

Data File : VX012018.D
Acq On : 03 Sep 2019 12:45
Operator : SY/SP
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Sep 03 14:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118153	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	10332	7.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.90%	
35) Dibromofluoromethane	5.48	113	7812	4.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.82%	
50) Toluene-d8	8.71	98	32583	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
62) 4-Bromofluorobenzene	11.14	95	14860	5.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	6972	7.858 ug/l	94
3) Chloromethane	1.31	50	6649	7.540 ug/l	97
4) Vinyl Chloride	1.40	62	6247	6.974 ug/l	92
5) Bromomethane	1.62	94	3607	5.679 ug/l	95
6) Chloroethane	1.71	64	4055	7.157 ug/l	98
7) Trichlorofluoromethane	1.92	101	9856	6.061 ug/l	98
8) Diethyl Ether	2.18	74	3146	6.363 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7183	6.937 ug/l	97
10) Methyl Iodide	2.50	142	3804	3.677 ug/l	98
11) Tert butyl alcohol	3.03	59	4906	45.717 ug/l #	85
12) 1,1-Dichloroethene	2.36	96	6990	7.398 ug/l	91
13) Acrolein	2.28	56	1519	38.663 ug/l #	47
14) Allyl chloride	2.72	41	11751	7.257 ug/l	98
15) Acrylonitrile	3.13	53	9616	38.014 ug/l	97
16) Acetone	2.43	43	12162	47.705 ug/l	96
17) Carbon Disulfide	2.56	76	18656	6.999 ug/l	99
18) Methyl Acetate	2.76	43	5894	8.922 ug/l	98
19) Methyl tert-butyl Ether	3.18	73	20605	7.315 ug/l	98
20) Methylene Chloride	2.84	84	11232	9.754 ug/l	88
21) trans-1,2-Dichloroethene	3.15	96	8067	7.183 ug/l	98
22) Diisopropyl ether	3.84	45	24508	7.526 ug/l	95
23) Vinyl Acetate	3.80	43	70380	34.373 ug/l	98
24) 1,1-Dichloroethane	3.68	63	14336	7.549 ug/l	98
25) 2-Butanone	4.67	43	12400	35.702 ug/l	100
26) 2,2-Dichloropropane	4.56	77	13745	7.803 ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	9265	7.180 ug/l	99
28) Bromochloromethane	5.00	49	6433	8.242 ug/l	94
29) Tetrahydrofuran	5.12	42	7669	35.903 ug/l	96
30) Chloroform	5.20	83	15996	7.674 ug/l	93
31) Cyclohexane	5.56	56	12338	7.798 ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	13013	6.710 ug/l	95
36) 1,1-Dichloropropene	5.78	75	11181	5.410 ug/l	97
37) Ethyl Acetate	4.83	43	5368	5.189 ug/l #	90
38) Carbon Tetrachloride	5.77	117	11724	4.665 ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Sep 03 14:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	13702	5.460	ug/l	98
40) Benzene	6.13	78	31077	5.206	ug/l	96
41) Methacrylonitrile	5.03	41	3019	4.842	ug/l #	75
42) 1,2-Dichloroethane	6.17	62	10806	5.344	ug/l	98
43) Isopropyl Acetate	6.43	43	10455	4.889	ug/l	96
44) Trichloroethene	7.20	130	8643	4.360	ug/l	85
45) 1,2-Dichloropropane	7.50	63	7948	5.292	ug/l	94
46) Dibromomethane	7.65	93	4624	5.136	ug/l	98
47) Bromodichloromethane	7.89	83	11529	5.073	ug/l	97
48) Methyl methacrylate	7.76	41	5529	5.243	ug/l	95
49) 1,4-Dioxane	7.74	88	1655	111.870	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	27571	25.653	ug/l	98
52) Toluene	8.78	92	20535	5.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	11782	5.121	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	13354	5.157	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	6559	4.990	ug/l	98
56) Ethyl methacrylate	9.17	69	8811	5.048	ug/l	97
57) 1,3-Dichloropropane	9.37	76	11084	5.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	24676	31.110	ug/l	100
59) 2-Hexanone	9.49	43	20682	27.032	ug/l	97
60) Dibromochloromethane	9.58	129	7600	4.160	ug/l	98
61) 1,2-Dibromoethane	9.67	107	6139	4.689	ug/l	100
64) Tetrachloroethene	9.33	164	7685	3.764	ug/l	96
65) Chlorobenzene	10.14	112	23318	4.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	8054	4.285	ug/l	98
67) Ethyl Benzene	10.25	91	42784	5.407	ug/l	99
68) m/p-Xylenes	10.35	106	31787	10.231	ug/l	98
69) o-Xylene	10.70	106	15039	4.990	ug/l	100
70) Styrene	10.71	104	24608	4.759	ug/l	97
71) Bromoform	10.85	173	4046	3.103	ug/l #	96
73) Isopropylbenzene	11.01	105	41339	6.270	ug/l	99
74) N-amyl acetate	10.89	43	10589	6.441	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	7778	6.444	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	8641	9.239	ug/l	84
77) Bromobenzene	11.25	156	8829	4.580	ug/l	96
78) n-propylbenzene	11.35	91	50228	6.770	ug/l	99
79) 2-Chlorotoluene	11.42	91	30788	7.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	36922	6.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2672	6.740	ug/l	98
82) 4-Chlorotoluene	11.51	91	36895	7.000	ug/l	100
83) tert-Butylbenzene	11.76	119	35093	5.969	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	38060	6.603	ug/l	98
85) sec-Butylbenzene	11.94	105	44895	6.648	ug/l	99
86) p-Isopropyltoluene	12.06	119	40534	6.131	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	19219	5.316	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	19389	5.398	ug/l	95
89) n-Butylbenzene	12.38	91	39391	6.879	ug/l	98
90) Hexachloroethane	12.59	117	8009	6.452	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	16833	5.157	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1624	6.852	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090319\
Quantitation Report (Not Reviewed)

Data File : VX012018.D
Acq On : 03 Sep 2019 12:45
Operator : SY/SP
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 03 14:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	12279	4.324	ug/l	100
94) Hexachlorobutadiene	13.78	225	6270	3.160	ug/l	97
95) Naphthalene	13.83	128	23661	5.418	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	10772	4.314	ug/l	98

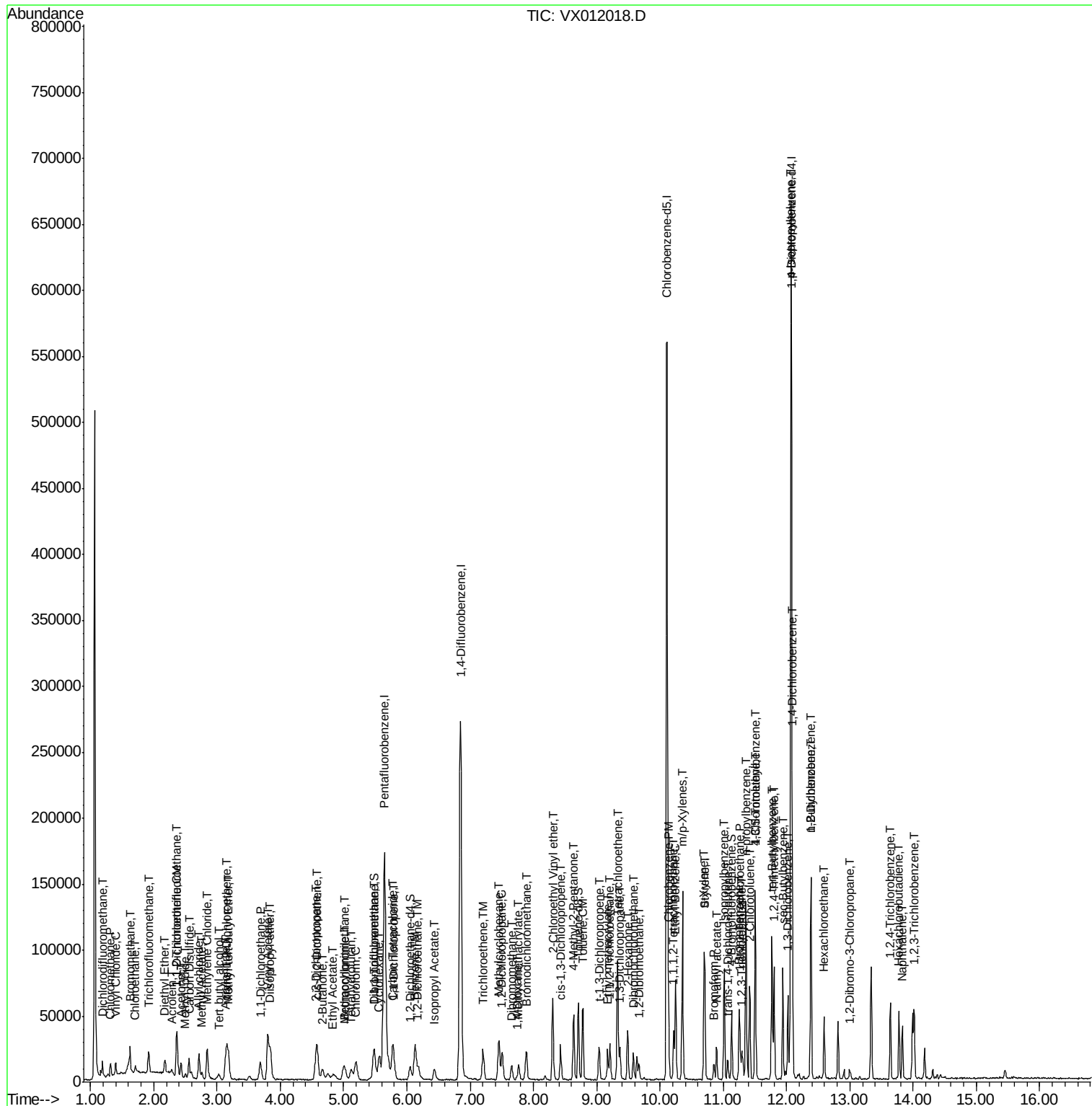
(#) = qualifier out of range (m) = manual integration (+) = signals summed

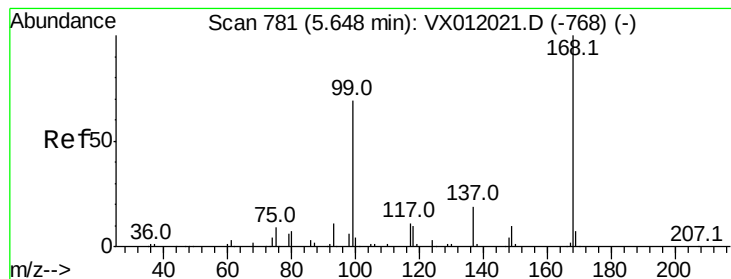
Data File : VX012018.D

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Acq On       : 03 Sep 2019   12:45
Operator    : SY/SP
Sample      : VSTDIC005
Misc       : 5.00g/5.0mL/MSV0A_X/SOIL
ALS Vial    : 2      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 03 14:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 14:34:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

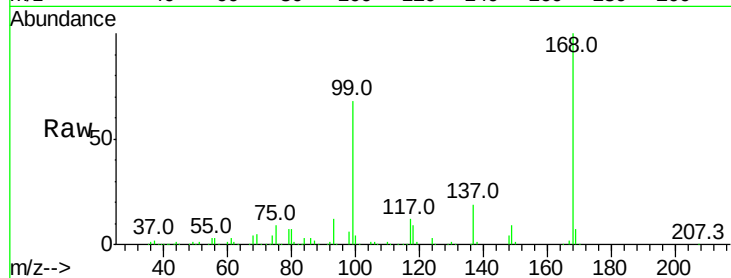
VSTDIC005

Tgt Ion:168 Resp: 146998

Ion Ratio Lower Upper

168 100

99 67.7 55.0 82.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

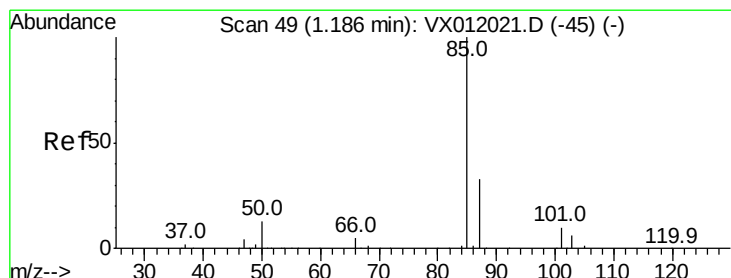
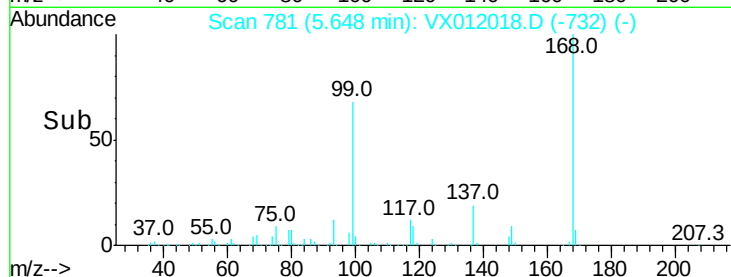
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.858 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012018.D

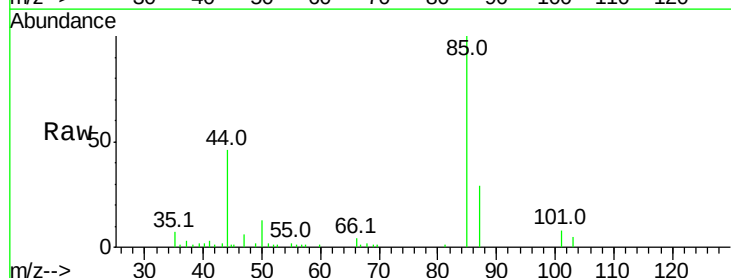
Acq: 03 Sep 2019 12:45

Tgt Ion: 85 Resp: 6972

Ion Ratio Lower Upper

85 100

87 29.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

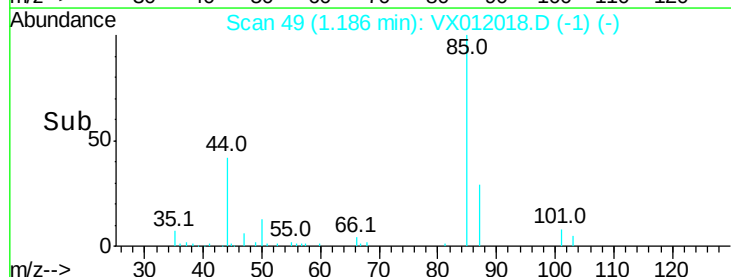
6000

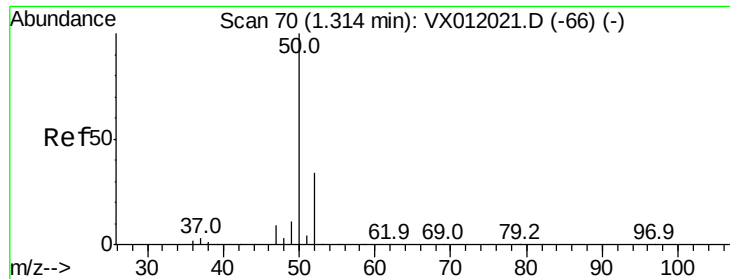
4000

2000

0

Time-->





#3

Chloromethane

Concen: 7.540 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

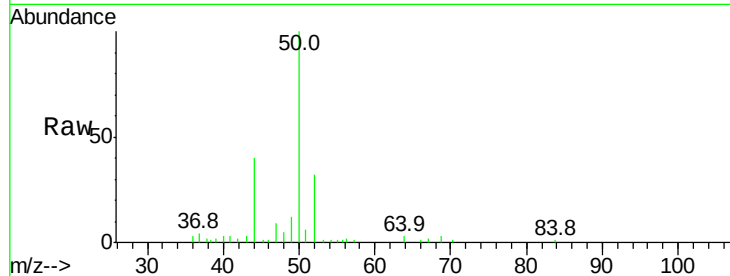
VSTDIC005

Tgt Ion: 50 Resp: 6649

Ion Ratio Lower Upper

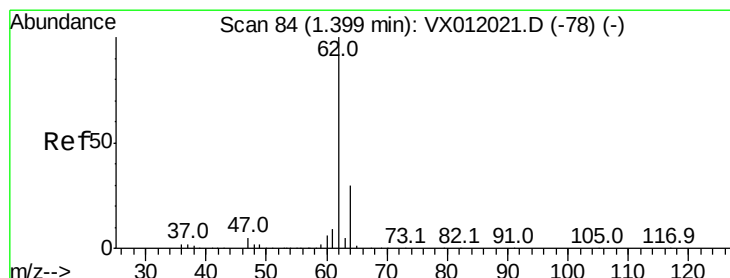
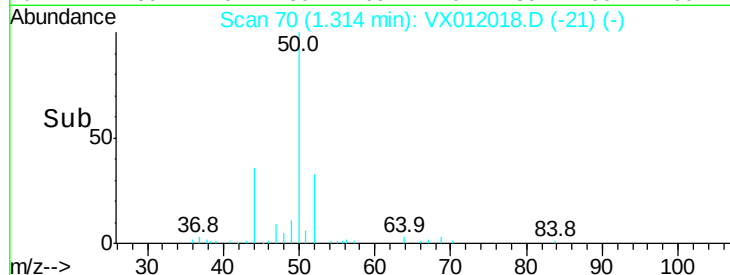
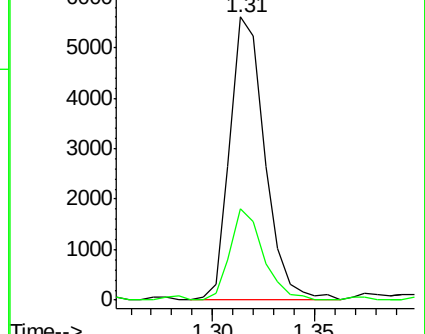
50 100

52 32.4 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 6.974 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012018.D

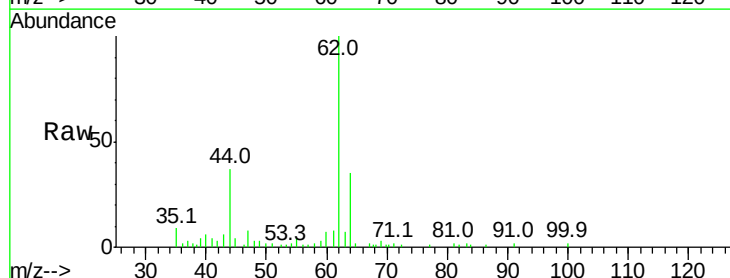
Acq: 03 Sep 2019 12:45

Tgt Ion: 62 Resp: 6247

Ion Ratio Lower Upper

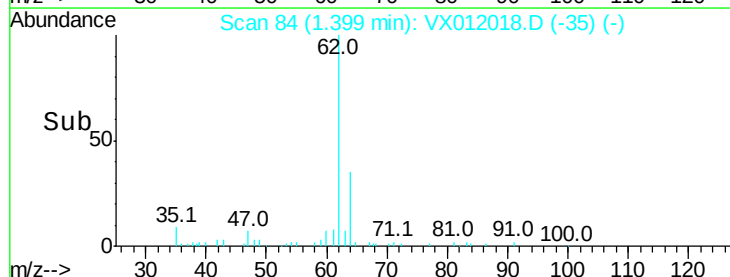
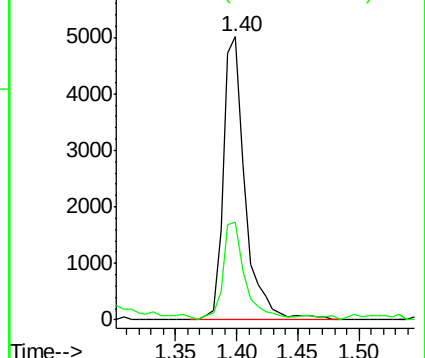
62 100

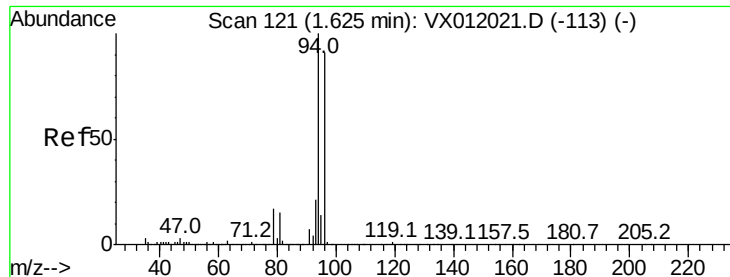
64 34.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.679 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

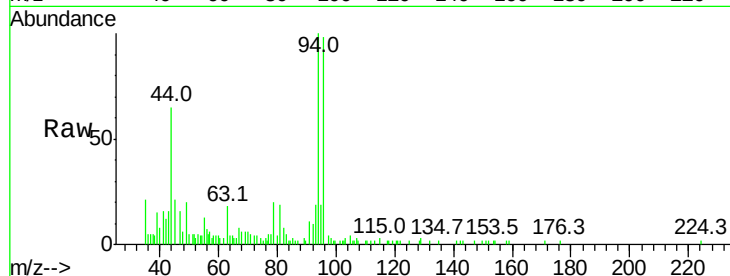
VSTDIC005

Tgt Ion: 94 Resp: 3607

Ion Ratio Lower Upper

94 100

96 96.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

3000

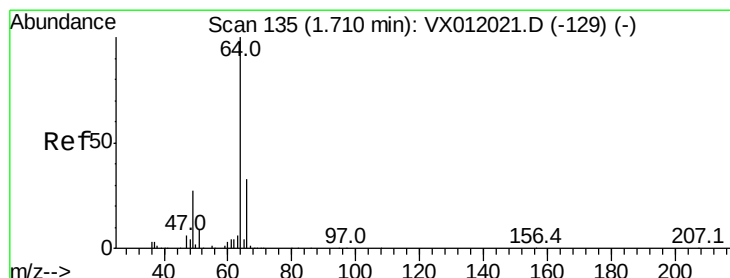
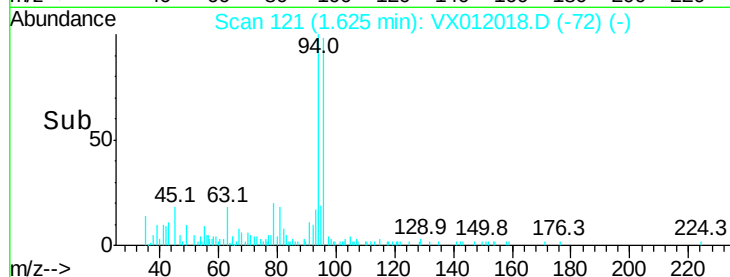
2000

1000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 7.157 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012018.D

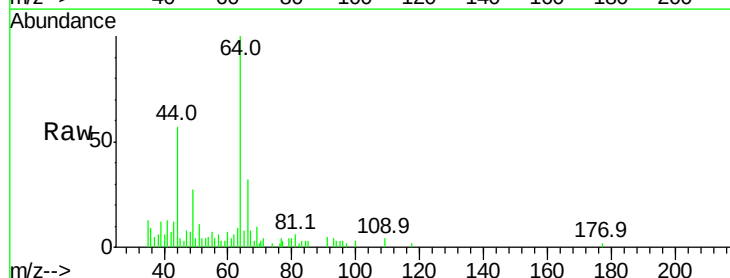
Acq: 03 Sep 2019 12:45

Tgt Ion: 64 Resp: 4055

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

3000

2500

2000

1500

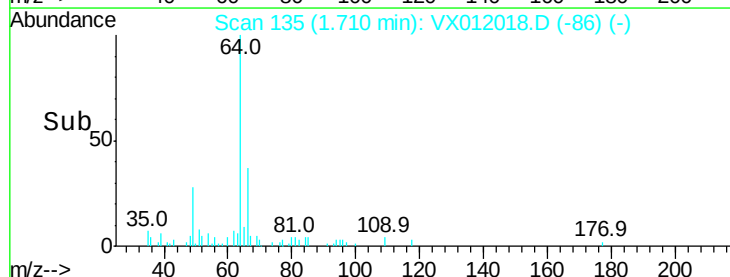
1000

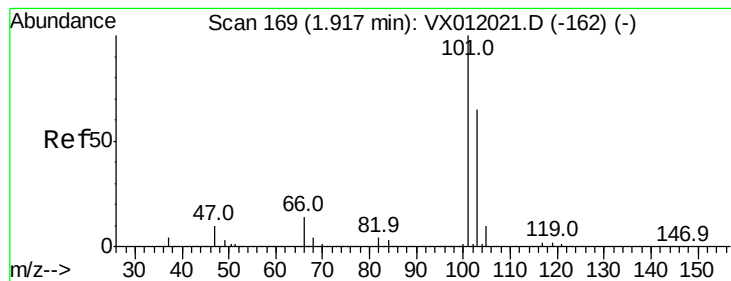
500

0

Time-->

1.65 1.70 1.75 1.80



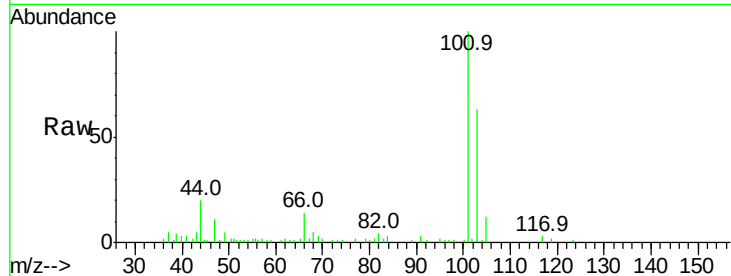


#7

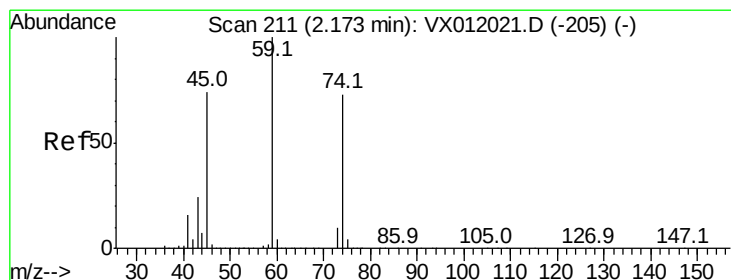
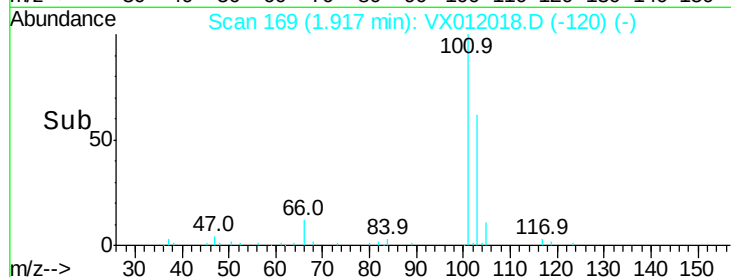
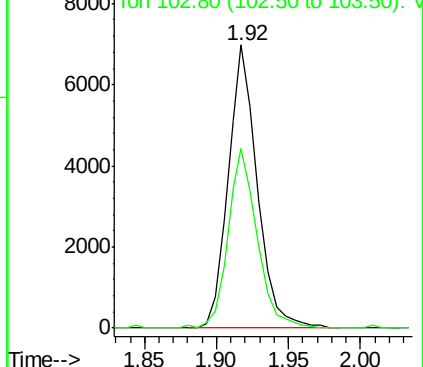
Trichlorofluoromethane
 Concen: 6.061 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 9856
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.6



