

Data File : VX005822.D
Acq On : 07 Nov 2018 12:05
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Nov 19 07:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	197451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	2127	1.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.74%	
35) Dibromofluoromethane	5.50	113	1675	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
50) Toluene-d8	8.71	98	4728	1.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.12%	
62) 4-Bromofluorobenzene	11.13	95	1647	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	1254	1.028 ug/l	95
3) Chloromethane	1.32	50	1739	1.086 ug/l	98
4) Vinyl Chloride	1.40	62	1611	1.002 ug/l #	81
5) Bromomethane	1.64	94	1060	1.077 ug/l	91
6) Chloroethane	1.72	64	1003	1.046 ug/l	99
7) Trichlorofluoromethane	1.93	101	2216	1.038 ug/l	98
8) Diethyl Ether	2.19	74	880	1.052 ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1313	1.070 ug/l	95
10) Methyl Iodide	2.51	142	1174	0.789 ug/l	94
11) Tert butyl alcohol	3.05	59	2696	6.048 ug/l	95
12) 1,1-Dichloroethene	2.37	96	1359	1.136 ug/l	86
13) Acrolein	2.29	56	603	21.783 ug/l	96
14) Allyl chloride	2.73	41	2895	1.083 ug/l	97
15) Acrylonitrile	3.15	53	4751	5.143 ug/l	99
16) Acetone	2.44	43	4441	5.301 ug/l	98
17) Carbon Disulfide	2.57	76	3776	1.058 ug/l #	90
18) Methyl Acetate	2.78	43	3185	Below Cal	97
19) Methyl tert-butyl Ether	3.20	73	4213	1.032 ug/l	98
20) Methylene Chloride	2.85	84	1585	1.152 ug/l	84
21) trans-1,2-Dichloroethene	3.17	96	1465	1.161 ug/l	93
22) Diisopropyl ether	3.87	45	5162	1.103 ug/l #	93
23) Vinyl Acetate	3.82	43	20450	5.096 ug/l	99
24) 1,1-Dichloroethane	3.70	63	2654	1.063 ug/l	97
25) 2-Butanone	4.70	43	6367	4.834 ug/l	99
26) 2,2-Dichloropropane	4.59	77	1801	0.983 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	1393	1.000 ug/l	89
28) Bromochloromethane	5.02	49	984	0.882 ug/l #	93
29) Tetrahydrofuran	5.16	42	3935	4.653 ug/l	97
30) Chloroform	5.21	83	2481	1.030 ug/l	93
31) Cyclohexane	5.58	56	2030	0.936 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	1953	0.972 ug/l #	49
36) 1,1-Dichloropropene	5.79	75	1889	0.992 ug/l	99
37) Ethyl Acetate	4.85	43	2403	0.960 ug/l	94
38) Carbon Tetrachloride	5.78	117	1868	0.980 ug/l	91

Data File : VX005822.D
Acq On : 07 Nov 2018 12:05
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Nov 19 07:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1872	0.970	ug/l	91
40) Benzene	6.15	78	5528	0.996	ug/l	99
41) Methacrylonitrile	5.04	41	1290	0.954	ug/l	90
42) 1,2-Dichloroethane	6.20	62	1847	0.929	ug/l	91
43) Isopropyl Acetate	6.46	43	3201	0.883	ug/l	97
44) Trichloroethene	7.21	130	1566	1.111	ug/l	89
45) 1,2-Dichloropropane	7.51	63	1488	1.105	ug/l	90
46) Dibromomethane	7.66	93	862	1.020	ug/l	97
47) Bromodichloromethane	7.90	83	1598	1.000	ug/l #	93
48) Methyl methacrylate	7.77	41	1553	0.954	ug/l	95
49) 1,4-Dioxane	7.76	88	643	18.322	ug/l #	79
51) 4-Methyl-2-Pentanone	8.65	43	9852	4.310	ug/l	96
52) Toluene	8.79	92	2803	0.904	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	1630	0.865	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	1784	0.929	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	1382	1.000	ug/l	96
56) Ethyl methacrylate	9.18	69	1629	0.788	ug/l	95
57) 1,3-Dichloropropane	9.37	76	2072	0.892	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	3849	11.581	ug/l	95
59) 2-Hexanone	9.49	43	7522	3.733	ug/l	89
60) Dibromochloromethane	9.59	129	1180	0.790	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1379	0.902	ug/l	100
64) Tetrachloroethene	9.34	164	1648	1.078	ug/l	91
65) Chlorobenzene	10.14	112	3628	1.009	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	1198	0.958	ug/l #	60
67) Ethyl Benzene	10.25	91	5334	0.925	ug/l	93
68) m/p-Xylenes	10.36	106	3993	1.815	ug/l	97
69) o-Xylene	10.69	106	1740	0.882	ug/l	97
70) Styrene	10.71	104	2806	0.862	ug/l	96
71) Bromoform	10.86	173	940	0.897	ug/l #	94
73) Isopropylbenzene	11.02	105	4427	0.785	ug/l	96
74) N-amyl acetate	10.90	43	2041	1.880	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	2007	0.970	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	2222	1.119	ug/l	85
77) Bromobenzene	11.26	156	1554	0.978	ug/l	89
78) n-propylbenzene	11.36	91	5134	0.772	ug/l	98
79) 2-Chlorotoluene	11.42	91	3603	0.897	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	3542	0.739	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	477	0.766	ug/l	86
82) 4-Chlorotoluene	11.51	91	3943	0.833	ug/l	94
83) tert-Butylbenzene	11.77	119	3929	0.810	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3354	0.516	ug/l	95
85) sec-Butylbenzene	11.94	105	4514	0.761	ug/l	100
86) p-Isopropyltoluene	12.06	119	4121	0.785	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	2945	0.965	ug/l	100
88) 1,4-Dichlorobenzene	12.02	146	2945	0.943	ug/l	100
89) n-Butylbenzene	12.39	91	4269	0.877	ug/l	100
90) Hexachloroethane	12.60	117	800	0.912	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	2972	0.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	434	0.859	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

Data File : VX005822.D
Acq On : 07 Nov 2018 12:05
