

Data File : VX001271.D

Acq On : 01 May 2018 11:28

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: May 02 01:19:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	256009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	12480	4.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.62%	
35) Dibromofluoromethane	5.51	113	9977	4.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.38%	
50) Toluene-d8	8.72	98	33979	4.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.44%	
62) 4-Bromofluorobenzene	11.14	95	13412	4.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	8743	4.28	ug/l	97
3) Chloromethane	1.32	50	9906	4.76	ug/l	96
4) Vinyl Chloride	1.40	62	10365	4.68	ug/l	96
5) Bromomethane	1.64	94	10368	6.63	ug/l	93
6) Chloroethane	1.72	64	6894	4.99	ug/l	94
7) Trichlorofluoromethane	1.93	101	17794	4.93	ug/l	94
8) Diethyl Ether	2.19	74	6555	4.84	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	10396	5.21	ug/l	99
10) Methyl Iodide	2.51	142	8382	4.53	ug/l	99
11) Tert butyl alcohol	3.07	59	12445	22.52	ug/l	96
12) 1,1-Dichloroethene	2.38	96	9476	4.94	ug/l	97
13) Acrolein	2.30	56	7733	34.06	ug/l	93
14) Allyl chloride	2.73	41	16819	4.87	ug/l	97
15) Acrylonitrile	3.15	53	26832	22.23	ug/l	99
16) Acetone	2.45	43	29142	24.31	ug/l	98
17) Carbon Disulfide	2.57	76	22112	4.53	ug/l	96
18) Methyl Acetate	2.78	43	13251	4.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	33117	4.76	ug/l	100
20) Methylene Chloride	2.86	84	12951	5.78	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	10230	4.85	ug/l	89
22) Diisopropyl ether	3.87	45	30728	4.47	ug/l	93
23) Vinyl Acetate	3.82	43	134029	23.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	18959	5.18	ug/l	97
25) 2-Butanone	4.71	43	39691	22.52	ug/l	96
26) 2,2-Dichloropropane	4.59	77	13546	4.68	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	11505	5.01	ug/l	99
28) Bromochloromethane	5.03	49	6762	4.12	ug/l	93
29) Tetrahydrofuran	5.17	42	23966	21.27	ug/l	98
30) Chloroform	5.22	83	18569	4.80	ug/l	97
31) Cyclohexane	5.57	56	16165	5.15	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	15871	4.73	ug/l	100
36) 1,1-Dichloropropene	5.81	75	14093	4.95	ug/l	100
37) Ethyl Acetate	4.87	43	14223	4.28	ug/l	97
38) Carbon Tetrachloride	5.79	117	14024	4.78	ug/l	98

Data File : VX001271.D

Acq On : 01 May 2018 11:28

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: May 02 01:19:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	16105	5.04	ug/l	98
40) Benzene	6.15	78	41466	5.06	ug/l	92
41) Methacrylonitrile	5.07	41	8414	4.51	ug/l	96
42) 1,2-Dichloroethane	6.21	62	16324	4.99	ug/l #	76
43) Isopropyl Acetate	6.47	43	22756	4.34	ug/l	99
44) Trichloroethene	7.22	130	12674	5.16	ug/l	96
45) 1,2-Dichloropropane	7.52	63	10790	5.03	ug/l	99
46) Dibromomethane	7.67	93	7510	5.05	ug/l	96
47) Bromodichloromethane	7.90	83	12075	4.47	ug/l	99
48) Methyl methacrylate	7.79	41	12008	4.32	ug/l	98
49) 1,4-Dioxane	7.76	88	4553	82.73	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	74477	21.69	ug/l	100
52) Toluene	8.79	92	26898	5.01	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	13903	4.43	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	12422	4.22	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	11016	4.88	ug/l	97
56) Ethyl methacrylate	9.19	69	14043	4.24	ug/l	95
57) 1,3-Dichloropropane	9.38	76	17695	4.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	33605	21.32	ug/l	99
59) 2-Hexanone	9.50	43	57016	21.16	ug/l	100
60) Dibromochloromethane	9.59	129	9523	4.17	ug/l	99
61) 1,2-Dibromoethane	9.68	107	11198	4.74	ug/l	98
64) Tetrachloroethene	9.34	164	14430	5.57	ug/l	98
65) Chlorobenzene	10.14	112	32287	5.17	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	10553	4.88	ug/l	98
67) Ethyl Benzene	10.26	91	51341	5.03	ug/l	100
68) m/p-Xylenes	10.37	106	39467	9.78	ug/l	99
69) o-Xylene	10.70	106	19167	4.92	ug/l	99
70) Styrene	10.72	104	29870	4.61	ug/l	99
71) Bromoform	10.87	173	7422	3.96	ug/l #	98
73) Isopropylbenzene	11.02	105	51610	5.07	ug/l	100
74) N-amyl acetate	6.47	43	22756	4.55	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	15175	4.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	16596	5.33	ug/l	89
77) Bromobenzene	11.26	156	14910	4.96	ug/l	97
78) n-propylbenzene	11.37	91	57711	5.09	ug/l	100
79) 2-Chlorotoluene	11.43	91	35107	5.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	42786	4.96	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	2773	3.54	ug/l #	79
82) 4-Chlorotoluene	11.52	91	41559	4.98	ug/l	99
83) tert-Butylbenzene	11.77	119	42660	4.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	44824	5.07	ug/l	98
85) sec-Butylbenzene	11.95	105	51277	5.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	45996	4.91	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	27307	5.06	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	28021	4.97	ug/l	95
89) n-Butylbenzene	12.39	91	37451	4.61	ug/l	99
90) Hexachloroethane	12.60	117	6017	4.52	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	28083	5.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2797	3.86	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

Data File : VX001271.D
Acq On : 01 May 2018 11:28
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

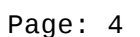
Quant Time: May 02 01:19:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:17:44 2018
Response via : Initial Calibration

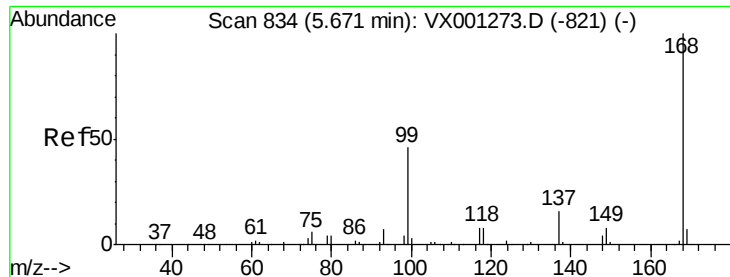
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	20558	4.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	11010	5.36	ug/l	97
95) Naphthalene	13.84	128	54391	4.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	21283	4.99	ug/l	99

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

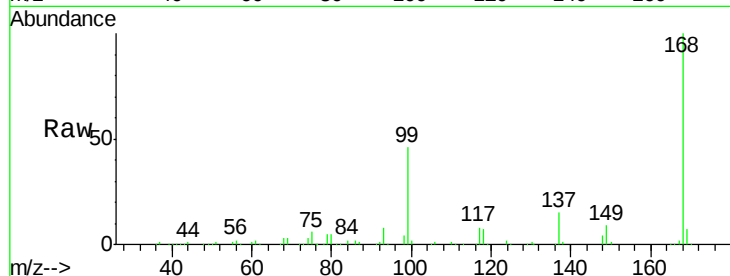
VSTDIC005

Tgt Ion:168 Resp: 189249

Ion Ratio Lower Upper

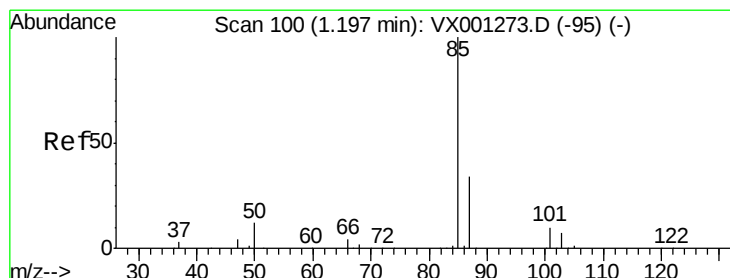
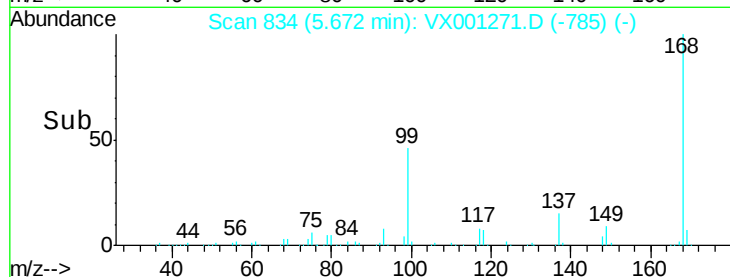
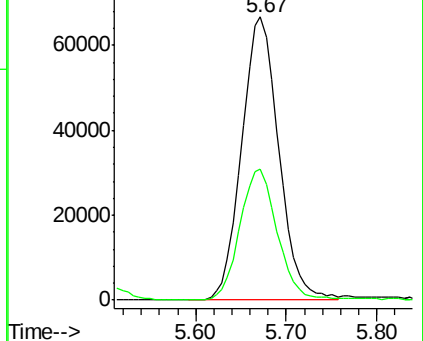
168 100

99 46.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001271.D

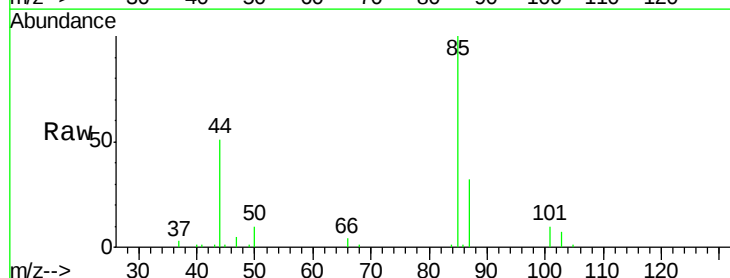
Acq: 01 May 2018 11:28

Tgt Ion: 85 Resp: 8743

Ion Ratio Lower Upper

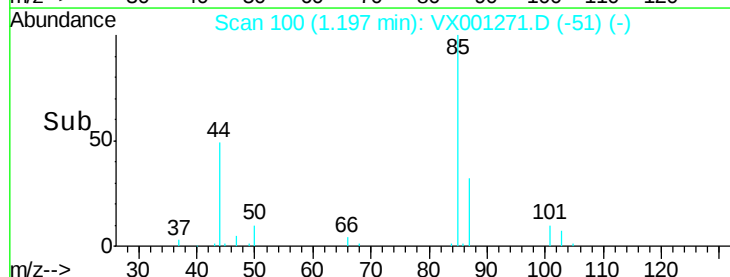
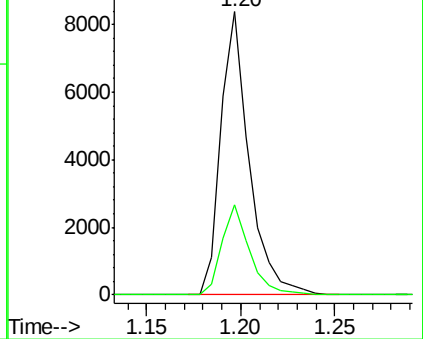
85 100

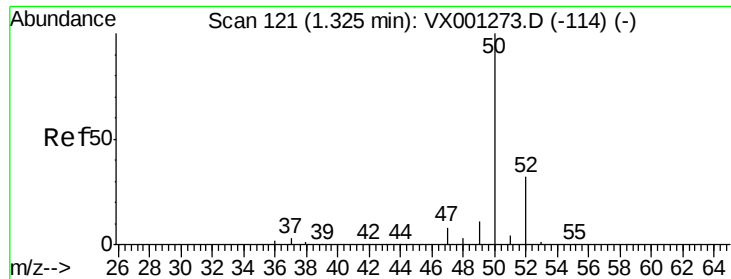
87 32.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

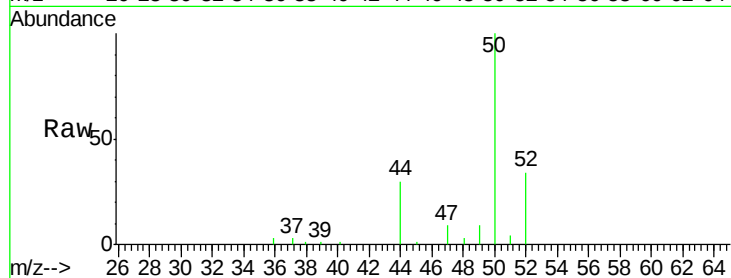
VSTDIC005

Tgt Ion: 50 Resp: 9906

Ion Ratio Lower Upper

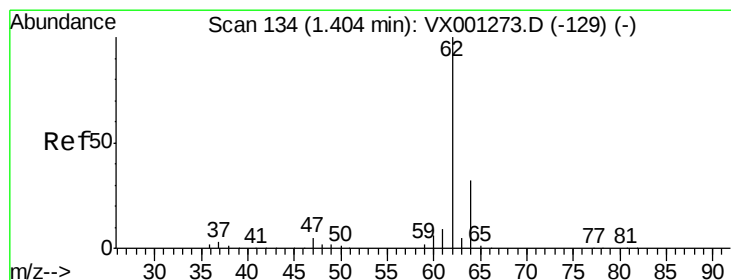
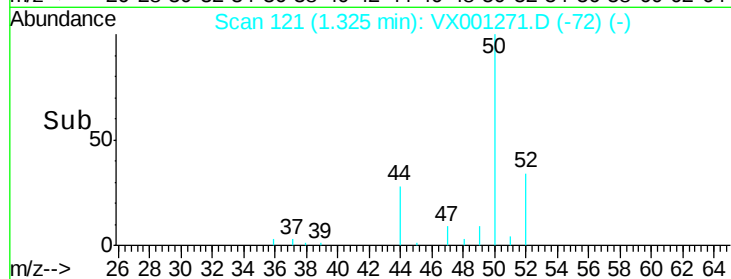
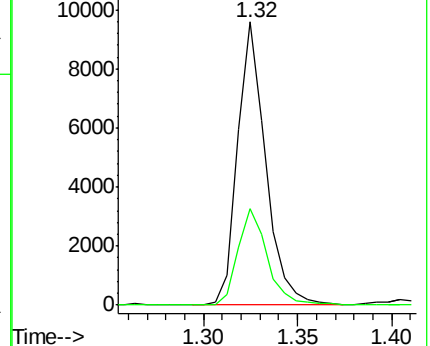
50 100

52 34.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001271.D

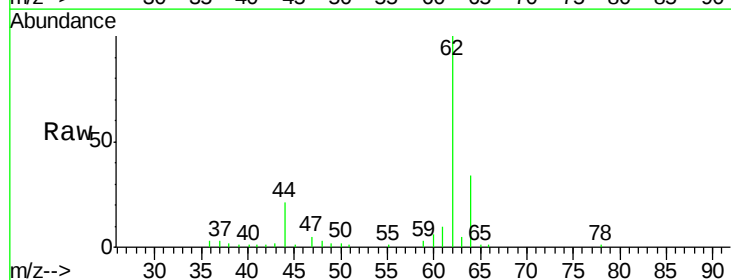
Acq: 01 May 2018 11:28

Tgt Ion: 62 Resp: 10365

Ion Ratio Lower Upper

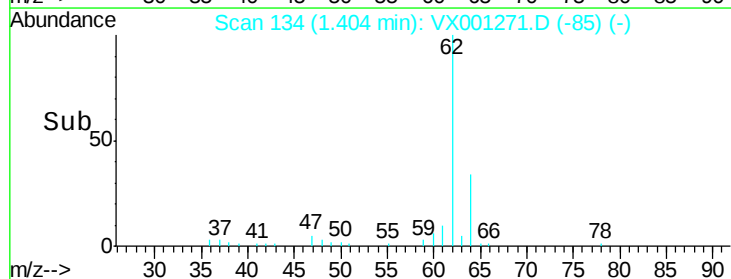
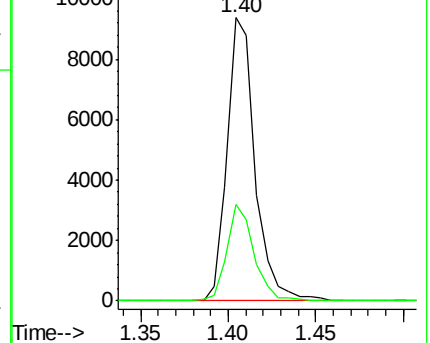
62 100

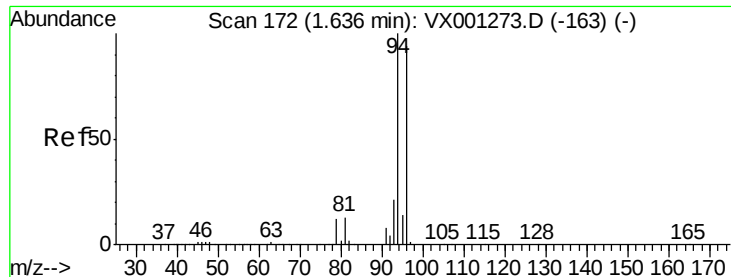
64 34.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.63 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

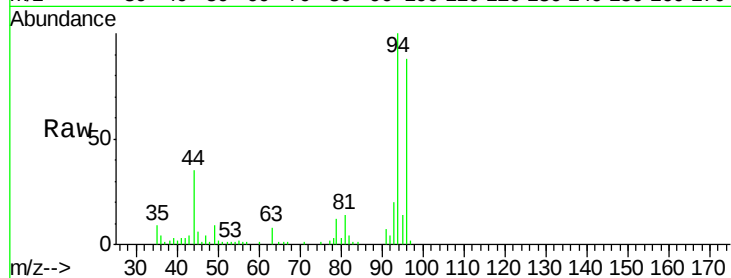
VSTDIC005

Tgt Ion: 94 Resp: 10368

Ion Ratio Lower Upper

94 100

96 87.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

10000

8000

6000

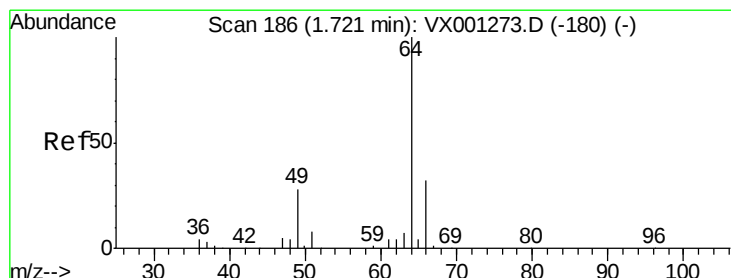
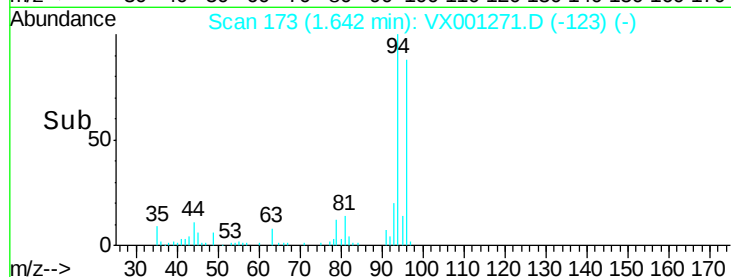
4000

2000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 4.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001271.D

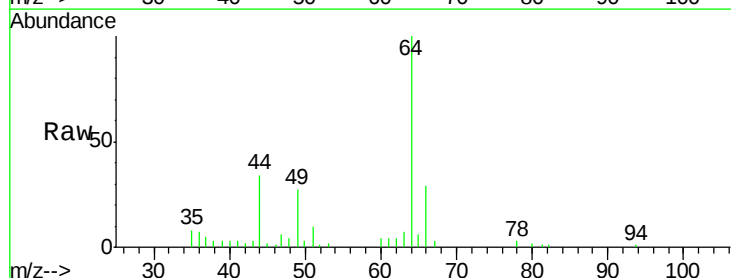
Acq: 01 May 2018 11:28

Tgt Ion: 64 Resp: 6894

Ion Ratio Lower Upper

64 100

66 29.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

5000

4000

3000

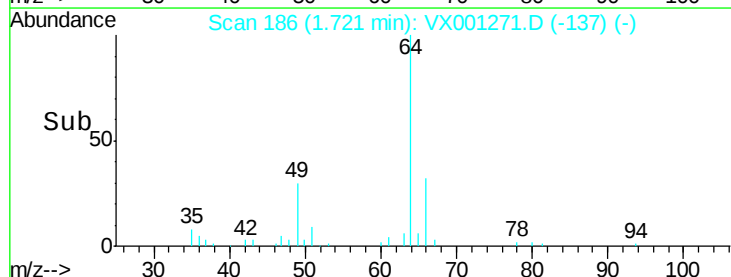
2000

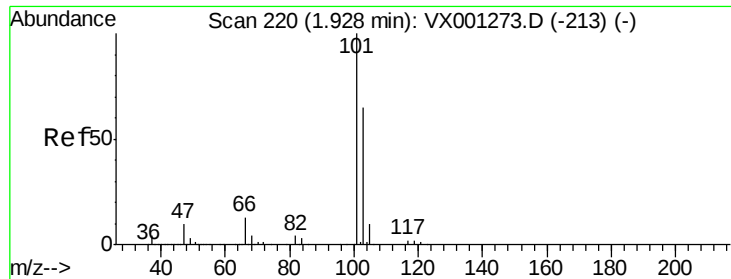
1000

0

1.65 1.70 1.75 1.80

Time-->



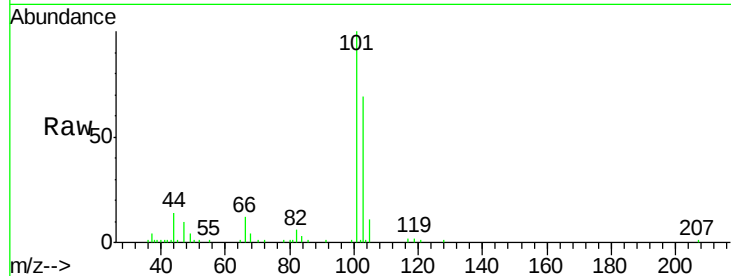


#7

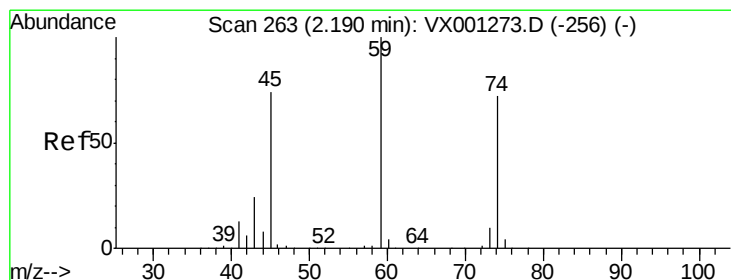
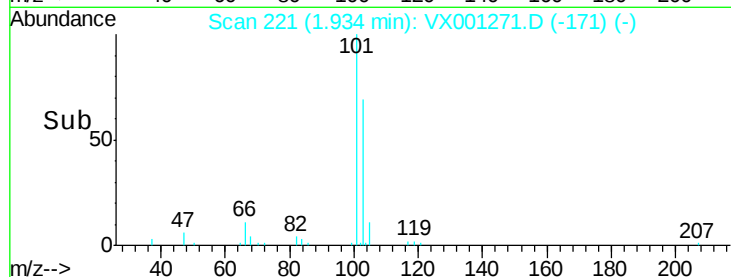
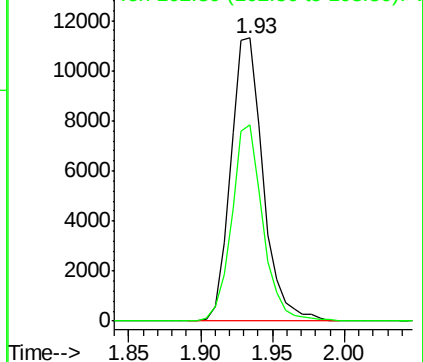
Trichlorofluoromethane
 Concen: 4.93 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 17794
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.8 77.8



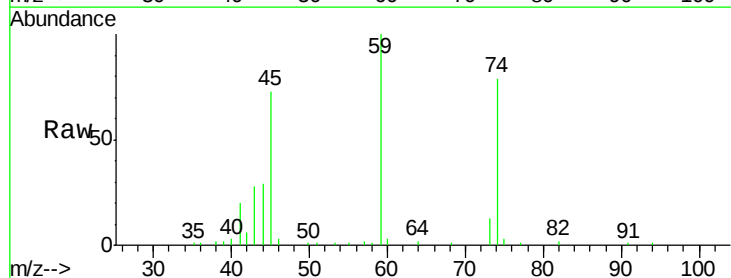
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



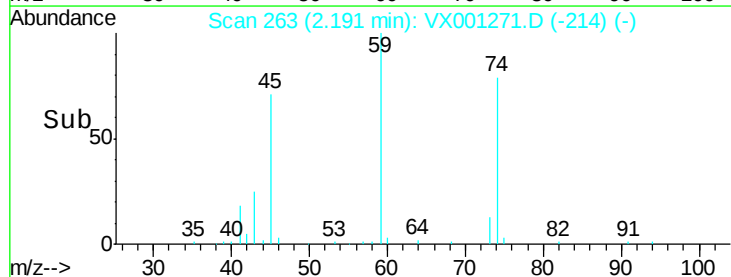
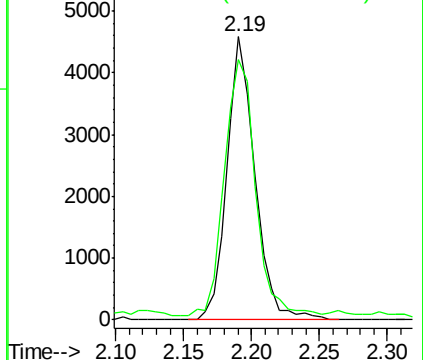
#8

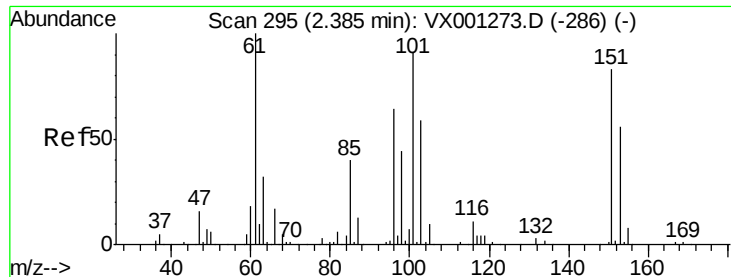
Diethyl Ether
 Concen: 4.84 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion: 74 Resp: 6555
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0

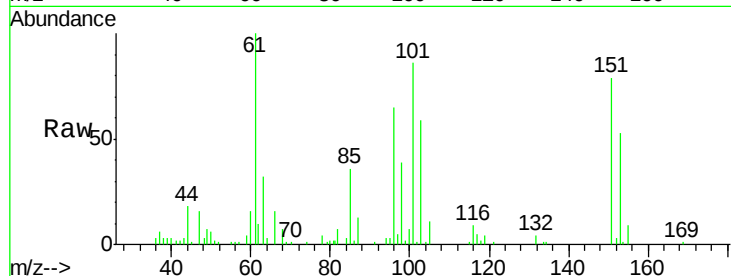




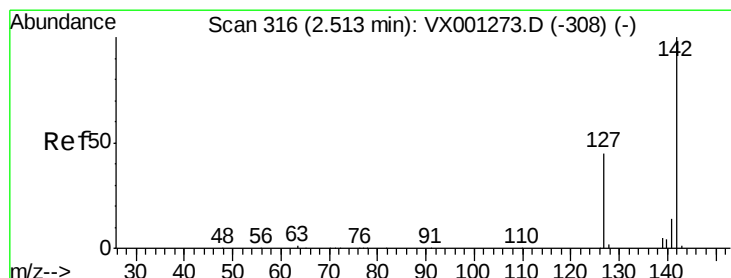
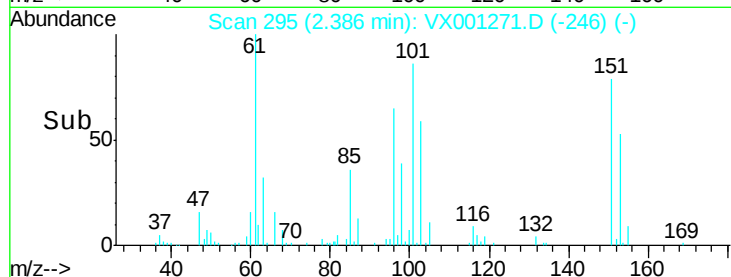
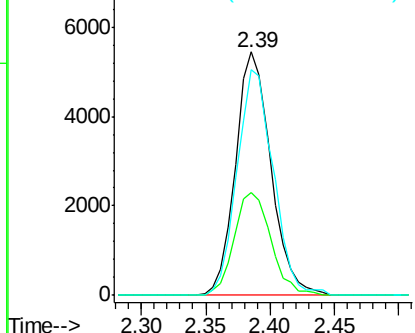
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.21 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 10396
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.6 53.4
 151 94.3 74.8 112.2

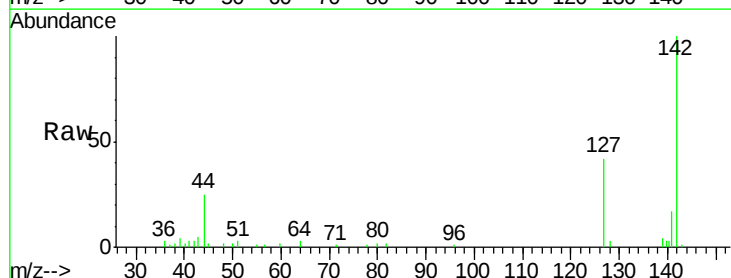


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX
 Ion 150.80 (150.50 to 151.50): V

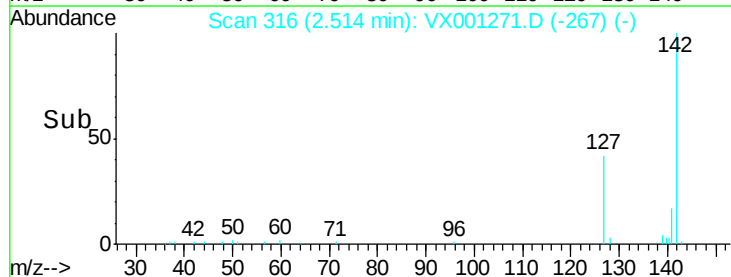
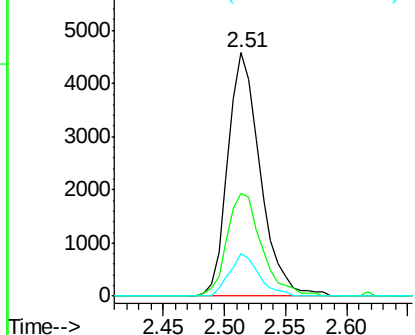


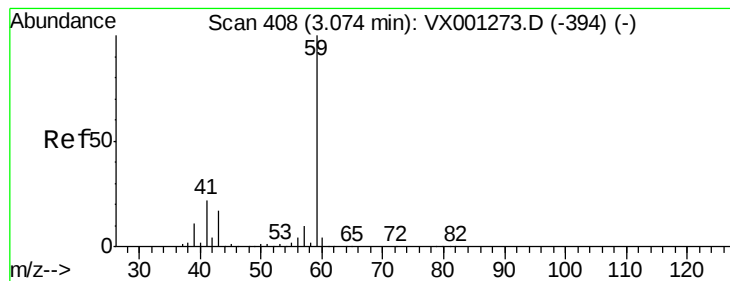
#10
 Methyl Iodide
 Concen: 4.53 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion:142 Resp: 8382
 Ion Ratio Lower Upper
 142 100
 127 45.0 35.7 53.5
 141 15.7 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 22.52 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampled :

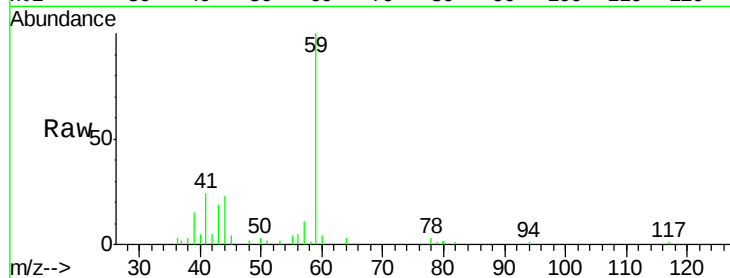
VSTDIC005

Tgt Ion: 59 Resp: 12445

Ion Ratio Lower Upper

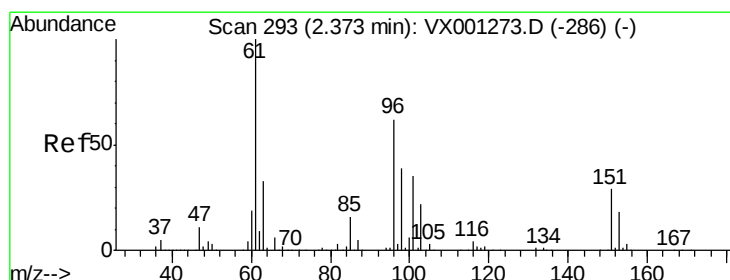
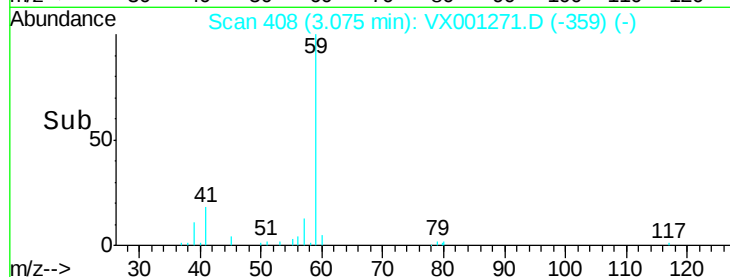
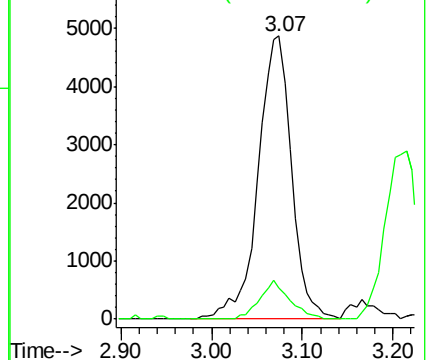
59 100

57 12.1 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 4.94 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

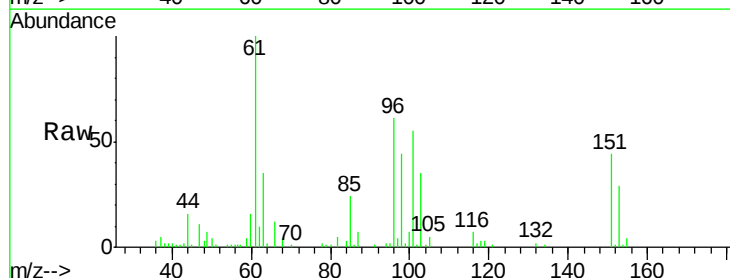
Tgt Ion: 96 Resp: 9476

Ion Ratio Lower Upper

96 100

61 162.9 130.1 195.1

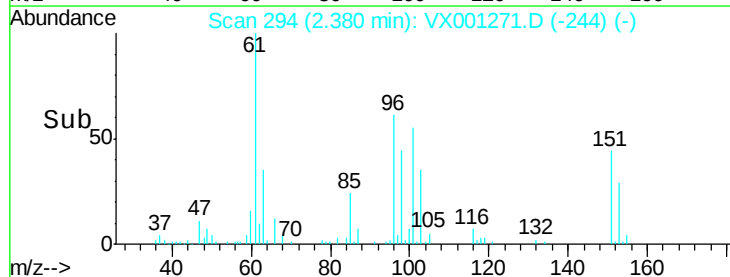
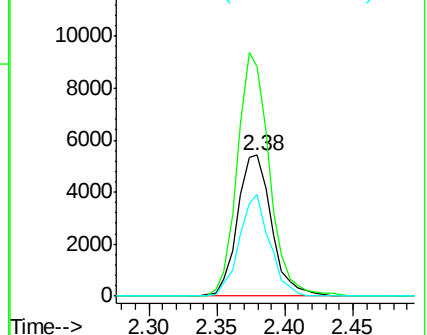
98 71.9 50.3 75.5

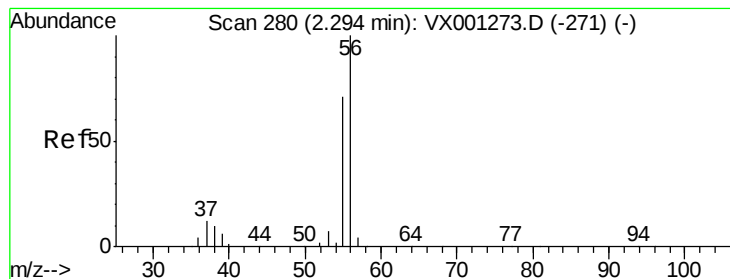


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 34.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

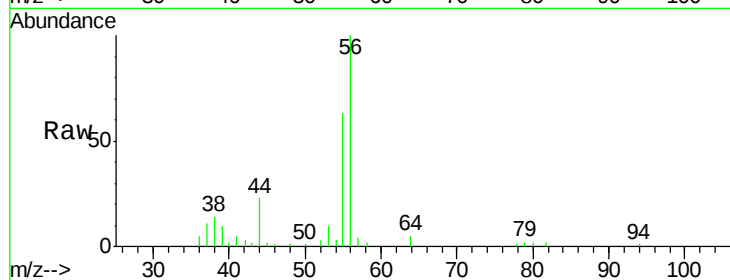
VSTDIC005

Tgt Ion: 56 Resp: 7733

Ion Ratio Lower Upper

56 100

55 66.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

5000

4000

3000

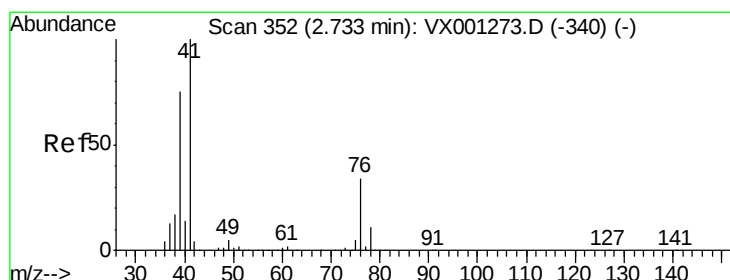
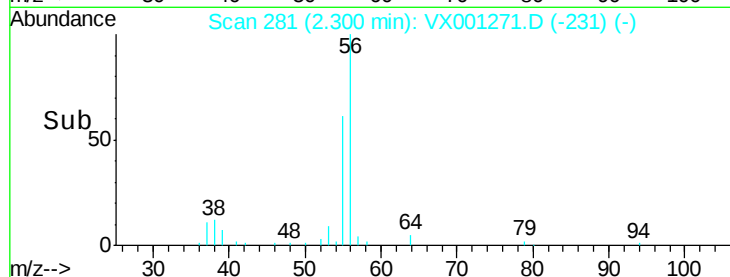
2000

1000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 4.87 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

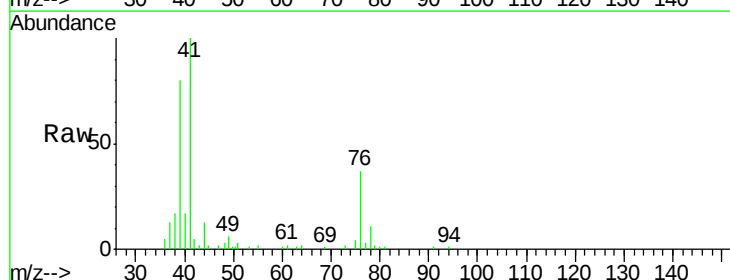
Tgt Ion: 41 Resp: 16819

Ion Ratio Lower Upper

41 100

39 76.8 58.1 87.1

76 31.4 25.1 37.7



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

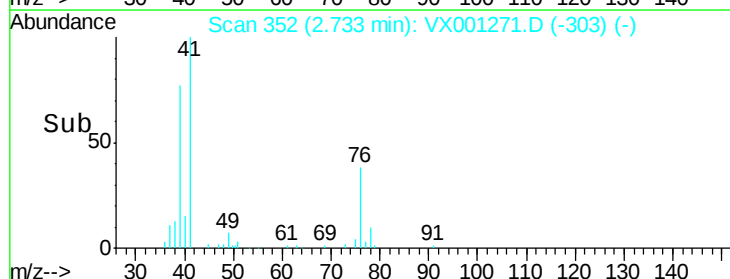
10000

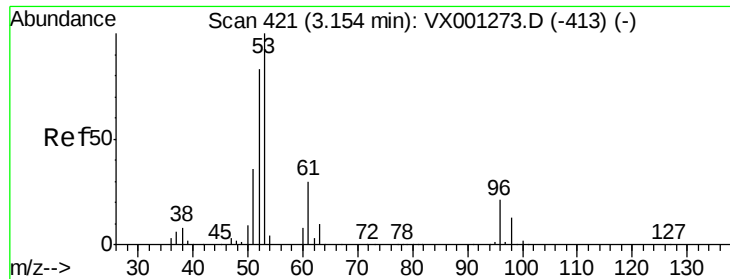
5000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 22.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

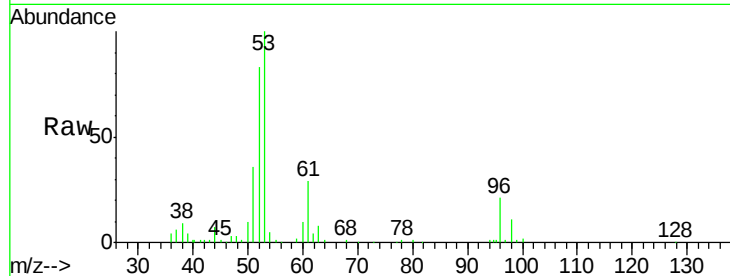
Tgt Ion: 53 Resp: 26832

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

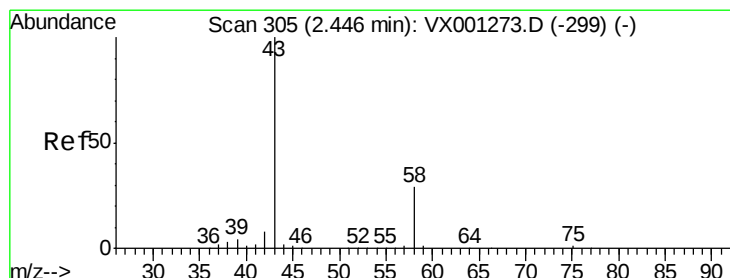
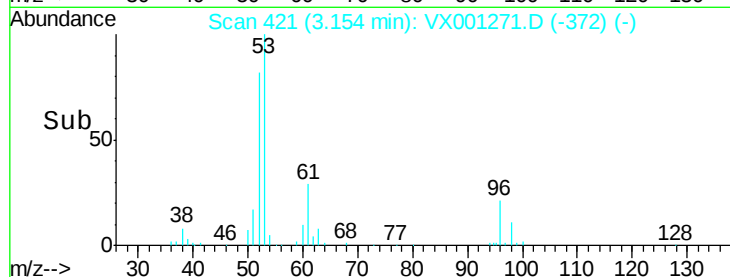
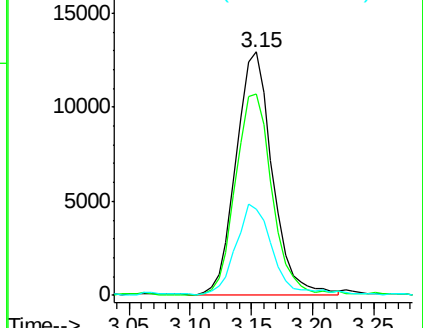
51 38.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.31 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001271.D

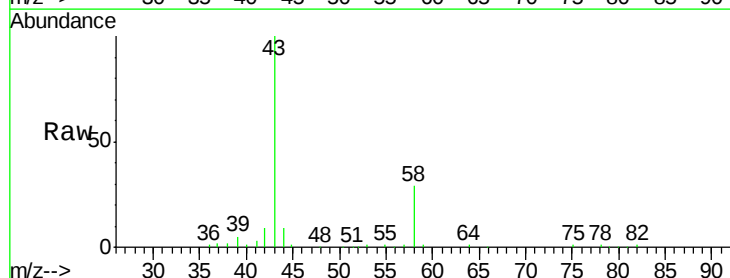
Acq: 01 May 2018 11:28

Tgt Ion: 43 Resp: 29142

Ion Ratio Lower Upper

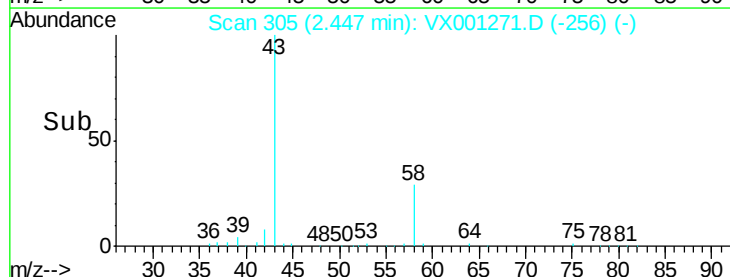
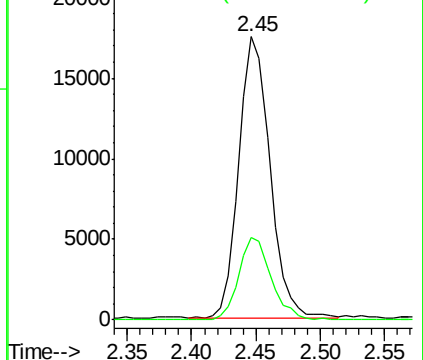
43 100

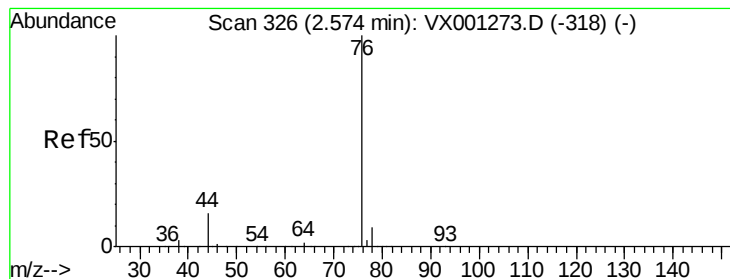
58 29.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.53 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

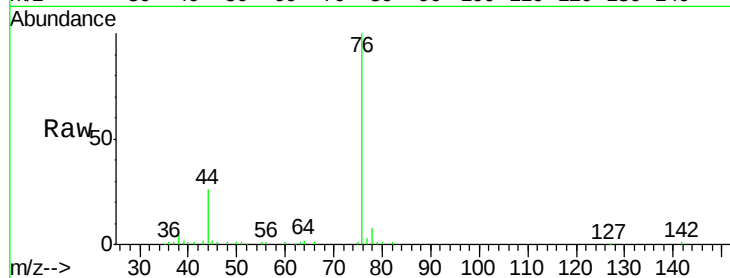
VSTDIC005

Tgt Ion: 76 Resp: 22112

Ion Ratio Lower Upper

76 100

78 7.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

15000

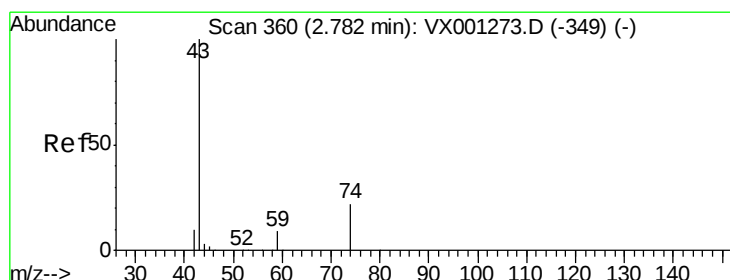
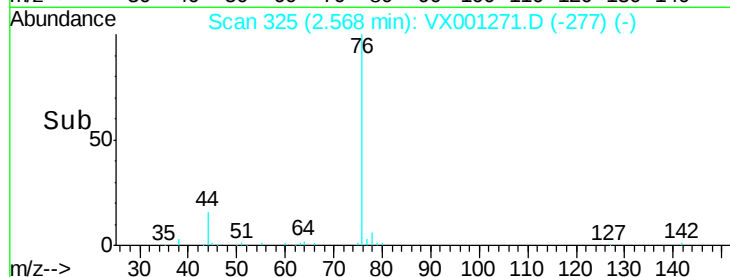
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 4.47 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001271.D

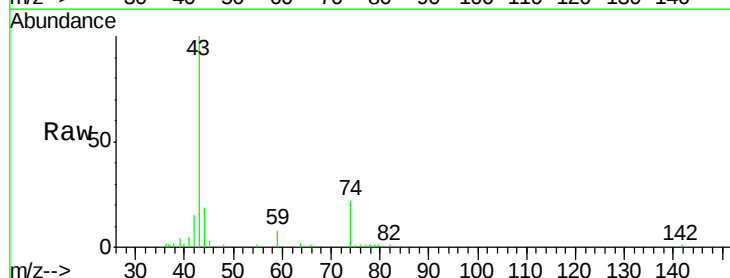
Acq: 01 May 2018 11:28

Tgt Ion: 43 Resp: 13251

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

8000

6000

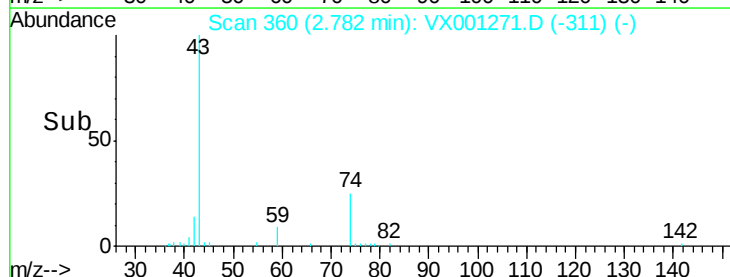
4000

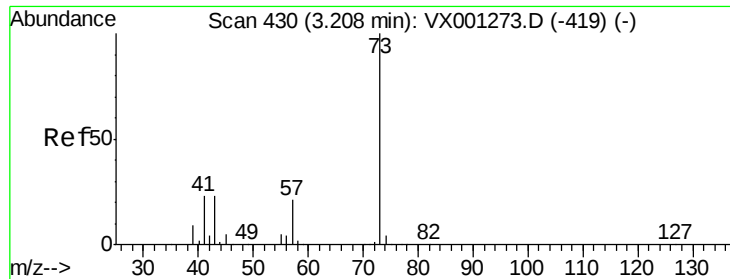
2000

0

Time-->

2.70 2.75 2.80 2.85

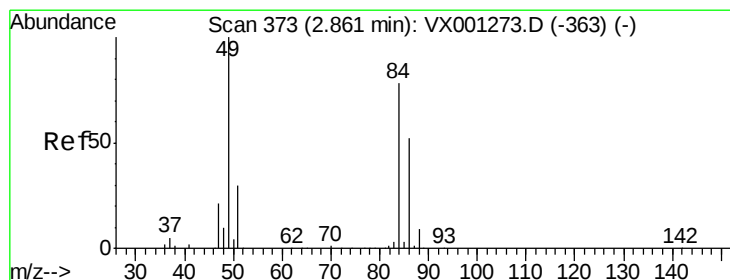
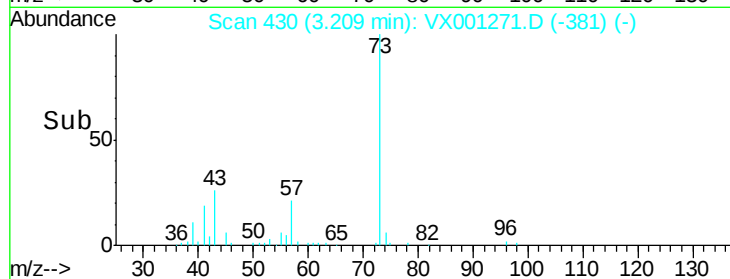
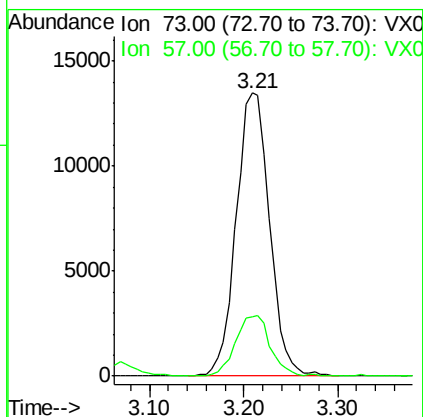
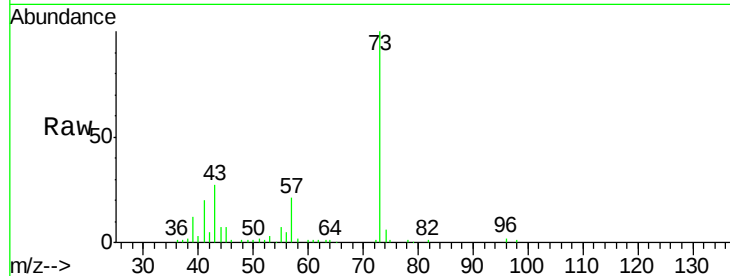




#19
Methyl tert-butyl Ether
Concen: 4.76 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

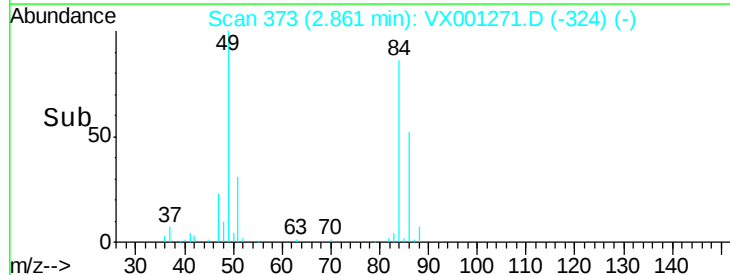
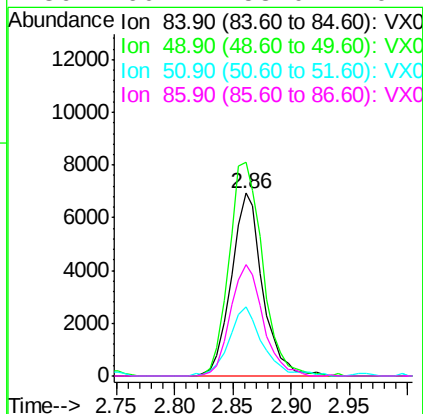
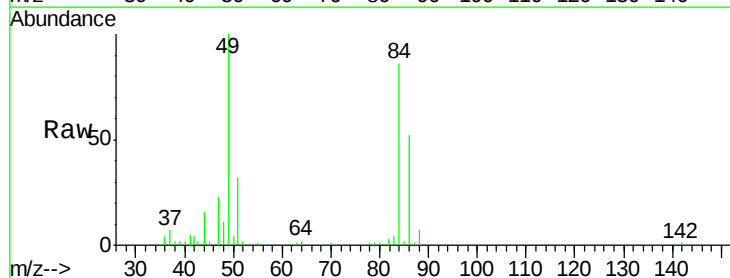
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

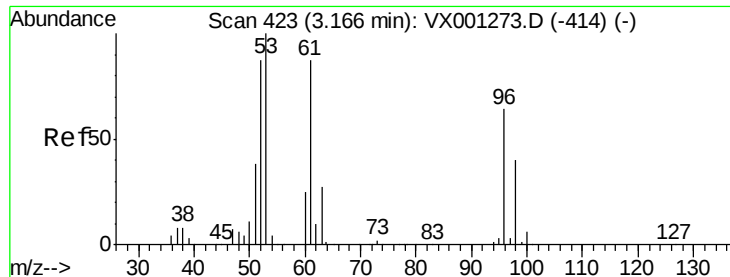
Tgt Ion: 73 Resp: 33117
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#20
Methylene Chloride
Concen: 5.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 84 Resp: 12951
Ion Ratio Lower Upper
84 100
49 116.9 102.8 154.2
51 37.8 30.9 46.3
86 60.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 4.85 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

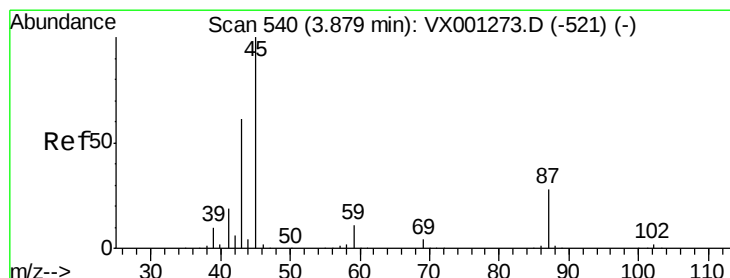
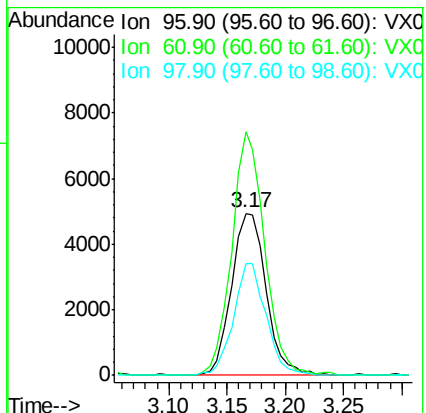
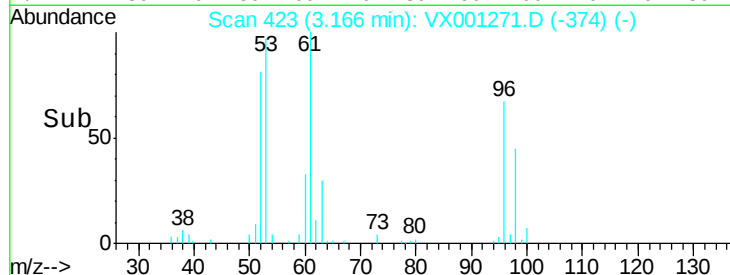
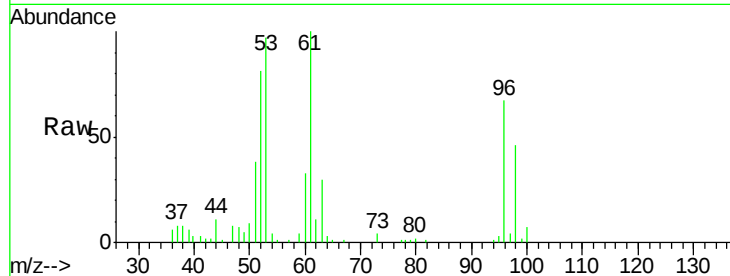
Tgt Ion: 96 Resp: 10230

Ion Ratio Lower Upper

96 100

61 150.3 108.6 162.8

98 69.1 49.7 74.5



#22

Diisopropyl ether

Concen: 4.47 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Tgt Ion: 45 Resp: 30728

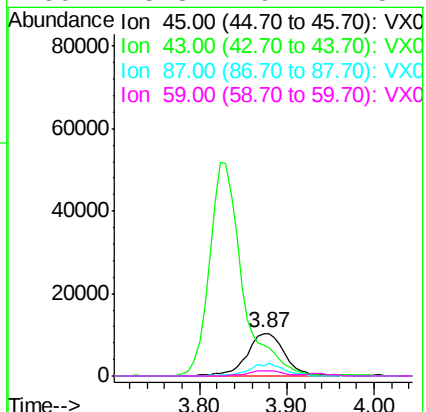
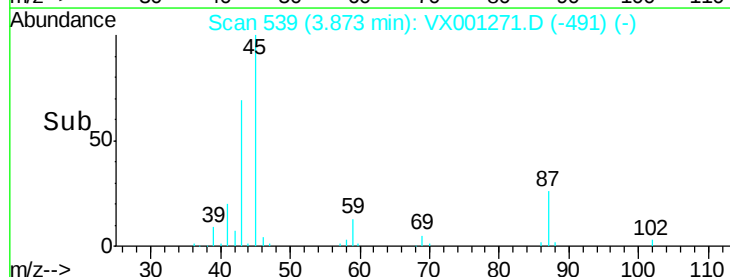
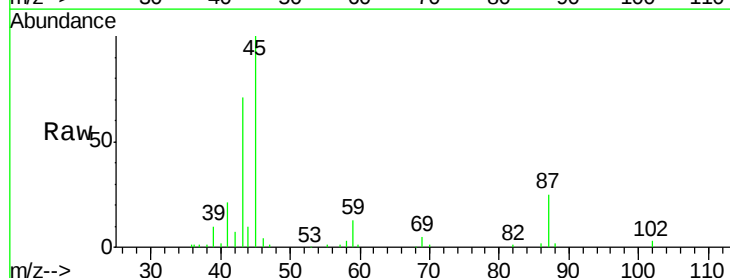
Ion Ratio Lower Upper

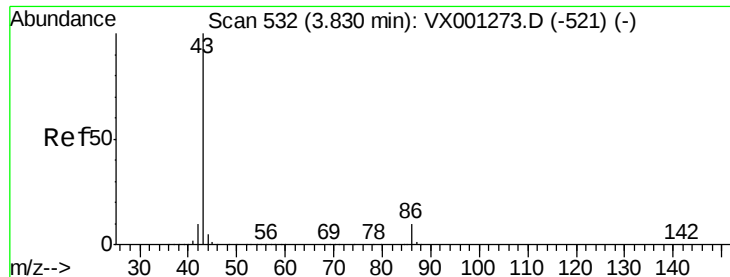
45 100

43 67.7 48.7 73.1

87 25.6 22.2 33.4

59 13.3 9.1 13.7





#23

Vinyl Acetate

Concen: 23.06 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

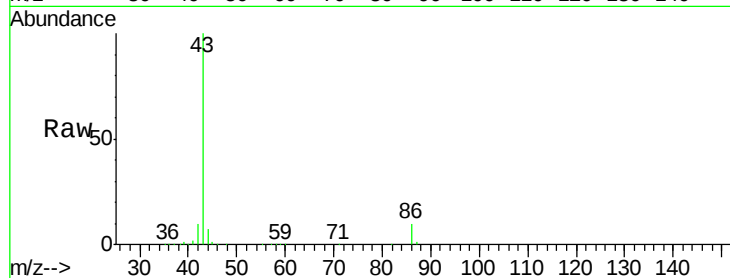
VSTDIC005

Tgt Ion: 43 Resp: 134029

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

60000

50000

40000

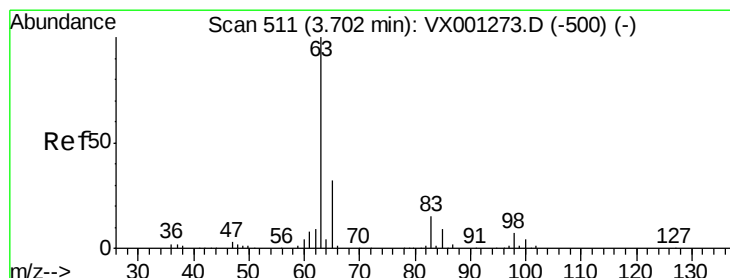
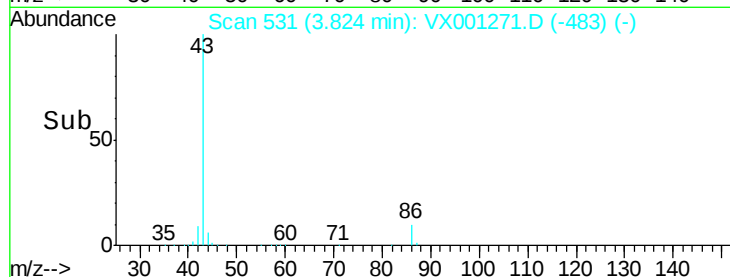
30000

