

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
 Data File : VX008180.D
 Acq On : 19 Mar 2019 10:19
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 19 11:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	26007	5.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.54%	
35) Dibromofluoromethane	5.49	113	18269	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
50) Toluene-d8	8.71	98	66728	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
62) 4-Bromofluorobenzene	11.13	95	21110	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	14629	3.799	ug/l 100
3) Chloromethane	1.33	50	20855	4.782	ug/l 100
4) Vinyl Chloride	1.41	62	23214	5.084	ug/l 99
5) Bromomethane	1.64	94	21399	5.453	ug/l 98
6) Chloroethane	1.72	64	15018	5.491	ug/l 97
7) Trichlorofluoromethane	1.93	101	30864	5.477	ug/l 98
8) Diethyl Ether	2.19	74	13594	4.247	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	17052	4.224	ug/l 90
10) Methyl Iodide	2.51	142	18318	3.426	ug/l 93
11) Tert butyl alcohol	3.06	59	20734	20.449	ug/l 97
12) 1,1-Dichloroethene	2.37	96	15948	4.167	ug/l 93
13) Acrolein	2.29	56	23529	34.218	ug/l 97
14) Allyl chloride	2.73	41	34398	4.035	ug/l 91
15) Acrylonitrile	3.14	53	57477	21.241	ug/l 98
16) Acetone	2.45	43	62391	23.633	ug/l 99
17) Carbon Disulfide	2.57	76	43032	3.604	ug/l 99
18) Methyl Acetate	2.78	43	24713	3.832	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	59574	4.243	ug/l 99
20) Methylene Chloride	2.86	84	20012	4.576	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	16524	4.073	ug/l 89
22) Diisopropyl ether	3.86	45	70666	4.222	ug/l # 86
23) Vinyl Acetate	3.82	43	291706	19.765	ug/l 95
24) 1,1-Dichloroethane	3.70	63	36001	4.273	ug/l 99
25) 2-Butanone	4.68	43	87396	21.563	ug/l 98
26) 2,2-Dichloropropane	4.58	77	26510	4.134	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	19775	4.245	ug/l 90
28) Bromochloromethane	5.01	49	17483	4.938	ug/l 83
29) Tetrahydrofuran	5.13	42	53040	20.311	ug/l 97
30) Chloroform	5.21	83	35573	4.496	ug/l 90
31) Cyclohexane	5.58	56	30904	3.754	ug/l 91
32) 1,1,1-Trichloroethane	5.50	97	28061	4.222	ug/l 96
36) 1,1-Dichloropropene	5.80	75	25074	4.118	ug/l 99
37) Ethyl Acetate	4.84	43	30742	4.054	ug/l 98
38) Carbon Tetrachloride	5.79	117	22036	3.960	ug/l 96

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 19 11:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29362	3.899	ug/l	94
40) Benzene	6.14	78	79042	4.331	ug/l	99
41) Methacrylonitrile	5.04	41	17021	4.007	ug/l	98
42) 1,2-Dichloroethane	6.20	62	29168	4.419	ug/l	99
43) Isopropyl Acetate	6.45	43	48903	4.026	ug/l	97
44) Trichloroethene	7.21	130	18865	4.343	ug/l	86
45) 1,2-Dichloropropane	7.51	63	21757	4.335	ug/l	94
46) Dibromomethane	7.66	93	13154	4.343	ug/l #	85
47) Bromodichloromethane	7.90	83	24470	4.081	ug/l	98
48) Methyl methacrylate	7.77	41	25121	3.931	ug/l #	88
49) 1,4-Dioxane	7.74	88	9323	88.914	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	161451	20.845	ug/l	96
52) Toluene	8.78	92	45611	4.247	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	24022	3.471	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	28684	3.794	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	18979	4.289	ug/l	96
56) Ethyl methacrylate	9.18	69	28397	3.830	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	33950	4.345	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	87537	25.372	ug/l	94
59) 2-Hexanone	9.49	43	123494	20.916	ug/l	93
60) Dibromochloromethane	9.58	129	17086	3.893	ug/l	98
61) 1,2-Dibromoethane	9.67	107	19147	4.164	ug/l	99
64) Tetrachloroethene	9.34	164	17525	4.295	ug/l	92
65) Chlorobenzene	10.13	112	48600	4.339	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	16709	4.161	ug/l	96
67) Ethyl Benzene	10.25	91	83061	4.073	ug/l	97
68) m/p-Xylenes	10.36	106	60022	8.023	ug/l	93
69) o-Xylene	10.69	106	29650	4.067	ug/l	94
70) Styrene	10.71	104	46632	3.909	ug/l	95
71) Bromoform	10.85	173	11349	3.625	ug/l #	99
73) Isopropylbenzene	11.02	105	78204	4.295	ug/l	98
74) N-amyl acetate	10.90	43	39313	4.060	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	28925	4.623	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	32706	5.946	ug/l	92
77) Bromobenzene	11.26	156	18959	4.438	ug/l	82
78) n-propylbenzene	11.36	91	88145	4.083	ug/l	95
79) 2-Chlorotoluene	11.42	91	55272	4.407	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	63263	4.171	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	7036	3.371	ug/l #	75
82) 4-Chlorotoluene	11.51	91	61233	4.176	ug/l	95
83) tert-Butylbenzene	11.77	119	61125	4.291	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	64522	4.180	ug/l	99
85) sec-Butylbenzene	11.94	105	74990	4.164	ug/l	96
86) p-Isopropyltoluene	12.06	119	63702	4.081	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	32701	4.280	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	34057	4.453	ug/l	91
89) n-Butylbenzene	12.38	91	56428	3.801	ug/l	96
90) Hexachloroethane	12.59	117	10240	3.816	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	34246	4.498	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5756	4.055	ug/l	78

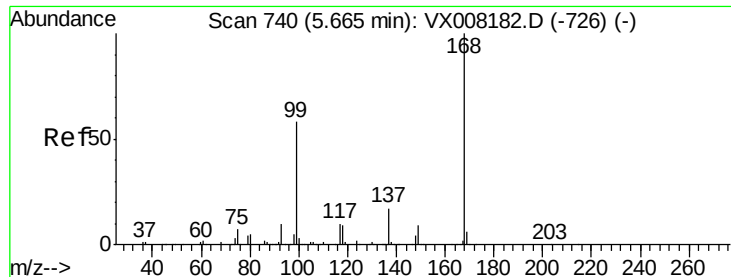
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
Data File : VX008180.D
Acq On : 19 Mar 2019 10:19
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 19 11:36:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 11:34:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	20589	4.022	ug/l	95
94) Hexachlorobutadiene	13.78	225	10583	4.232	ug/l	96
95) Naphthalene	13.83	128	62216	3.687	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	20839	4.107	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

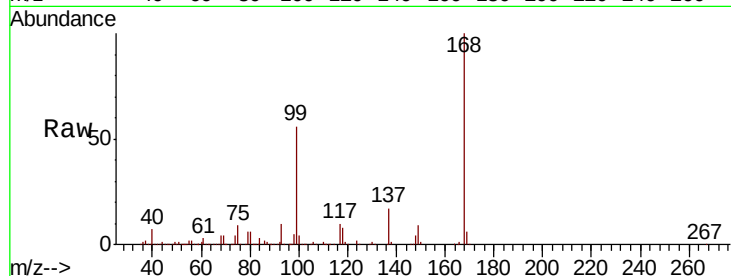
VSTDIC005

Tgt Ion:168 Resp: 294126

Ion Ratio Lower Upper

168 100

99 56.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

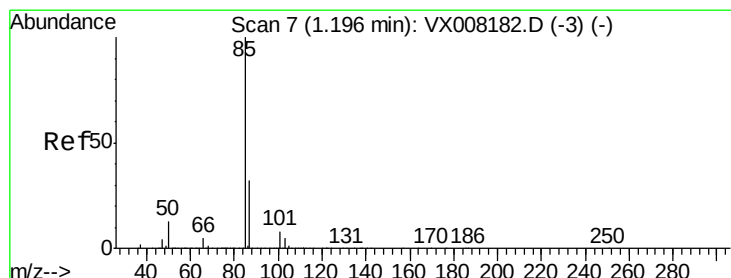
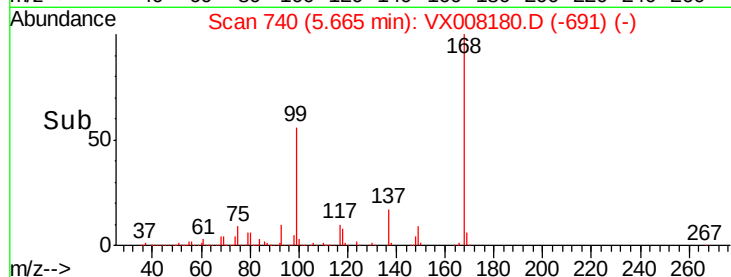
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.799 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008180.D

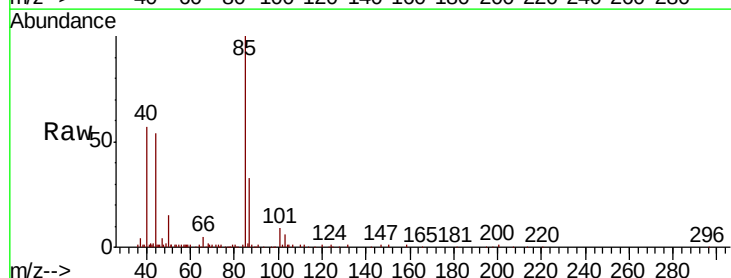
Acq: 19 Mar 2019 10:19

Tgt Ion: 85 Resp: 14629

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

15000

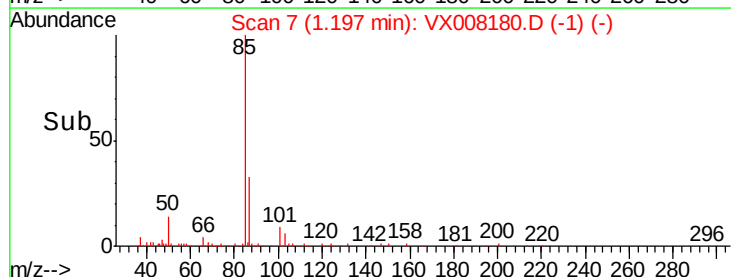
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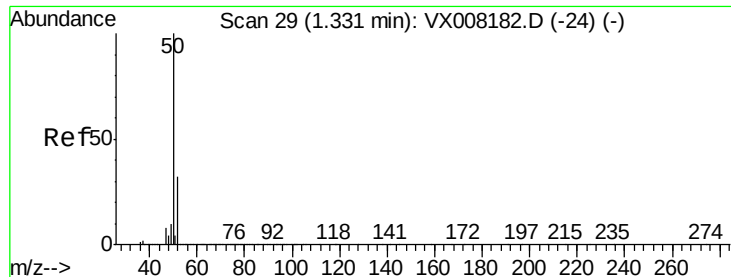
5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 4.782 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

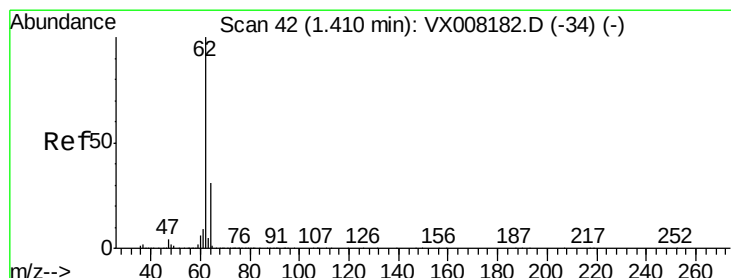
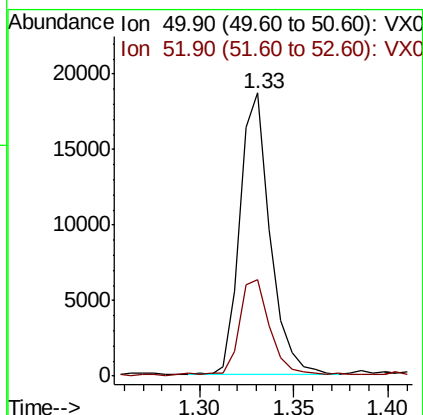
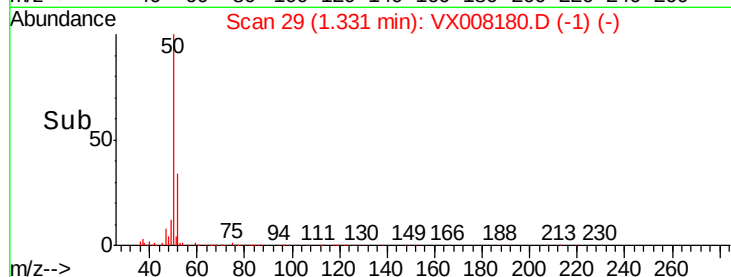
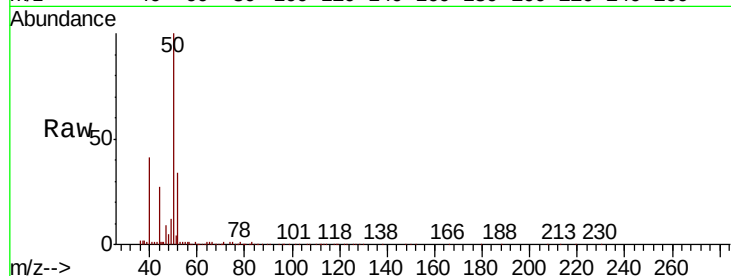
VSTDIC005

Tgt Ion: 50 Resp: 20855

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 5.084 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008180.D

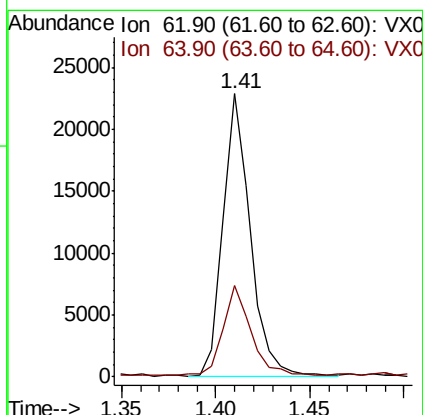
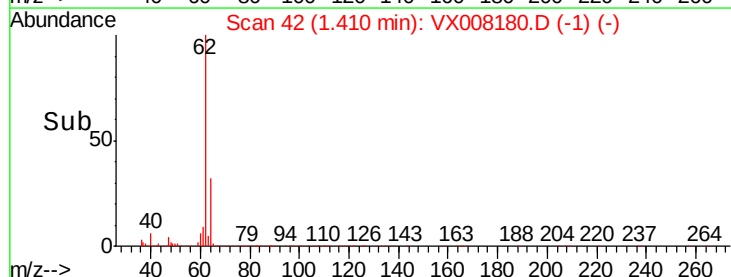
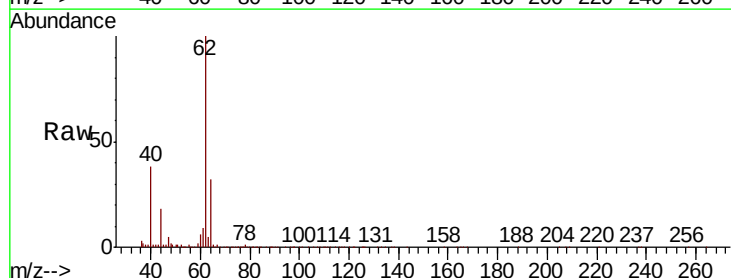
Acq: 19 Mar 2019 10:19

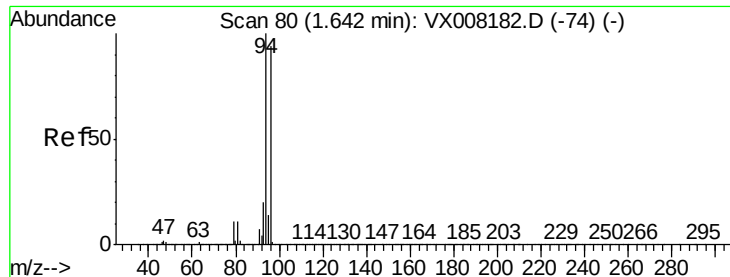
Tgt Ion: 62 Resp: 23214

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 5.453 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

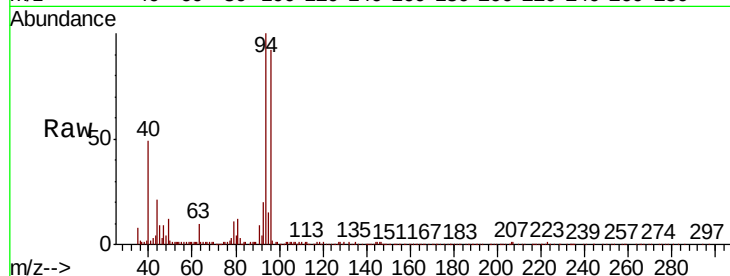
VSTDIC005

Tgt Ion: 94 Resp: 21399

Ion Ratio Lower Upper

94 100

96 92.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

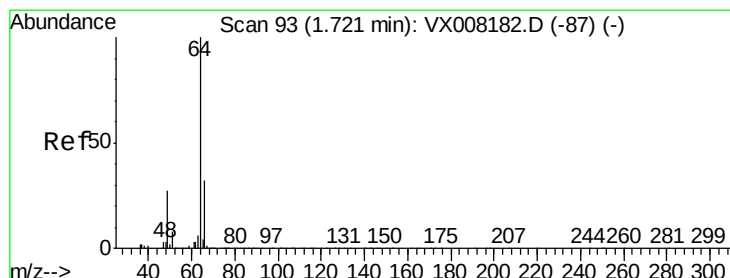
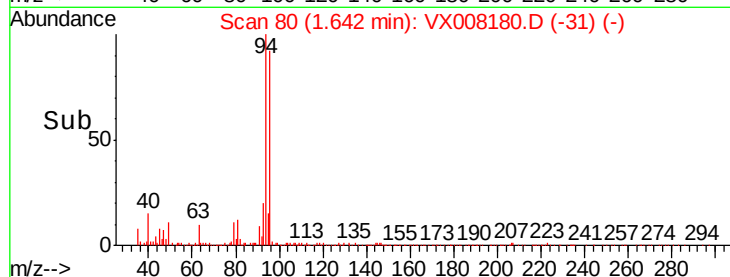
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 5.491 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008180.D

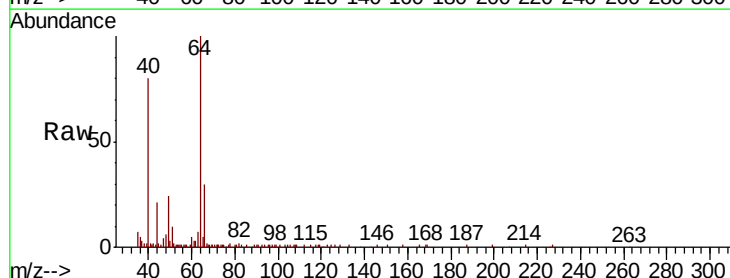
Acq: 19 Mar 2019 10:19

Tgt Ion: 64 Resp: 15018

Ion Ratio Lower Upper

64 100

66 29.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

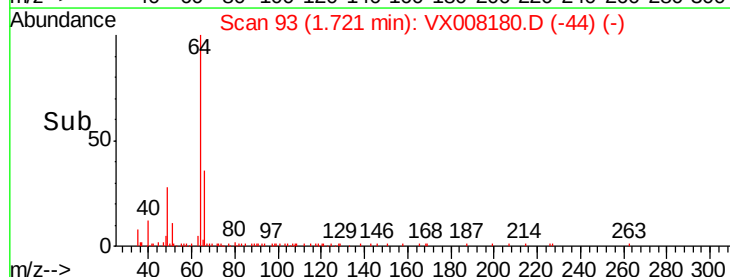
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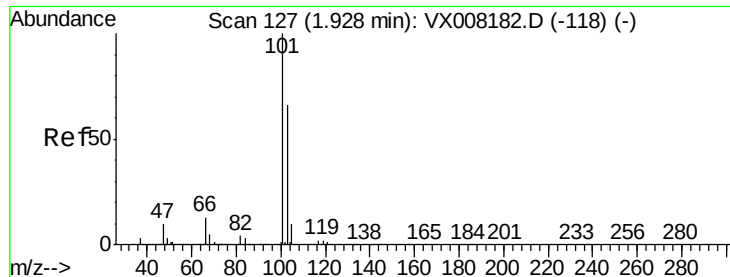
5000

0

Time-->

1.65 1.70 1.75 1.80



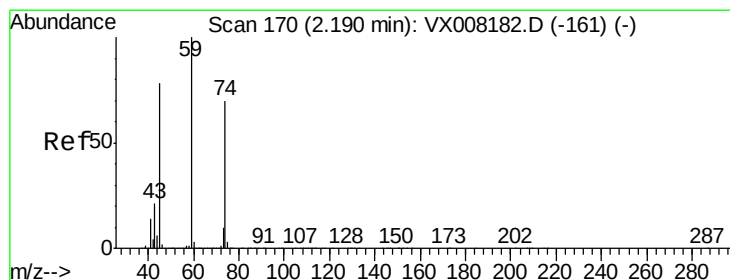
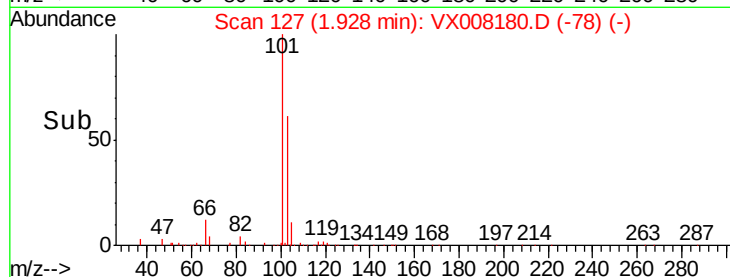
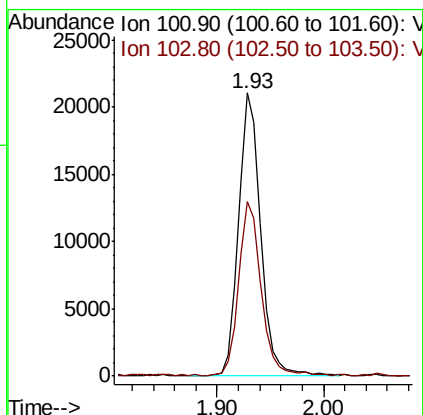
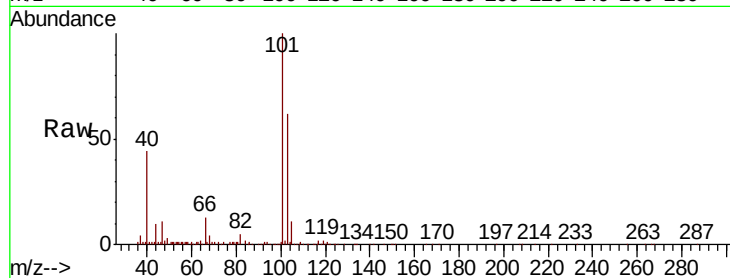


#7

Trichlorofluoromethane
Concen: 5.477 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

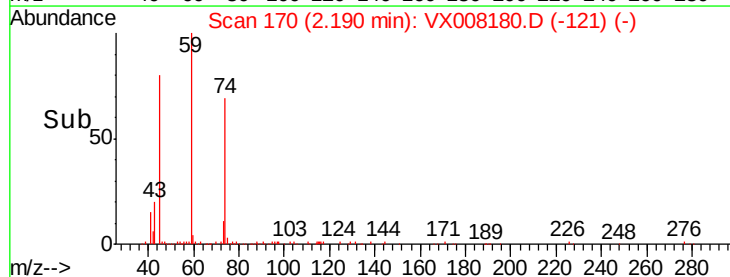
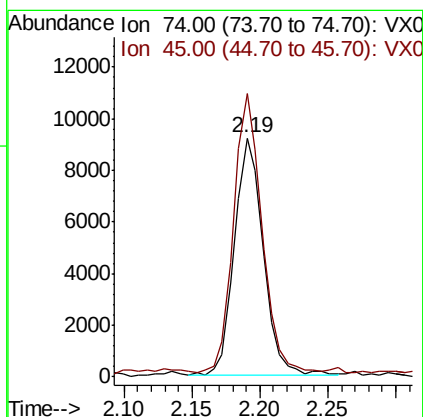
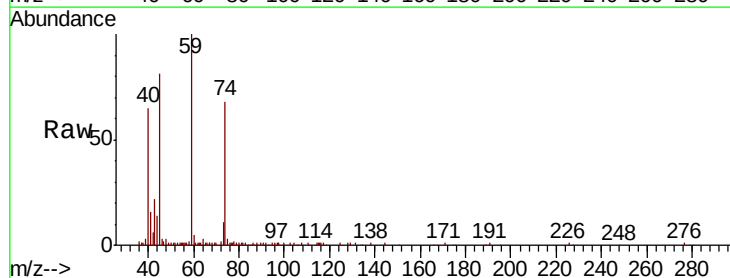
Tgt Ion:101 Resp: 30864
Ion Ratio Lower Upper
101 100
103 61.6 50.4 75.6

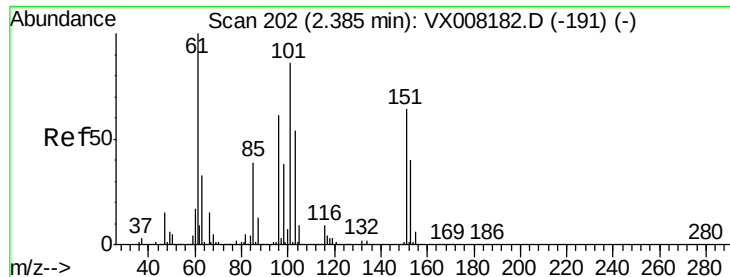


#8

Diethyl Ether
Concen: 4.247 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 74 Resp: 13594
Ion Ratio Lower Upper
74 100
45 114.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.224 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

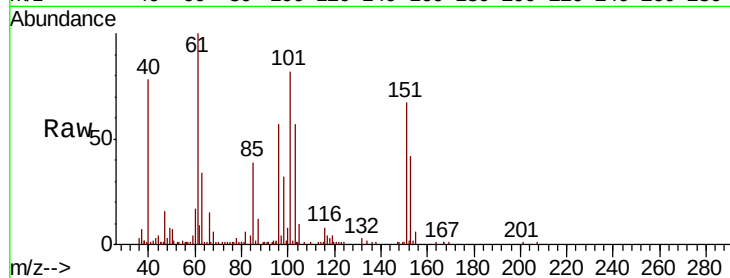
Tgt Ion:101 Resp: 17052

Ion Ratio Lower Upper

101 100

85 47.0 33.8 50.6

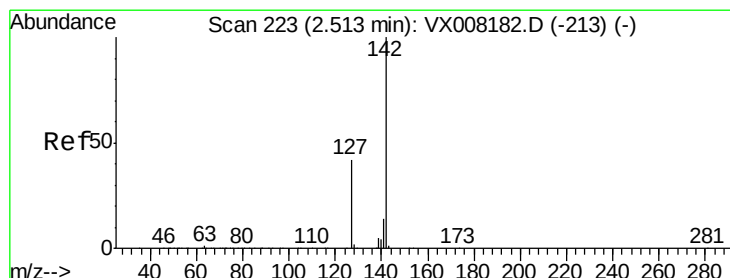
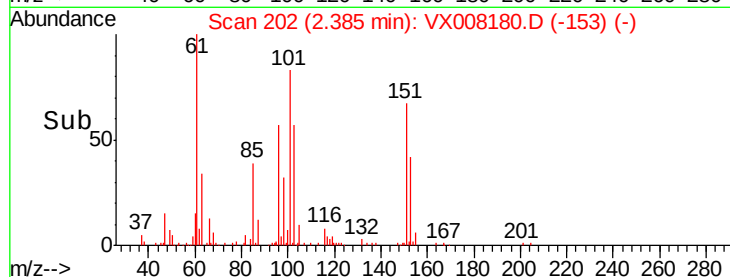
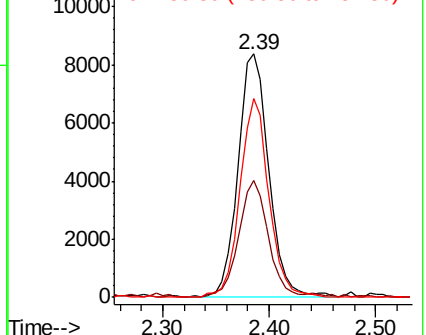
151 76.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.426 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

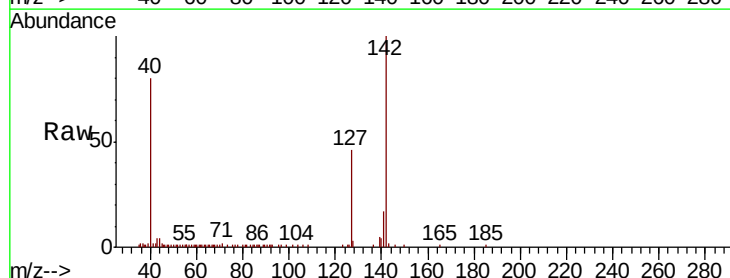
Tgt Ion:142 Resp: 18318

Ion Ratio Lower Upper

142 100

127 44.9 32.1 48.1

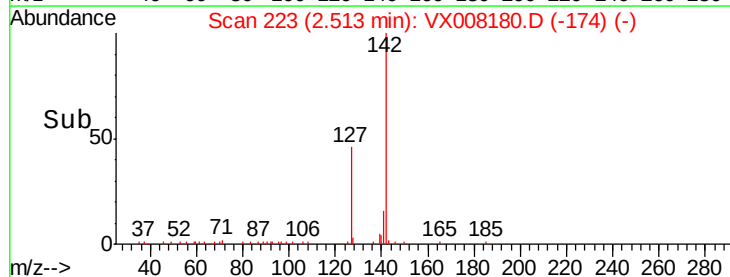
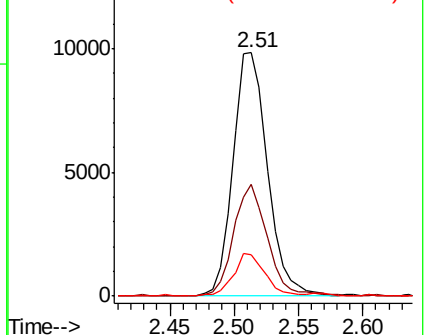
141 16.4 11.4 17.2

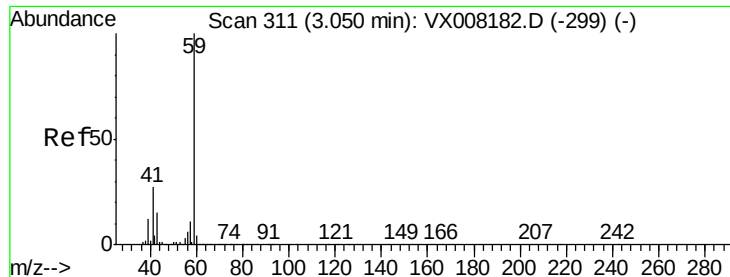


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

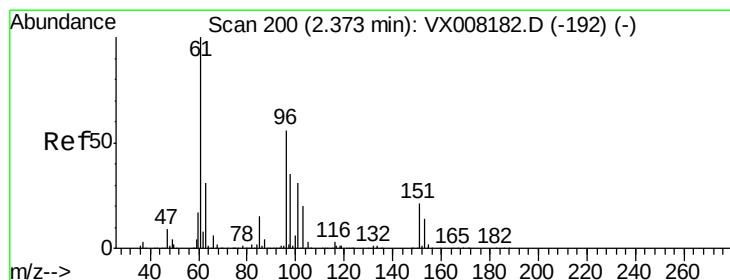
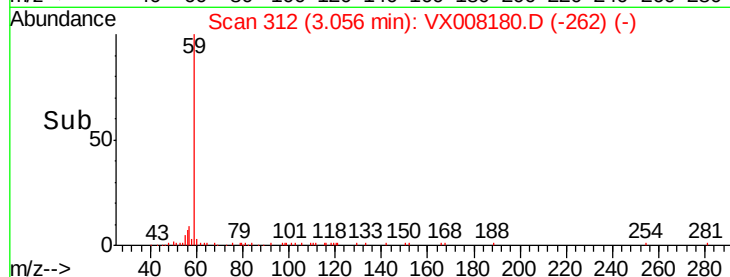
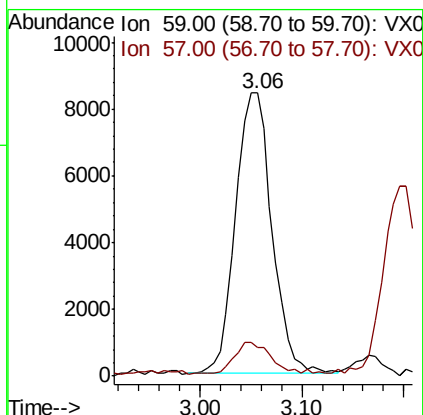
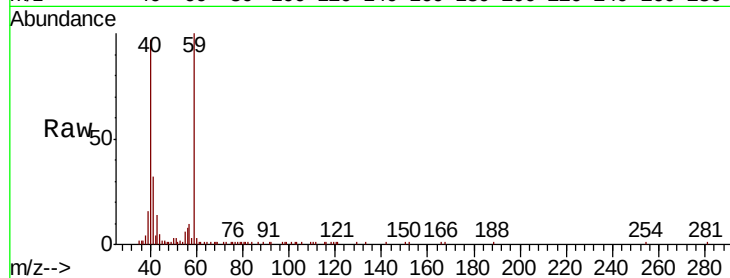




