

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001414.D
 Acq On : 05 May 2018 12:31
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 06 07:40:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214377	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	20524	5.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.68%	
35) Dibromofluoromethane	5.51	113	15812	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
50) Toluene-d8	8.72	98	56461	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
62) 4-Bromofluorobenzene	11.14	95	19822	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	14815	5.15	ug/l	98
3) Chloromethane	1.32	50	16083	5.69	ug/l	99
4) Vinyl Chloride	1.40	62	17064	5.77	ug/l	97
5) Bromomethane	1.64	94	9794	4.20	ug/l	98
6) Chloroethane	1.72	64	11681	6.18	ug/l	92
7) Trichlorofluoromethane	1.92	101	26405	5.38	ug/l	96
8) Diethyl Ether	2.19	74	10331	6.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15761	5.55	ug/l	99
10) Methyl Iodide	2.51	142	19825	6.34	ug/l	98
11) Tert butyl alcohol	3.09	59	20394	32.51	ug/l	97
12) 1,1-Dichloroethene	2.37	96	14101	5.49	ug/l	97
13) Acrolein	2.30	56	7558	24.56	ug/l	90
14) Allyl chloride	2.73	41	25849	5.70	ug/l	98
15) Acrylonitrile	3.15	53	44117	30.58	ug/l	97
16) Acetone	2.45	43	41577	27.68	ug/l	100
17) Carbon Disulfide	2.57	76	32522	4.84	ug/l	98
18) Methyl Acetate	2.78	43	22382	6.19	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	50585	5.78	ug/l	99
20) Methylene Chloride	2.86	84	17382	5.31	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	16149	5.76	ug/l	92
22) Diisopropyl ether	3.88	45	47331	5.45	ug/l	96
23) Vinyl Acetate	3.83	43	194744	26.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	27926	5.76	ug/l	98
25) 2-Butanone	4.72	43	59306	28.74	ug/l	98
26) 2,2-Dichloropropane	4.59	77	19689	5.02	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	17175	5.60	ug/l	80
28) Bromochloromethane	5.03	49	12118	5.65	ug/l	96
29) Tetrahydrofuran	5.18	42	37644	29.43	ug/l	99
30) Chloroform	5.22	83	28247	5.53	ug/l	92
31) Cyclohexane	5.57	56	22740	5.21	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	23722	5.31	ug/l	98
36) 1,1-Dichloropropene	5.80	75	20487	5.13	ug/l	98
37) Ethyl Acetate	4.87	43	22523	5.52	ug/l	99
38) Carbon Tetrachloride	5.79	117	20992	5.00	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001414.D
 Acq On : 05 May 2018 12:31
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 06 07:40:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23448	4.96	ug/l	98
40) Benzene	6.15	78	61807	5.37	ug/l	99
41) Methacrylonitrile	5.07	41	13161	5.56	ug/l	97
42) 1,2-Dichloroethane	6.20	62	24903	5.59	ug/l	98
43) Isopropyl Acetate	6.47	43	33052	5.05	ug/l	100
44) Trichloroethene	7.22	130	19039	5.41	ug/l	98
45) 1,2-Dichloropropane	7.53	63	15613	5.33	ug/l	96
46) Dibromomethane	7.67	93	11088	5.38	ug/l	95
47) Bromodichloromethane	7.90	83	18826	5.07	ug/l	95
48) Methyl methacrylate	7.79	41	18783	5.37	ug/l	98
49) 1,4-Dioxane	7.76	88	8359	123.61	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	115373	27.28	ug/l	100
52) Toluene	8.79	92	40134	5.34	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	19803	4.50	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	16699	4.14	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	16110	5.33	ug/l	95
56) Ethyl methacrylate	9.19	69	21349	5.05	ug/l	97
57) 1,3-Dichloropropane	9.38	76	26702	5.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	54649	26.60	ug/l	100
59) 2-Hexanone	9.51	43	87327	26.50	ug/l	96
60) Dibromochloromethane	9.59	129	14083	4.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	16536	5.15	ug/l	96
64) Tetrachloroethene	9.34	164	22873	5.83	ug/l	98
65) Chlorobenzene	10.15	112	45753	5.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15738	5.11	ug/l	98
67) Ethyl Benzene	10.26	91	73681	5.06	ug/l	99
68) m/p-Xylenes	10.37	106	57130	9.96	ug/l	99
69) o-Xylene	10.70	106	27744	4.97	ug/l	94
70) Styrene	10.72	104	43524	4.77	ug/l	99
71) Bromoform	10.86	173	10812	4.16	ug/l #	98
73) Isopropylbenzene	11.02	105	73994	5.11	ug/l	99
74) N-amyl acetate	6.47	43	33052	5.30	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	21863	5.08	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	25336	6.32	ug/l	88
77) Bromobenzene	11.26	156	21983	5.28	ug/l	98
78) n-propylbenzene	11.37	91	80553	5.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	50149	5.17	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	62349	5.15	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	4155	3.96	ug/l #	76
82) 4-Chlorotoluene	11.52	91	56172	4.84	ug/l	100
83) tert-Butylbenzene	11.77	119	60387	5.00	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	61892	4.98	ug/l	98
85) sec-Butylbenzene	11.95	105	72487	5.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	64877	4.88	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	38463	4.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	38539	4.83	ug/l	92
89) n-Butylbenzene	12.40	91	50203	4.36	ug/l	98
90) Hexachloroethane	12.60	117	8472	4.40	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	39674	5.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4231	4.81	ug/l	98

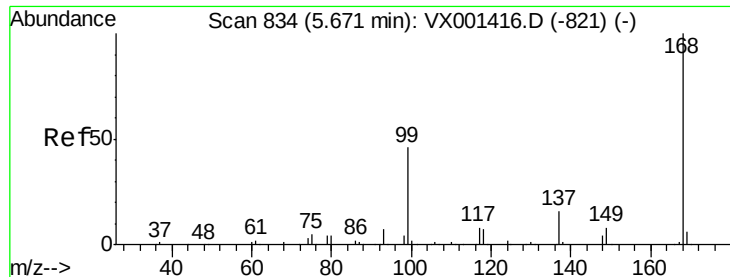
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001414.D
Acq On : 05 May 2018 12:31
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 06 07:40:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	26302	4.25	ug/l	99
94) Hexachlorobutadiene	13.79	225	14948	4.60	ug/l	98
95) Naphthalene	13.84	128	73864	4.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	27885	4.57	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

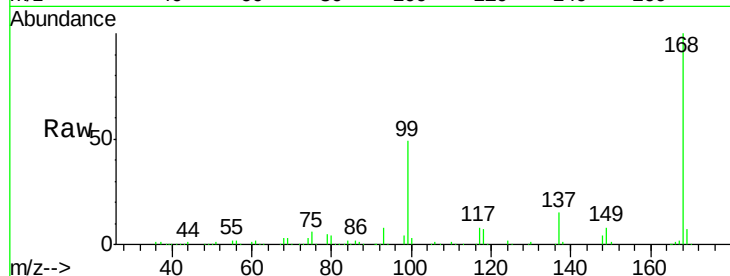
VSTDIC005

Tgt Ion: 168 Resp: 251721

Ion Ratio Lower Upper

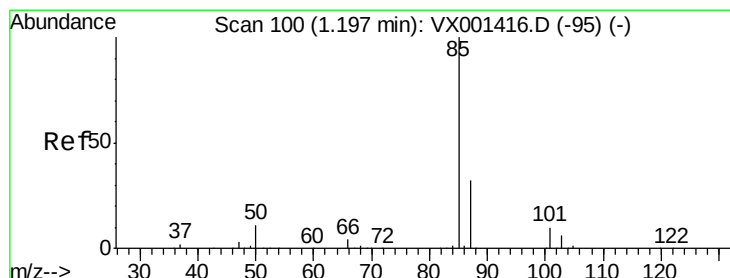
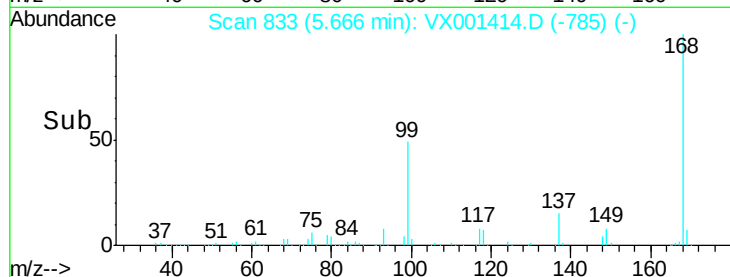
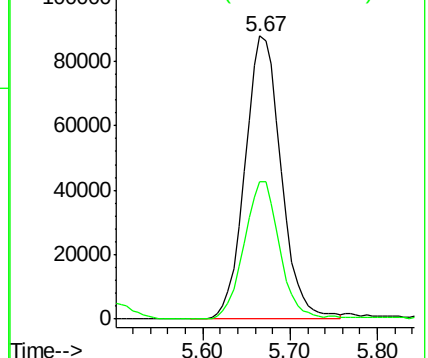
168 100

99 48.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.15 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001414.D

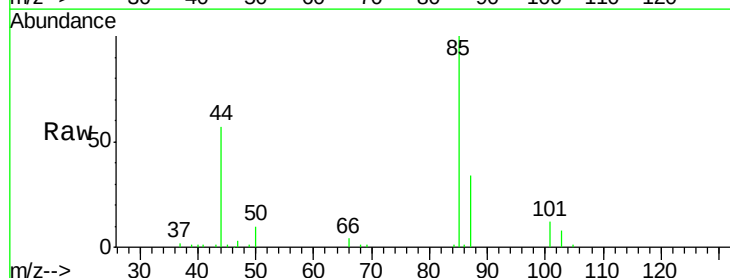
Acq: 05 May 2018 12:31

Tgt Ion: 85 Resp: 14815

Ion Ratio Lower Upper

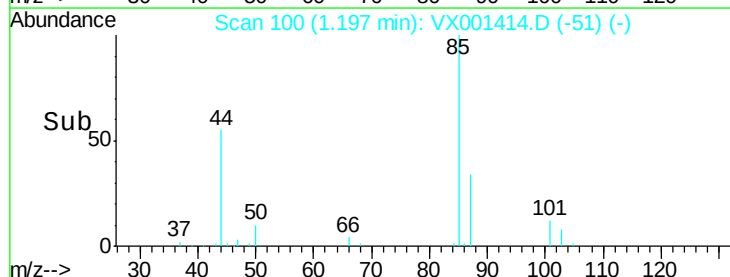
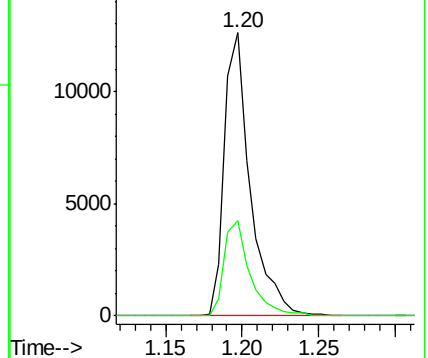
85 100

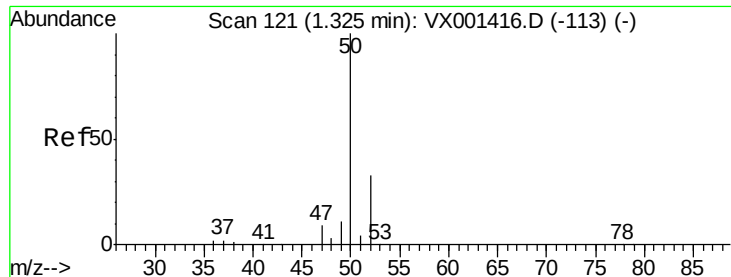
87 33.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

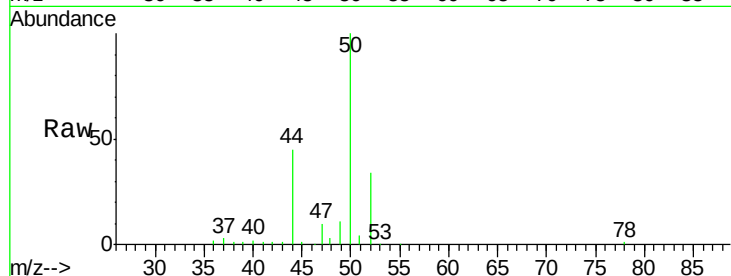
VSTDIC005

Tgt Ion: 50 Resp: 16083

Ion Ratio Lower Upper

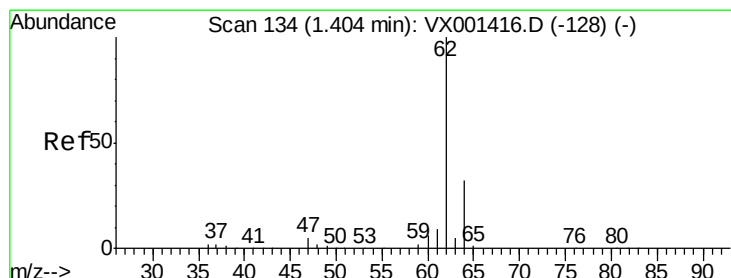
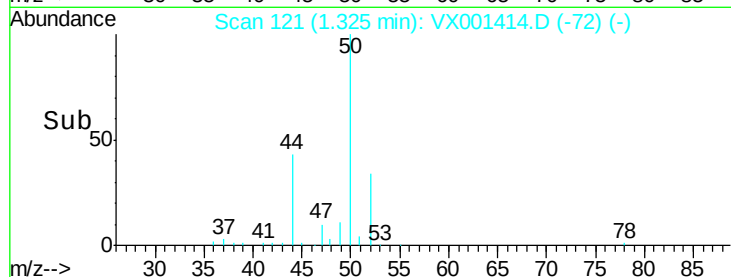
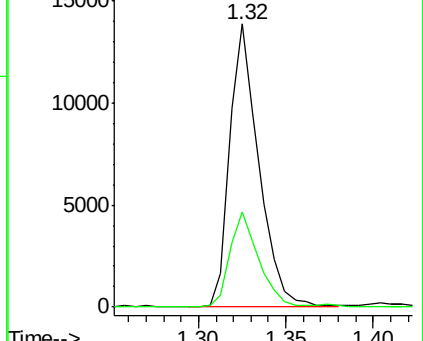
50 100

52 33.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.77 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001414.D

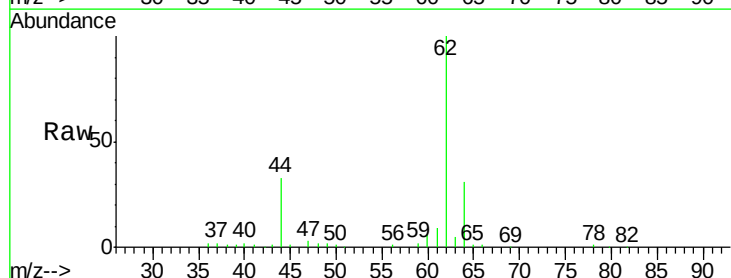
Acq: 05 May 2018 12:31

Tgt Ion: 62 Resp: 17064

Ion Ratio Lower Upper

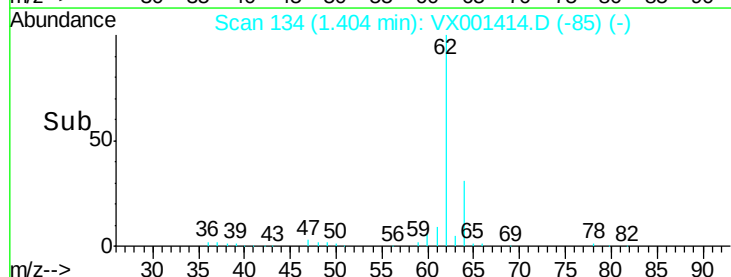
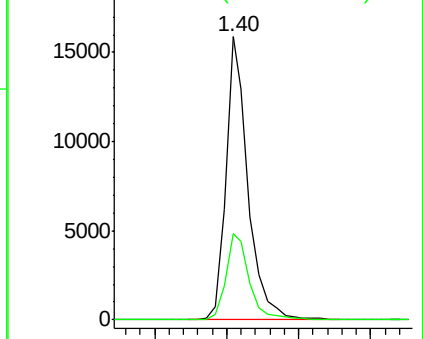
62 100

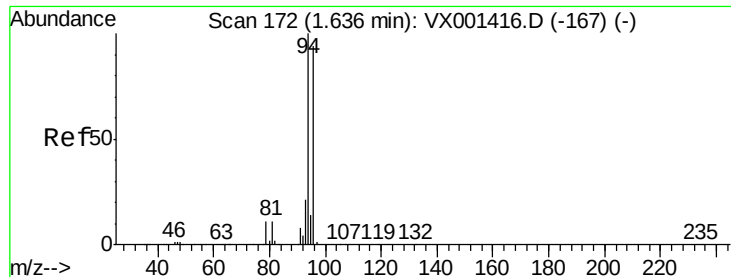
64 30.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

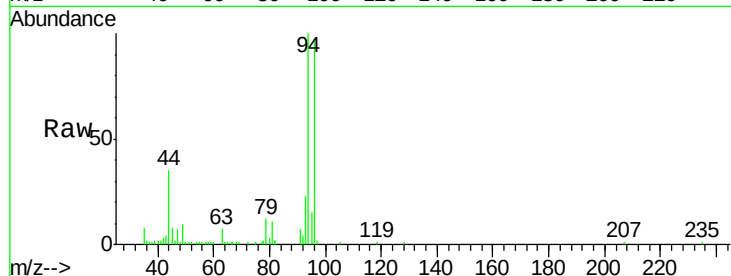
VSTDIC005

Tgt Ion: 94 Resp: 9794

Ion Ratio Lower Upper

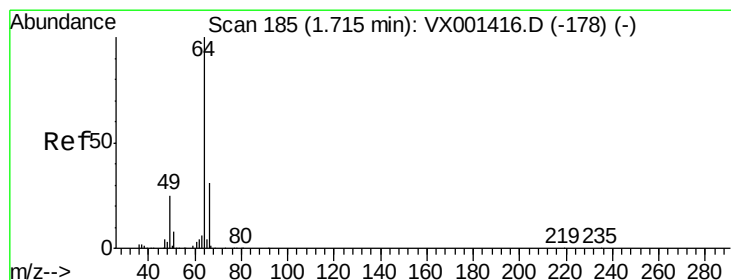
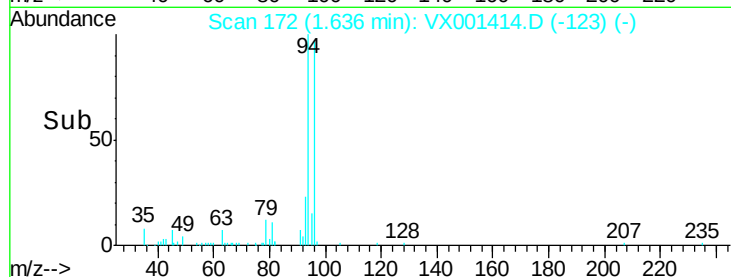
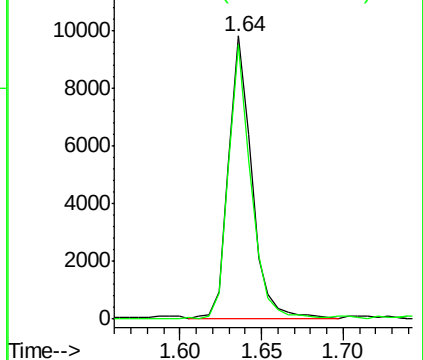
94 100

96 96.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.18 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001414.D

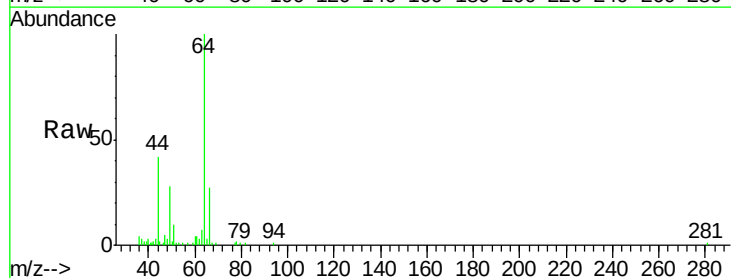
Acq: 05 May 2018 12:31

Tgt Ion: 64 Resp: 11681

Ion Ratio Lower Upper

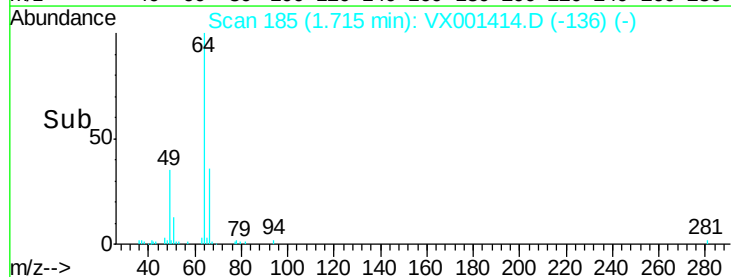
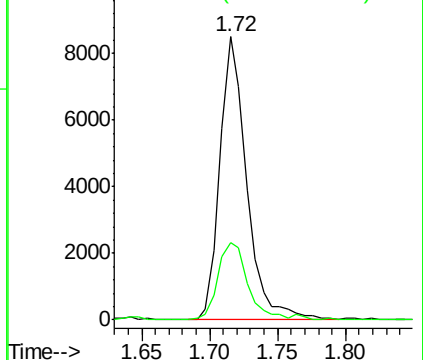
64 100

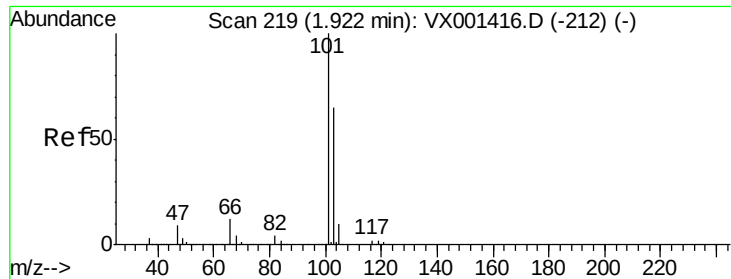
66 27.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



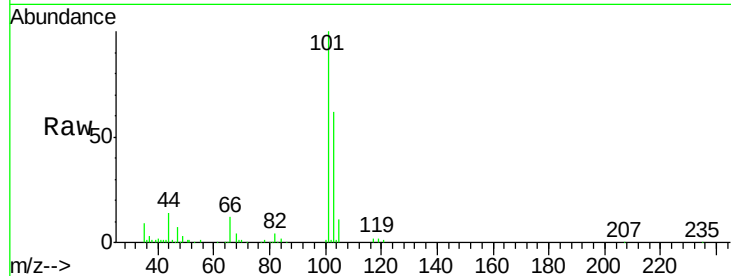


#7

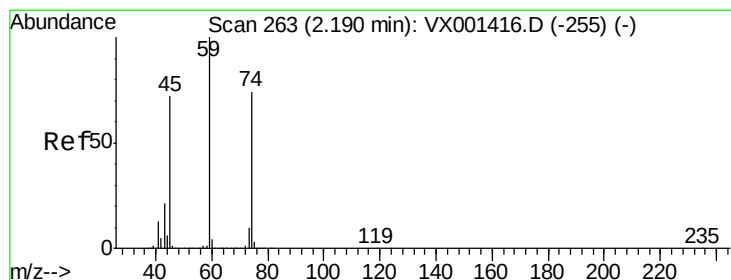
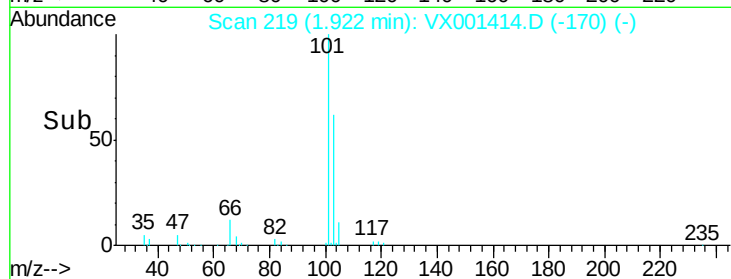
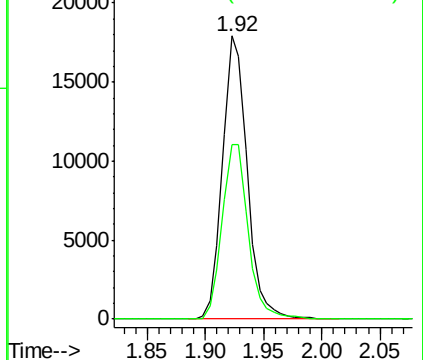
Trichlorofluoromethane
 Concen: 5.38 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 26405
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.0 78.0



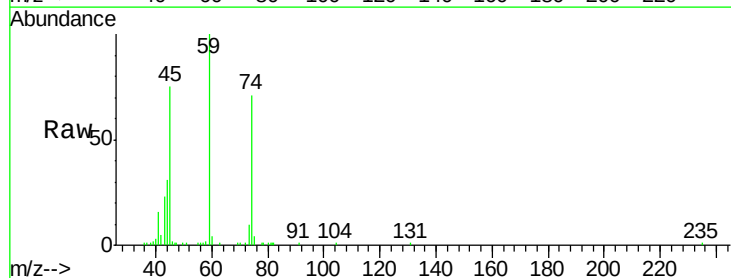
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



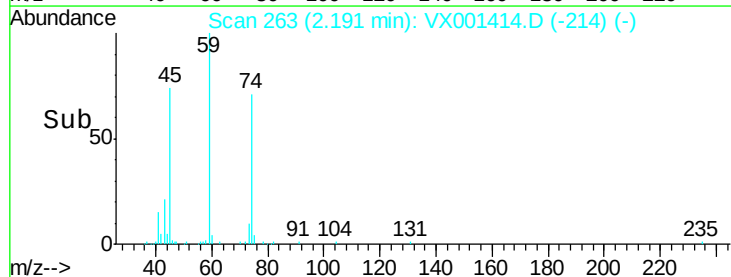
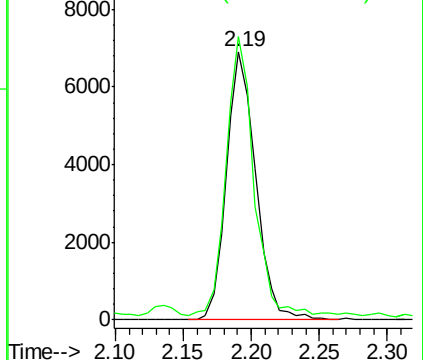
#8

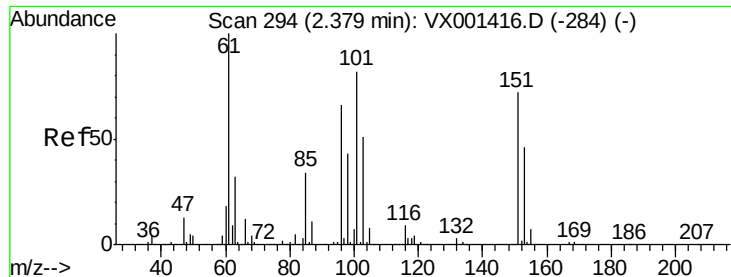
Diethyl Ether
 Concen: 6.01 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion: 74 Resp: 10331
 Ion Ratio Lower Upper
 74 100
 45 98.1 47.9 143.6



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: 5.55 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

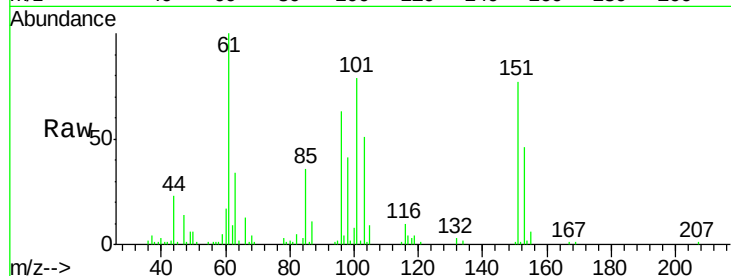
Tgt Ion:101 Resp: 15761

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

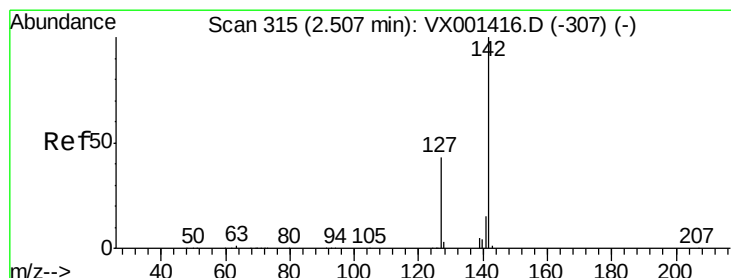
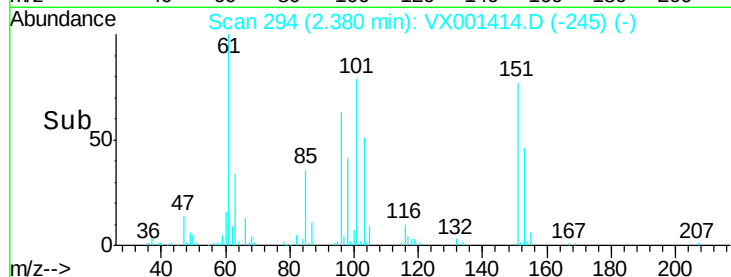
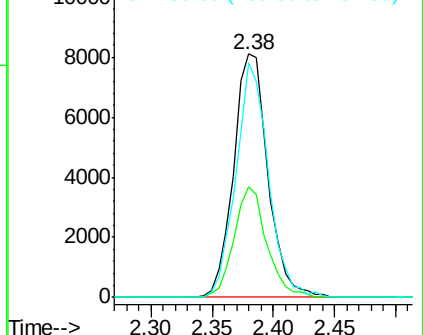
151 91.5 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

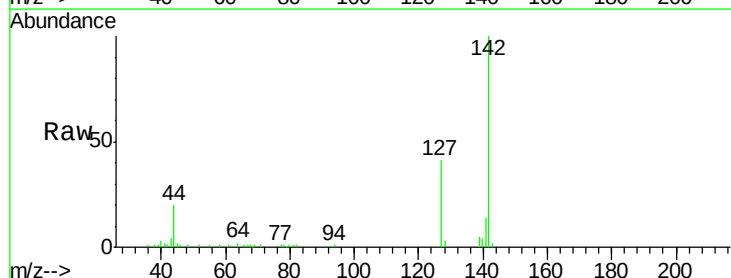
Tgt Ion:142 Resp: 19825

Ion Ratio Lower Upper

142 100

127 43.5 33.6 50.4

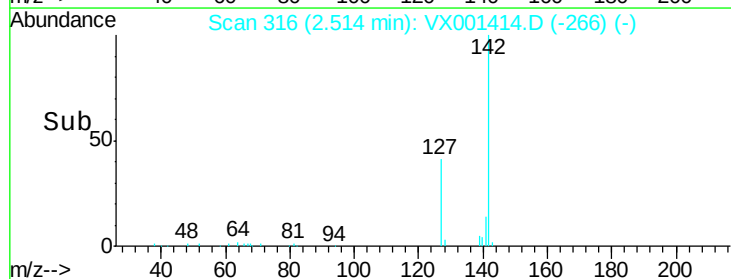
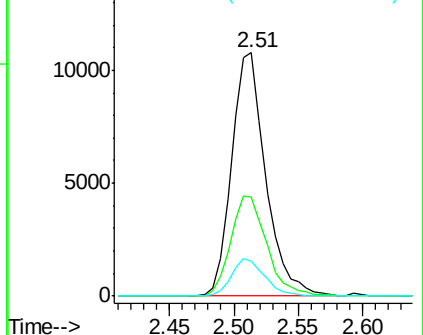
141 15.1 11.4 17.2