20000

10000

0

Time-->



#24

1,1-Dichloroethane

Concen: 5.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

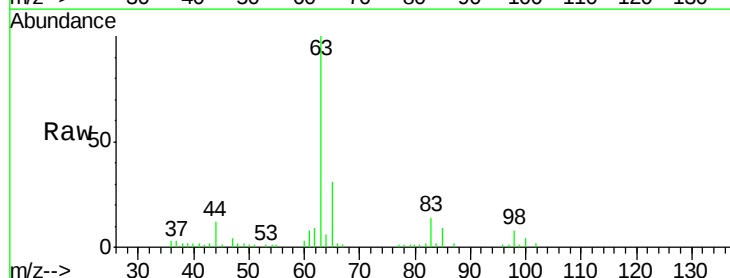
Tgt Ion: 63 Resp: 18959

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

10000

8000

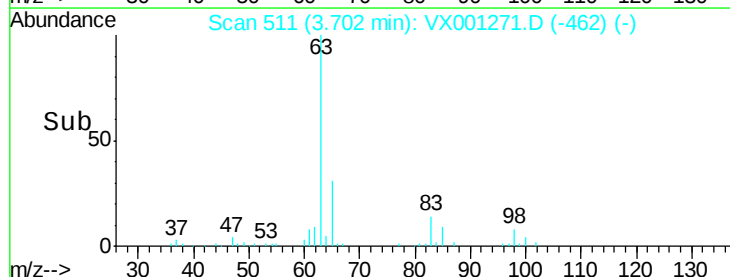
6000

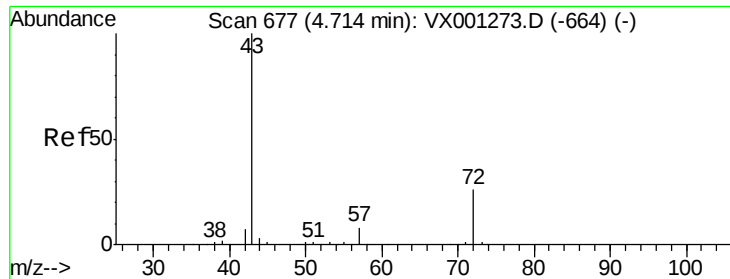
4000

2000

0

Time-->





#25

2-Butanone

Concen: 22.52 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

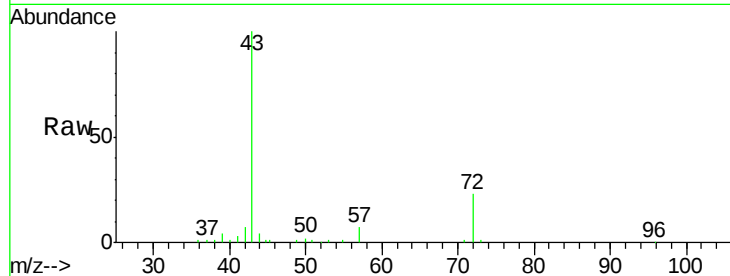
VSTDIC005

Tgt Ion: 43 Resp: 39691

Ion Ratio Lower Upper

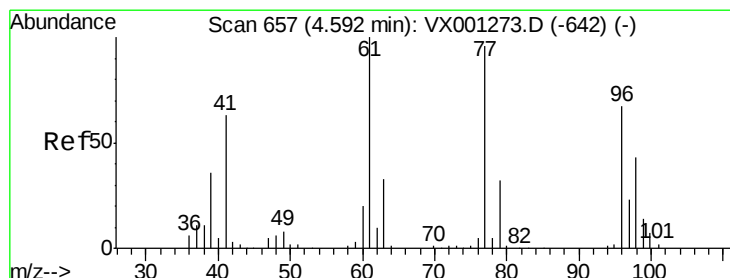
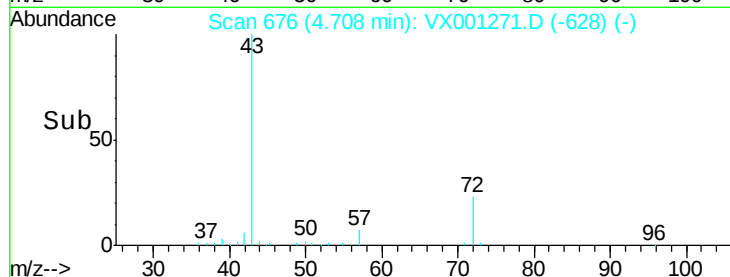
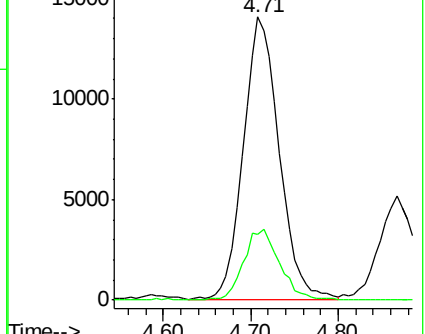
43 100

72 23.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.68 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001271.D

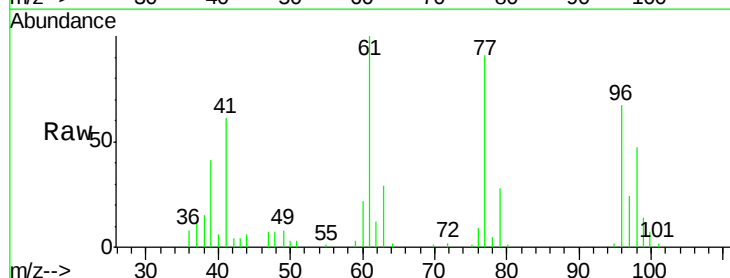
Acq: 01 May 2018 11:28

Tgt Ion: 77 Resp: 13546

Ion Ratio Lower Upper

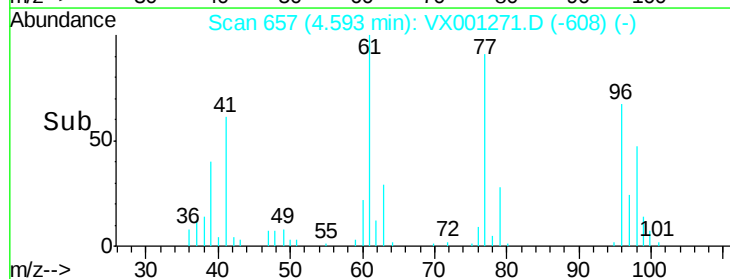
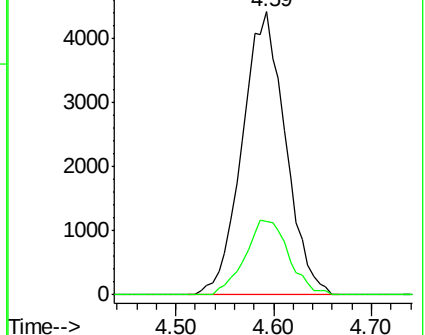
77 100

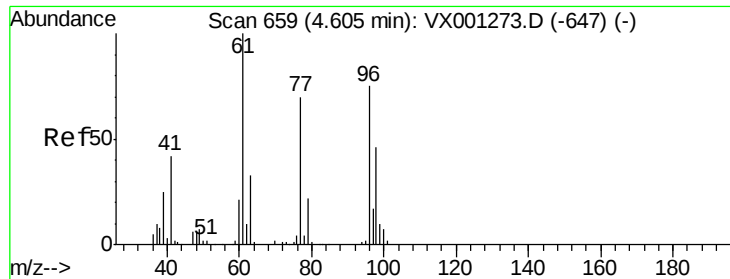
97 26.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 5.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

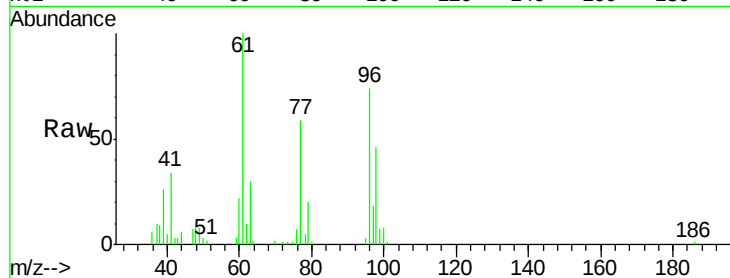
Tgt Ion: 96 Resp: 11505

Ion Ratio Lower Upper

96 100

61 142.4 0.0 288.0

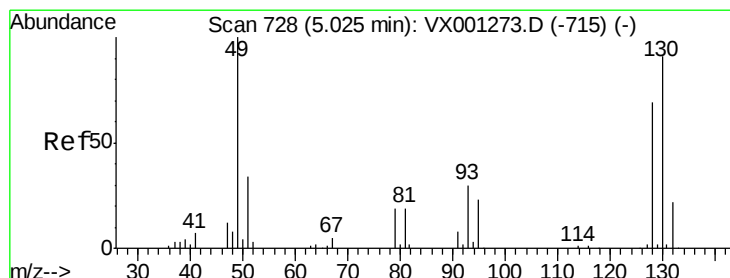
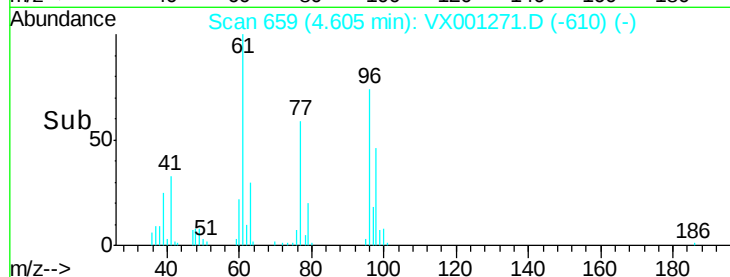
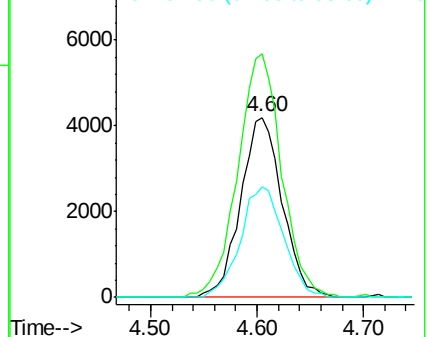
98 64.0 0.0 130.2



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



#28

Bromochloromethane

Concen: 4.12 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

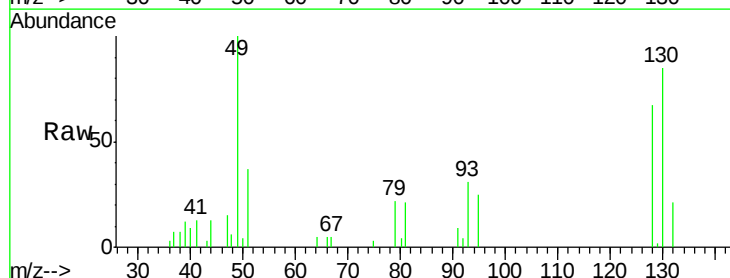
Tgt Ion: 49 Resp: 6762

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

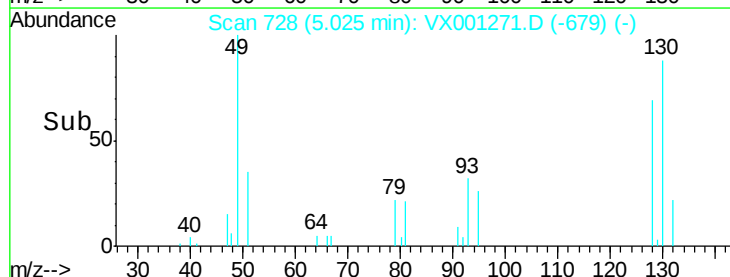
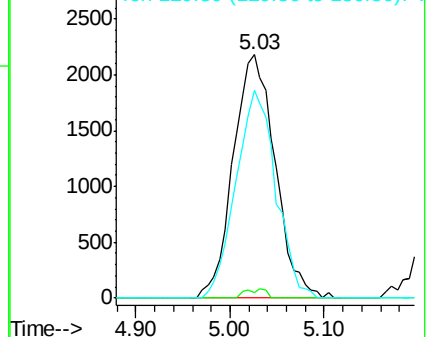
130 81.6 70.4 105.6

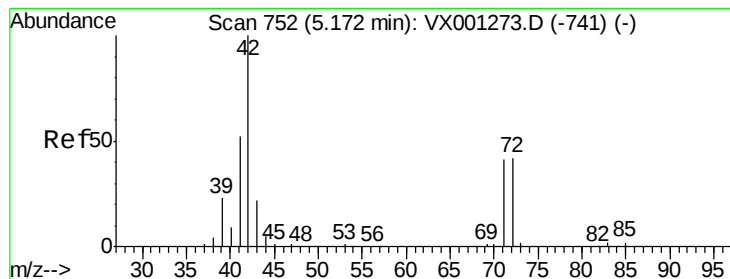


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 21.27 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

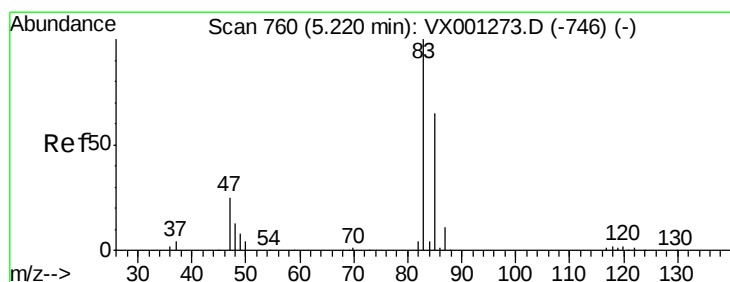
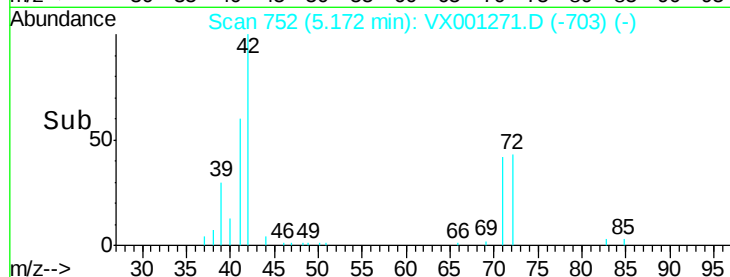
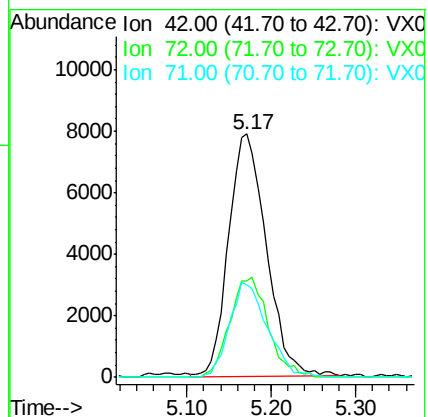
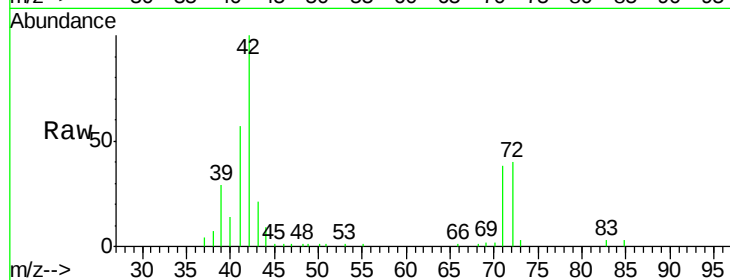
Tgt Ion: 42 Resp: 23966

Ion Ratio Lower Upper

42 100

72 41.8 34.6 52.0

71 39.3 32.7 49.1



#30

Chloroform

Concen: 4.80 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001271.D

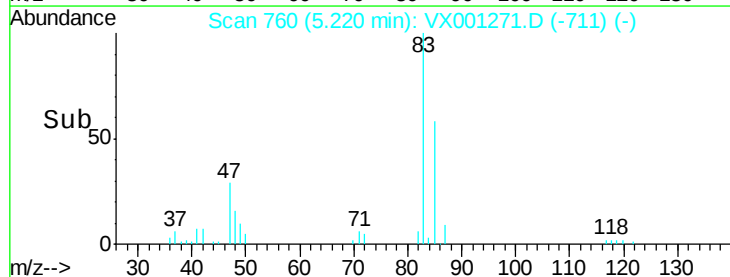
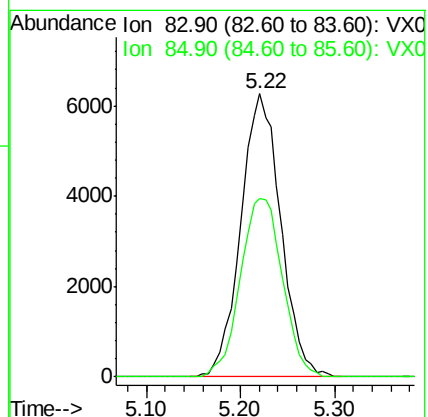
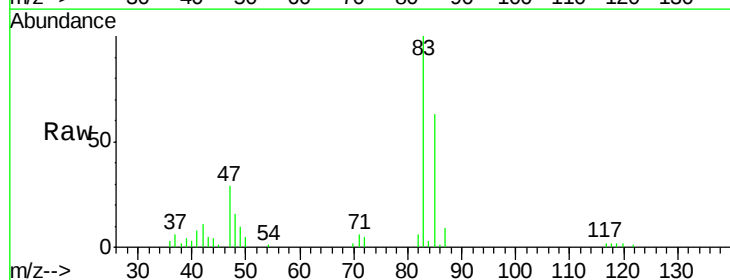
Acq: 01 May 2018 11:28

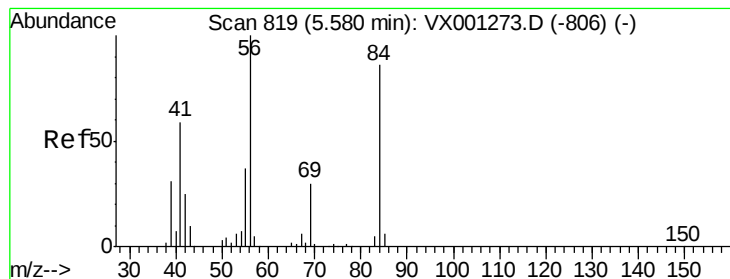
Tgt Ion: 83 Resp: 18569

Ion Ratio Lower Upper

83 100

85 62.8 52.2 78.2





#31

Cyclohexane

Concen: 5.15 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

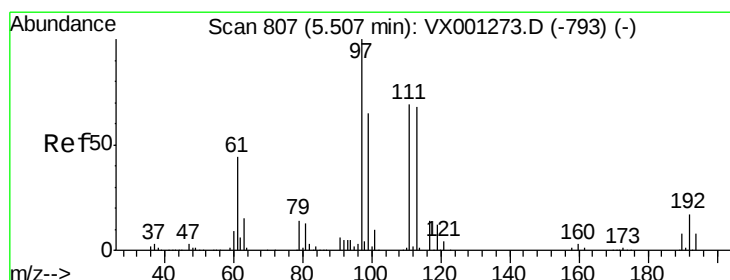
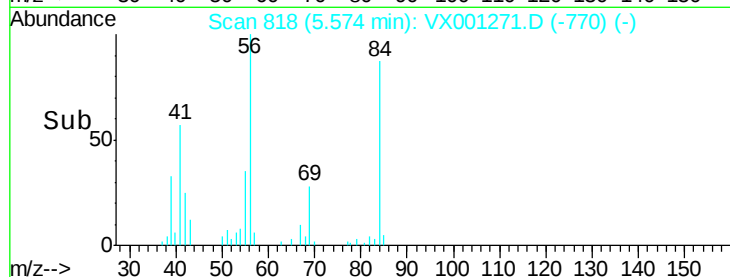
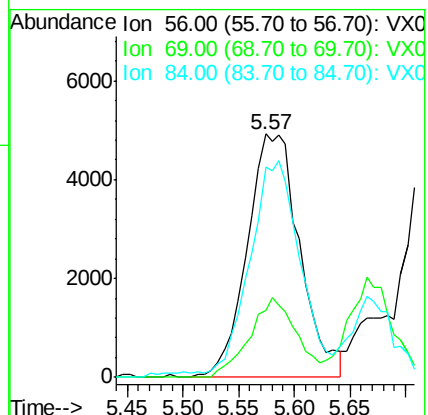
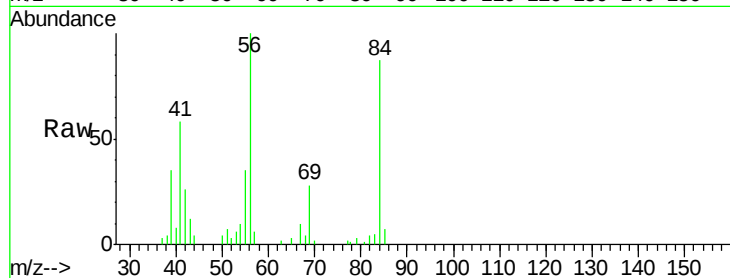
Tgt Ion: 56 Resp: 16165

Ion Ratio Lower Upper

56 100

69 27.6 24.0 36.0

84 84.9 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 4.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

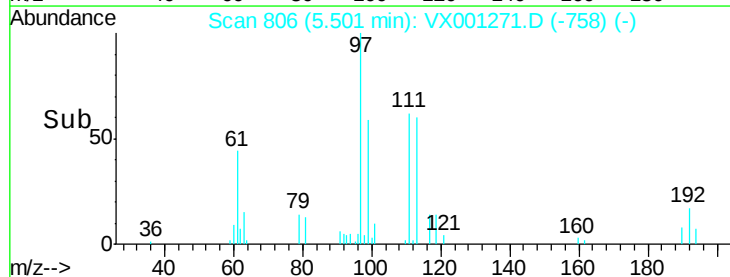
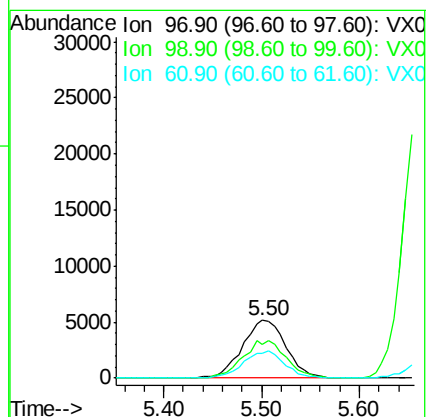
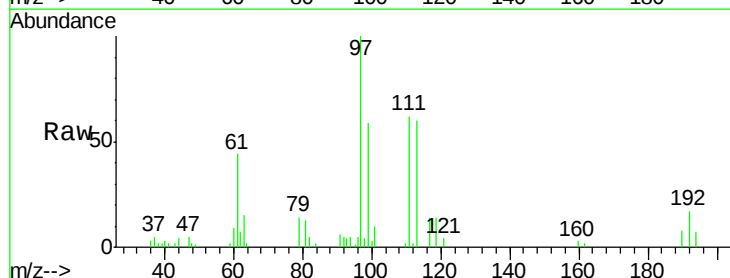
Tgt Ion: 97 Resp: 15871

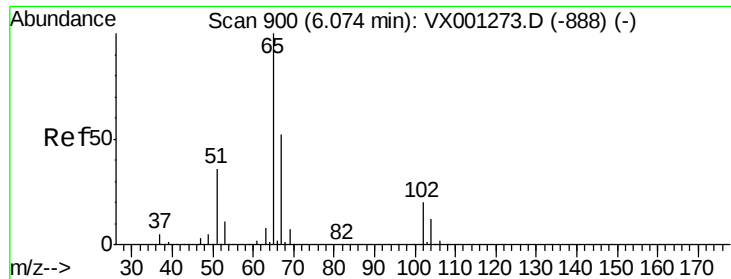
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 44.6 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 4.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampled :

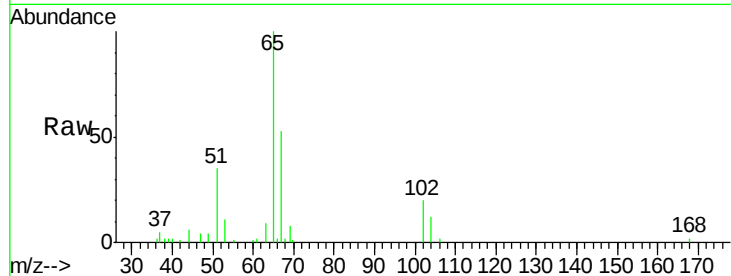
VSTDIC005

Tgt Ion: 65 Resp: 12480

Ion Ratio Lower Upper

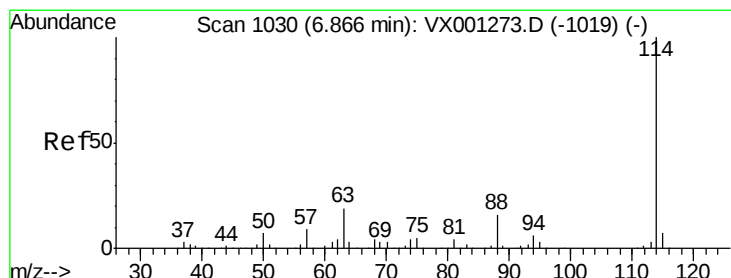
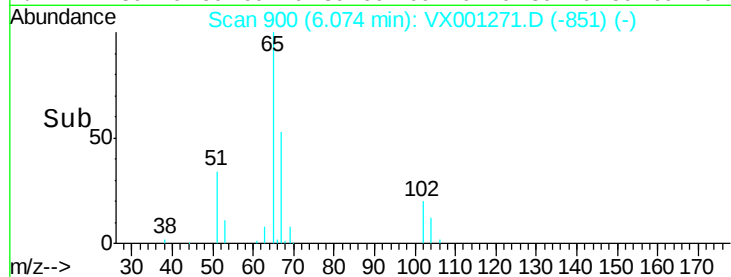
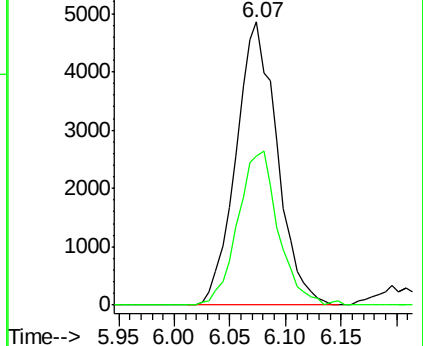
65 100

67 53.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

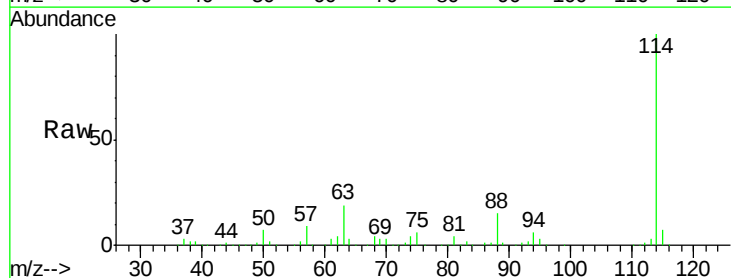
Tgt Ion: 114 Resp: 256009

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

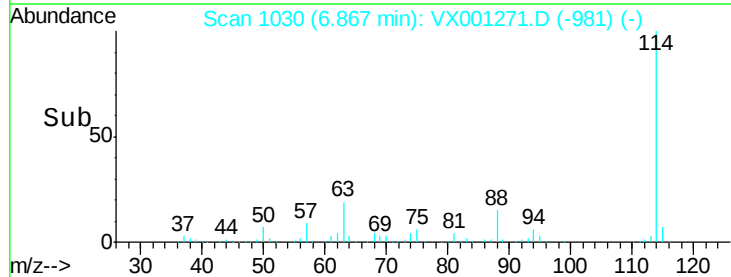
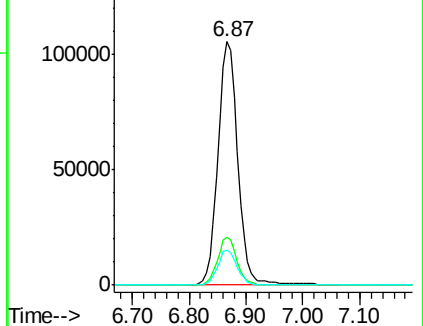
88 14.6 0.0 32.2

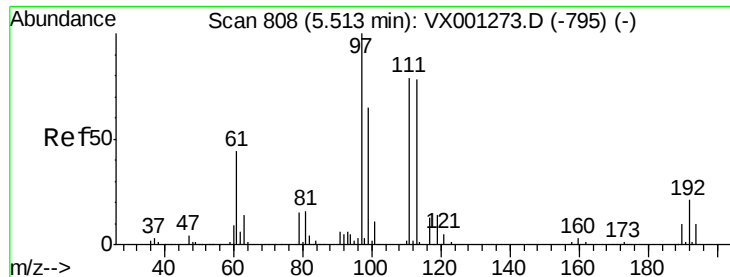


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 4.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

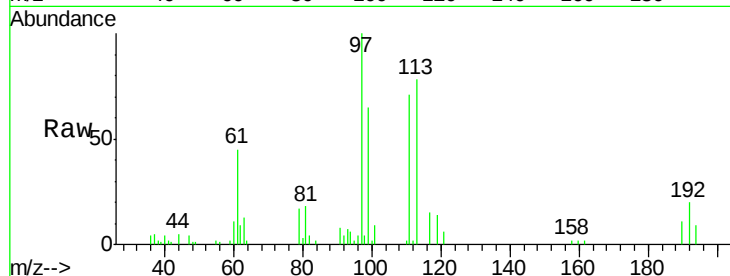
Tgt Ion:113 Resp: 9977

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

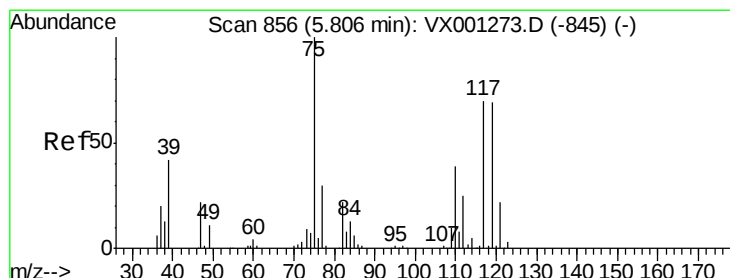
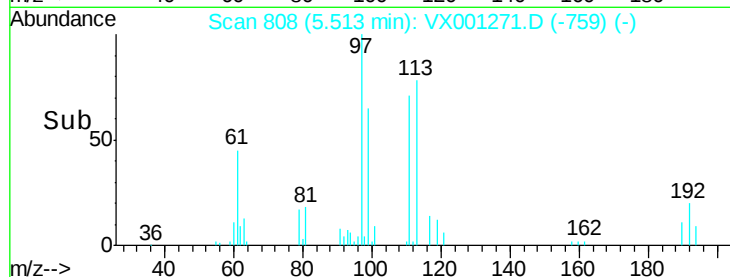
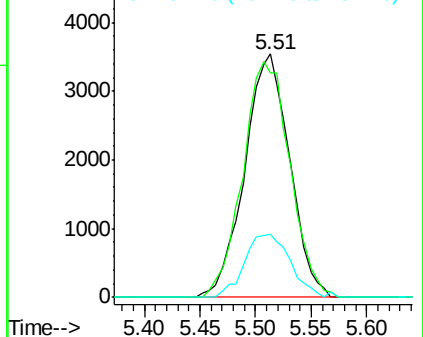
192 26.2 20.7 31.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