#11
Tert butyl alcohol
Concen: 20.449 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

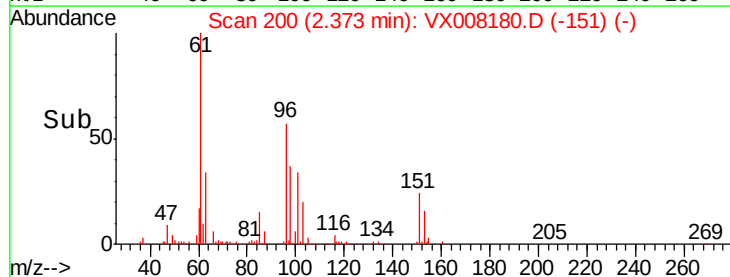
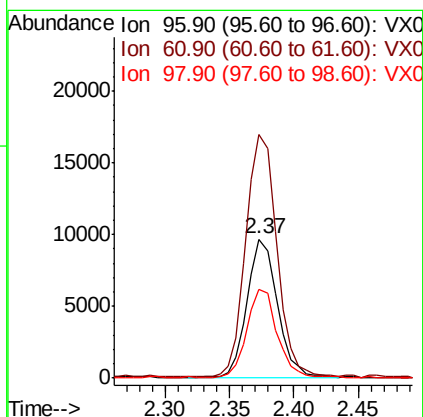
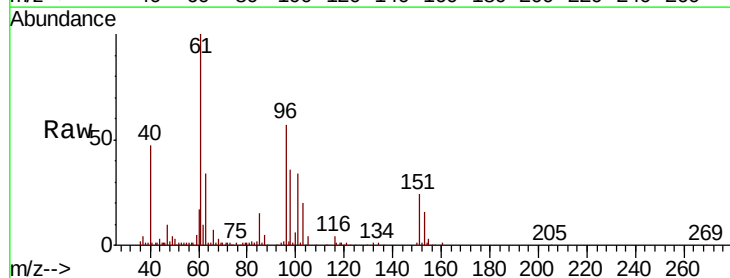
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

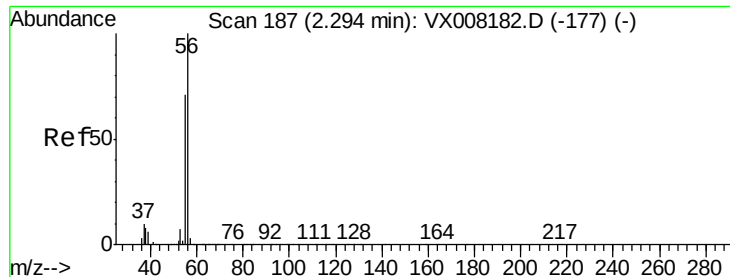
Tgt Ion: 59 Resp: 20734
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 4.167 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 96 Resp: 15948
Ion Ratio Lower Upper
96 100
61 174.6 129.8 194.6
98 63.0 51.0 76.6





#13

Acrolein

Concen: 34.218 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

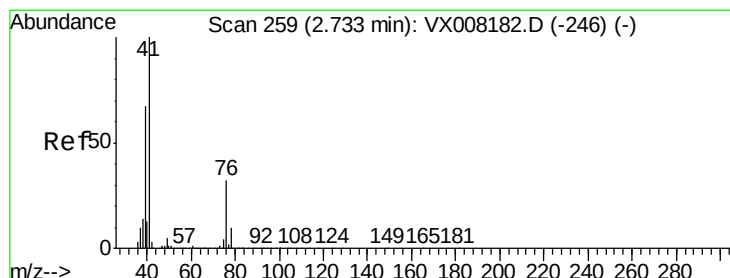
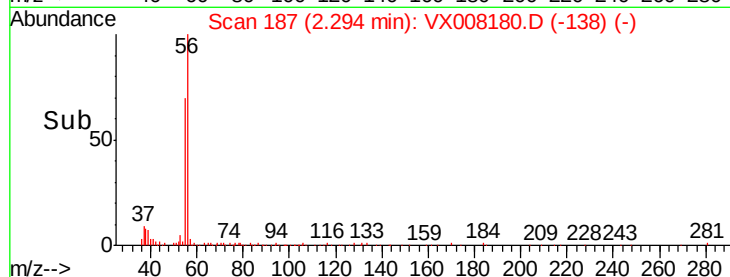
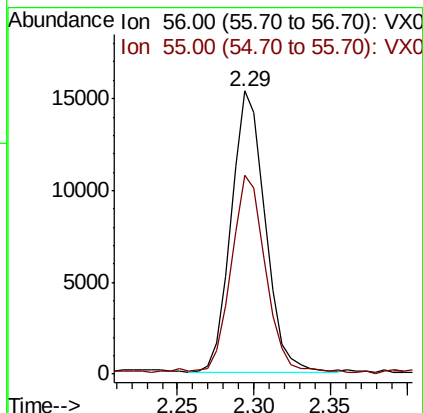
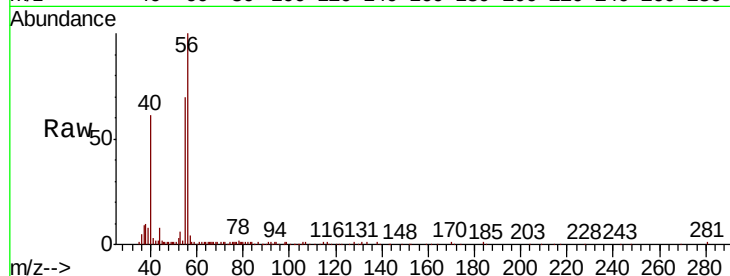
VSTDIC005

Tgt Ion: 56 Resp: 23529

Ion Ratio Lower Upper

56 100

55 74.8 57.8 86.6



#14

Allyl chloride

Concen: 4.035 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

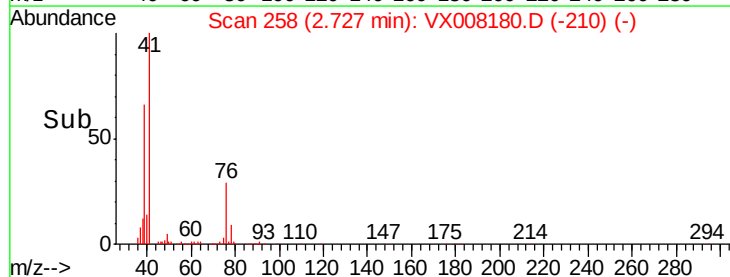
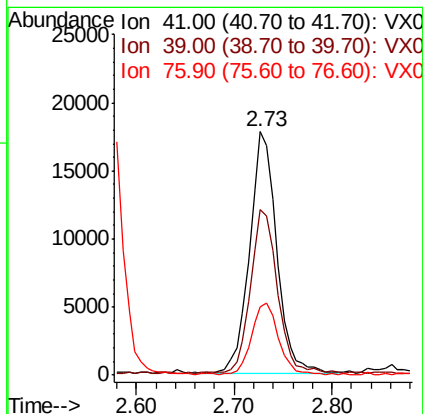
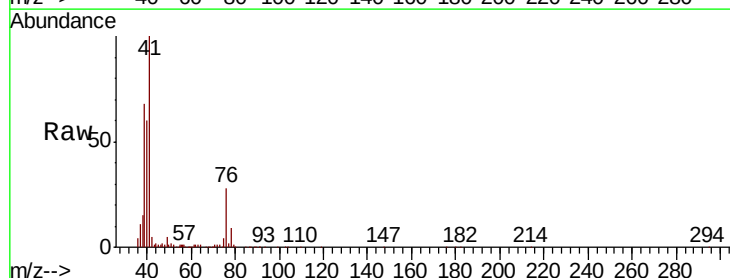
Tgt Ion: 41 Resp: 34398

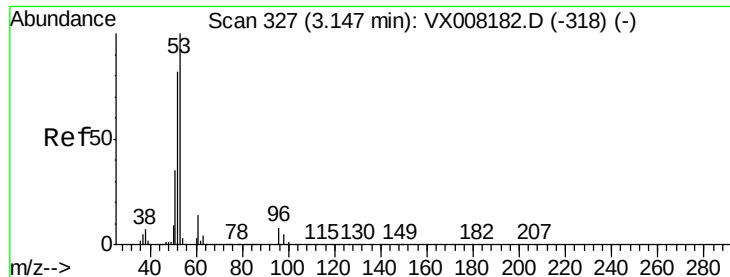
Ion Ratio Lower Upper

41 100

39 67.7 46.1 69.1

76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 21.241 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

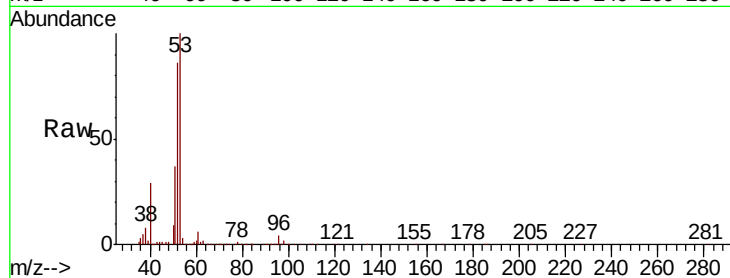
Tgt Ion: 53 Resp: 57477

Ion Ratio Lower Upper

53 100

52 84.1 66.0 99.0

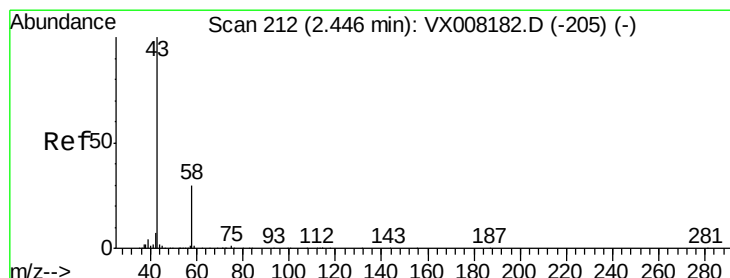
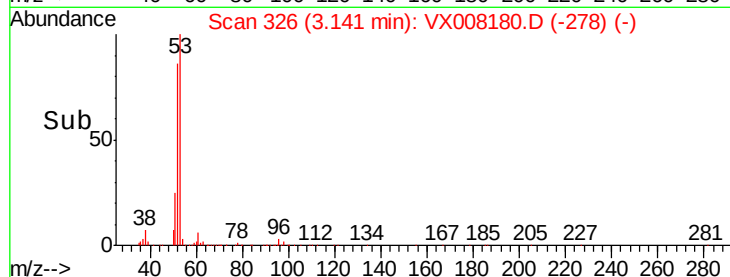
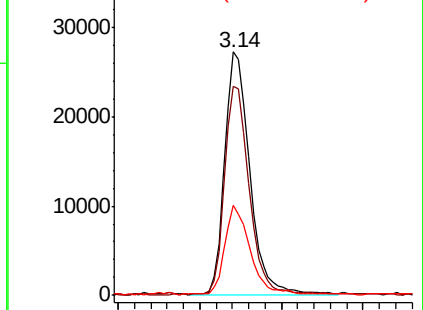
51 36.9 28.0 42.0



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: 23.633 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008180.D

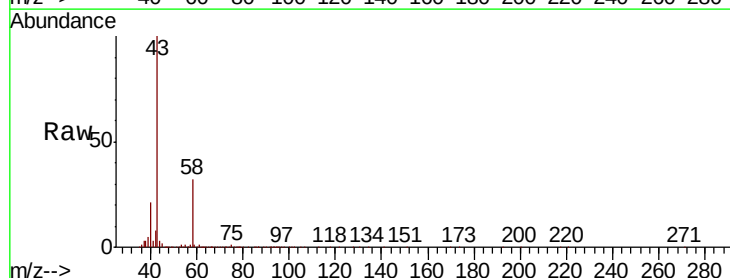
Acq: 19 Mar 2019 10:19

Tgt Ion: 43 Resp: 62391

Ion Ratio Lower Upper

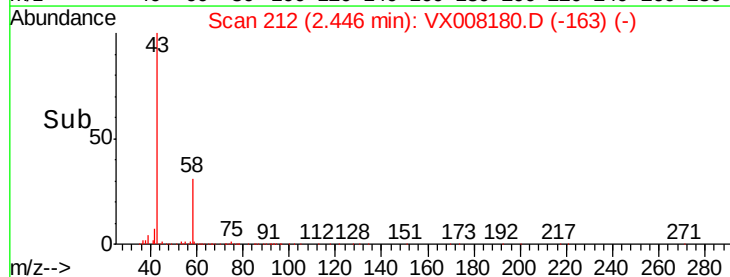
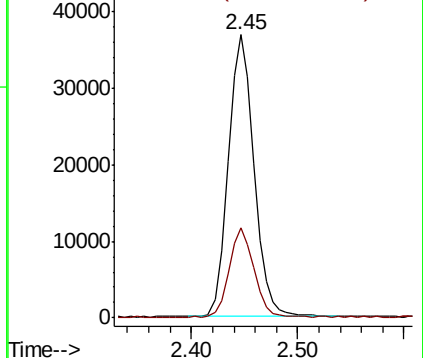
43 100

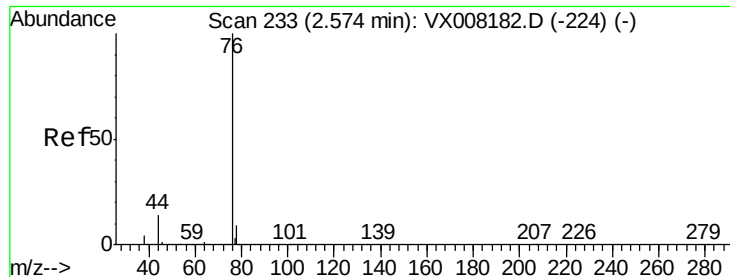
58 31.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

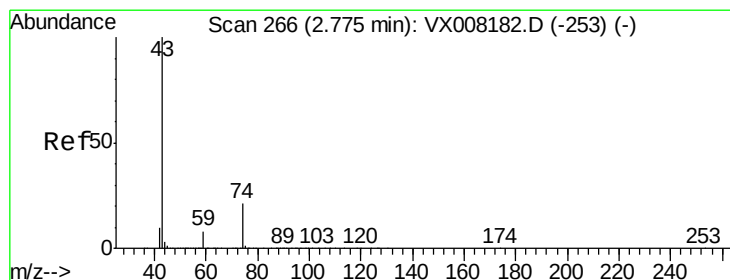
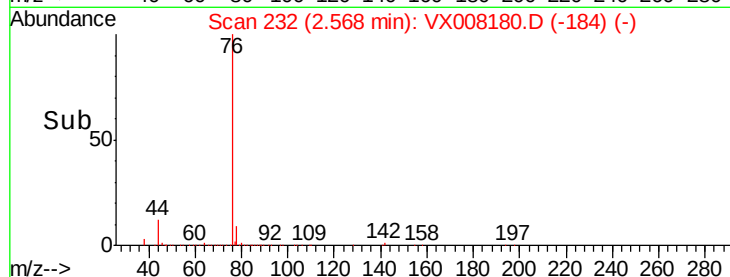
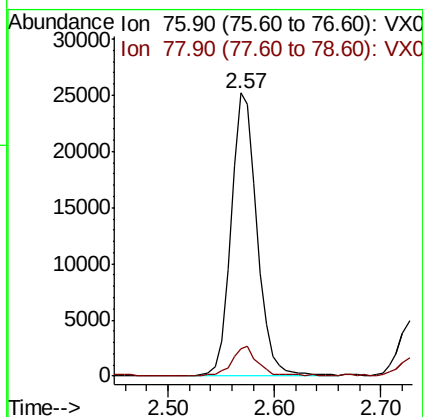
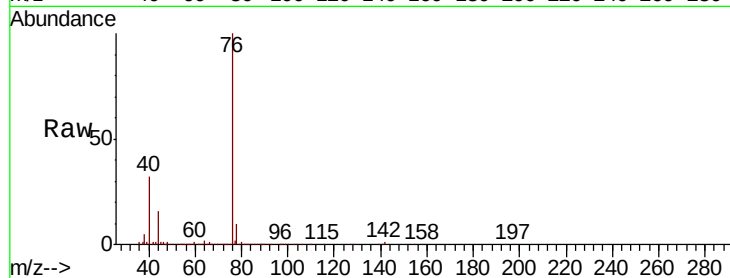




#17
Carbon Disulfide
Concen: 3.604 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

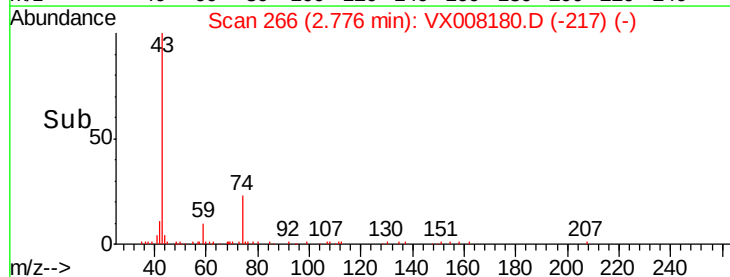
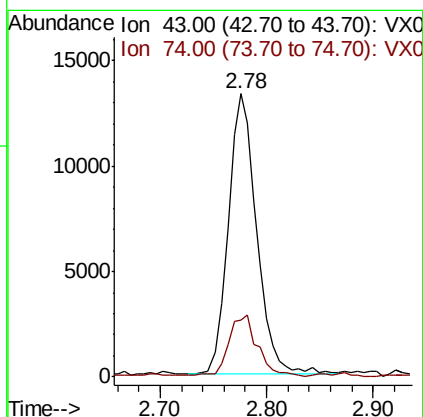
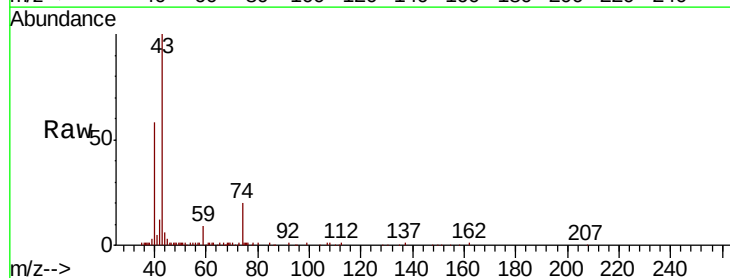
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

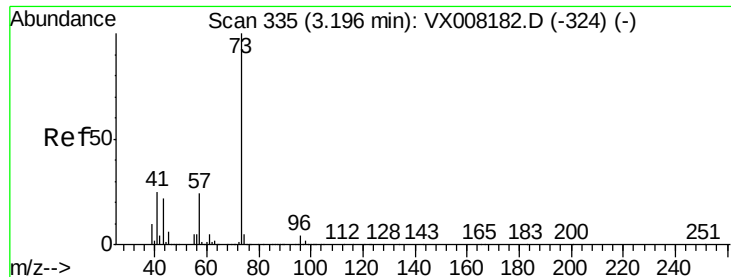
Tgt Ion: 76 Resp: 43032
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 3.832 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 43 Resp: 24713
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.6

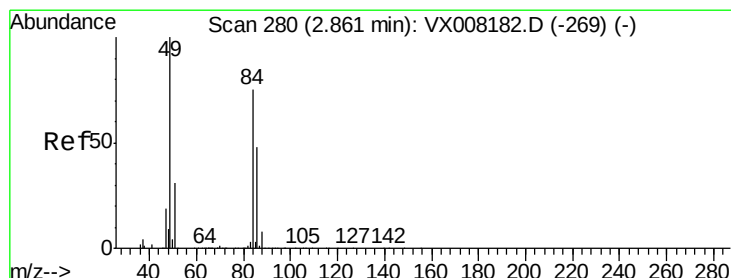
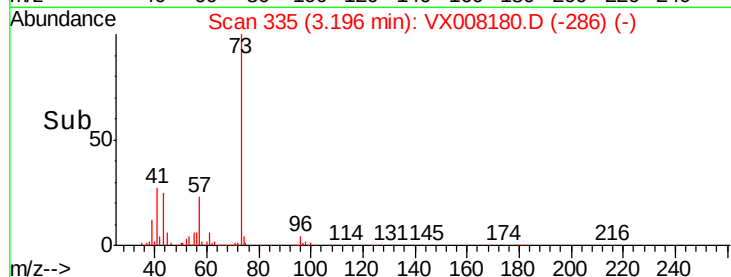
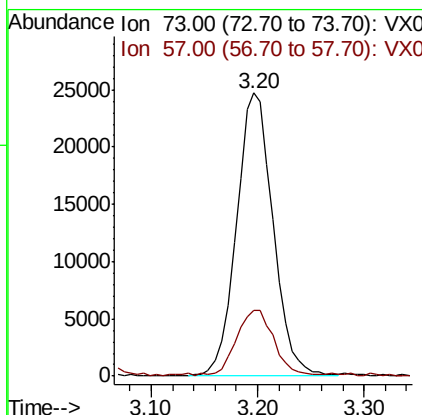
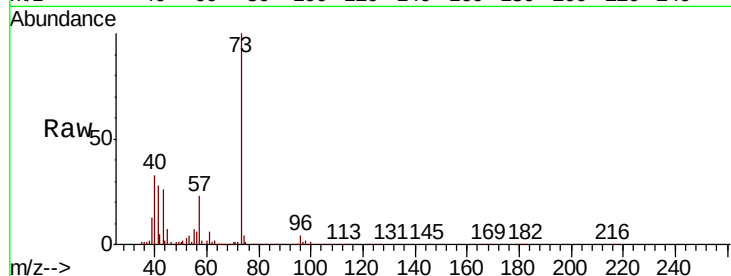




#19
Methyl tert-butyl Ether
Concen: 4.243 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

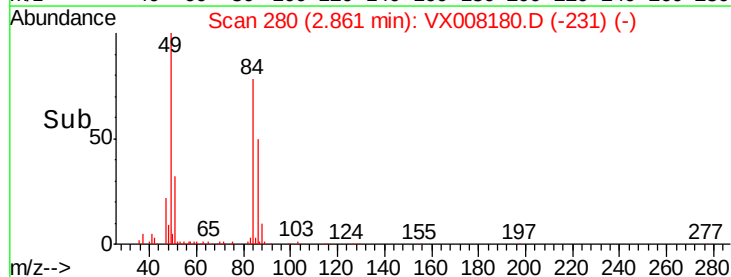
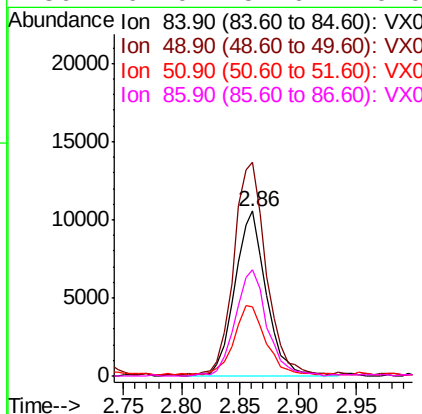
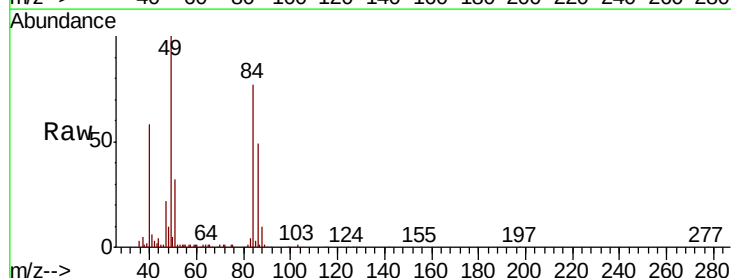
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

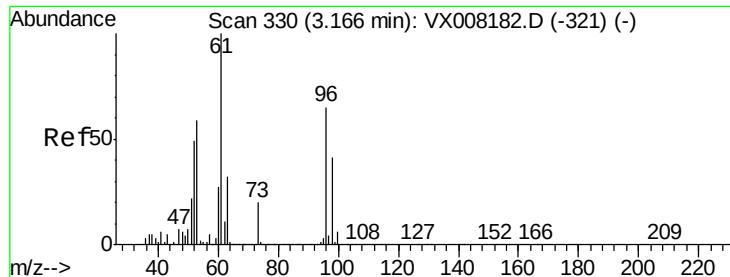
Tgt Ion: 73 Resp: 59574
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 4.576 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 84 Resp: 20012
Ion Ratio Lower Upper
84 100
49 127.6 99.3 148.9
51 40.7 31.3 46.9
86 64.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 4.073 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

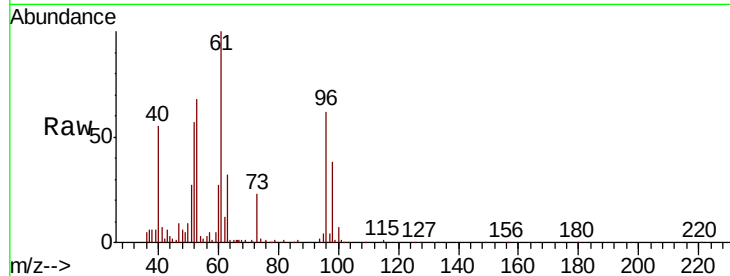
Tgt Ion: 96 Resp: 16524

Ion Ratio Lower Upper

96 100

61 160.9 114.4 171.6

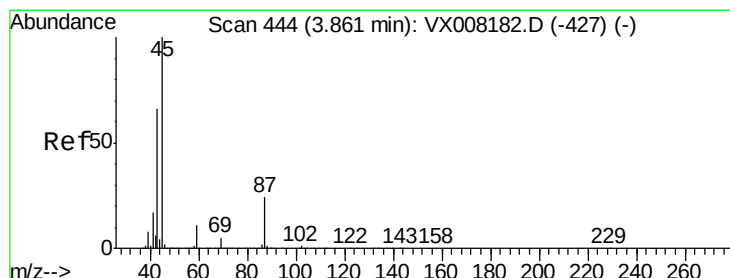
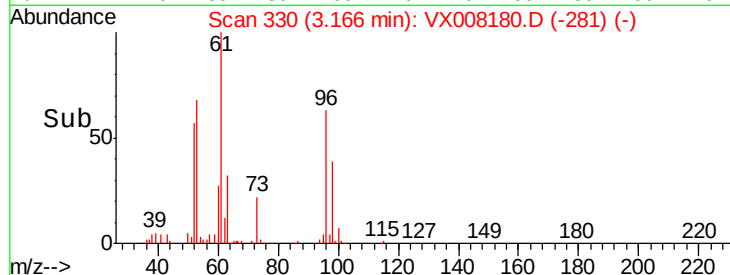
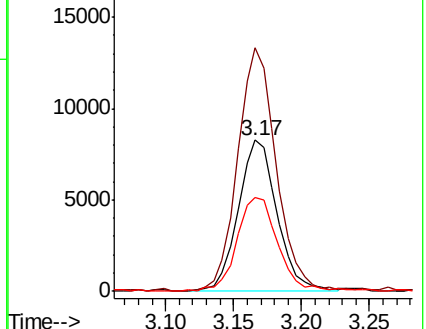
98 60.9 51.1 76.7



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: 4.222 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Tgt Ion: 45 Resp: 70666

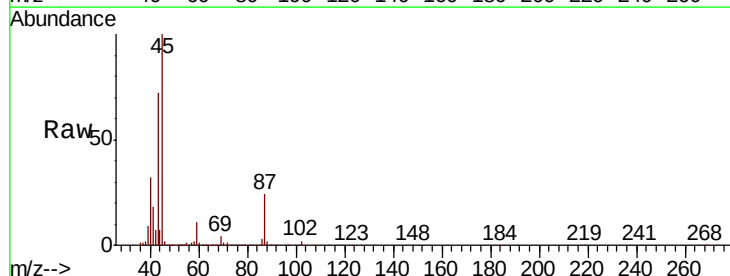
Ion Ratio Lower Upper

45 100

43 72.0 45.3 67.9#

87 23.9 21.4 32.0

59 10.9 9.5 14.3

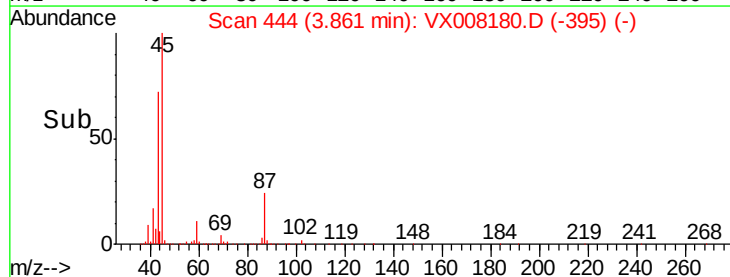
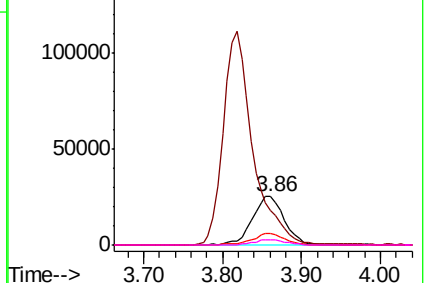


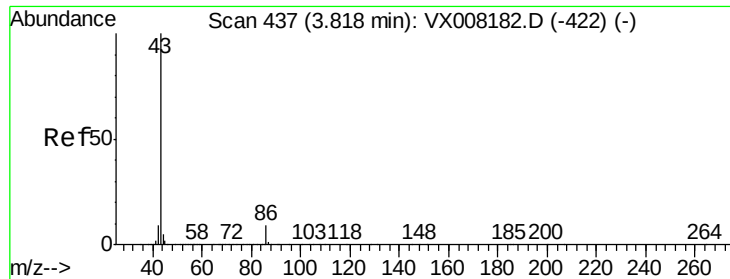
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 19.765 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