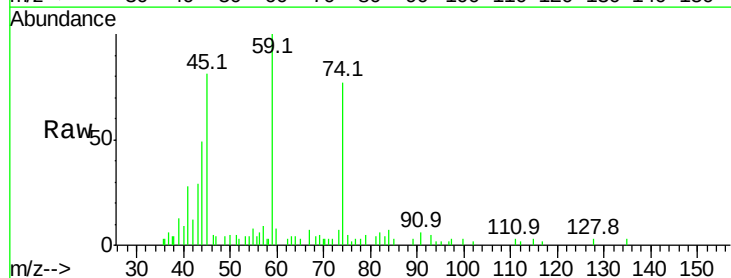
Abundance Ion 100.90 (100.60 to 101.60): V



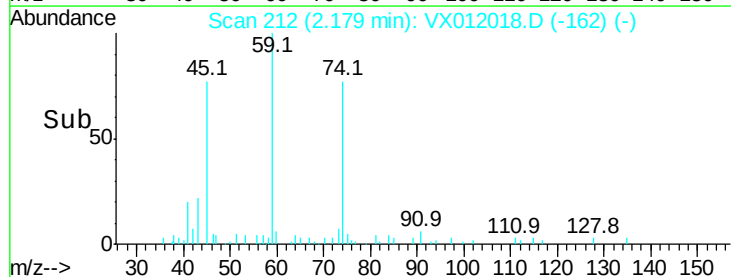
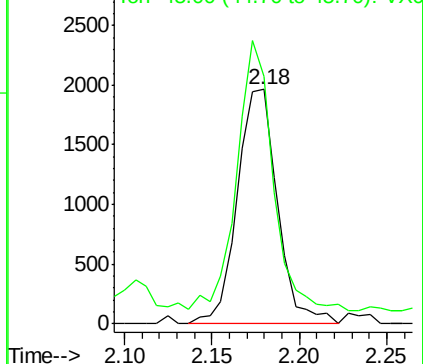
#8

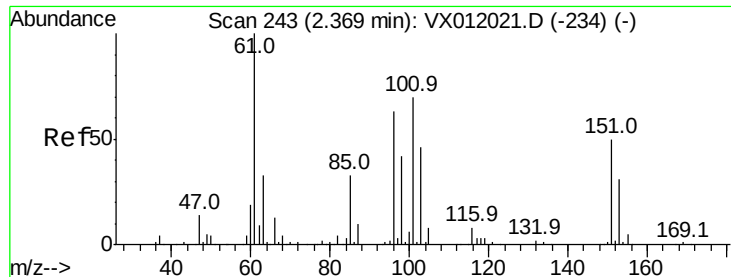
Diethyl Ether
 Concen: 6.363 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 74 Resp: 3146
 Ion Ratio Lower Upper
 74 100
 45 106.5 48.9 146.6



Abundance Ion 74.00 (73.70 to 74.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.937 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

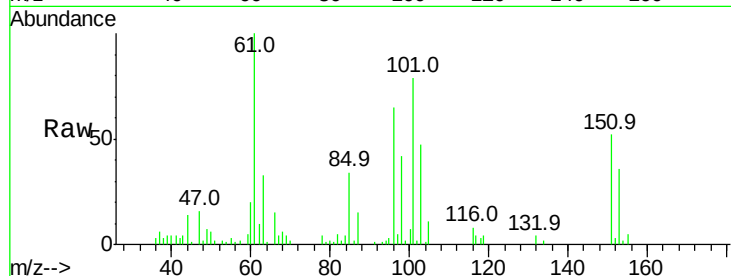
Tgt Ion:101 Resp: 7183

Ion Ratio Lower Upper

101 100

85 48.1 36.6 55.0

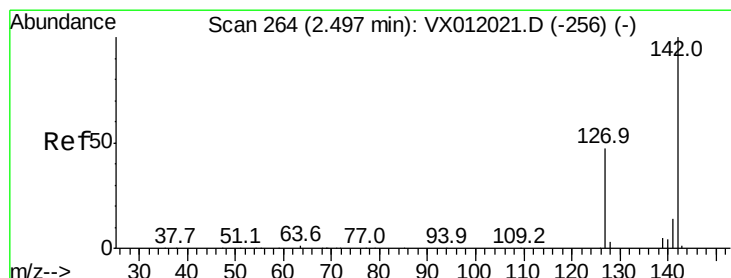
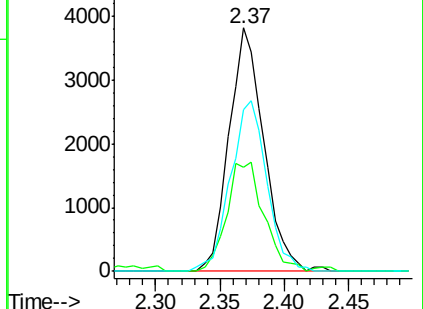
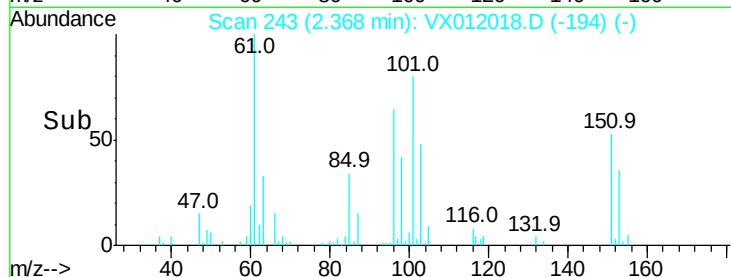
151 73.0 56.5 84.7



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: 3.677 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

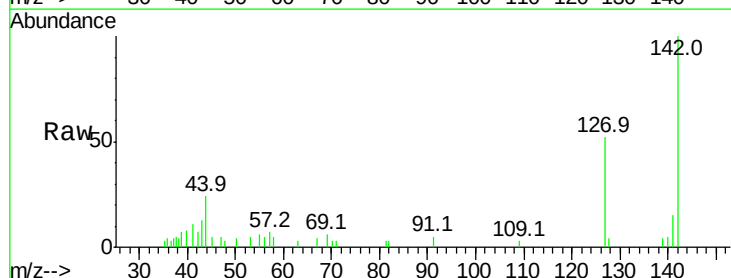
Tgt Ion:142 Resp: 3804

Ion Ratio Lower Upper

142 100

127 49.2 38.2 57.2

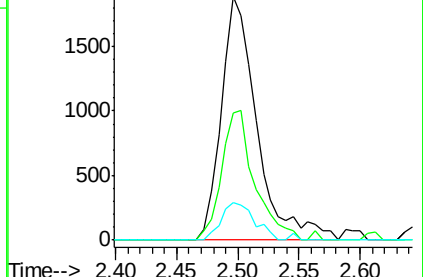
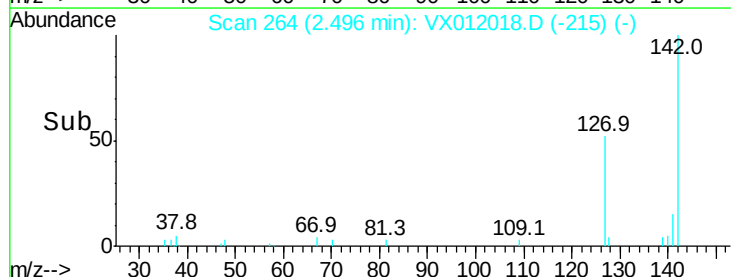
141 14.4 11.2 16.8

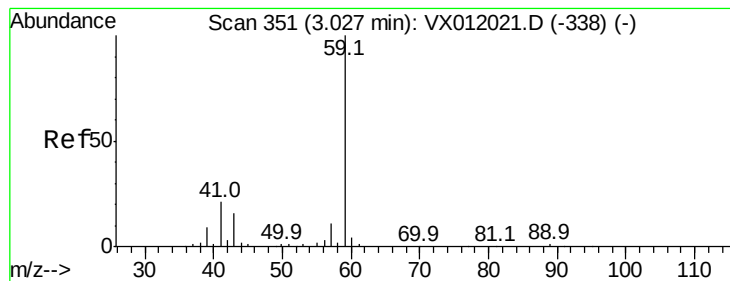


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



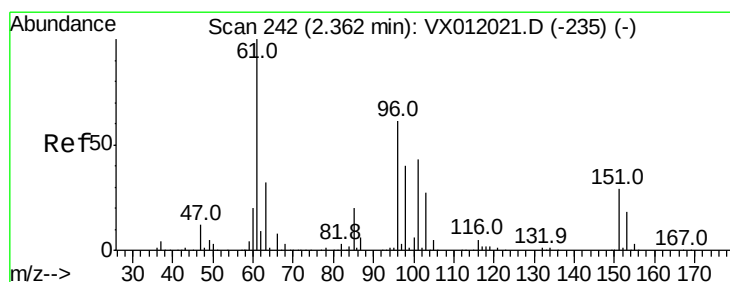
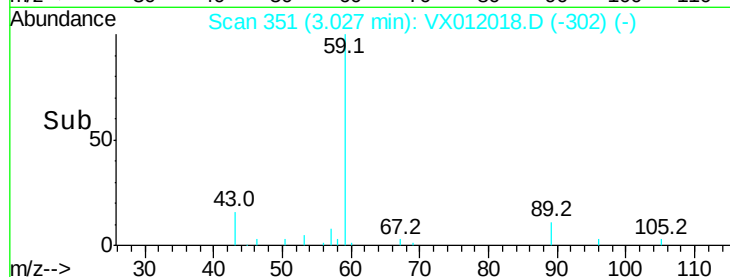
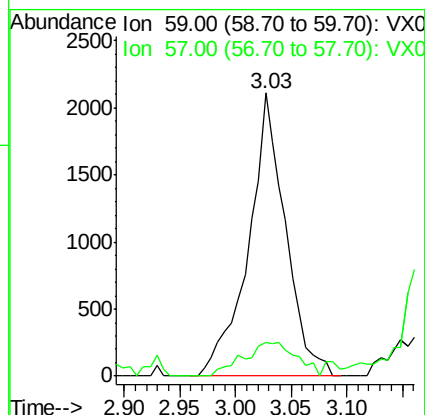
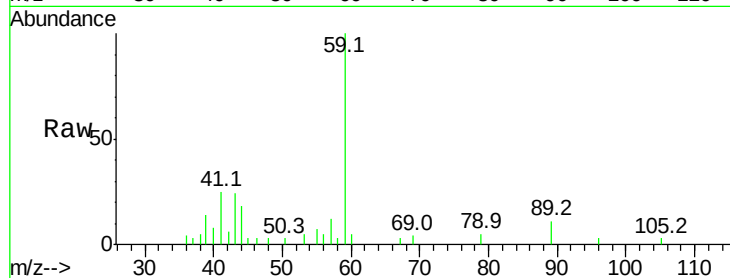


#11

Tert butyl alcohol
 Concen: 45.717 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

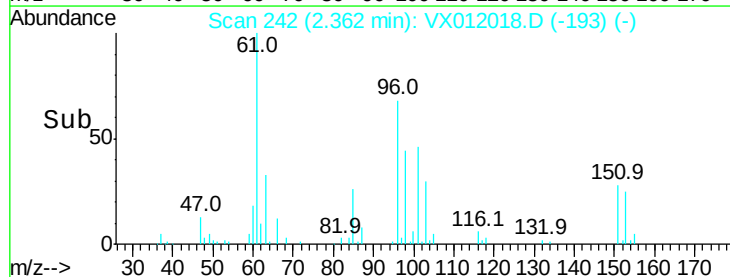
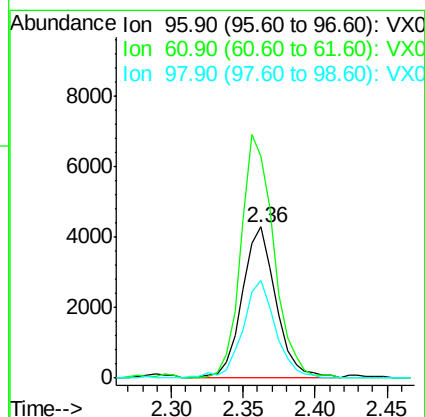
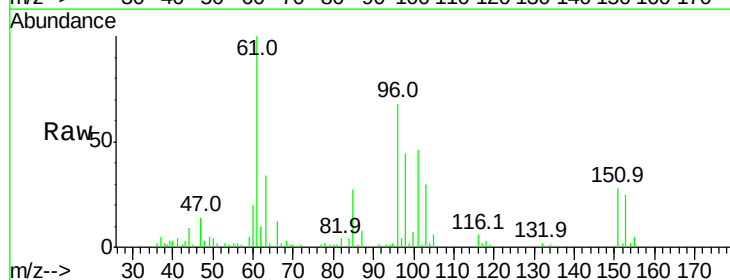
Tgt Ion: 59 Resp: 4906
 Ion Ratio Lower Upper
 59 100
 57 17.0 9.0 13.6#

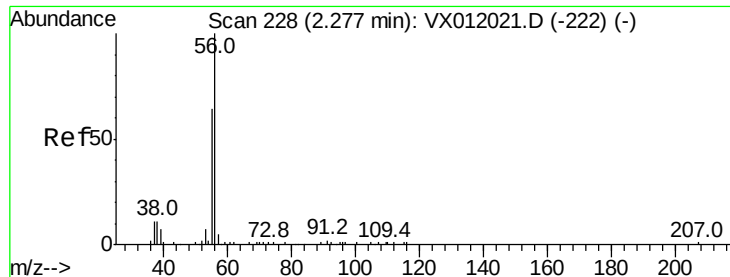


#12

1,1-Dichloroethene
 Concen: 7.398 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 96 Resp: 6990
 Ion Ratio Lower Upper
 96 100
 61 146.9 130.2 195.4
 98 64.6 51.8 77.6





#13

Acrolein

Concen: 38.663 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

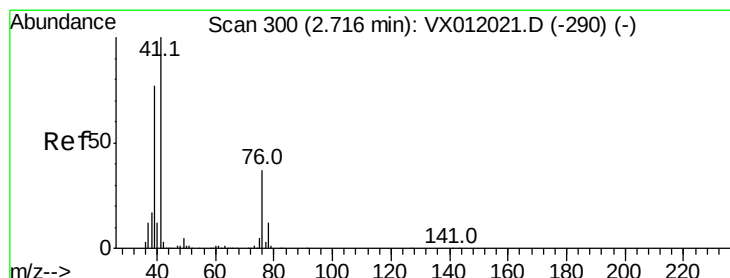
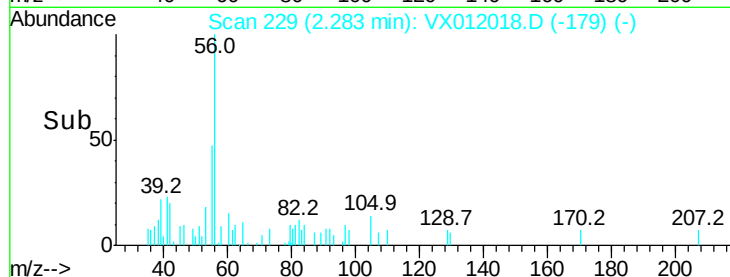
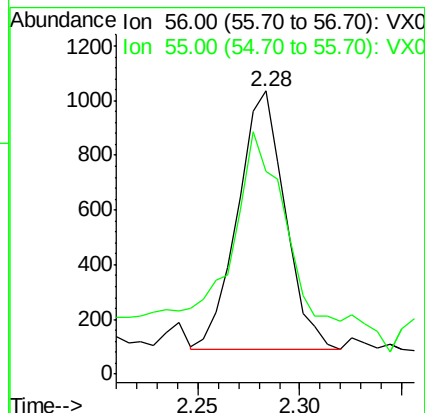
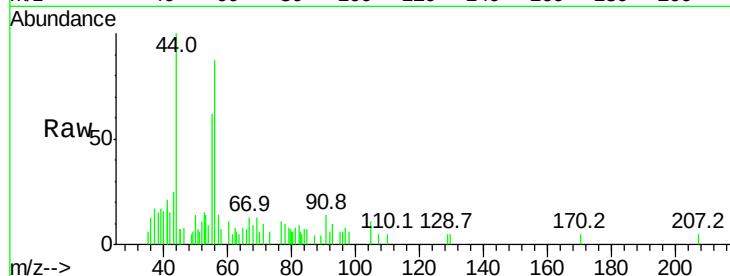
VSTDIC005

Tgt Ion: 56 Resp: 1519

Ion Ratio Lower Upper

56 100

55 116.0 57.7 86.5#



#14

Allyl chloride

Concen: 7.257 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

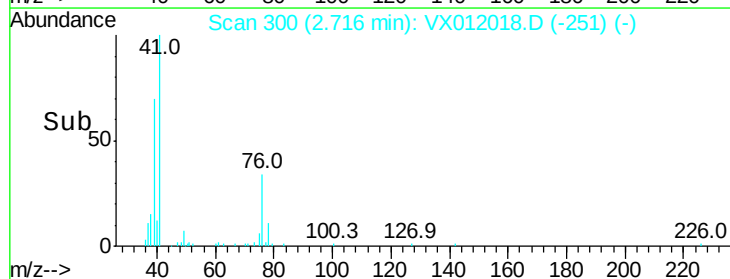
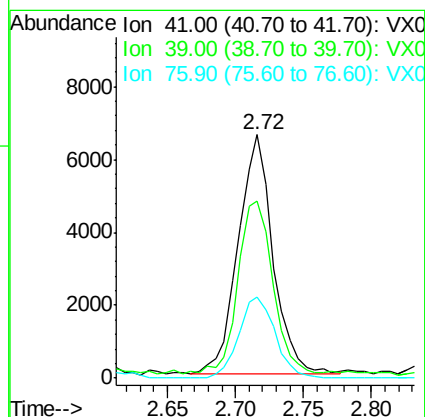
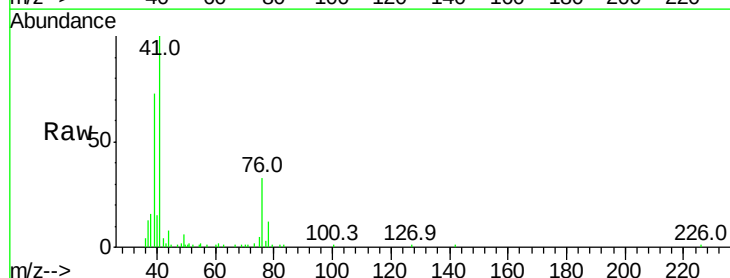
Tgt Ion: 41 Resp: 11751

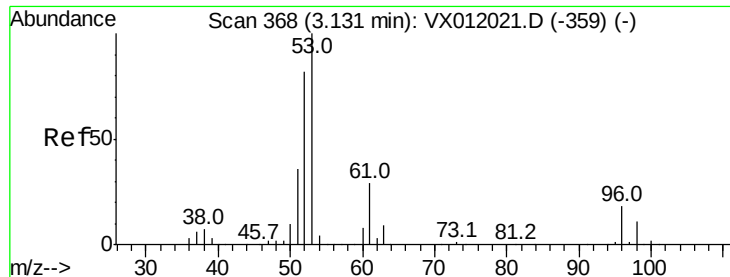
Ion Ratio Lower Upper

41 100

39 72.4 59.2 88.8

76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 38.014 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

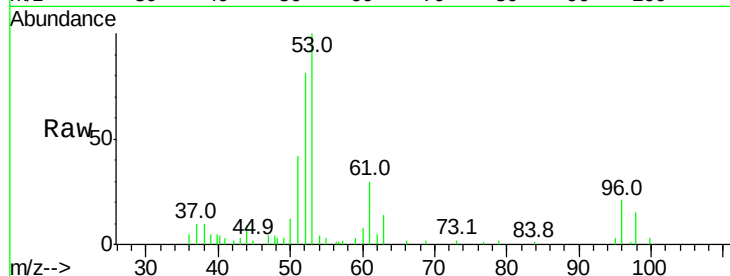
Tgt Ion: 53 Resp: 9616

Ion Ratio Lower Upper

53 100

52 84.7 66.0 99.0

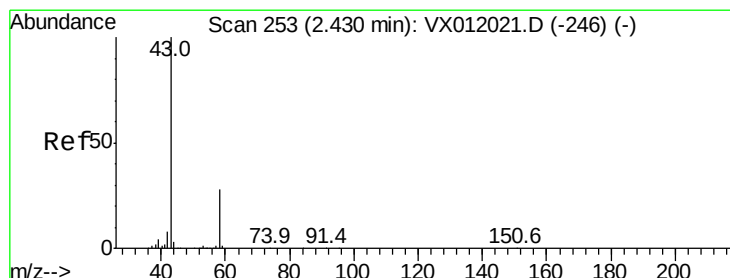
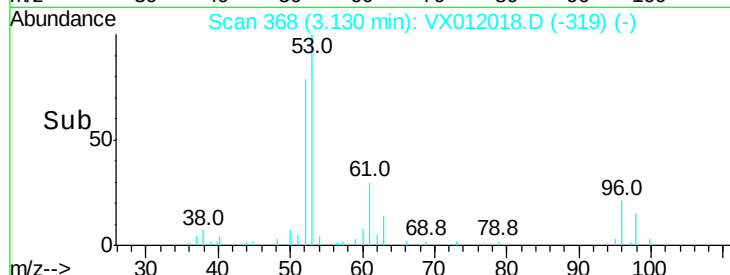
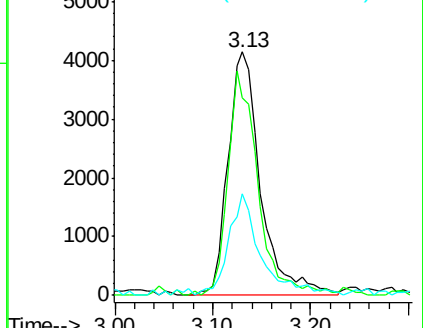
51 41.4 30.6 45.8



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: 47.705 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012018.D

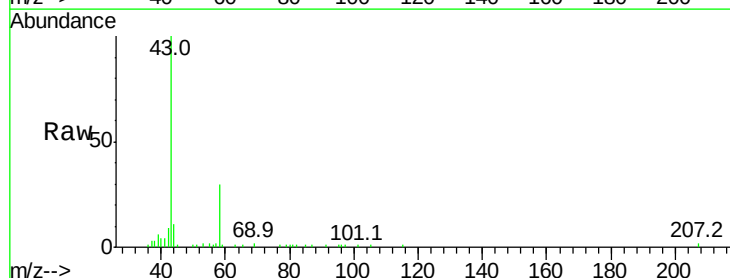
Acq: 03 Sep 2019 12:45

Tgt Ion: 43 Resp: 12162

Ion Ratio Lower Upper

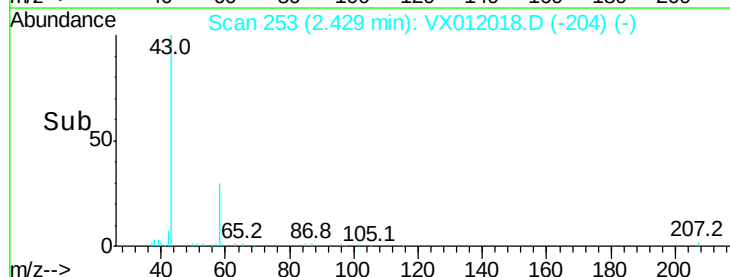
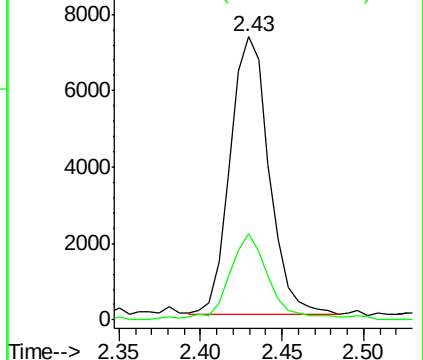
43 100

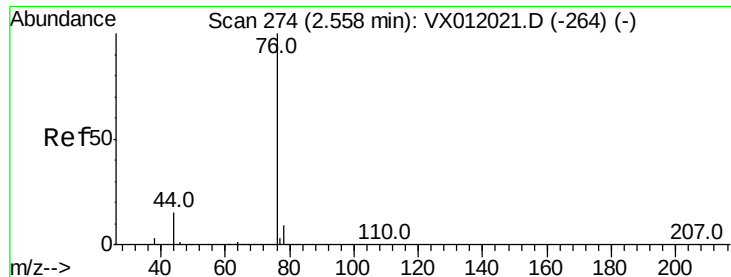
58 29.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 6.999 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

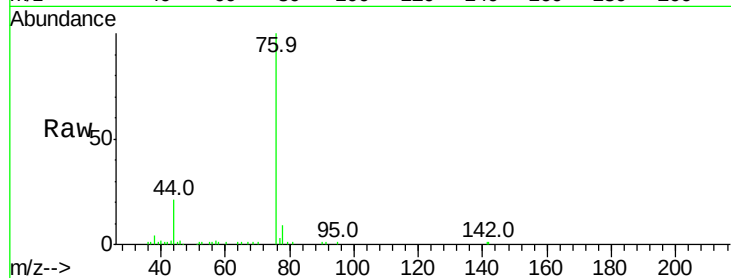
VSTDIC005

Tgt Ion: 76 Resp: 18656

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

12000

10000

8000

6000

4000

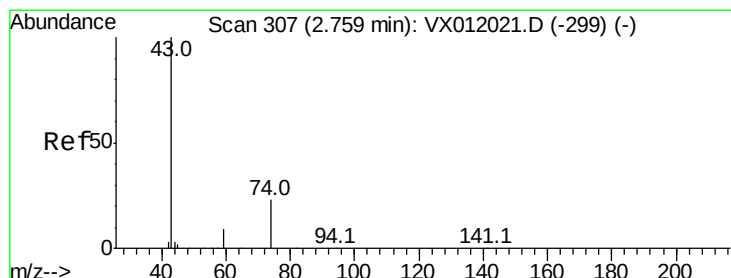
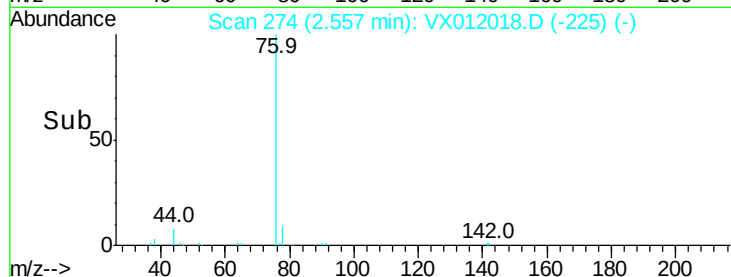
2000