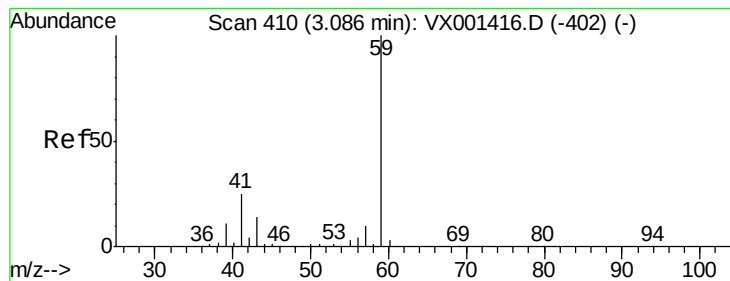


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 32.51 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

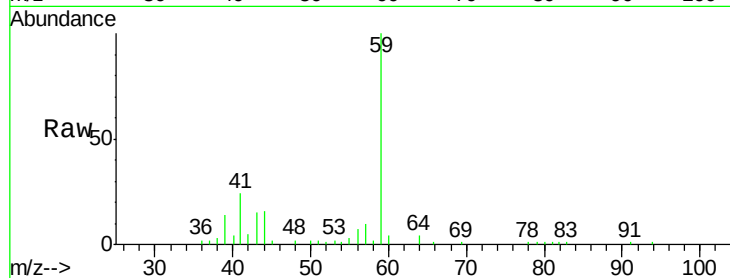
VSTDIC005

Tgt Ion: 59 Resp: 20394

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.09

10000

8000

6000

4000

2000

0

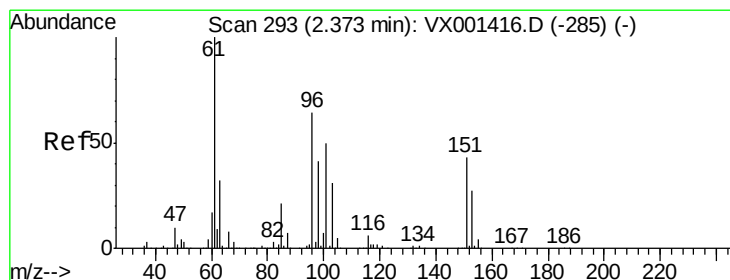
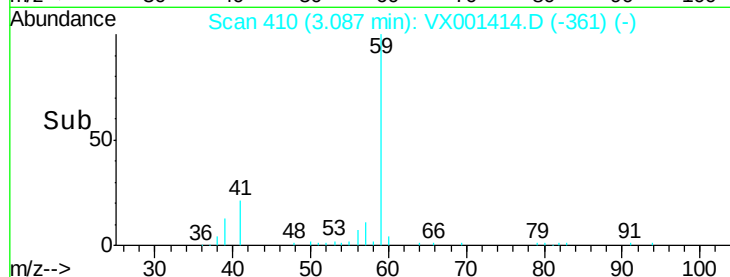
Time-->

3.00

3.05

3.10

3.15



#12

1,1-Dichloroethene

Concen: 5.49 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

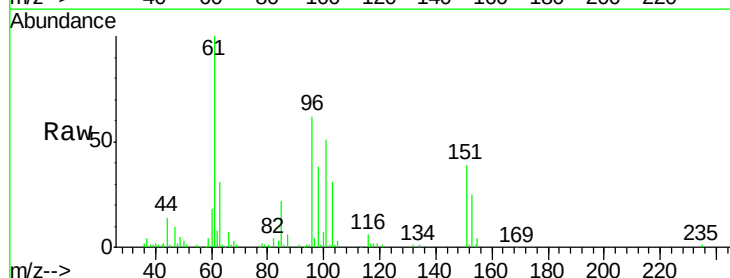
Tgt Ion: 96 Resp: 14101

Ion Ratio Lower Upper

96 100

61 161.3 125.7 188.5

98 61.9 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

15000

10000

5000

0

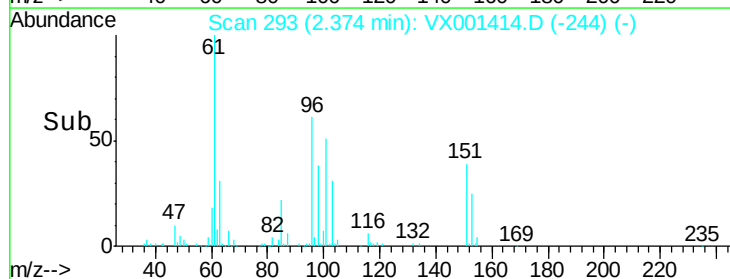
Time-->

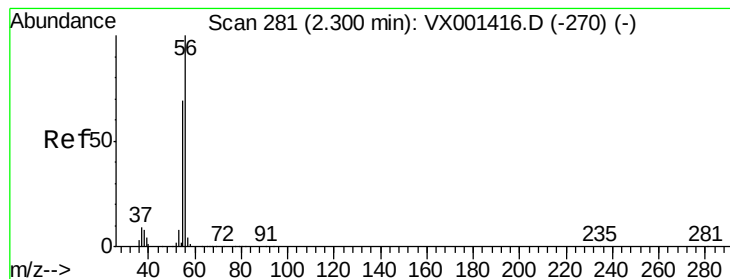
2.30

2.35

2.40

2.45





#13

Acrolein

Concen: 24.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

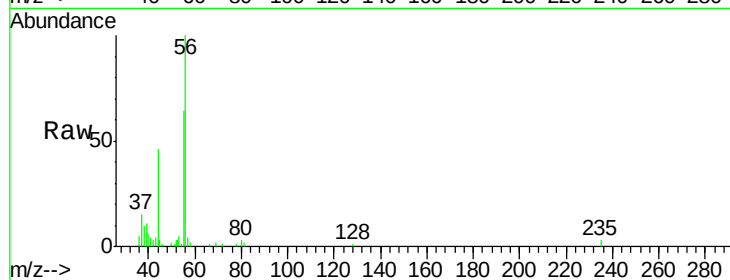
VSTDIC005

Tgt Ion: 56 Resp: 7558

Ion Ratio Lower Upper

56 100

55 59.9 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

4000

3000

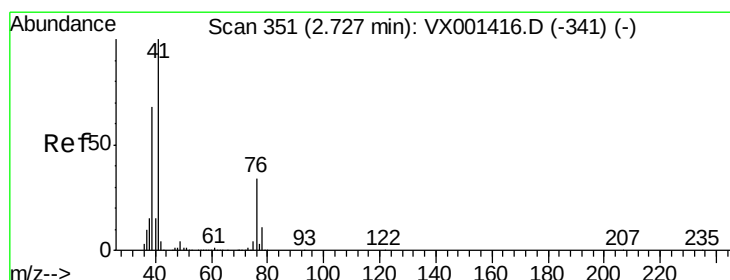
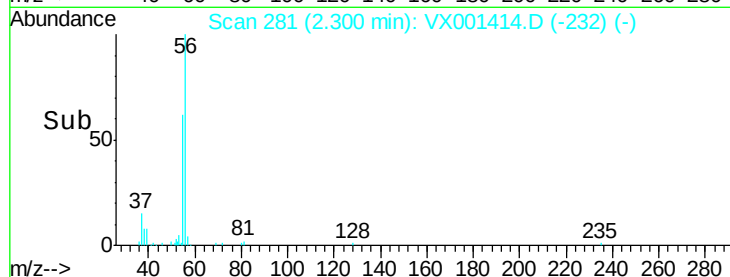
2000

1000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 5.70 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

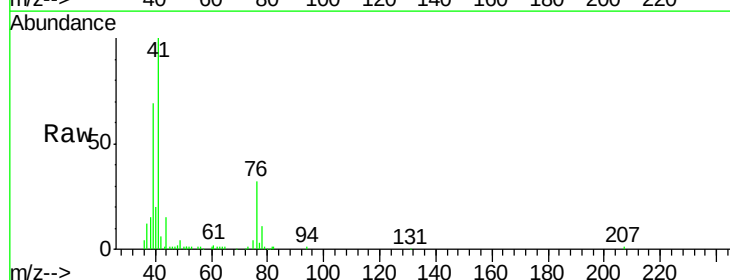
Tgt Ion: 41 Resp: 25849

Ion Ratio Lower Upper

41 100

39 67.4 52.4 78.6

76 32.6 25.8 38.6



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

15000

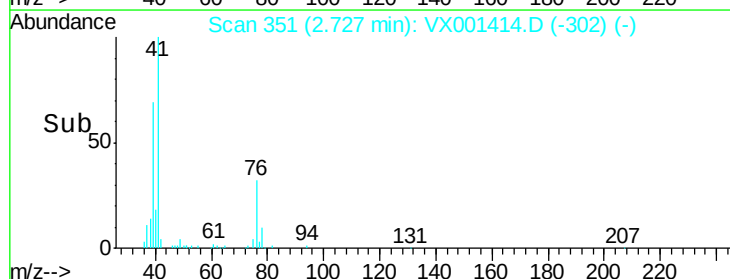
10000

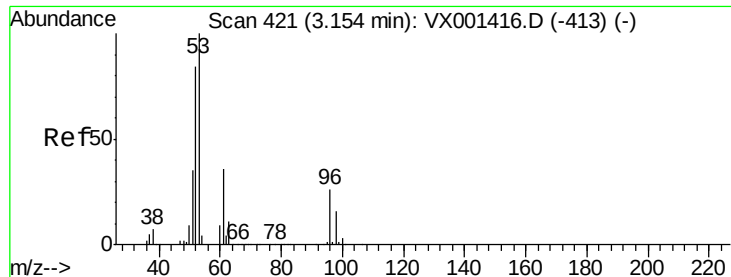
5000

0

Time-->

2.65 2.70 2.75 2.80





#15

Acrylonitrile

Concen: 30.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

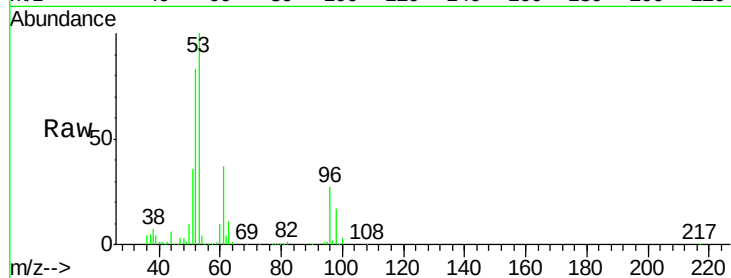
Tgt Ion: 53 Resp: 44117

Ion Ratio Lower Upper

53 100

52 84.7 66.2 99.2

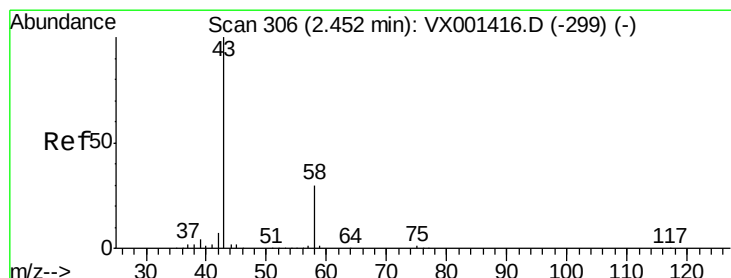
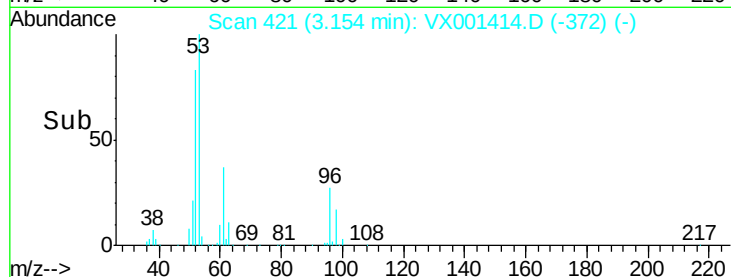
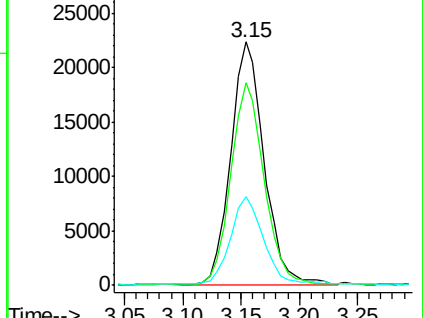
51 38.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 27.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001414.D

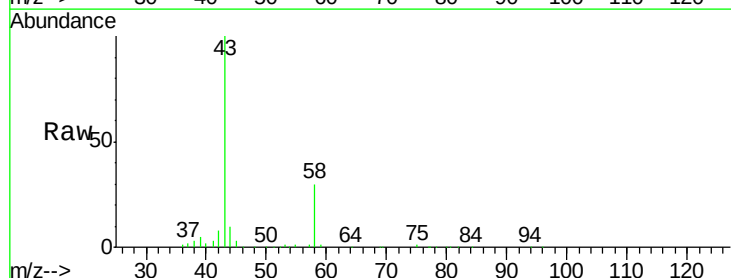
Acq: 05 May 2018 12:31

Tgt Ion: 43 Resp: 41577

Ion Ratio Lower Upper

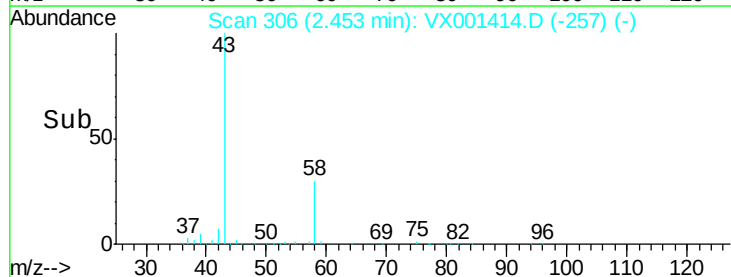
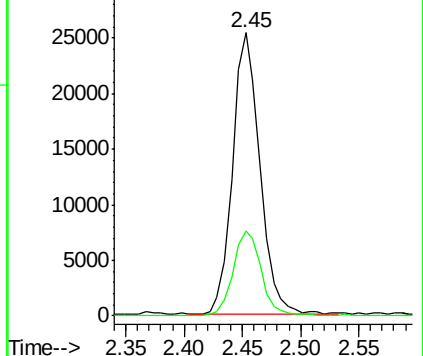
43 100

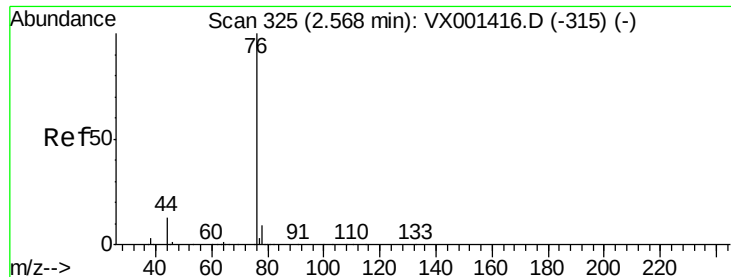
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.84 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

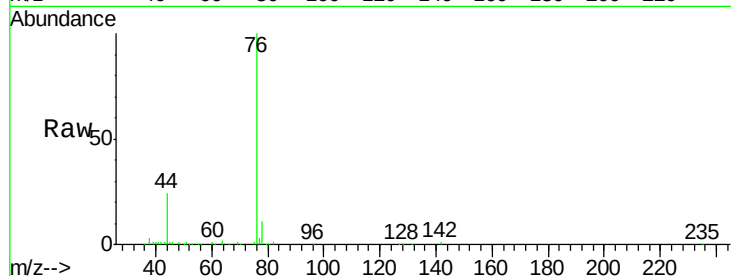
VSTDIC005

Tgt Ion: 76 Resp: 32522

Ion Ratio Lower Upper

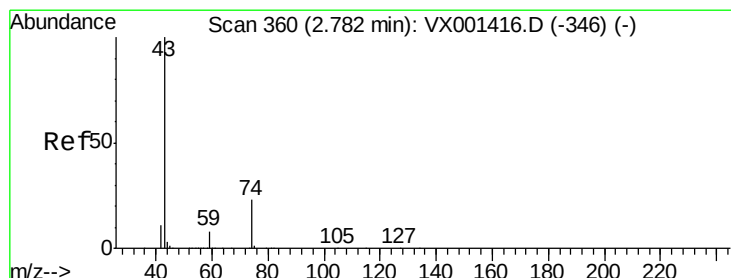
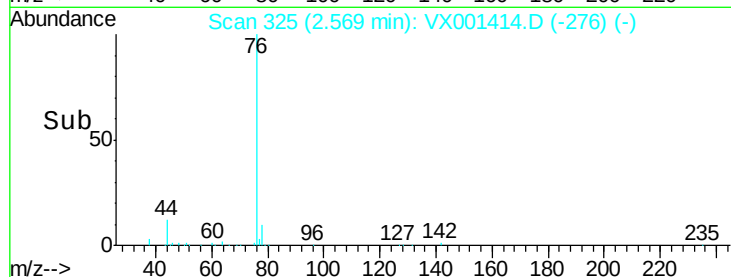
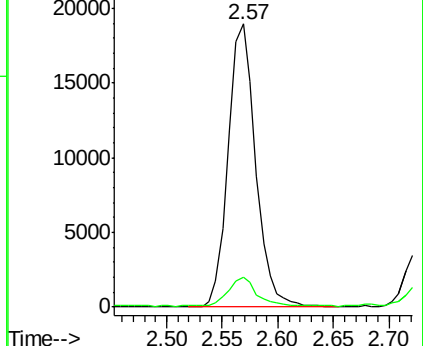
76 100

78 10.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 6.19 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001414.D

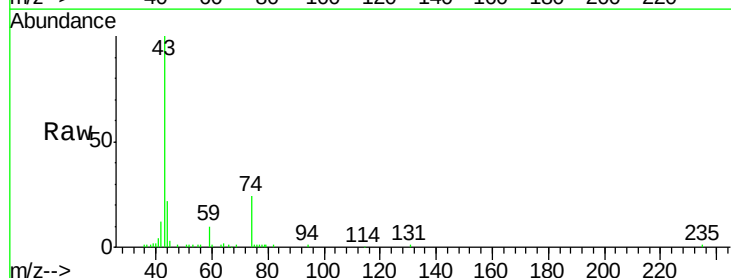
Acq: 05 May 2018 12:31

Tgt Ion: 43 Resp: 22382

Ion Ratio Lower Upper

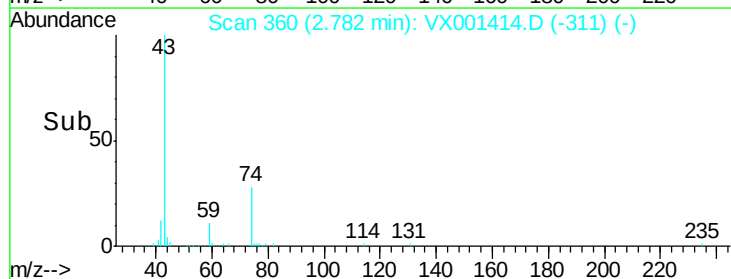
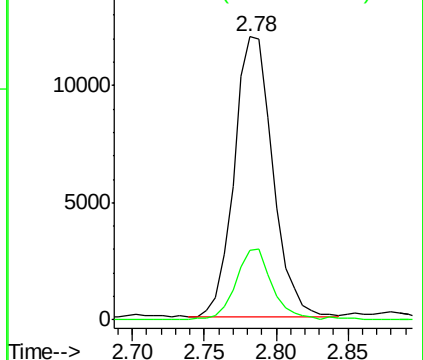
43 100

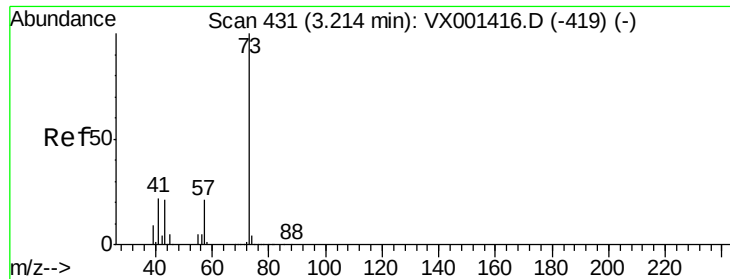
74 23.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

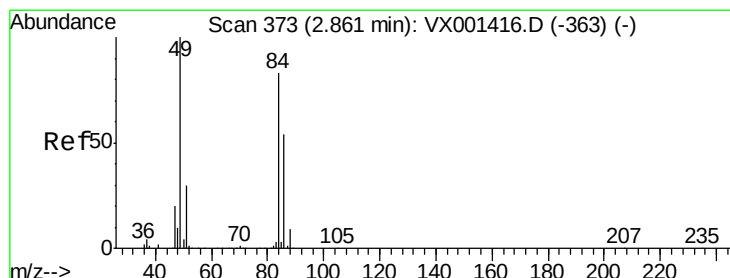
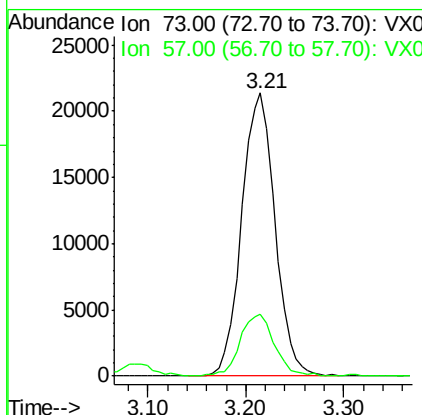
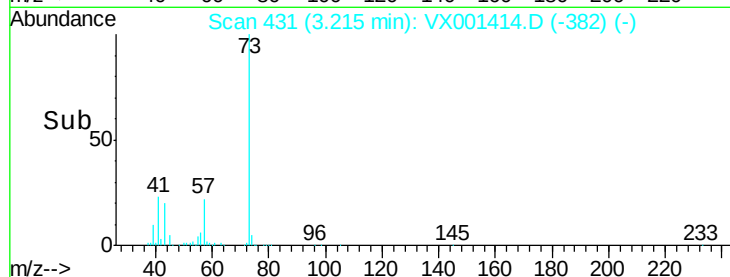
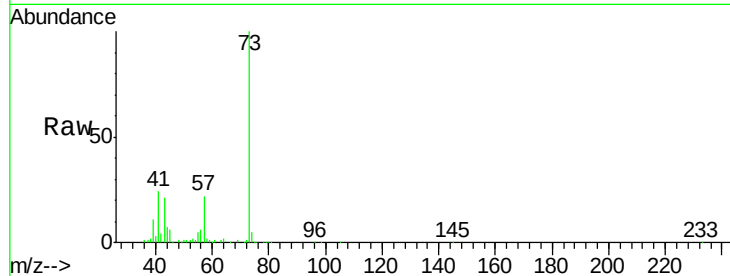




#19
Methyl tert-butyl Ether
Concen: 5.78 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

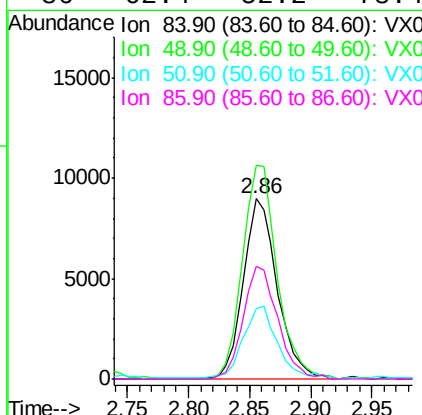
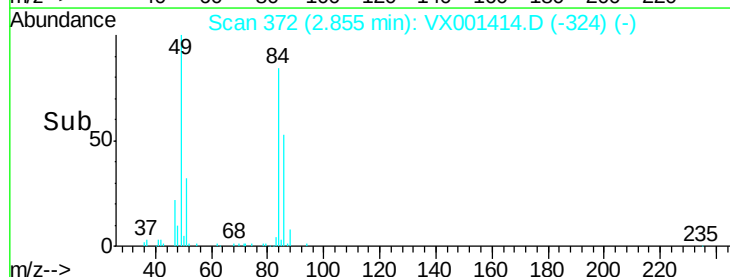
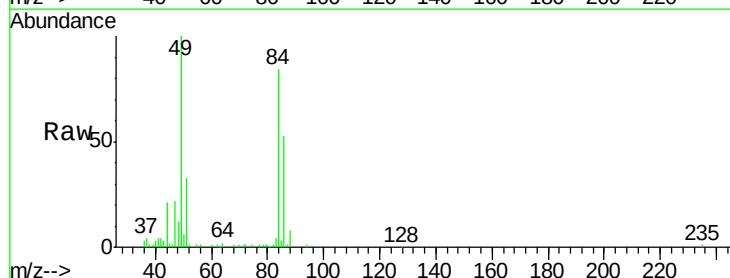
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

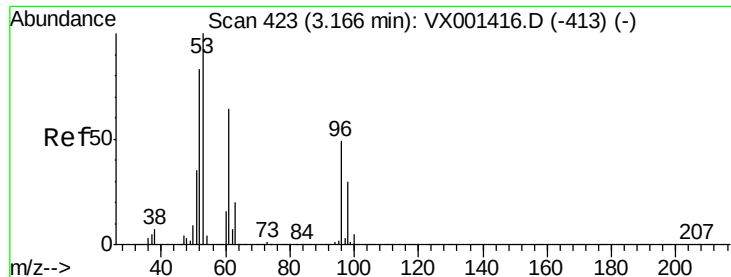
Tgt Ion: 73 Resp: 50585
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 5.31 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 84 Resp: 17382
Ion Ratio Lower Upper
84 100
49 118.6 96.6 144.8
51 39.3 29.0 43.4
86 62.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.76 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

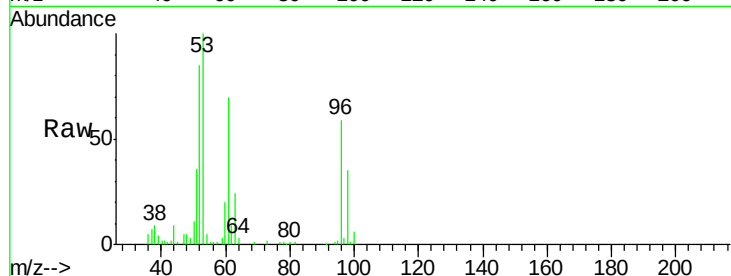
Tgt Ion: 96 Resp: 16149

Ion Ratio Lower Upper

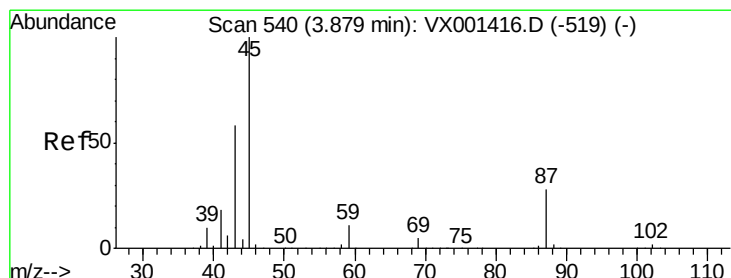
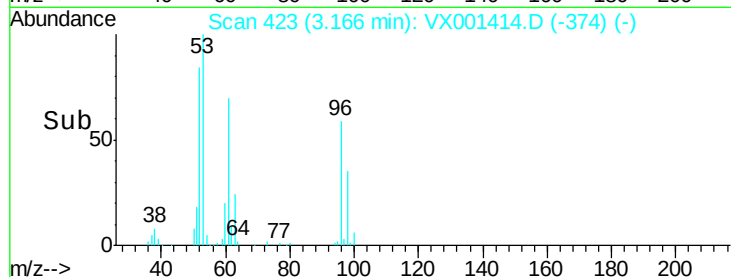
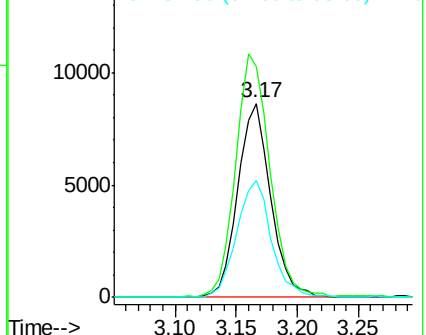
96 100

61 118.3 105.0 157.4

98 60.1 49.9 74.9



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



#22

Diisopropyl ether

Concen: 5.45 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Tgt Ion: 45 Resp: 47331

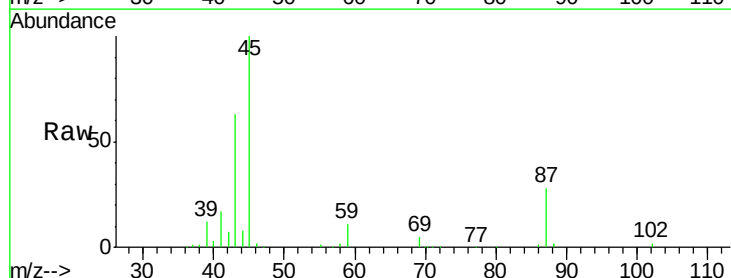
Ion Ratio Lower Upper

45 100

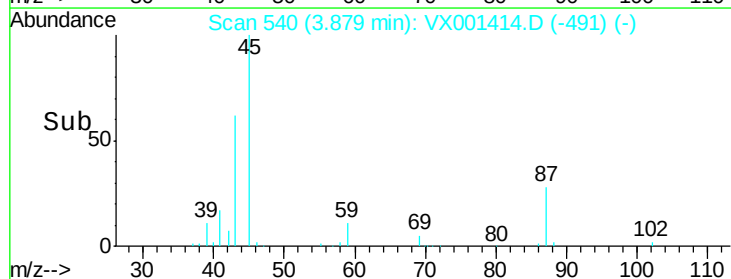
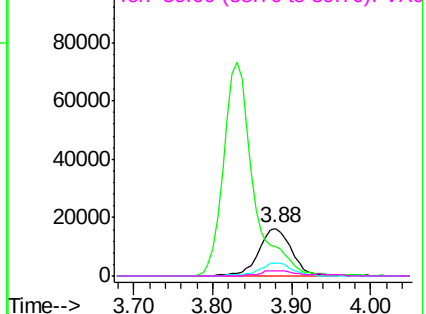
43 62.2 46.5 69.7

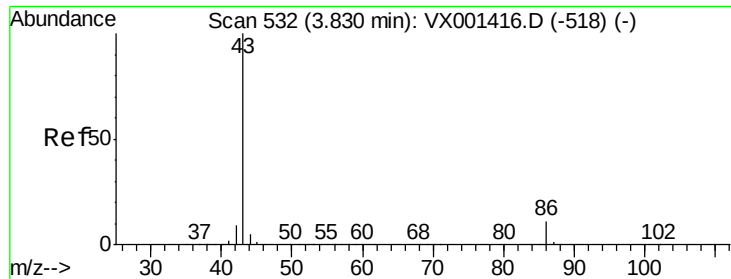
87 27.8 22.6 34.0

59 11.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 26.48 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

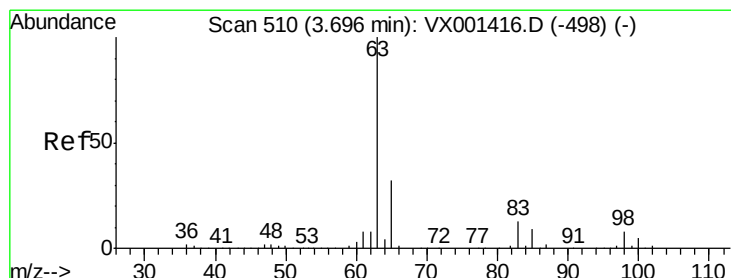
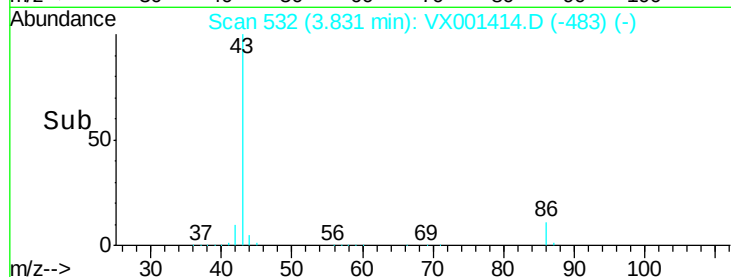
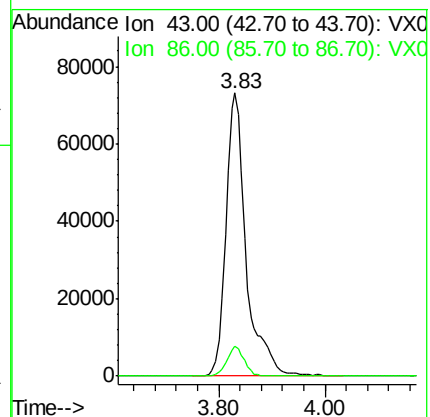
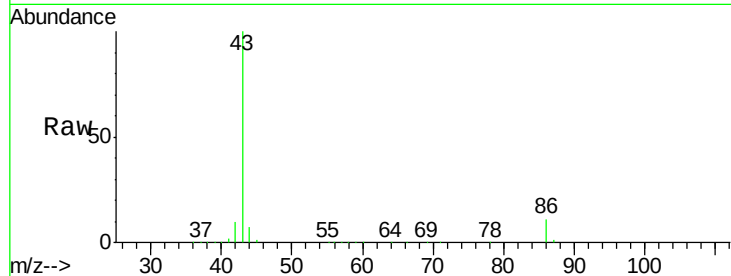
VSTDIC005