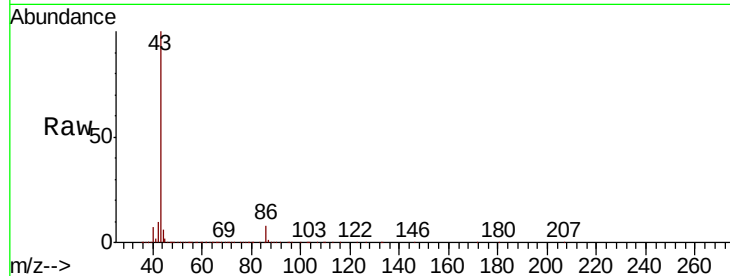
VSTDIC005

Tgt Ion: 43 Resp: 291706

Ion Ratio Lower Upper

43 100

86 8.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

120000

100000

80000

60000

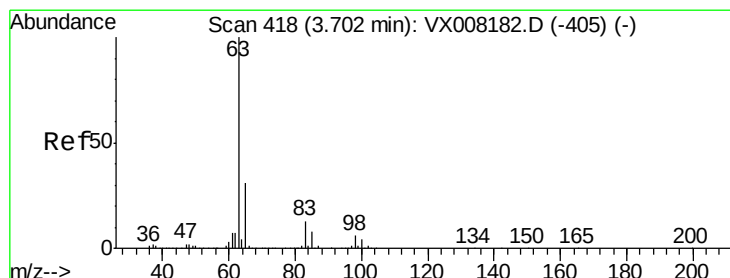
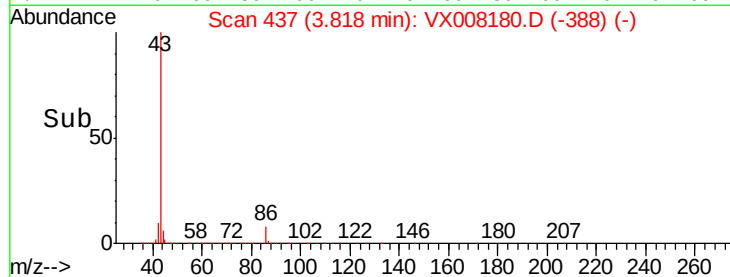
40000

20000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 4.273 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

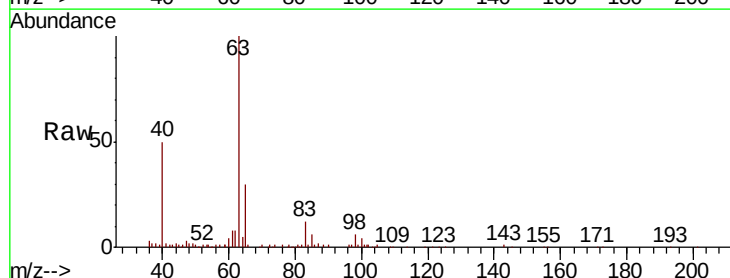
Tgt Ion: 63 Resp: 36001

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 3.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

20000

15000

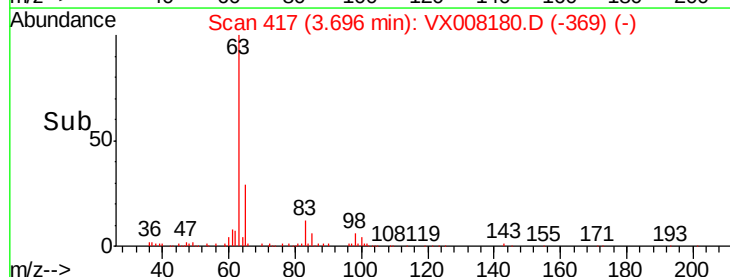
10000

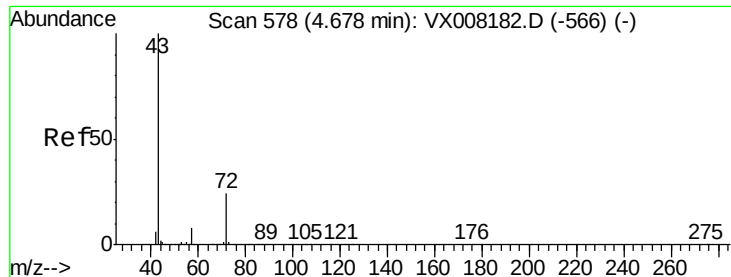
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 21.563 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

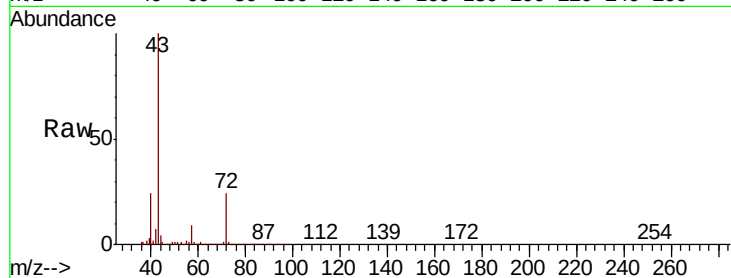
VSTDIC005

Tgt Ion: 43 Resp: 87396

Ion Ratio Lower Upper

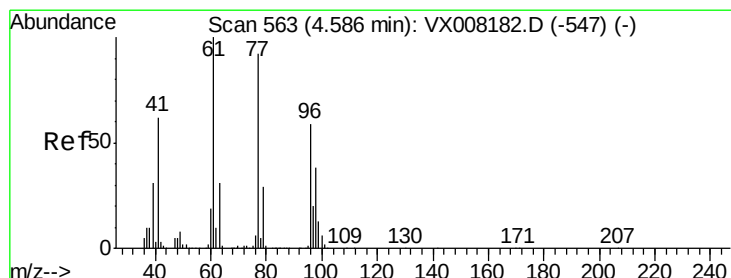
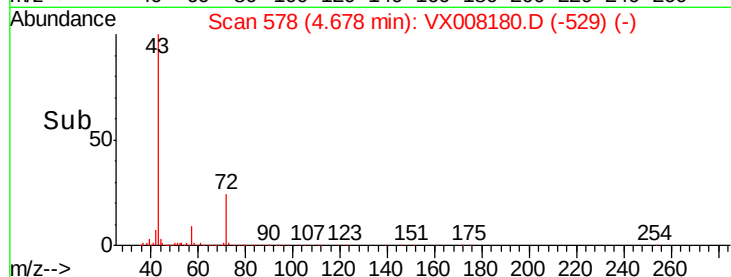
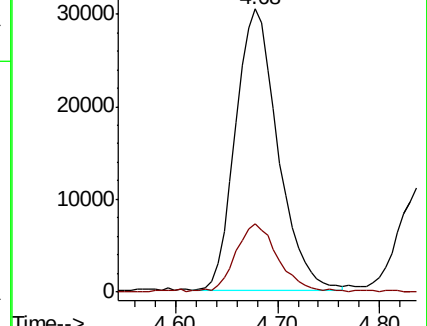
43 100

72 24.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.134 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008180.D

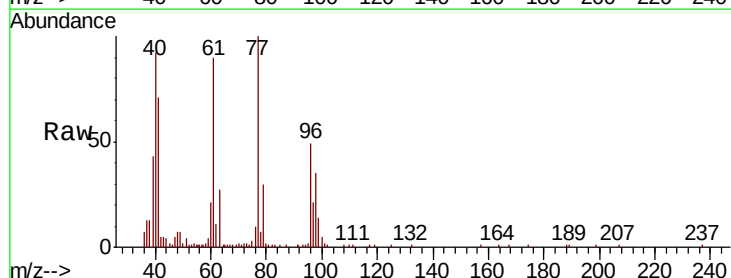
Acq: 19 Mar 2019 10:19

Tgt Ion: 77 Resp: 26510

Ion Ratio Lower Upper

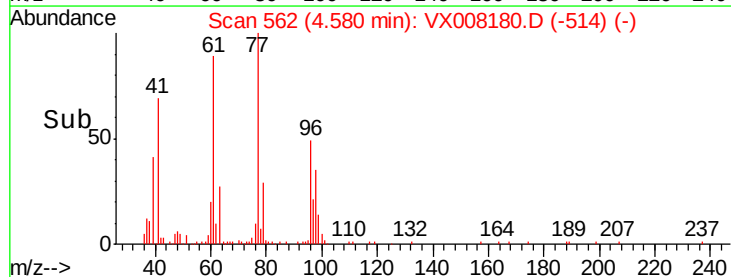
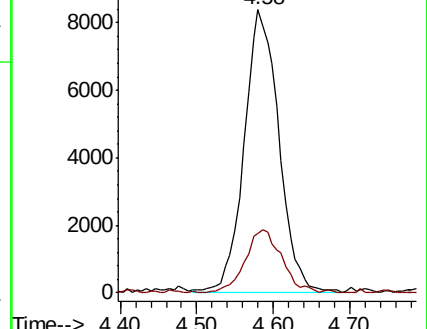
77 100

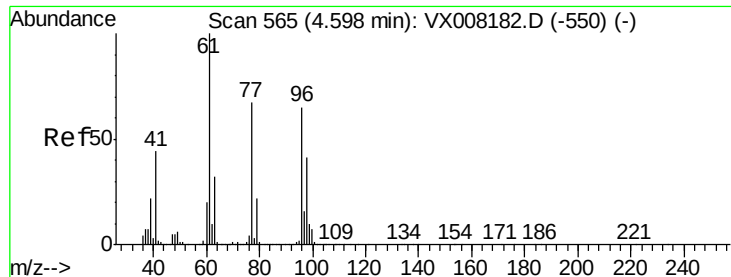
97 23.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.245 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

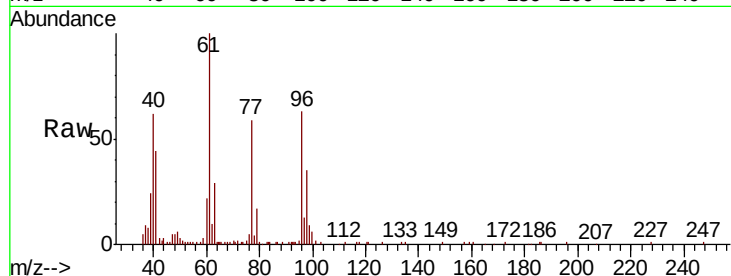
Tgt Ion: 96 Resp: 19775

Ion Ratio Lower Upper

96 100

61 162.4 0.0 288.0

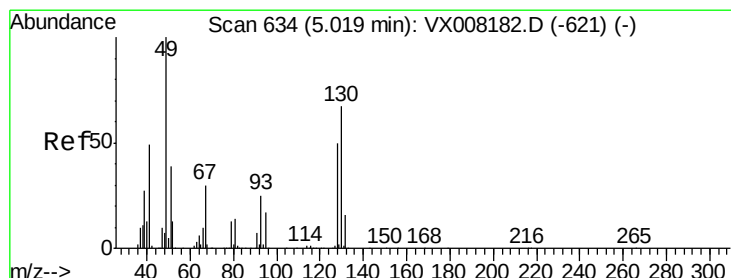
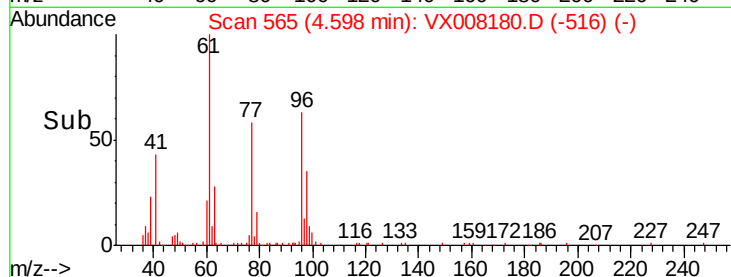
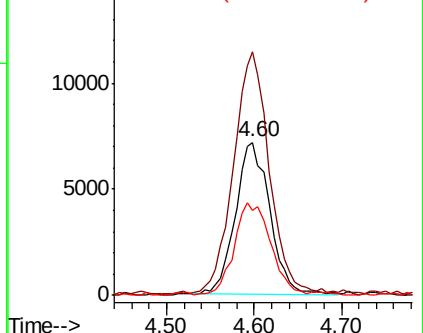
98 64.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 4.938 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

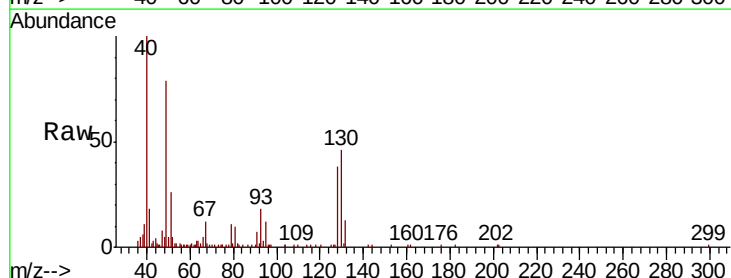
Tgt Ion: 49 Resp: 17483

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

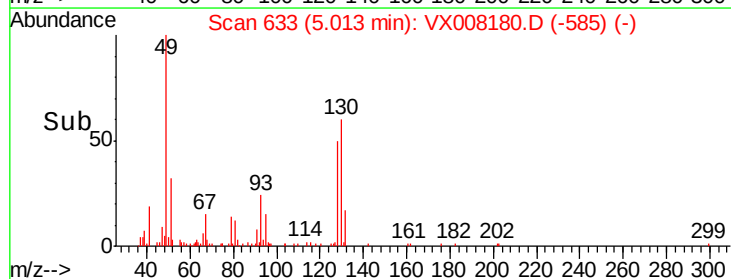
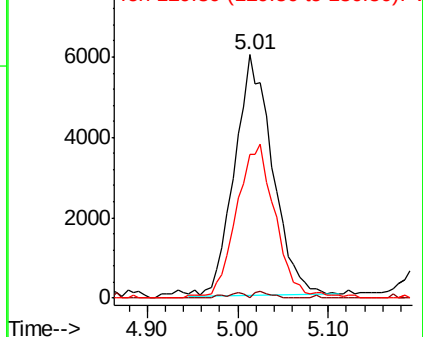
130 65.7 65.0 97.4

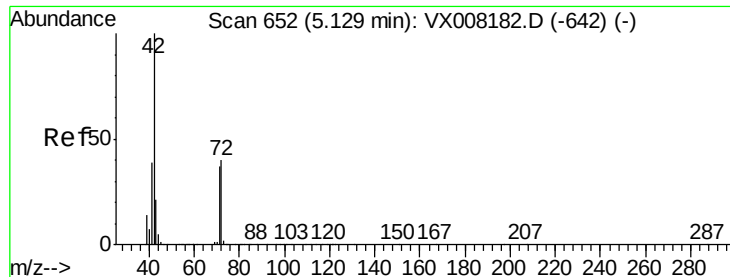


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 20.311 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

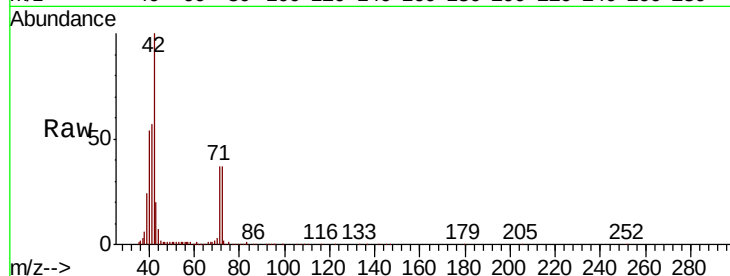
Tgt Ion: 42 Resp: 53040

Ion Ratio Lower Upper

42 100

72 40.0 33.8 50.6

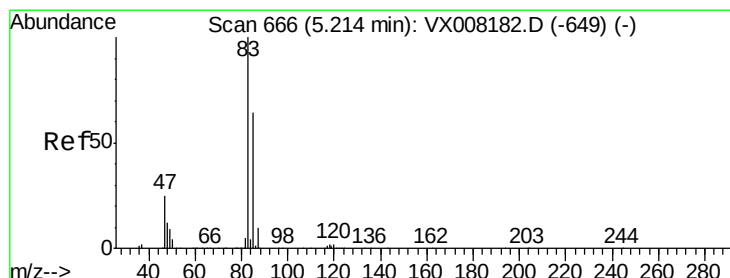
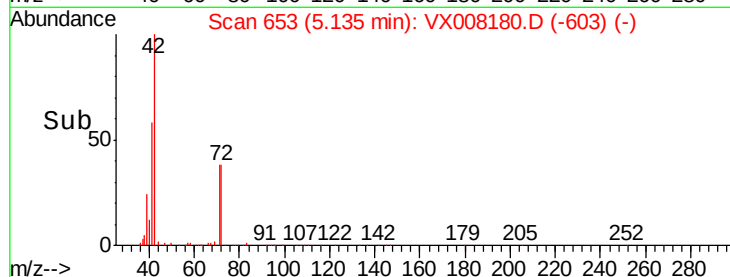
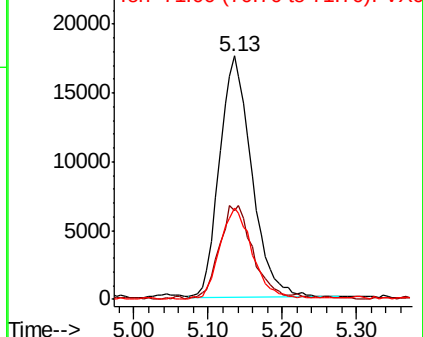
71 37.9 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 4.496 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008180.D

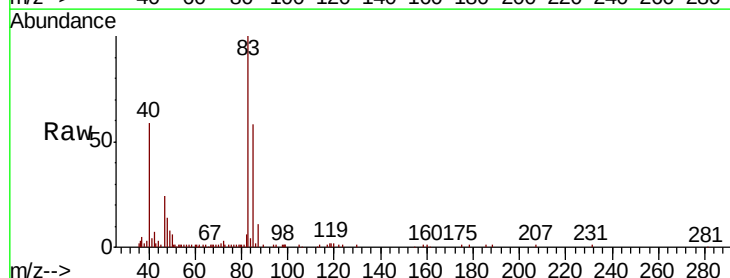
Acq: 19 Mar 2019 10:19

Tgt Ion: 83 Resp: 35573

Ion Ratio Lower Upper

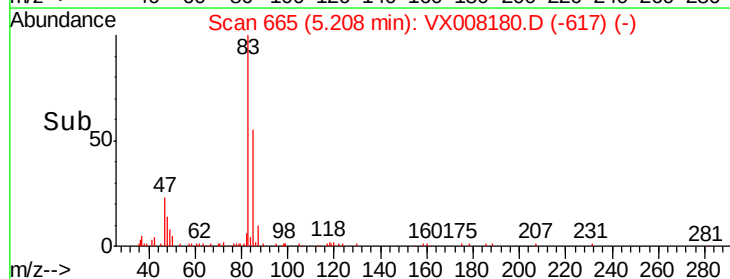
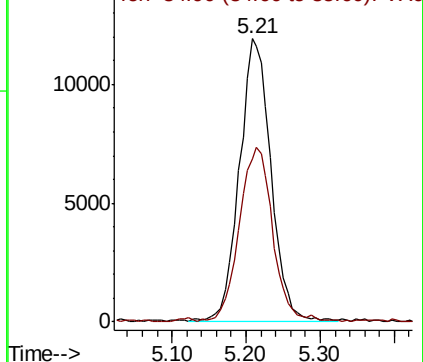
83 100

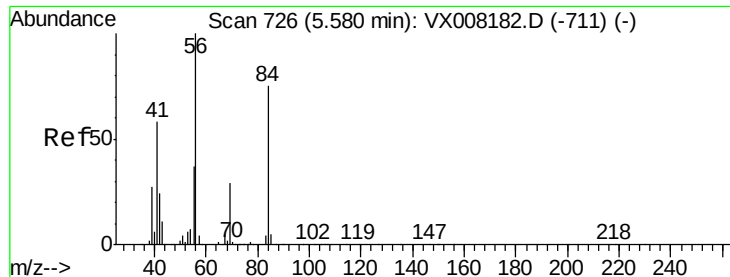
85 57.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

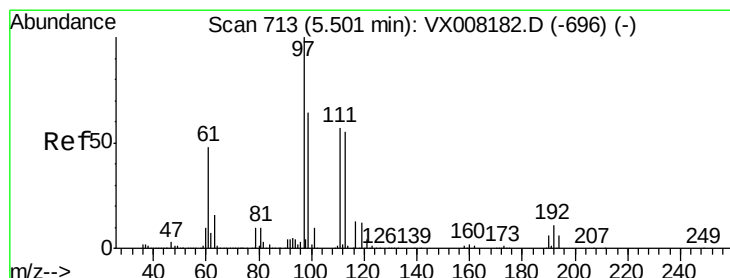
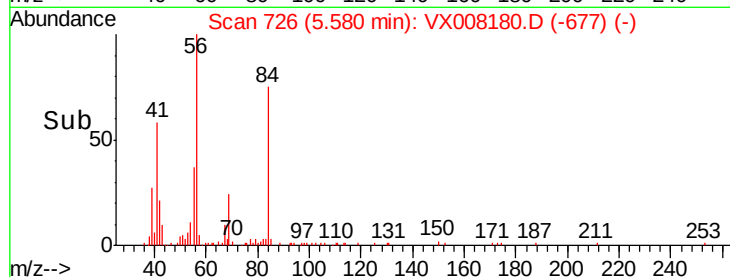
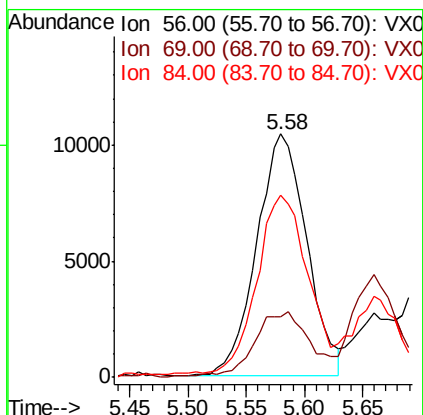
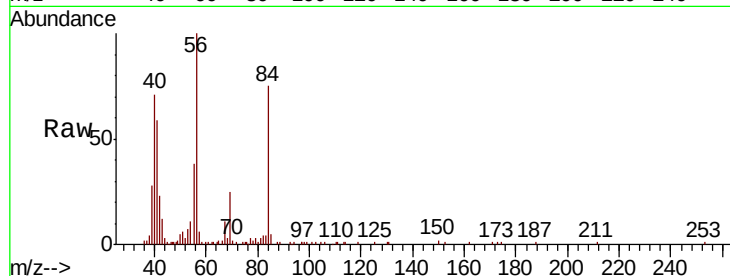




#31
Cyclohexane
Concen: 3.754 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

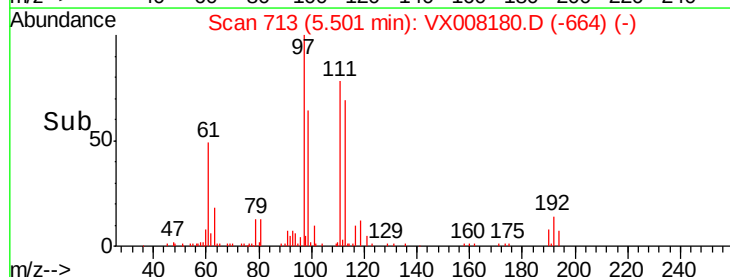
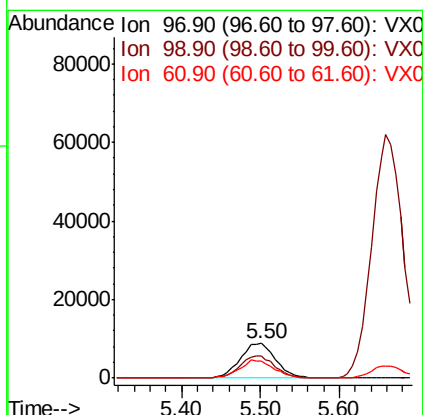
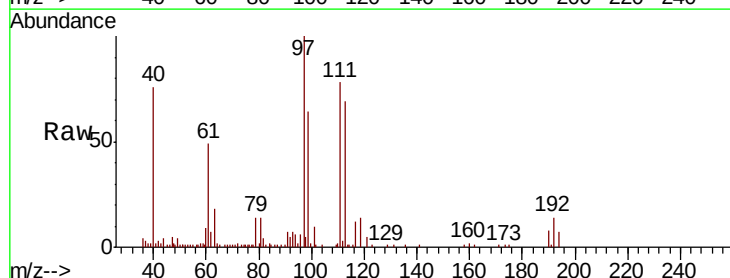
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

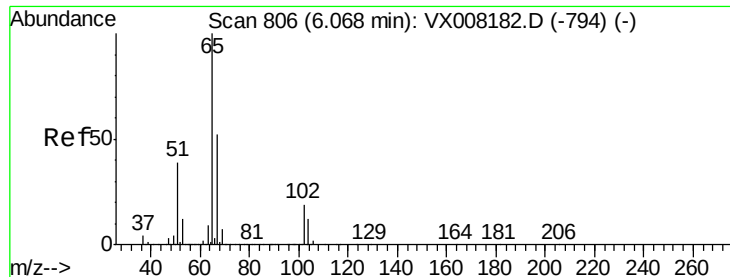
Tgt Ion: 56 Resp: 30904
Ion Ratio Lower Upper
56 100
69 24.4 24.0 36.0
84 74.0 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 4.222 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 97 Resp: 28061
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 48.0 34.9 52.3

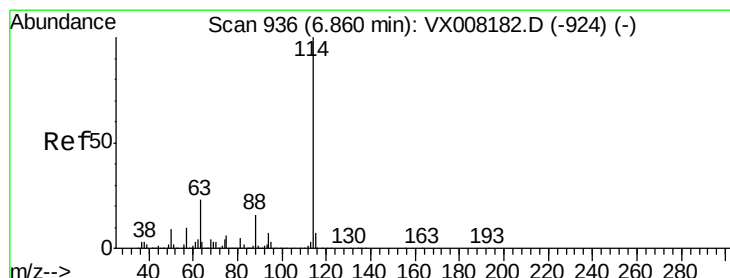
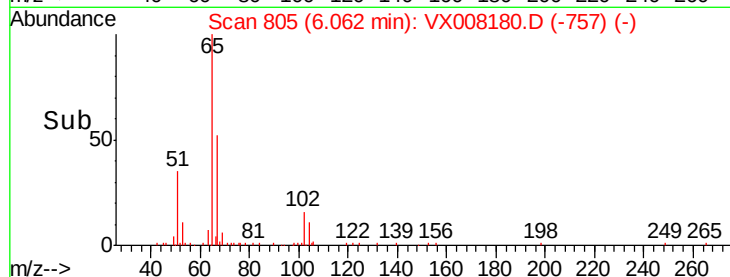
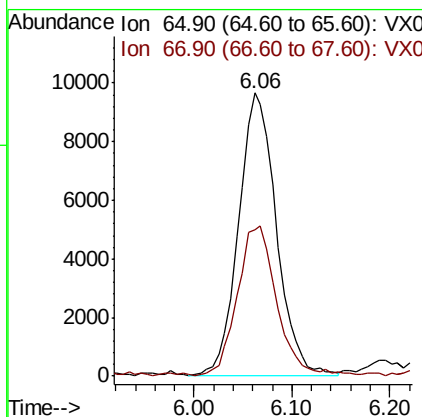
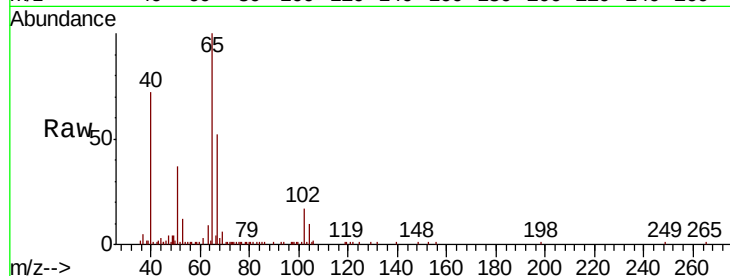




#33
 1,2-Dichloroethane-d4
 Concen: 5.774 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

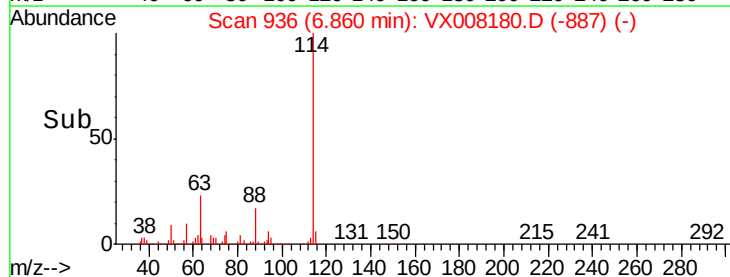
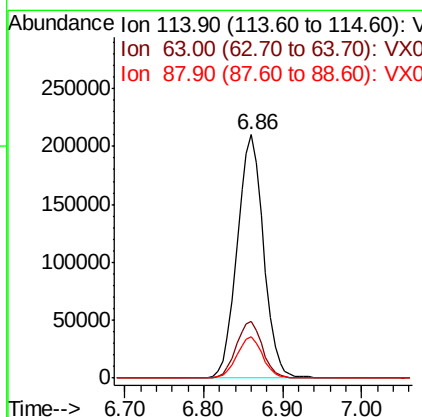
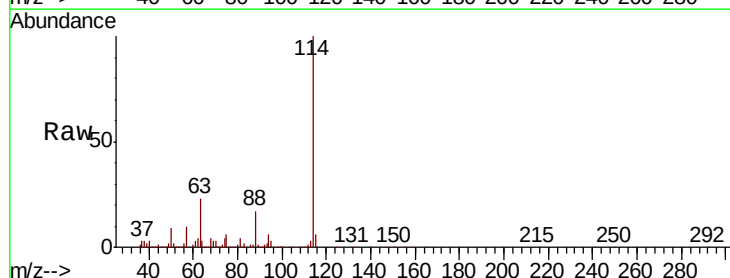
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

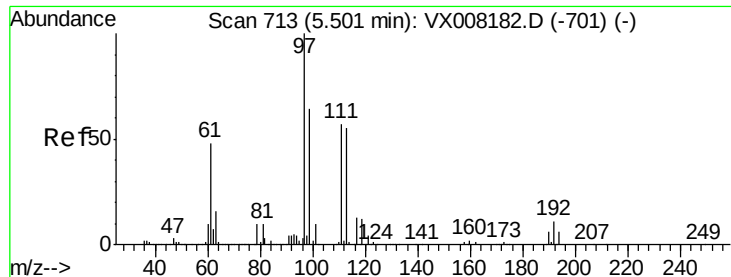
Tgt Ion: 65 Resp: 26007
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion: 114 Resp: 487011
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 39.8
 88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.442 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

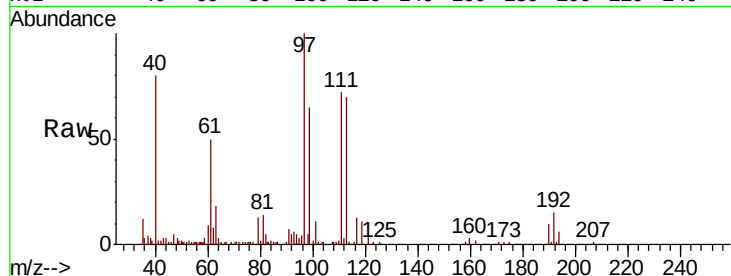
Tgt Ion:113 Resp: 18269

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

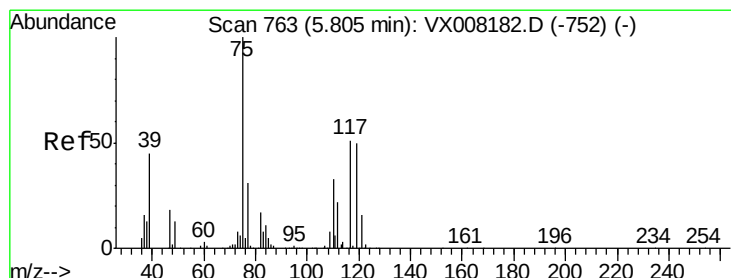
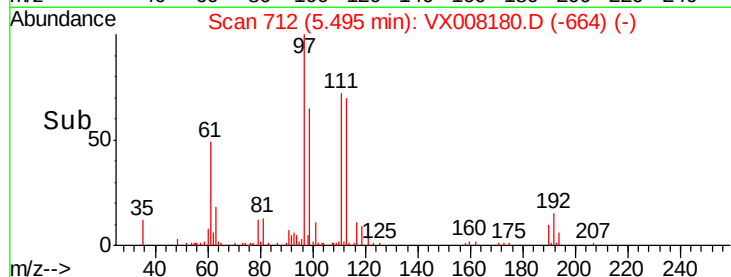
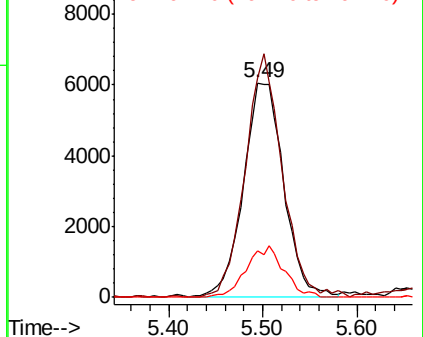
192 22.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.118 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

