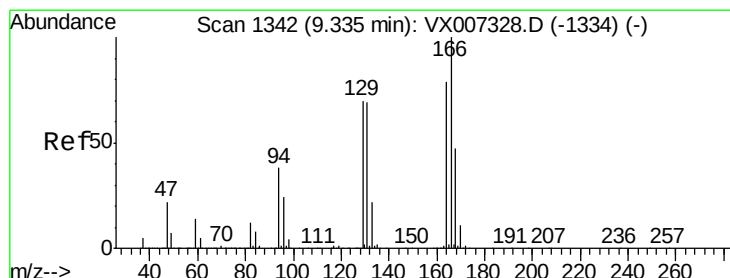
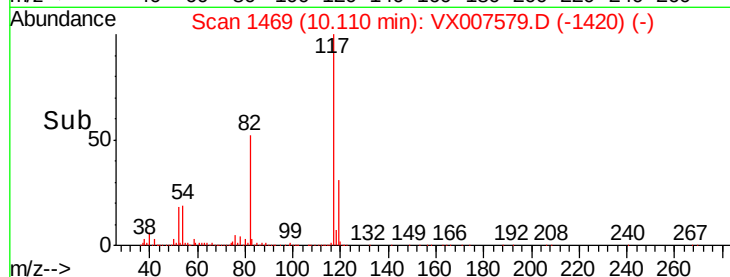
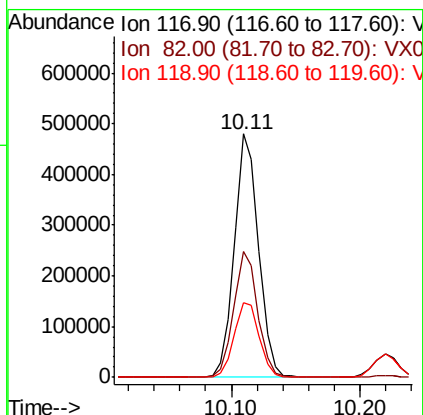
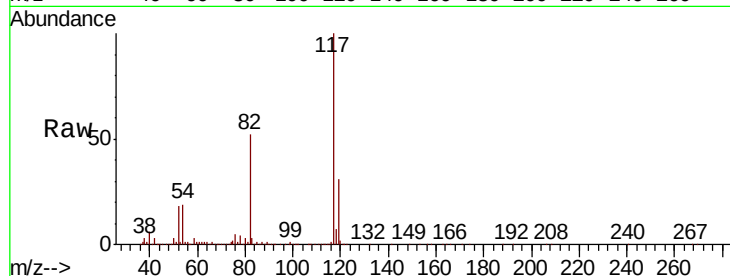




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

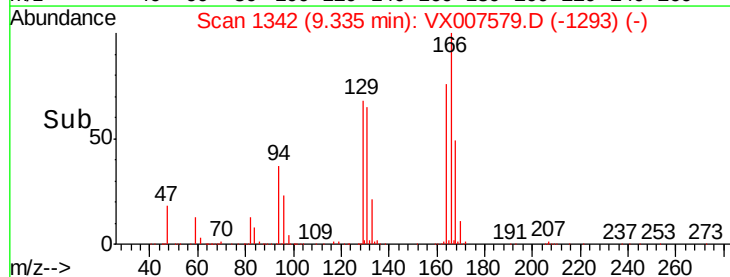
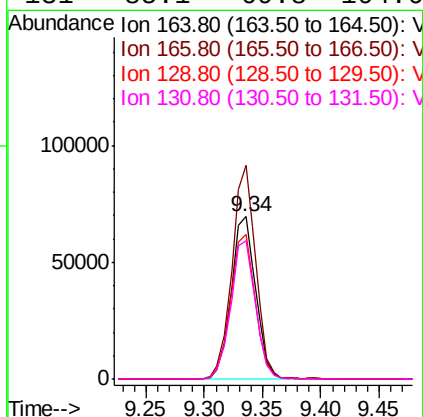
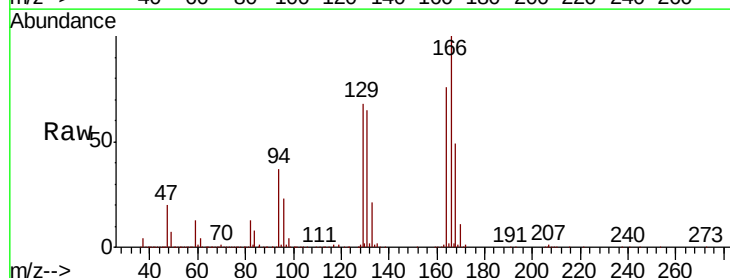
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

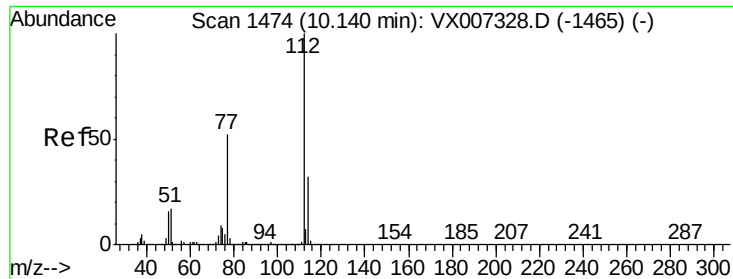
Tgt Ion:117 Resp: 627234
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 30.9 26.5 39.7



#64
Tetrachloroethene
Concen: 17.330 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion:164 Resp: 102454
Ion Ratio Lower Upper
164 100
166 131.6 101.0 151.4
129 89.6 70.5 105.7
131 85.1 69.8 104.6





#65

Chlorobenzene

Concen: 17.959 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

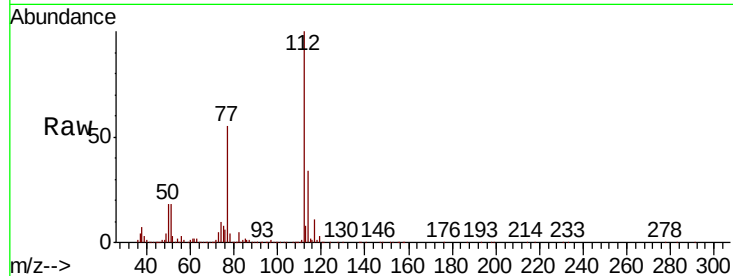
VX0218WBS01

Tgt Ion:112 Resp: 245819

Ion Ratio Lower Upper

112 100

114 33.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

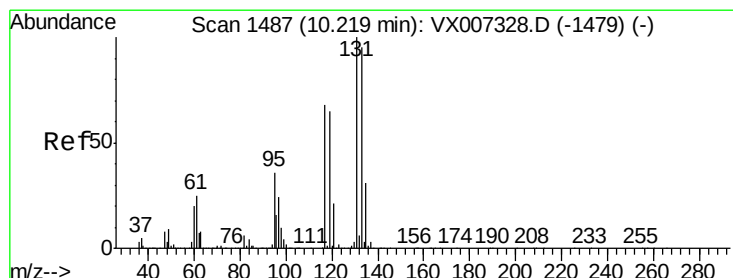
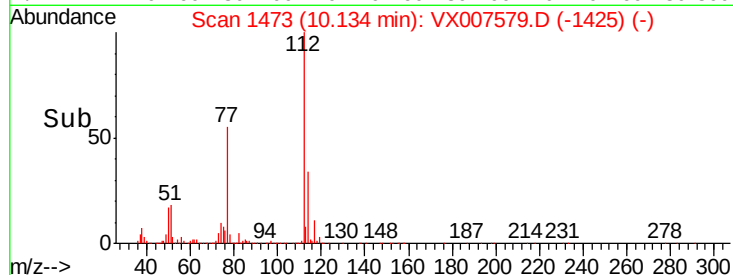
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.799 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

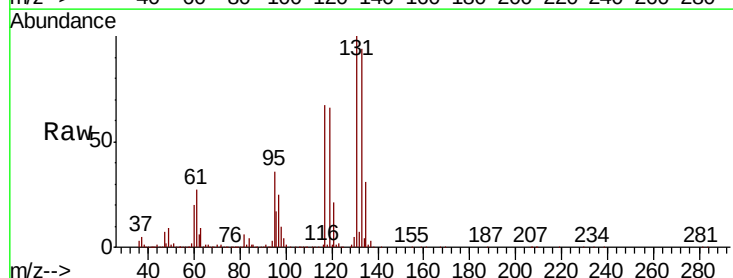
Tgt Ion:131 Resp: 90857

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 65.8 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

80000

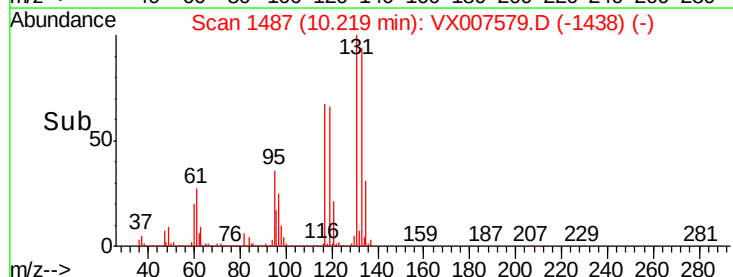
60000

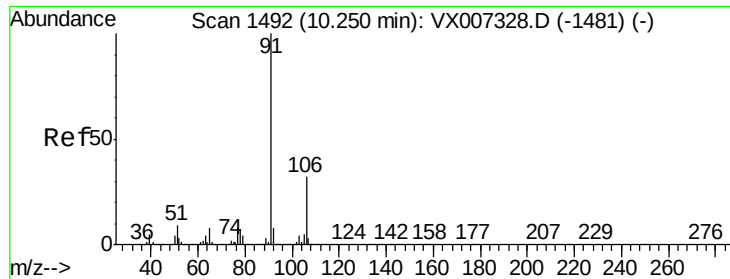
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.362 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

