

Data File : VX004197.D
Acq On : 22 Aug 2018 13:29
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Aug 23 04:45:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	8007	1.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.78%	
35) Dibromofluoromethane	5.50	113	6284	1.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.48%	
50) Toluene-d8	8.71	98	22215	1.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.26%	
62) 4-Bromofluorobenzene	11.14	95	7591	1.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.98%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	3774	1.003 ug/l	90
3) Chloromethane	1.32	50	5787	1.319 ug/l	99
4) Vinyl Chloride	1.40	62	4475	1.051 ug/l	98
5) Bromomethane	1.64	94	4589	1.781 ug/l	97
6) Chloroethane	1.73	64	4804	1.469 ug/l #	84
7) Trichlorofluoromethane	1.93	101	6574	1.127 ug/l	94
8) Diethyl Ether	2.19	74	2716	1.087 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4416	1.209 ug/l	97
10) Methyl Iodide	2.51	142	4975	1.325 ug/l	98
11) Tert butyl alcohol	3.07	59	5222	5.786 ug/l #	94
12) 1,1-Dichloroethene	2.37	96	4057	1.179 ug/l	96
13) Acrolein	2.29	56	1533	7.046 ug/l	94
14) Allyl chloride	2.73	41	6634	1.049 ug/l	96
15) Acrylonitrile	3.15	53	12879	5.762 ug/l	97
16) Acetone	2.45	43	13690	6.806 ug/l	98
17) Carbon Disulfide	2.57	76	14546	1.438 ug/l	100
18) Methyl Acetate	2.78	43	6833	1.088 ug/l	98
19) Methyl tert-butyl Ether	3.21	73	12232	1.079 ug/l	97
20) Methylene Chloride	2.86	84	5196	1.275 ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	4893	1.285 ug/l	88
22) Diisopropyl ether	3.87	45	12992	1.101 ug/l	97
23) Vinyl Acetate	3.82	43	49471	5.171 ug/l	100
24) 1,1-Dichloroethane	3.69	63	7538	1.096 ug/l	99
25) 2-Butanone	4.70	43	19668	6.260 ug/l	93
26) 2,2-Dichloropropane	4.58	77	5831	1.081 ug/l	76
27) cis-1,2-Dichloroethene	4.59	96	4901	1.134 ug/l	92
28) Bromochloromethane	5.02	49	3123	1.025 ug/l #	99
29) Tetrahydrofuran	5.17	42	10081	5.542 ug/l	99
30) Chloroform	5.21	83	7722	1.119 ug/l	94
31) Cyclohexane	5.57	56	6269	1.056 ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5916	1.029 ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6561	1.199 ug/l	99
37) Ethyl Acetate	4.86	43	5275	0.980 ug/l #	95
38) Carbon Tetrachloride	5.78	117	5320	1.034 ug/l	91

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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Aug 23 04:45:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6991	1.119	ug/l	99
40) Benzene	6.14	78	17494	1.070	ug/l	96
41) Methacrylonitrile	5.06	41	3301	1.058	ug/l	94
42) 1,2-Dichloroethane	6.20	62	6077	1.090	ug/l	96
43) Isopropyl Acetate	6.46	43	7960	0.963	ug/l	100
44) Trichloroethene	7.21	130	5482	1.211	ug/l	97
45) 1,2-Dichloropropane	7.52	63	4375	1.069	ug/l	91
46) Dibromomethane	7.67	93	3032	1.113	ug/l	92
47) Bromodichloromethane	7.90	83	5011	0.989	ug/l	98
48) Methyl methacrylate	7.78	41	4310	0.974	ug/l	94
49) 1,4-Dioxane	7.76	88	1968	19.593	ug/l #	83
51) 4-Methyl-2-Pentanone	8.65	43	31572	5.256	ug/l	97
52) Toluene	8.79	92	10524	1.028	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	5196	0.928	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	5654	0.927	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4362	1.056	ug/l	95
56) Ethyl methacrylate	9.18	69	4674	0.831	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	7226	1.038	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	12006	4.167	ug/l	99
59) 2-Hexanone	9.50	43	23499	5.127	ug/l	91
60) Dibromochloromethane	9.59	129	3764	0.935	ug/l	95
61) 1,2-Dibromoethane	9.67	107	4386	1.026	ug/l	97
64) Tetrachloroethene	9.34	164	5248	1.215	ug/l	97
65) Chlorobenzene	10.14	112	12857	1.172	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	3628	0.958	ug/l #	66
67) Ethyl Benzene	10.25	91	17825	1.000	ug/l	94
68) m/p-Xylenes	10.36	106	13396	1.922	ug/l	99
69) o-Xylene	10.70	106	6195	0.940	ug/l	95
70) Styrene	10.71	104	9258	0.867	ug/l	96
71) Bromoform	10.86	173	2798	0.917	ug/l #	94
73) Isopropylbenzene	11.02	105	16568	1.010	ug/l	98
74) N-amyl acetate	10.90	43	5864	0.929	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	6402	1.116	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	6614	1.342	ug/l	92
77) Bromobenzene	11.26	156	5233	1.138	ug/l	96
78) n-propylbenzene	11.36	91	18702	0.992	ug/l	99
79) 2-Chlorotoluene	11.42	91	12715	1.095	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	12871	0.948	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	1393	0.890	ug/l #	76
82) 4-Chlorotoluene	11.51	91	14601	1.069	ug/l	97
83) tert-Butylbenzene	11.77	119	12806	0.937	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	12539	0.900	ug/l	99
85) sec-Butylbenzene	11.94	105	15768	0.972	ug/l	100
86) p-Isopropyltoluene	12.07	119	13610	0.936	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	10298	1.189	ug/l	98
88) 1,4-Dichlorobenzene	12.02	146	10298	1.131	ug/l	98
89) n-Butylbenzene	12.39	91	12135	1.027	ug/l	96
90) Hexachloroethane	12.60	117	1908	0.939	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	8460	1.069	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1037	1.026	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Quantitation Report (Not Reviewed)

Data File : VX004197.D
Acq On : 22 Aug 2018 13:29
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 23 04:45:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7085	1.230	ug/l	97
94) Hexachlorobutadiene	13.79	225	3721	1.316	ug/l	98
95) Naphthalene	13.83	128	14668	0.901	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	6747	1.107	ug/l	99

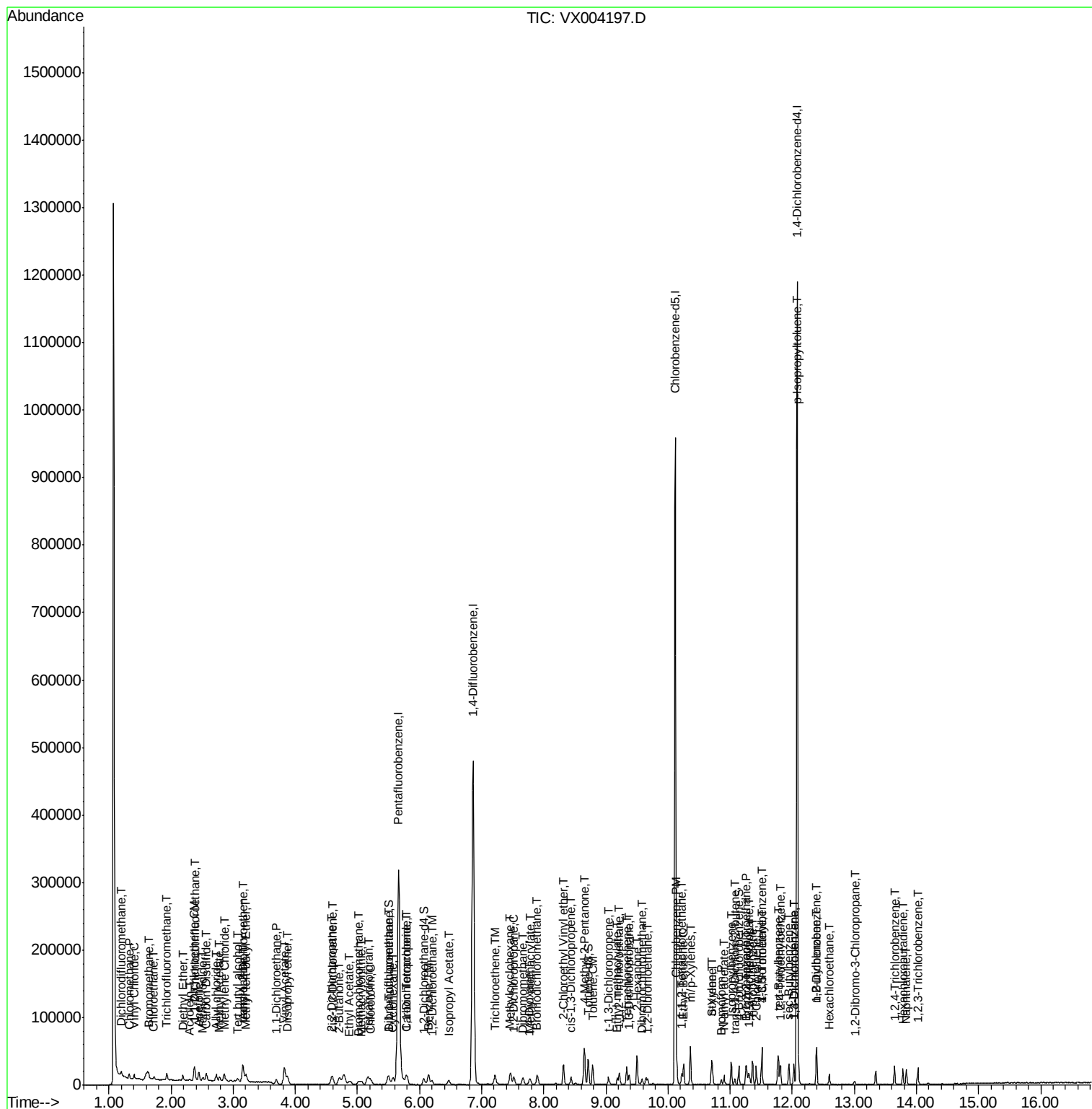
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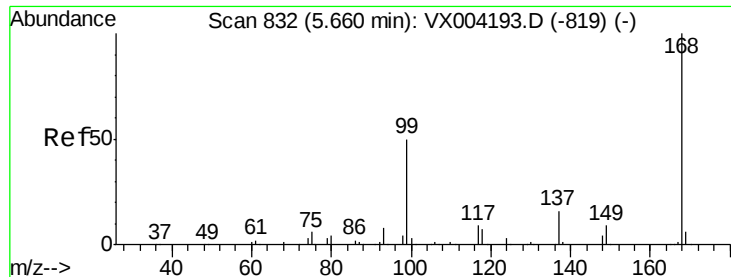
Data File : VX004197.D

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Acq On       : 22 Aug 2018   13:29
Operator     : JC/MD
Sample       : VSTDIC001
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 9      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 23 04:45:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

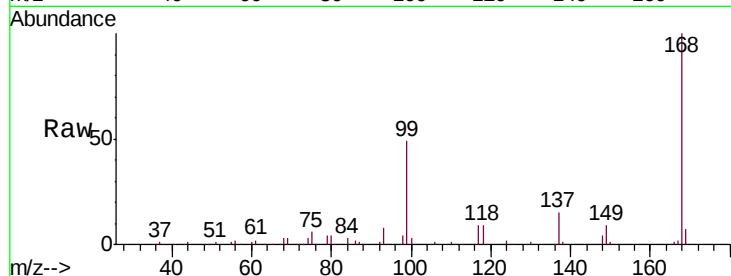
VSTDIC001

Tgt Ion:168 Resp: 324839

Ion Ratio Lower Upper

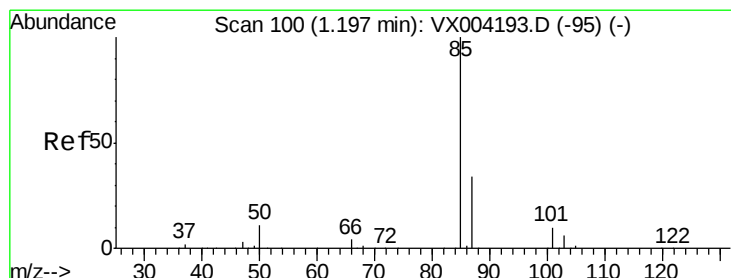
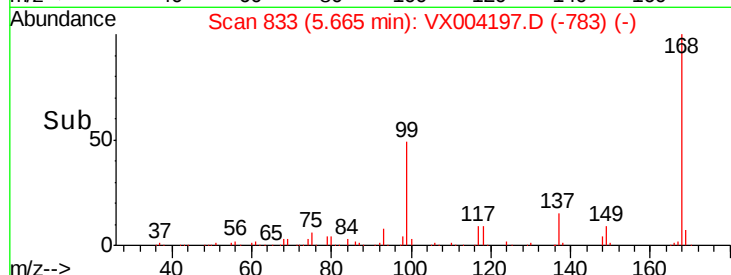
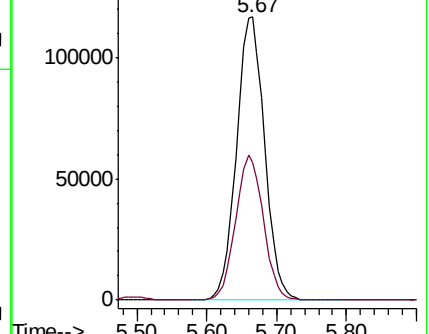
168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.003 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004197.D

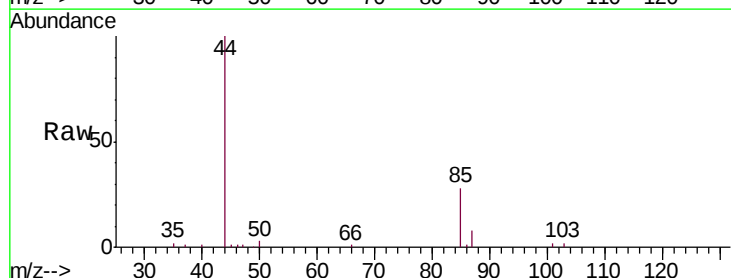
Acq: 22 Aug 2018 13:29

Tgt Ion: 85 Resp: 3774

Ion Ratio Lower Upper

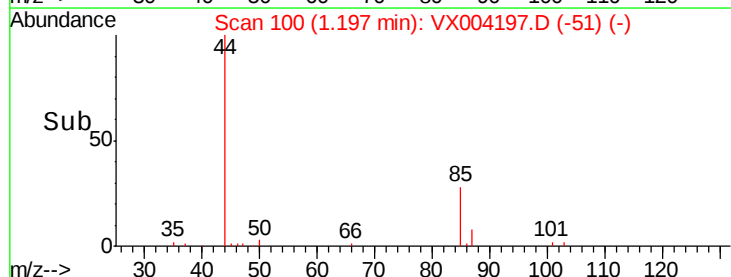
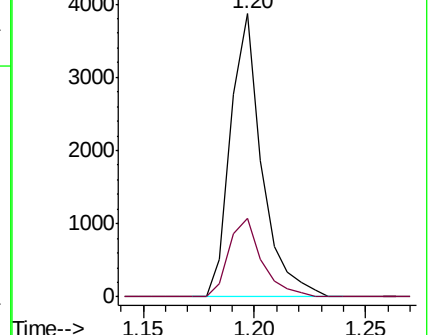
85 100

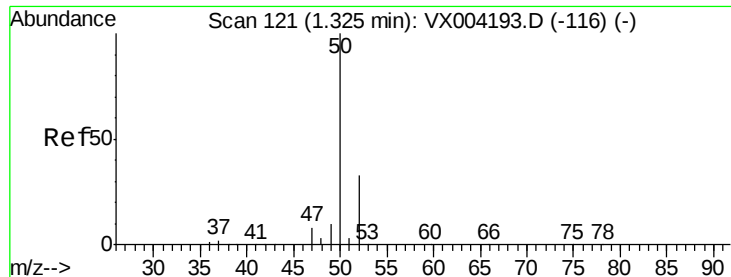
87 28.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.319 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

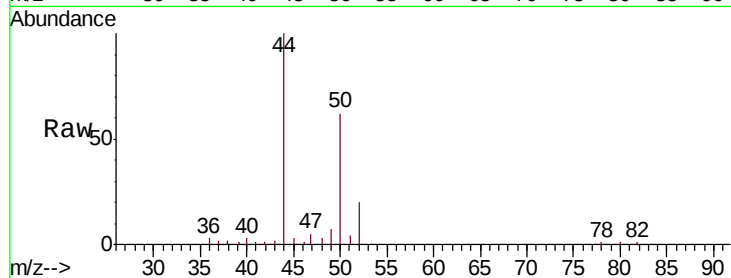
VSTDIC001

Tgt Ion: 50 Resp: 5787

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

5000

4000

3000

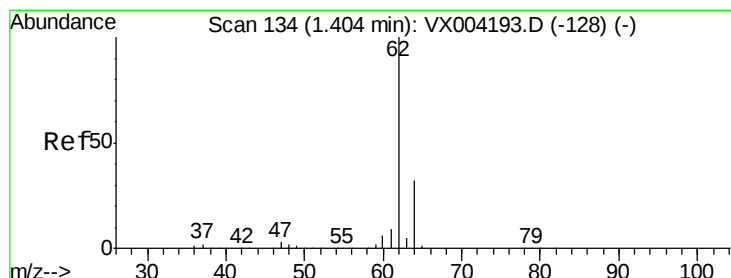
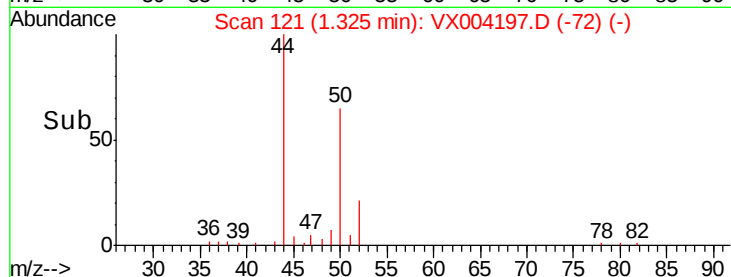
2000

1000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 1.051 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004197.D

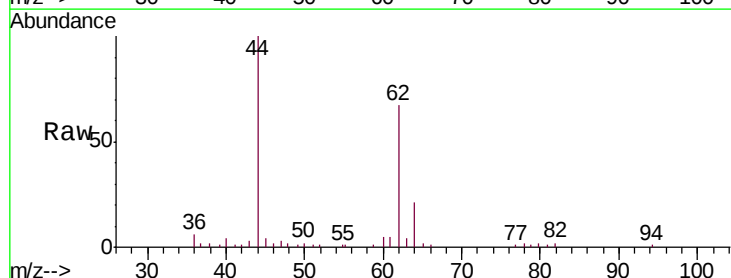
Acq: 22 Aug 2018 13:29

Tgt Ion: 62 Resp: 4475

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

5000

4000

3000

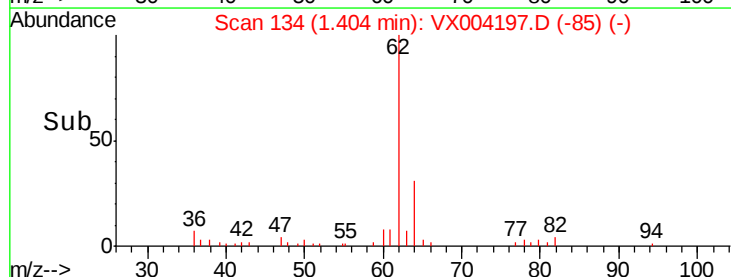
2000

1000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 1.781 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

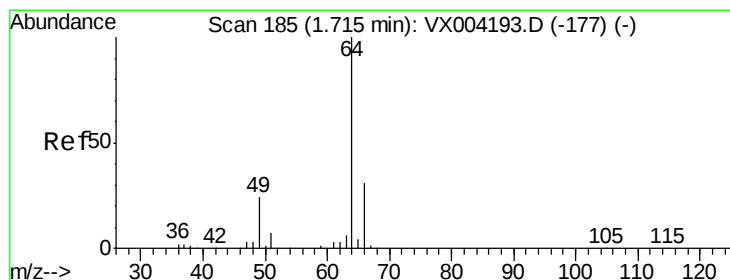
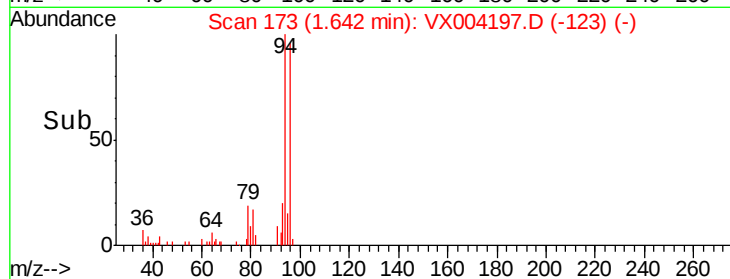
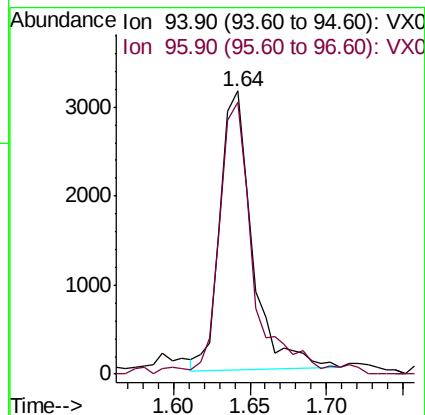
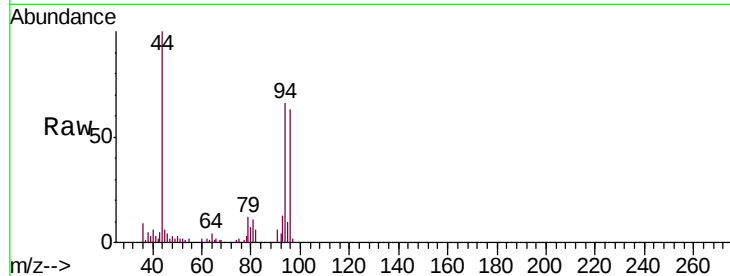
VSTDIC001

Tgt Ion: 94 Resp: 4589

Ion Ratio Lower Upper

94 100

96 96.5 74.5 111.7



#6

Chloroethane

Concen: 1.469 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004197.D

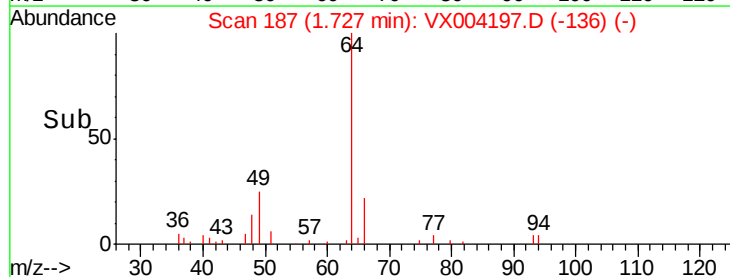
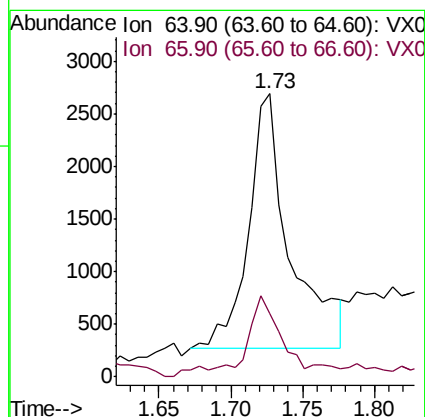
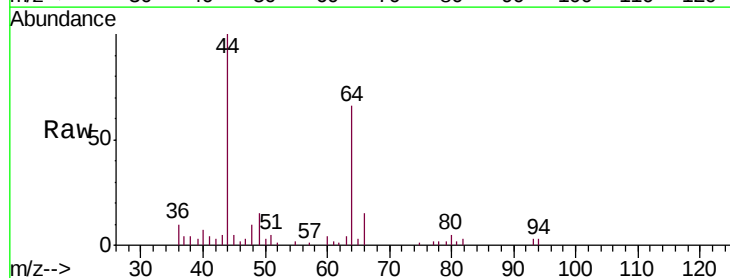
Acq: 22 Aug 2018 13:29

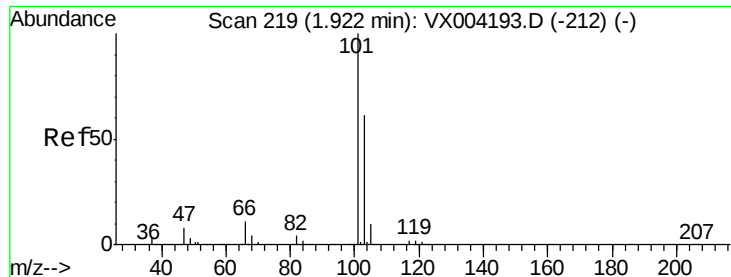
Tgt Ion: 64 Resp: 4804

Ion Ratio Lower Upper

64 100

66 22.0 24.6 36.8#





#7

Trichlorofluoromethane

Concen: 1.127 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

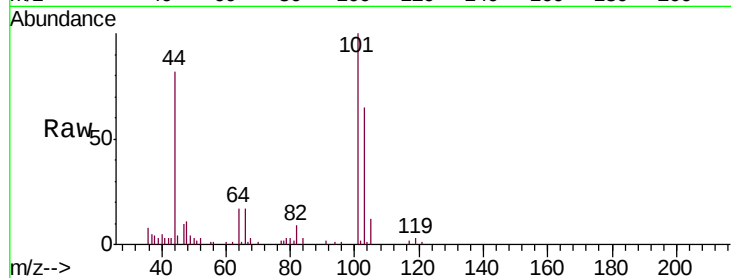
VSTDIC001

Tgt Ion:101 Resp: 6574

Ion Ratio Lower Upper

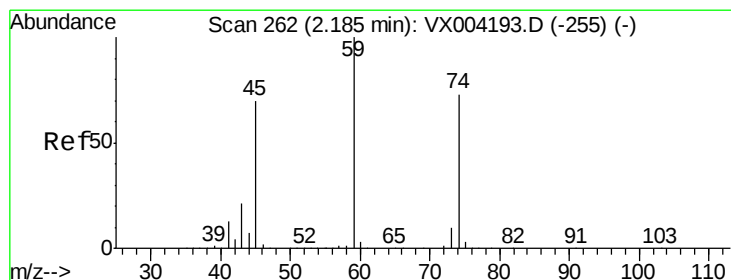
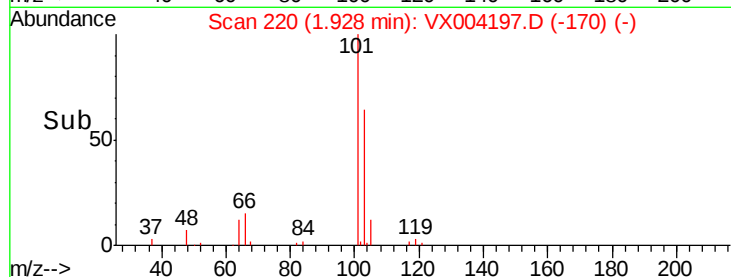
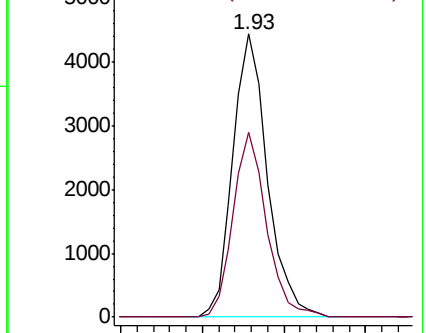
101 100

103 65.4 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.087 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.01 min

Lab File: VX004197.D

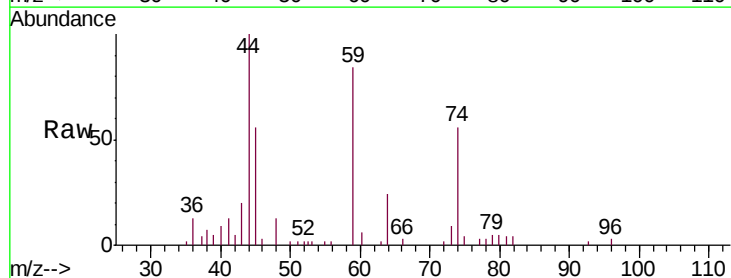
Acq: 22 Aug 2018 13:29

Tgt Ion: 74 Resp: 2716

Ion Ratio Lower Upper

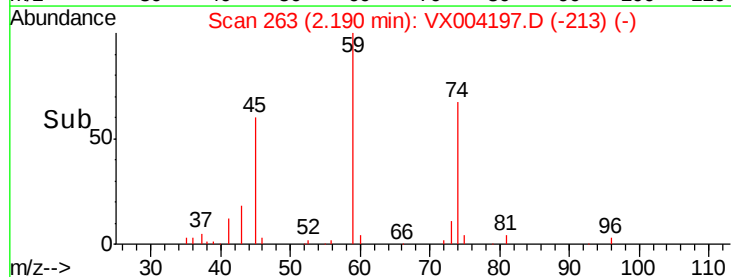
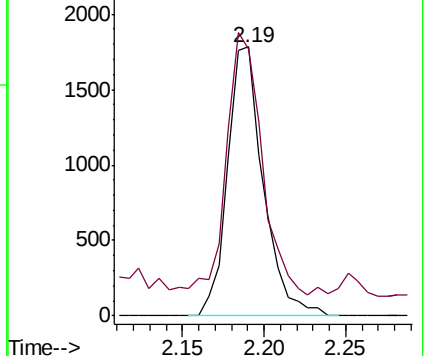
74 100

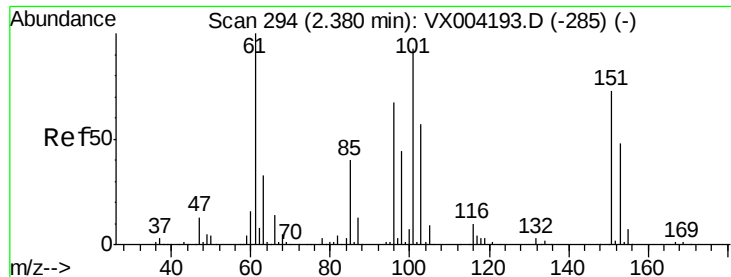
45 95.6 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.209 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

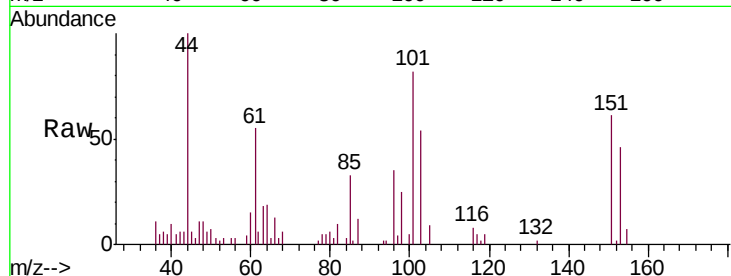
Tgt Ion:101 Resp: 4416

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

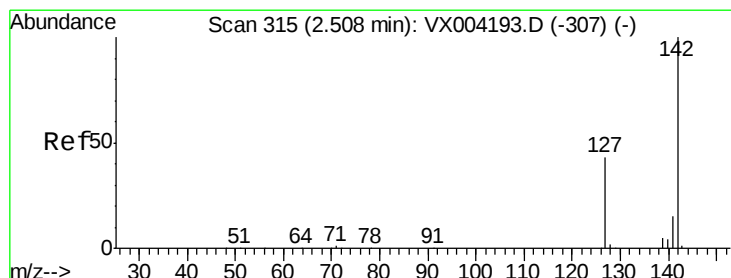
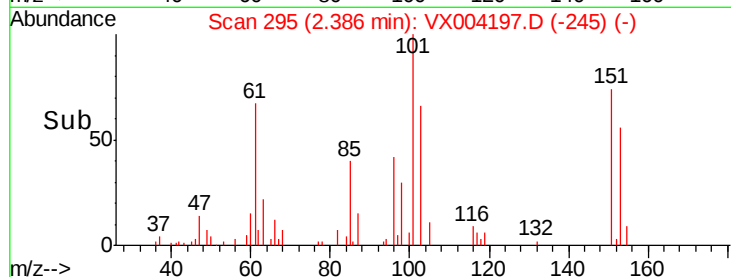
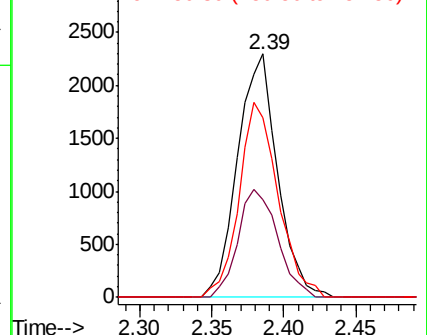
151 78.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.325 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

