

Data File : VX003727.D
Acq On : 30 Jul 2018 16:50
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jul 31 05:27:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	101783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	20655	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
35) Dibromofluoromethane	5.50	113	17076	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	
50) Toluene-d8	8.72	98	71860	19.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.86%	
62) 4-Bromofluorobenzene	11.14	95	26363	19.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	17961	20.907	ug/l	100
3) Chloromethane	1.32	50	22095	20.460	ug/l	100
4) Vinyl Chloride	1.40	62	23336	20.089	ug/l #	83
5) Bromomethane	1.64	94	13301	19.022	ug/l	99
6) Chloroethane	1.70	64	18048	22.075	ug/l	99
7) Trichlorofluoromethane	1.92	101	30190	28.684	ug/l	99
8) Diethyl Ether	2.19	74	11609	20.166	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	19018	19.682	ug/l	97
10) Methyl Iodide	2.50	142	21635	19.475	ug/l	98
11) Tert butyl alcohol	3.09	59	17226	103.344	ug/l	100
12) 1,1-Dichloroethene	2.37	96	18509	18.805	ug/l	98
13) Acrolein	2.29	56	7398	135.656	ug/l	96
14) Allyl chloride	2.72	41	32352	20.061	ug/l	99
15) Acrylonitrile	3.15	53	43277	102.091	ug/l	98
16) Acetone	2.45	43	38113	96.929	ug/l	99
17) Carbon Disulfide	2.56	76	55626	18.792	ug/l	100
18) Methyl Acetate	2.78	43	21935	19.851	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	50206	20.274	ug/l	100
20) Methylene Chloride	2.85	84	24063	19.961	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	19861	19.924	ug/l	93
22) Diisopropyl ether	3.87	45	59323	20.377	ug/l	99
23) Vinyl Acetate	3.82	43	212965	101.426	ug/l	99
24) 1,1-Dichloroethane	3.70	63	34450	20.291	ug/l	97
25) 2-Butanone	4.70	43	58422	101.922	ug/l	100
26) 2,2-Dichloropropane	4.57	77	27170	20.319	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	21210	19.744	ug/l	97
28) Bromochloromethane	5.02	49	15302	20.093	ug/l	97
29) Tetrahydrofuran	5.16	42	37676	103.140	ug/l	100
30) Chloroform	5.21	83	33611	20.090	ug/l	96
31) Cyclohexane	5.57	56	32039	19.536	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	29416	20.458	ug/l	100
36) 1,1-Dichloropropene	5.80	75	28011	19.859	ug/l	99
37) Ethyl Acetate	4.86	43	23518	21.706	ug/l	100
38) Carbon Tetrachloride	5.78	117	25061	19.209	ug/l	95

Data File : VX003727.D
Acq On : 30 Jul 2018 16:50
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jul 31 05:27:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	33683	19.451	ug/l	97
40) Benzene	6.15	78	81459	20.153	ug/l	100
41) Methacrylonitrile	5.06	41	12522	20.504	ug/l	99
42) 1,2-Dichloroethane	6.20	62	24923	20.415	ug/l	98
43) Isopropyl Acetate	6.46	43	34521	19.997	ug/l	100
44) Trichloroethene	7.21	130	22344	19.378	ug/l	99
45) 1,2-Dichloropropane	7.52	63	20234	20.357	ug/l	95
46) Dibromomethane	7.67	93	11546	20.157	ug/l	98
47) Bromodichloromethane	7.90	83	22613	19.810	ug/l	99
48) Methyl methacrylate	7.78	41	17726	20.471	ug/l	98
49) 1,4-Dioxane	7.76	88	7138	408.425	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	111829	105.408	ug/l	99