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Nov 19 07:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1988	0.924	ug/l	94
94) Hexachlorobutadiene	13.78	225	1261	1.116	ug/l	97
95) Naphthalene	13.83	128	4843	1.851	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	2075	0.947	ug/l	99

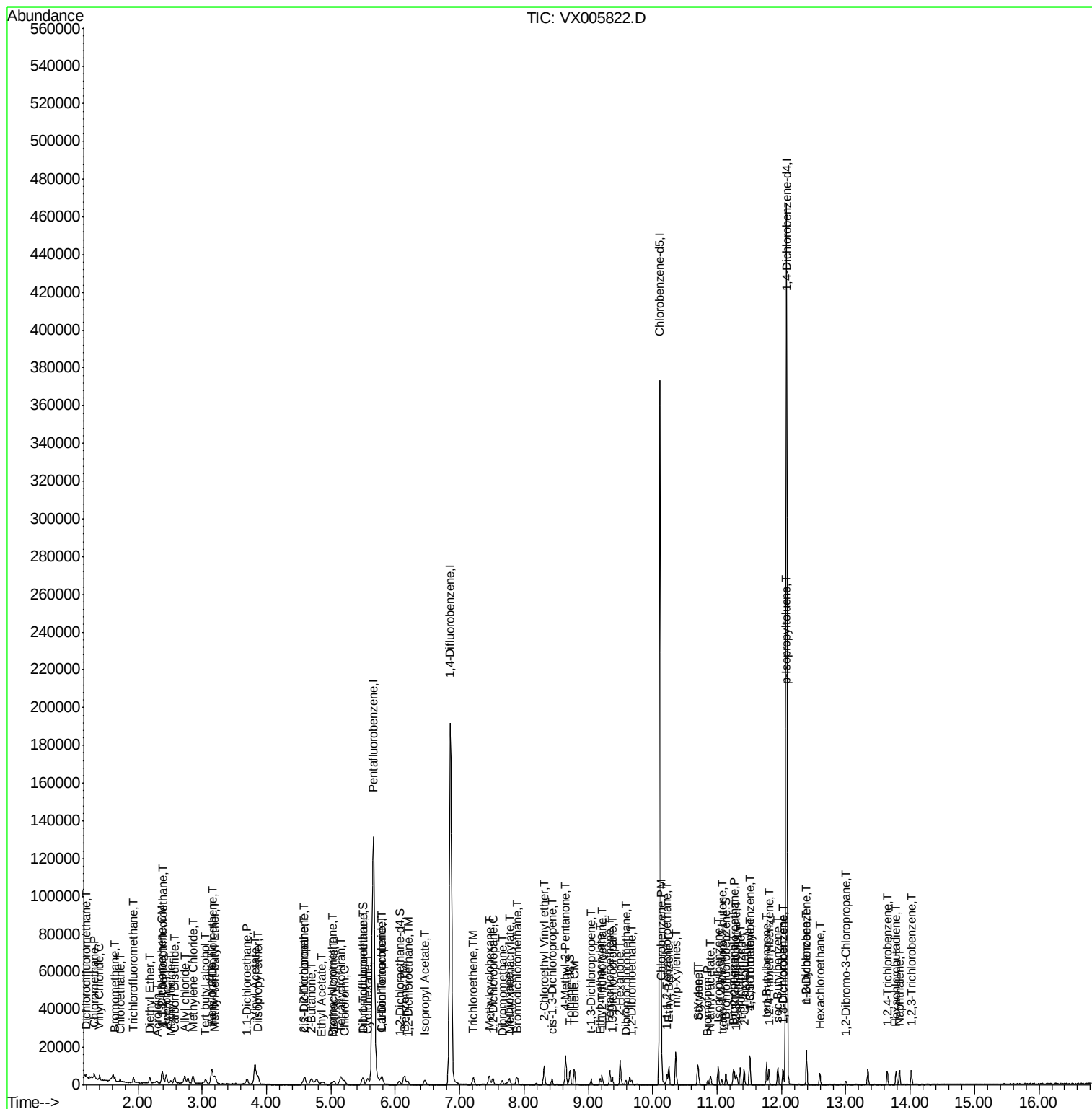
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX005822.D

```
Acq On       : 07 Nov 2018   12:05
Operator     : JC/MD
Sample       : VSTDIC001
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Nov 19 07:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

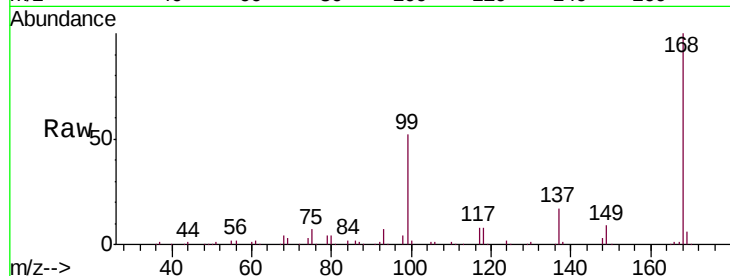
VSTDIC001

Tgt Ion:168 Resp: 135352

Ion Ratio Lower Upper

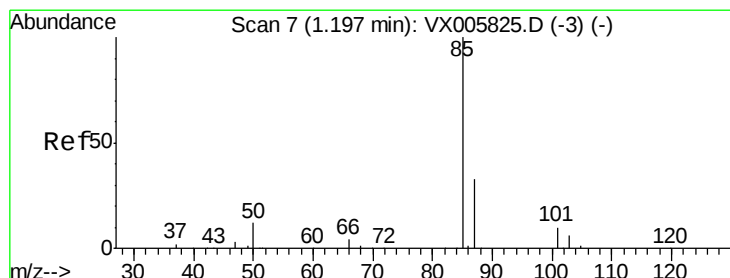
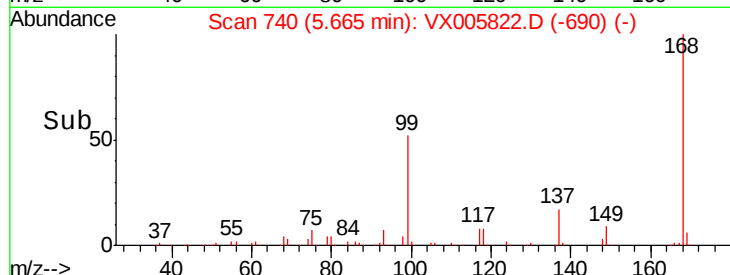
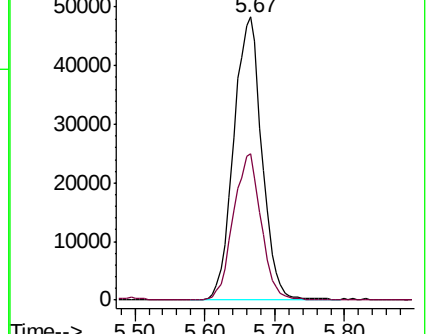
168 100

99 51.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.028 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005822.D

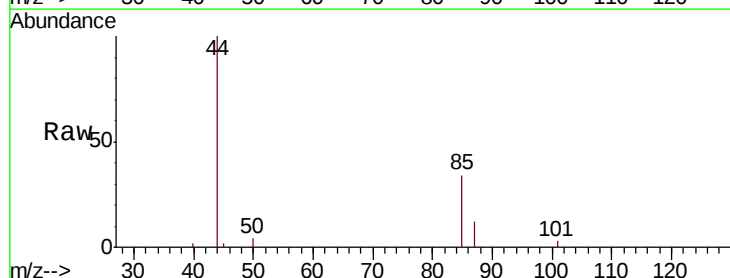
Acq: 07 Nov 2018 12:05

Tgt Ion: 85 Resp: 1254

Ion Ratio Lower Upper

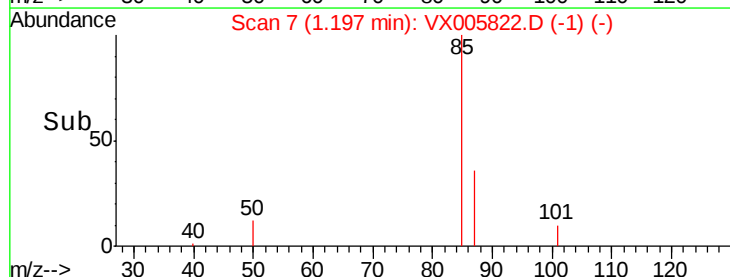
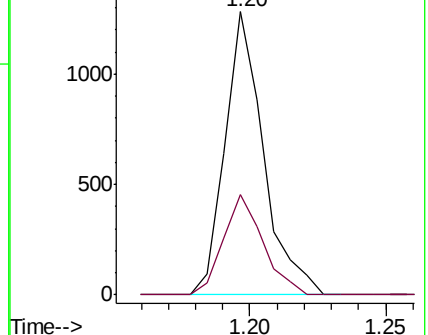
85 100

87 35.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.086 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

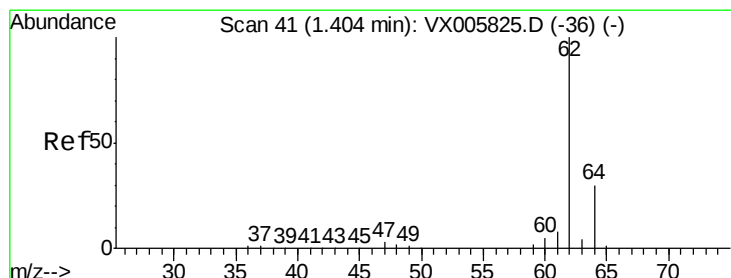
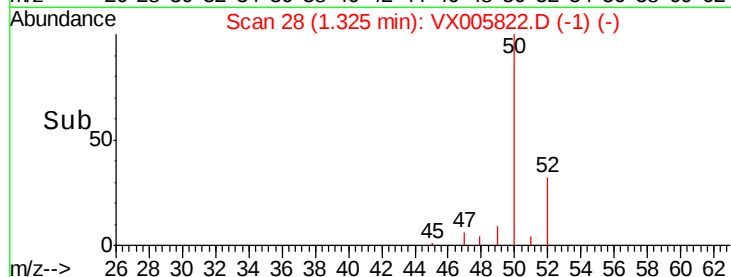
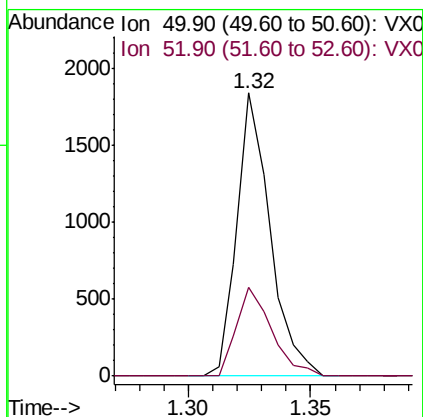
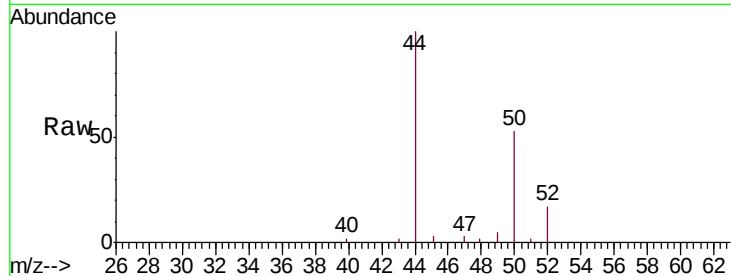
VSTDIC001

Tgt Ion: 50 Resp: 1739

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



#4

Vinyl Chloride

Concen: 1.002 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005822.D

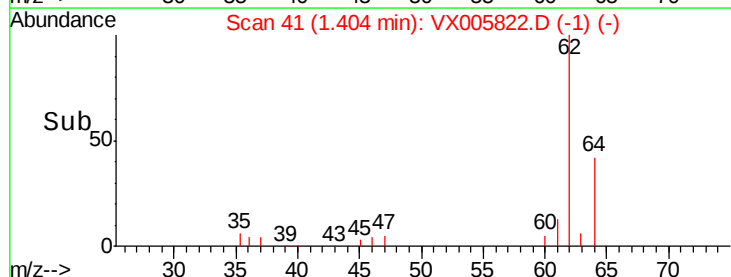
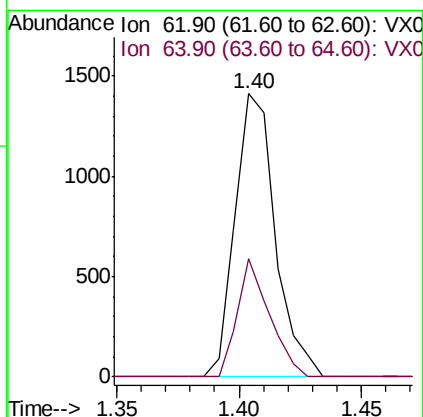
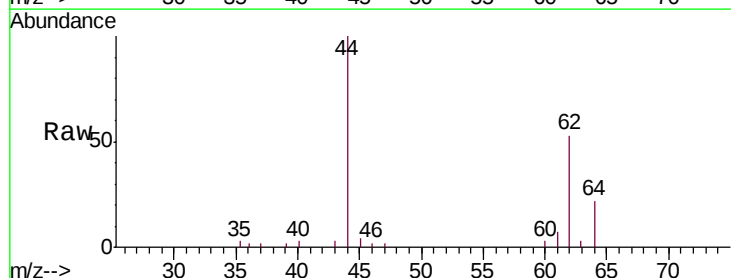
Acq: 07 Nov 2018 12:05

Tgt Ion: 62 Resp: 1611

Ion Ratio Lower Upper

62 100

64 42.0 25.3 37.9#





#5

Bromomethane

Concen: 1.077 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

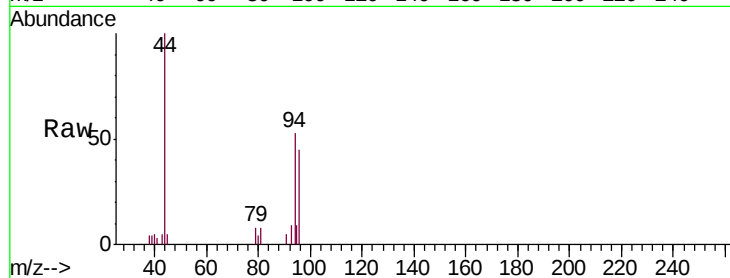
VSTDIC001

Tgt Ion: 94 Resp: 1060

Ion Ratio Lower Upper

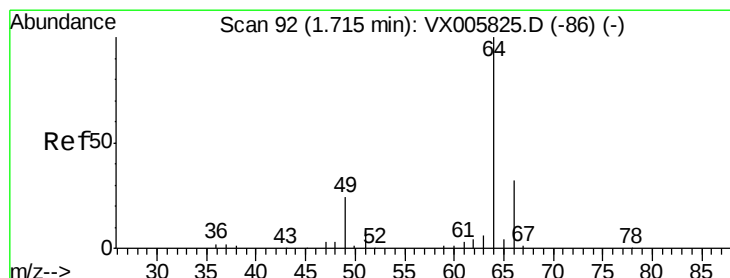
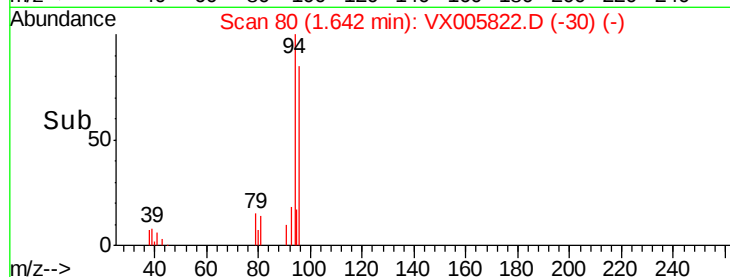
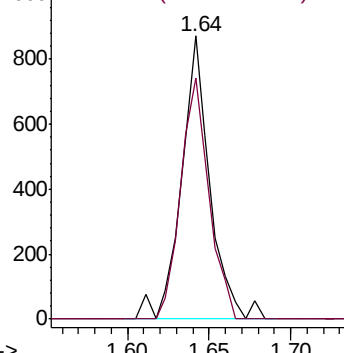
94 100

96 85.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.046 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005822.D

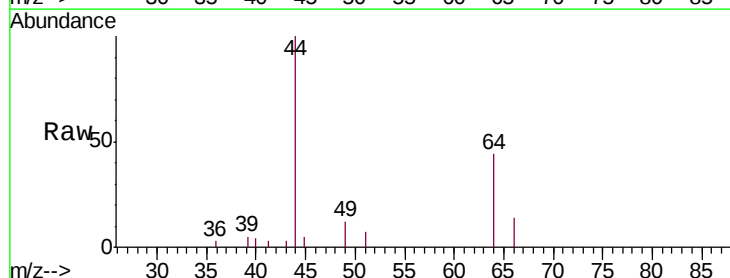
Acq: 07 Nov 2018 12:05

Tgt Ion: 64 Resp: 1003

Ion Ratio Lower Upper

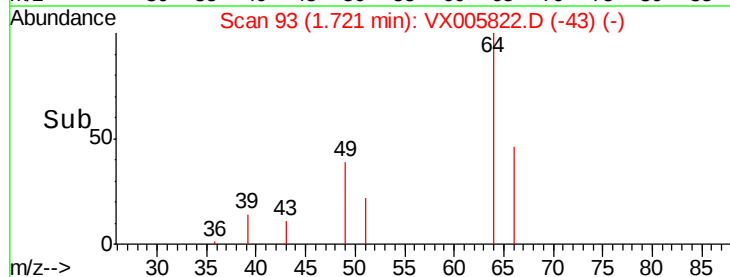
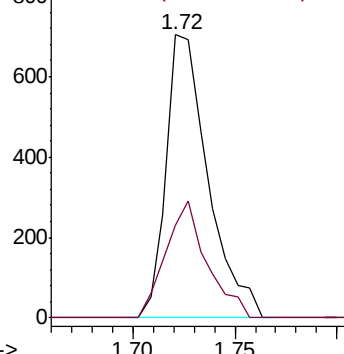
64 100

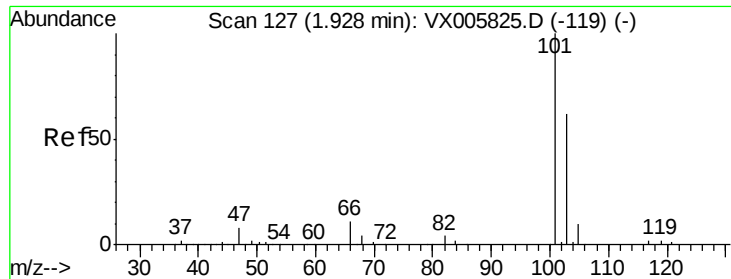
66 32.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



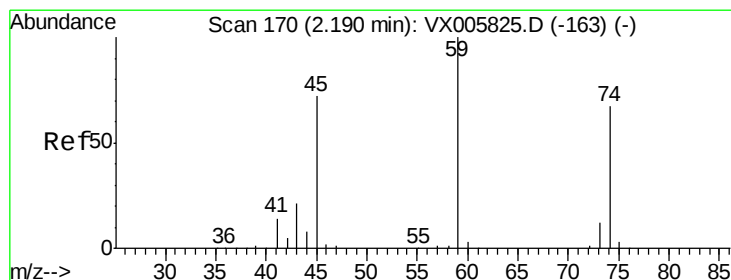
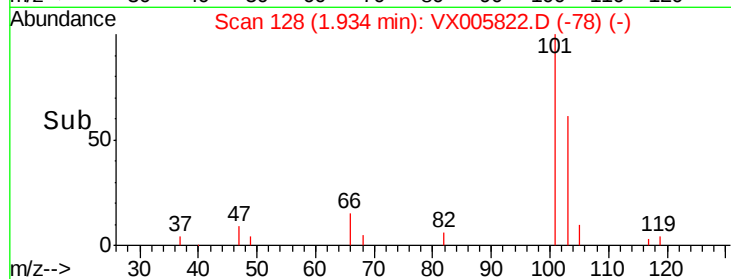
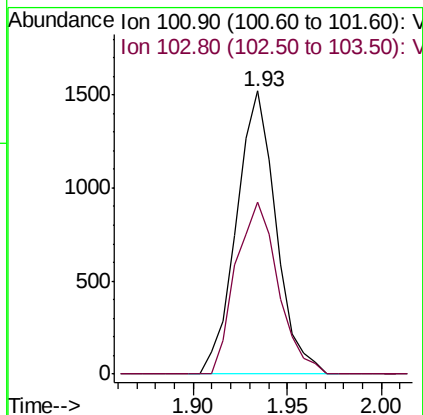
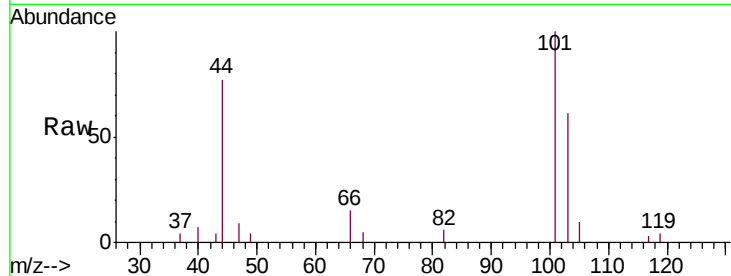


#7

Trichlorofluoromethane
Concen: 1.038 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

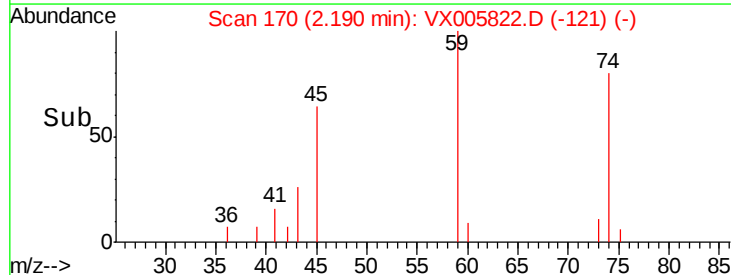
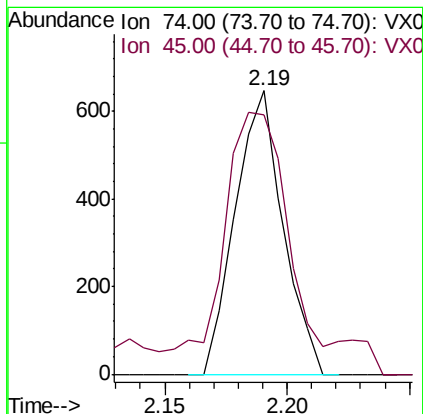
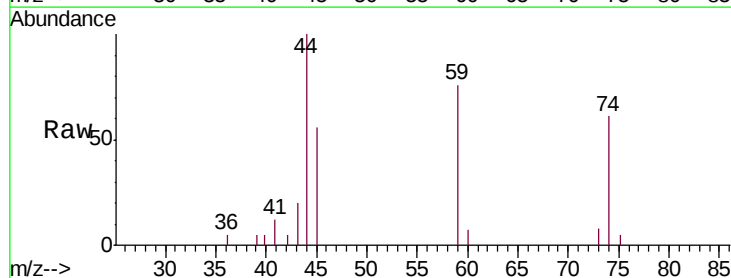
Tgt Ion:101 Resp: 2216
Ion Ratio Lower Upper
101 100
103 60.8 50.0 75.0

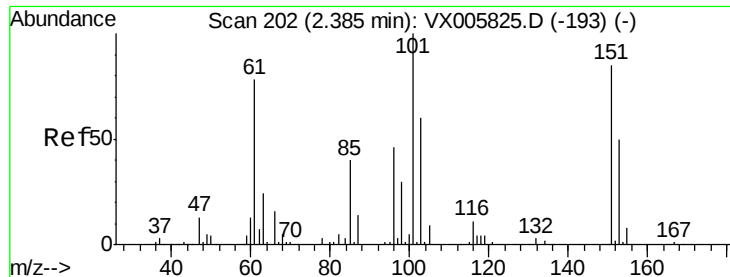


#8

Diethyl Ether
Concen: 1.052 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 74 Resp: 880
Ion Ratio Lower Upper
74 100
45 135.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.070 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

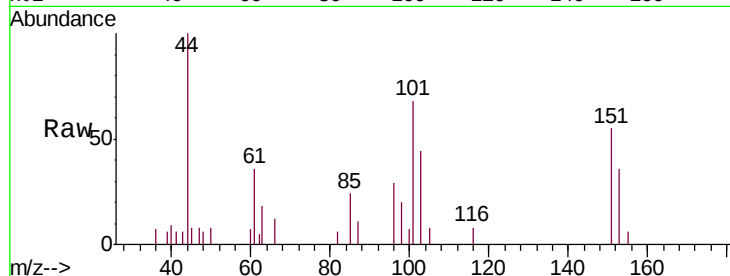
Tgt Ion:101 Resp: 1313

Ion Ratio Lower Upper

101 100

85 47.5 35.0 52.4

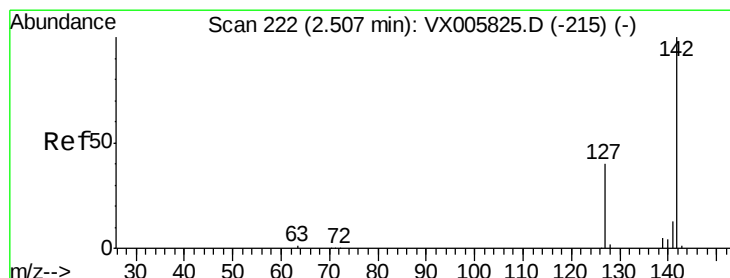
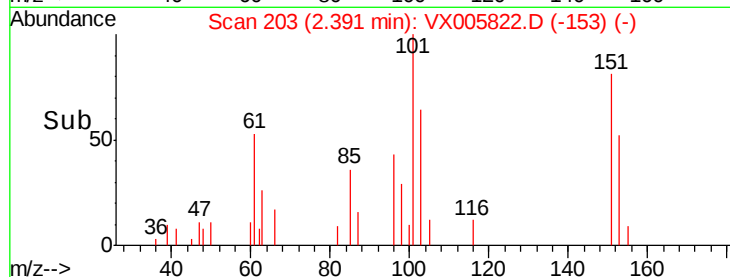
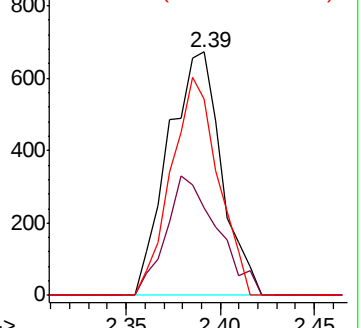
151 79.2 66.2 99.2



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: 0.789 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

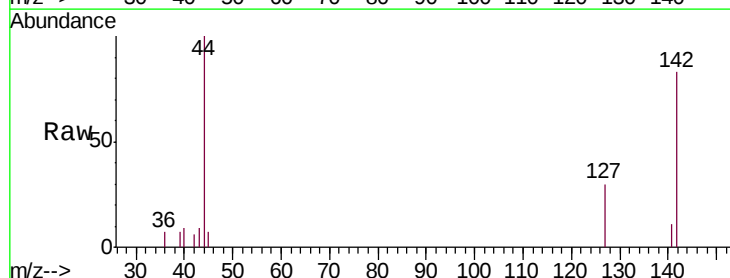
Tgt Ion:142 Resp: 1174

Ion Ratio Lower Upper

142 100

127 40.6 36.0 54.0

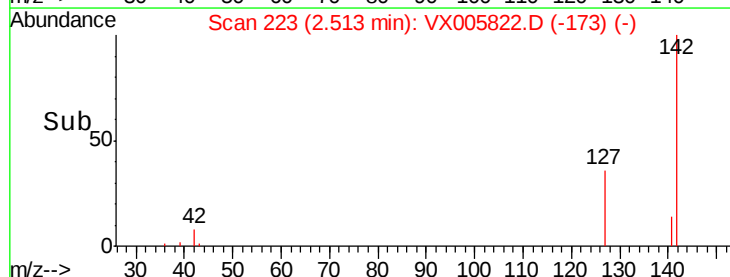
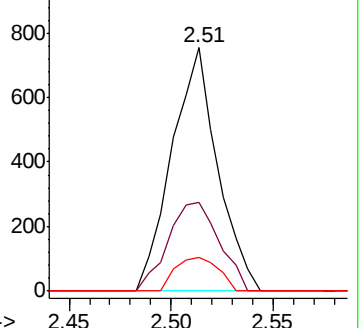
141 12.9 11.7 17.5

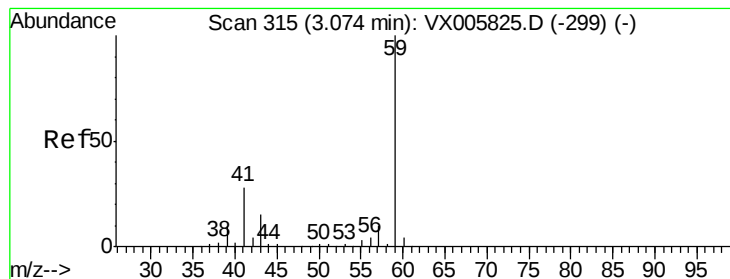


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 6.048 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

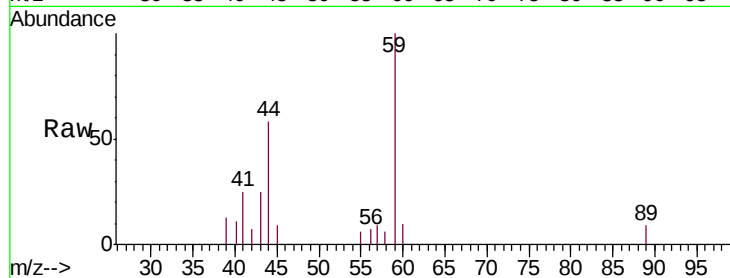
VSTDIC001

Tgt Ion: 59 Resp: 2696

Ion Ratio Lower Upper

59 100

57 8.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

800

600

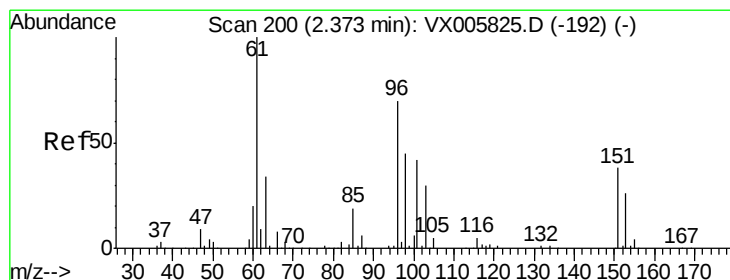
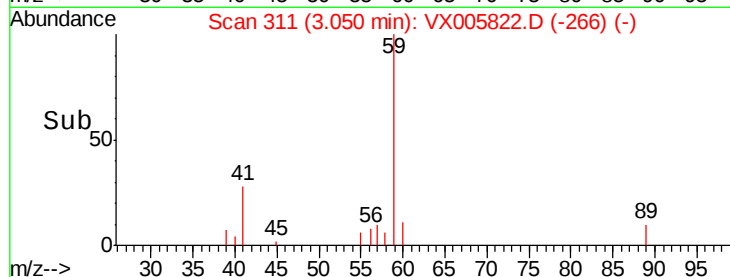
400

200

0

2.95 3.00 3.05 3.10 3.15

Time-->



#12

1,1-Dichloroethene

Concen: 1.136 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

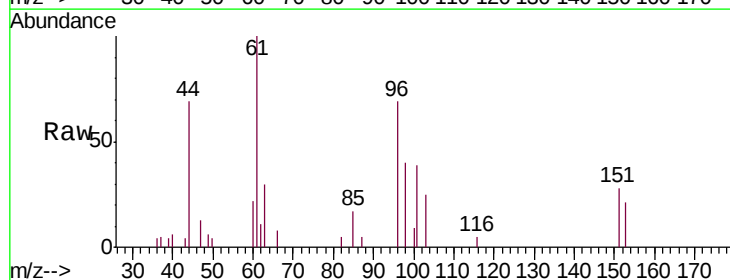
Tgt Ion: 96 Resp: 1359

Ion Ratio Lower Upper

96 100

61 144.8 131.8 197.8

98 57.9 53.4 80.2



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

1500

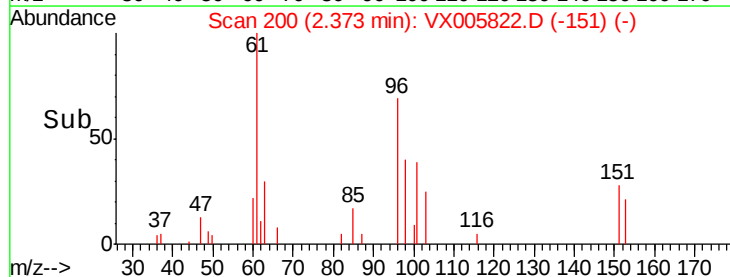
1000

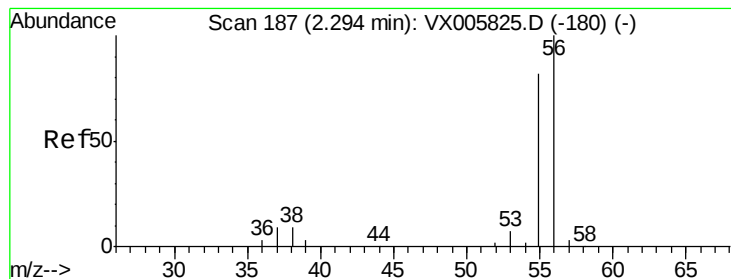
500

0

2.35 2.40

Time-->





#13

Acrolein

Concen: 21.783 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

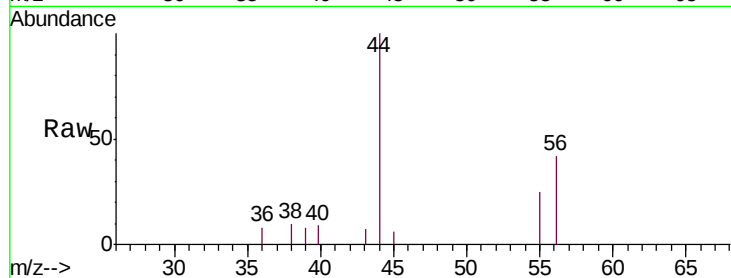
VSTDIC001

Tgt Ion: 56 Resp: 603

Ion Ratio Lower Upper

56 100

55 75.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

400

300

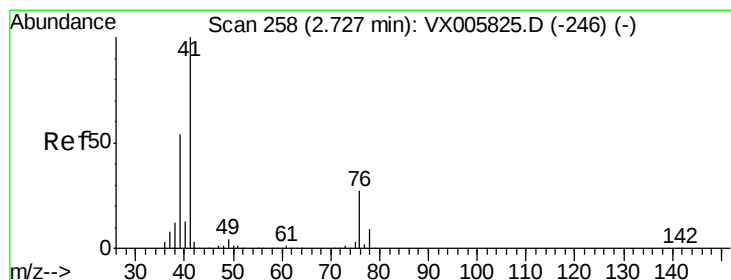
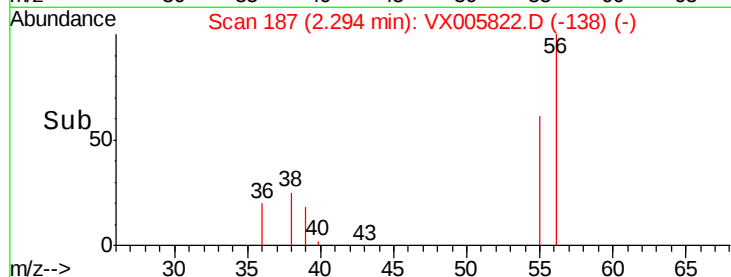
200