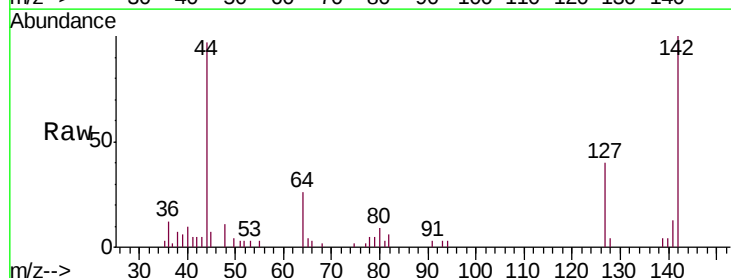
Tgt Ion:142 Resp: 4975

Ion Ratio Lower Upper

142 100

127 42.8 33.8 50.6

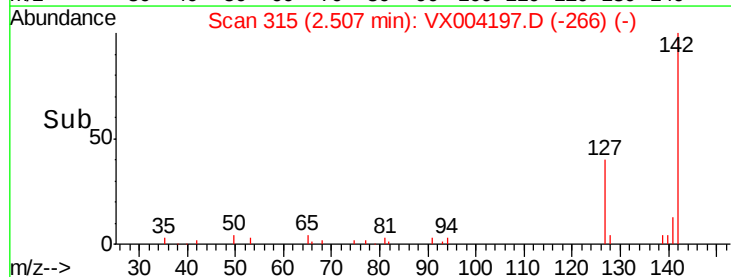
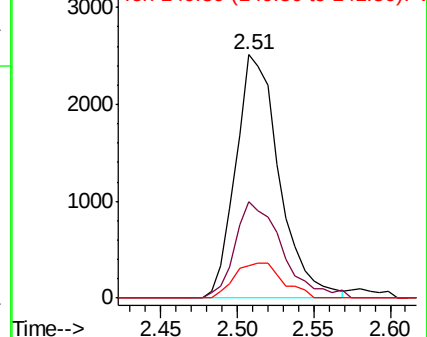
141 15.8 11.4 17.0

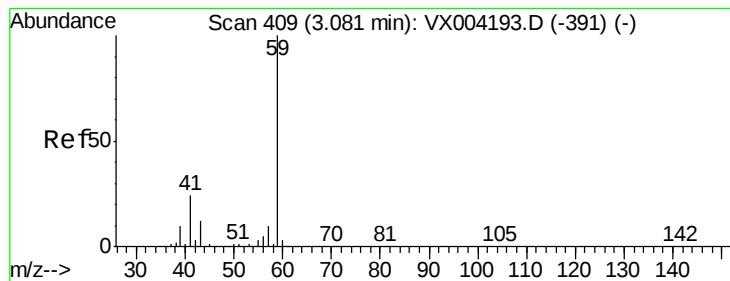


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



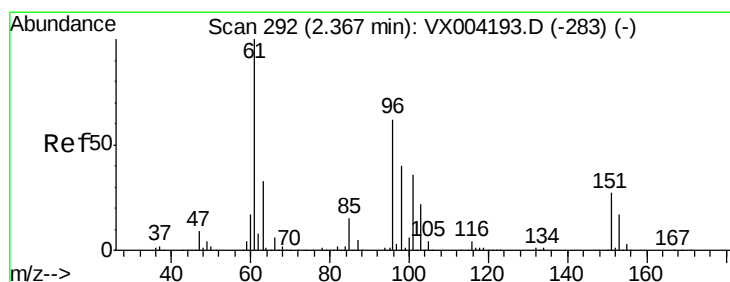
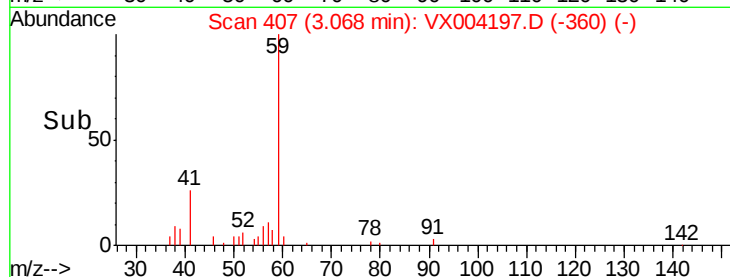
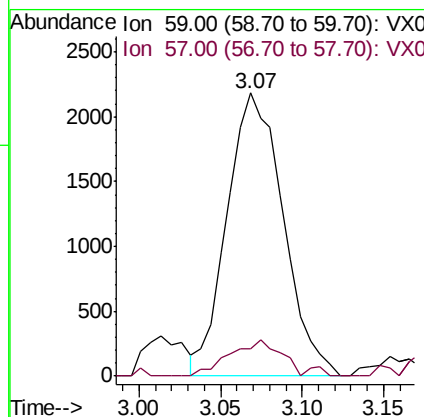
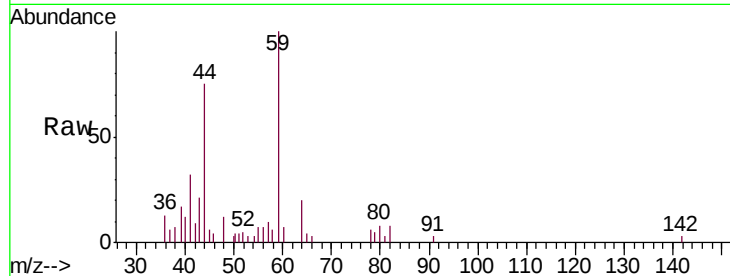


#11

Tert butyl alcohol
 Concen: 5.786 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

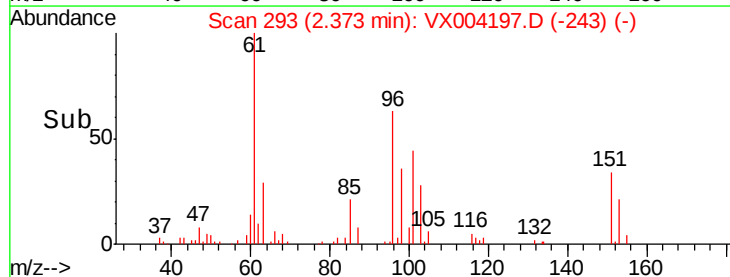
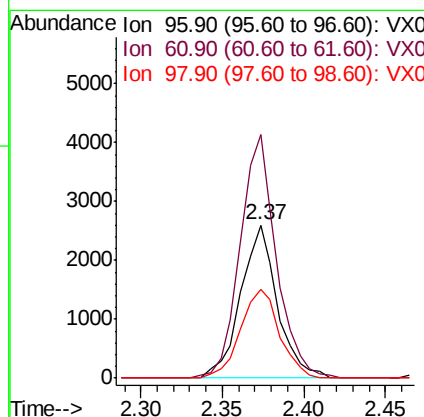
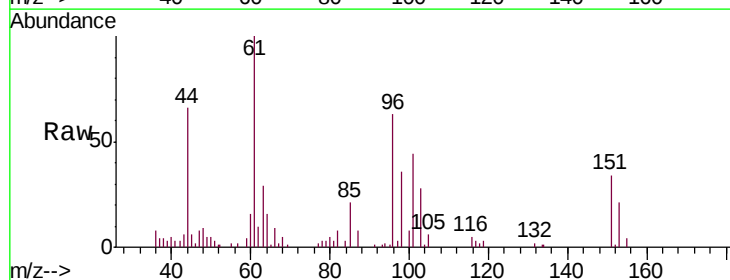
Tgt Ion: 59 Resp: 5222
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.2 12.4#

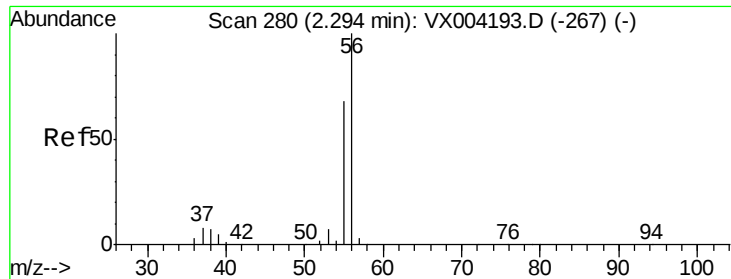


#12

1,1-Dichloroethene
 Concen: 1.179 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 96 Resp: 4057
 Ion Ratio Lower Upper
 96 100
 61 158.9 128.8 193.2
 98 57.9 52.2 78.2





#13

Acrolein

Concen: 7.046 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

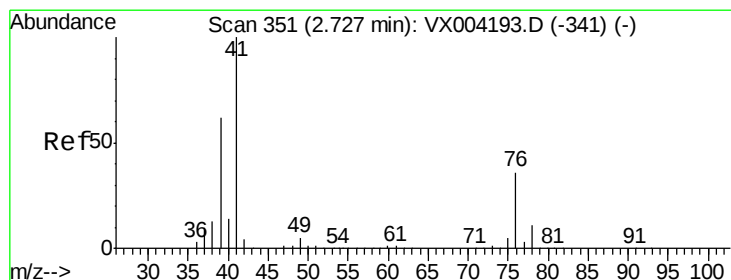
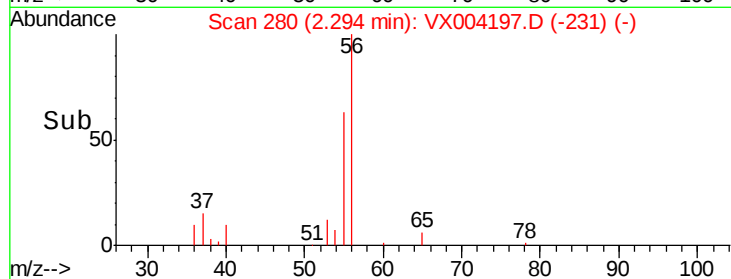
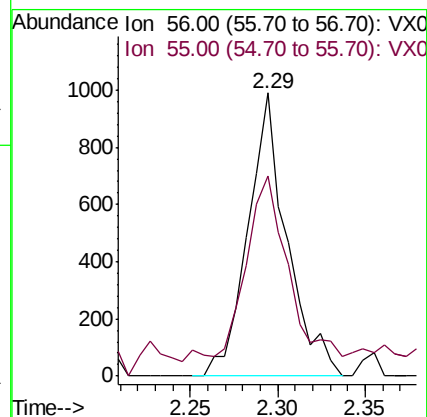
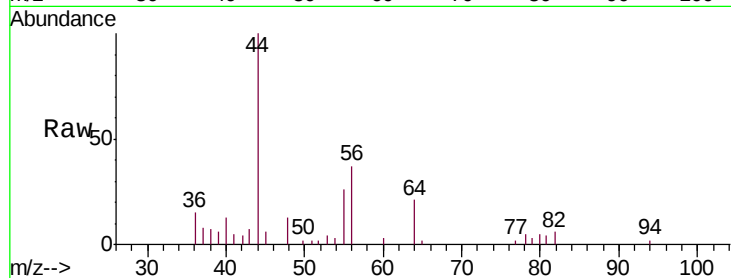
VSTDIC001

Tgt Ion: 56 Resp: 1533

Ion Ratio Lower Upper

56 100

55 73.5 54.7 82.1



#14

Allyl chloride

Concen: 1.049 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

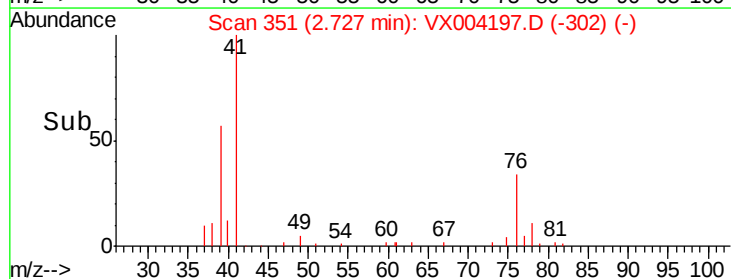
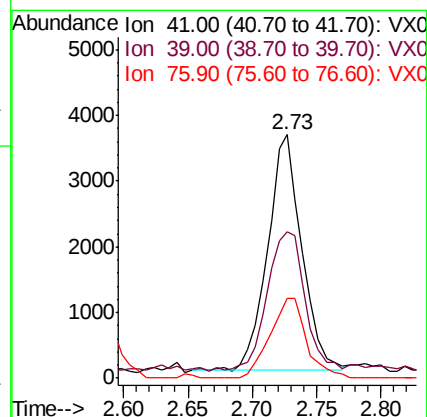
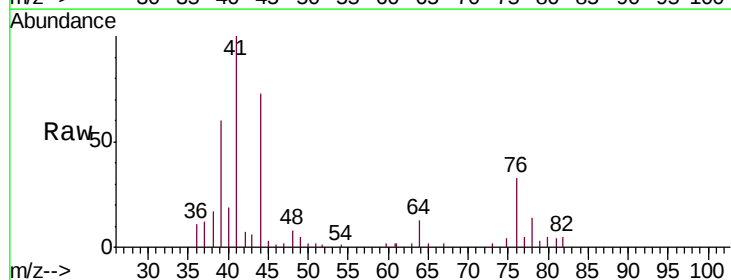
Tgt Ion: 41 Resp: 6634

Ion Ratio Lower Upper

41 100

39 64.1 48.9 73.3

76 36.0 26.7 40.1





#15

Acrylonitrile

Concen: 5.762 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

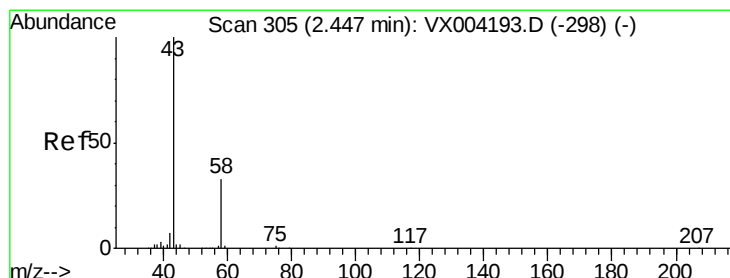
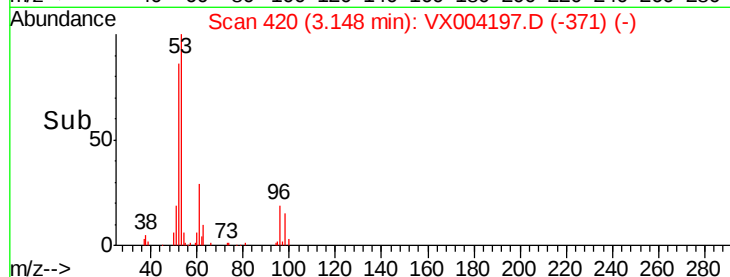
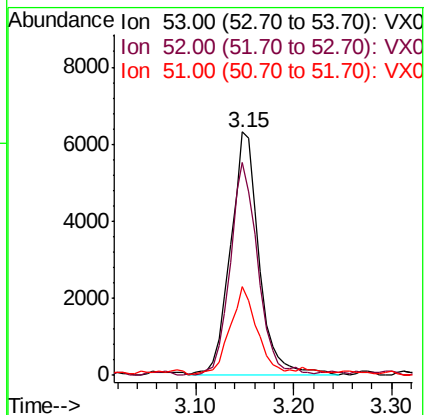
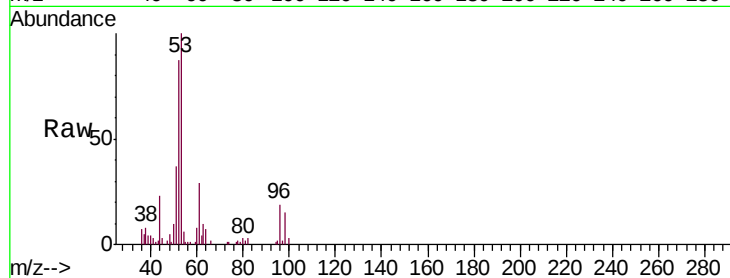
Tgt Ion: 53 Resp: 12879

Ion Ratio Lower Upper

53 100

52 84.5 65.2 97.8

51 35.7 28.2 42.2



#16

Acetone

Concen: 6.806 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX004197.D

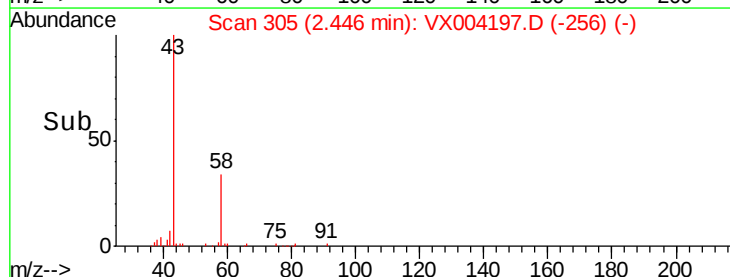
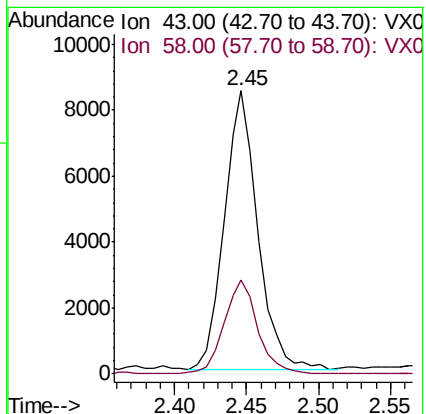
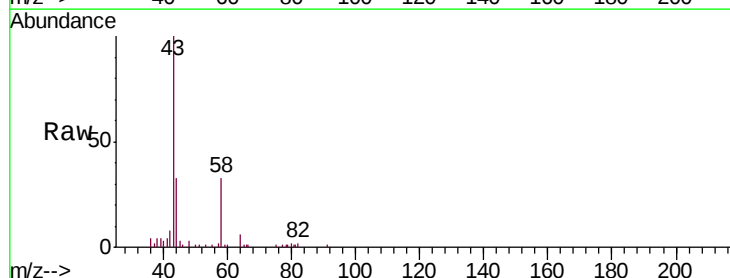
Acq: 22 Aug 2018 13:29

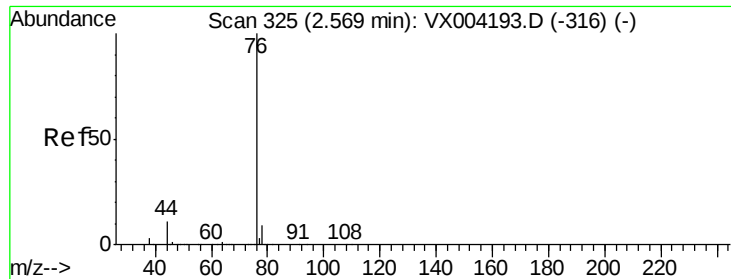
Tgt Ion: 43 Resp: 13690

Ion Ratio Lower Upper

43 100

58 33.8 26.2 39.4

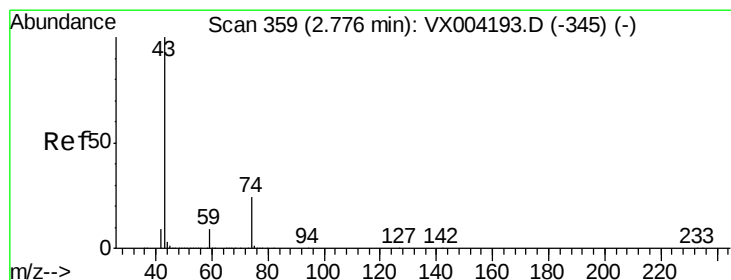
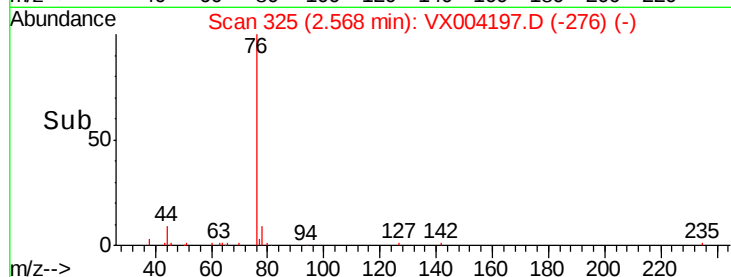
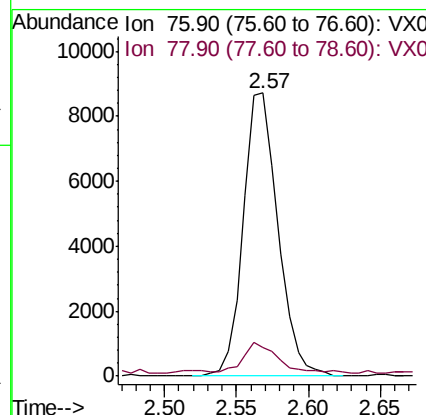
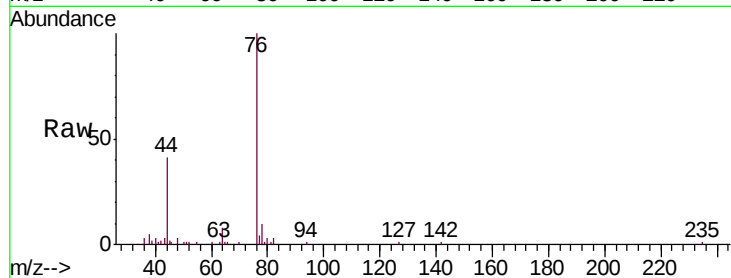




#17
Carbon Disulfide
Concen: 1.438 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

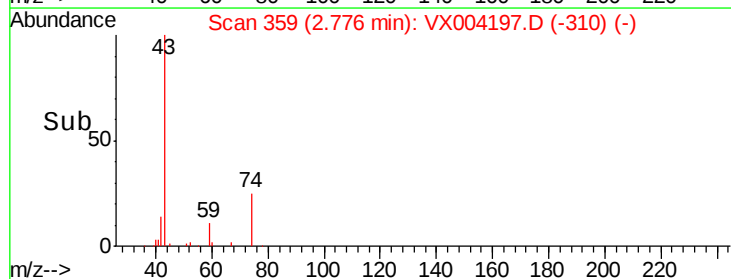
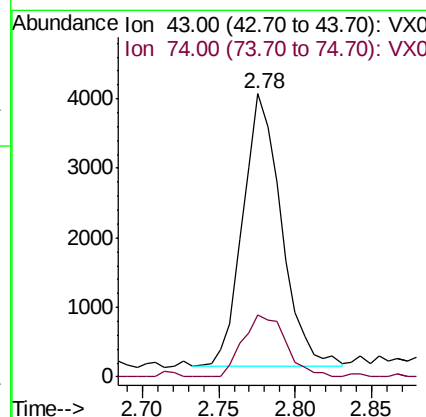
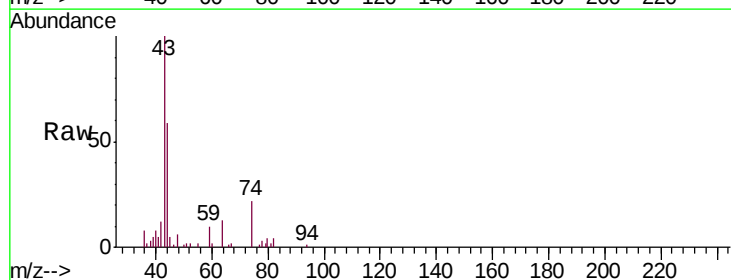
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

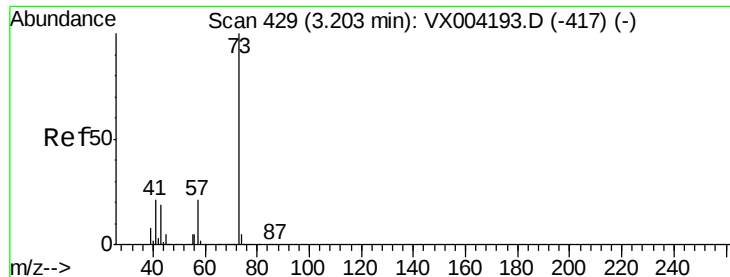
Tgt Ion: 76 Resp: 14546
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 1.088 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.2



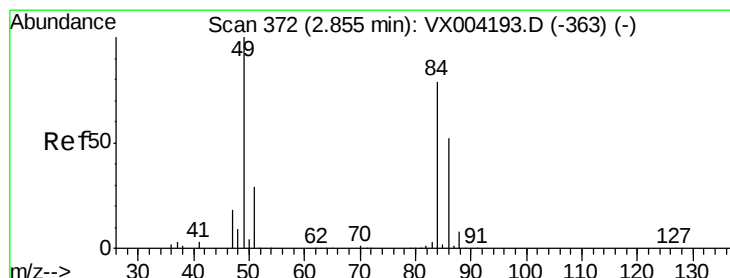
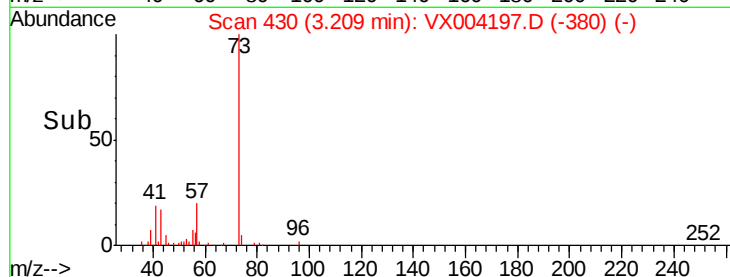
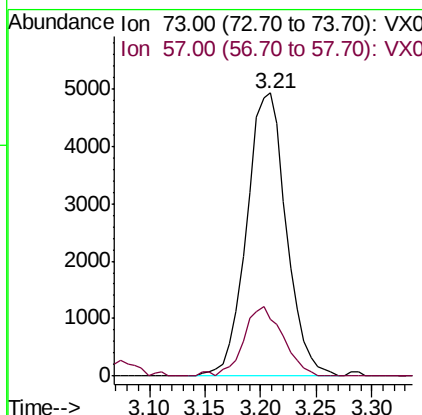
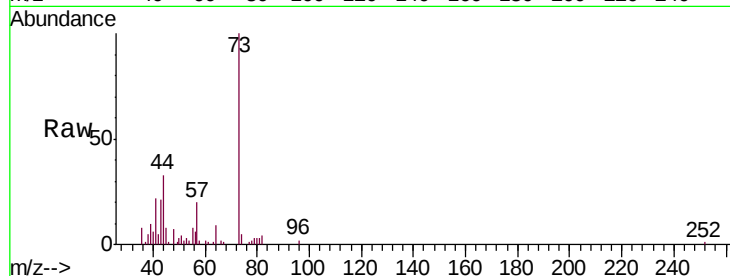


#19

Methyl tert-butyl Ether
 Concen: 1.079 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

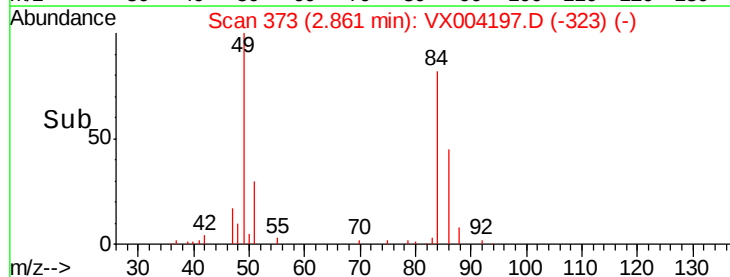
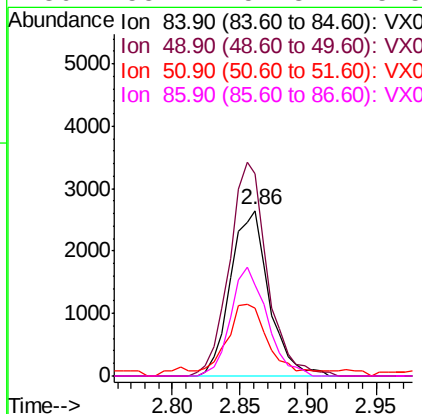
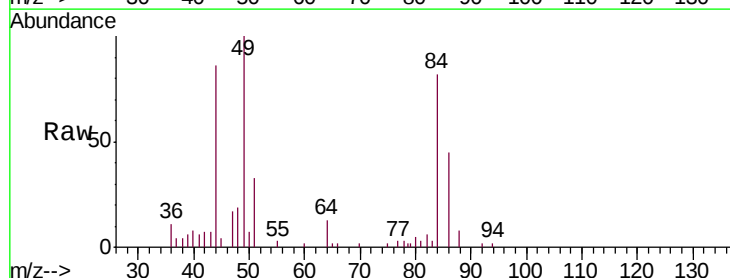
Tgt Ion: 73 Resp: 12232
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.1 25.7

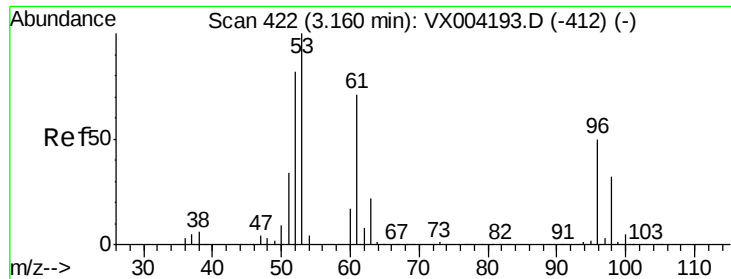


#20

Methylene Chloride
 Concen: 1.275 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 84 Resp: 5196
 Ion Ratio Lower Upper
 84 100
 49 122.0 101.2 151.8
 51 37.4 29.5 44.3
 86 55.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 1.285 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

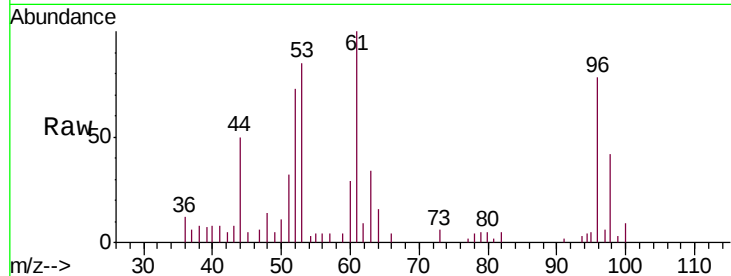
Tgt Ion: 96 Resp: 4893

Ion Ratio Lower Upper

96 100

61 127.9 113.8 170.6

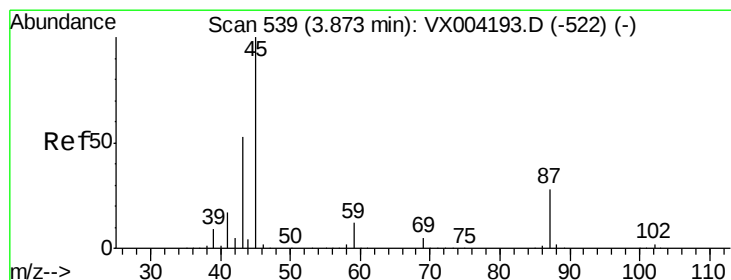
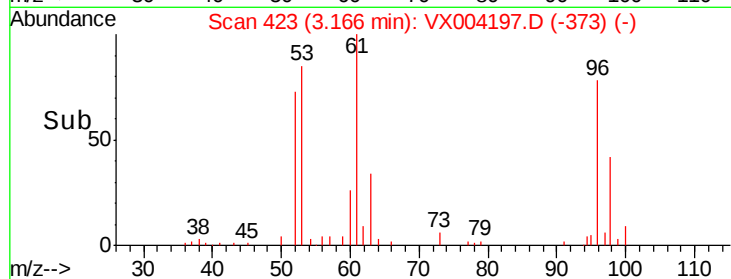
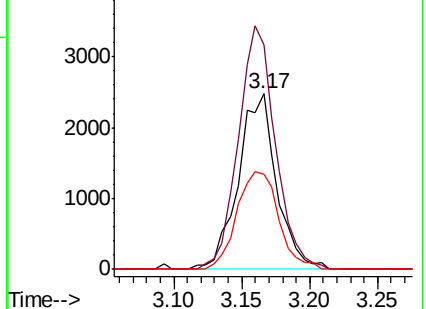
98 54.1 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.101 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion: 45 Resp: 12992