Tgt Ion: 43 Resp: 194744

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 5.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

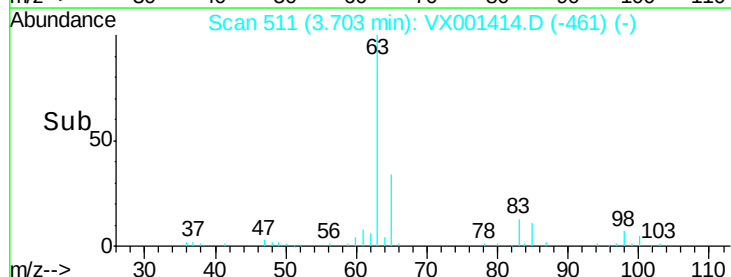
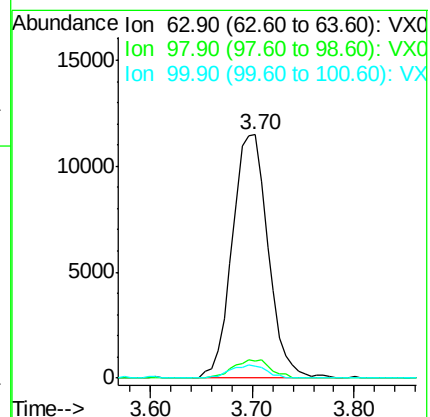
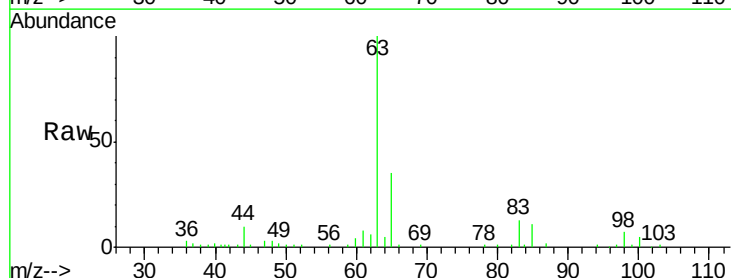
Tgt Ion: 63 Resp: 27926

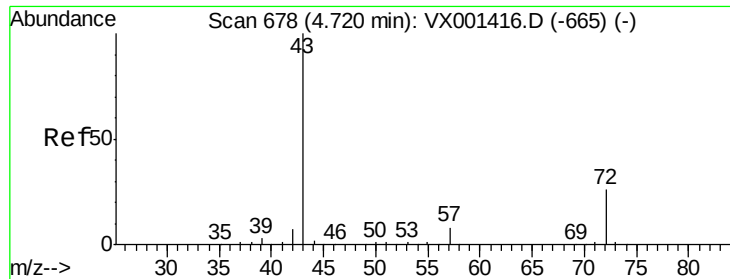
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 28.74 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

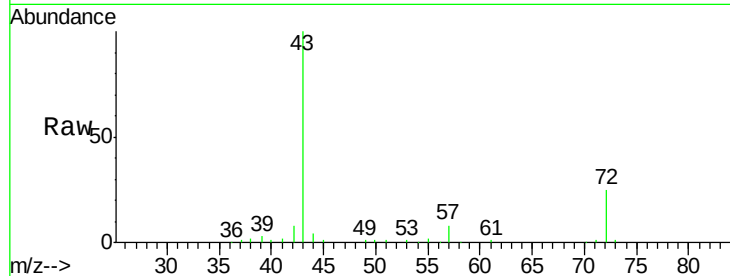
VSTDIC005

Tgt Ion: 43 Resp: 59306

Ion Ratio Lower Upper

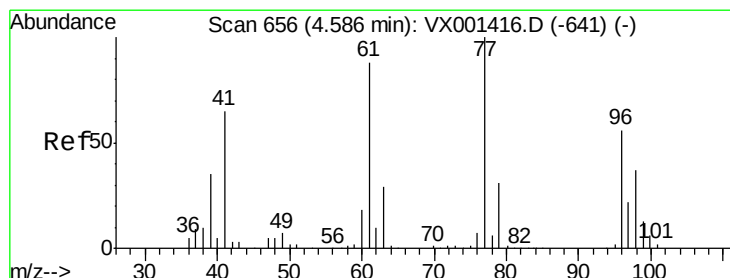
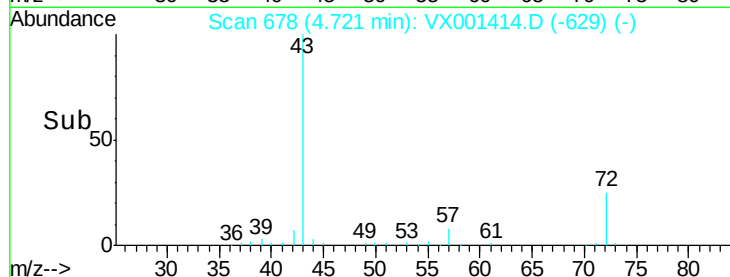
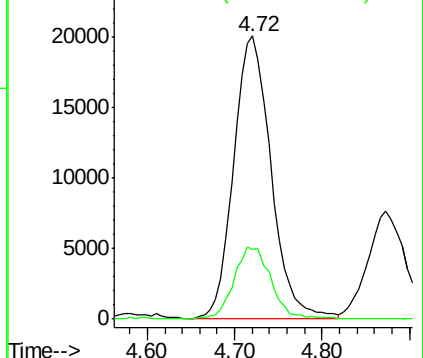
43 100

72 24.7 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001414.D

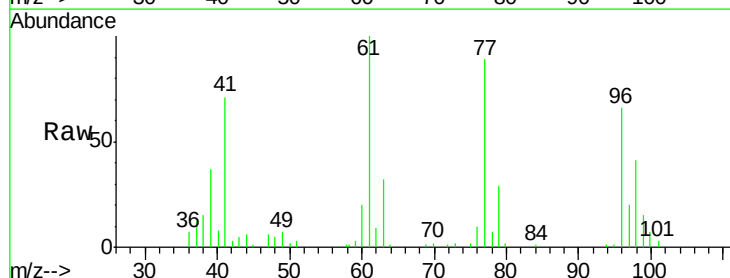
Acq: 05 May 2018 12:31

Tgt Ion: 77 Resp: 19689

Ion Ratio Lower Upper

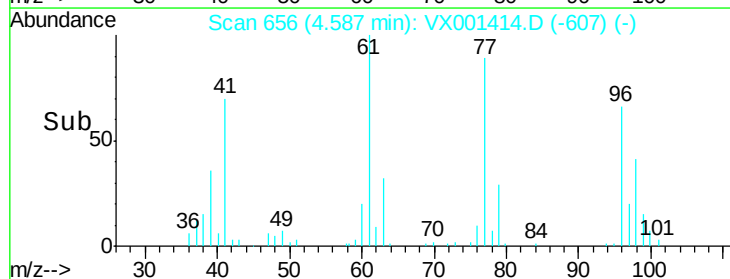
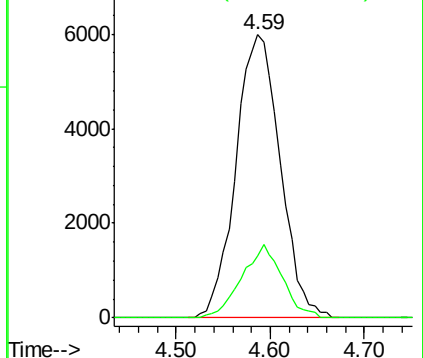
77 100

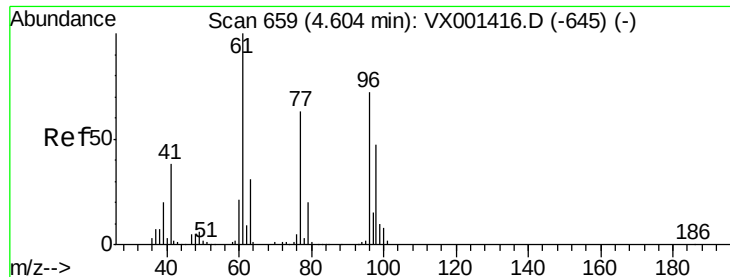
97 23.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 5.60 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

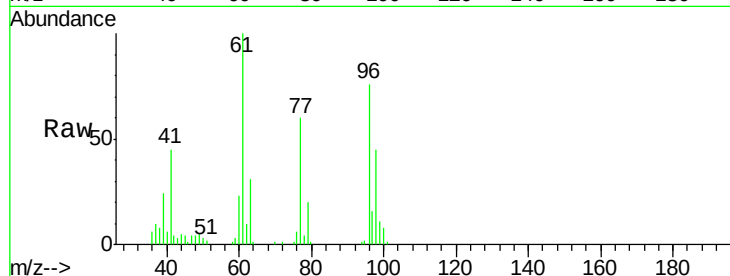
Tgt Ion: 96 Resp: 17175

Ion Ratio Lower Upper

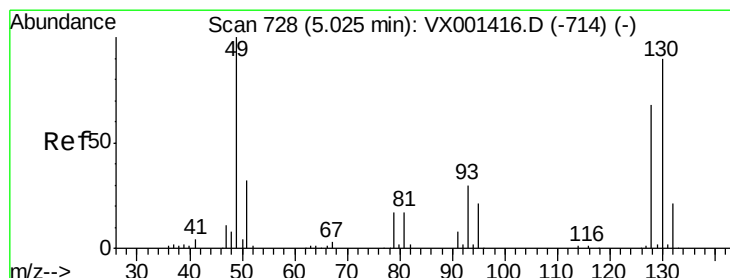
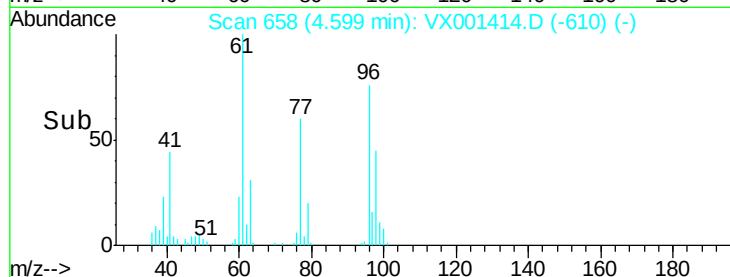
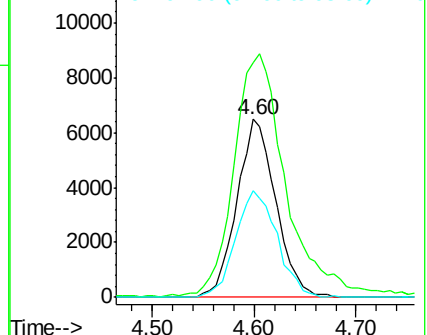
96 100

61 186.6 0.0 301.6

98 63.7 0.0 131.6



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



#28

Bromochloromethane

Concen: 5.65 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

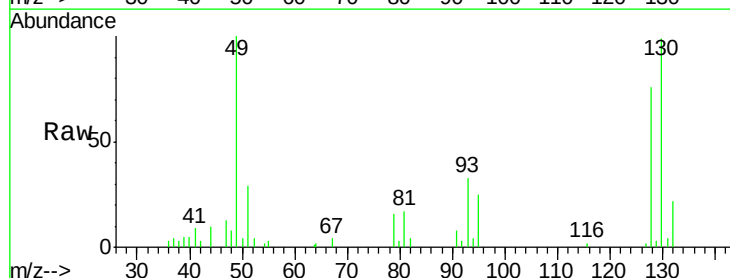
Tgt Ion: 49 Resp: 12118

Ion Ratio Lower Upper

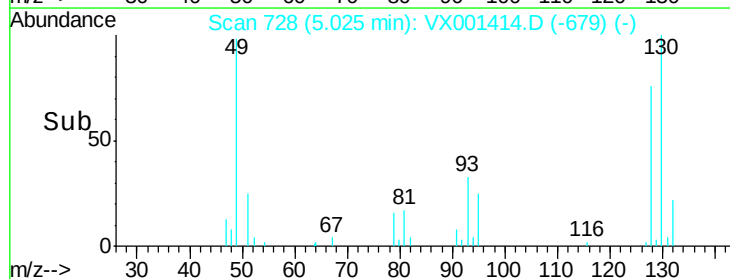
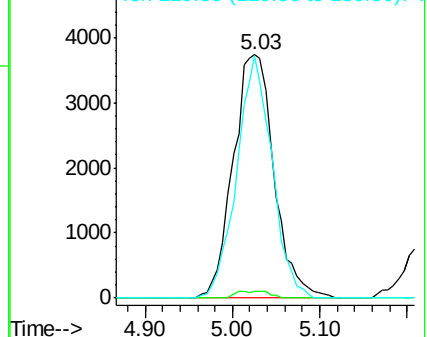
49 100

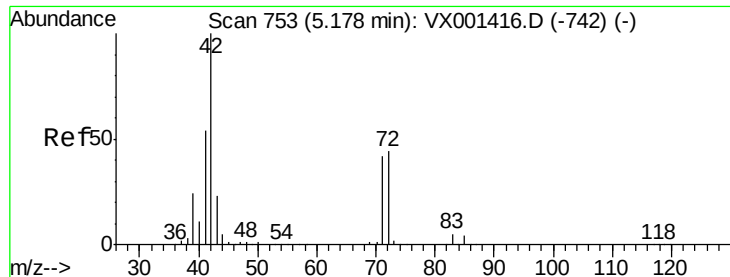
129 1.1 0.0 4.8

130 86.0 71.9 107.9



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

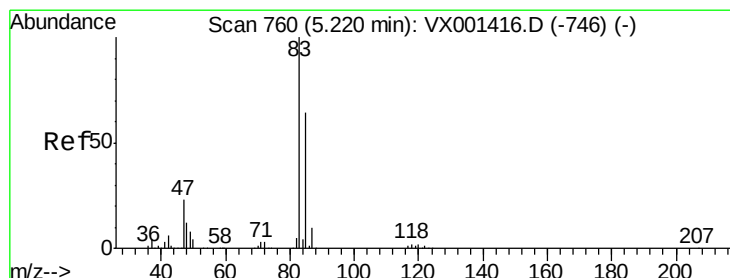
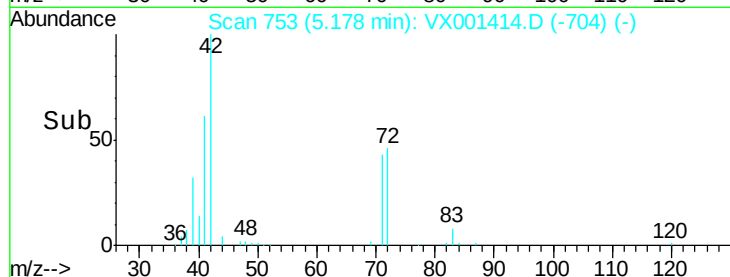
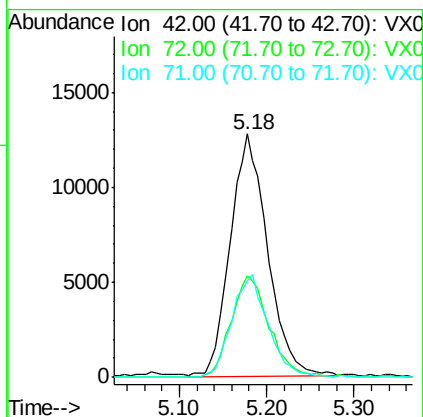
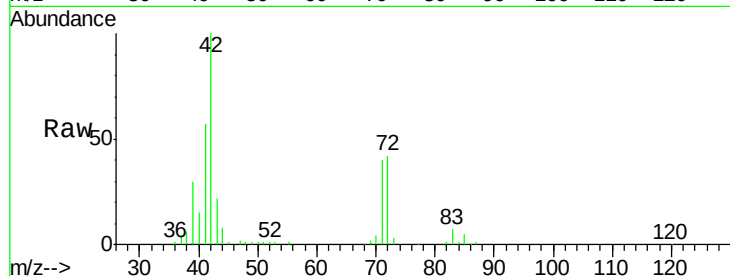




#29
Tetrahydrofuran
Concen: 29.43 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

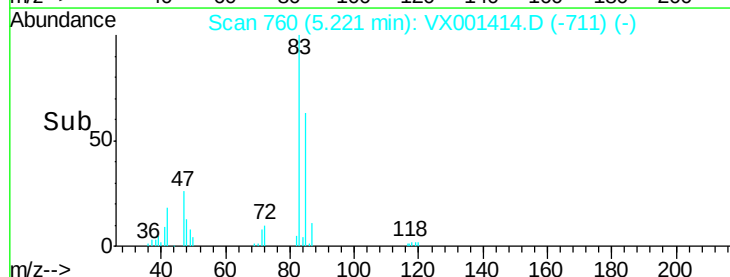
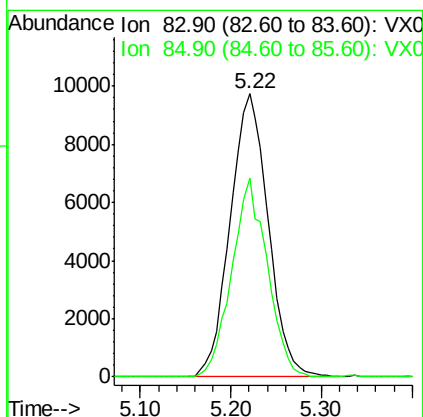
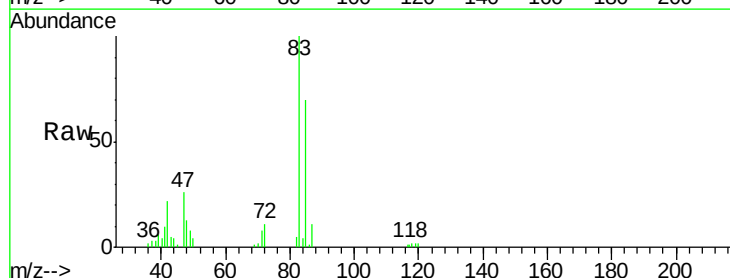
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

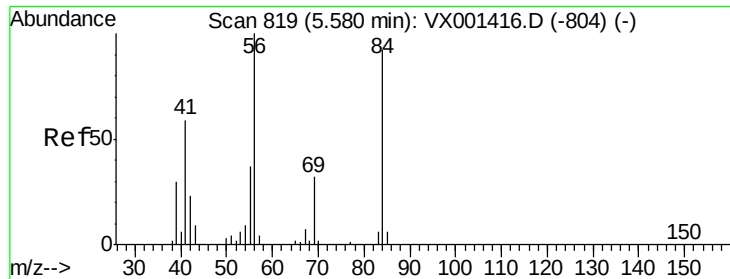
Tgt Ion: 42 Resp: 37644
Ion Ratio Lower Upper
42 100
72 42.8 35.4 53.2
71 41.5 33.0 49.4



#30
Chloroform
Concen: 5.53 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 83 Resp: 28247
Ion Ratio Lower Upper
83 100
85 70.3 51.0 76.4

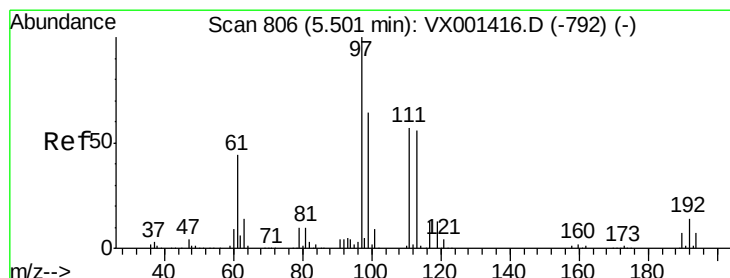
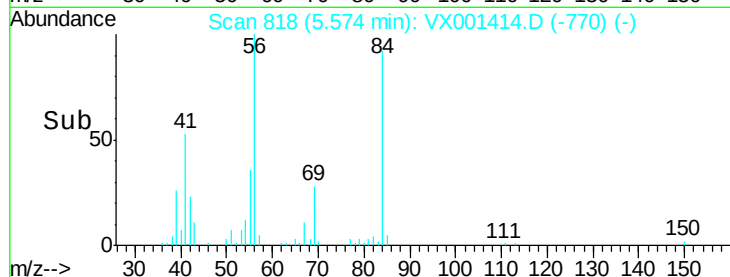
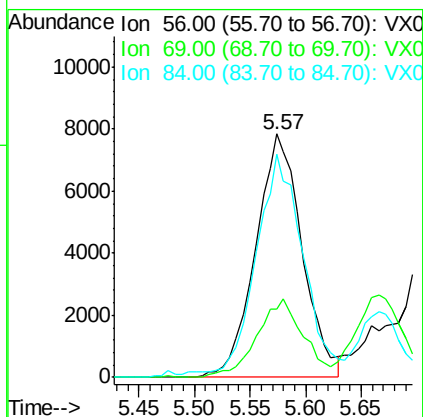
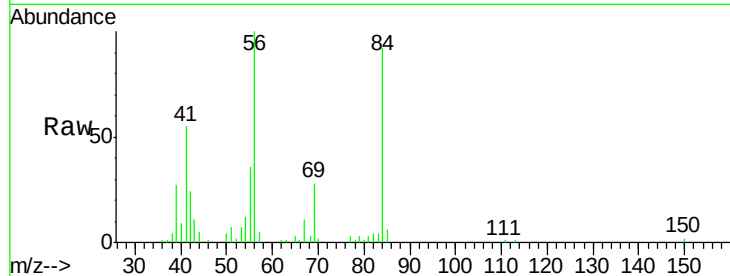




#31
Cyclohexane
Concen: 5.21 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

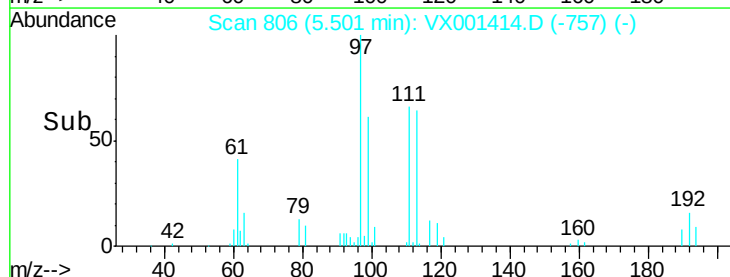
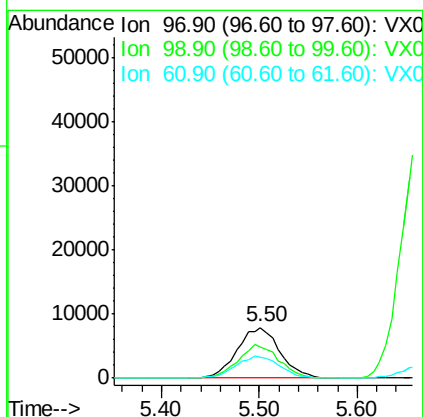
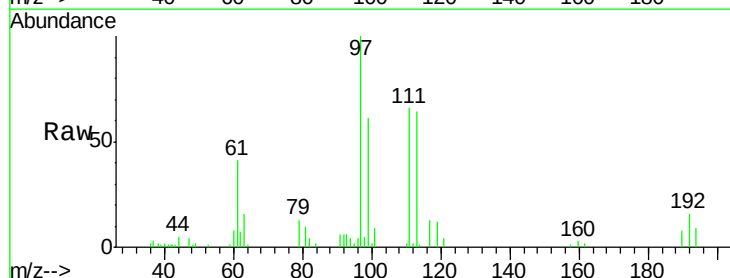
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

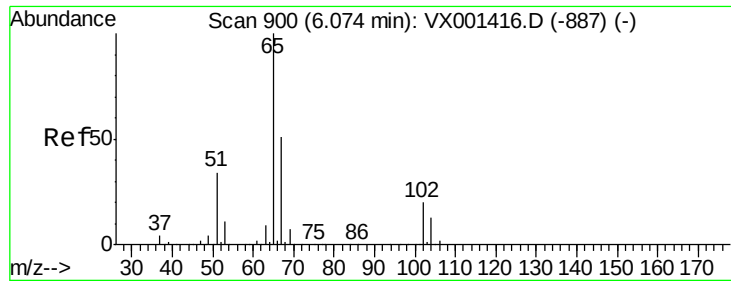
Tgt Ion: 56 Resp: 22740
Ion Ratio Lower Upper
56 100
69 28.3 25.4 38.0
84 89.5 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 5.31 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 97 Resp: 23722
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 45.2 34.8 52.2

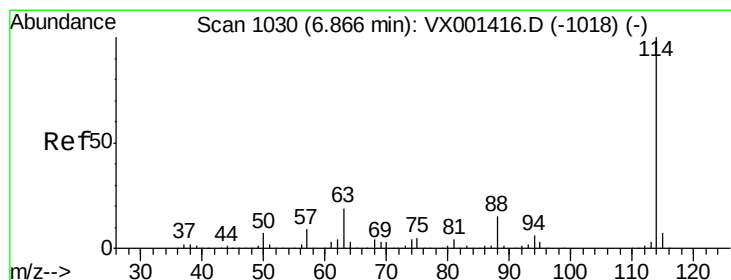
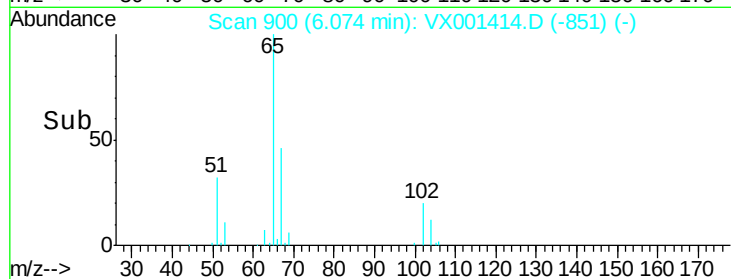
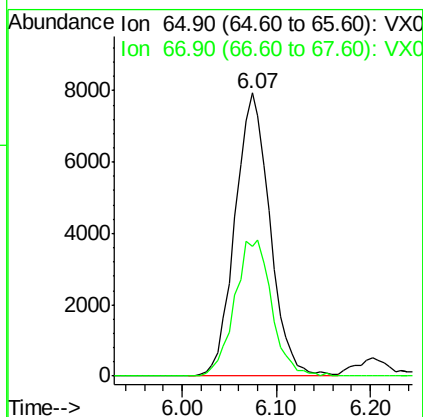
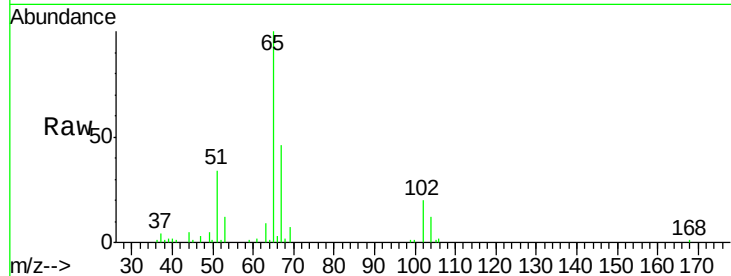




#33
 1,2-Dichloroethane-d4
 Concen: 5.84 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

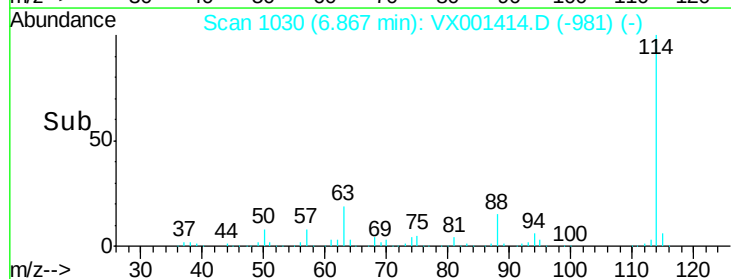
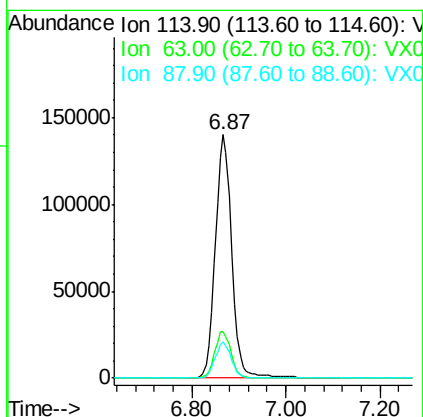
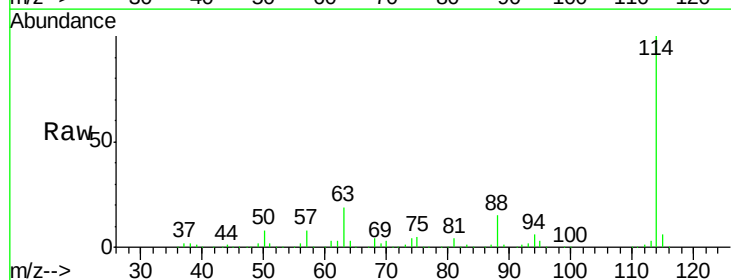
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

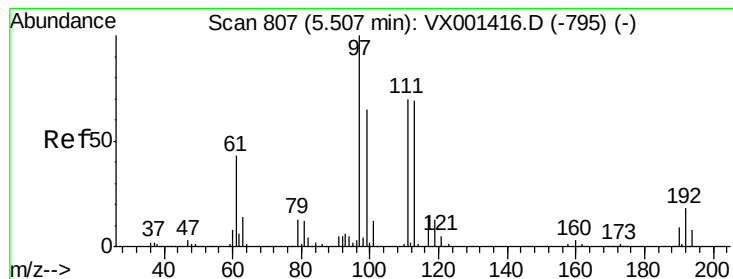
Tgt Ion: 65 Resp: 20524
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion: 114 Resp: 338498
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 5.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

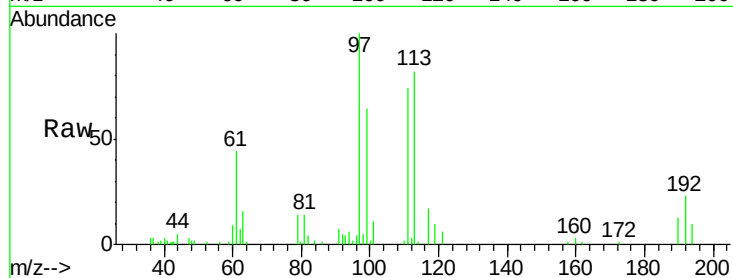
Tgt Ion:113 Resp: 15812

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

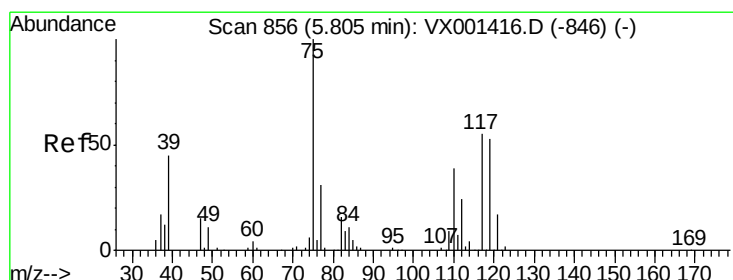
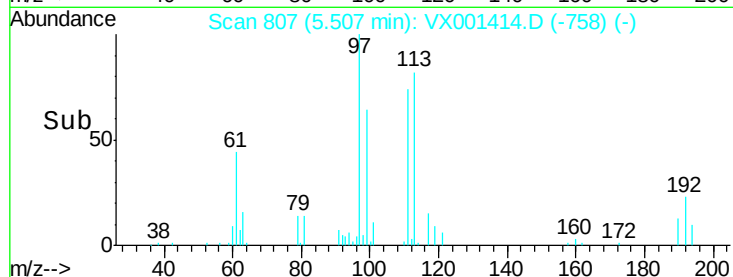
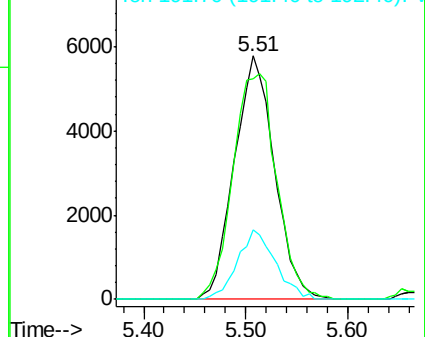
192 26.9 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