100

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 1.083 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

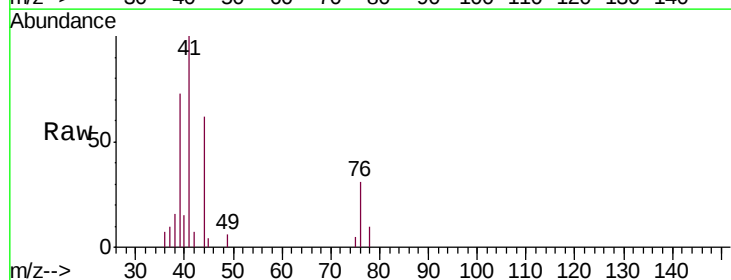
Tgt Ion: 41 Resp: 2895

Ion Ratio Lower Upper

41 100

39 62.4 48.2 72.4

76 25.0 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

1500

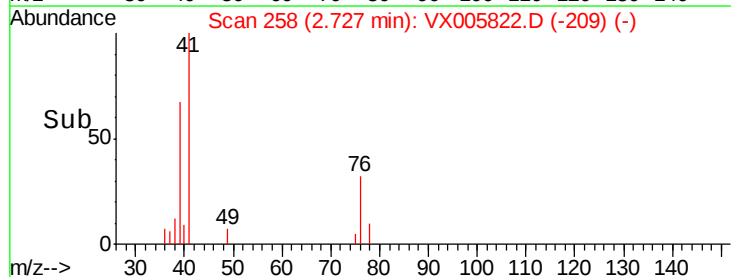
1000

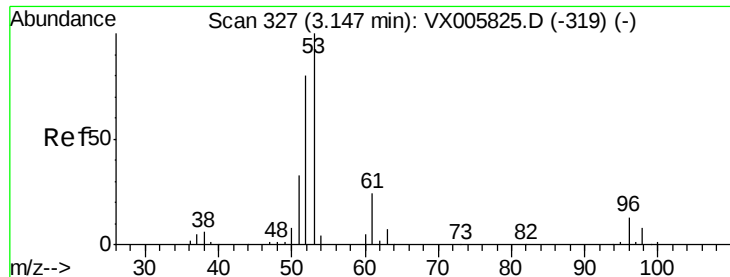
500

0

Time-->

2.65 2.70 2.75 2.80

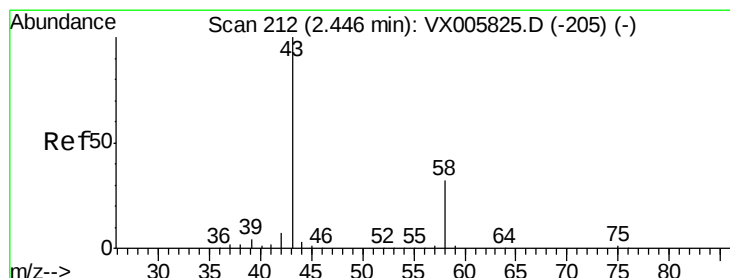
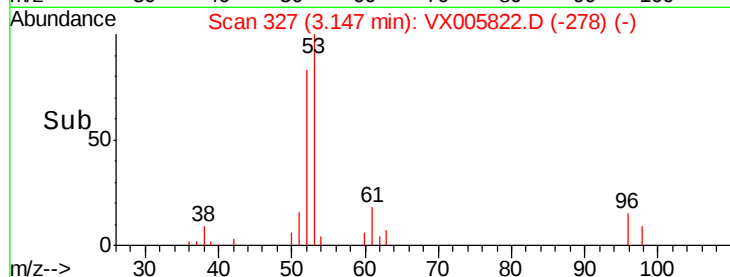
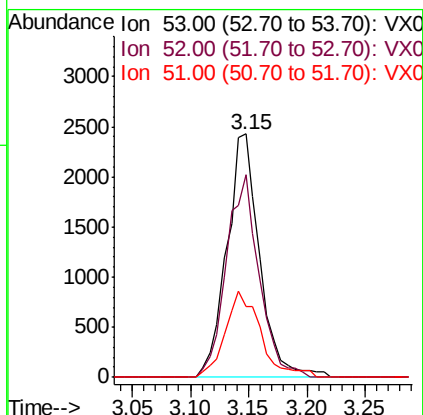
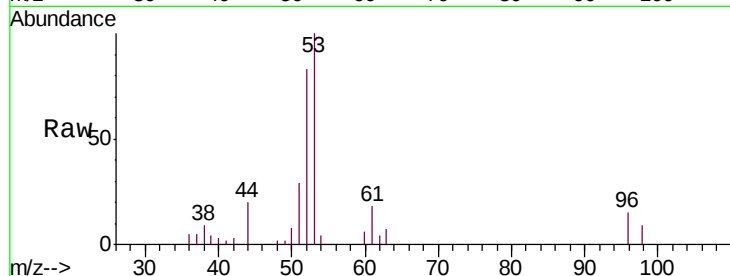




#15
 Acrylonitrile
 Concen: 5.143 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

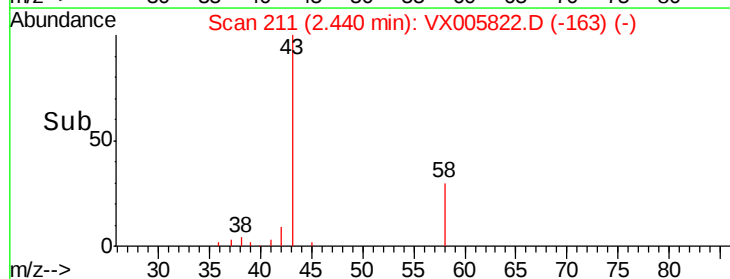
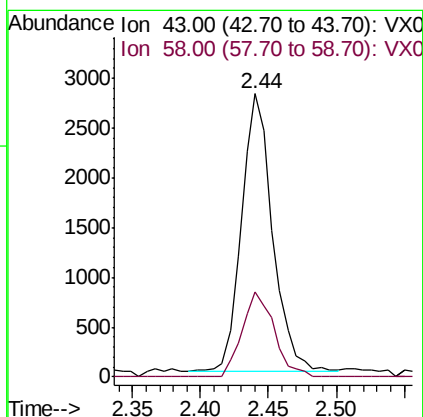
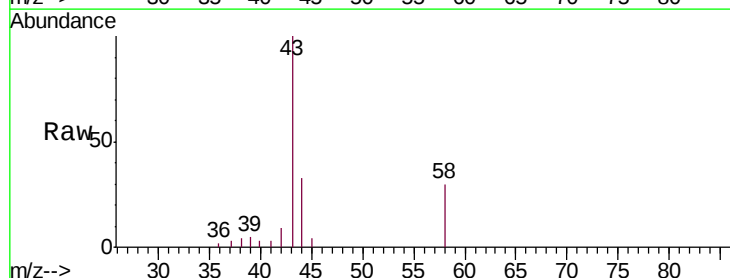
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

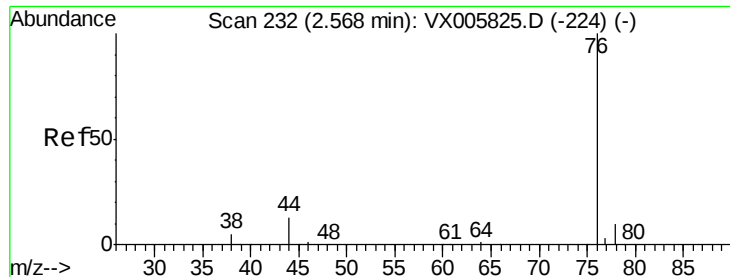
Tgt Ion: 53 Resp: 4751
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.6 99.8
 51 38.1 28.4 42.6



#16
 Acetone
 Concen: 5.301 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 4441
 Ion Ratio Lower Upper
 43 100
 58 30.5 23.8 35.6

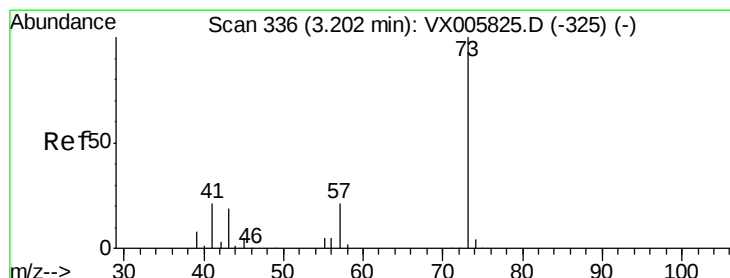
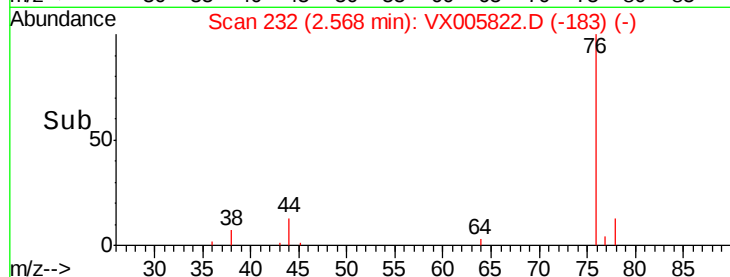
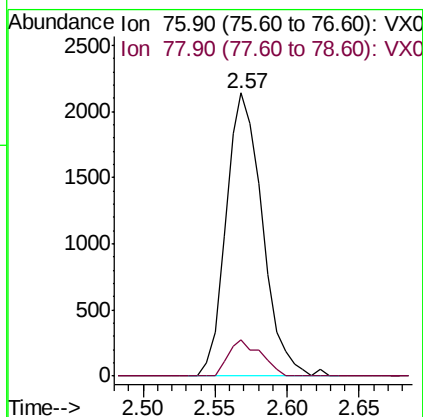
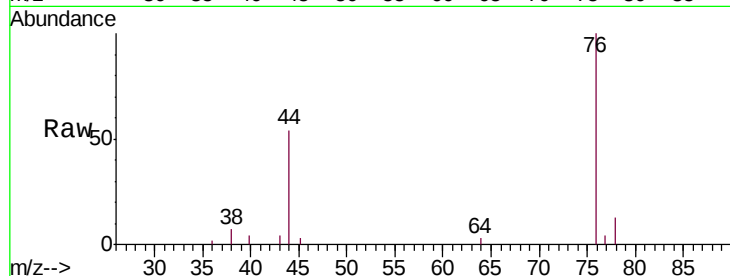




#17
Carbon Disulfide
Concen: 1.058 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

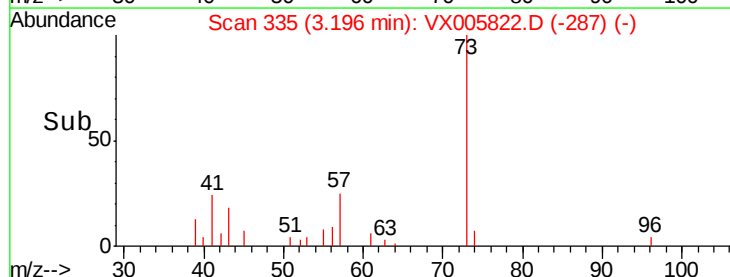
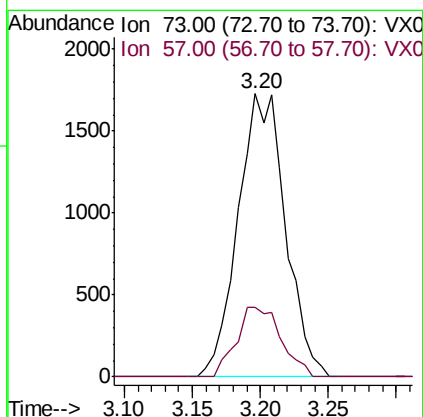
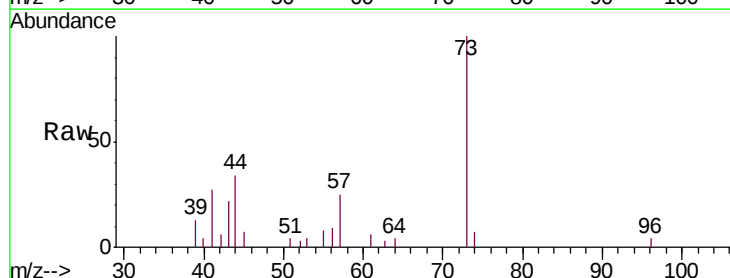
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

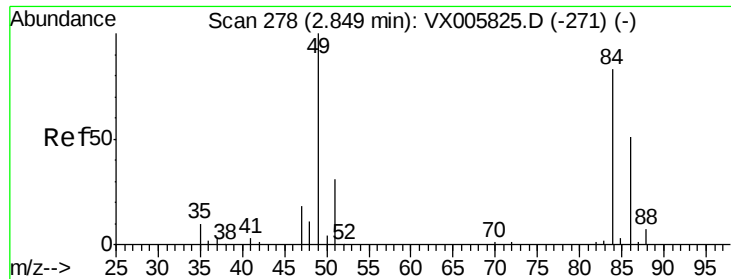
Tgt Ion: 76 Resp: 3776
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#



#19
Methyl tert-butyl Ether
Concen: 1.032 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 73 Resp: 4213
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2

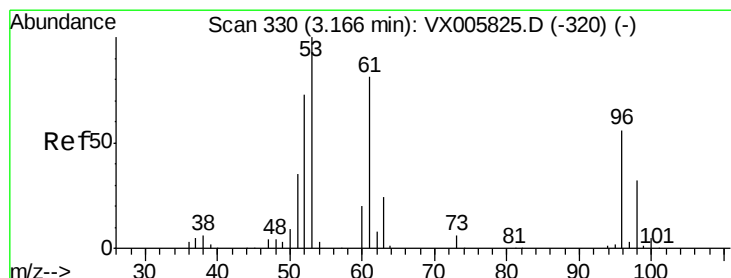
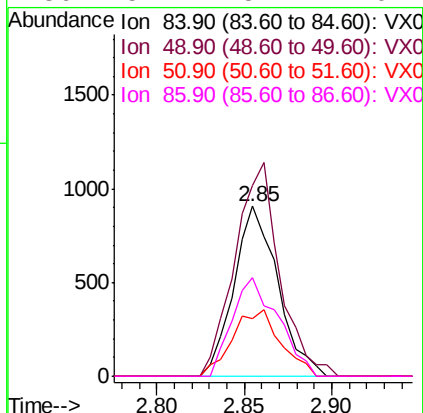
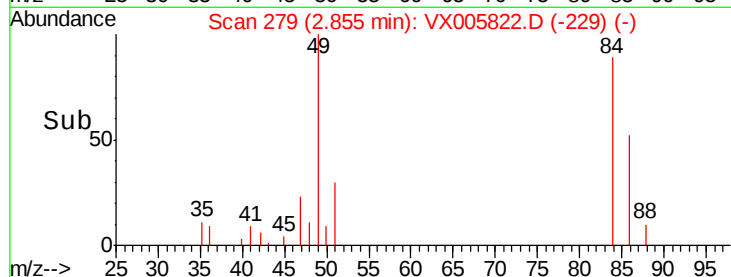
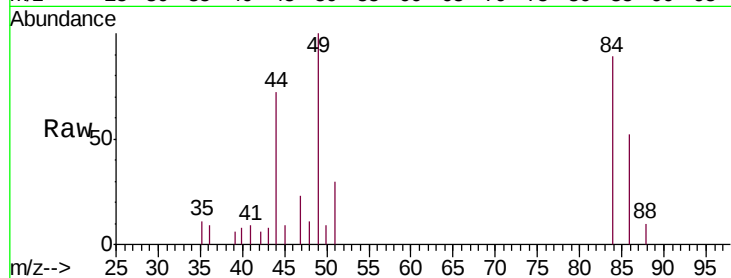




#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

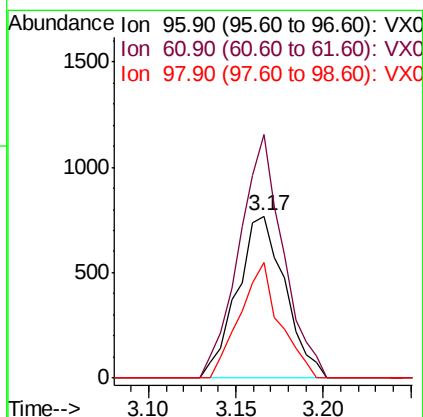
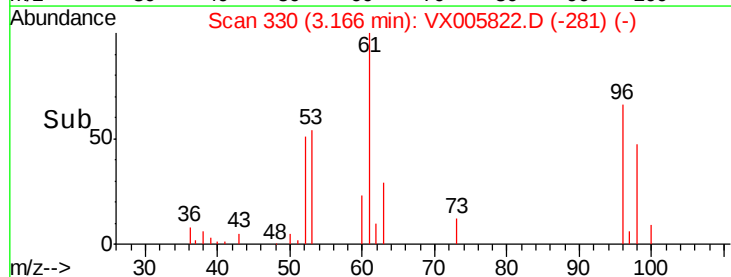
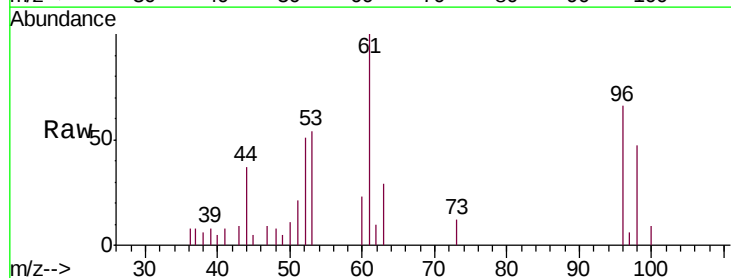
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

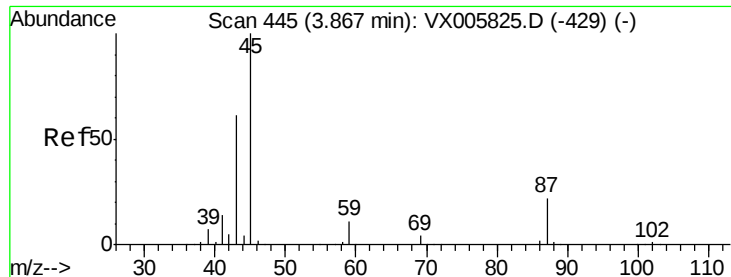
Tgt Ion: 84 Resp: 1585
Ion Ratio Lower Upper
84 100
49 112.0 109.5 164.3
51 33.8 33.3 49.9
86 57.7 52.7 79.1



#21
trans-1,2-Dichloroethene
Concen: 1.161 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 96 Resp: 1465
Ion Ratio Lower Upper
96 100
61 150.6 115.6 173.4
98 71.3 50.2 75.2





#22

Diisopropyl ether

Concen: 1.103 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 45 Resp: 5162

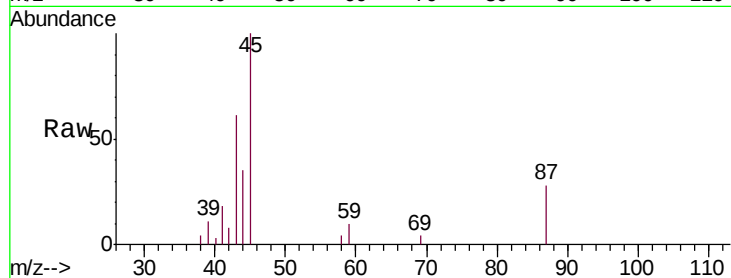
Ion Ratio Lower Upper

45 100

43 56.2 47.4 71.2

87 27.7 15.9 23.9#

59 10.3 7.7 11.5



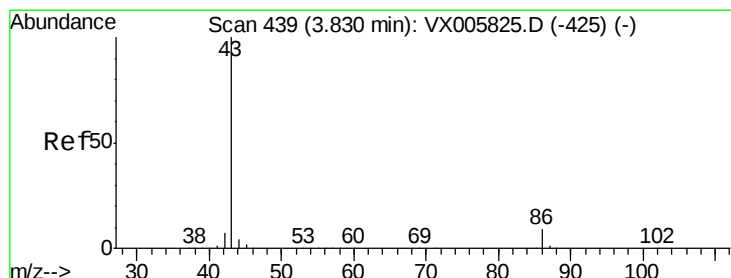
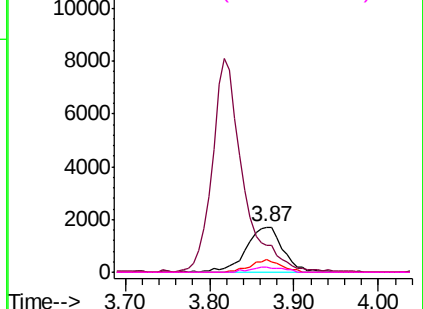
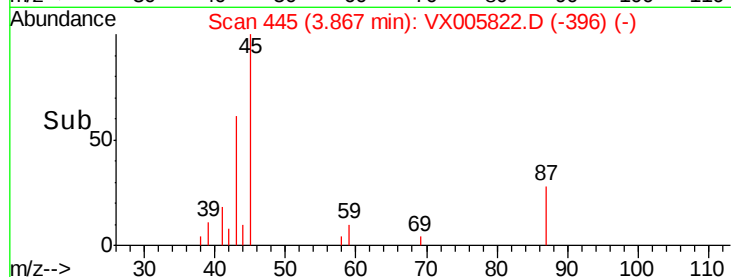
Abundance

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: 5.096 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005822.D

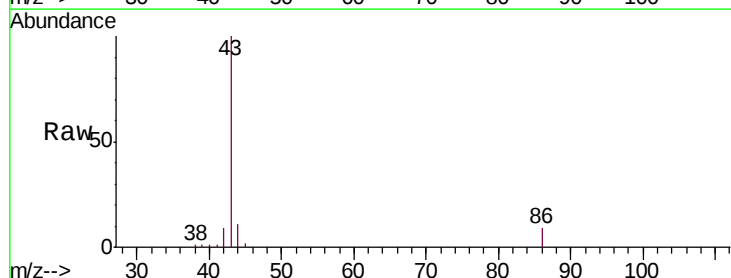
Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 20450

Ion Ratio Lower Upper

43 100

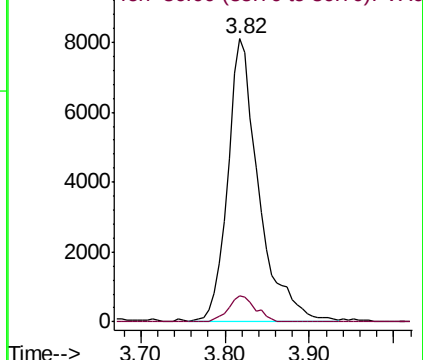
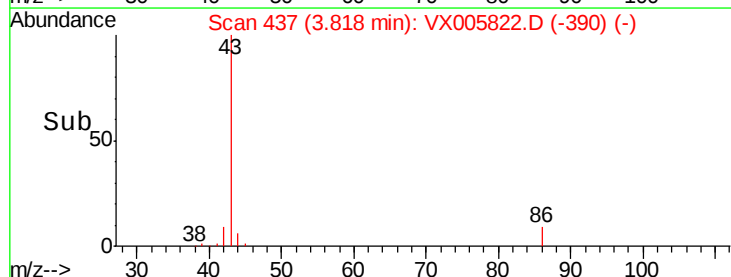
86 9.1 7.4 11.2

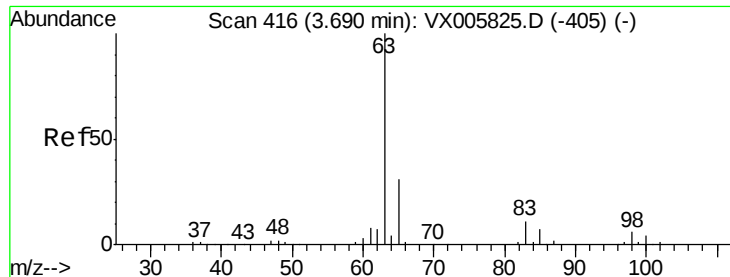


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 1.063 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

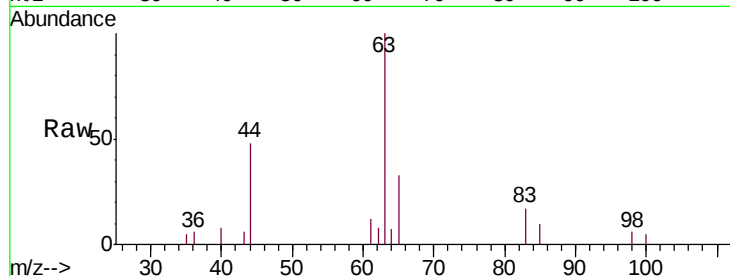
Tgt Ion: 63 Resp: 2654

Ion Ratio Lower Upper

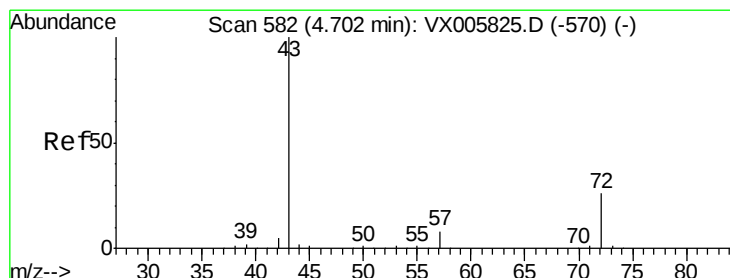
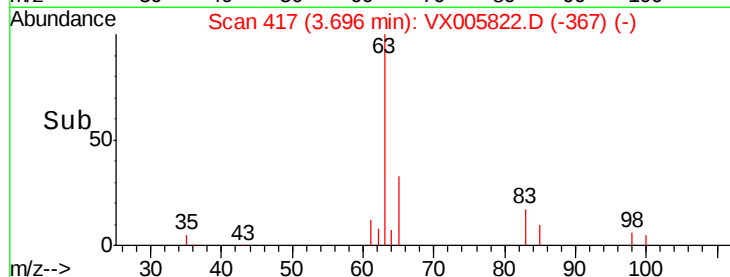
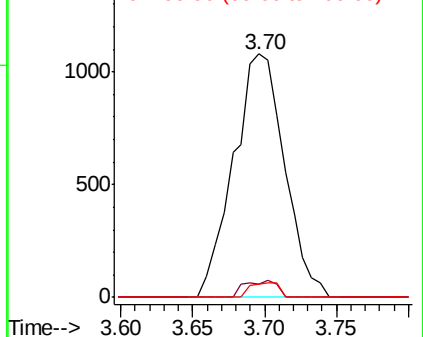
63 100

98 5.6 3.2 9.6

100 5.5 2.1 6.2



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: 4.834 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005822.D

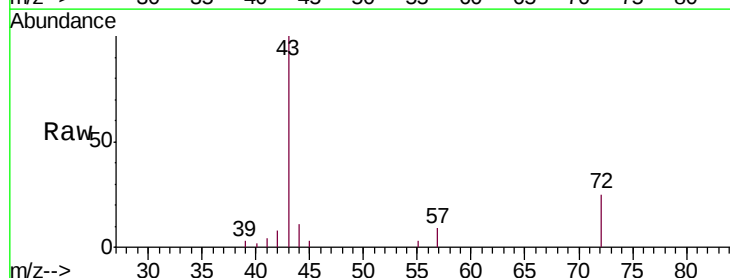
Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 6367

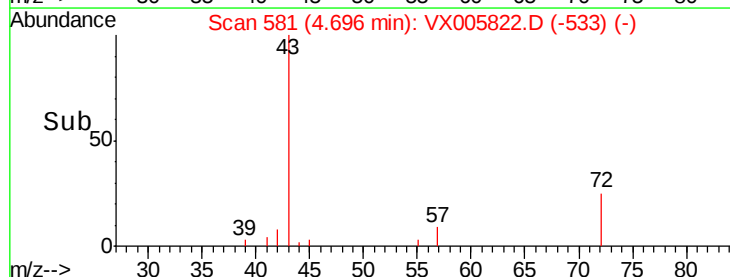
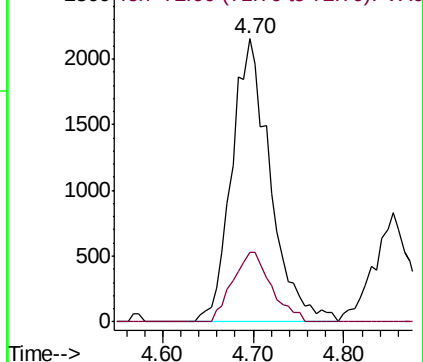
Ion Ratio Lower Upper

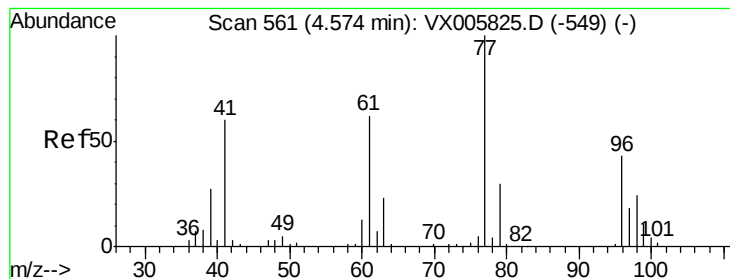
43 100

72 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 0.983 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

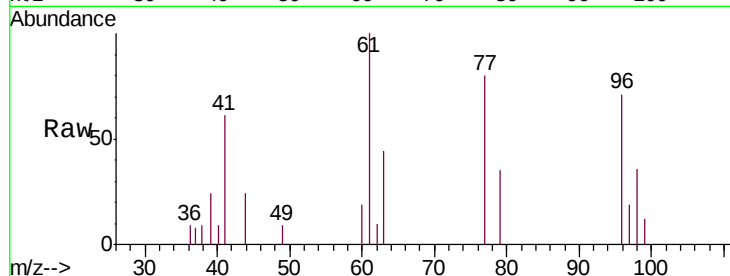
VSTDIC001

Tgt Ion: 77 Resp: 1801

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

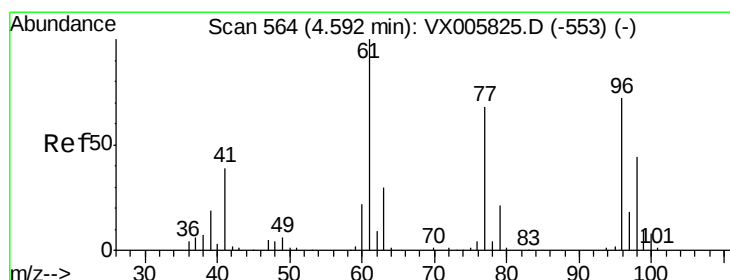
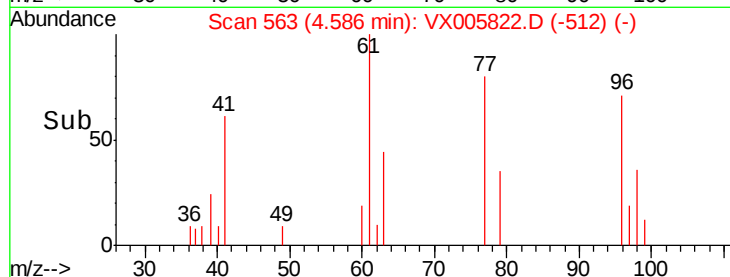
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.000 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

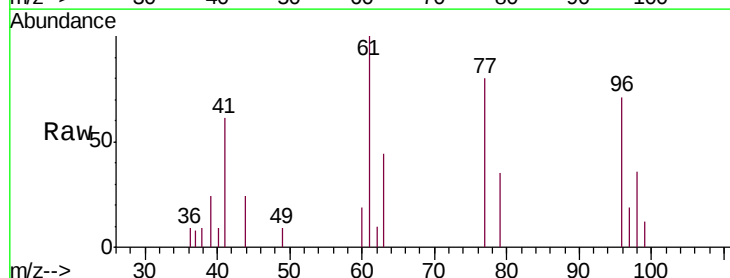
Tgt Ion: 96 Resp: 1393

Ion Ratio Lower Upper

96 100

61 170.2 0.0 304.6

98 66.2 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

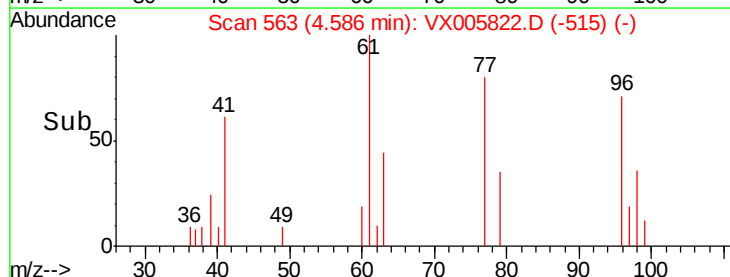
600

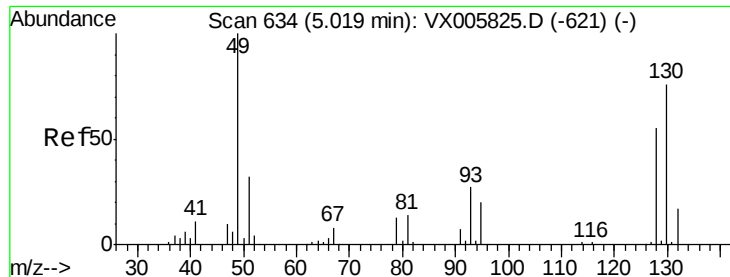
400

200

0

Time-->





#28

Bromochloromethane

Concen: 0.882 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

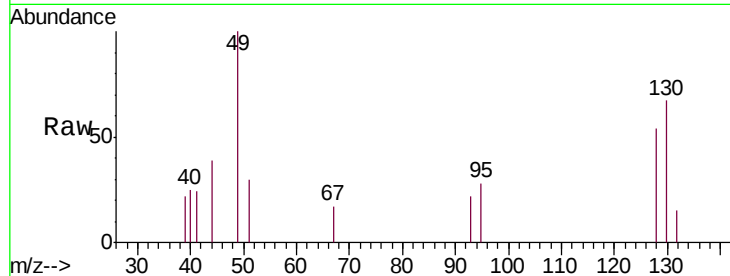
Tgt Ion: 49 Resp: 984

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

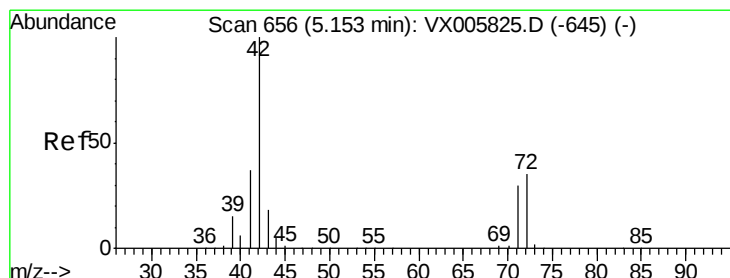