52) Toluene	8.79	92	50727	20.119	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	25461	19.530	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	28950	19.922	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	18015	20.761	ug/l	99
56) Ethyl methacrylate	9.18	69	24040	20.169	ug/l	99
57) 1,3-Dichloropropane	9.37	76	29742	20.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	51545	90.396	ug/l	100
59) 2-Hexanone	9.50	43	84792	104.912	ug/l	100
60) Dibromochloromethane	9.59	129	17427	19.942	ug/l	98
61) 1,2-Dibromoethane	9.68	107	18475	20.853	ug/l	99
64) Tetrachloroethene	9.34	164	21101	19.454	ug/l	97
65) Chlorobenzene	10.14	112	57667	19.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	18485	19.657	ug/l	98
67) Ethyl Benzene	10.26	91	96906	19.902	ug/l	100
68) m/p-Xylenes	10.36	106	76285	40.051	ug/l	99
69) o-Xylene	10.70	106	35430	20.033	ug/l	98
70) Styrene	10.71	104	60371	20.290	ug/l	100
71) Bromoform	10.86	173	12362	19.119	ug/l #	99
73) Isopropylbenzene	11.02	105	98653	19.852	ug/l	100
74) N-amyl acetate	6.46	43	34521	21.841	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	26349	20.394	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	28953	26.461	ug/l	83
77) Bromobenzene	11.26	156	25857	19.958	ug/l	99
78) n-propylbenzene	11.36	91	120433	20.004	ug/l	100
79) 2-Chlorotoluene	11.42	91	68374	20.004	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	84280	17.384	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	7012	18.982	ug/l	91
82) 4-Chlorotoluene	11.51	91	82995	20.019	ug/l	99
83) tert-Butylbenzene	11.77	119	82483	19.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	87346	20.006	ug/l	99
85) sec-Butylbenzene	11.95	105	106622	19.865	ug/l	100
86) p-Isopropyltoluene	12.07	119	96951	22.528	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	52429	20.005	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	53712	20.088	ug/l	99
89) n-Butylbenzene	12.39	91	91873	19.787	ug/l	99
90) Hexachloroethane	12.60	117	13740	18.968	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	49409	20.244	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5190	20.246	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073018\
Quantitation Report (Not Reviewed)

Data File : VX003727.D
Acq On : 30 Jul 2018 16:50
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jul 31 05:27:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	38527	19.899	ug/l	100
94) Hexachlorobutadiene	13.79	225	24646	19.905	ug/l	99
95) Naphthalene	13.83	128	83831	20.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35707	20.317	ug/l	99

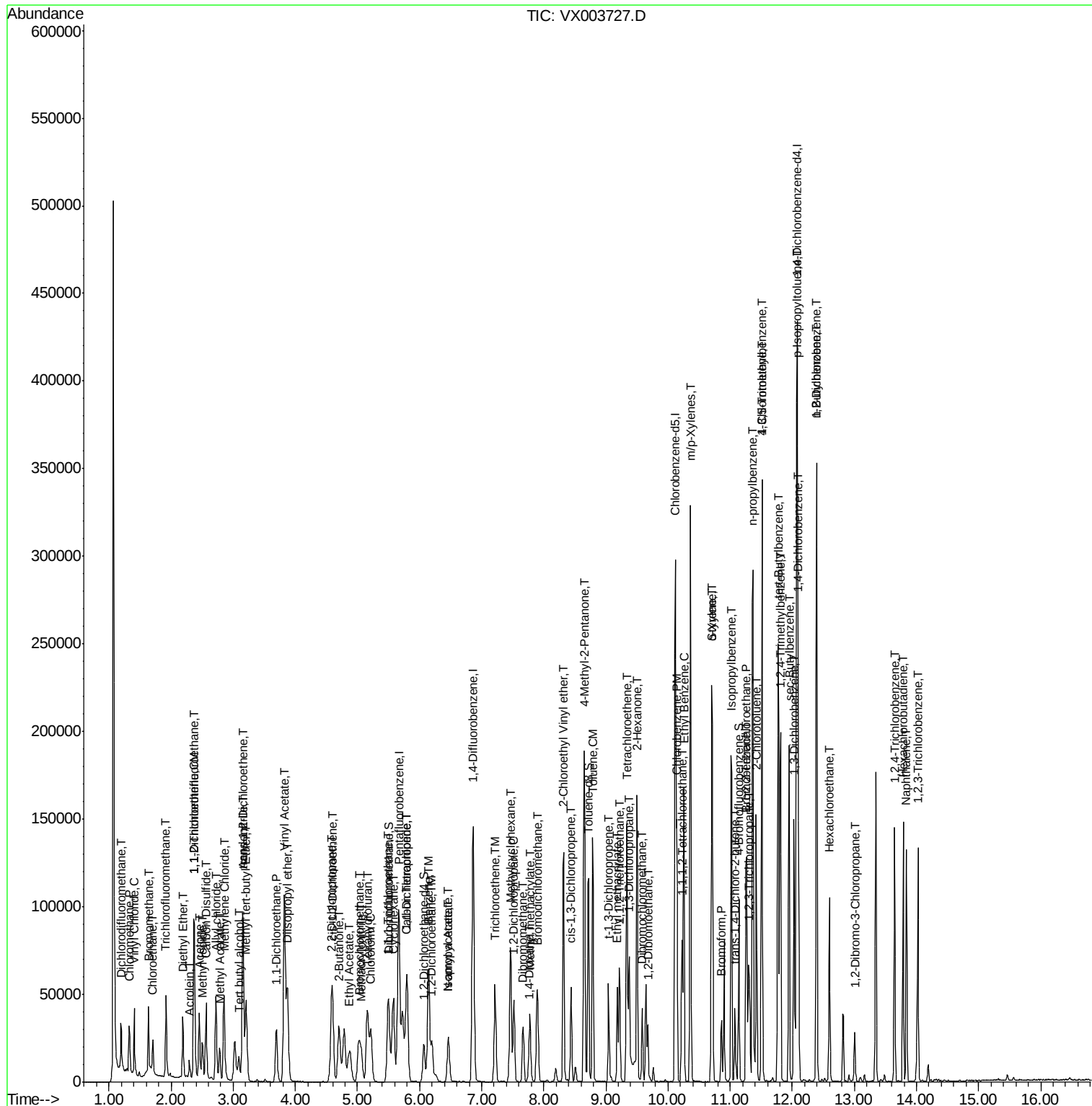
(#) = qualifier out of range (m) = manual integration (+) = signals summed

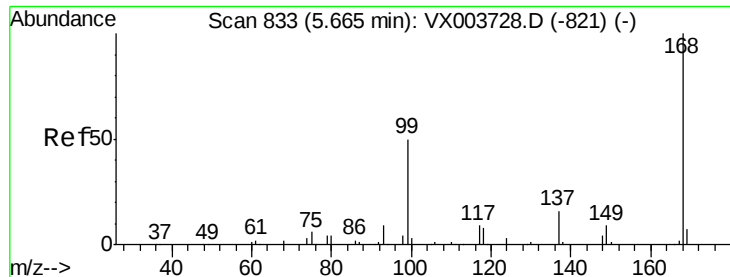
Data File : VX003727.D

```
Acq On      : 30 Jul 2018   16:50
Operator    : JC/SP
Sample      : VSTDIC020
Misc        : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial    : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Jul 31 05:27:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:23:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

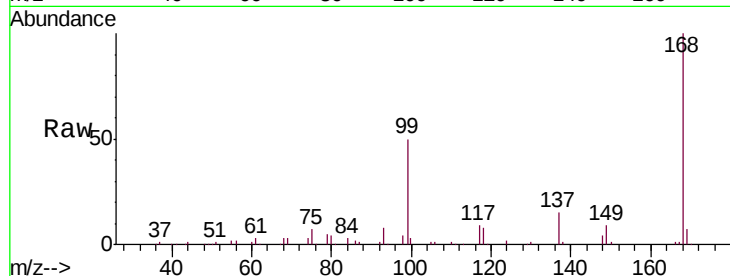
VSTDIC020

Tgt Ion:168 Resp: 101783