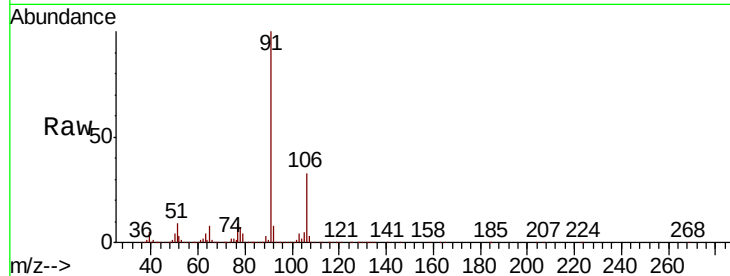
VX0218WBS01

Tgt Ion: 91 Resp: 404742

Ion Ratio Lower Upper

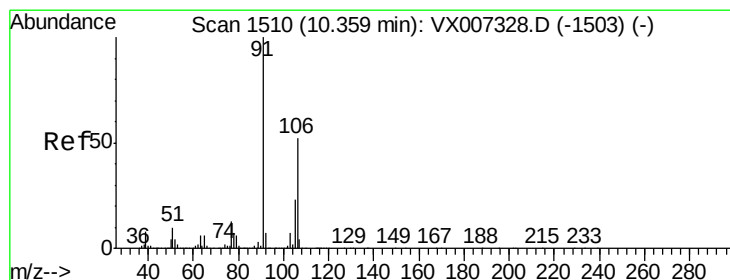
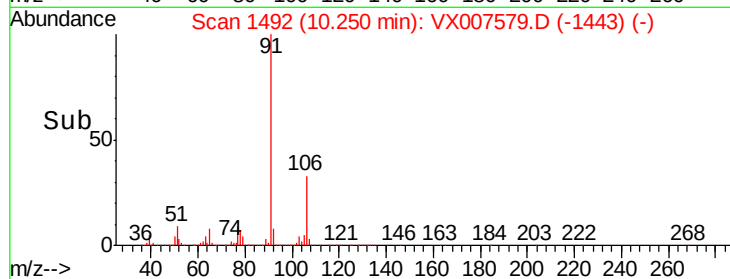
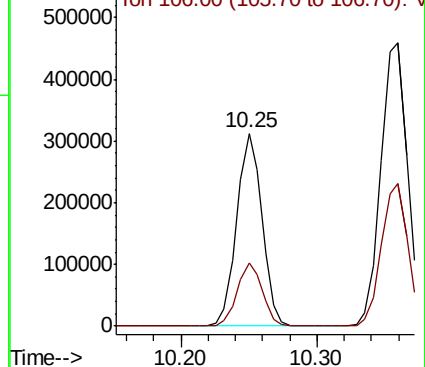
91 100

106 32.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.778 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007579.D

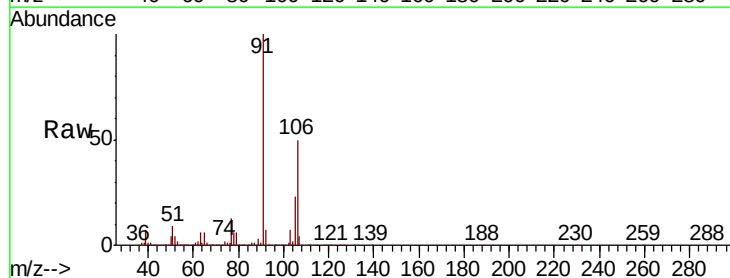
Acq: 18 Feb 2019 11:05

Tgt Ion: 106 Resp: 313487

Ion Ratio Lower Upper

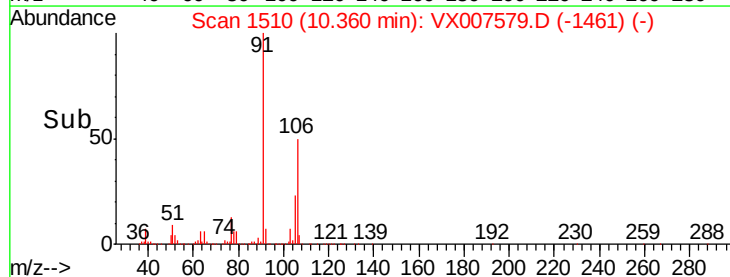
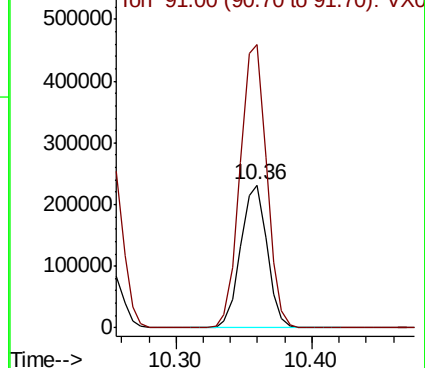
106 100

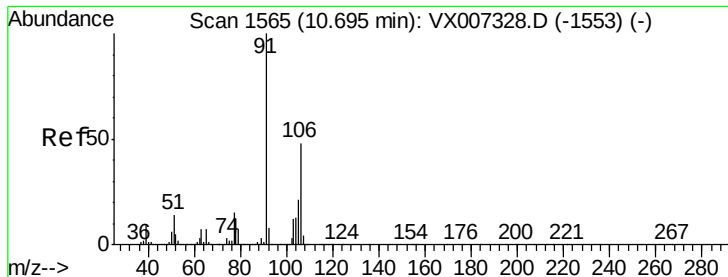
91 199.9 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

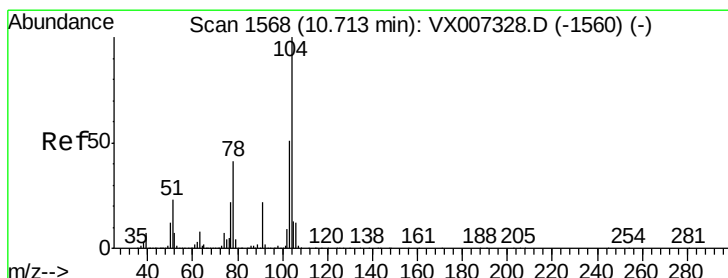
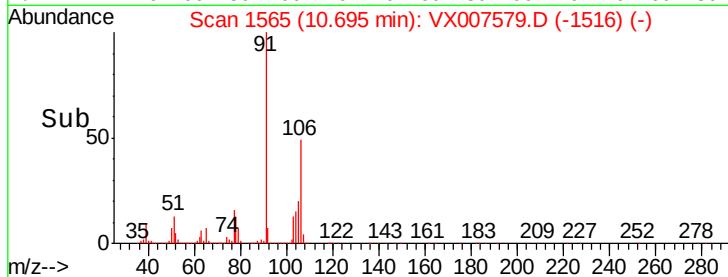
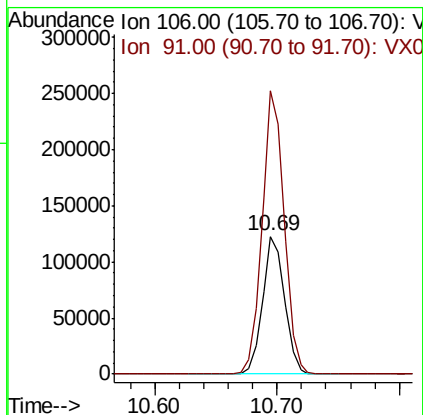
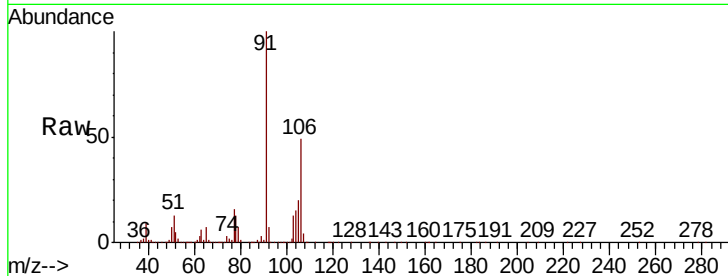




#69
o-Xylene
Concen: 18.318 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

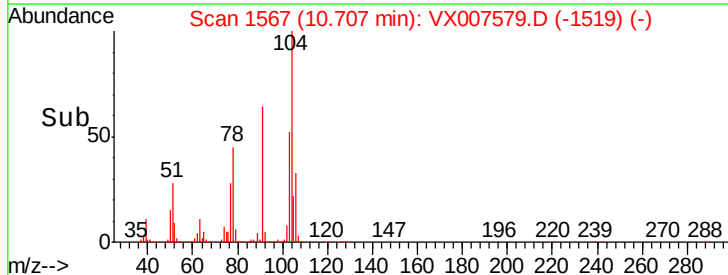
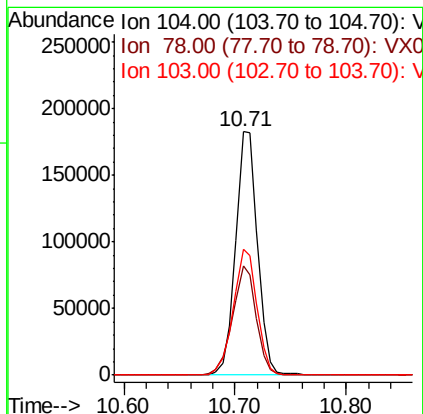
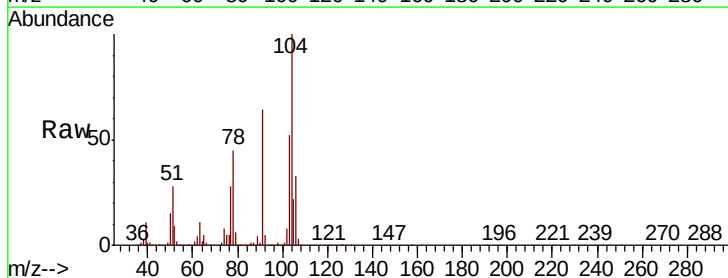
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

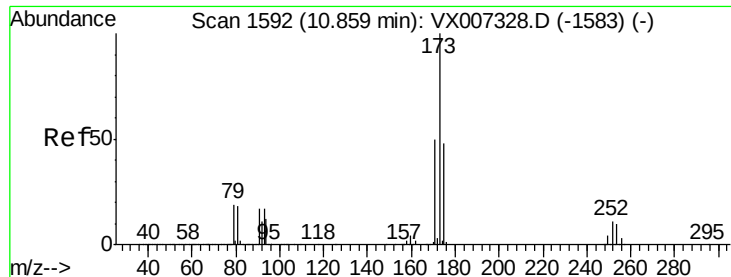
Tgt Ion:106 Resp: 154441
Ion Ratio Lower Upper
106 100
91 206.2 102.9 308.7



#70
Styrene
Concen: 18.205 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX007579.D
Acq: 18 Feb 2019 11:05

Tgt Ion:104 Resp: 248932
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 56.1 44.6 67.0