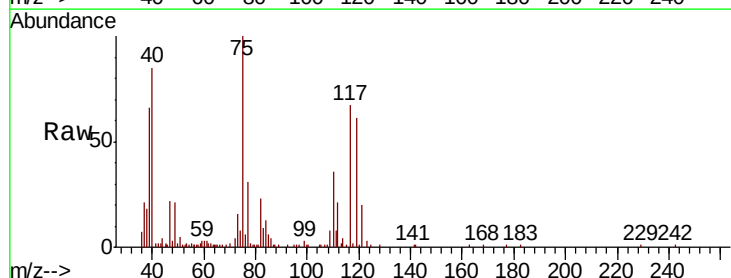
Tgt Ion: 75 Resp: 25074

Ion Ratio Lower Upper

75 100

110 36.1 18.4 55.0

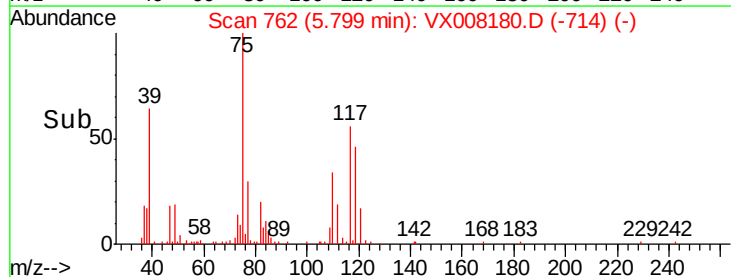
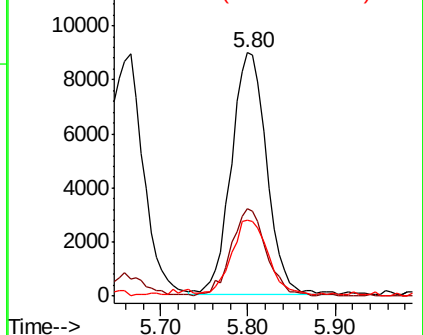
77 31.6 25.0 37.4

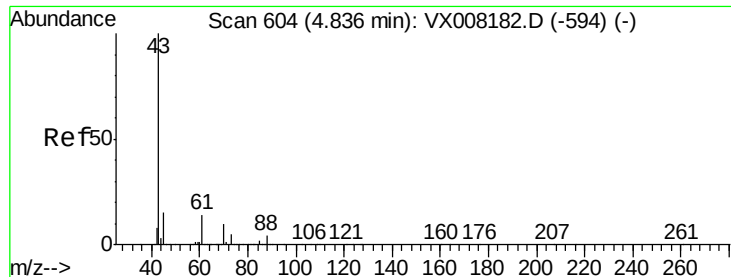


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

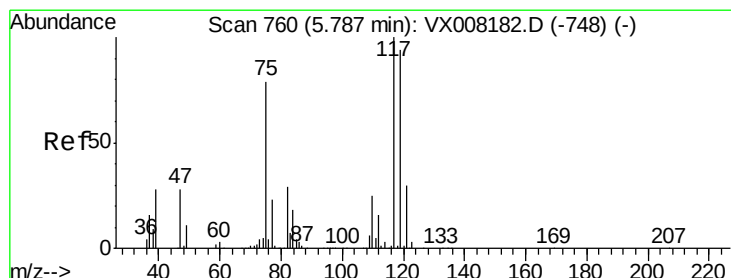
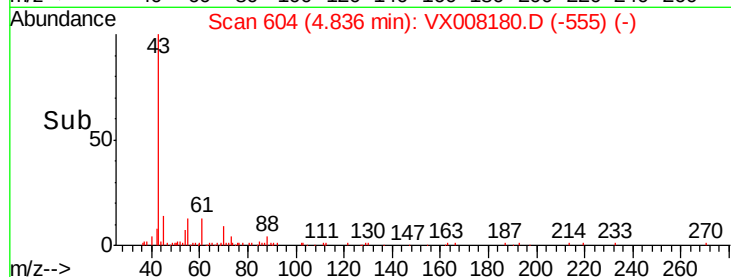
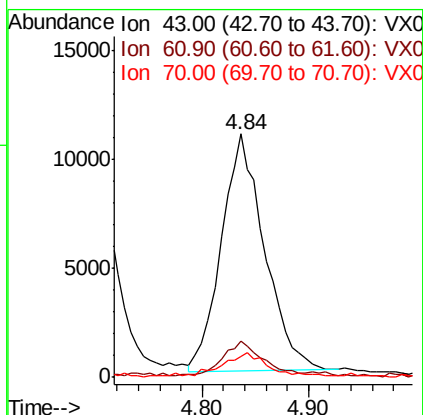
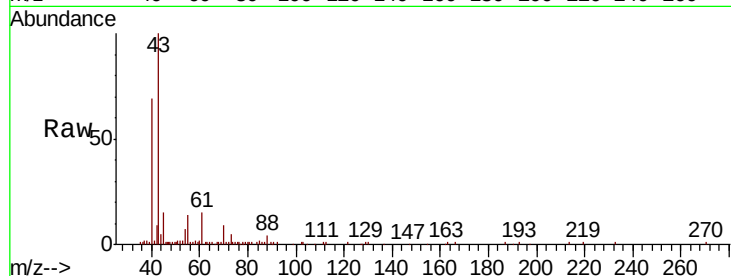




#37
Ethyl Acetate
Concen: 4.054 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

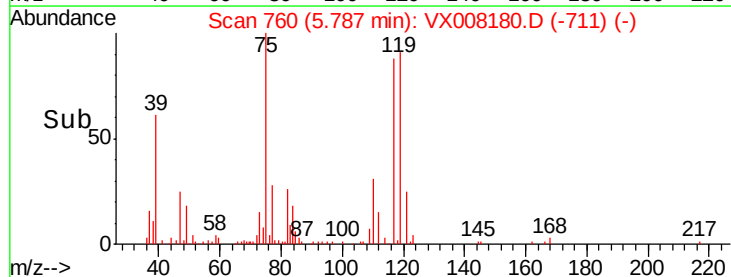
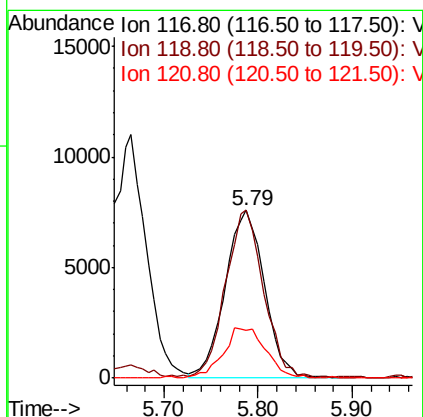
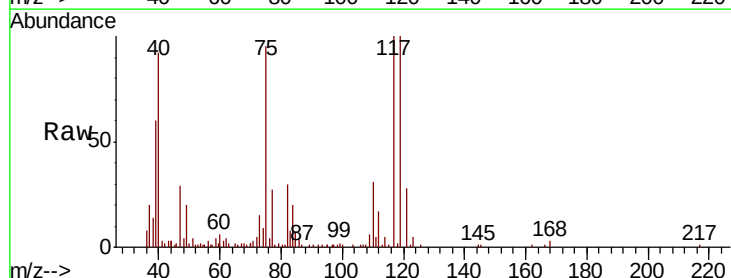
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

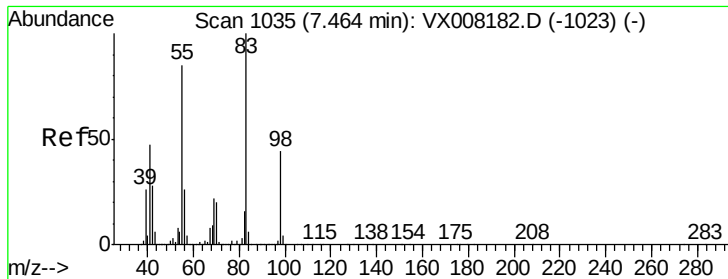
Tgt Ion: 43 Resp: 30742
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 3.960 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 117 Resp: 22036
Ion Ratio Lower Upper
117 100
119 99.1 76.2 114.2
121 28.5 24.6 36.8

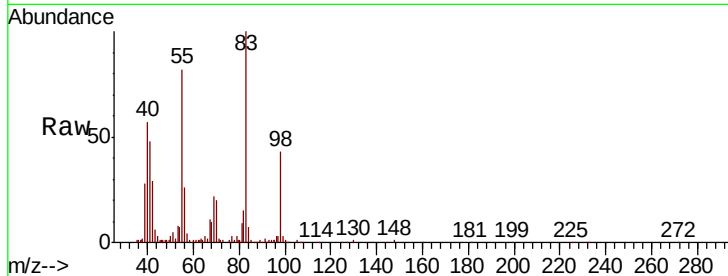




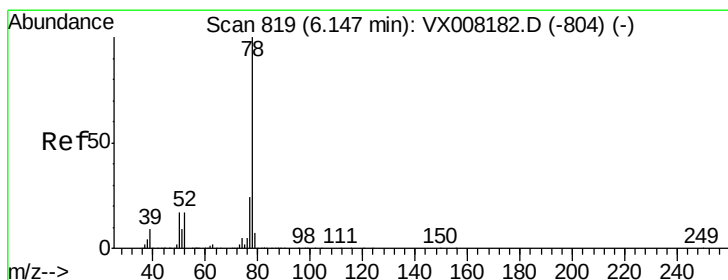
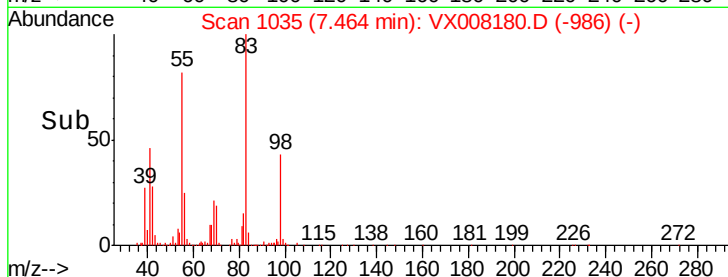
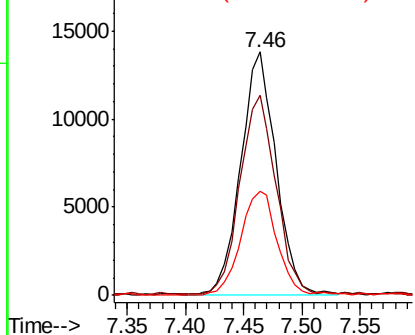
#39
Methylcyclohexane
Concen: 3.899 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 29362
Ion Ratio Lower Upper
83 100
55 81.5 60.4 90.6
98 42.5 36.5 54.7

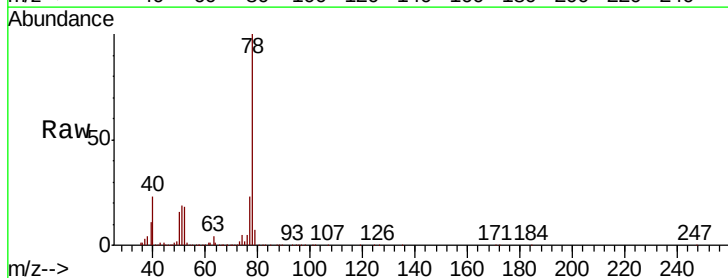


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

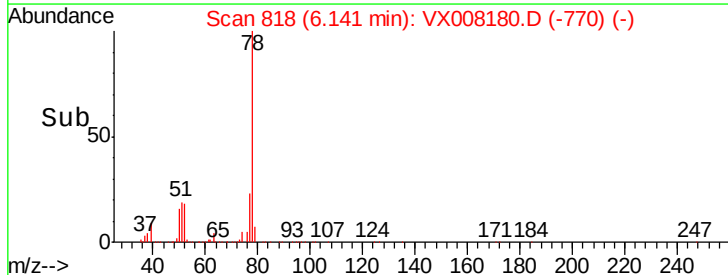
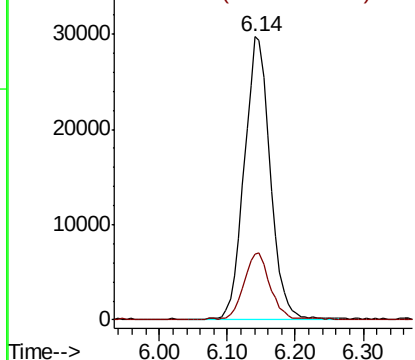


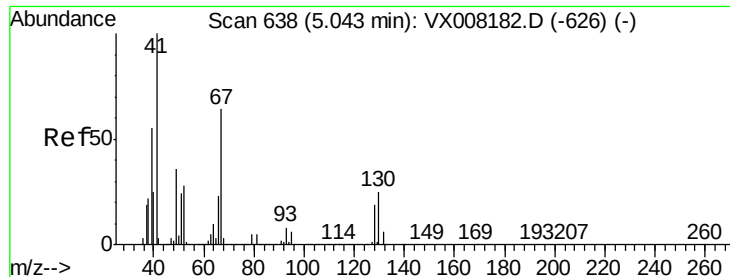
#40
Benzene
Concen: 4.331 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 78 Resp: 79042
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 4.007 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 17021

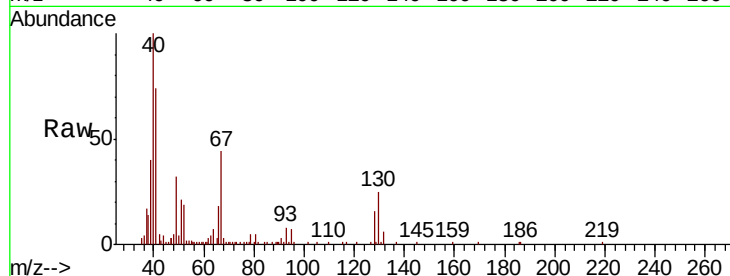
Ion Ratio Lower Upper

41 100

39 54.5 41.6 62.4

67 71.0 55.8 83.6

52 27.6 21.7 32.5

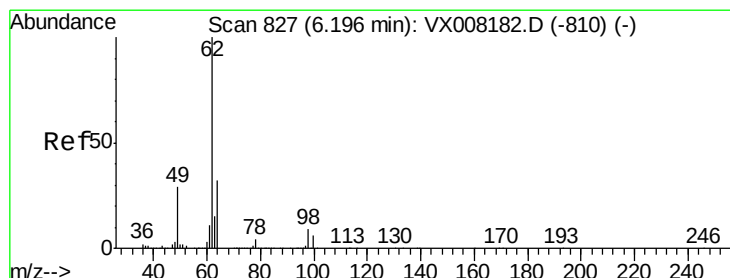
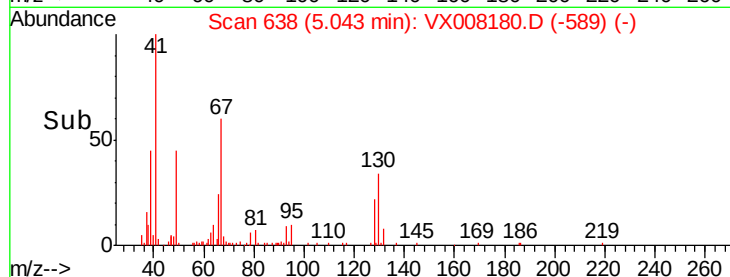
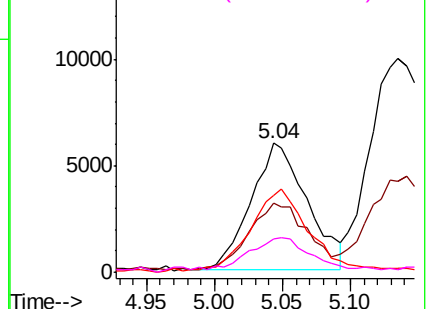


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 4.419 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008180.D

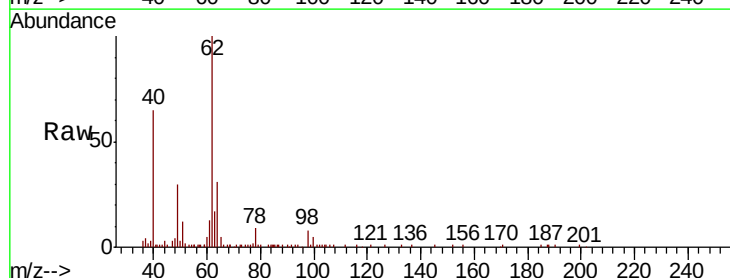
Acq: 19 Mar 2019 10:19

Tgt Ion: 62 Resp: 29168

Ion Ratio Lower Upper

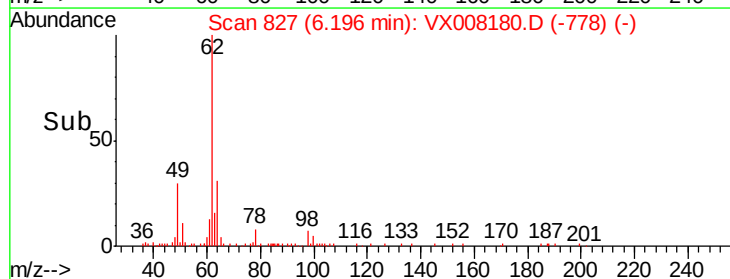
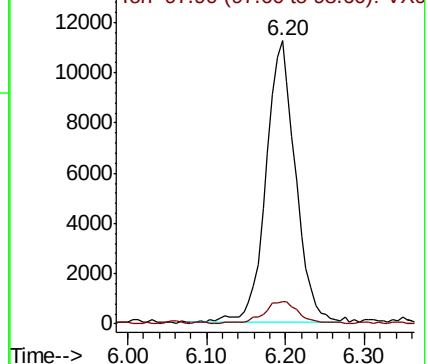
62 100

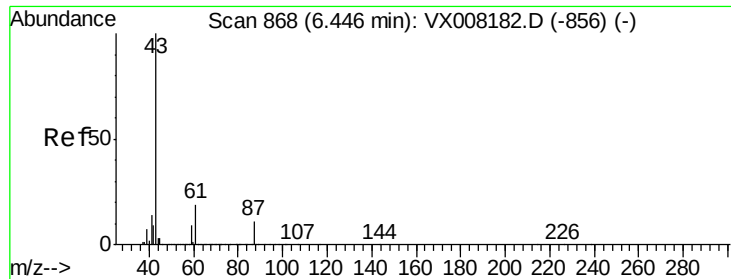
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.026 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

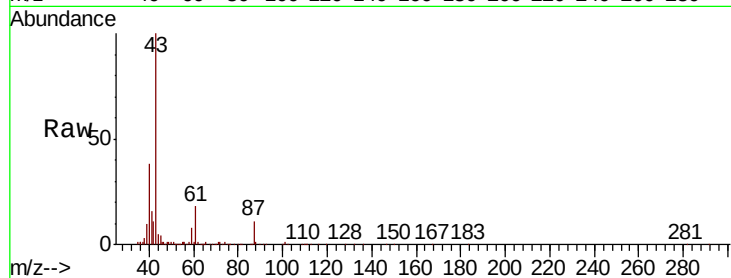
Tgt Ion: 43 Resp: 48903

Ion Ratio Lower Upper

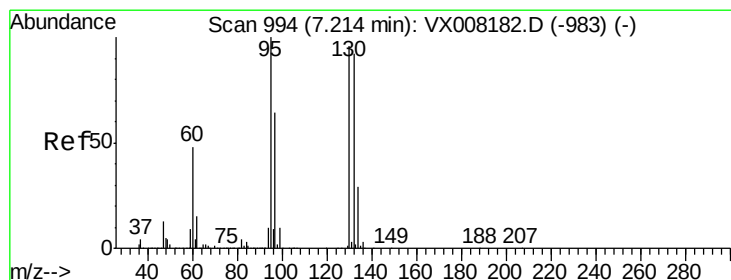
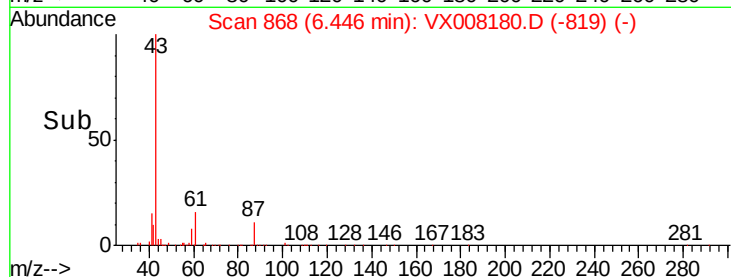
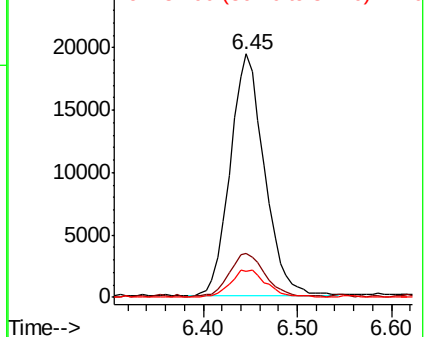
43 100

61 18.7 16.3 24.5

87 12.2 10.5 15.7



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: 4.343 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008180.D

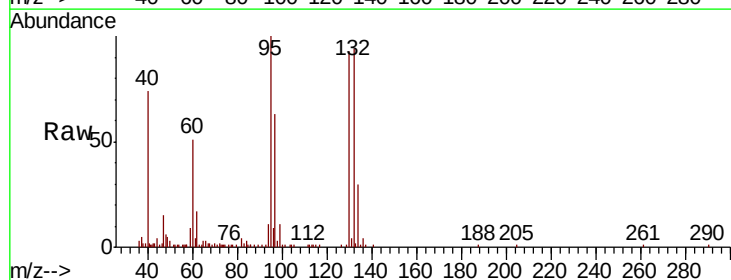
Acq: 19 Mar 2019 10:19

Tgt Ion:130 Resp: 18865

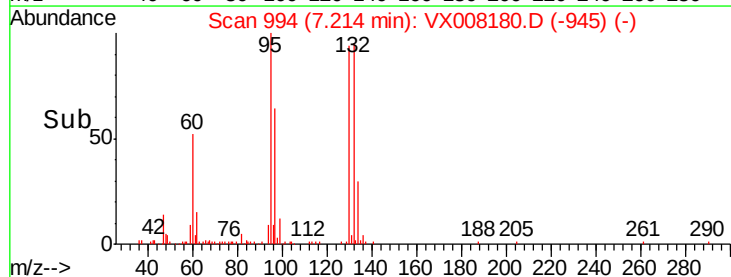
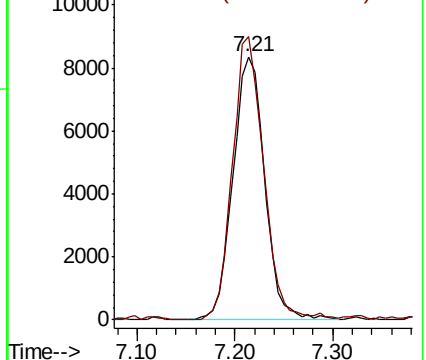
Ion Ratio Lower Upper

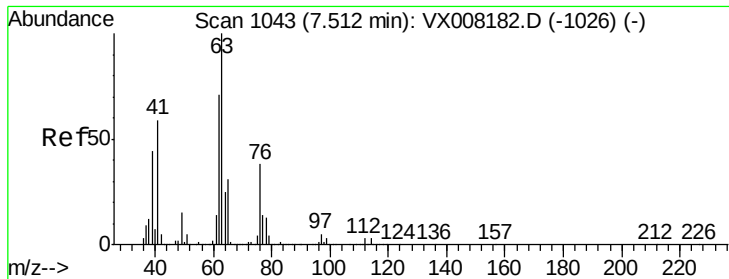
130 100

95 107.6 0.0 188.0



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





#45

1,2-Dichloropropane

Concen: 4.335 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

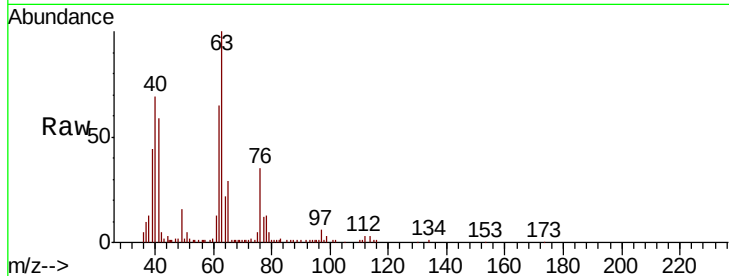
VSTDIC005

Tgt Ion: 63 Resp: 21757

Ion Ratio Lower Upper

63 100

65 27.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

12000

10000

8000

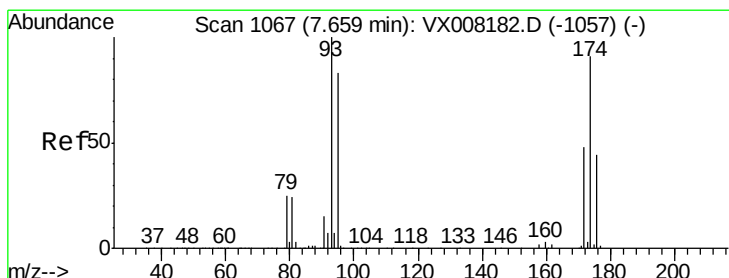
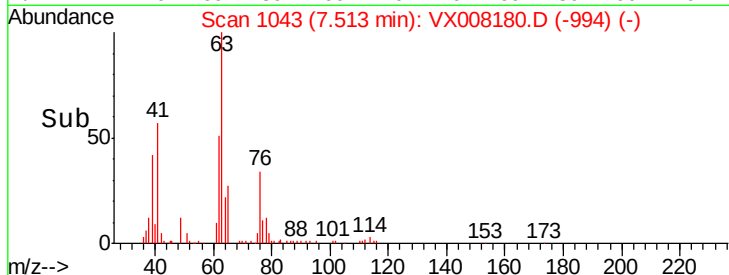
6000

4000

2000

0

Time-->



#46

Dibromomethane

Concen: 4.343 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

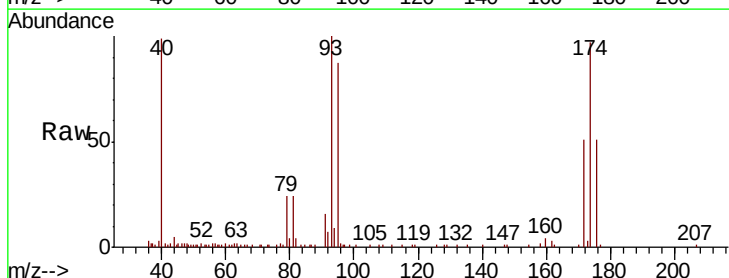
Tgt Ion: 93 Resp: 13154

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

174 94.0 97.3 145.9#



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

8000

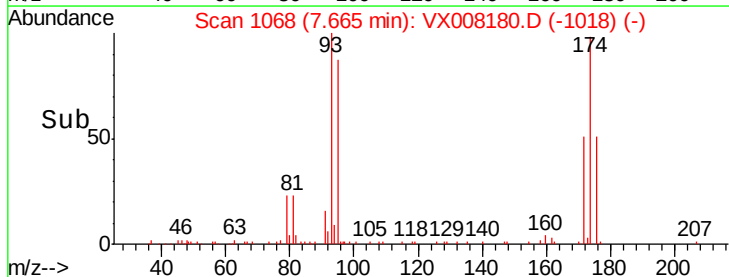
6000

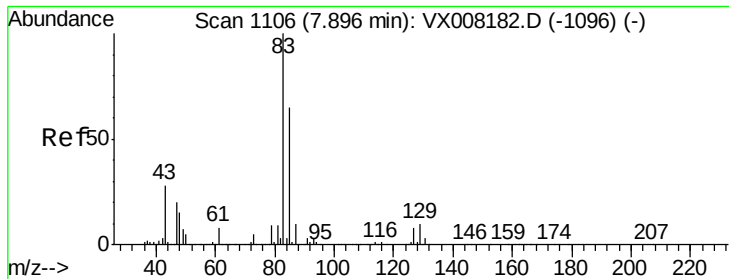
4000

2000

0

Time-->





#47

Bromodichloromethane

Concen: 4.081 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

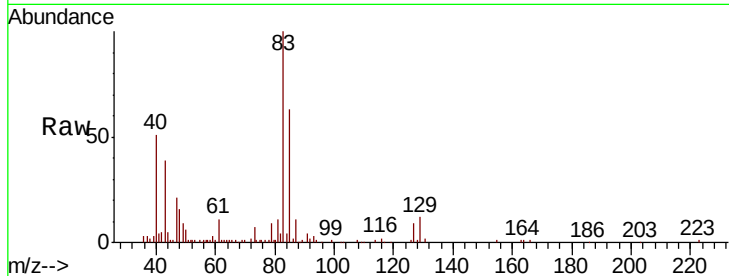
Tgt Ion: 83 Resp: 24470

Ion Ratio Lower Upper

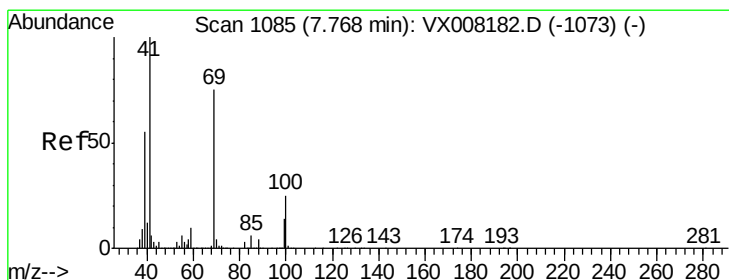
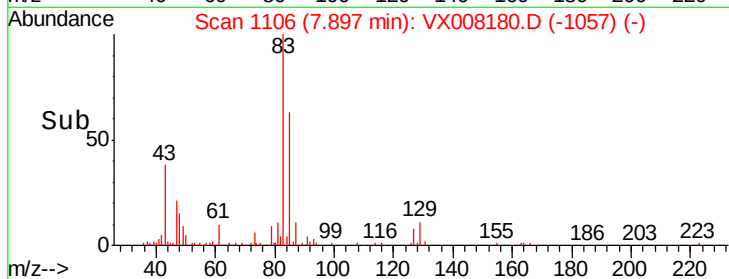
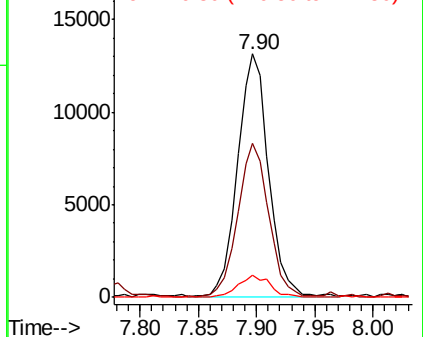
83 100

85 62.3 50.9 76.3

127 8.9 7.4 11.0



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: 3.931 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

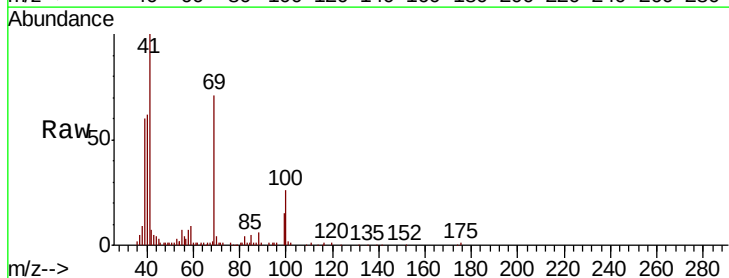
Tgt Ion: 41 Resp: 25121

Ion Ratio Lower Upper

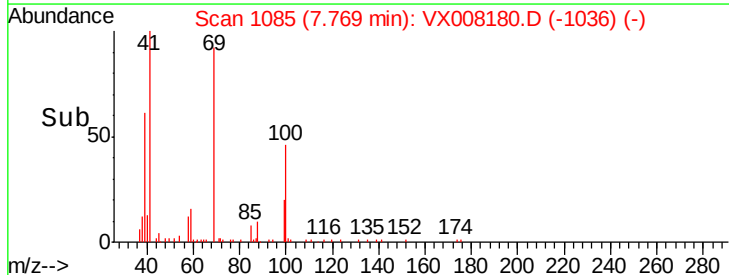
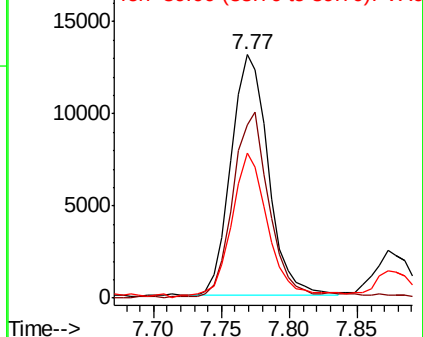
41 100