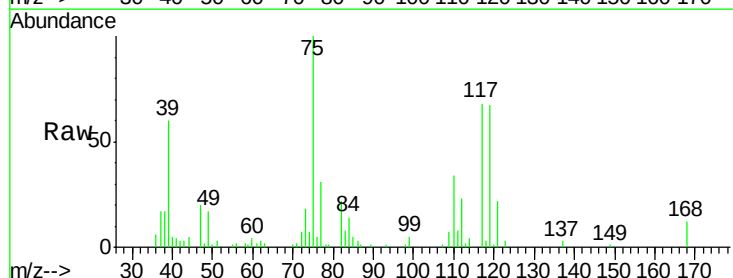
Tgt Ion: 75 Resp: 20487

Ion Ratio Lower Upper

75 100

110 36.9 18.9 56.7

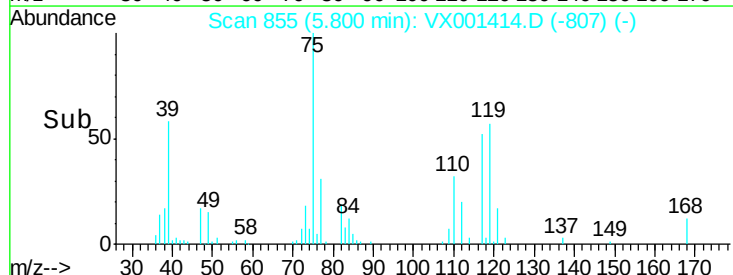
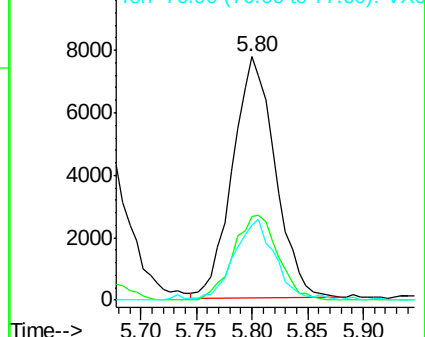
77 30.3 24.9 37.3

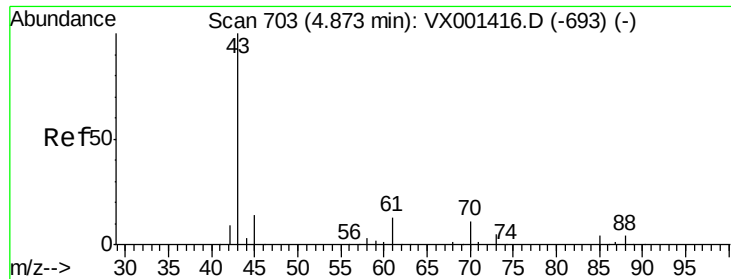


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 5.52 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

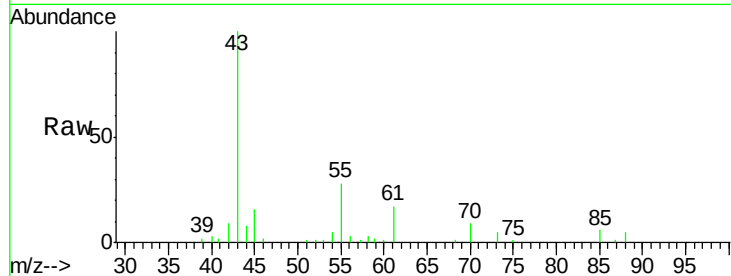
Tgt Ion: 43 Resp: 22523

Ion Ratio Lower Upper

43 100

61 14.4 10.7 16.1

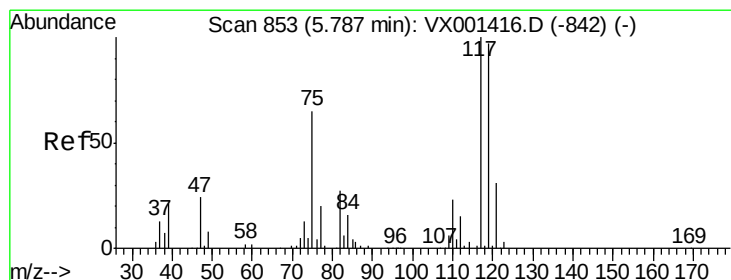
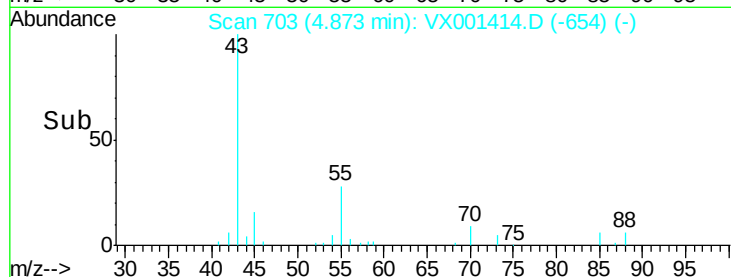
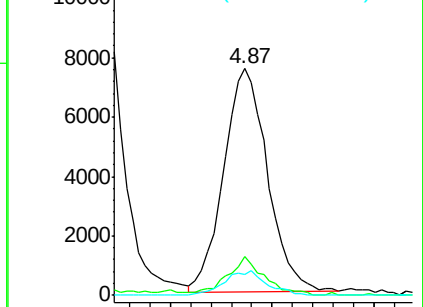
70 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.00 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

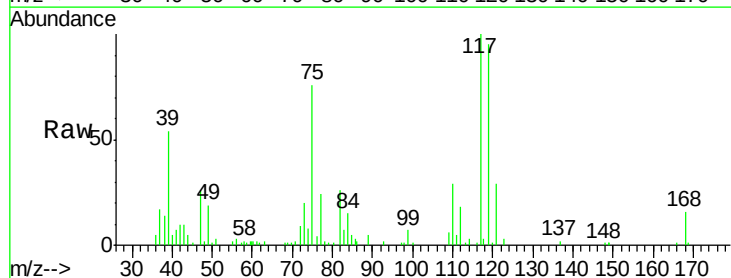
Tgt Ion: 117 Resp: 20992

Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.6

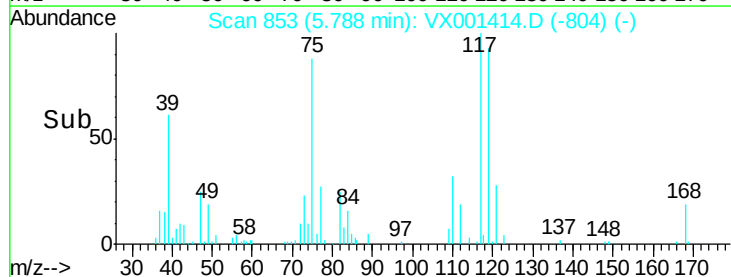
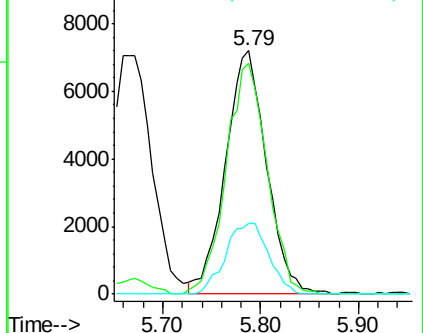
121 29.1 25.1 37.7

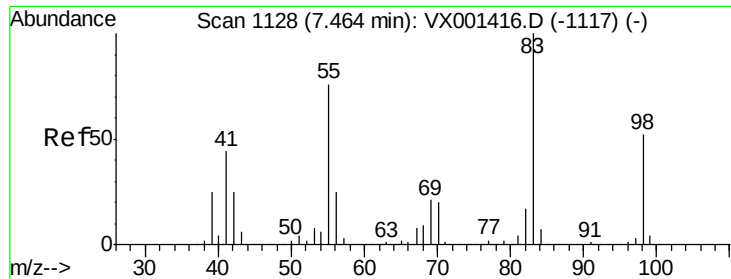


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

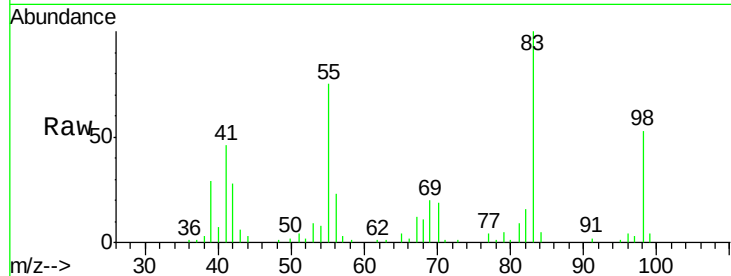




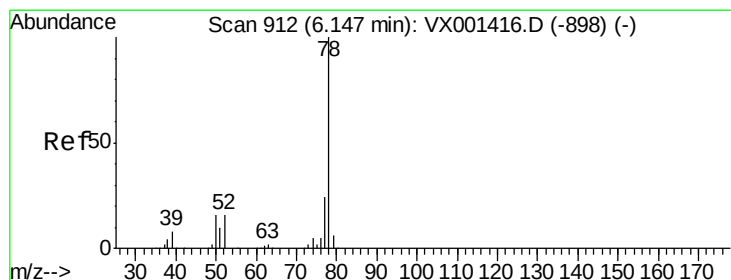
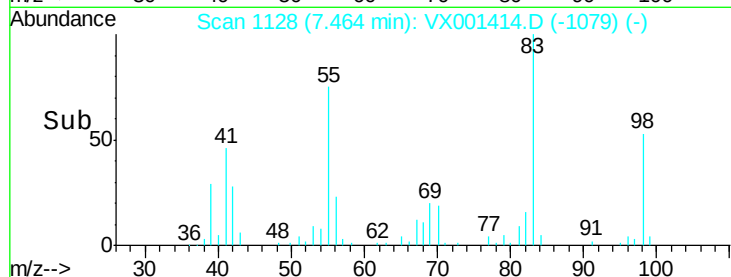
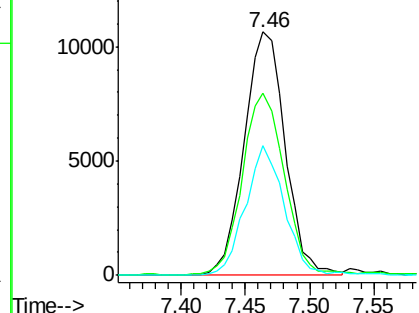
#39
Methylcyclohexane
Concen: 4.96 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.9	91.3
98	53.4	41.9	62.9

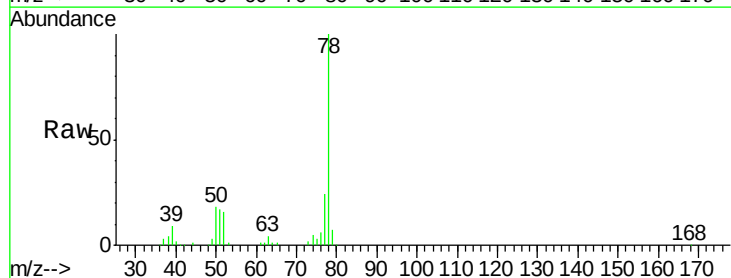


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

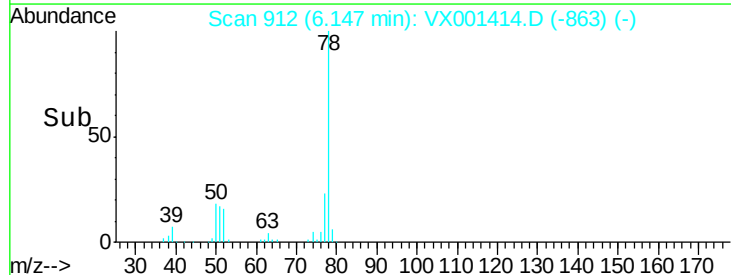
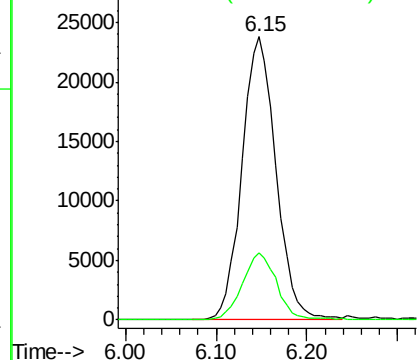


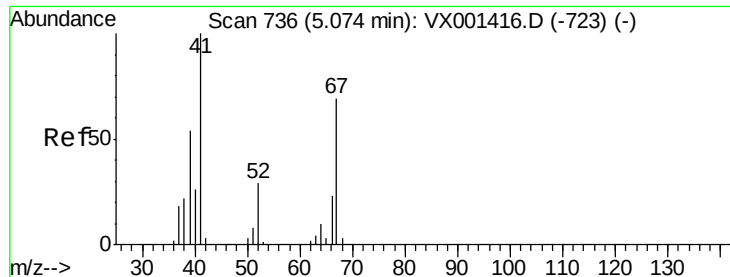
#40
Benzene
Concen: 5.37 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2



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

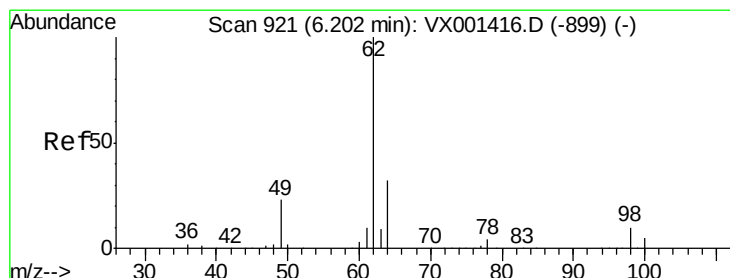
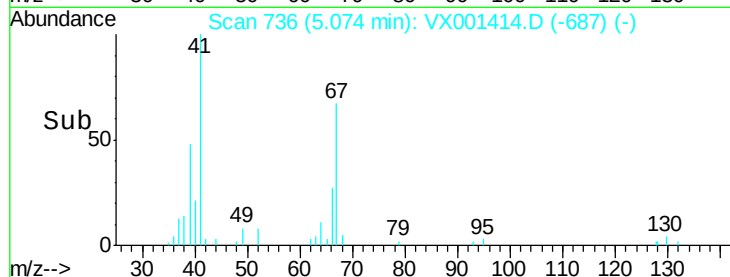
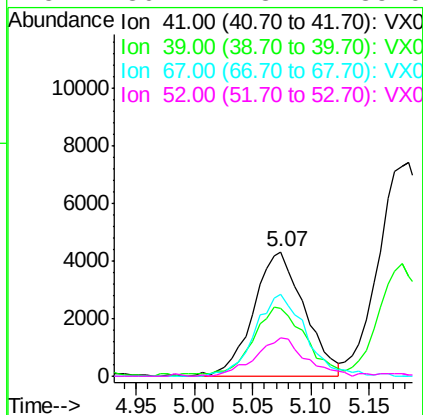
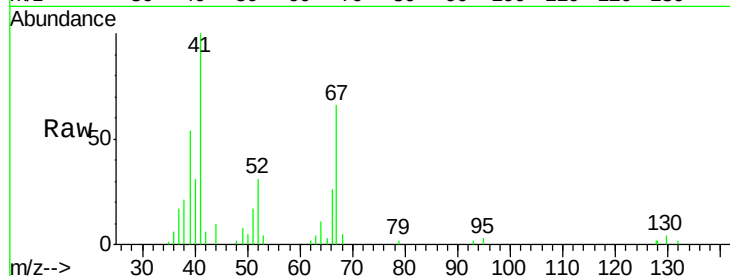




#41
Methacrylonitrile
Concen: 5.56 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

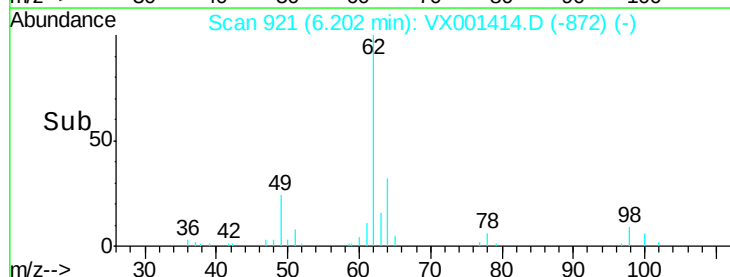
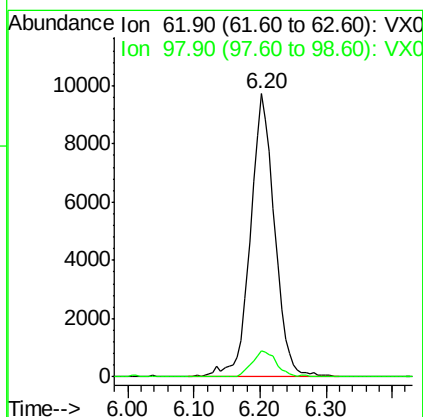
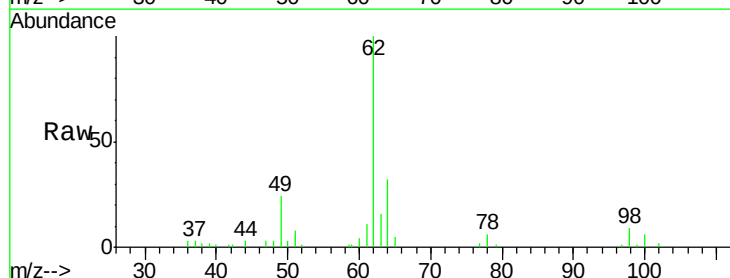
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

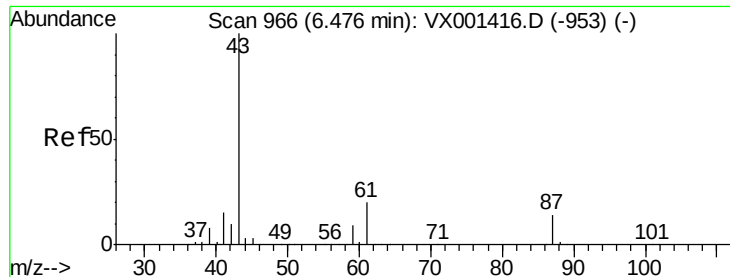
Tgt Ion:	41	Resp:	13161
Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.0	67.6
67	65.3	55.0	82.6
52	30.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 5.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion:	62	Resp:	24903
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 5.05 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

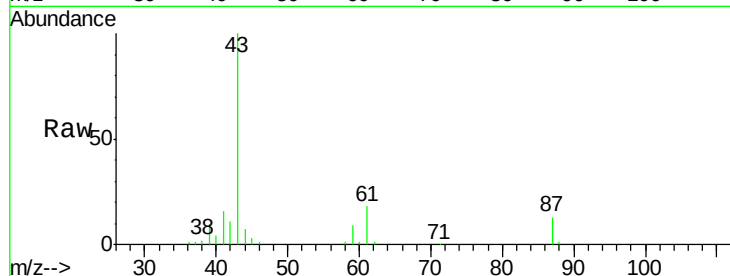
Tgt Ion: 43 Resp: 33052

Ion Ratio Lower Upper

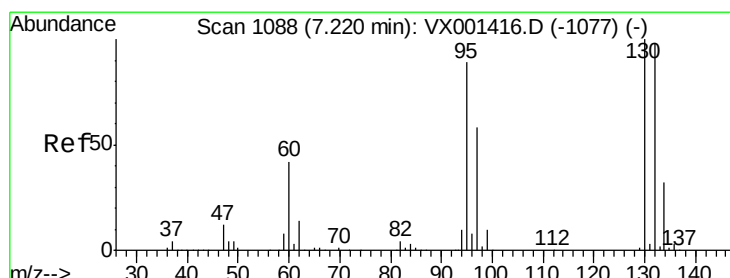
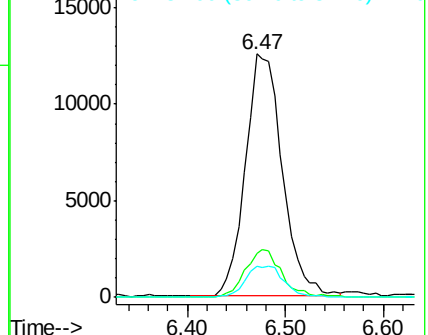
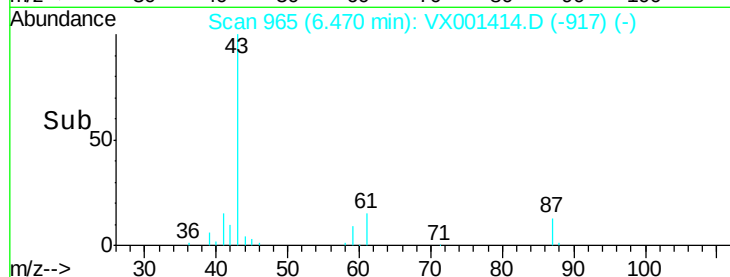
43 100

61 19.4 15.4 23.0

87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX001414.D (-917) (-)



#44

Trichloroethene

Concen: 5.41 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001414.D

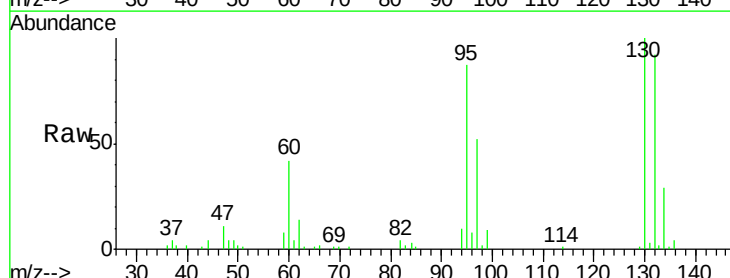
Acq: 05 May 2018 12:31

Tgt Ion: 130 Resp: 19039

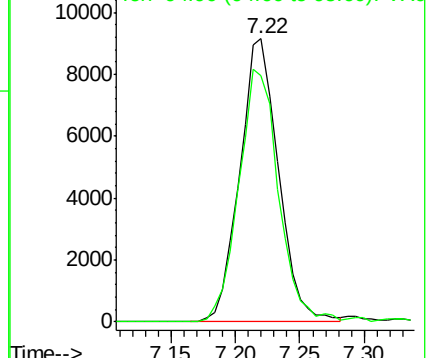
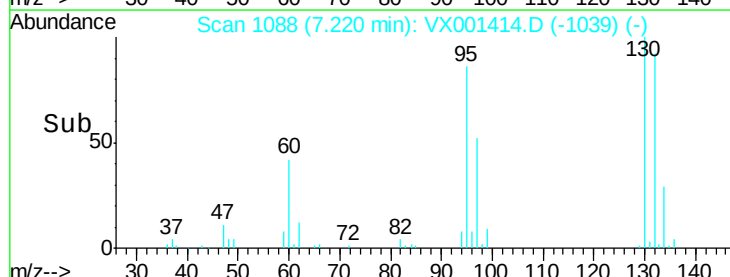
Ion Ratio Lower Upper

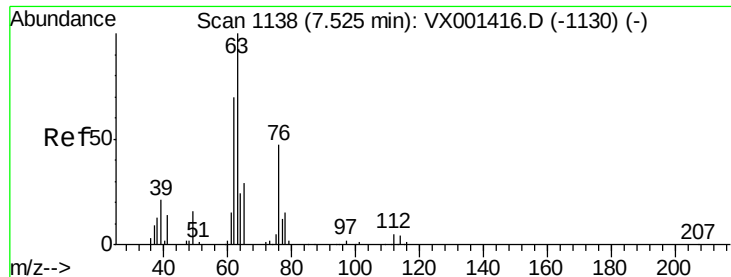
130 100

95 87.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VX001414.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 5.33 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

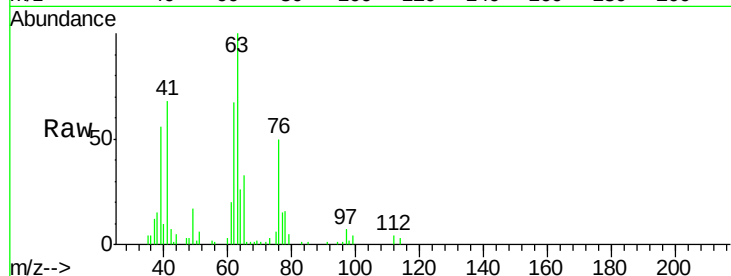
VSTDIC005

Tgt Ion: 63 Resp: 15613

Ion Ratio Lower Upper

63 100

65 33.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.53

8000

6000

4000

2000

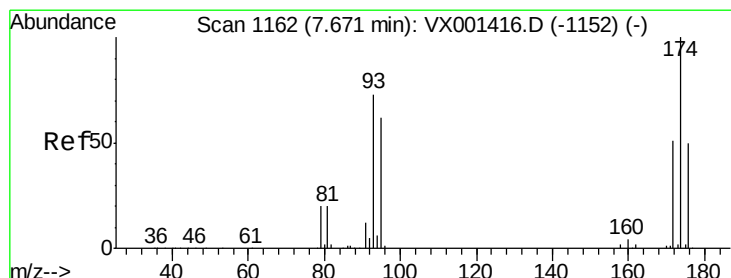
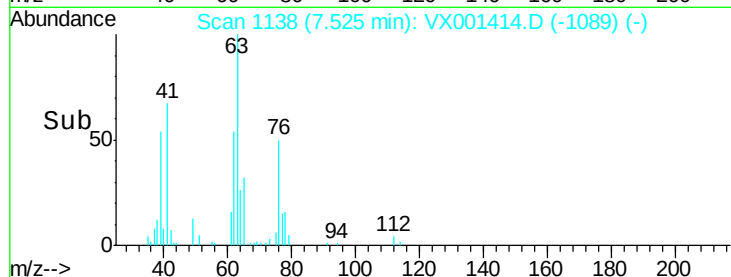
0

7.40

7.50

7.60

Time-->



#46

Dibromomethane

Concen: 5.38 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

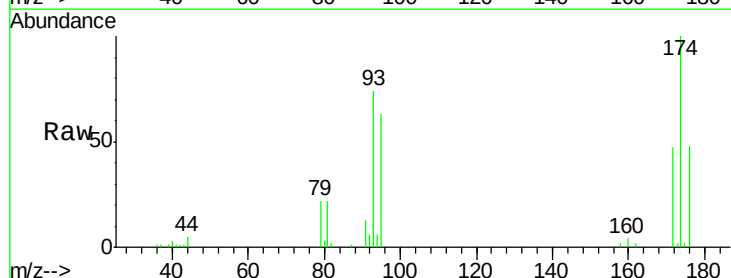
Tgt Ion: 93 Resp: 11088

Ion Ratio Lower Upper

93 100

95 79.6 67.0 100.4

174 124.9 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

10000

8000

6000

4000

2000

0

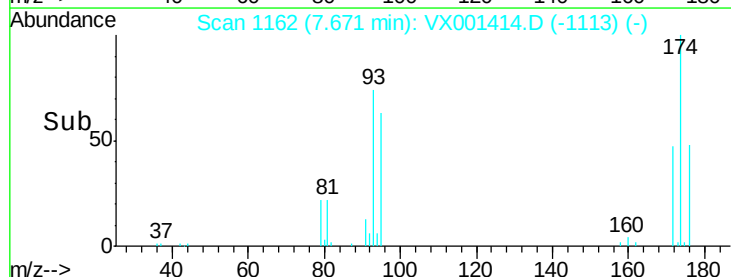
7.60

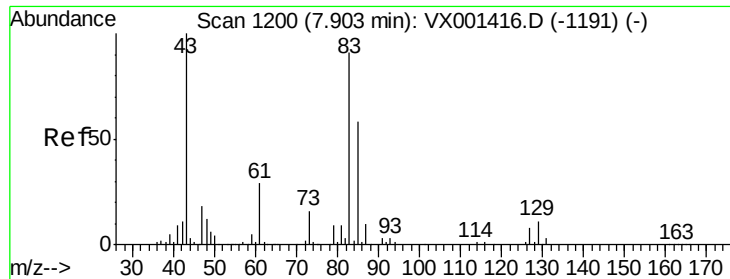
7.65

7.70

7.75

Time-->





#47

Bromodichloromethane

Concen: 5.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

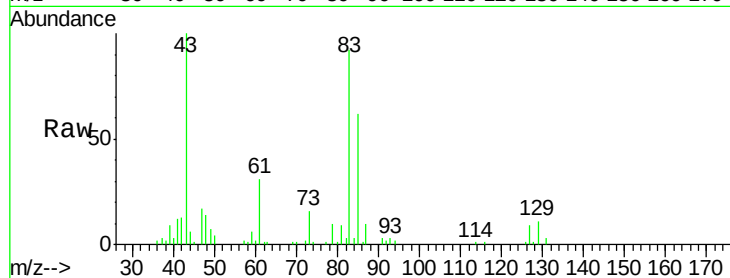
Tgt Ion: 83 Resp: 18826

Ion Ratio Lower Upper

83 100

85 67.8 51.0 76.6

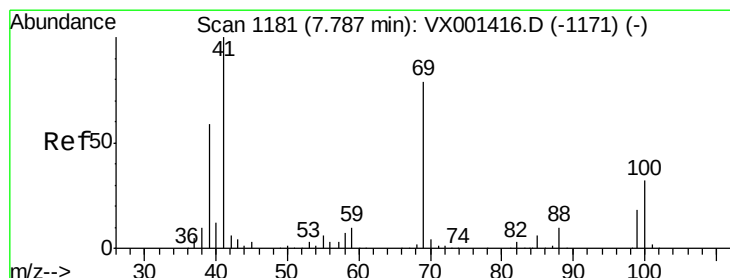
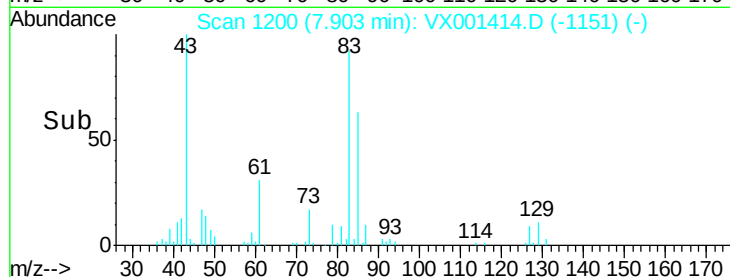
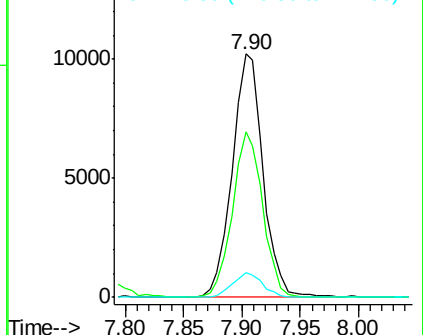
127 9.9 7.4 11.2



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: 5.37 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