0

2.56

2.45 2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 8.922 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012018.D

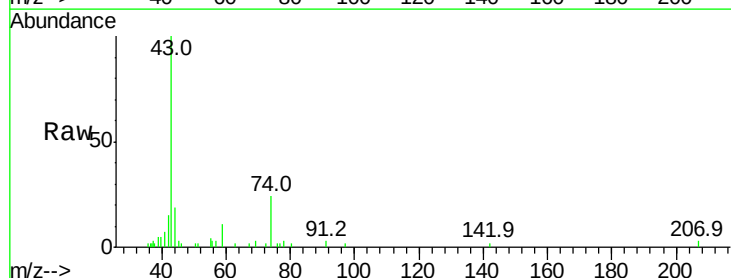
Acq: 03 Sep 2019 12:45

Tgt Ion: 43 Resp: 5894

Ion Ratio Lower Upper

43 100

74 25.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

3000

2000

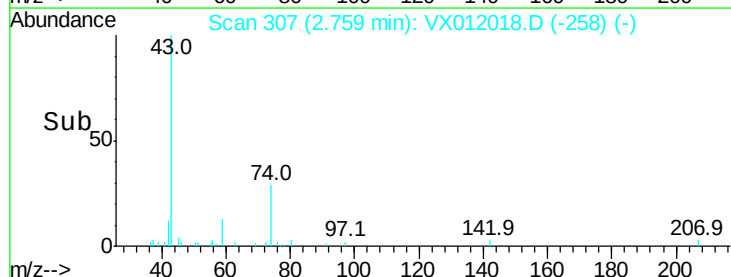
1000

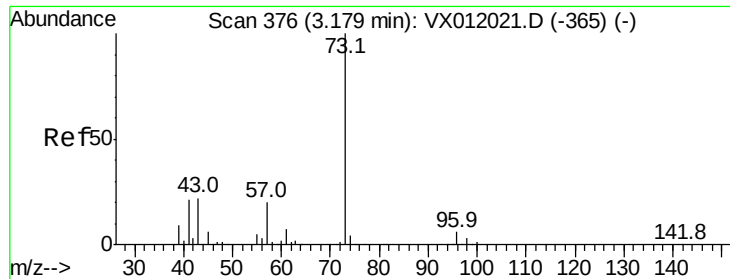
0

2.76

2.70 2.75 2.80 2.85

Time-->

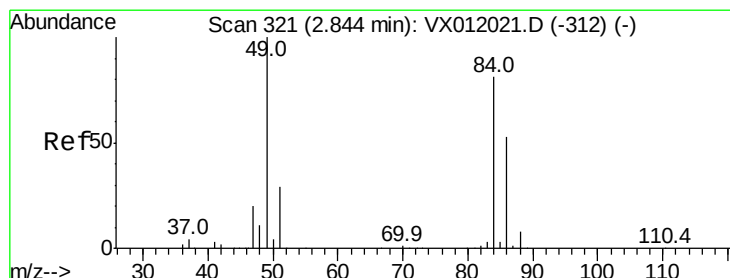
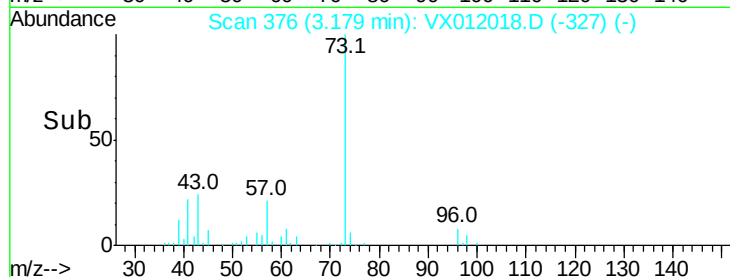
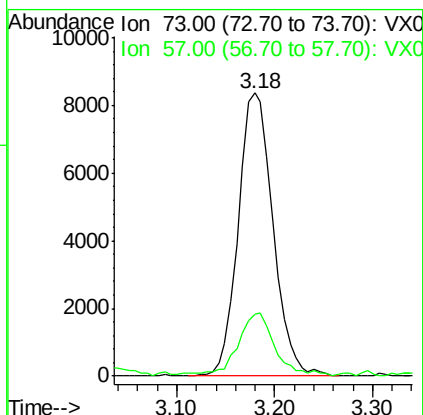
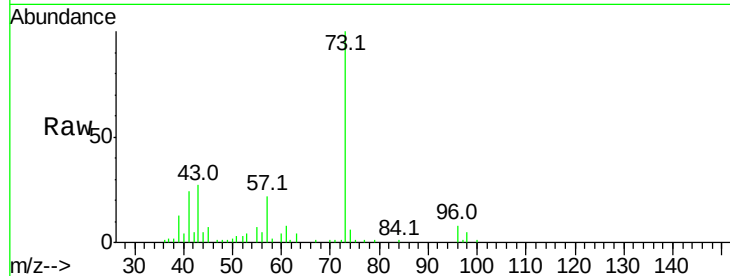




#19
Methyl tert-butyl Ether
Concen: 7.315 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

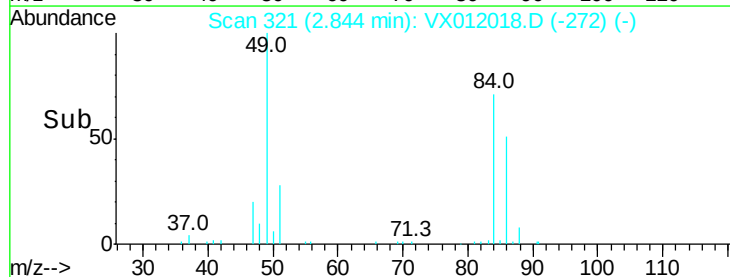
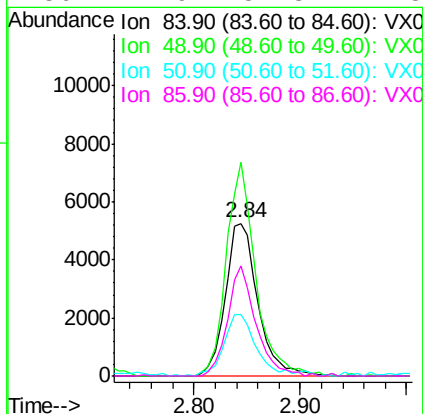
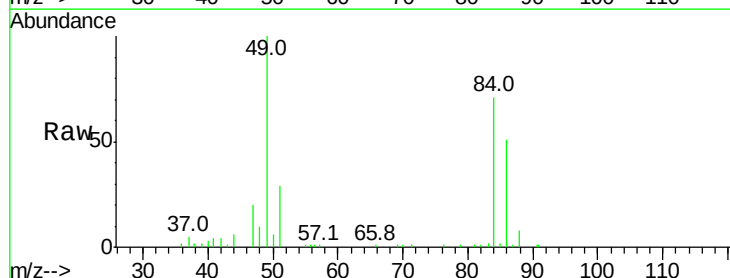
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

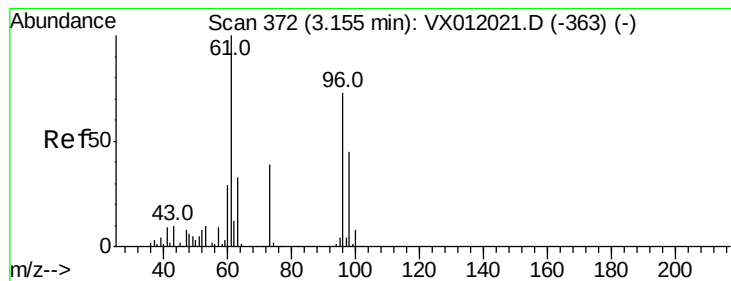
Tgt Ion: 73 Resp: 20605
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5



#20
Methylene Chloride
Concen: 9.754 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 84 Resp: 11232
Ion Ratio Lower Upper
84 100
49 140.2 98.4 147.6
51 40.2 29.0 43.4
86 71.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 7.183 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

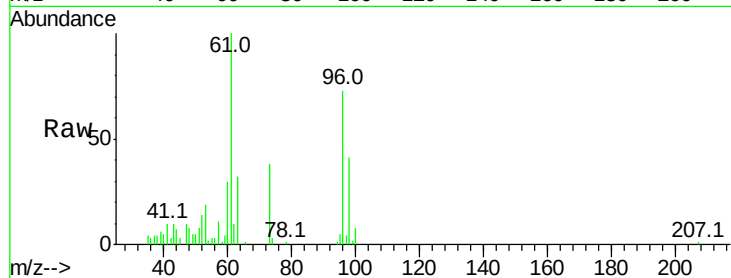
Tgt Ion: 96 Resp: 8067

Ion Ratio Lower Upper

96 100

61 137.2 109.6 164.4

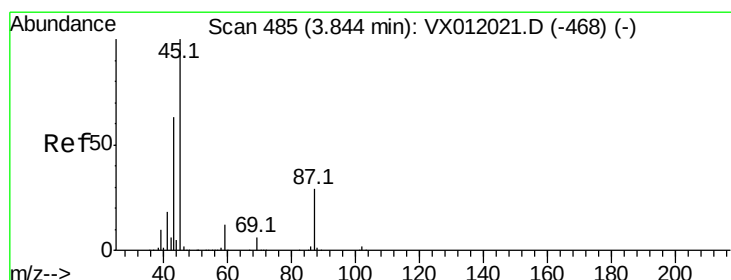
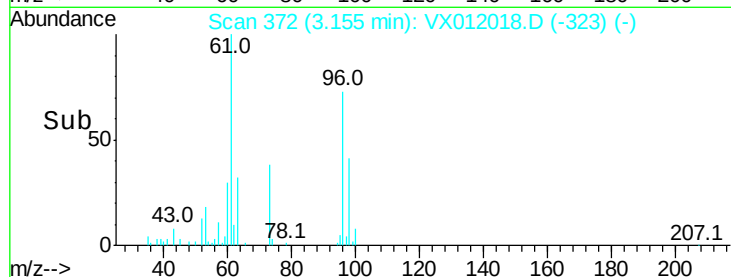
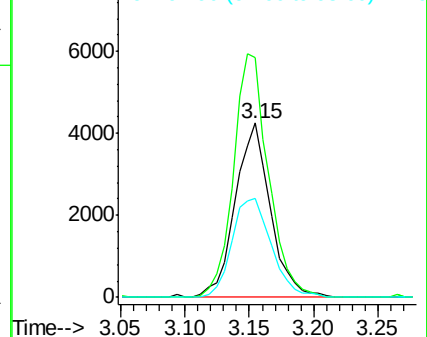
98 56.9 49.8 74.6



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: 7.526 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Tgt Ion: 45 Resp: 24508

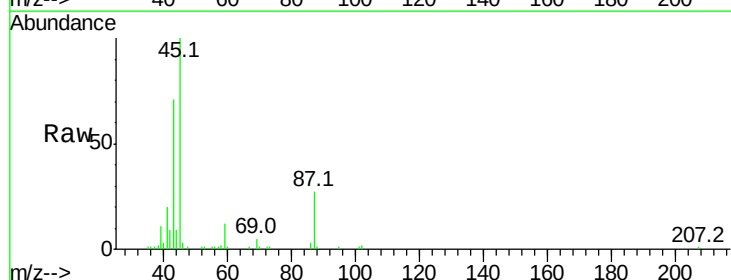
Ion Ratio Lower Upper

45 100

43 68.4 50.6 76.0

87 26.9 23.4 35.0

59 11.7 9.4 14.2

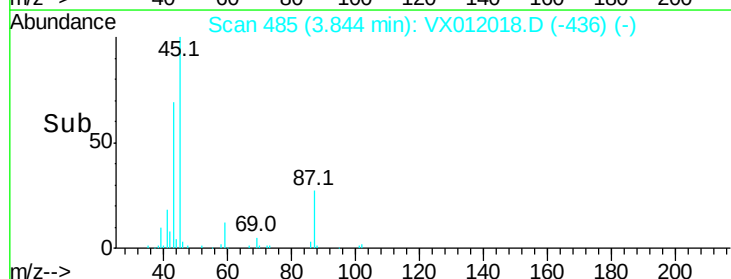
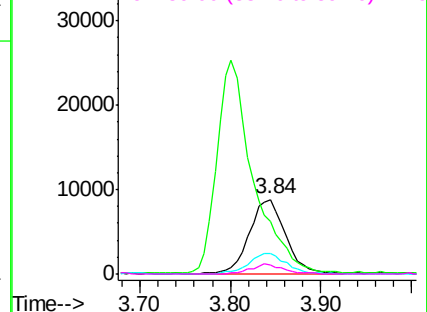


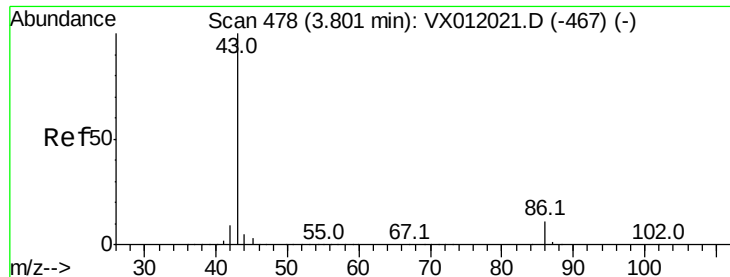
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 34.373 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

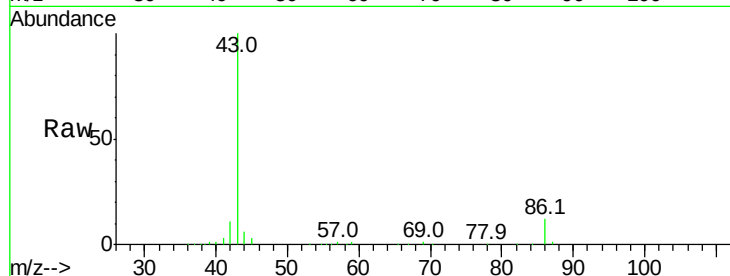
VSTDIC005

Tgt Ion: 43 Resp: 70380

Ion Ratio Lower Upper

43 100

86 11.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

25000

20000

15000

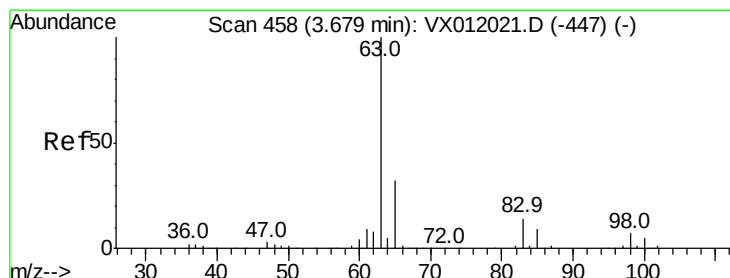
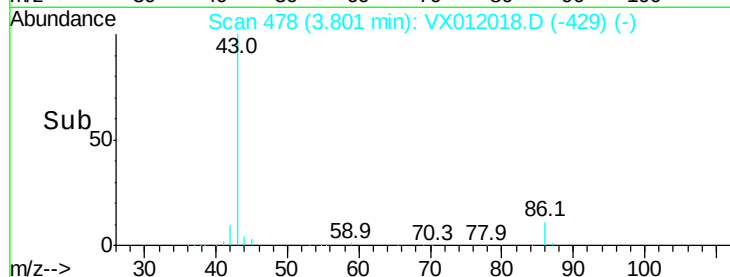
10000

5000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 7.549 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

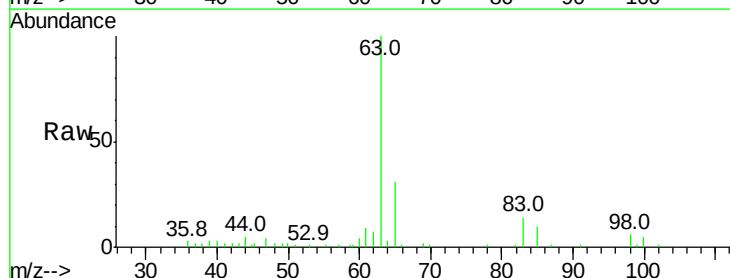
Tgt Ion: 63 Resp: 14336

Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.9

100 5.1 2.5 7.6



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

8000

6000

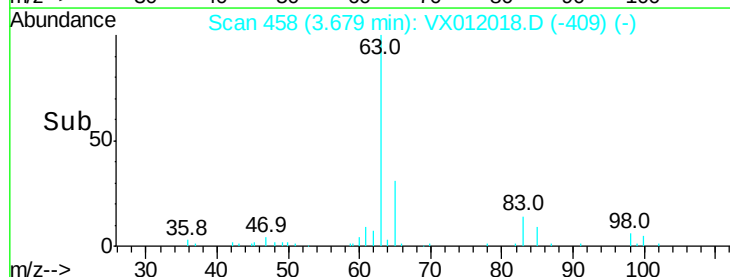
4000

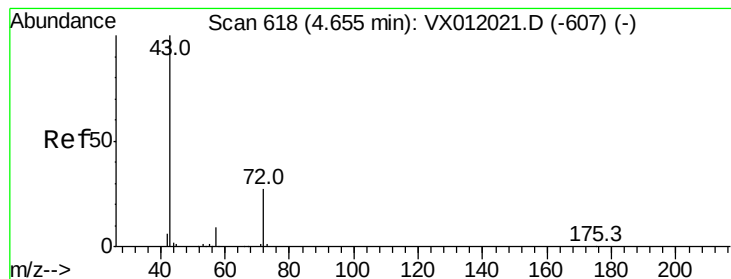
2000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 35.702 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

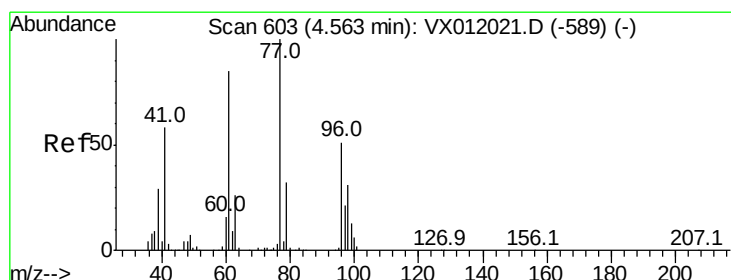
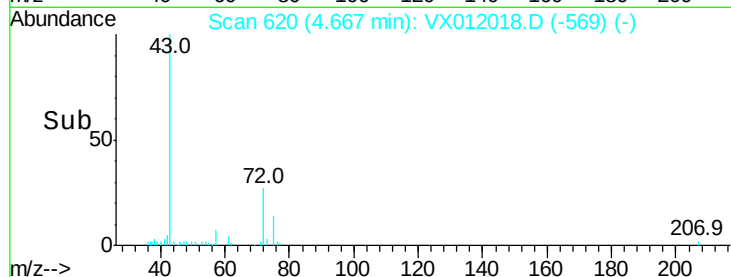
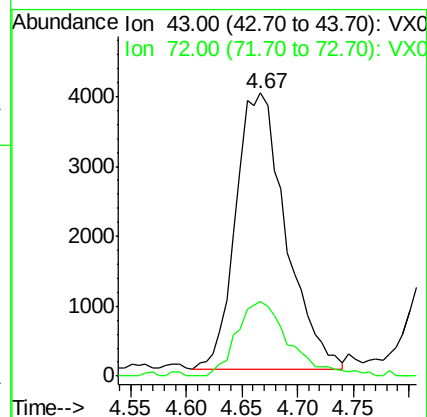
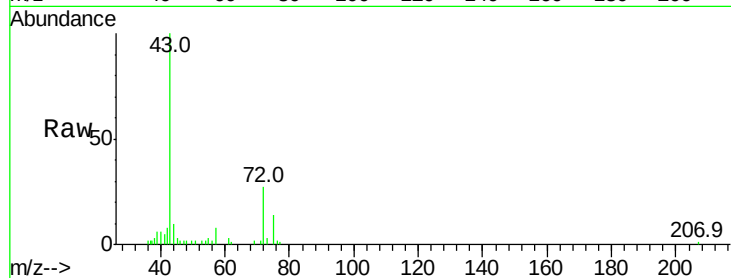
VSTDIC005

Tgt Ion: 43 Resp: 12400

Ion Ratio Lower Upper

43 100

72 27.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 7.803 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX012018.D

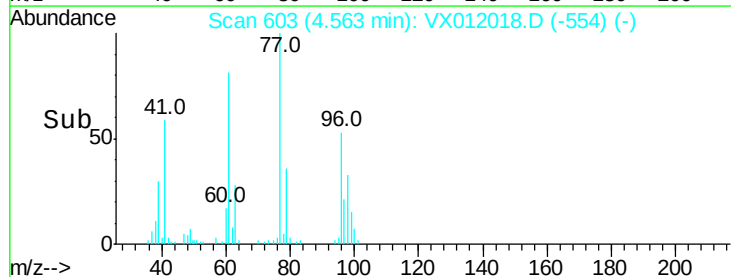
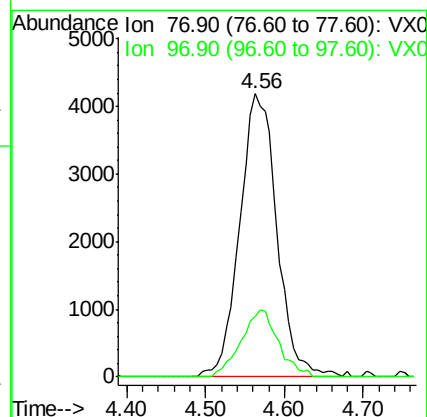
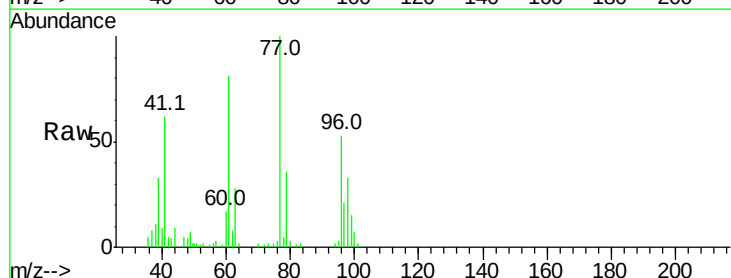
Acq: 03 Sep 2019 12:45

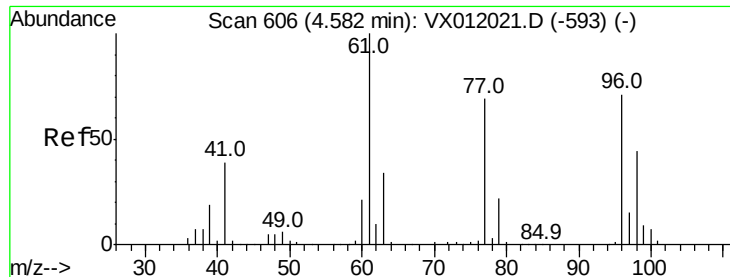
Tgt Ion: 77 Resp: 13745

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.7



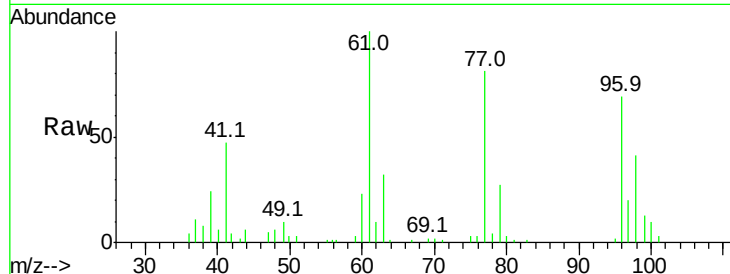


#27

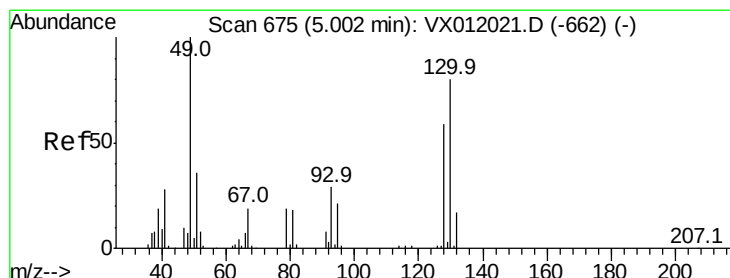
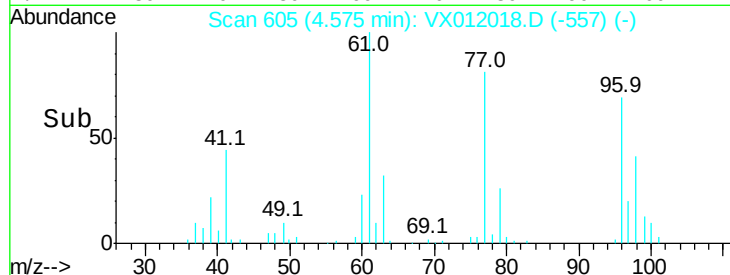
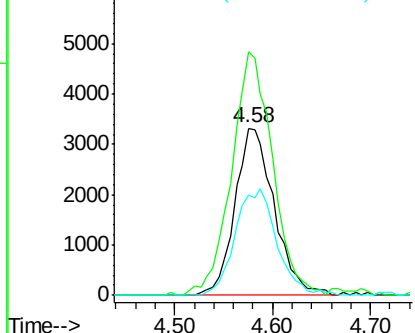
cis-1,2-Dichloroethene
 Concen: 7.180 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 9265
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 301.8
 98 67.2 0.0 129.0



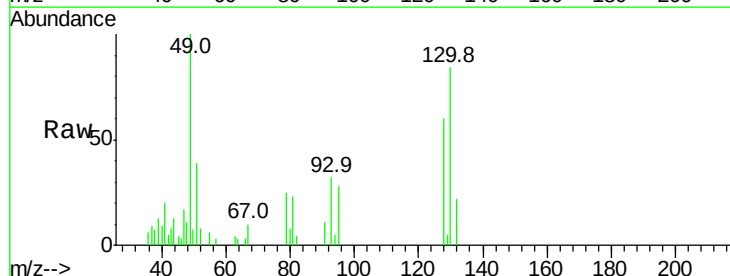
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