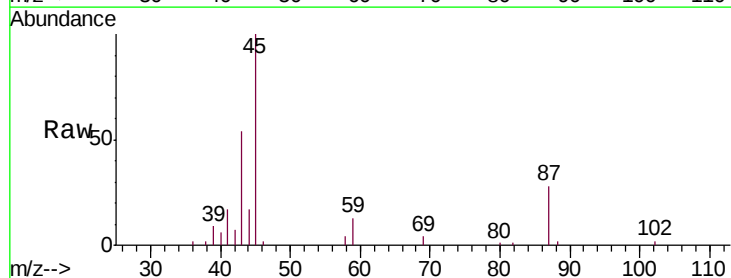
Ion Ratio Lower Upper

45 100

43 50.2 42.8 64.2

87 28.2 22.6 34.0

59 12.9 9.6 14.4

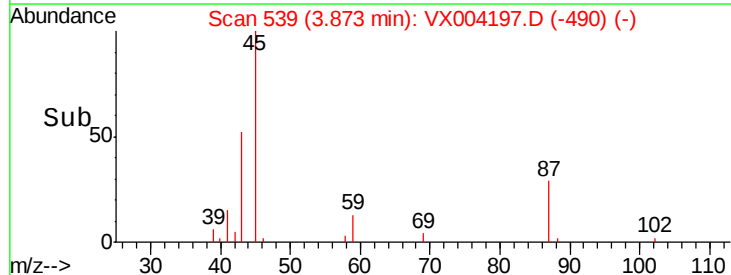
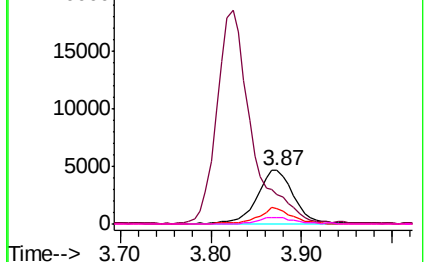


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 5.171 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

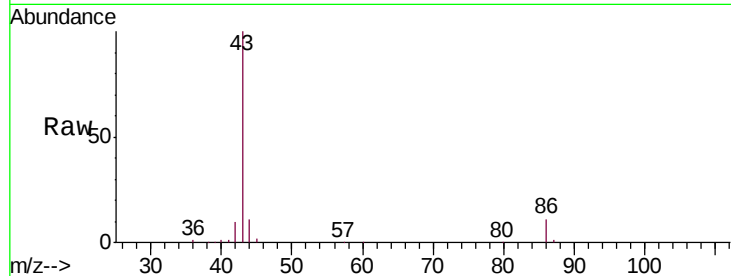
VSTDIC001

Tgt Ion: 43 Resp: 49471

Ion Ratio Lower Upper

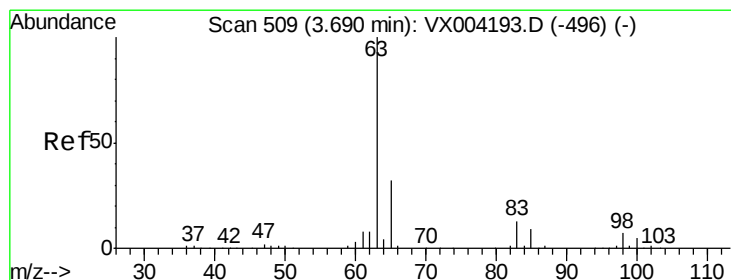
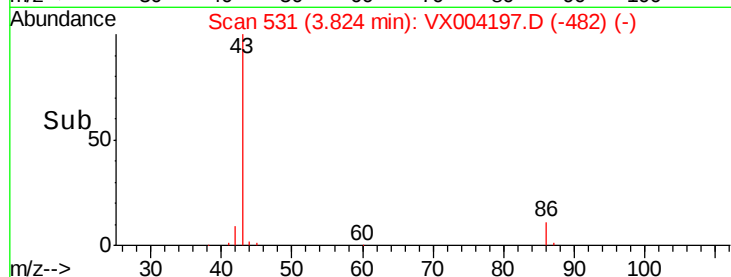
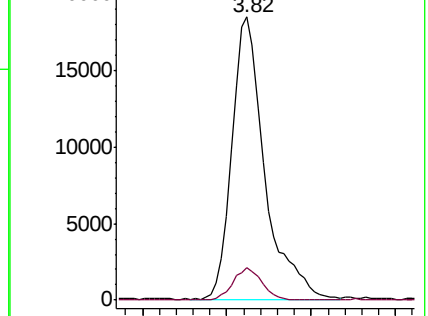
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.096 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

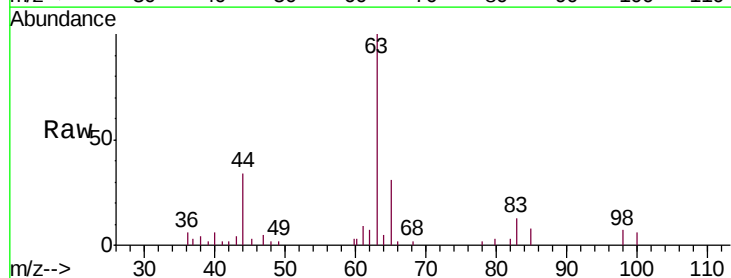
Tgt Ion: 63 Resp: 7538

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

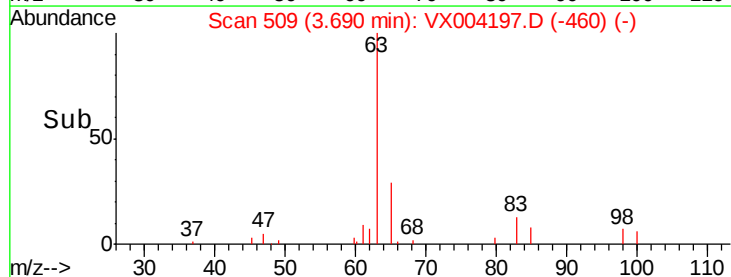
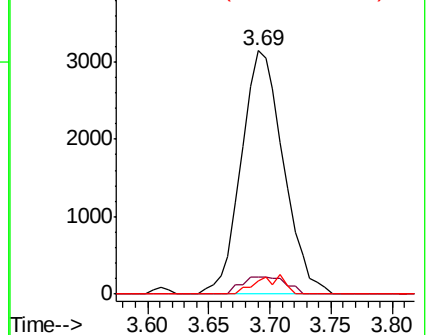
100 5.5 2.4 7.1

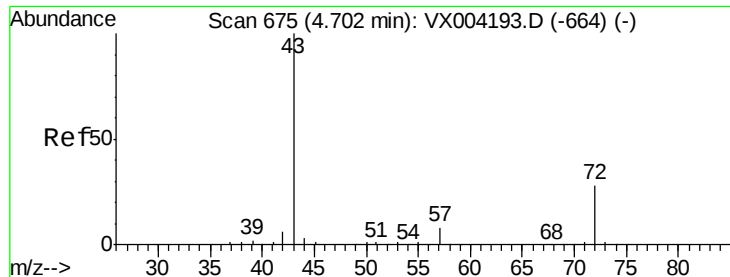


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 6.260 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

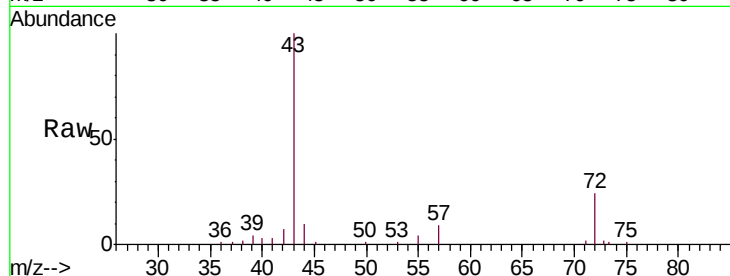
VSTDIC001

Tgt Ion: 43 Resp: 19668

Ion Ratio Lower Upper

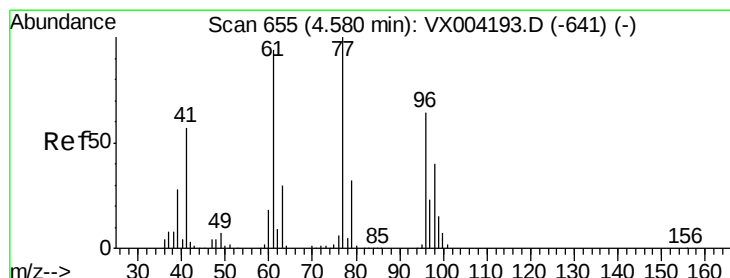
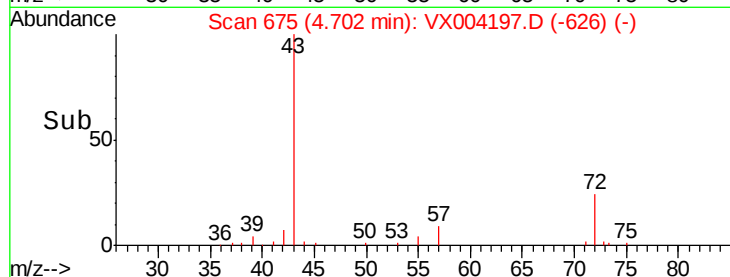
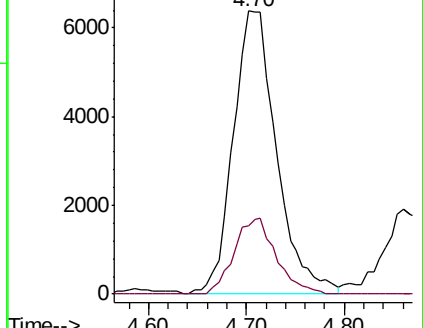
43 100

72 24.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.081 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004197.D

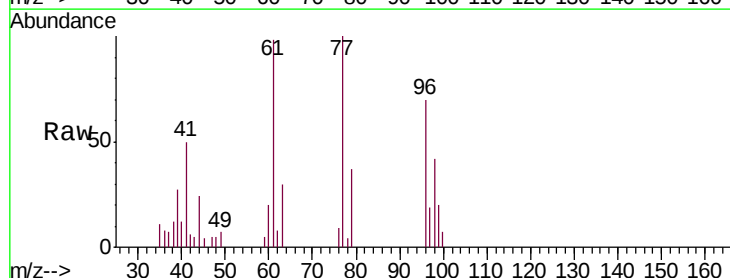
Acq: 22 Aug 2018 13:29

Tgt Ion: 77 Resp: 5831

Ion Ratio Lower Upper

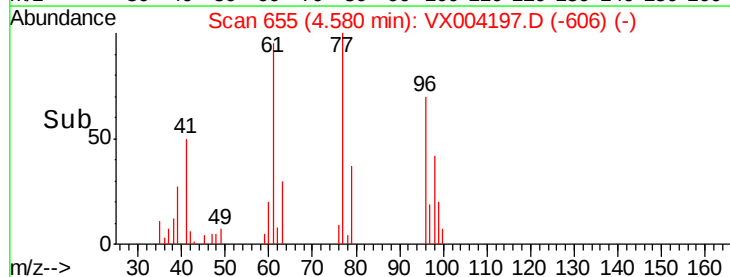
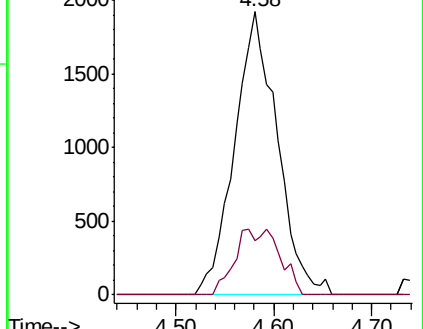
77 100

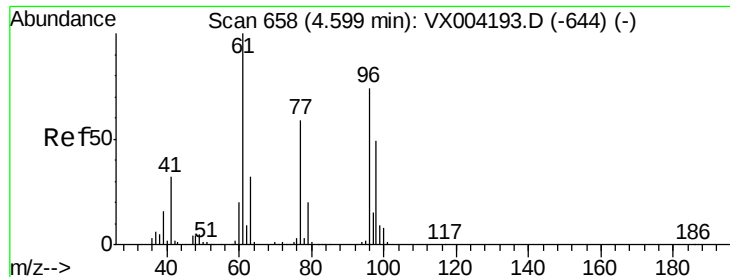
97 11.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



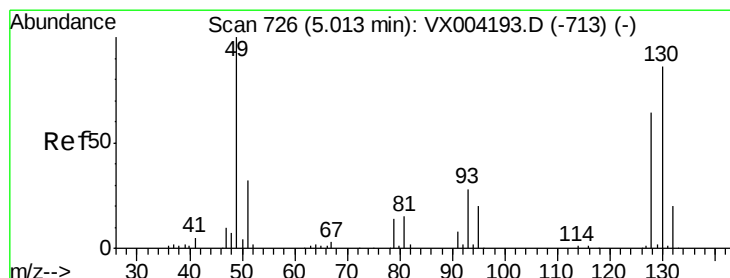
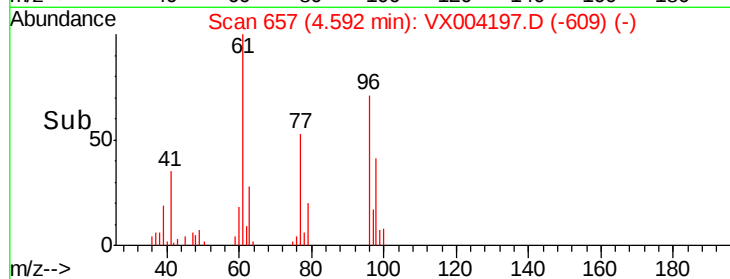
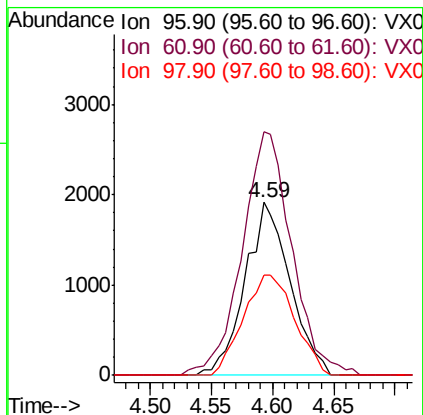
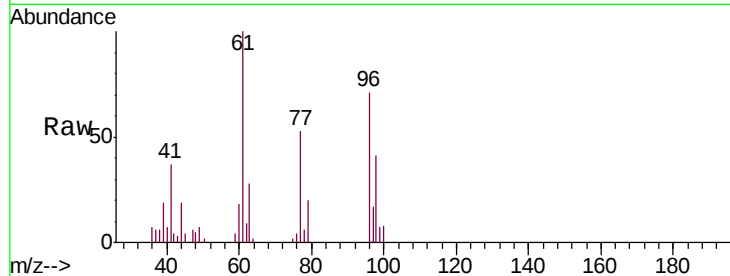


#27

cis-1,2-Dichloroethene
 Concen: 1.134 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

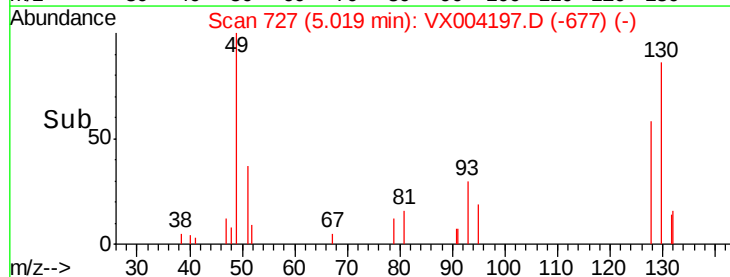
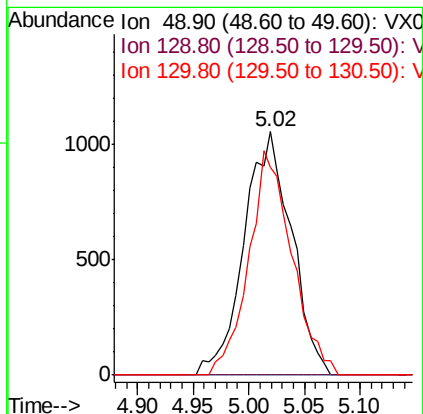
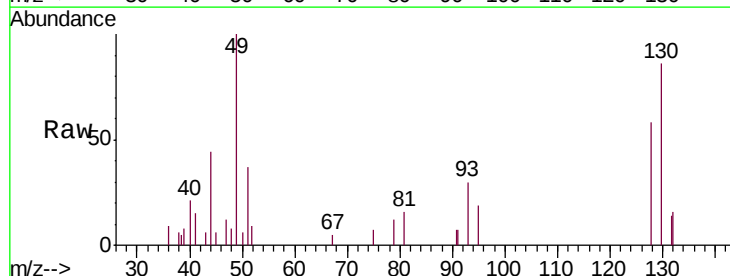
Tgt Ion: 96 Resp: 4901
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 282.6
 98 66.1 0.0 130.2

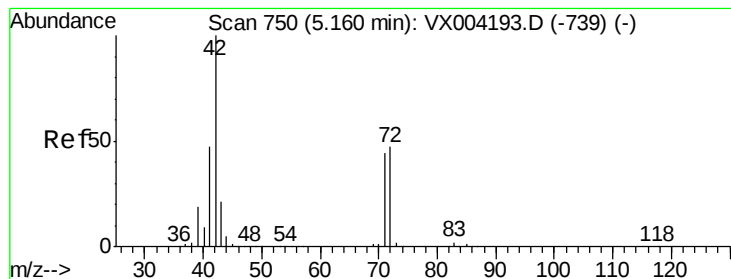


#28

Bromochloromethane
 Concen: 1.025 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 49 Resp: 3123
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 83.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 5.542 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

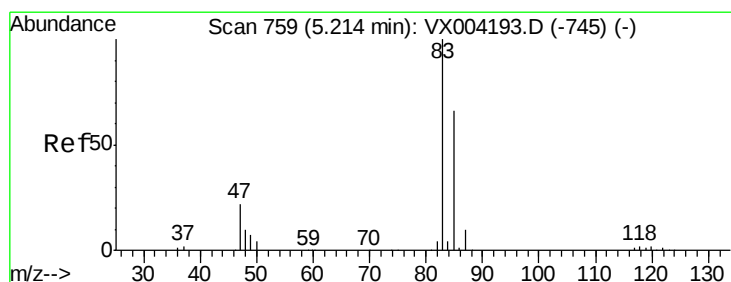
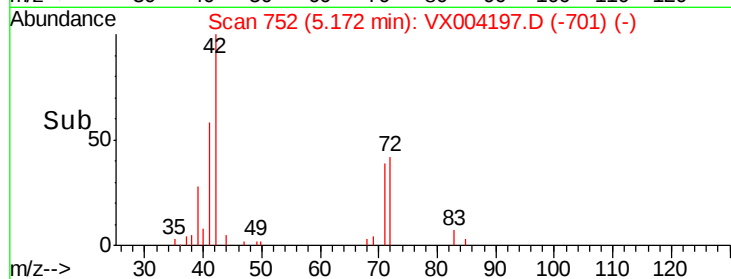
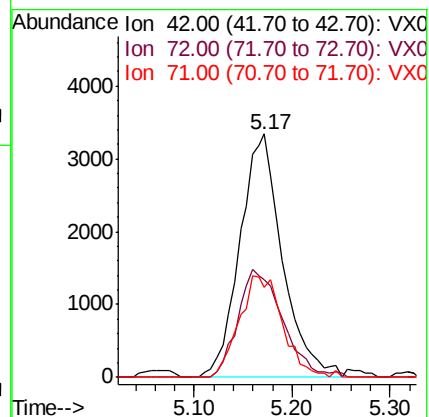
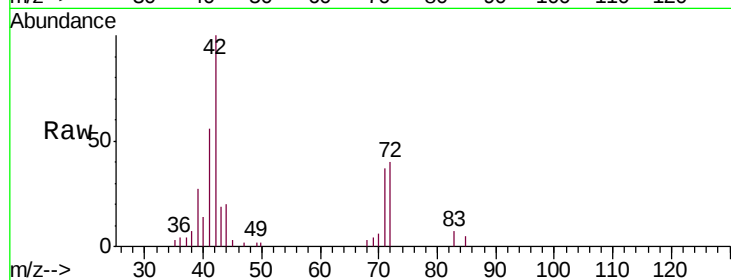
Tgt Ion: 42 Resp: 10081

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.0

71 42.1 34.5 51.7



#30

Chloroform

Concen: 1.119 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004197.D

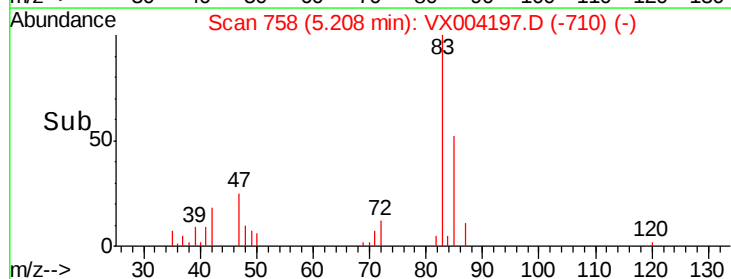
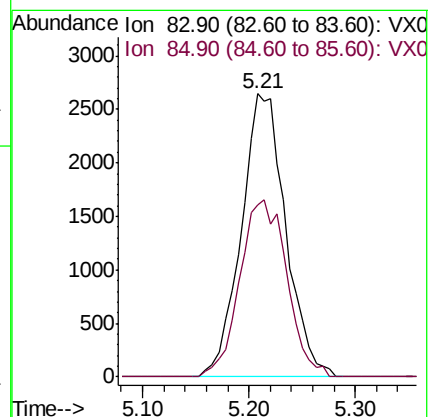
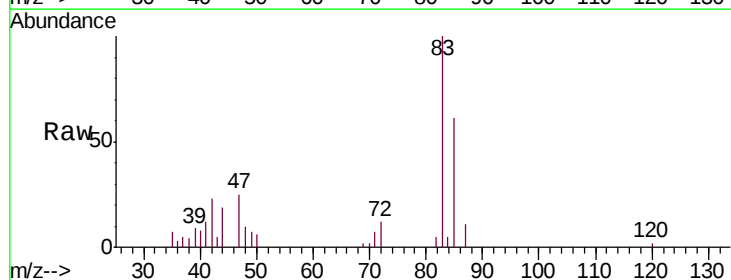
Acq: 22 Aug 2018 13:29

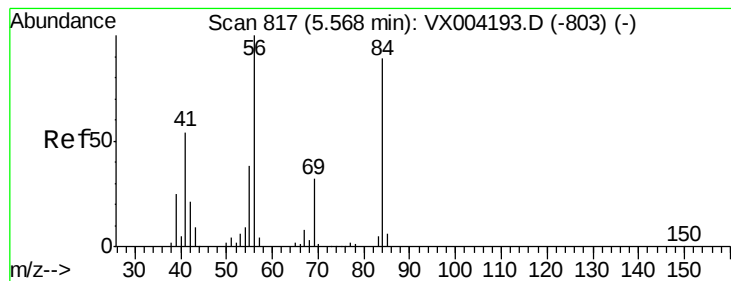
Tgt Ion: 83 Resp: 7722

Ion Ratio Lower Upper

83 100

85 60.7 52.6 79.0





#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

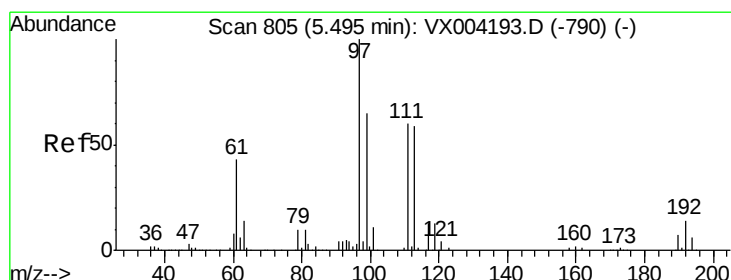
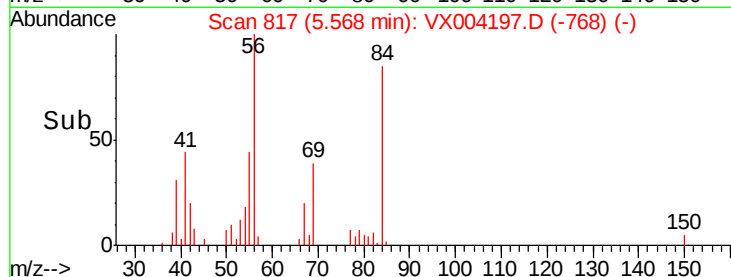
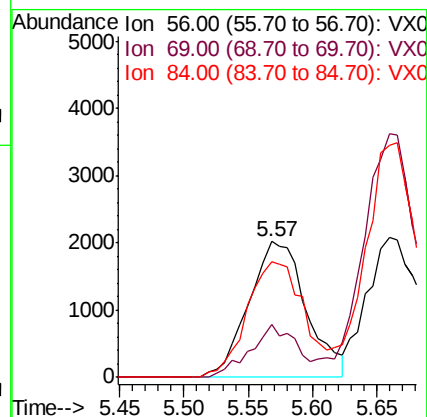
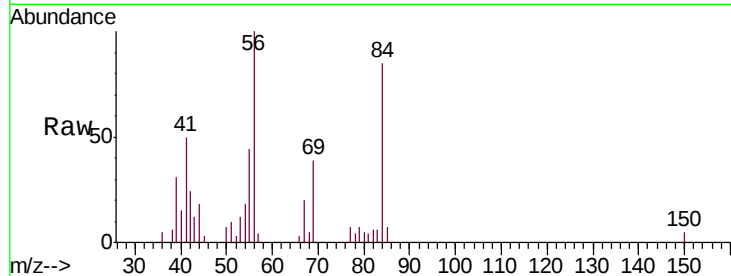
Tgt Ion: 56 Resp: 6269

Ion Ratio Lower Upper

56 100

69 38.9 25.4 38.2#

84 84.9 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 1.029 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

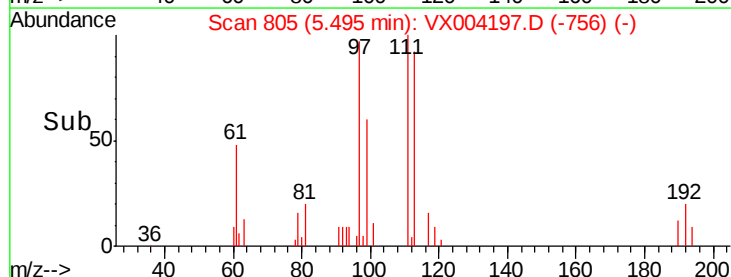
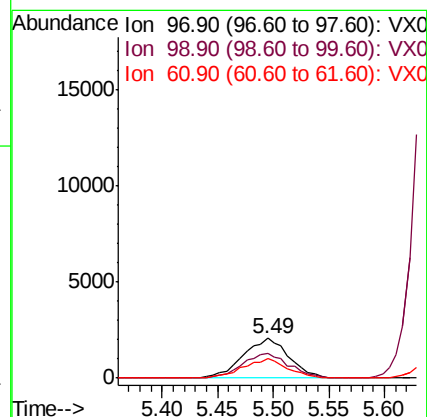
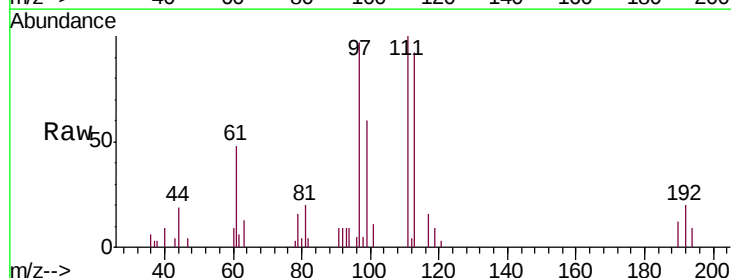
Tgt Ion: 97 Resp: 5916

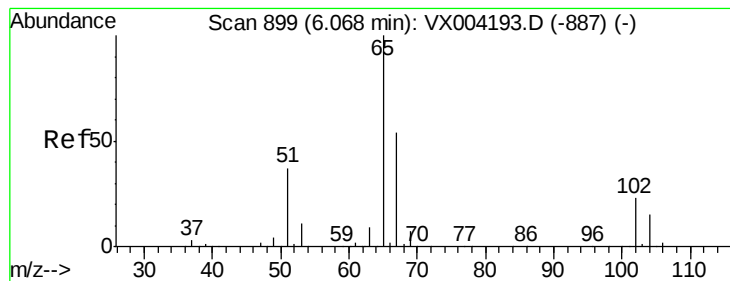
Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 46.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 1.891 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

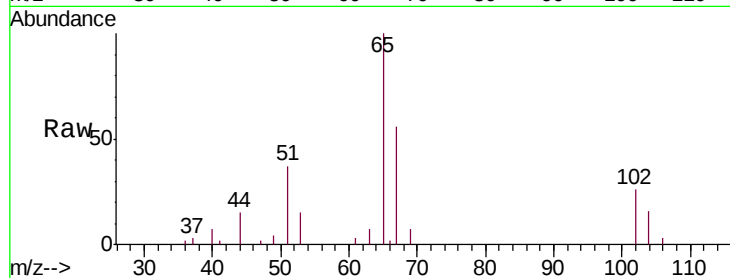
VSTDIC001

Tgt Ion: 65 Resp: 8007

Ion Ratio Lower Upper

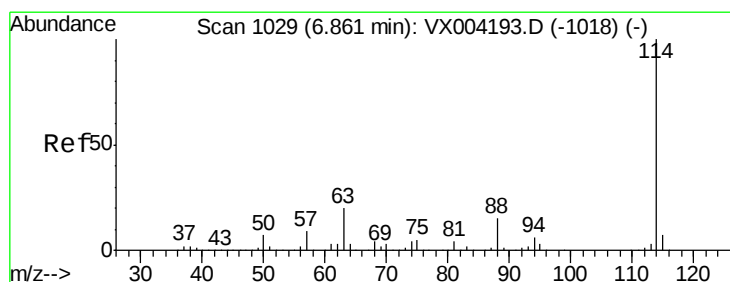
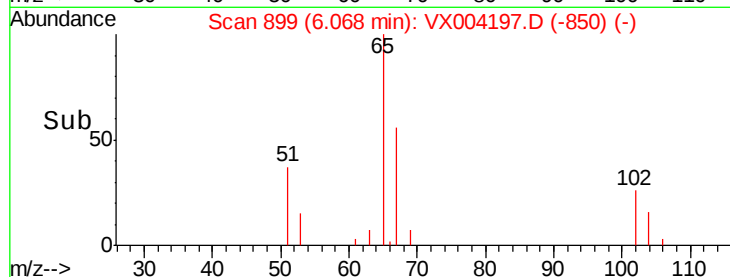
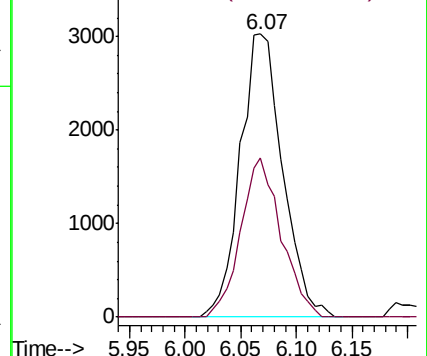
65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