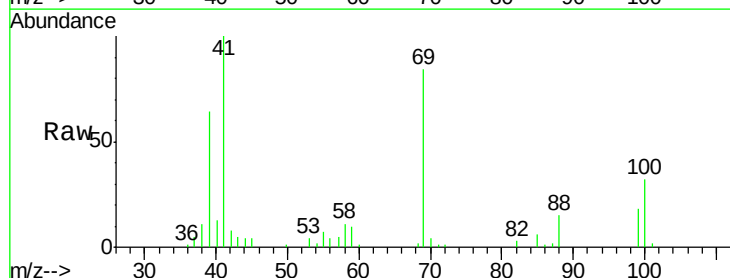
Tgt Ion: 41 Resp: 18783

Ion Ratio Lower Upper

41 100

69 77.2 63.4 95.2

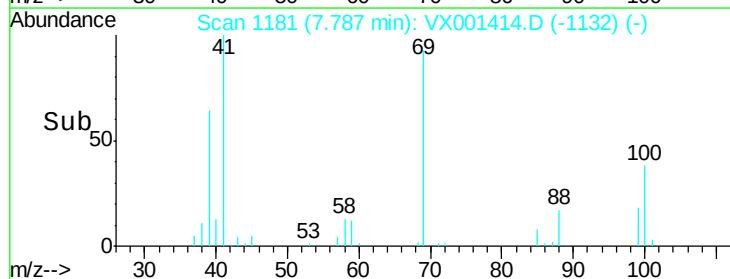
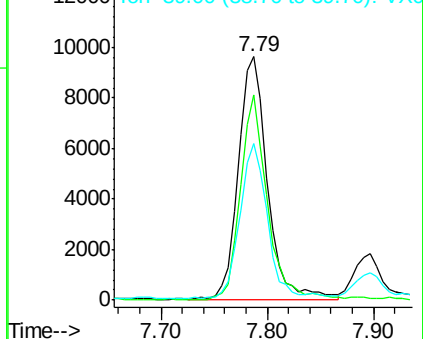
39 59.2 47.0 70.4

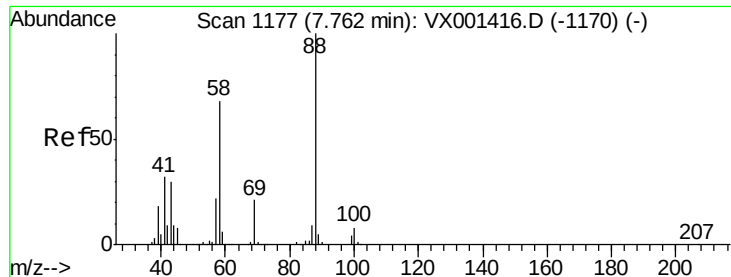


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

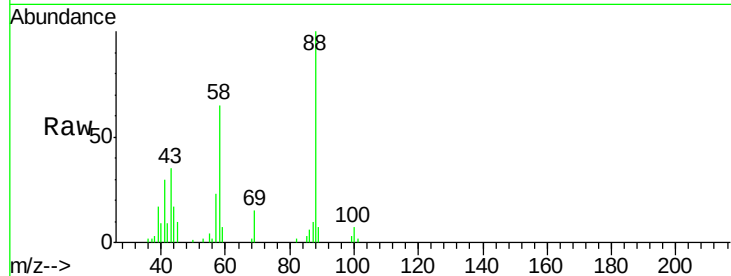




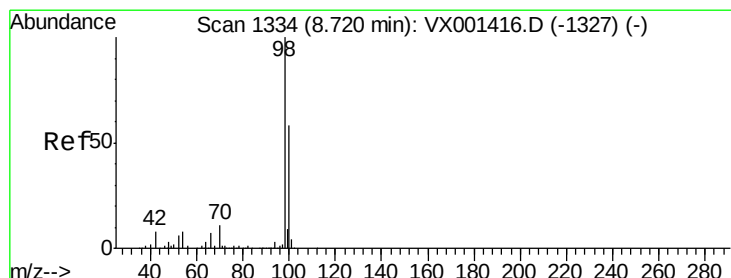
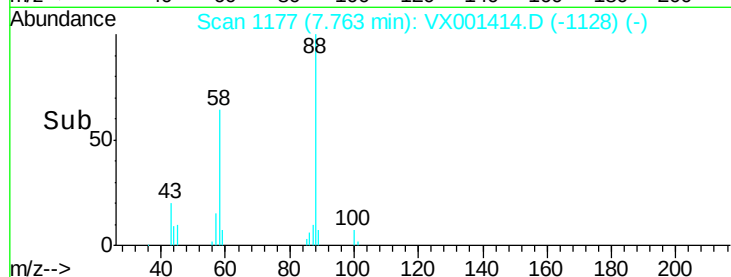
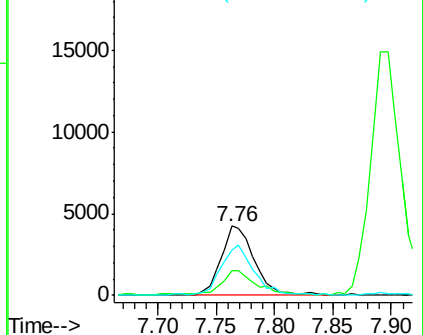
#49
1,4-Dioxane
Concen: 123.61 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 8359
Ion Ratio Lower Upper
88 100
43 34.2 26.4 39.6
58 72.4 54.1 81.1

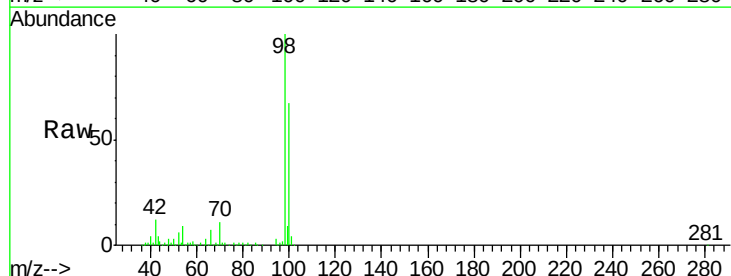


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

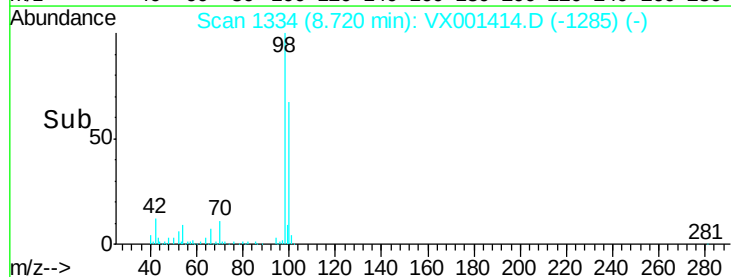
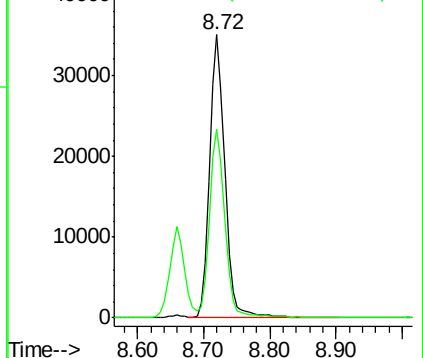


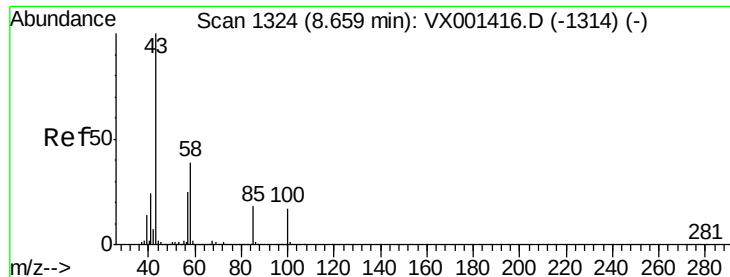
#50
Toluene-d8
Concen: 5.39 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 98 Resp: 56461
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

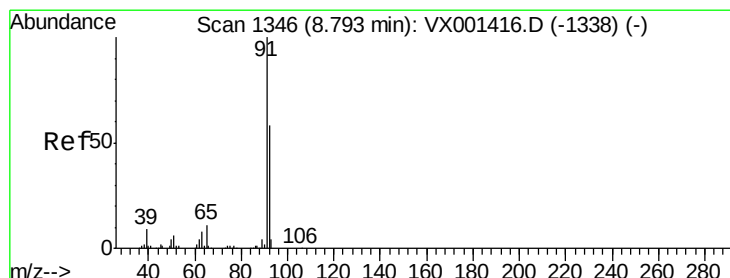
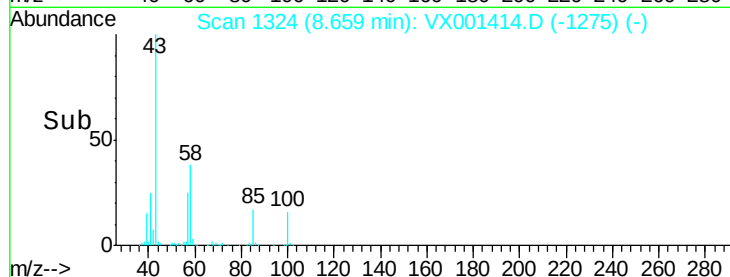
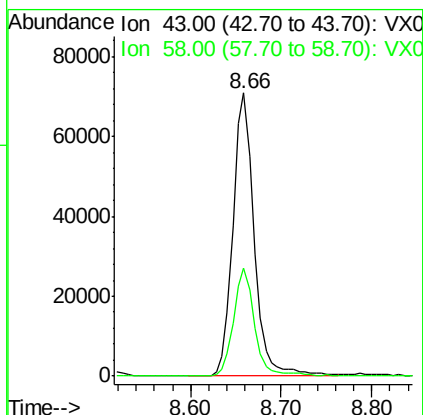
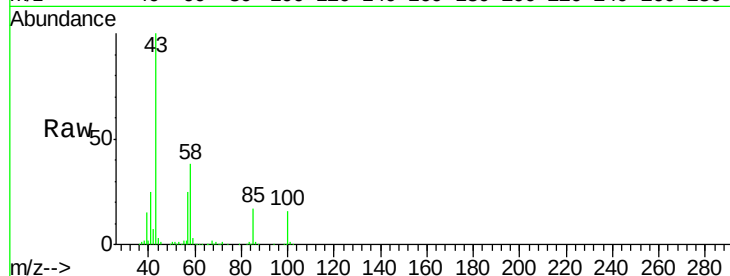




#51
 4-Methyl-2-Pentanone
 Concen: 27.28 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

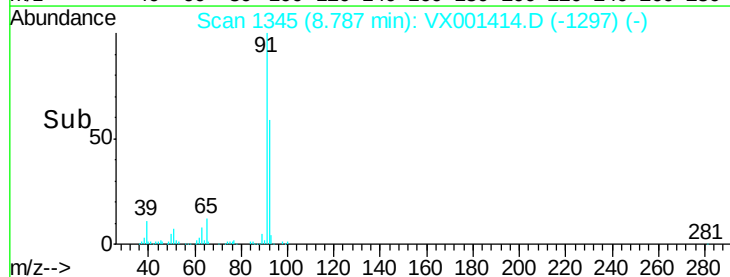
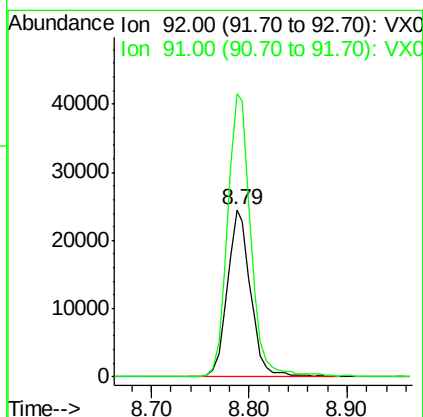
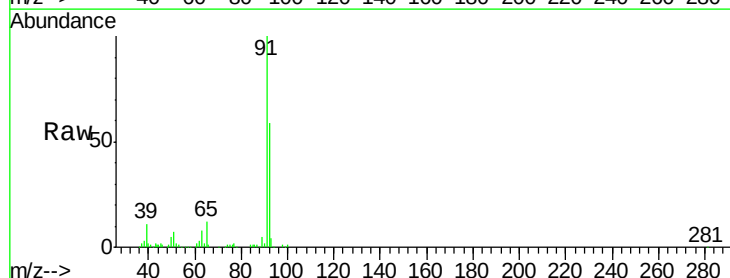
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

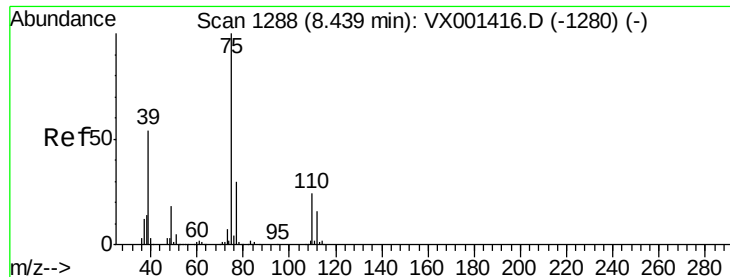
Tgt Ion: 43 Resp: 115373
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2



#52
 Toluene
 Concen: 5.34 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion: 92 Resp: 40134
 Ion Ratio Lower Upper
 92 100
 91 170.3 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 4.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

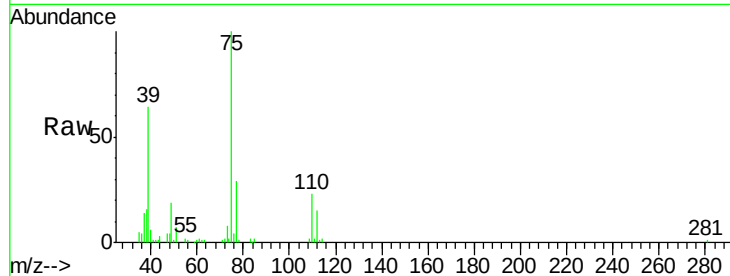
VSTDIC005

Tgt Ion: 75 Resp: 19803

Ion Ratio Lower Upper

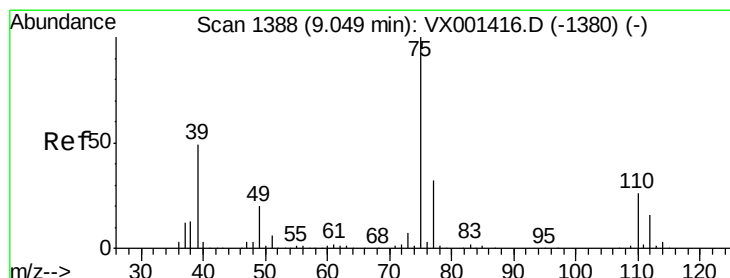
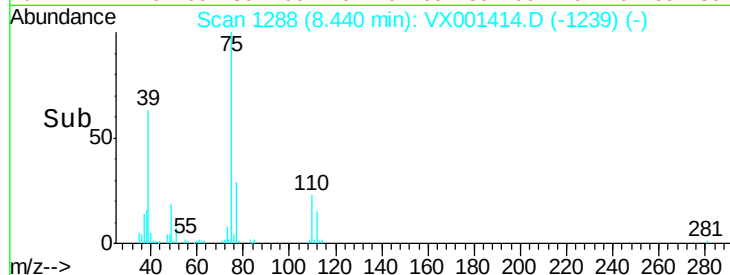
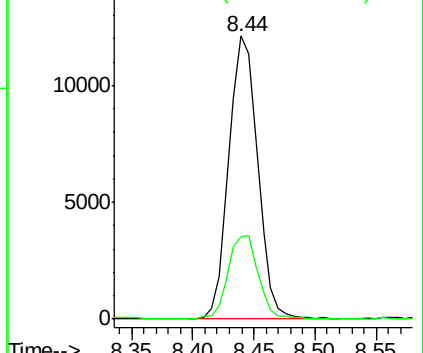
75 100

77 29.2 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.14 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

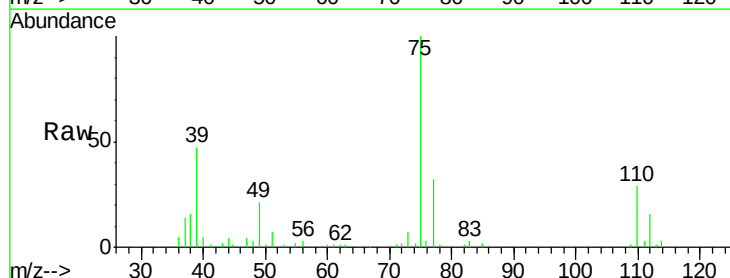
Tgt Ion: 75 Resp: 16699

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

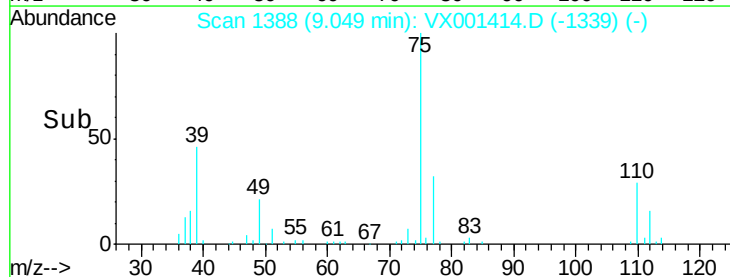
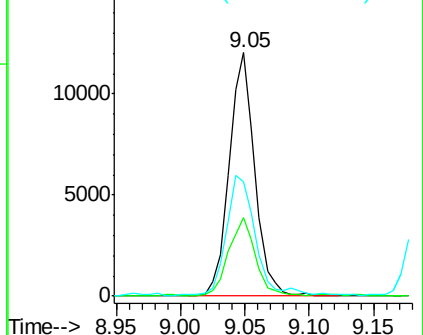
39 46.6 38.9 58.3

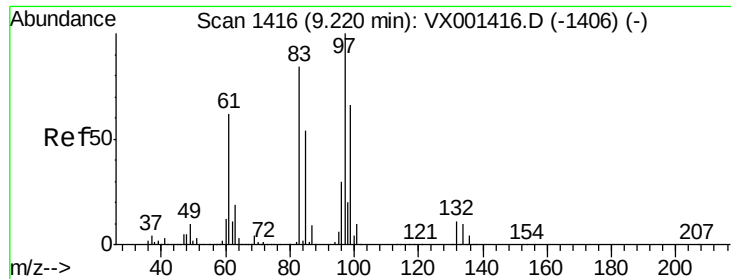


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 5.33 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 16110

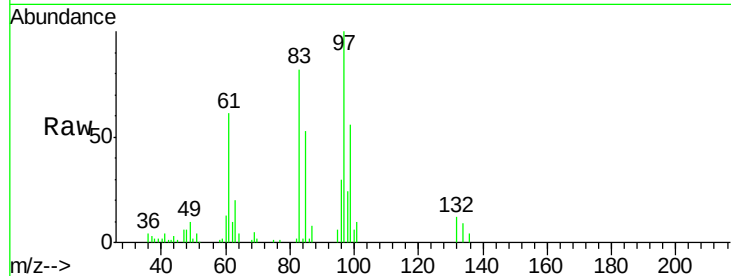
Ion Ratio Lower Upper

97 100

83 81.8 67.4 101.0

85 53.1 43.3 64.9

99 56.3 52.5 78.7

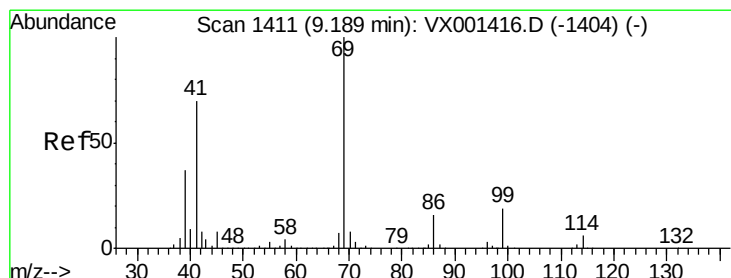
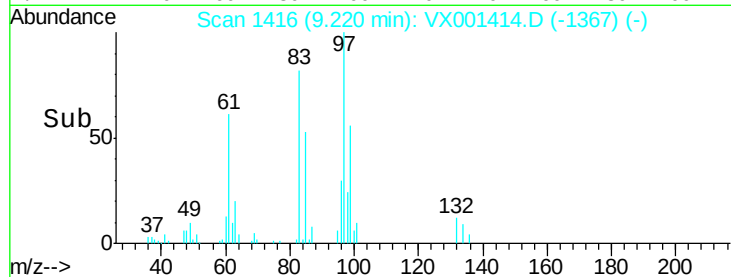
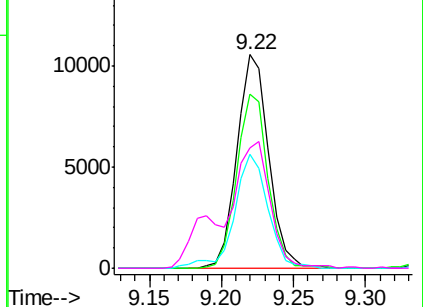


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 5.05 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

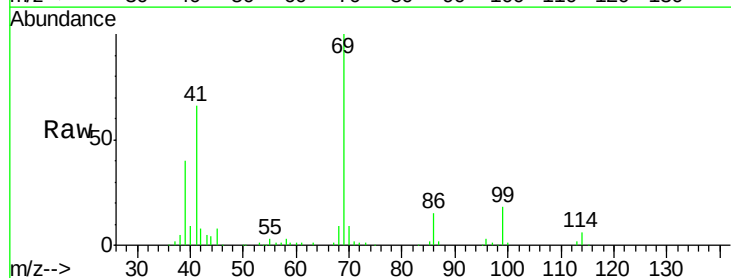
Tgt Ion: 69 Resp: 21349

Ion Ratio Lower Upper

69 100

41 71.4 55.1 82.7

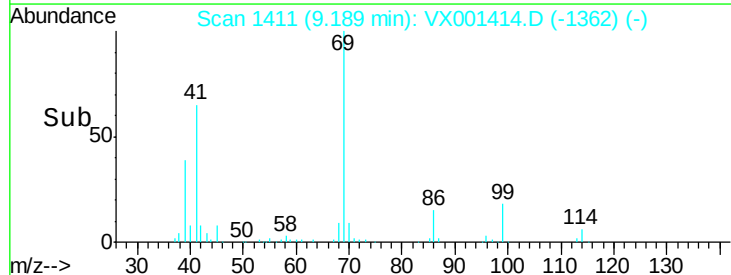
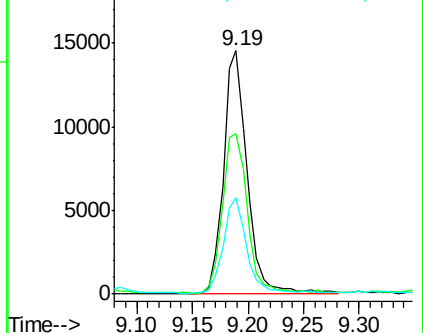
39 39.9 29.9 44.9

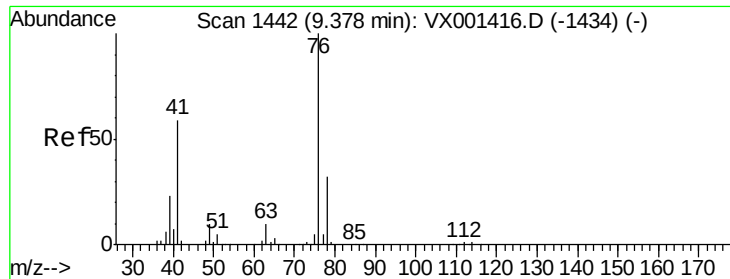


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

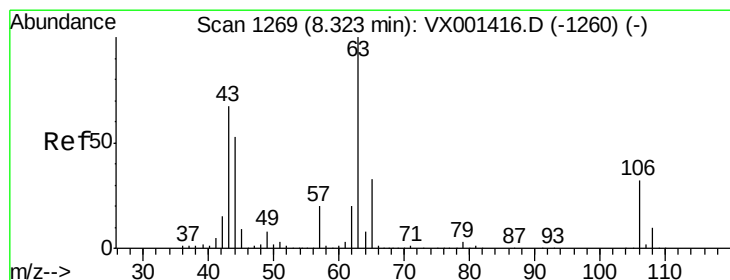
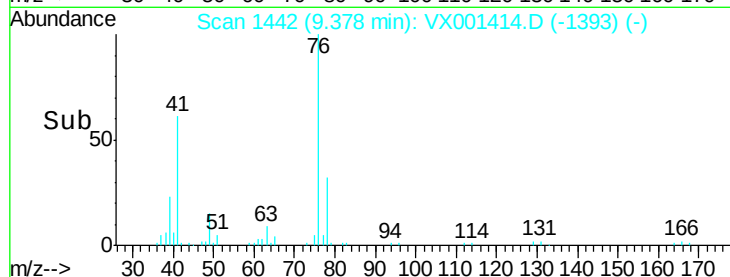
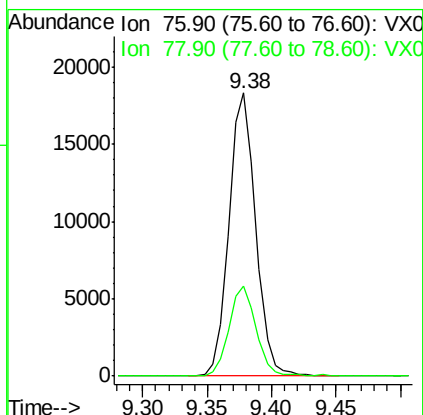
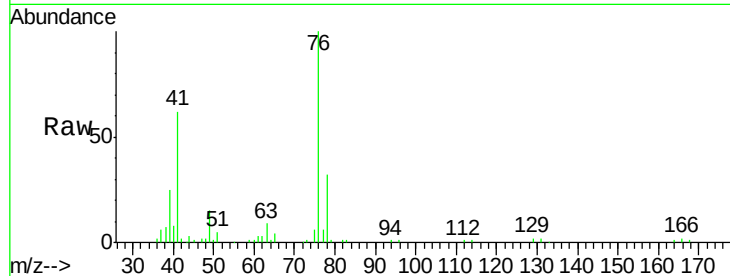




#57
 1,3-Dichloropropane
 Concen: 5.45 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

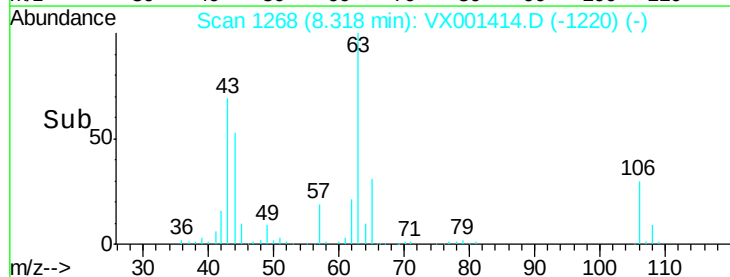
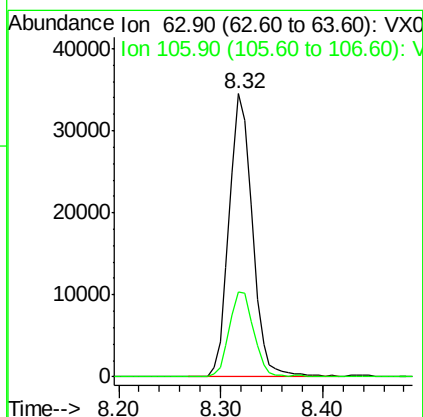
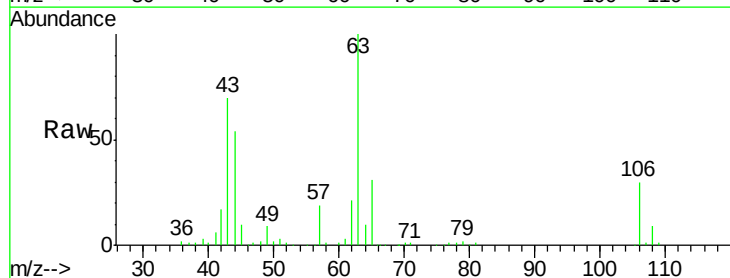
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

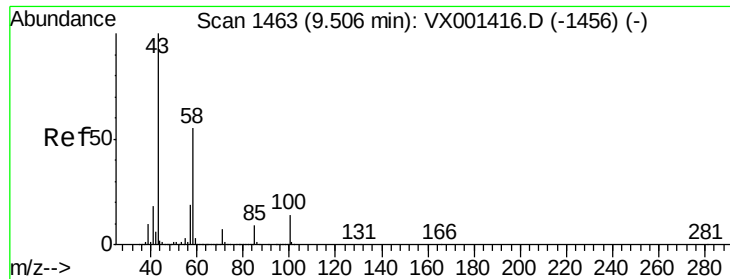
Tgt Ion: 76 Resp: 26702
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.60 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion: 63 Resp: 54649
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.0

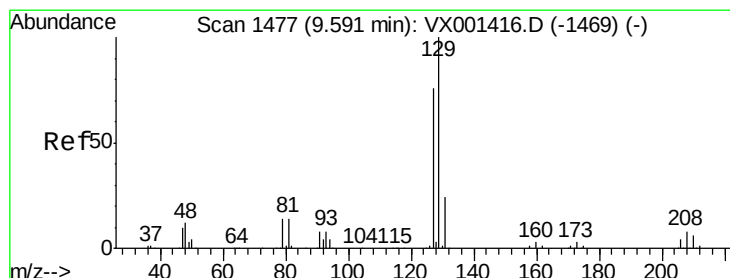
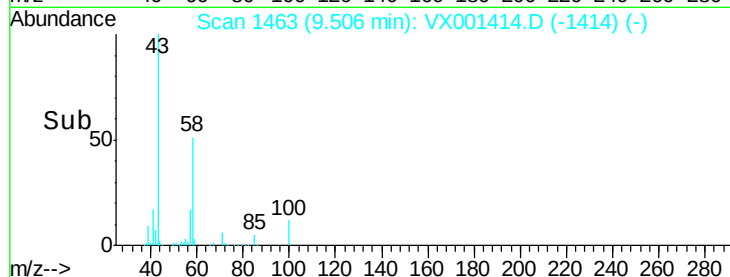
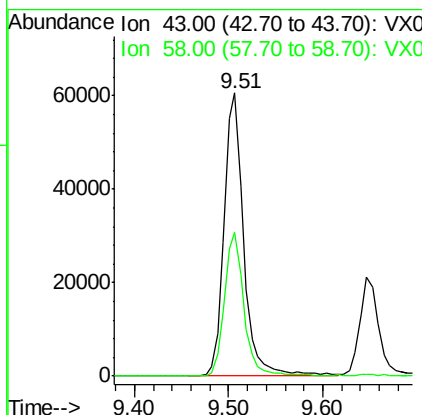
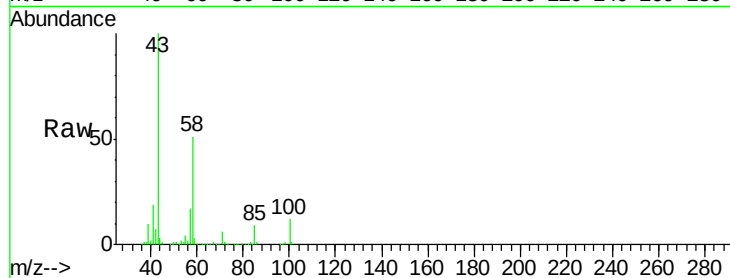