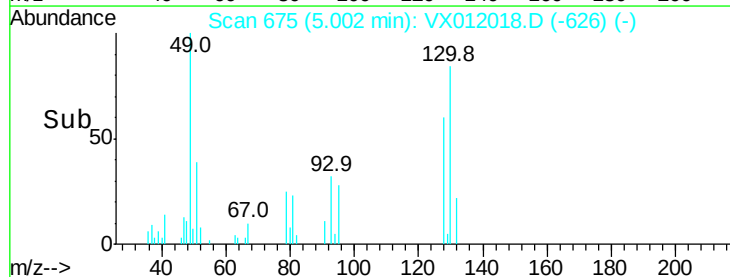
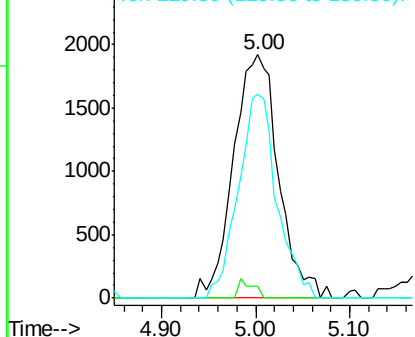
#28

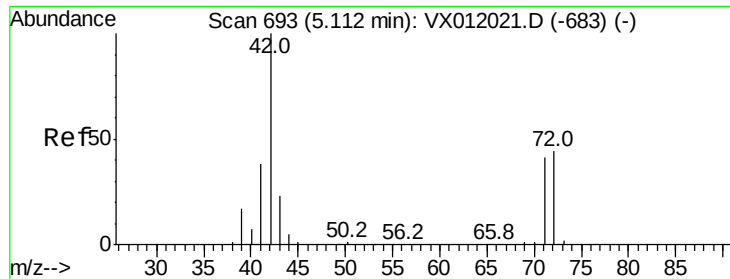
Bromochloromethane
 Concen: 8.242 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 49 Resp: 6433
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 72.0 62.0 93.0



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

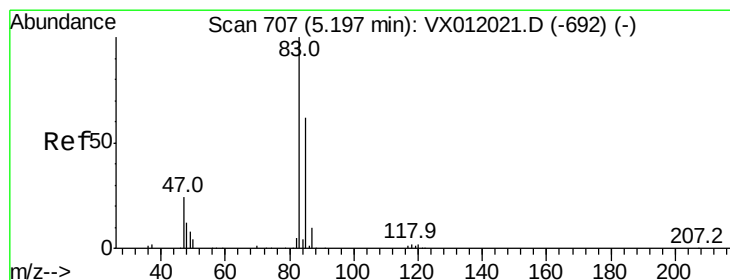
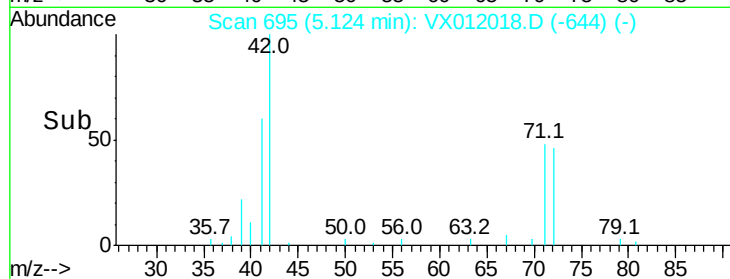
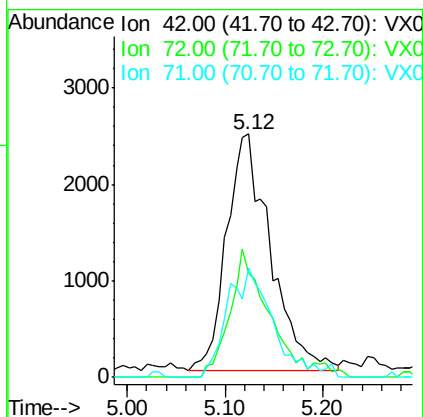
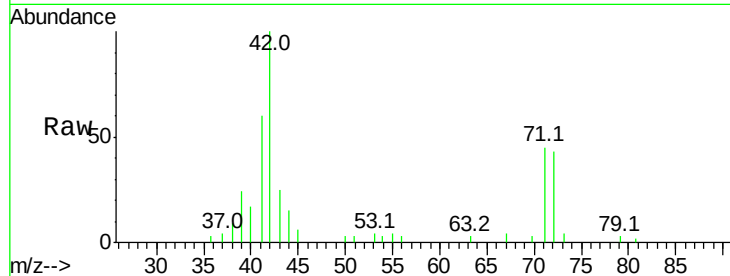




#29
Tetrahydrofuran
Concen: 35.903 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

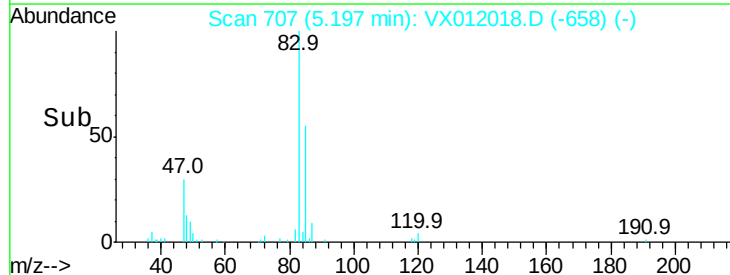
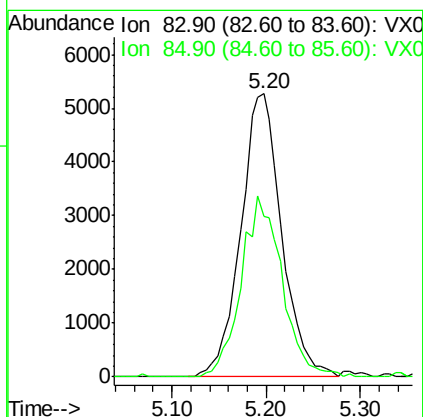
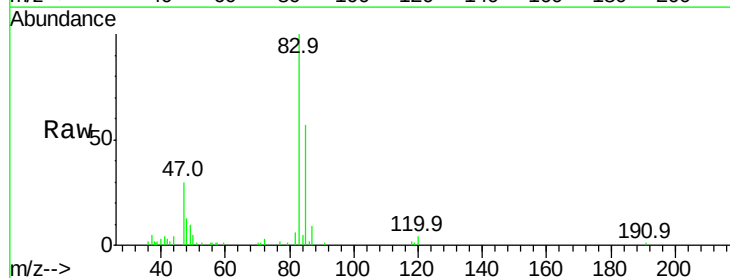
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

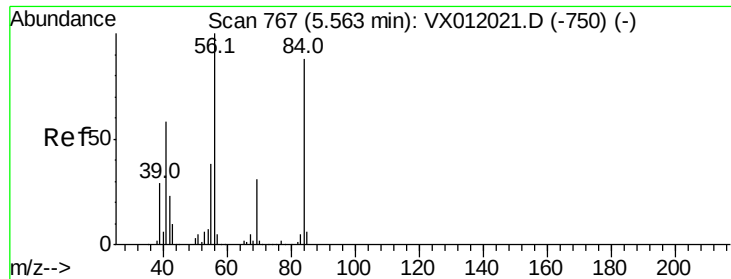
Tgt Ion: 42 Resp: 7669
Ion Ratio Lower Upper
42 100
72 46.4 37.8 56.8
71 47.9 34.9 52.3



#30
Chloroform
Concen: 7.674 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 83 Resp: 15996
Ion Ratio Lower Upper
83 100
85 56.5 49.6 74.4

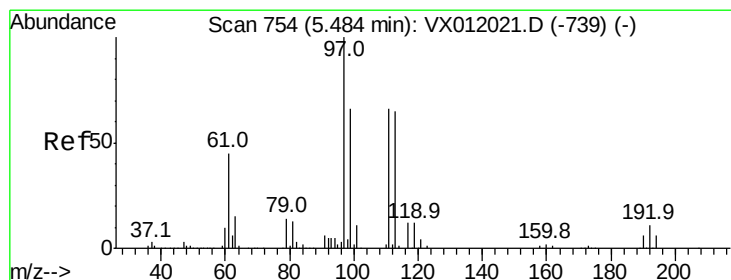
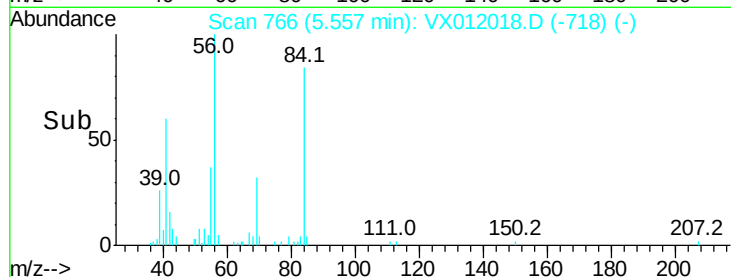
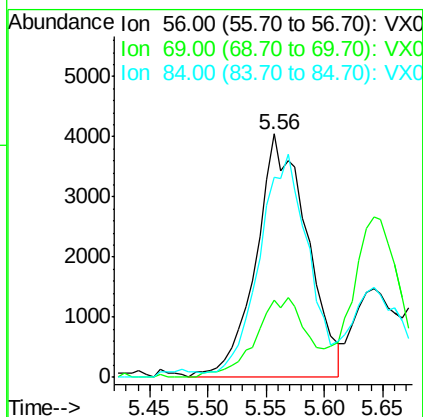
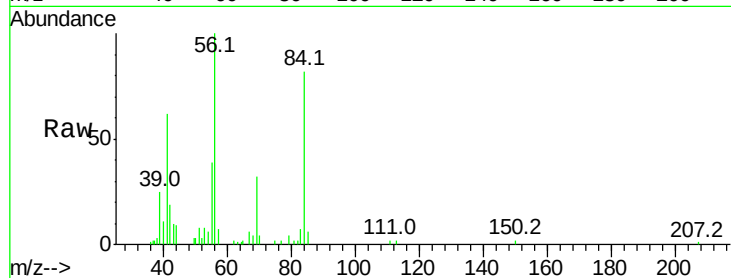




#31
Cyclohexane
Concen: 7.798 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

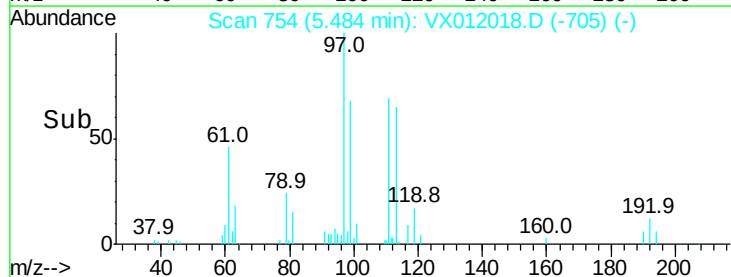
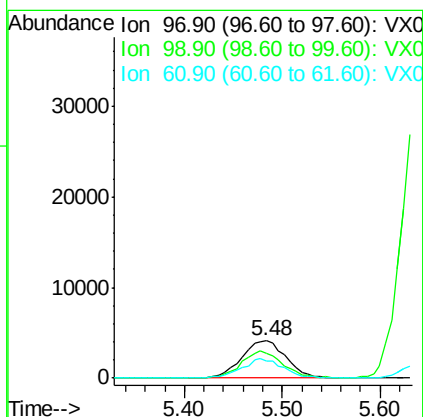
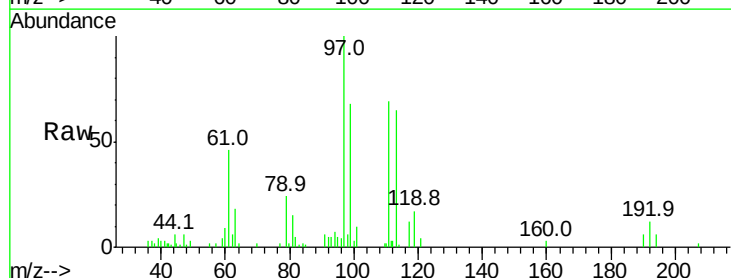
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

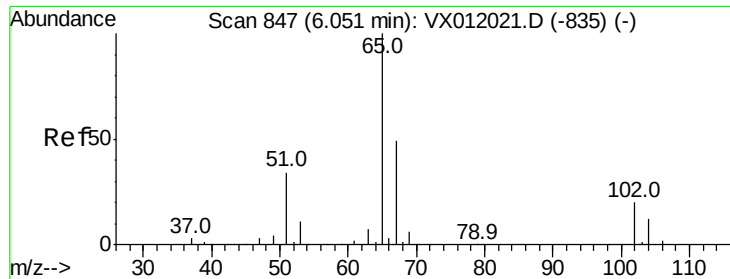
Tgt Ion: 56 Resp: 12338
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.6
84 79.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 6.710 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 97 Resp: 13013
Ion Ratio Lower Upper
97 100
99 68.4 51.4 77.0
61 47.5 35.6 53.4

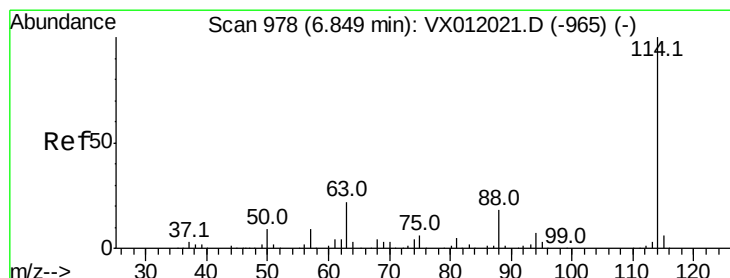
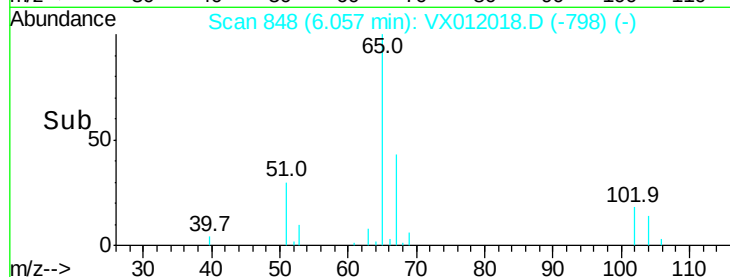
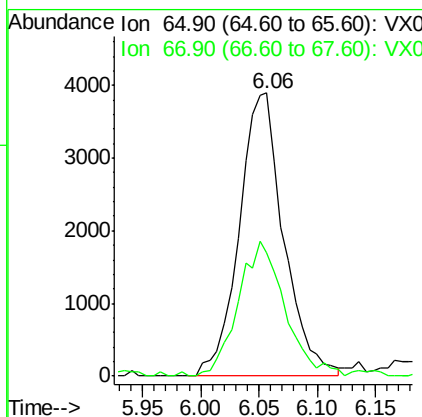
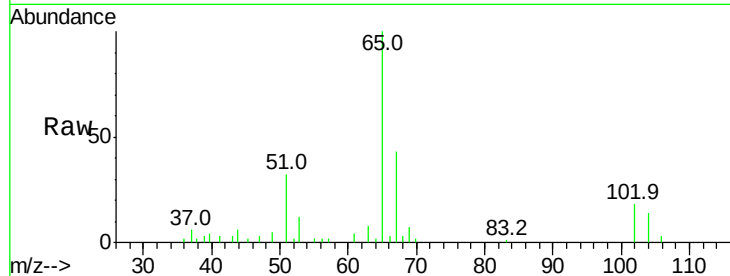




#33
 1,2-Dichloroethane-d4
 Concen: 7.953 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

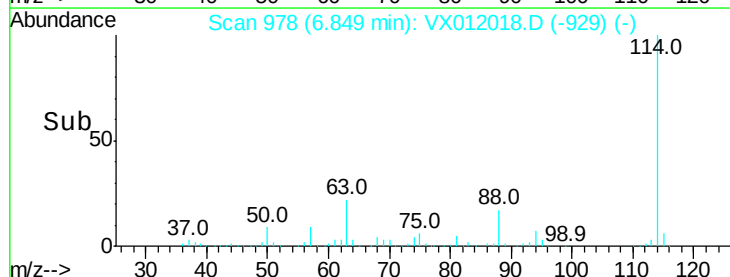
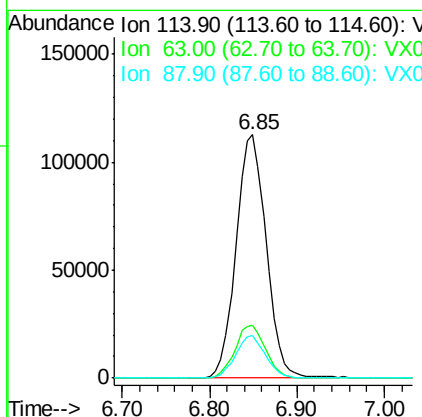
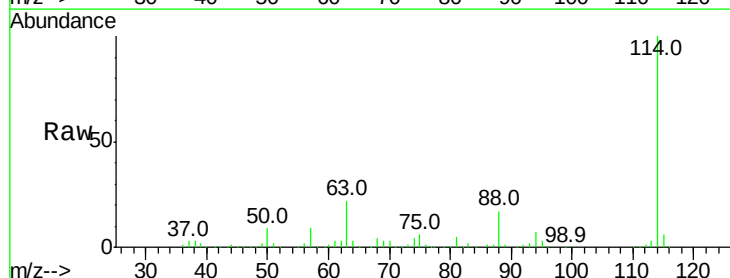
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

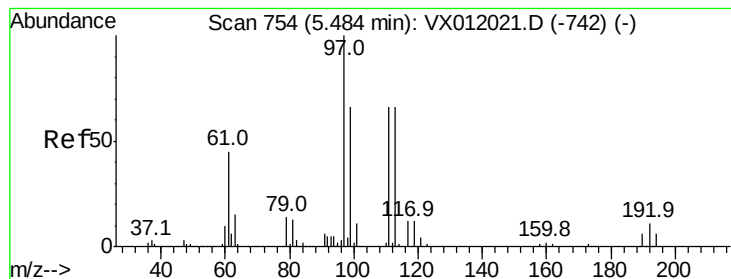
Tgt Ion: 65 Resp: 10332
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 114 Resp: 270093
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.8
 88 17.4 0.0 35.2





#35

Dibromofluoromethane

Concen: 4.411 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

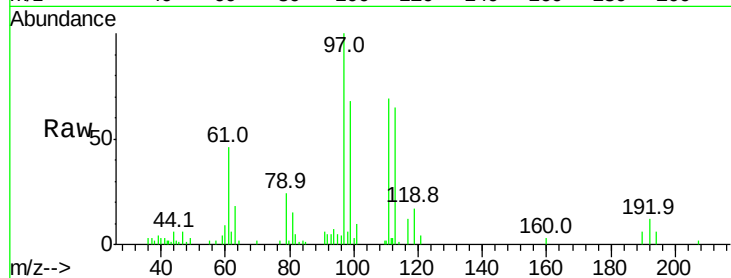
Tgt Ion: 113 Resp: 7812

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

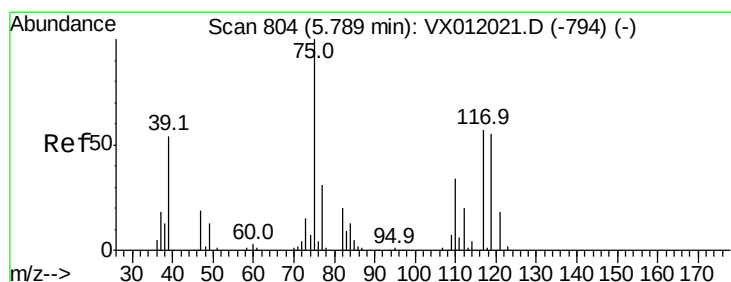
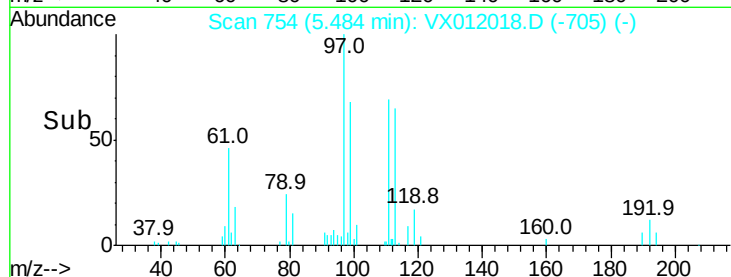
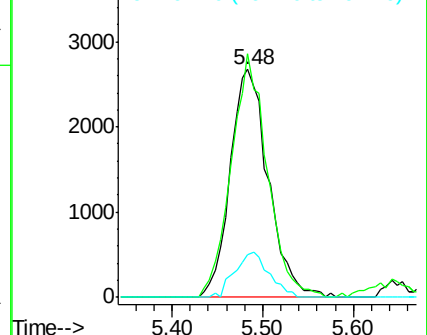
192 17.8 13.3 19.9



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: 5.410 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

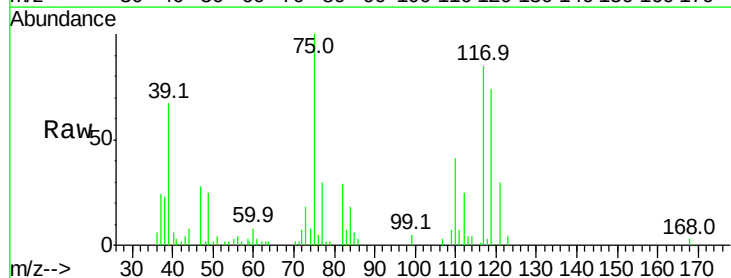
Tgt Ion: 75 Resp: 11181

Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.2

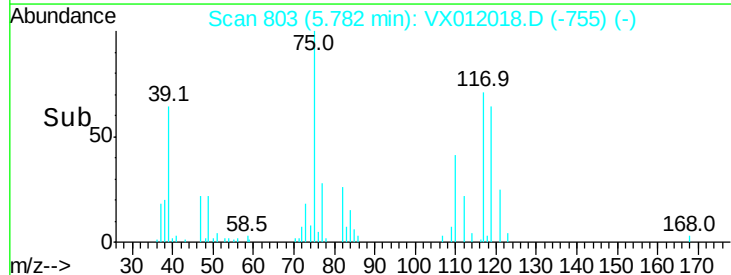
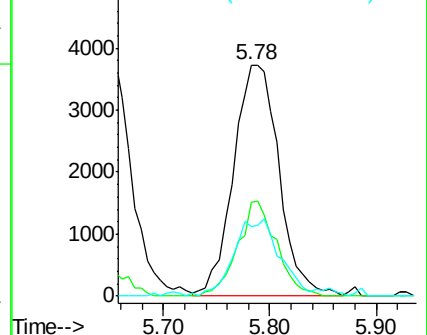
77 33.9 24.5 36.7

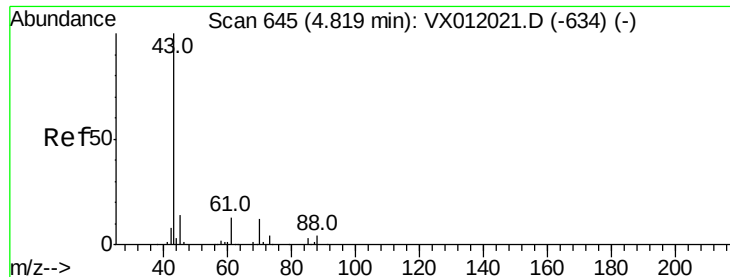


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

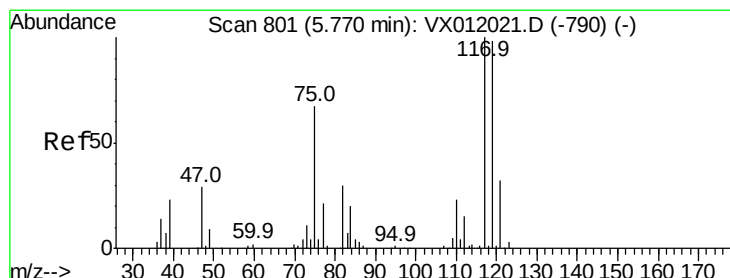
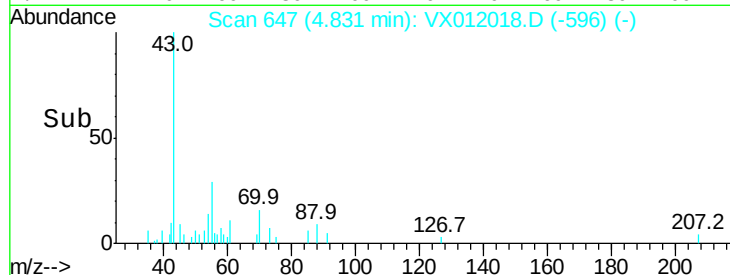
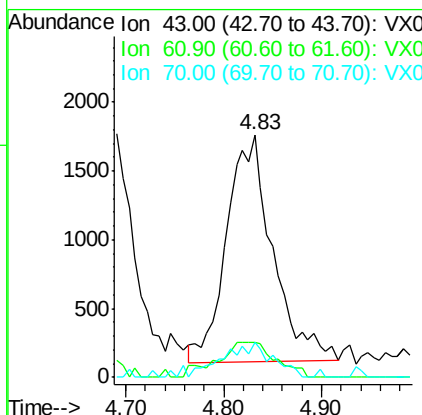
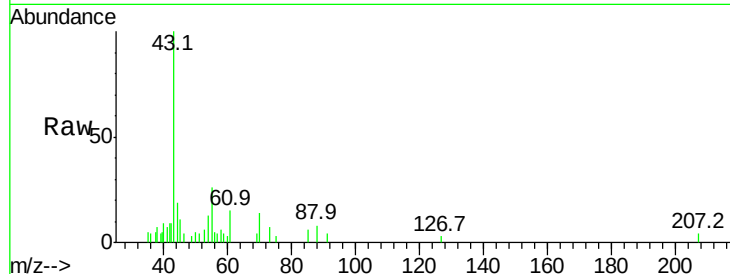




#37
Ethyl Acetate
Concen: 5.189 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