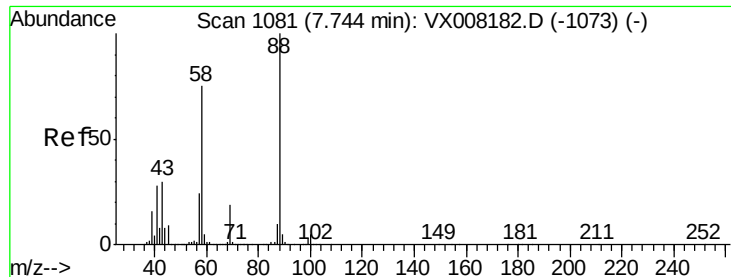
69 72.9 65.2 97.8

39 60.3 39.4 59.2#



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: 88.914 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

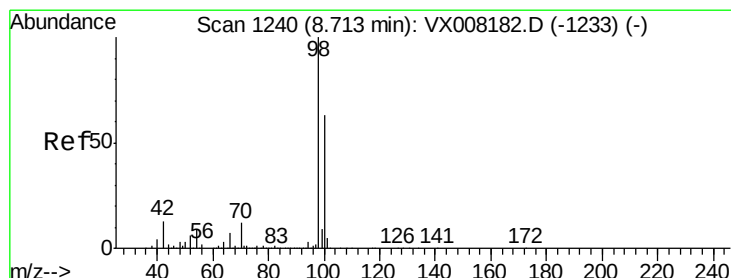
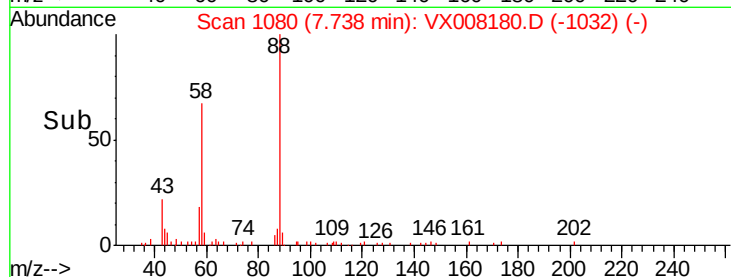
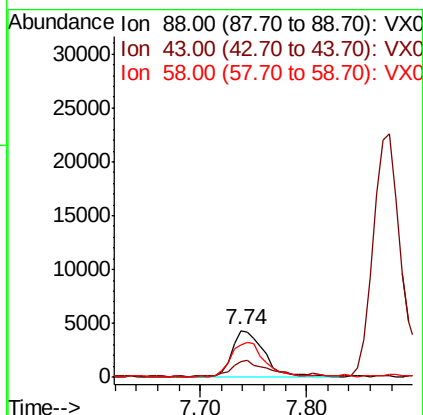
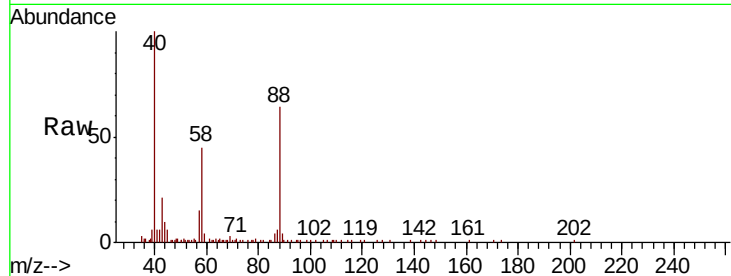
Tgt Ion: 88 Resp: 9323

Ion Ratio Lower Upper

88 100

43 37.3 25.1 37.7

58 81.7 57.8 86.6



#50

Toluene-d8

Concen: 5.173 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008180.D

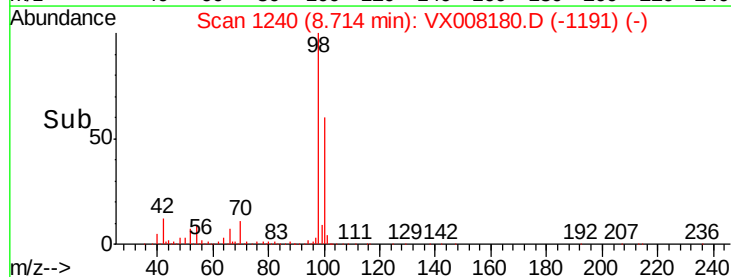
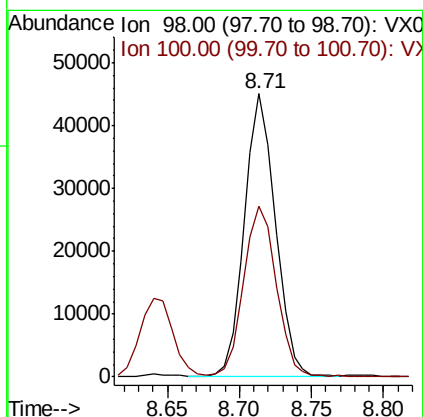
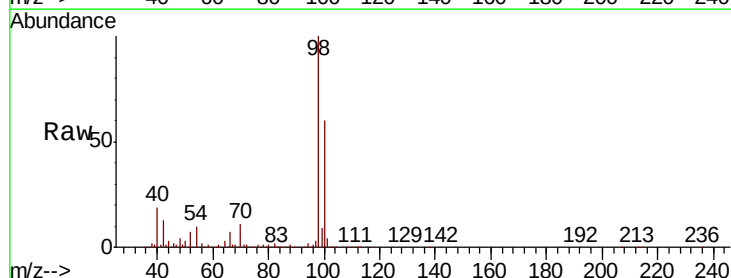
Acq: 19 Mar 2019 10:19

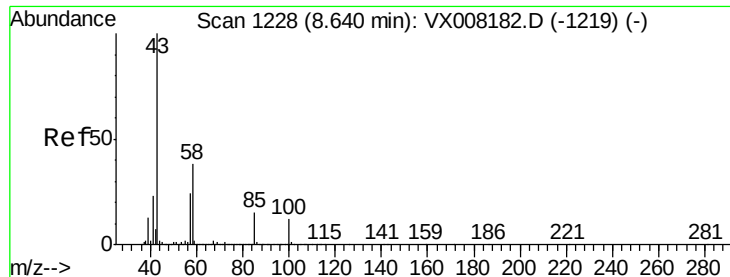
Tgt Ion: 98 Resp: 66728

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5

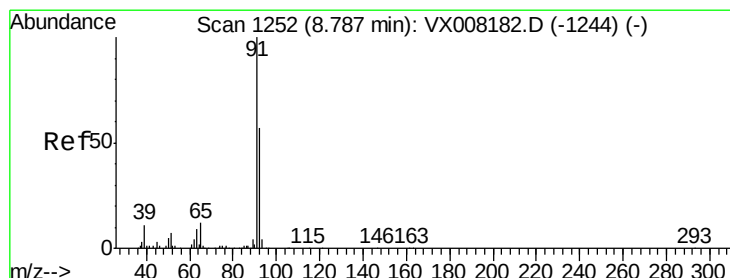
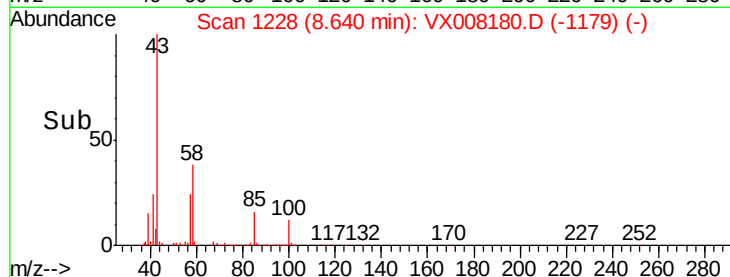
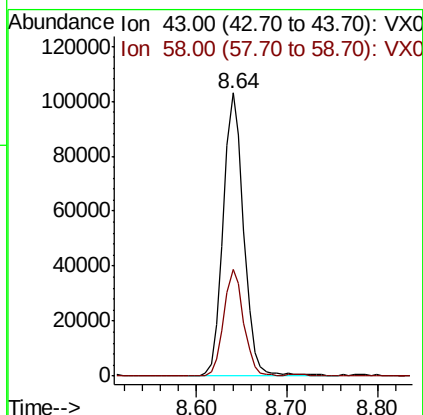
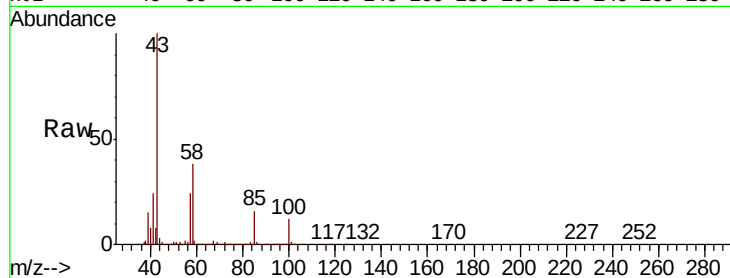




#51
 4-Methyl-2-Pentanone
 Concen: 20.845 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

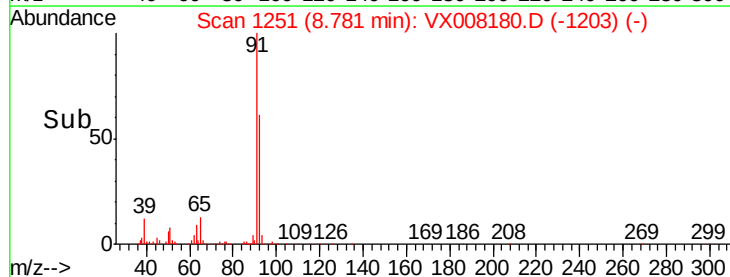
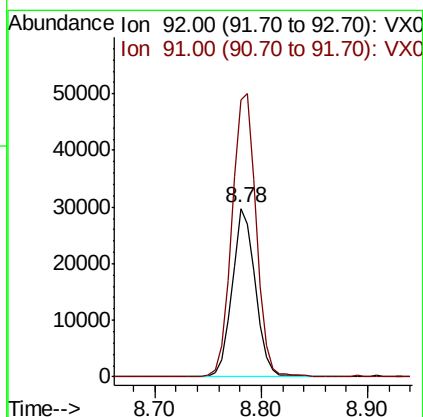
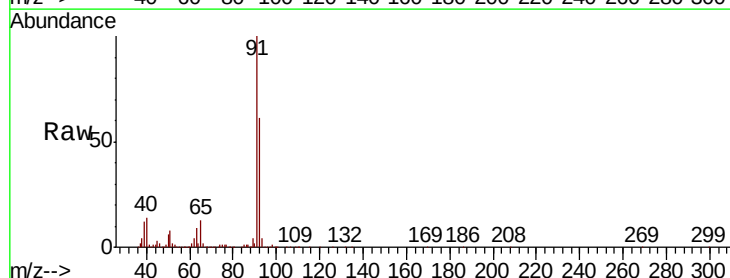
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

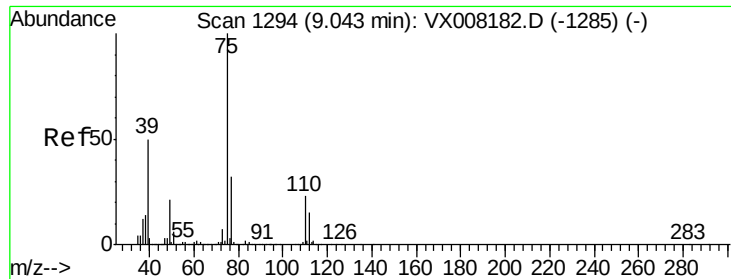
Tgt Ion: 43 Resp: 161451
 Ion Ratio Lower Upper
 43 100
 58 36.7 31.3 46.9



#52
 Toluene
 Concen: 4.247 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion: 92 Resp: 45611
 Ion Ratio Lower Upper
 92 100
 91 175.3 137.4 206.0

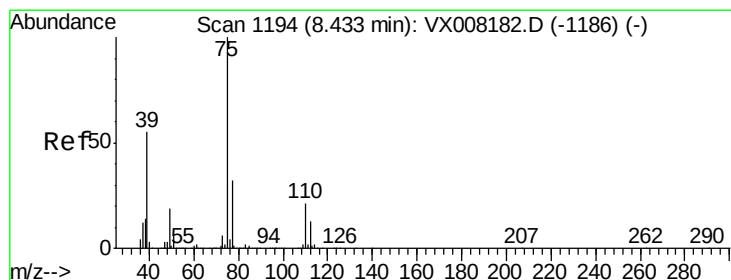
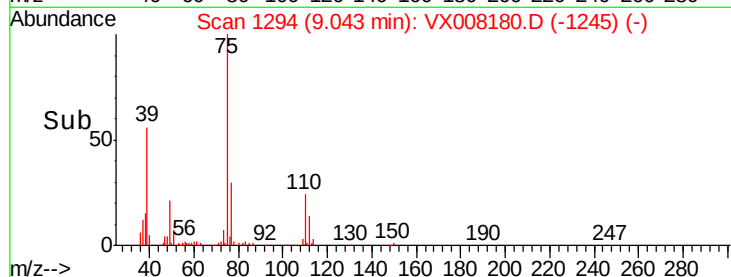
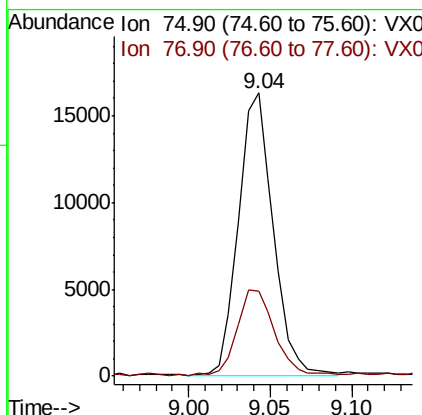
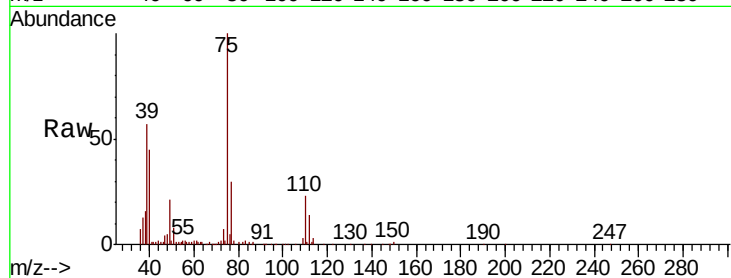




#53
 t-1,3-Dichloropropene
 Concen: 3.471 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

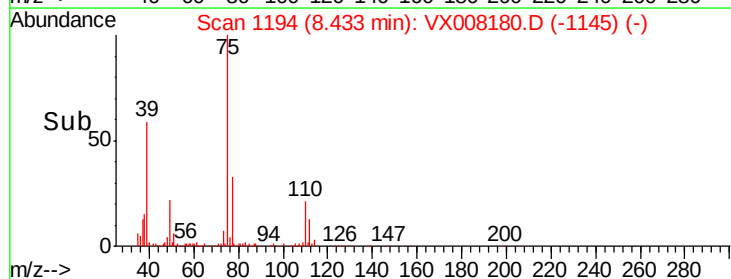
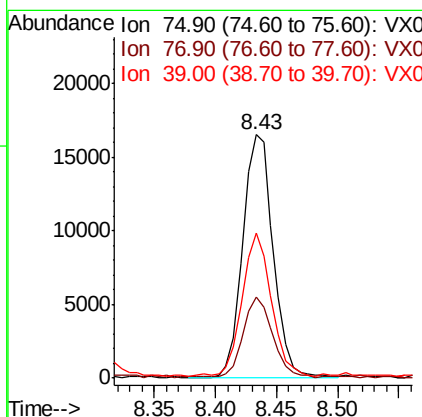
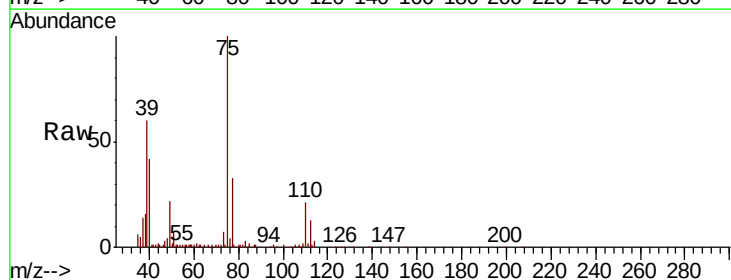
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

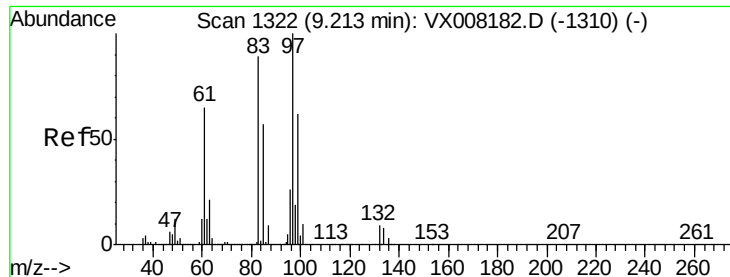
Tgt Ion: 75 Resp: 24022
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 3.794 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion: 75 Resp: 28684
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.6
 39 58.6 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 4.289 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 18979

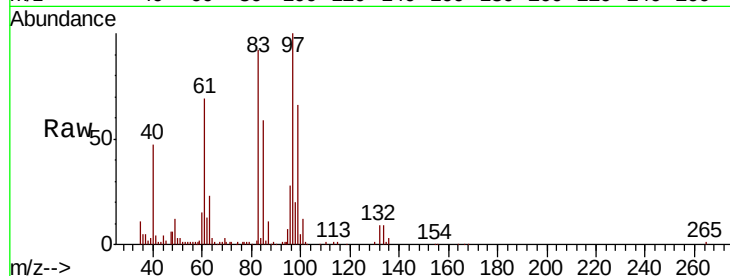
Ion Ratio Lower Upper

97 100

83 90.9 69.1 103.7

85 58.0 44.3 66.5

99 65.7 49.8 74.8



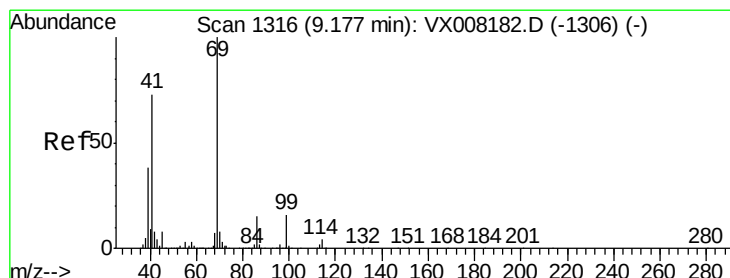
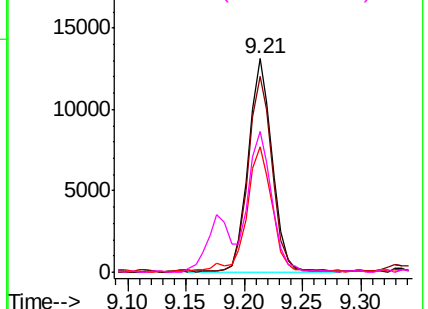
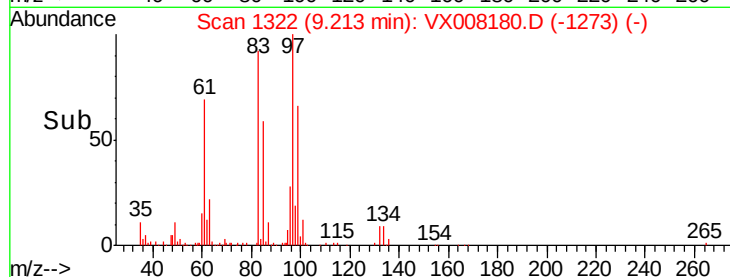
Abundance

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: 3.830 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

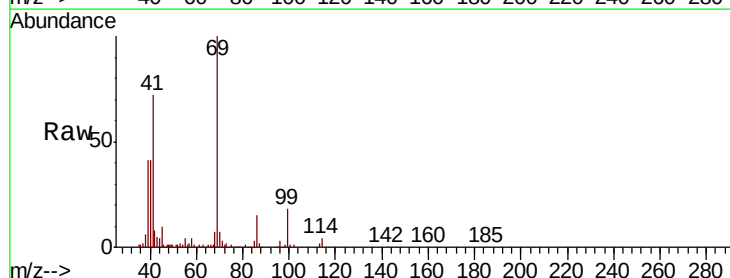
Tgt Ion: 69 Resp: 28397

Ion Ratio Lower Upper

69 100

41 73.0 54.2 81.4

39 42.7 25.0 37.4#

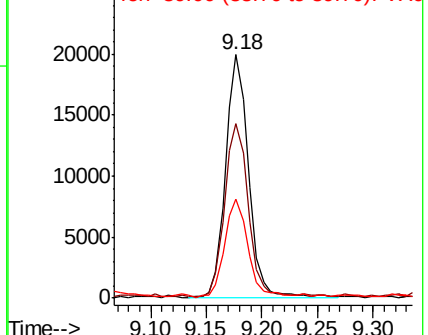
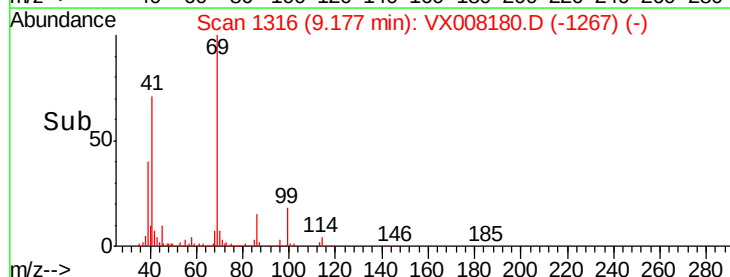


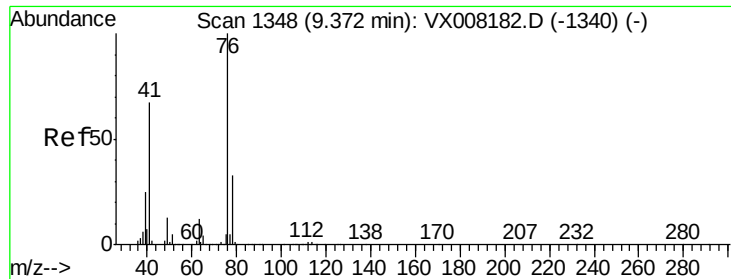
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 4.345 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

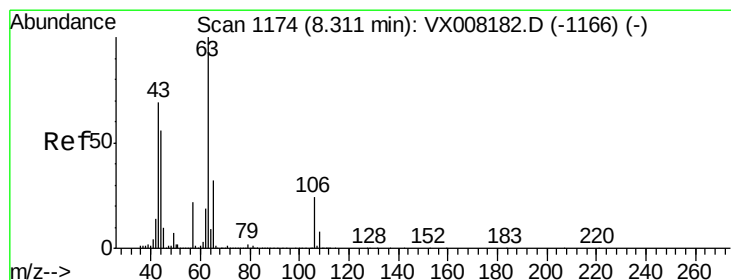
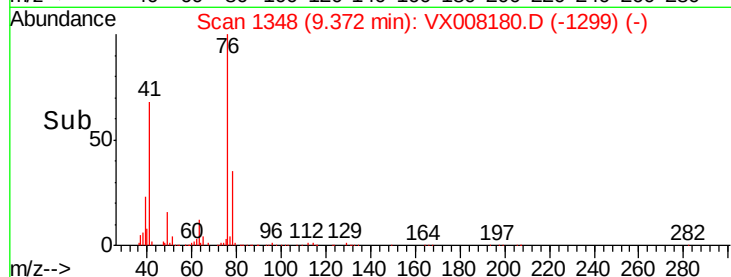
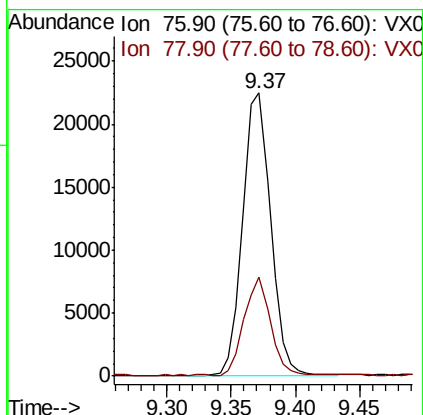
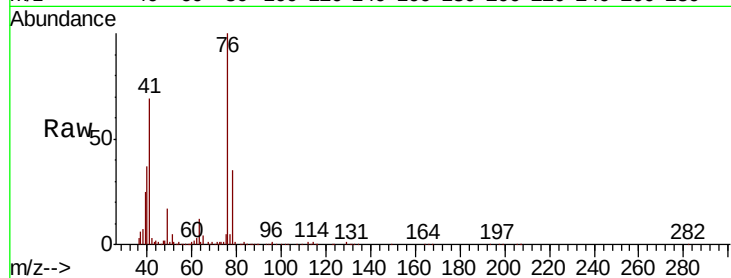
VSTDIC005

Tgt Ion: 76 Resp: 33950

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 25.372 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008180.D

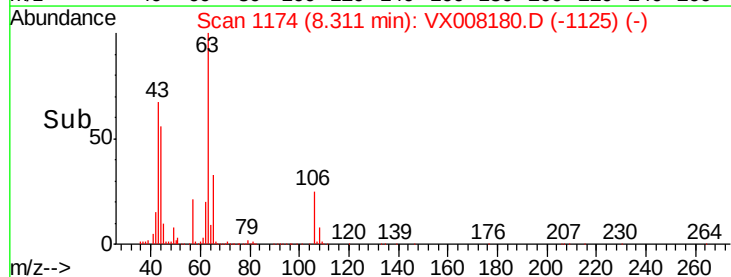
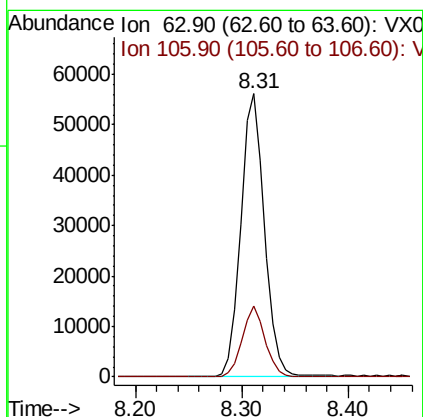
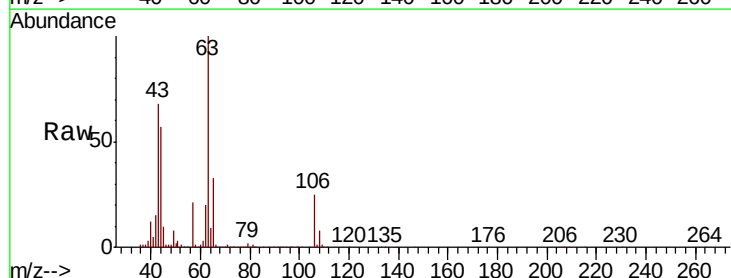
Acq: 19 Mar 2019 10:19

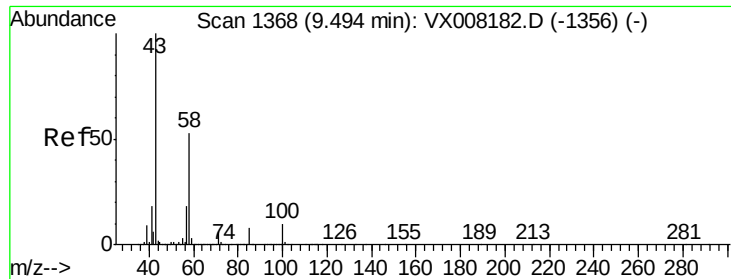
Tgt Ion: 63 Resp: 87537

Ion Ratio Lower Upper

63 100

106 24.4 22.2 33.2

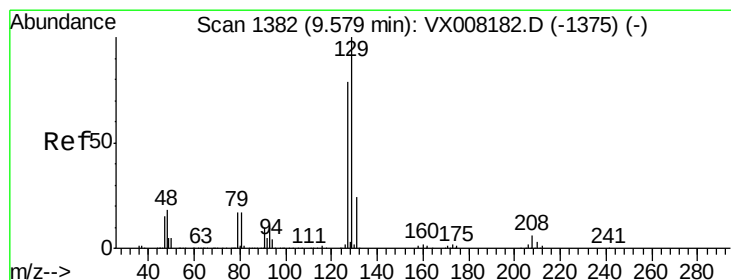
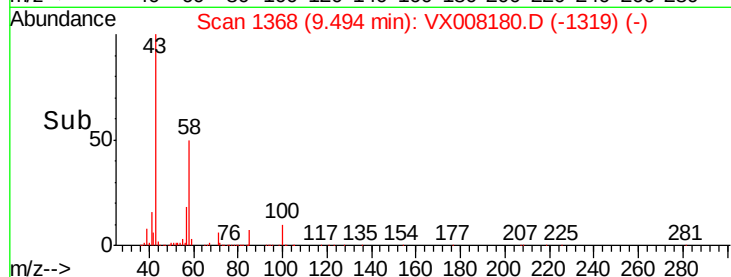
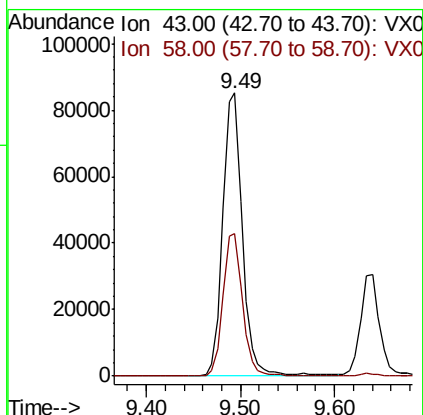
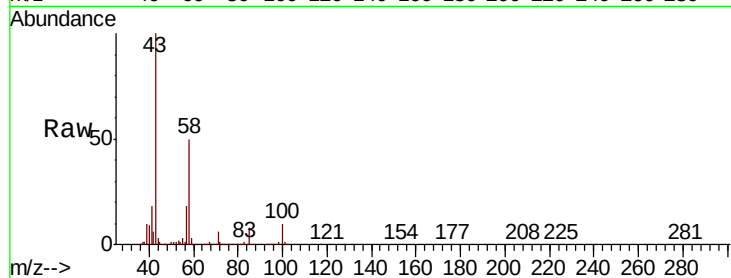




#59
2-Hexanone
Concen: 20.916 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