#71

Bromoform

Concen: 19.870 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

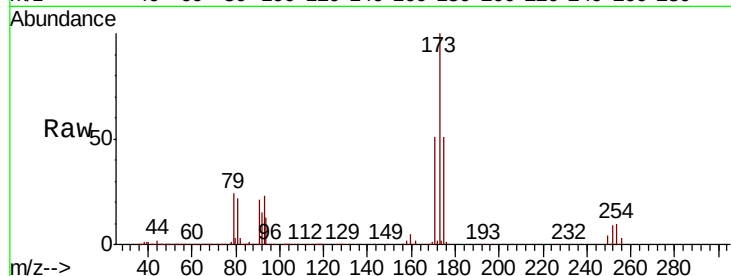
Tgt Ion:173 Resp: 69347

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

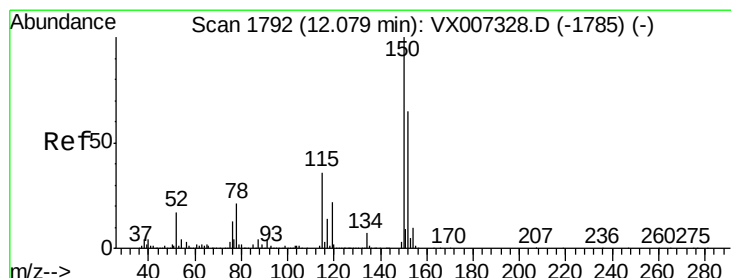
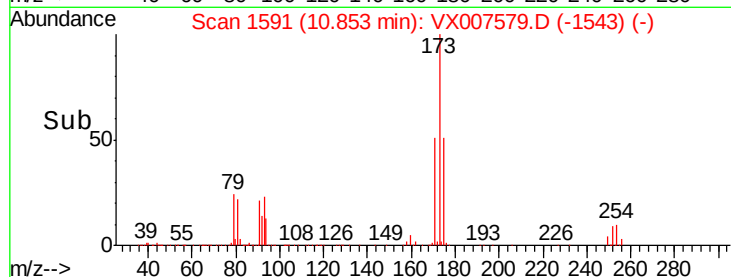
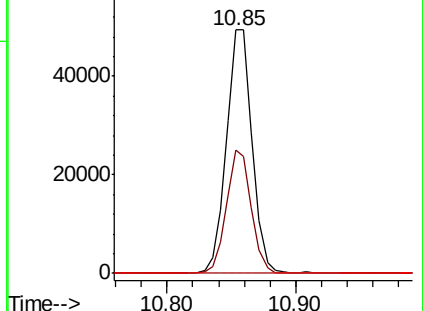
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

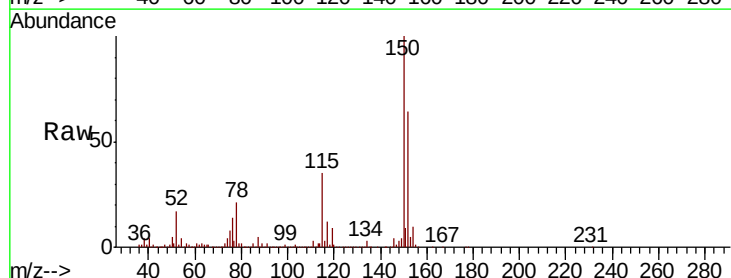
Tgt Ion:152 Resp: 325813

Ion Ratio Lower Upper

152 100

115 62.7 38.0 114.0

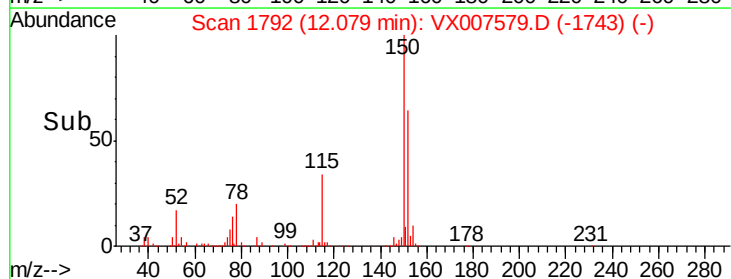
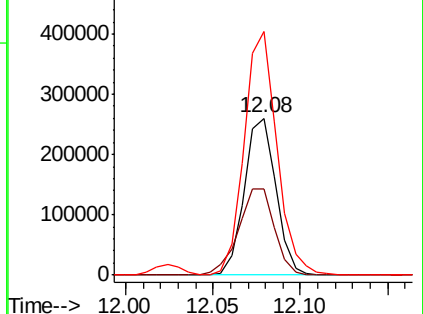
150 160.6 0.0 346.4

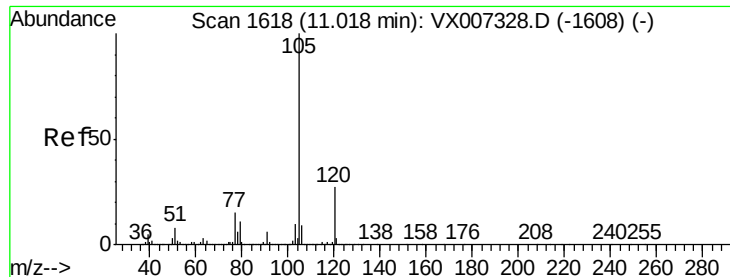


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.049 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

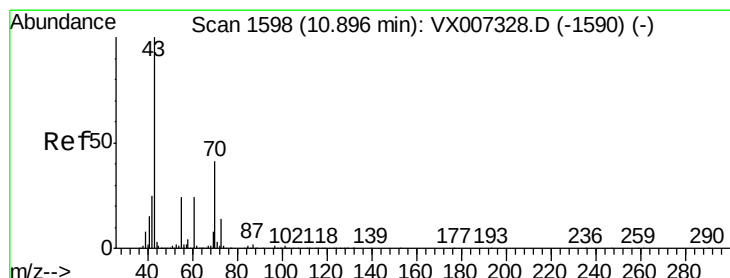
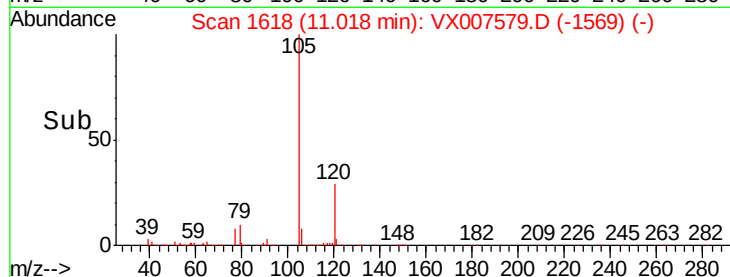
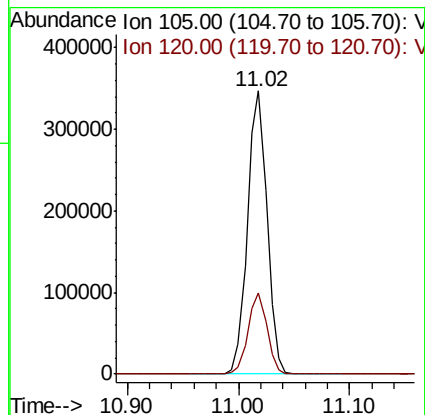
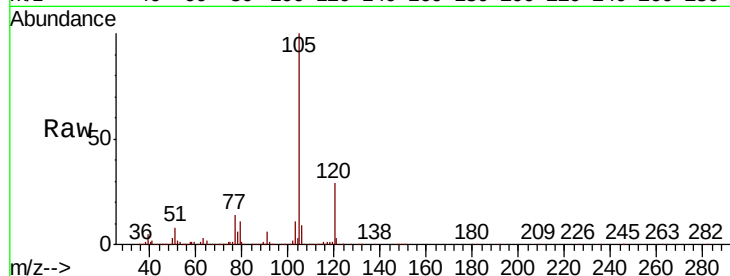
VX0218WBS01

Tgt Ion:105 Resp: 421757

Ion Ratio Lower Upper

105 100

120 28.0 13.6 40.7



#74

N-ethyl acetate

Concen: 18.985 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Tgt Ion: 43 Resp: 162586

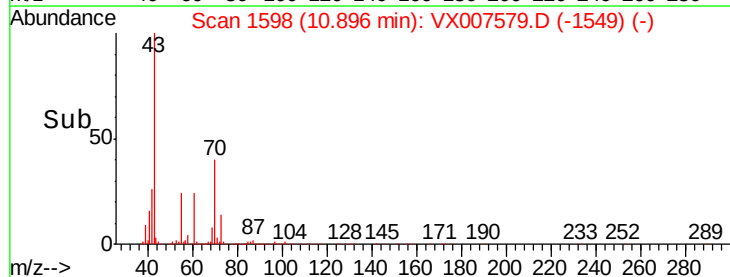
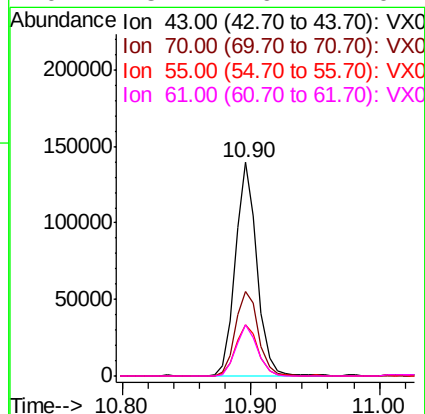
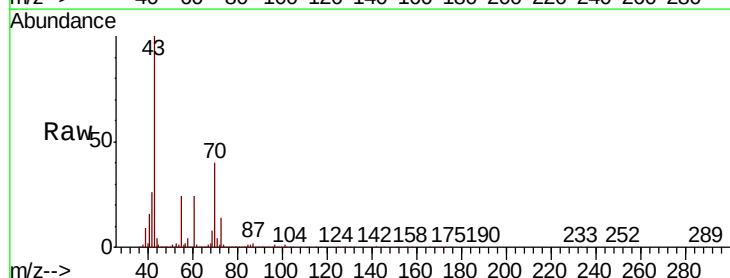
Ion Ratio Lower Upper

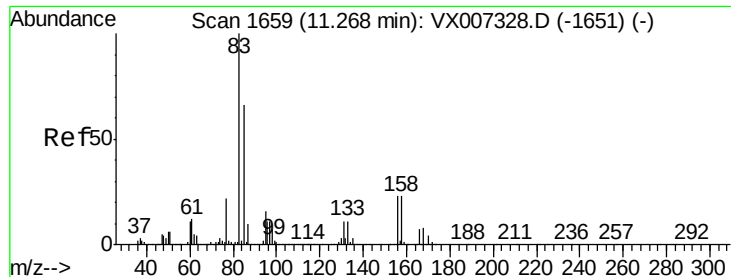
43 100

70 42.6 33.8 50.6

55 25.0 19.5 29.3

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.958 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