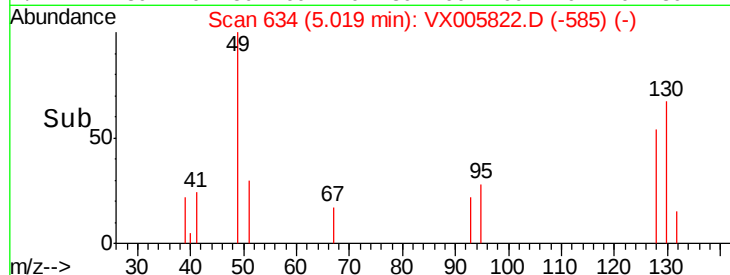
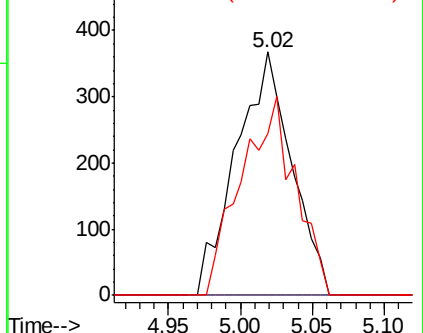
130 79.8 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.653 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

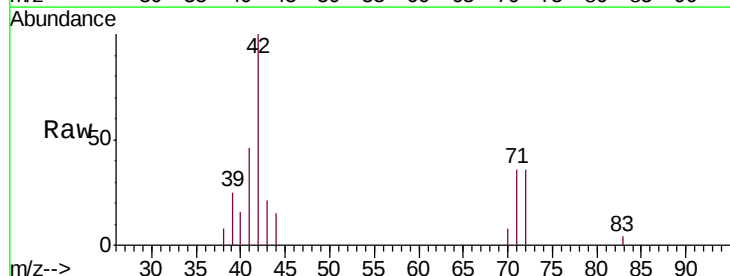
Tgt Ion: 42 Resp: 3935

Ion Ratio Lower Upper

42 100

72 38.4 32.0 48.0

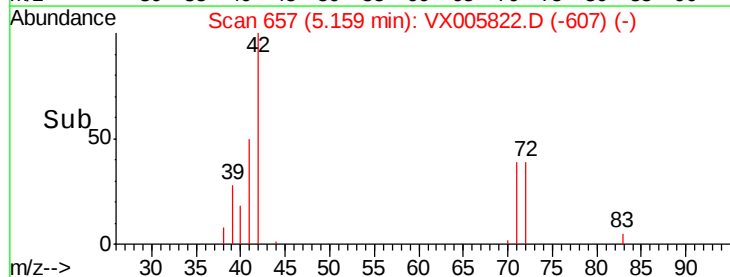
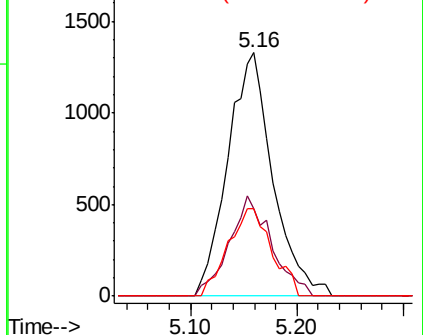
71 34.8 29.8 44.8

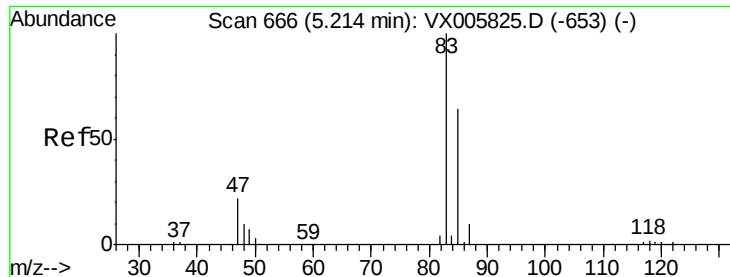


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 1.030 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

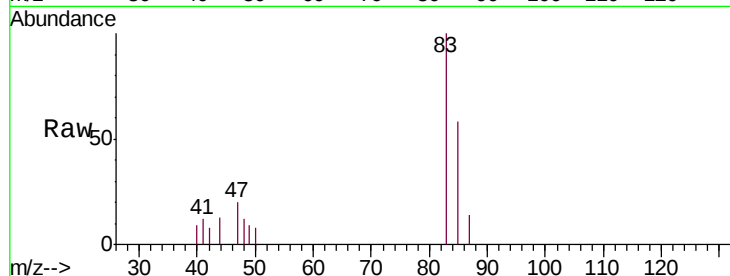
VSTDIC001

Tgt Ion: 83 Resp: 2481

Ion Ratio Lower Upper

83 100

85 58.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

800

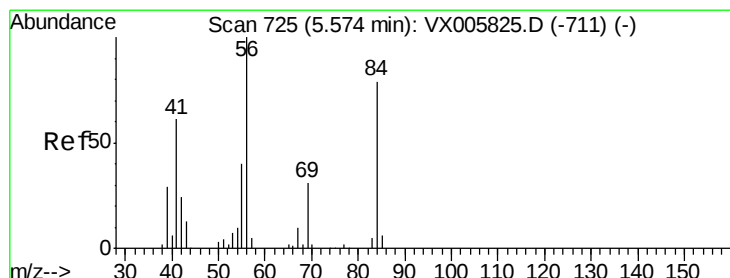
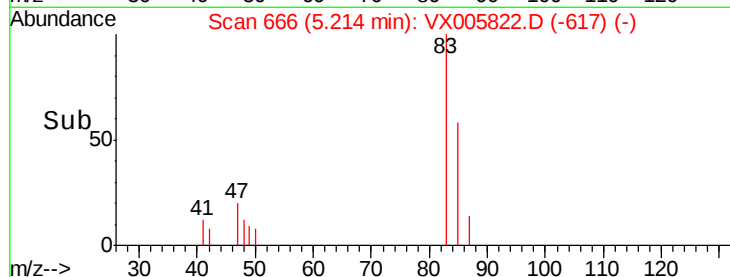
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 0.936 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

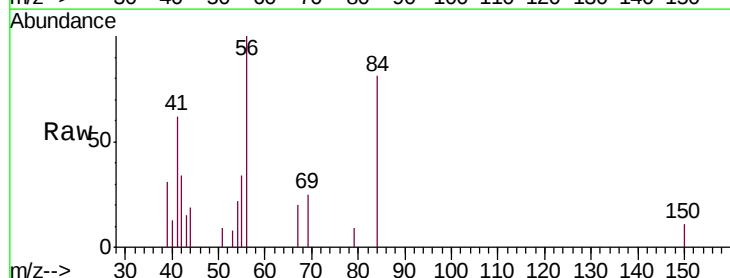
Tgt Ion: 56 Resp: 2030

Ion Ratio Lower Upper

56 100

69 24.6 22.6 34.0

84 80.8 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

2000

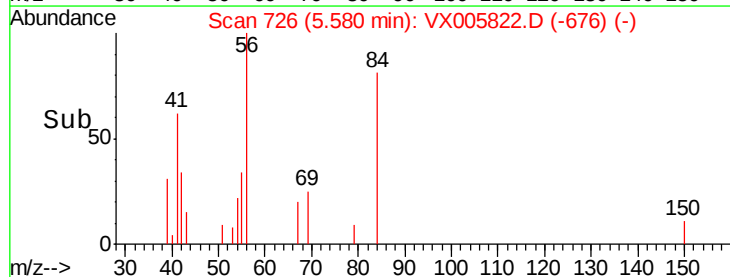
1500

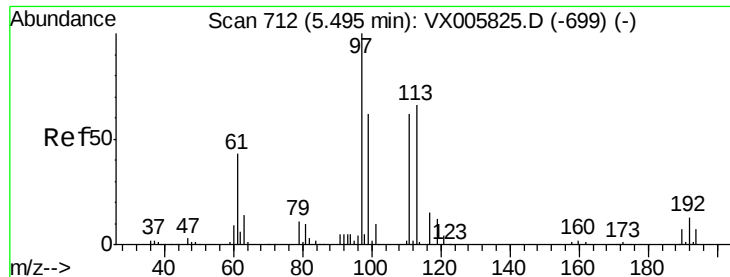
1000

500

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.972 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

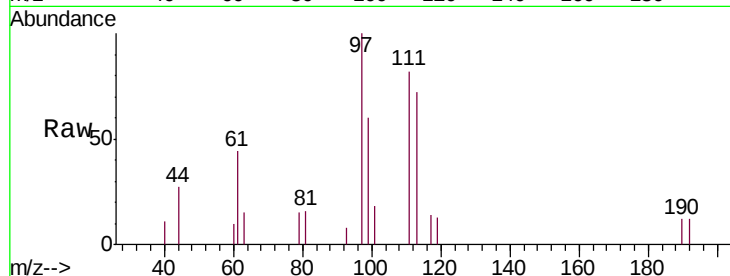
Tgt Ion: 97 Resp: 1953

Ion Ratio Lower Upper

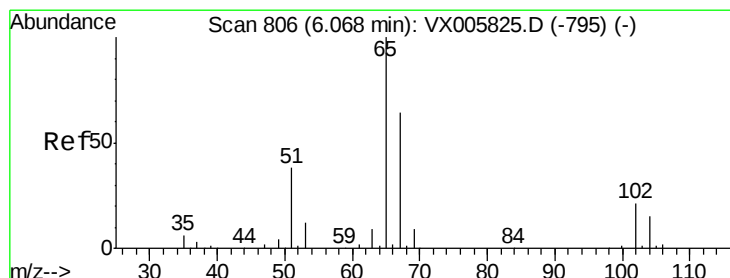
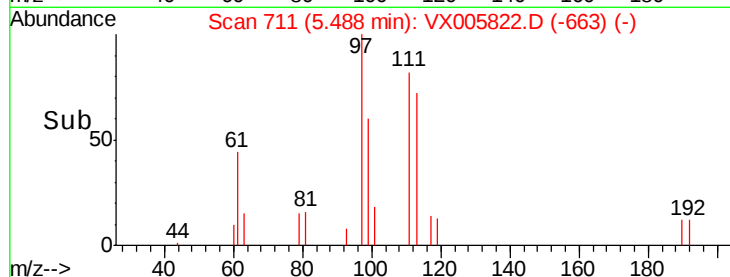
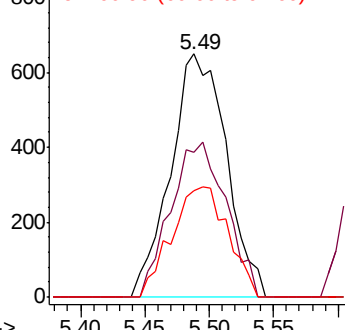
97 100

99 0.0 52.3 78.5#

61 45.8 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 1.367 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005822.D

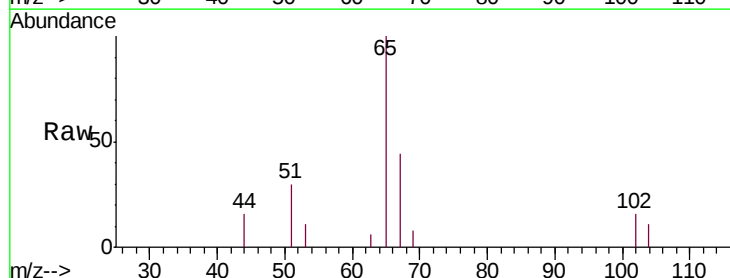
Acq: 07 Nov 2018 12:05

Tgt Ion: 65 Resp: 2127

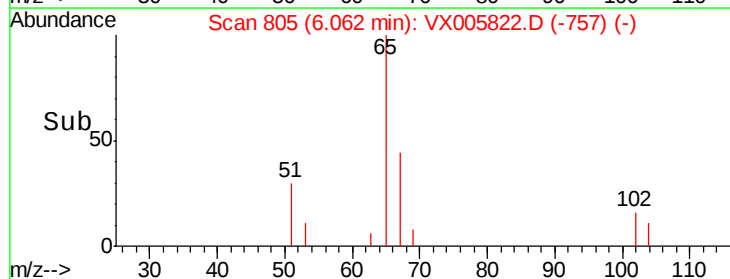
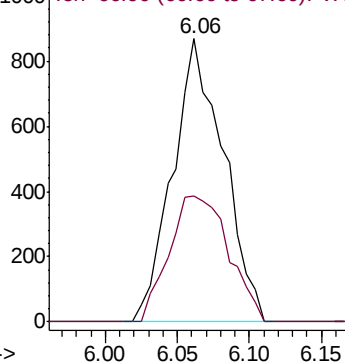
Ion Ratio Lower Upper

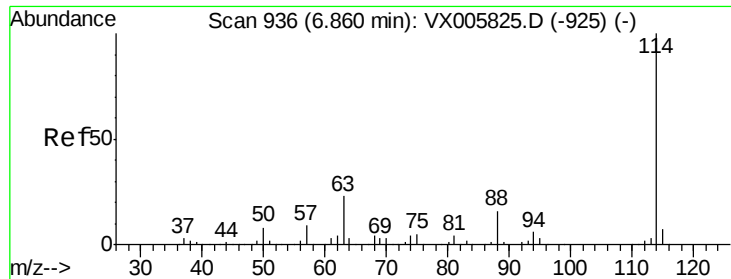
65 100

67 52.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

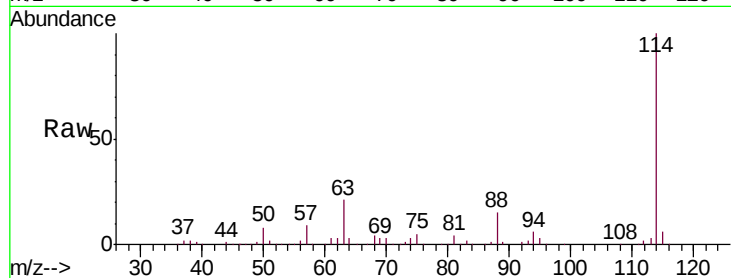




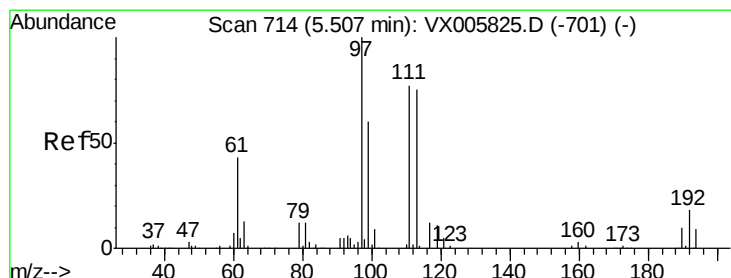
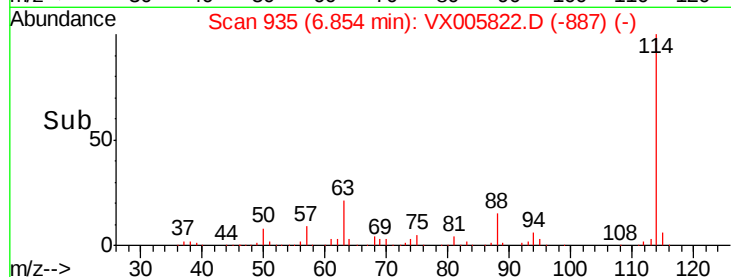
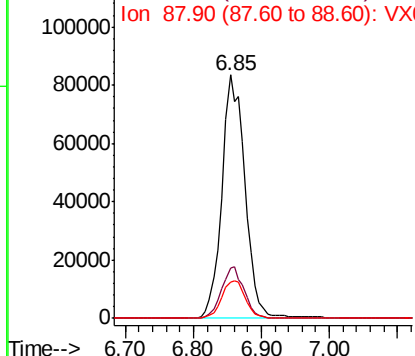
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:114 Resp: 197451
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 14.9 0.0 31.2

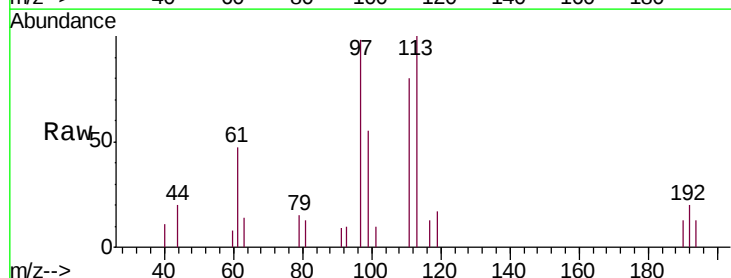


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

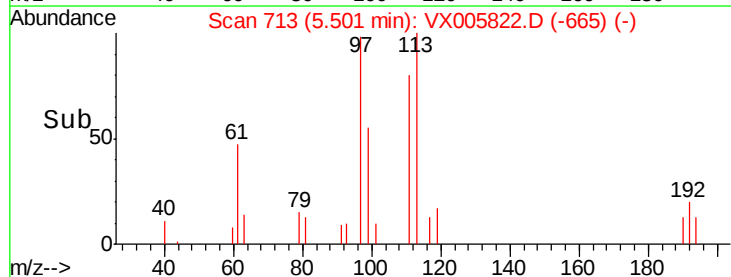
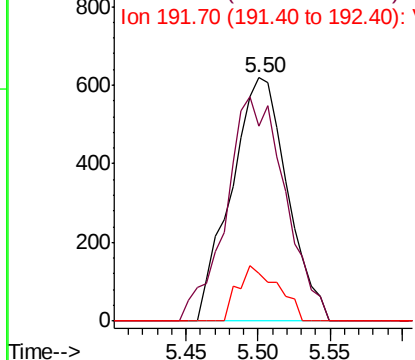


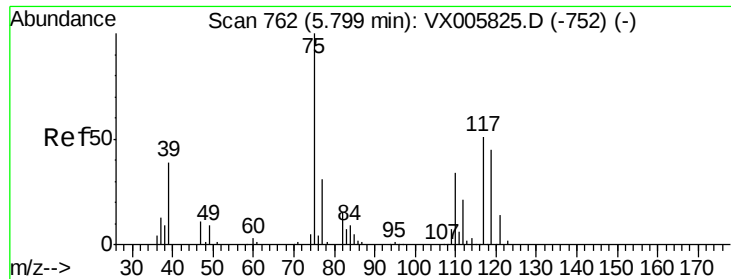
#35
Dibromofluoromethane
Concen: 1.247 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:113 Resp: 1675
Ion Ratio Lower Upper
113 100
111 97.1 82.3 123.5
192 16.2 17.9 26.9#



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

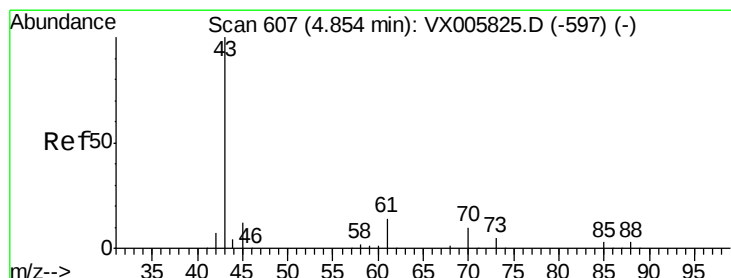
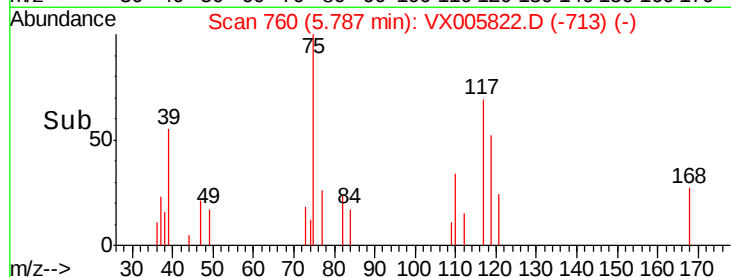
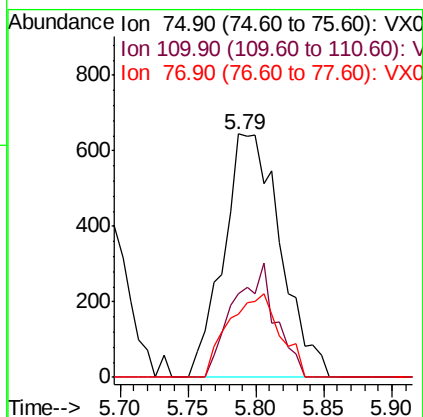
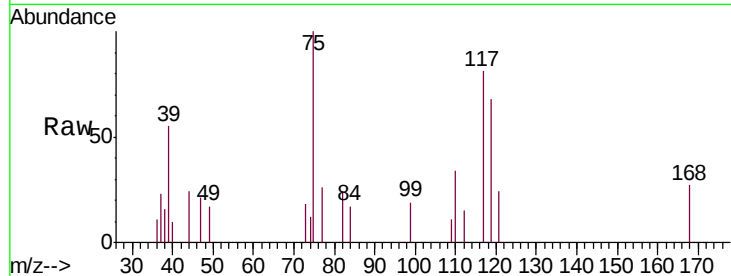




#36
 1,1-Dichloropropene
 Concen: 0.992 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

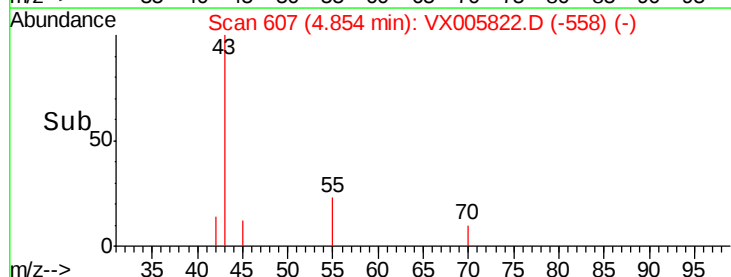
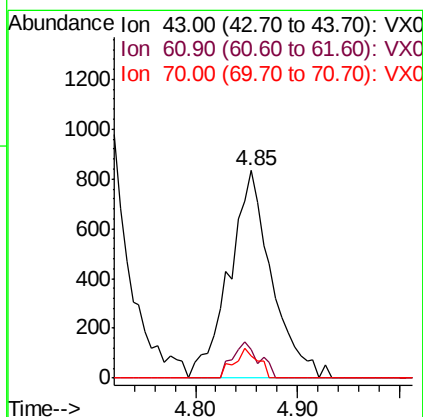
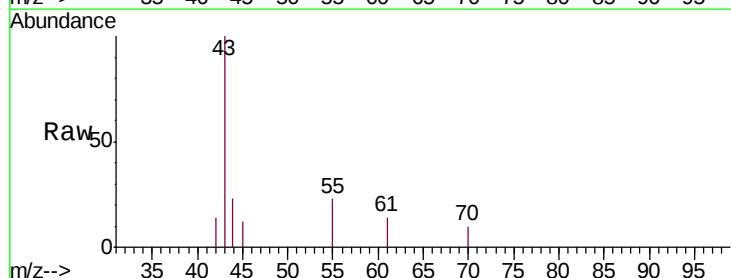
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

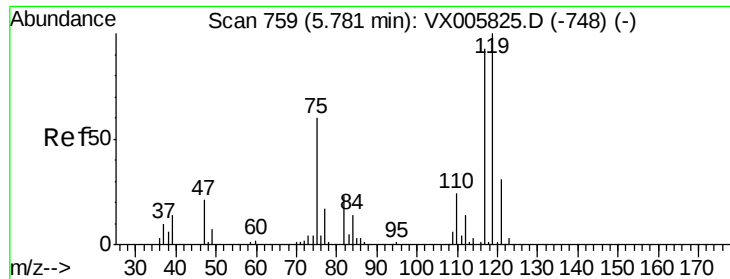
Tgt Ion: 75 Resp: 1889
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.4 52.2
 77 30.9 25.8 38.6



#37
 Ethyl Acetate
 Concen: 0.960 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 2403
 Ion Ratio Lower Upper
 43 100
 61 11.0 10.8 16.2
 70 7.9 7.8 11.8

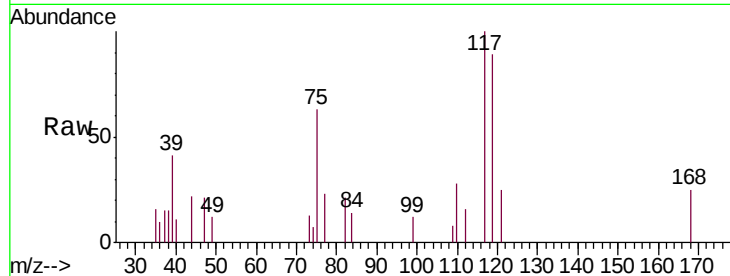




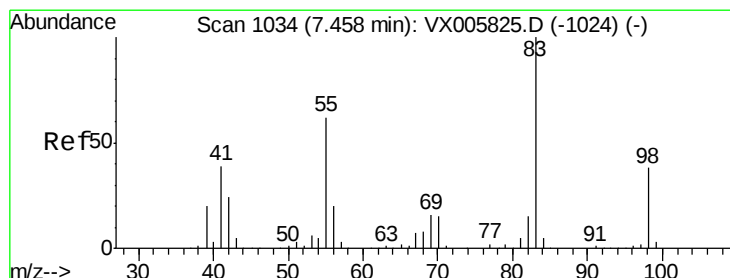
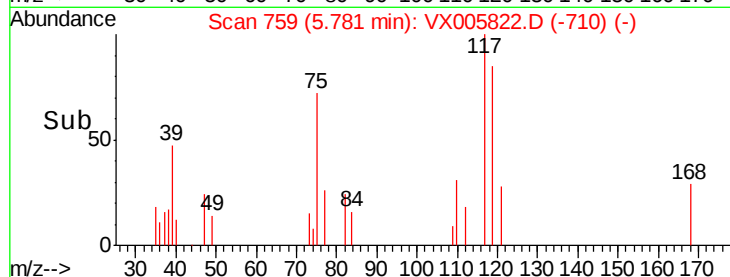
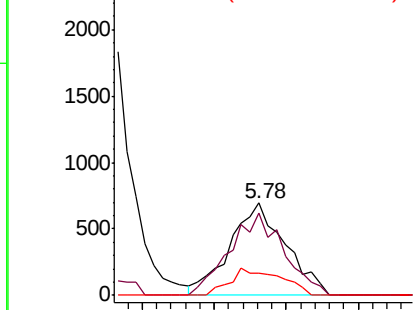
#38
Carbon Tetrachloride
Concen: 0.980 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 117 Resp: 1868
Ion Ratio Lower Upper
117 100
119 89.2 78.1 117.1
121 24.6 24.6 36.8

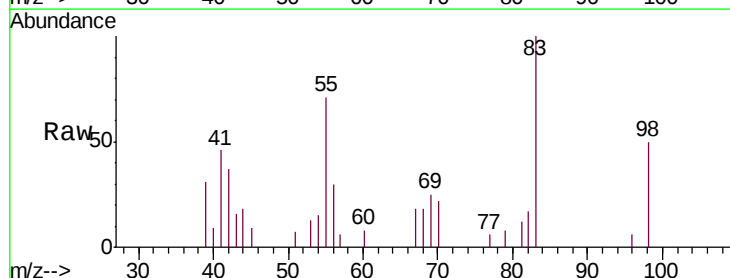


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

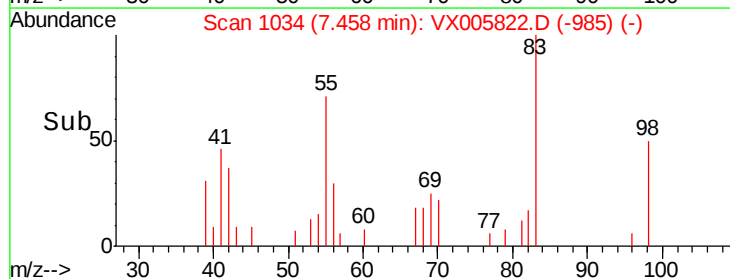
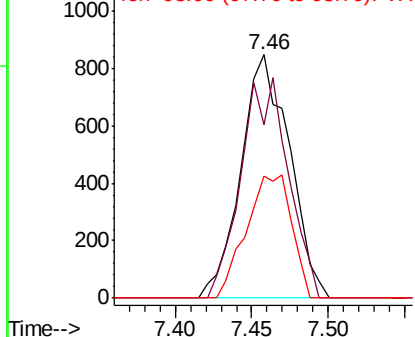


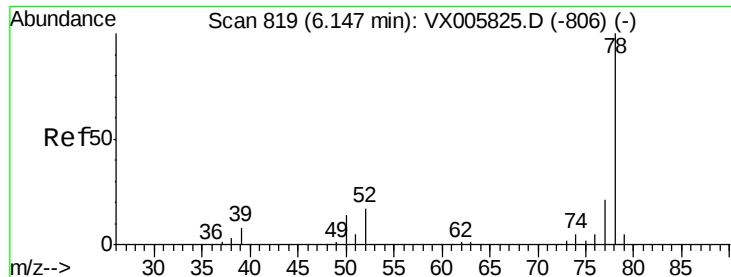
#39
Methylcyclohexane
Concen: 0.970 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 83 Resp: 1872
Ion Ratio Lower Upper
83 100
55 71.3 63.7 95.5
98 49.9 36.2 54.2



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: 0.996 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

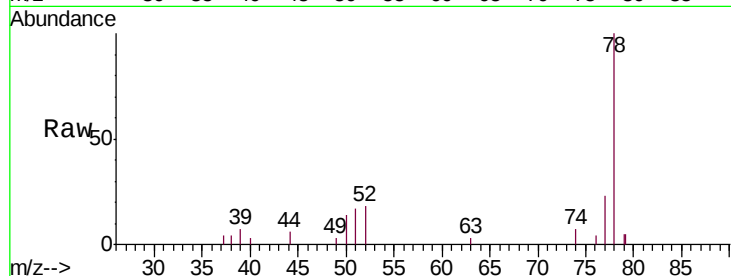
VSTDIC001

Tgt Ion: 78 Resp: 5528

Ion Ratio Lower Upper

78 100

77 23.5 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2000

1500

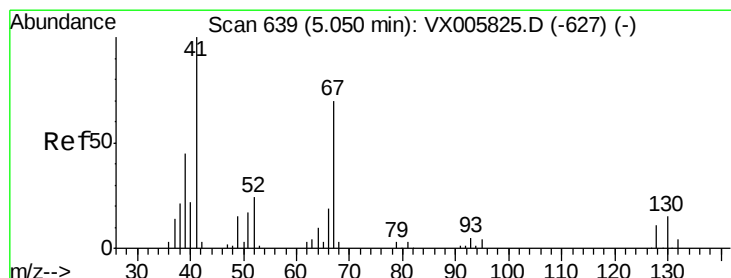
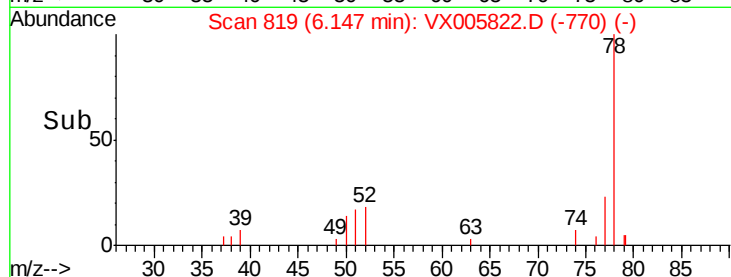
1000

500

0

Time-->

6.05 6.10 6.15 6.20 6.25



#41

Methacrylonitrile

Concen: 0.954 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Tgt Ion: 41 Resp: 1290

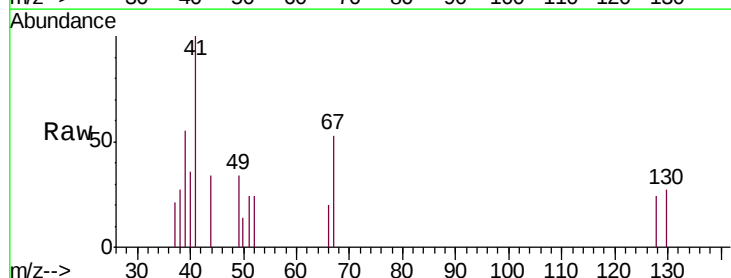
Ion Ratio Lower Upper

41 100

39 61.6 42.2 63.2

67 57.4 53.4 80.0

52 27.4 23.4 35.2



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

1200

1000

800

600

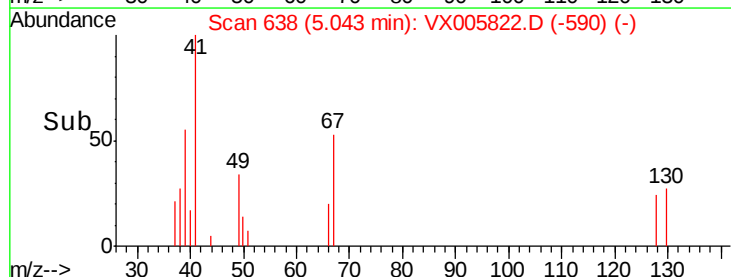
400

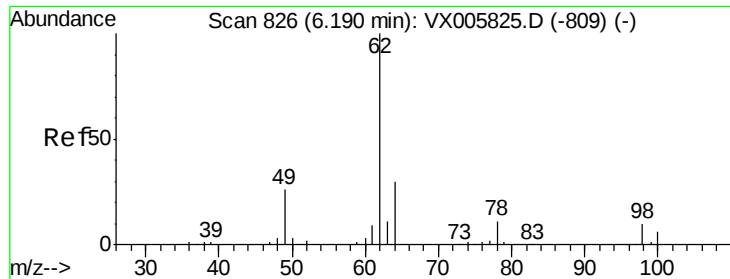
200

0

Time-->