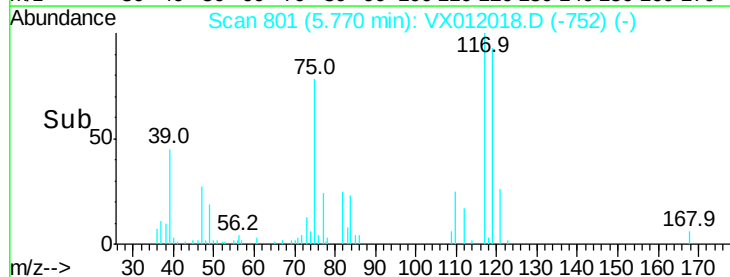
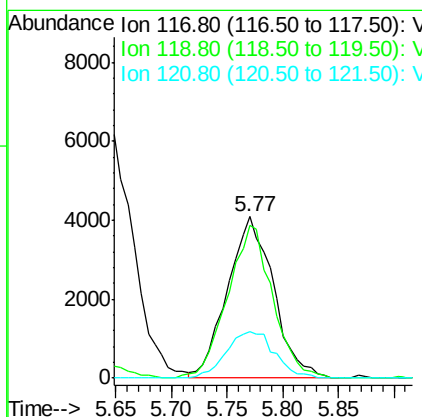
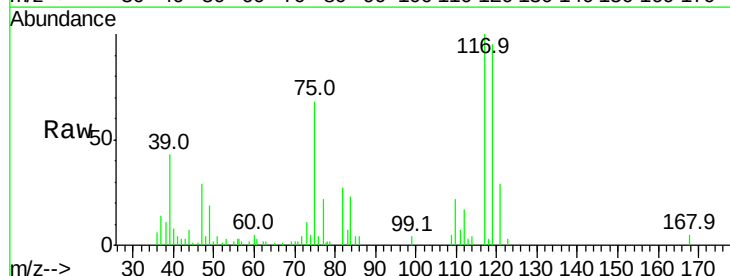
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

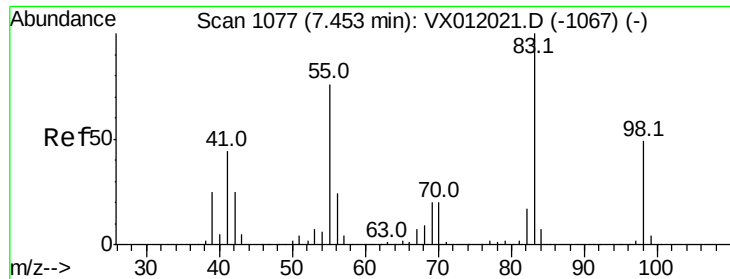
Tgt Ion: 43 Resp: 5368
Ion Ratio Lower Upper
43 100
61 17.4 10.7 16.1#
70 16.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.665 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 117 Resp: 11724
Ion Ratio Lower Upper
117 100
119 94.8 78.1 117.1
121 29.0 25.5 38.3

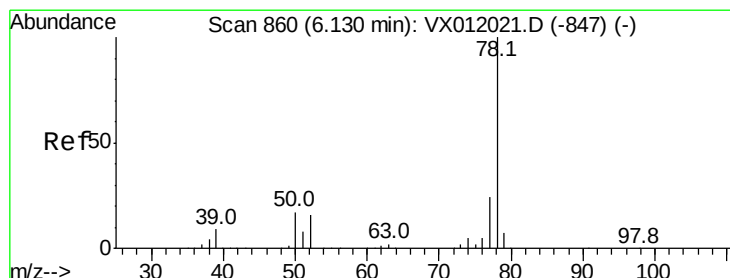
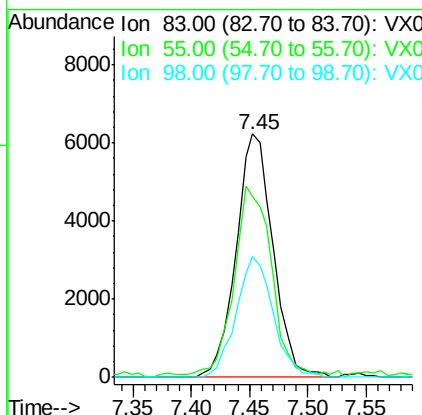
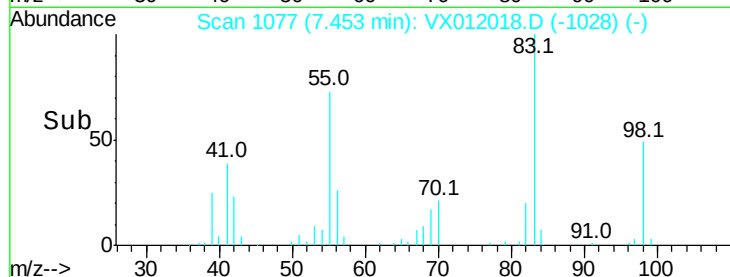
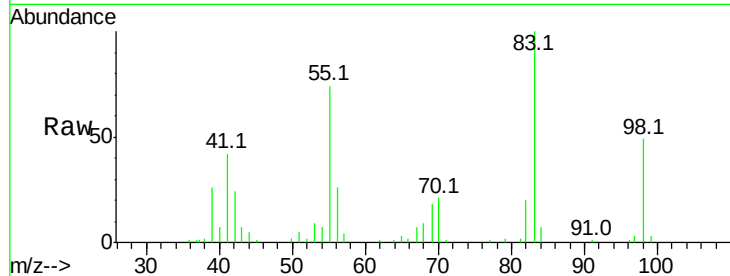




#39
Methylcyclohexane
Concen: 5.460 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

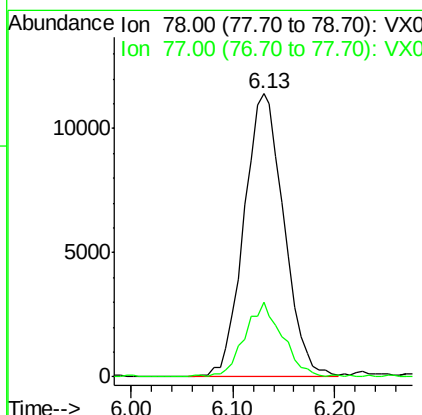
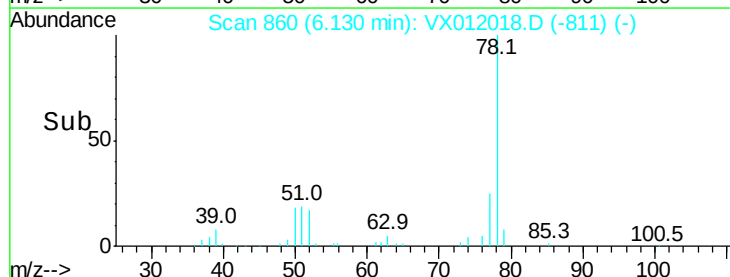
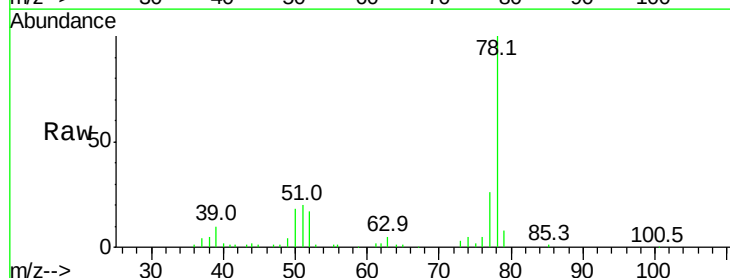
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

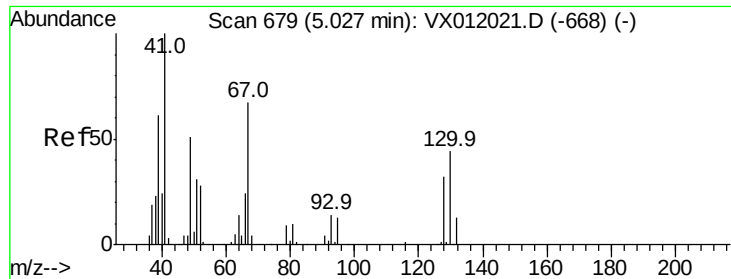
Tgt Ion: 83 Resp: 13702
Ion Ratio Lower Upper
83 100
55 73.3 60.7 91.1
98 49.4 39.0 58.6



#40
Benzene
Concen: 5.206 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 78 Resp: 31077
Ion Ratio Lower Upper
78 100
77 26.3 19.4 29.2

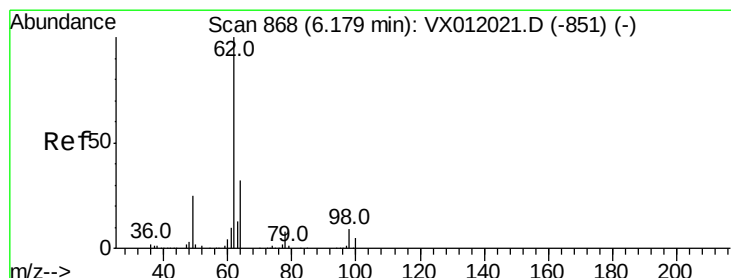
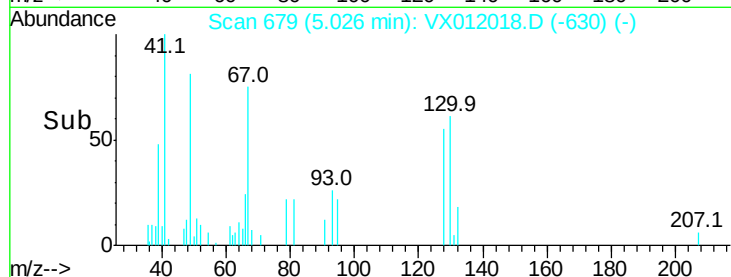
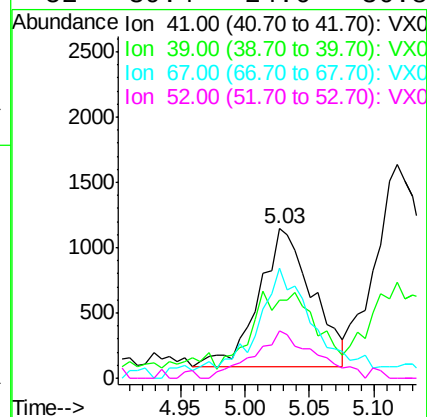
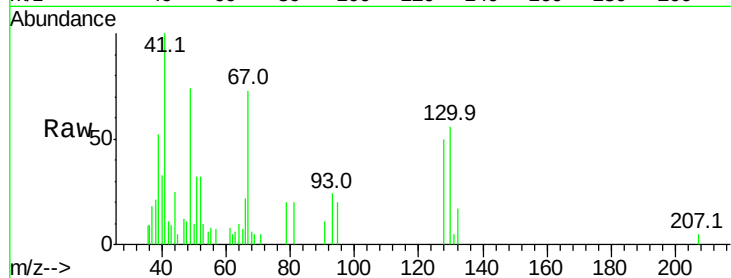




#41
Methacrylonitrile
Concen: 4.842 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

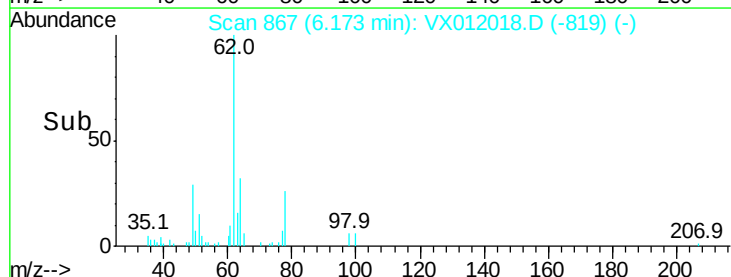
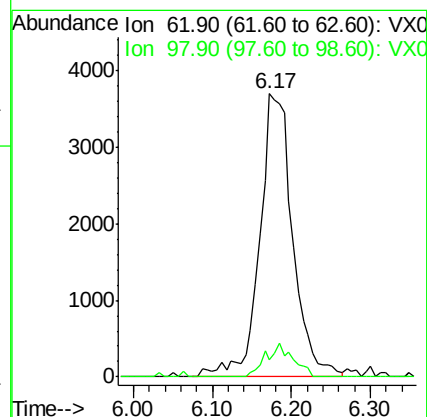
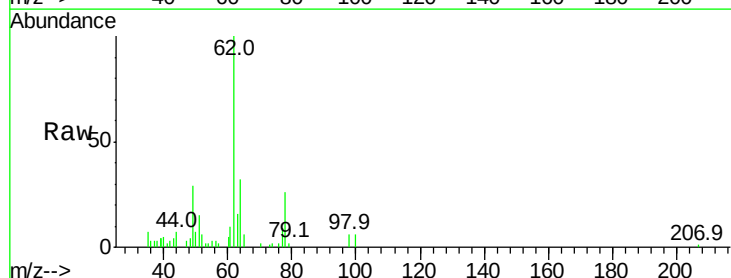
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

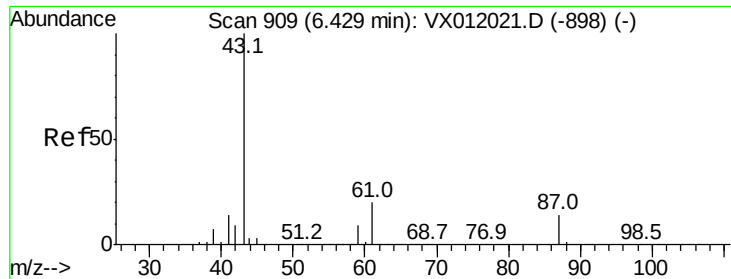
Tgt Ion: 41 Resp: 3019
Ion Ratio Lower Upper
41 100
39 24.3 47.2 70.8#
67 79.6 56.6 85.0
52 39.4 24.6 36.8#



#42
1,2-Dichloroethane
Concen: 5.344 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 62 Resp: 10806
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.8





#43

Isopropyl Acetate

Concen: 4.889 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

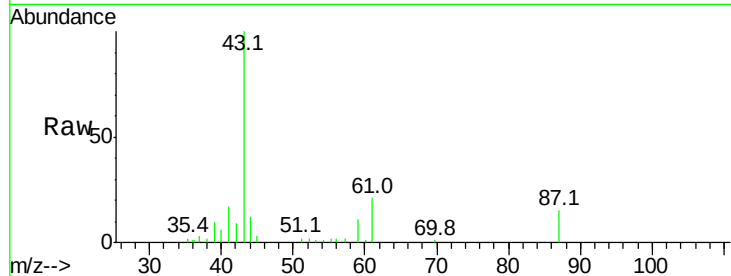
Tgt Ion: 43 Resp: 10455

Ion Ratio Lower Upper

43 100

61 22.0 16.2 24.4

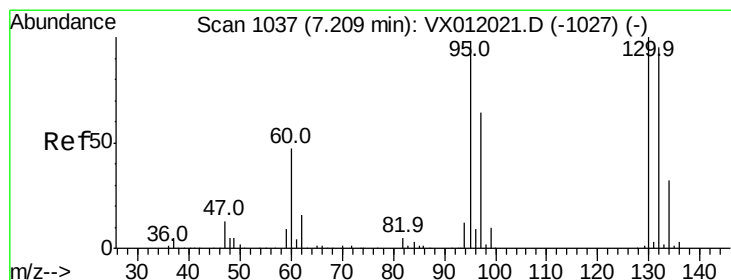
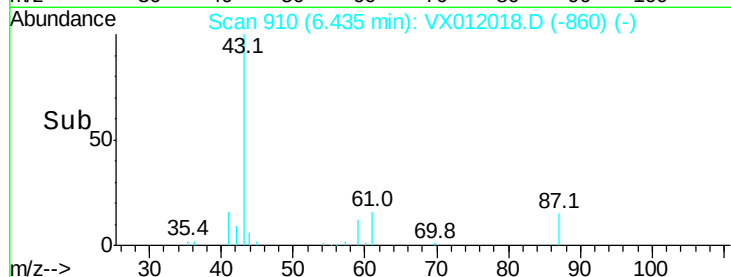
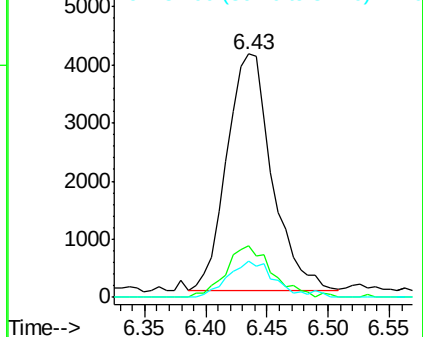
87 15.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.360 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012018.D

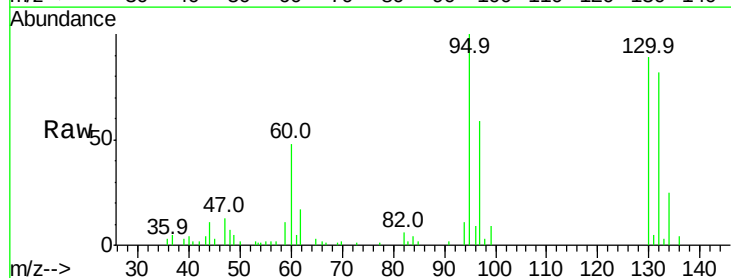
Acq: 03 Sep 2019 12:45

Tgt Ion: 130 Resp: 8643

Ion Ratio Lower Upper

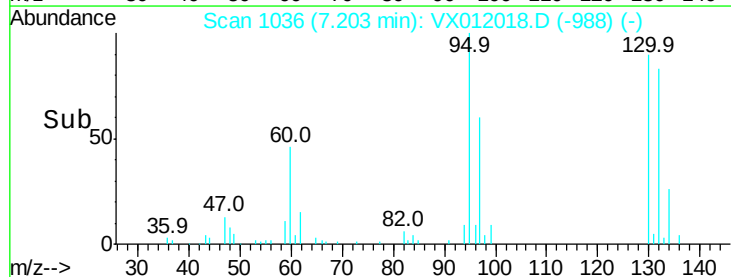
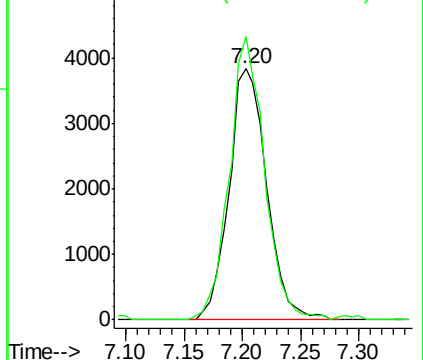
130 100

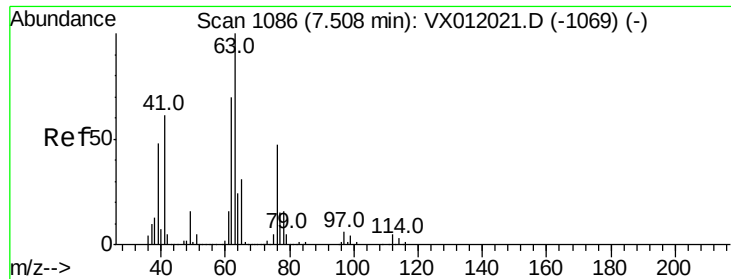
95 112.8 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

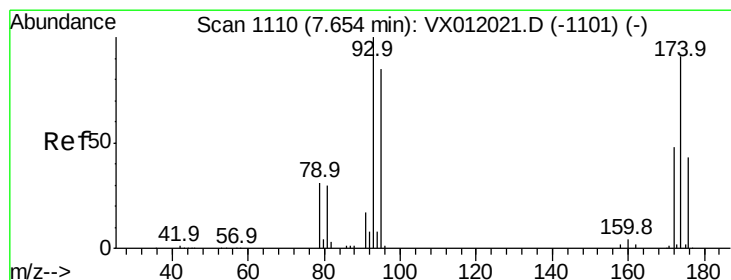
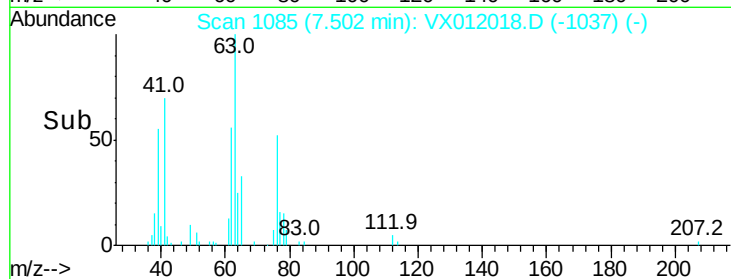
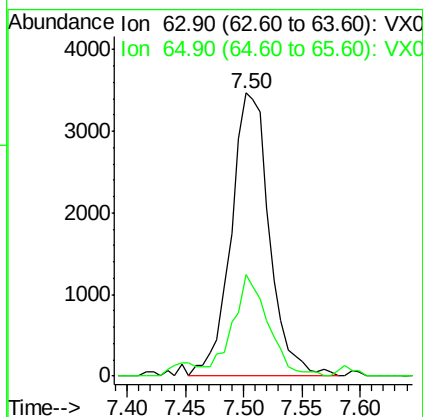
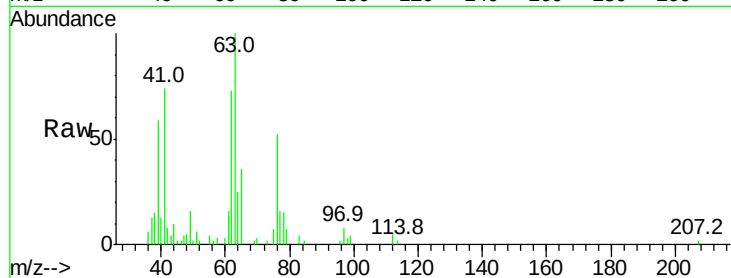




#45
 1,2-Dichloropropane
 Concen: 5.292 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

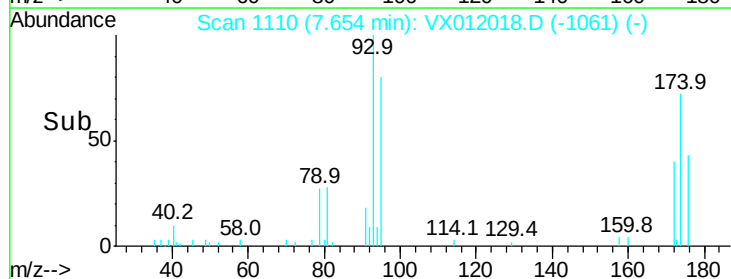
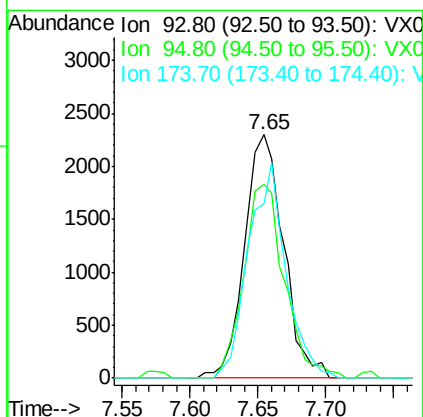
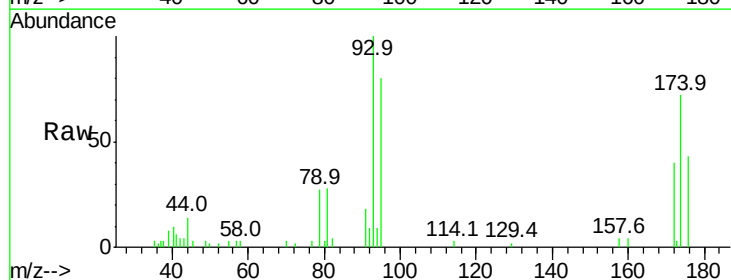
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

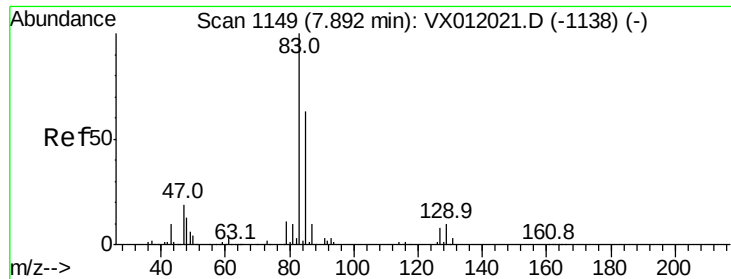
Tgt Ion: 63 Resp: 7948
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.6 37.0



#46
 Dibromomethane
 Concen: 5.136 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 93 Resp: 4624
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 85.1 70.5 105.7





#47

Bromodichloromethane

Concen: 5.073 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

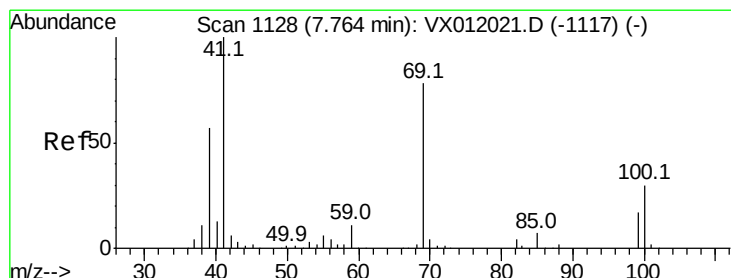
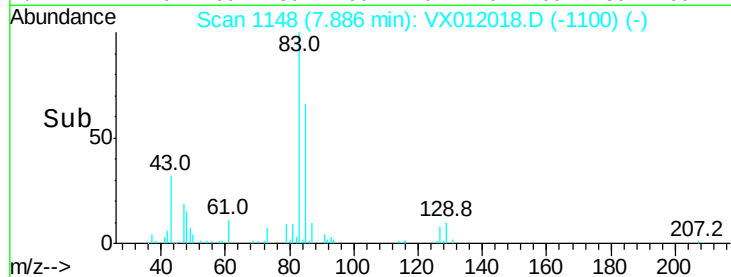
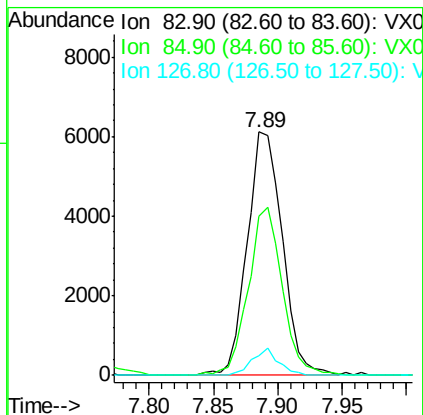
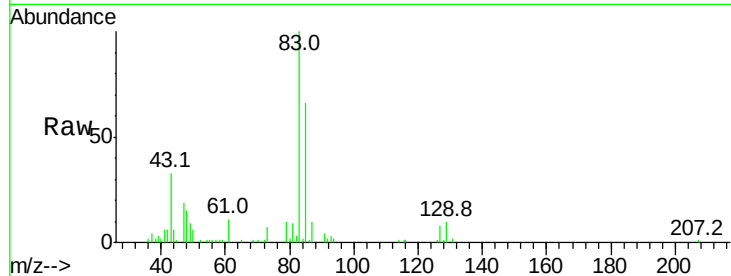
Tgt Ion: 83 Resp: 11529