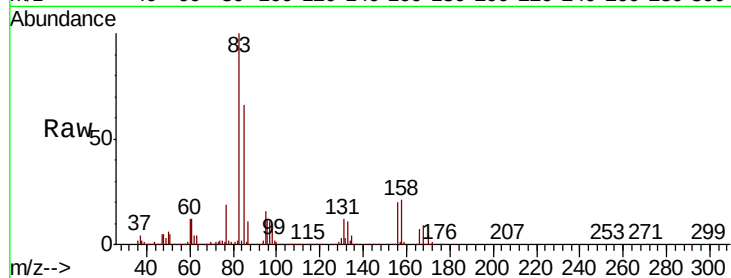
Tgt Ion: 83 Resp: 134672

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

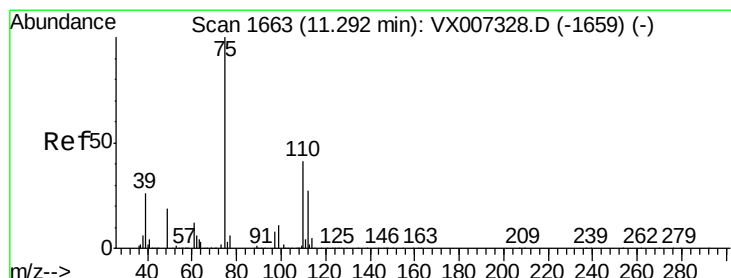
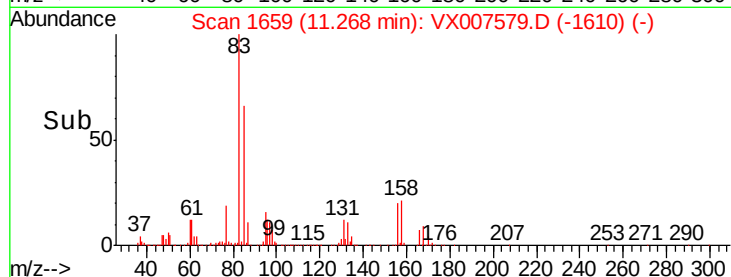
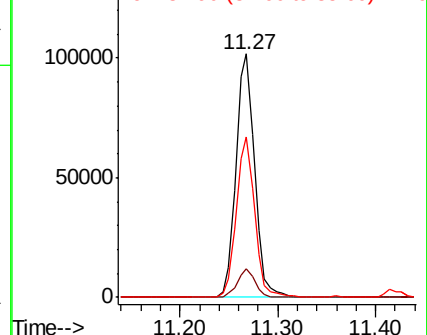
85 65.2 32.8 98.3



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: 23.533 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007579.D

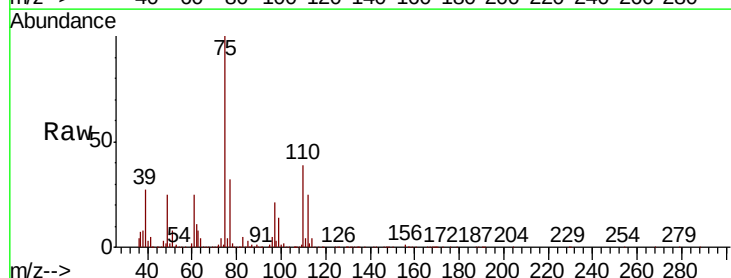
Acq: 18 Feb 2019 11:05

Tgt Ion: 75 Resp: 149139

Ion Ratio Lower Upper

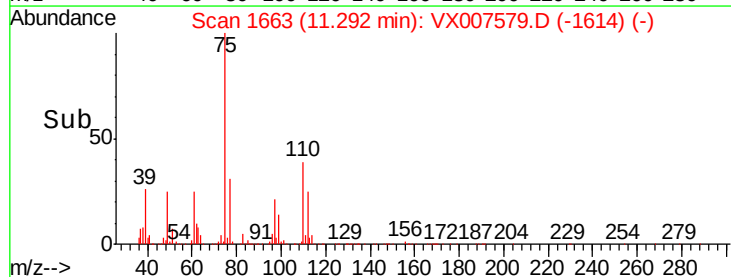
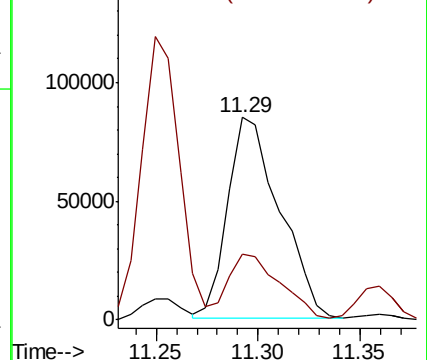
75 100

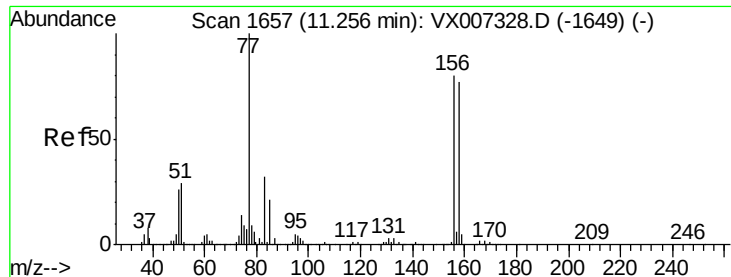
77 33.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.263 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

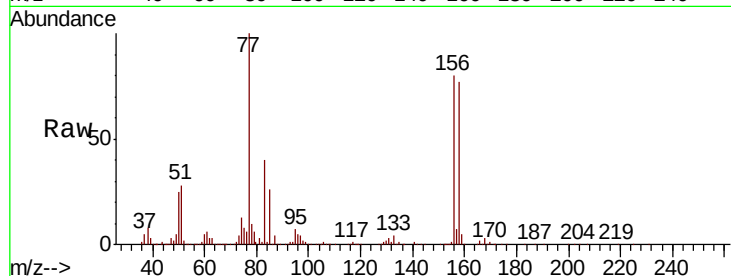
Tgt Ion:156 Resp: 113930

Ion Ratio Lower Upper

156 100

77 134.6 66.8 200.6

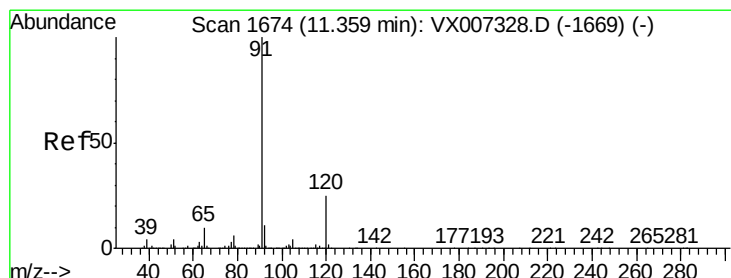
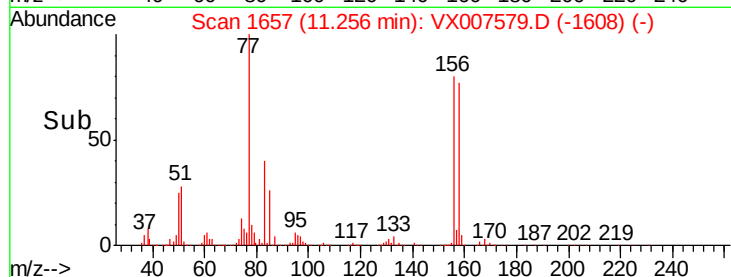
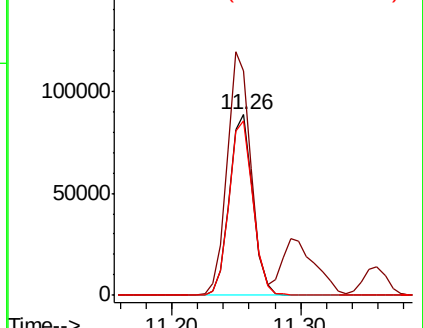
158 97.9 47.9 143.8



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: 19.205 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007579.D

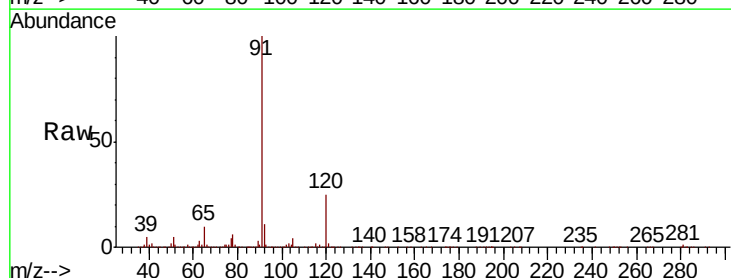
Acq: 18 Feb 2019 11:05

Tgt Ion: 91 Resp: 466263

Ion Ratio Lower Upper

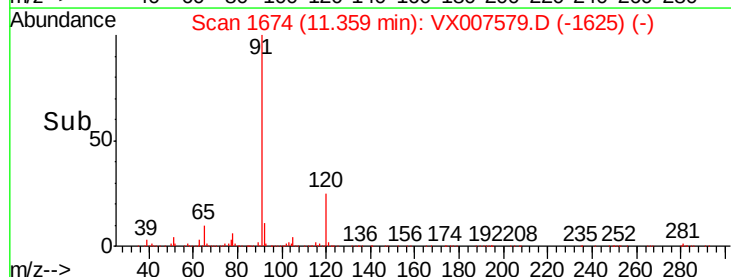
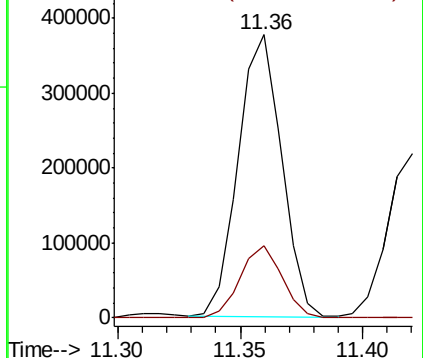
91 100

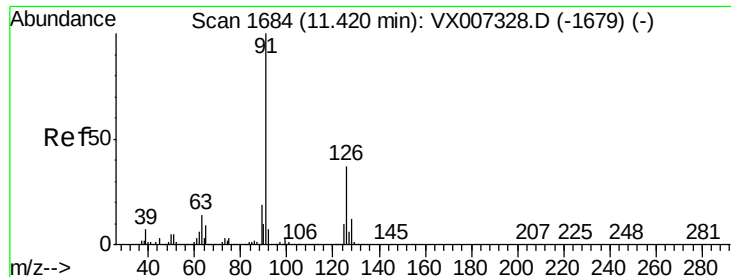
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.716 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

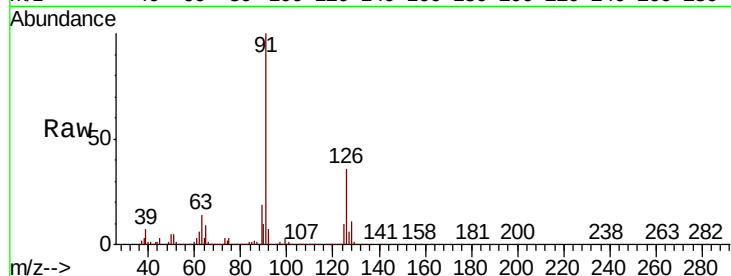
VX0218WBS01

Tgt Ion: 91 Resp: 275724

Ion Ratio Lower Upper

91 100

126 36.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)