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

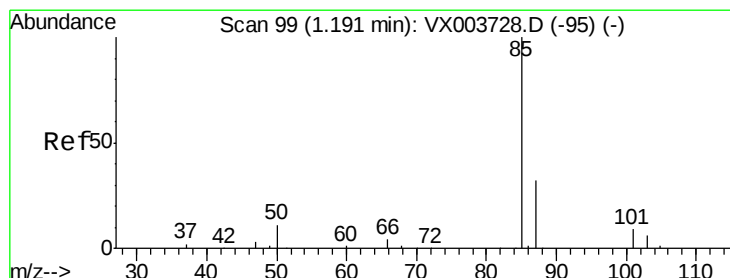
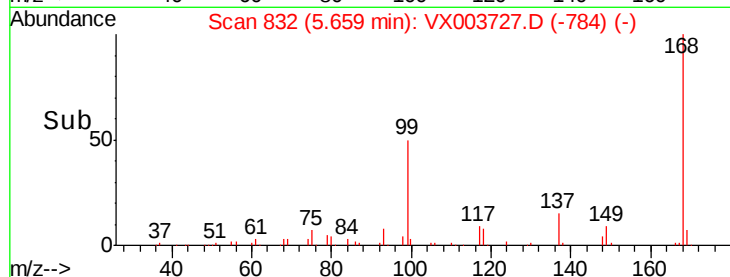
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.907 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003727.D

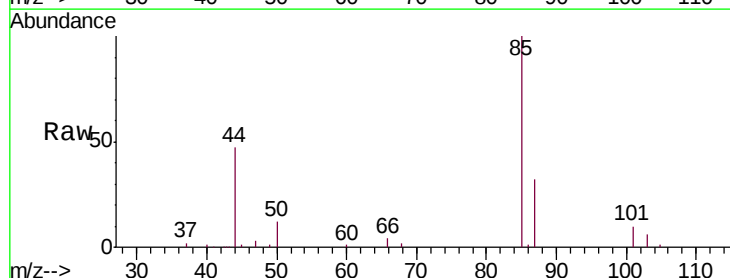
Acq: 30 Jul 2018 16:50

Tgt Ion: 85 Resp: 17961

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

15000

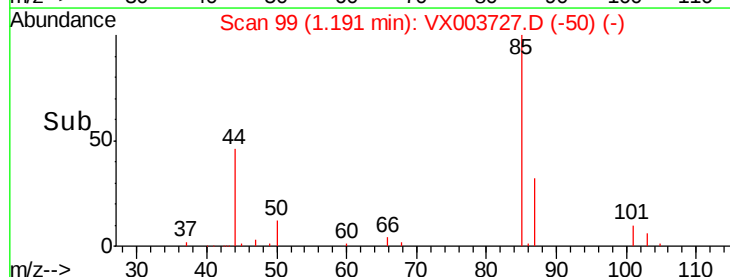
10000

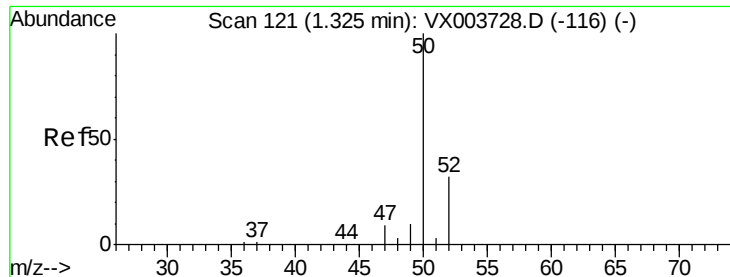
5000

0

Time-->

1.15 1.20 1.25 1.30

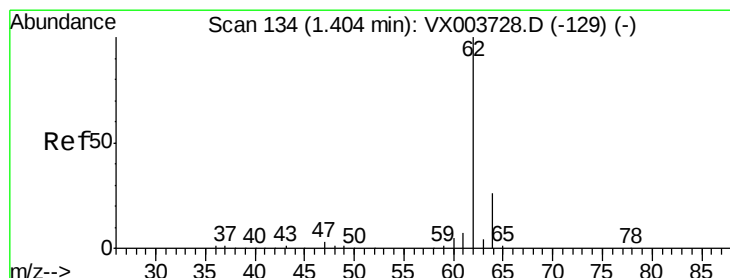
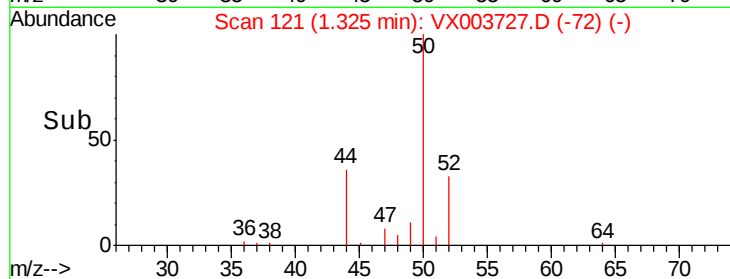
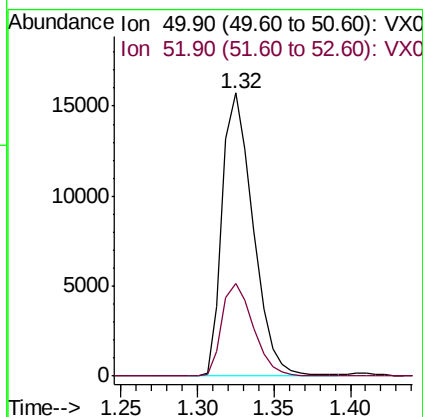
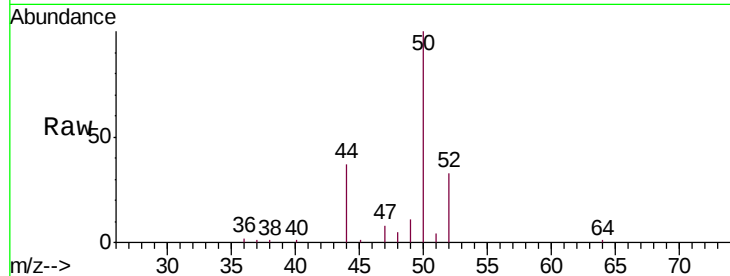




#3
Chloromethane
Concen: 20.460 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

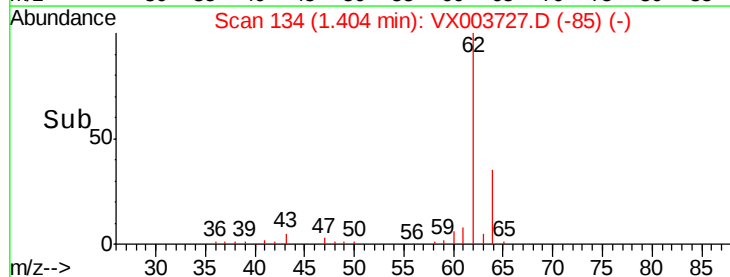
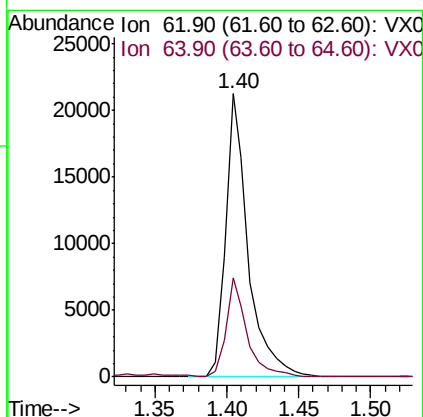
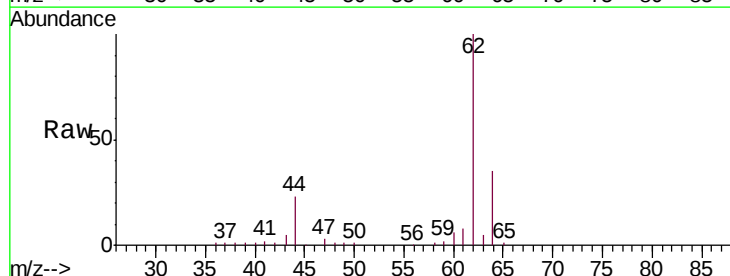
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

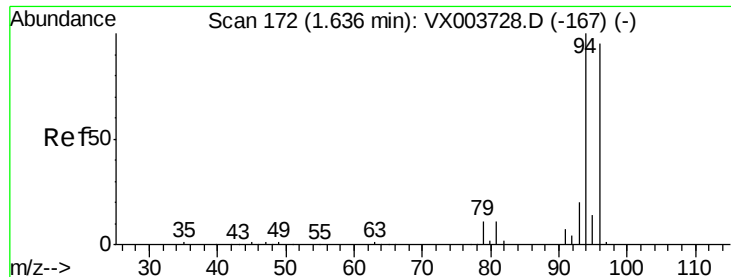
Tgt Ion: 50 Resp: 22095
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 20.089 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 62 Resp: 23336
Ion Ratio Lower Upper
62 100
64 34.9 21.0 31.4#





#5

Bromomethane

Concen: 19.022 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

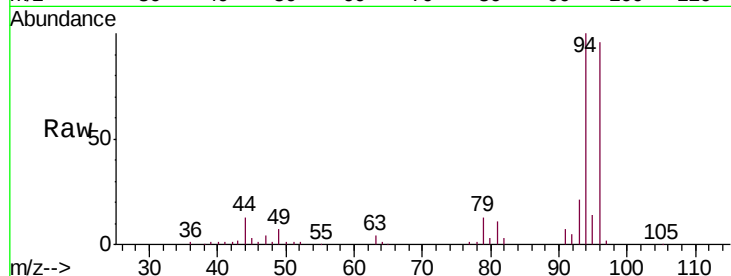
VSTDIC020

Tgt Ion: 94 Resp: 13301

Ion Ratio Lower Upper

94 100

96 95.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

15000

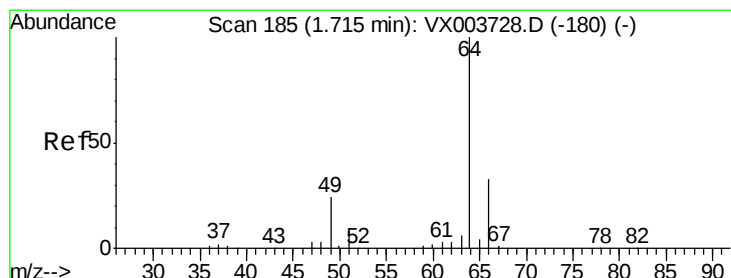
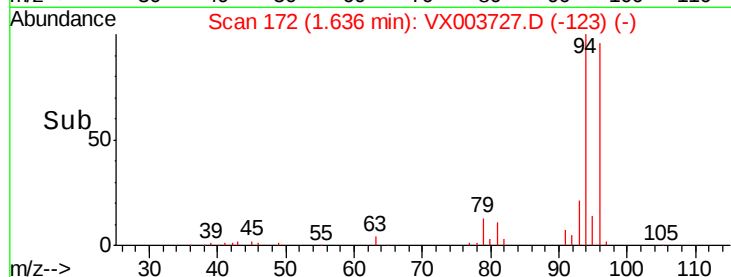
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 22.075 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003727.D

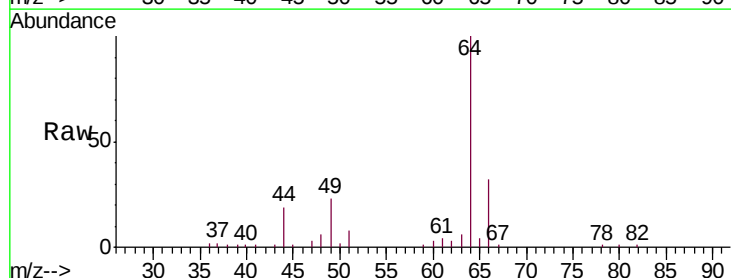
Acq: 30 Jul 2018 16:50

Tgt Ion: 64 Resp: 18048

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

12000

10000

8000

6000

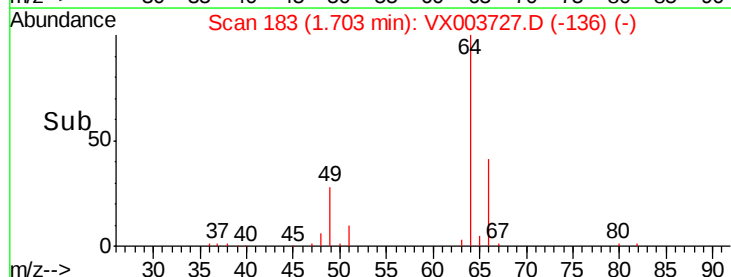
4000

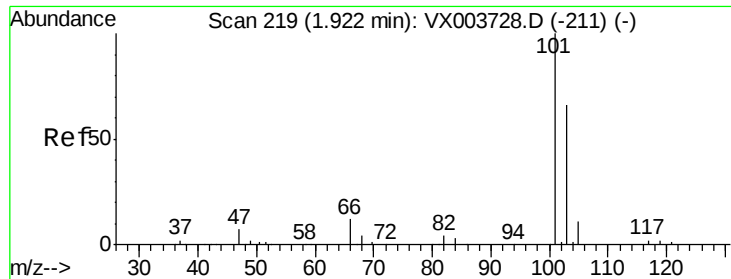
2000

0

Time-->

1.60 1.65 1.70 1.75 1.80



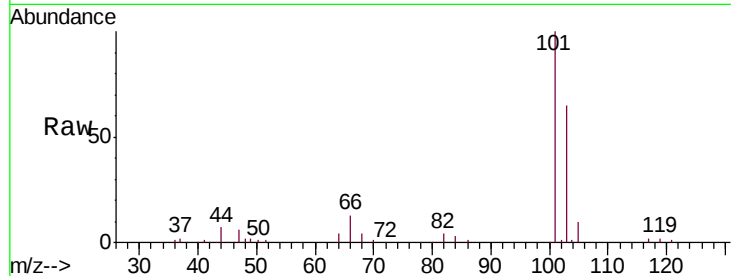


#7

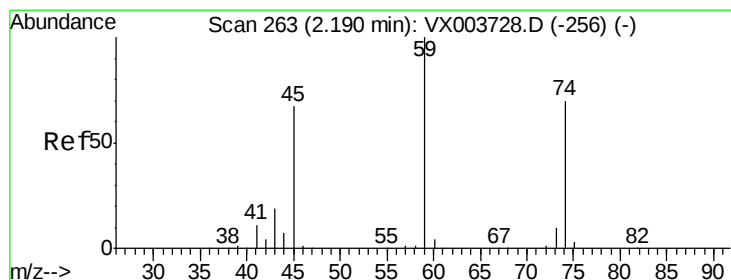
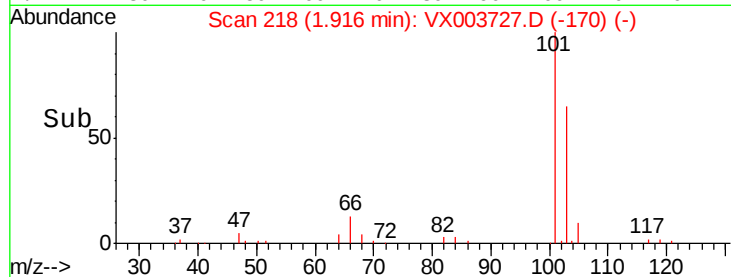
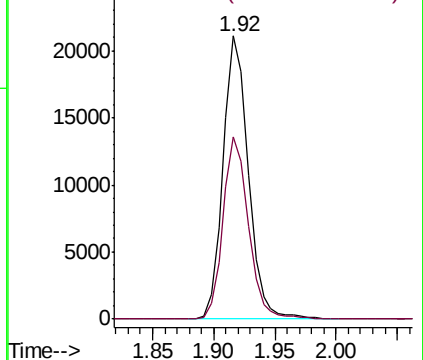
Trichlorofluoromethane
 Concen: 28.684 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 101 Resp: 30190
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 78.8



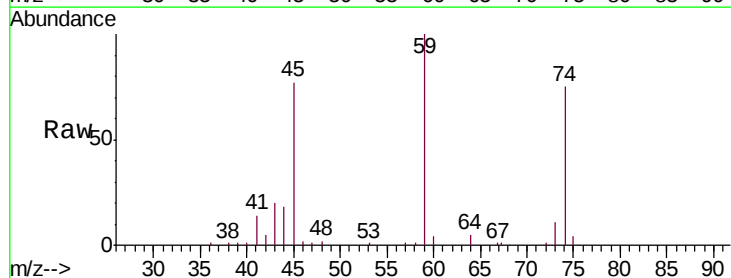
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



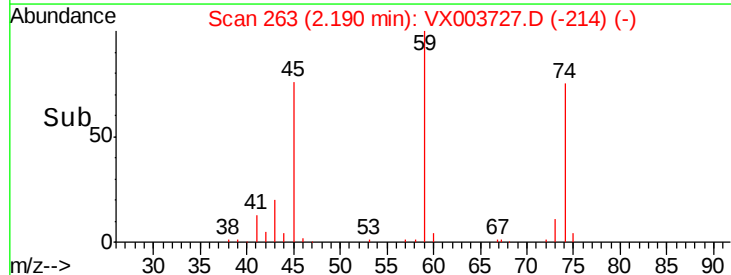
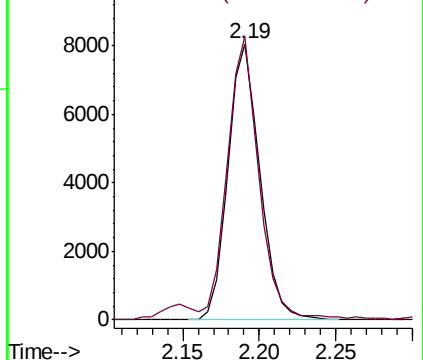
#8

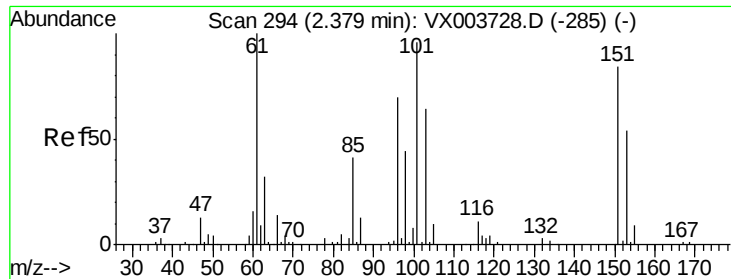
Diethyl Ether
 Concen: 20.166 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 74 Resp: 11609
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.5 148.7



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: 19.682 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

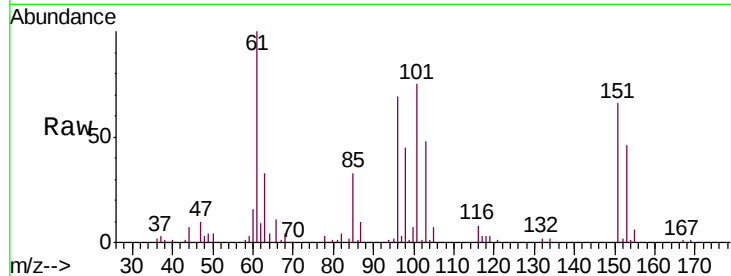
Tgt Ion:101 Resp: 19018

Ion Ratio Lower Upper

101 100

85 43.1 33.3 49.9

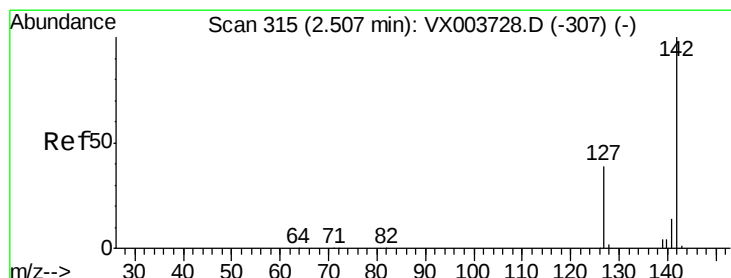
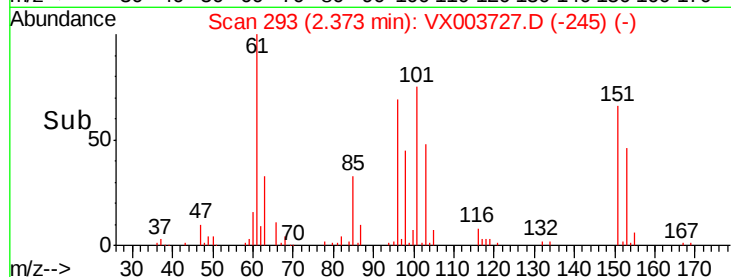
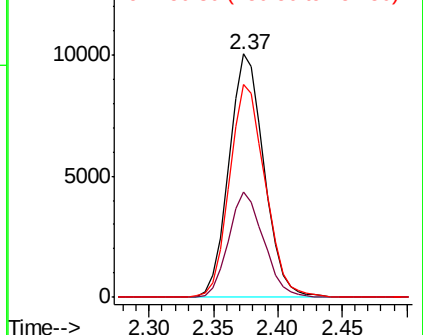