Ion Ratio Lower Upper

83 100

85 65.5 50.2 75.4

127 7.9 6.1 9.1



#48

Methyl methacrylate

Concen: 5.243 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

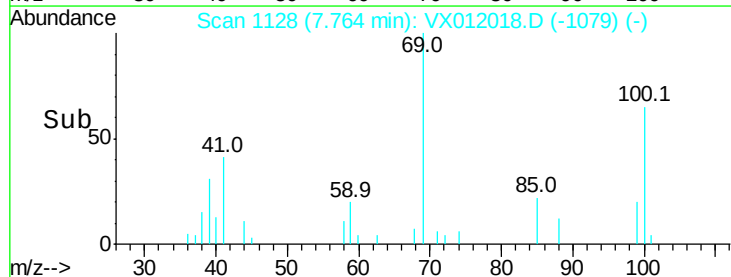
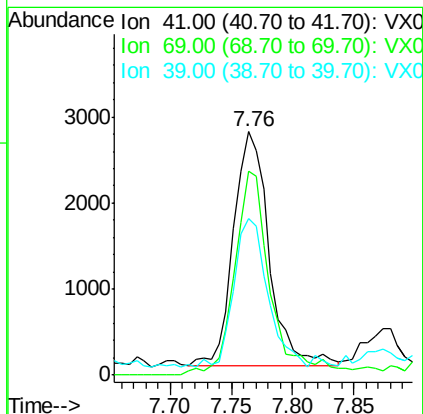
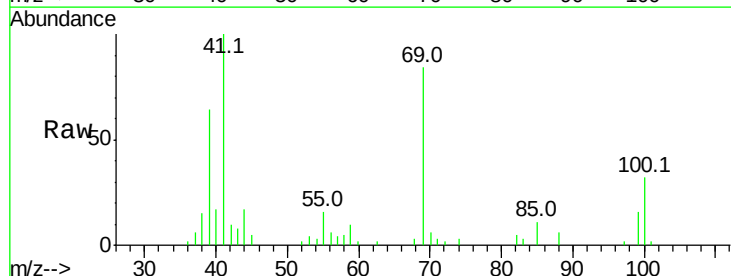
Tgt Ion: 41 Resp: 5529

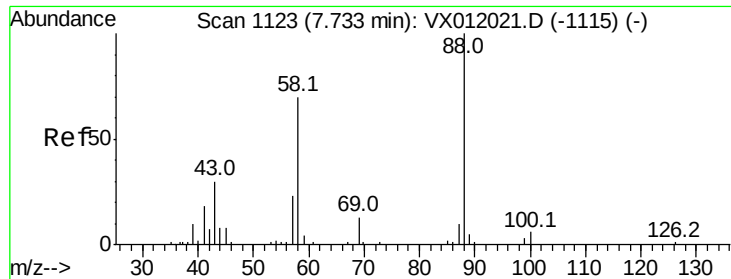
Ion Ratio Lower Upper

41 100

69 87.2 63.9 95.9

39 59.6 48.4 72.6

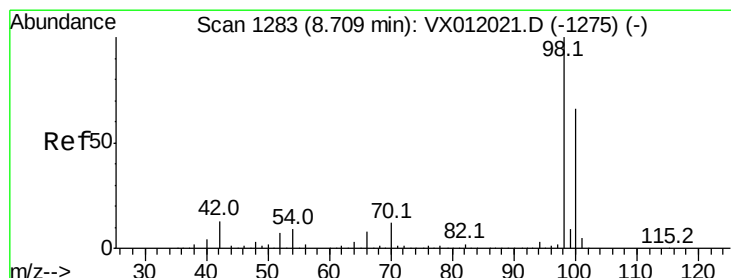
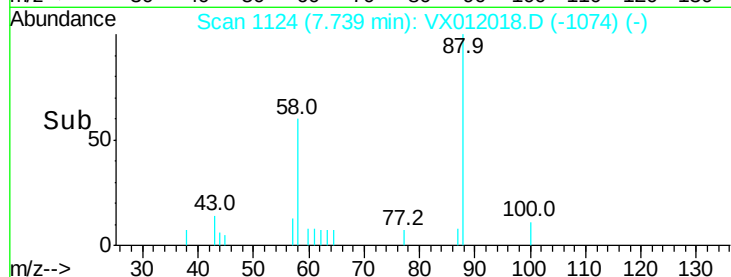
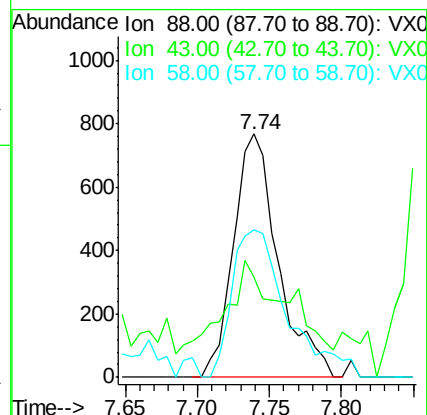
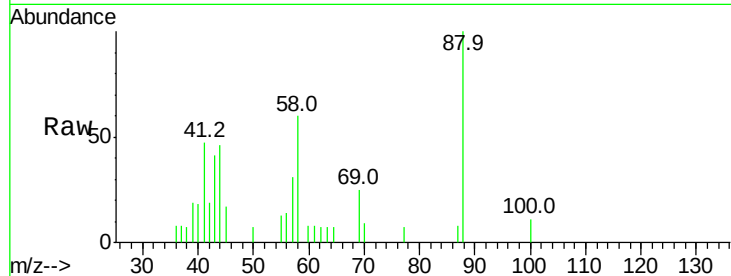




#49
1,4-Dioxane
Concen: 111.870 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

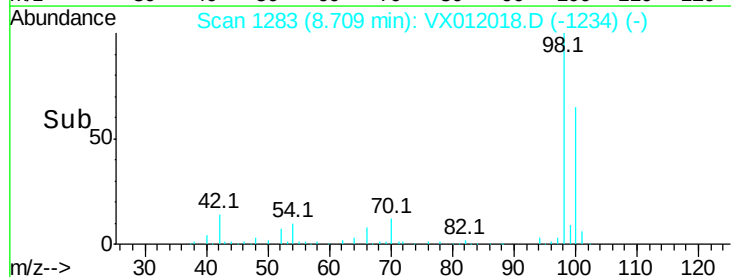
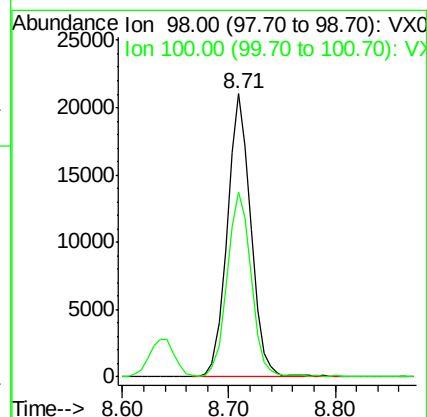
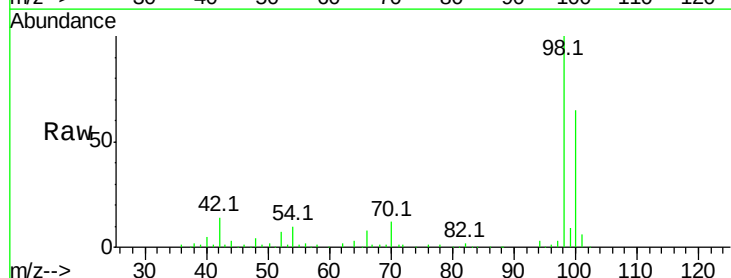
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

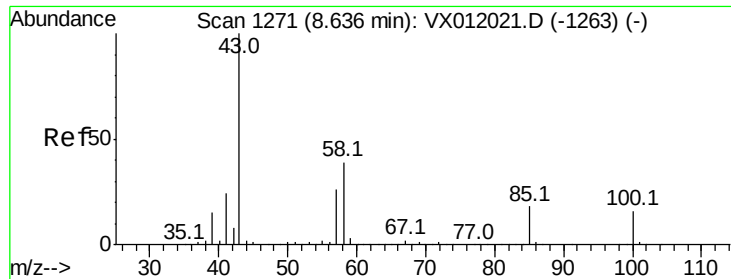
Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
43 29.3 28.8 43.2
58 75.0 59.9 89.9



#50
Toluene-d8
Concen: 5.223 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 98 Resp: 32583
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

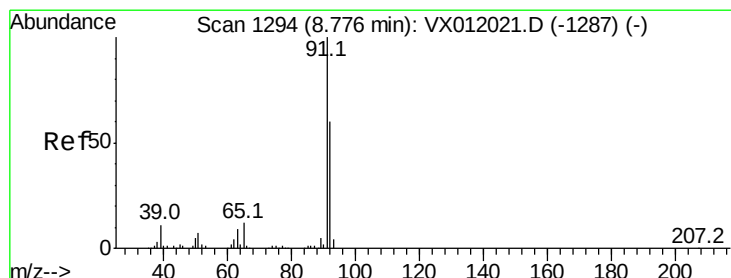
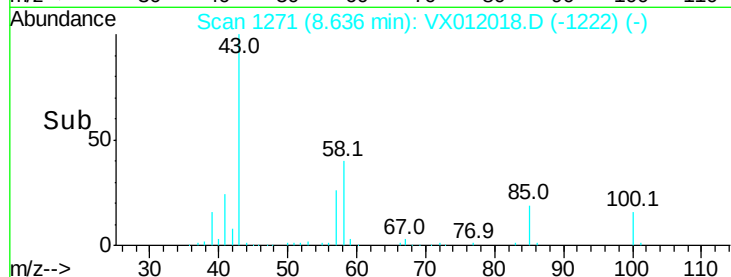
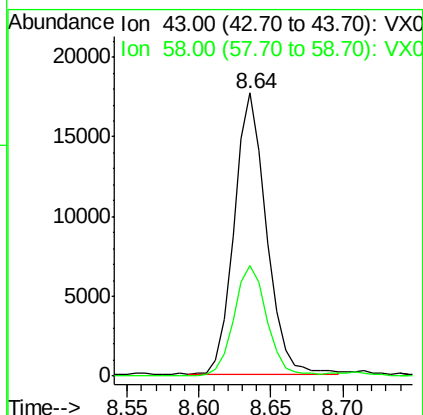
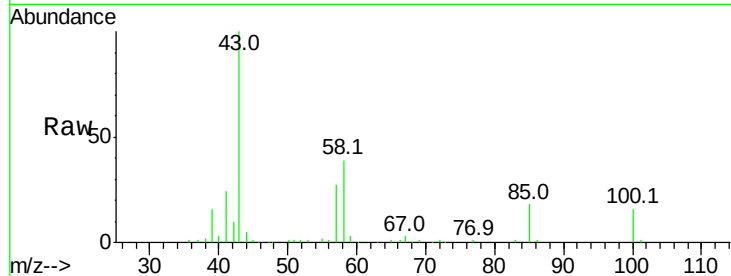




#51
4-Methyl-2-Pentanone
Concen: 25.653 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

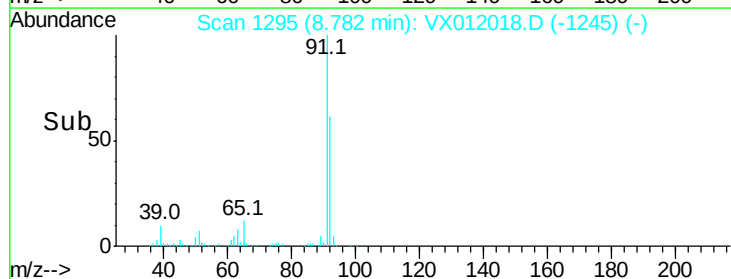
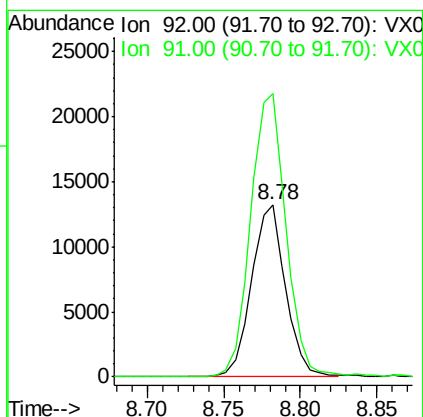
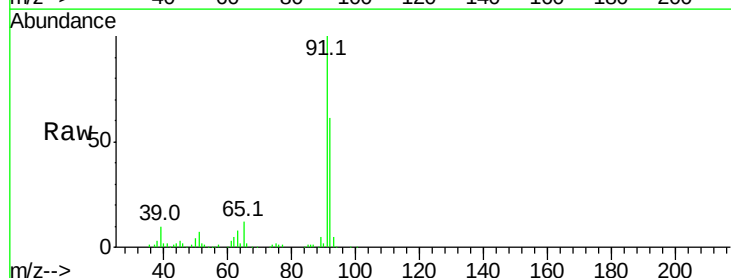
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

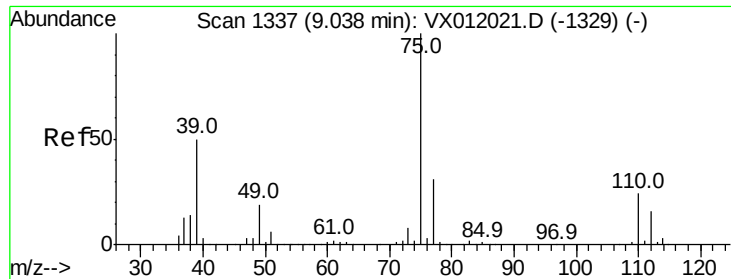
Tgt Ion: 43 Resp: 27571
Ion Ratio Lower Upper
43 100
58 40.1 31.3 46.9



#52
Toluene
Concen: 5.077 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 92 Resp: 20535
Ion Ratio Lower Upper
92 100
91 171.2 135.4 203.2





#53

t-1,3-Dichloropropene

Concen: 5.121 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

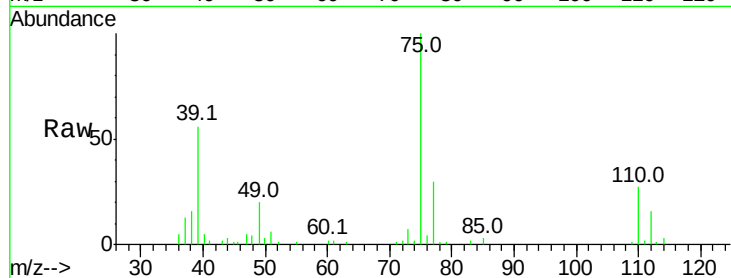
VSTDIC005

Tgt Ion: 75 Resp: 11782

Ion Ratio Lower Upper

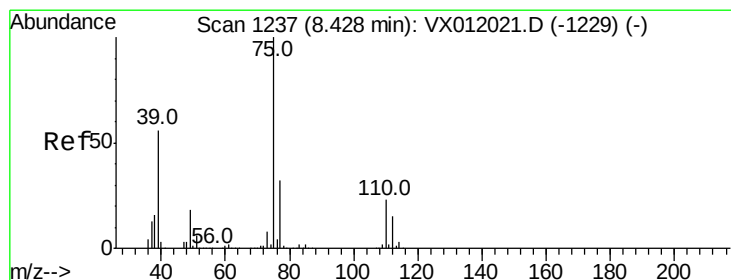
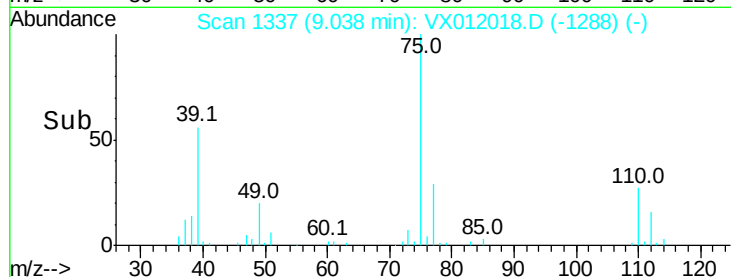
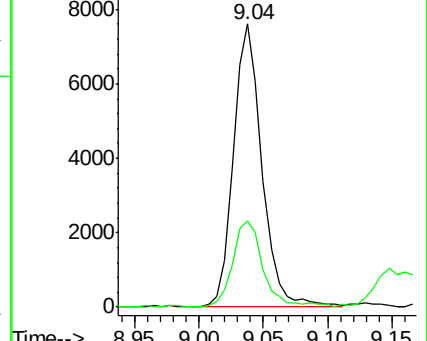
75 100

77 30.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.157 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

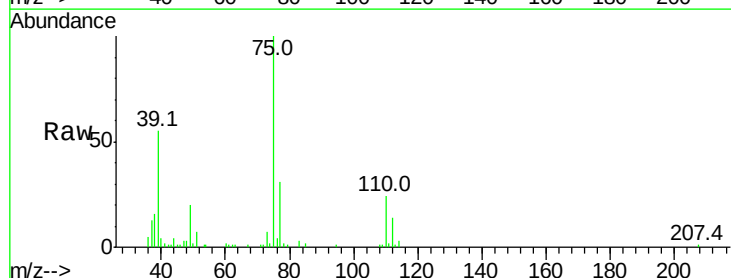
Tgt Ion: 75 Resp: 13354

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

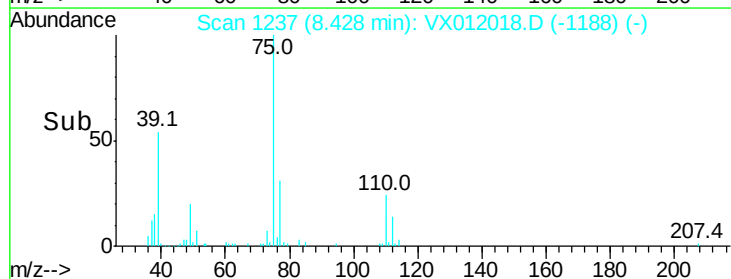
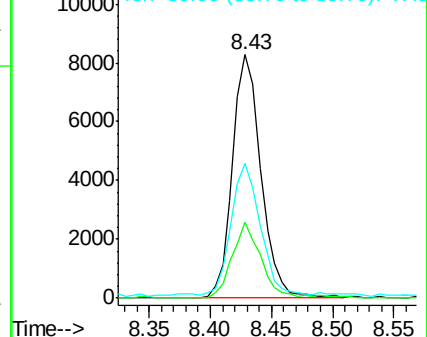
39 53.6 44.7 67.1

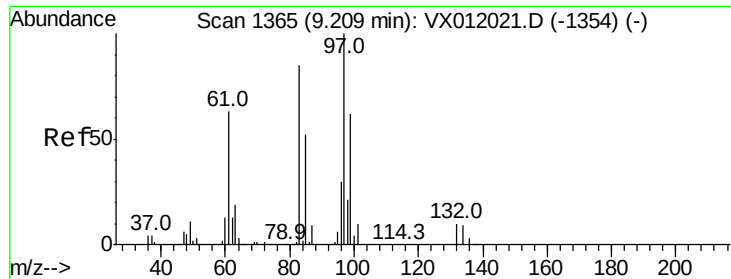


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 4.990 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6559

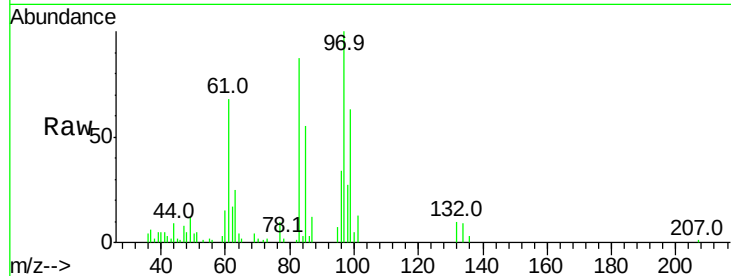
Ion Ratio Lower Upper

97 100

83 86.8 68.1 102.1

85 54.7 41.4 62.2

99 63.3 49.8 74.6

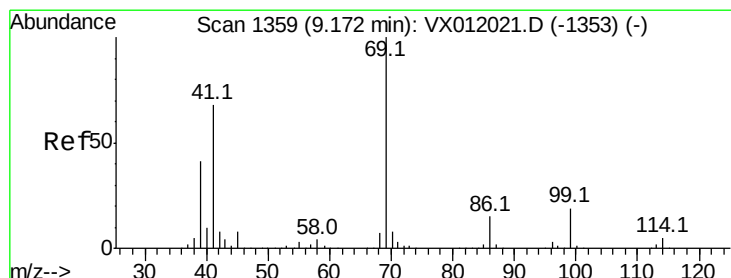
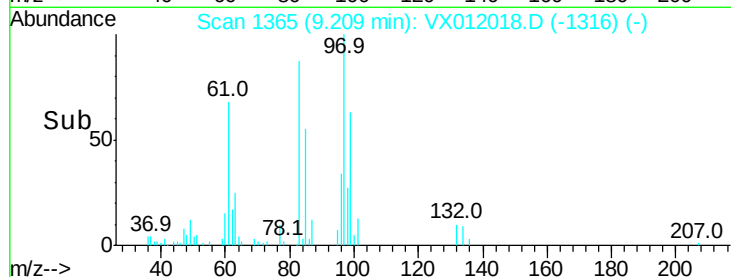
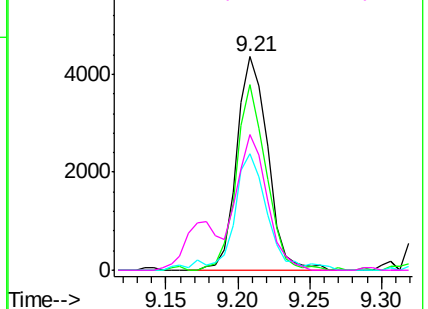


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 5.048 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

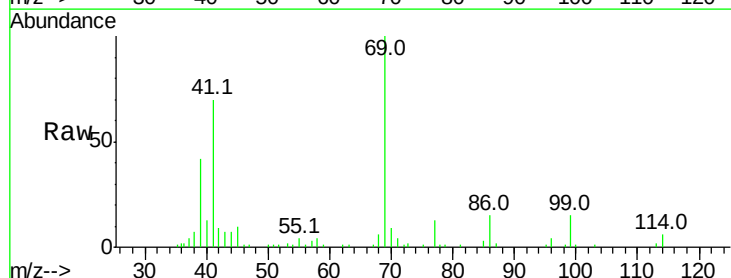
Tgt Ion: 69 Resp: 8811

Ion Ratio Lower Upper

69 100

41 72.6 55.4 83.2

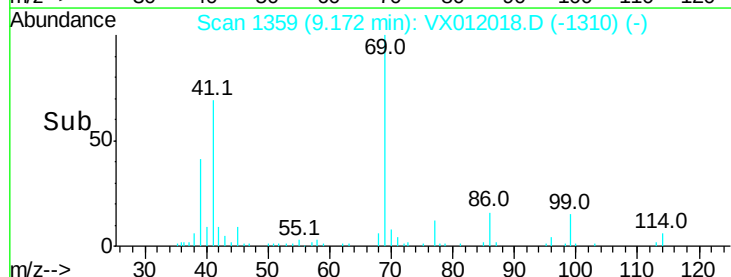
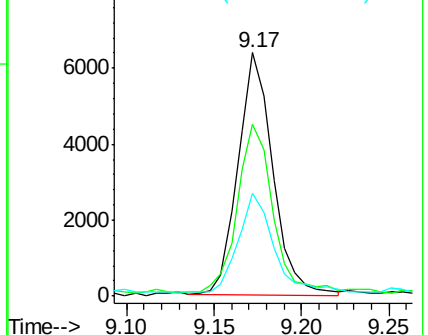
39 42.1 33.3 49.9

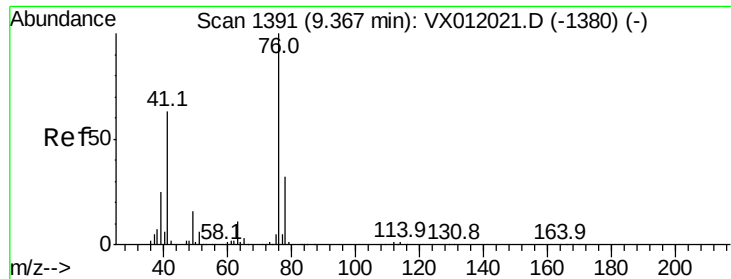


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

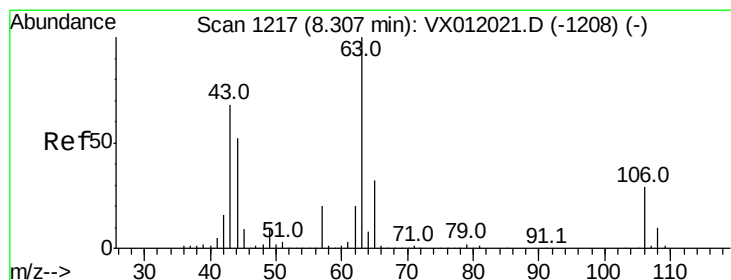
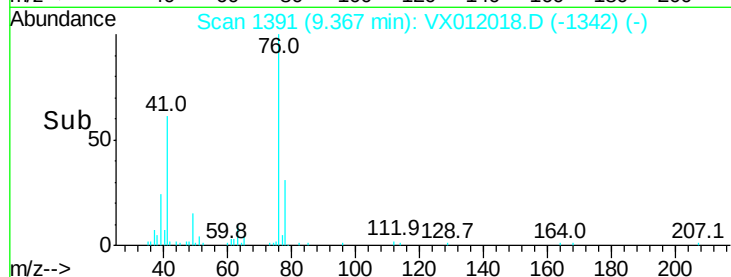
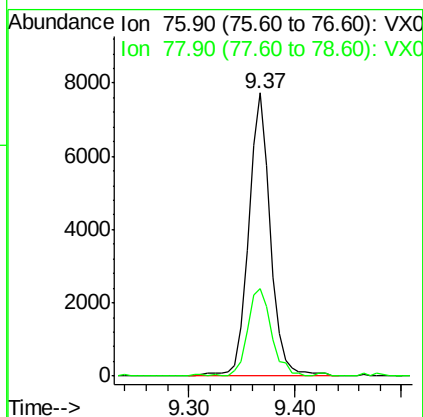
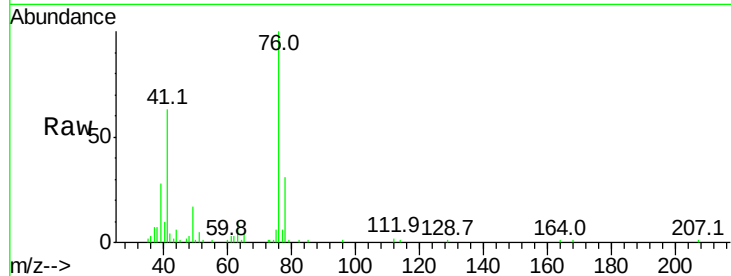




#57
 1,3-Dichloropropane
 Concen: 5.135 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