4.95 5.00 5.05 5.10

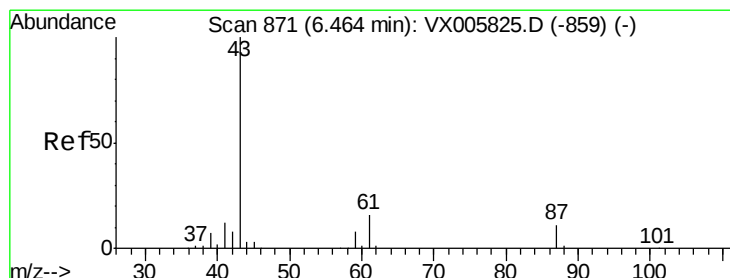
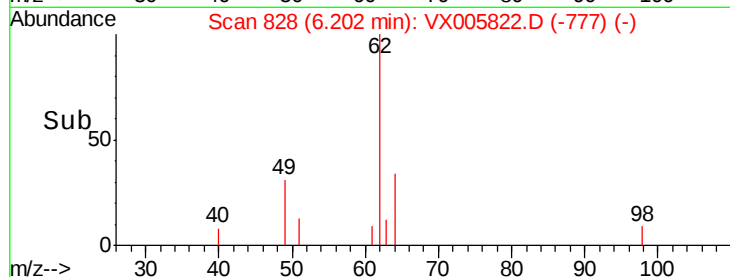
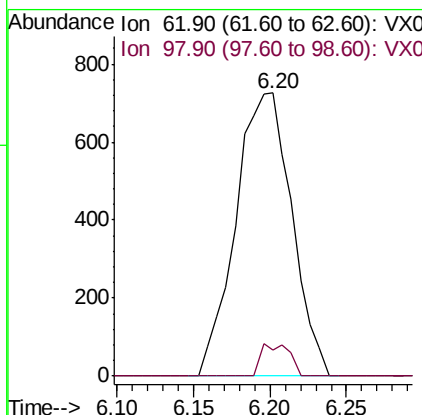
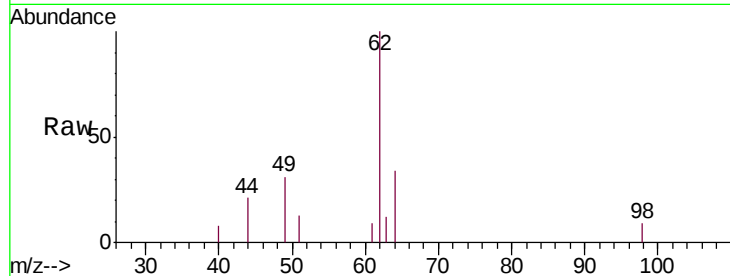




#42
 1,2-Dichloroethane
 Concen: 0.929 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

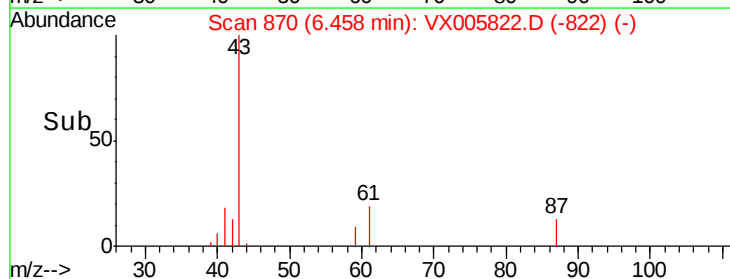
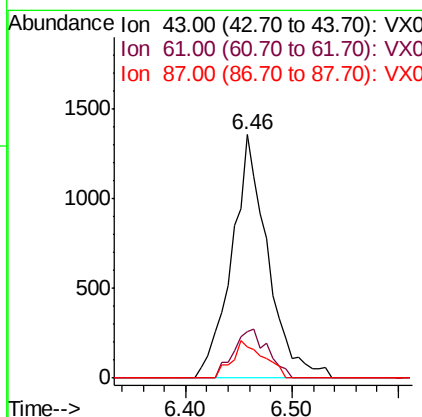
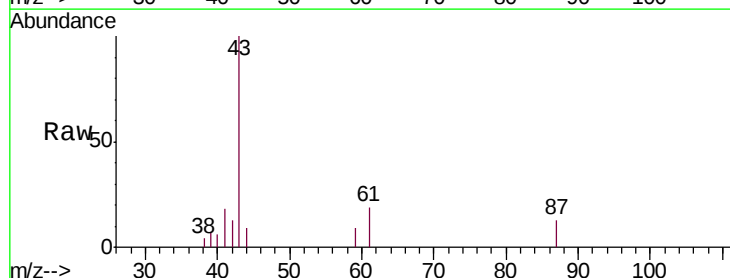
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

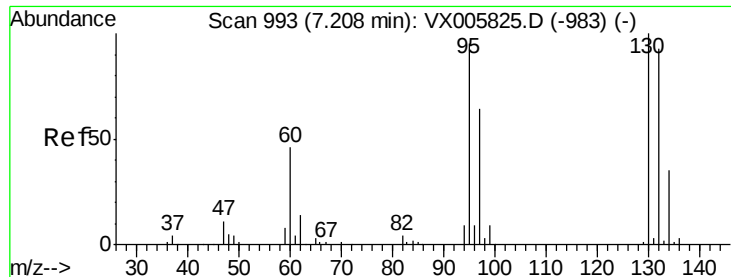
Tgt Ion: 62 Resp: 1847
 Ion Ratio Lower Upper
 62 100
 98 5.7 0.0 17.8



#43
 Isopropyl Acetate
 Concen: 0.883 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 3201
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.6 22.0
 87 13.4 9.6 14.4





#44

Trichloroethene

Concen: 1.111 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

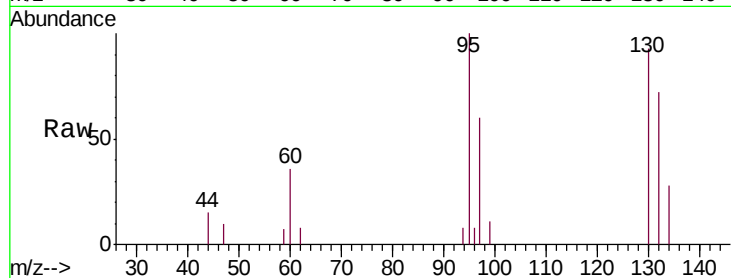
VSTDIC001

Tgt Ion:130 Resp: 1566

Ion Ratio Lower Upper

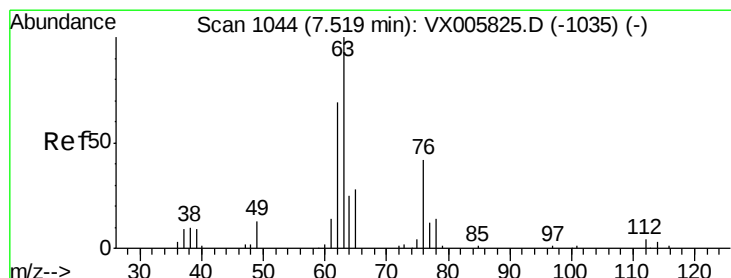
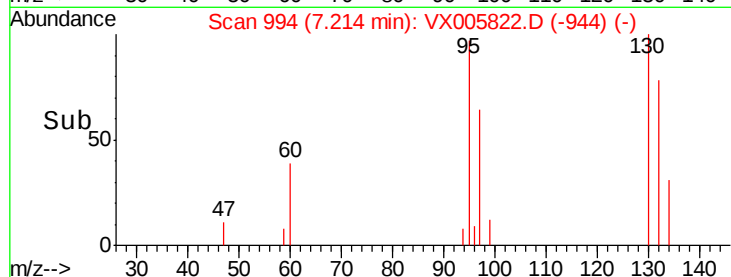
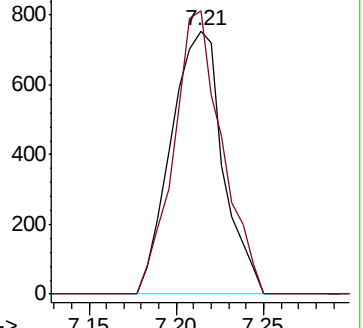
130 100

95 107.7 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.105 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005822.D

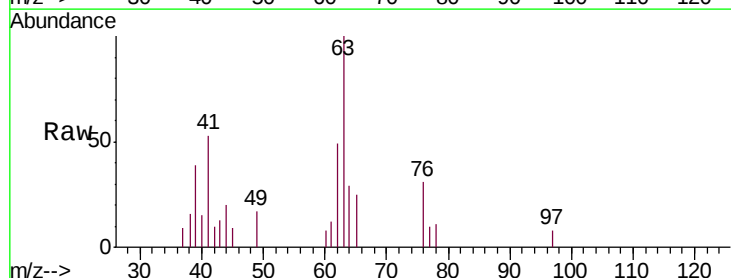
Acq: 07 Nov 2018 12:05

Tgt Ion: 63 Resp: 1488

Ion Ratio Lower Upper

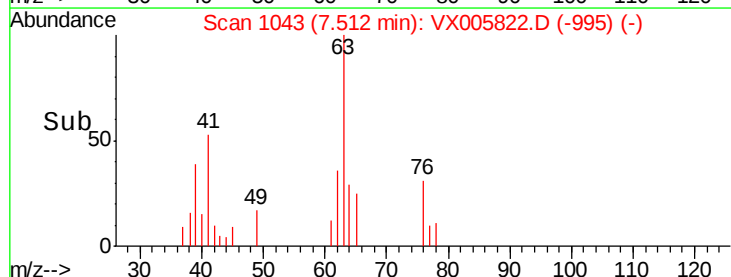
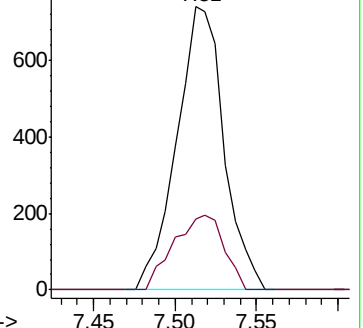
63 100

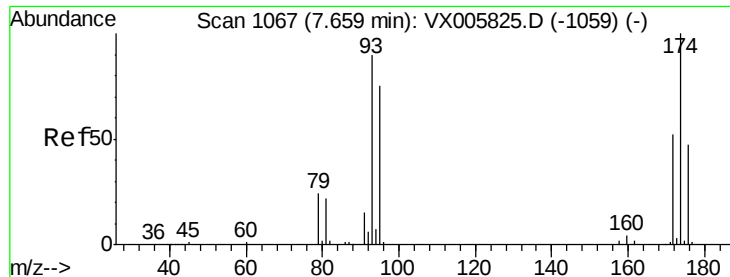
65 25.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.020 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

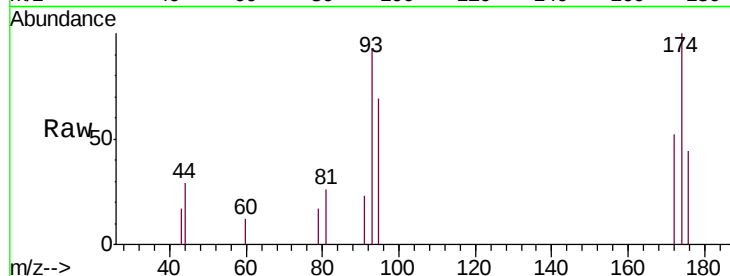
Tgt Ion: 93 Resp: 862

Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.0

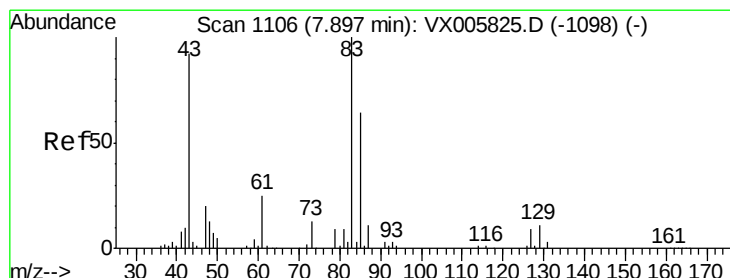
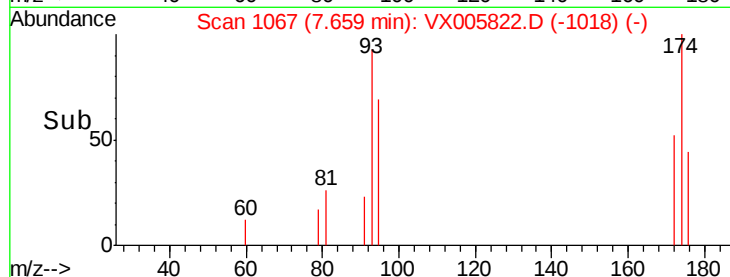
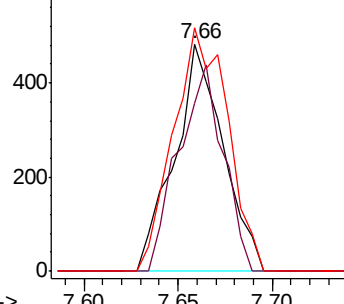
174 119.4 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.000 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

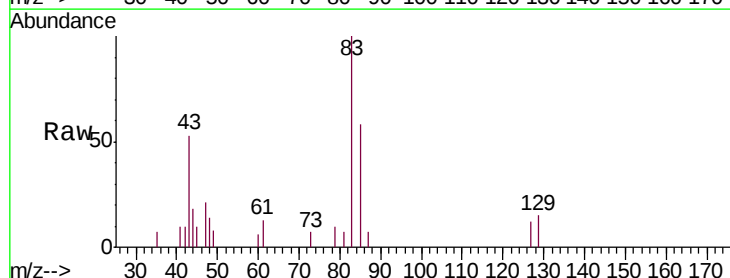
Tgt Ion: 83 Resp: 1598

Ion Ratio Lower Upper

83 100

85 57.7 50.2 75.4

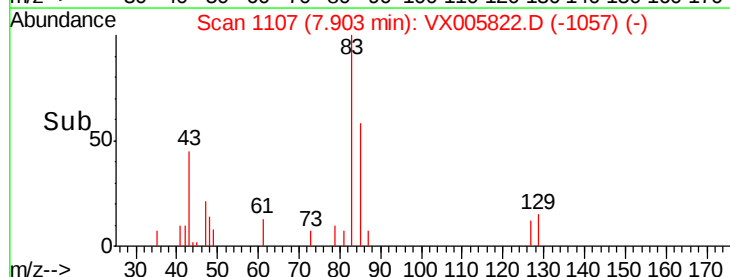
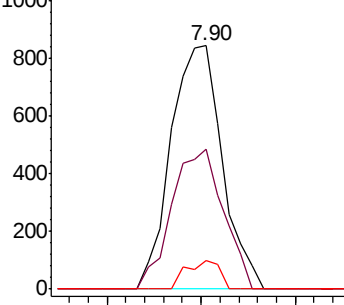
127 11.7 6.9 10.3#

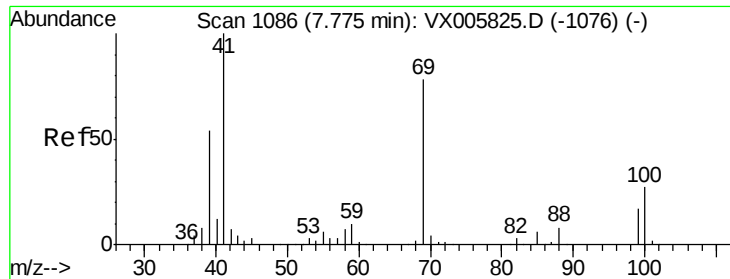


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

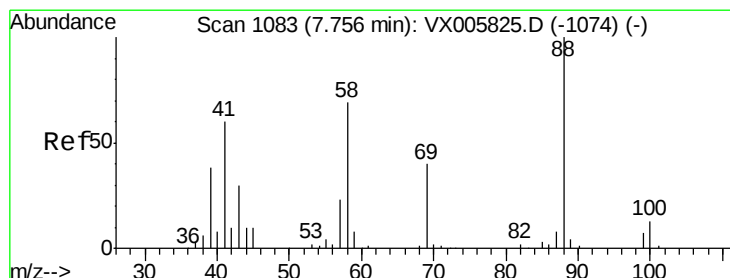
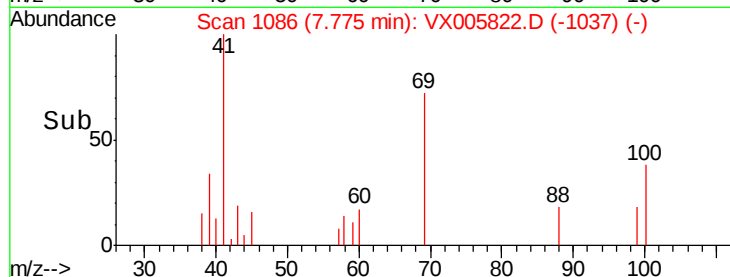
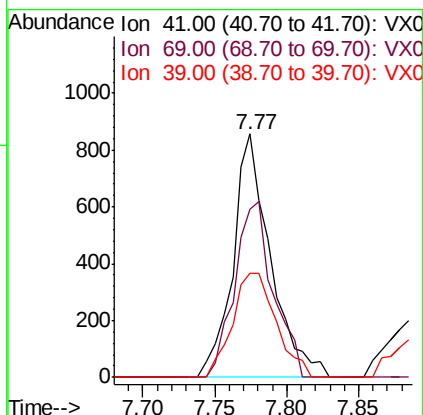
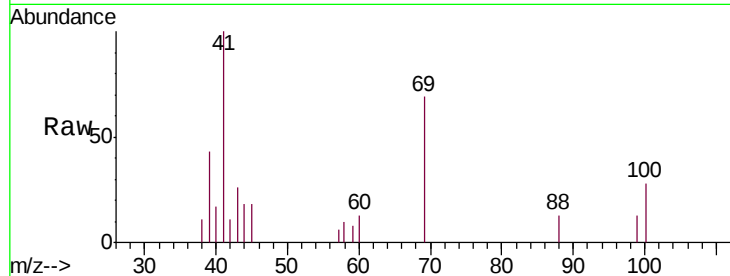




#48
Methyl methacrylate
Concen: 0.954 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

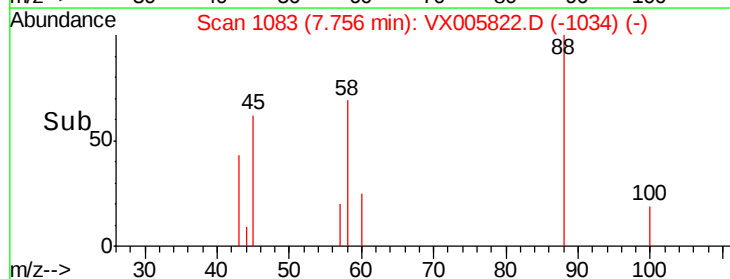
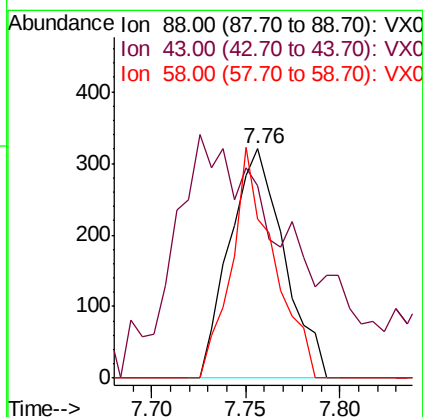
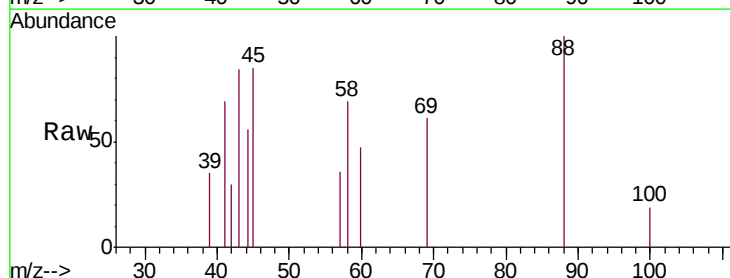
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

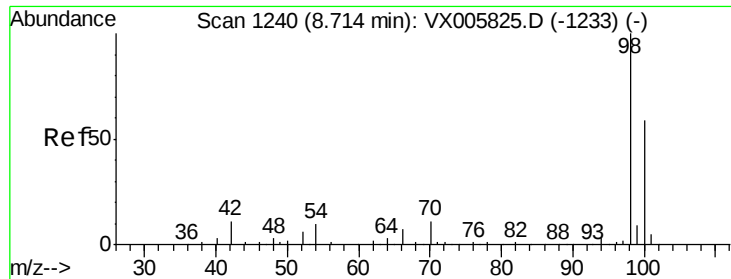
Tgt Ion: 41 Resp: 1553
Ion Ratio Lower Upper
41 100
69 73.6 63.2 94.8
39 49.8 42.2 63.2



#49
1,4-Dioxane
Concen: 18.322 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 88 Resp: 643
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 77.0 59.4 89.2





#50

Toluene-d8

Concen: 1.059 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

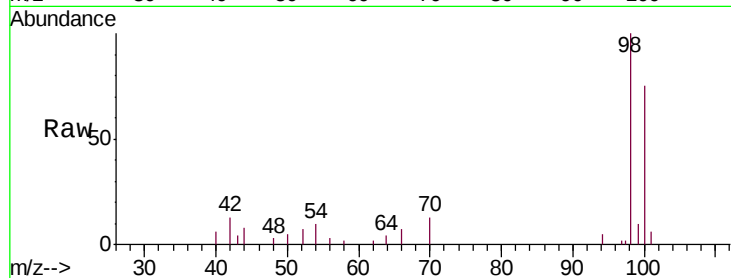
VSTDICC001

Tgt Ion: 98 Resp: 4728

Ion Ratio Lower Upper

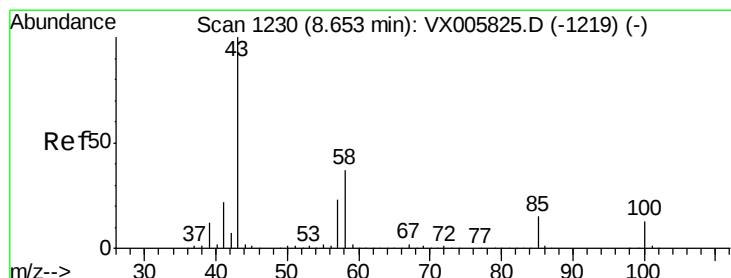
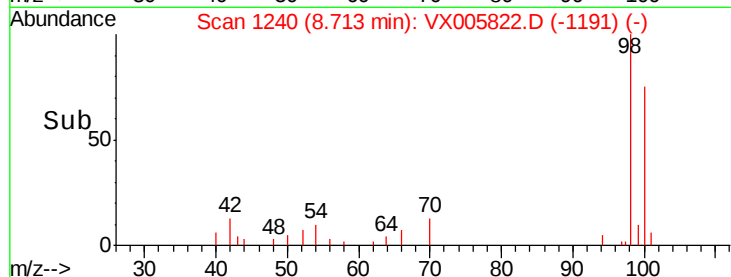
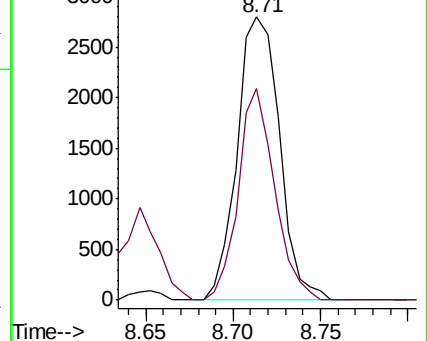
98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 4.310 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005822.D

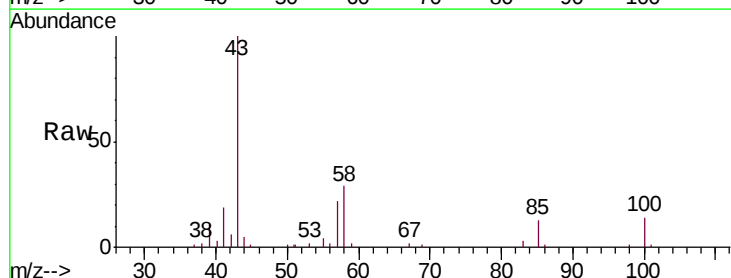
Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 9852

Ion Ratio Lower Upper

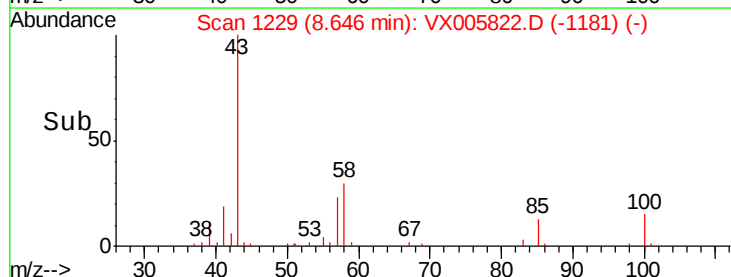
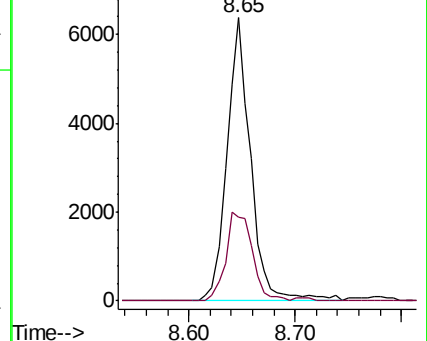
43 100

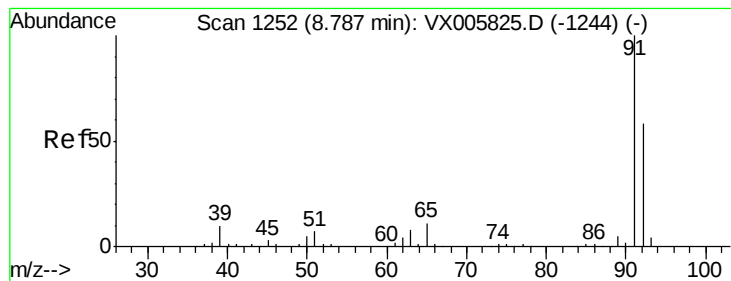
58 34.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.904 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

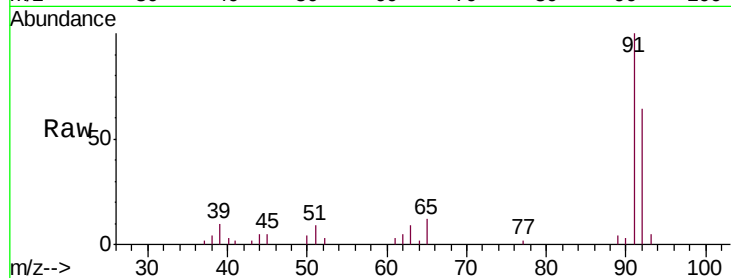
VSTDIC001

Tgt Ion: 92 Resp: 2803

Ion Ratio Lower Upper

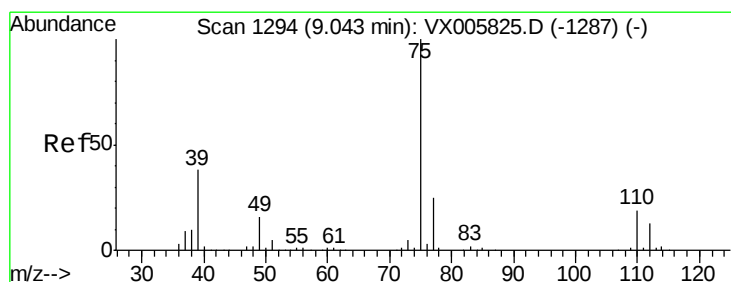
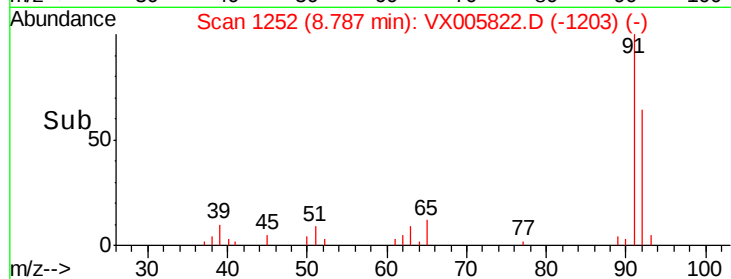
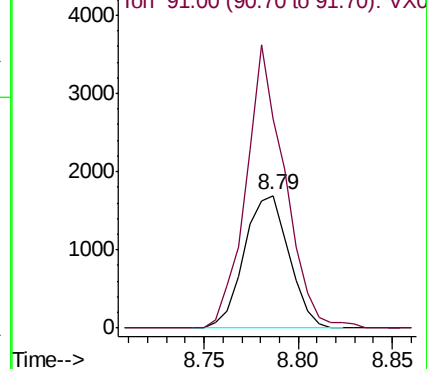
92 100

91 183.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.865 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005822.D

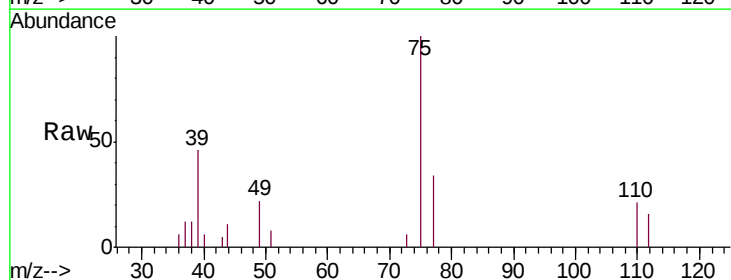
Acq: 07 Nov 2018 12:05

Tgt Ion: 75 Resp: 1630

Ion Ratio Lower Upper

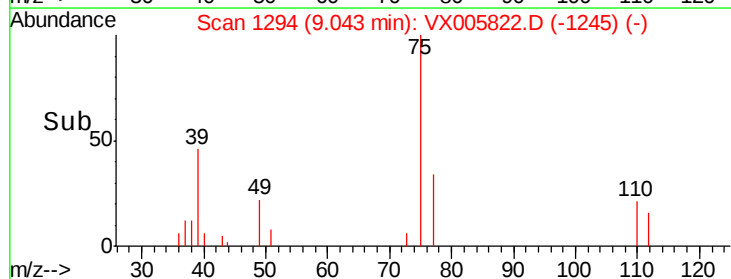
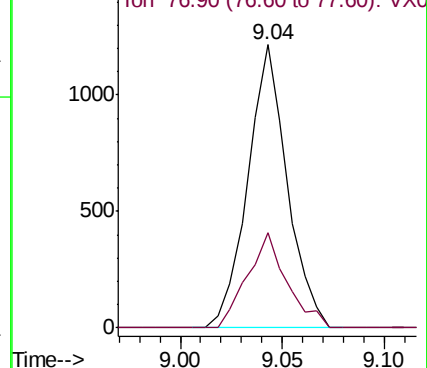
75 100

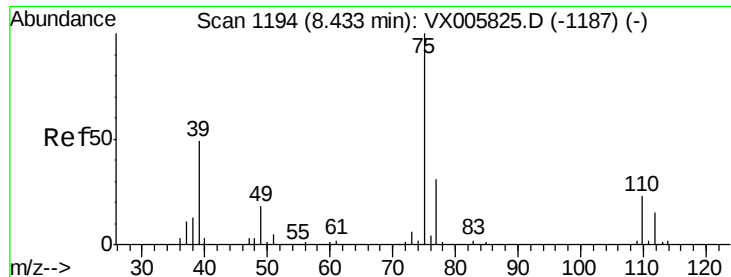
77 33.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



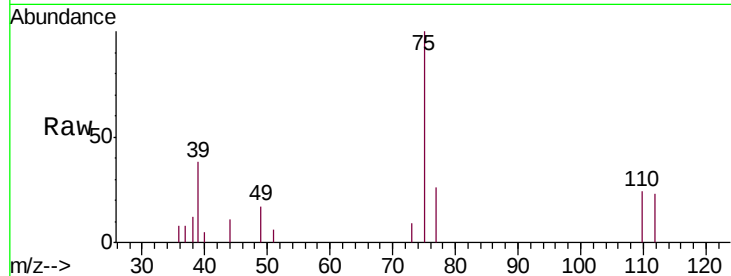


#54

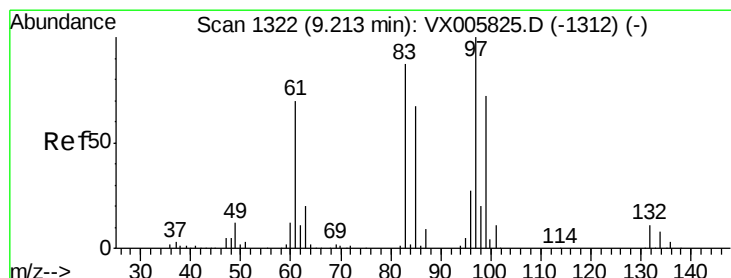
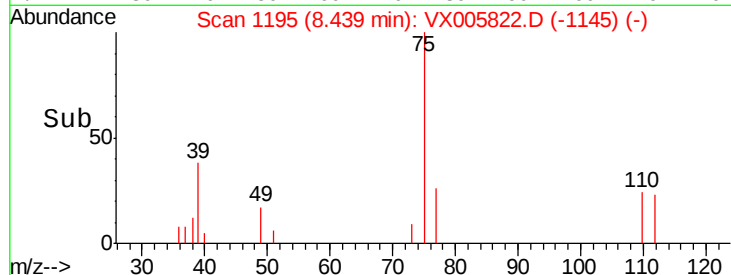
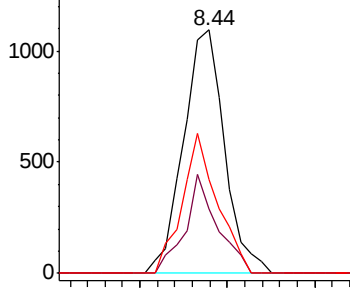
cis-1,3-Dichloropropene
 Concen: 0.929 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1784
 Ion Ratio Lower Upper
 75 100
 77 26.2 25.2 37.8
 39 38.4 38.2 57.2



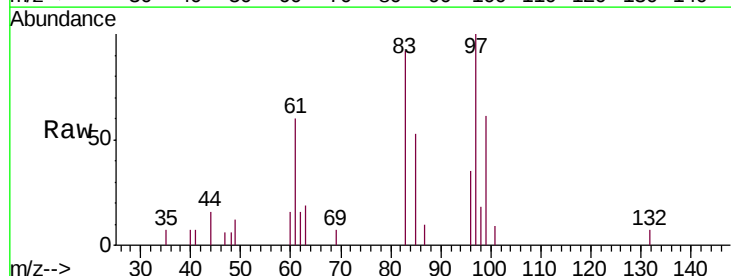
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



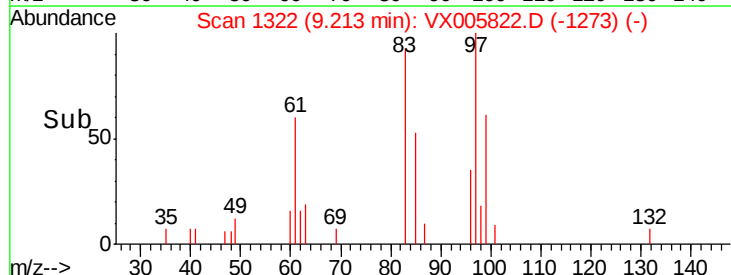
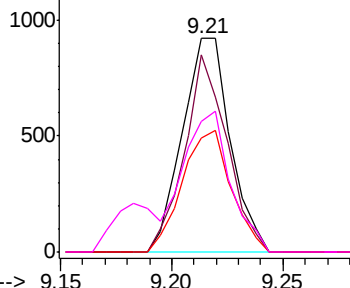
#55

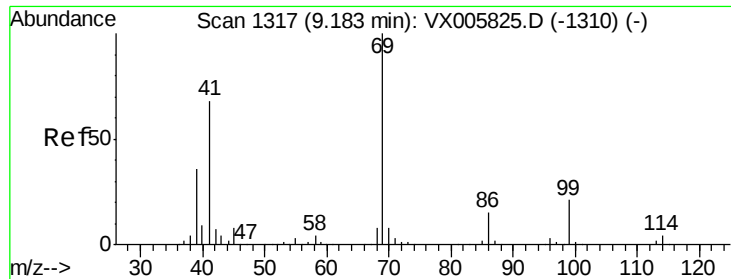
1,1,2-Trichloroethane
 Concen: 1.000 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 97 Resp: 1382