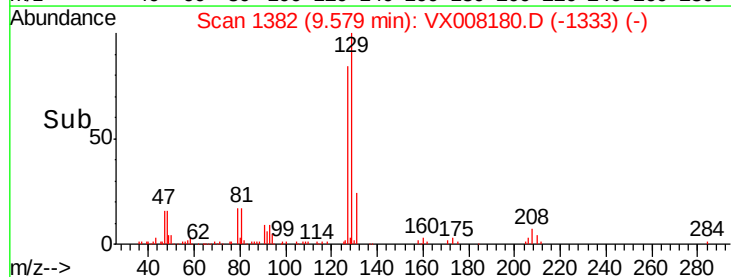
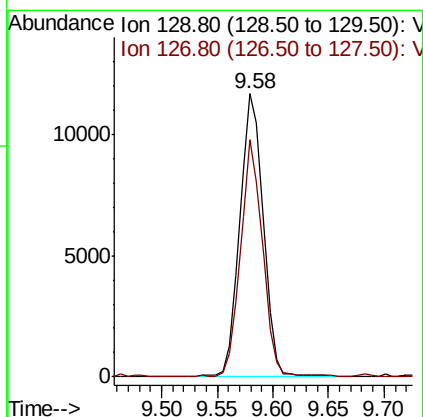
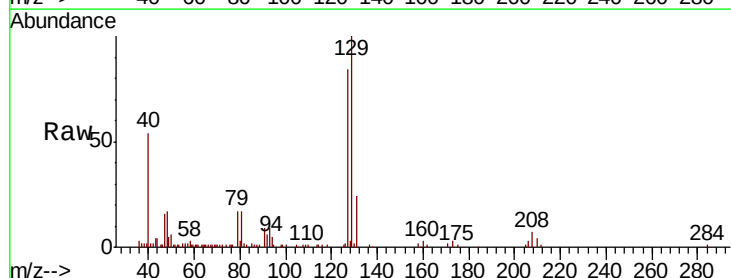
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

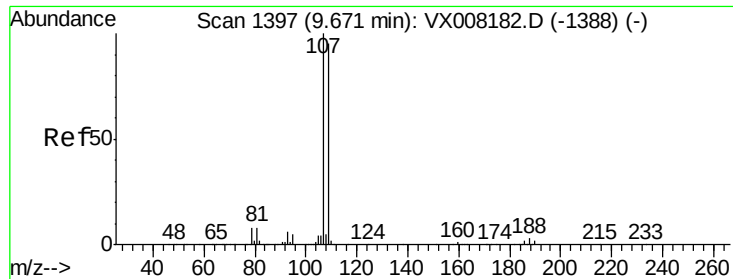
Tgt Ion: 43 Resp: 123494
Ion Ratio Lower Upper
43 100
58 49.8 27.6 82.7



#60
Dibromochloromethane
Concen: 3.893 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion: 129 Resp: 17086
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 4.164 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

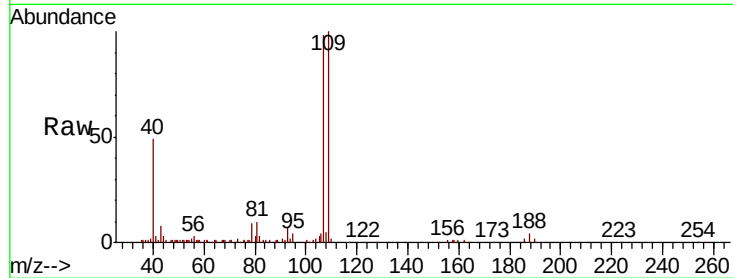
VSTDIC005

Tgt Ion: 107 Resp: 19147

Ion Ratio Lower Upper

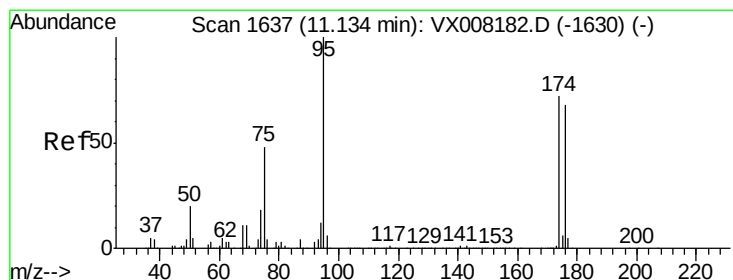
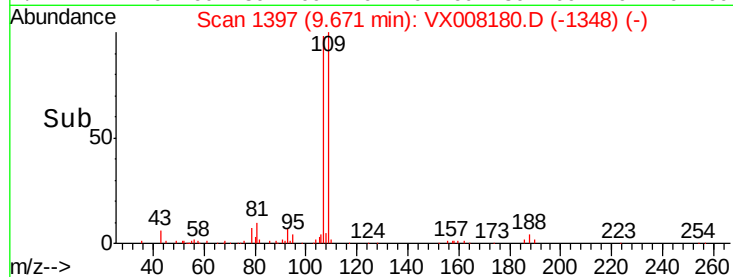
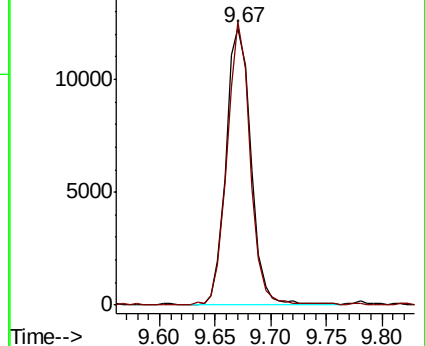
107 100

109 94.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.672 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

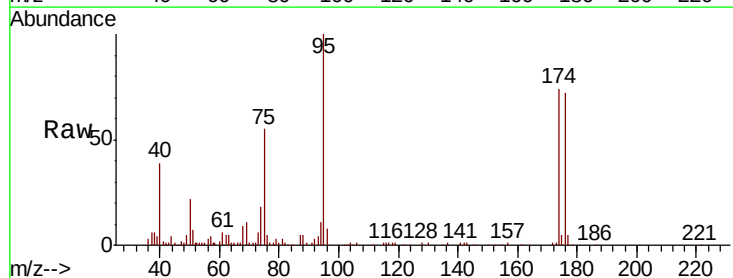
Tgt Ion: 95 Resp: 21110

Ion Ratio Lower Upper

95 100

174 77.1 0.0 182.8

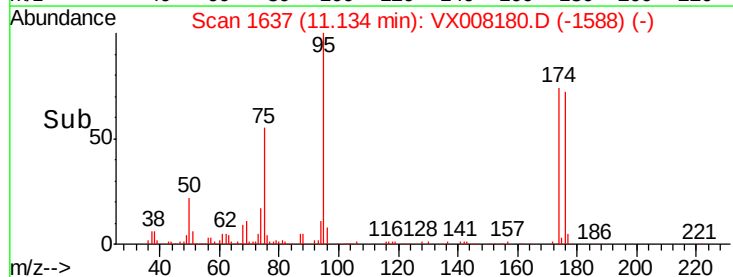
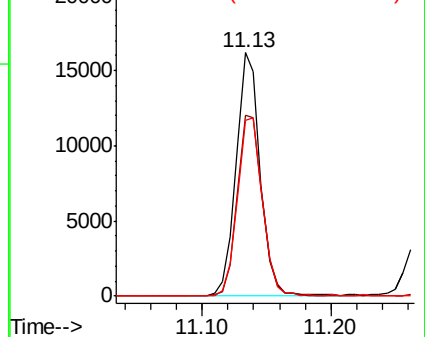
176 76.0 0.0 178.0

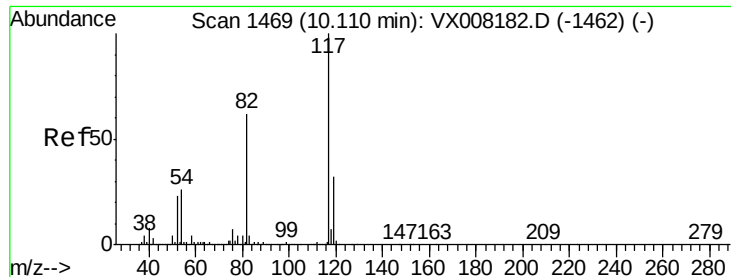


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

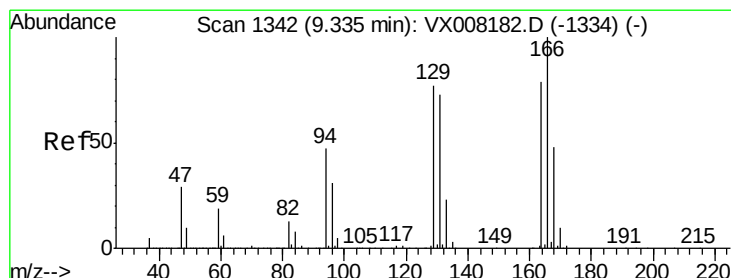
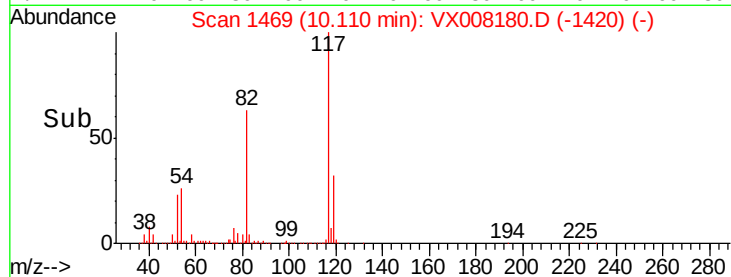
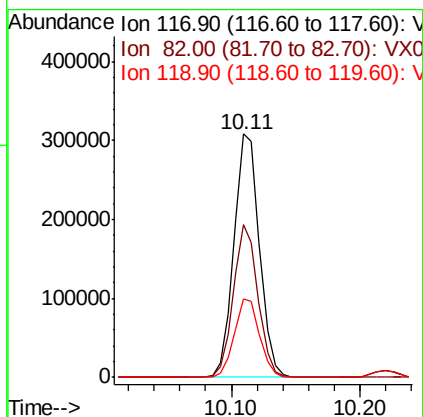
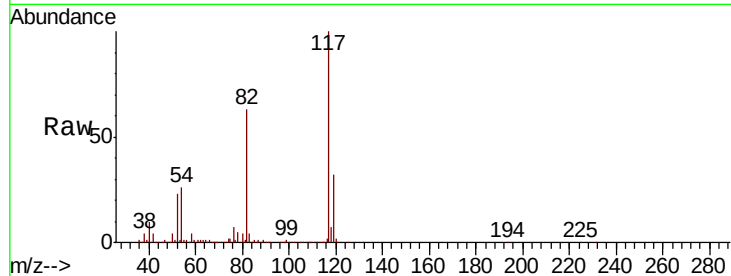




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

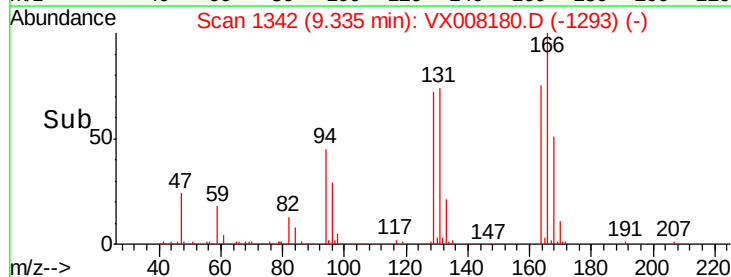
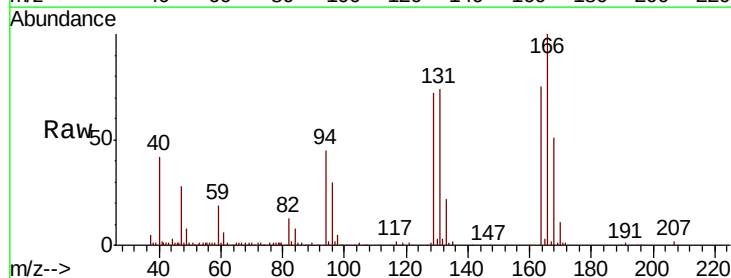
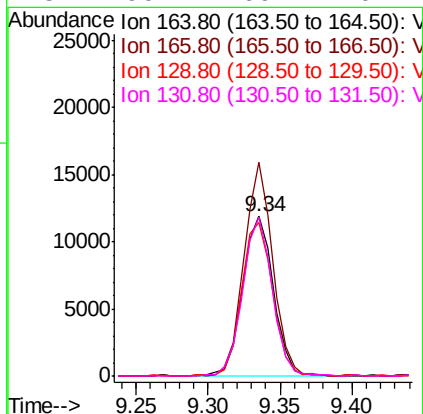
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

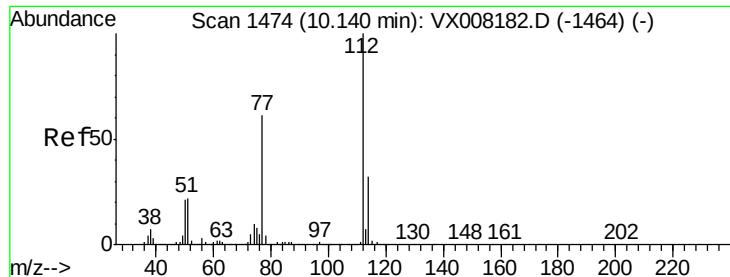
Tgt Ion:117 Resp: 424402
Ion Ratio Lower Upper
117 100
82 62.6 44.3 66.5
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 4.295 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion:164 Resp: 17525
Ion Ratio Lower Upper
164 100
166 133.8 103.4 155.0
129 96.6 72.2 108.4
131 99.4 69.4 104.2





#65

Chlorobenzene

Concen: 4.339 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

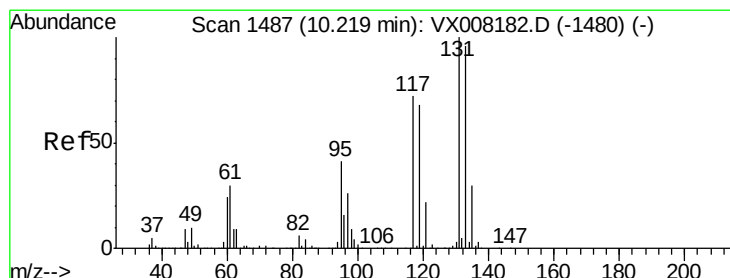
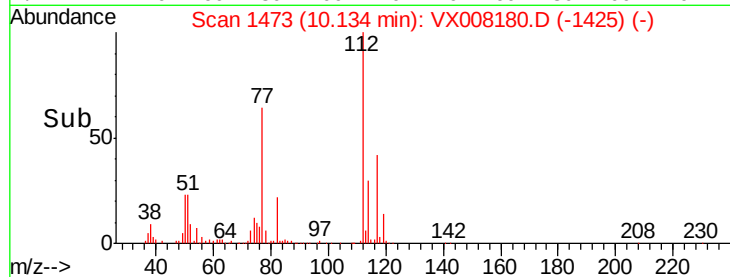
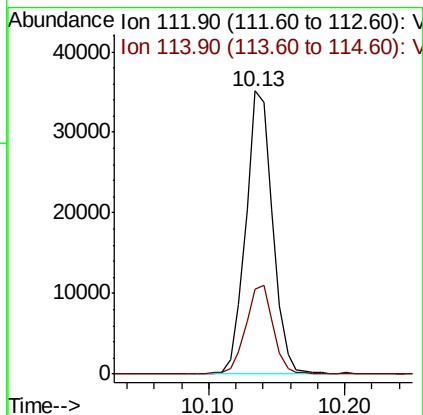
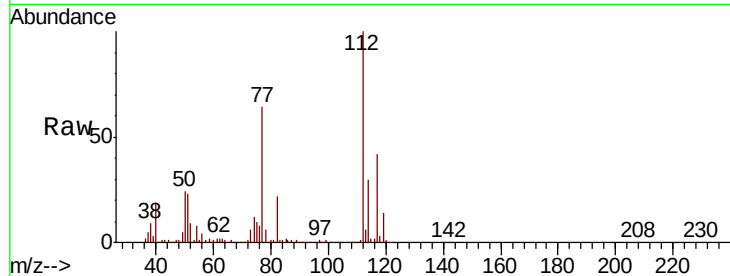
VSTDIC005

Tgt Ion:112 Resp: 48600

Ion Ratio Lower Upper

112 100

114 29.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.161 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

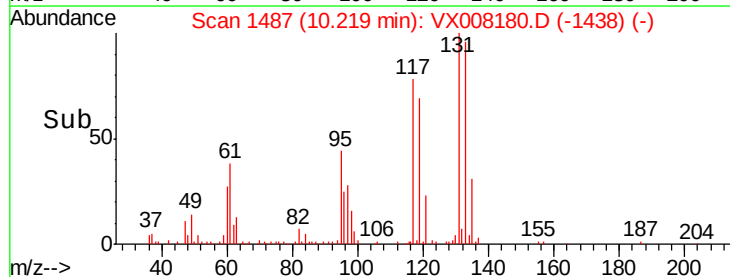
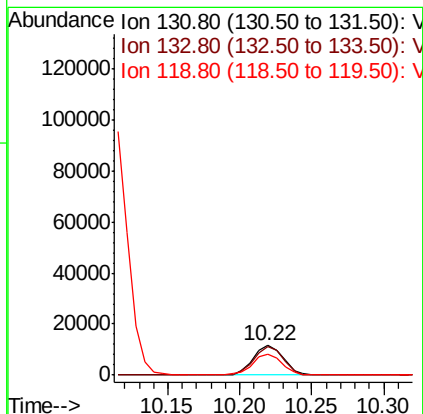
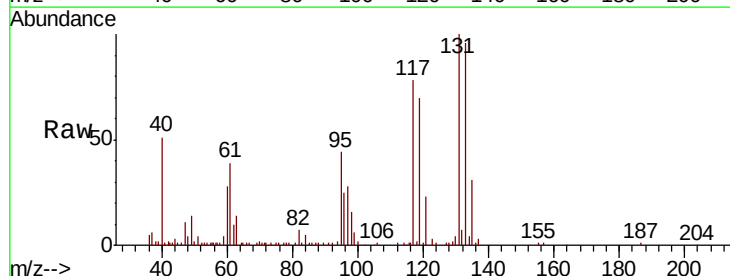
Tgt Ion:131 Resp: 16709

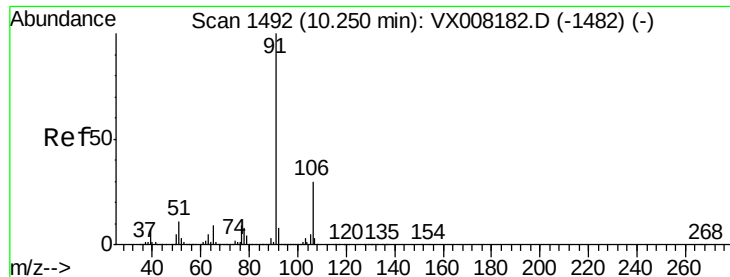
Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 71.2 32.5 97.5





#67

Ethyl Benzene

Concen: 4.073 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

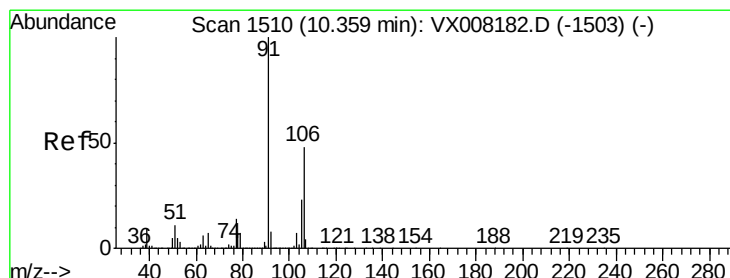
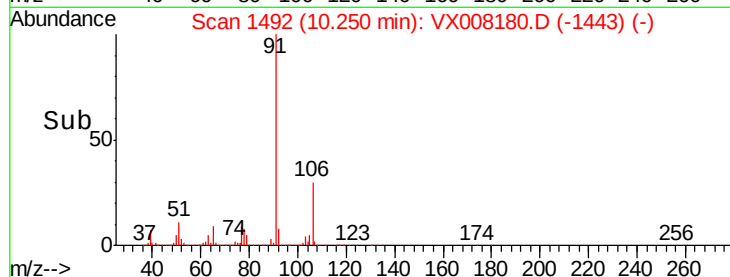
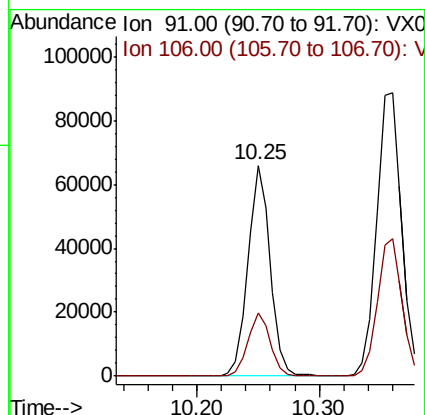
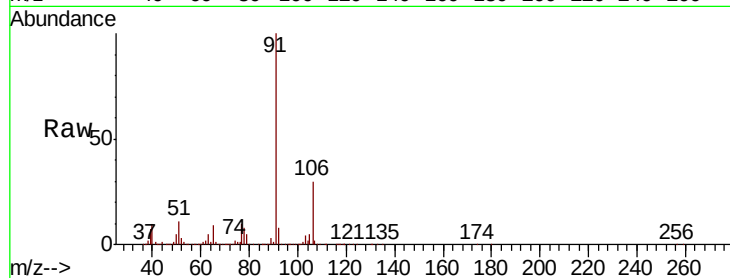
VSTDIC005

Tgt Ion: 91 Resp: 83061

Ion Ratio Lower Upper

91 100

106 29.8 25.2 37.8



#68

m/p-Xylenes

Concen: 8.023 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008180.D

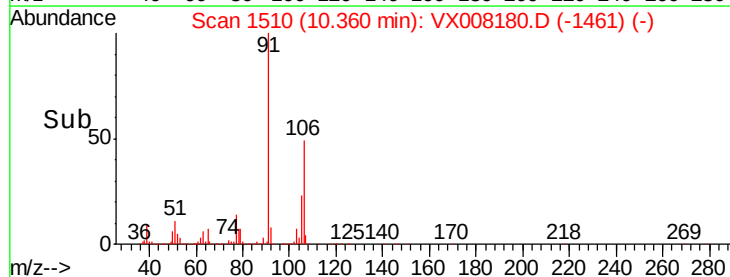
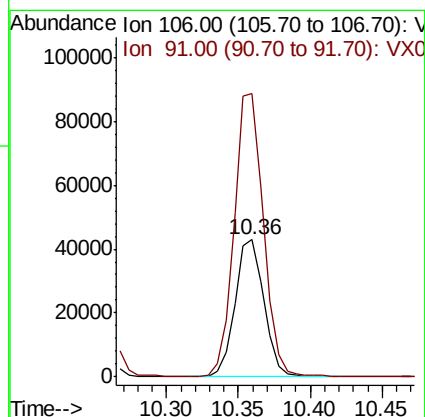
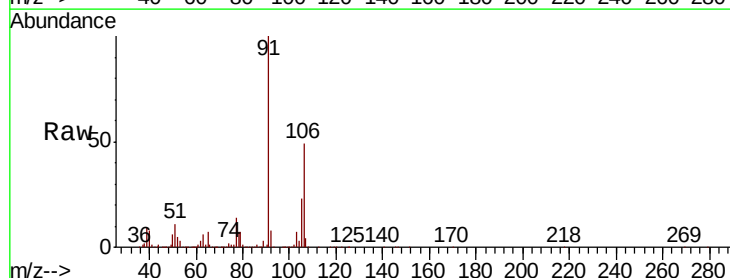
Acq: 19 Mar 2019 10:19

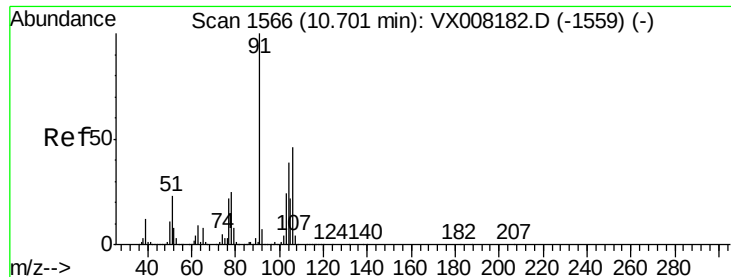
Tgt Ion: 106 Resp: 60022

Ion Ratio Lower Upper

106 100

91 210.0 159.8 239.6

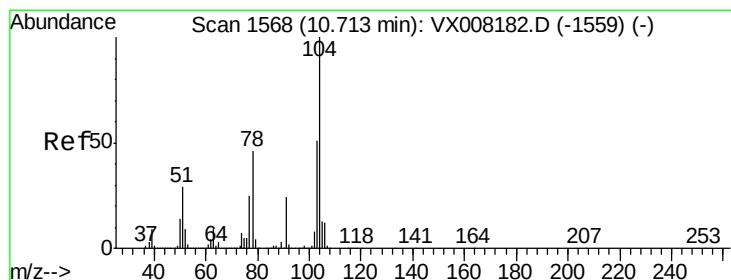
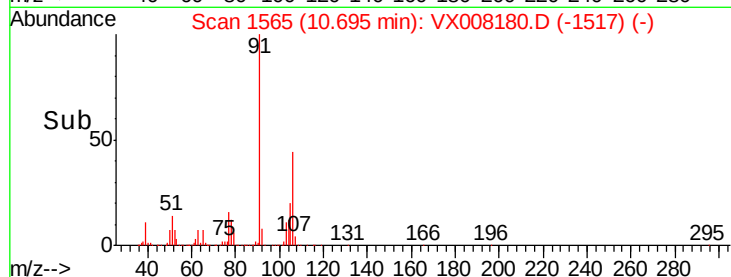
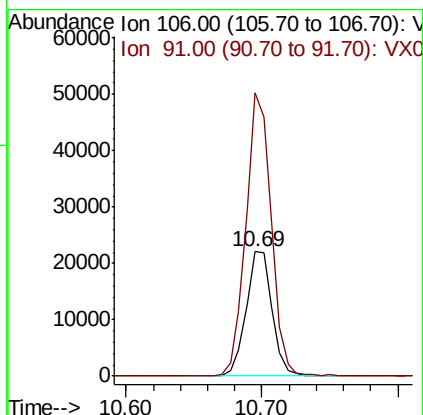
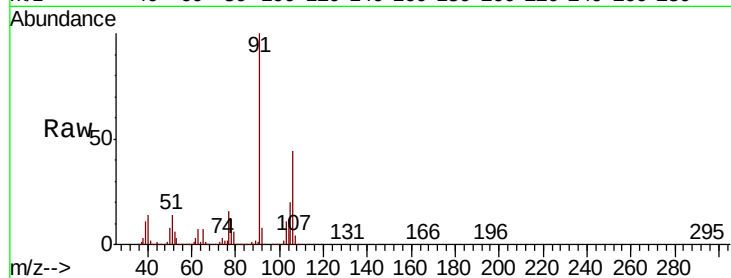




#69
o-Xylene
Concen: 4.067 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

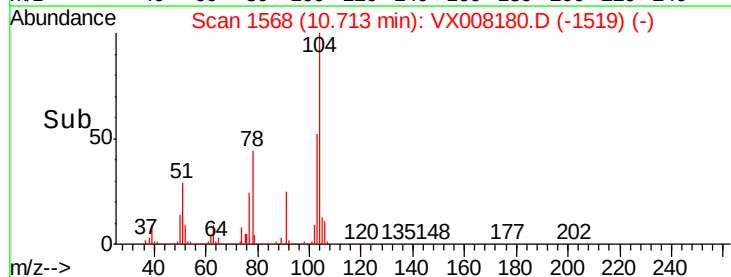
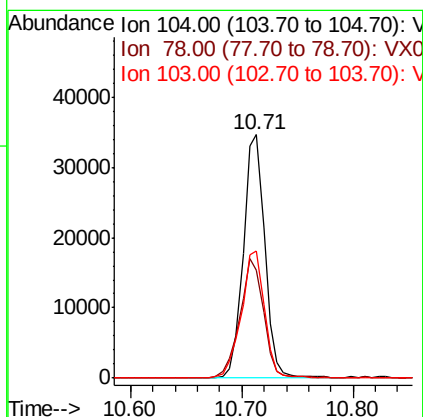
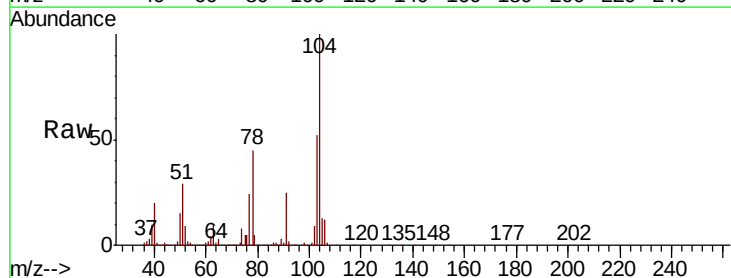
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

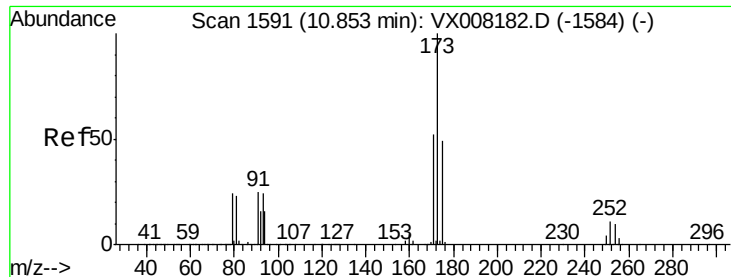
Tgt Ion:106 Resp: 29650
Ion Ratio Lower Upper
106 100
91 221.6 106.3 318.9



#70
Styrene
Concen: 3.909 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion:104 Resp: 46632
Ion Ratio Lower Upper
104 100
78 54.5 38.5 57.7
103 56.3 44.1 66.1





#71

Bromoform

Concen: 3.625 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

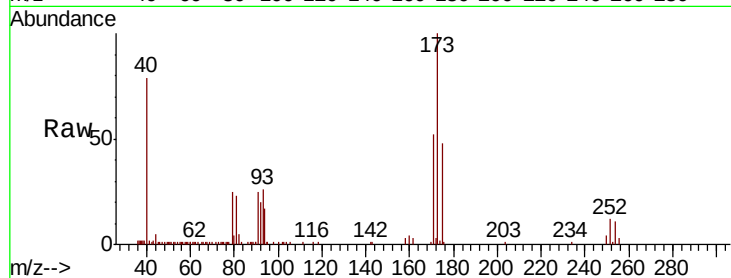
Tgt Ion:173 Resp: 11349

Ion Ratio Lower Upper

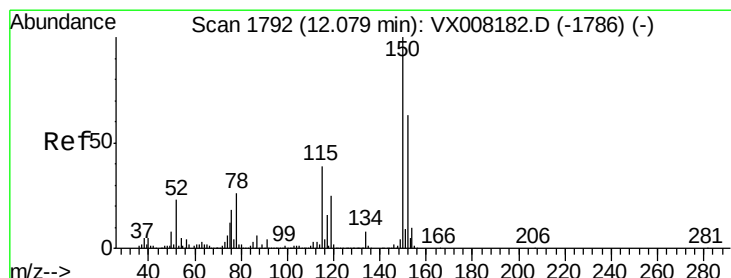
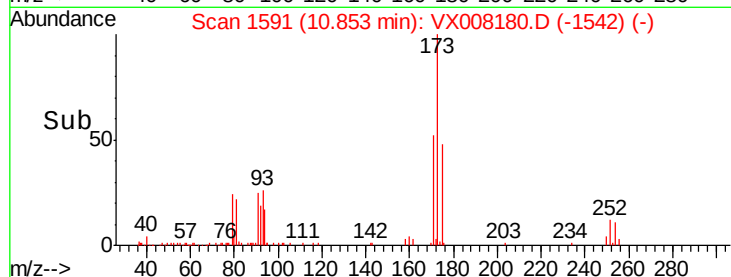
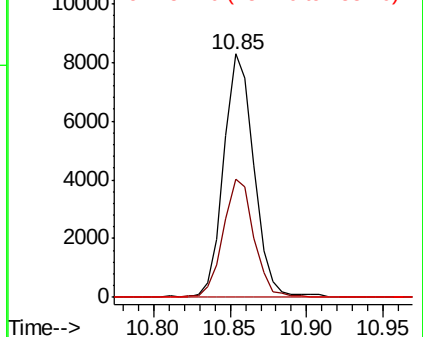
173 100