151 89.1 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.475 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

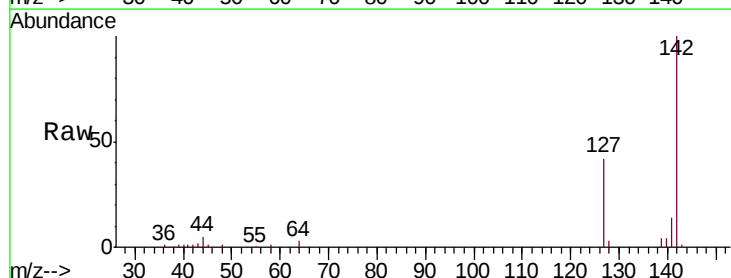
Tgt Ion:142 Resp: 21635

Ion Ratio Lower Upper

142 100

127 41.1 32.0 48.0

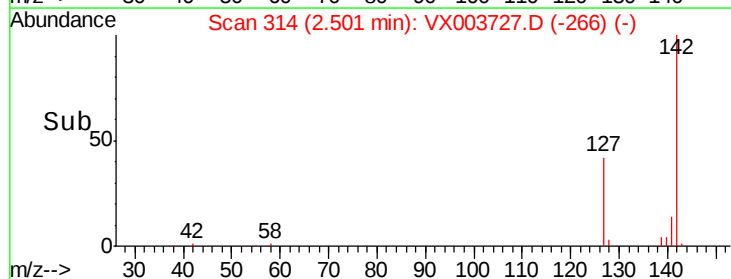
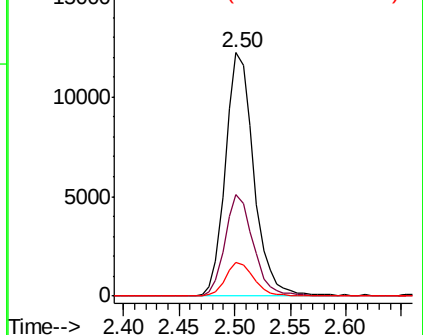
141 13.8 11.3 16.9

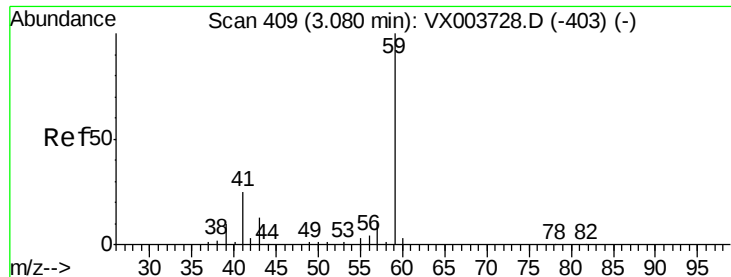


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

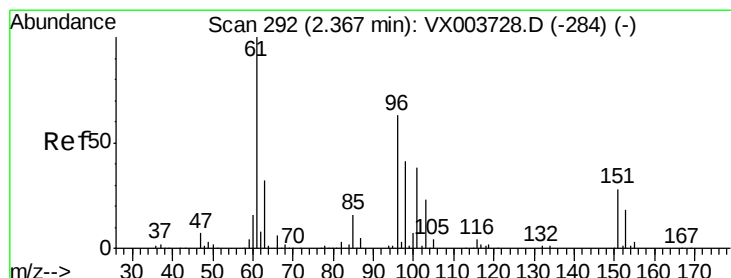
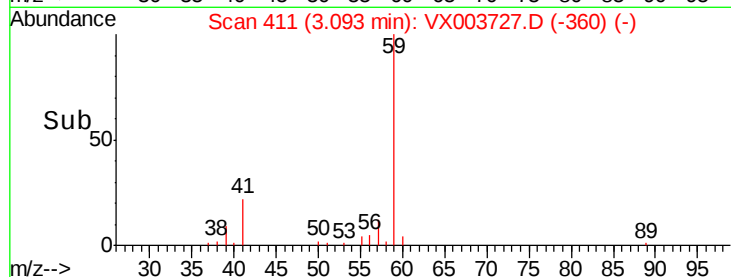
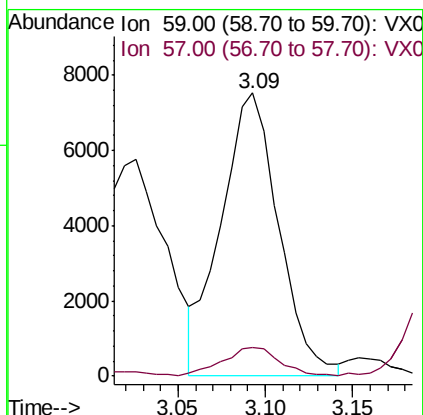
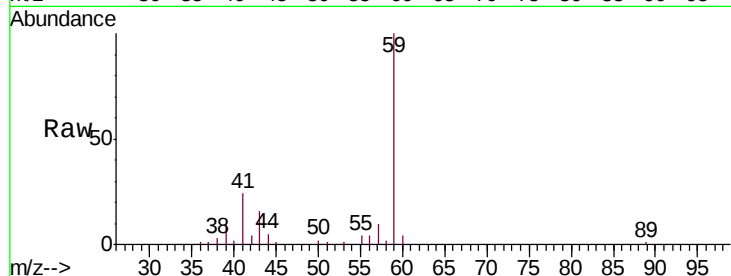




#11
Tert butyl alcohol
Concen: 103.344 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

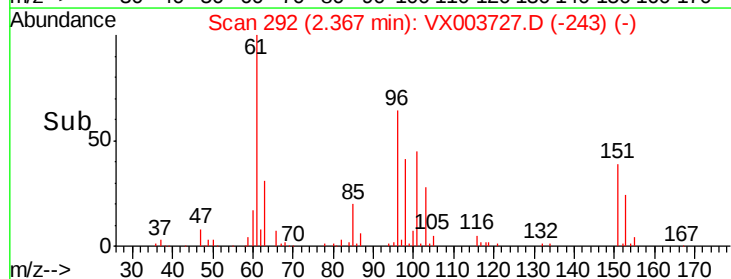
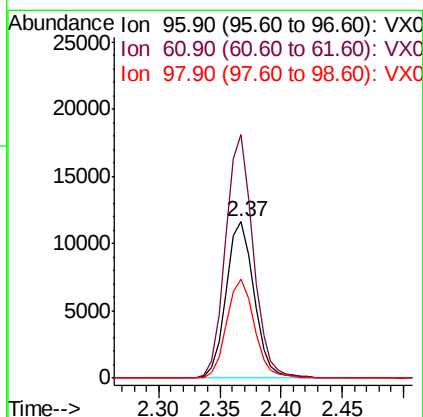
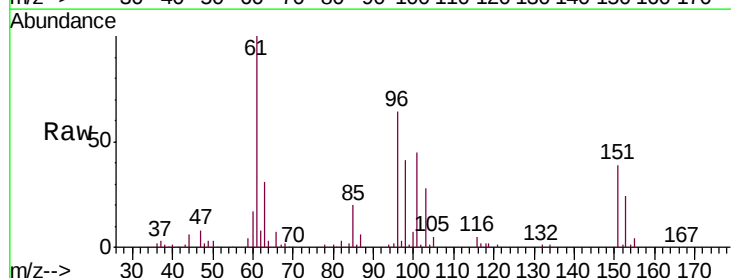
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

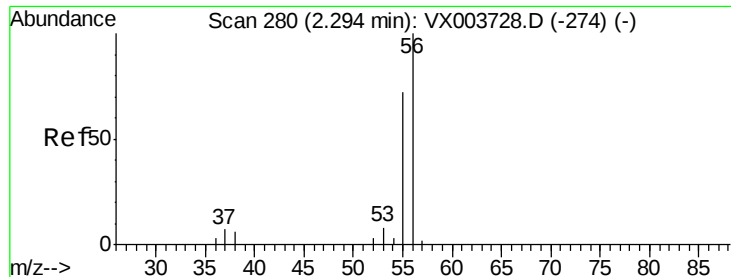
Tgt Ion: 59 Resp: 17226
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.805 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 96 Resp: 18509
Ion Ratio Lower Upper
96 100
61 155.6 127.1 190.7
98 63.3 52.0 78.0

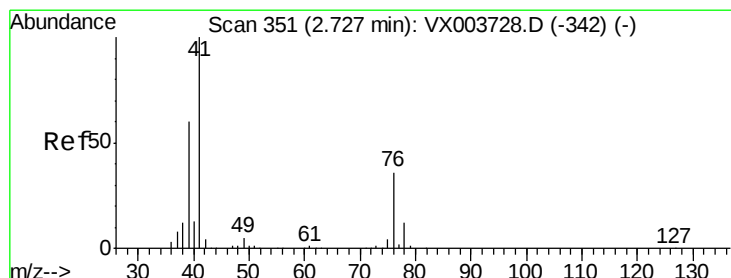
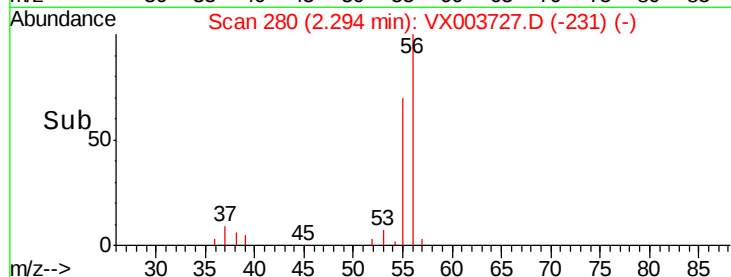
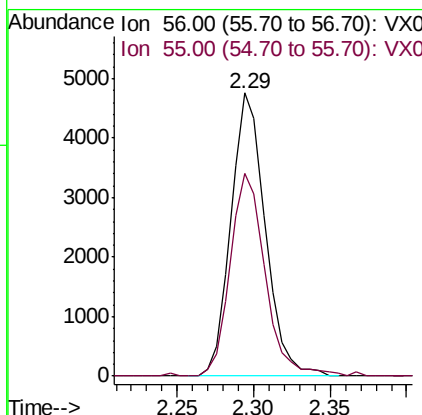
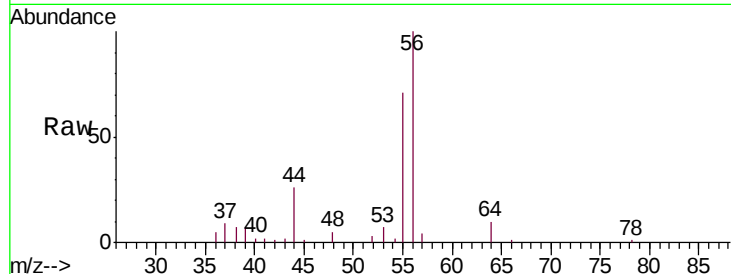




#13
 Acrolein
 Concen: 135.656 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

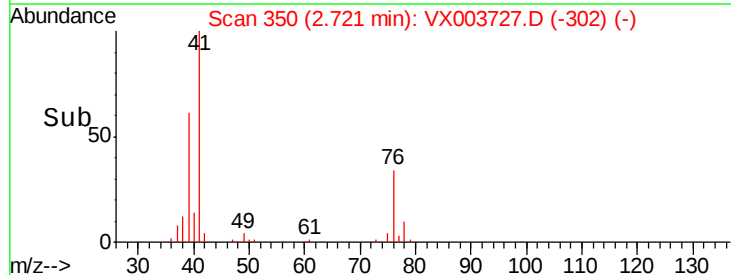
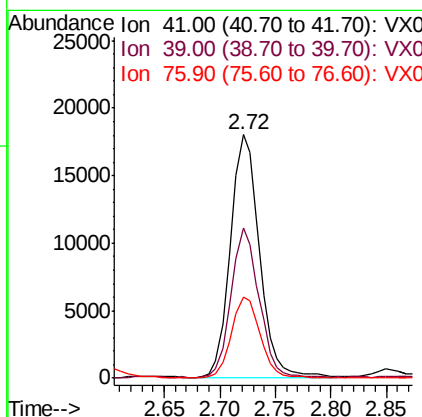
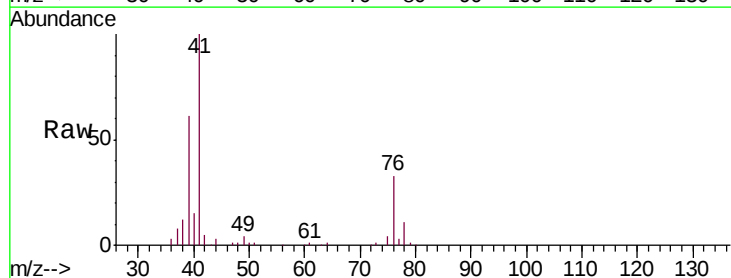
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

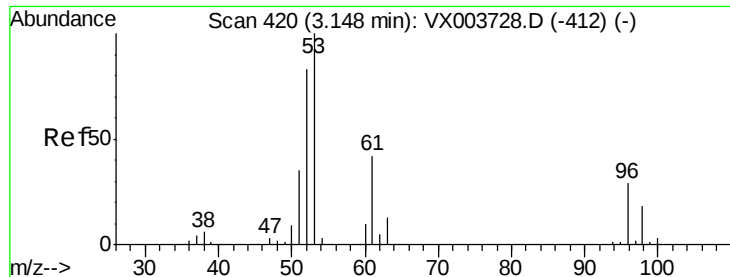
Tgt Ion: 56 Resp: 7398
 Ion Ratio Lower Upper
 56 100
 55 73.0 61.4 92.0



#14
 Allyl chloride
 Concen: 20.061 ug/l
 RT: 2.72 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 41 Resp: 32352
 Ion Ratio Lower Upper
 41 100
 39 60.6 47.7 71.5
 76 33.3 27.0 40.6





#15

Acrylonitrile

Concen: 102.091 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

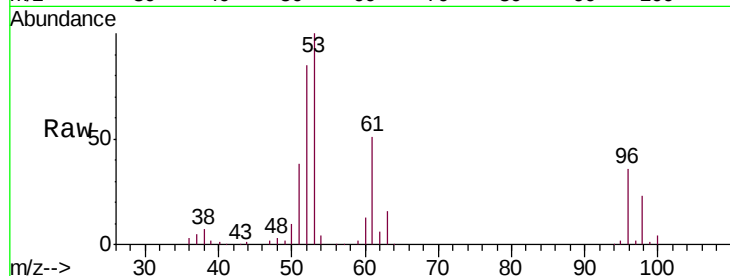
Tgt Ion: 53 Resp: 43277

Ion Ratio Lower Upper

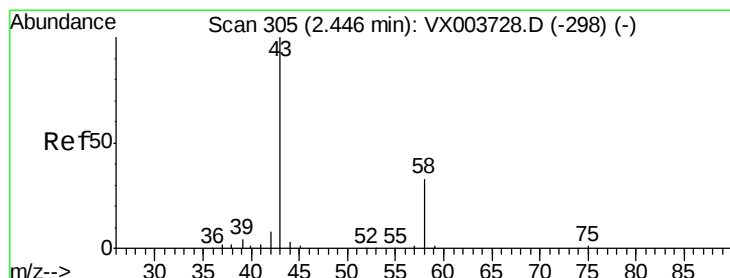
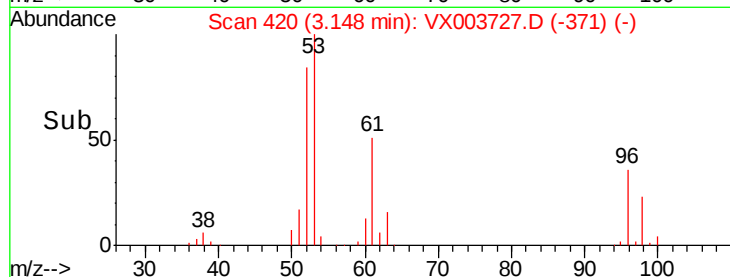
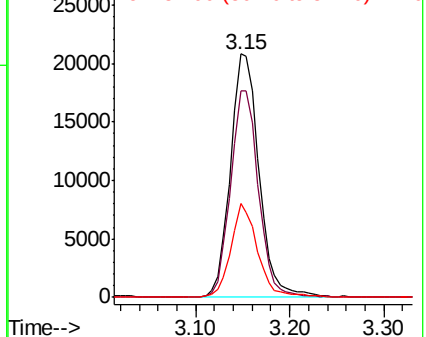
53 100

52 84.4 66.2 99.2

51 36.7 28.5 42.7



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: 96.929 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003727.D

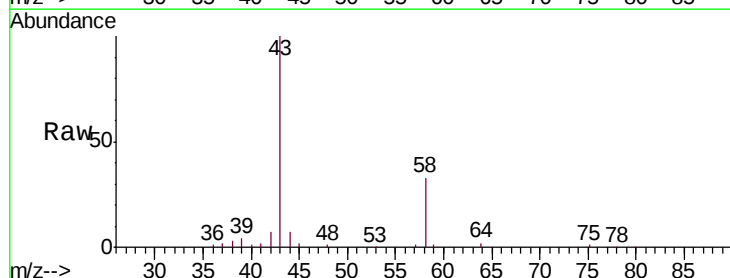
Acq: 30 Jul 2018 16:50

Tgt Ion: 43 Resp: 38113

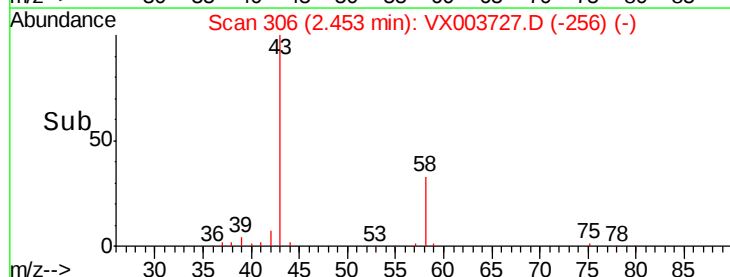
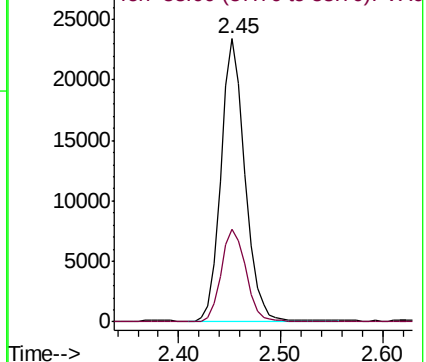
Ion Ratio Lower Upper

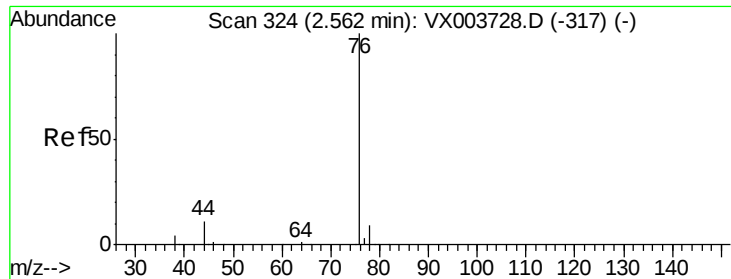
43 100

58 33.0 26.7 40.1



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

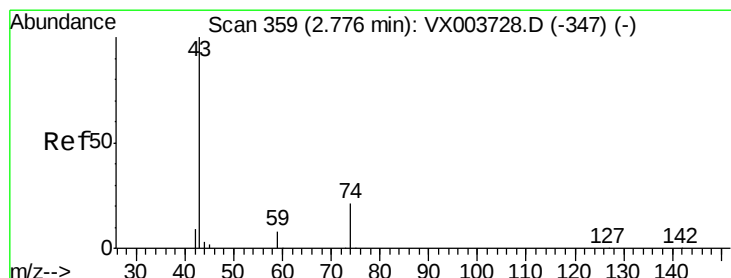
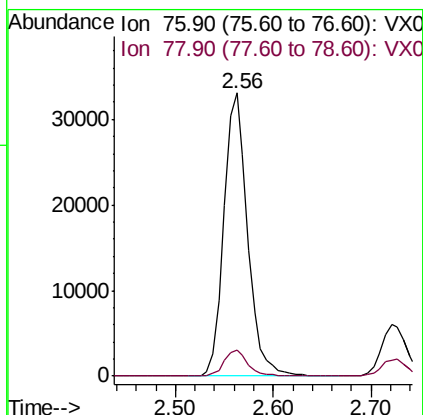
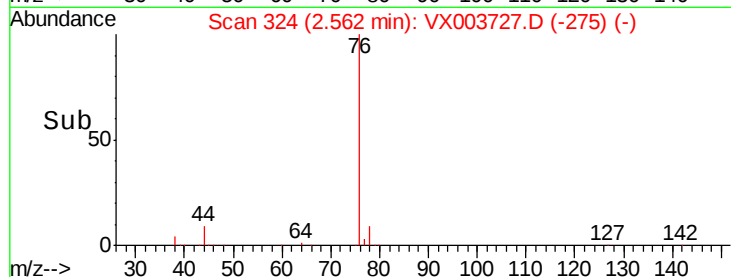
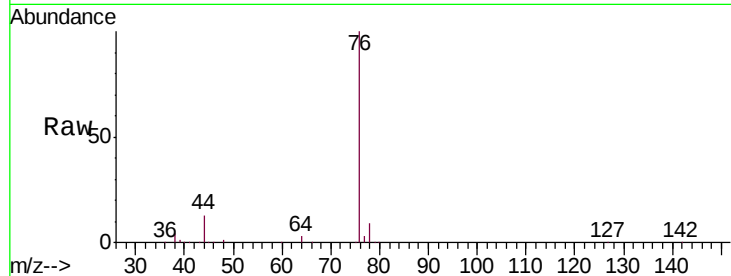




#17
Carbon Disulfide
Concen: 18.792 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

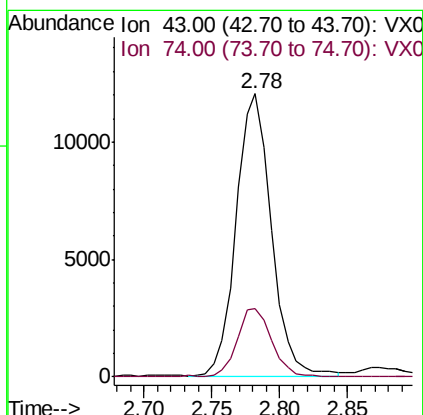
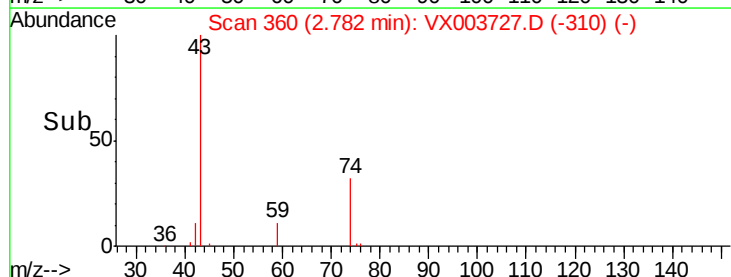
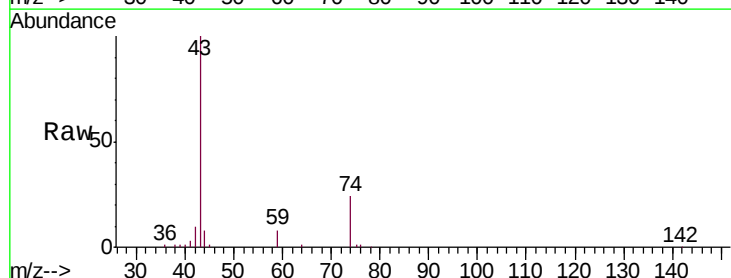
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

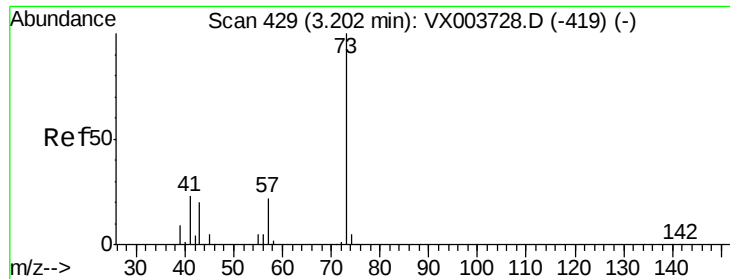