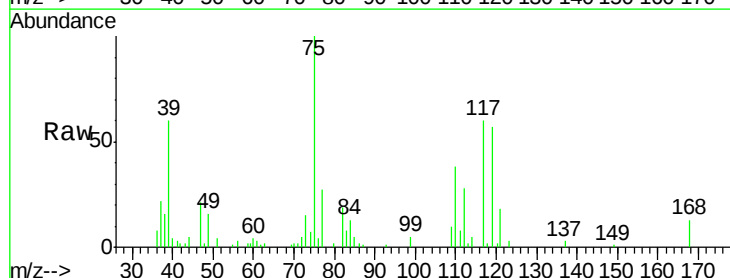
Tgt Ion: 75 Resp: 14093

Ion Ratio Lower Upper

75 100

110 37.8 18.9 56.9

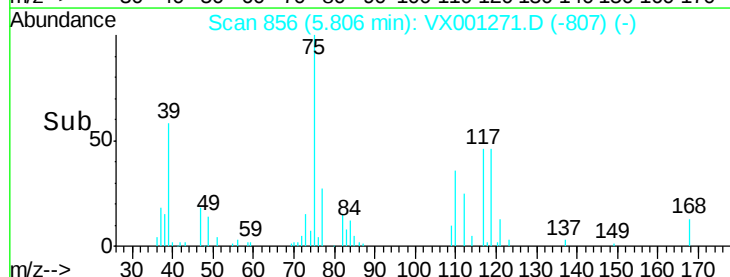
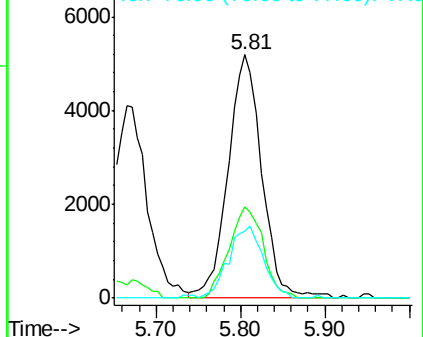
77 30.2 24.2 36.2

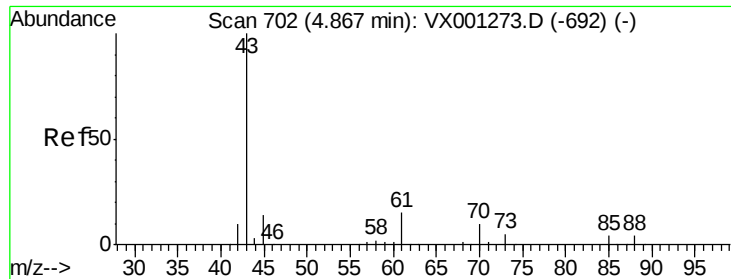


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

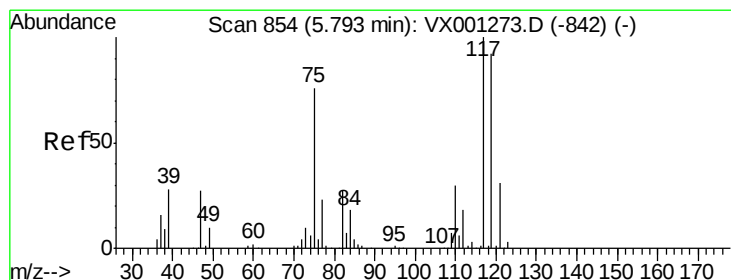
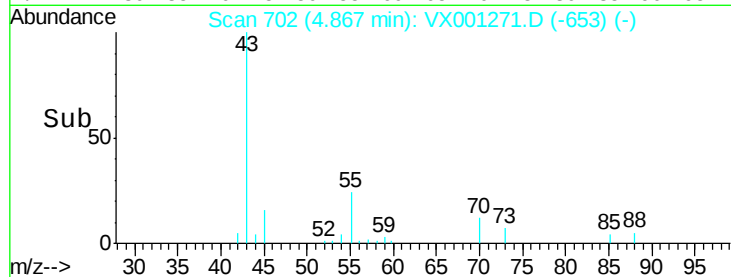
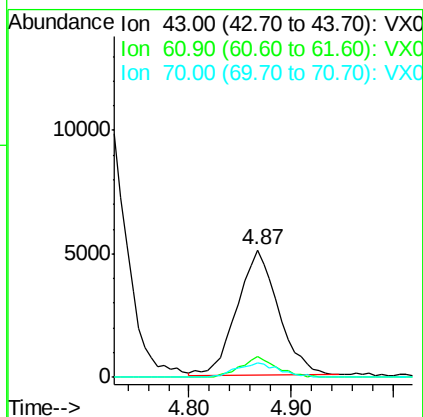
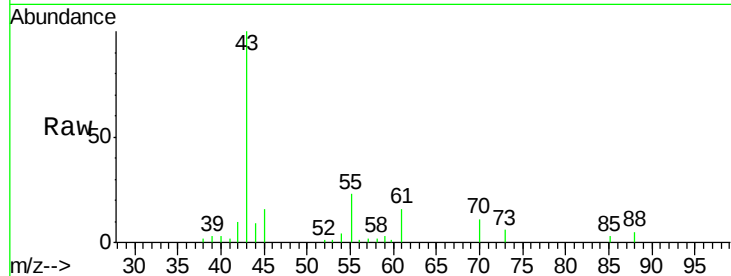




#37
Ethyl Acetate
Concen: 4.28 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

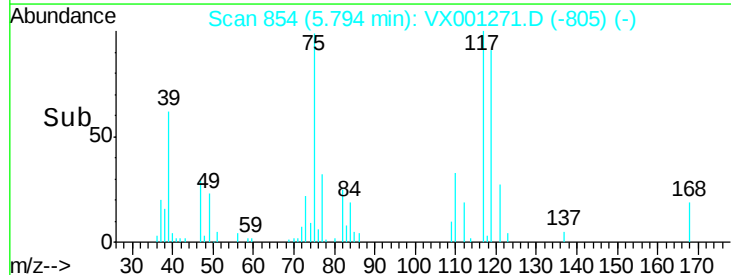
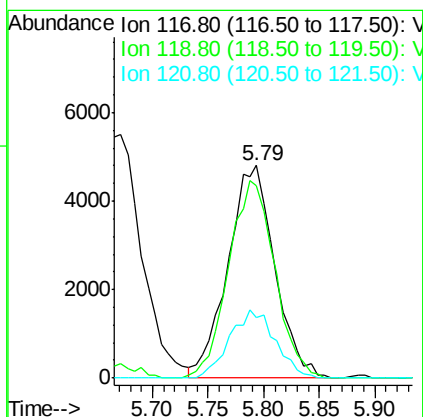
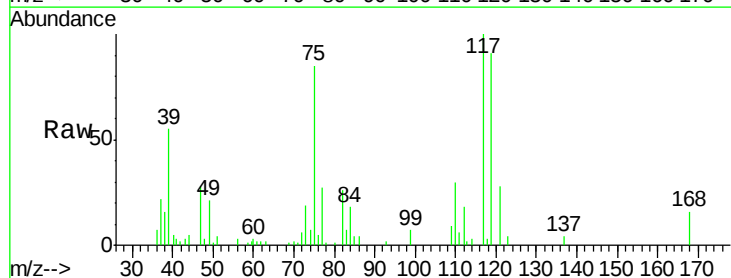
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 43 Resp: 14223
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 12.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 4.78 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 117 Resp: 14024
Ion Ratio Lower Upper
117 100
119 90.6 73.4 110.2
121 28.3 25.0 37.4

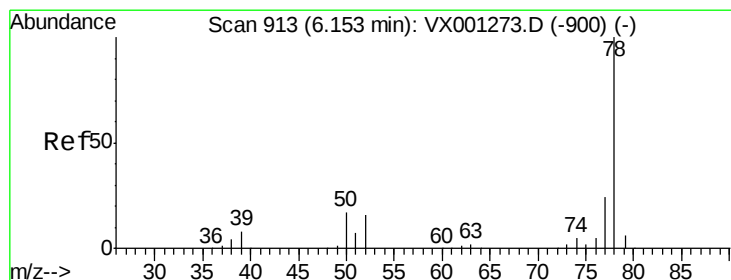
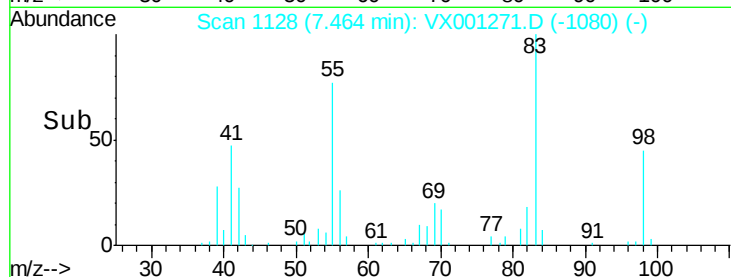
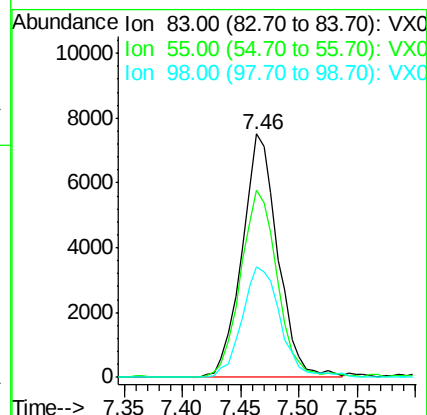
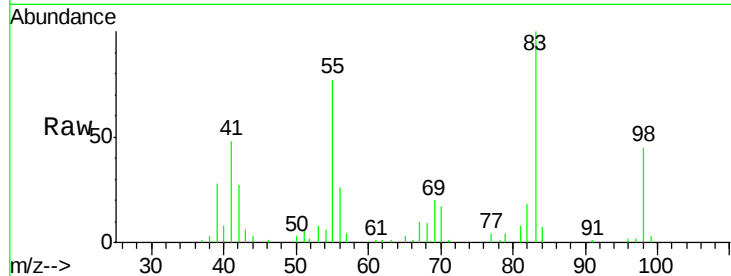




#39
Methylcyclohexane
Concen: 5.04 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

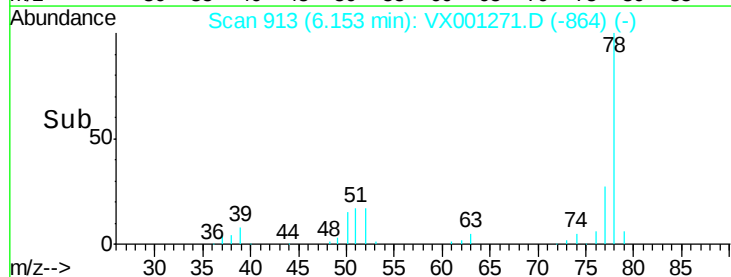
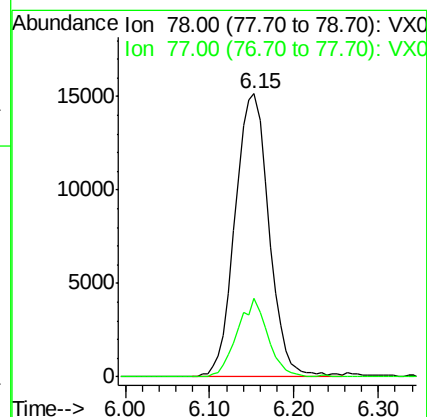
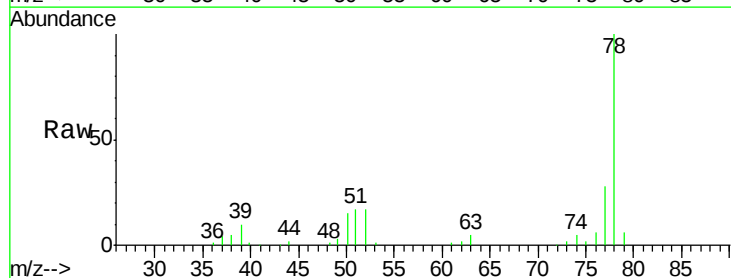
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

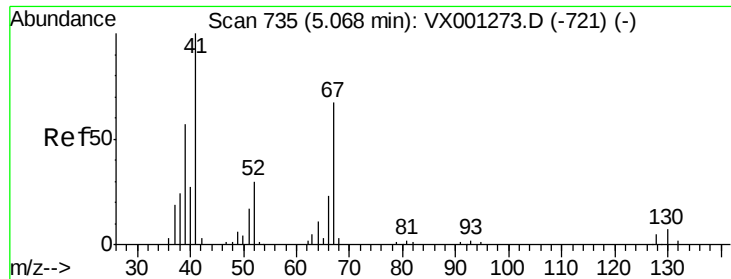
Tgt Ion: 83 Resp: 16105
Ion Ratio Lower Upper
83 100
55 76.7 60.4 90.6
98 45.1 37.0 55.6



#40
Benzene
Concen: 5.06 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 78 Resp: 41466
Ion Ratio Lower Upper
78 100
77 27.7 19.0 28.4

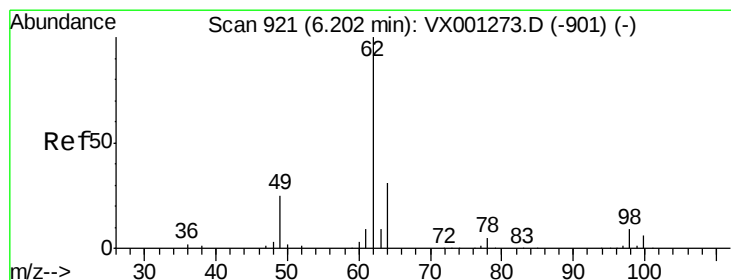
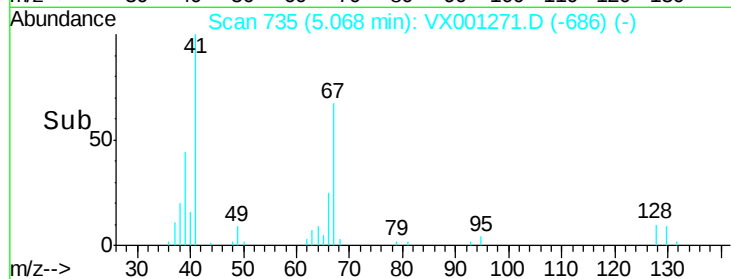
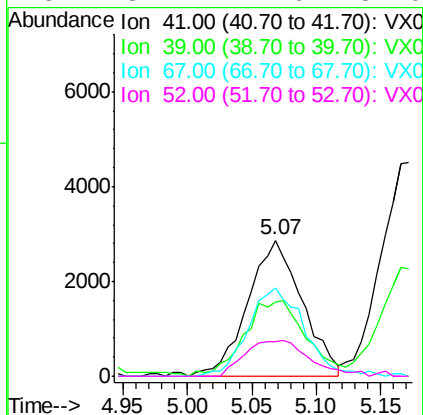
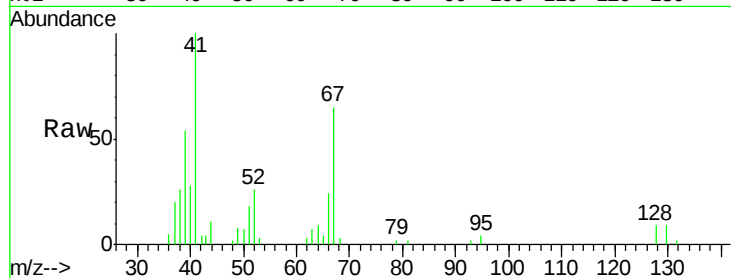




#41
Methacrylonitrile
Concen: 4.51 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

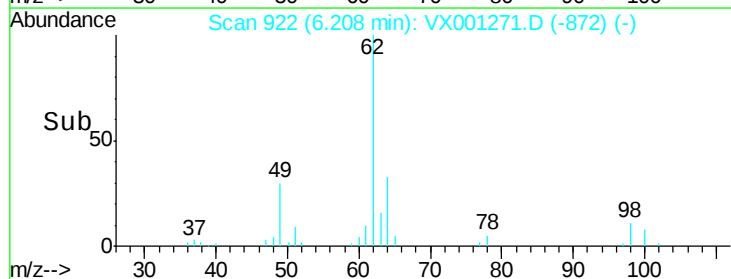
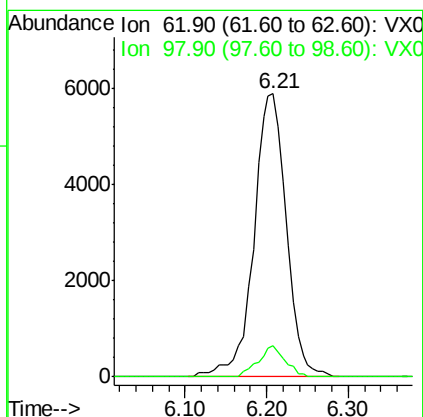
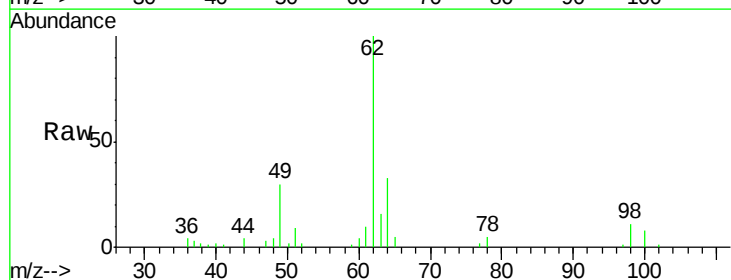
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

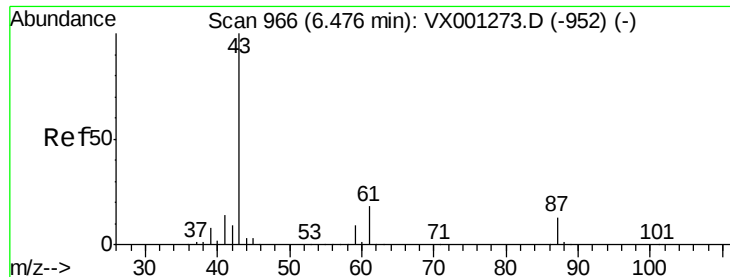
Tgt Ion:	41	Resp:	8414
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.8	68.8
67	67.1	54.8	82.2
52	31.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 4.99 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion:	62	Resp:	16324
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.2





#43

Isopropyl Acetate

Concen: 4.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

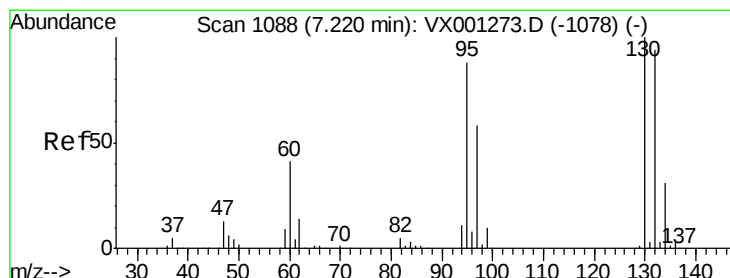
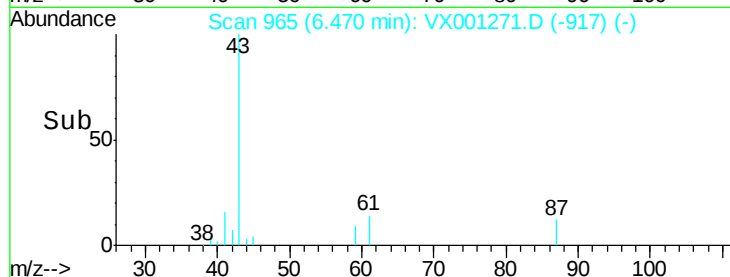
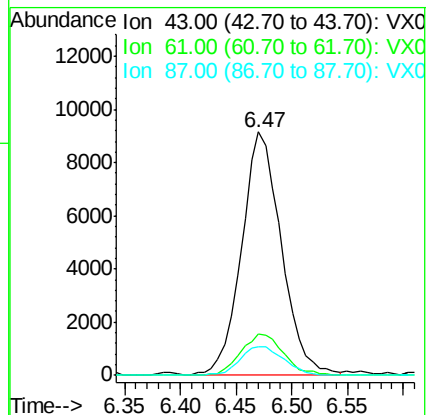
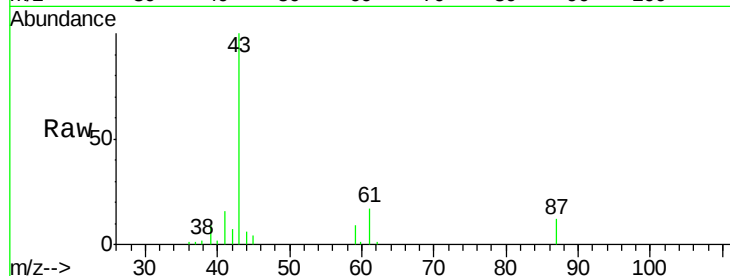
Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

43 100

61 18.2 15.0 22.4

87 13.0 10.2 15.4



#44

Trichloroethene

Concen: 5.16 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001271.D

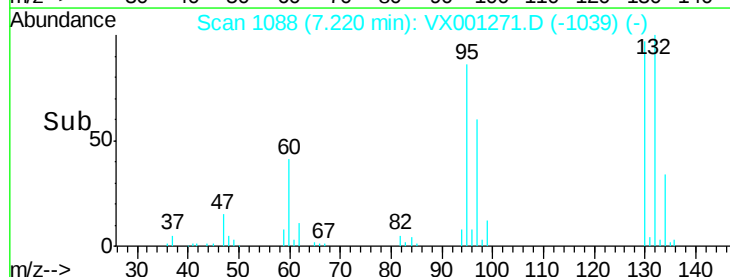
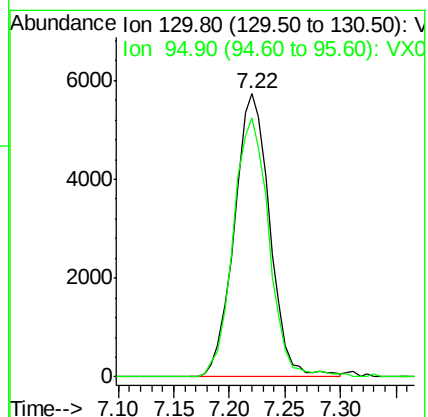
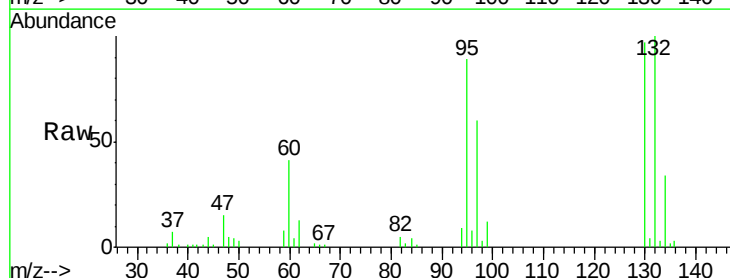
Acq: 01 May 2018 11:28

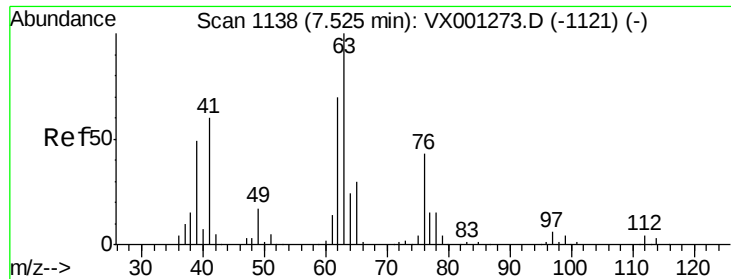
Tgt Ion: 130 Resp: 12674

Ion Ratio Lower Upper

130 100

95 91.4 0.0 176.0

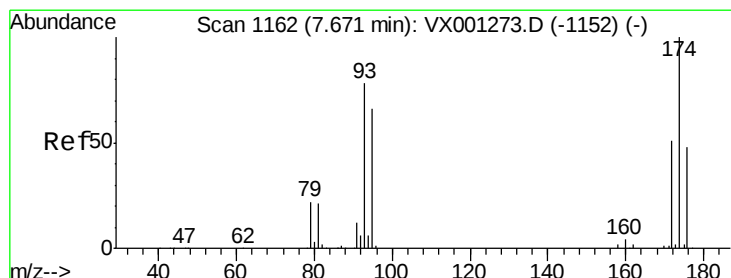
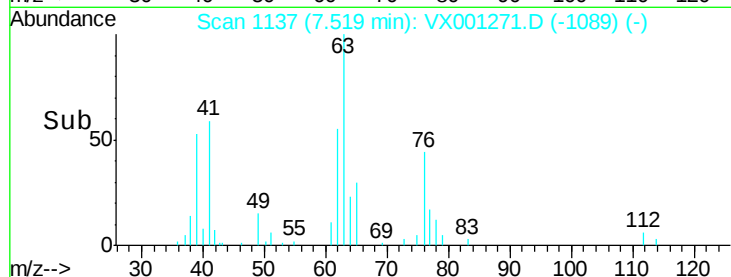
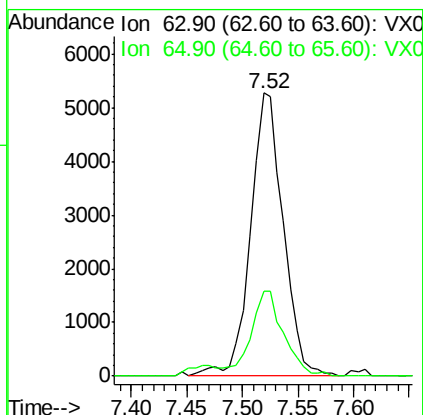
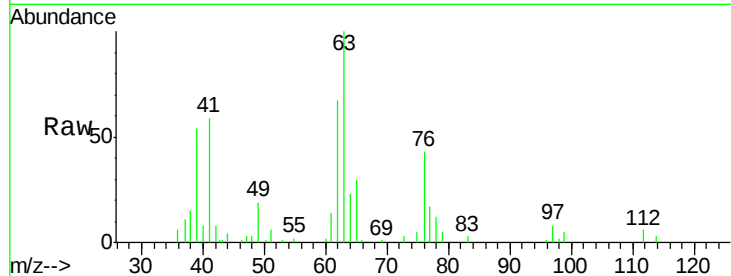




#45
 1,2-Dichloropropane
 Concen: 5.03 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

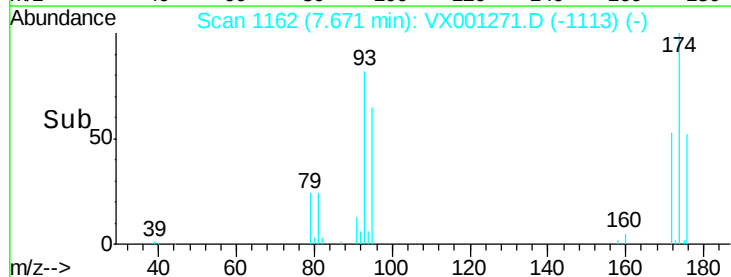
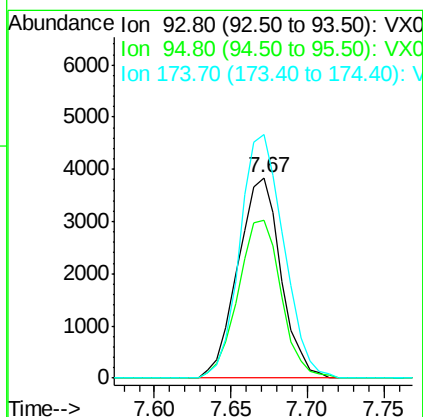
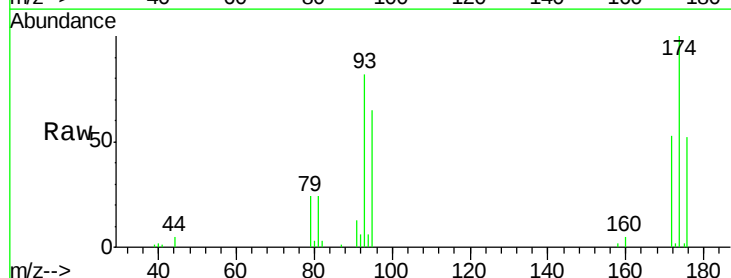
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

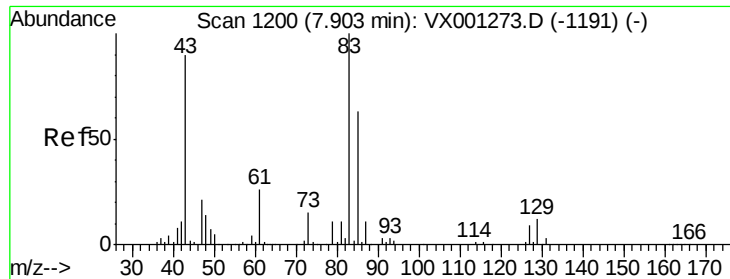
Tgt Ion: 63 Resp: 10790
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4



#46
 Dibromomethane
 Concen: 5.05 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion: 93 Resp: 7510
 Ion Ratio Lower Upper
 93 100
 95 79.0 67.0 100.6
 174 123.7 102.3 153.5





#47

Bromodichloromethane

Concen: 4.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

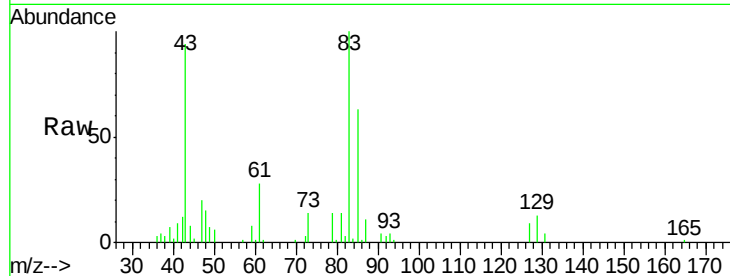
Tgt Ion: 83 Resp: 12075

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5

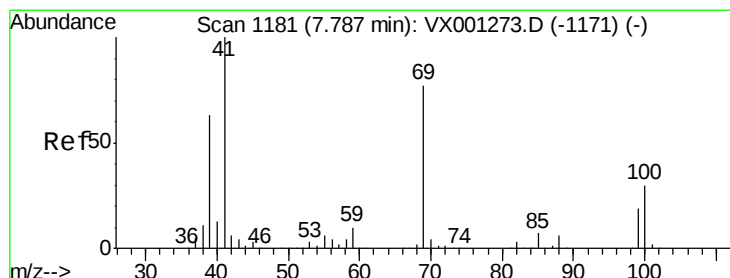
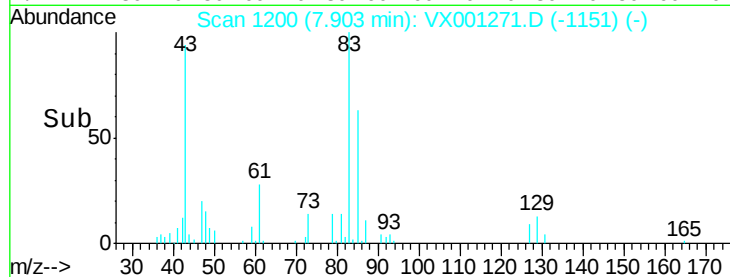
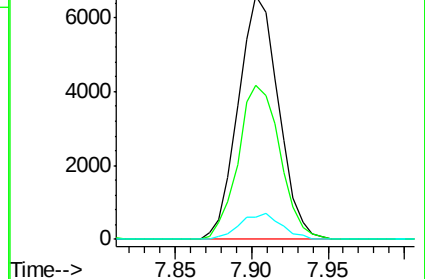
127 8.9 7.4 11.2