 Ion Ratio Lower Upper
 97 100
 83 92.2 70.7 106.1
 85 53.4 45.8 68.6
 99 61.3 51.8 77.8



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





#56

Ethyl methacrylate

Concen: 0.788 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

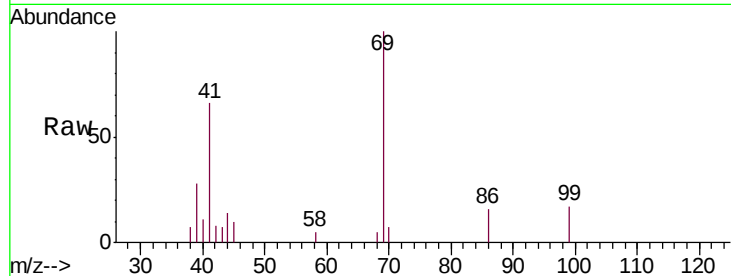
Tgt Ion: 69 Resp: 1629

Ion Ratio Lower Upper

69 100

41 68.4 57.0 85.6

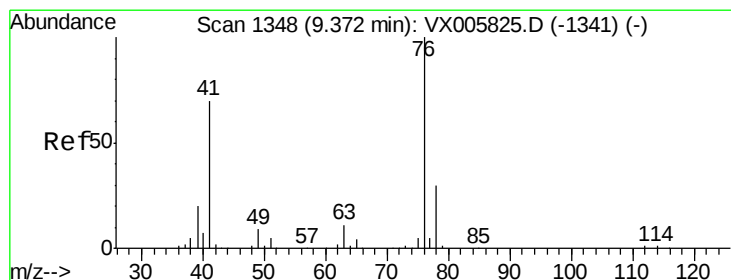
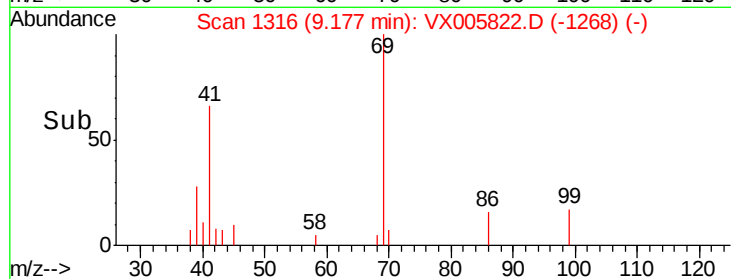
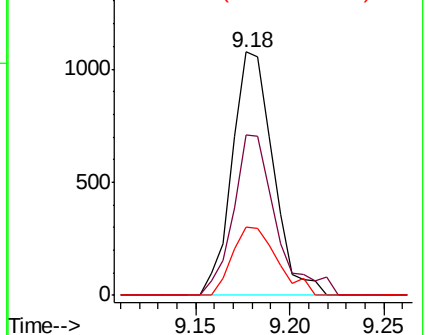
39 30.6 28.3 42.5



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: 0.892 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX005822.D

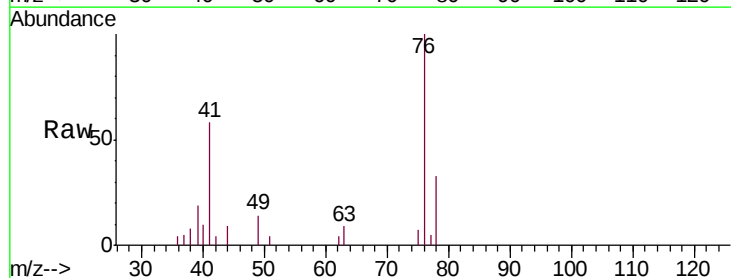
Acq: 07 Nov 2018 12:05

Tgt Ion: 76 Resp: 2072

Ion Ratio Lower Upper

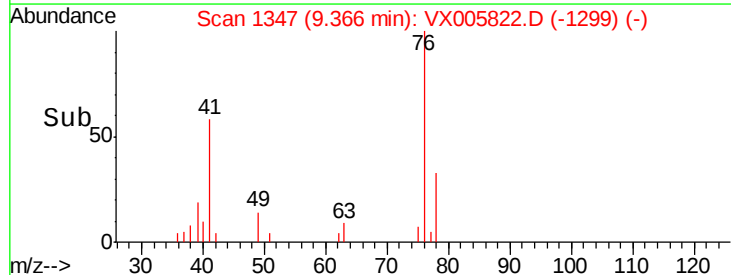
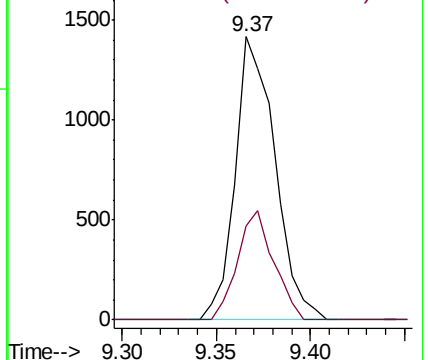
76 100

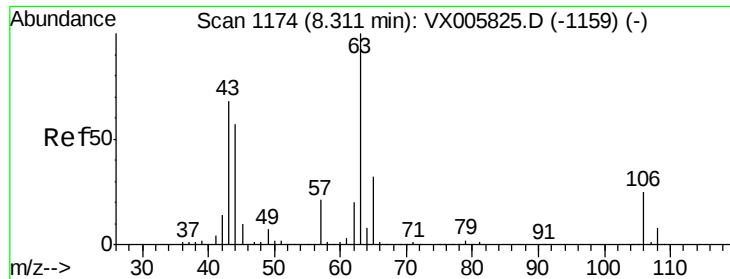
78 34.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

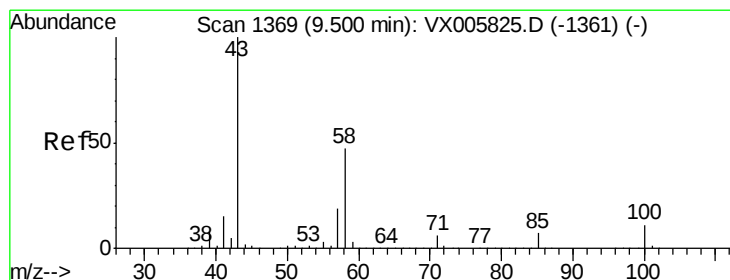
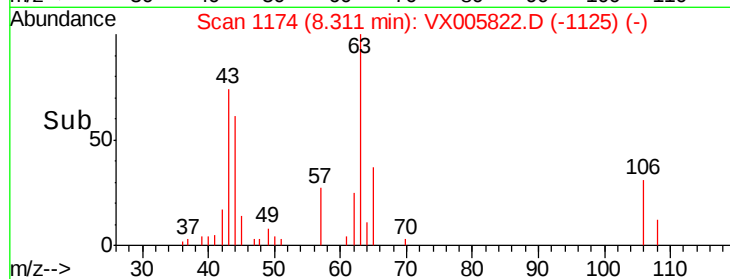
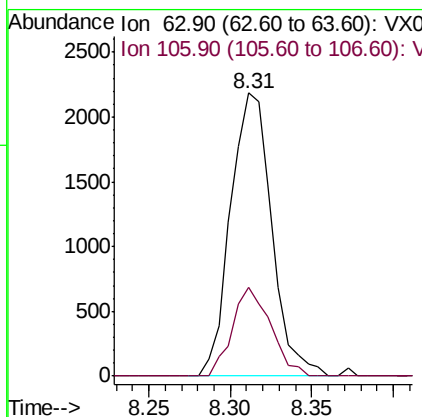
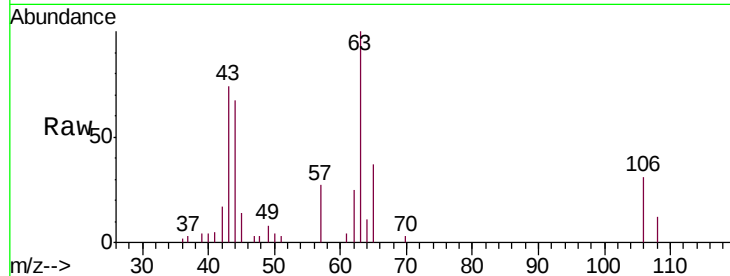




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.581 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

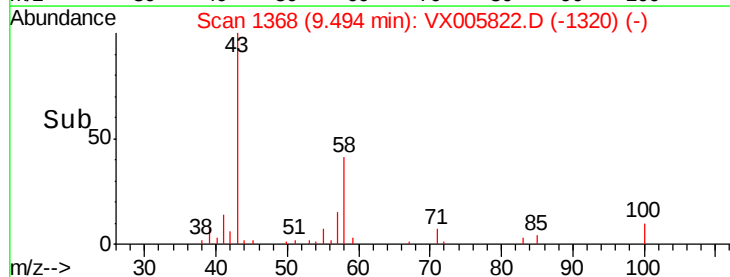
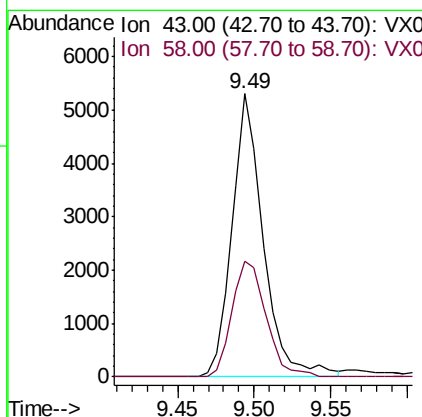
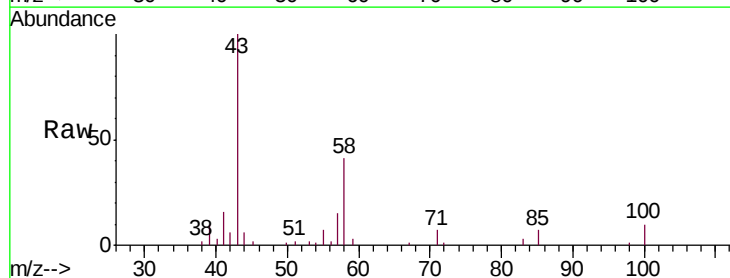
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

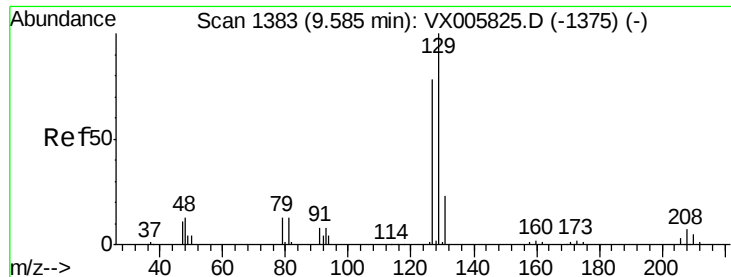
Tgt Ion: 63 Resp: 3849
 Ion Ratio Lower Upper
 63 100
 106 29.0 21.3 31.9



#59
 2-Hexanone
 Concen: 3.733 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 43 Resp: 7522
 Ion Ratio Lower Upper
 43 100
 58 44.5 25.9 77.8





#60

Dibromochloromethane

Concen: 0.790 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

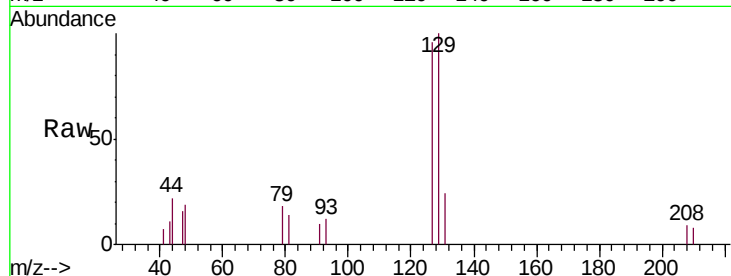
VSTDIC001

Tgt Ion:129 Resp: 1180

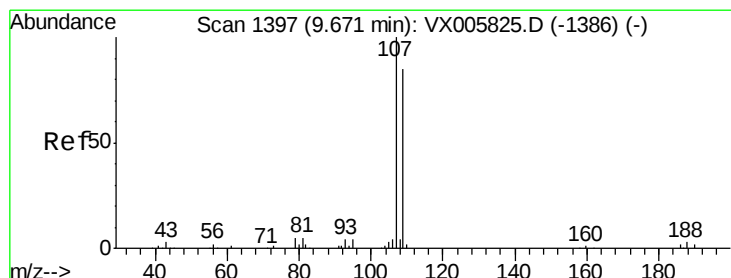
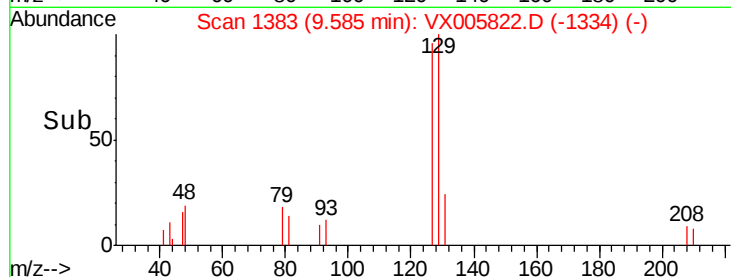
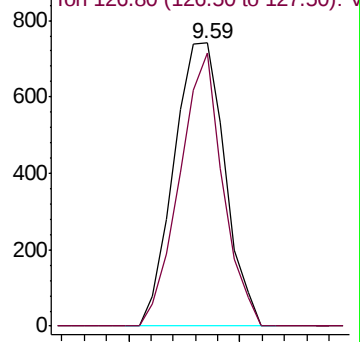
Ion Ratio Lower Upper

129 100

127 82.0 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 0.902 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005822.D

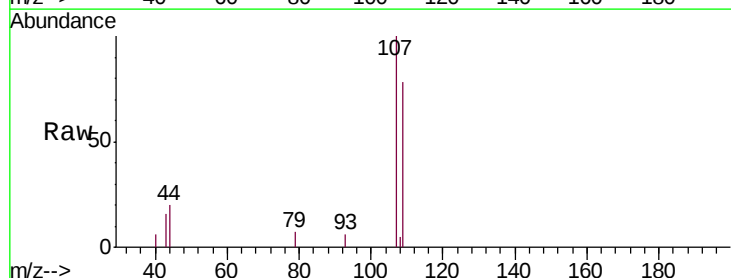
Acq: 07 Nov 2018 12:05

Tgt Ion:107 Resp: 1379

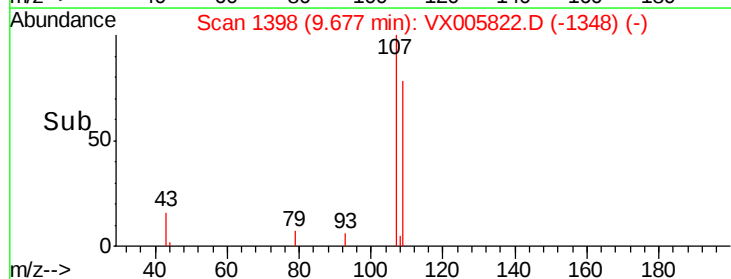
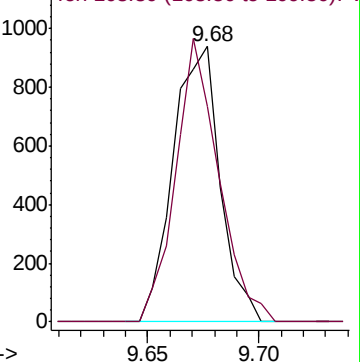
Ion Ratio Lower Upper

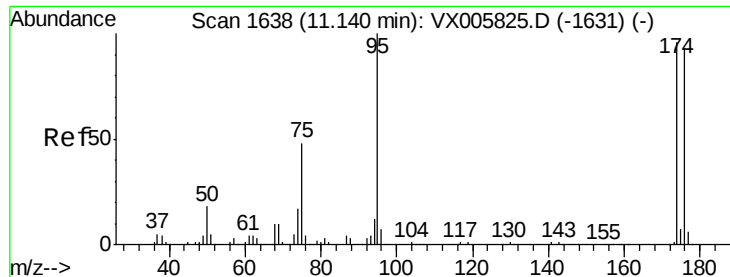
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

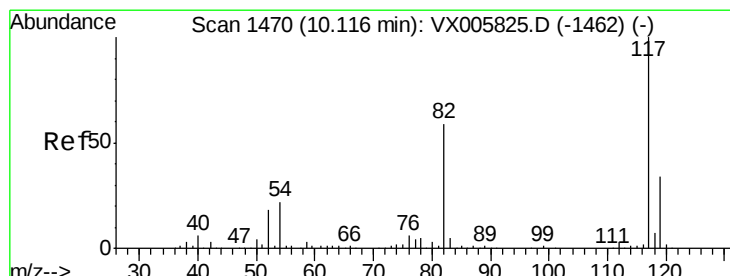
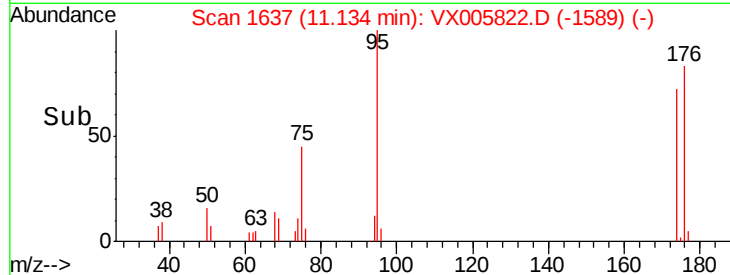
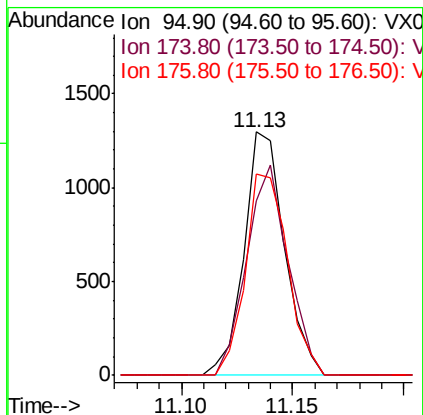
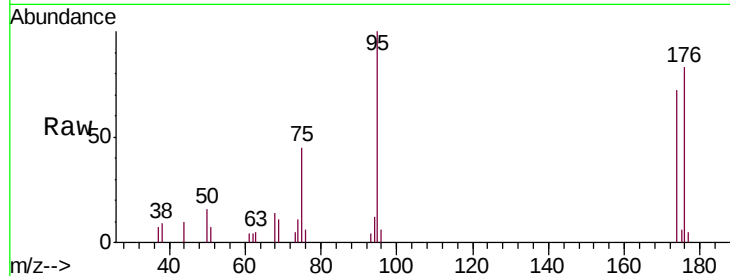




#62
4-Bromofluorobenzene
Concen: 1.026 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

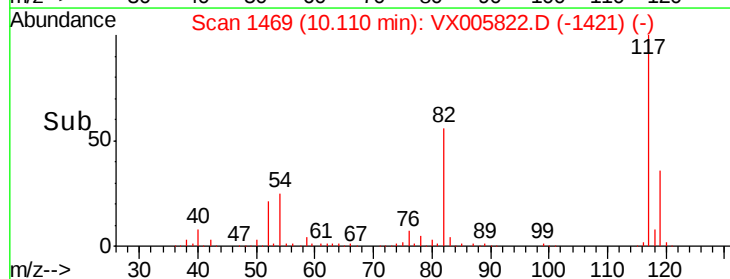
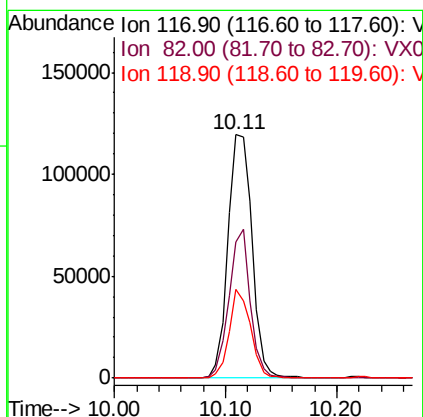
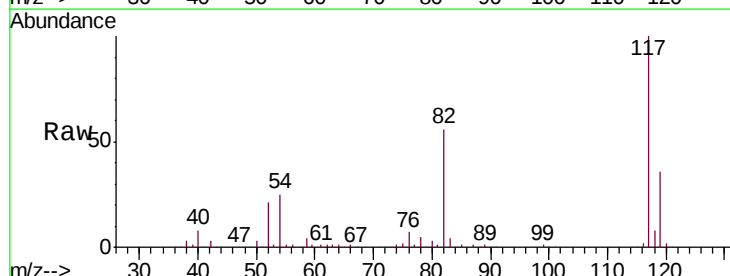
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

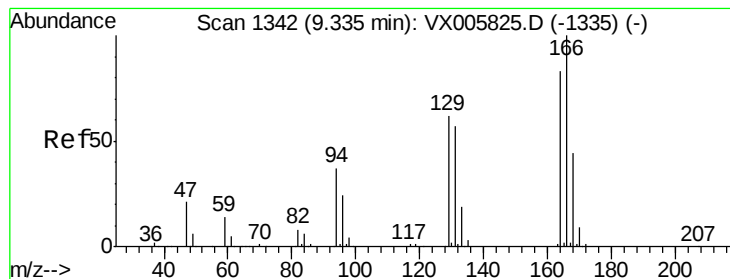
Tgt Ion: 95 Resp: 1647
Ion Ratio Lower Upper
95 100
174 88.0 0.0 184.4
176 86.2 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 117 Resp: 179504
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 36.4 26.2 39.2





#64

Tetrachloroethene

Concen: 1.078 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 1648

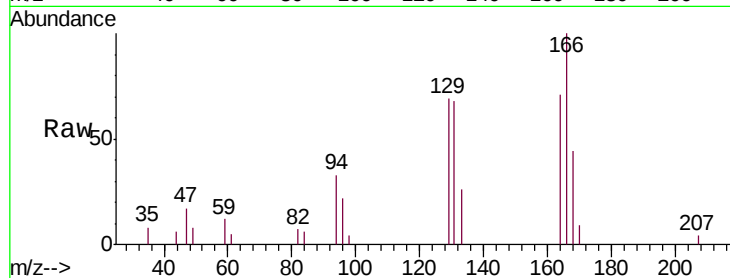
Ion Ratio Lower Upper

164 100

166 140.4 101.9 152.9

129 97.5 72.6 109.0

131 96.1 71.1 106.7

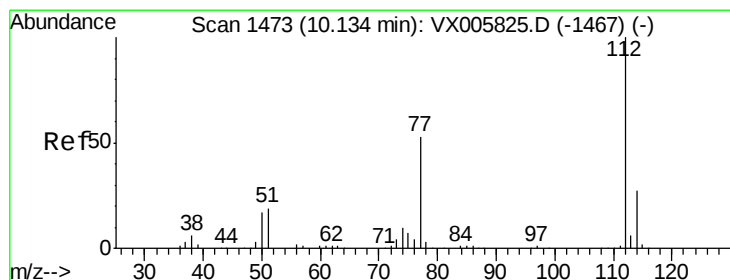
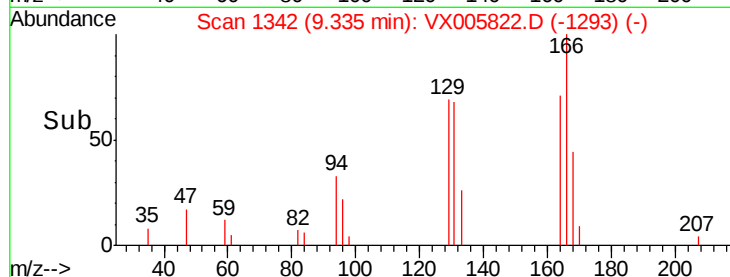
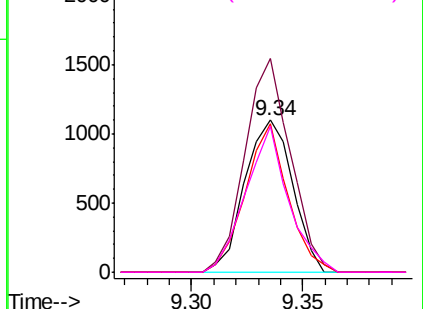


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.009 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005822.D

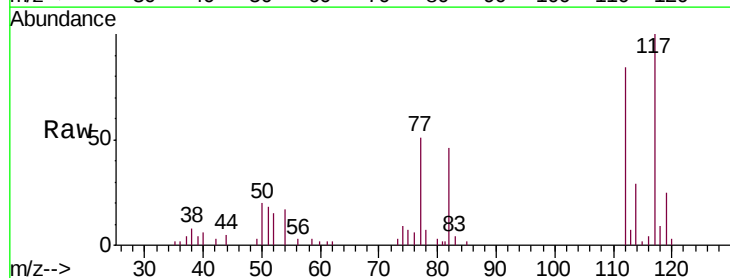
Acq: 07 Nov 2018 12:05

Tgt Ion:112 Resp: 3628

Ion Ratio Lower Upper

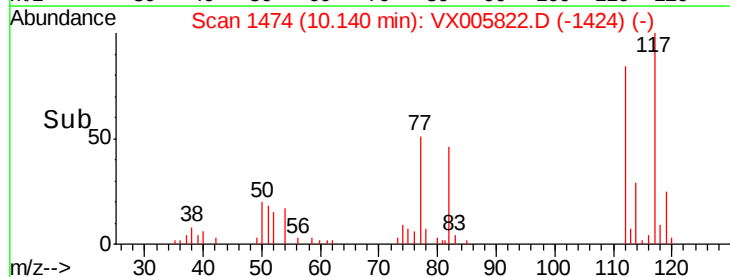
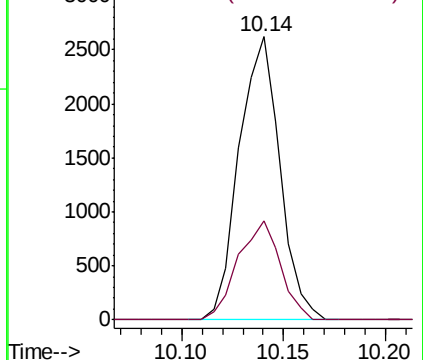
112 100

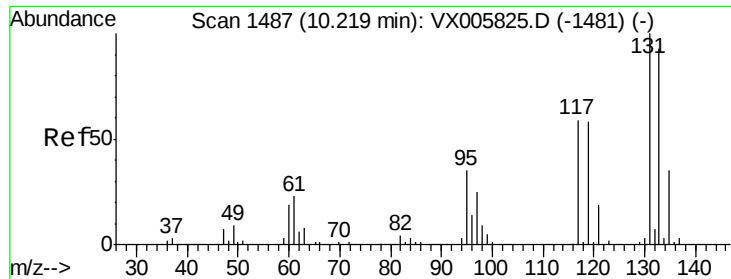
114 35.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

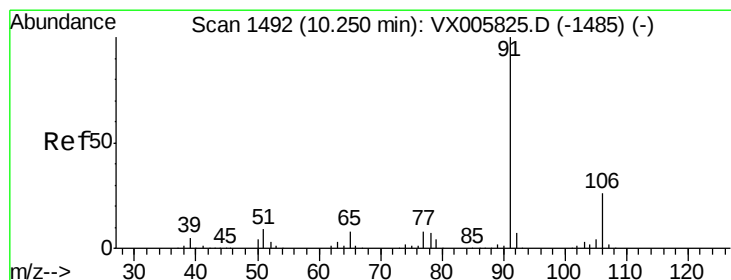
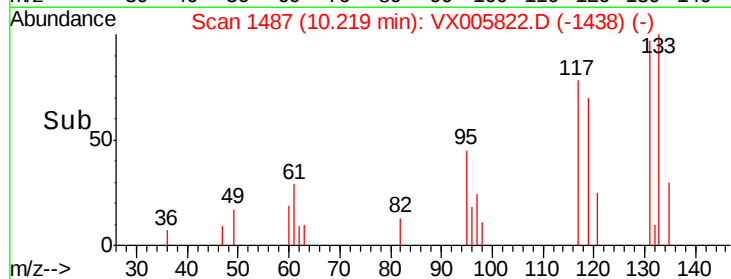
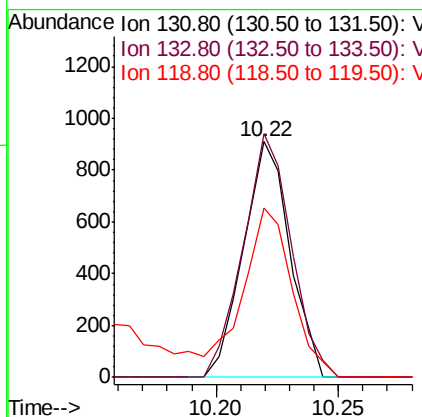
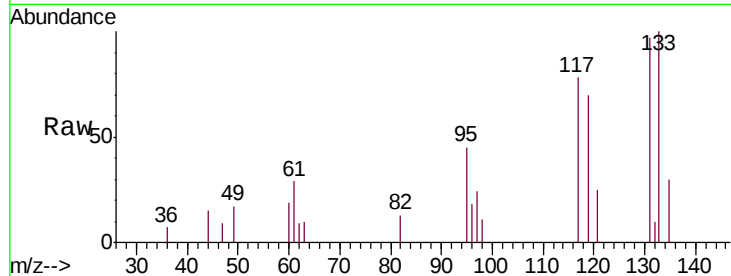




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.958 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

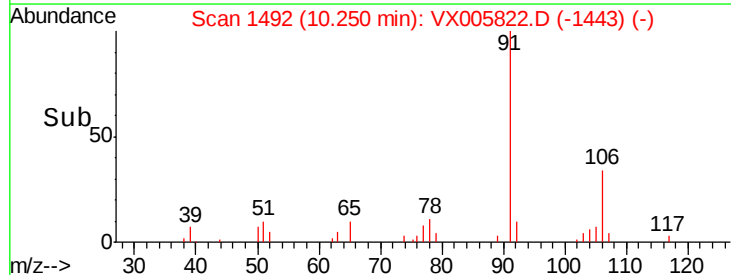
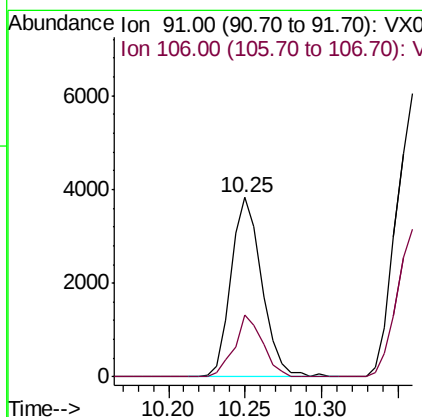
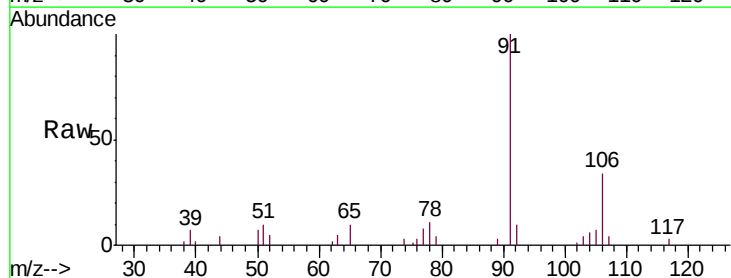
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

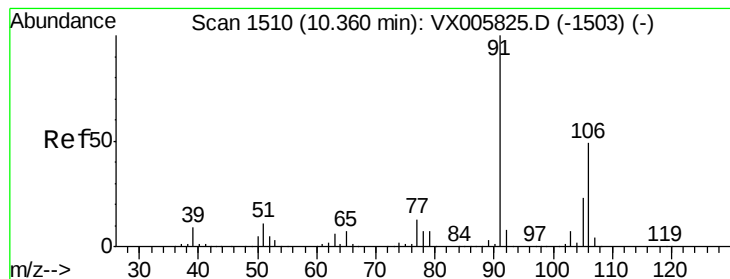
Tgt Ion: 131 Resp: 1198
 Ion Ratio Lower Upper
 131 100
 133 107.3 47.5 142.5
 119 0.0 31.8 95.3#



#67
 Ethyl Benzene
 Concen: 0.925 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 91 Resp: 5334
 Ion Ratio Lower Upper
 91 100
 106 34.3 24.4 36.6





#68

m/p-Xylenes

Concen: 1.815 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

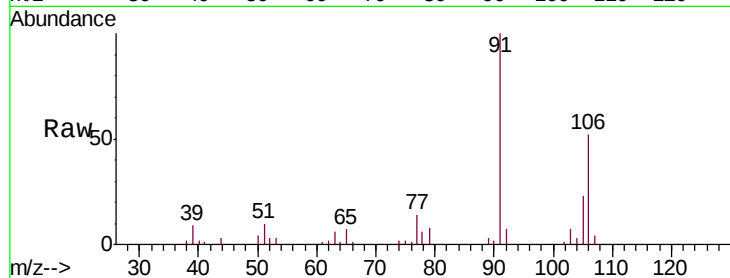
VSTDIC001

Tgt Ion:106 Resp: 3993

Ion Ratio Lower Upper

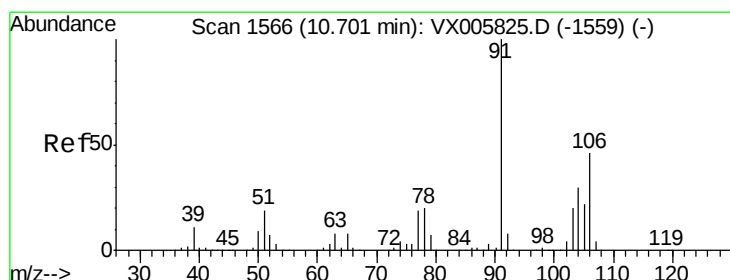
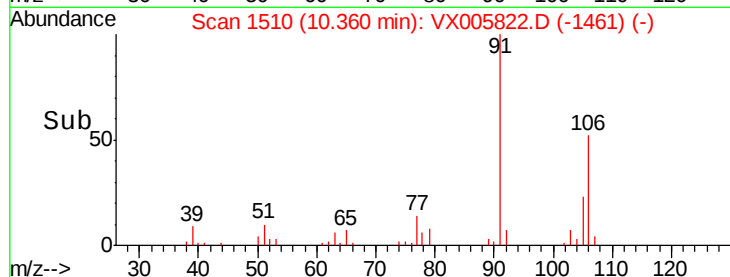
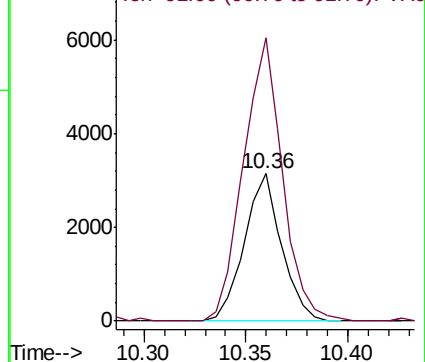
106 100

91 201.1 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.882 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX005822.D