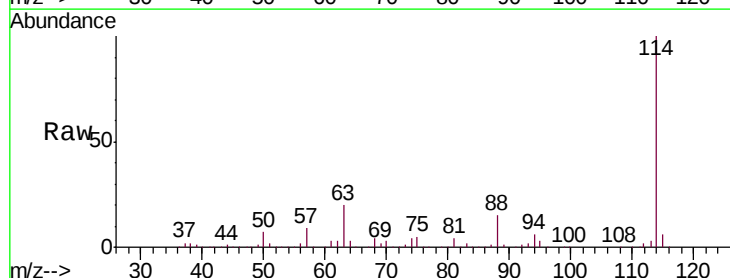
Tgt Ion: 114 Resp: 486654

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

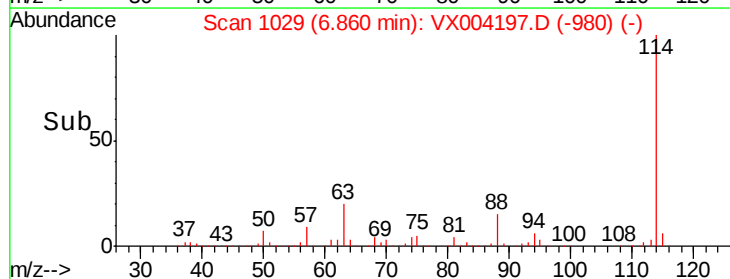
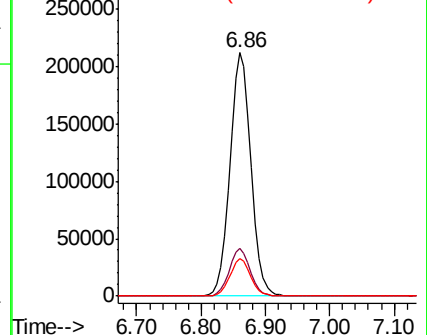
88 15.4 0.0 30.4

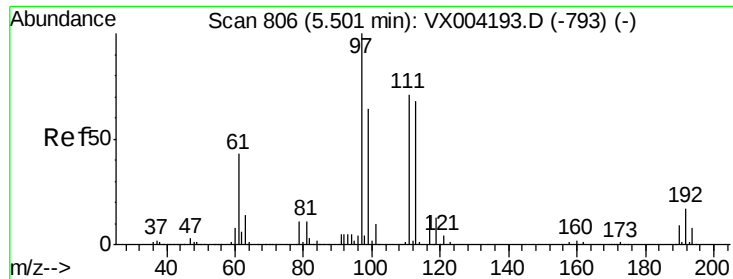


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

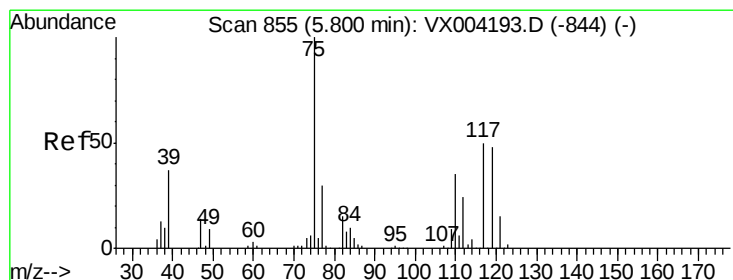
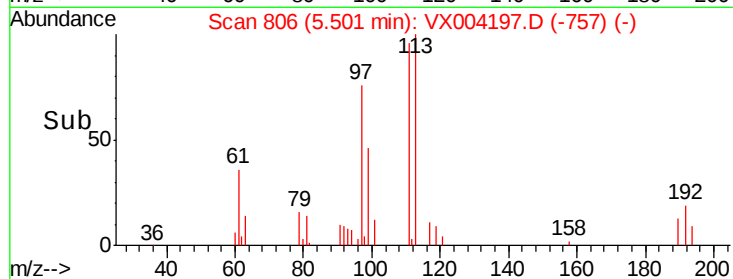
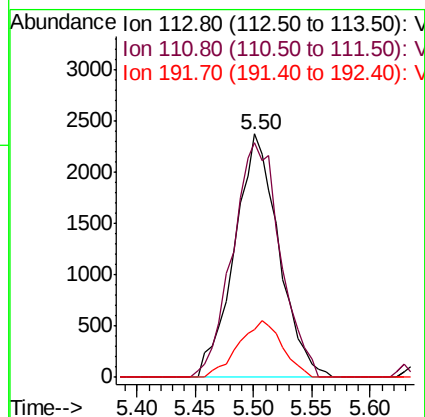
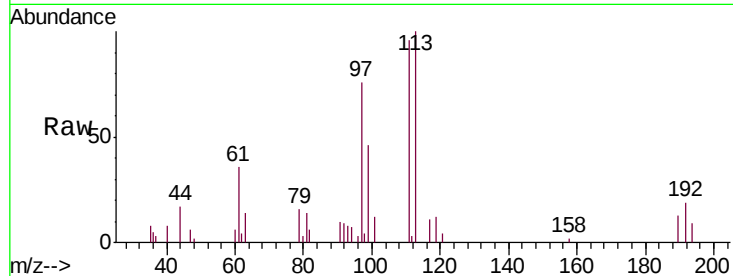




#35
 Dibromofluoromethane
 Concen: 1.736 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

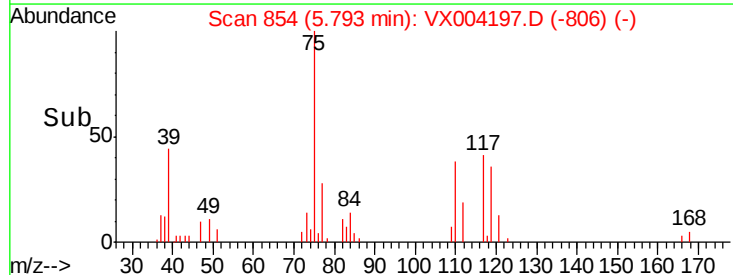
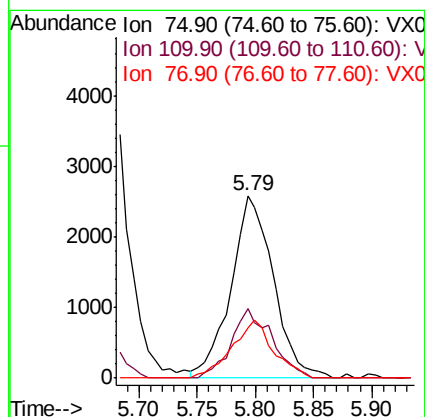
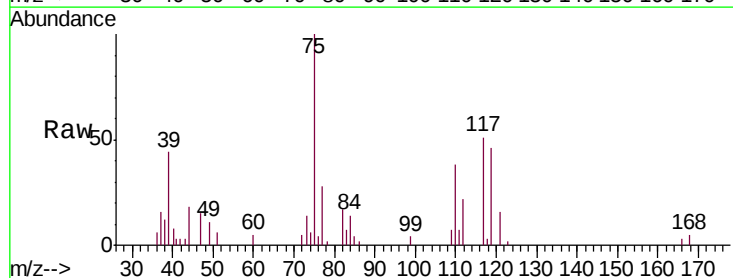
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

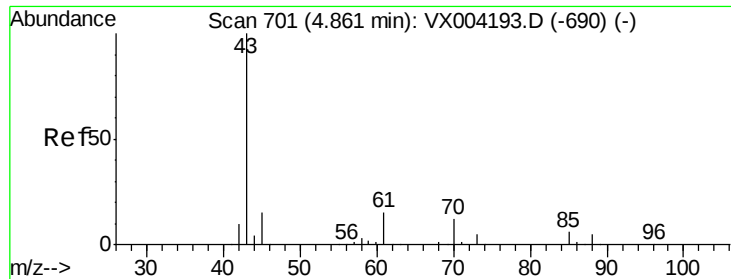
Tgt Ion:113 Resp: 6284
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 22.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 1.199 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 75 Resp: 6561
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.0 54.0
 77 31.1 24.6 36.8

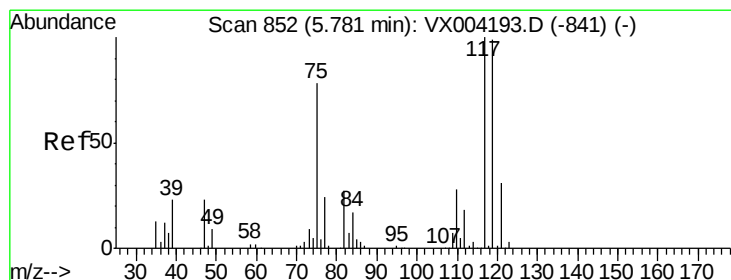
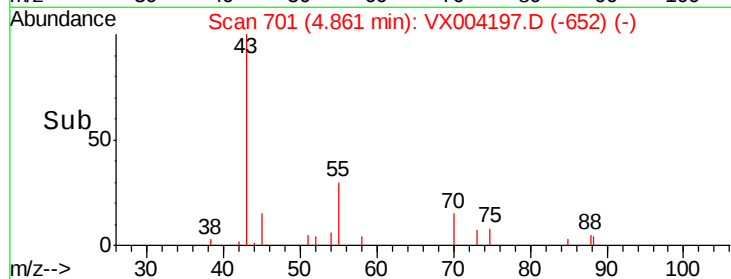
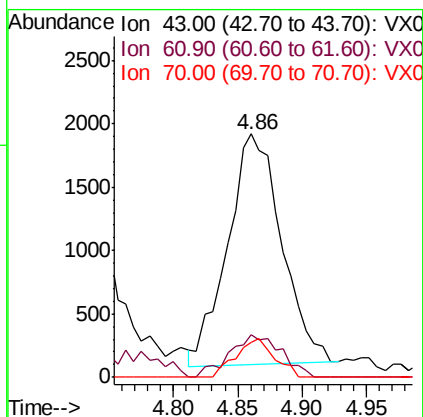
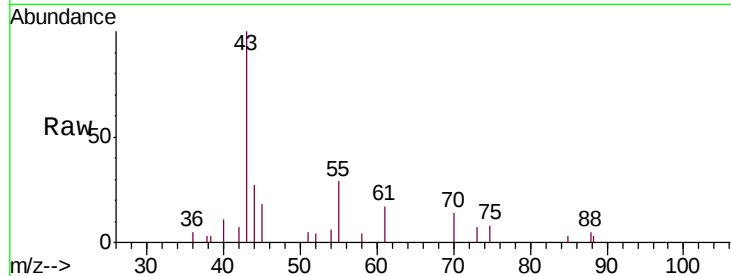




#37
Ethyl Acetate
Concen: 0.980 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

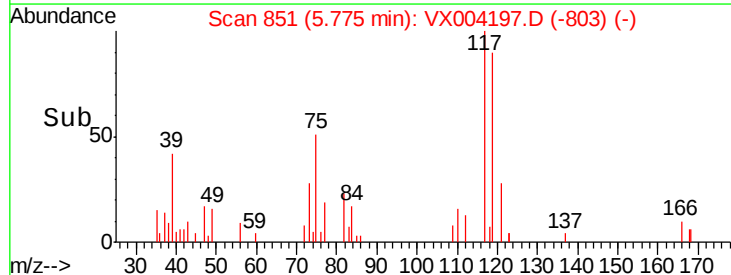
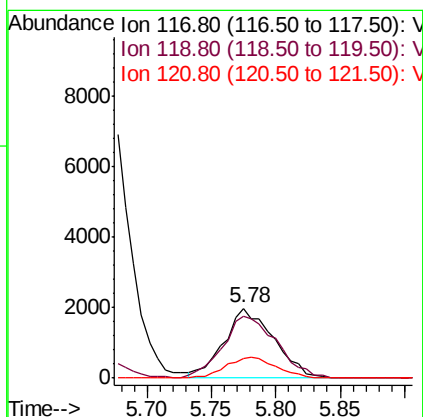
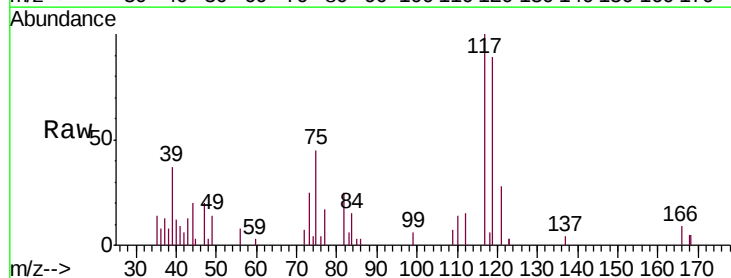
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

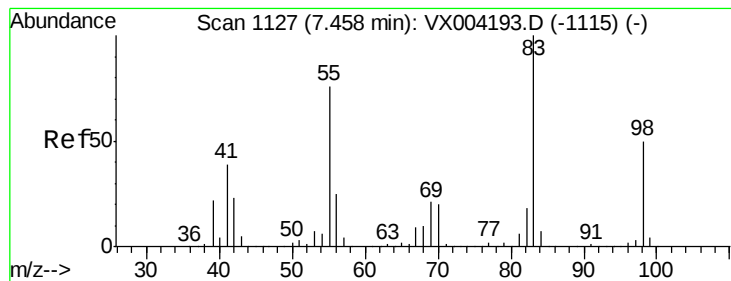
Tgt Ion: 43 Resp: 5275
Ion Ratio Lower Upper
43 100
61 17.8 11.5 17.3#
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 1.034 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 117 Resp: 5320
Ion Ratio Lower Upper
117 100
119 89.0 78.8 118.2
121 27.9 24.9 37.3





#39

Methylcyclohexane

Concen: 1.119 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

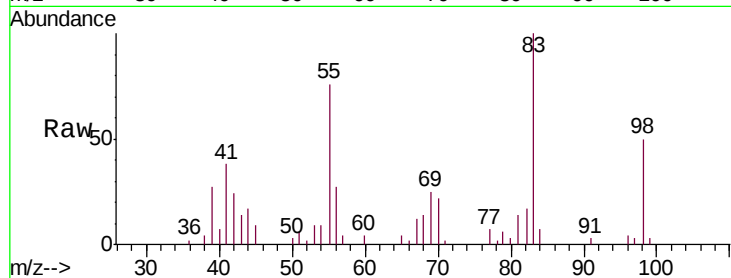
Tgt Ion: 83 Resp: 6991

Ion Ratio Lower Upper

83 100

55 75.7 61.0 91.4

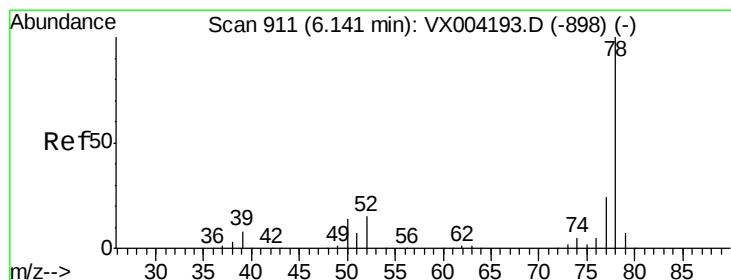
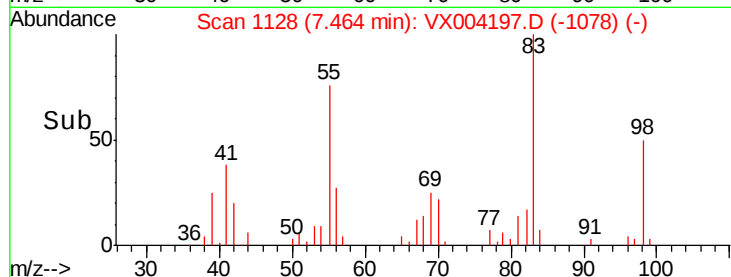
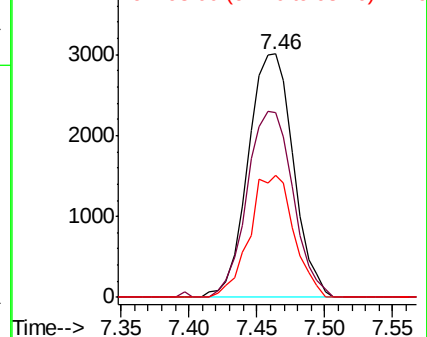
98 50.1 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 1.070 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.00 min

Lab File: VX004197.D

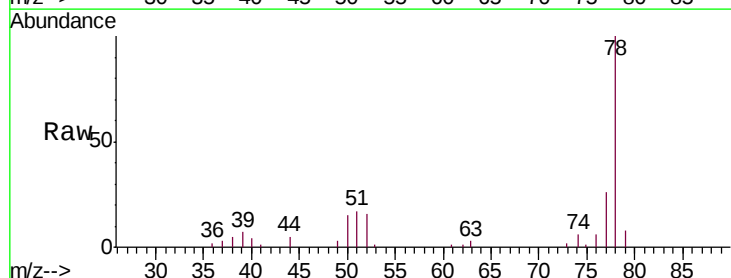
Acq: 22 Aug 2018 13:29

Tgt Ion: 78 Resp: 17494

Ion Ratio Lower Upper

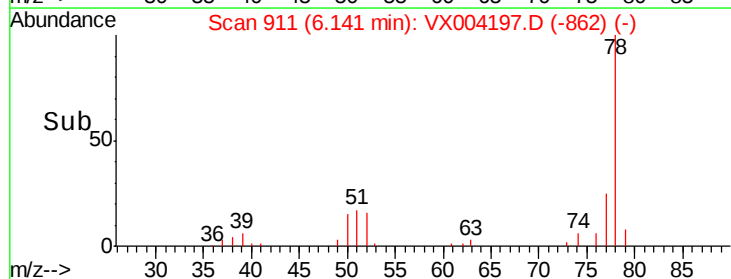
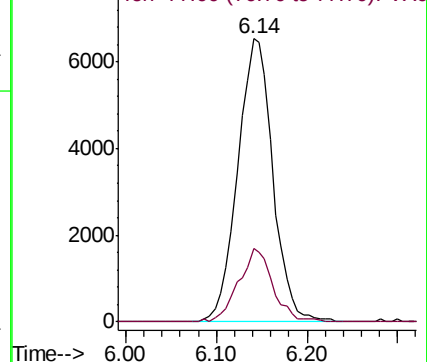
78 100

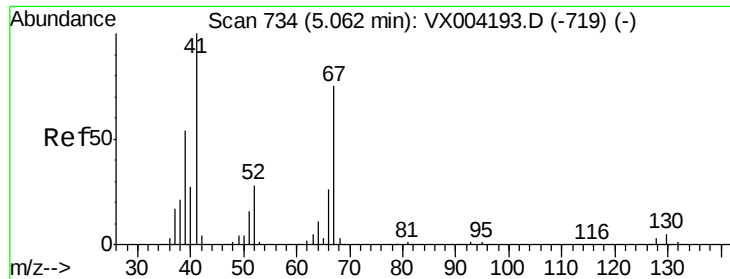
77 25.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

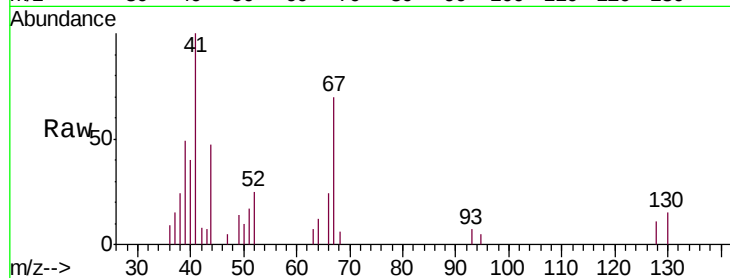




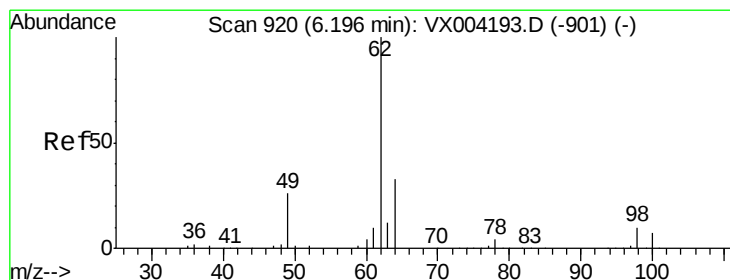
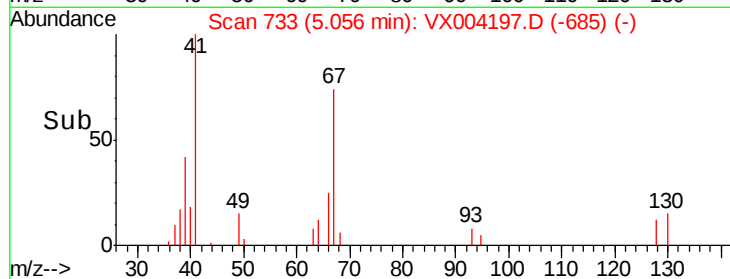
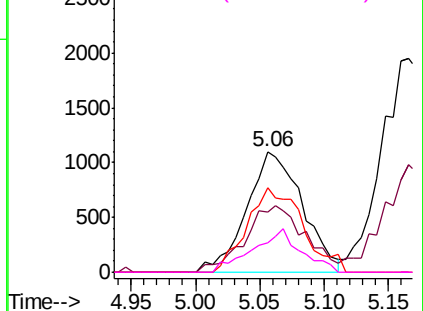
#41
Methacrylonitrile
Concen: 1.058 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	41	Resp:	3301
Ion	Ratio	Lower	Upper
41	100		
39	59.6	42.4	63.6
67	70.3	59.2	88.8
52	30.9	23.0	34.4

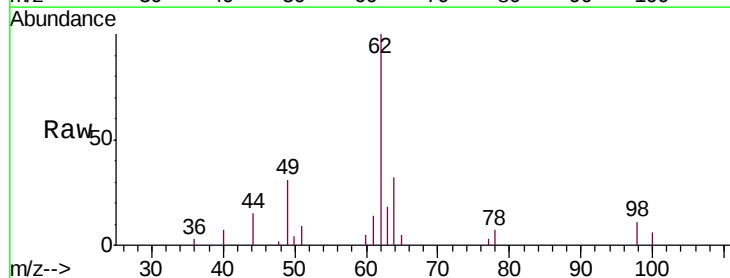


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

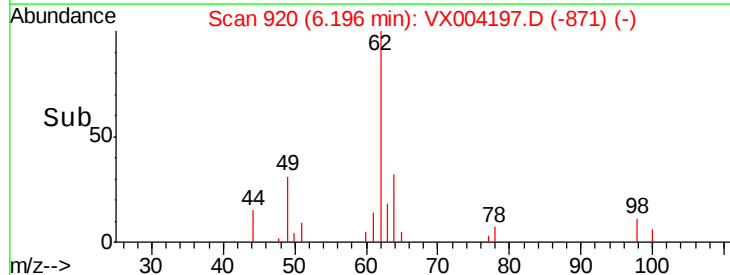
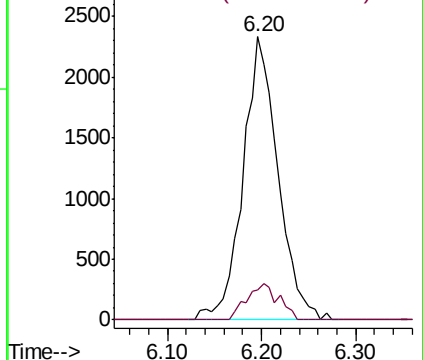


#42
1,2-Dichloroethane
Concen: 1.090 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:	62	Resp:	6077
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

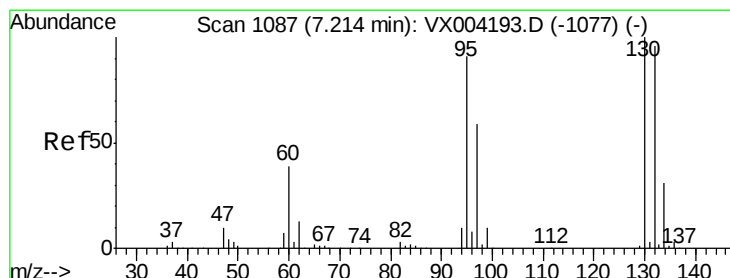
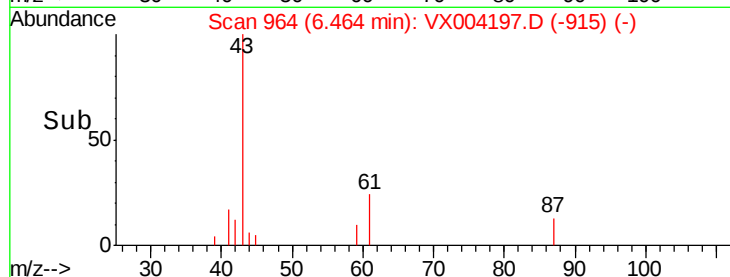
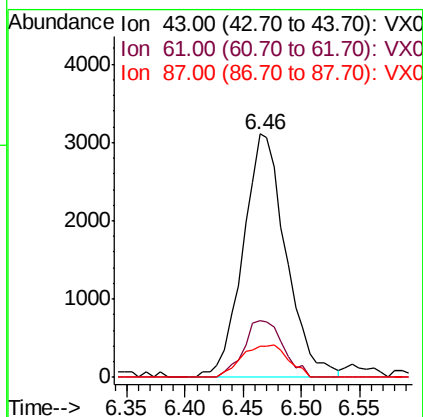
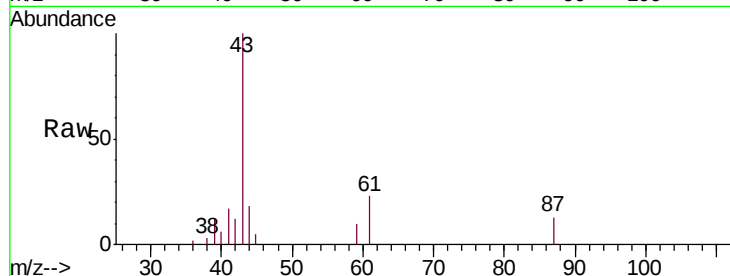




#43
Isopropyl Acetate
Concen: 0.963 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

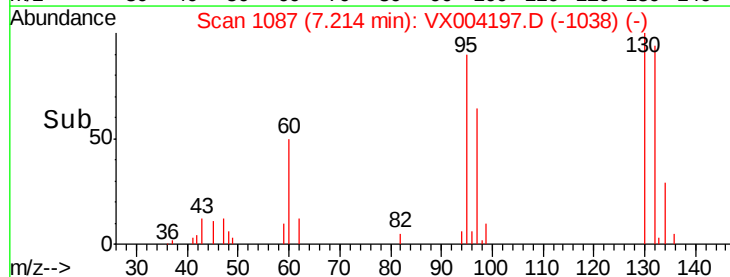
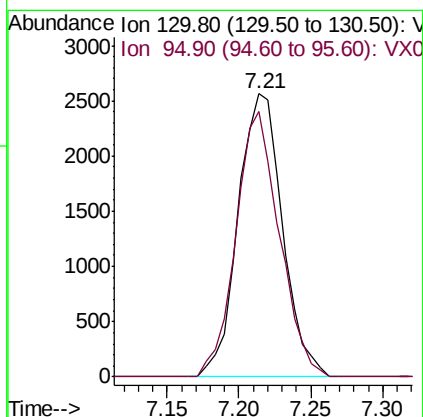
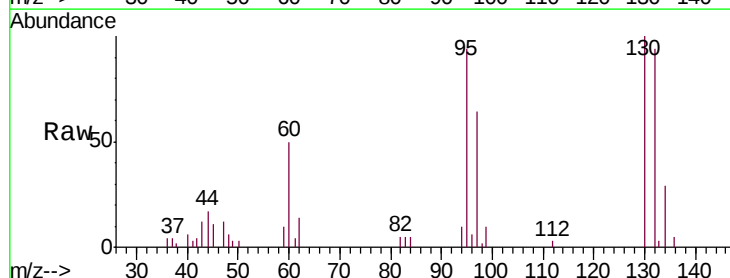
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

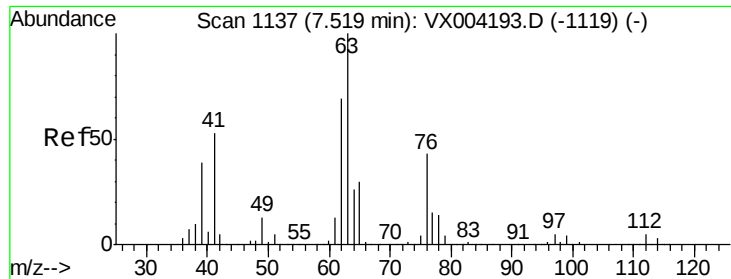
Tgt Ion: 43 Resp: 7960
Ion Ratio Lower Upper
43 100
61 21.4 17.0 25.4
87 14.2 11.4 17.2



#44
Trichloroethene
Concen: 1.211 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 130 Resp: 5482
Ion Ratio Lower Upper
130 100
95 93.7 0.0 181.6

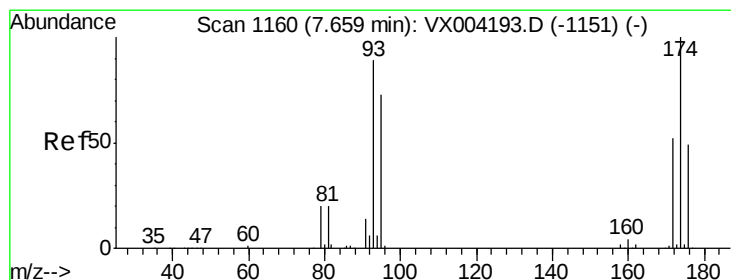
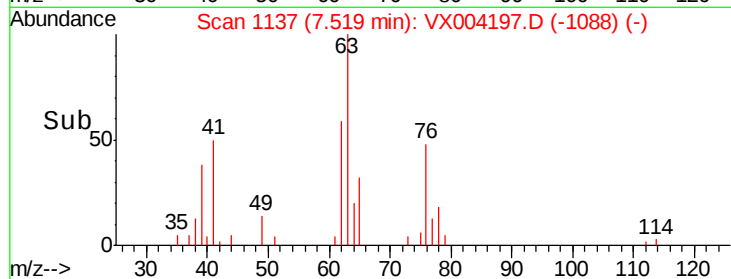
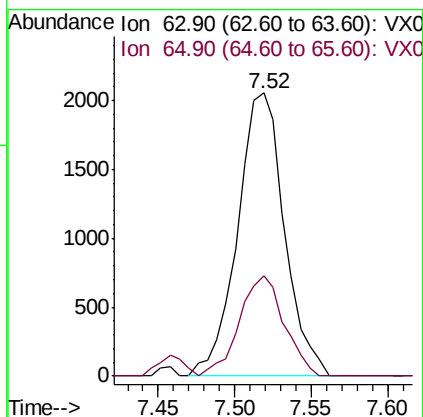
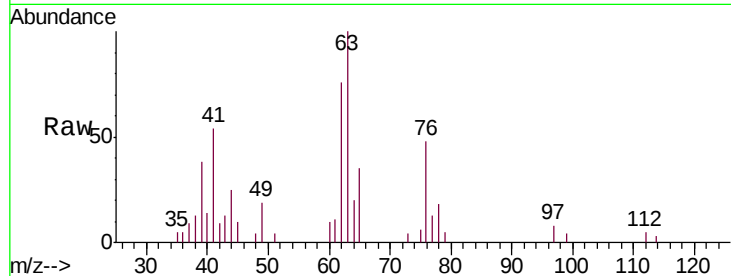




#45
 1,2-Dichloropropane
 Concen: 1.069 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