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: 4.32 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

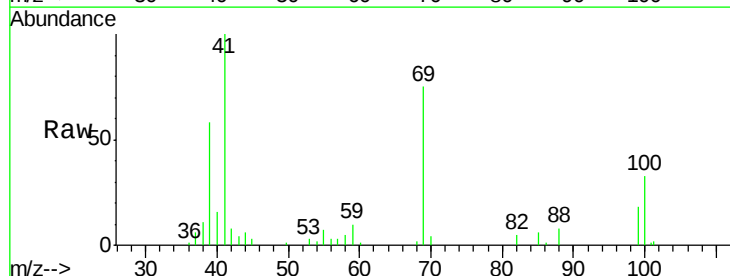
Tgt Ion: 41 Resp: 12008

Ion Ratio Lower Upper

41 100

69 77.2 63.0 94.6

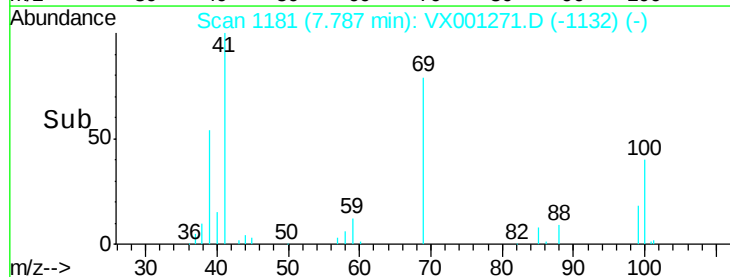
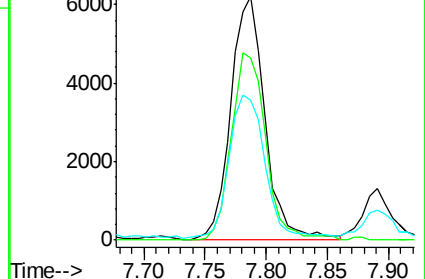
39 61.6 50.2 75.4

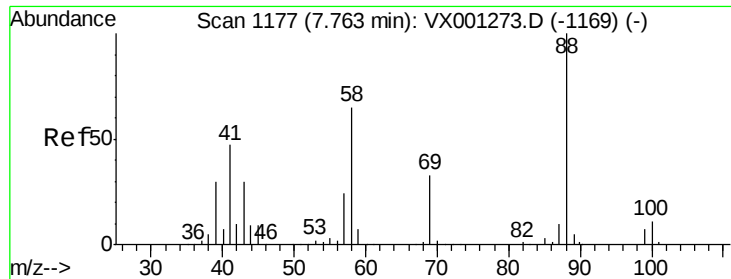


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

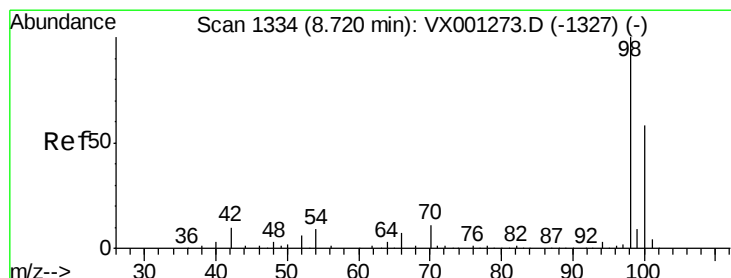
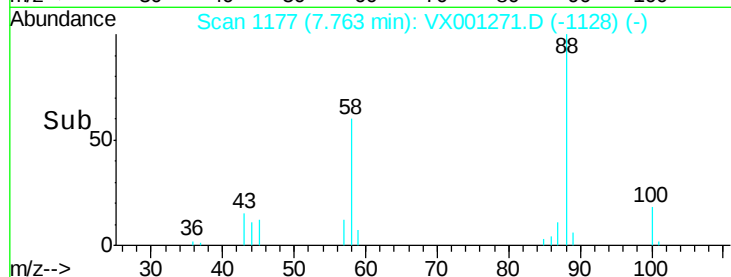
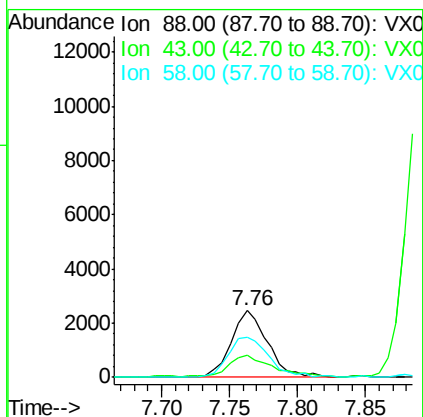
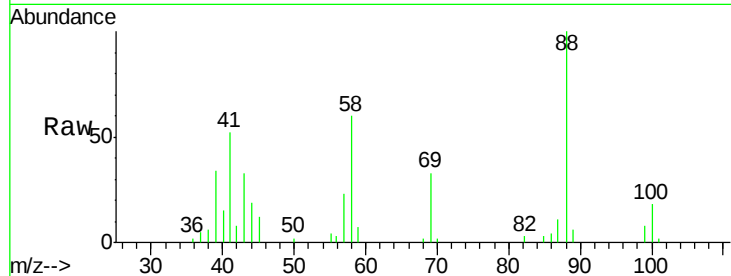




#49
1,4-Dioxane
Concen: 82.73 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

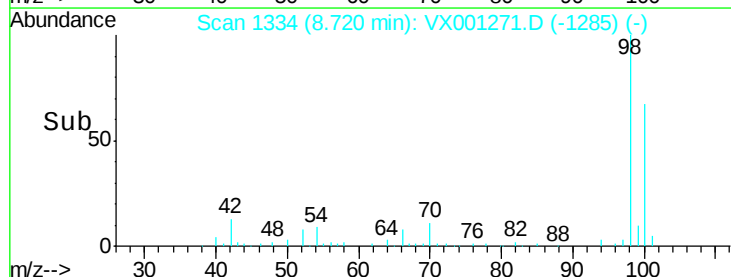
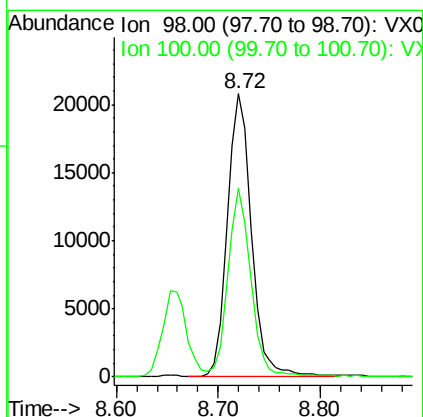
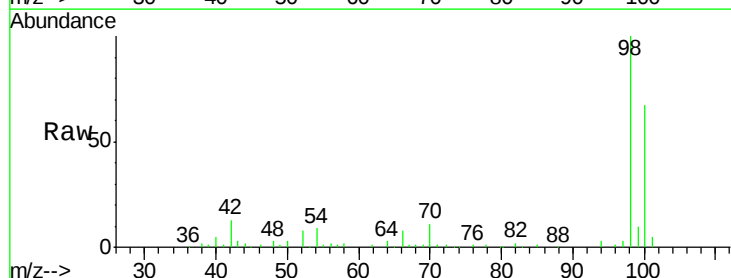
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

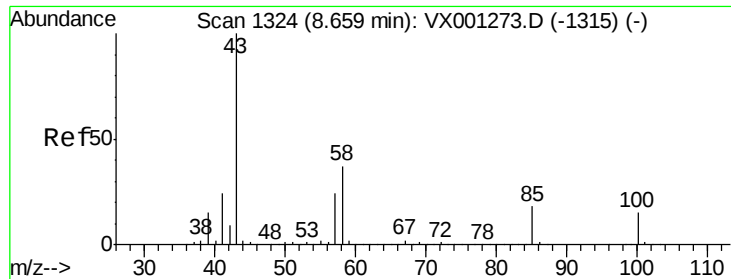
Tgt Ion: 88 Resp: 4553
Ion Ratio Lower Upper
88 100
43 42.0 27.9 41.9#
58 68.9 54.2 81.2



#50
Toluene-d8
Concen: 4.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 98 Resp: 33979
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.4

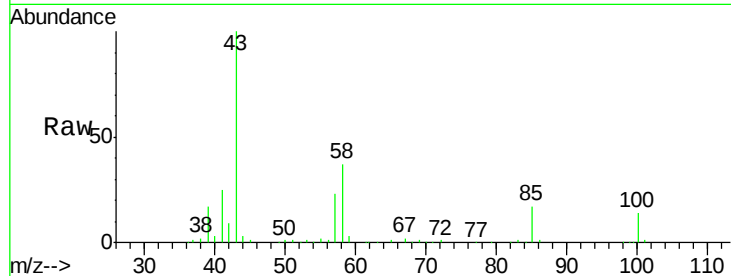




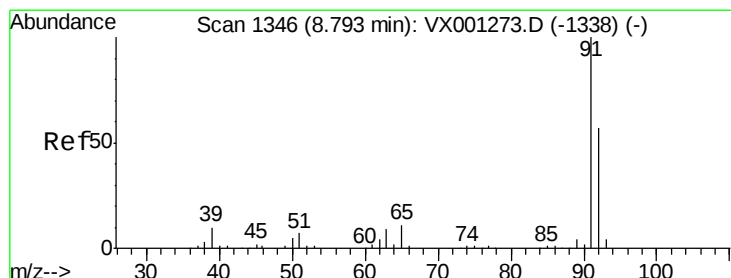
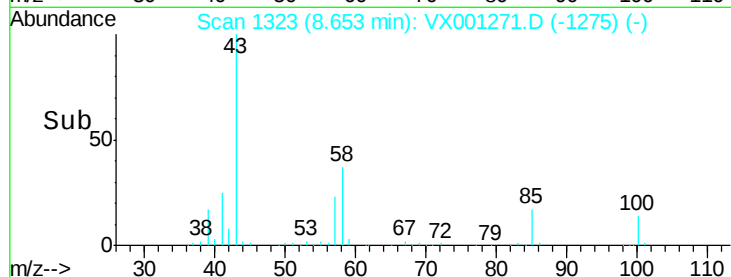
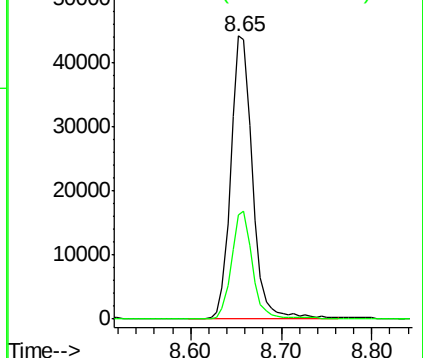
#51
4-Methyl-2-Pentanone
Concen: 21.69 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 74477
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.6

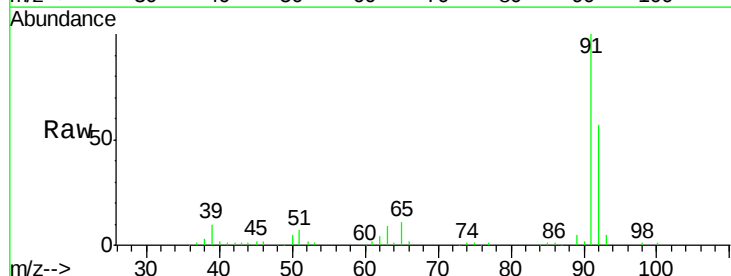


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

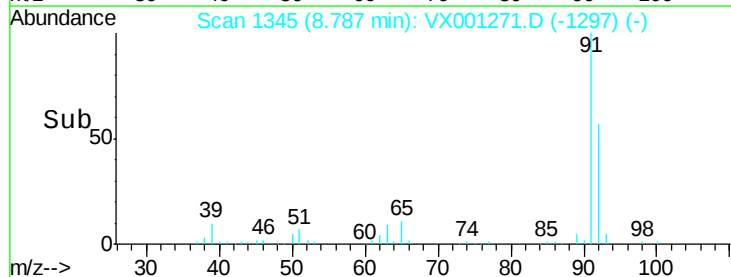
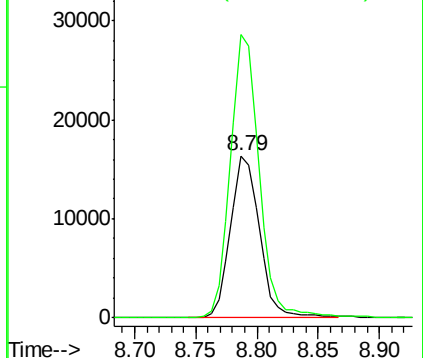


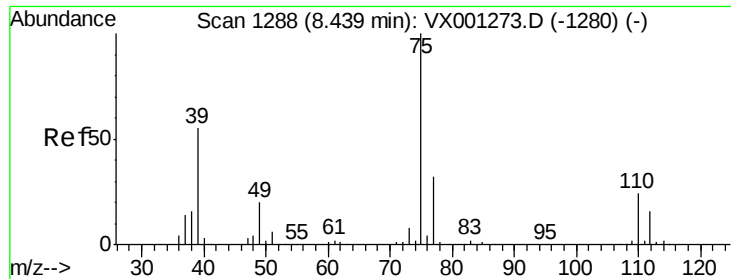
#52
Toluene
Concen: 5.01 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 92 Resp: 26898
Ion Ratio Lower Upper
92 100
91 174.4 139.0 208.6



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: 4.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

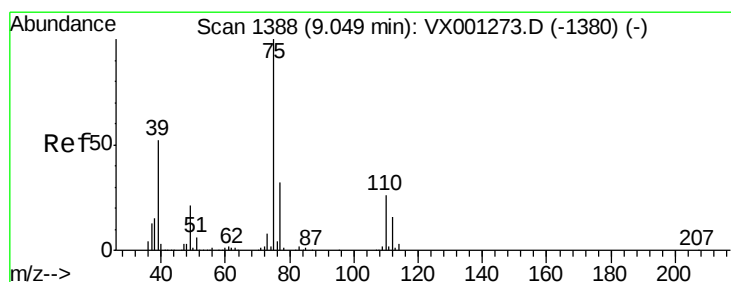
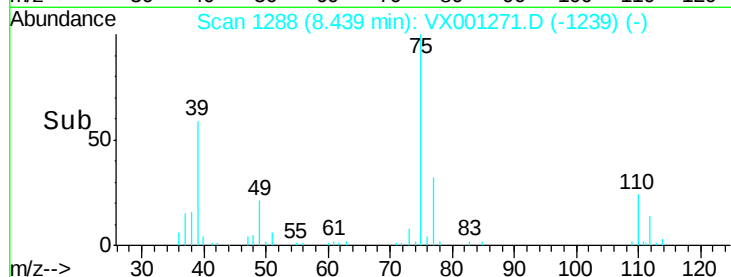
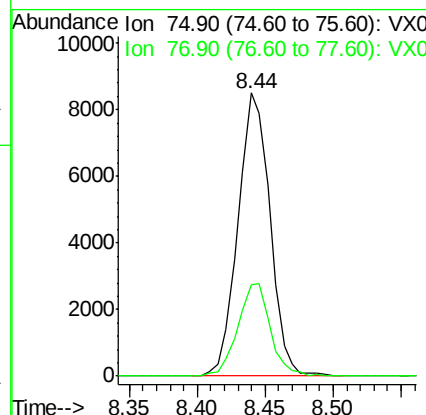
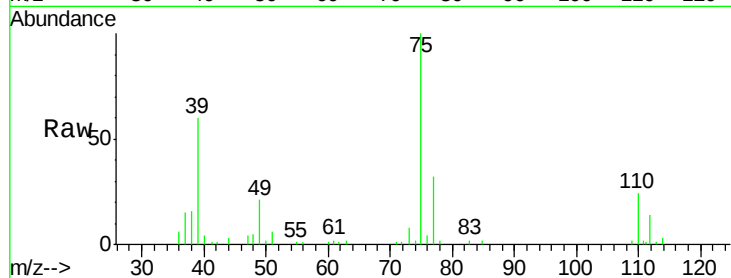
VSTDIC005

Tgt Ion: 75 Resp: 13903

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 4.22 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

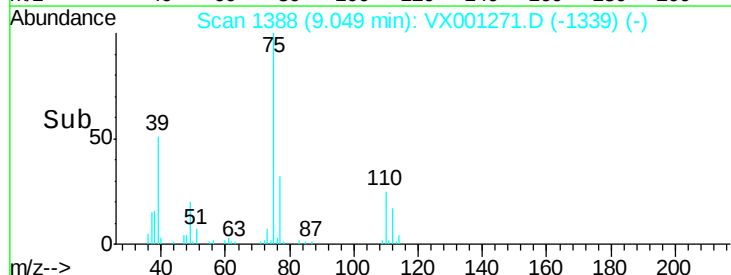
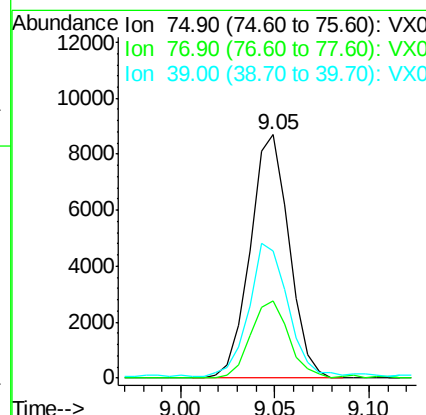
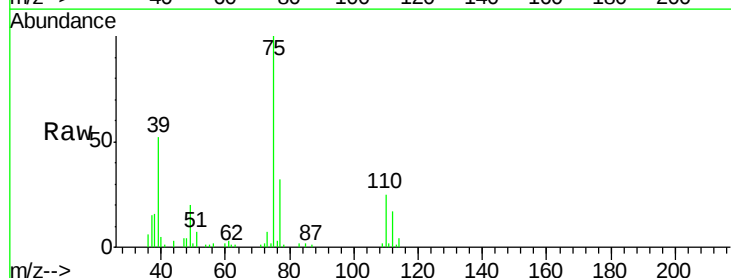
Tgt Ion: 75 Resp: 12422

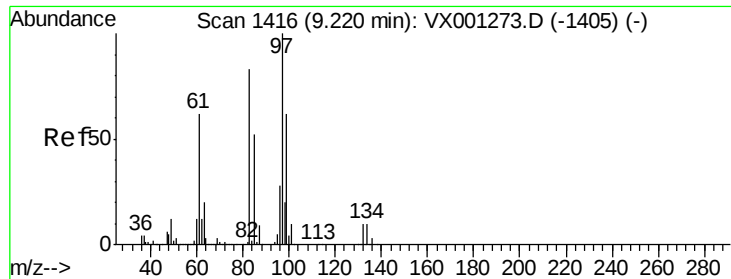
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 51.6 41.9 62.9

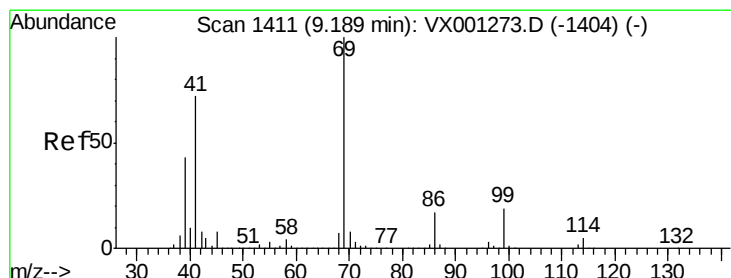
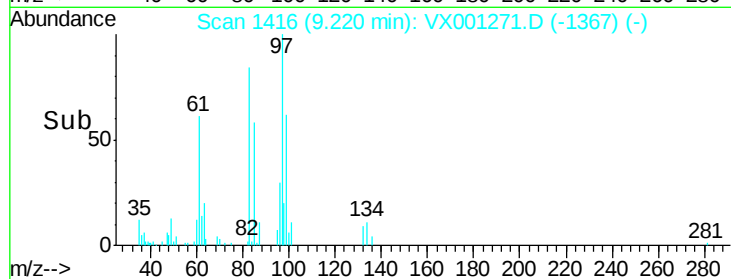
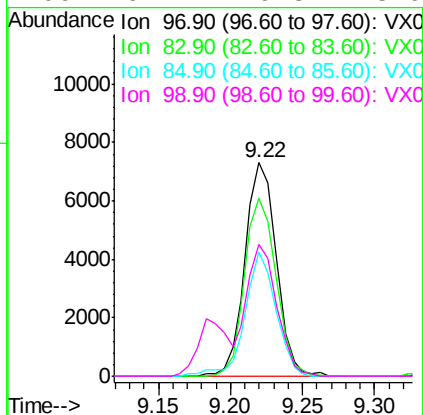
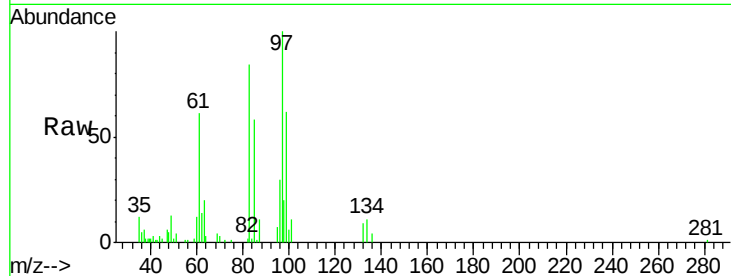




#55
 1,1,2-Trichloroethane
 Concen: 4.88 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

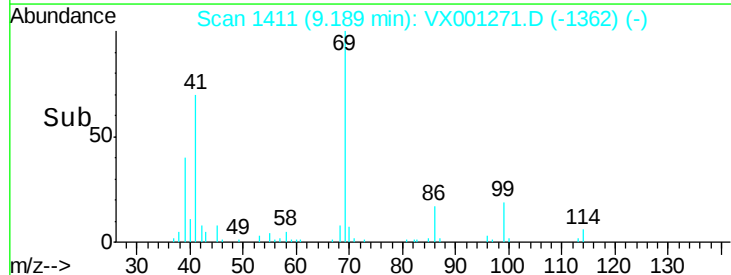
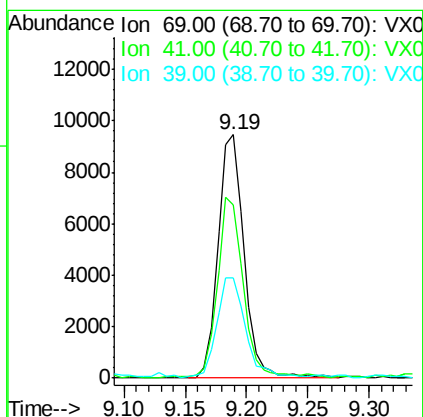
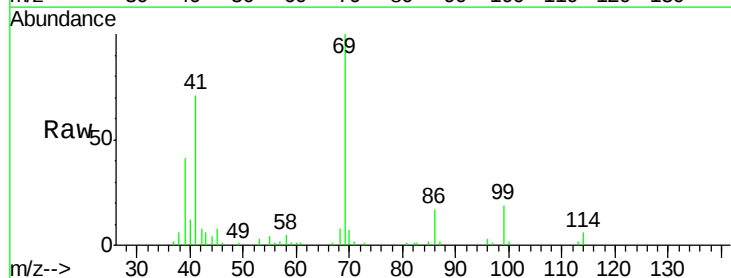
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

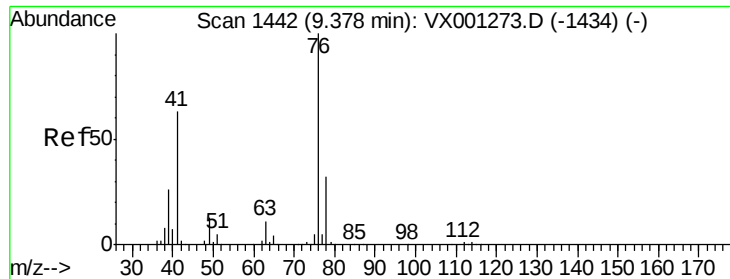
Tgt Ion:	97	Resp:	11016
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.4	99.6
85	58.0	41.6	62.4
99	61.7	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 4.24 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion:	69	Resp:	14043
Ion	Ratio	Lower	Upper
69	100		
41	75.5	57.2	85.8
39	46.1	34.3	51.5





#57

1,3-Dichloropropane

Concen: 4.85 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

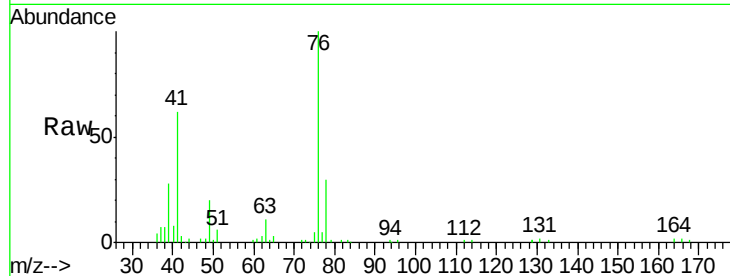
VSTDIC005

Tgt Ion: 76 Resp: 17695

Ion Ratio Lower Upper

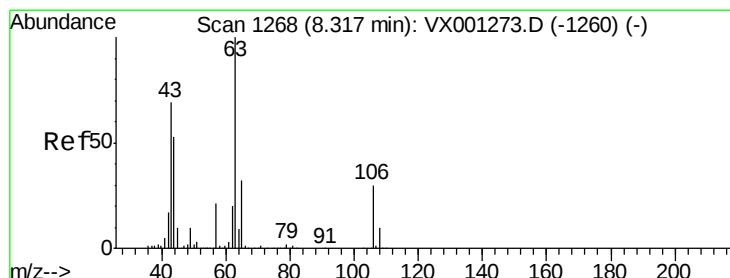
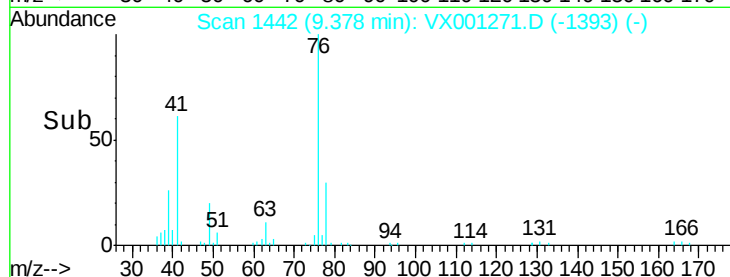
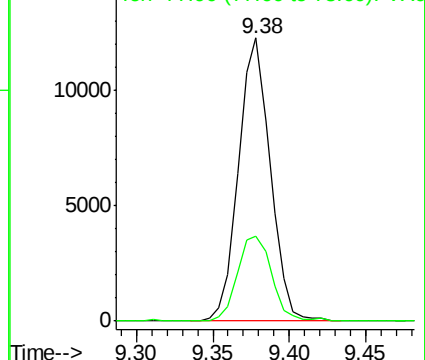
76 100

78 32.2 25.6 38.4



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: 21.32 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001271.D

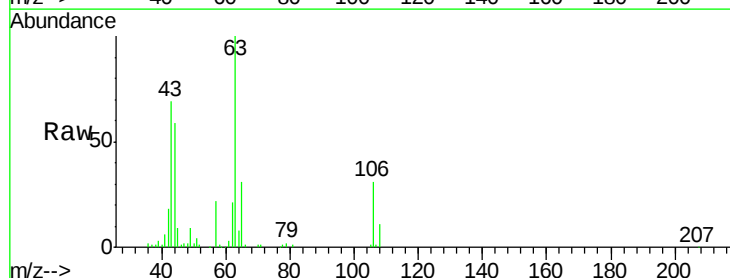
Acq: 01 May 2018 11:28

Tgt Ion: 63 Resp: 33605

Ion Ratio Lower Upper

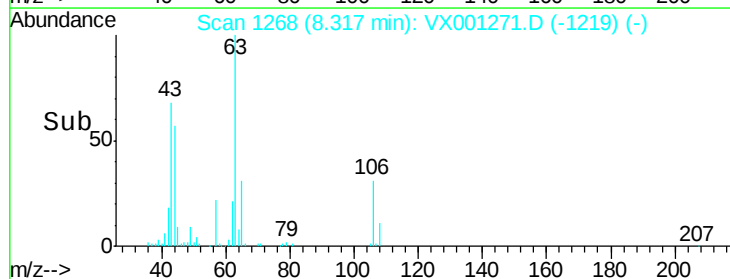
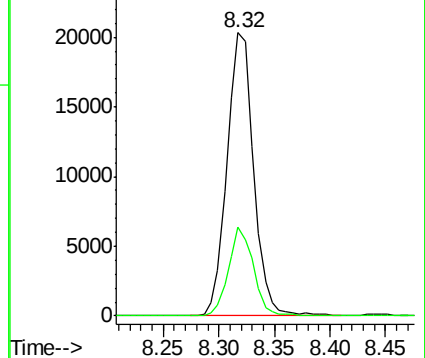
63 100

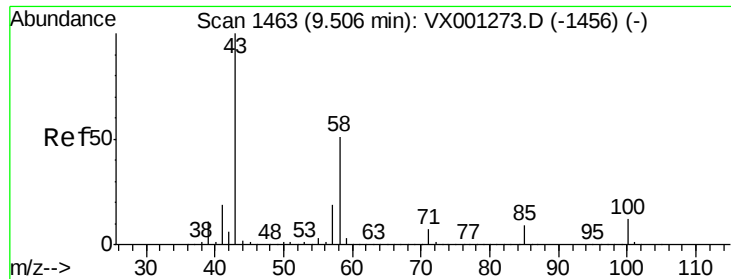
106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 21.16 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

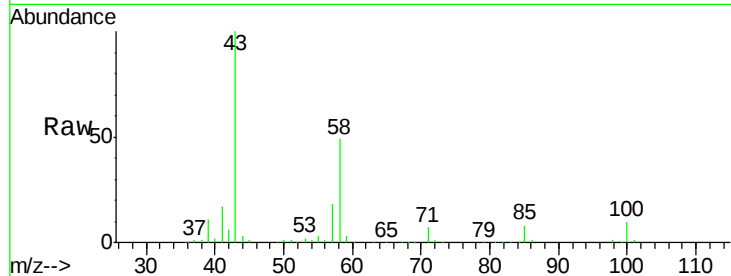
VSTDIC005

Tgt Ion: 43 Resp: 57016

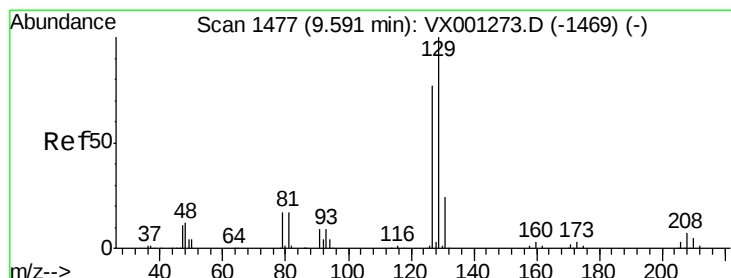
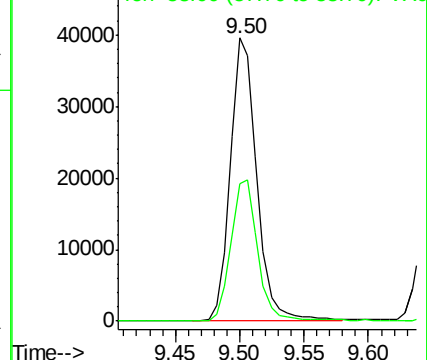
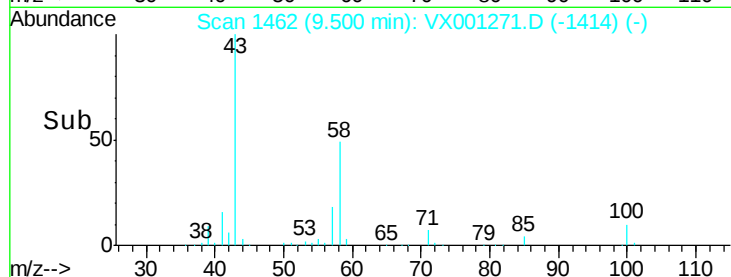
Ion Ratio Lower Upper