175 49.2 24.3 72.9

254 0.0 0.1 0.1#



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: VX008180.D

Acq: 19 Mar 2019 10:19

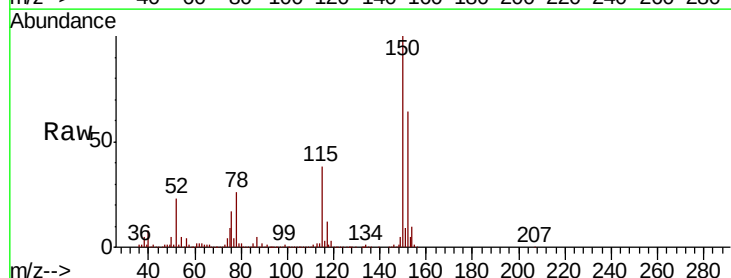
Tgt Ion:152 Resp: 185245

Ion Ratio Lower Upper

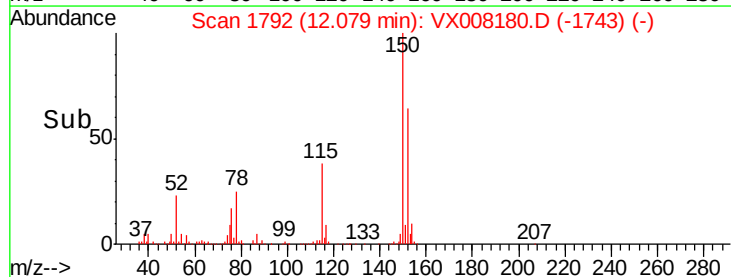
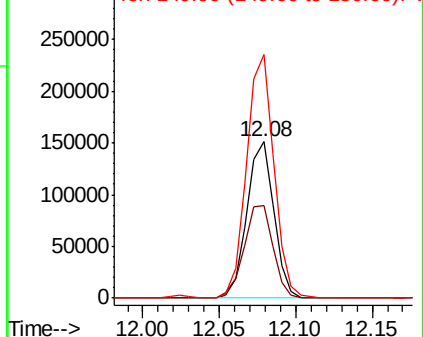
152 100

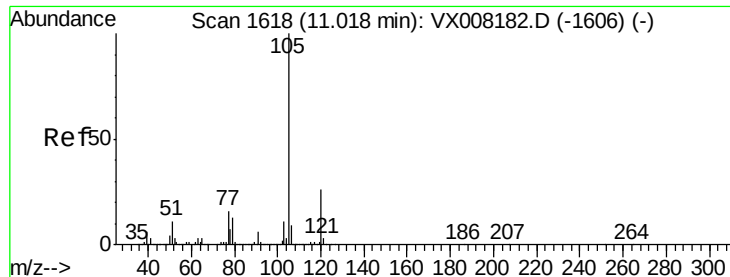
115 64.0 38.6 115.7

150 157.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.295 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

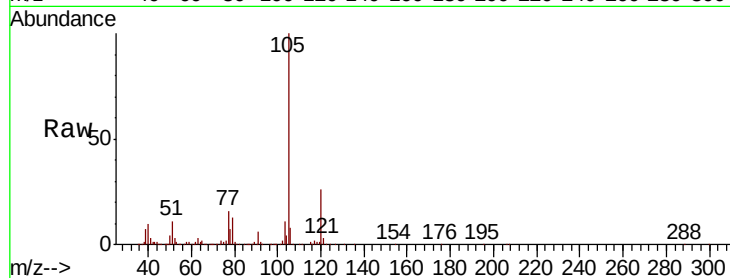
VSTDIC005

Tgt Ion:105 Resp: 78204

Ion Ratio Lower Upper

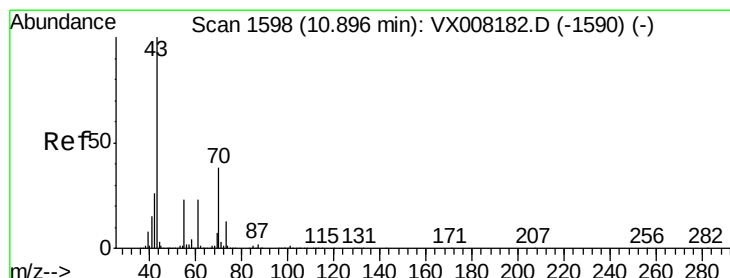
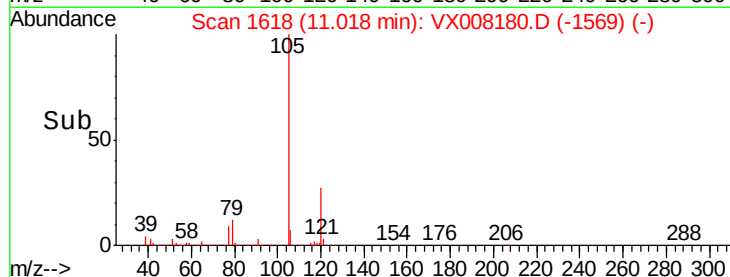
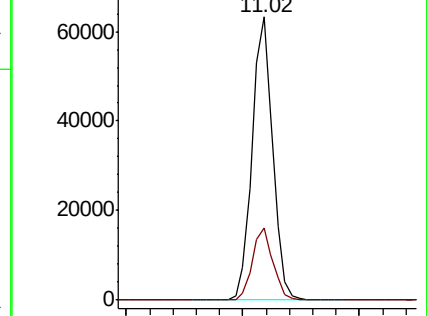
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.060 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Tgt Ion: 43 Resp: 39313

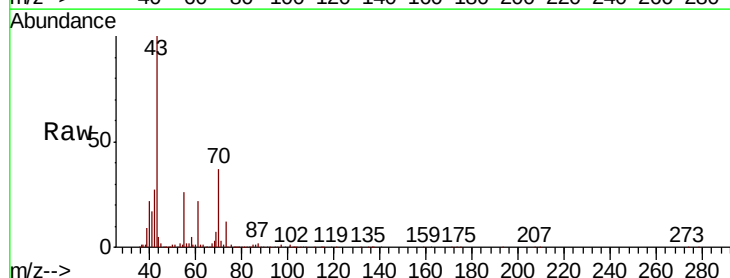
Ion Ratio Lower Upper

43 100

70 37.2 33.5 50.3

55 27.1 19.2 28.8

61 21.9 19.0 28.6

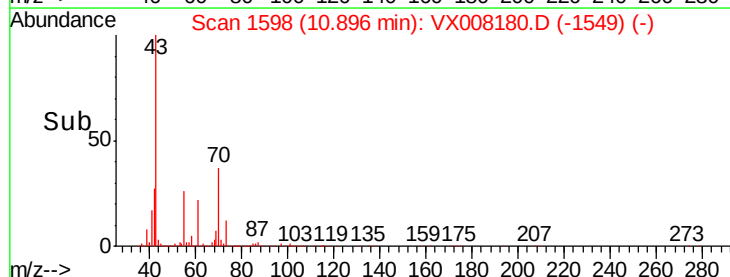
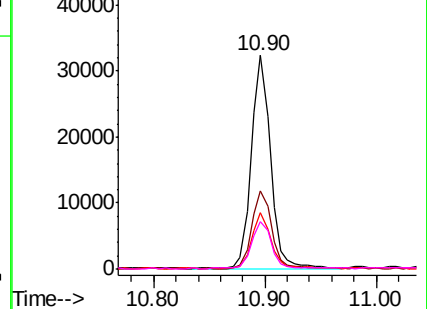


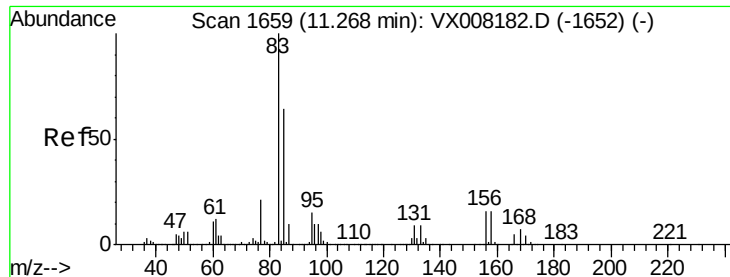
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.623 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

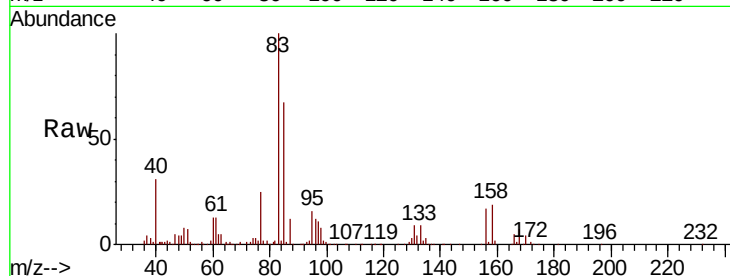
Tgt Ion: 83 Resp: 28925

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

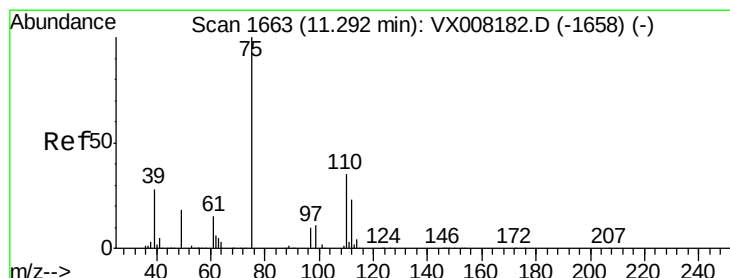
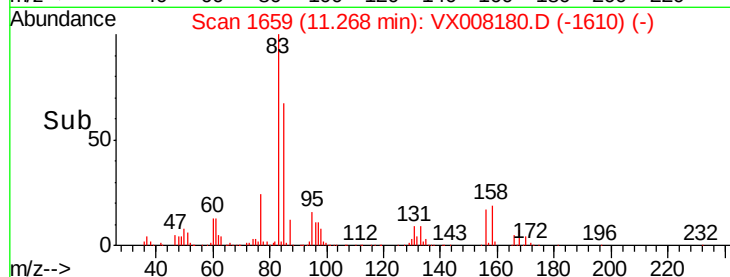
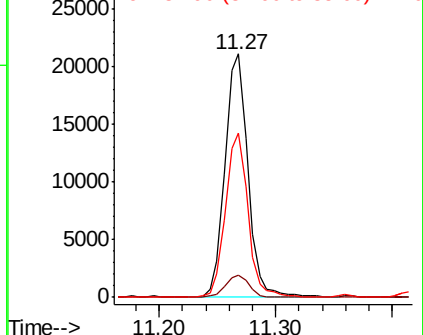
85 66.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.946 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008180.D

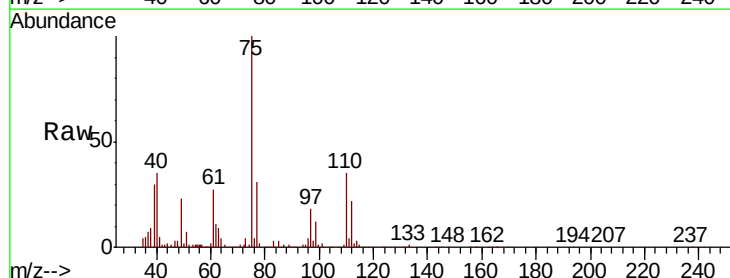
Acq: 19 Mar 2019 10:19

Tgt Ion: 75 Resp: 32706

Ion Ratio Lower Upper

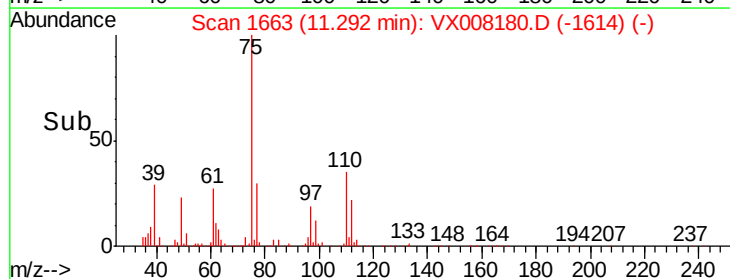
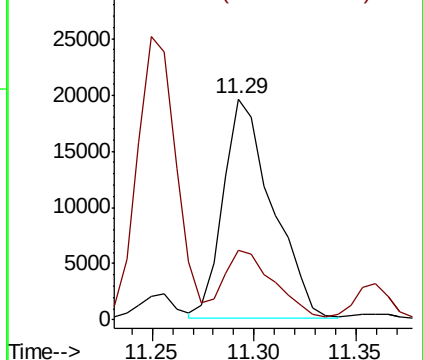
75 100

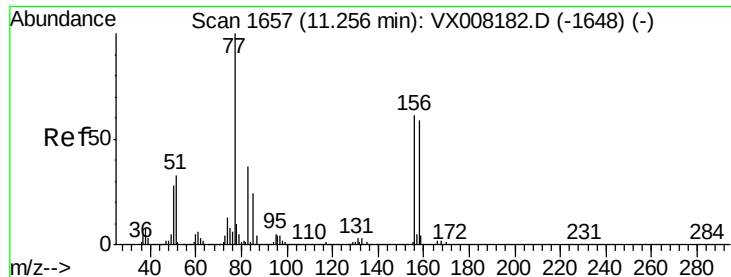
77 33.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.438 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

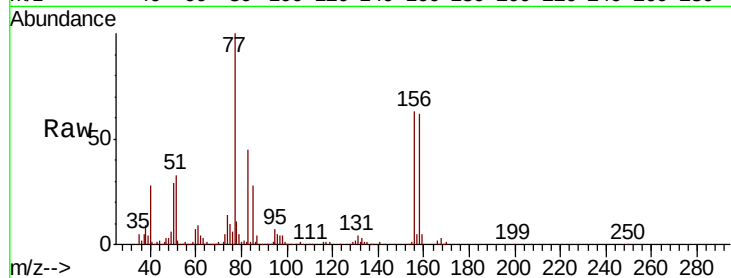
Tgt Ion:156 Resp: 18959

Ion Ratio Lower Upper

156 100

77 178.0 72.0 215.9

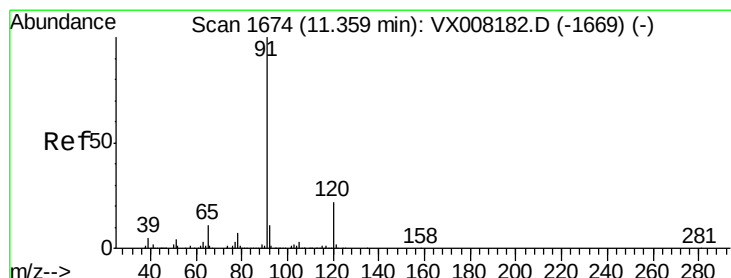
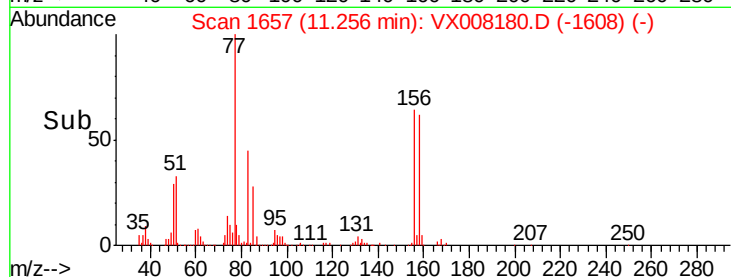
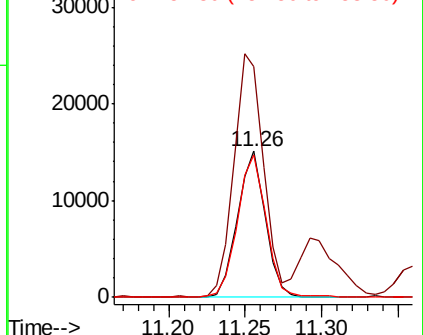
158 100.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.083 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008180.D

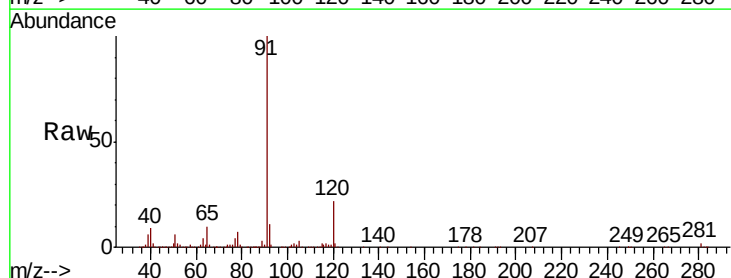
Acq: 19 Mar 2019 10:19

Tgt Ion: 91 Resp: 88145

Ion Ratio Lower Upper

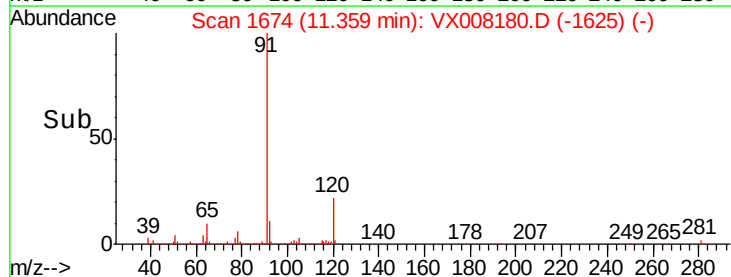
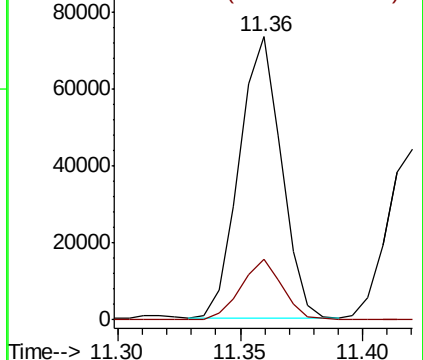
91 100

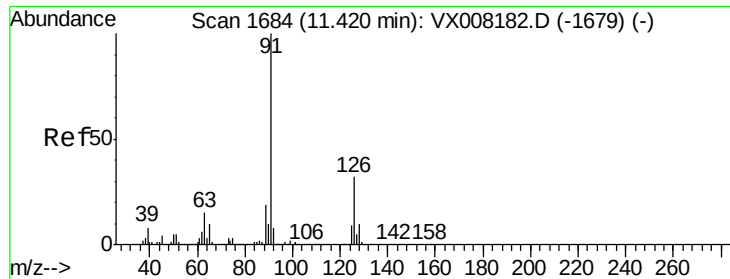
120 21.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

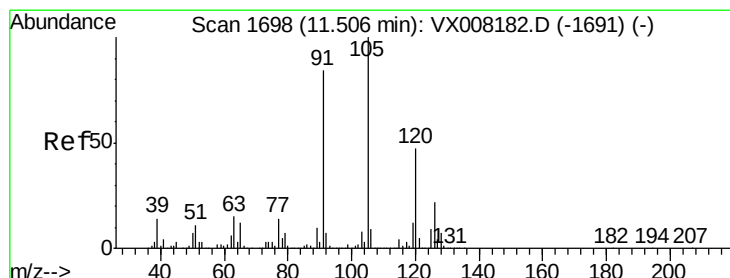
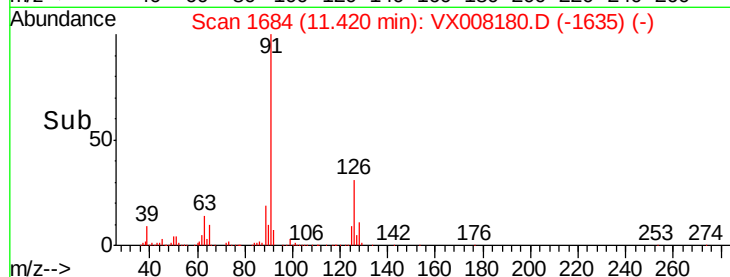
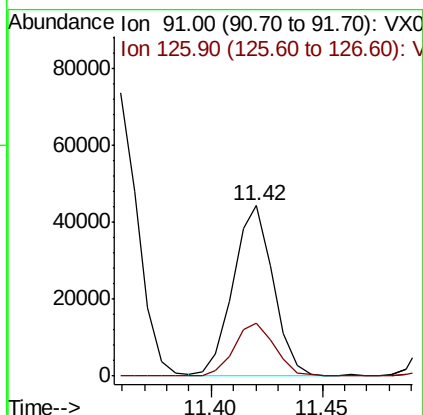
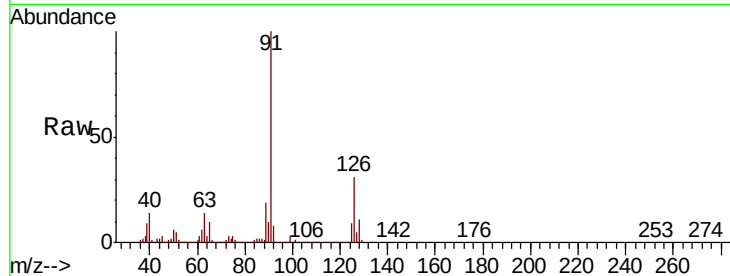




#79
 2-Chlorotoluene
 Concen: 4.407 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

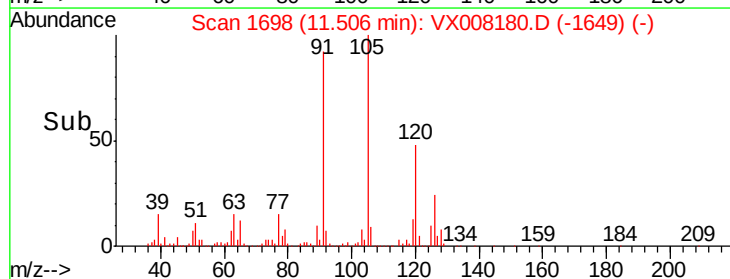
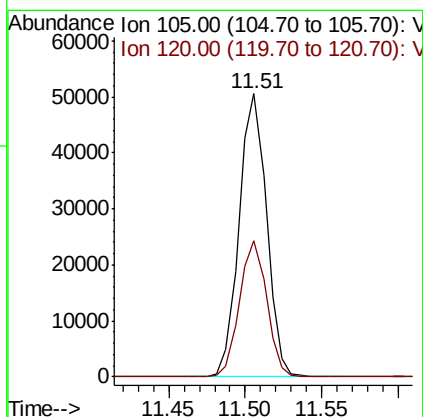
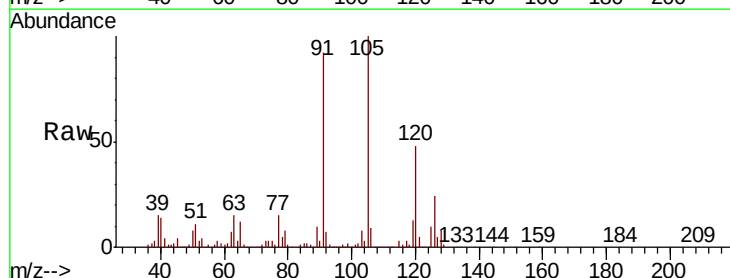
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

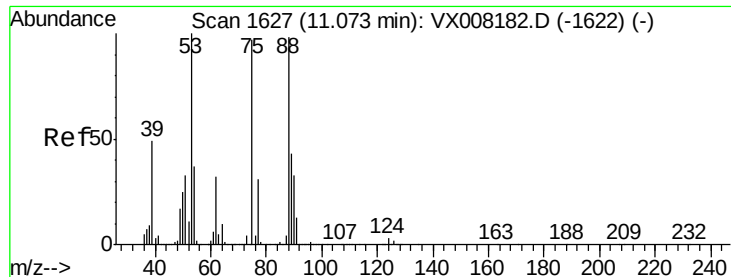
Tgt Ion: 91 Resp: 55272
 Ion Ratio Lower Upper
 91 100
 126 31.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 4.171 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion: 105 Resp: 63263
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 3.371 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

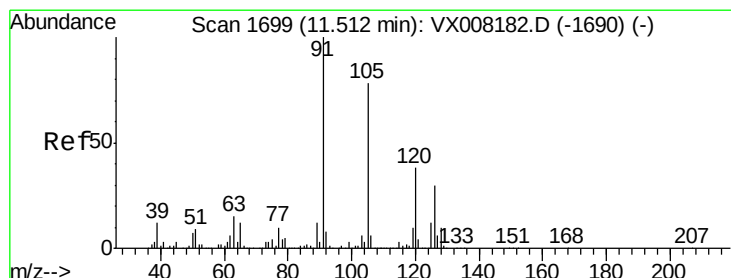
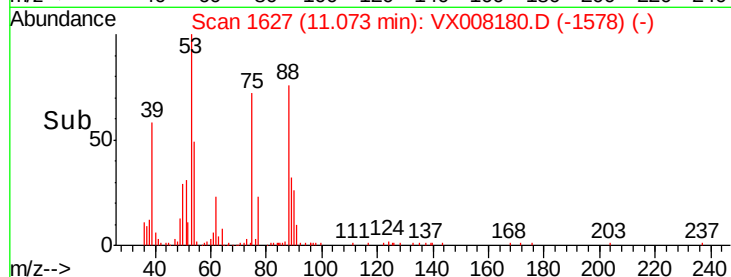
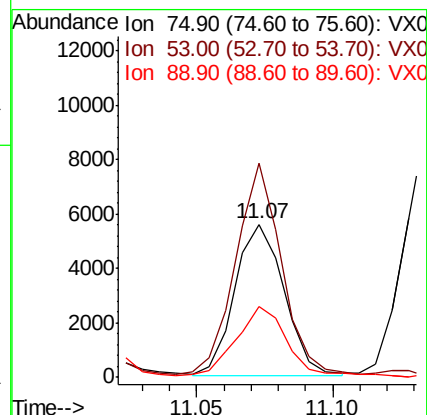
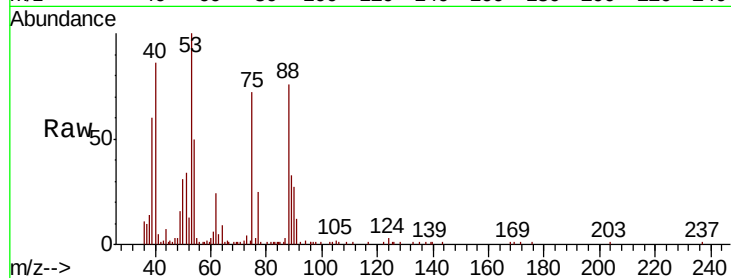
Tgt Ion: 75 Resp: 7036

Ion Ratio Lower Upper

75 100

53 127.7 76.1 114.1#

89 50.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 4.176 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008180.D

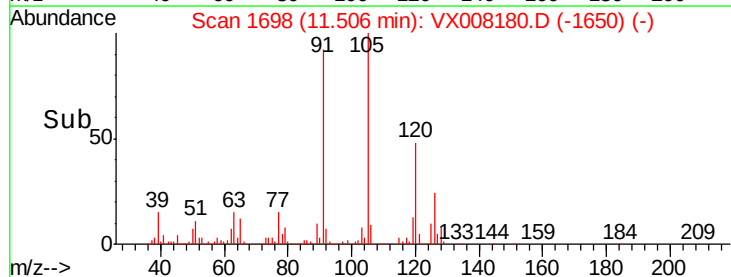
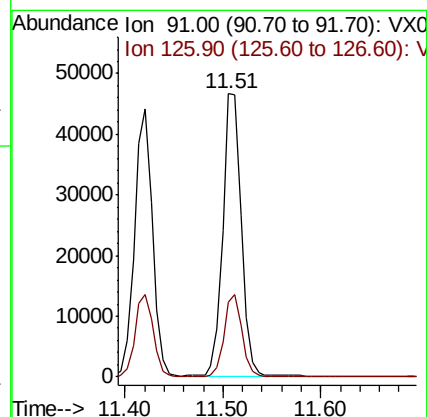
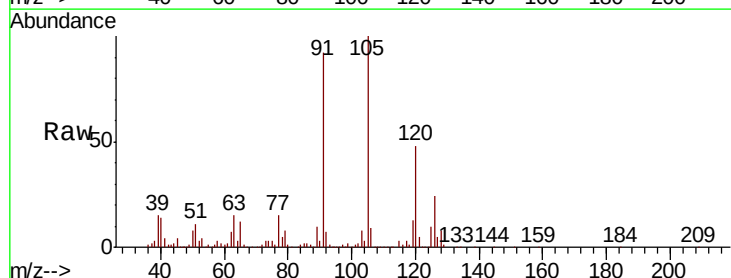
Acq: 19 Mar 2019 10:19

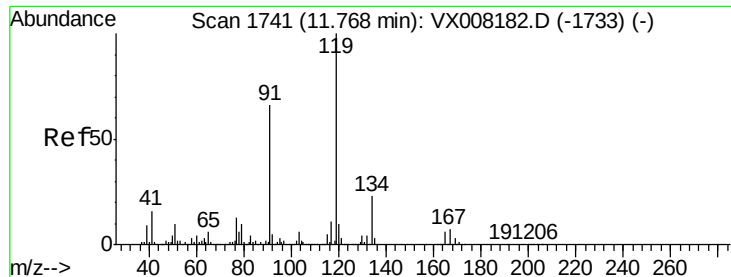
Tgt Ion: 91 Resp: 61233

Ion Ratio Lower Upper

91 100

126 28.2 15.6 46.8

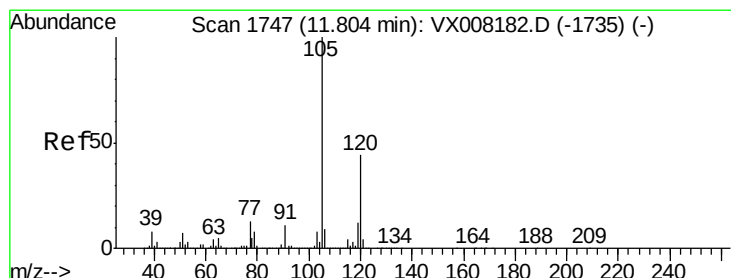
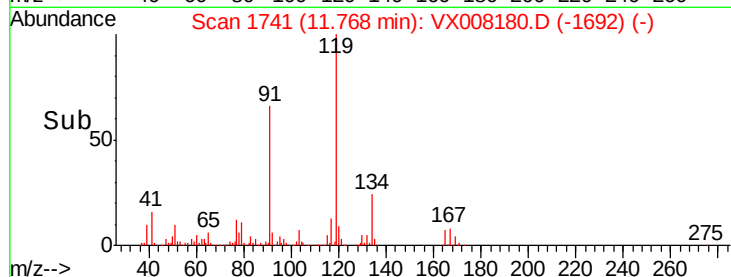
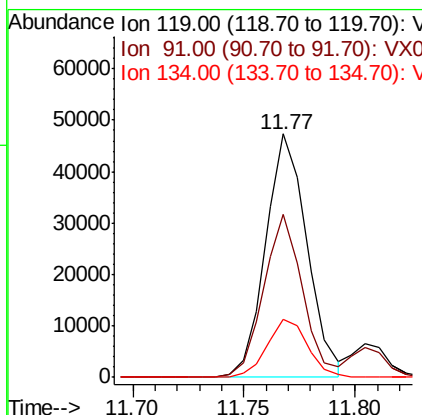
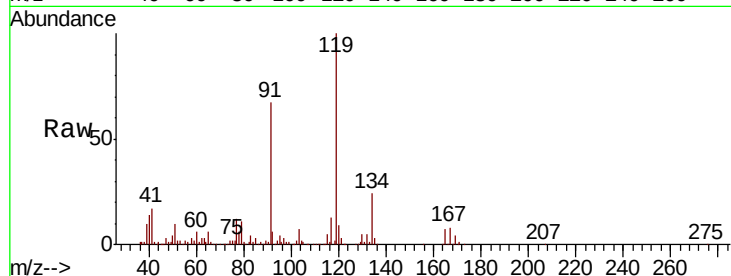




#83
 tert-Butylbenzene
 Concen: 4.291 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