400000

300000

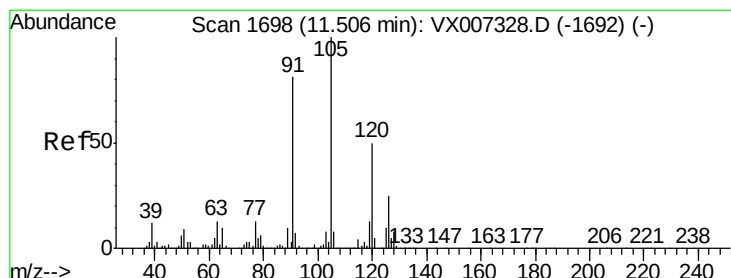
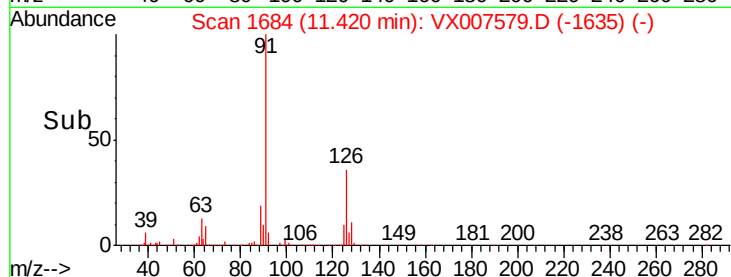
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.723 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007579.D

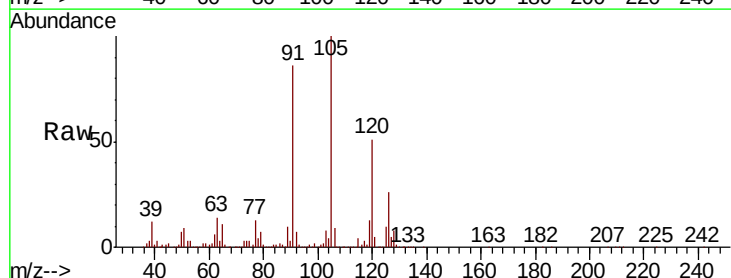
Acq: 18 Feb 2019 11:05

Tgt Ion: 105 Resp: 339141

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)

300000

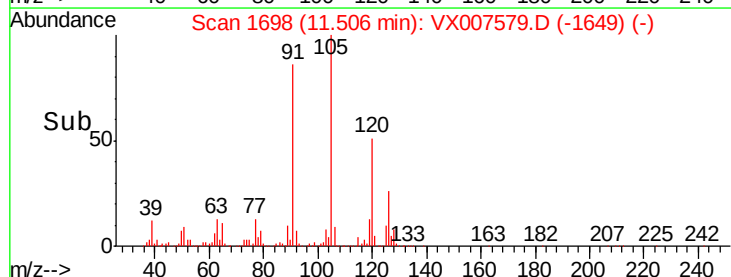
200000

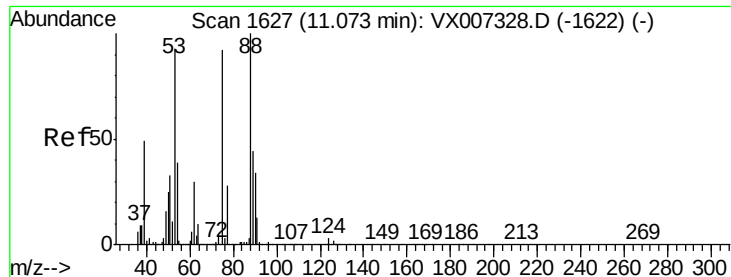
100000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.277 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

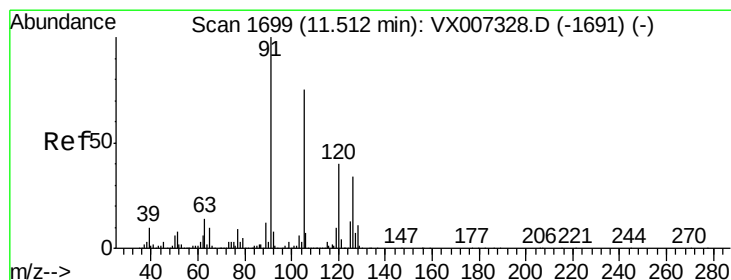
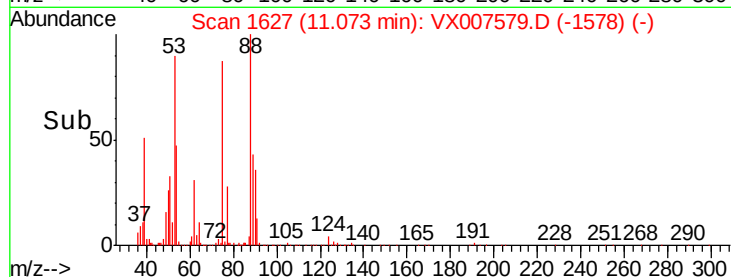
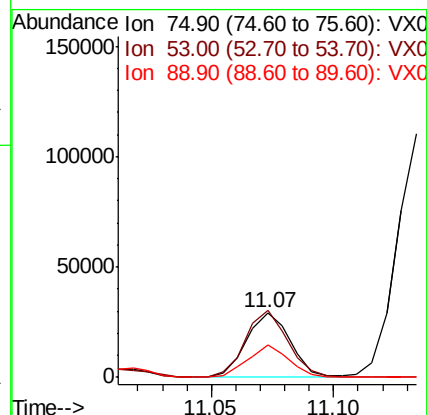
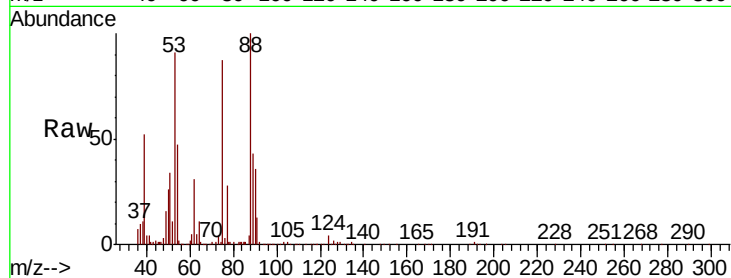
Tgt Ion: 75 Resp: 35945

Ion Ratio Lower Upper

75 100

53 101.3 81.0 121.6

89 48.9 41.4 62.0



#82

4-Chlorotoluene

Concen: 18.853 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007579.D

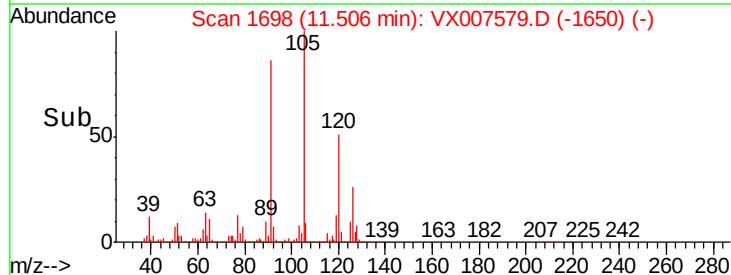
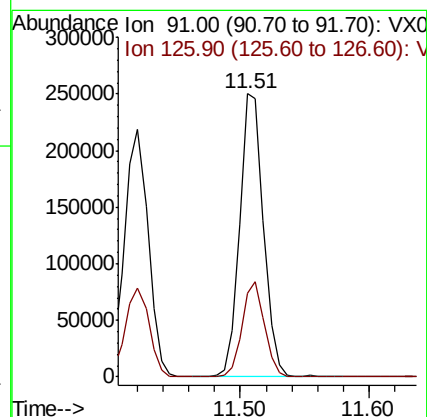
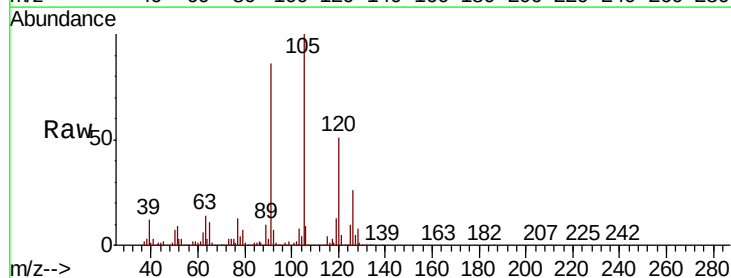
Acq: 18 Feb 2019 11:05

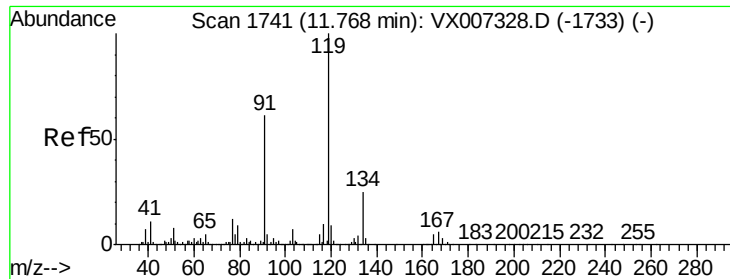
Tgt Ion: 91 Resp: 321372

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.5

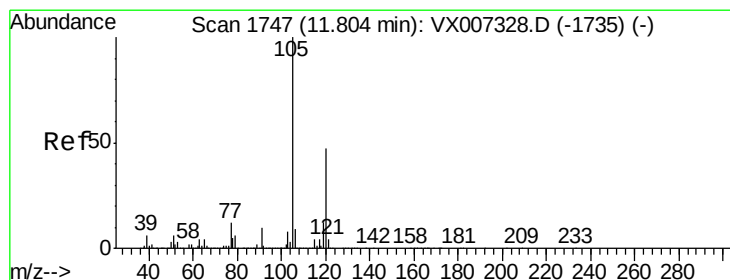
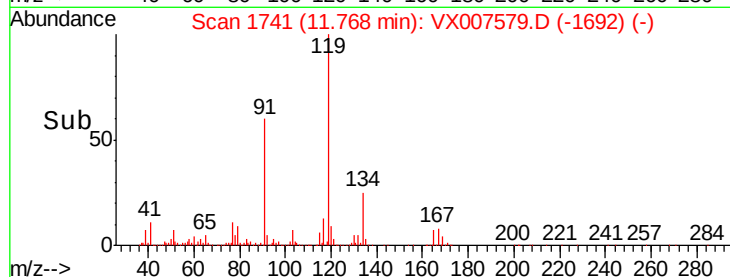
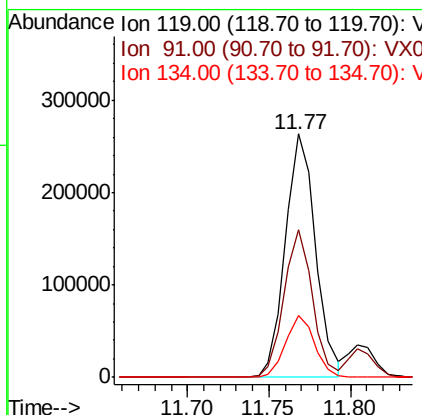
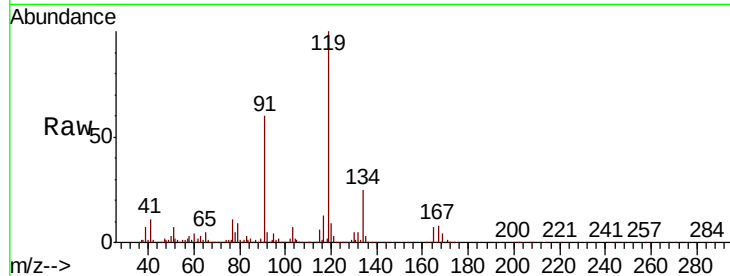