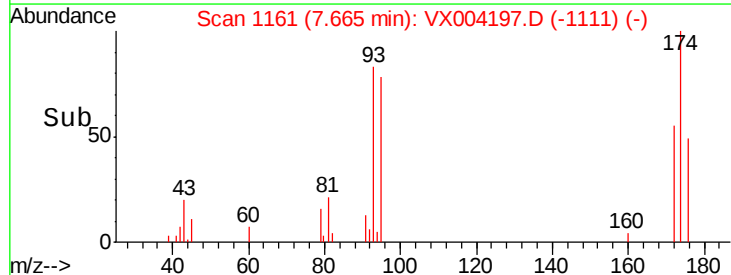
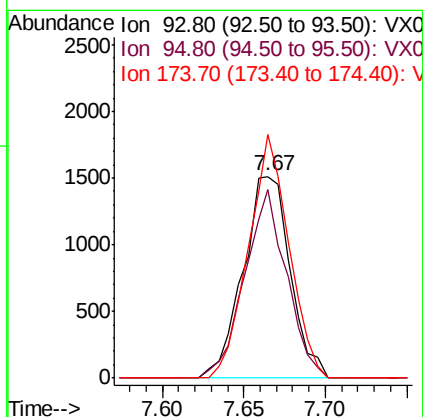
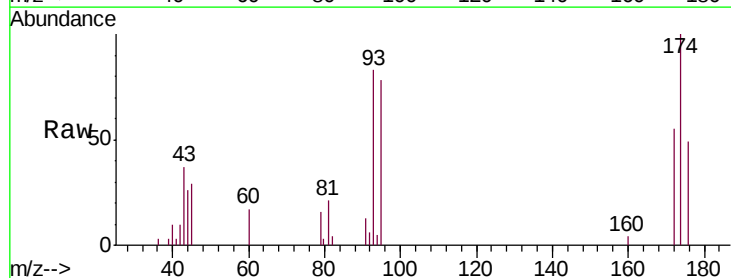
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

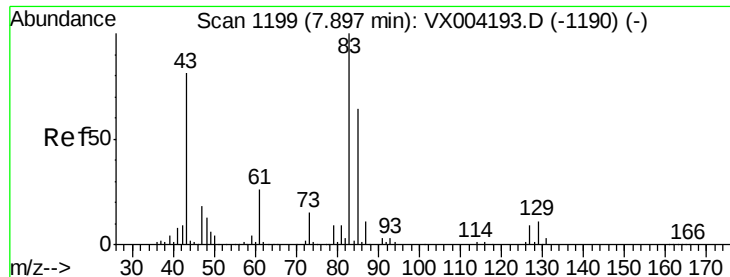
Tgt Ion: 63 Resp: 4375
 Ion Ratio Lower Upper
 63 100
 65 35.3 24.3 36.5



#46
 Dibromomethane
 Concen: 1.113 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 93 Resp: 3032
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 104.1 94.2 141.4





#47

Bromodichloromethane

Concen: 0.989 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

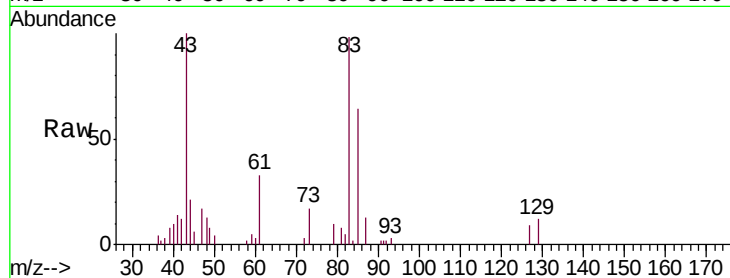
Tgt Ion: 83 Resp: 5011

Ion Ratio Lower Upper

83 100

85 65.7 50.9 76.3

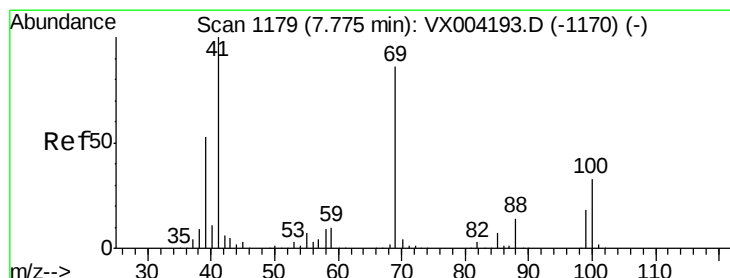
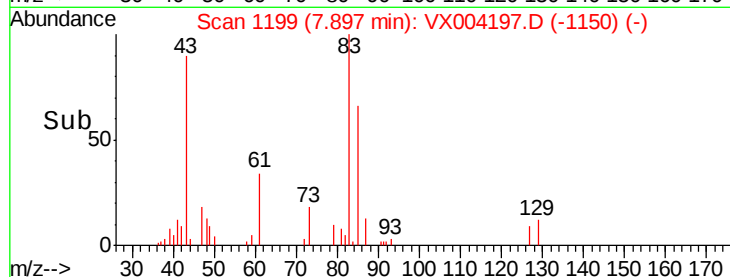
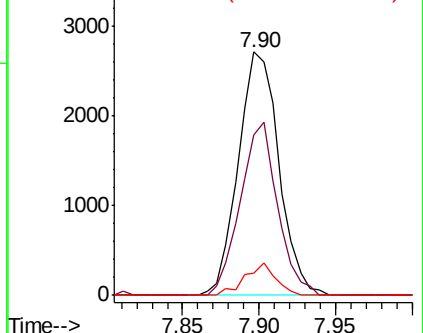
127 9.1 7.3 10.9



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: 0.974 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

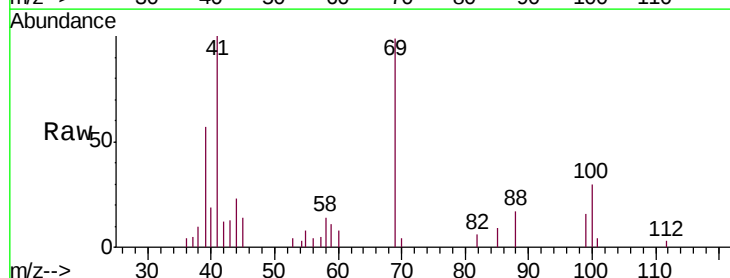
Tgt Ion: 41 Resp: 4310

Ion Ratio Lower Upper

41 100

69 79.5 70.2 105.4

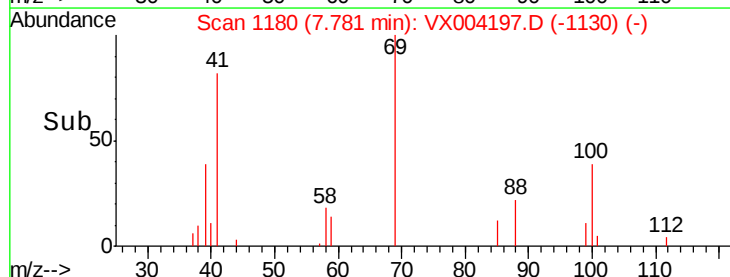
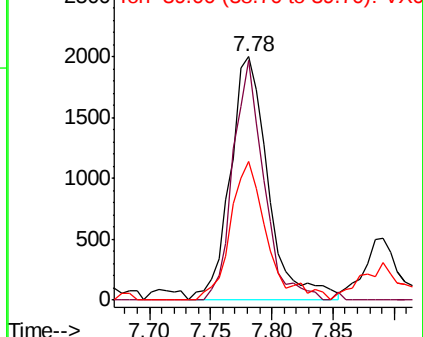
39 54.0 42.7 64.1

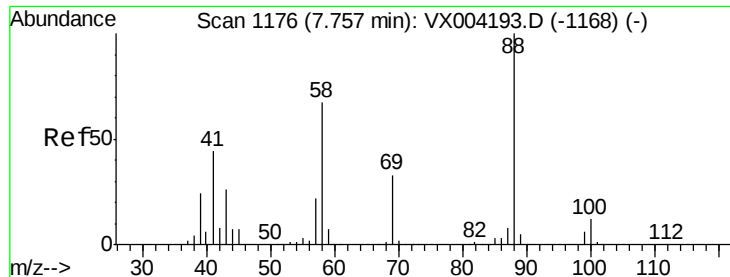


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 19.593 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

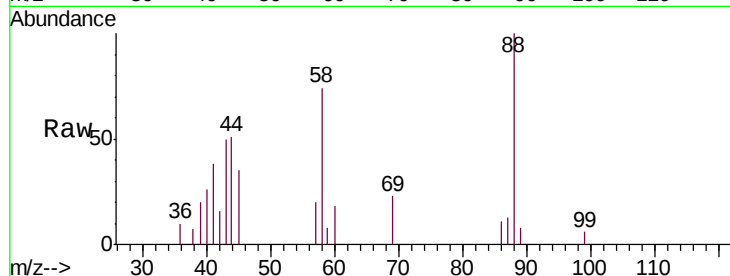
Tgt Ion: 88 Resp: 1968

Ion Ratio Lower Upper

88 100

43 43.2 24.7 37.1#

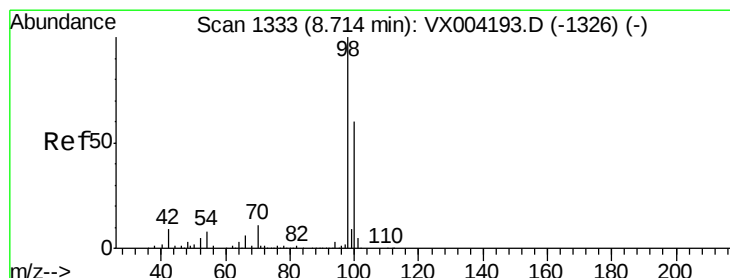
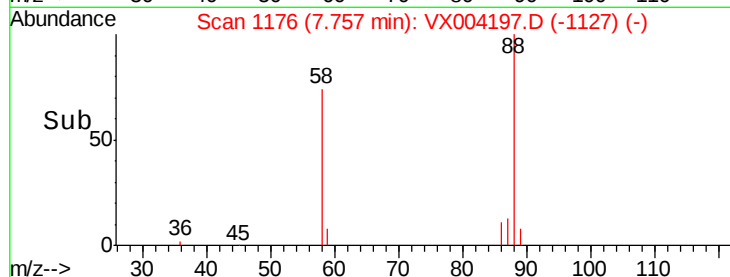
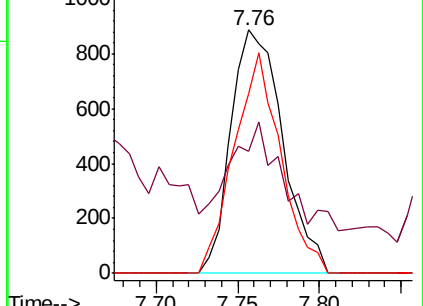
58 81.5 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.626 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004197.D

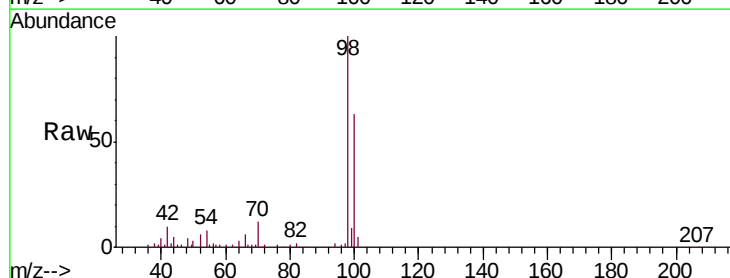
Acq: 22 Aug 2018 13:29

Tgt Ion: 98 Resp: 22215

Ion Ratio Lower Upper

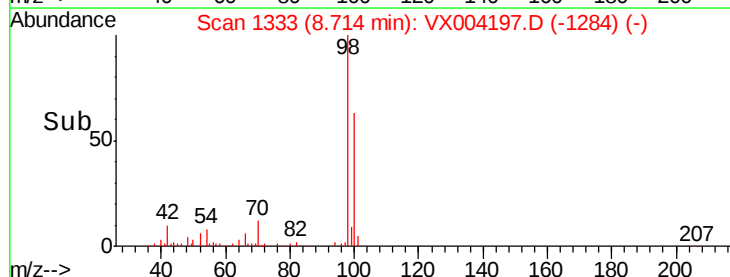
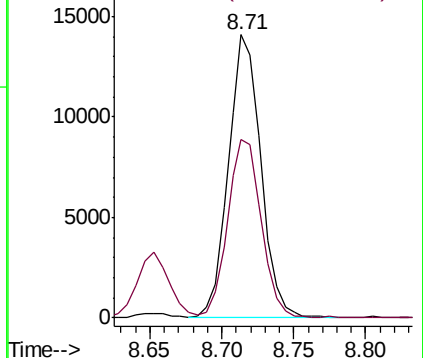
98 100

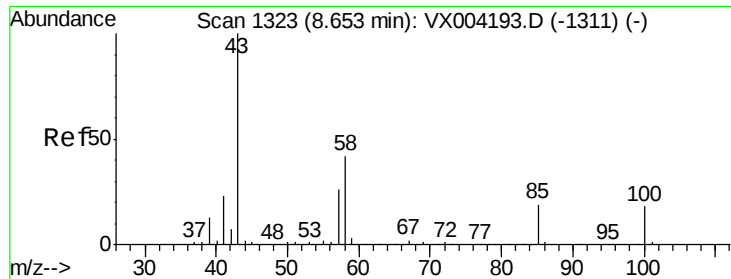
100 65.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 5.256 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

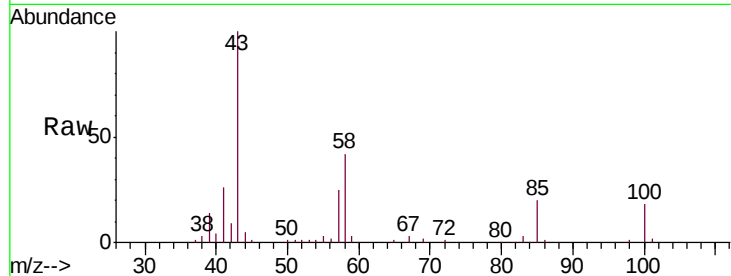
VSTDIC001

Tgt Ion: 43 Resp: 31572

Ion Ratio Lower Upper

43 100

58 39.6 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

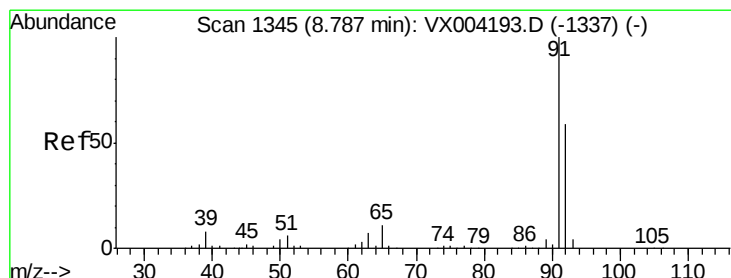
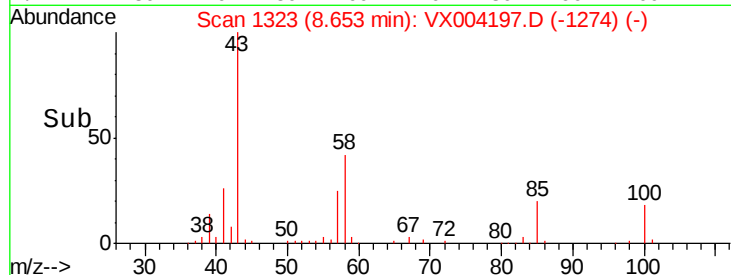
10000

5000

0

8.60 8.65 8.70 8.80

Time-->



#52

Toluene

Concen: 1.028 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004197.D

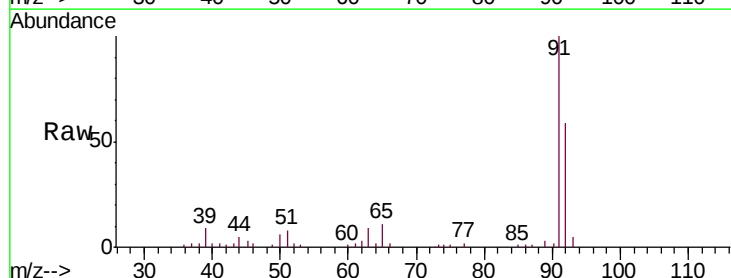
Acq: 22 Aug 2018 13:29

Tgt Ion: 92 Resp: 10524

Ion Ratio Lower Upper

92 100

91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

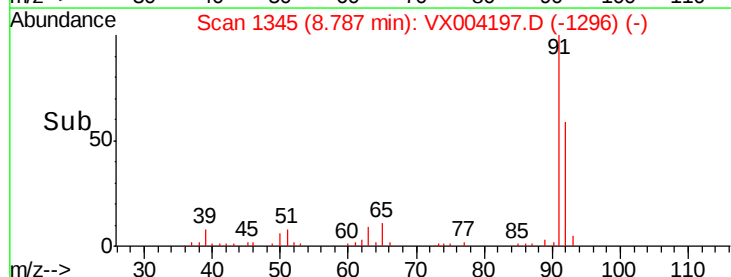
10000

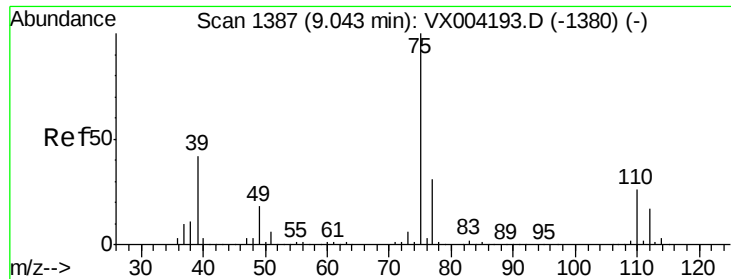
5000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.928 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

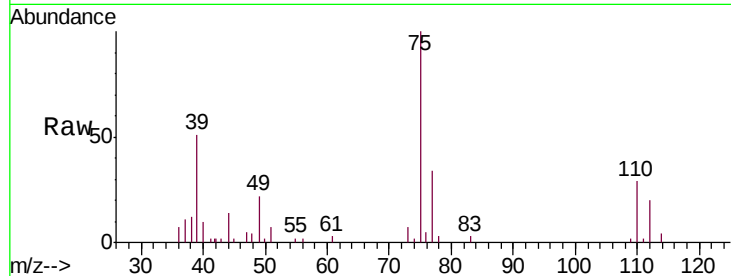
VSTDIC001

Tgt Ion: 75 Resp: 5196

Ion Ratio Lower Upper

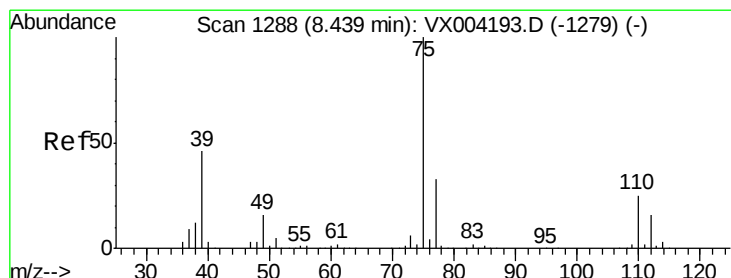
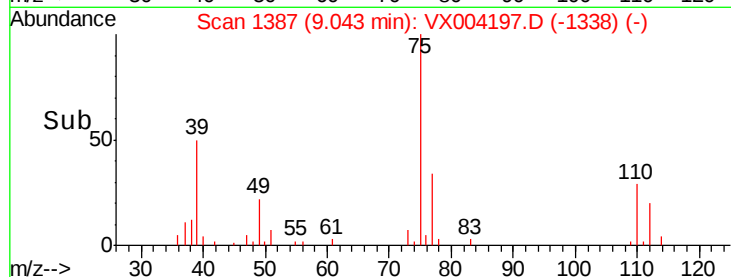
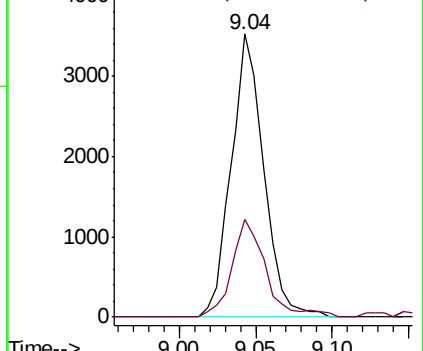
75 100

77 34.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.927 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

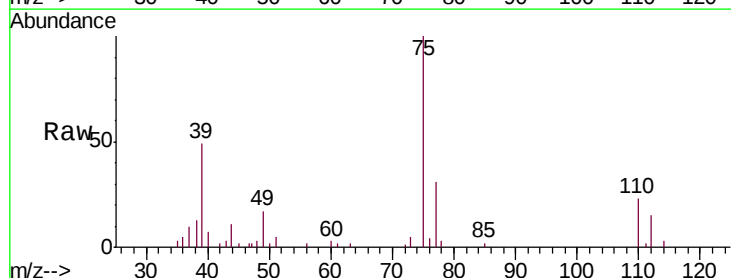
Tgt Ion: 75 Resp: 5654

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

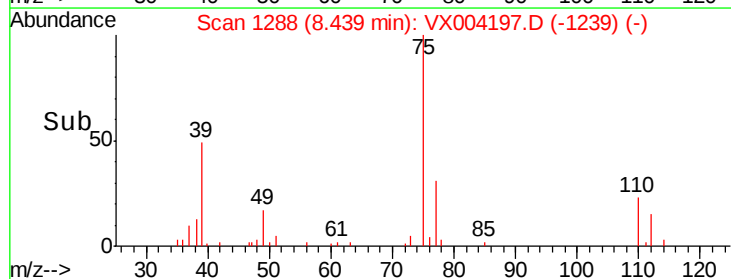
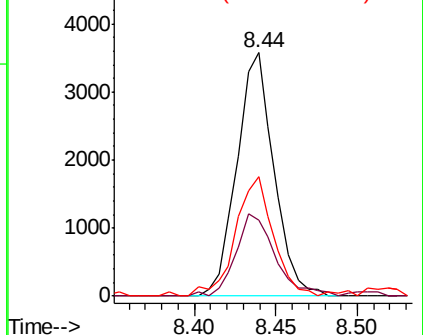
39 49.0 36.4 54.6

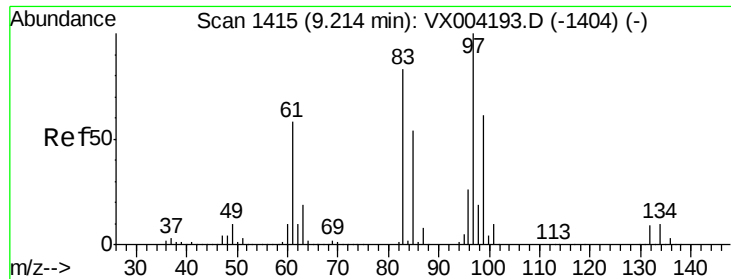


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

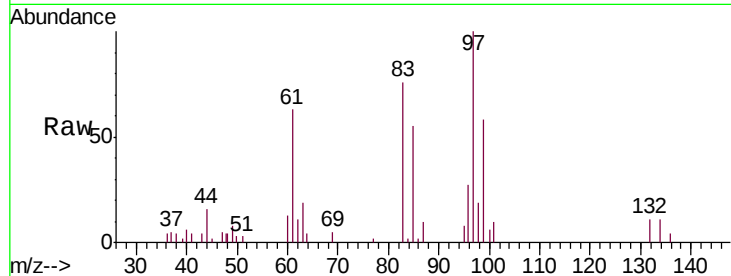




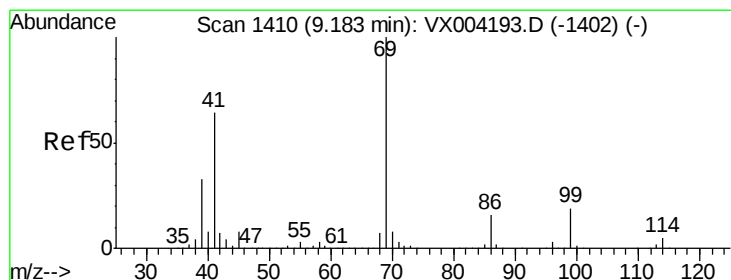
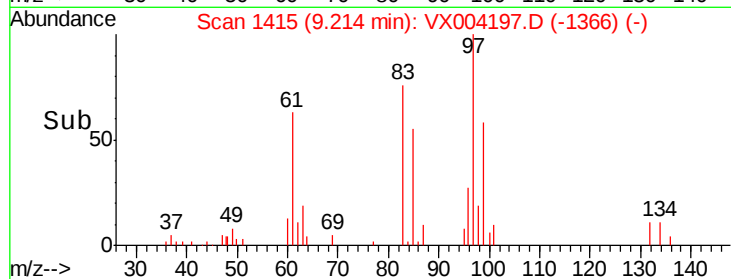
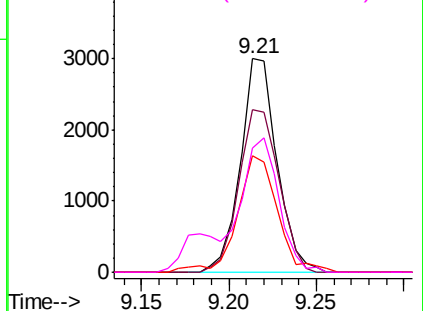
#55
 1,1,2-Trichloroethane
 Concen: 1.056 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:	97	Resp:	4362
Ion	Ratio	Lower	Upper
97	100		
83	76.4	66.4	99.6
85	54.5	43.3	64.9
99	57.9	49.0	73.4

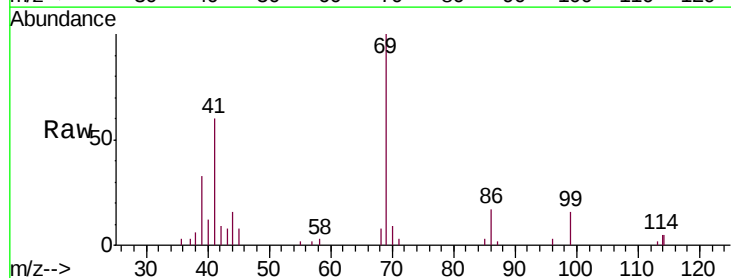


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

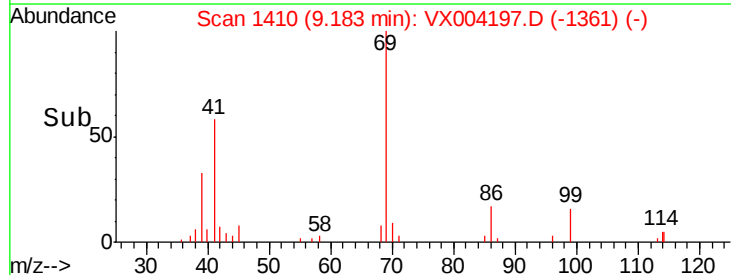
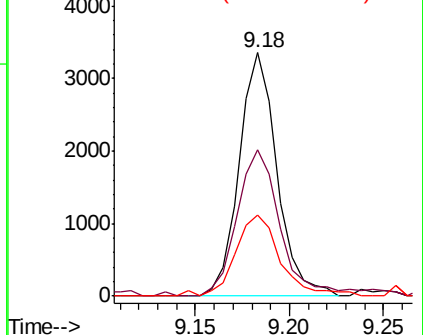


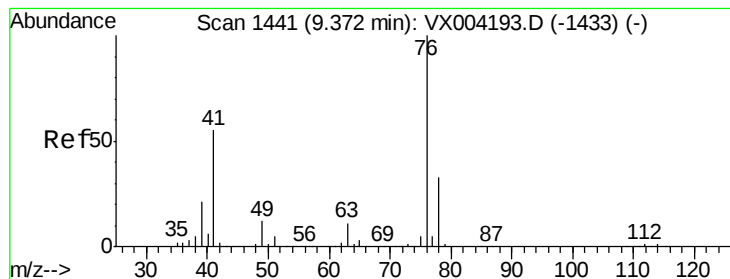
#56
 Ethyl methacrylate
 Concen: 0.831 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:	69	Resp:	4674
Ion	Ratio	Lower	Upper
69	100		
41	70.5	51.0	76.4
39	39.7	26.1	39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.038 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

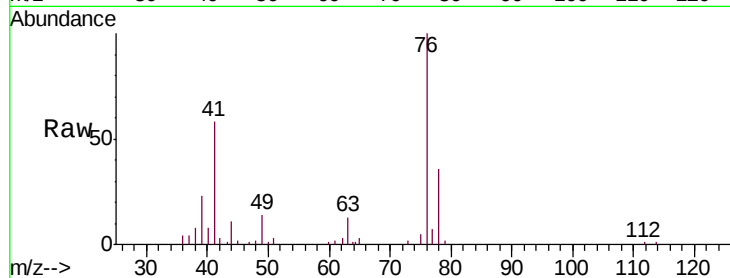
VSTDIC001

Tgt Ion: 76 Resp: 7226

Ion Ratio Lower Upper

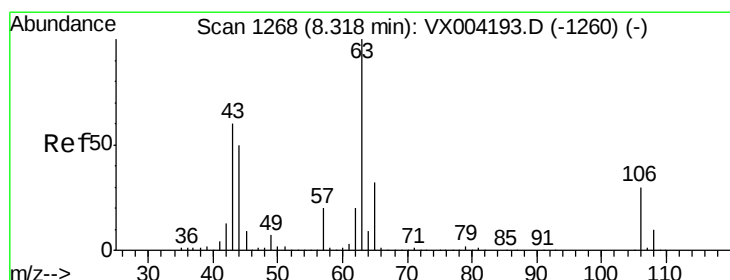
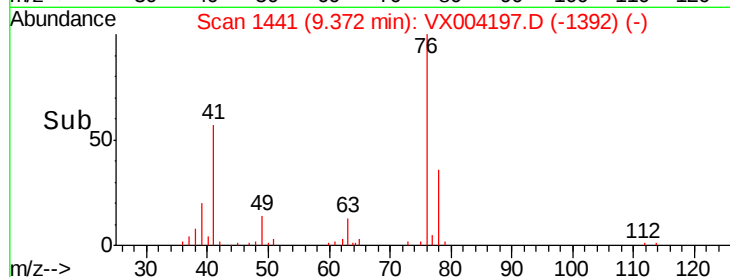
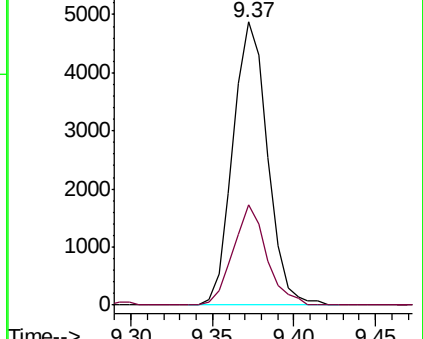
76 100

78 34.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.167 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004197.D

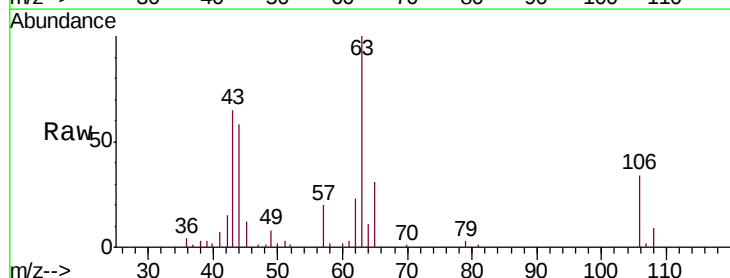
Acq: 22 Aug 2018 13:29

Tgt Ion: 63 Resp: 12006

Ion Ratio Lower Upper

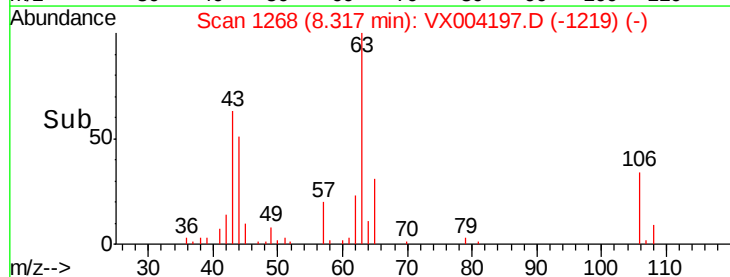
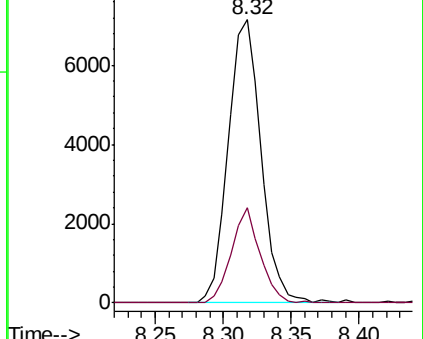
63 100