Tgt Ion: 76 Resp: 55626
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.851 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 43 Resp: 21935
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



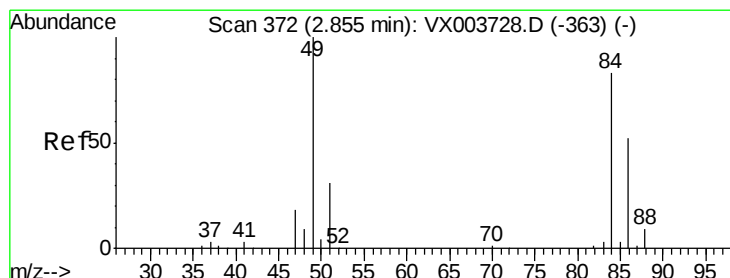
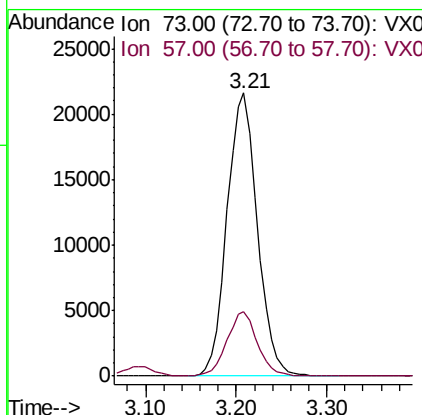
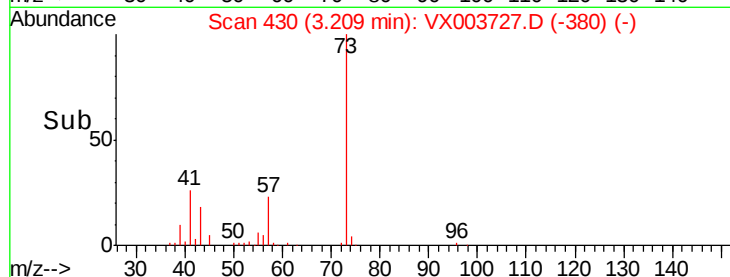
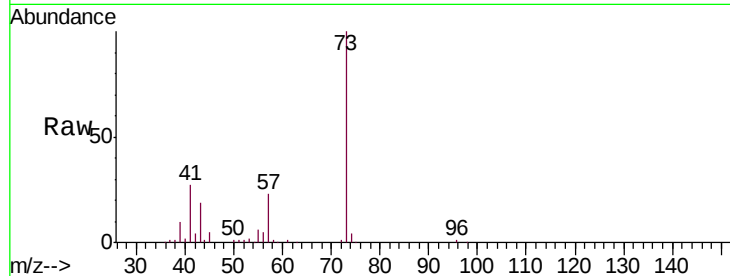


#19

Methyl tert-butyl Ether
 Concen: 20.274 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

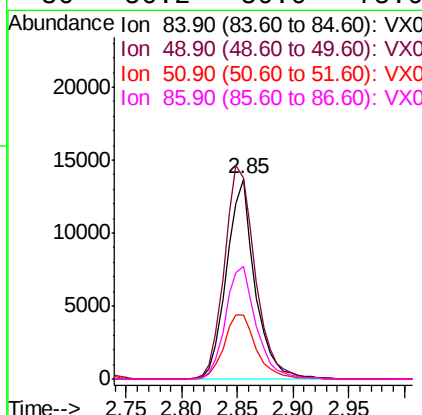
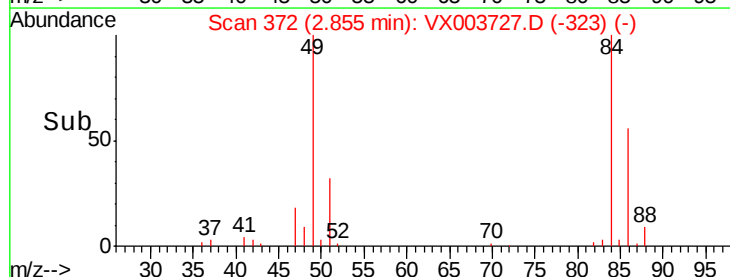
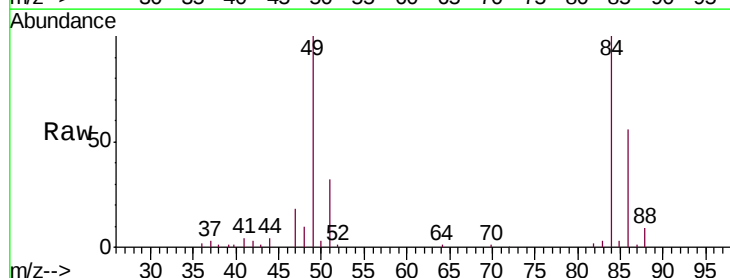
Tgt Ion: 73 Resp: 50206
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.0 27.0

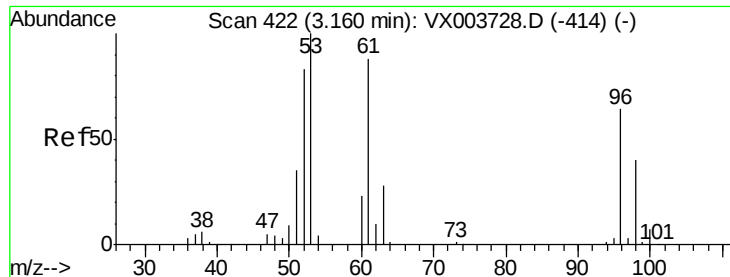


#20

Methylene Chloride
 Concen: 19.961 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 84 Resp: 24063
 Ion Ratio Lower Upper
 84 100
 49 100.3 95.8 143.8
 51 32.0 29.6 44.4
 86 56.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.924 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

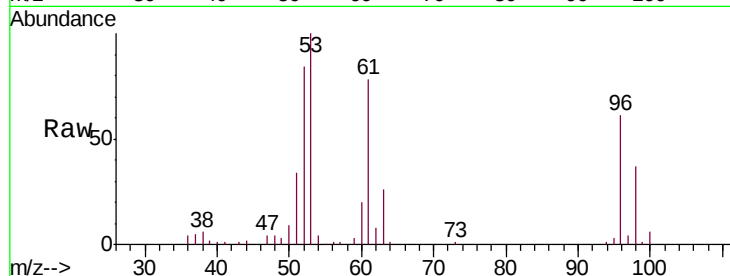
Tgt Ion: 96 Resp: 19861

Ion Ratio Lower Upper

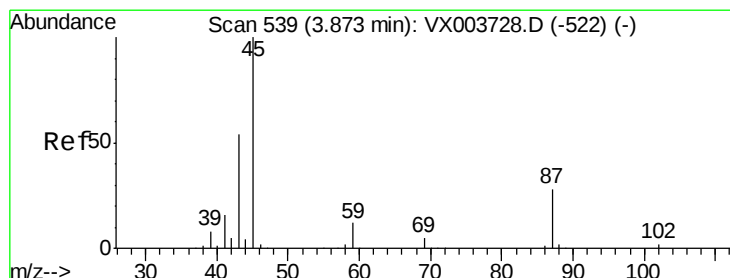
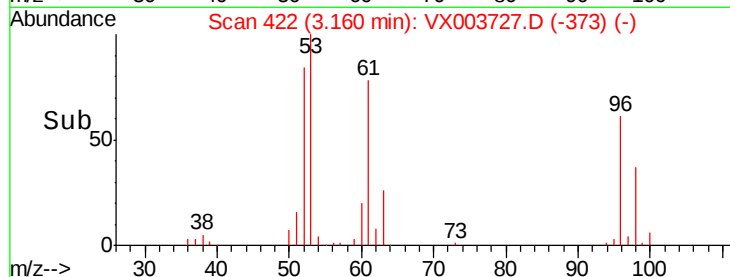
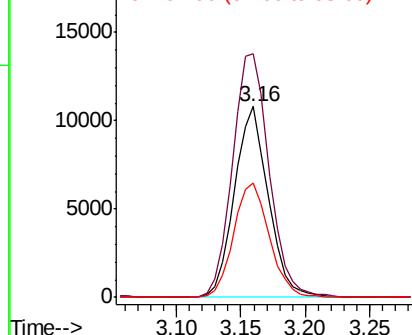
96 100

61 127.7 110.9 166.3

98 60.1 50.2 75.4



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



#22

Diisopropyl ether

Concen: 20.377 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Tgt Ion: 45 Resp: 59323

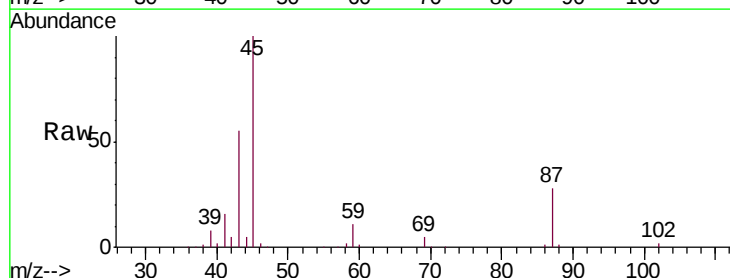
Ion Ratio Lower Upper

45 100

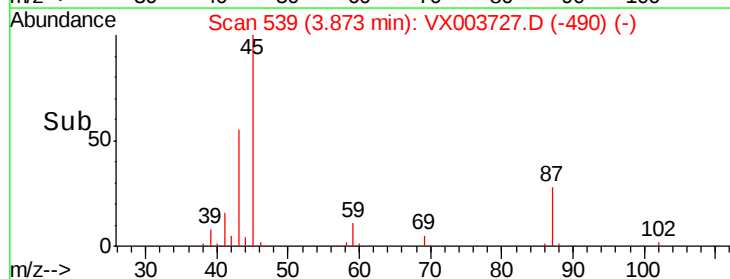
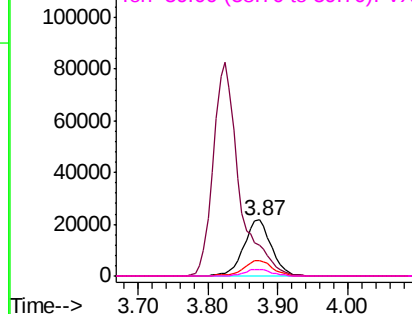
43 54.2 43.5 65.3

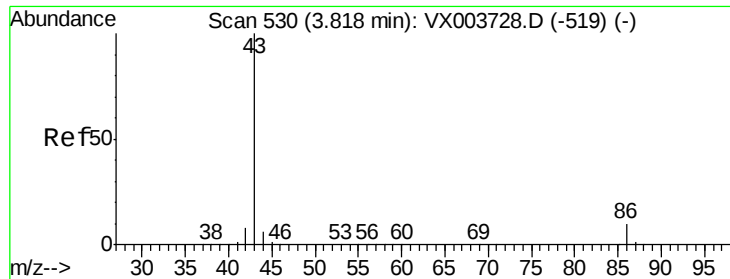
87 27.7 22.6 33.8

59 11.0 9.3 13.9



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: 101.426 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

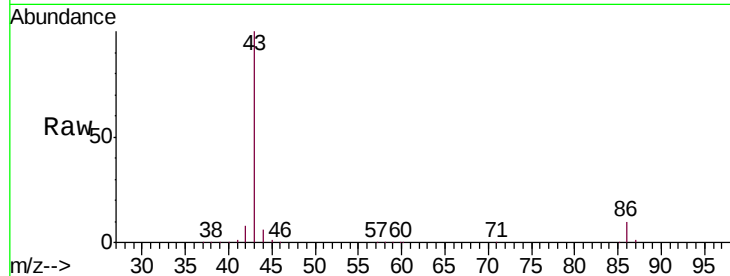
VSTDIC020

Tgt Ion: 43 Resp: 212965

Ion Ratio Lower Upper

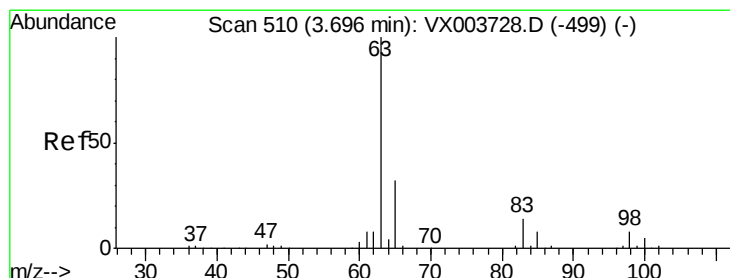
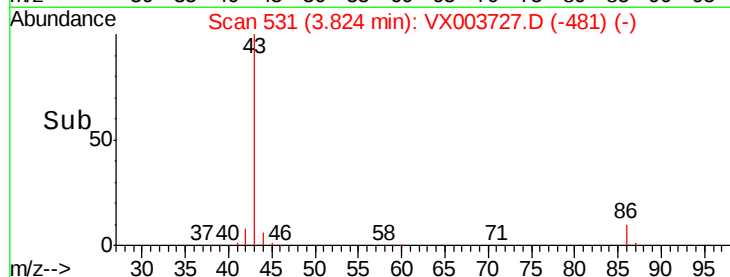
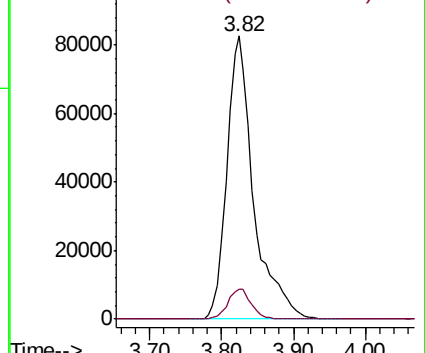
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.291 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

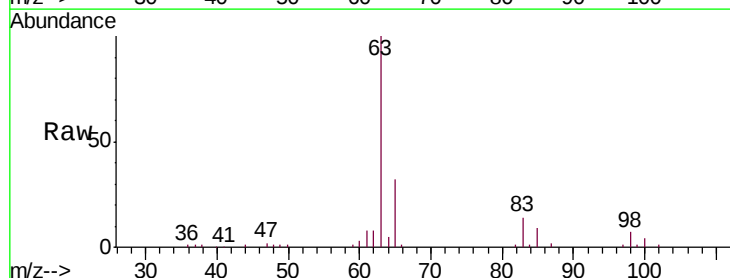
Tgt Ion: 63 Resp: 34450

Ion Ratio Lower Upper

63 100

98 6.7 4.0 12.0

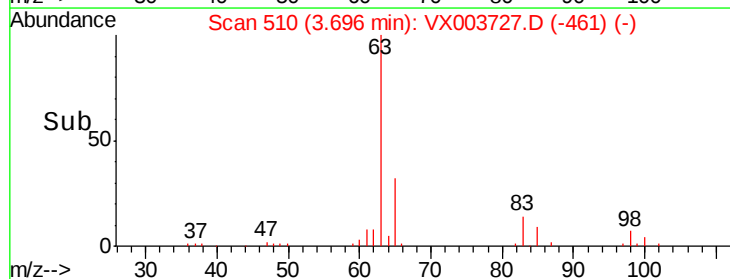
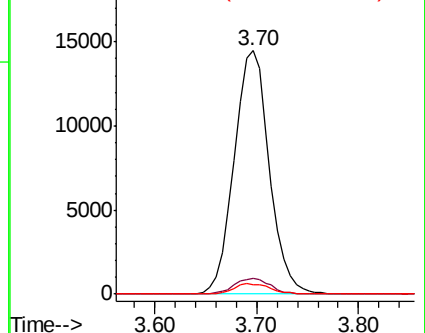
100 4.0 2.4 7.2

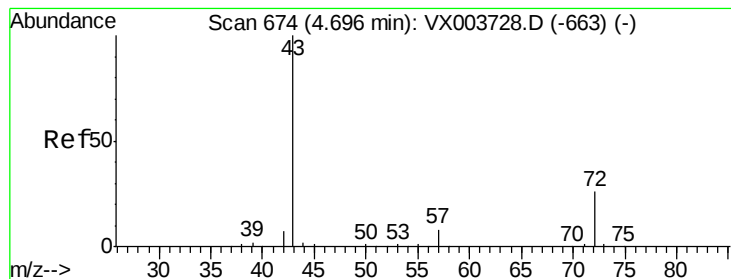


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.922 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

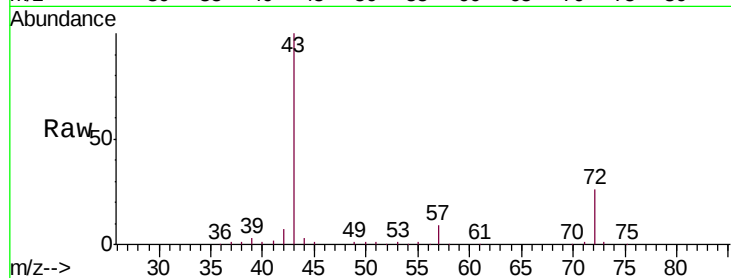
VSTDIC020

Tgt Ion: 43 Resp: 58422

Ion Ratio Lower Upper

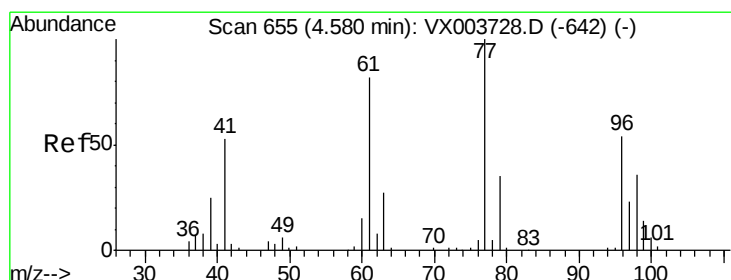
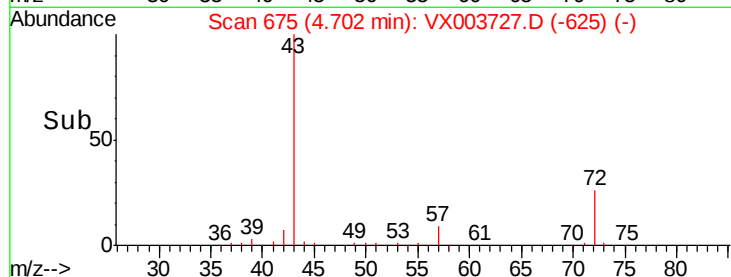
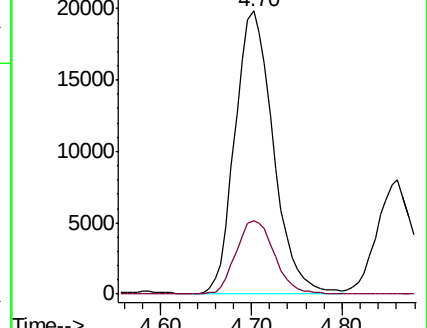
43 100

72 25.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.319 ug/l

RT: 4.57 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX003727.D

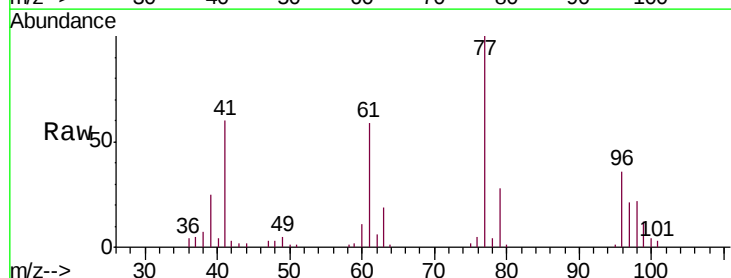
Acq: 30 Jul 2018 16:50

Tgt Ion: 77 Resp: 27170

Ion Ratio Lower Upper

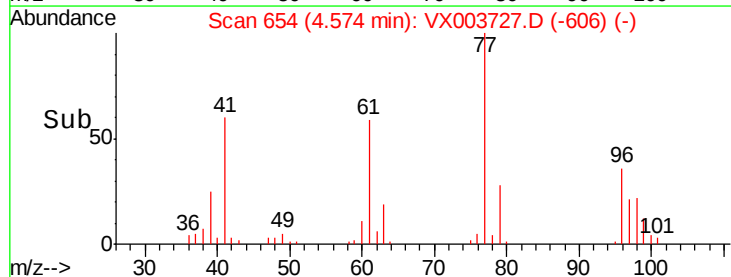
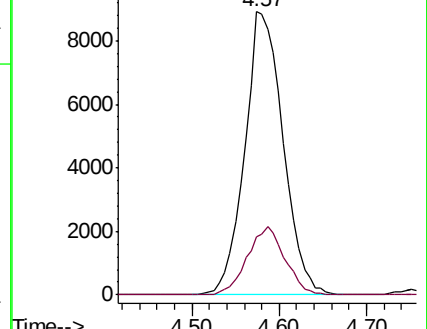