#83
 tert-Butylbenzene
 Concen: 18.842 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

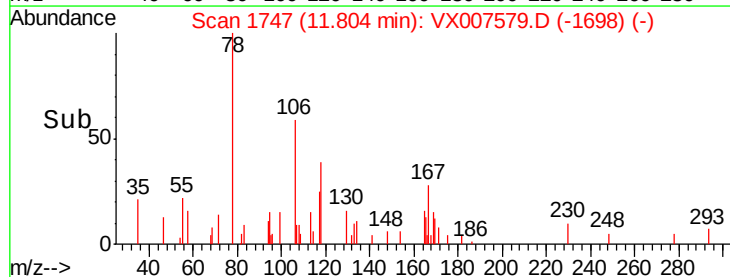
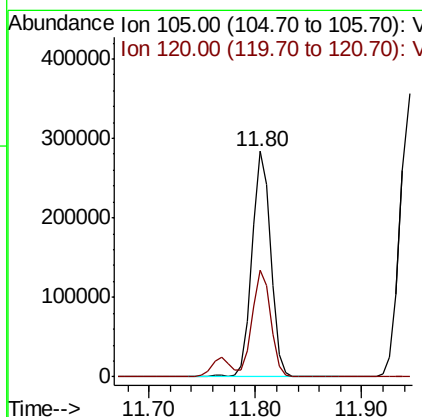
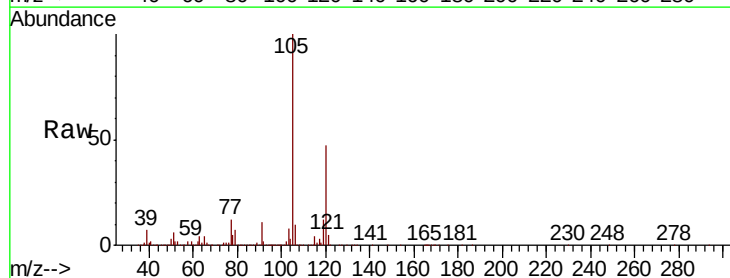
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

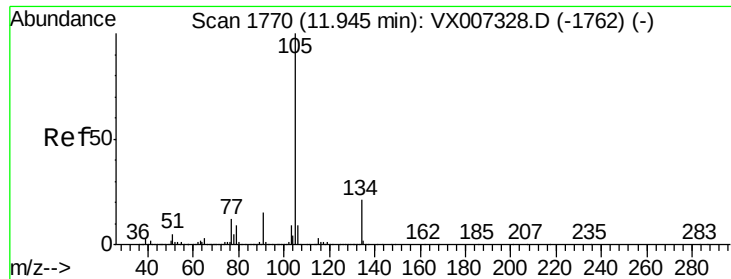
Tgt Ion:119 Resp: 337906
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.5 85.6
 134 24.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.136 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion:105 Resp: 351915
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.374 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

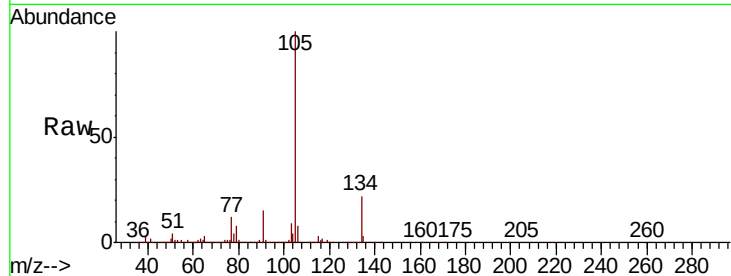
VX0218WBS01

Tgt Ion:105 Resp: 420521

Ion Ratio Lower Upper

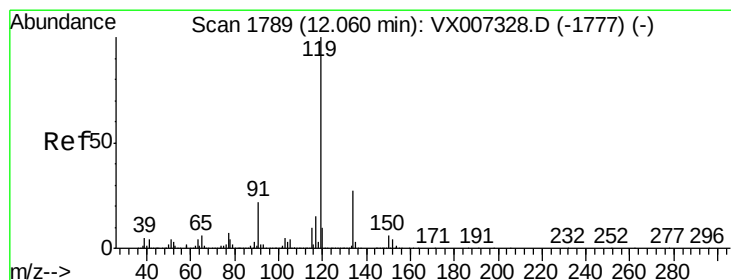
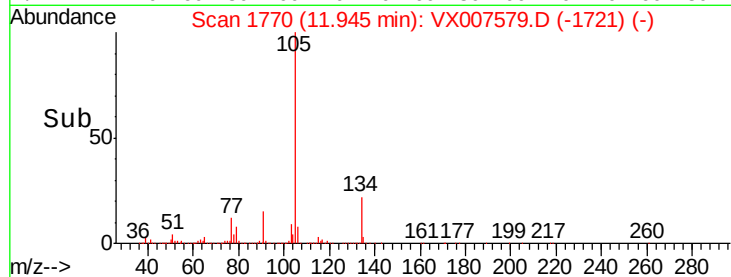
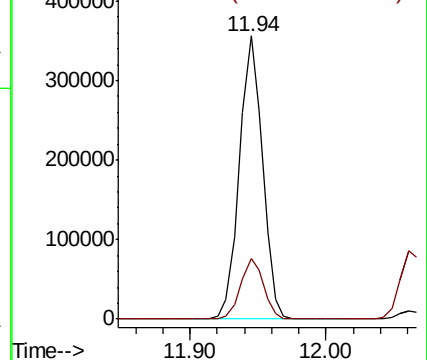
105 100

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: 19.035 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

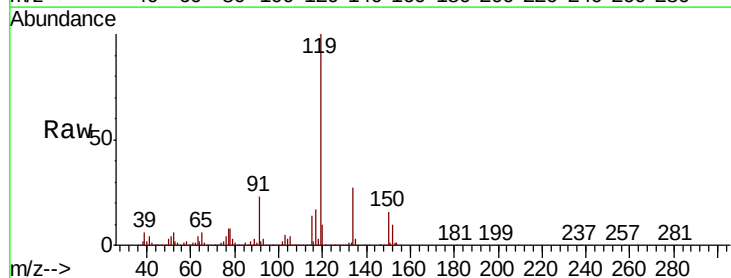
Tgt Ion:119 Resp: 372957

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

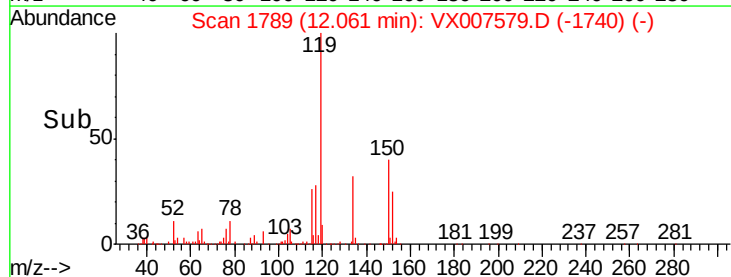
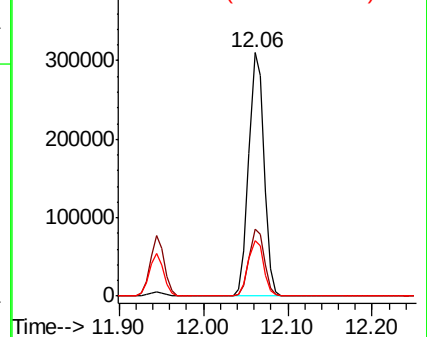
91 23.4 11.2 33.5

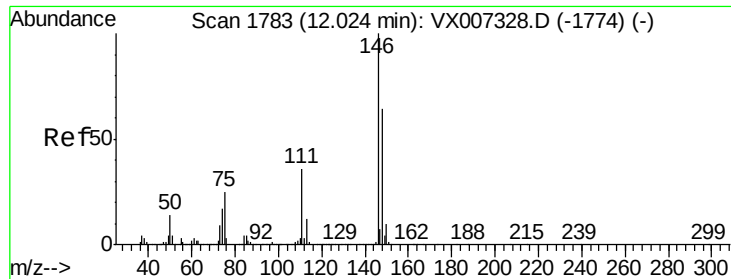


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

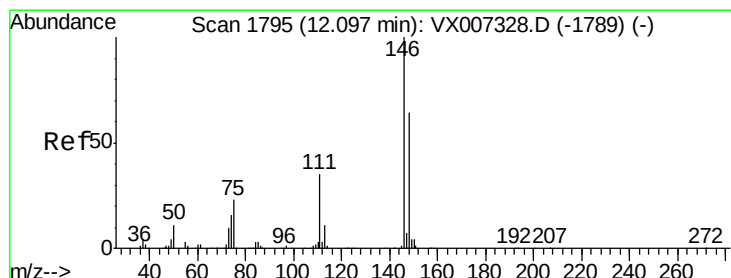
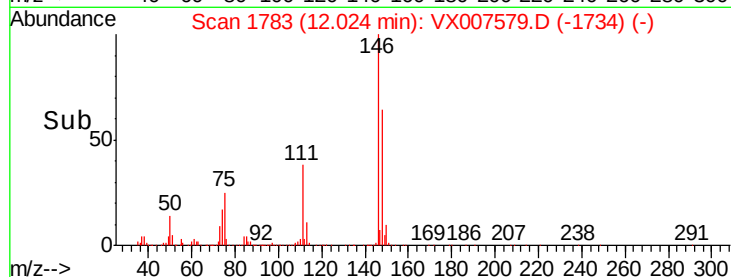
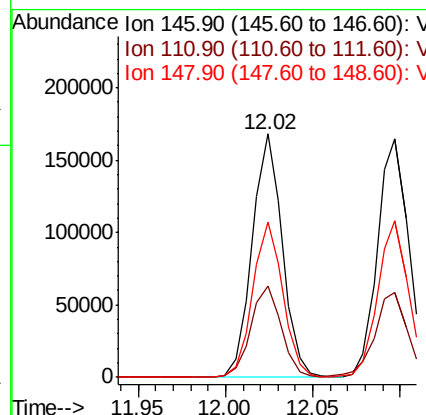
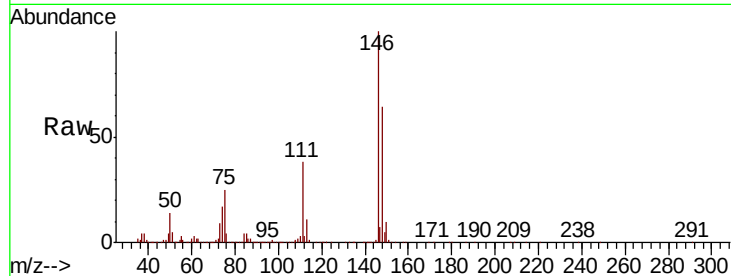