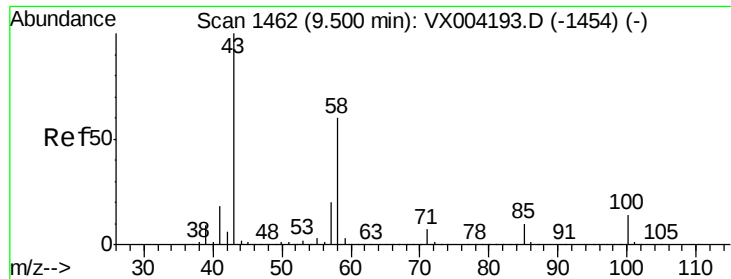
106 29.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

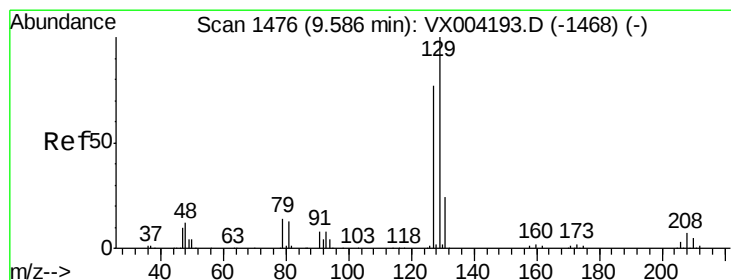
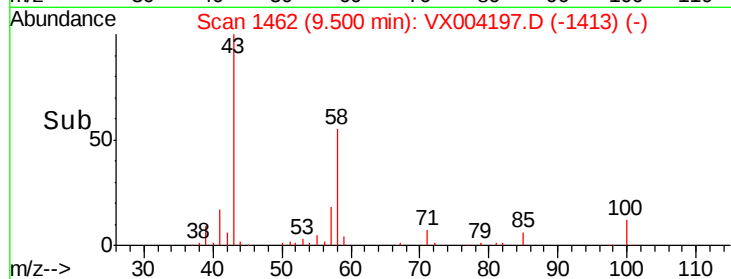
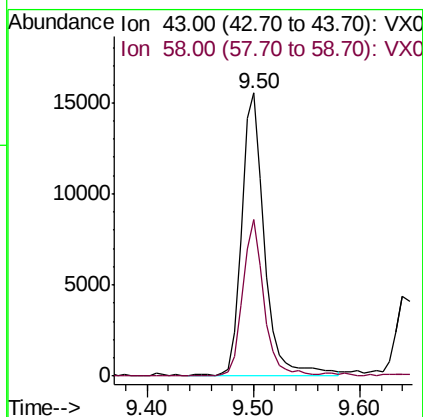
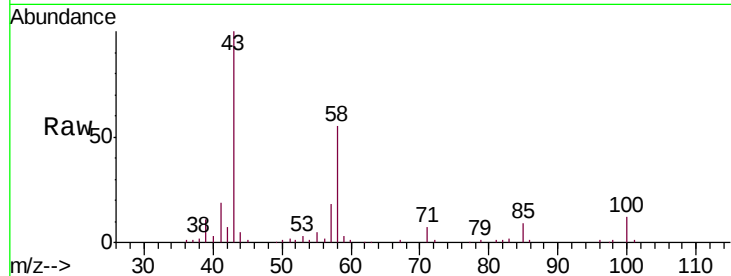




#59
2-Hexanone
Concen: 5.127 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

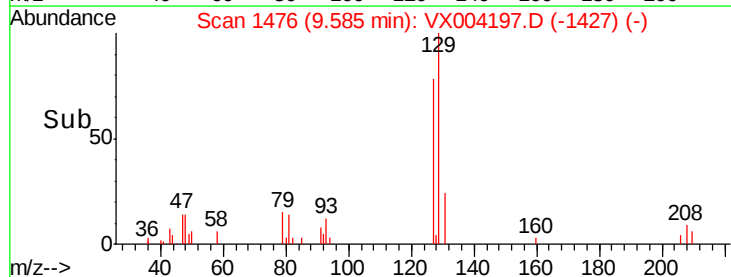
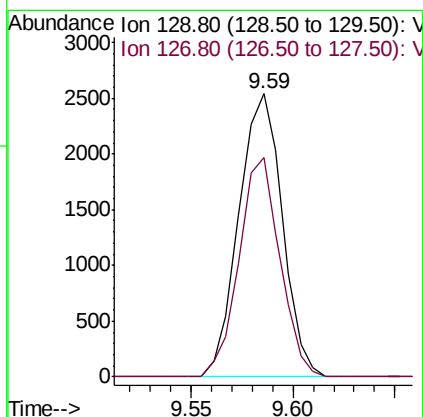
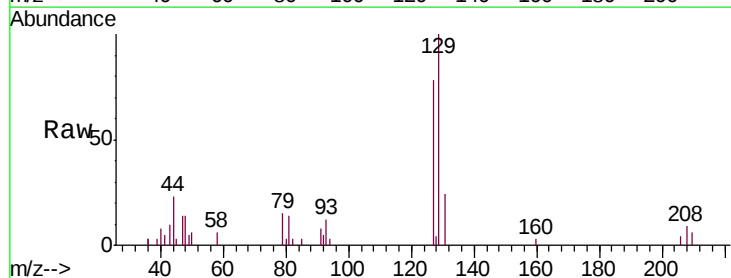
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

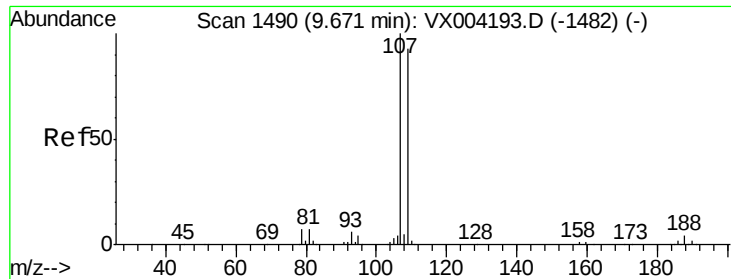
Tgt Ion: 43 Resp: 23499
Ion Ratio Lower Upper
43 100
58 51.2 29.0 87.0



#60
Dibromochloromethane
Concen: 0.935 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 129 Resp: 3764
Ion Ratio Lower Upper
129 100
127 73.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 1.026 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

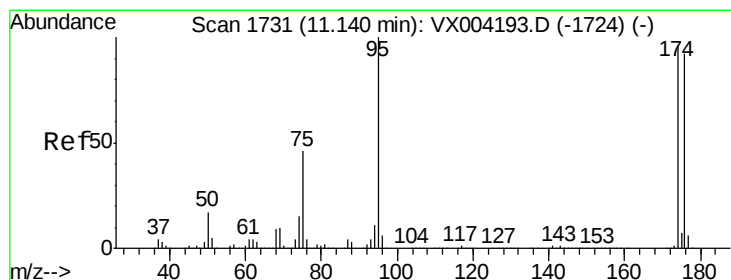
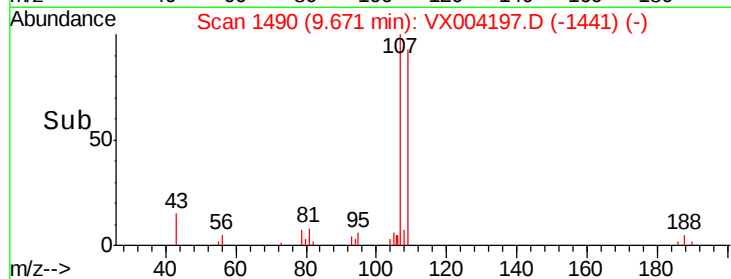
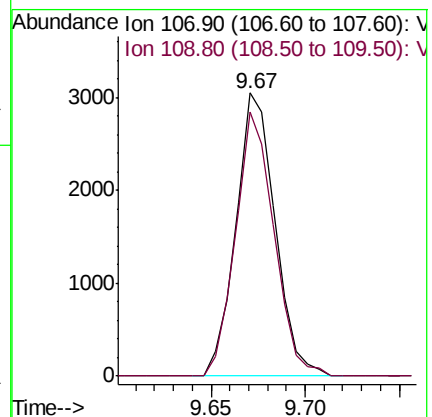
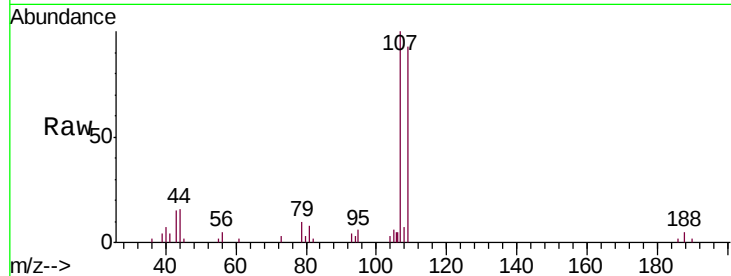
VSTDIC001

Tgt Ion: 107 Resp: 4386

Ion Ratio Lower Upper

107 100

109 91.7 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 1.489 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

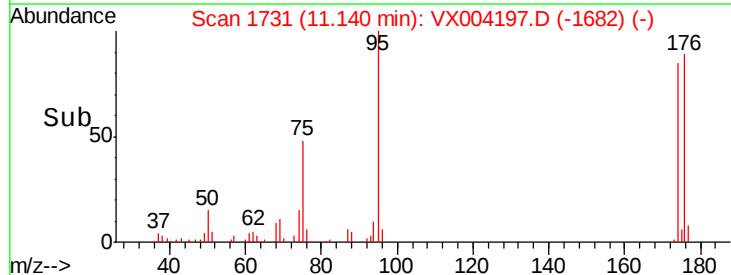
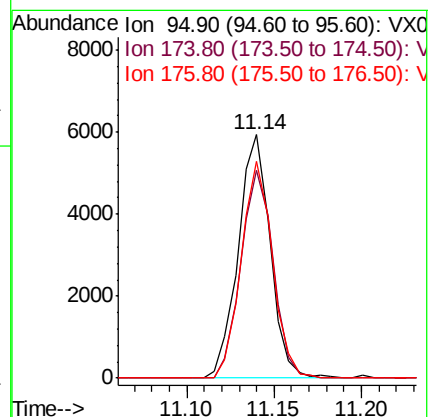
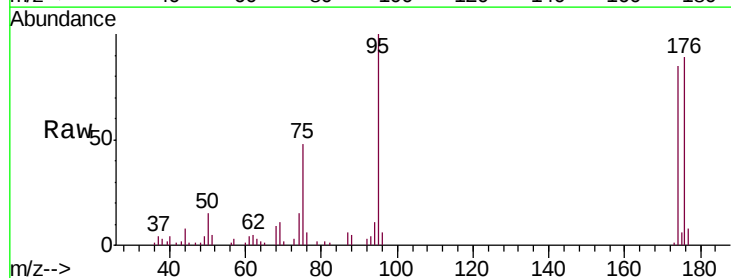
Tgt Ion: 95 Resp: 7591

Ion Ratio Lower Upper

95 100

174 85.5 0.0 185.2

176 86.6 0.0 178.6

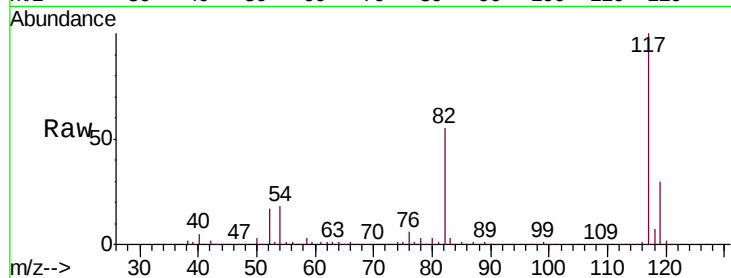




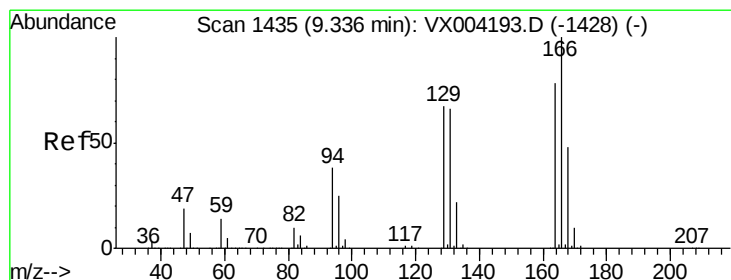
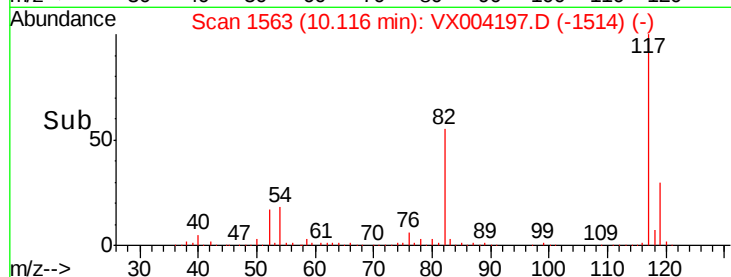
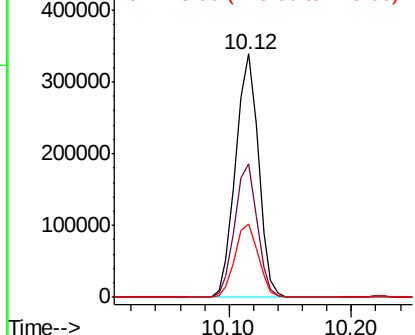
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 437270
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 29.9 29.3 43.9

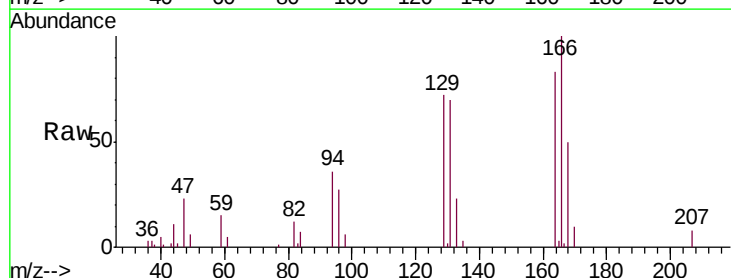


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

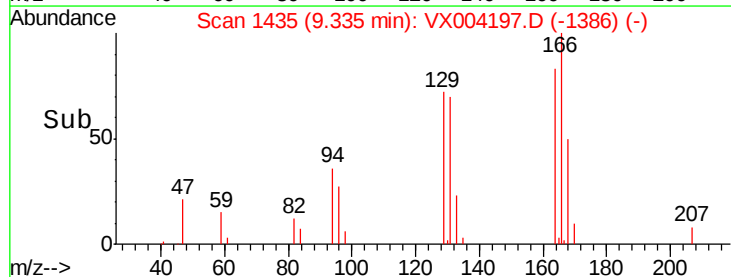
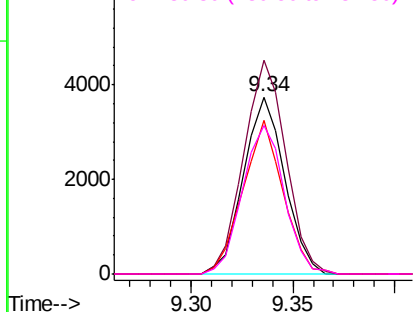


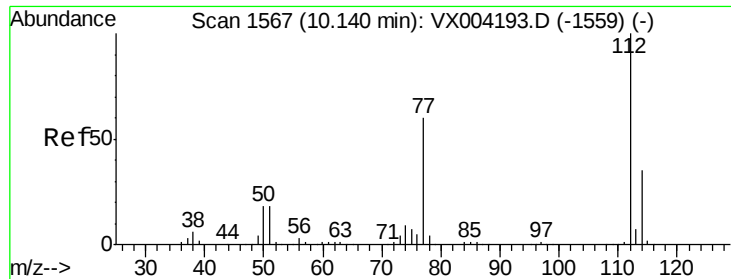
#64
Tetrachloroethene
Concen: 1.215 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:164 Resp: 5248
Ion Ratio Lower Upper
164 100
166 120.7 102.8 154.2
129 86.7 69.4 104.0
131 84.2 67.9 101.9



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

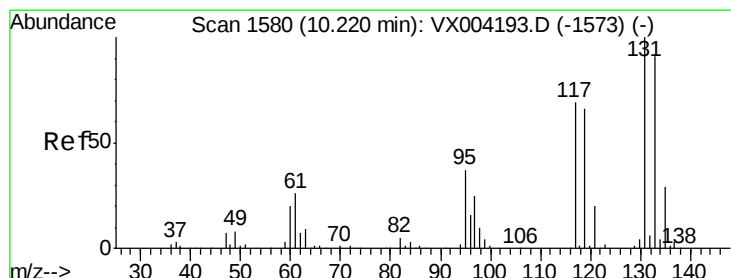
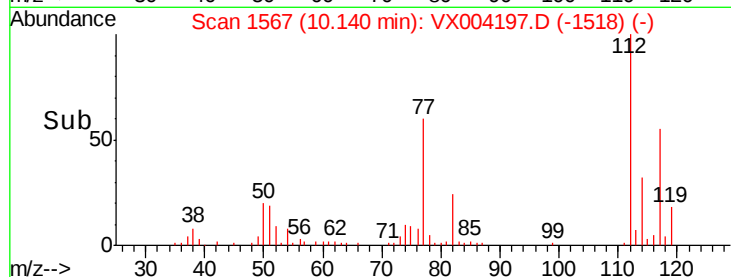
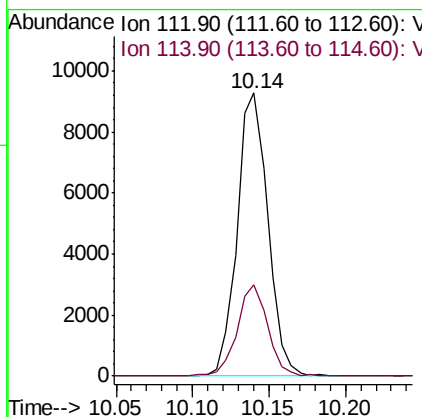
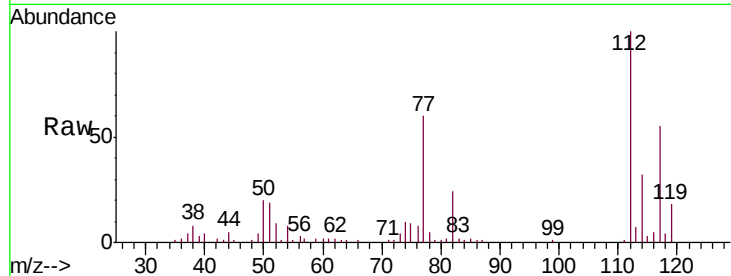




#65
Chlorobenzene
Concen: 1.172 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

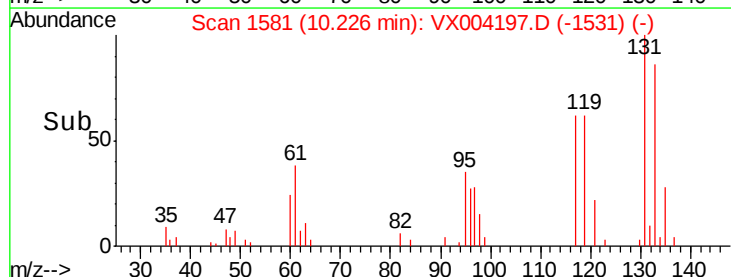
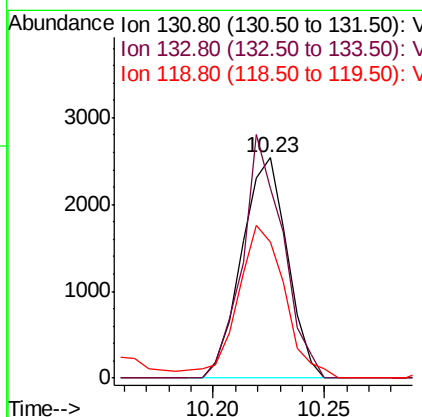
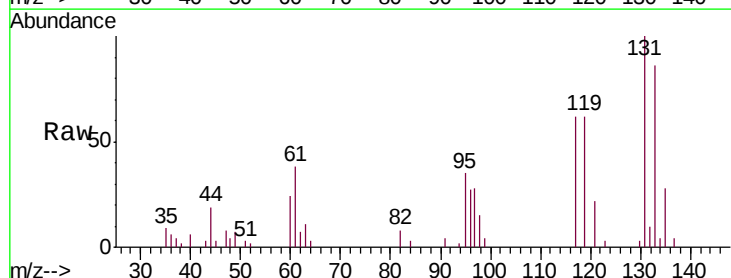
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

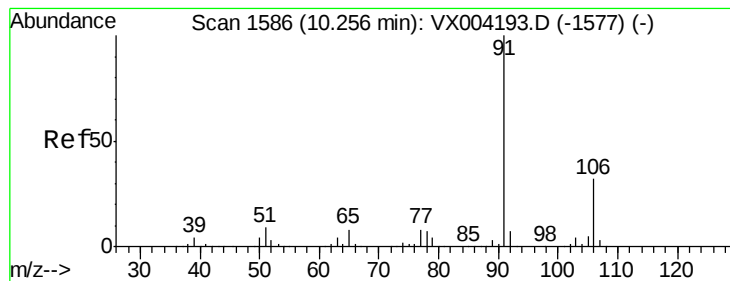
Tgt Ion:112 Resp: 12857
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.958 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:131 Resp: 3628
Ion Ratio Lower Upper
131 100
133 97.7 48.1 144.4
119 0.0 32.9 98.6#





#67

Ethyl Benzene

Concen: 1.000 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

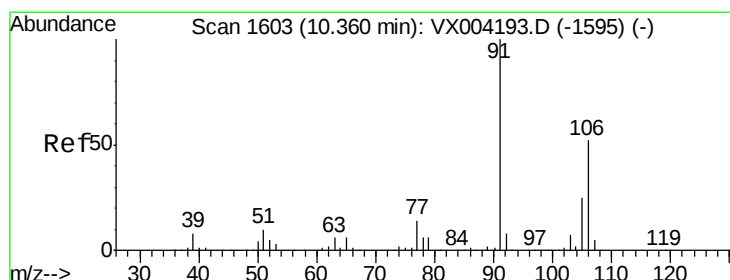
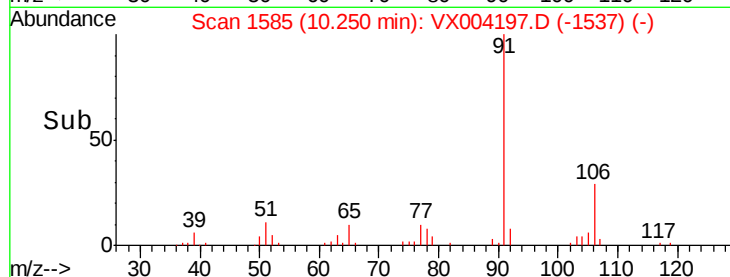
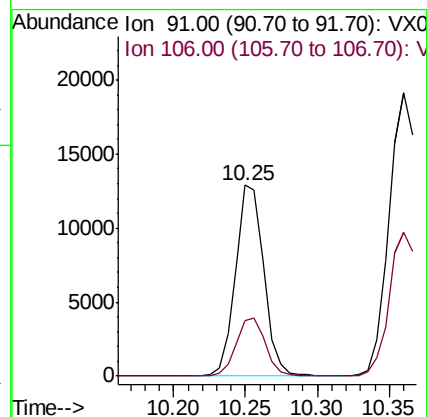
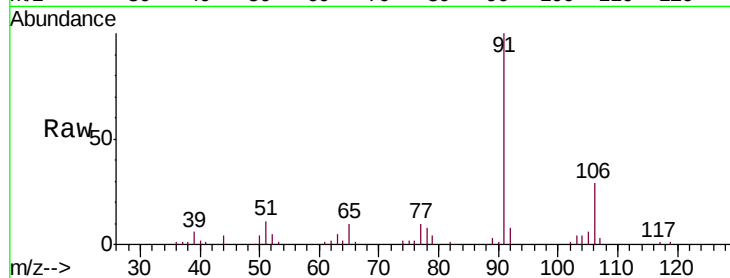
VSTDIC001

Tgt Ion: 91 Resp: 17825

Ion Ratio Lower Upper

91 100

106 29.0 25.9 38.9



#68

m/p-Xylenes

Concen: 1.922 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004197.D

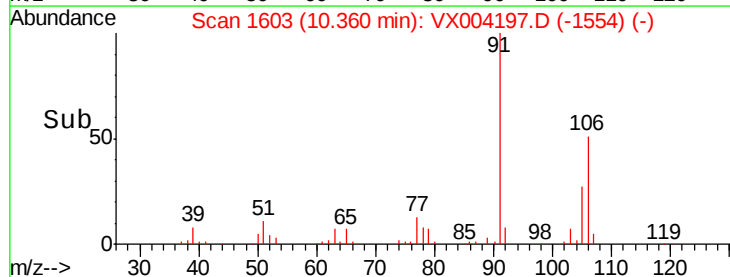
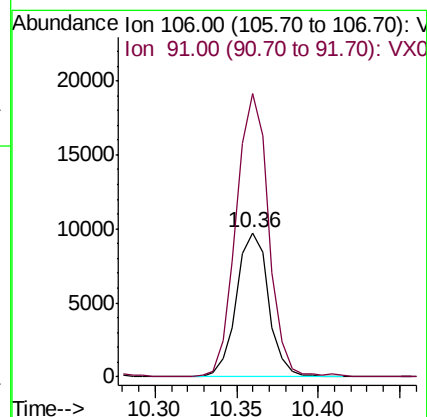
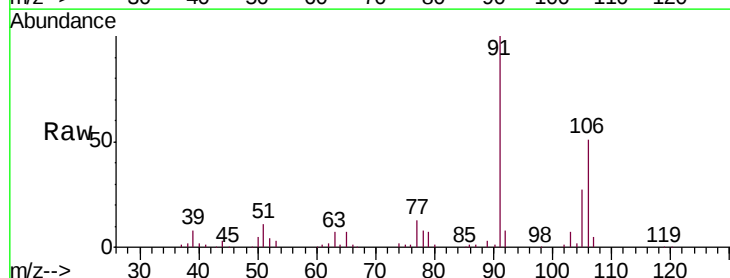
Acq: 22 Aug 2018 13:29

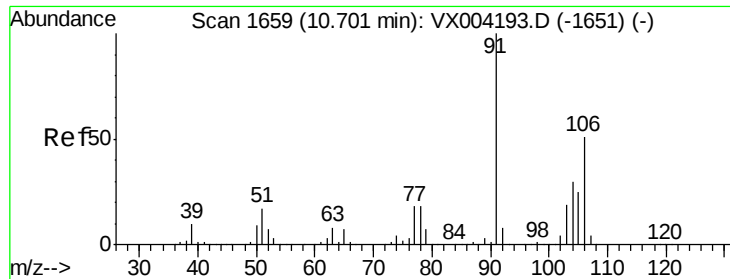
Tgt Ion: 106 Resp: 13396

Ion Ratio Lower Upper

106 100

91 198.5 157.1 235.7

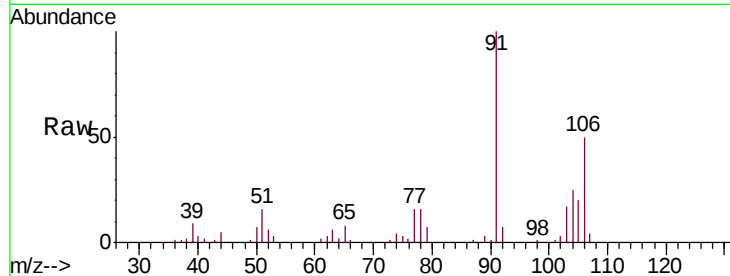




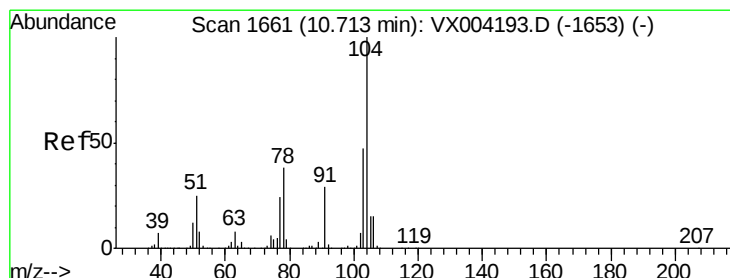
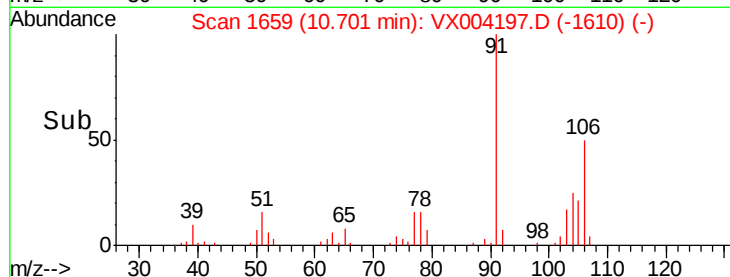
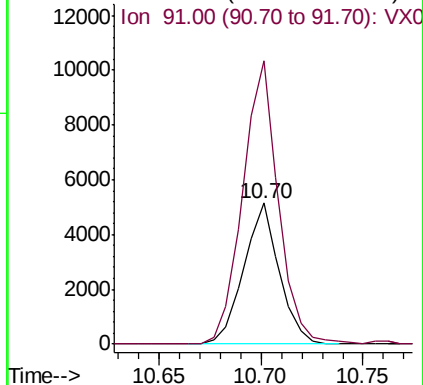
#69
o-Xylene
Concen: 0.940 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 6195
Ion Ratio Lower Upper
106 100
91 202.3 105.1 315.1

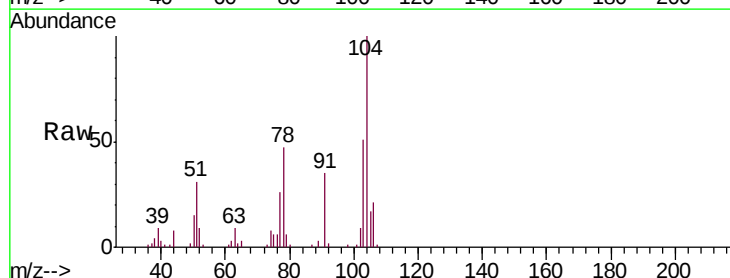


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

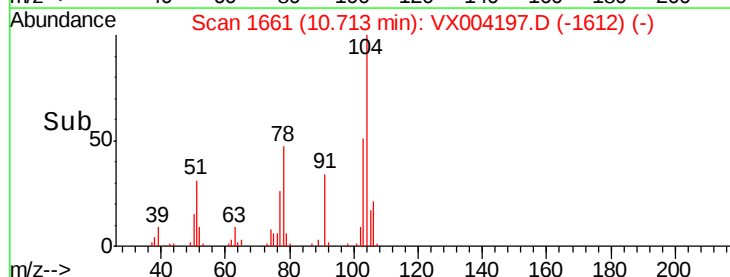
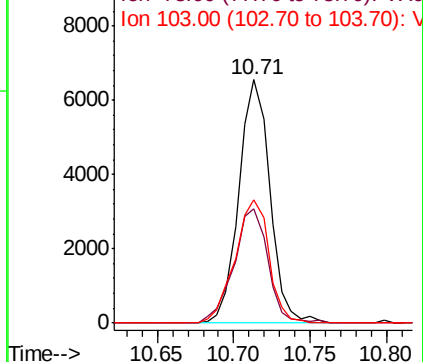