77 100

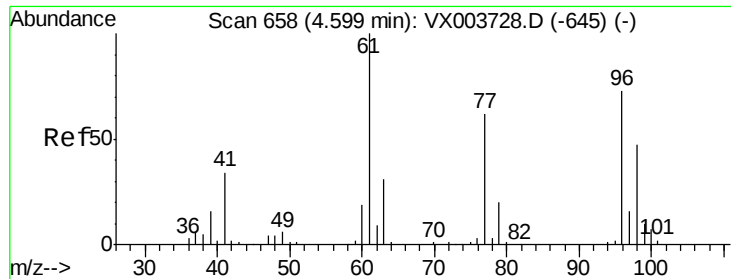
97 23.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



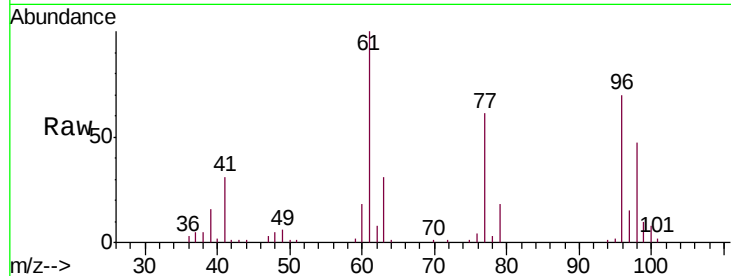


#27

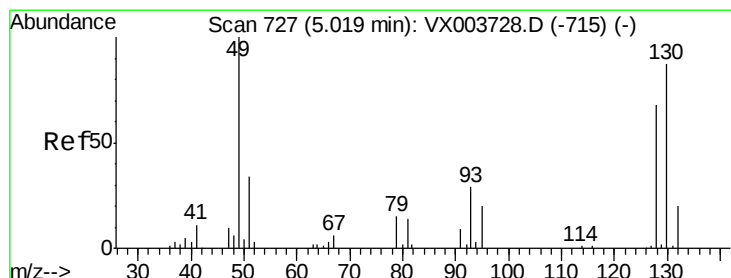
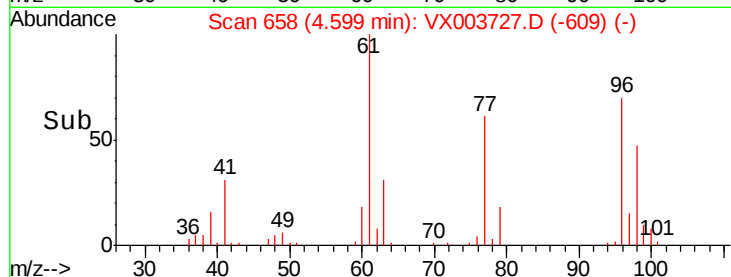
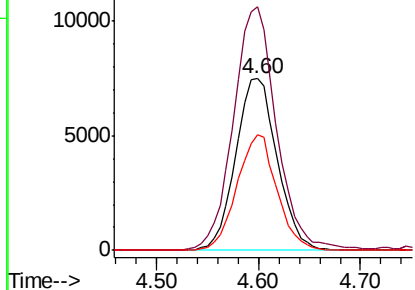
cis-1,2-Dichloroethene
 Concen: 19.744 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 21210
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 285.6
 98 64.4 0.0 131.0



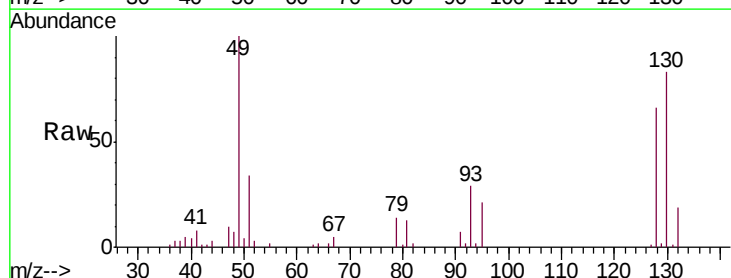
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



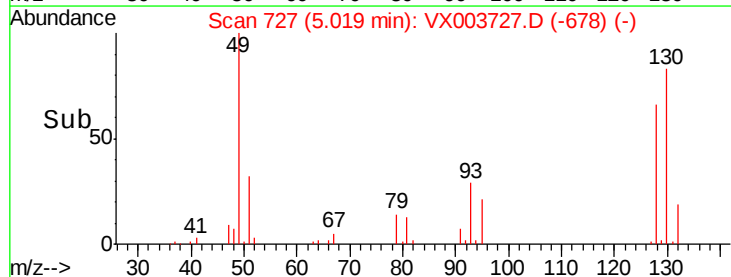
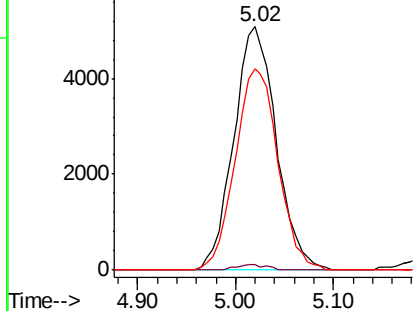
#28

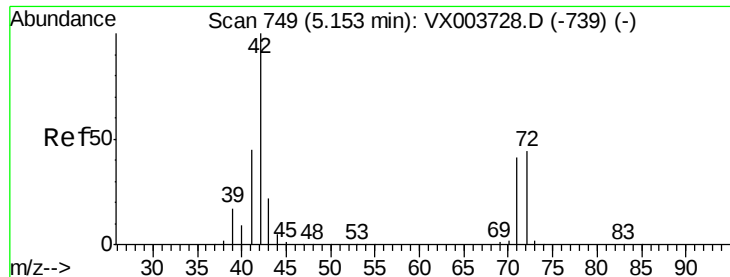
Bromochloromethane
 Concen: 20.093 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 49 Resp: 15302
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 83.4 68.9 103.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.140 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

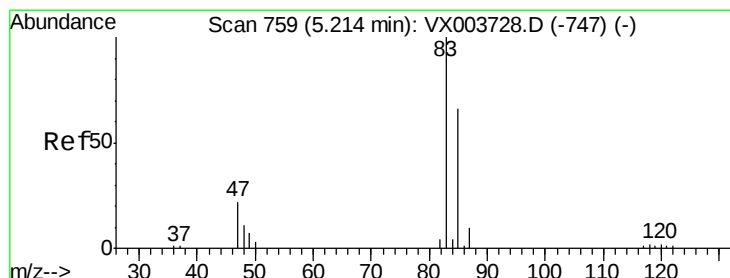
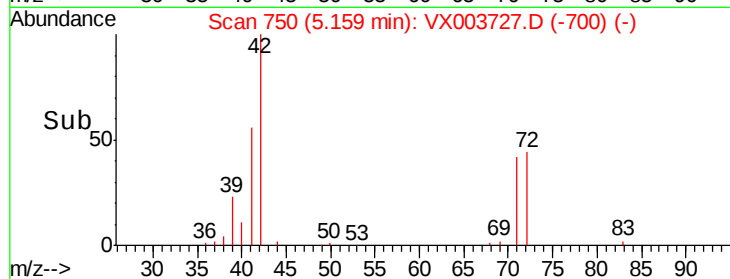
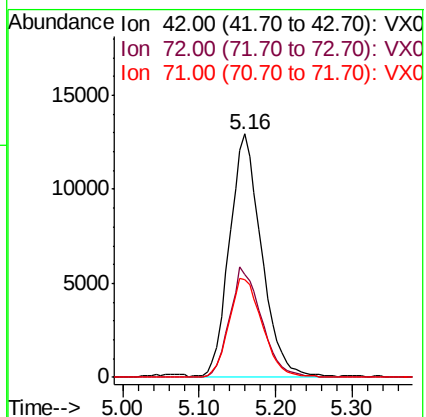
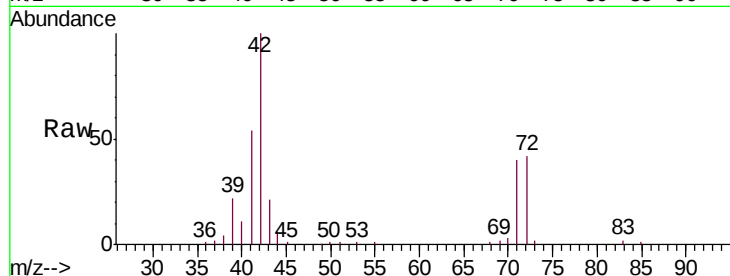
Tgt Ion: 42 Resp: 37676

Ion Ratio Lower Upper

42 100

72 44.7 35.6 53.4

71 41.9 33.4 50.0



#30

Chloroform

Concen: 20.090 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003727.D

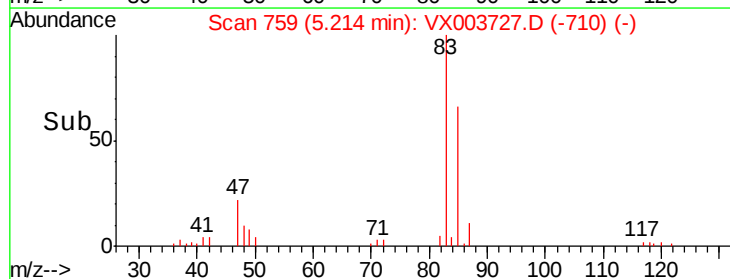
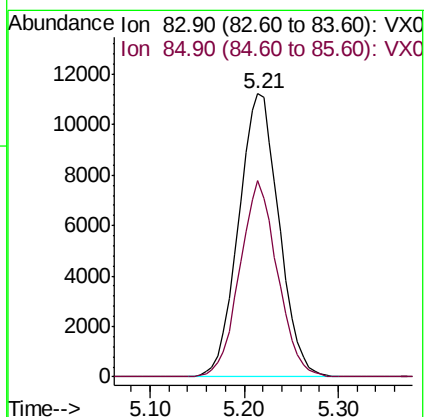
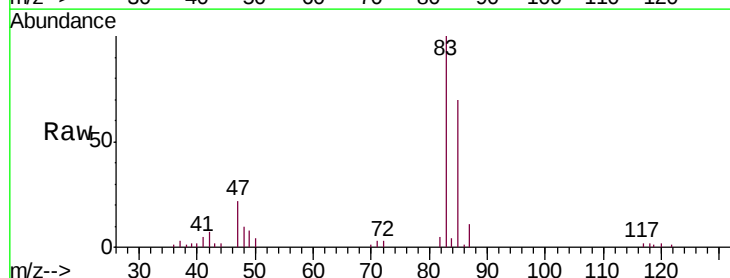
Acq: 30 Jul 2018 16:50

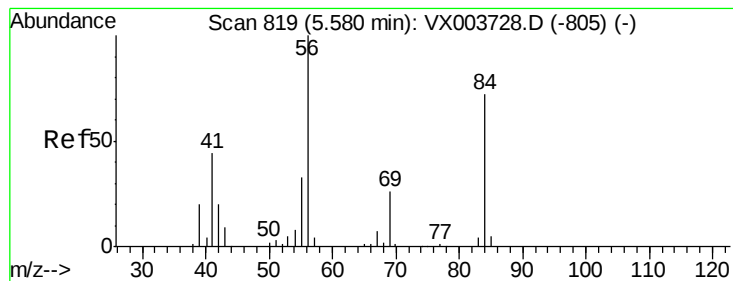
Tgt Ion: 83 Resp: 33611

Ion Ratio Lower Upper

83 100

85 69.5 52.8 79.2





#31

Cyclohexane

Concen: 19.536 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

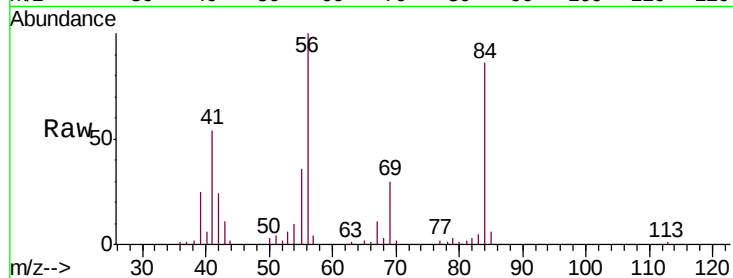
Tgt Ion: 56 Resp: 32039

Ion Ratio Lower Upper

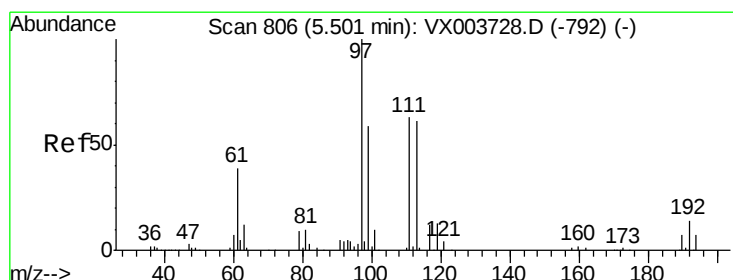
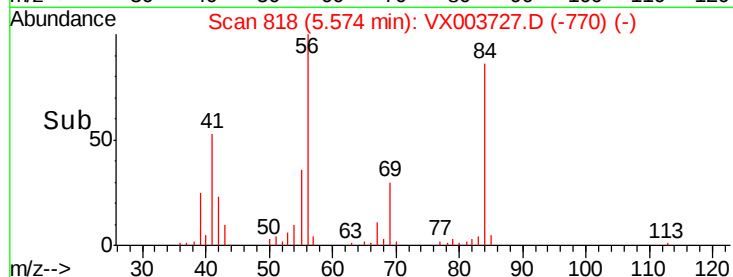
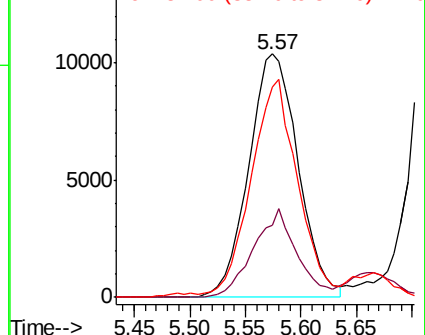
56 100

69 29.7 20.6 30.8

84 84.5 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.458 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

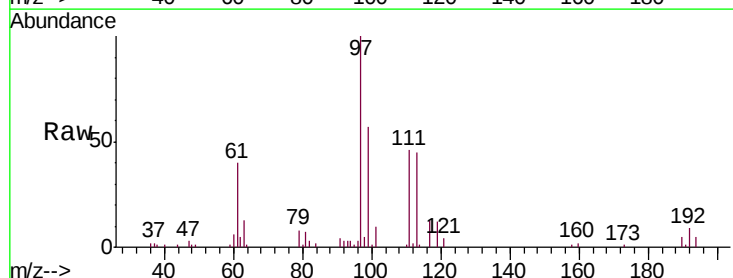
Tgt Ion: 97 Resp: 29416

Ion Ratio Lower Upper

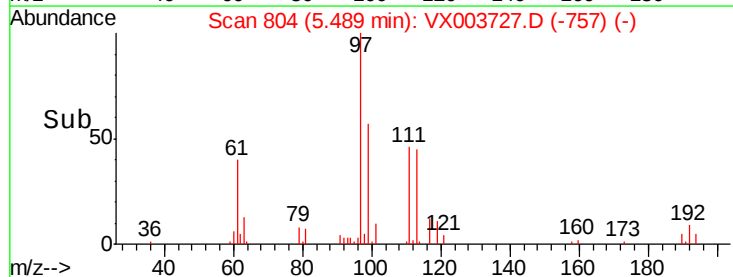
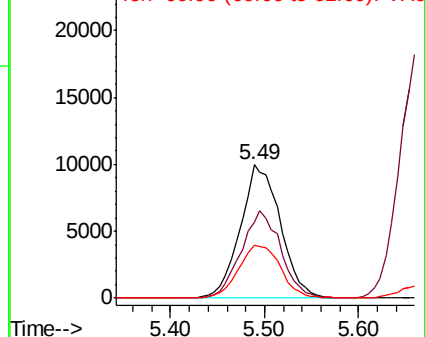
97 100

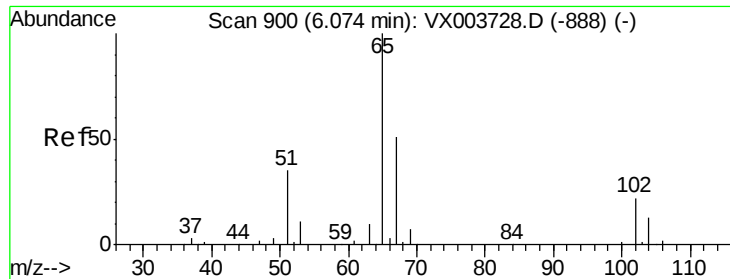
99 64.7 51.4 77.2

61 41.9 33.4 50.2



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

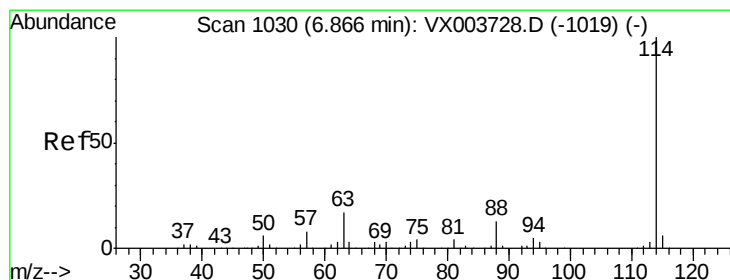
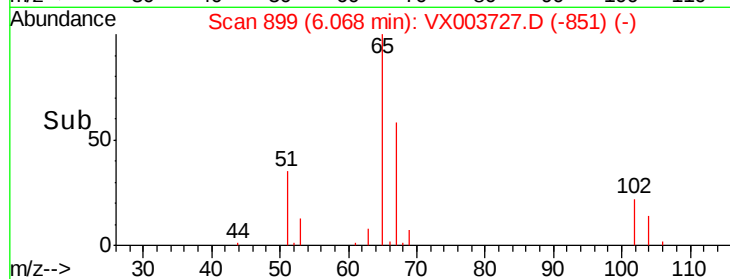
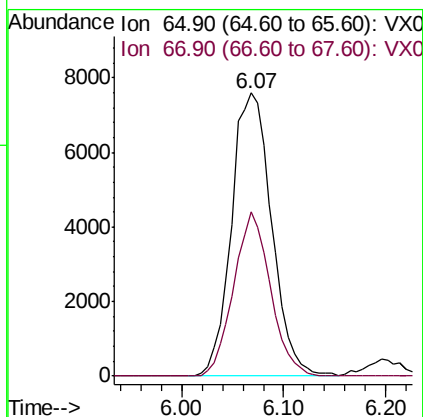
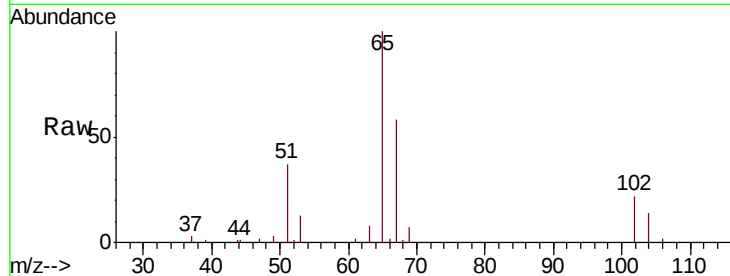




#33
 1,2-Dichloroethane-d4
 Concen: 20.065 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

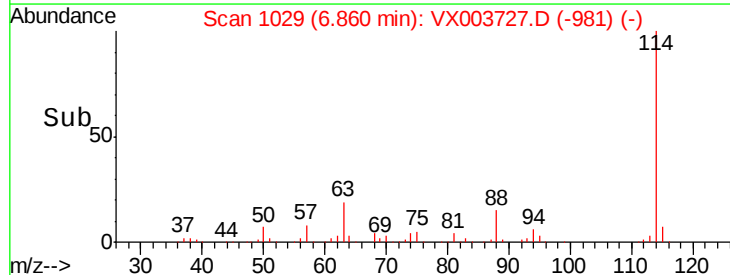
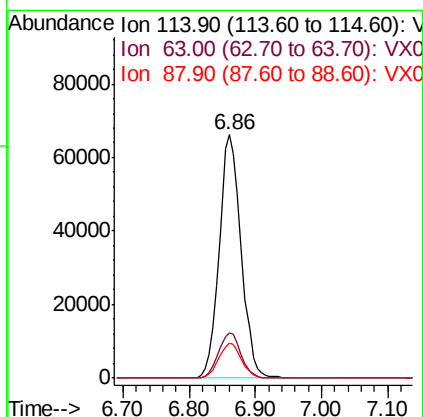
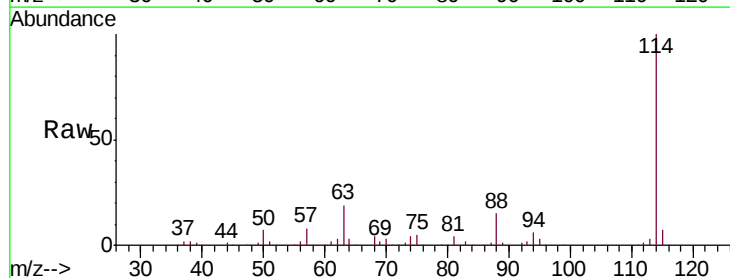
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

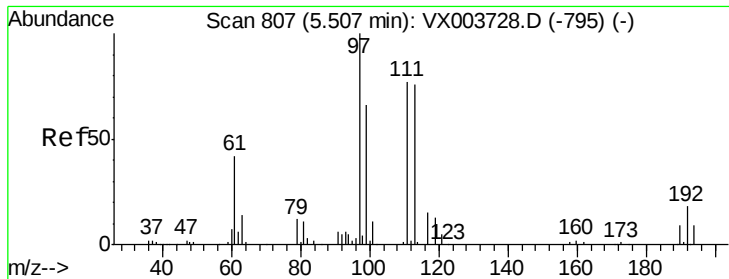
Tgt Ion: 65 Resp: 20655
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 114 Resp: 150611
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 14.6 0.0 26.4

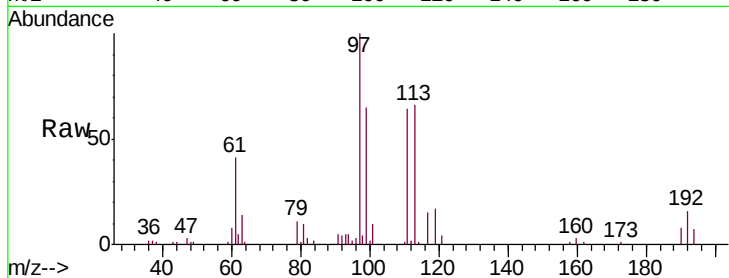




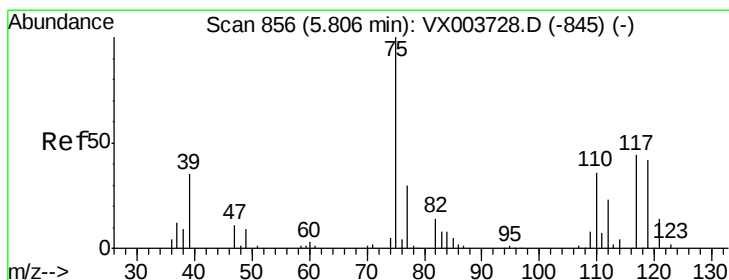