#87
 1,3-Dichlorobenzene
 Concen: 17.958 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

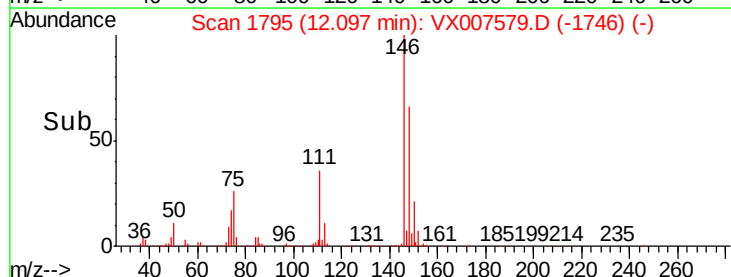
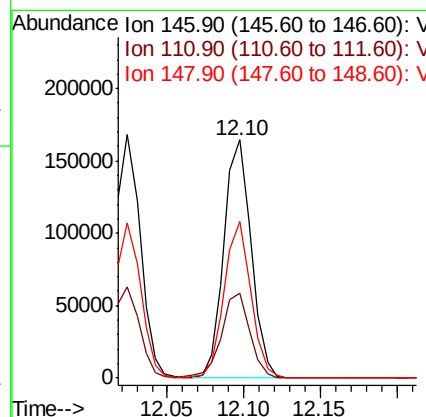
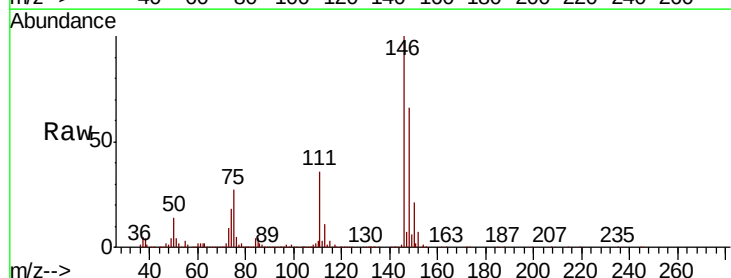
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

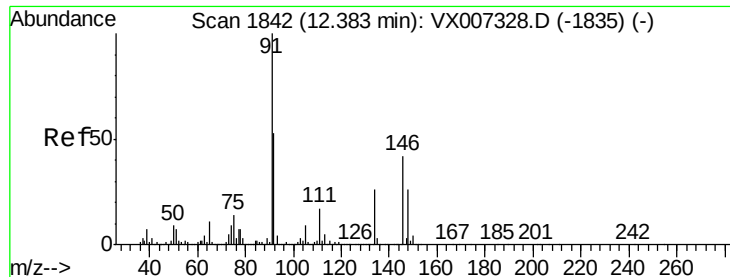
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	63.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.918 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.7	32.3	96.9





#89

n-Butylbenzene

Concen: 18.561 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

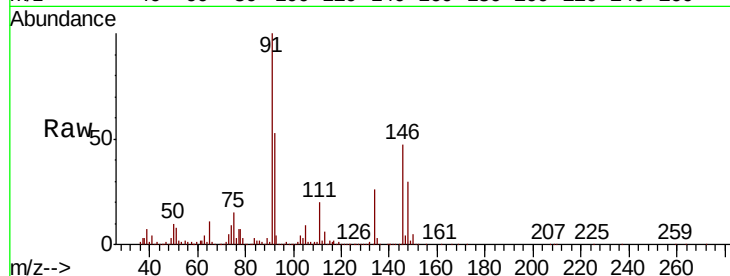
Tgt Ion: 91 Resp: 312851

Ion Ratio Lower Upper

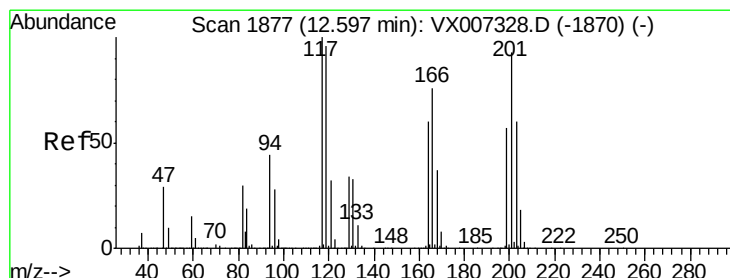
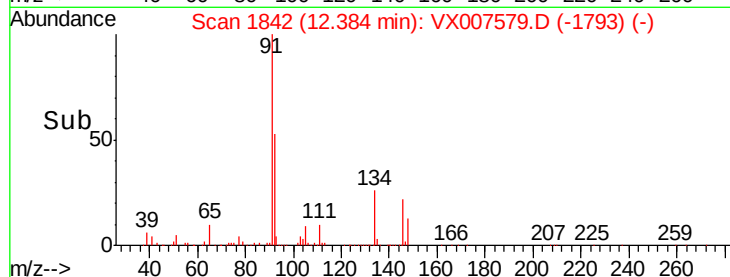
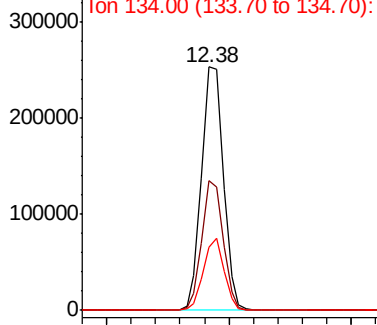
91 100

92 52.0 26.3 78.9

134 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.908 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007579.D

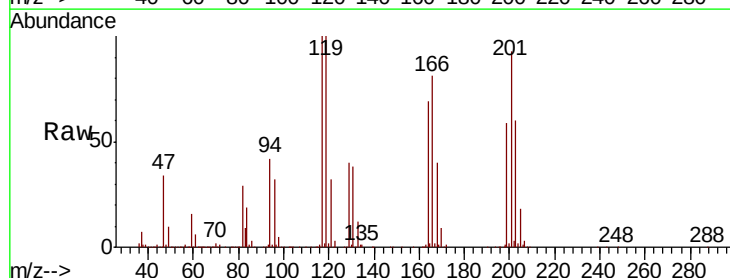
Acq: 18 Feb 2019 11:05

Tgt Ion: 117 Resp: 61311

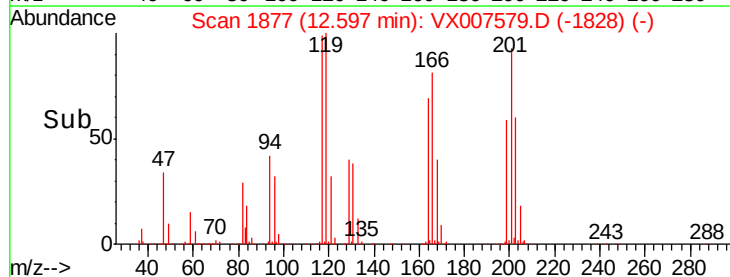
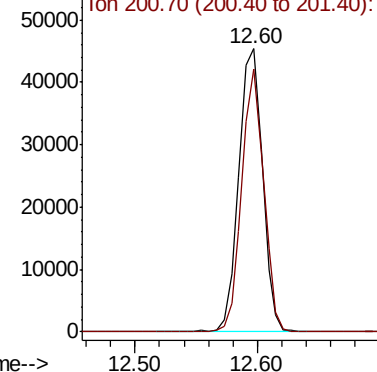
Ion Ratio Lower Upper

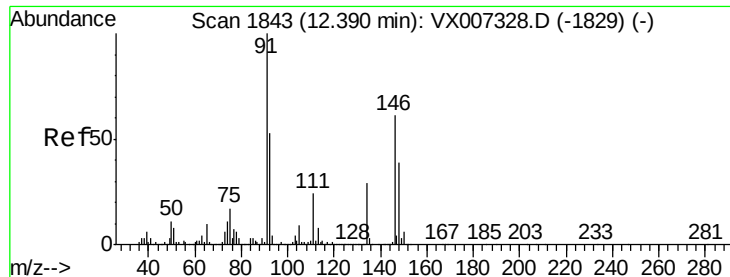
117 100

201 85.7 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

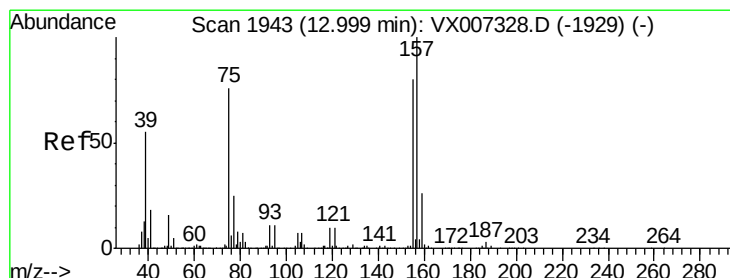
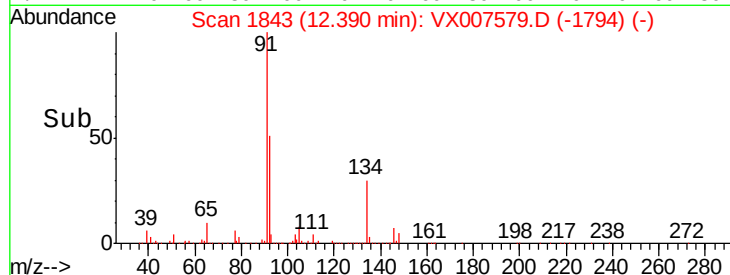
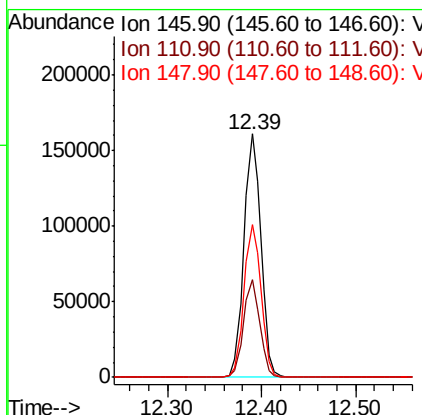
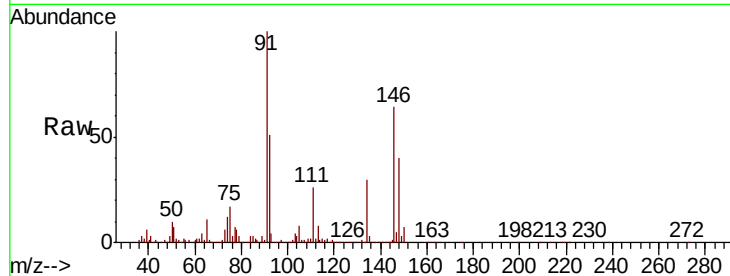




#91
 1,2-Dichlorobenzene
 Concen: 18.150 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