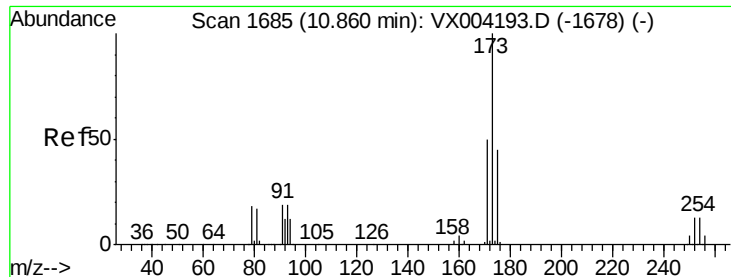
#70
Styrene
Concen: 0.867 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:104 Resp: 9258
Ion Ratio Lower Upper
104 100
78 51.7 37.4 56.0
103 55.2 43.8 65.6



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





#71

Bromoform

Concen: 0.917 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

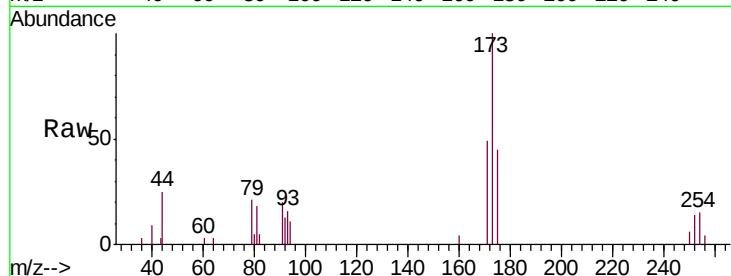
Tgt Ion:173 Resp: 2798

Ion Ratio Lower Upper

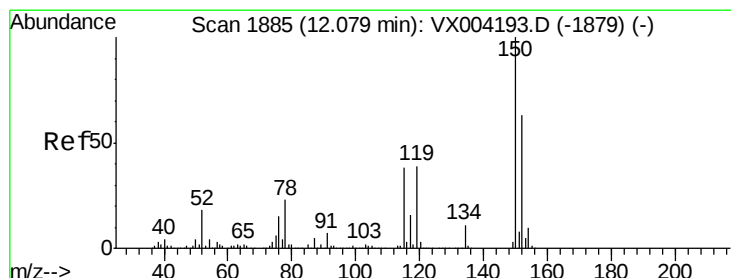
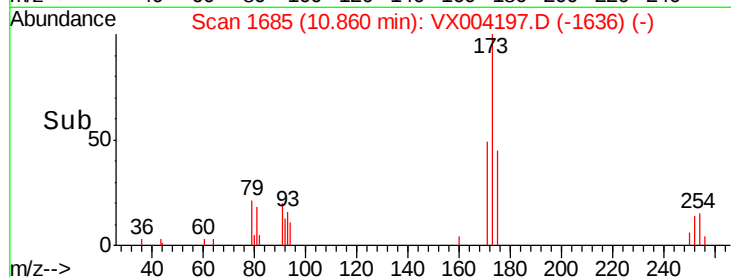
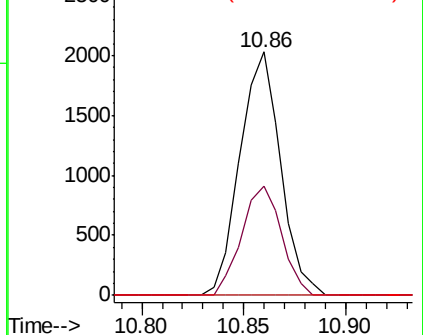
173 100

175 43.9 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

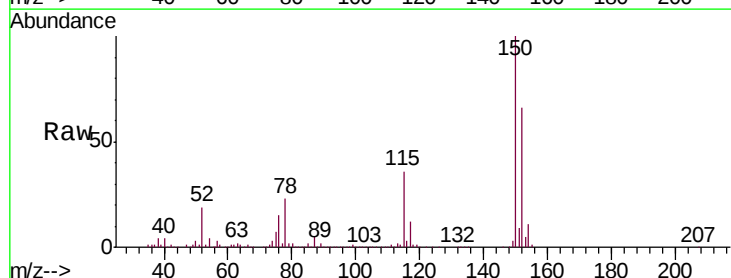
Tgt Ion:152 Resp: 249654

Ion Ratio Lower Upper

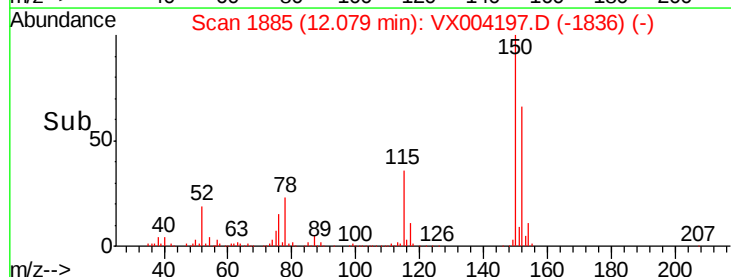
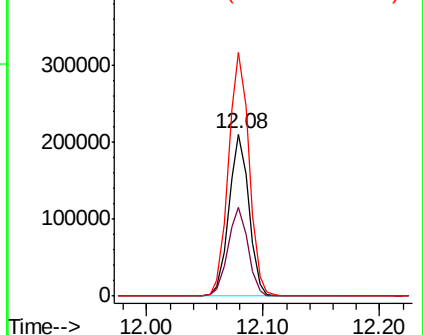
152 100

115 55.1 39.0 117.0

150 155.4 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: 1.010 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

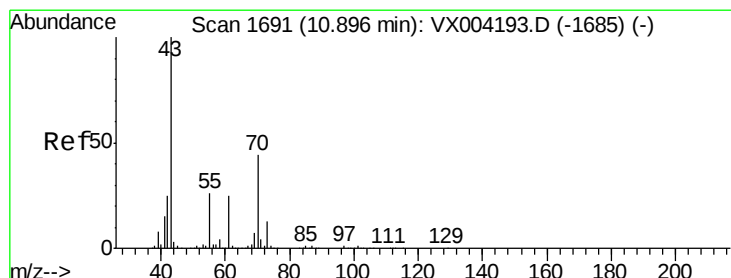
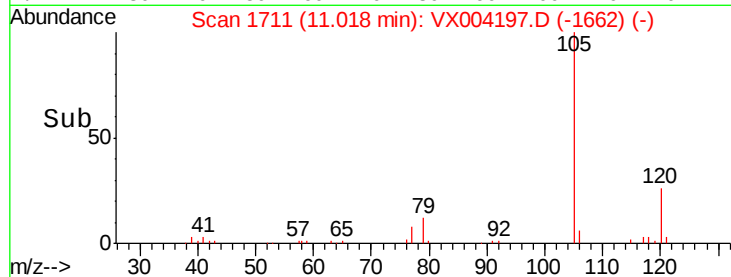
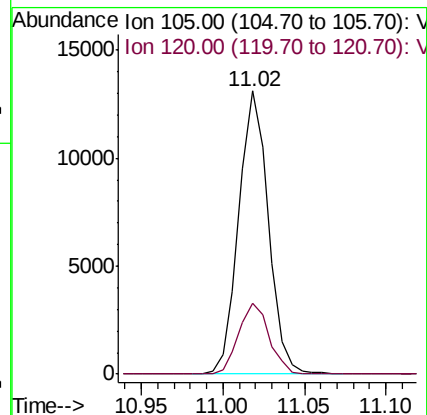
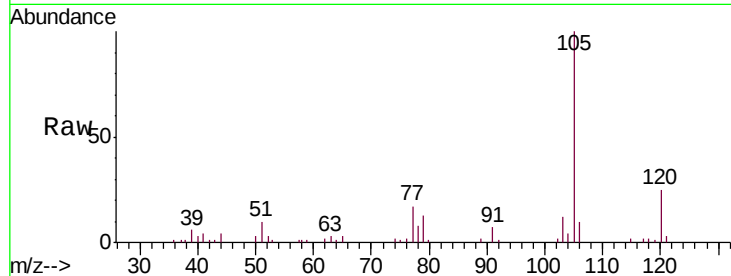
VSTDIC001

Tgt Ion:105 Resp: 16568

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



#74

N-ethyl acetate

Concen: 0.929 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Tgt Ion: 43 Resp: 5864

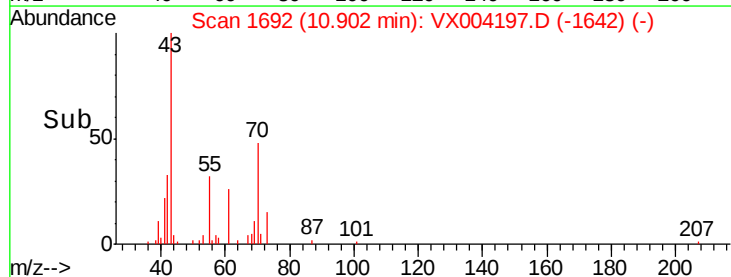
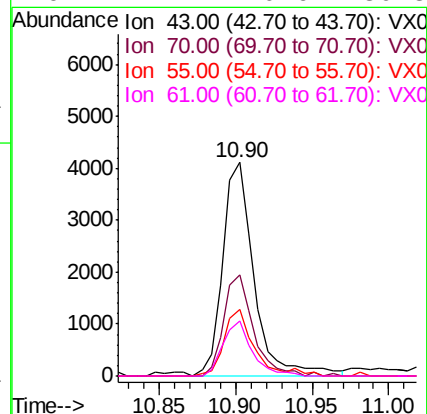
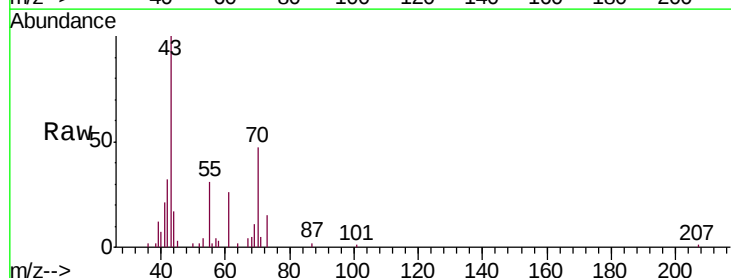
Ion Ratio Lower Upper

43 100

70 44.0 37.4 56.0

55 30.2 21.8 32.8

61 24.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 1.116 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

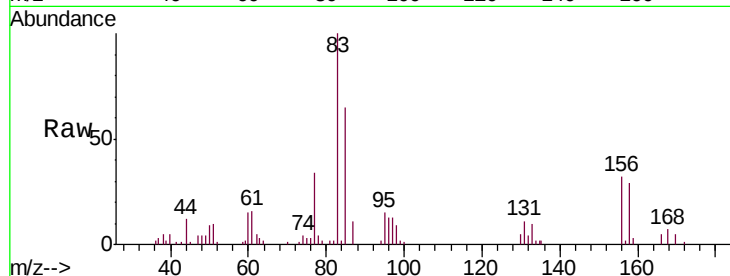
Tgt Ion: 83 Resp: 6402

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

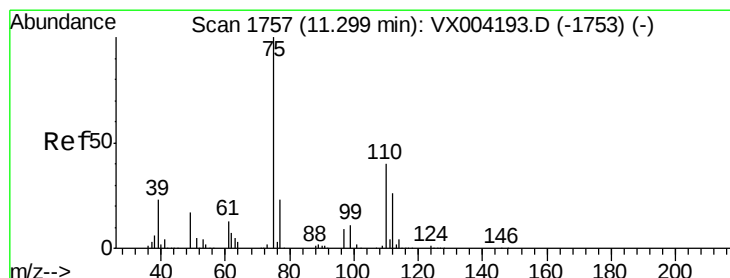
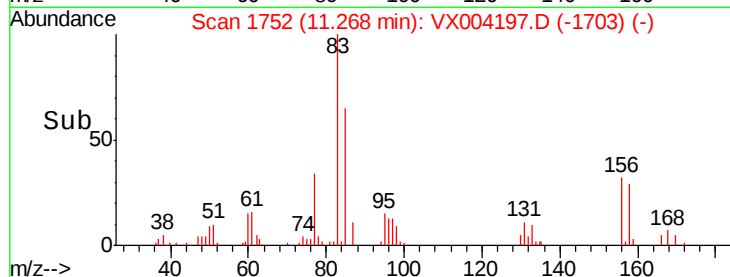
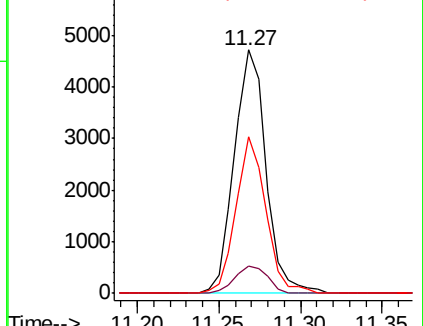
85 60.8 32.3 96.8



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: 1.342 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004197.D

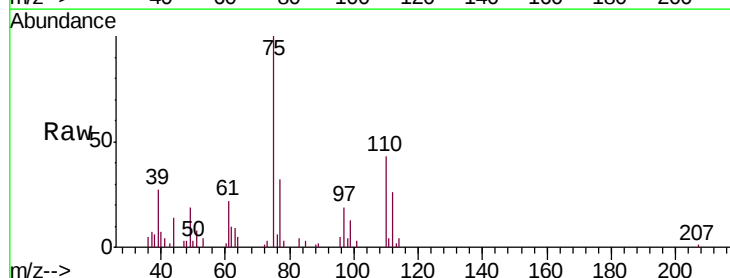
Acq: 22 Aug 2018 13:29

Tgt Ion: 75 Resp: 6614

Ion Ratio Lower Upper

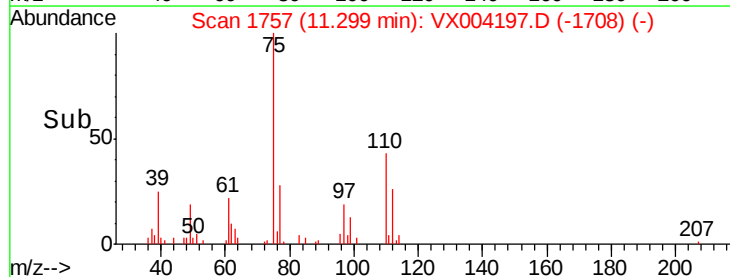
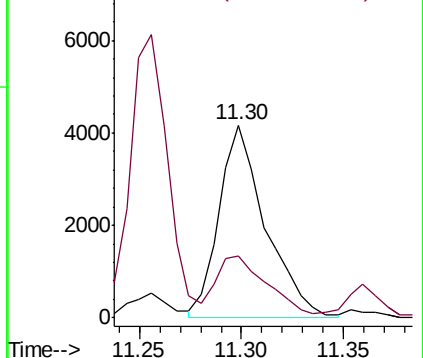
75 100

77 35.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

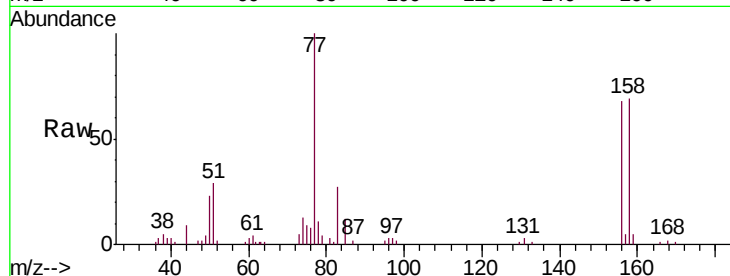




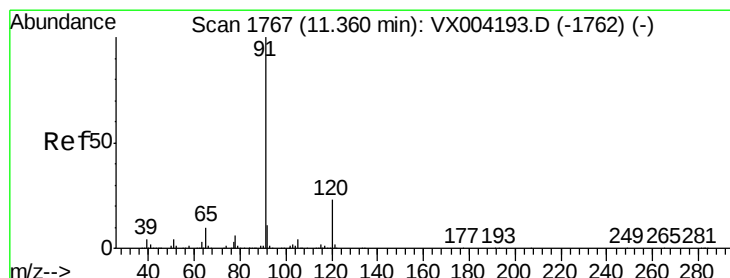
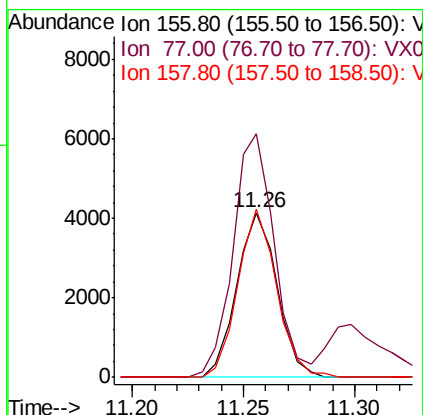
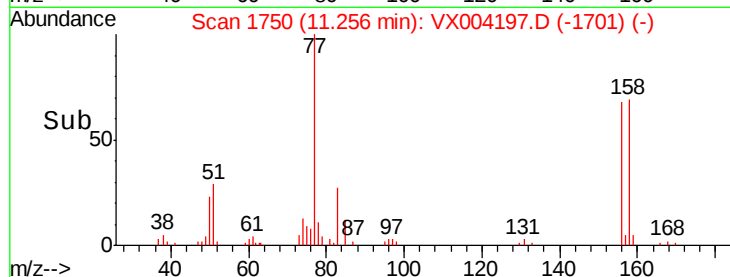
#77
Bromobenzene
Concen: 1.138 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 156 Resp: 5233
Ion Ratio Lower Upper
156 100
77 151.0 71.5 214.3
158 97.6 48.9 146.8

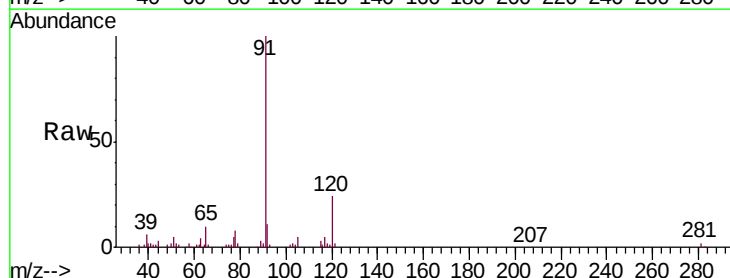


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

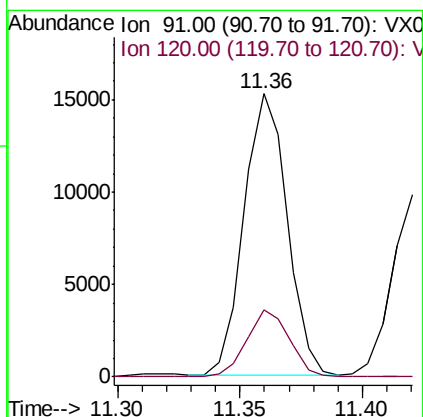
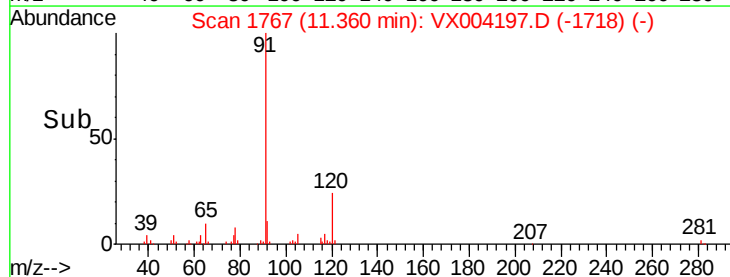


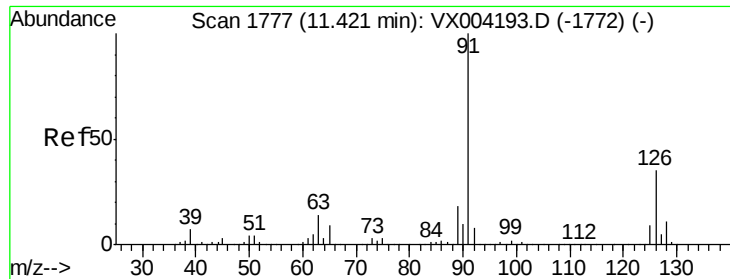
#78
n-propylbenzene
Concen: 0.992 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 91 Resp: 18702
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

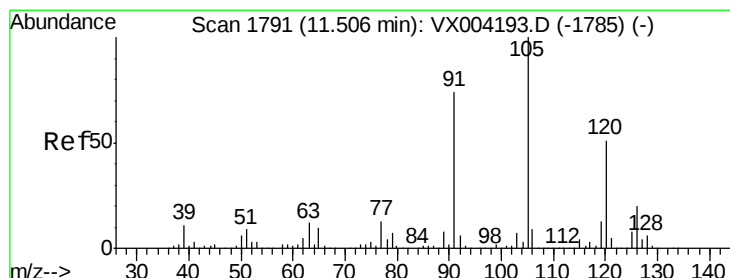
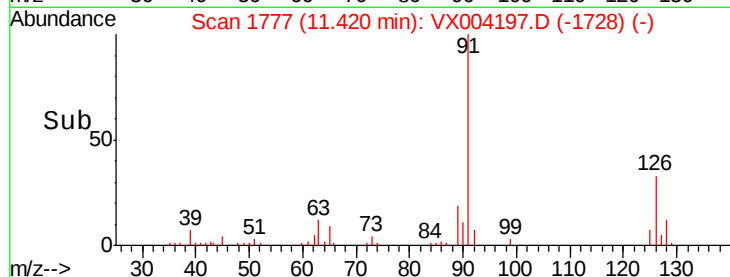
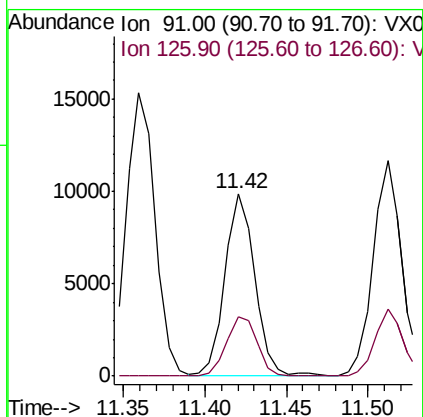
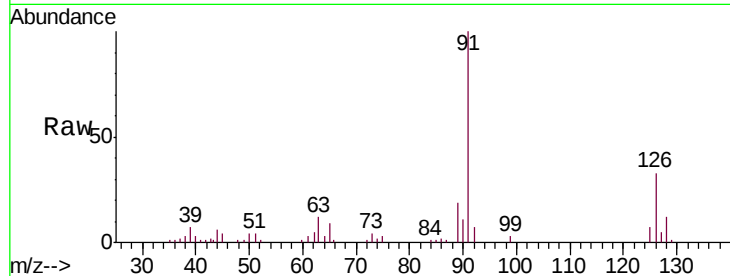




#79
 2-Chlorotoluene
 Concen: 1.095 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

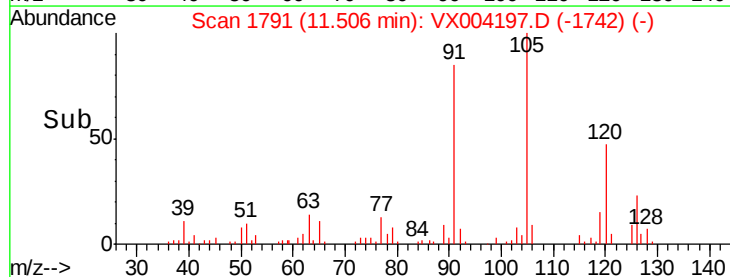
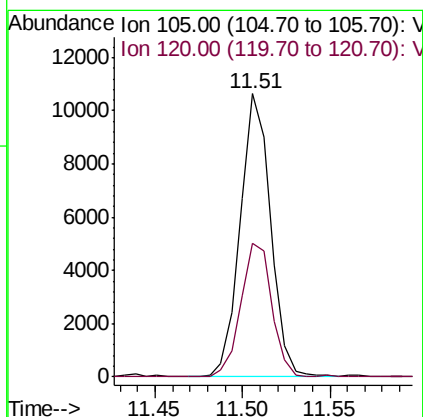
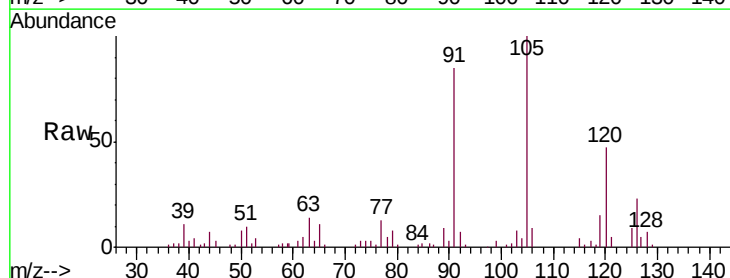
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 91 Resp: 12715
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.948 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 105 Resp: 12871
 Ion Ratio Lower Upper
 105 100
 120 47.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 0.890 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

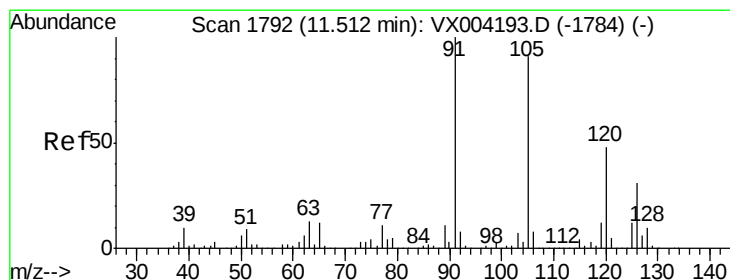
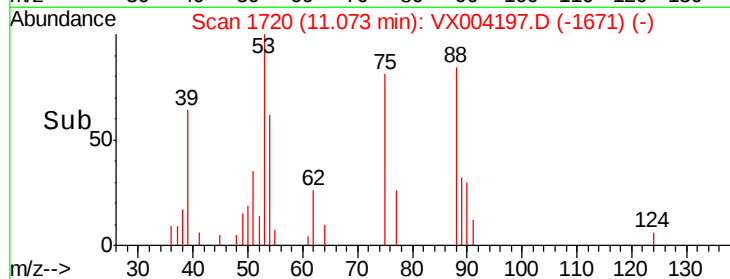
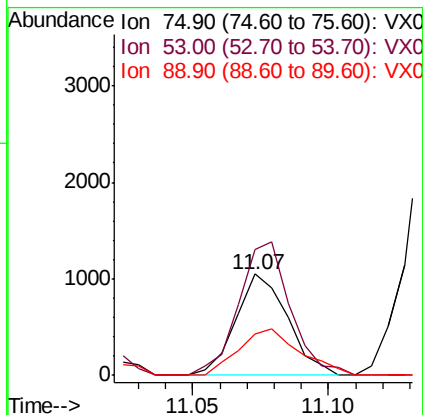
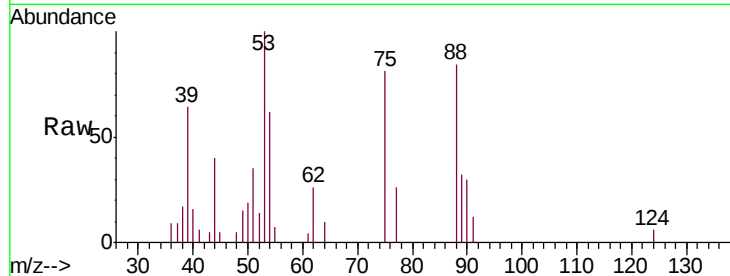
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

53 130.4 80.1 120.1#

89 53.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 1.069 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004197.D

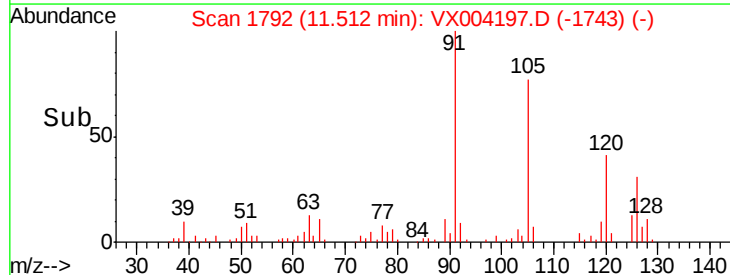
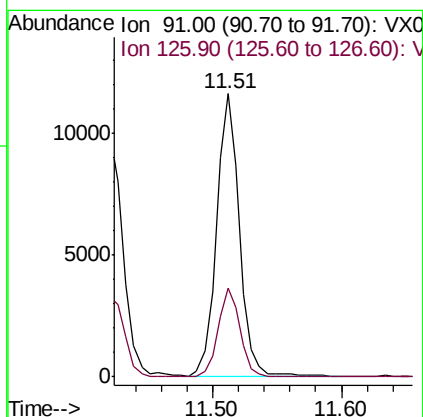
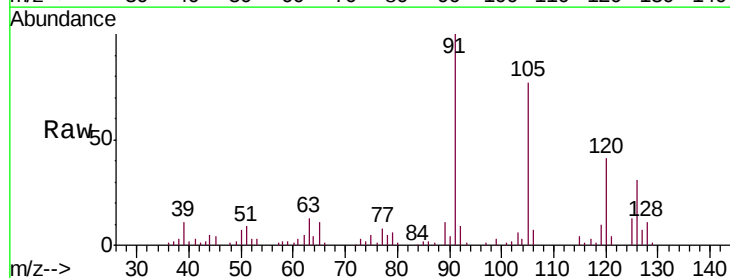
Acq: 22 Aug 2018 13:29

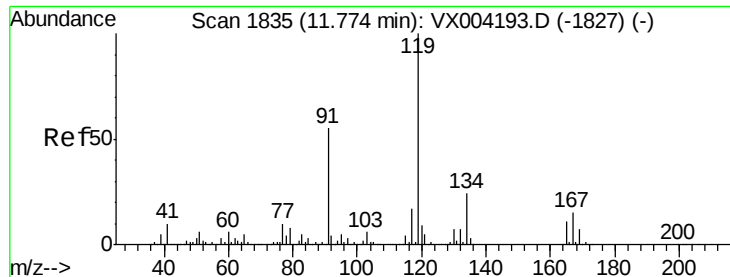
Tgt Ion: 91 Resp: 14601

Ion Ratio Lower Upper

91 100

126 29.6 15.5 46.5

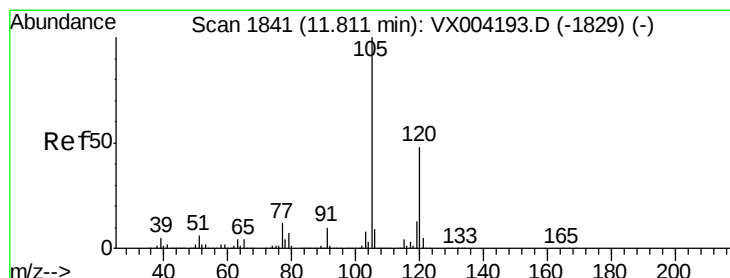
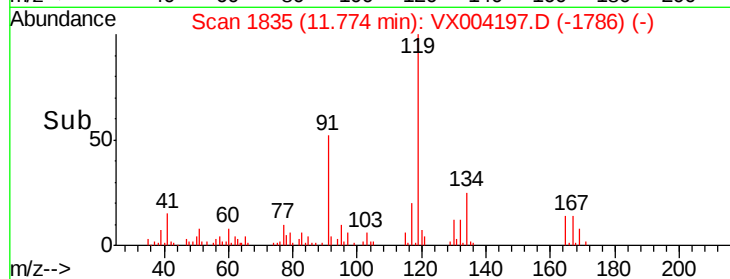
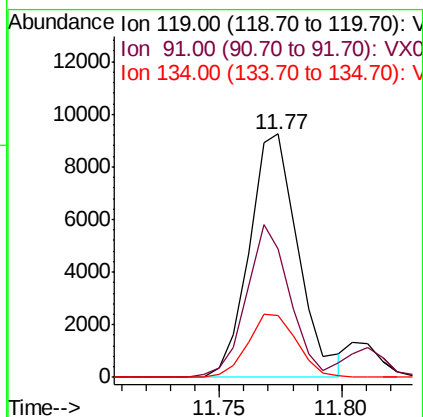
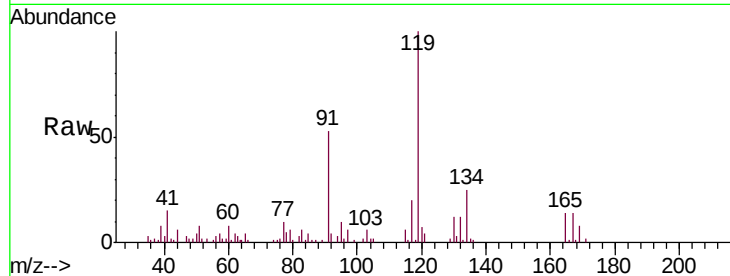