#59
2-Hexanone
Concen: 26.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

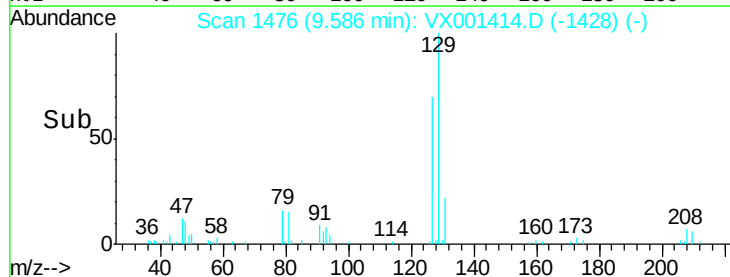
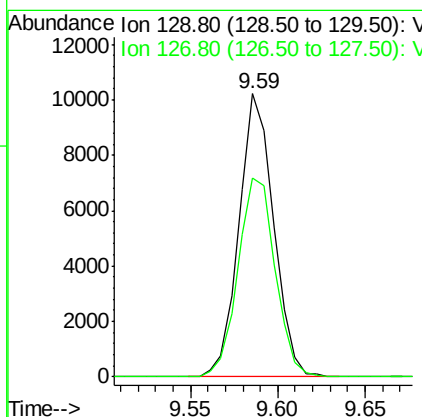
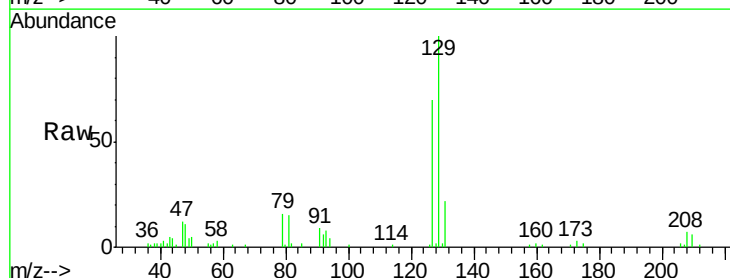
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

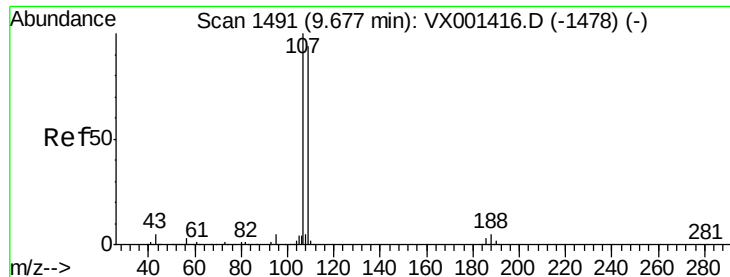
Tgt Ion: 43 Resp: 87327
Ion Ratio Lower Upper
43 100
58 50.9 27.1 81.2



#60
Dibromochloromethane
Concen: 4.45 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 129 Resp: 14083
Ion Ratio Lower Upper
129 100
127 75.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 5.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

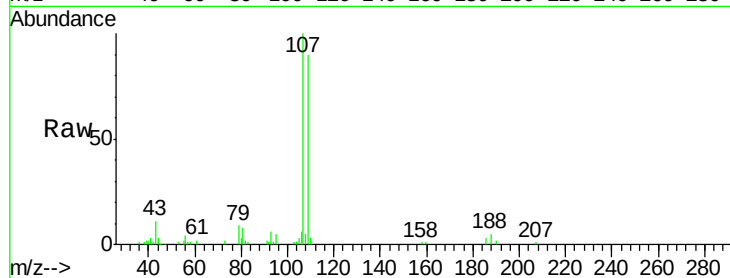
VSTDIC005

Tgt Ion: 107 Resp: 16536

Ion Ratio Lower Upper

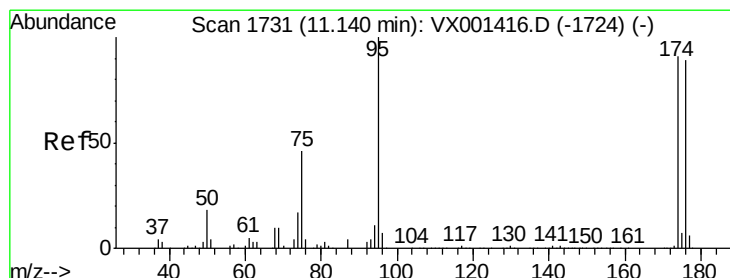
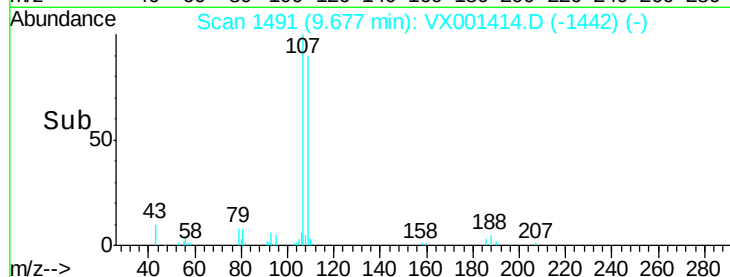
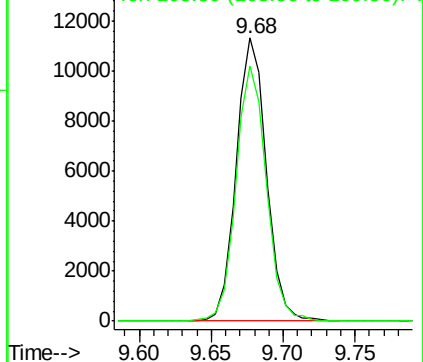
107 100

109 90.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

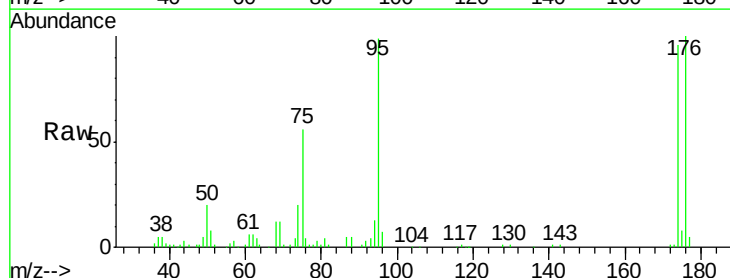
Tgt Ion: 95 Resp: 19822

Ion Ratio Lower Upper

95 100

174 101.5 0.0 202.0

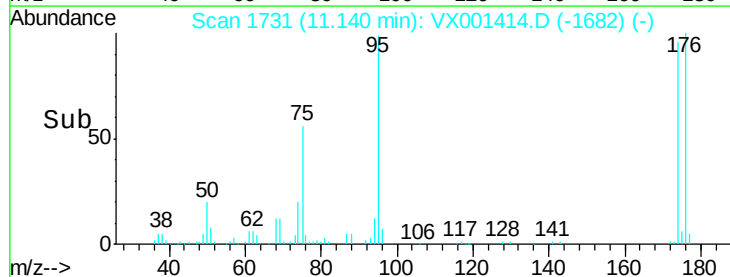
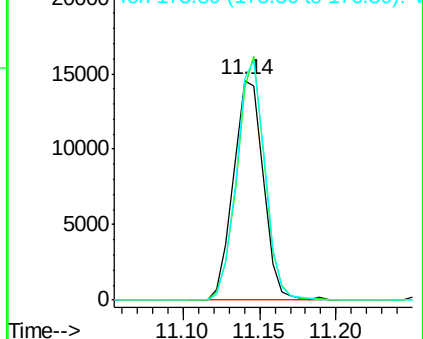
176 103.3 0.0 197.4

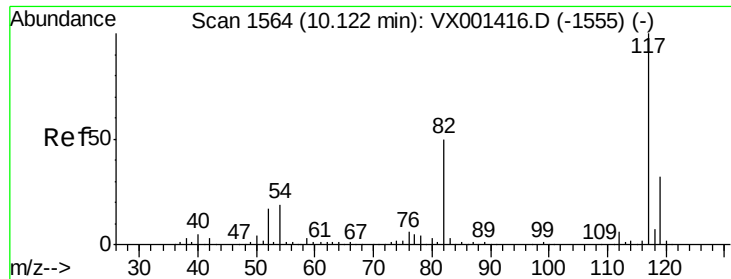


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

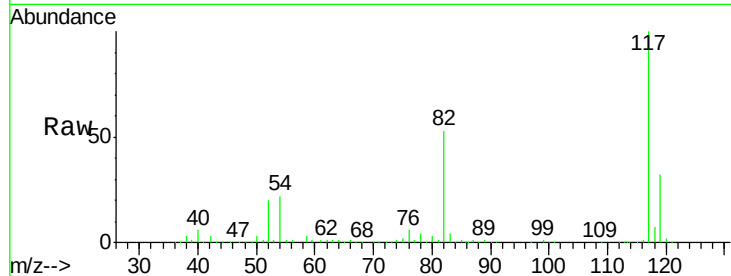




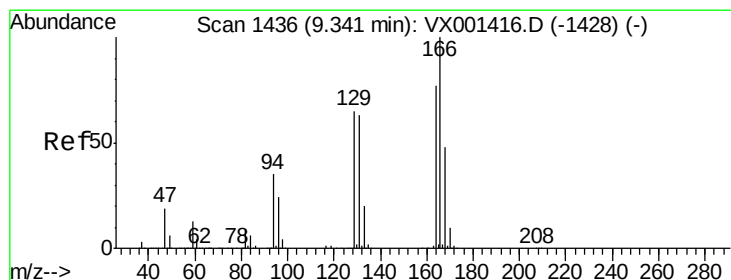
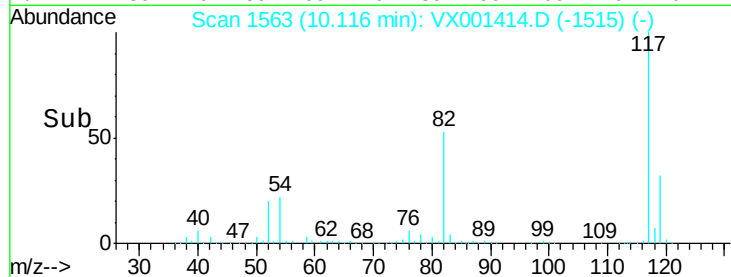
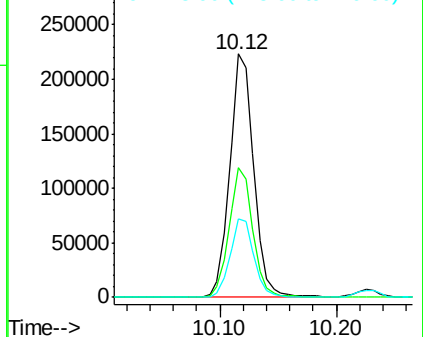
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 319995
Ion Ratio Lower Upper
117 100
82 53.4 40.0 60.0
119 32.4 25.8 38.8



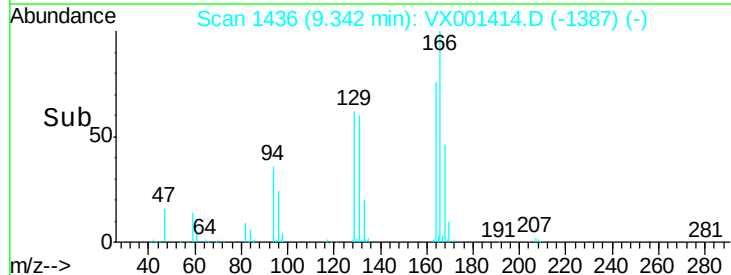
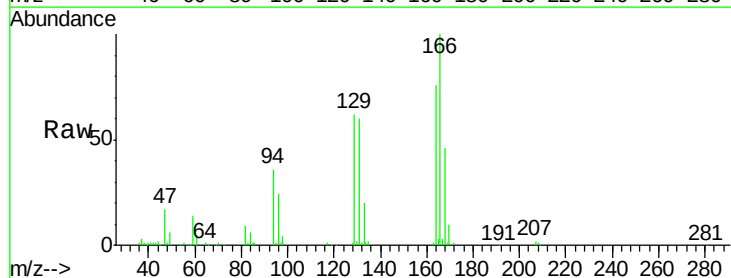
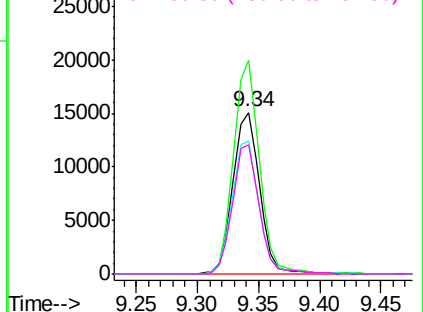
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

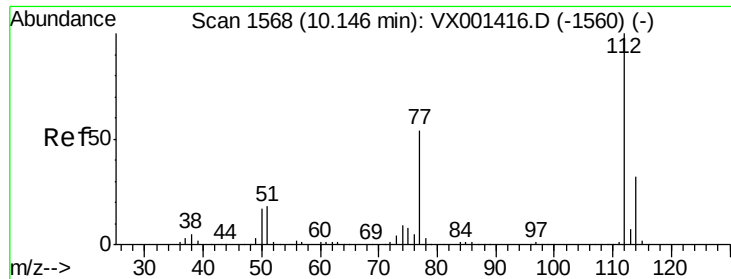


#64
Tetrachloroethene
Concen: 5.83 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion:164 Resp: 22873
Ion Ratio Lower Upper
164 100
166 132.2 103.5 155.3
129 82.1 66.7 100.1
131 79.8 64.9 97.3

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

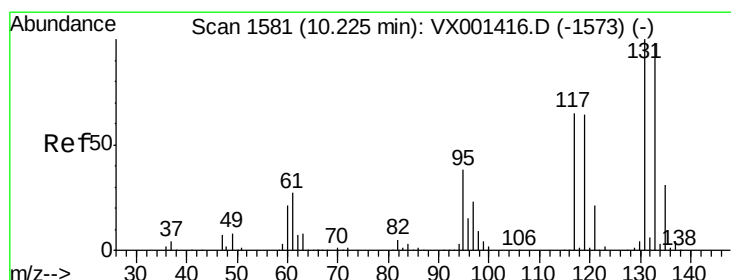
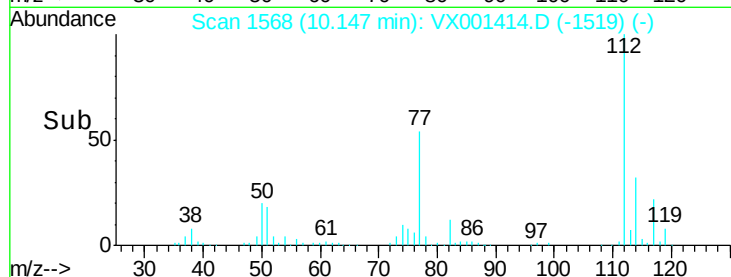
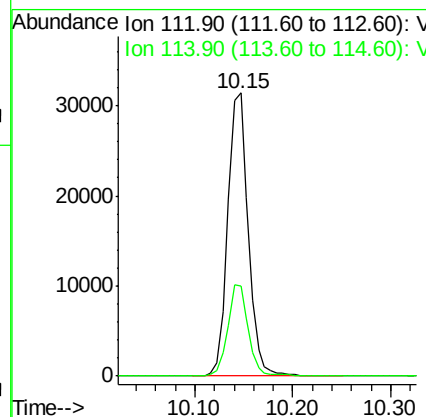
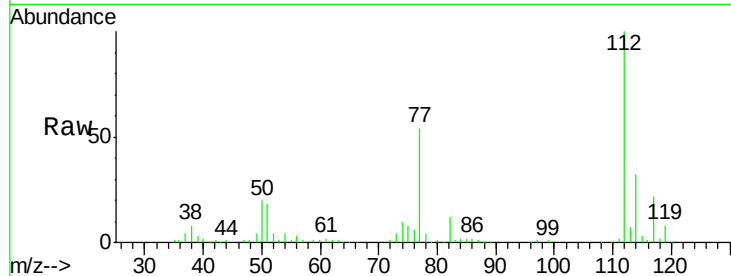




#65
Chlorobenzene
Concen: 5.17 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

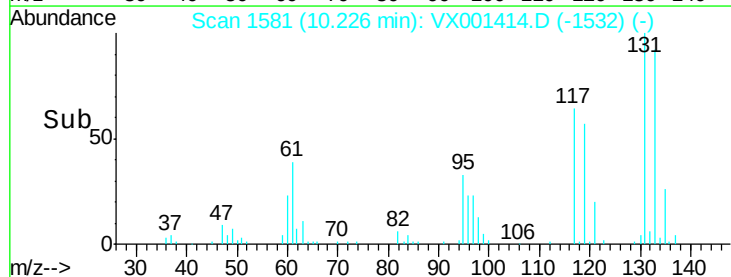
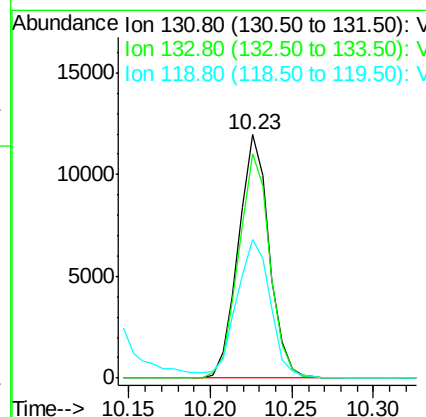
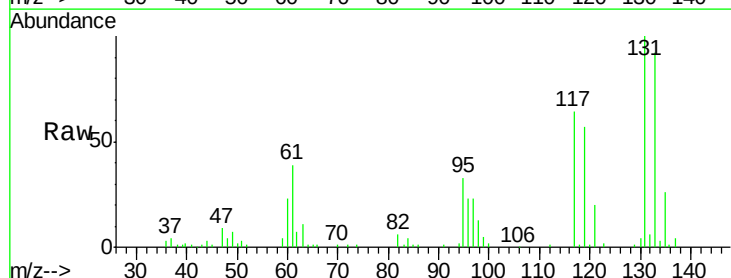
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

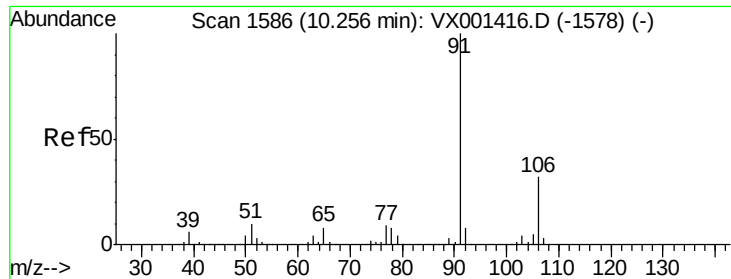
Tgt Ion:112 Resp: 45753
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.11 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion:131 Resp: 15738
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.8
119 62.9 31.1 93.3

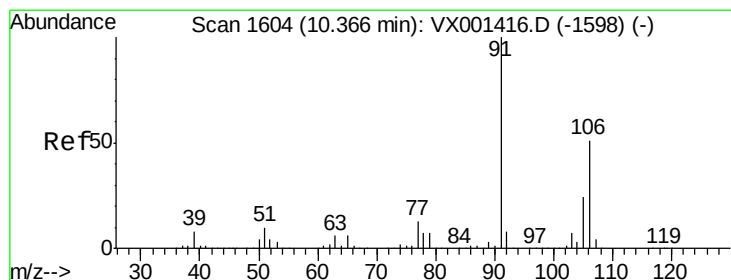
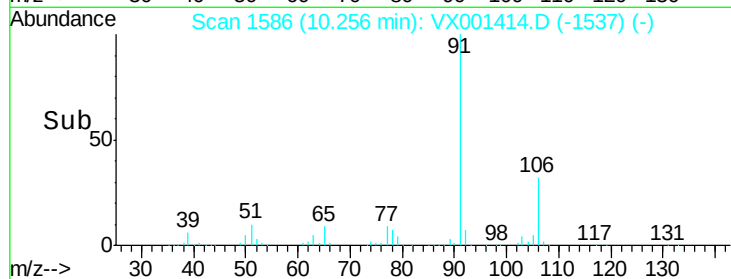
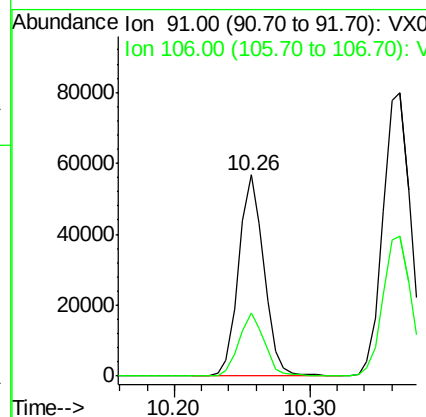
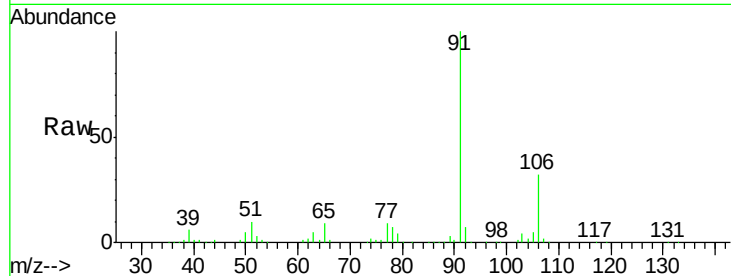




#67
Ethyl Benzene
Concen: 5.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

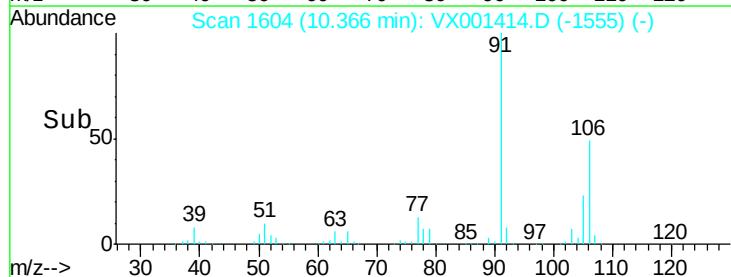
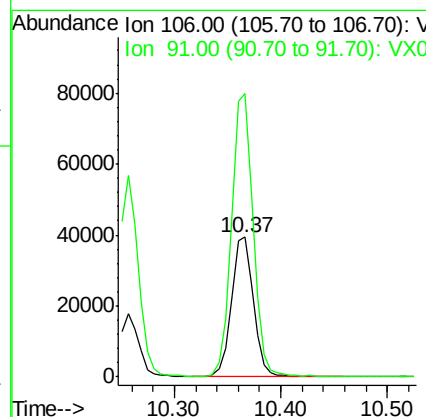
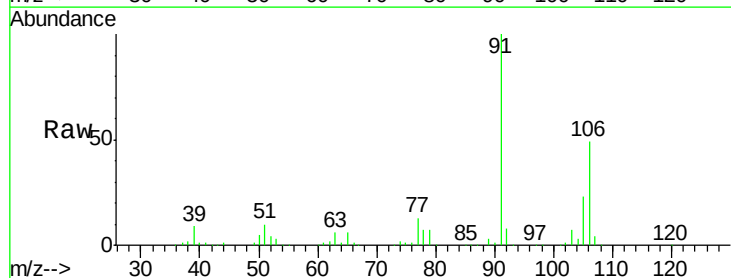
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

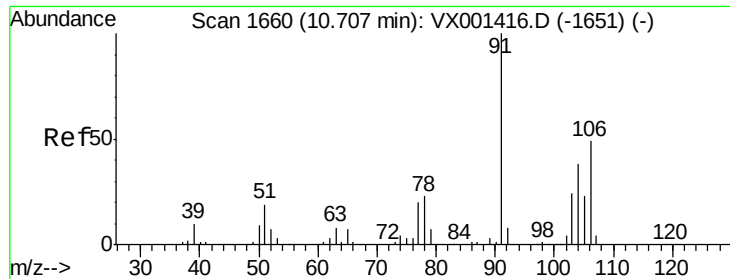
Tgt Ion: 91 Resp: 73681
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 9.96 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion: 106 Resp: 57130
Ion Ratio Lower Upper
106 100
91 198.7 157.5 236.3

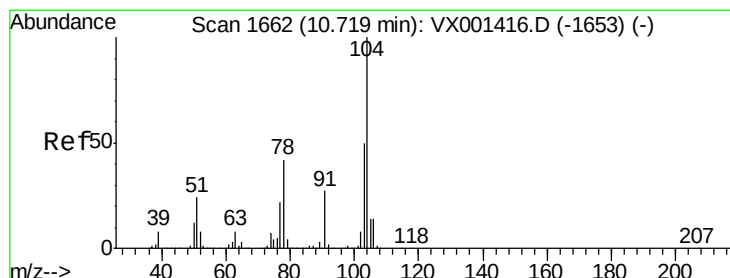
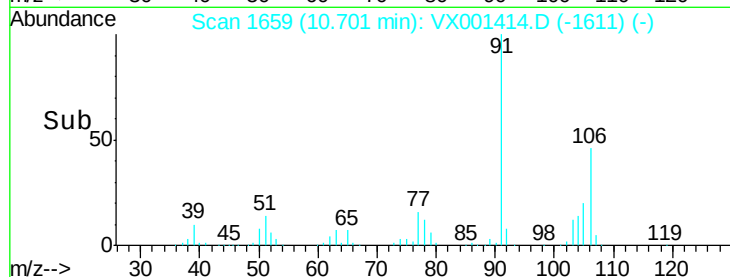
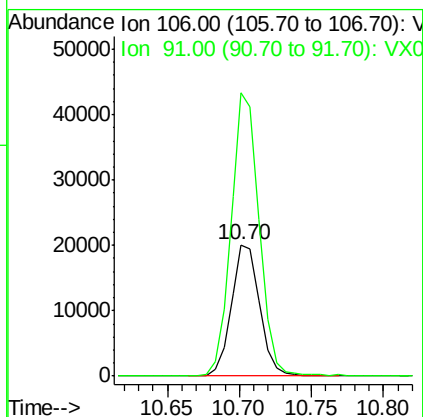
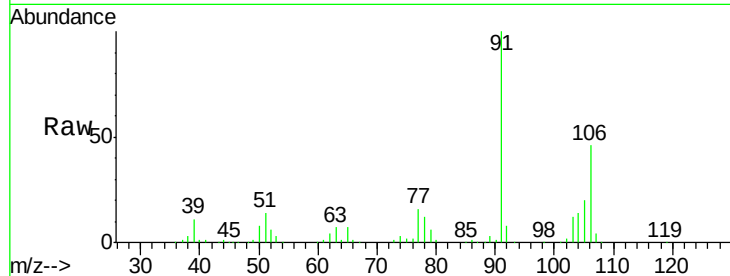




#69
o-Xylene
Concen: 4.97 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

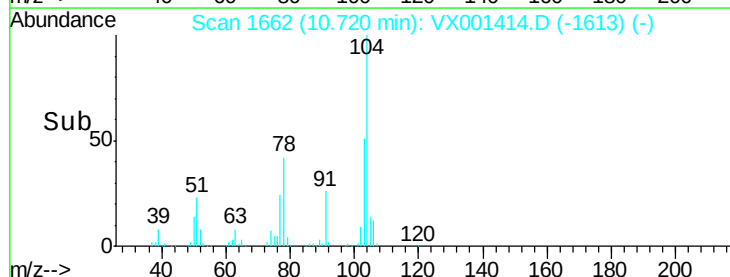
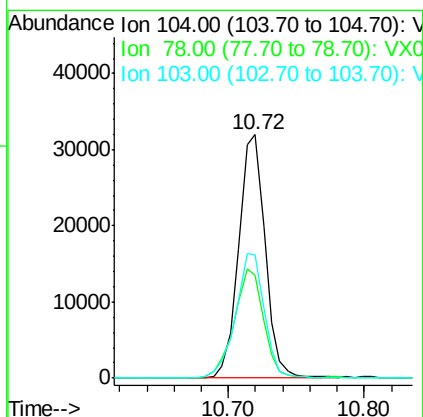
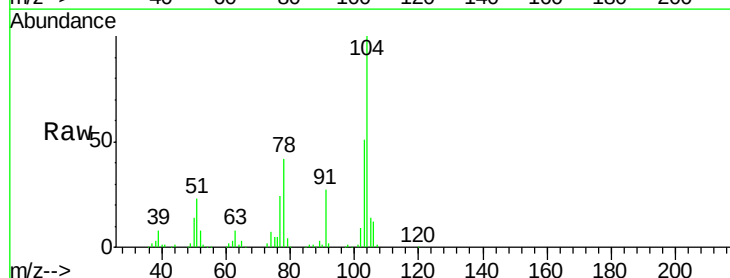
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

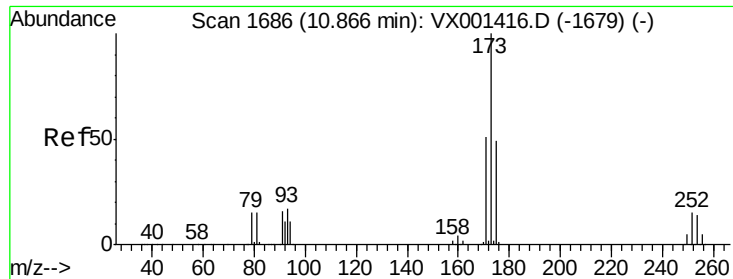
Tgt Ion:106 Resp: 27744
Ion Ratio Lower Upper
106 100
91 214.7 103.1 309.1



#70
Styrene
Concen: 4.77 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001414.D
Acq: 05 May 2018 12:31

Tgt Ion:104 Resp: 43524
Ion Ratio Lower Upper
104 100
78 49.7 38.6 58.0
103 55.6 44.0 66.0





#71

Bromoform

Concen: 4.16 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

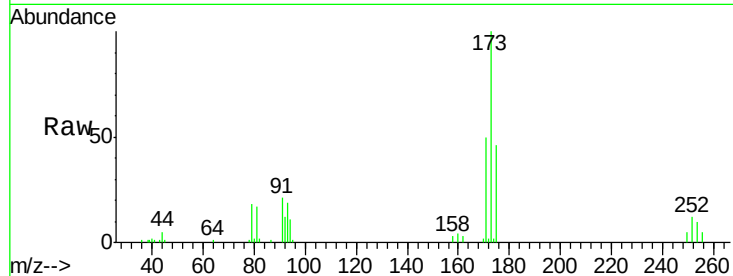
Tgt Ion:173 Resp: 10812

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

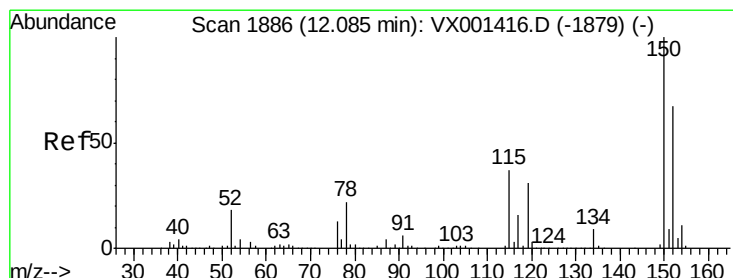
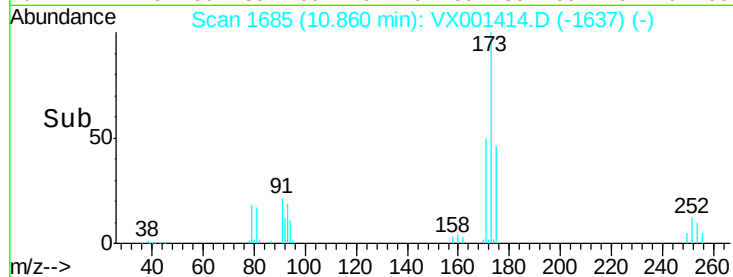
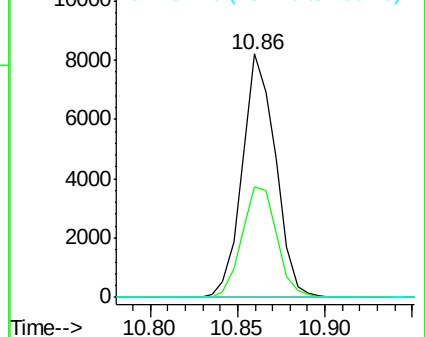
254 0.0 0.2 0.2#