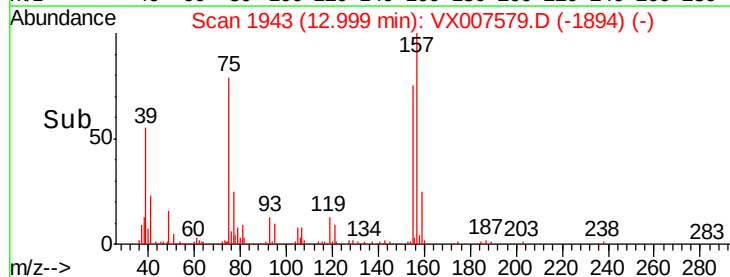
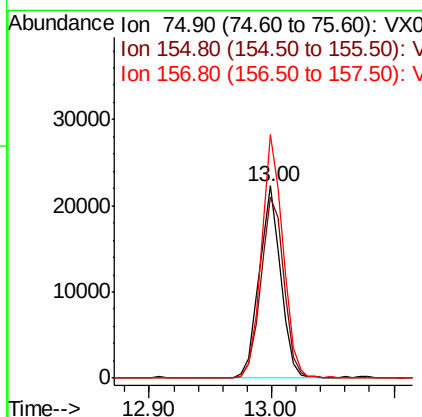
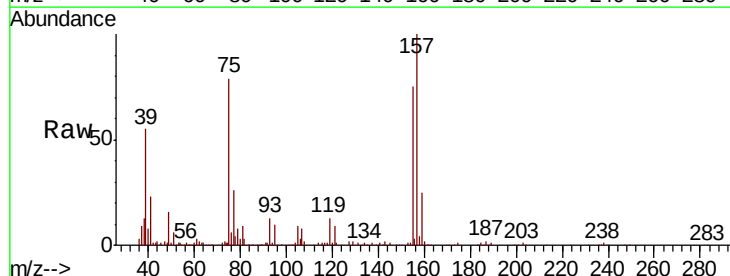
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

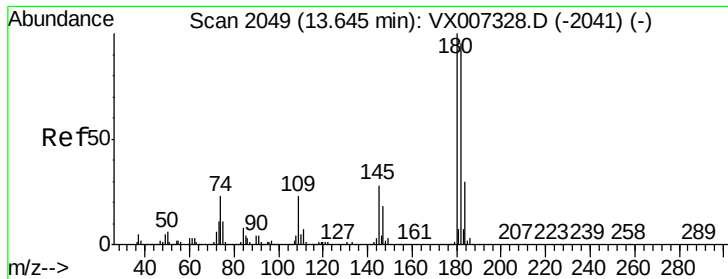
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	62.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.793 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	49.6	149.0
157	125.7	65.1	195.3

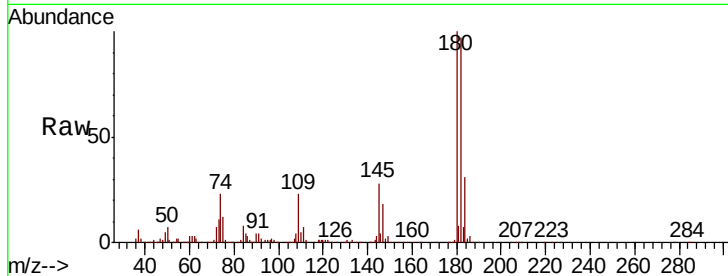




#93
 1,2,4-Trichlorobenzene
 Concen: 18.286 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	28.7	14.1	42.2

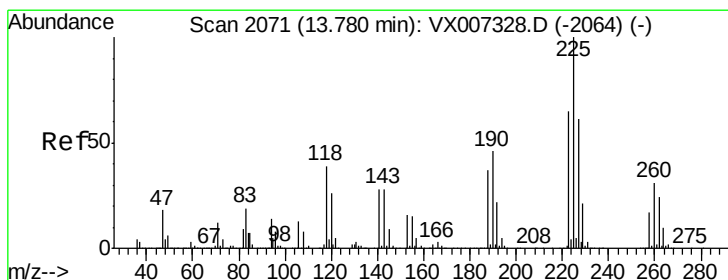
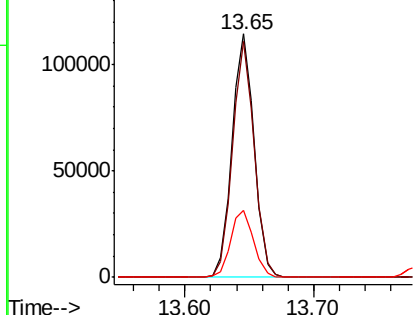
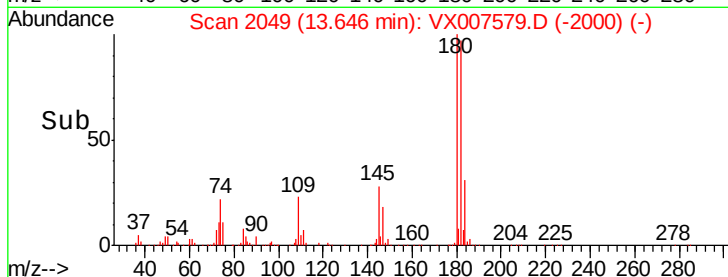


Abundance

Ion 179.80 (179.50 to 180.50): V

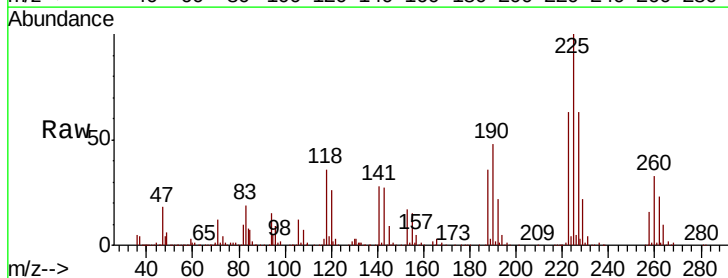
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.806 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007579.D
 Acq: 18 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	94.8
227	64.5	32.1	96.3

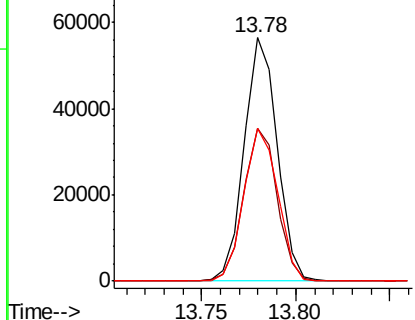
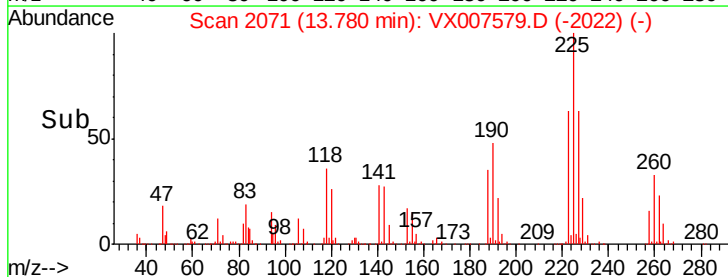


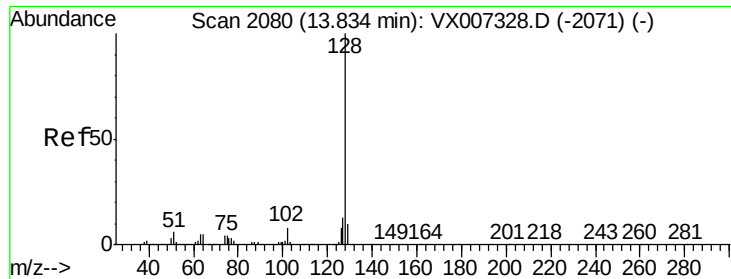
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.600 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

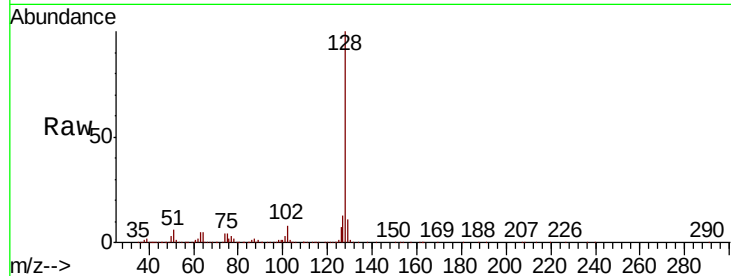
Tgt Ion:128 Resp: 408694

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

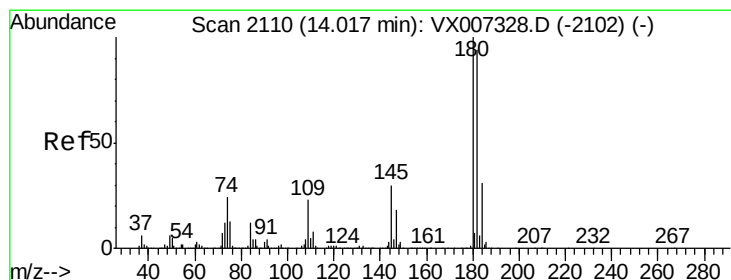
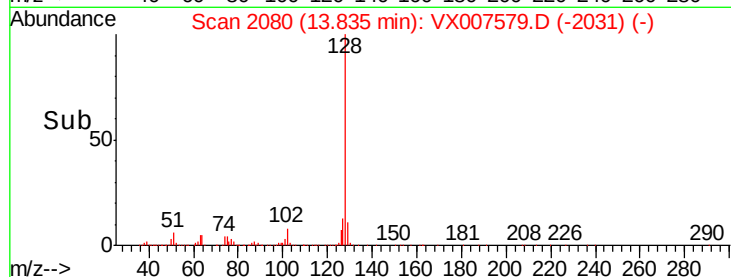
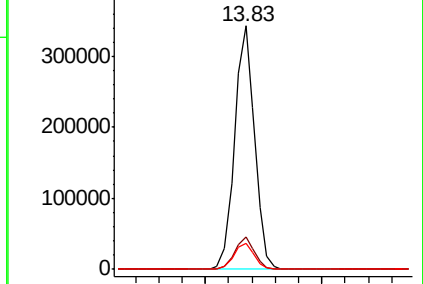
129 11.0 8.7 13.1



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: 18.199 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007579.D

Acq: 18 Feb 2019 11:05

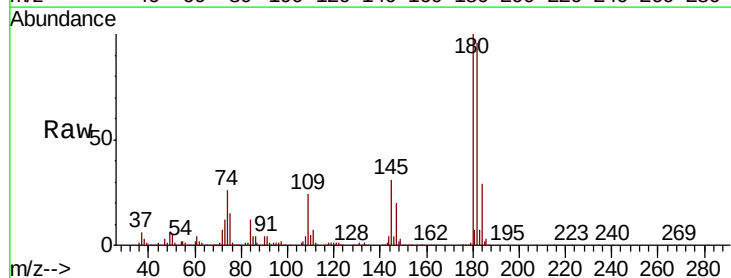
Tgt Ion:180 Resp: 137650

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 29.9 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