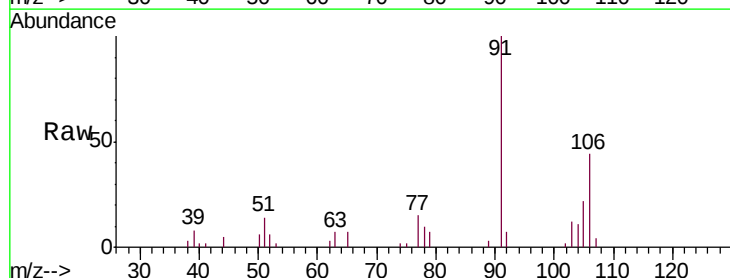
Acq: 07 Nov 2018 12:05

Tgt Ion:106 Resp: 1740

Ion Ratio Lower Upper

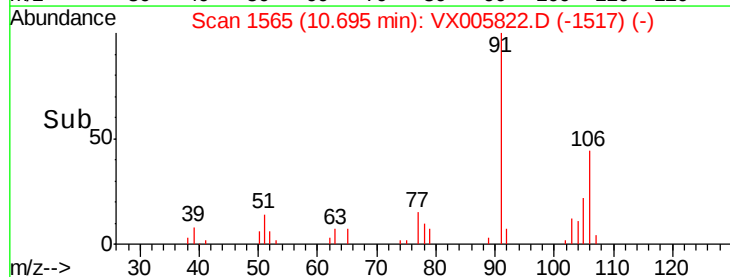
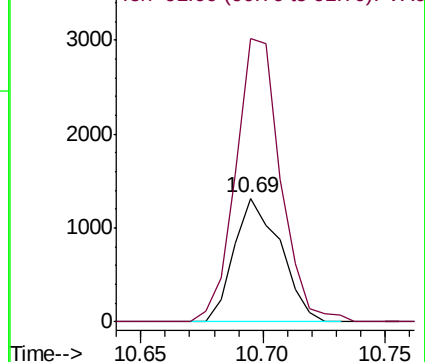
106 100

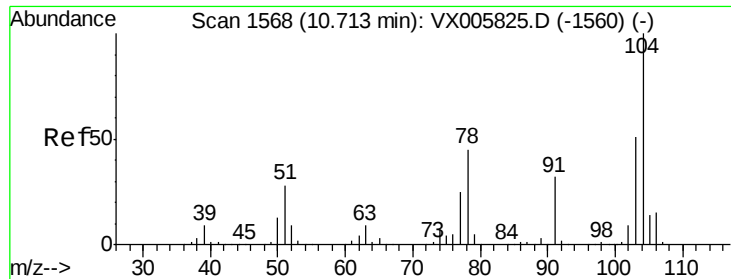
91 222.4 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

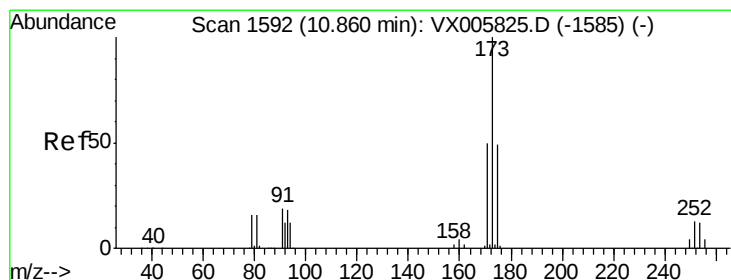
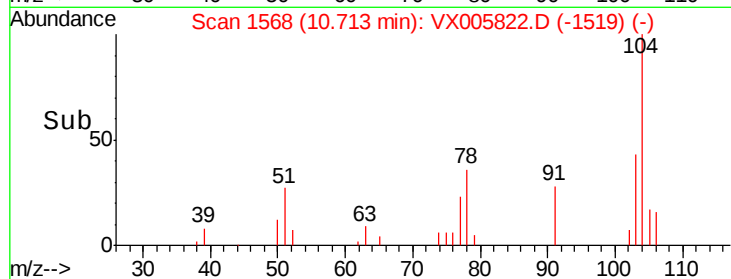
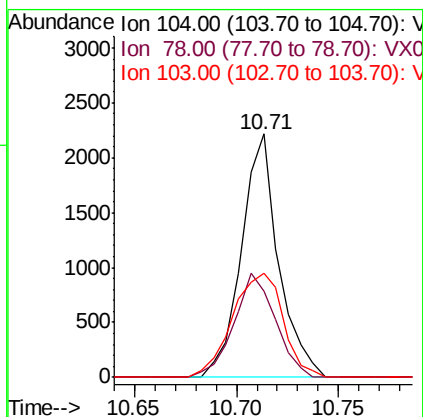
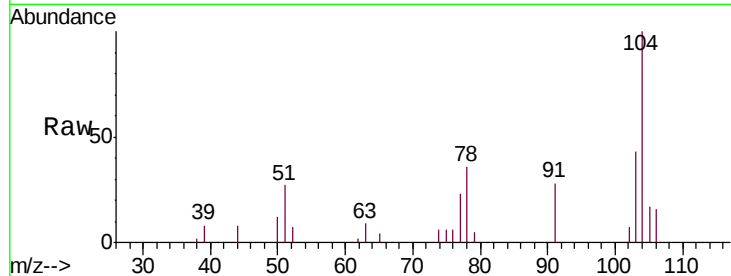




#70
Styrene
Concen: 0.862 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

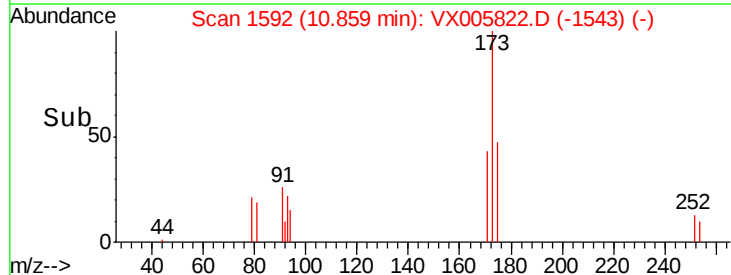
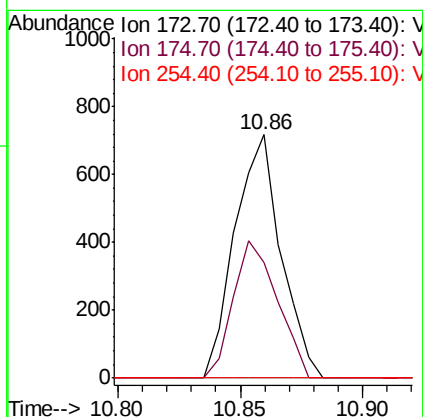
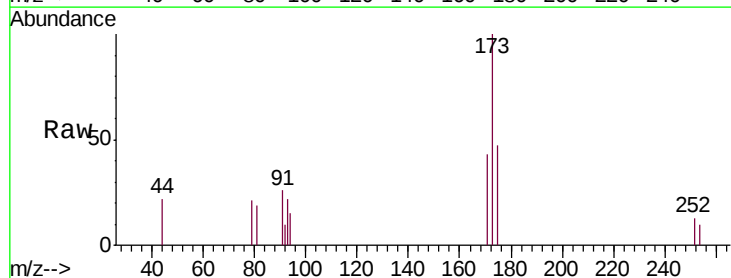
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

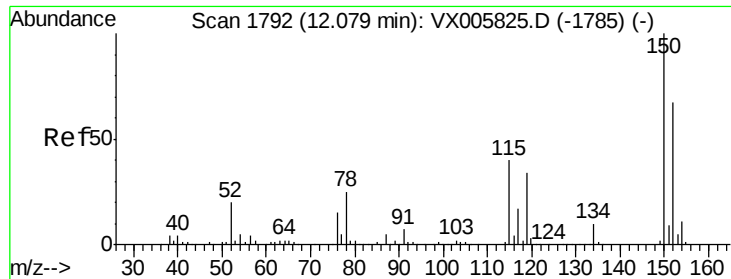
Tgt Ion:104 Resp: 2806
Ion Ratio Lower Upper
104 100
78 47.3 40.2 60.4
103 58.2 44.9 67.3



#71
Bromoform
Concen: 0.897 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion:173 Resp: 940
Ion Ratio Lower Upper
173 100
175 53.8 24.8 74.3
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

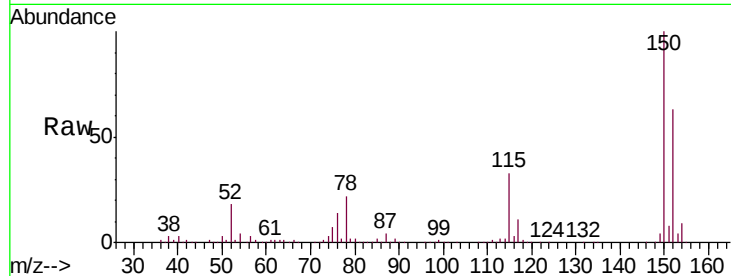
Tgt Ion:152 Resp: 97524

Ion Ratio Lower Upper

152 100

115 56.3 39.4 118.1

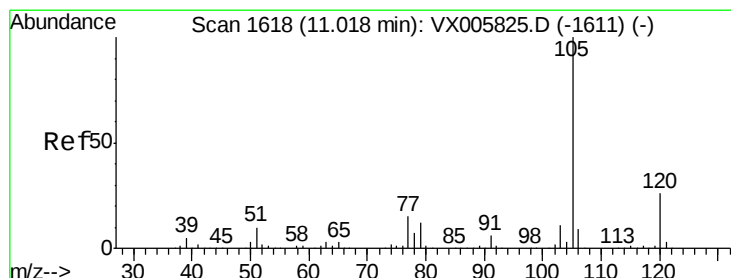
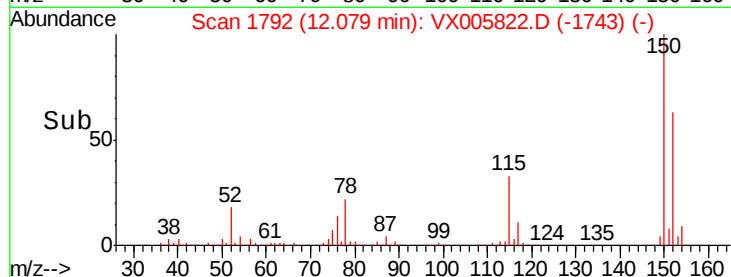
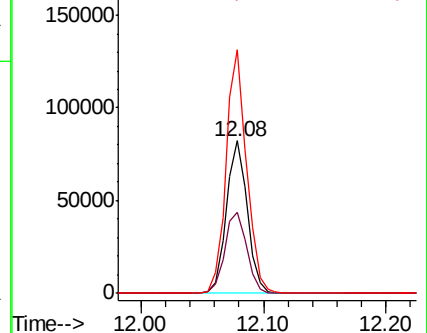
150 156.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.785 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005822.D

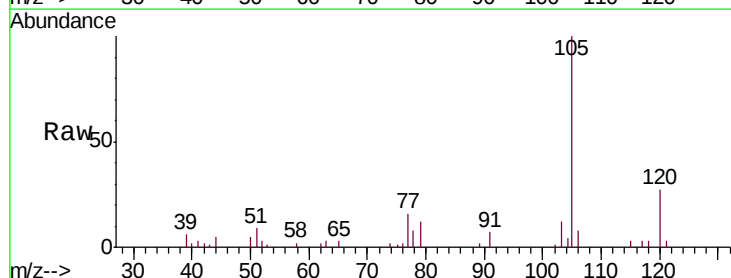
Acq: 07 Nov 2018 12:05

Tgt Ion:105 Resp: 4427

Ion Ratio Lower Upper

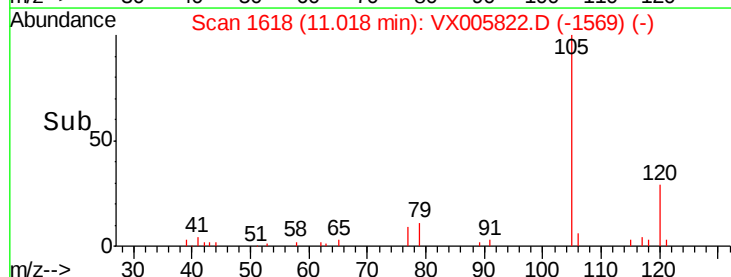
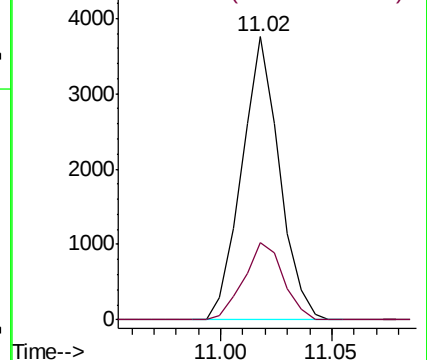
105 100

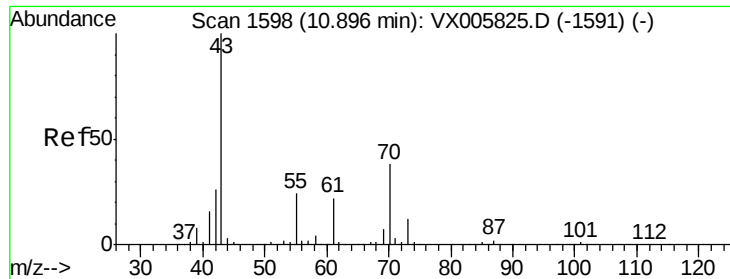
120 28.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 1.880 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 2041

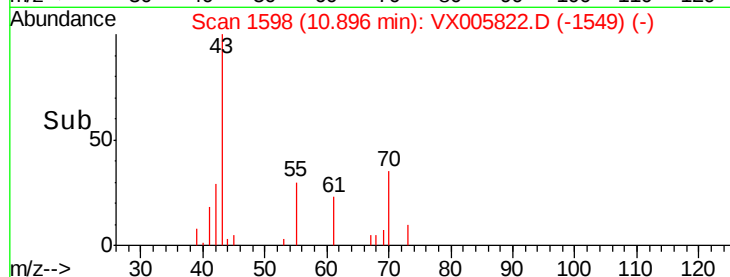
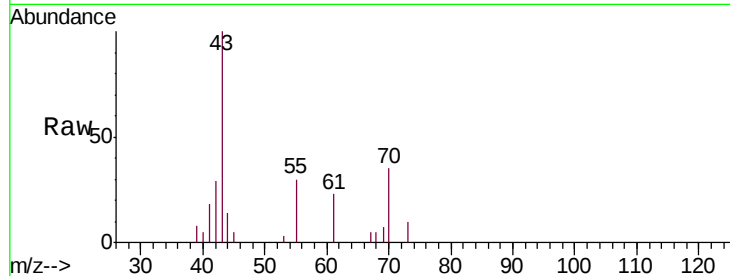
Ion Ratio Lower Upper

43 100

70 37.8 31.6 47.4

55 28.7 19.7 29.5

61 20.0 18.3 27.5

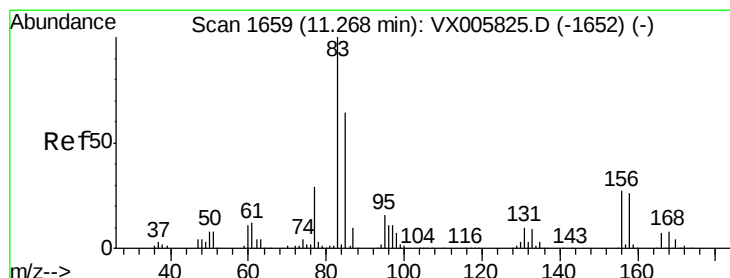
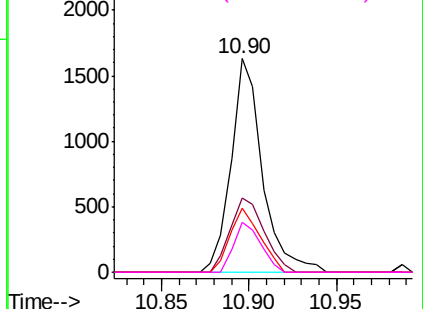


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.970 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

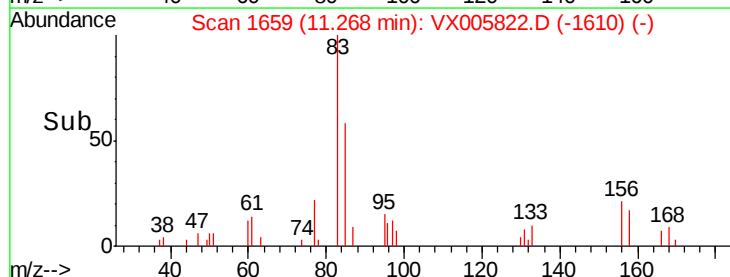
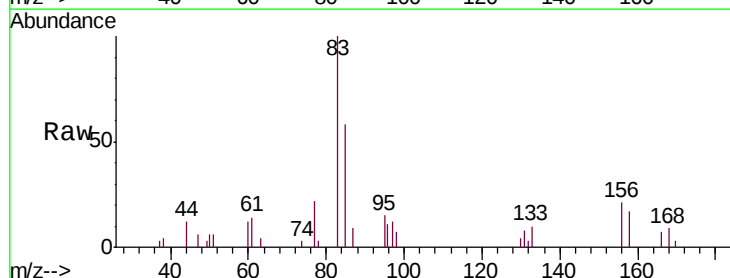
Tgt Ion: 83 Resp: 2007

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.9

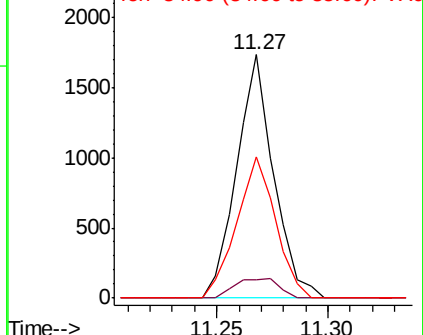
85 61.2 32.0 96.2

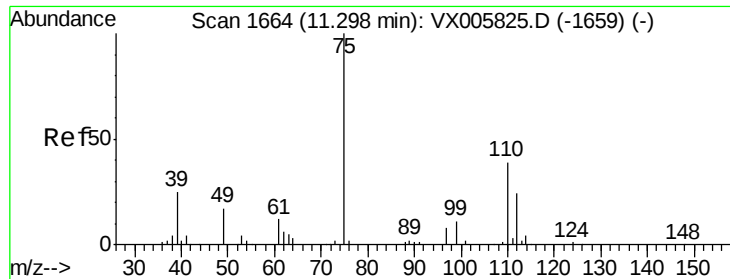


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

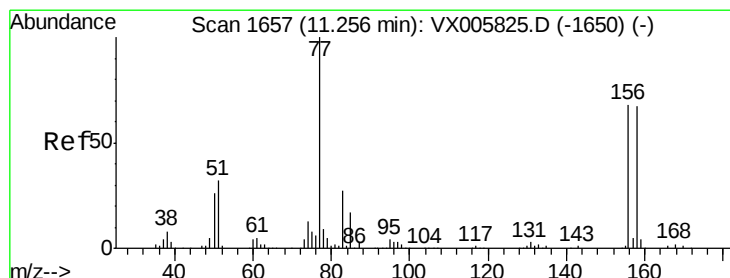
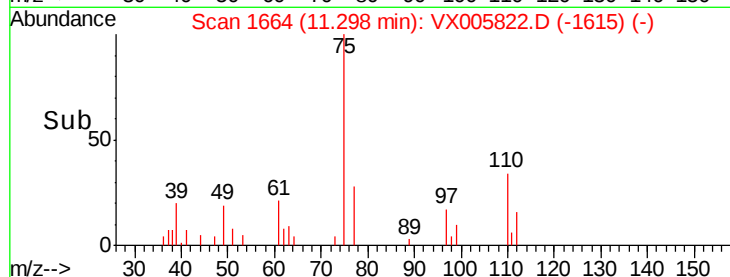
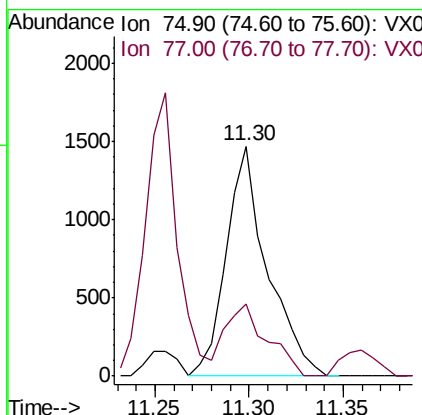
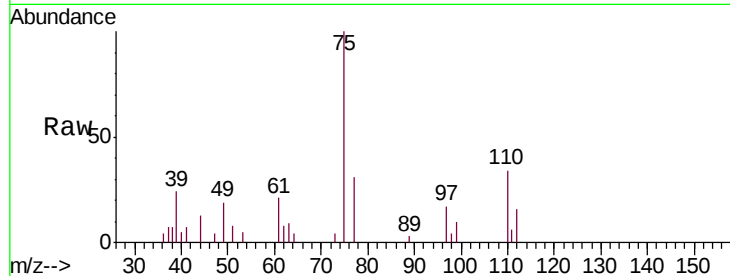




#76
 1,2,3-Trichloropropane
 Concen: 1.119 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

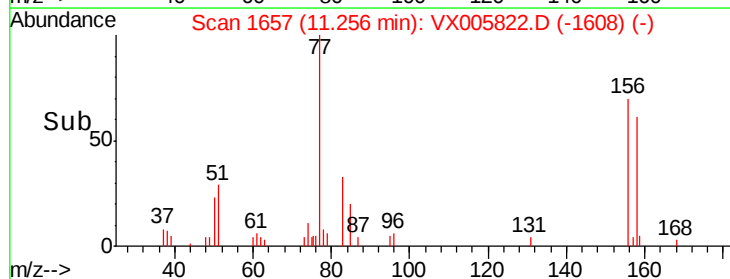
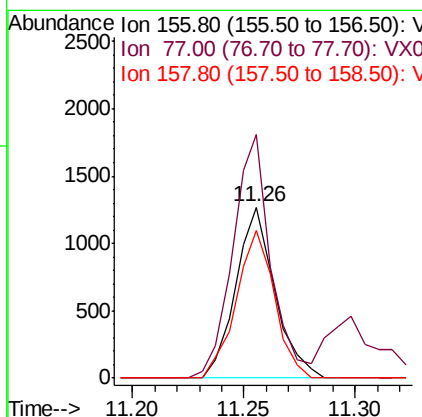
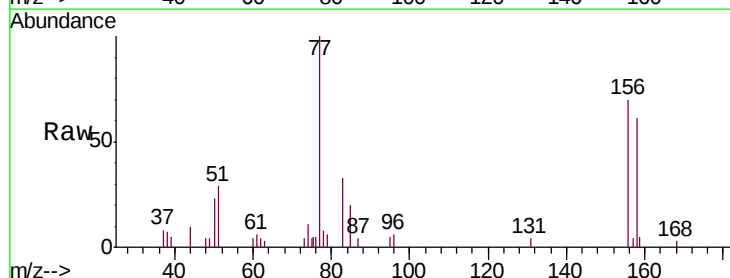
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

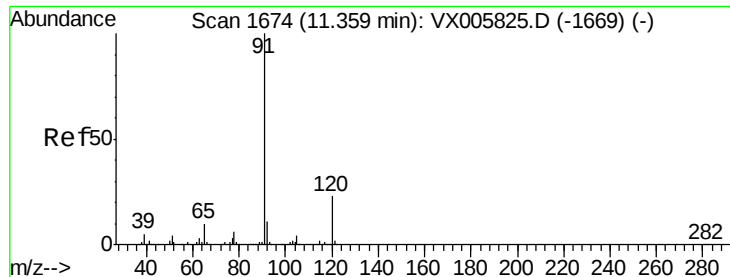
Tgt Ion: 75 Resp: 2222
 Ion Ratio Lower Upper
 75 100
 77 31.7 20.5 61.6



#77
 Bromobenzene
 Concen: 0.978 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 156 Resp: 1554
 Ion Ratio Lower Upper
 156 100
 77 138.0 74.8 224.4
 158 84.4 49.1 147.3





#78

n-propylbenzene

Concen: 0.772 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

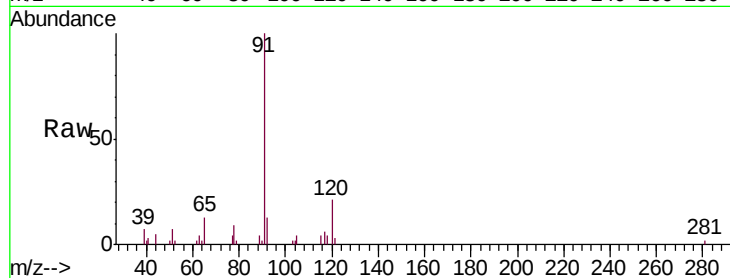
VSTDIC001

Tgt Ion: 91 Resp: 5134

Ion Ratio Lower Upper

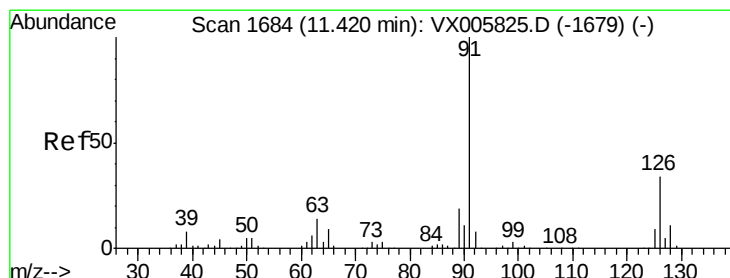
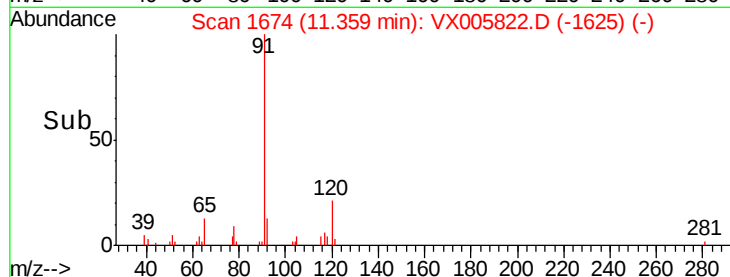
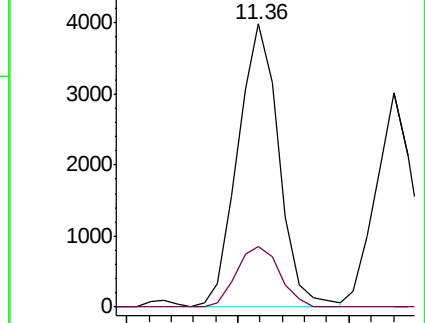
91 100

120 22.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.897 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005822.D

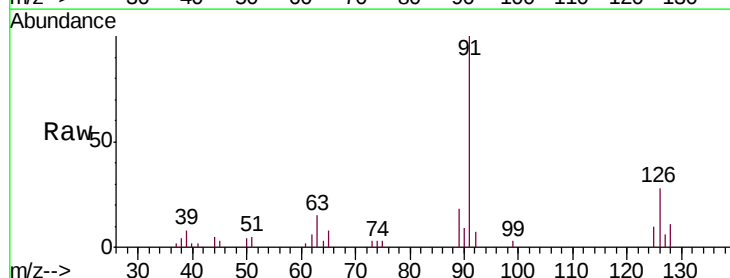
Acq: 07 Nov 2018 12:05

Tgt Ion: 91 Resp: 3603

Ion Ratio Lower Upper

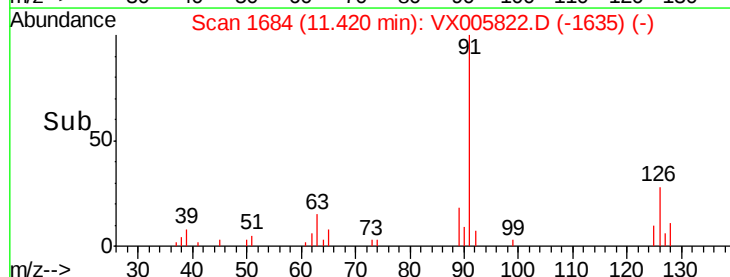
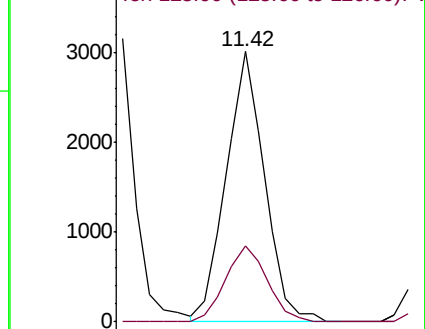
91 100

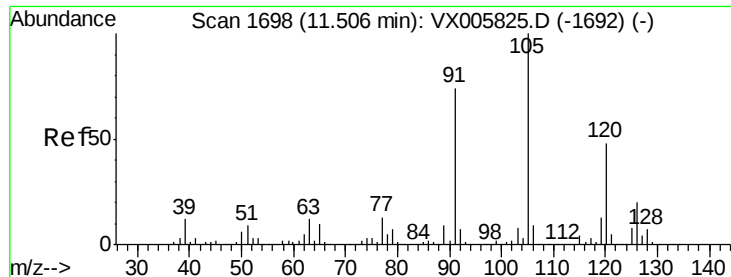
126 30.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

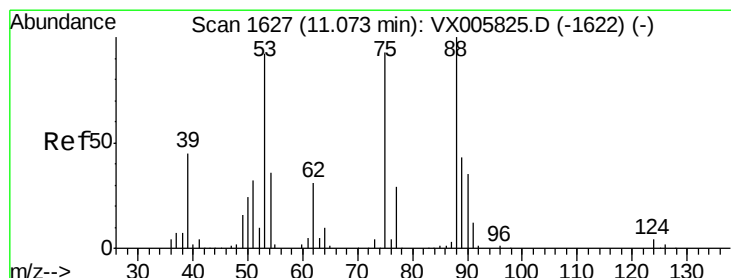
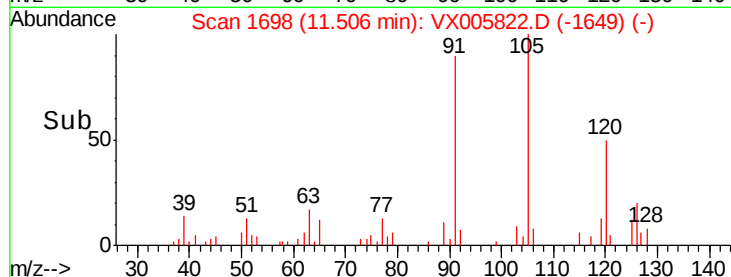
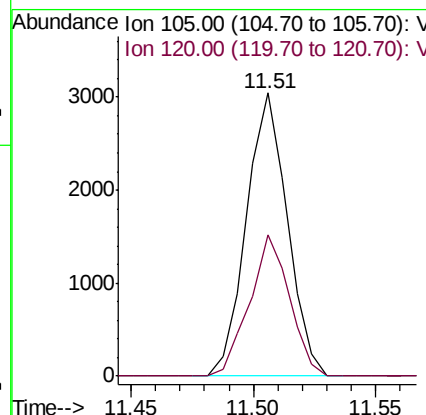
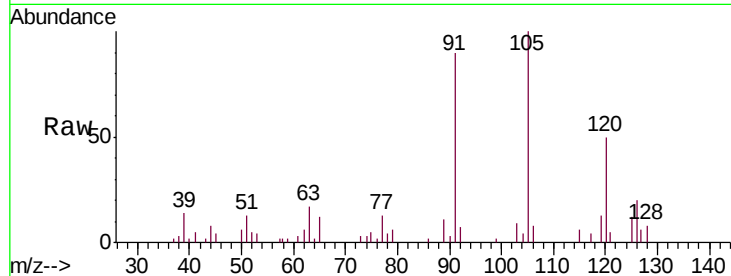




#80
 1,3,5-Trimethylbenzene
 Concen: 0.739 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

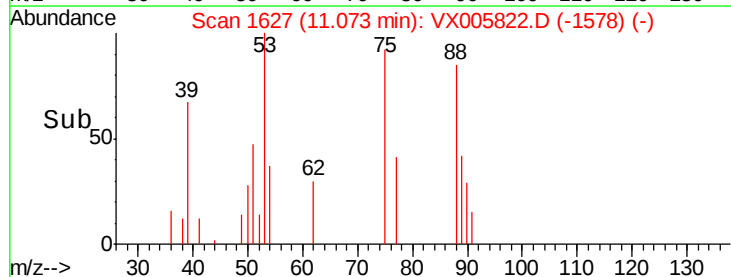
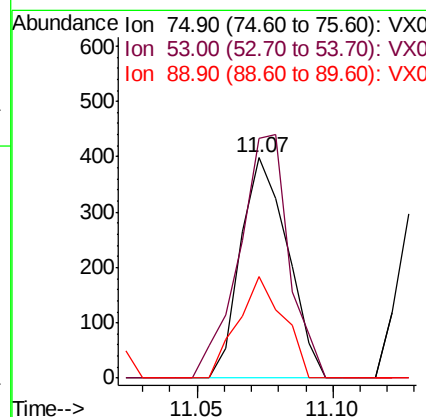
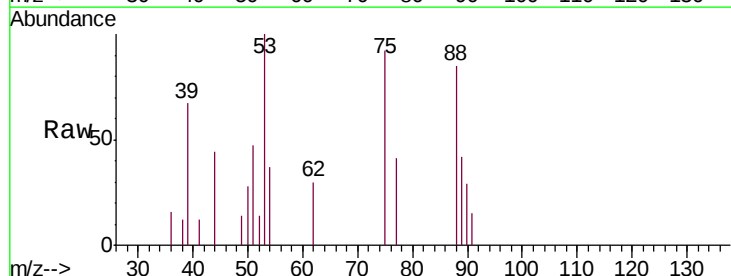
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

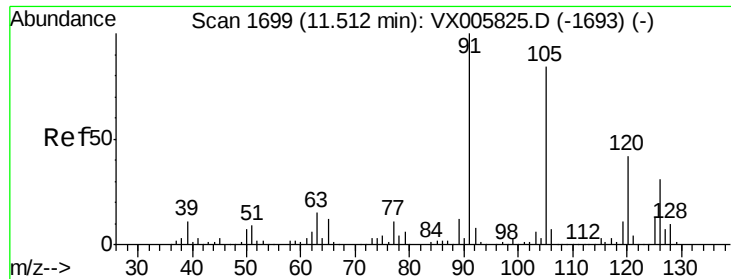
Tgt Ion:105 Resp: 3542
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.766 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 75 Resp: 477
 Ion Ratio Lower Upper
 75 100
 53 117.6 80.2 120.2
 89 45.1 39.8 59.8

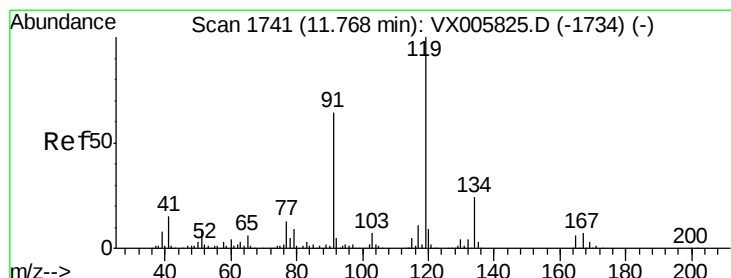
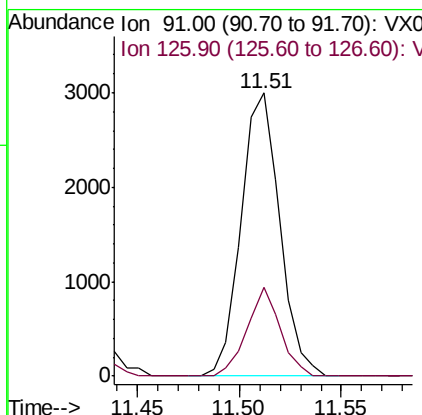
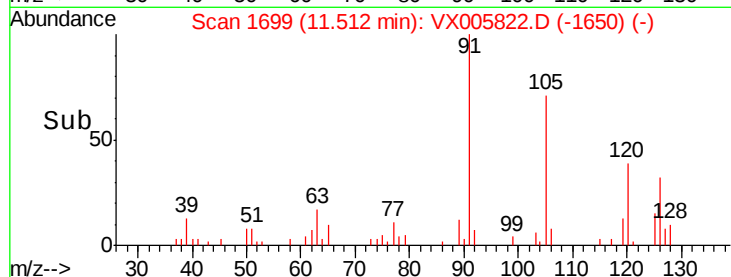
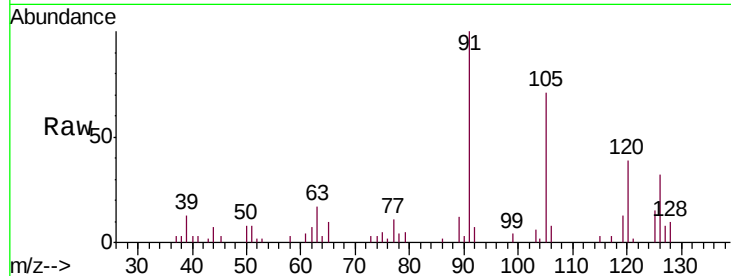




#82
4-Chlorotoluene
Concen: 0.833 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

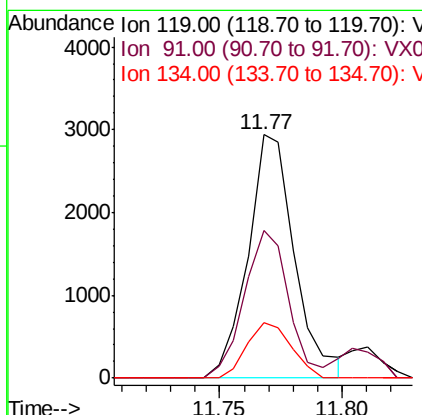
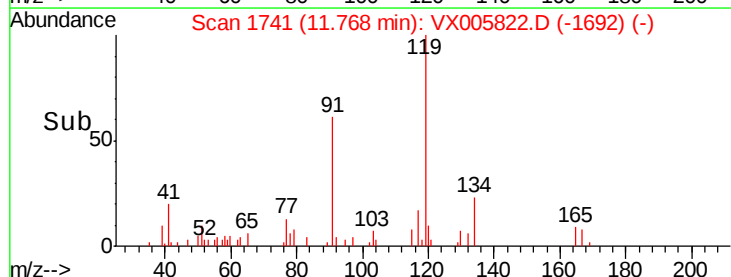
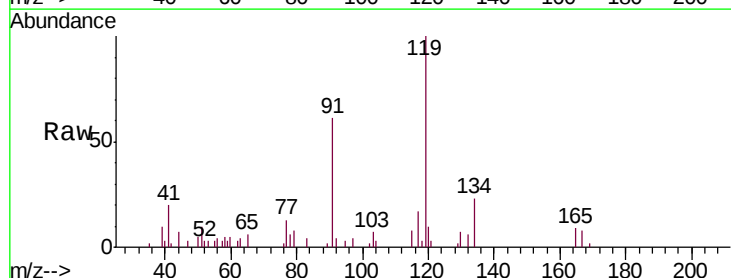
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