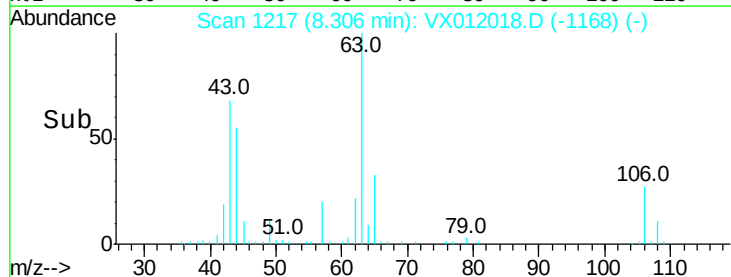
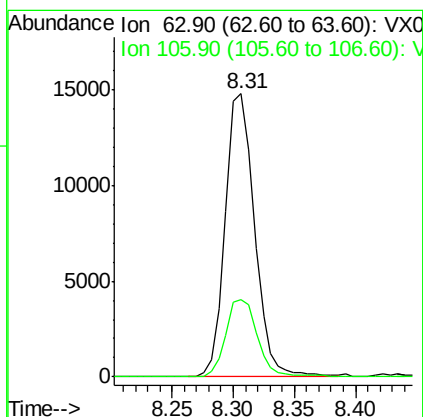
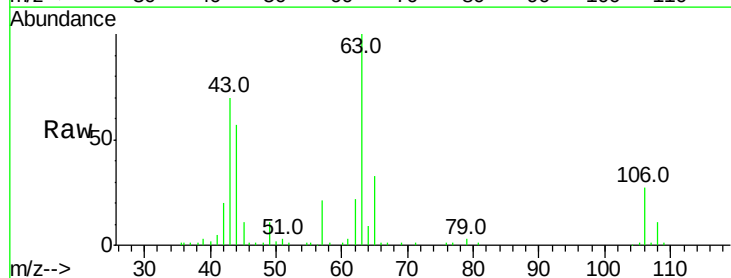
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

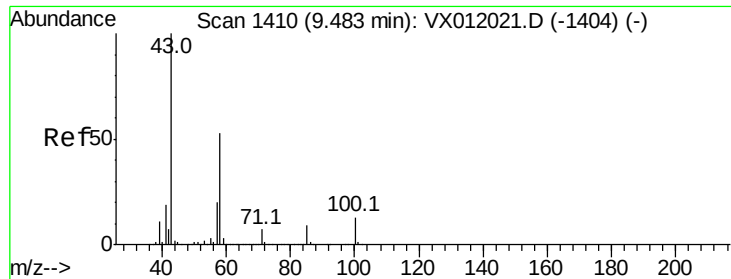
Tgt Ion: 76 Resp: 11084
 Ion Ratio Lower Upper
 76 100
 78 33.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 31.110 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012018.D
 Acq: 03 Sep 2019 12:45

Tgt Ion: 63 Resp: 24676
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.3 34.9

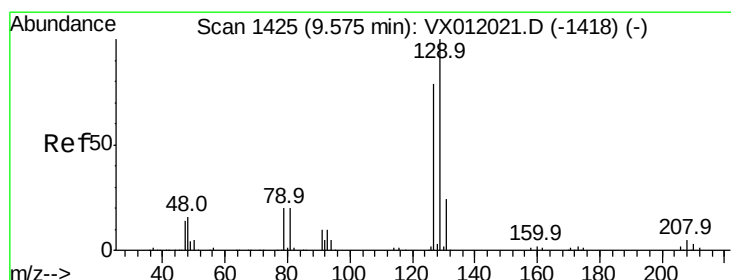
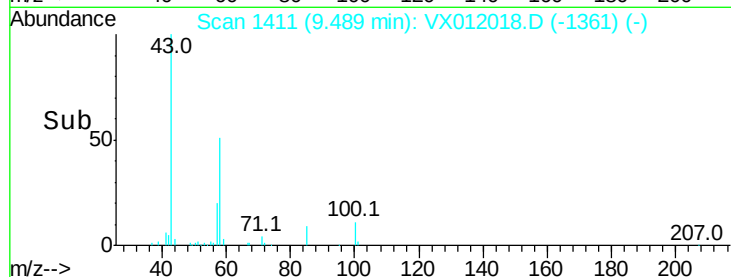
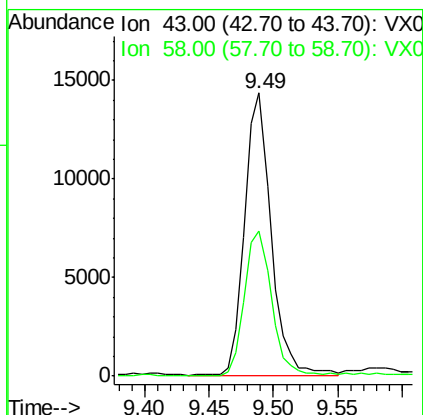
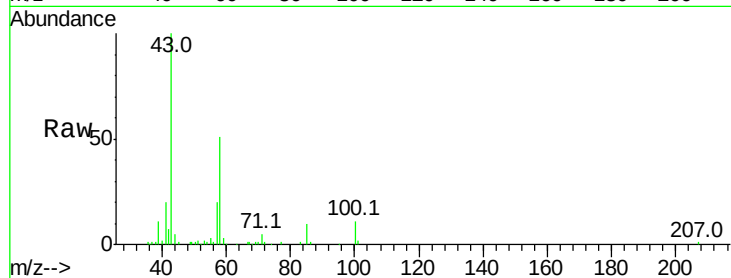




#59
2-Hexanone
Concen: 27.032 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

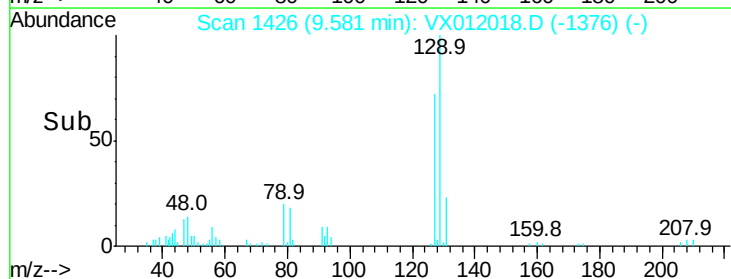
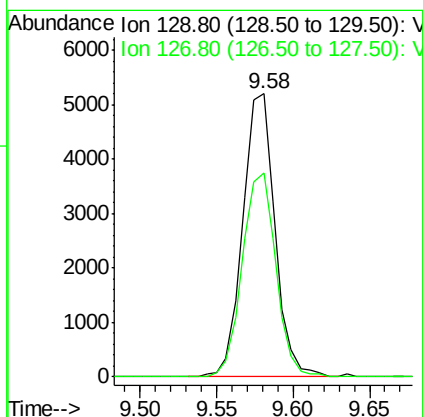
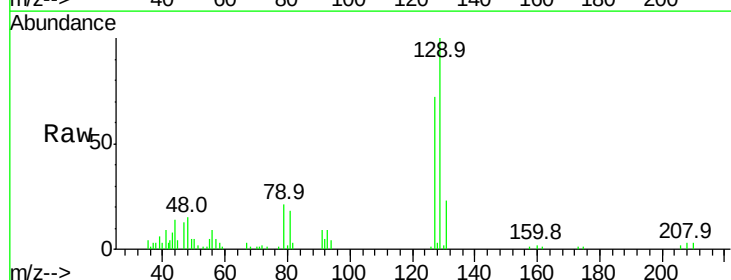
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

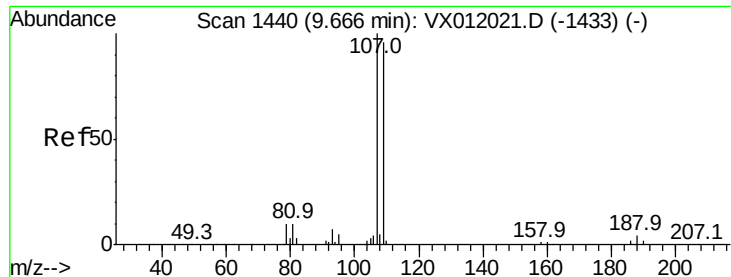
Tgt Ion: 43 Resp: 20682
Ion Ratio Lower Upper
43 100
58 52.3 27.3 81.8



#60
Dibromochloromethane
Concen: 4.160 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion: 129 Resp: 7600
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.689 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

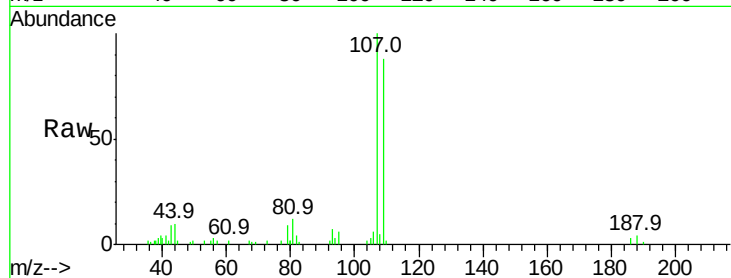
VSTDIC005

Tgt Ion: 107 Resp: 6139

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

4000

3000

2000

1000

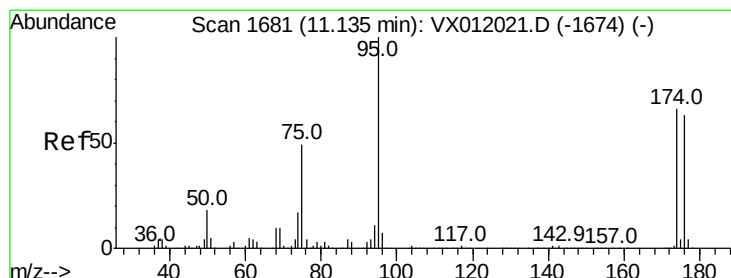
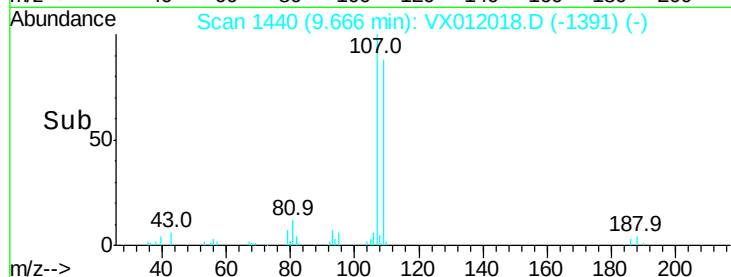
0

Time-->

9.60

9.65

9.70



#62

4-Bromofluorobenzene

Concen: 5.509 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

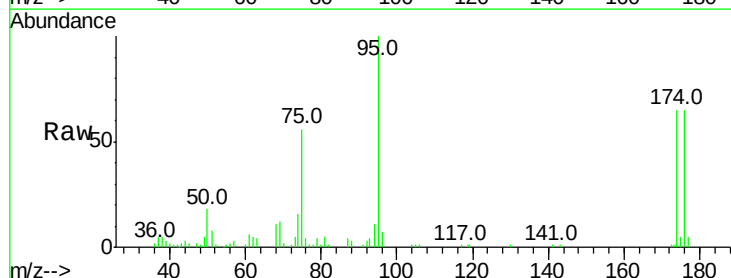
Tgt Ion: 95 Resp: 14860

Ion Ratio Lower Upper

95 100

174 61.5 0.0 125.2

176 58.0 0.0 119.0



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

11.14

15000

10000

5000

0

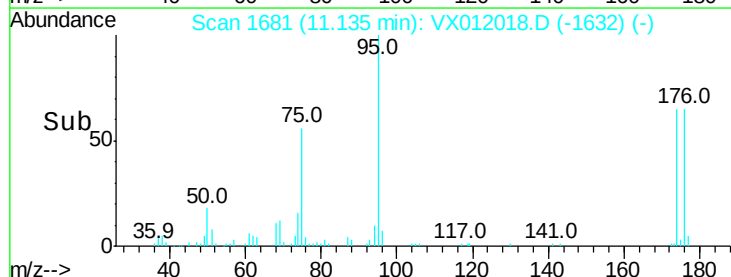
Time-->

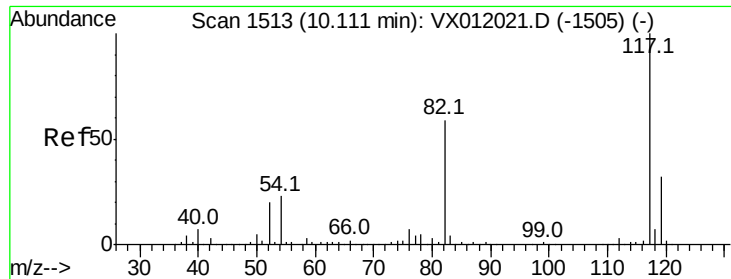
11.05

11.10

11.15

11.20

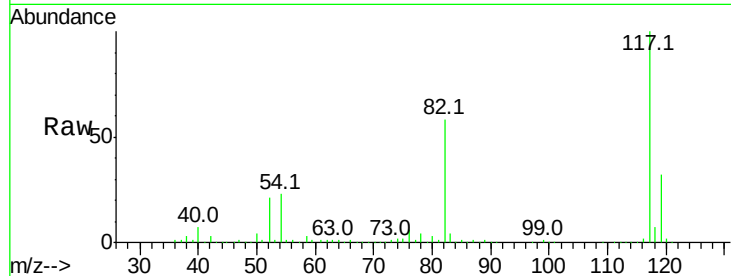




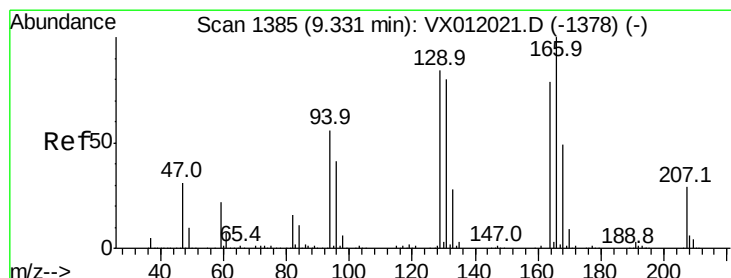
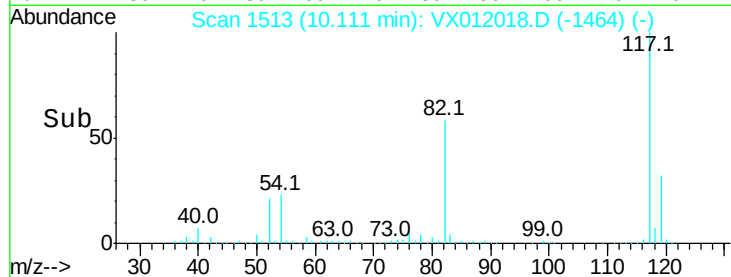
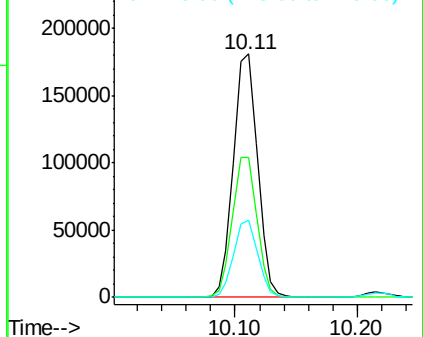
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 248108
Ion Ratio Lower Upper
117 100
82 57.6 47.0 70.4
119 31.9 25.4 38.0



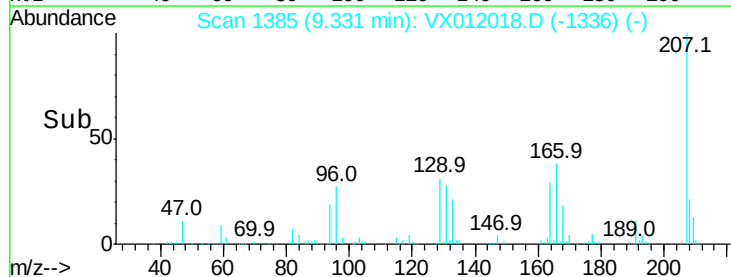
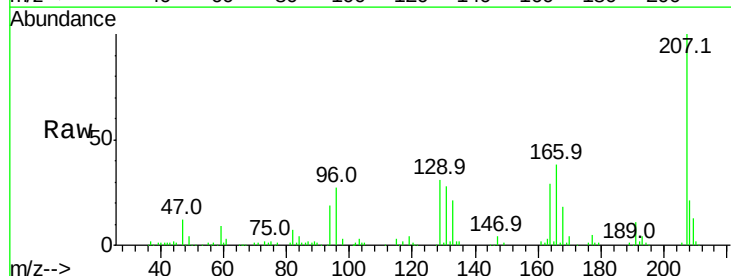
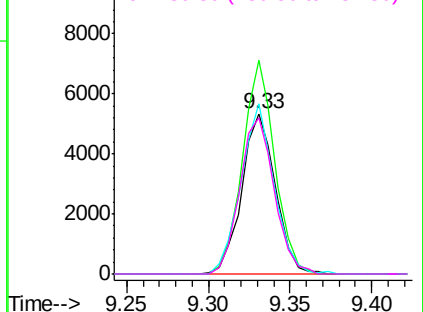
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

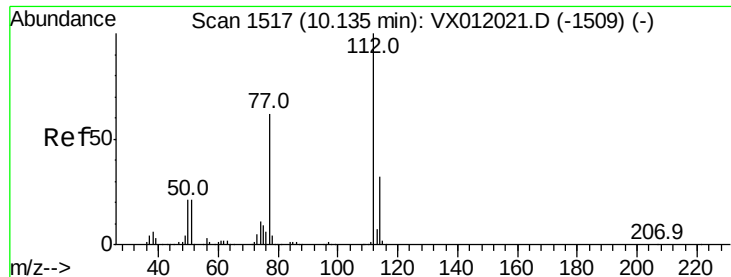


#64
Tetrachloroethene
Concen: 3.764 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion:164 Resp: 7685
Ion Ratio Lower Upper
164 100
166 133.5 100.9 151.3
129 106.6 85.1 127.7
131 97.7 81.1 121.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

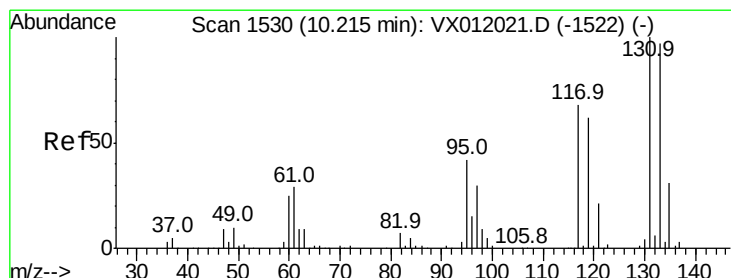
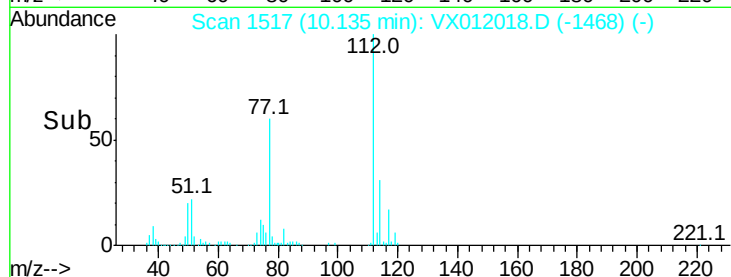
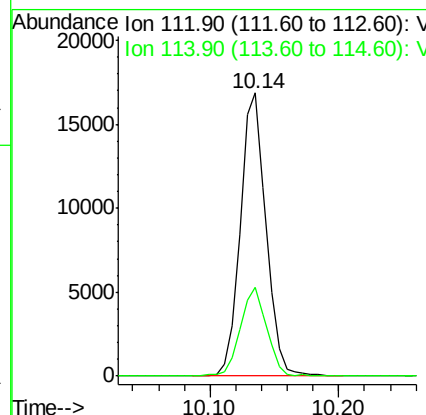
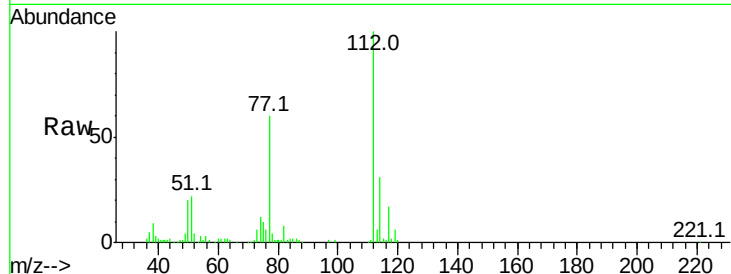




#65
Chlorobenzene
Concen: 4.979 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

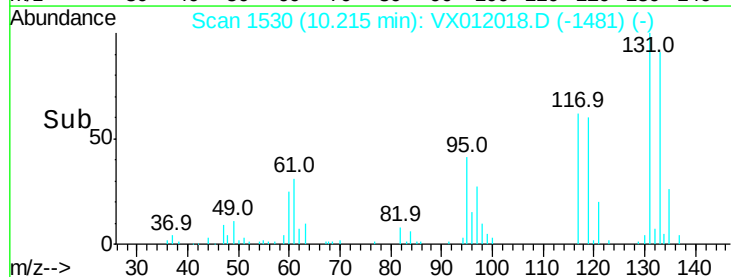
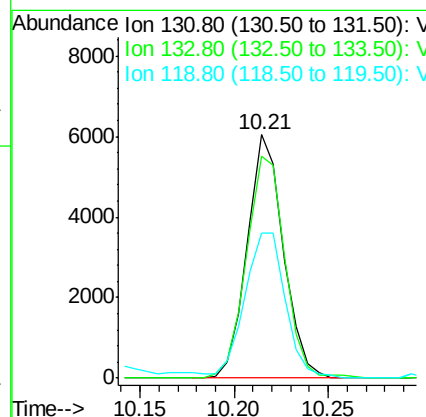
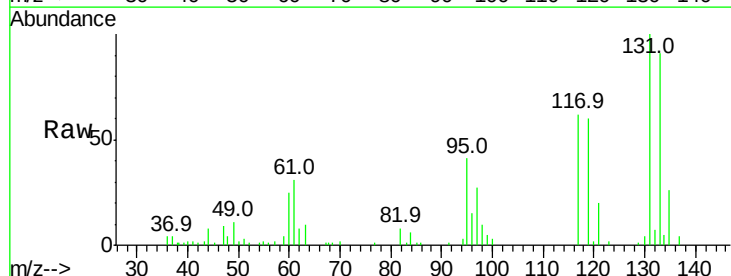
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

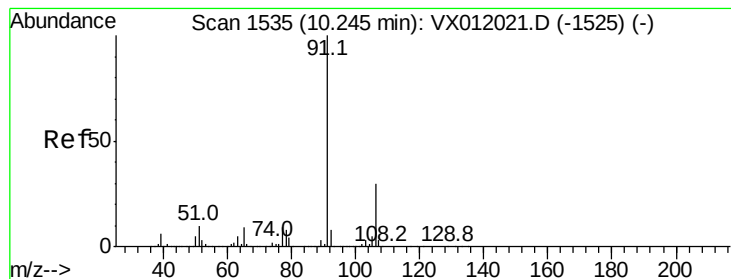
Tgt Ion:112 Resp: 23318
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.285 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion:131 Resp: 8054
Ion Ratio Lower Upper
131 100
133 96.5 48.6 145.8
119 67.2 32.5 97.4





#67

Ethyl Benzene

Concen: 5.407 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

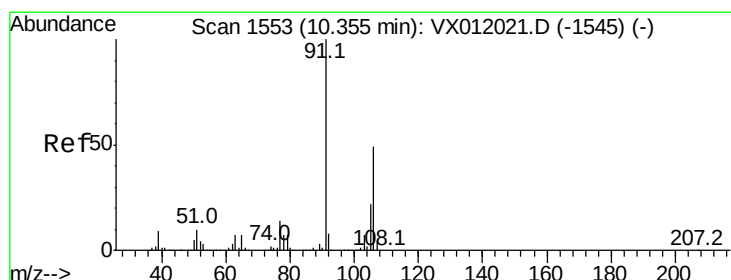
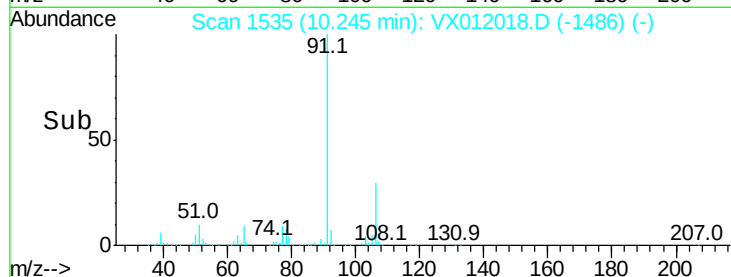
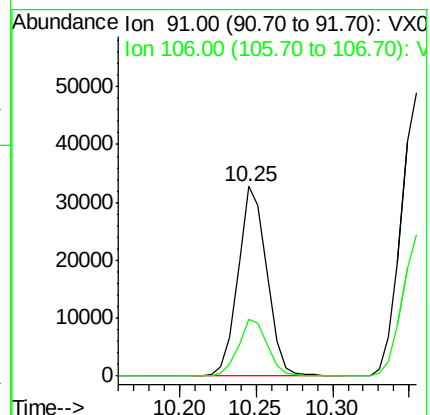
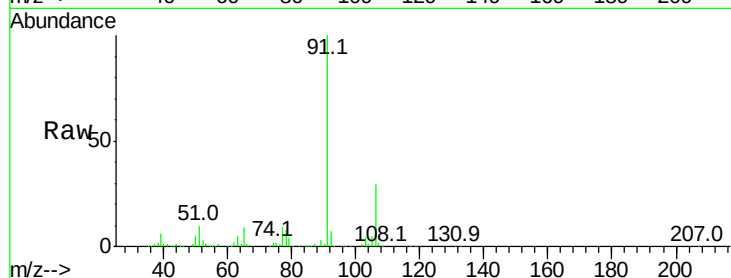
VSTDIC005

Tgt Ion: 91 Resp: 42784

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 10.231 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012018.D