43 100

58 51.4 25.7 77.0



Abundance Ion 43.00 (42.70 to 43.70): VX001271.D (-1414) (-)



#60

Dibromochloromethane

Concen: 4.17 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001271.D

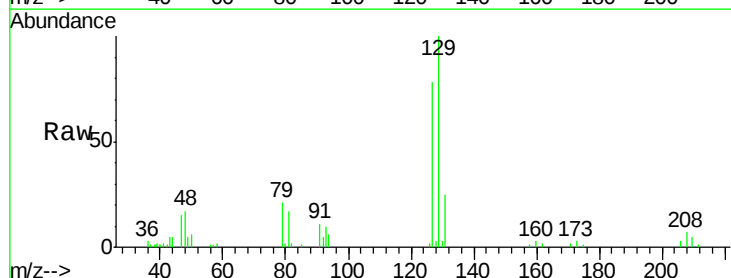
Acq: 01 May 2018 11:28

Tgt Ion: 129 Resp: 9523

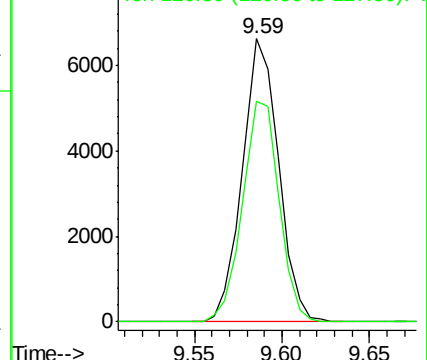
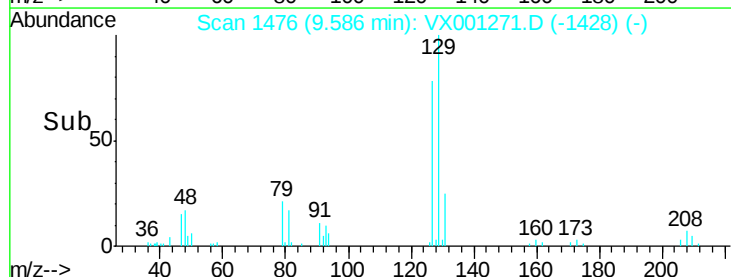
Ion Ratio Lower Upper

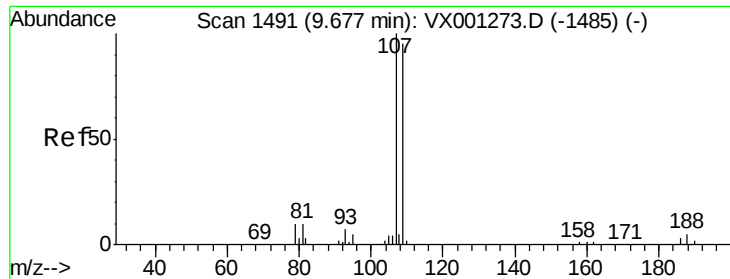
129 100

127 78.7 39.1 117.3



Abundance Ion 128.80 (128.50 to 129.50): VX001271.D (-1428) (-)





#61

1,2-Dibromoethane

Concen: 4.74 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

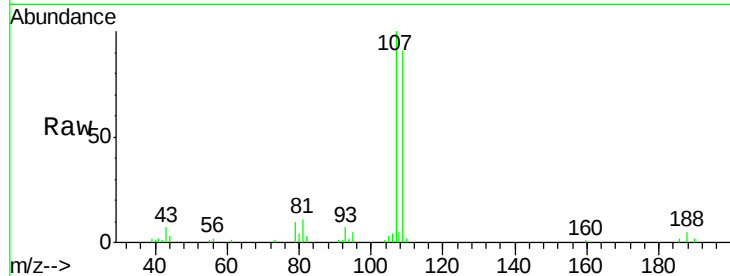
VSTDIC005

Tgt Ion: 107 Resp: 11198

Ion Ratio Lower Upper

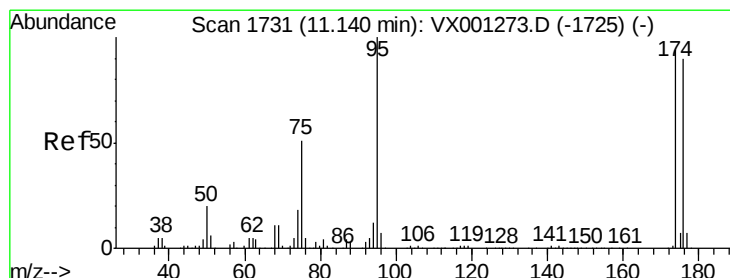
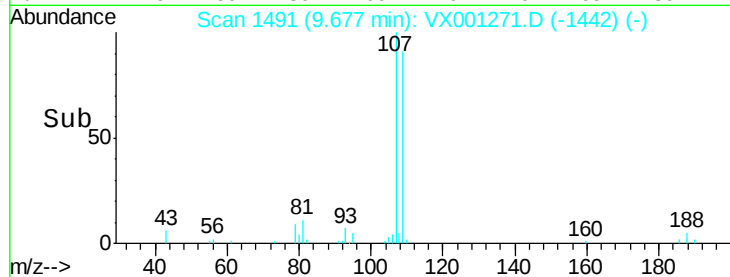
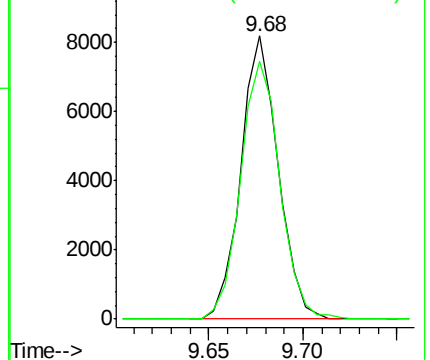
107 100

109 96.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

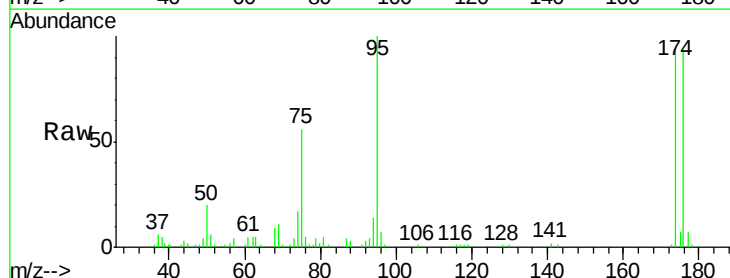
Tgt Ion: 95 Resp: 13412

Ion Ratio Lower Upper

95 100

174 100.8 0.0 201.8

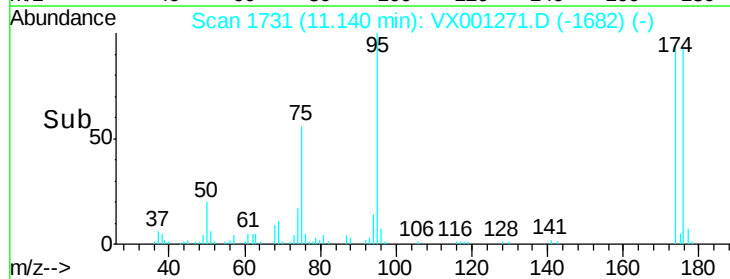
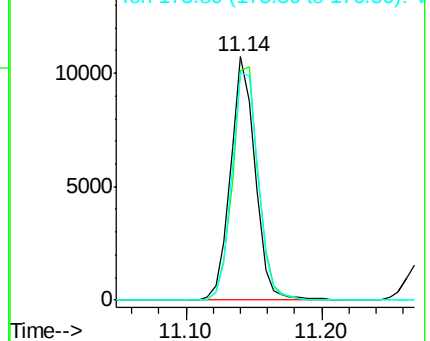
176 100.7 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

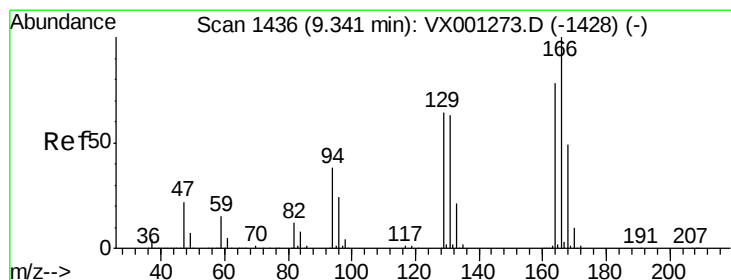
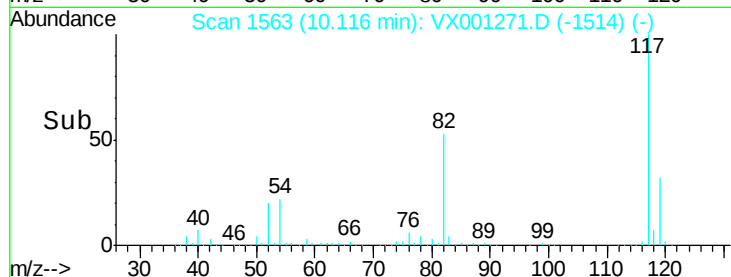
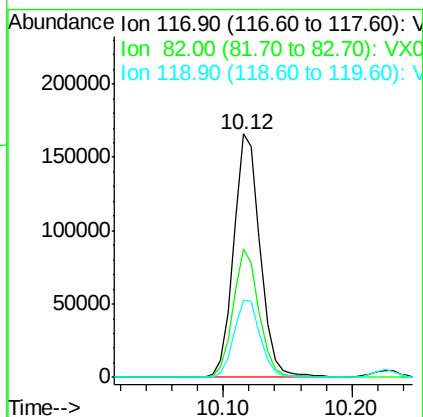
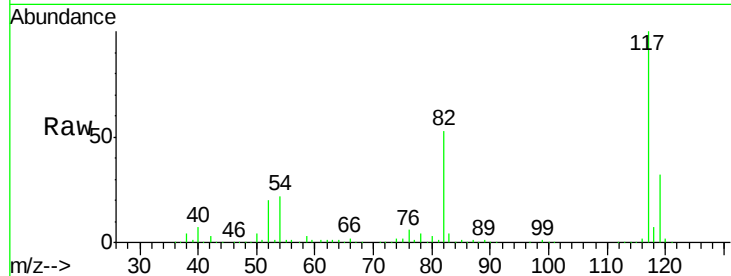




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

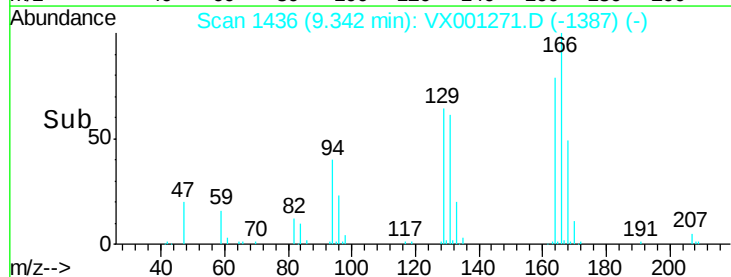
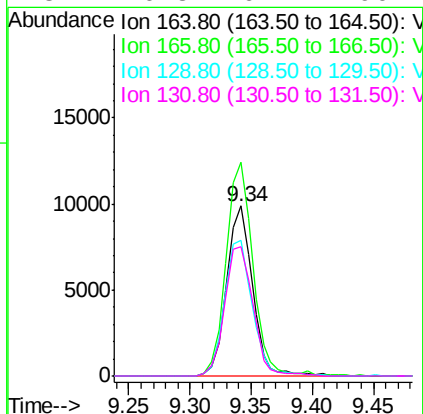
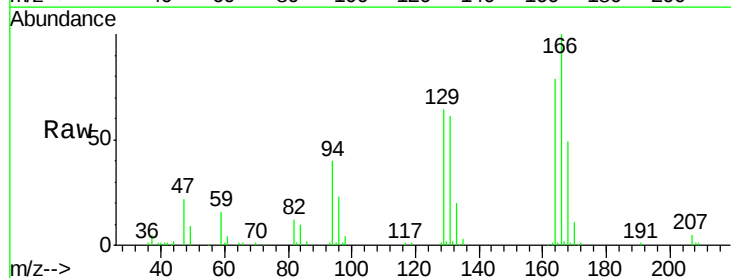
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

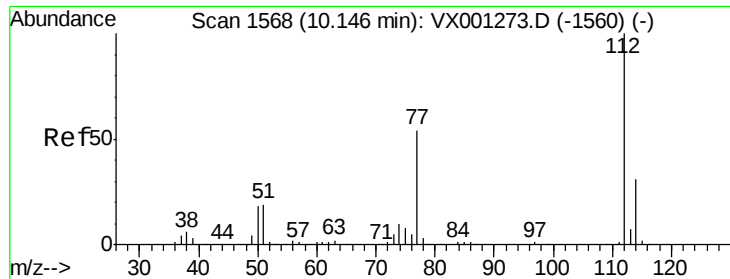
Tgt Ion:117 Resp: 237397
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 5.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion:164 Resp: 14430
Ion Ratio Lower Upper
164 100
166 125.9 102.3 153.5
129 80.2 65.1 97.7
131 76.3 64.2 96.4





#65

Chlorobenzene

Concen: 5.17 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

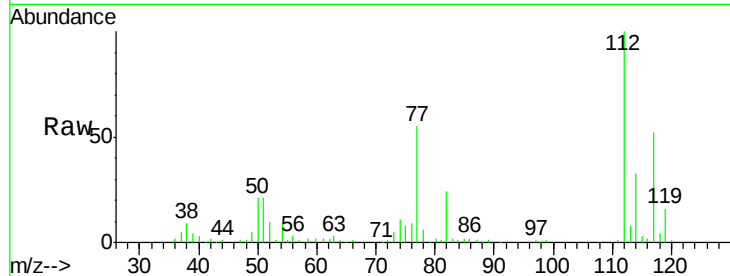
VSTDIC005

Tgt Ion:112 Resp: 32287

Ion Ratio Lower Upper

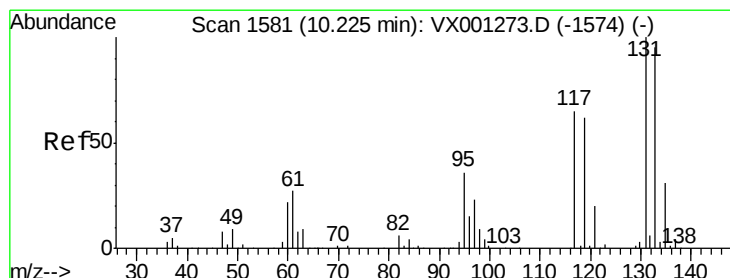
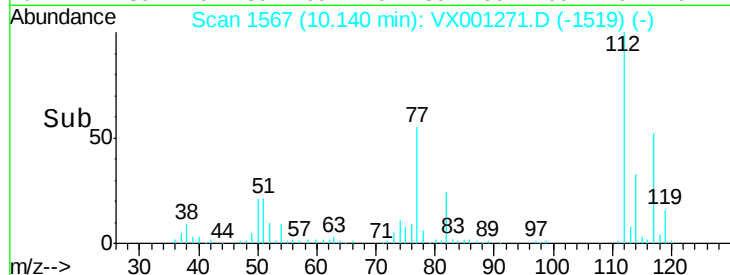
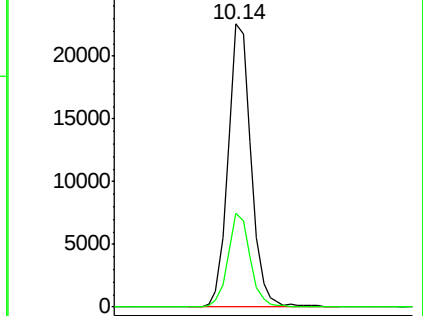
112 100

114 33.3 24.8 37.2



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: 4.88 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

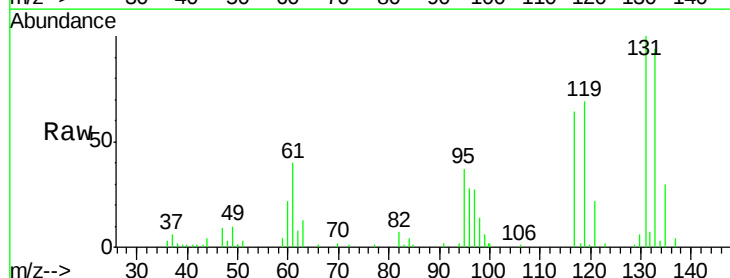
Tgt Ion:131 Resp: 10553

Ion Ratio Lower Upper

131 100

133 93.1 48.3 144.9

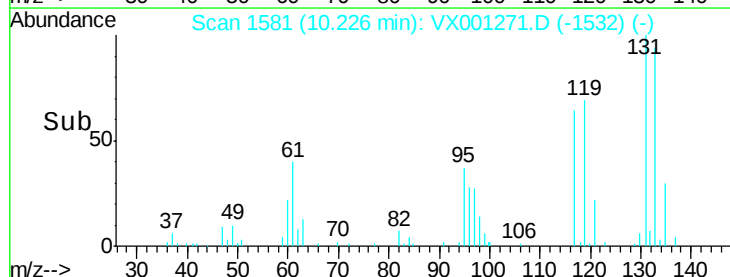
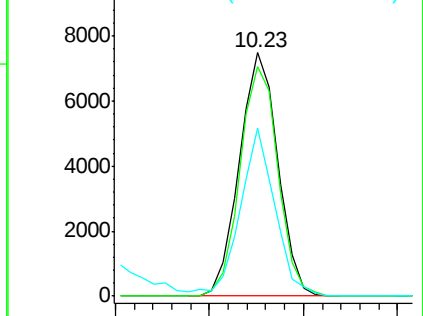
119 62.8 31.2 93.6

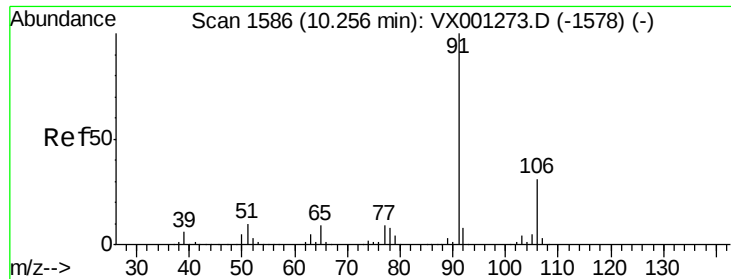


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

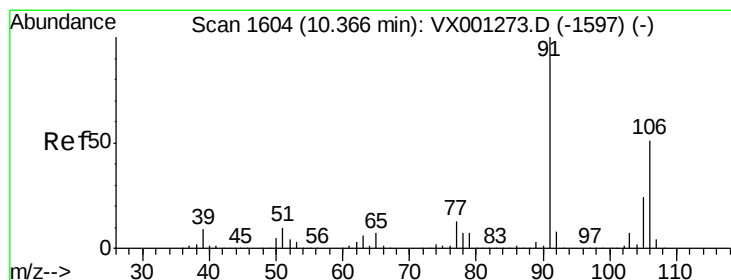
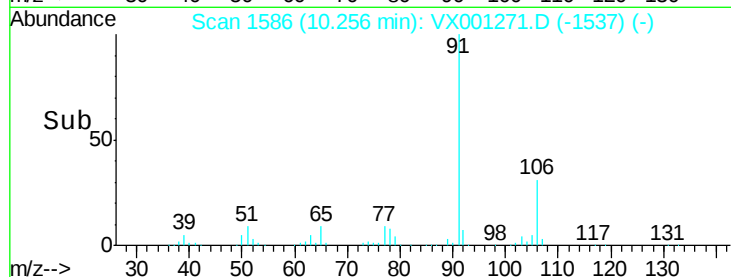
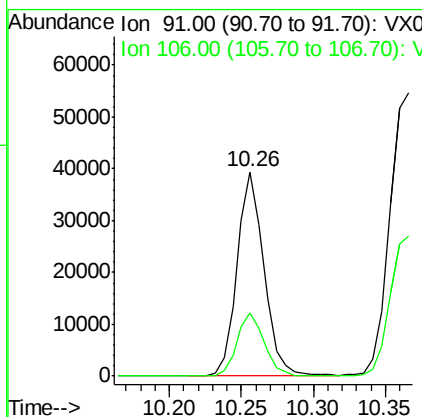
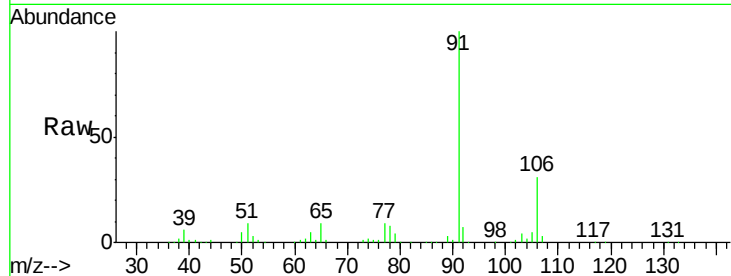




#67
Ethyl Benzene
Concen: 5.03 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

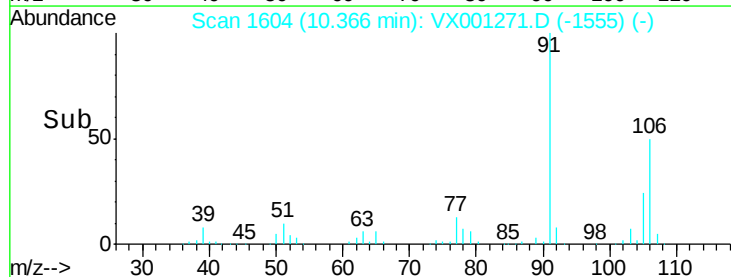
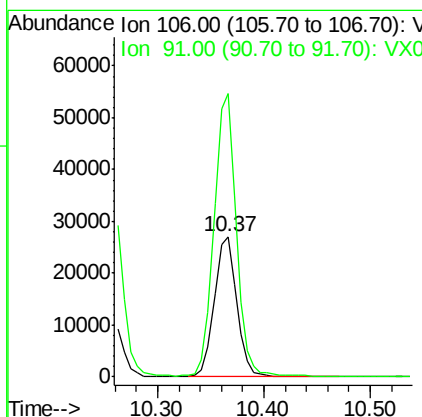
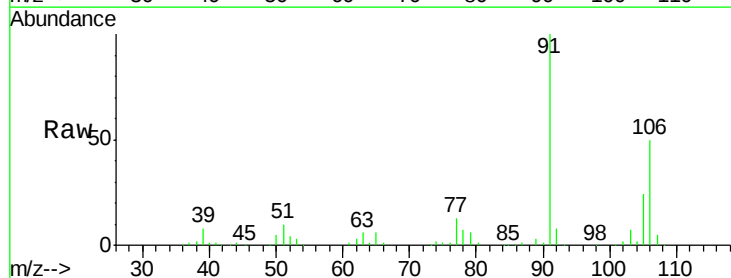
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

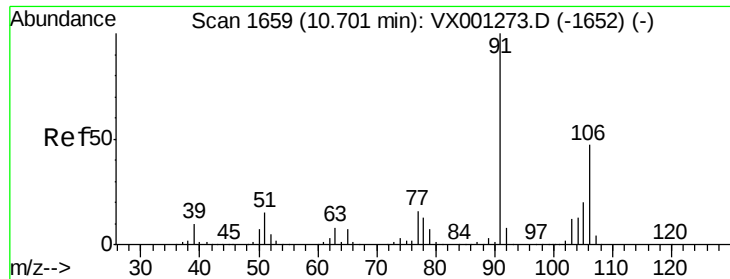
Tgt Ion: 91 Resp: 51341
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 9.78 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 106 Resp: 39467
Ion Ratio Lower Upper
106 100
91 198.1 159.4 239.2

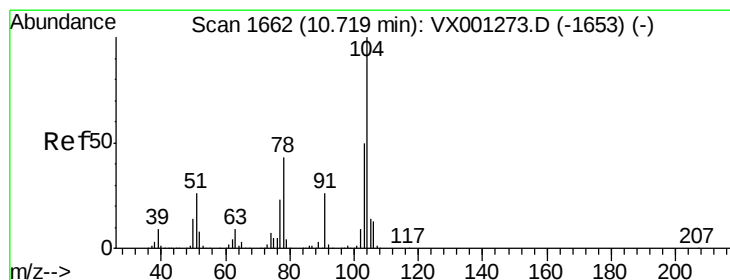
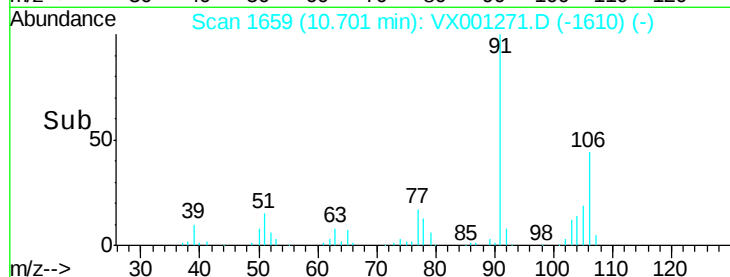
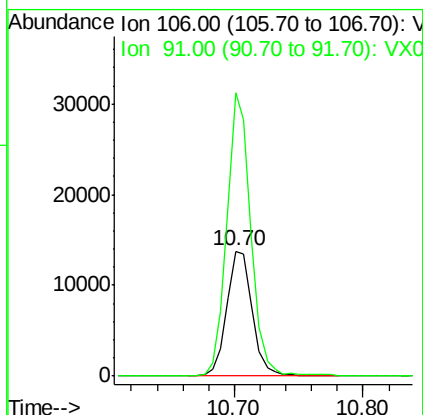
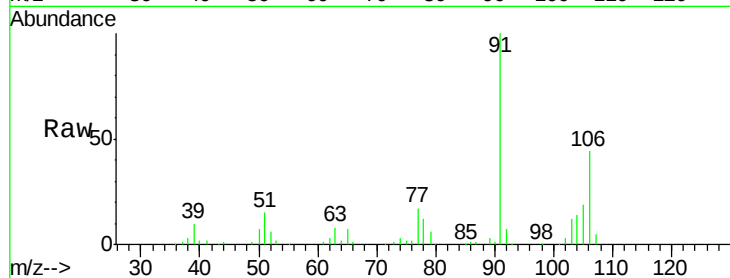




#69
o-Xylene
Concen: 4.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

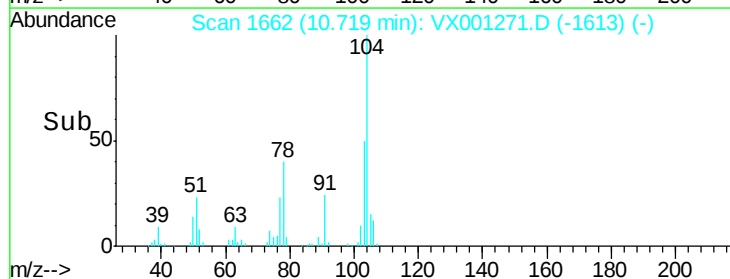
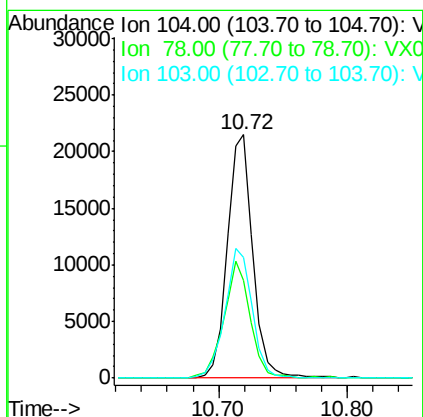
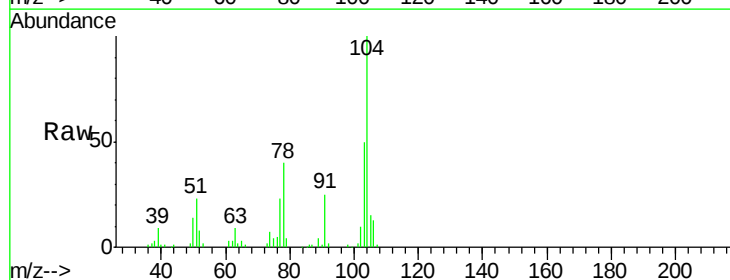
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

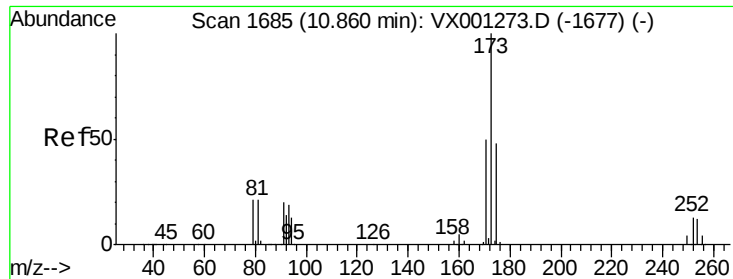
Tgt Ion:106 Resp: 19167
Ion Ratio Lower Upper
106 100
91 214.3 106.3 319.0



#70
Styrene
Concen: 4.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion:104 Resp: 29870
Ion Ratio Lower Upper
104 100
78 49.7 40.1 60.1
103 57.0 44.5 66.7





#71

Bromoform

Concen: 3.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

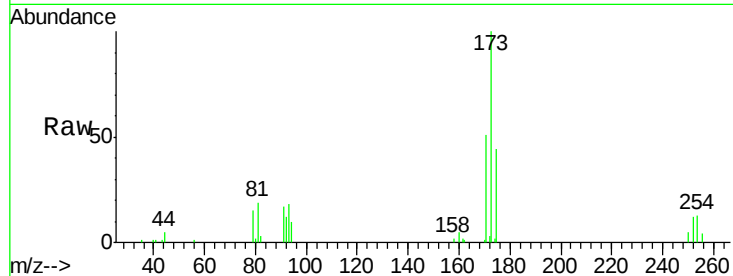
Tgt Ion:173 Resp: 7422

Ion Ratio Lower Upper

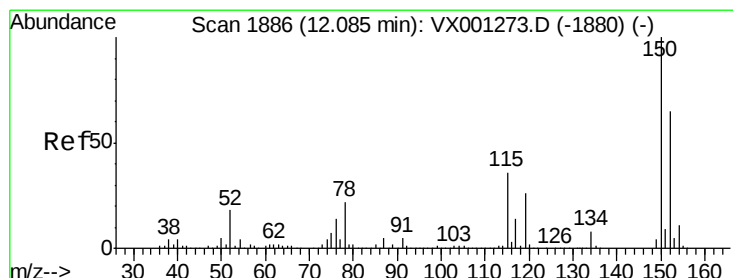
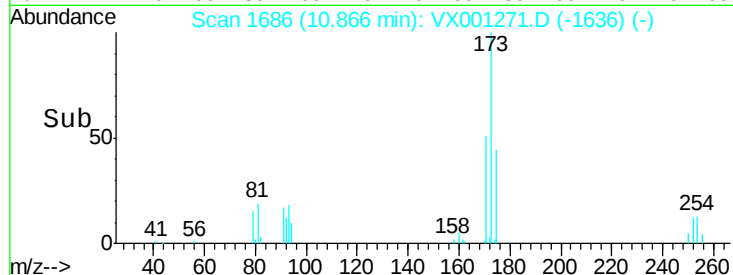
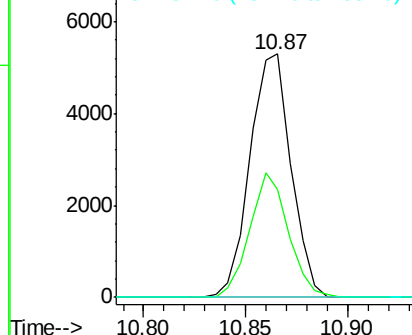
173 100