#83
 tert-Butylbenzene
 Concen: 0.937 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

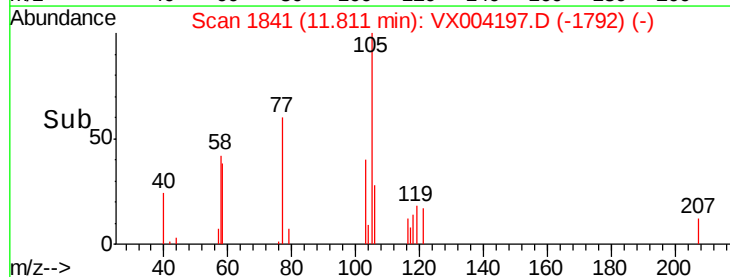
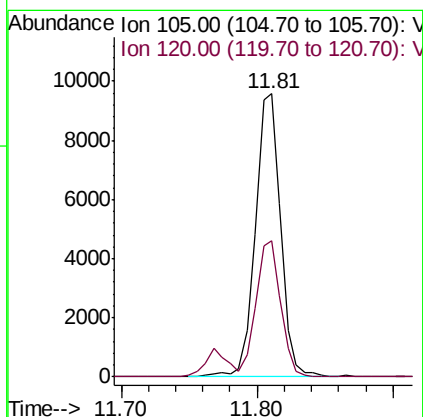
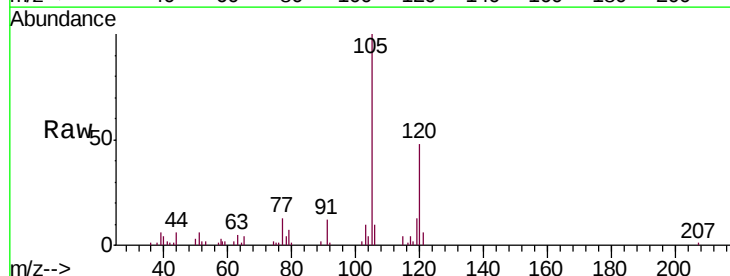
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

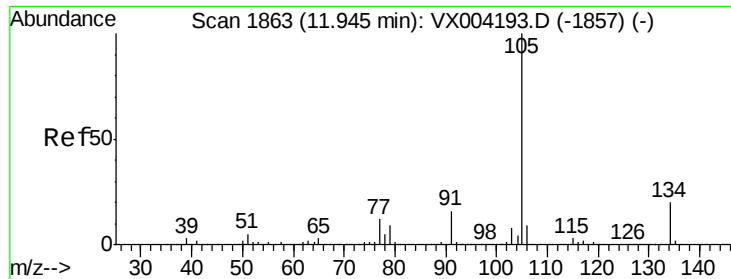
Tgt Ion:119 Resp: 12806
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 26.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.900 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:105 Resp: 12539
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6

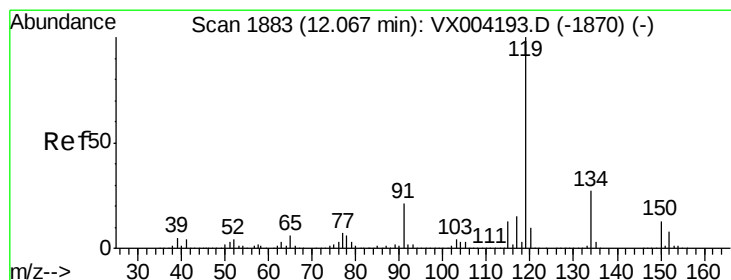
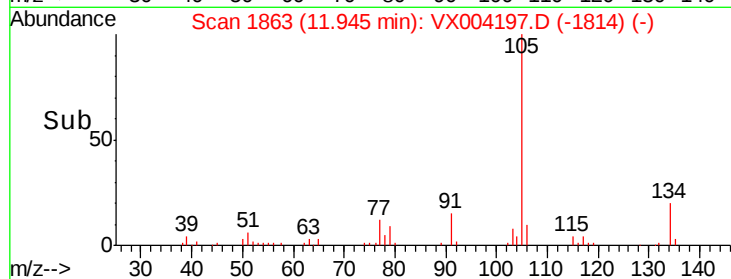
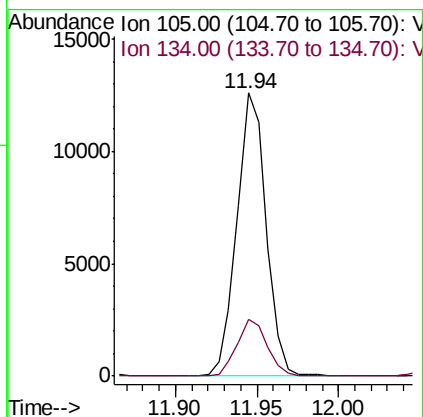
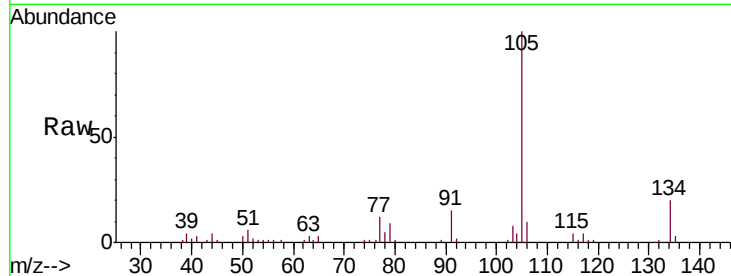




#85
 sec-Butylbenzene
 Concen: 0.972 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

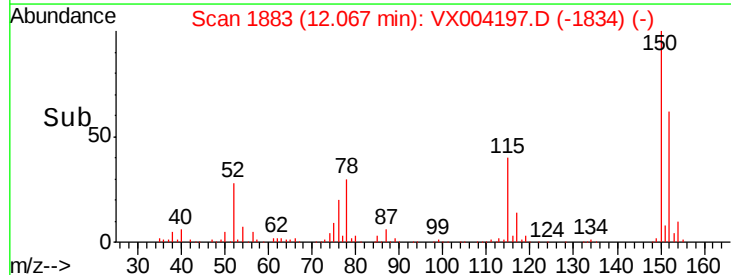
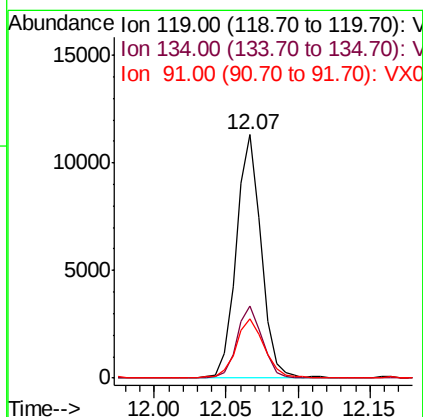
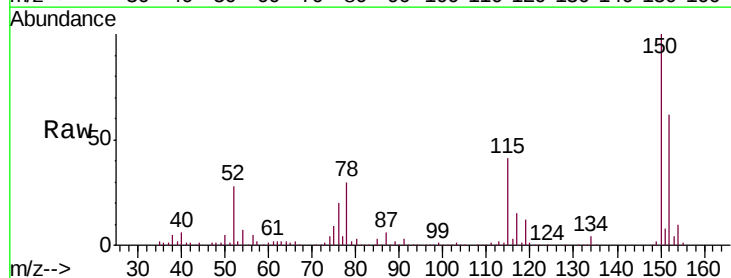
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

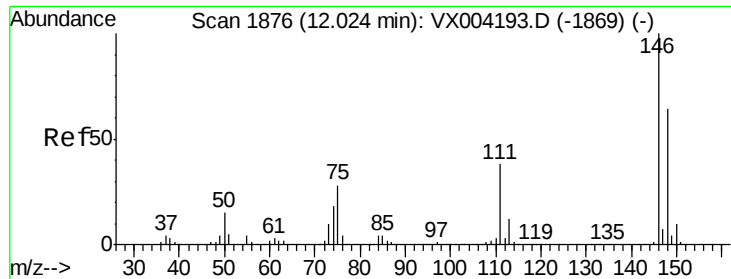
Tgt Ion:105 Resp: 15768
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 0.936 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:119 Resp: 13610
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.4 40.2
 91 28.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 1.189 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

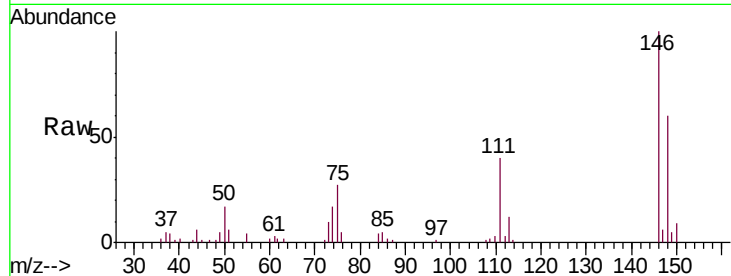
Tgt Ion:146 Resp: 10298

Ion Ratio Lower Upper

146 100

111 39.7 18.7 56.1

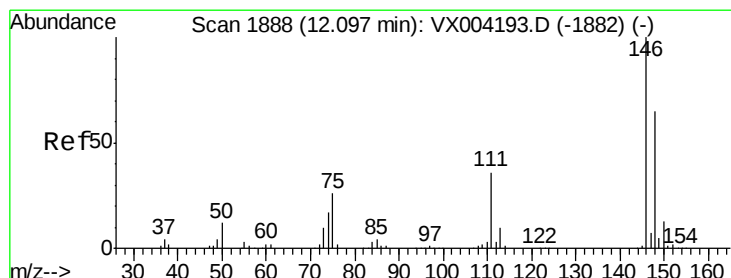
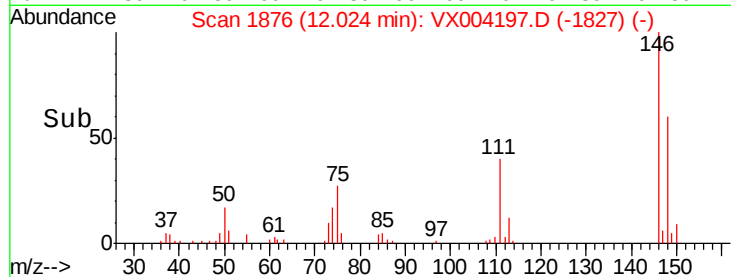
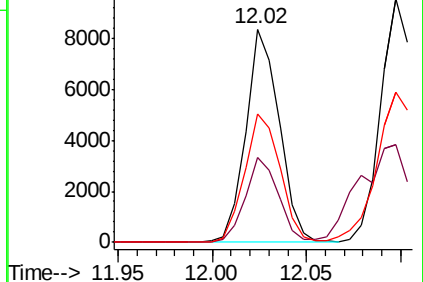
148 64.0 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.131 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.07 min

Lab File: VX004197.D

Acq: 22 Aug 2018 13:29

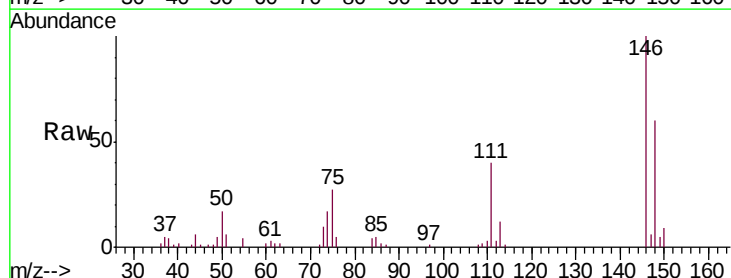
Tgt Ion:146 Resp: 10298

Ion Ratio Lower Upper

146 100

111 39.7 18.1 54.1

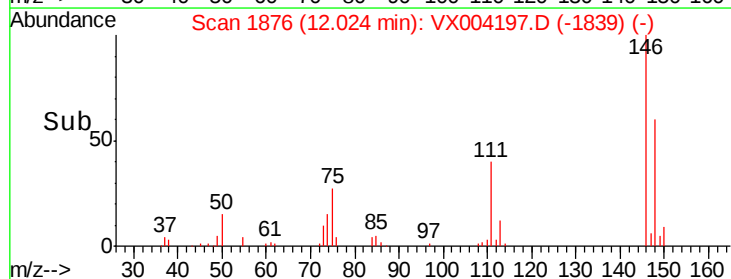
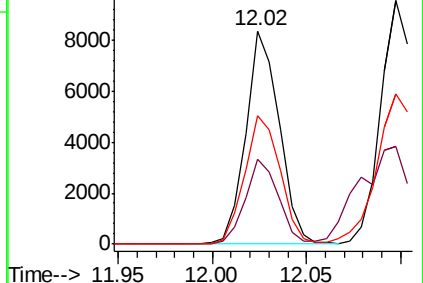
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

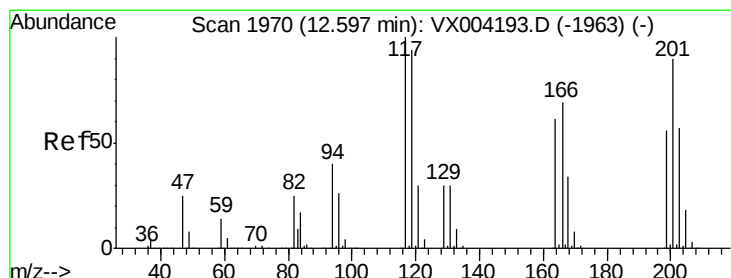
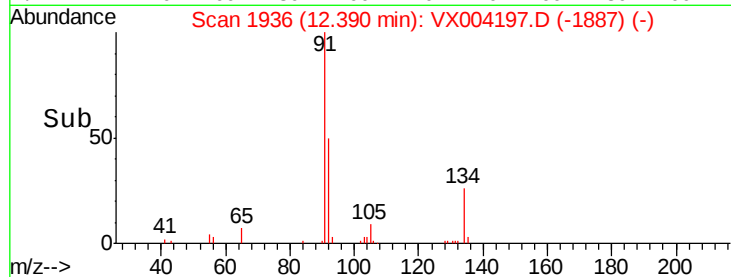
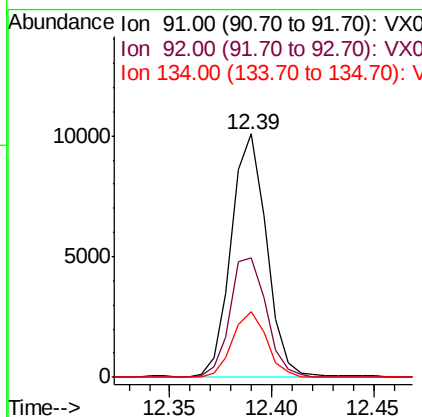
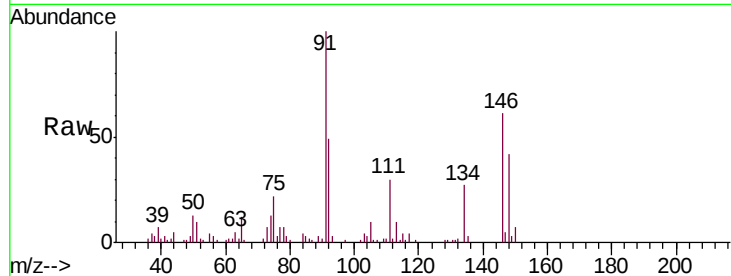




#89
n-Butylbenzene
Concen: 1.027 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

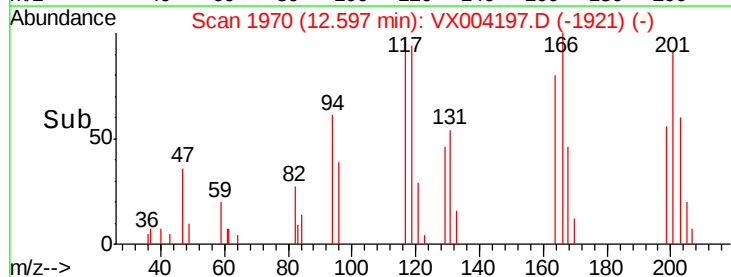
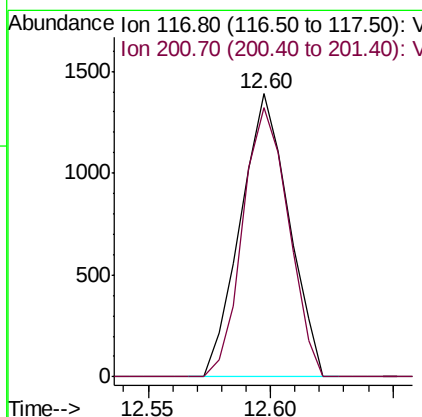
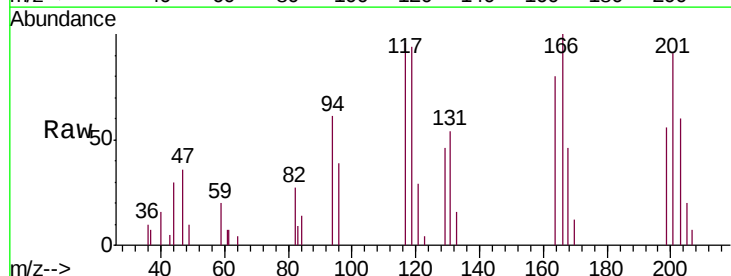
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

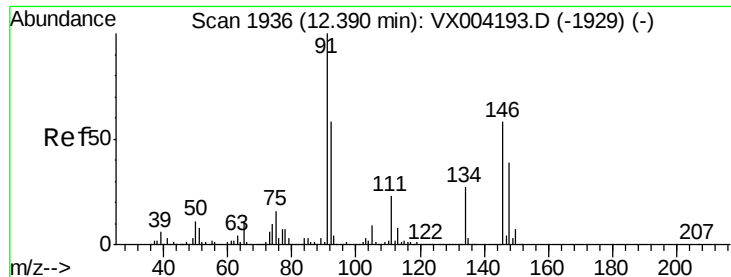
Tgt Ion: 91 Resp: 12135
Ion Ratio Lower Upper
91 100
92 50.7 27.3 81.9
134 25.9 13.6 40.7



#90
Hexachloroethane
Concen: 0.939 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion: 117 Resp: 1908
Ion Ratio Lower Upper
117 100
201 89.7 46.9 140.6

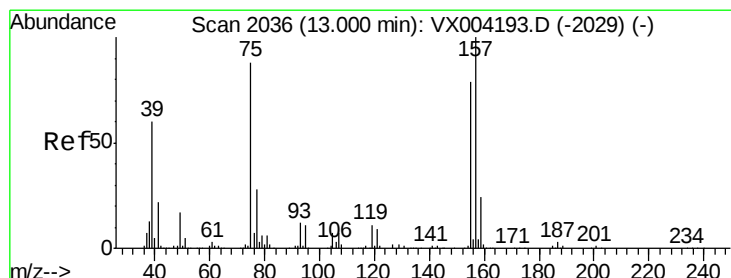
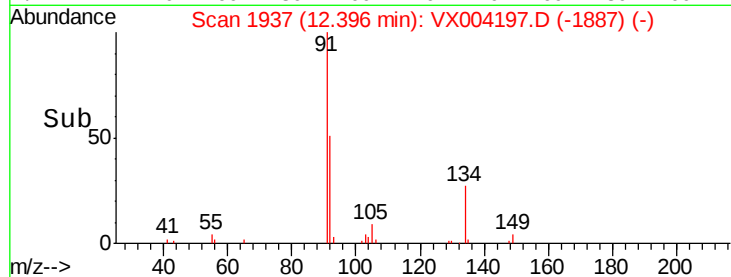
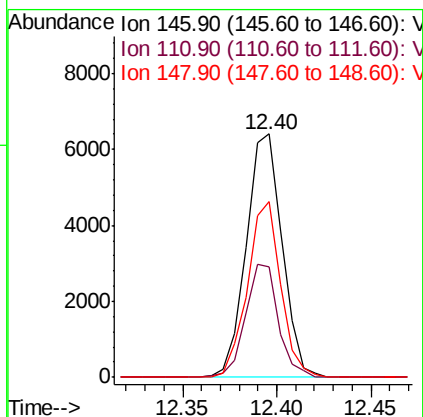
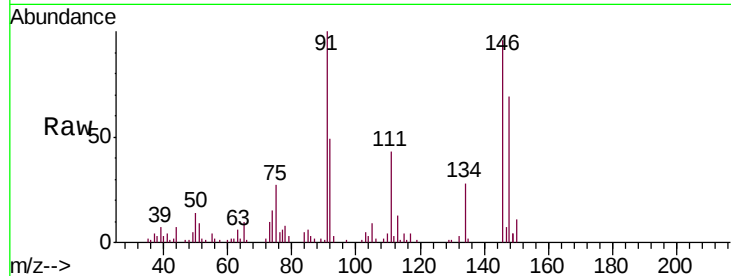




#91
 1,2-Dichlorobenzene
 Concen: 1.069 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

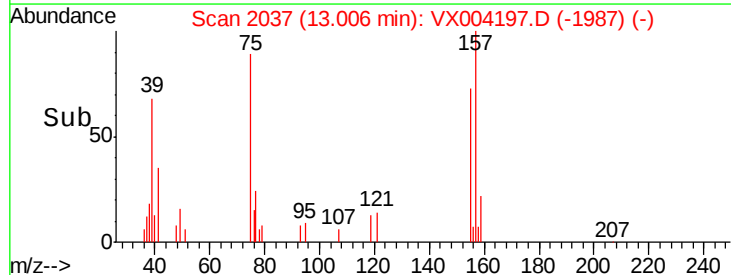
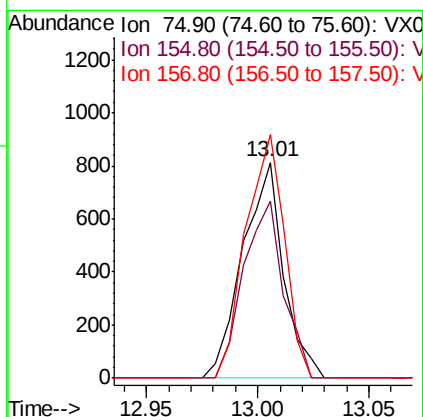
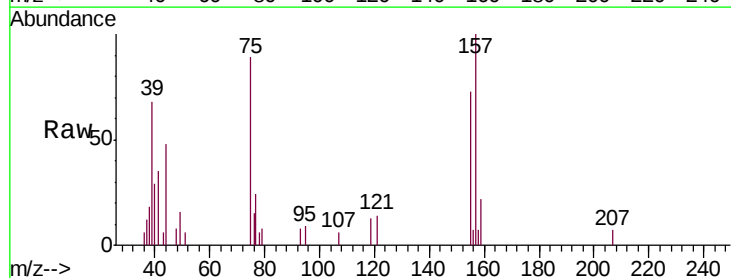
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

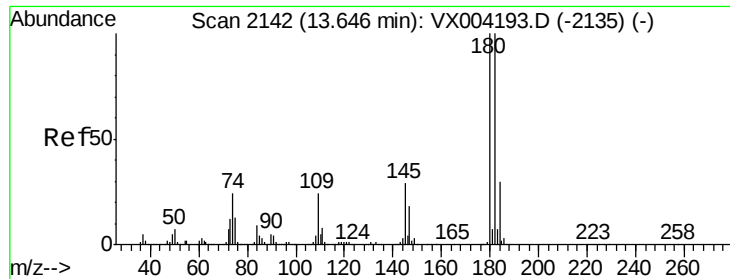
Tgt Ion:146 Resp: 8460
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.4 58.1
 148 66.8 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.026 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion: 75 Resp: 1037
 Ion Ratio Lower Upper
 75 100
 155 79.8 48.0 144.2
 157 106.9 61.4 184.1

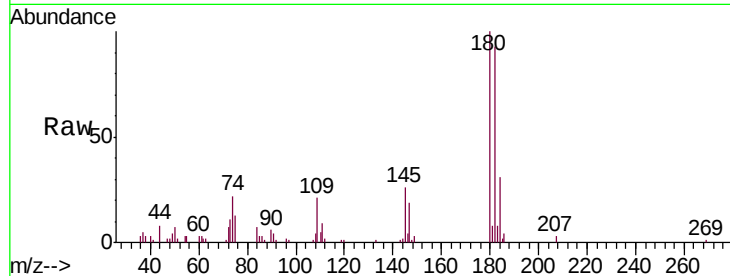




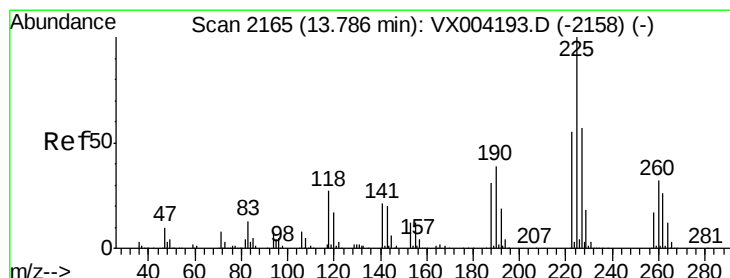
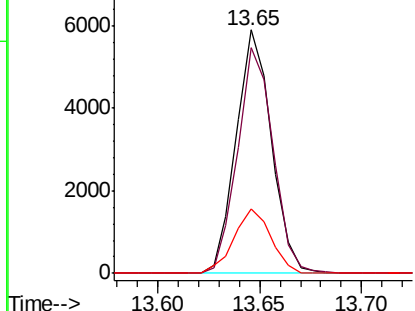
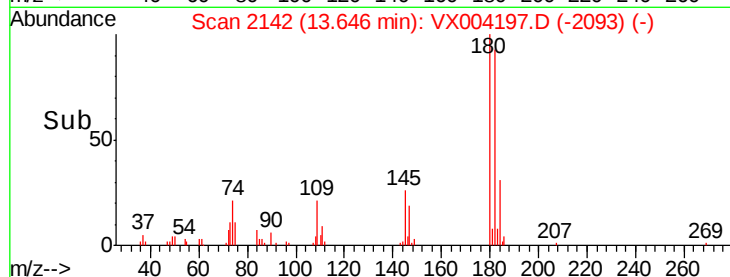
#93
 1,2,4-Trichlorobenzene
 Concen: 1.230 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 7085
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.4 145.0
 145 27.4 14.3 42.9

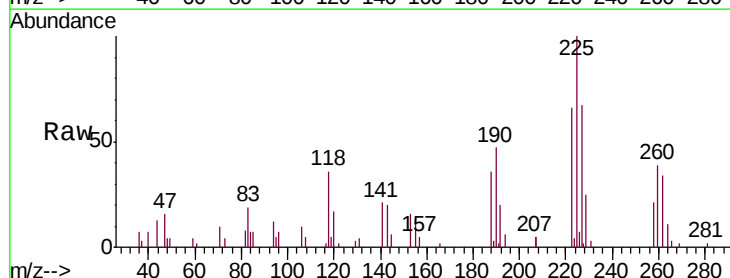


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

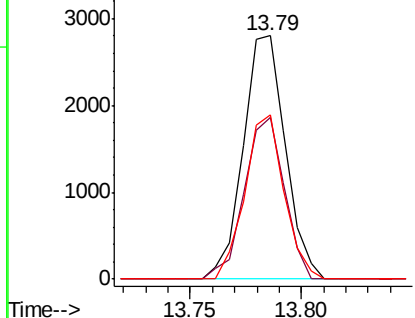
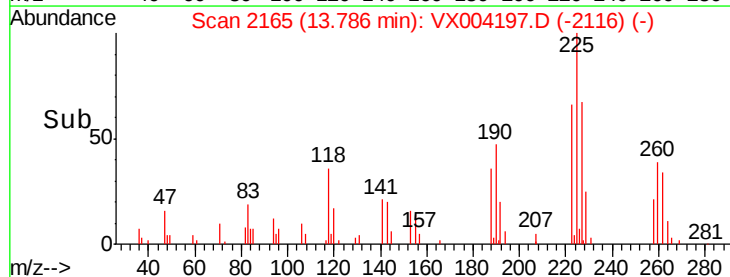


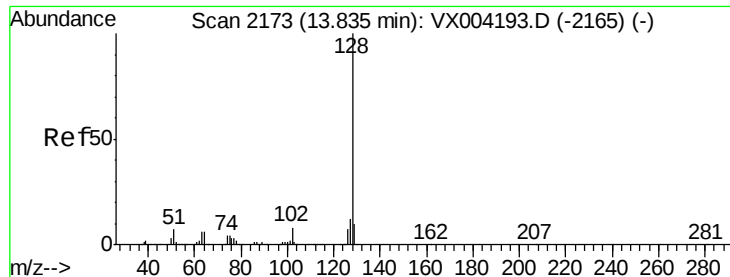
#94
 Hexachlorobutadiene
 Concen: 1.316 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004197.D
 Acq: 22 Aug 2018 13:29

Tgt Ion:225 Resp: 3721
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 62.6 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

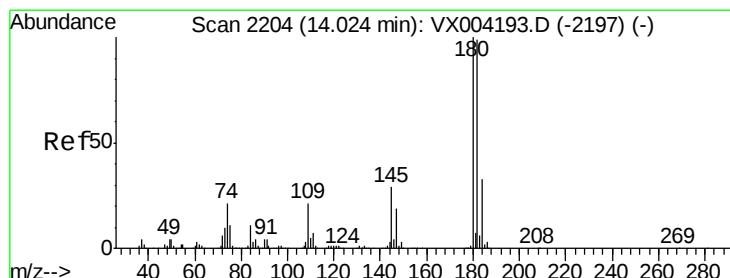
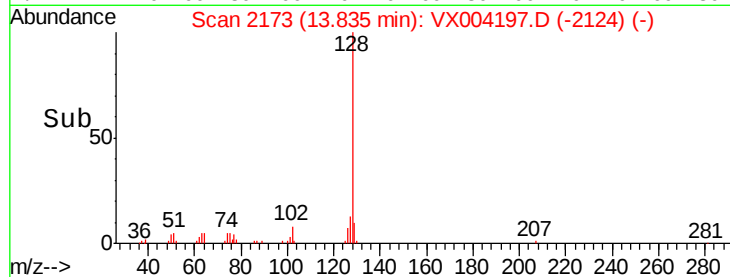
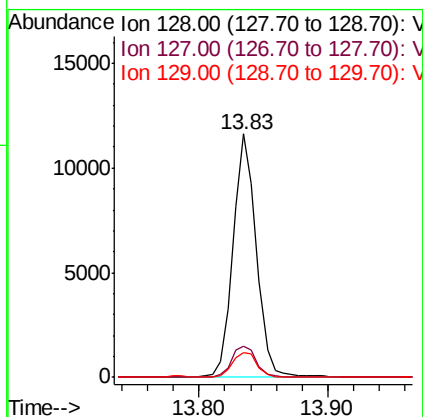
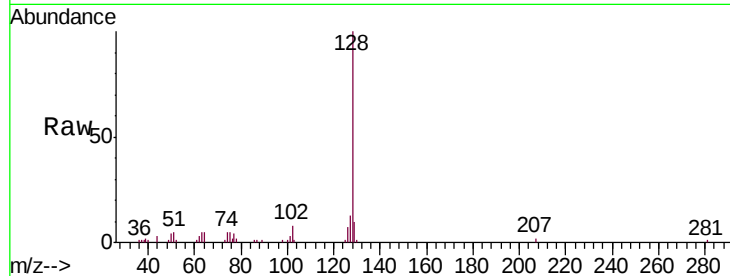




#95
Naphthalene
Concen: 0.901 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 14668
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.107 ug/l
RT: 14.02 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VX004197.D
Acq: 22 Aug 2018 13:29

Tgt Ion:180 Resp: 6747
Ion Ratio Lower Upper
180 100
182 97.5 48.5 145.6
145 31.4 14.9 44.9