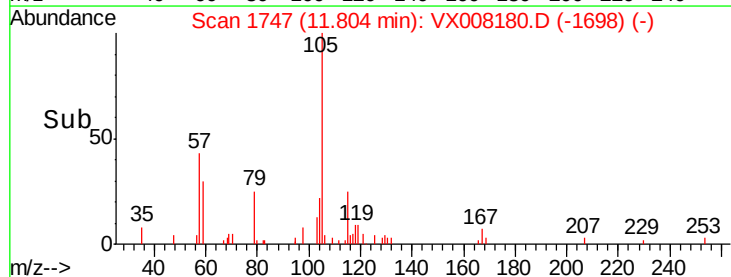
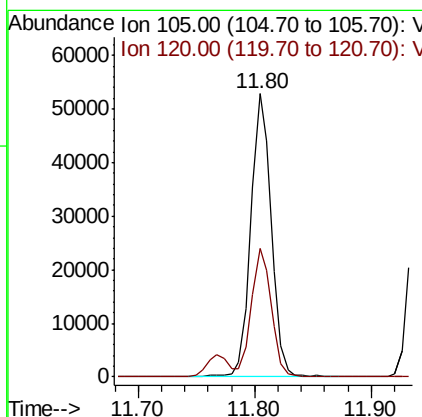
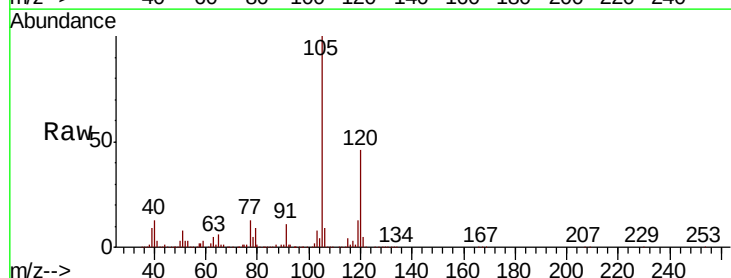
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

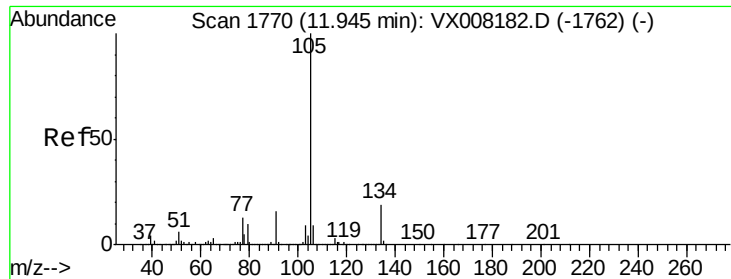
Tgt Ion:119 Resp: 61125
 Ion Ratio Lower Upper
 119 100
 91 63.0 27.1 81.3
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.180 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion:105 Resp: 64522
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 4.164 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

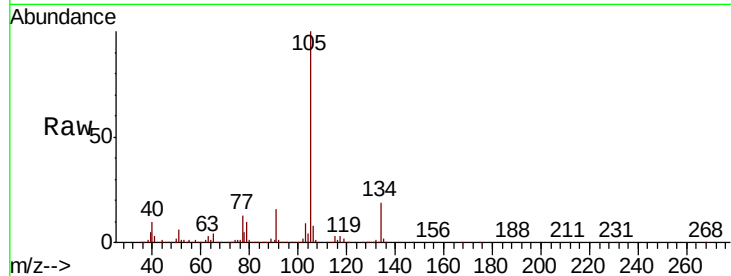
VSTDIC005

Tgt Ion:105 Resp: 74990

Ion Ratio Lower Upper

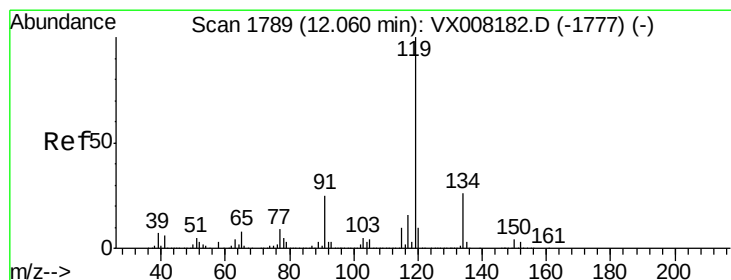
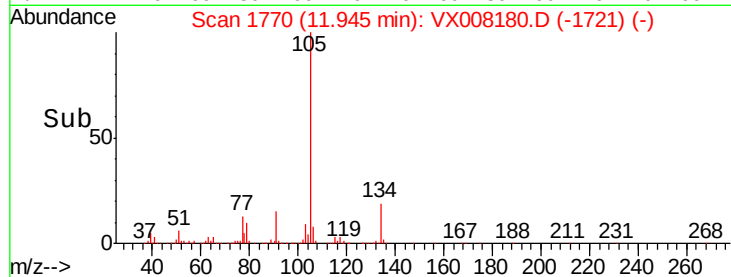
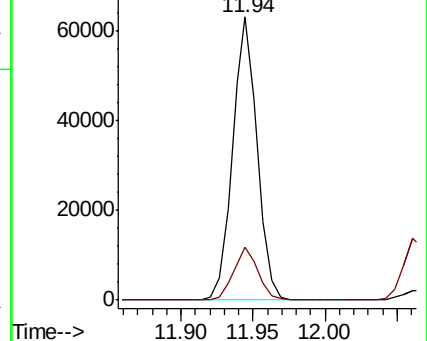
105 100

134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.081 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

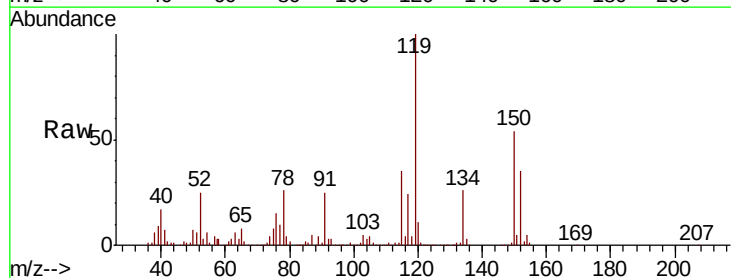
Tgt Ion:119 Resp: 63702

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

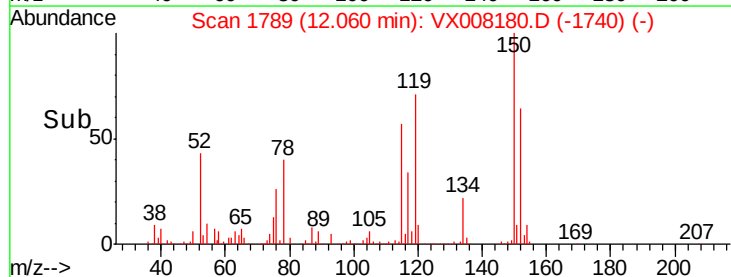
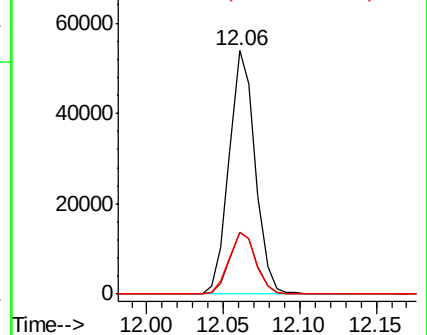
91 26.8 10.9 32.7

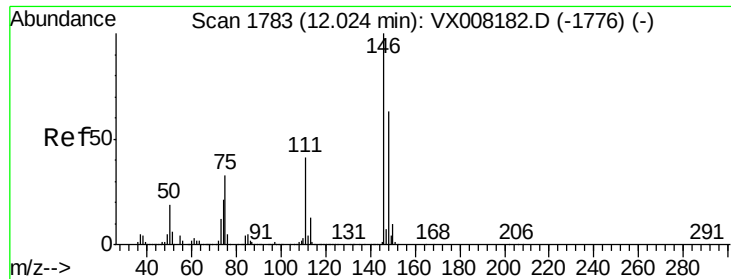


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

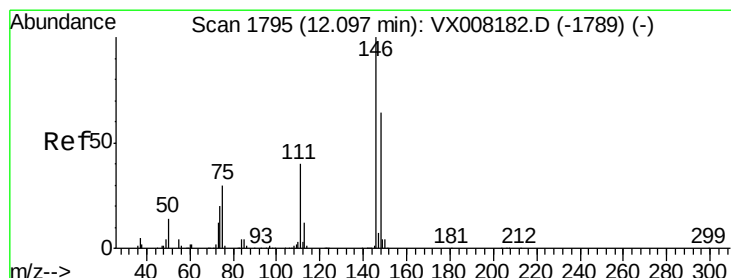
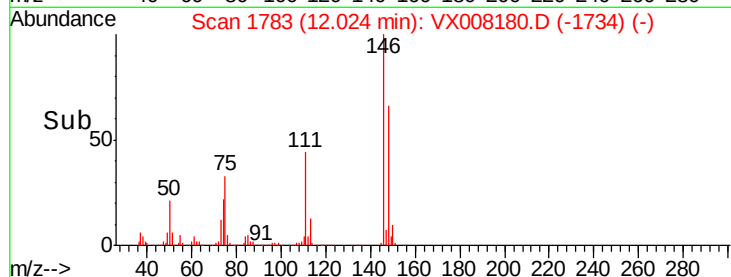
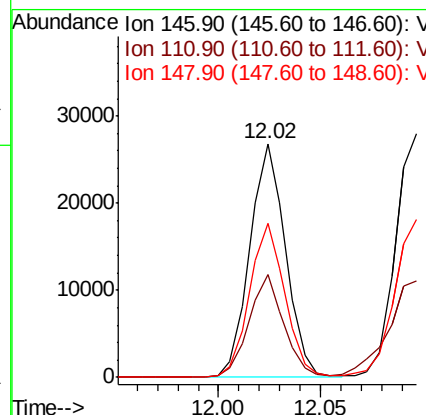
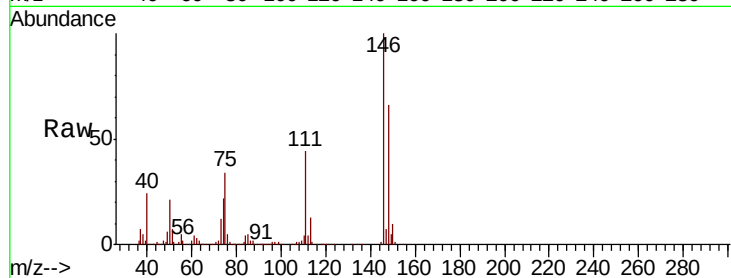




#87
 1,3-Dichlorobenzene
 Concen: 4.280 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

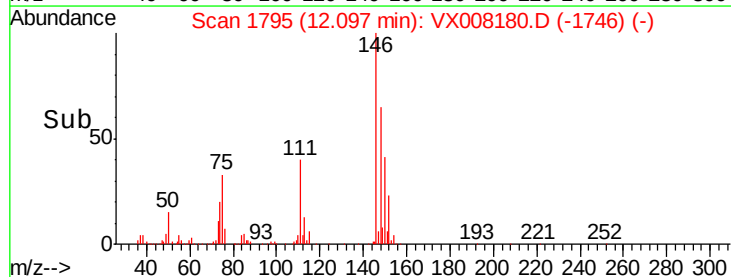
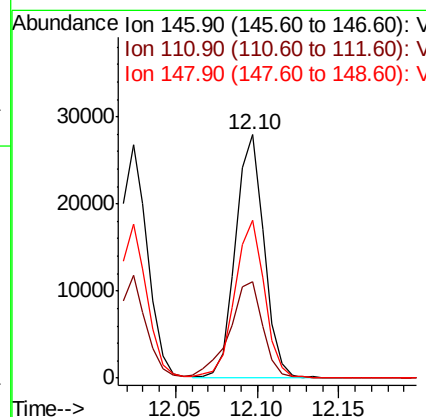
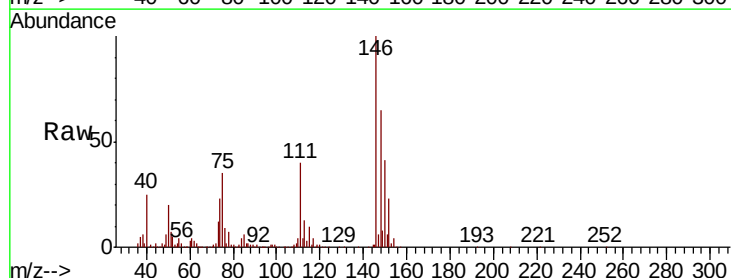
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

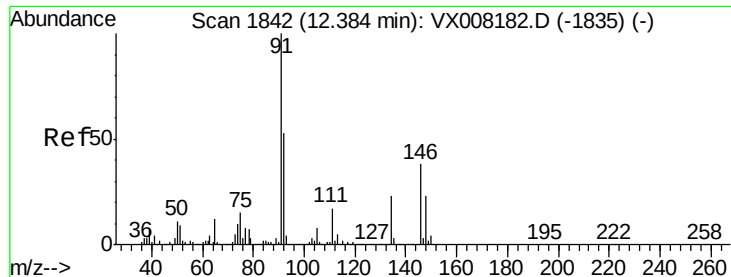
Tgt Ion:146 Resp: 32701
 Ion Ratio Lower Upper
 146 100
 111 43.1 18.9 56.7
 148 65.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 4.453 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion:146 Resp: 34057
 Ion Ratio Lower Upper
 146 100
 111 46.7 18.4 55.0
 148 67.9 32.2 96.6





#89

n-Butylbenzene

Concen: 3.801 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008180.D

Acq: 19 Mar 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

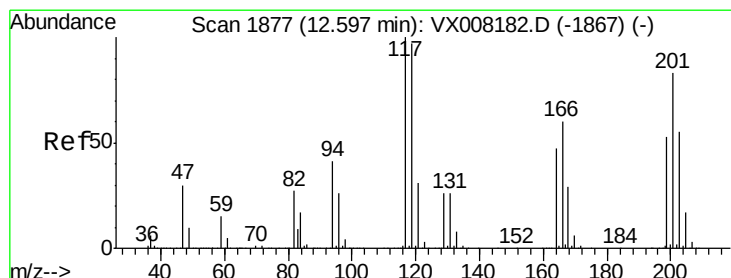
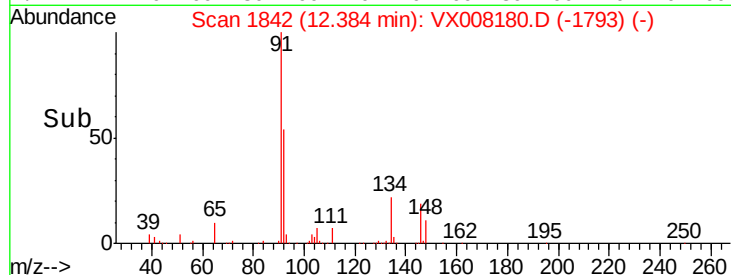
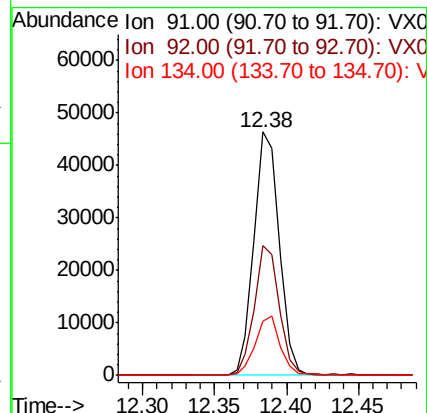
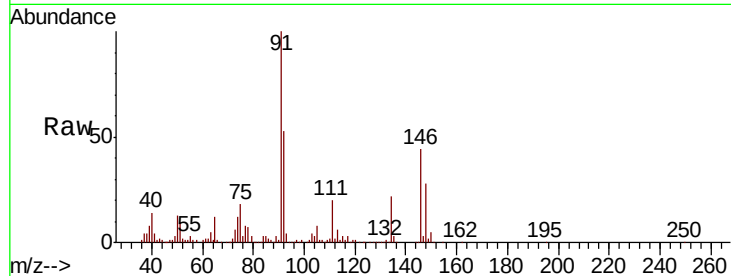
Tgt Ion: 91 Resp: 56428

Ion Ratio Lower Upper

91 100

92 52.4 27.0 80.8

134 23.8 13.7 41.0



#90

Hexachloroethane

Concen: 3.816 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008180.D

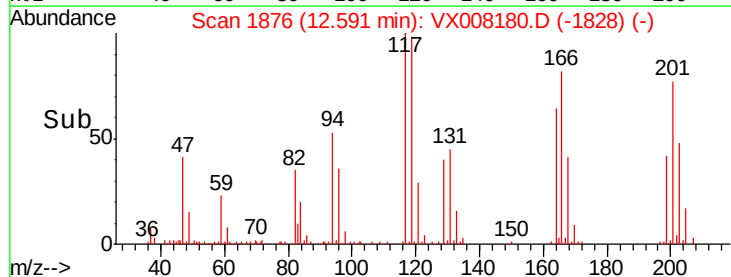
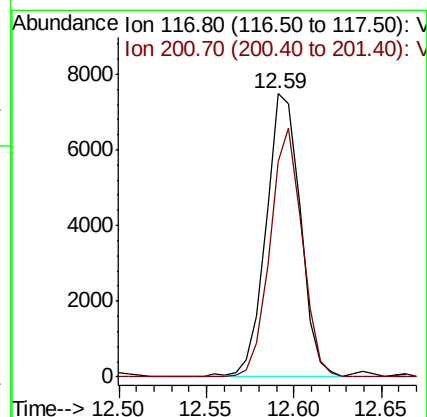
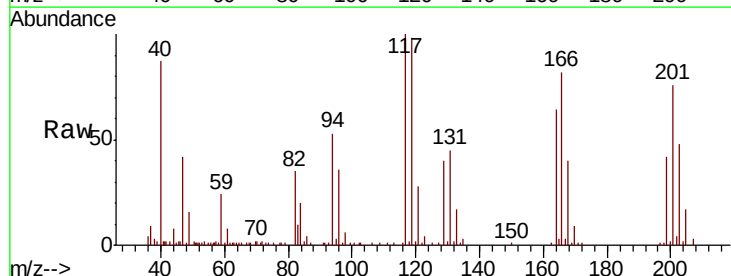
Acq: 19 Mar 2019 10:19

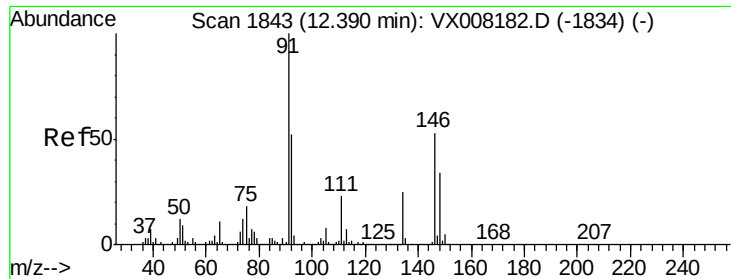
Tgt Ion: 117 Resp: 10240

Ion Ratio Lower Upper

117 100

201 82.0 48.9 146.7

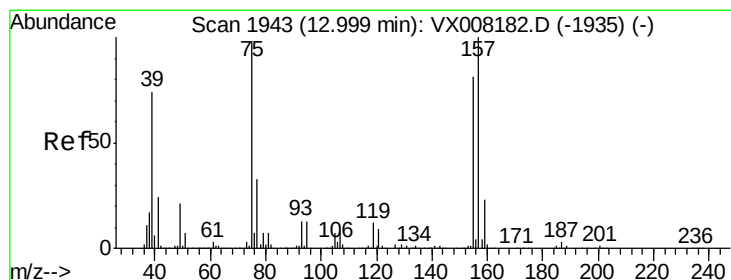
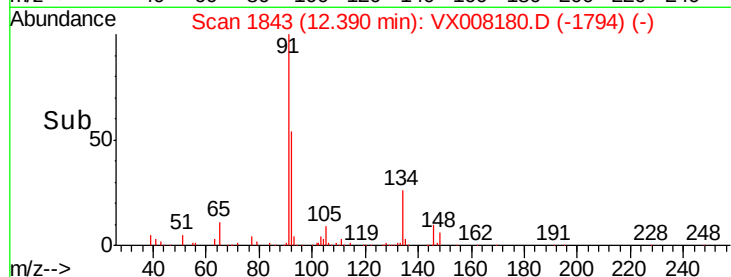
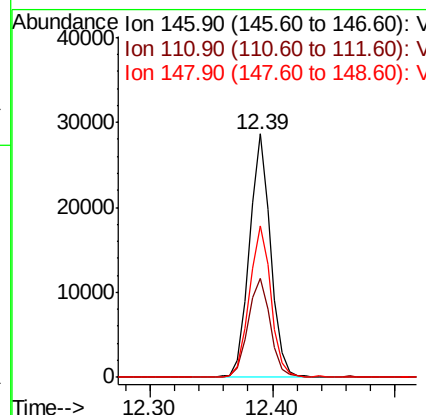
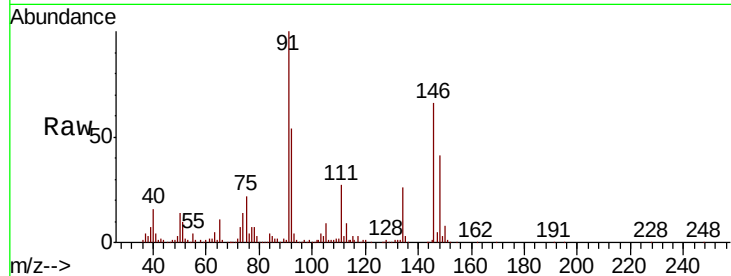




#91
 1,2-Dichlorobenzene
 Concen: 4.498 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

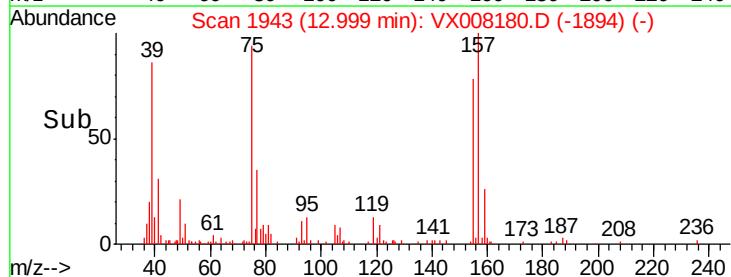
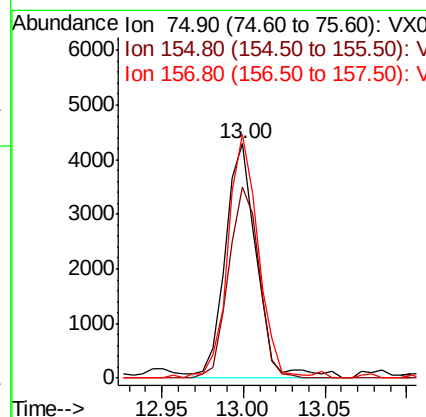
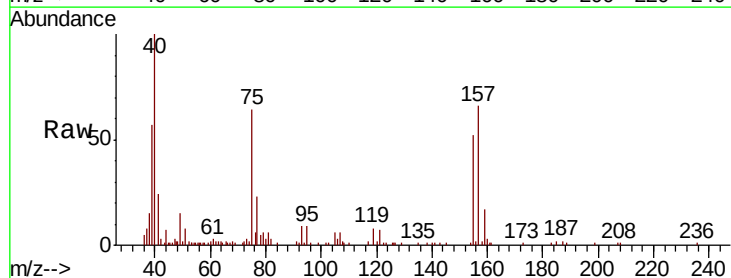
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

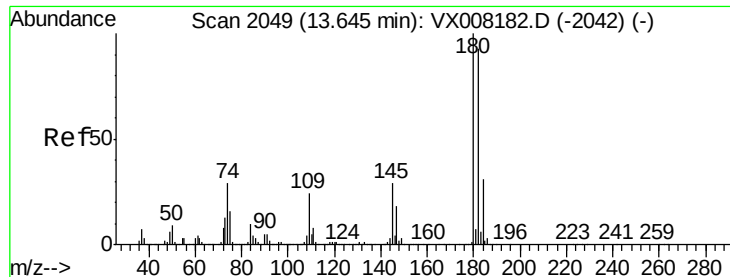
Tgt Ion:146 Resp: 34246
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.6 58.8
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.055 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion: 75 Resp: 5756
 Ion Ratio Lower Upper
 75 100
 155 79.1 49.7 149.1
 157 101.2 63.8 191.4

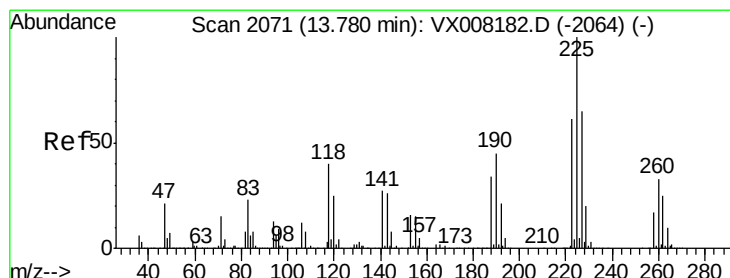
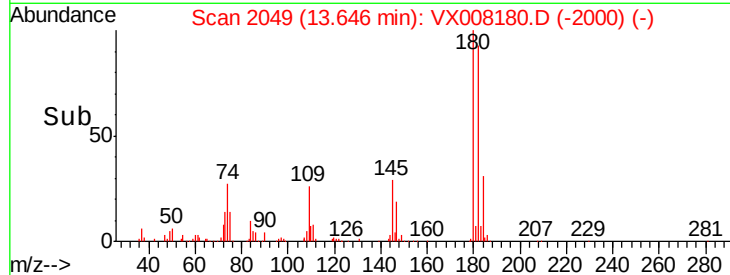
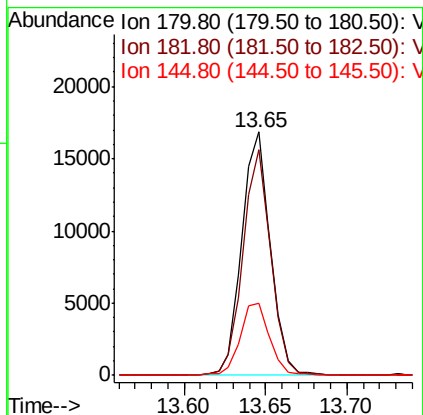
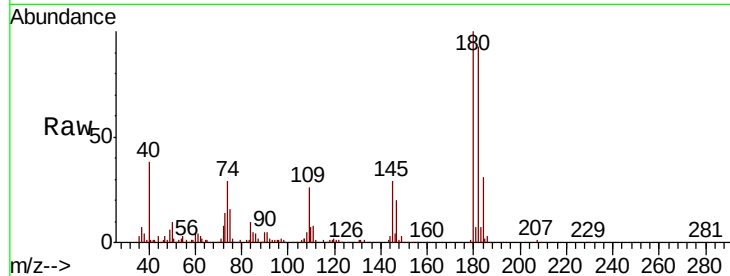




#93
 1,2,4-Trichlorobenzene
 Concen: 4.022 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

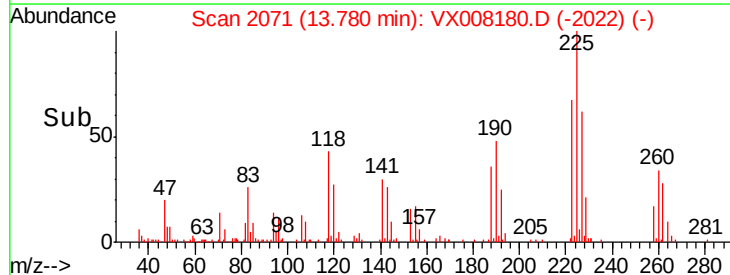
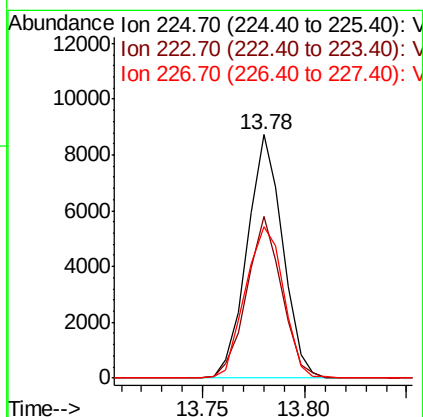
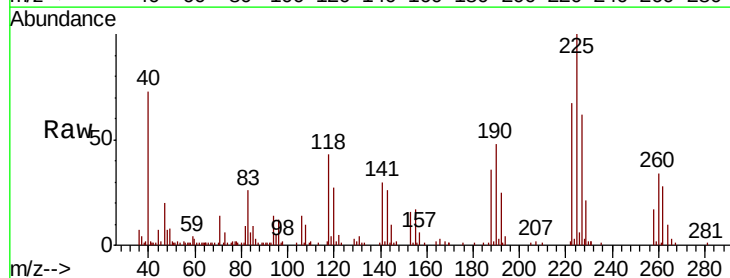
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

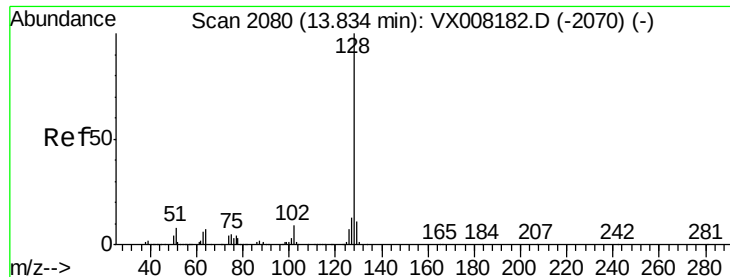
Tgt Ion:180 Resp: 20589
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.9 143.7
 145 30.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 4.232 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008180.D
 Acq: 19 Mar 2019 10:19

Tgt Ion:225 Resp: 10583
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.1 93.2
 227 67.1 32.0 96.0

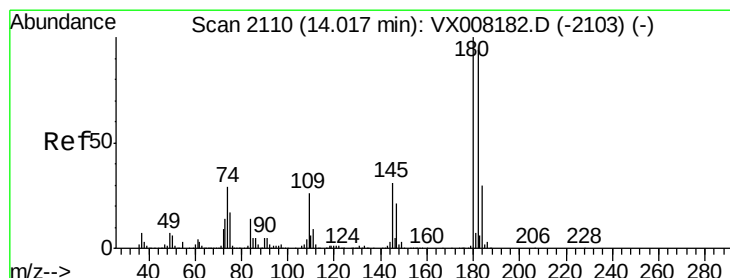
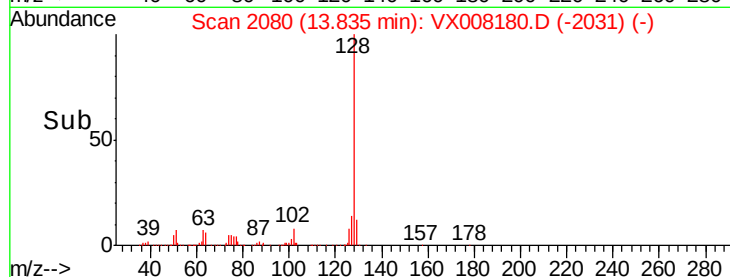
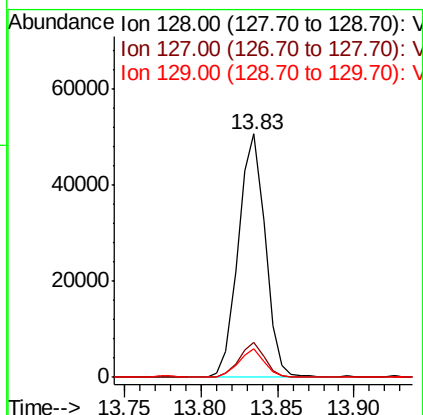
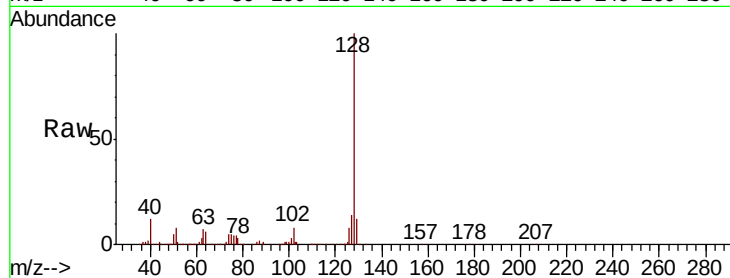




#95
Naphthalene
Concen: 3.687 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 62216
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.107 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008180.D
Acq: 19 Mar 2019 10:19

Tgt Ion:180 Resp: 20839
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 32.6 14.8 44.3