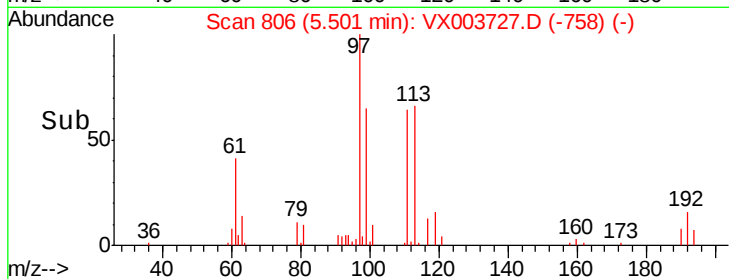
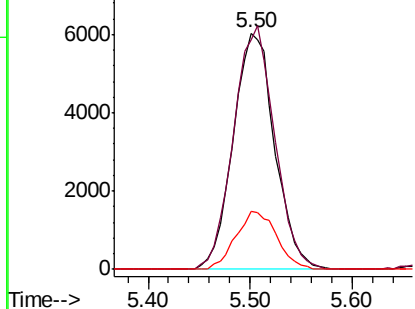
#35
 Dibromofluoromethane
 Concen: 19.255 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 113 Resp: 17076
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 24.1 18.8 28.2

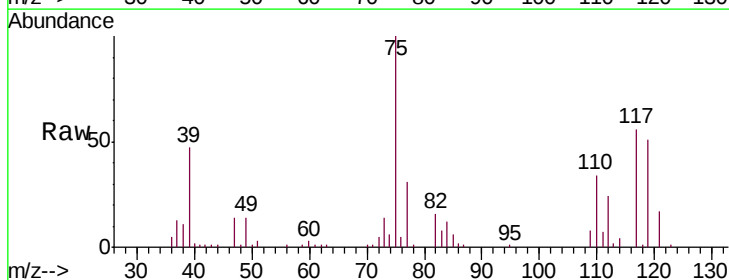


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

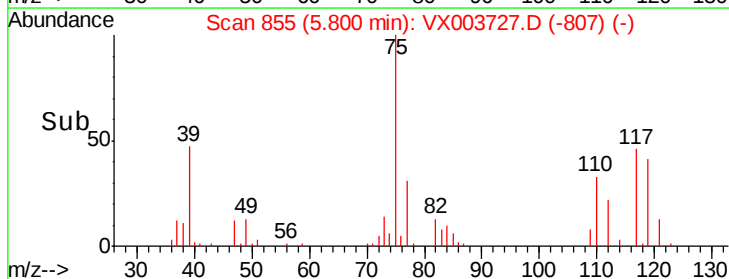
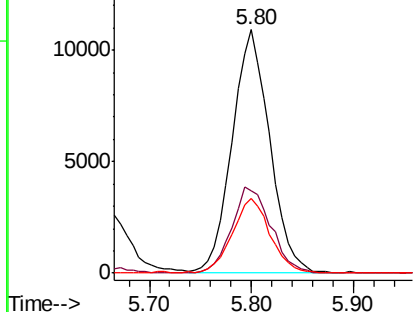


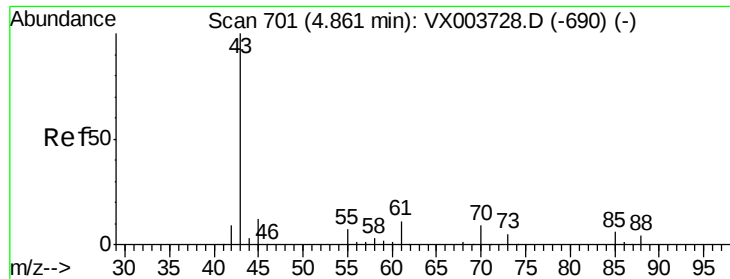
#36
 1,1-Dichloropropene
 Concen: 19.859 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 75 Resp: 28011
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.3 54.8
 77 30.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

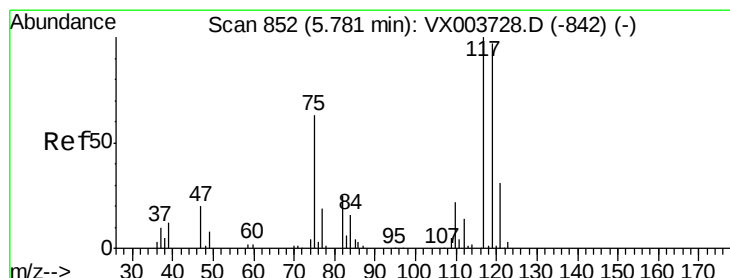
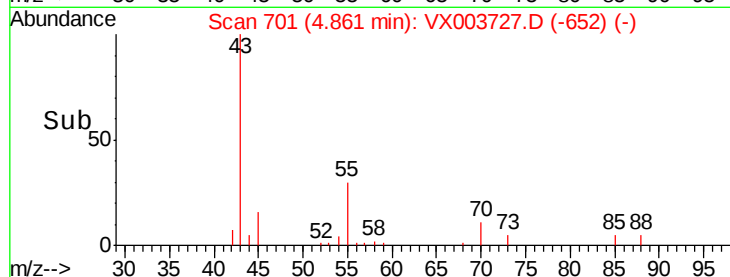
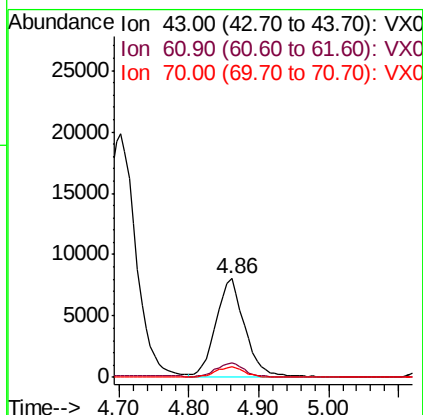
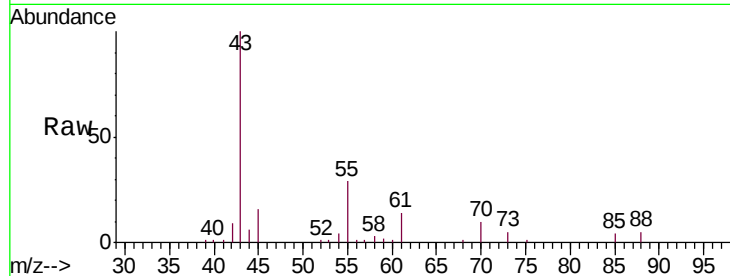




#37
Ethyl Acetate
Concen: 21.706 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

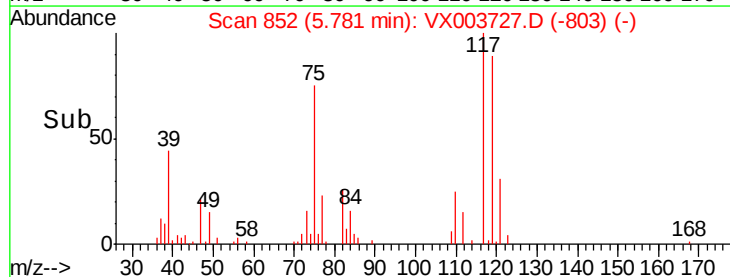
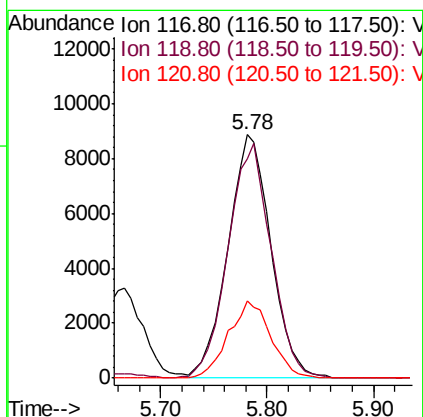
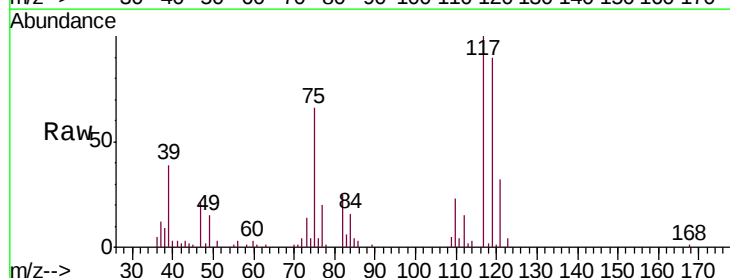
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

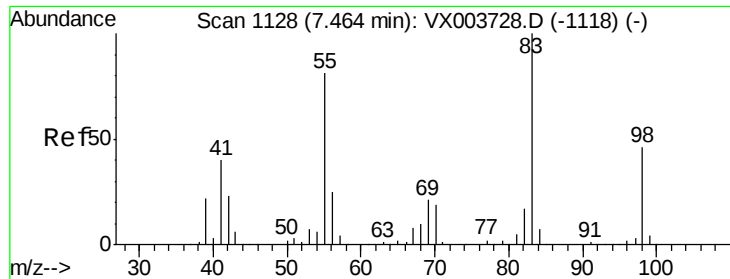
Tgt Ion: 43 Resp: 23518
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 117 Resp: 25061
Ion Ratio Lower Upper
117 100
119 90.2 77.2 115.8
121 31.8 25.0 37.4

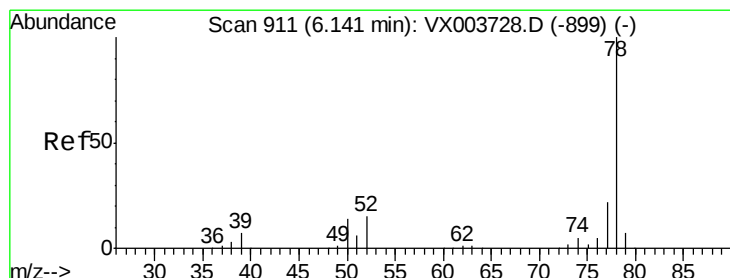
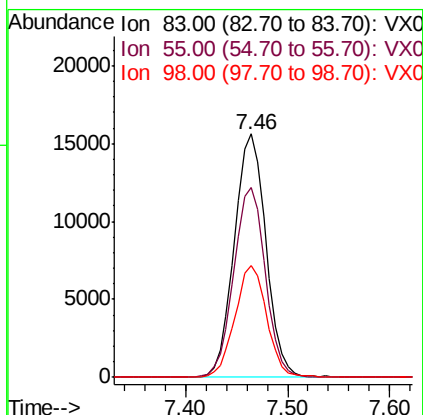
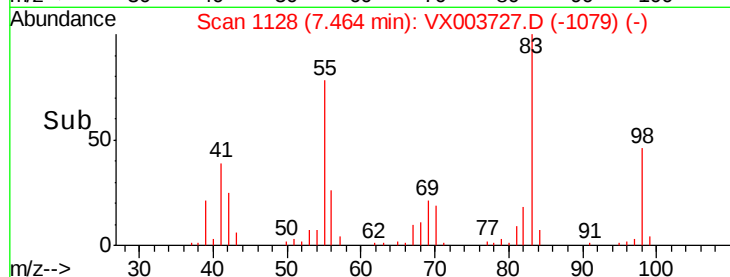
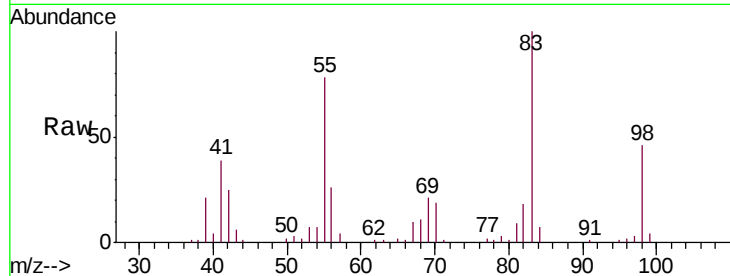




#39
Methylcyclohexane
Concen: 19.451 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

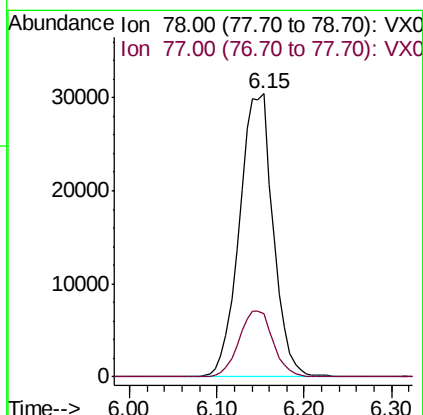
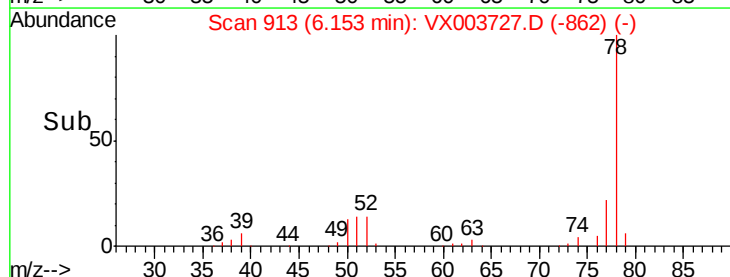
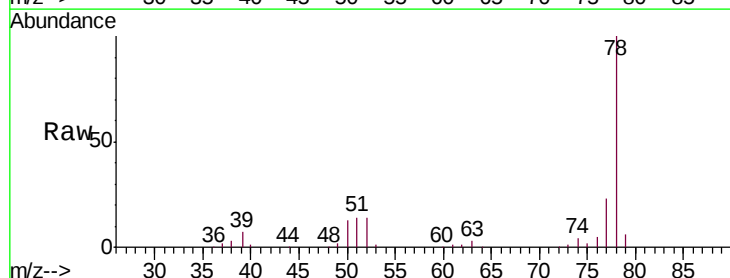
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

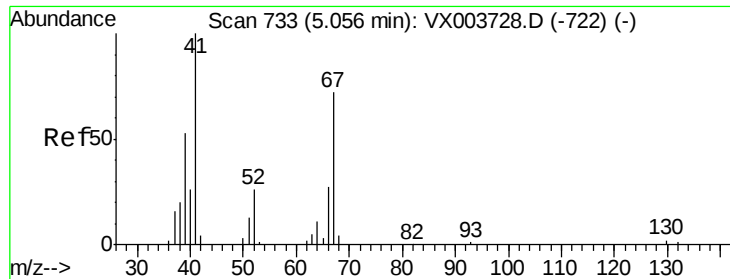
Tgt Ion: 83 Resp: 33683
Ion Ratio Lower Upper
83 100
55 77.9 65.0 97.6
98 46.0 37.1 55.7



#40
Benzene
Concen: 20.153 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 78 Resp: 81459
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9

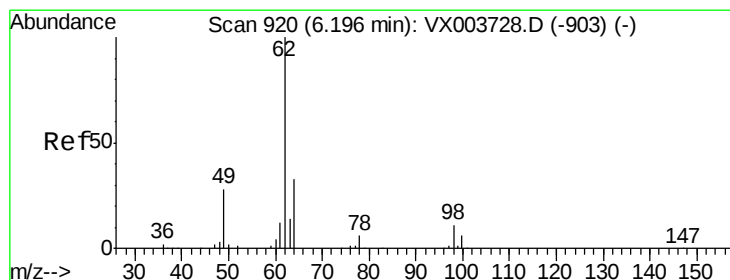
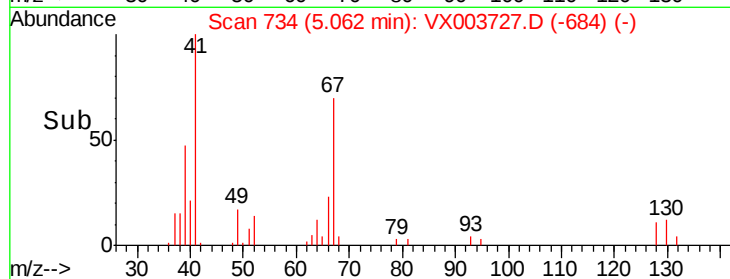
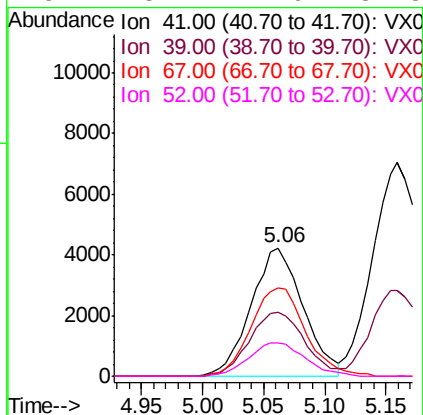
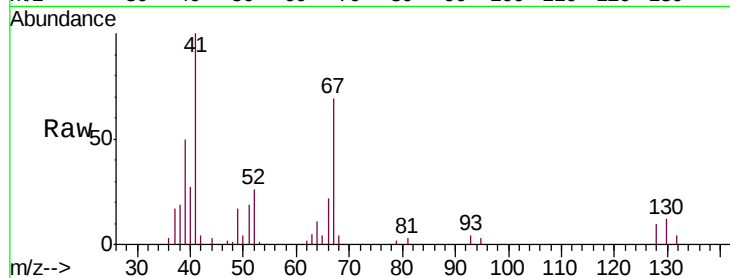




#41
Methacrylonitrile
Concen: 20.504 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

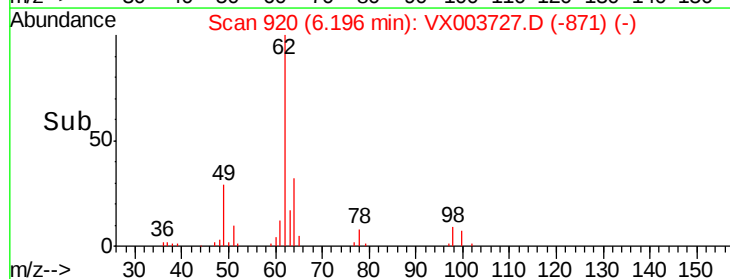
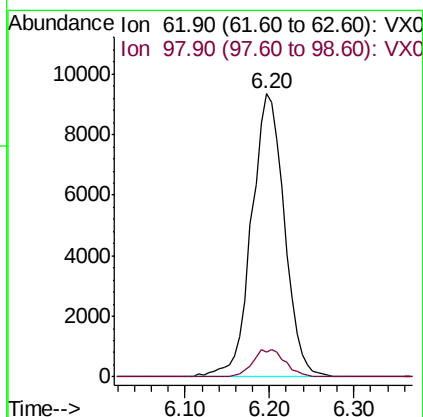
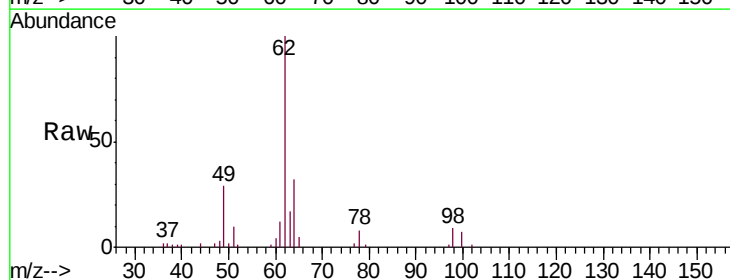
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

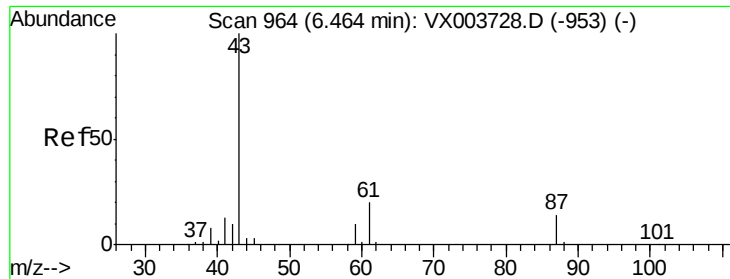
Tgt Ion:	41	Resp:	12522
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.6	64.0
67	71.9	58.9	88.3
52	28.7	22.9	34.3



#42
1,2-Dichloroethane
Concen: 20.415 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion:	62	Resp:	24923
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4

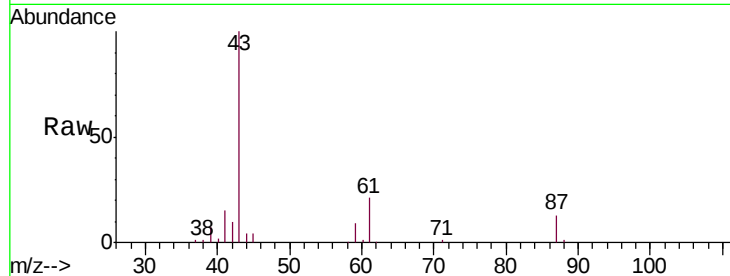




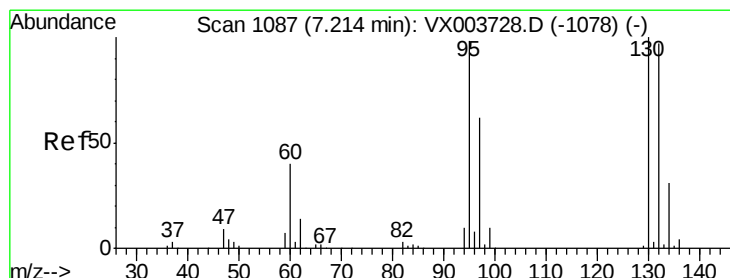
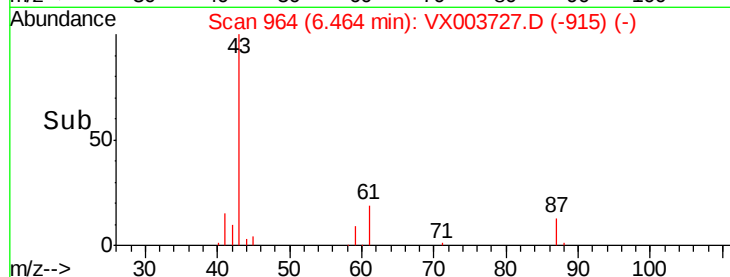
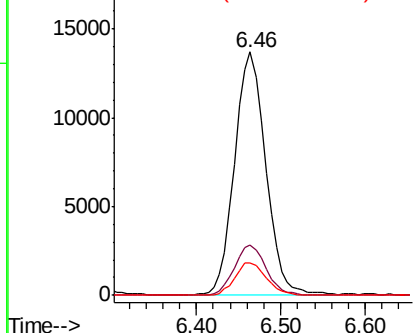
#43
Isopropyl Acetate
Concen: 19.997 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 34521