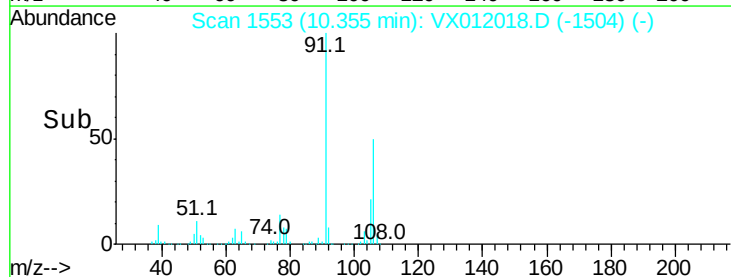
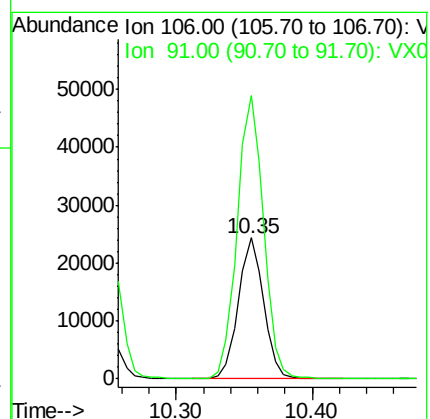
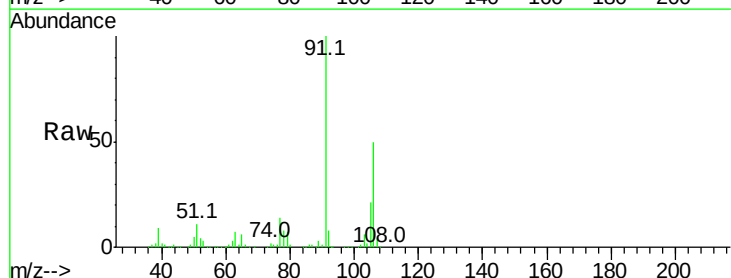
Acq: 03 Sep 2019 12:45

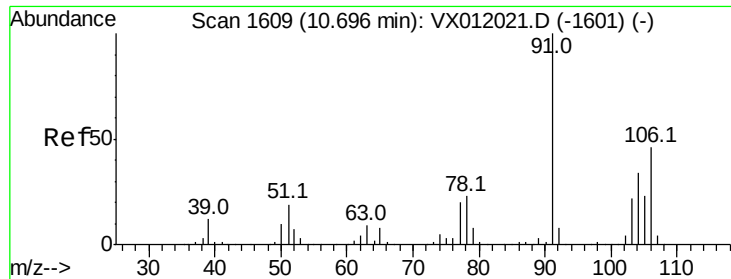
Tgt Ion:106 Resp: 31787

Ion Ratio Lower Upper

106 100

91 206.3 166.9 250.3

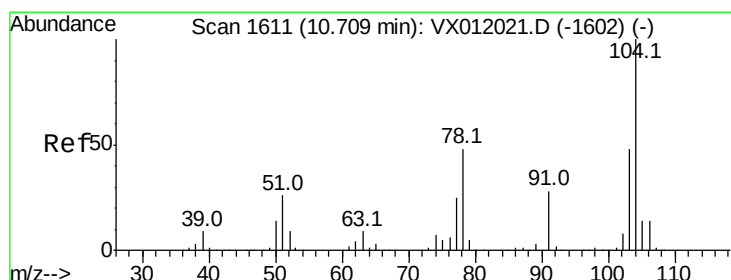
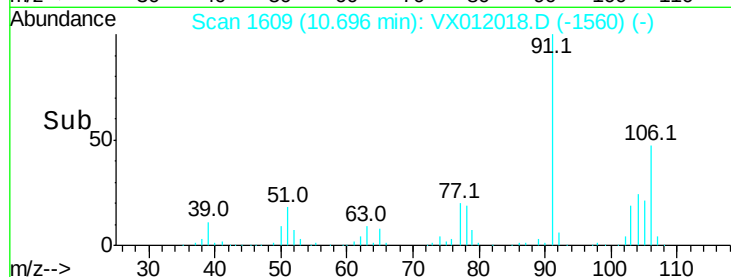
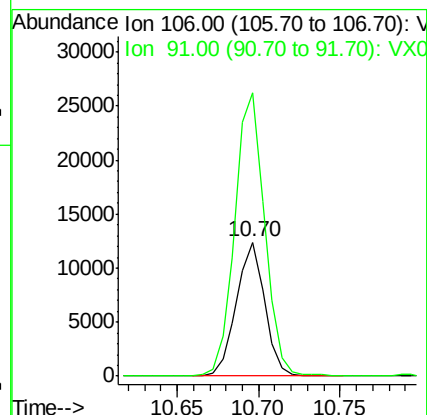
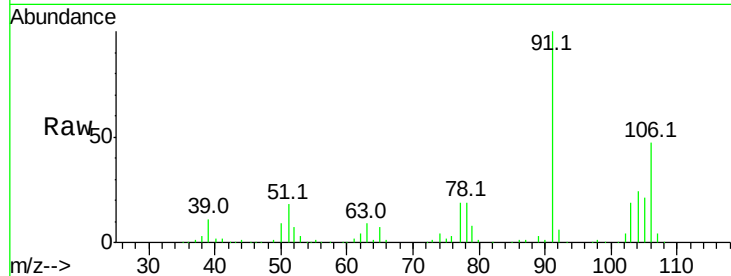




#69
o-Xylene
Concen: 4.990 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

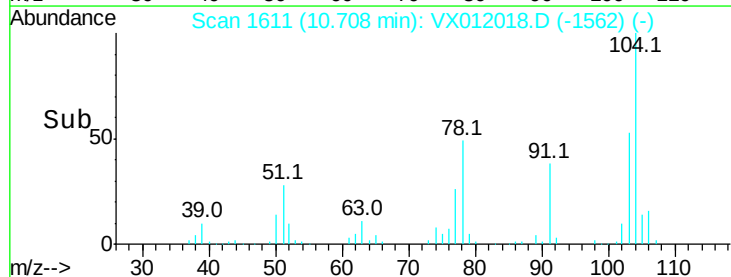
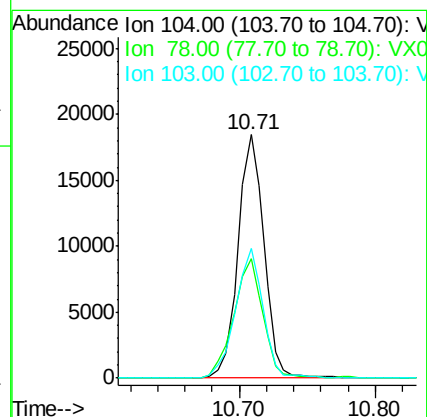
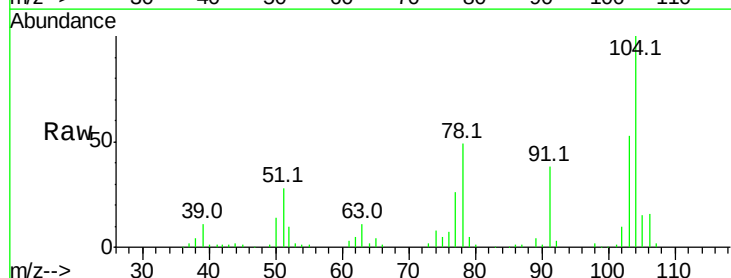
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

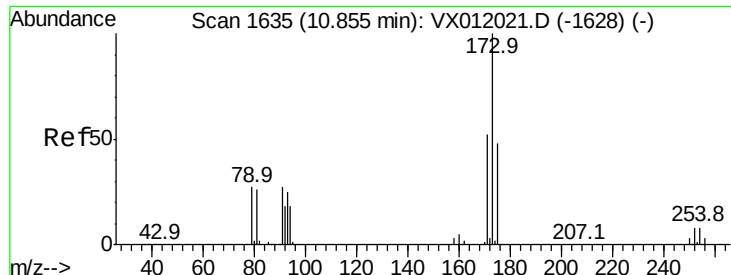
Tgt Ion:106 Resp: 15039
Ion Ratio Lower Upper
106 100
91 221.4 110.3 331.0



#70
Styrene
Concen: 4.759 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion:104 Resp: 24608
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.2
103 56.5 42.9 64.3

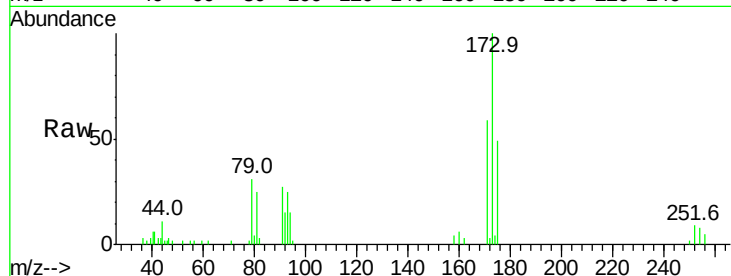




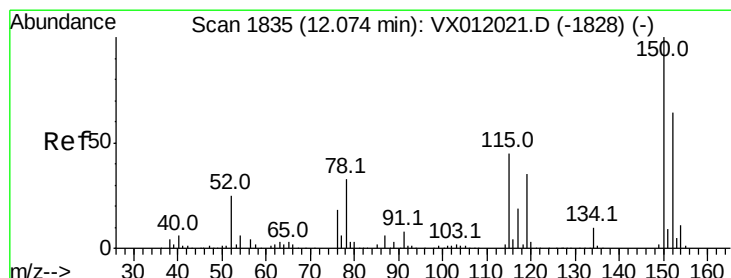
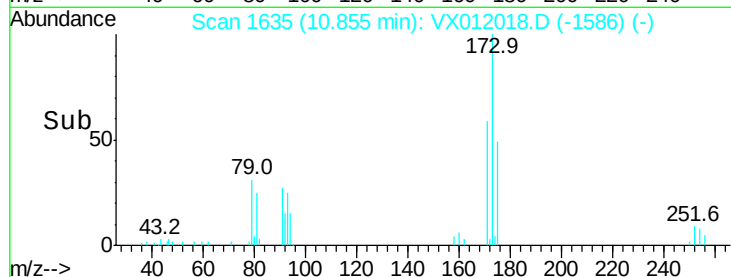
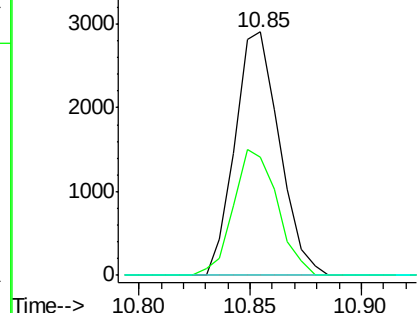
#71
Bromoform
Concen: 3.103 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 4046
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.3
254 0.0 0.0 0.0

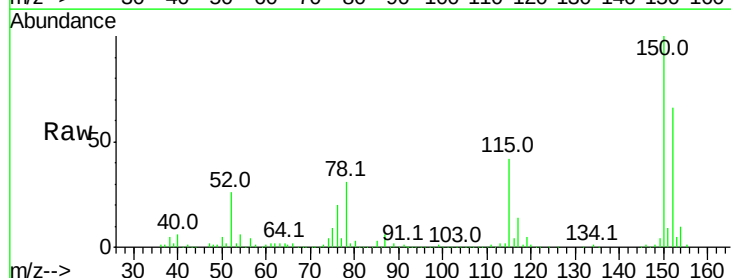


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

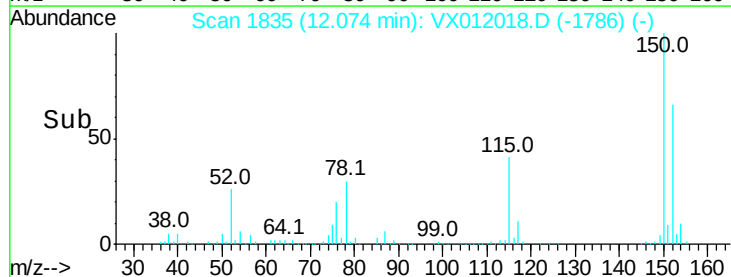
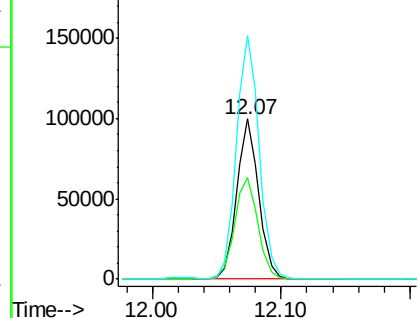


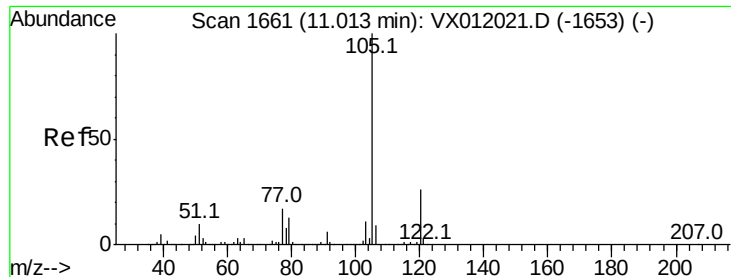
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012018.D
Acq: 03 Sep 2019 12:45

Tgt Ion:152 Resp: 118153
Ion Ratio Lower Upper
152 100
115 67.9 45.5 136.5
150 158.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 6.270 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

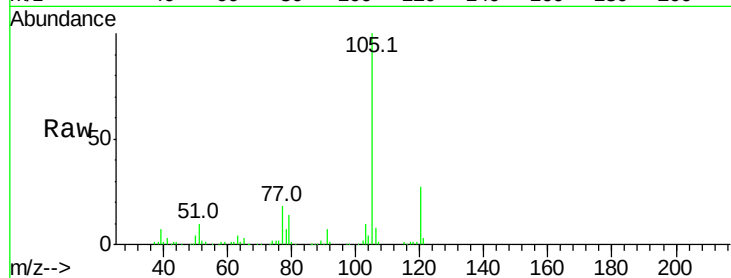
VSTDIC005

Tgt Ion:105 Resp: 41339

Ion Ratio Lower Upper

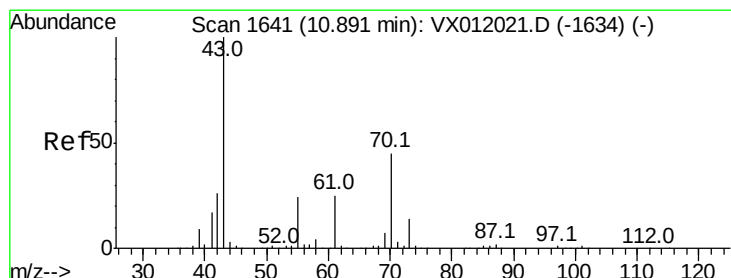
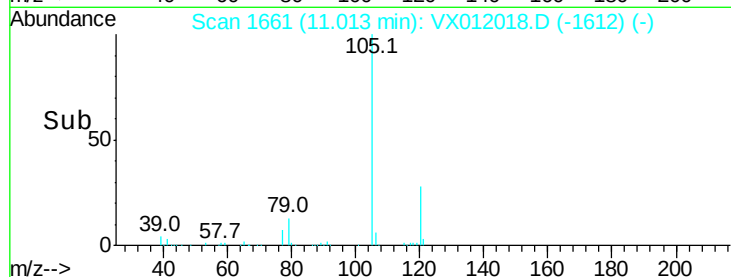
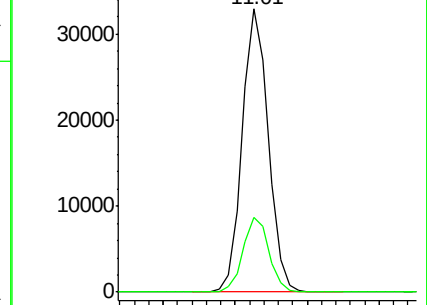
105 100

120 26.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.441 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Tgt Ion: 43 Resp: 10589

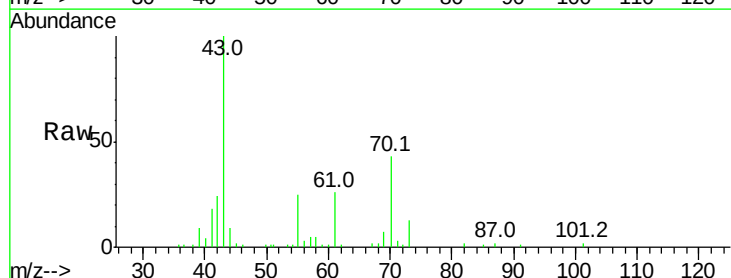
Ion Ratio Lower Upper

43 100

70 43.8 34.7 52.1

55 28.8 19.2 28.8#

61 26.4 19.6 29.4

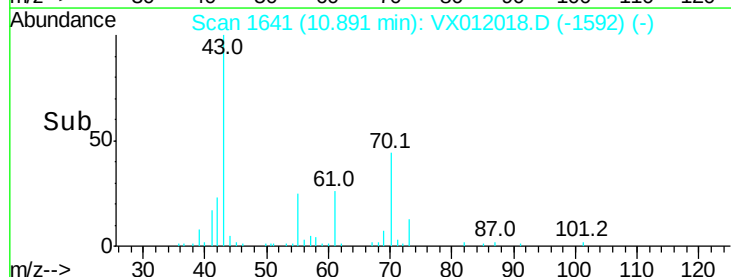
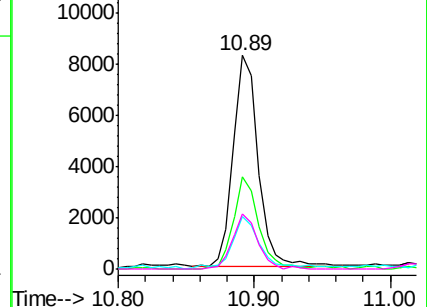


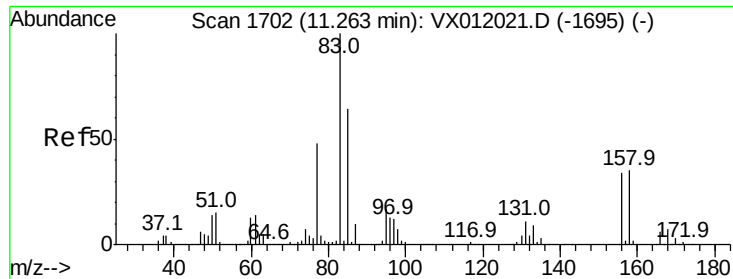
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 6.444 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

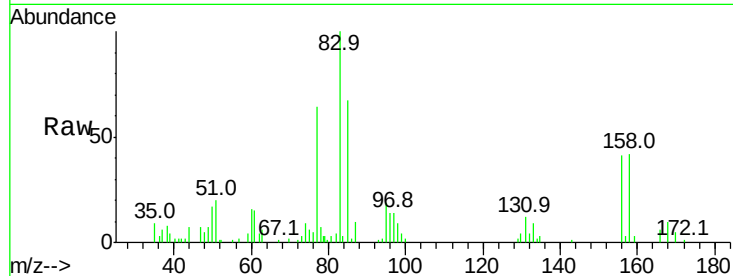
Tgt Ion: 83 Resp: 7778

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

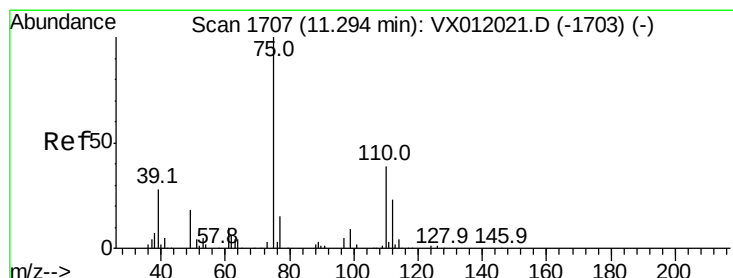
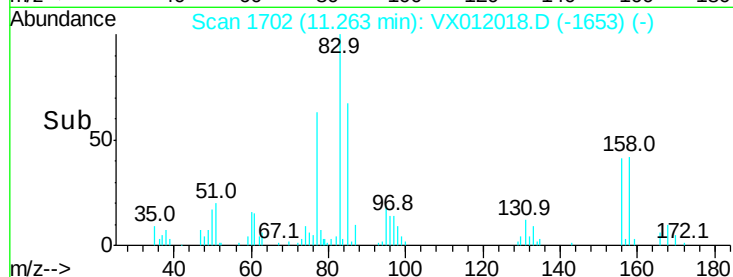
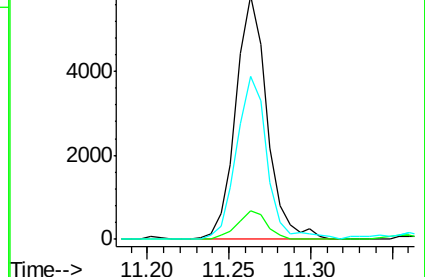
85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX012021.D (-1695) (-)

Ion 130.80 (130.50 to 131.50): VX012021.D (-1695) (-)

Ion 84.90 (84.60 to 85.60): VX012021.D (-1695) (-)



#76

1,2,3-Trichloropropane

Concen: 9.239 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012018.D

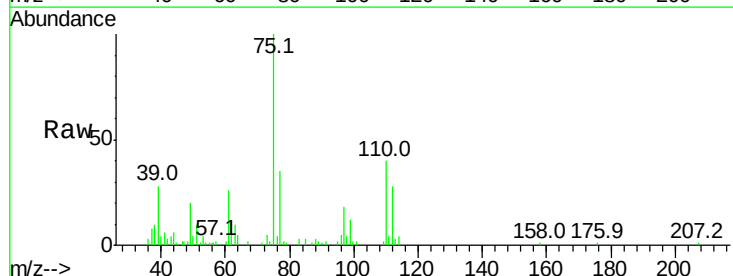
Acq: 03 Sep 2019 12:45

Tgt Ion: 75 Resp: 8641

Ion Ratio Lower Upper

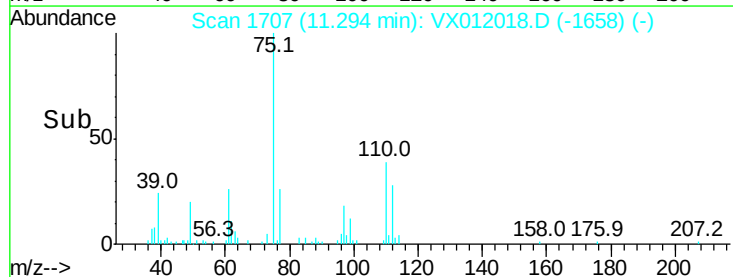
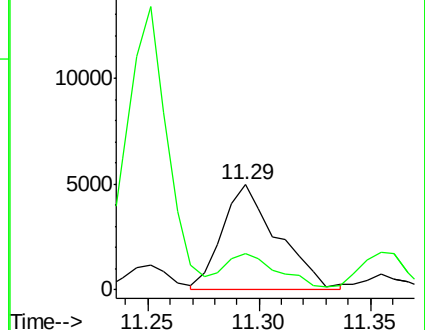
75 100

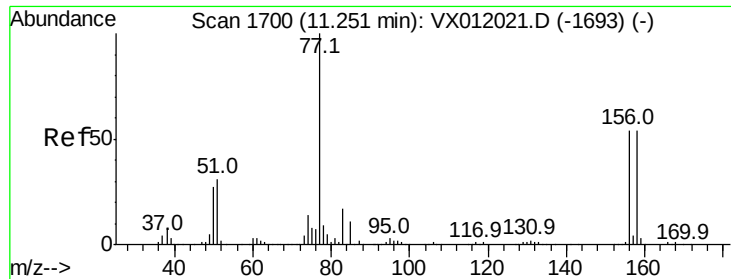
77 34.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX012021.D (-1703) (-)

Ion 77.00 (76.70 to 77.70): VX012021.D (-1703) (-)





#77

Bromobenzene

Concen: 4.580 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012018.D

Acq: 03 Sep 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

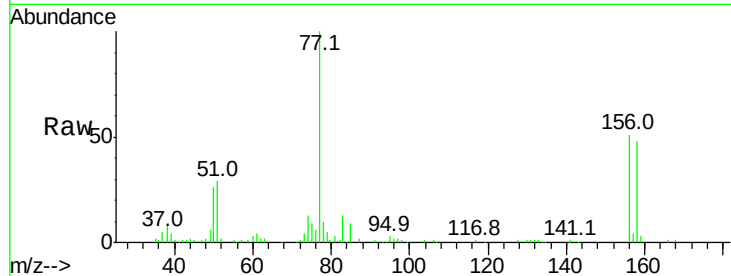
Tgt Ion:156 Resp: 8829

Ion Ratio Lower Upper

156 100

77 193.1 93.5 280.6

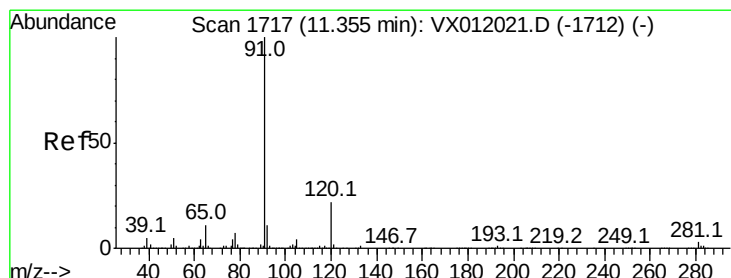
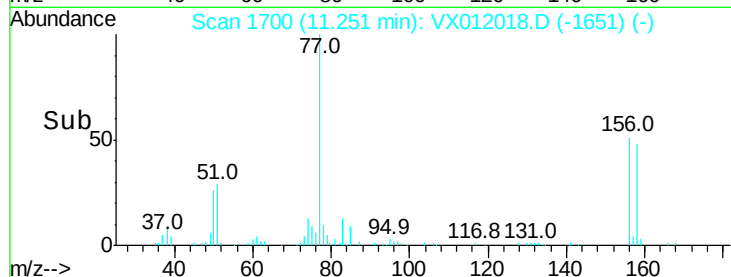
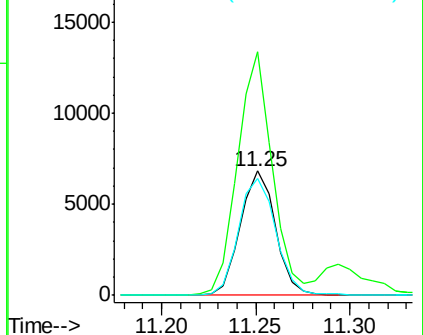
158 100.4 47.9 143.7



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: 6.770 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012018.D

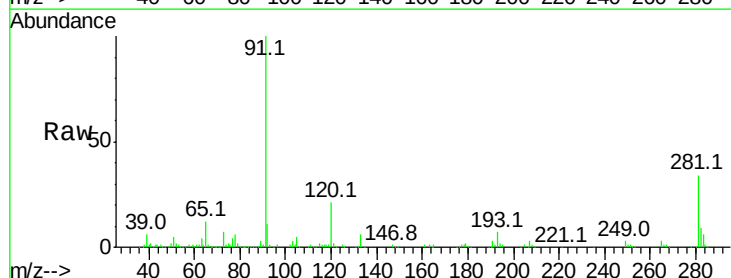
Acq: 03 Sep 2019 12:45

Tgt Ion: 91 Resp: 50228

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