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: VX001414.D

Acq: 05 May 2018 12:31

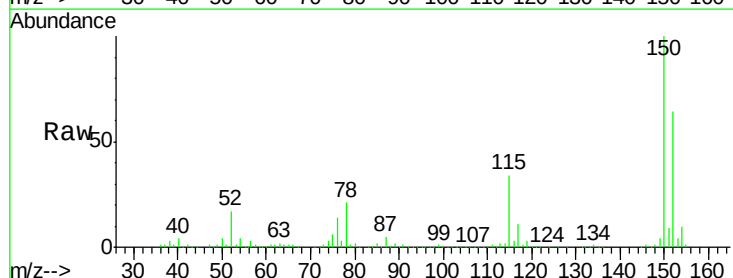
Tgt Ion:152 Resp: 214377

Ion Ratio Lower Upper

152 100

115 55.5 37.7 113.1

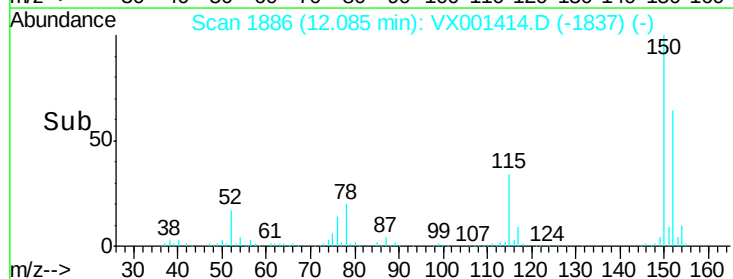
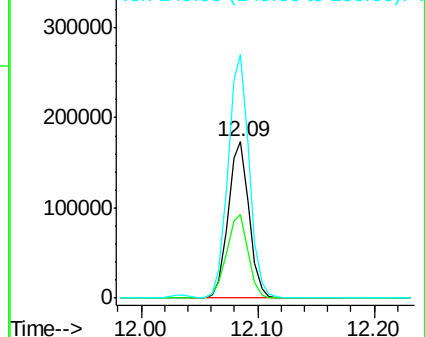
150 157.8 0.0 349.4

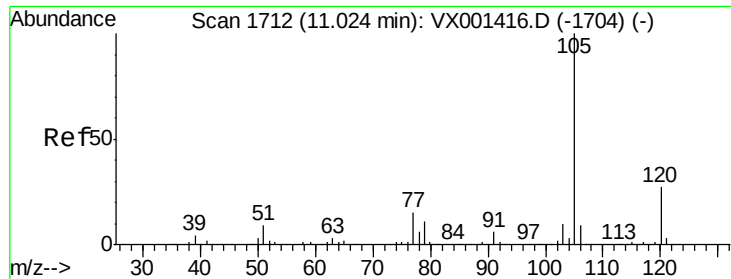


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

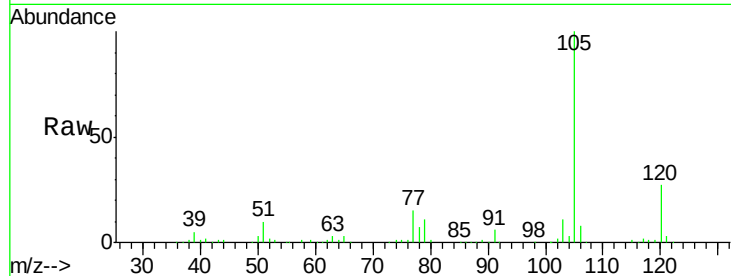
VSTDIC005

Tgt Ion: 105 Resp: 73994

Ion Ratio Lower Upper

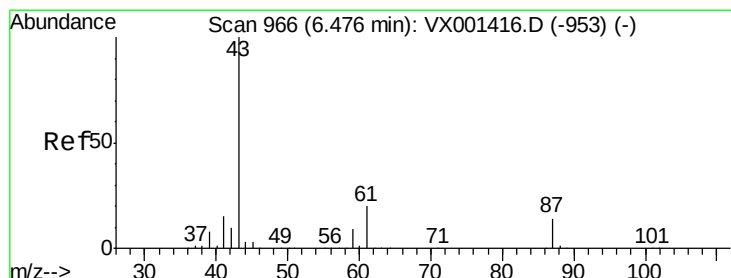
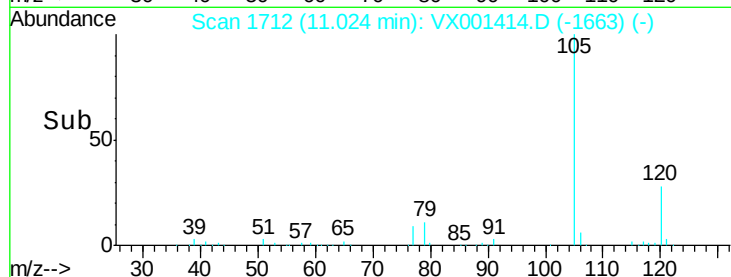
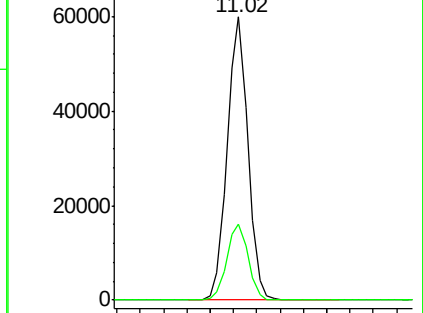
105 100

120 27.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Tgt Ion: 43 Resp: 33052

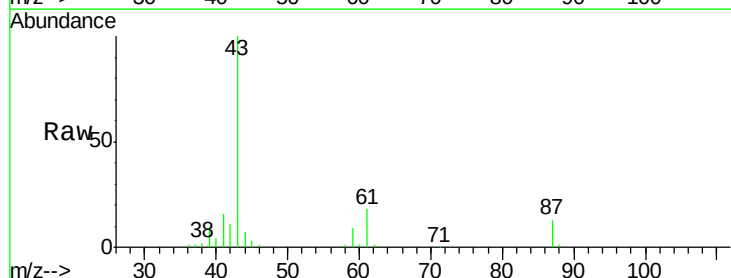
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.4 15.4 23.0

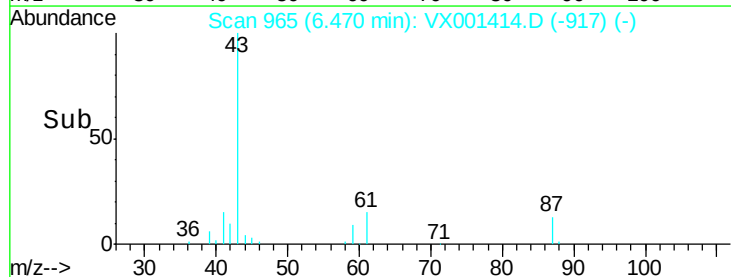
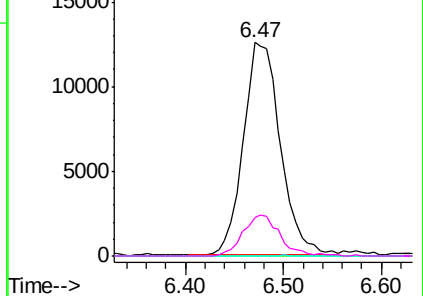


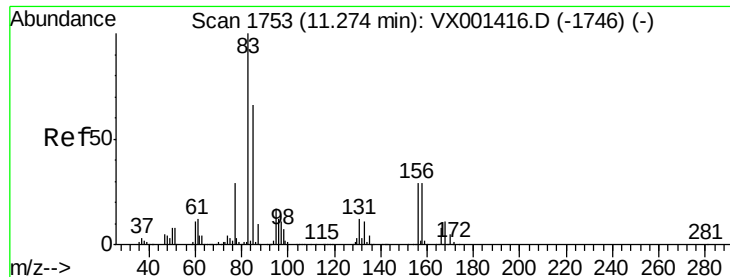
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 5.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

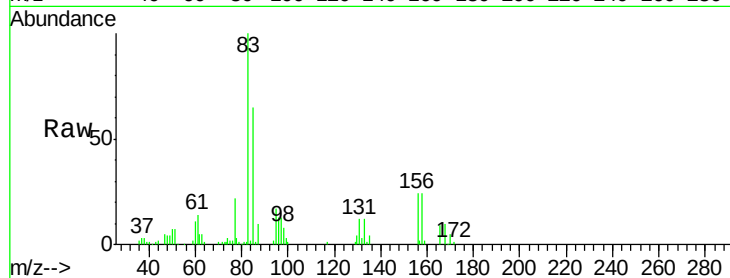
Tgt Ion: 83 Resp: 21863

Ion Ratio Lower Upper

83 100

131 12.3 5.8 17.4

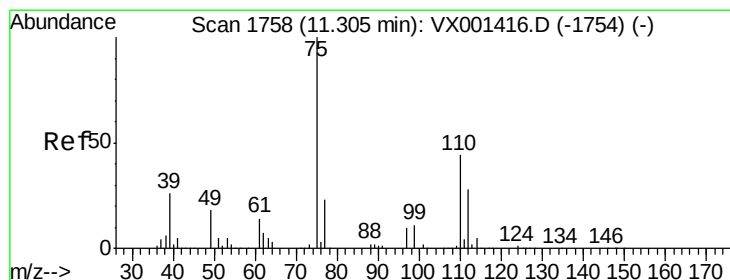
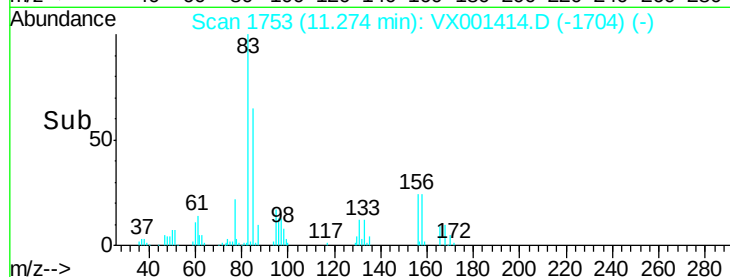
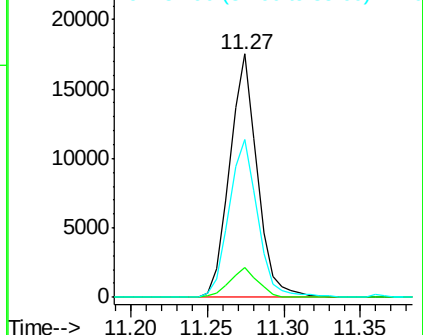
85 67.7 32.7 98.1



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: 6.32 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001414.D

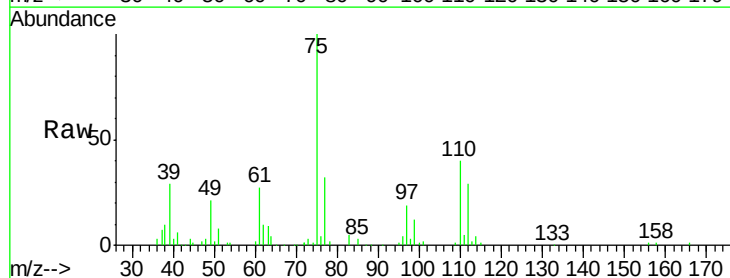
Acq: 05 May 2018 12:31

Tgt Ion: 75 Resp: 25336

Ion Ratio Lower Upper

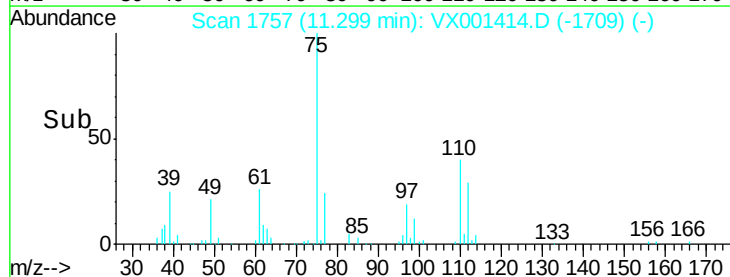
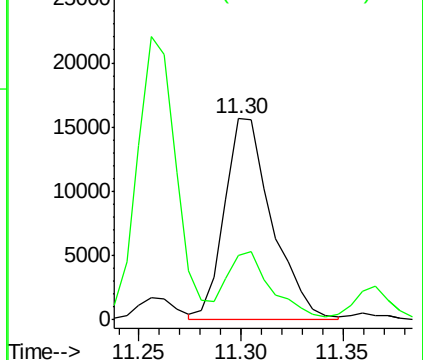
75 100

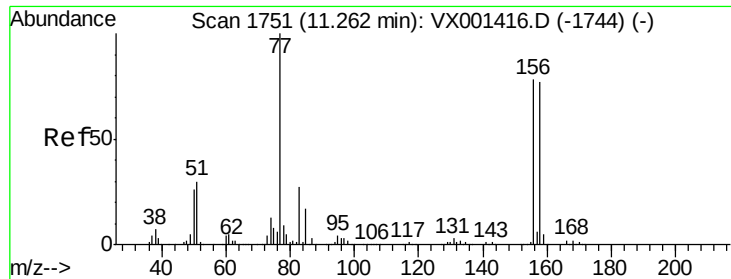
77 31.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.28 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

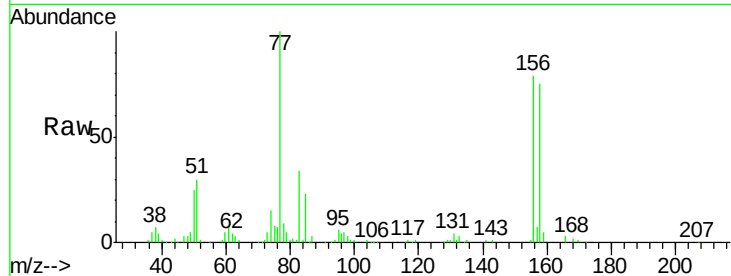
Tgt Ion:156 Resp: 21983

Ion Ratio Lower Upper

156 100

77 133.6 66.0 198.2

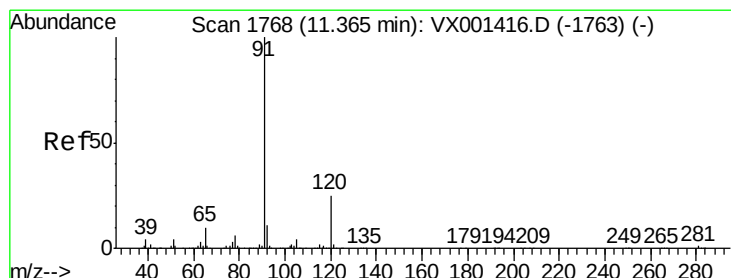
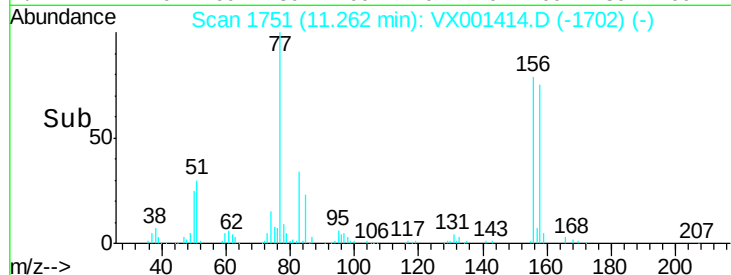
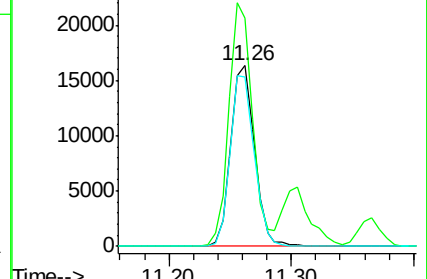
158 95.0 49.4 148.2



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: 5.02 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001414.D

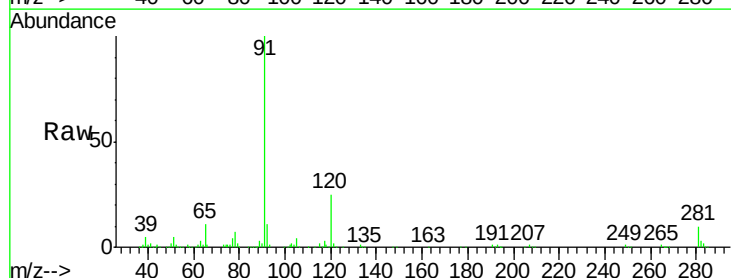
Acq: 05 May 2018 12:31

Tgt Ion: 91 Resp: 80553

Ion Ratio Lower Upper

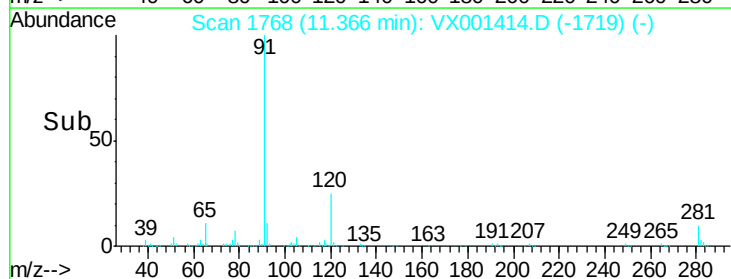
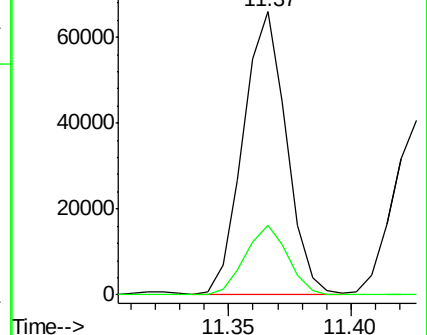
91 100

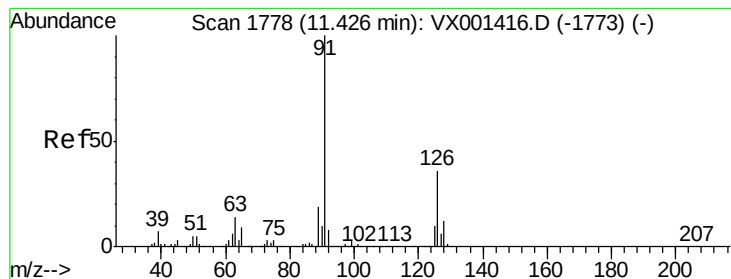
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.17 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

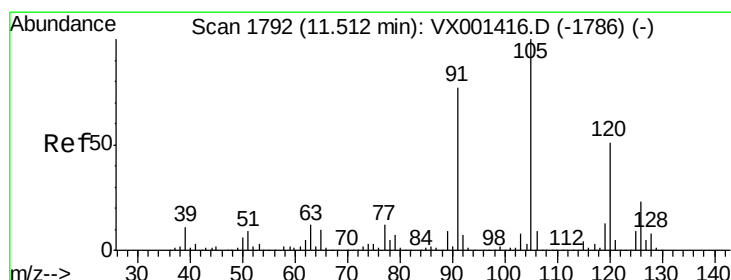
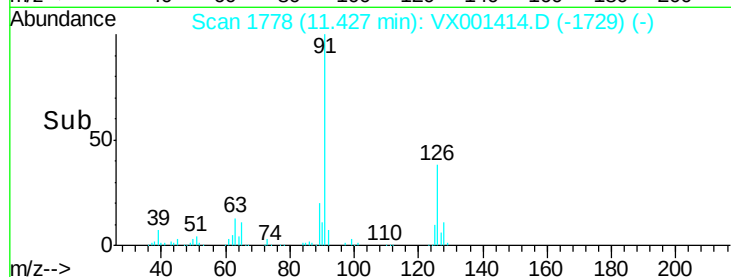
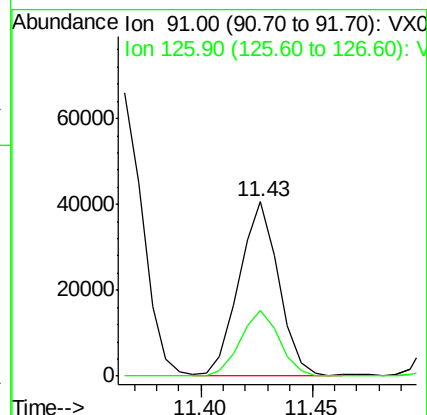
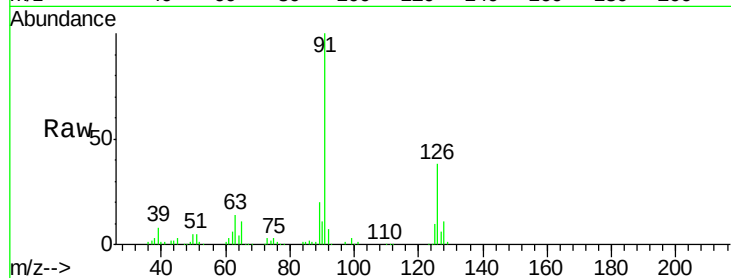
VSTDIC005

Tgt Ion: 91 Resp: 50149

Ion Ratio Lower Upper

91 100

126 37.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 5.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001414.D

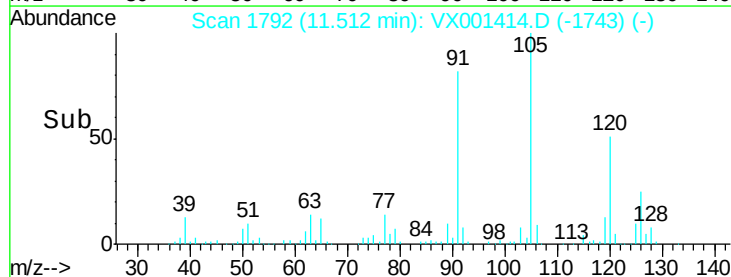
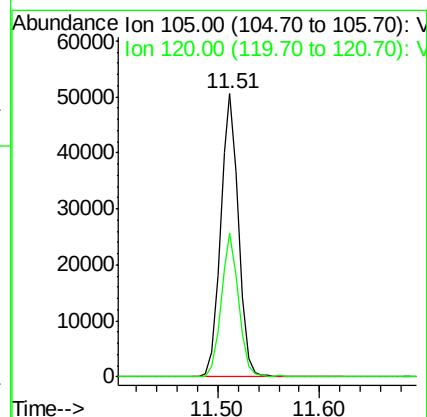
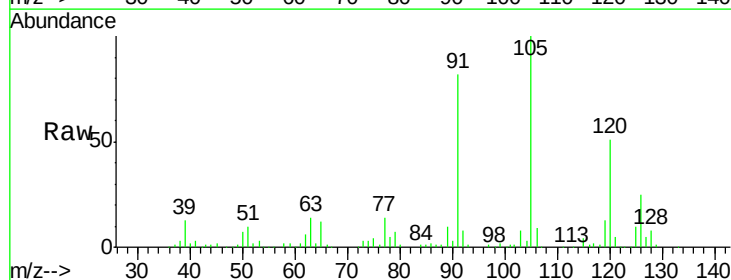
Acq: 05 May 2018 12:31

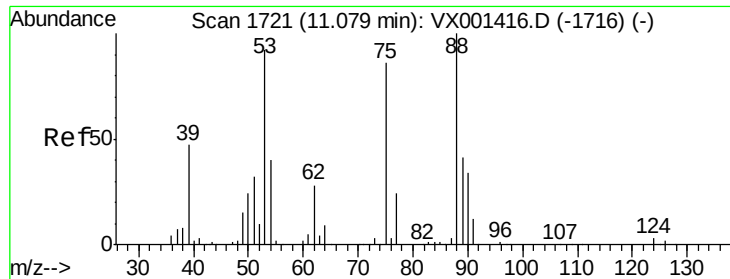
Tgt Ion: 105 Resp: 62349

Ion Ratio Lower Upper

105 100

120 49.2 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 3.96 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

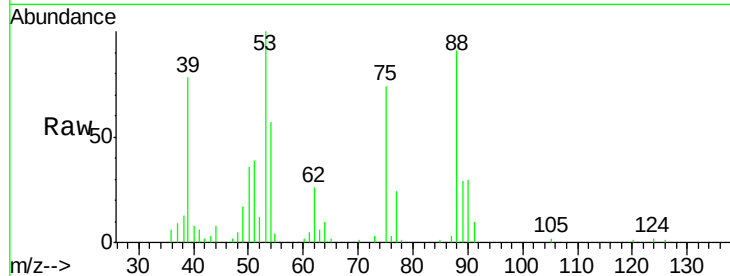
Tgt Ion: 75 Resp: 4155

Ion Ratio Lower Upper

75 100

53 139.8 84.5 126.7#

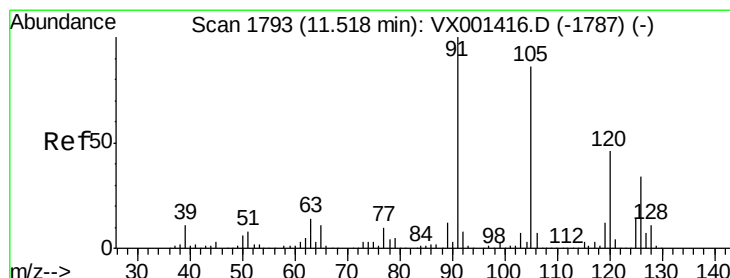
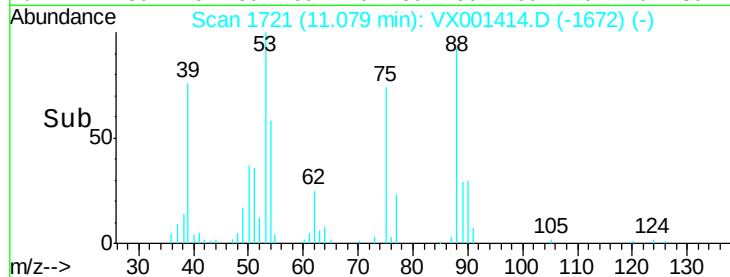
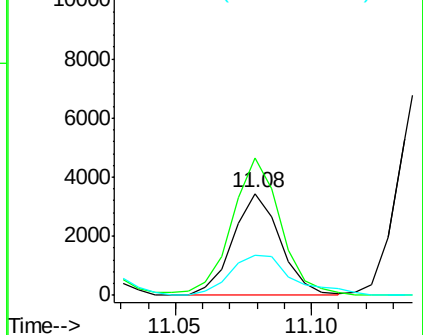
89 53.1 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.84 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001414.D

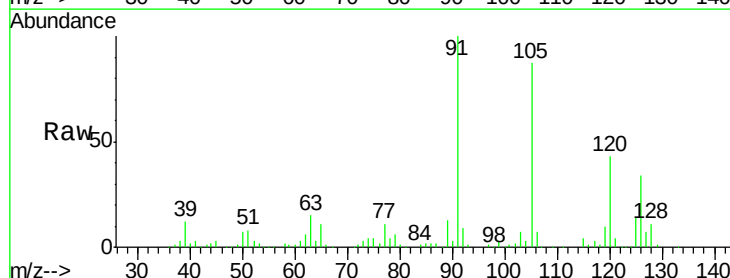
Acq: 05 May 2018 12:31

Tgt Ion: 91 Resp: 56172

Ion Ratio Lower Upper

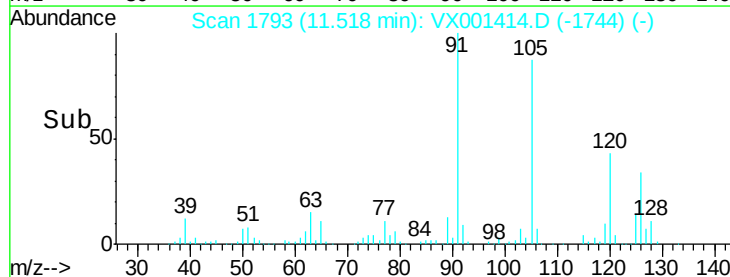
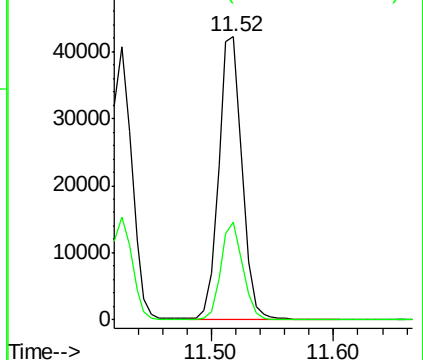
91 100

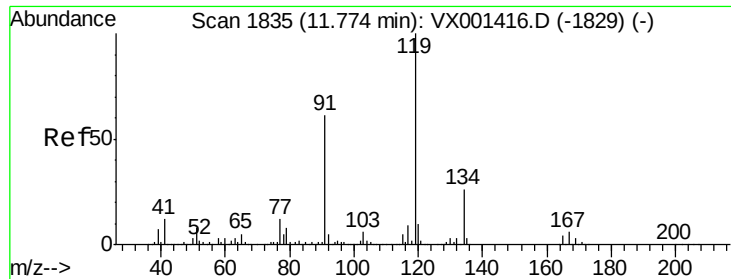
126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

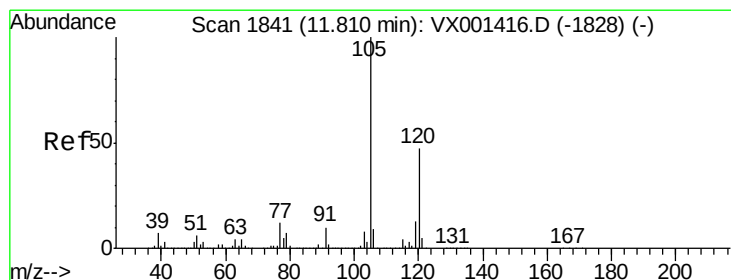
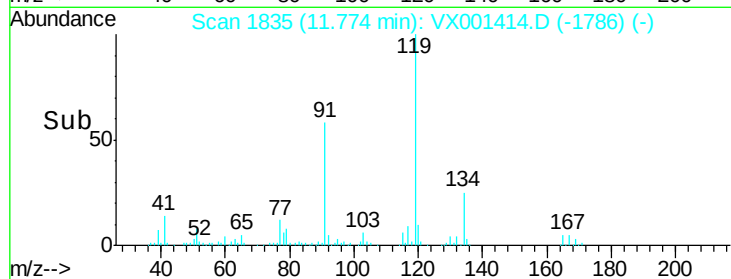
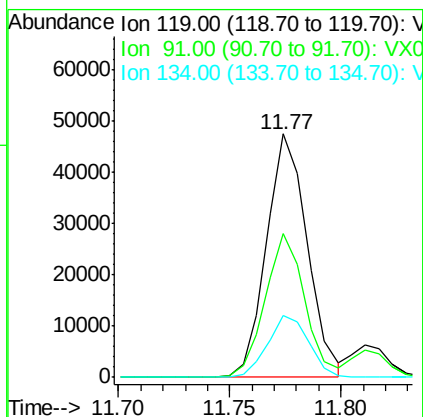
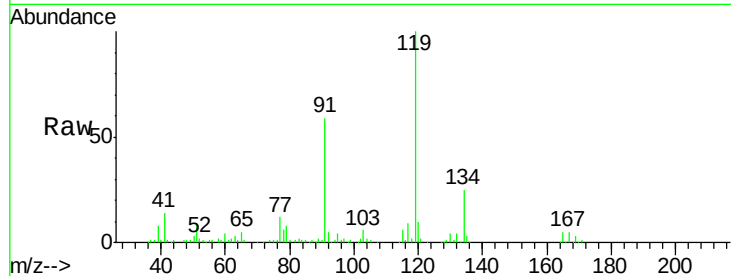




#83
 tert-Butylbenzene
 Concen: 5.00 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

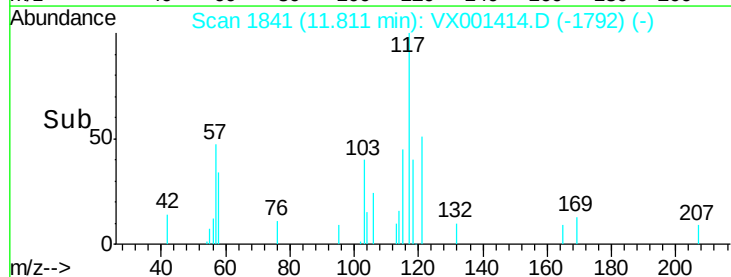
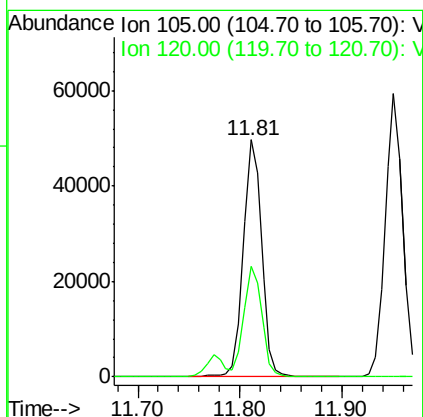
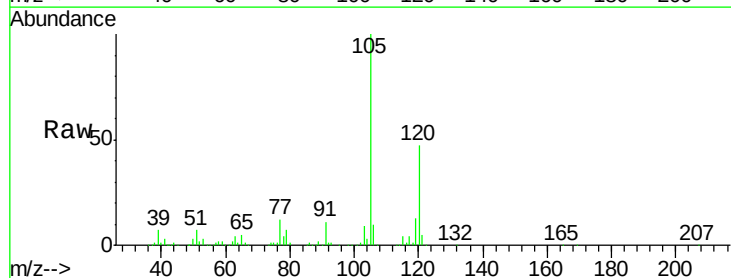
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