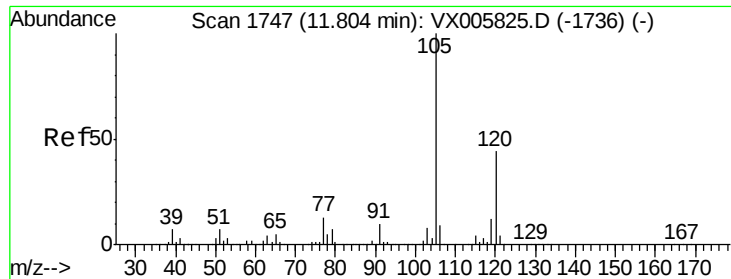
Tgt Ion: 91 Resp: 3943
Ion Ratio Lower Upper
91 100
126 27.0 15.2 45.6



#83
tert-Butylbenzene
Concen: 0.810 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005822.D
Acq: 07 Nov 2018 12:05

Tgt Ion: 119 Resp: 3929
Ion Ratio Lower Upper
119 100
91 57.8 28.5 85.5
134 21.7 11.3 33.8

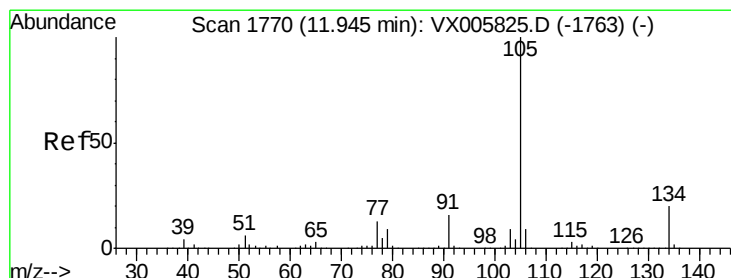
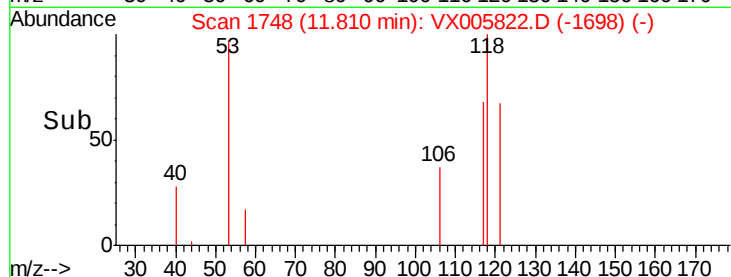
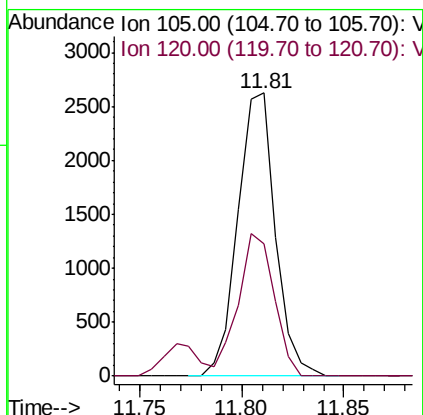
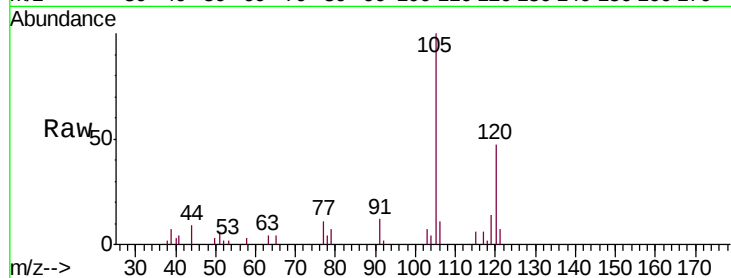




#84
 1,2,4-Trimethylbenzene
 Concen: 0.516 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

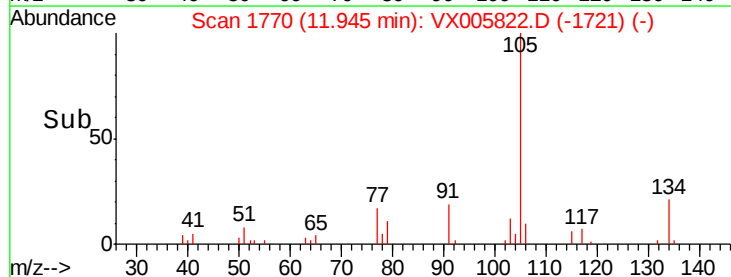
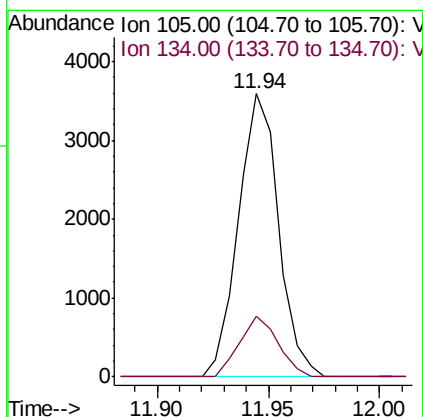
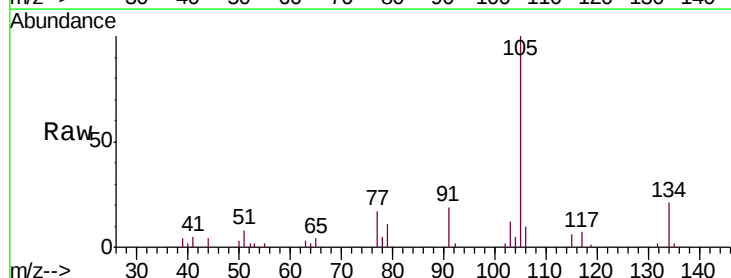
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

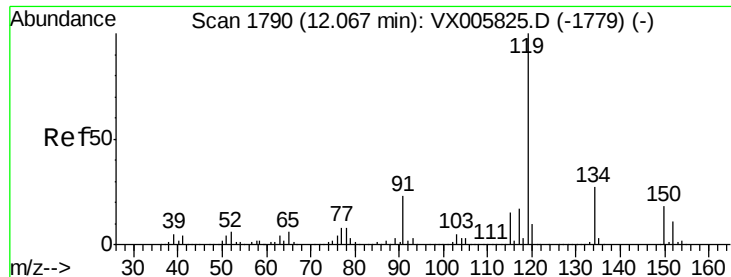
Tgt Ion:105 Resp: 3354
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 0.761 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion:105 Resp: 4514
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

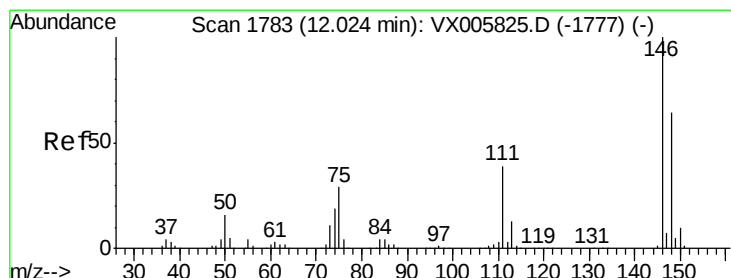
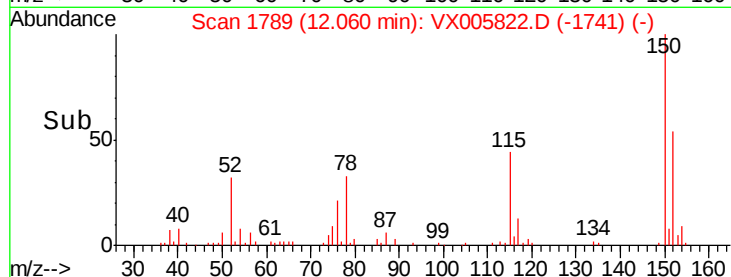
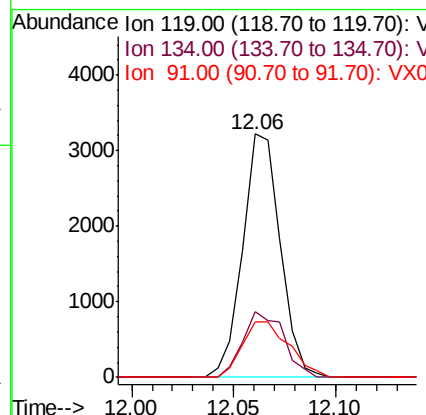
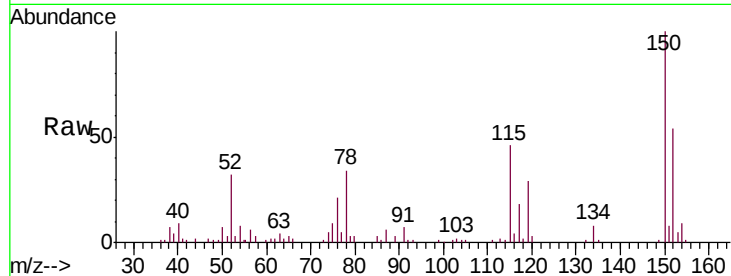




#86
 p-Isopropyltoluene
 Concen: 0.785 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

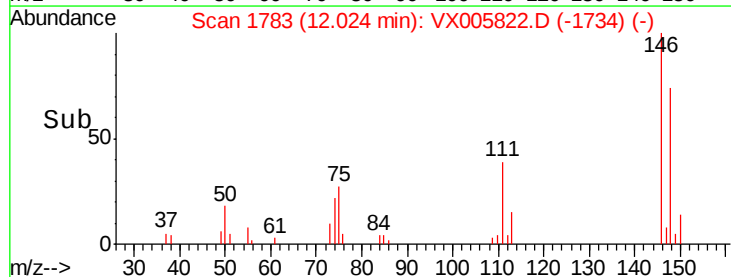
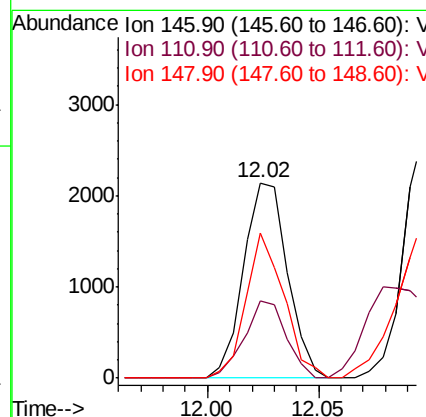
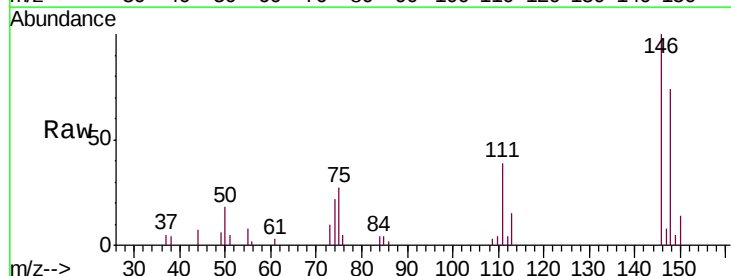
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

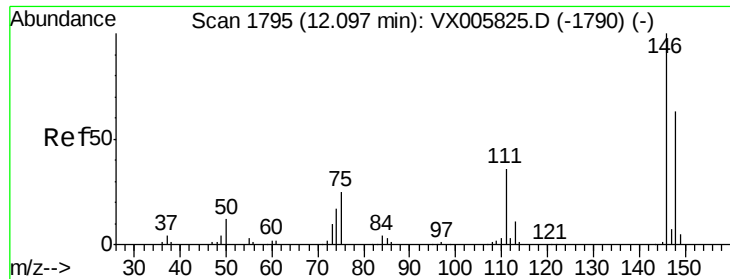
Tgt Ion:119 Resp: 4121
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.0 39.0
 91 28.4 11.4 34.2



#87
 1,3-Dichlorobenzene
 Concen: 0.965 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion:146 Resp: 2945
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.2 31.9 95.9

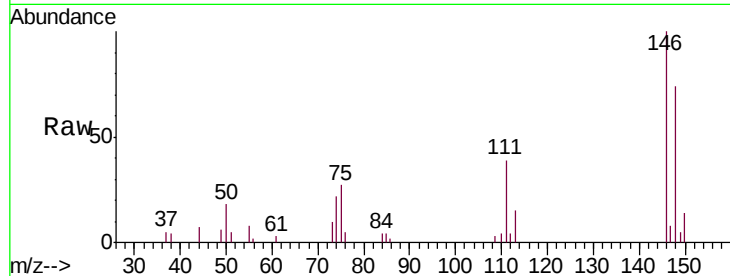




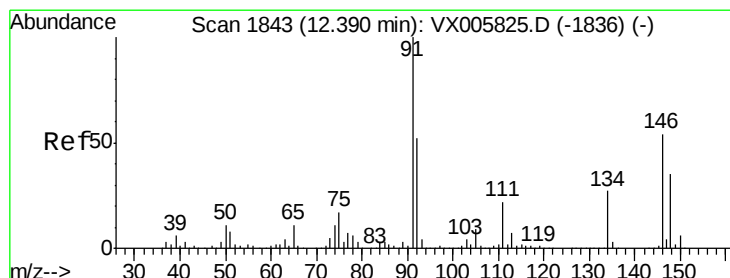
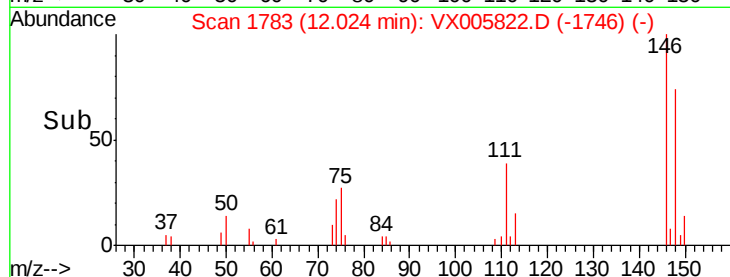
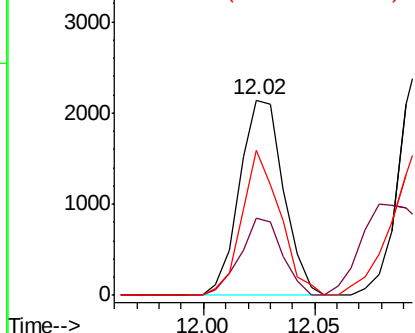
#88
 1,4-Dichlorobenzene
 Concen: 0.943 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 2945
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.2 32.1 96.3

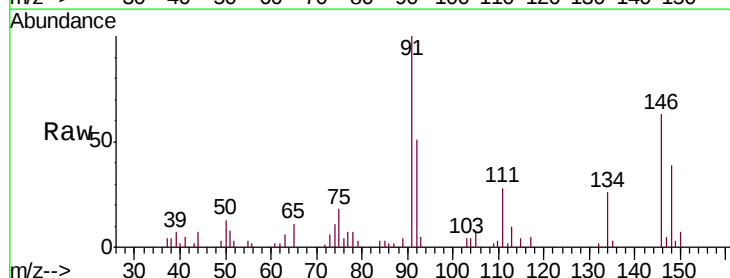


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

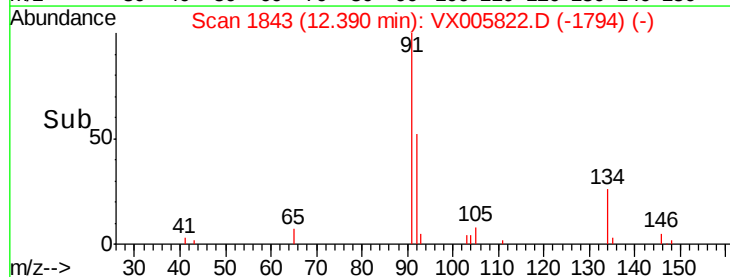
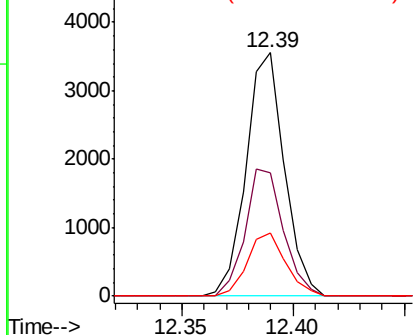


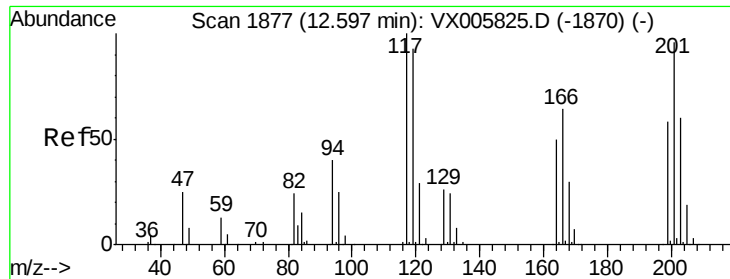
#89
 n-Butylbenzene
 Concen: 0.877 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Tgt Ion: 91 Resp: 4269
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.1 78.2
 134 25.8 13.1 39.3



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





#90

Hexachloroethane

Concen: 0.912 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

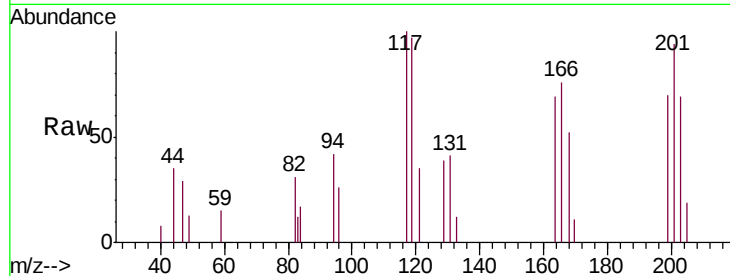
VSTDIC001

Tgt Ion:117 Resp: 800

Ion Ratio Lower Upper

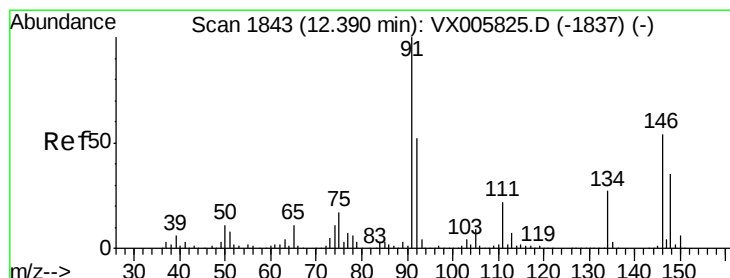
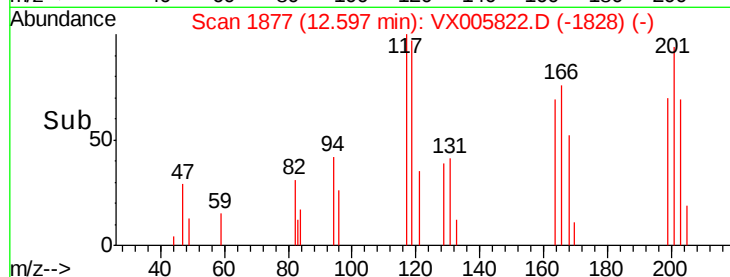
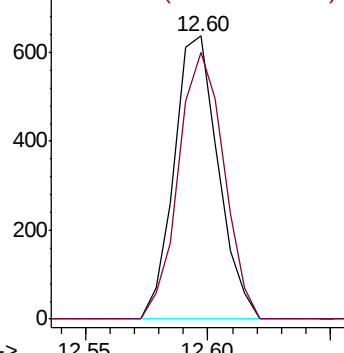
117 100

201 97.1 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.972 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

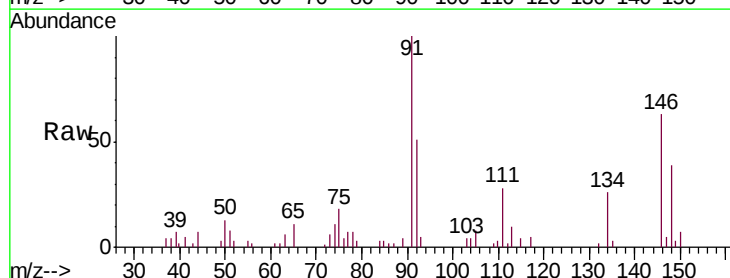
Tgt Ion:146 Resp: 2972

Ion Ratio Lower Upper

146 100

111 41.2 20.0 59.9

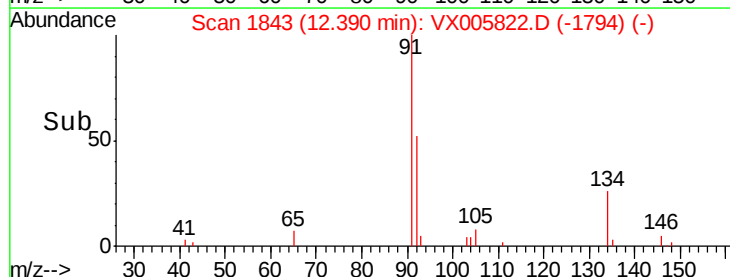
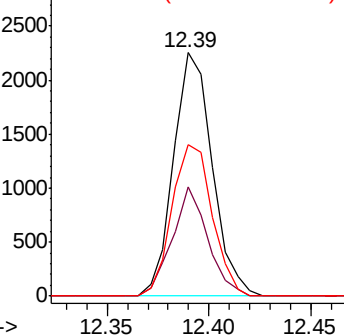
148 64.3 32.2 96.6

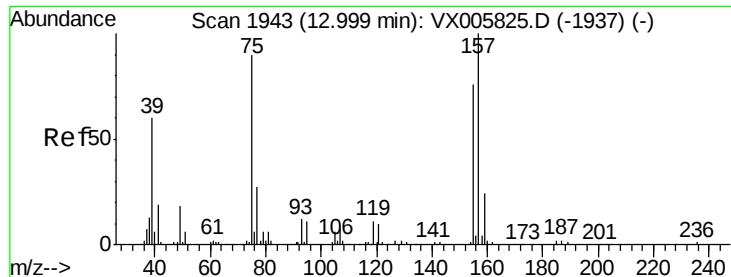


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.859 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

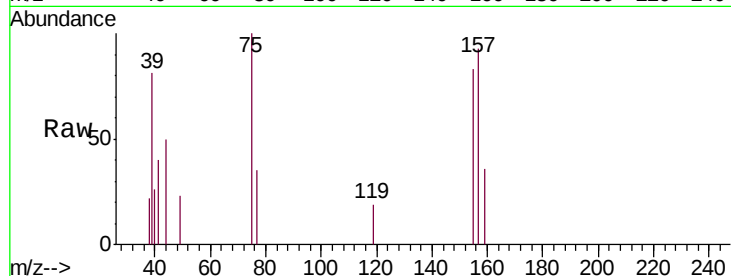
Tgt Ion: 75 Resp: 434

Ion Ratio Lower Upper

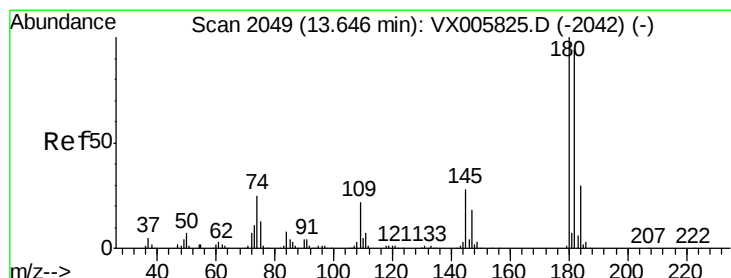
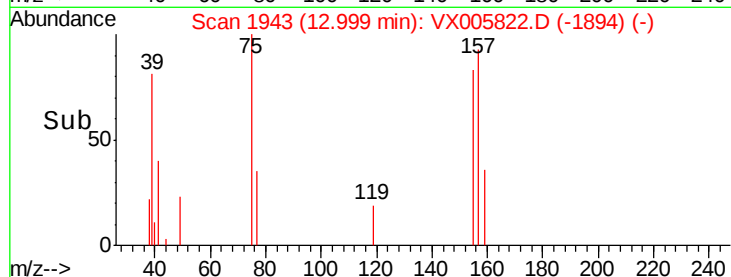
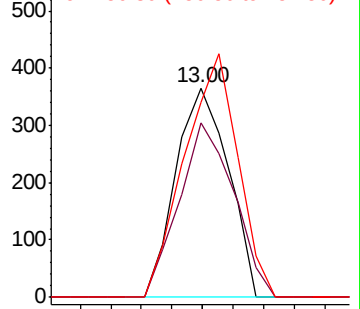
75 100

155 87.3 45.4 136.1

157 118.4 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX005822.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.924 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

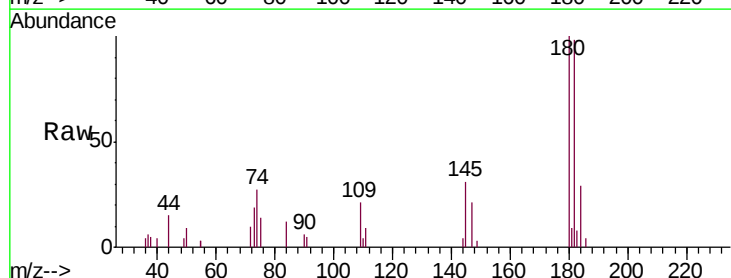
Tgt Ion: 180 Resp: 1988

Ion Ratio Lower Upper

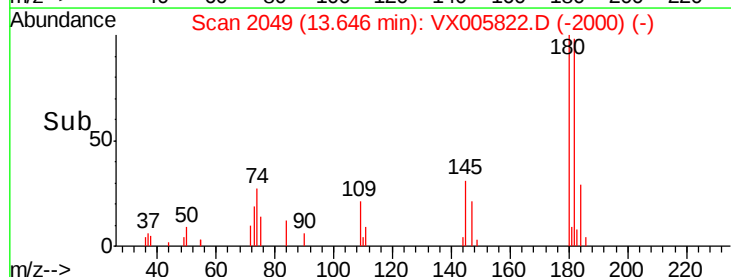
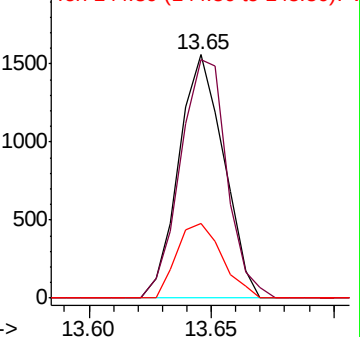
180 100

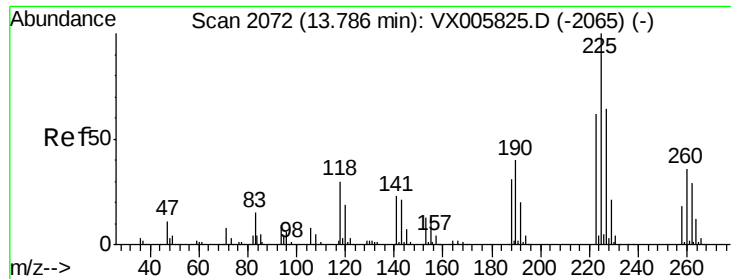
182 101.8 47.6 142.8

145 31.0 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): VX005822.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 1.116 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

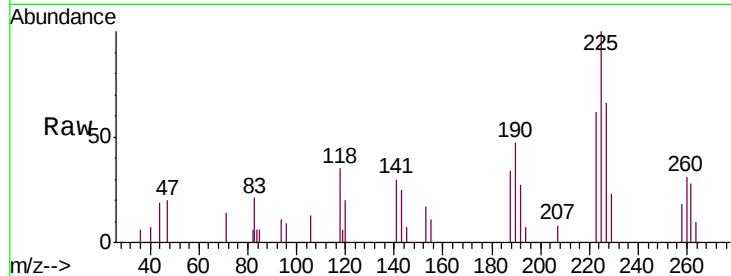
Tgt Ion:225 Resp: 1261

Ion Ratio Lower Upper

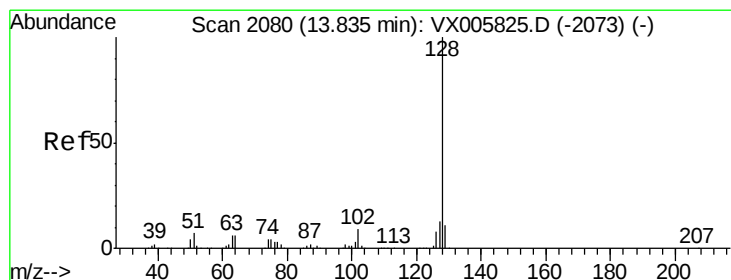
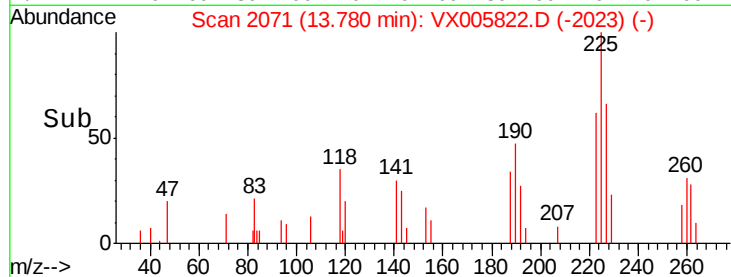
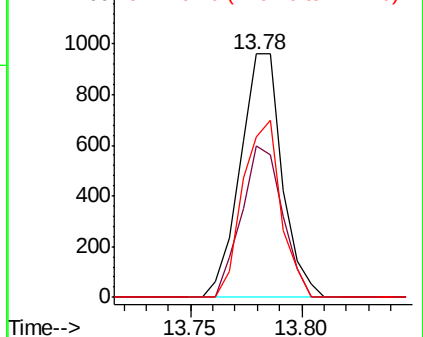
225 100

223 61.0 31.7 95.1

227 66.2 32.3 96.9



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: 1.851 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005822.D

Acq: 07 Nov 2018 12:05

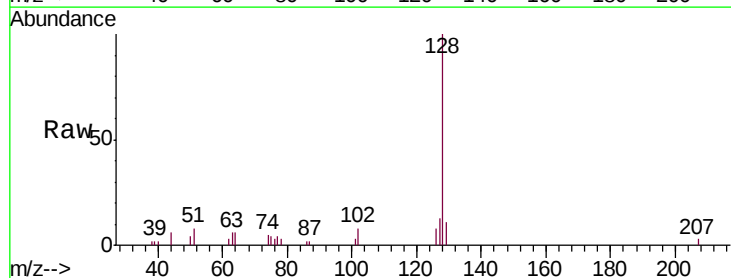
Tgt Ion:128 Resp: 4843

Ion Ratio Lower Upper

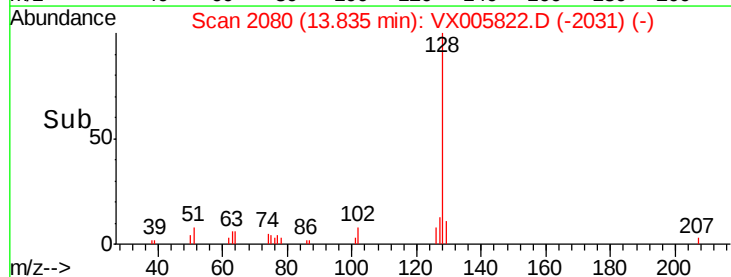
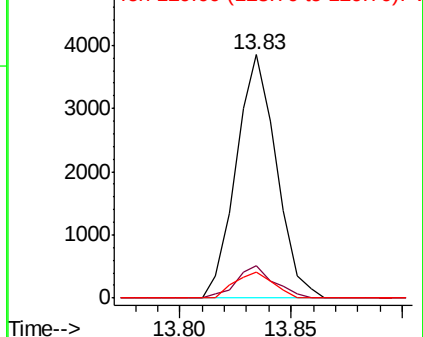
128 100

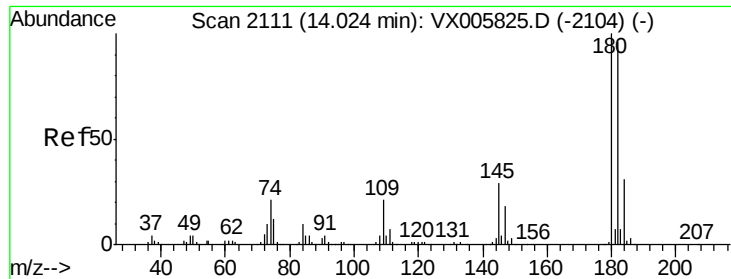
127 12.5 10.4 15.6

129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.947 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005822.D
 Acq: 07 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	29.4	15.1	45.3