175 48.1 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

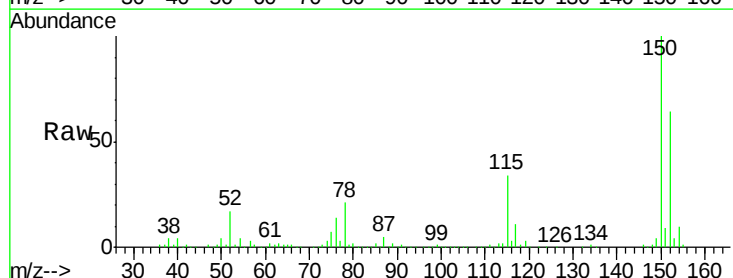
Tgt Ion:152 Resp: 155219

Ion Ratio Lower Upper

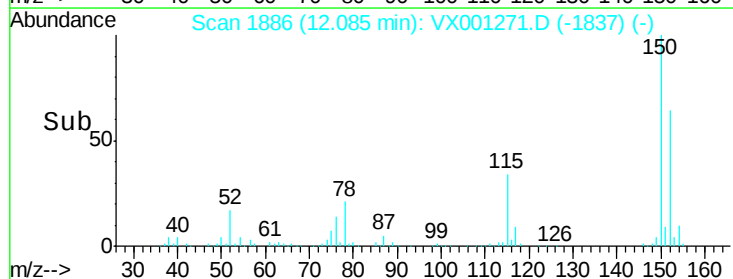
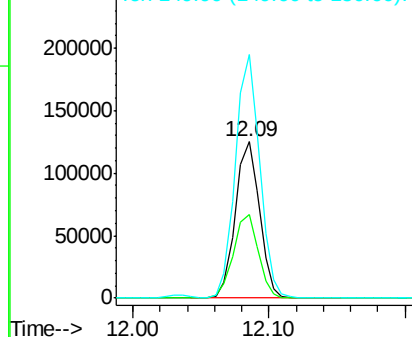
152 100

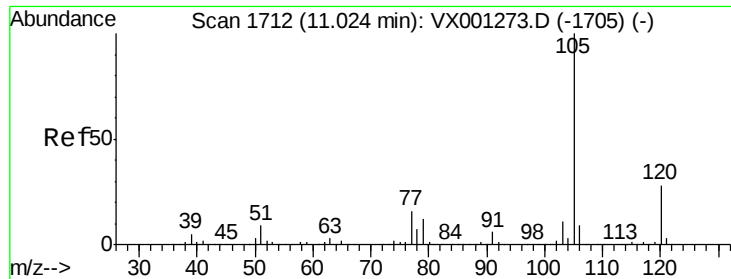
115 55.4 38.6 115.7

150 156.5 0.0 349.2



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: 5.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

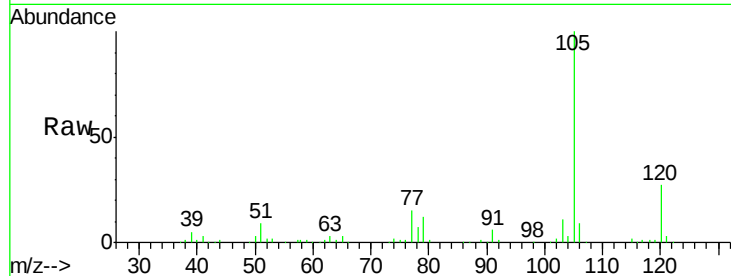
VSTDIC005

Tgt Ion: 105 Resp: 51610

Ion Ratio Lower Upper

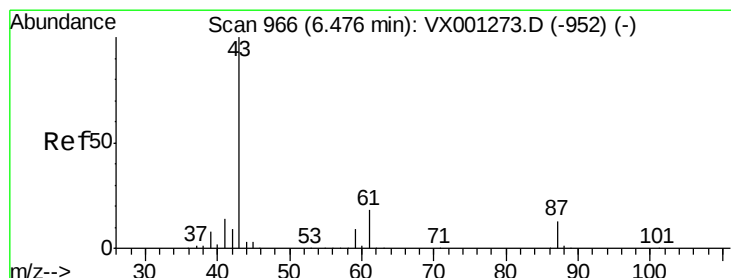
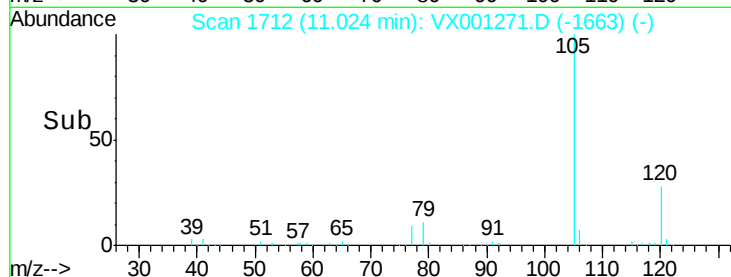
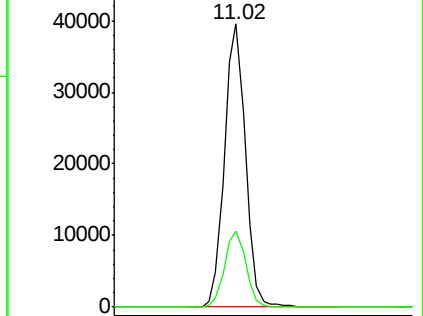
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.55 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Tgt Ion: 43 Resp: 22756

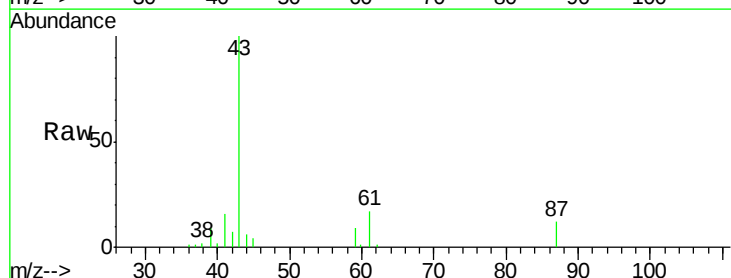
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.2 15.0 22.4

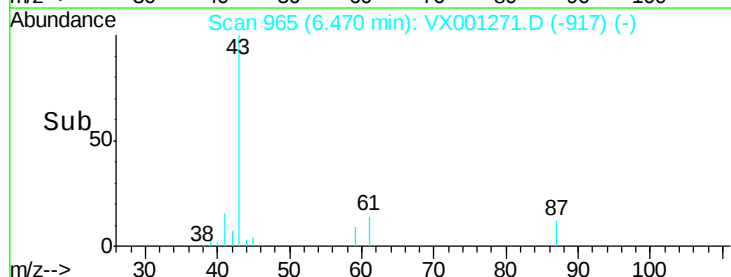
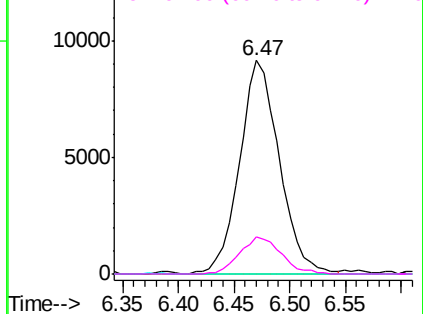


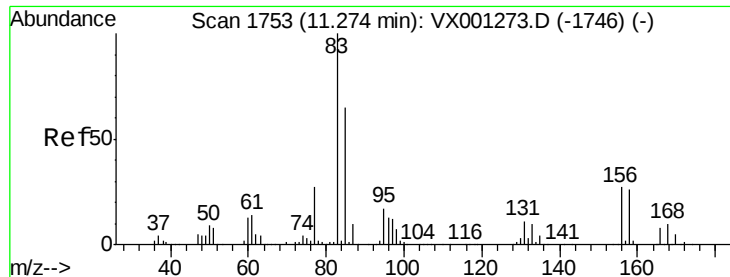
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

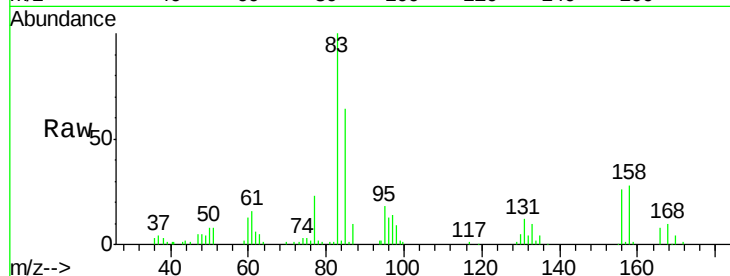
Tgt Ion: 83 Resp: 15175

Ion Ratio Lower Upper

83 100

131 12.3 5.8 17.3

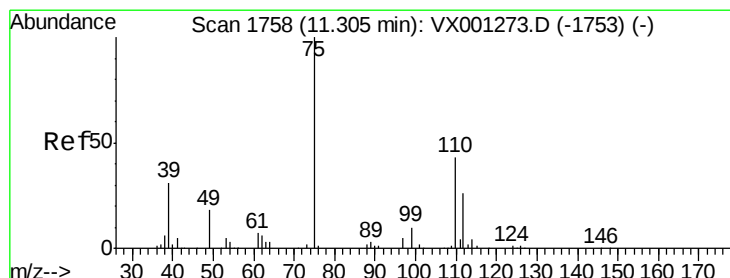
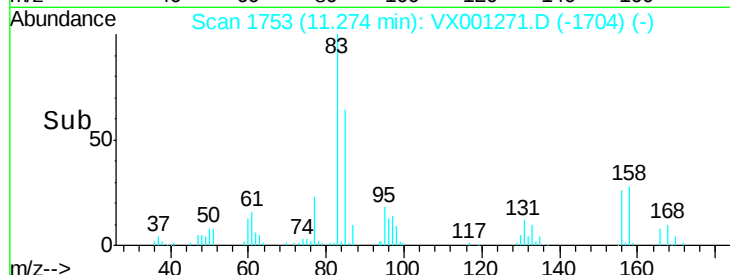
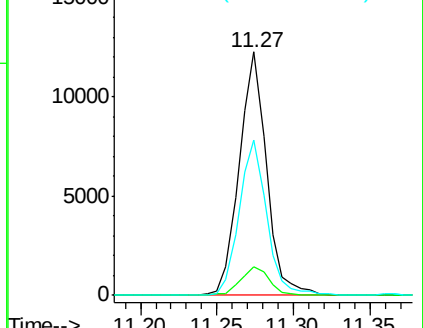
85 64.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.33 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001271.D

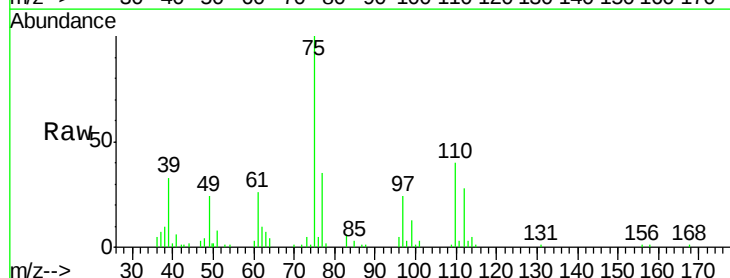
Acq: 01 May 2018 11:28

Tgt Ion: 75 Resp: 16596

Ion Ratio Lower Upper

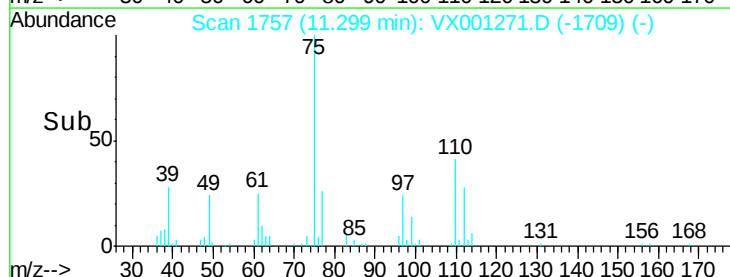
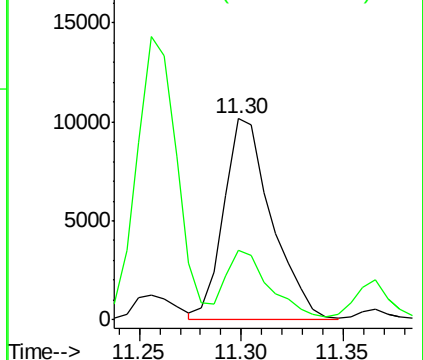
75 100

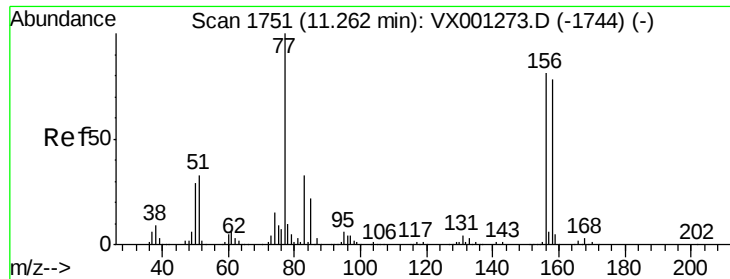
77 31.0 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

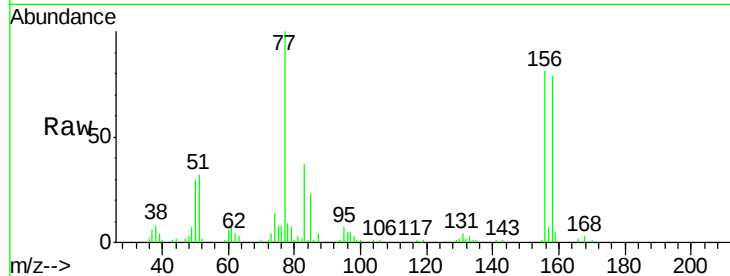
Tgt Ion:156 Resp: 14910

Ion Ratio Lower Upper

156 100

77 132.0 65.3 195.8

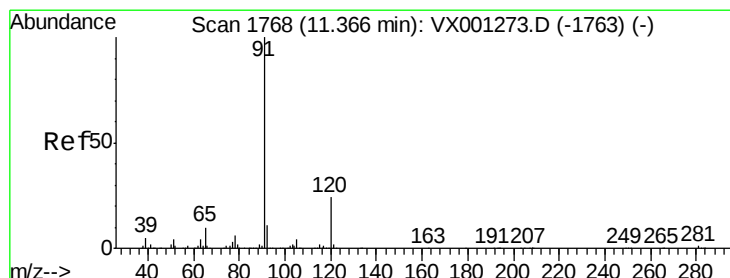
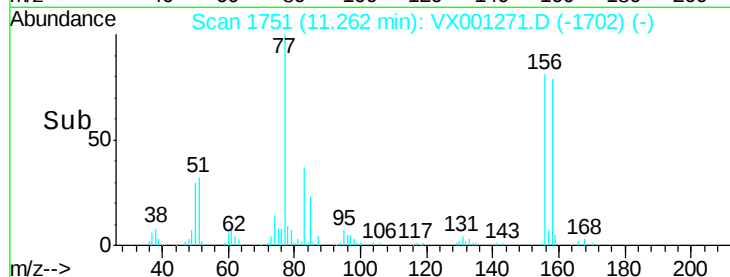
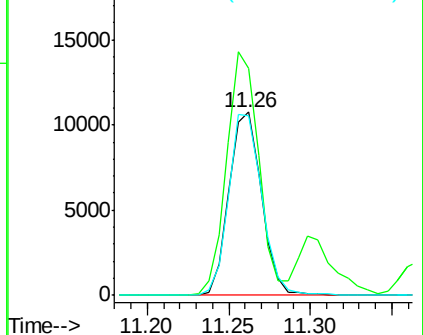
158 101.2 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001271.D

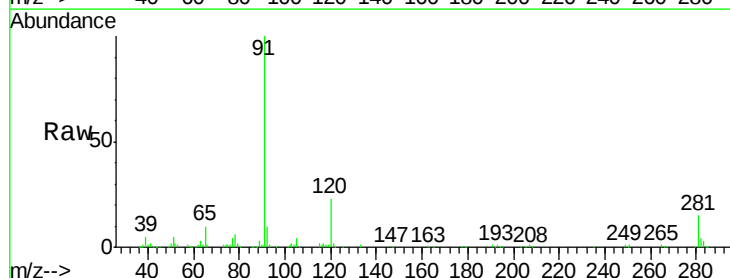
Acq: 01 May 2018 11:28

Tgt Ion: 91 Resp: 57711

Ion Ratio Lower Upper

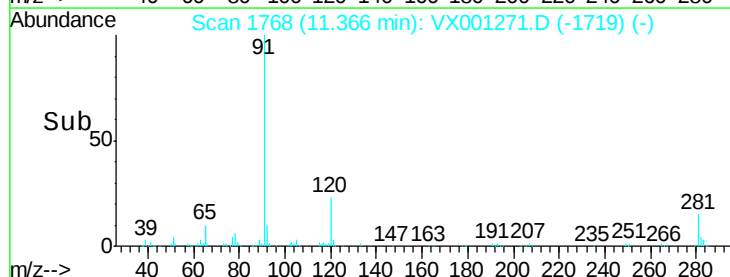
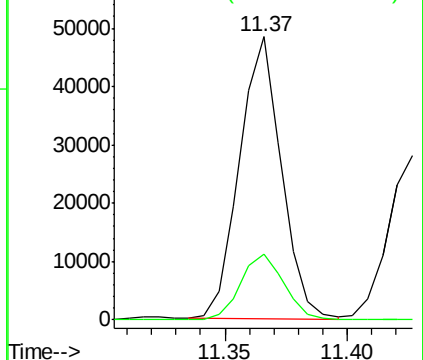
91 100

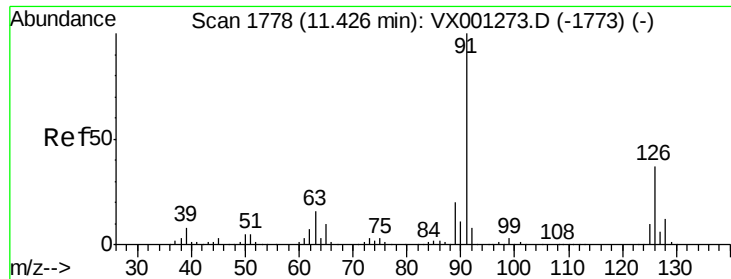
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

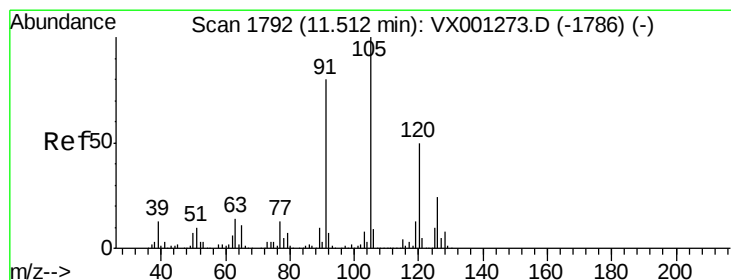
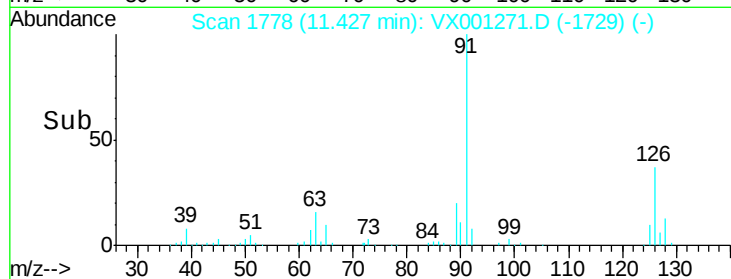
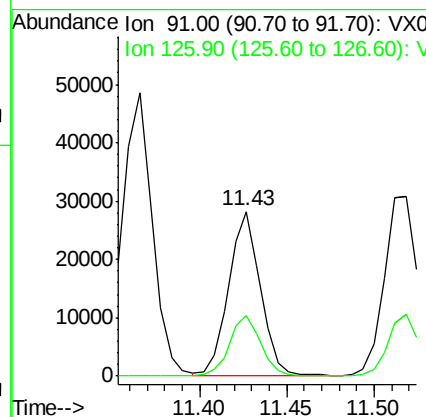
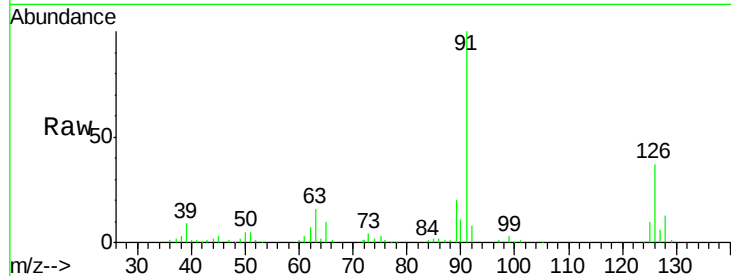




#79
 2-Chlorotoluene
 Concen: 5.01 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

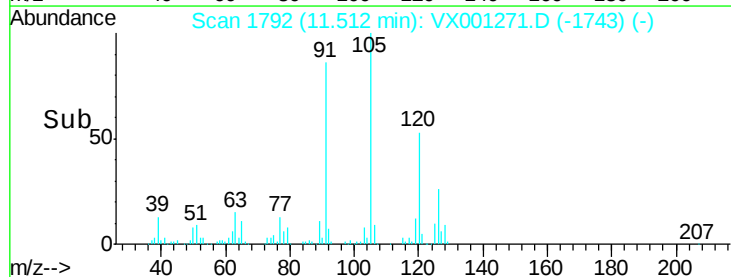
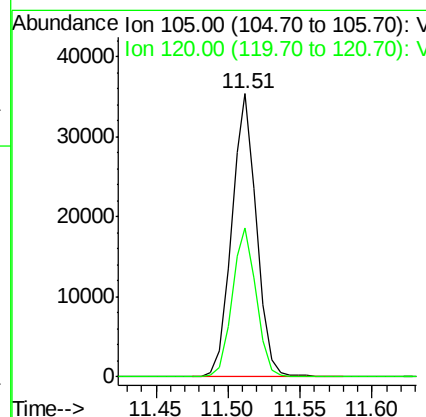
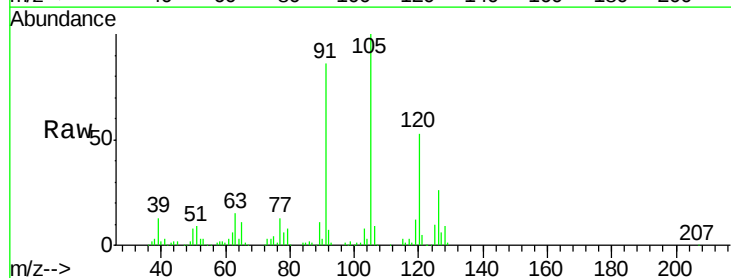
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

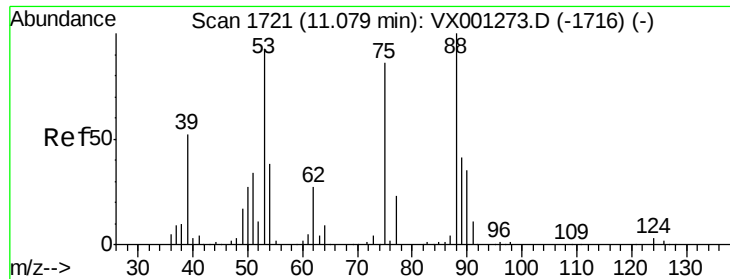
Tgt Ion: 91 Resp: 35107
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.96 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion: 105 Resp: 42786
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.6 74.0

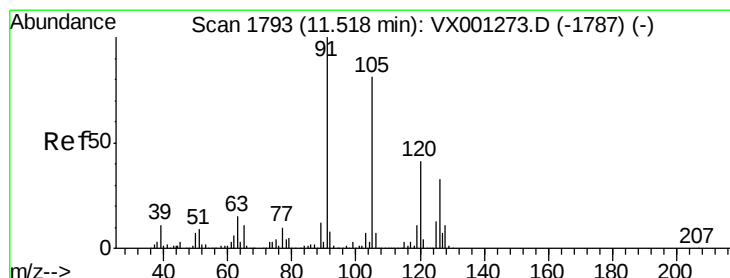
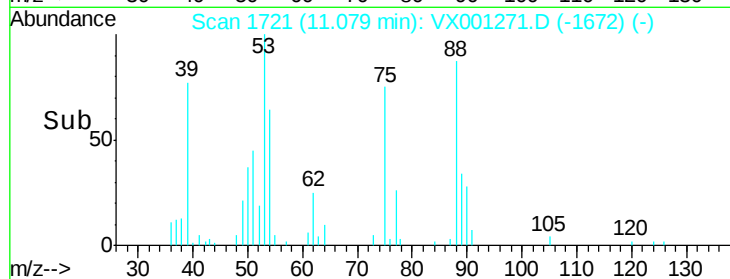
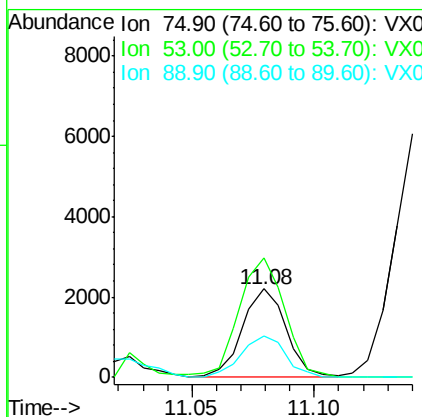
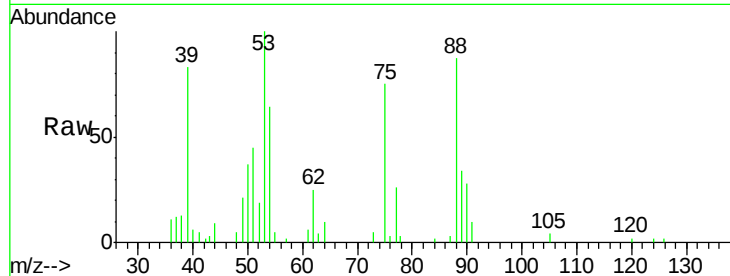




#81
trans-1,4-Dichloro-2-butene
Concen: 3.54 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

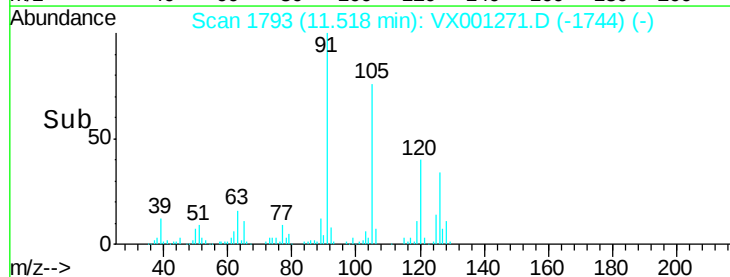
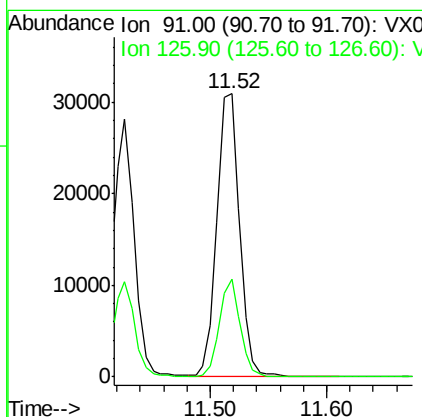
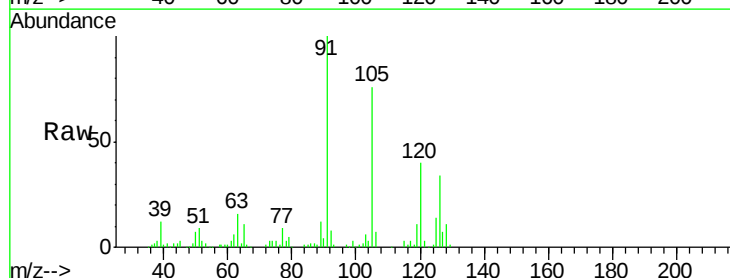
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

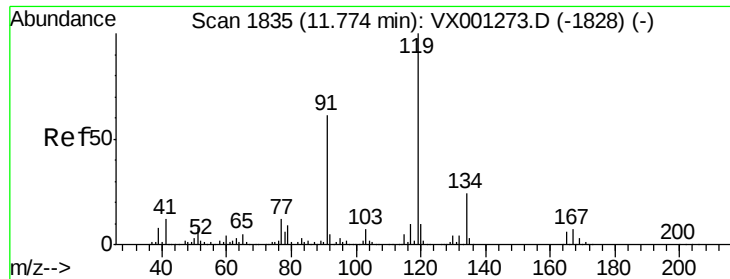
Tgt Ion: 75 Resp: 2773
Ion Ratio Lower Upper
75 100
53 138.8 87.1 130.7#
89 46.5 38.9 58.3



#82
4-Chlorotoluene
Concen: 4.98 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion: 91 Resp: 41559
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.2

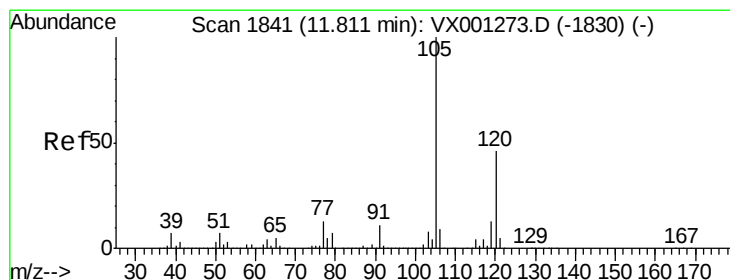
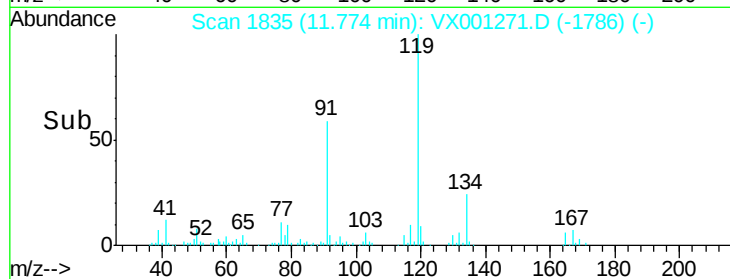
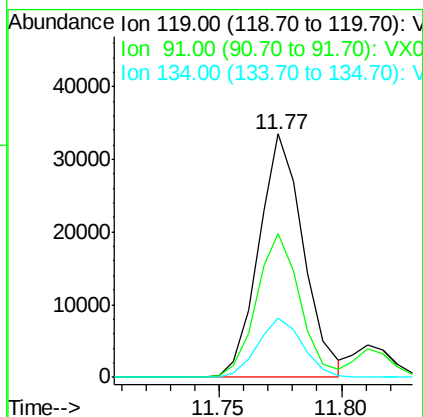
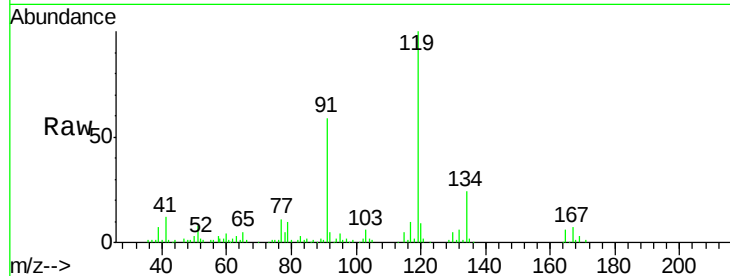




#83
 tert-Butylbenzene
 Concen: 4.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