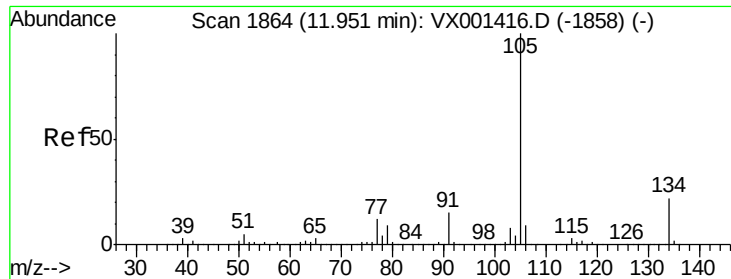
Tgt Ion:119 Resp: 60387
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.8 83.3
 134 25.9 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.98 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion:105 Resp: 61892
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.2





#85

sec-Butylbenzene

Concen: 5.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

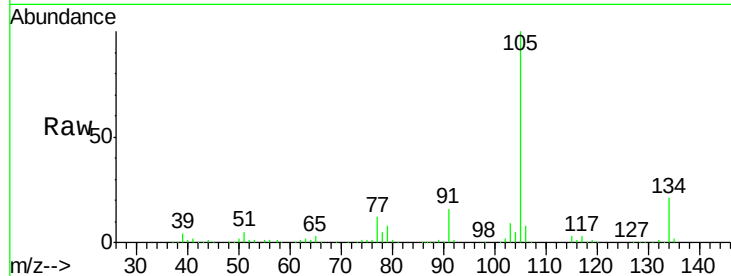
VSTDIC005

Tgt Ion:105 Resp: 72487

Ion Ratio Lower Upper

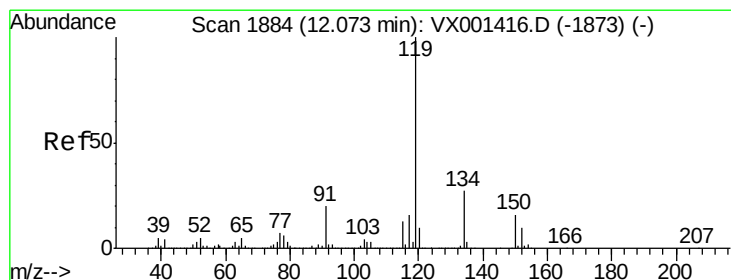
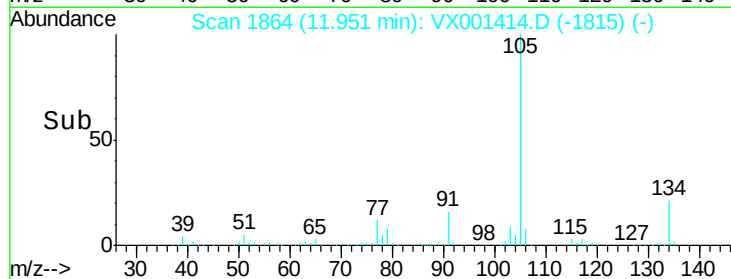
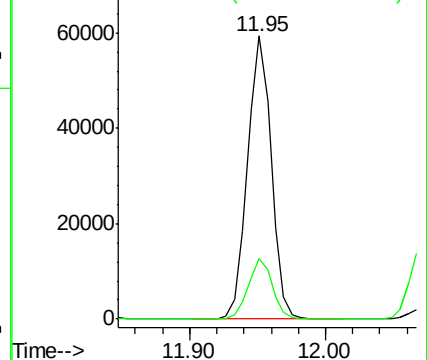
105 100

134 21.6 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

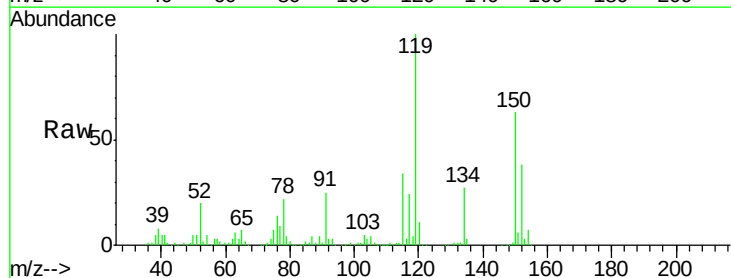
Tgt Ion:119 Resp: 64877

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

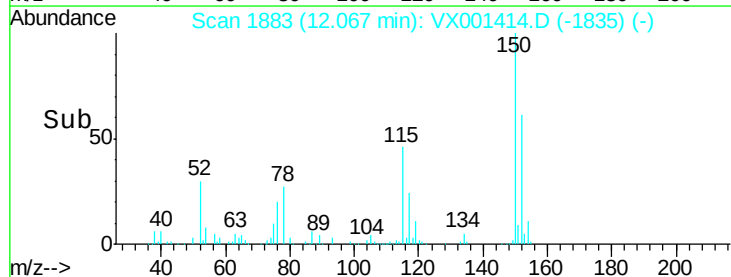
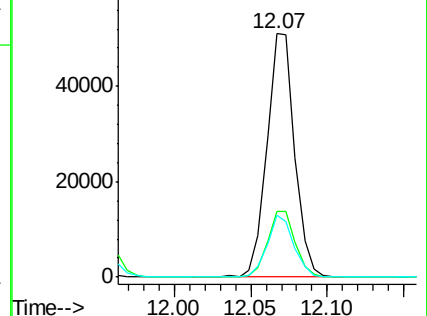
91 24.3 10.8 32.3

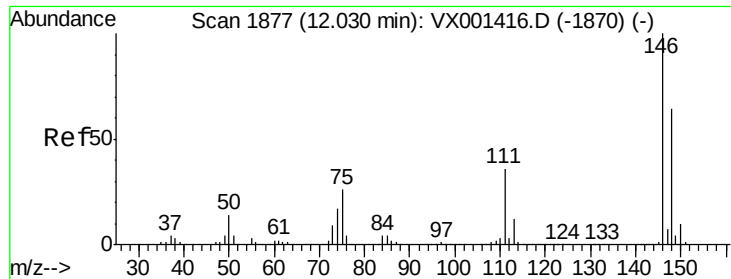


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

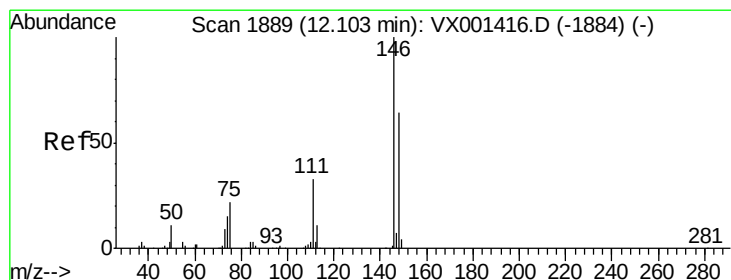
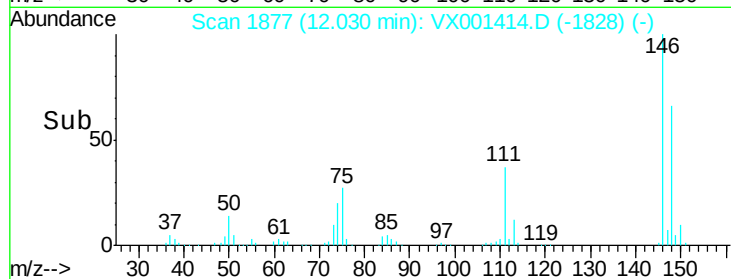
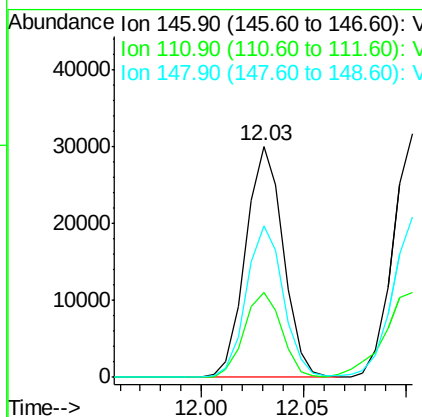
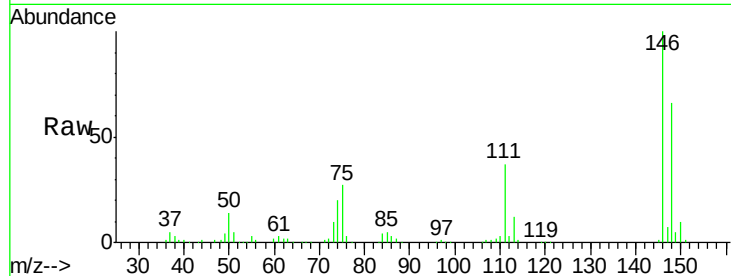




#87
 1,3-Dichlorobenzene
 Concen: 4.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

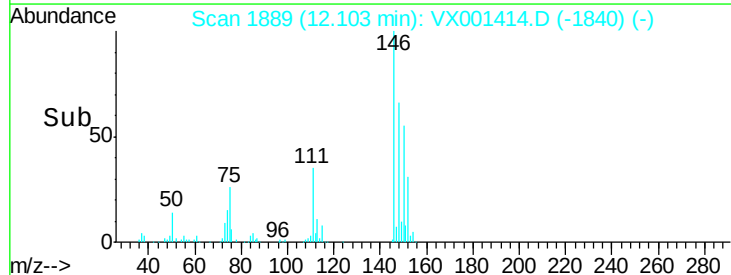
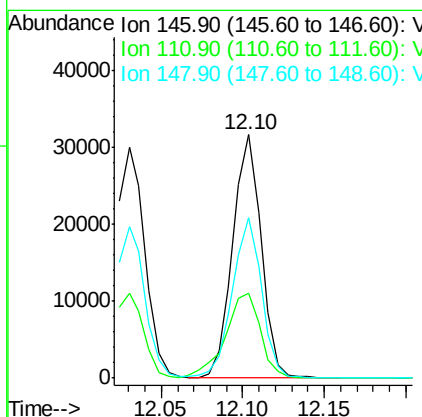
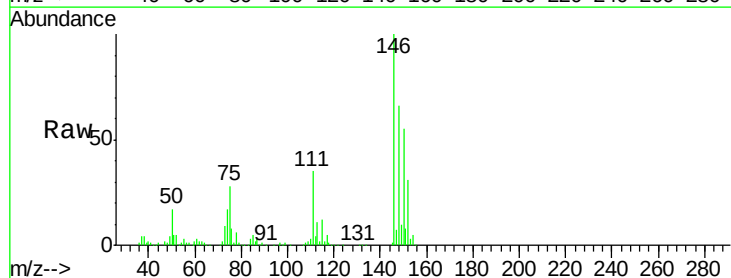
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

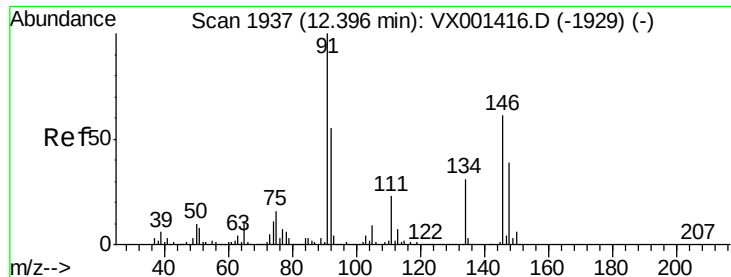
Tgt Ion:146 Resp: 38463
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.1 54.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 4.83 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion:146 Resp: 38539
 Ion Ratio Lower Upper
 146 100
 111 42.8 17.4 52.3
 148 67.8 32.2 96.6





#89

n-Butylbenzene

Concen: 4.36 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

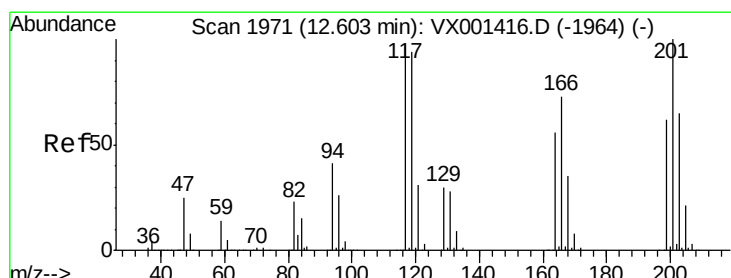
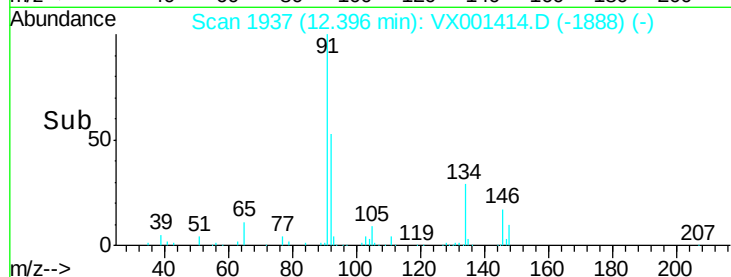
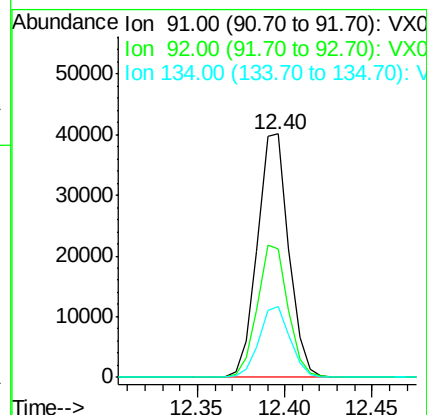
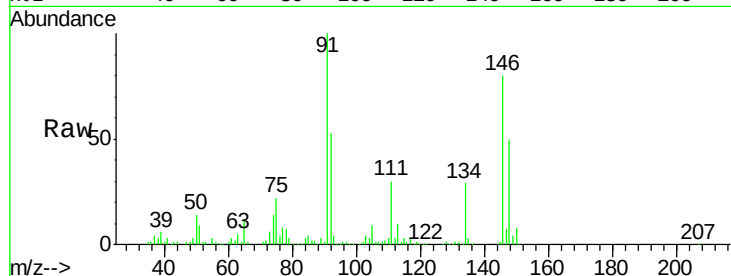
Tgt Ion: 91 Resp: 50203

Ion Ratio Lower Upper

91 100

92 53.1 27.2 81.5

134 28.4 14.6 44.0



#90

Hexachloroethane

Concen: 4.40 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001414.D

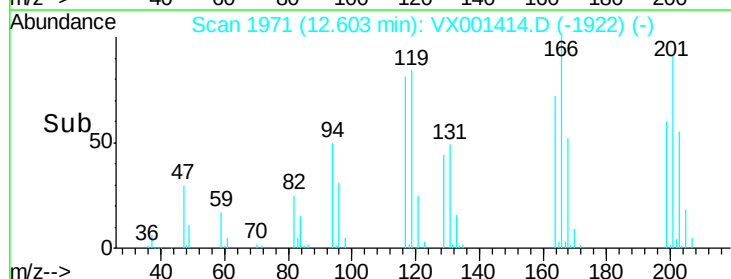
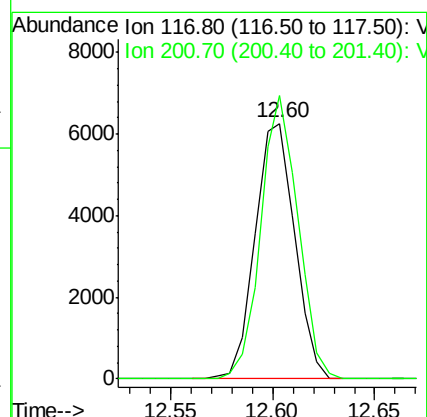
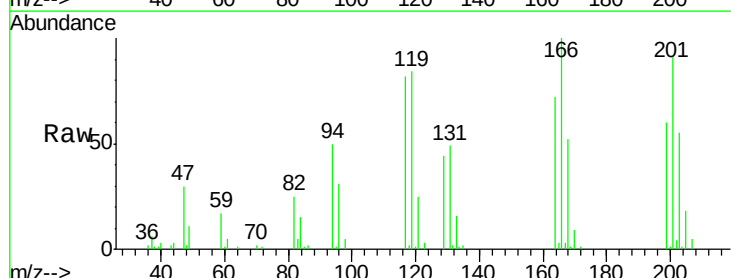
Acq: 05 May 2018 12:31

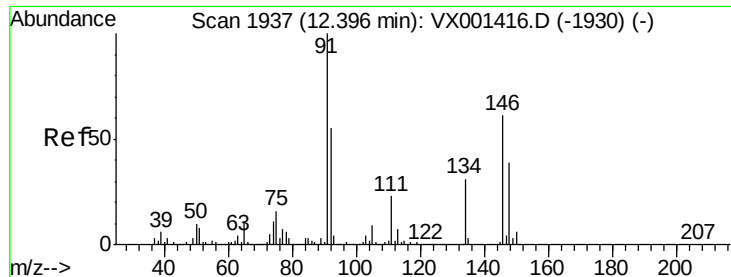
Tgt Ion: 117 Resp: 8472

Ion Ratio Lower Upper

117 100

201 103.8 51.5 154.5

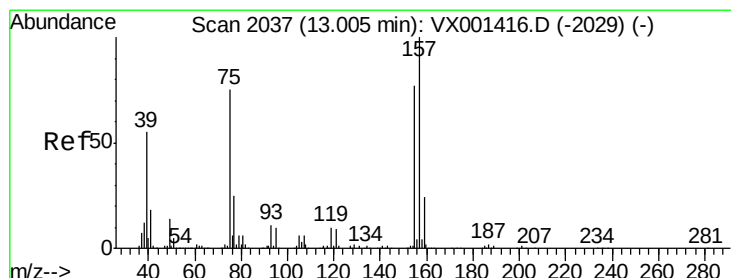
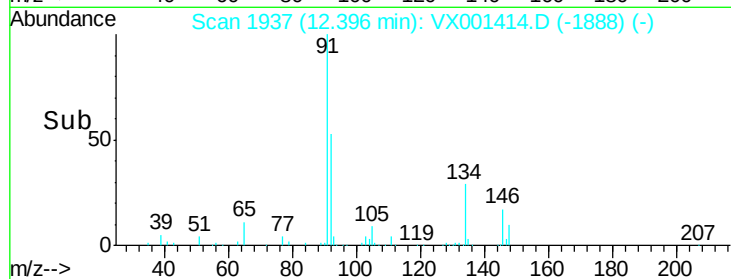
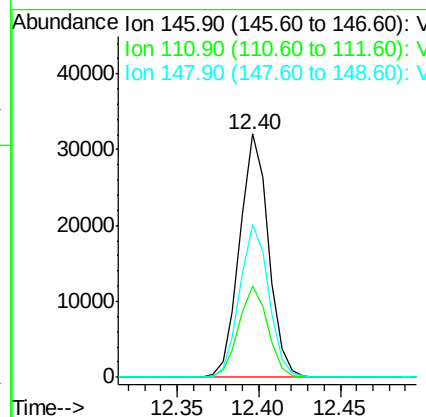
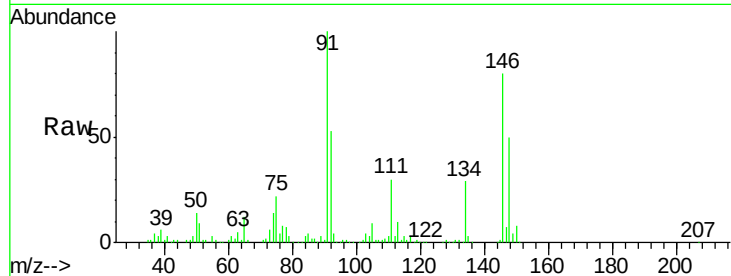




#91
 1,2-Dichlorobenzene
 Concen: 5.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

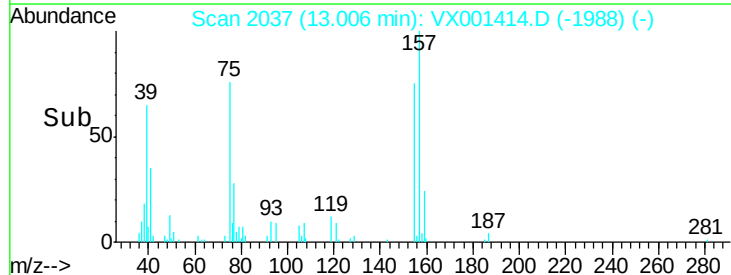
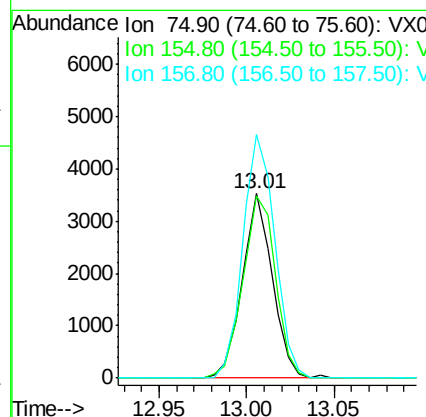
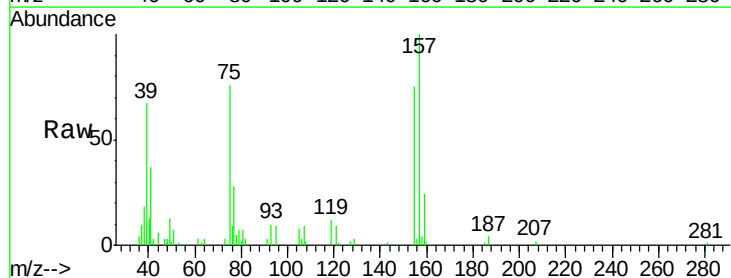
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

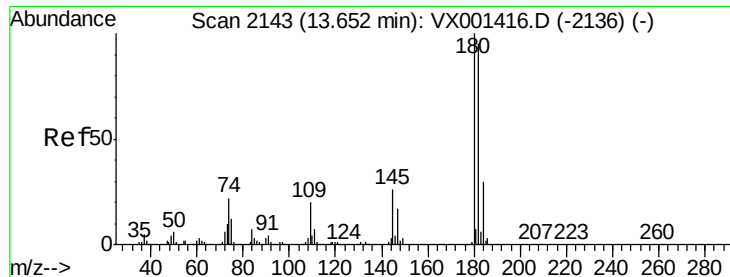
Tgt Ion:146 Resp: 39674
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 63.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion: 75 Resp: 4231
 Ion Ratio Lower Upper
 75 100
 155 106.9 53.4 160.2
 157 139.8 68.3 204.8

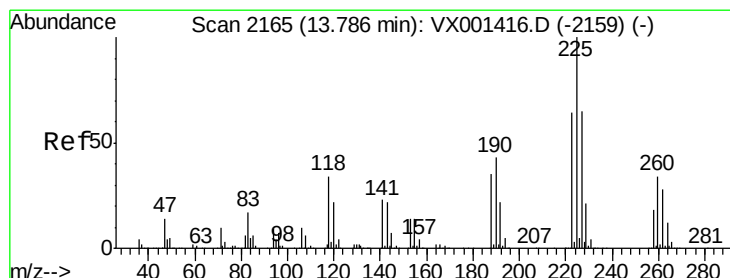
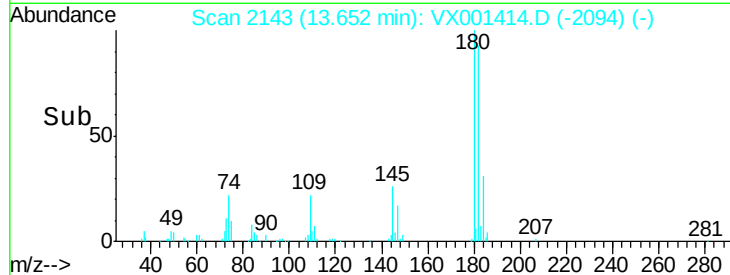
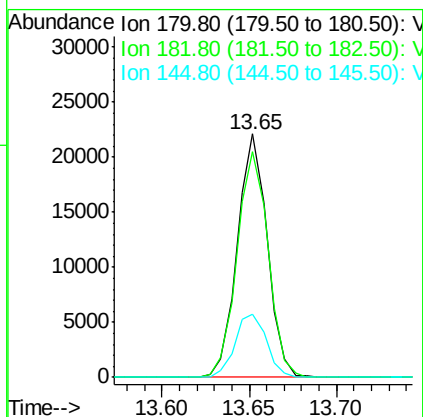
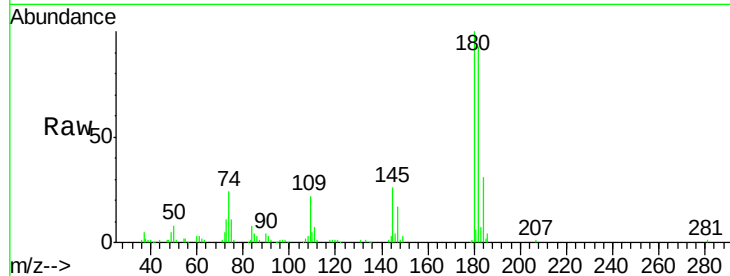




#93
 1,2,4-Trichlorobenzene
 Concen: 4.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

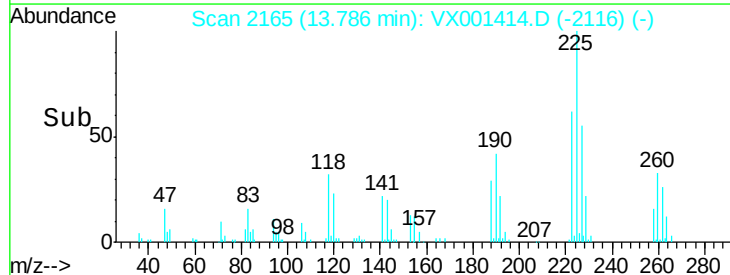
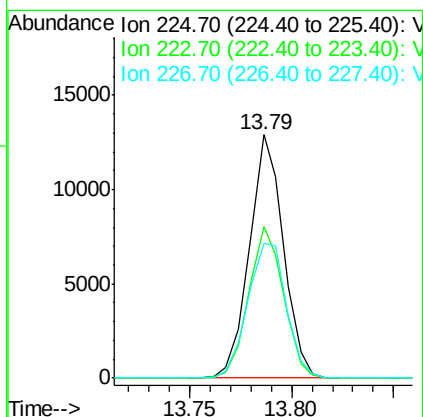
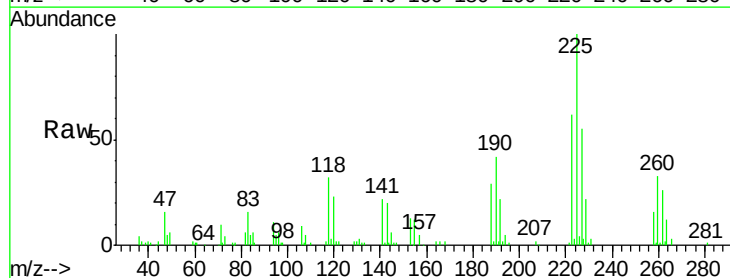
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

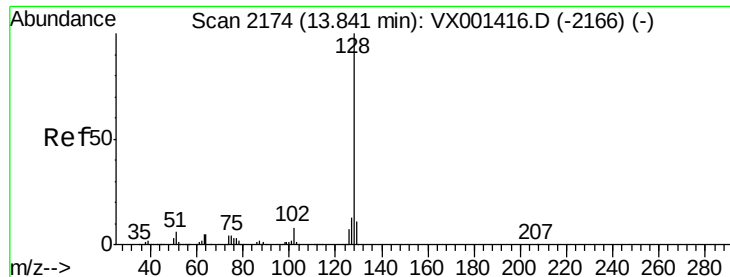
Tgt Ion:180 Resp: 26302
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.4
 145 27.5 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 4.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001414.D
 Acq: 05 May 2018 12:31

Tgt Ion:225 Resp: 14948
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.9
 227 62.8 32.4 97.2





#95

Naphthalene

Concen: 4.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

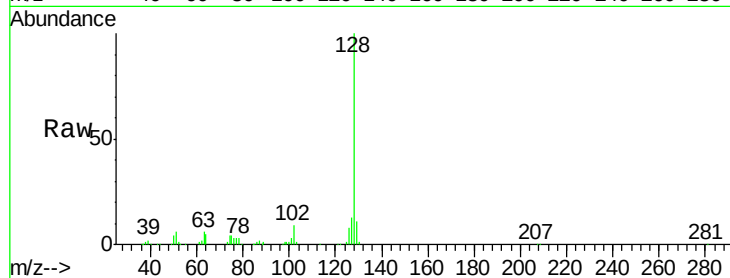
Tgt Ion:128 Resp: 73864

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

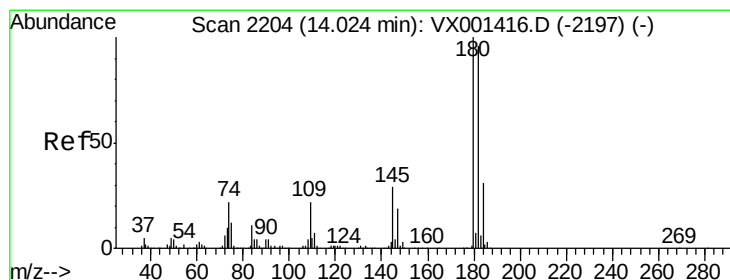
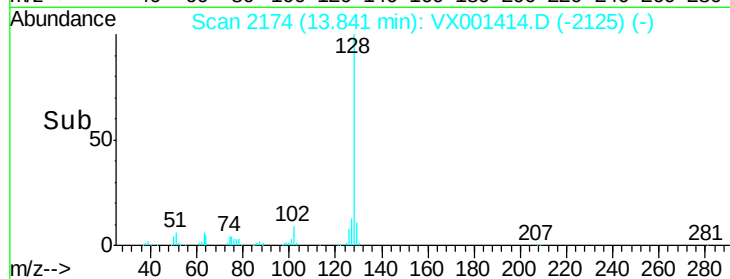
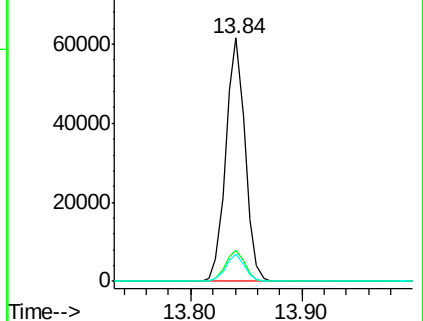
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001414.D

Acq: 05 May 2018 12:31

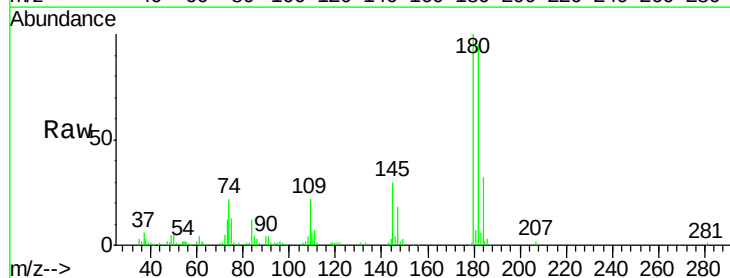
Tgt Ion:180 Resp: 27885

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.2

145 30.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