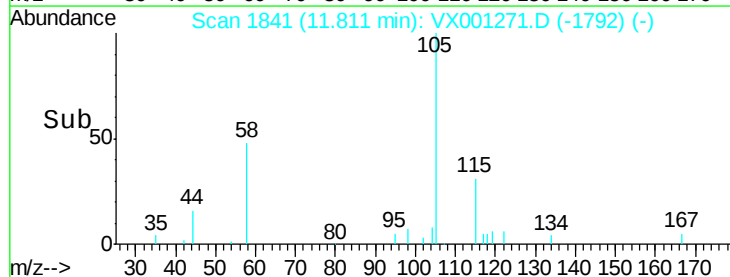
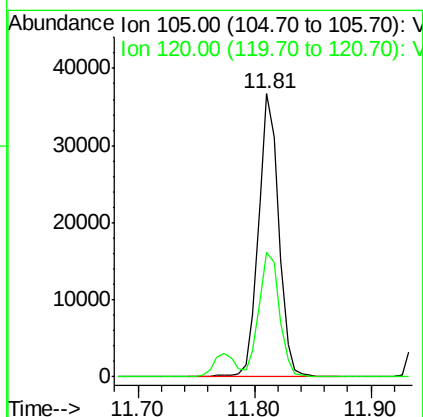
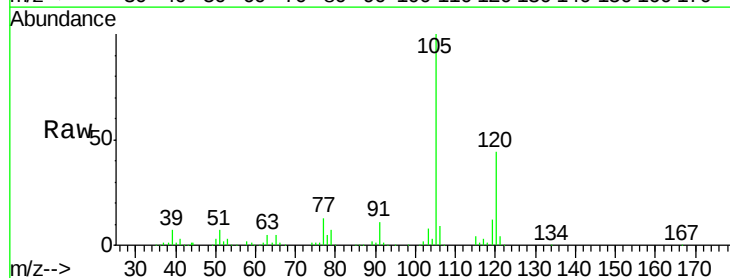
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

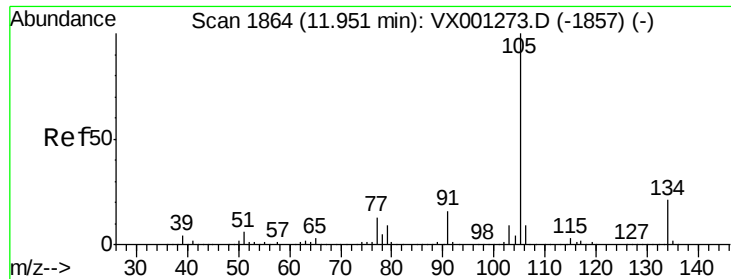
Tgt Ion:119 Resp: 42660
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.1 84.3
 134 24.5 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 5.07 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion:105 Resp: 44824
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.7 68.1

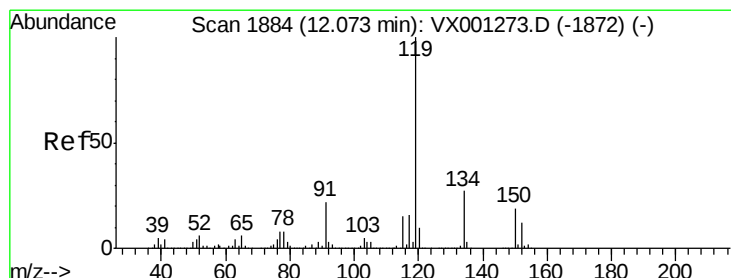
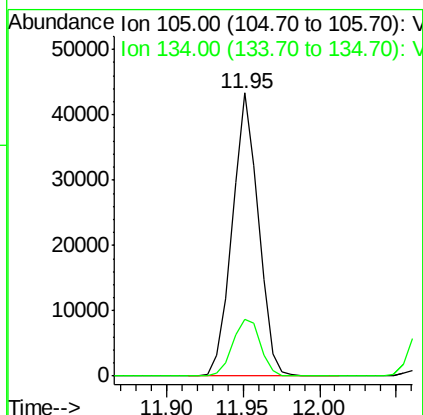
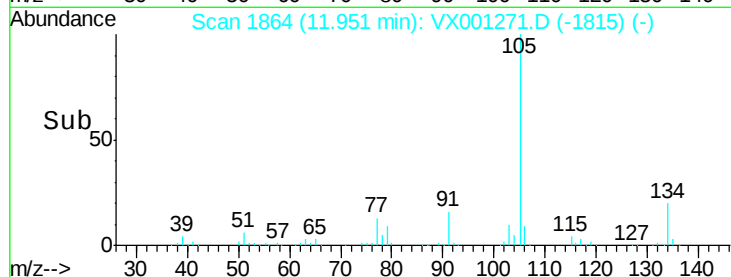
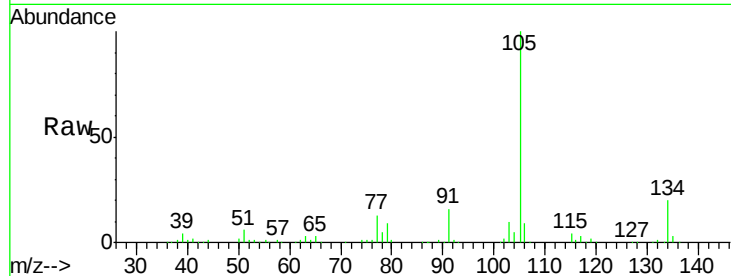




#85
 sec-Butylbenzene
 Concen: 5.08 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

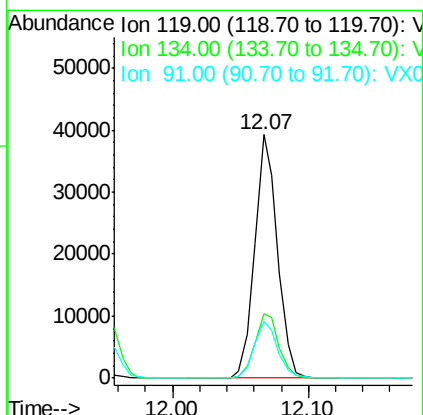
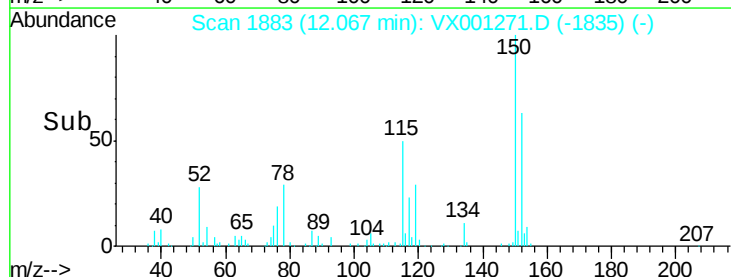
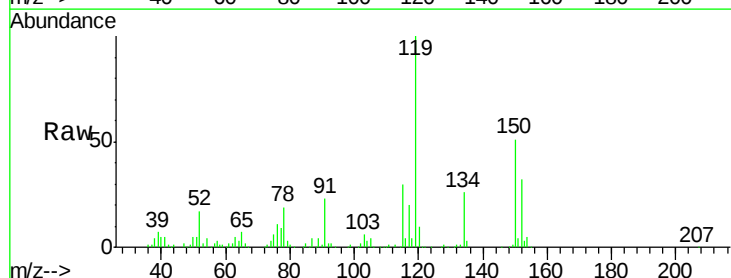
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

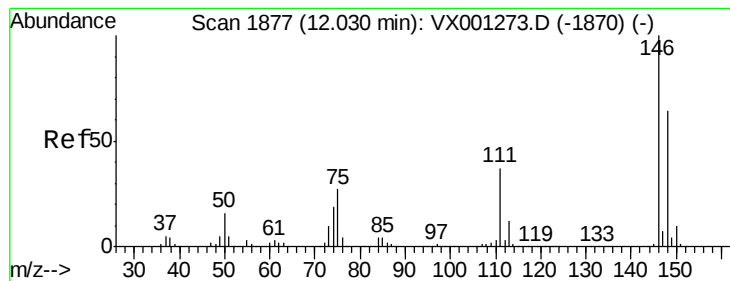
Tgt Ion:105 Resp: 51277
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 4.91 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion:119 Resp: 45996
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.7
 91 24.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 5.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

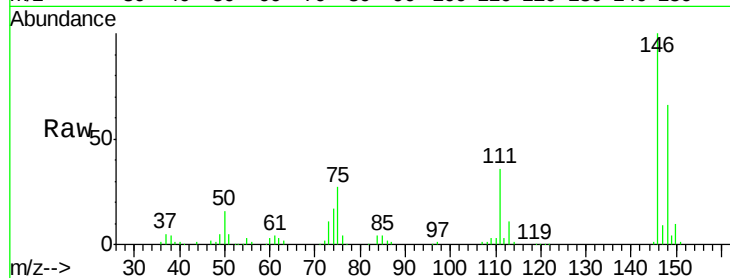
Tgt Ion:146 Resp: 27307

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

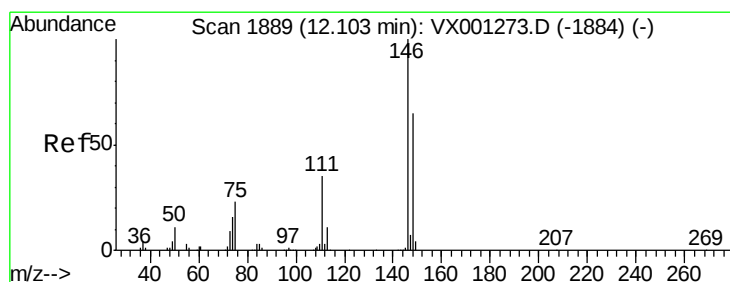
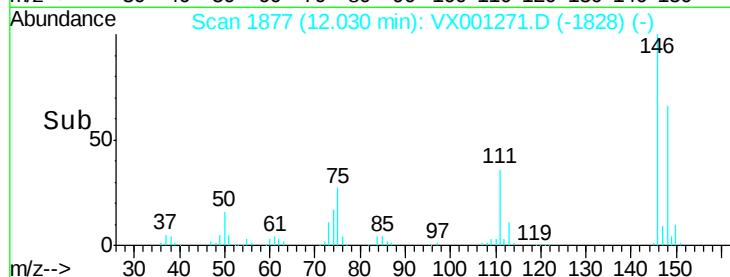
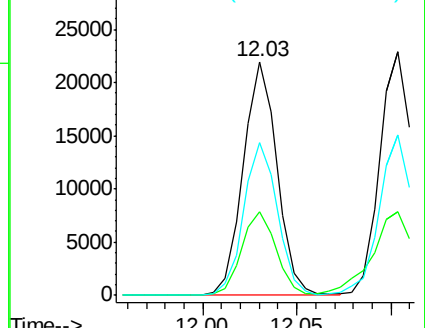
148 65.5 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 4.97 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

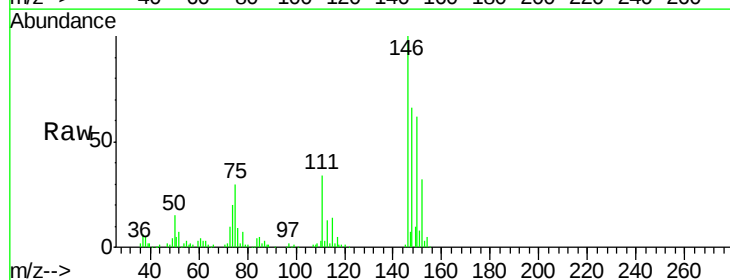
Tgt Ion:146 Resp: 28021

Ion Ratio Lower Upper

146 100

111 41.6 17.9 53.7

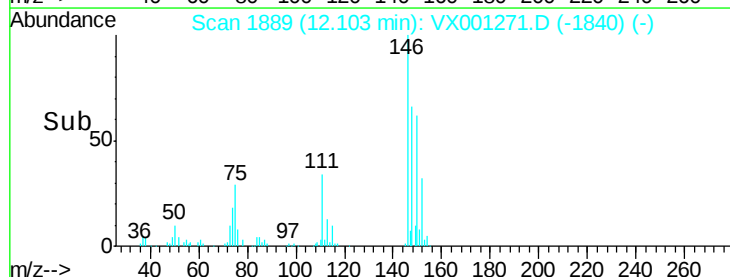
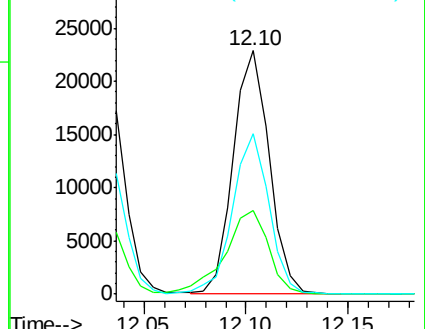
148 66.6 32.3 96.8

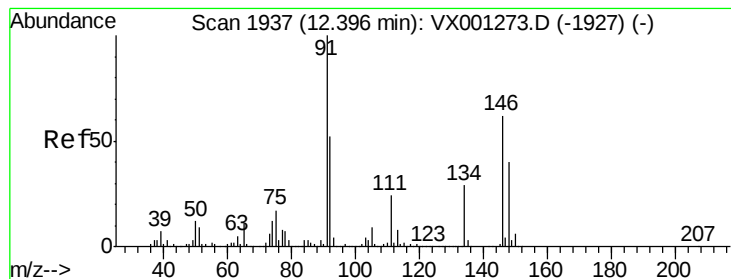


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.61 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001271.D

Acq: 01 May 2018 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

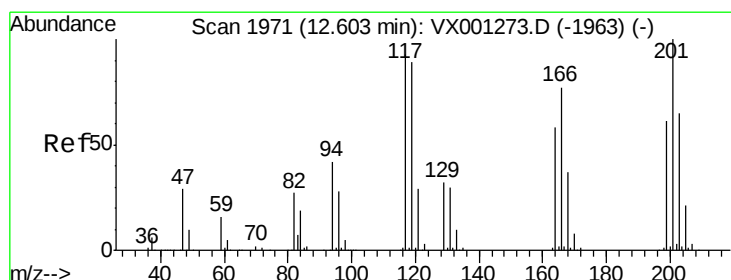
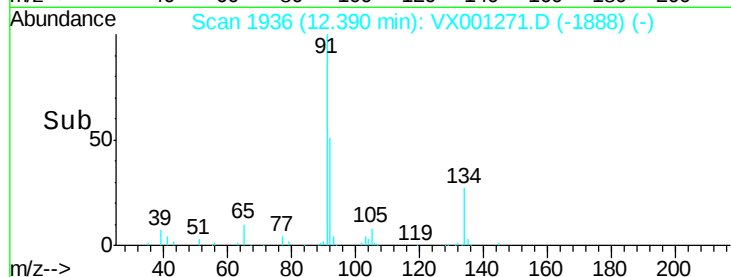
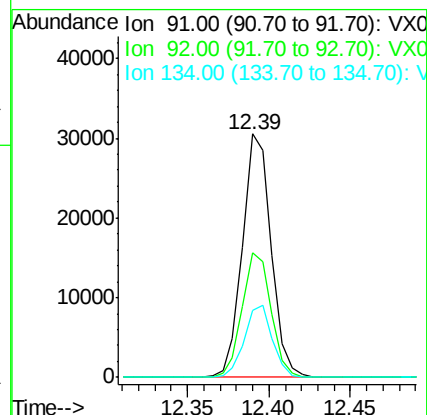
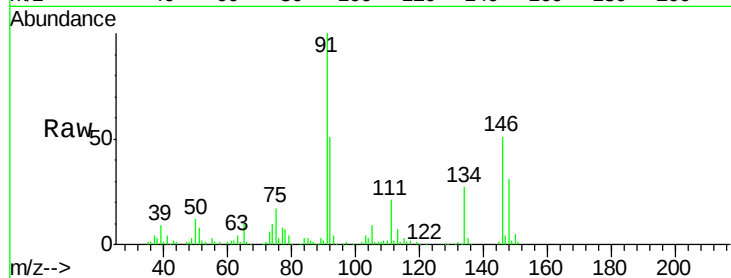
Tgt Ion: 91 Resp: 37451

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.5

134 29.0 14.0 42.0



#90

Hexachloroethane

Concen: 4.52 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001271.D

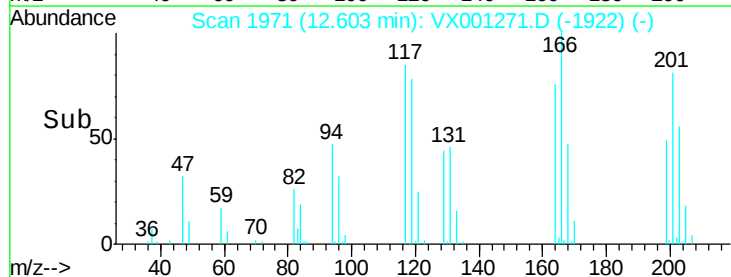
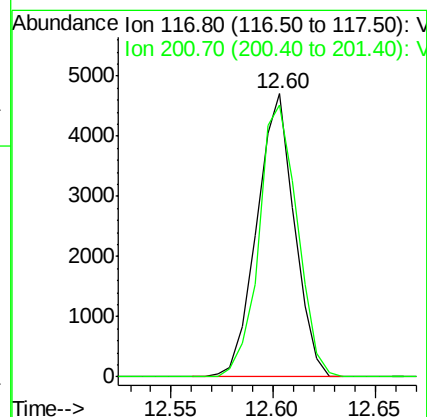
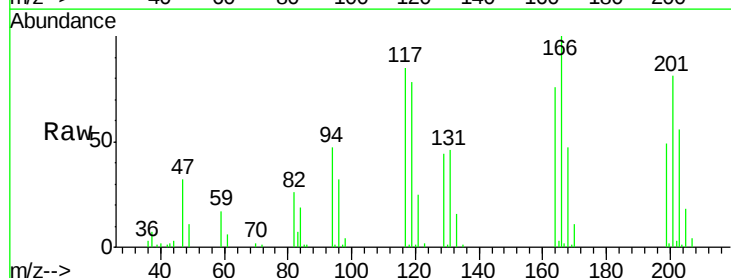
Acq: 01 May 2018 11:28

Tgt Ion: 117 Resp: 6017

Ion Ratio Lower Upper

117 100

201 98.4 51.6 154.8

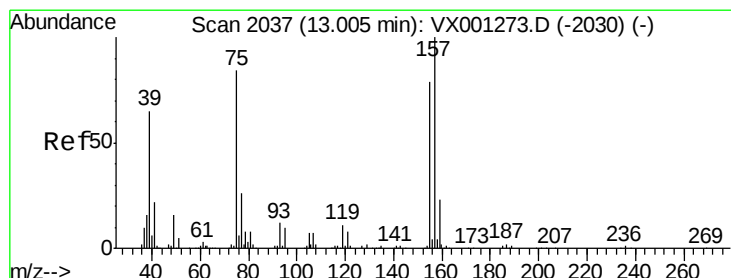
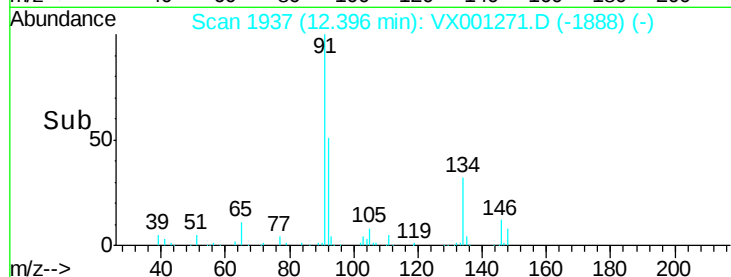
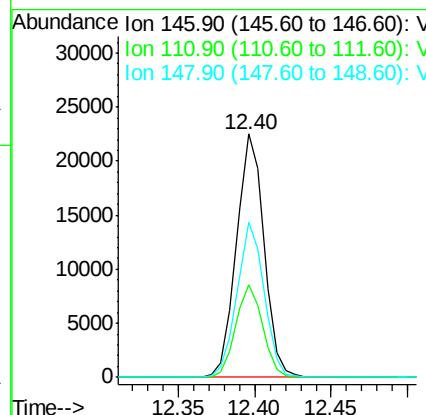
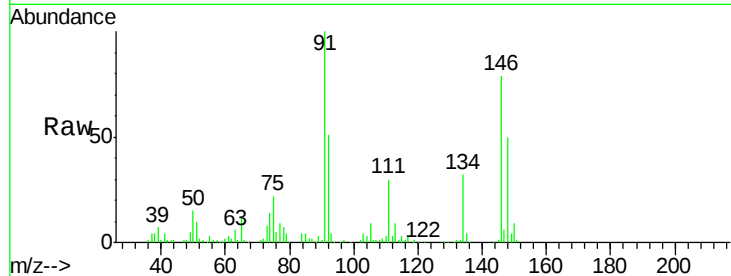




#91
 1,2-Dichlorobenzene
 Concen: 5.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

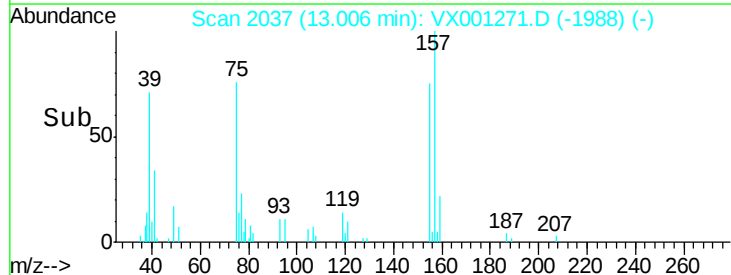
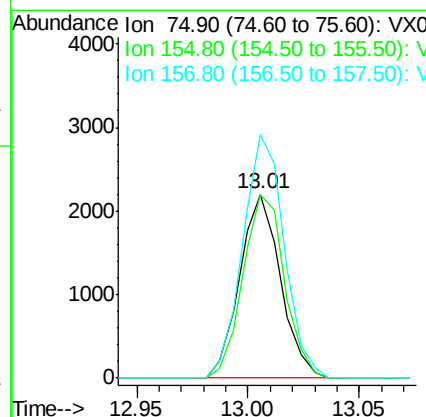
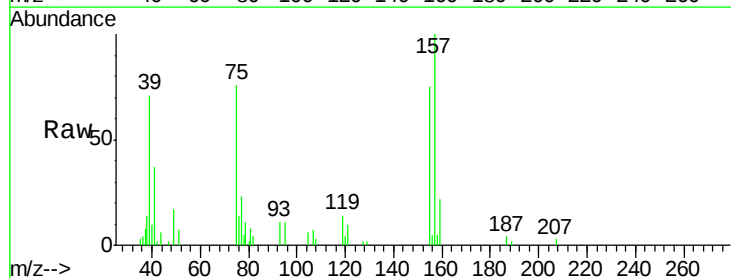
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

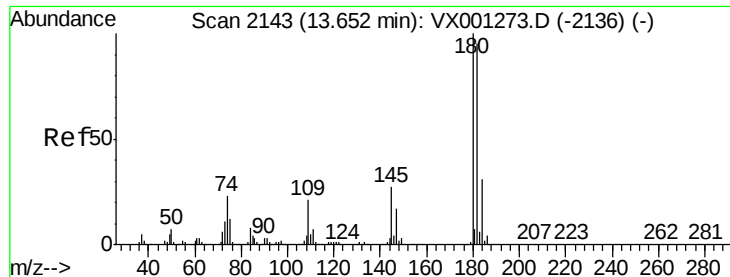
Tgt Ion:146 Resp: 28083
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.5
 148 62.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.86 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion: 75 Resp: 2797
 Ion Ratio Lower Upper
 75 100
 155 101.9 49.9 149.7
 157 135.0 63.7 191.1

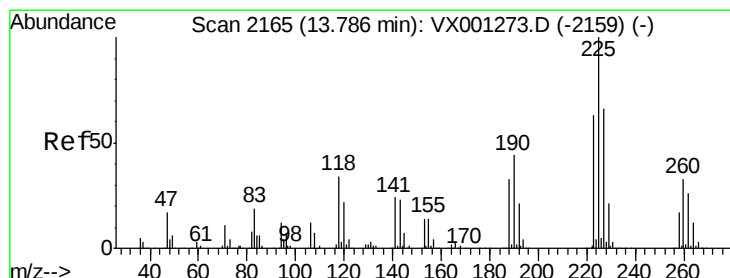
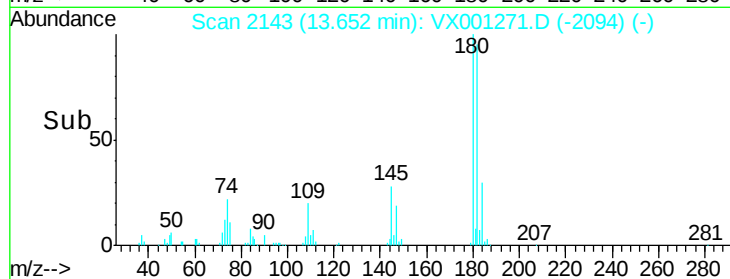
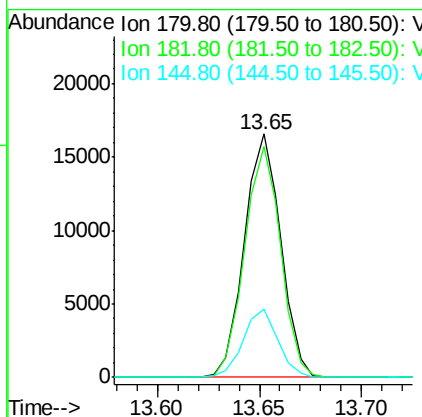
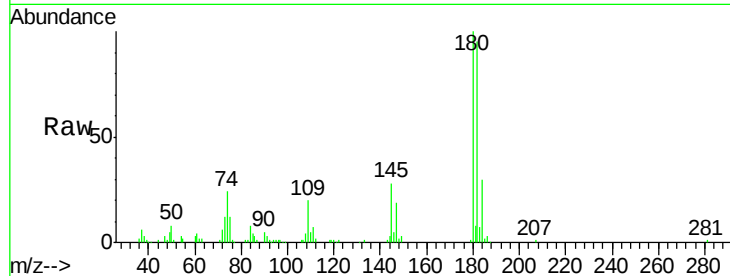




#93
 1,2,4-Trichlorobenzene
 Concen: 4.79 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

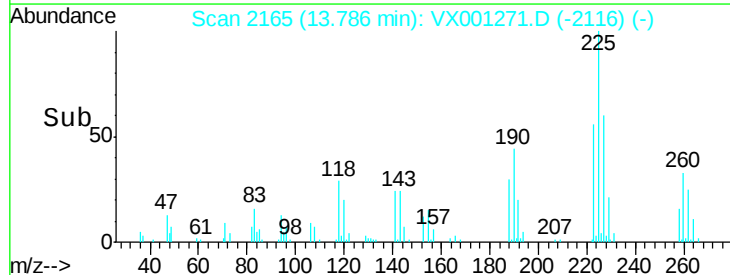
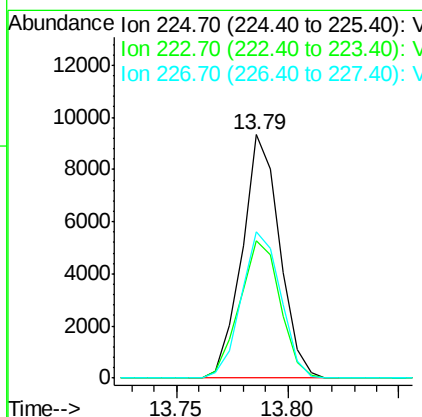
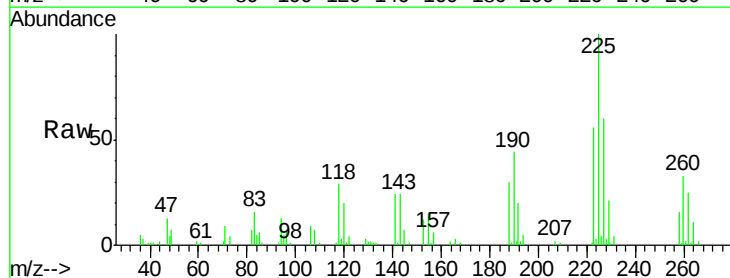
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

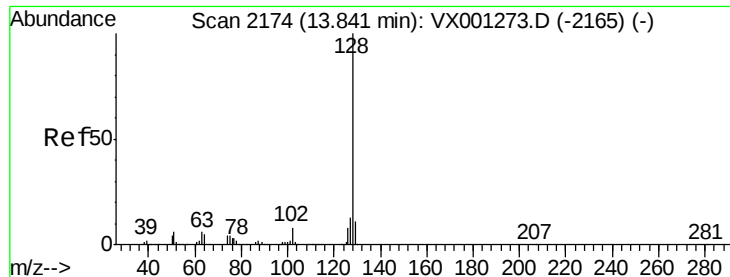
Tgt Ion:180 Resp: 20558
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 141.9
 145 27.1 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 5.36 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001271.D
 Acq: 01 May 2018 11:28

Tgt Ion:225 Resp: 11010
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.4 94.0
 227 62.8 32.5 97.5

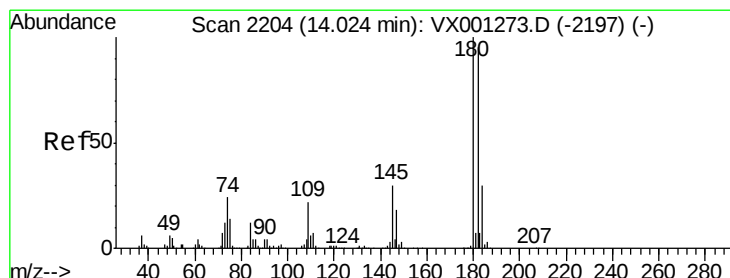
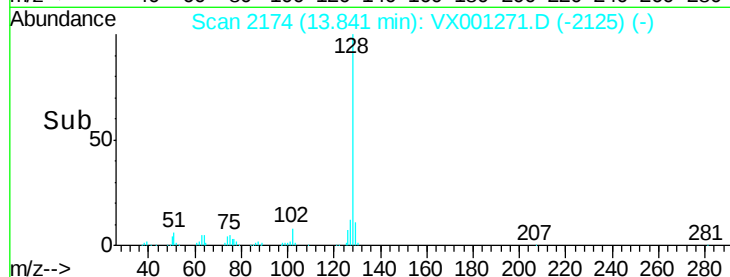
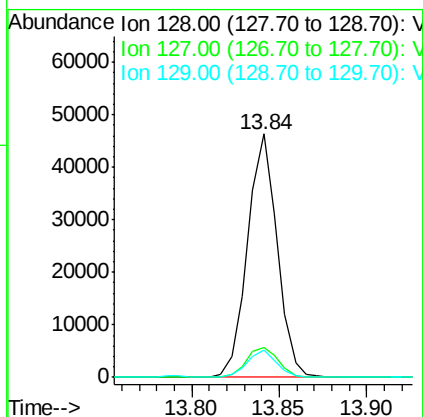
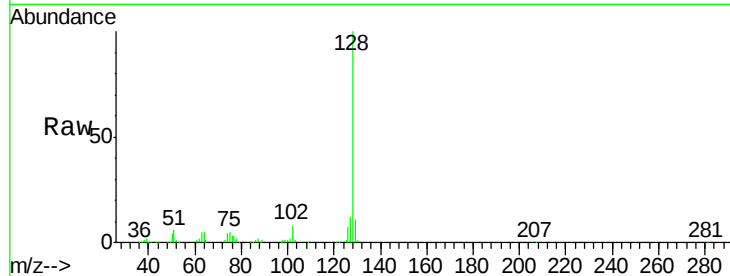




#95
Naphthalene
Concen: 4.60 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 54391
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.99 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001271.D
Acq: 01 May 2018 11:28

Tgt Ion:180 Resp: 21283
Ion Ratio Lower Upper
180 100
182 97.1 48.1 144.3
145 28.6 14.4 43.4