Ion Ratio Lower Upper
43 100
61 20.7 16.5 24.7
87 13.3 10.7 16.1

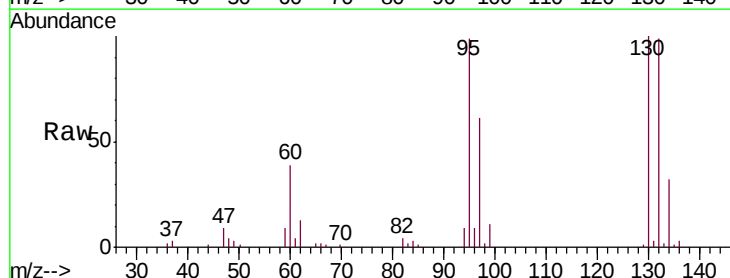


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

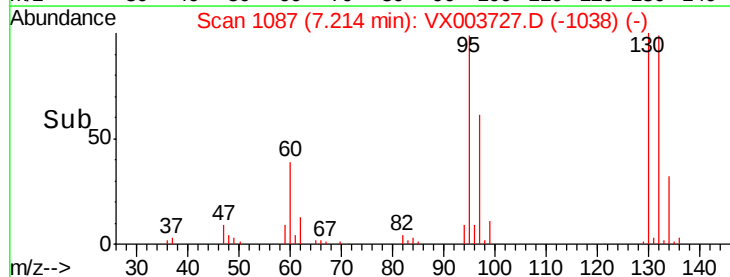
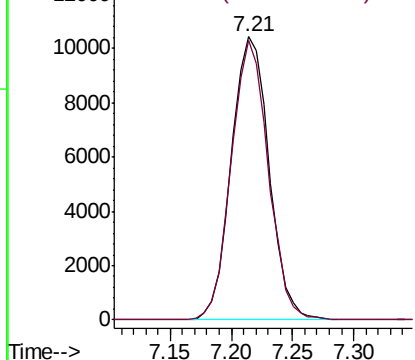


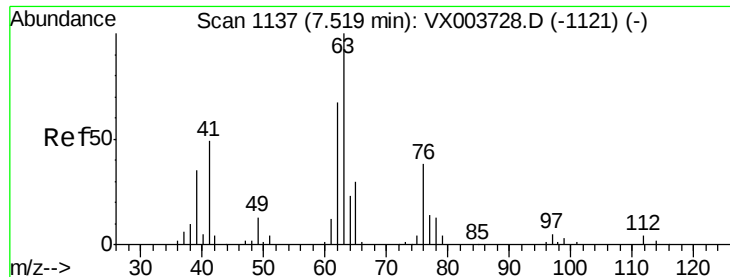
#44
Trichloroethene
Concen: 19.378 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 130 Resp: 22344
Ion Ratio Lower Upper
130 100
95 98.7 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.357 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

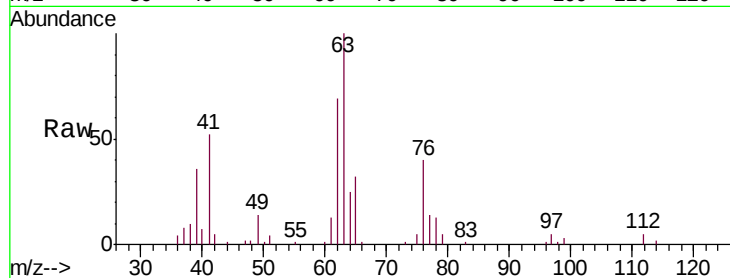
VSTDIC020

Tgt Ion: 63 Resp: 20234

Ion Ratio Lower Upper

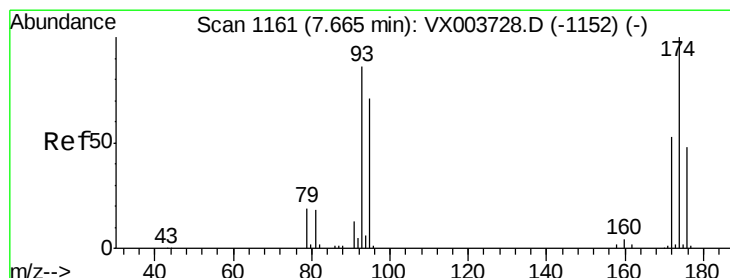
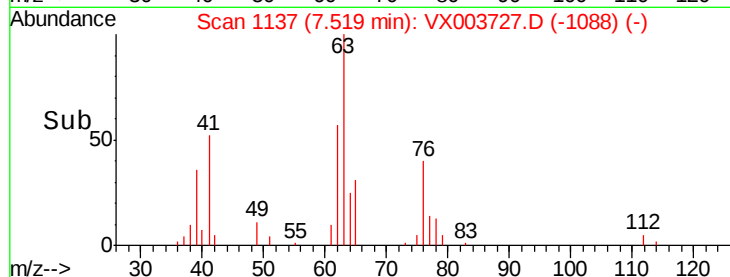
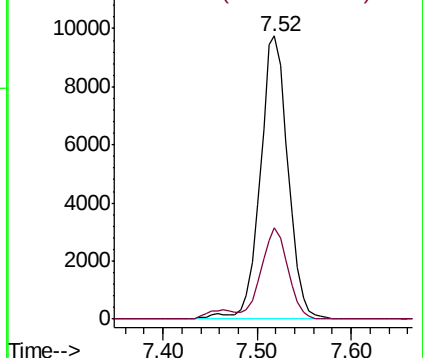
63 100

65 32.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.157 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

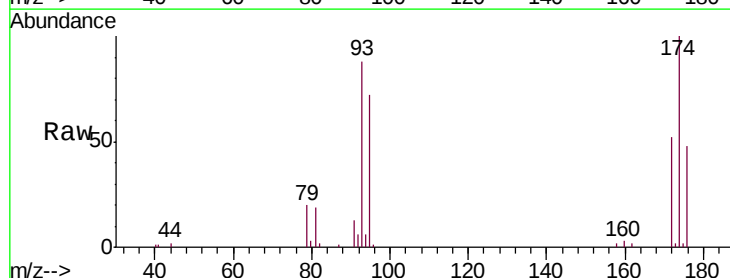
Tgt Ion: 93 Resp: 11546

Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

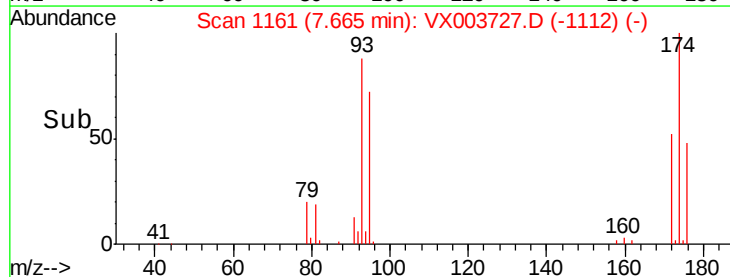
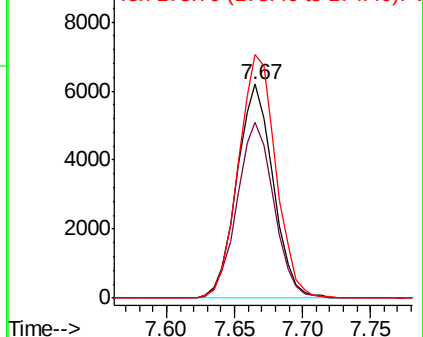
174 117.4 96.2 144.4

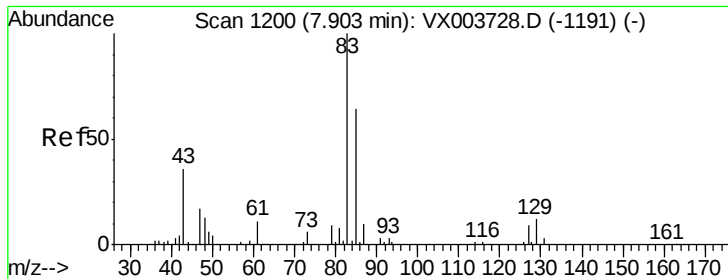


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.810 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

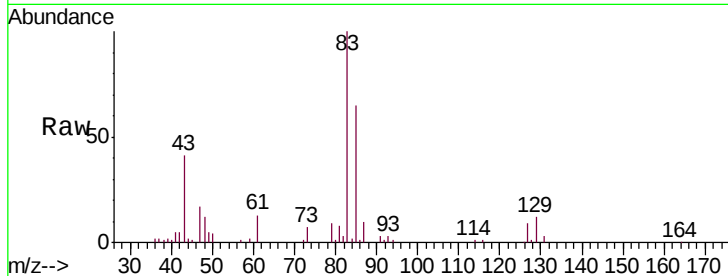
Tgt Ion: 83 Resp: 22613

Ion Ratio Lower Upper

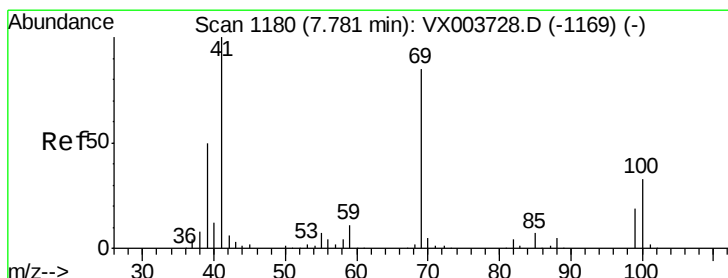
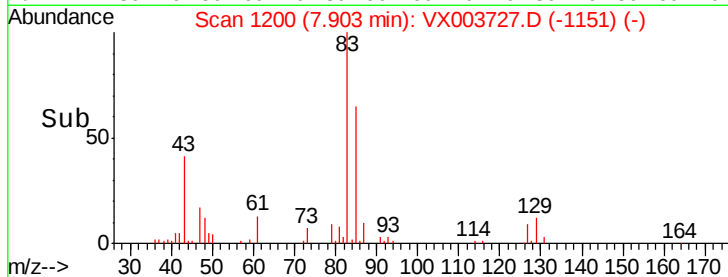
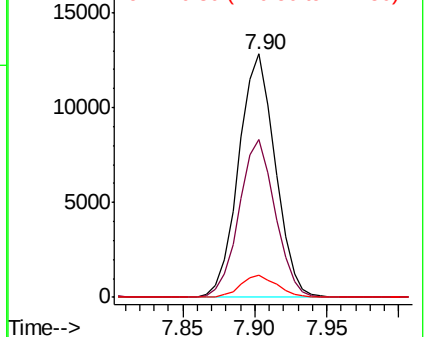
83 100

85 64.7 51.1 76.7

127 9.2 7.1 10.7



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: 20.471 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

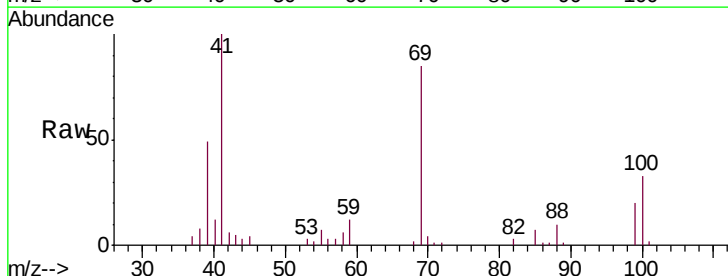
Tgt Ion: 41 Resp: 17726

Ion Ratio Lower Upper

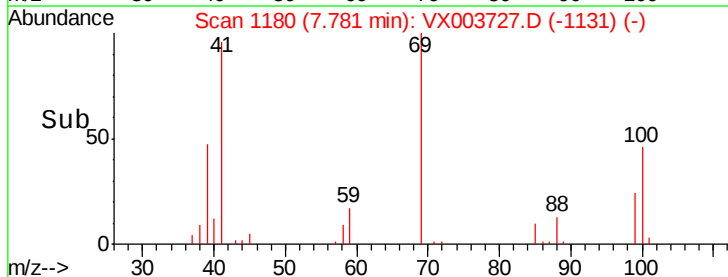
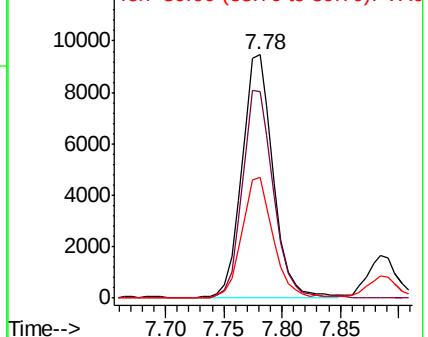
41 100

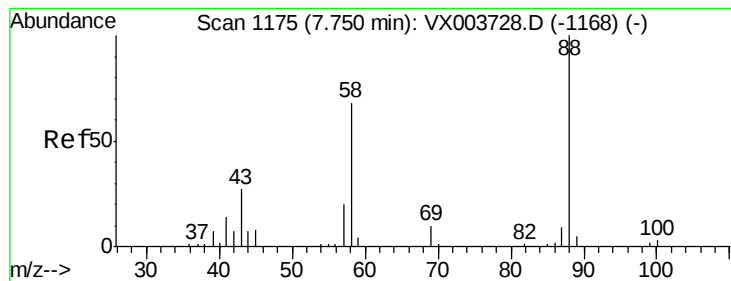
69 84.6 68.7 103.1

39 49.6 40.8 61.2



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: 408.425 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

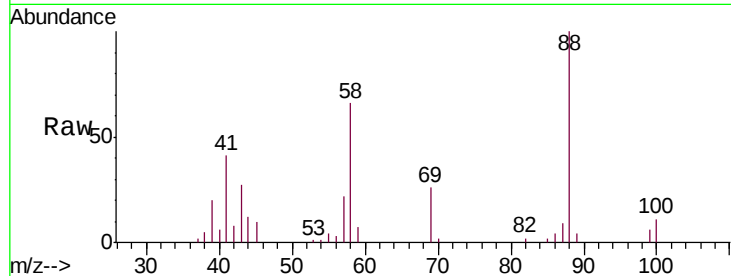
Tgt Ion: 88 Resp: 7138

Ion Ratio Lower Upper

88 100

43 33.5 26.0 39.0

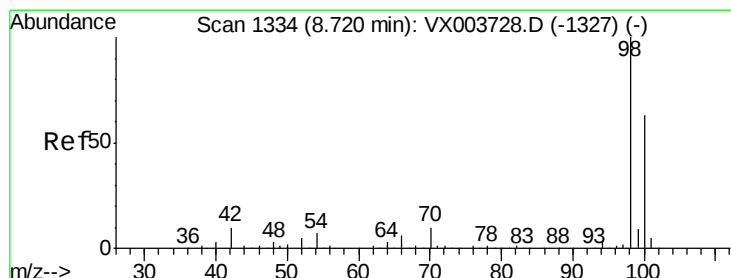
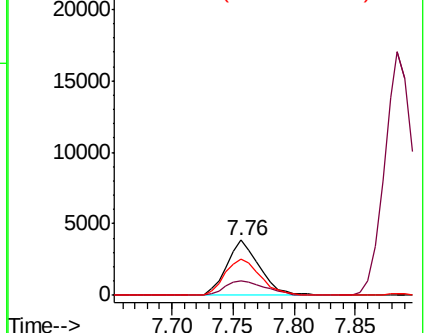
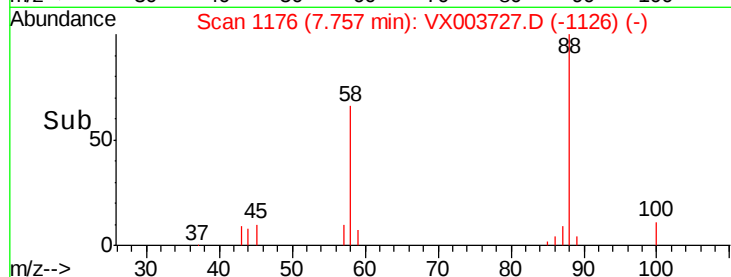
58 71.3 57.1 85.7



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: 19.435 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003727.D

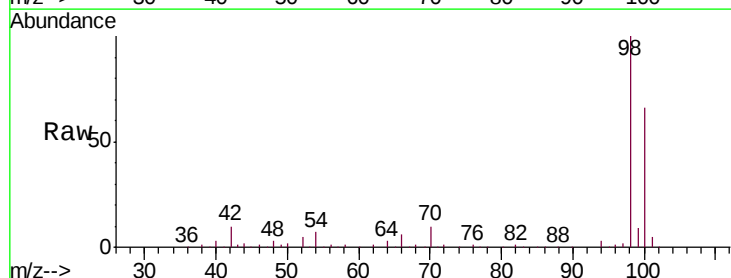
Acq: 30 Jul 2018 16:50

Tgt Ion: 98 Resp: 71860

Ion Ratio Lower Upper

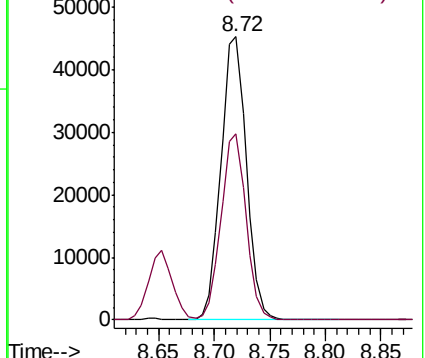
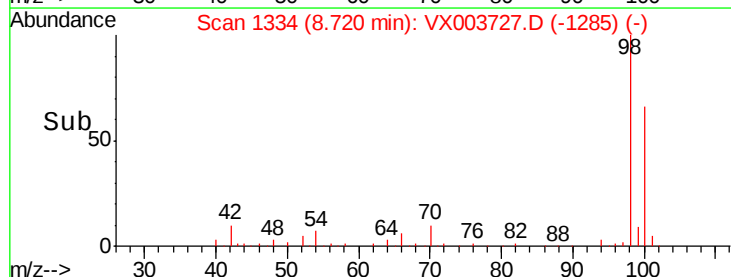
98 100

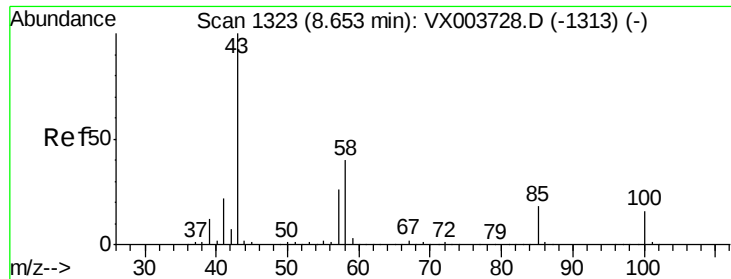
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 105.408 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

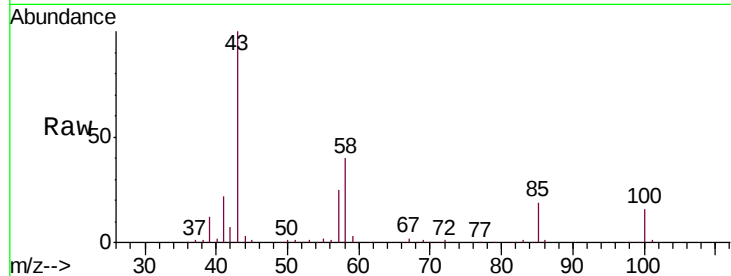
VSTDIC020

Tgt Ion: 43 Resp: 111829

Ion Ratio Lower Upper

43 100

58 39.5 32.1 48.1



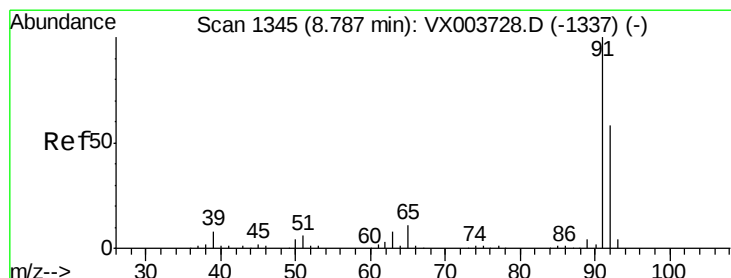
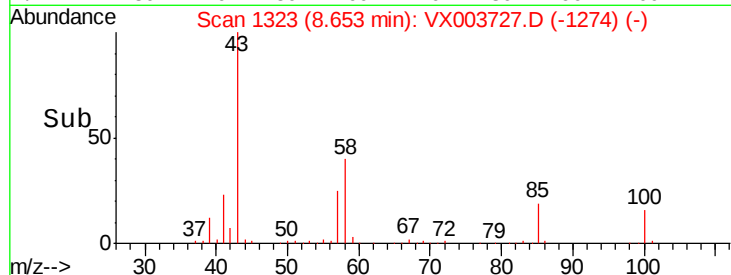
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.119 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003727.D

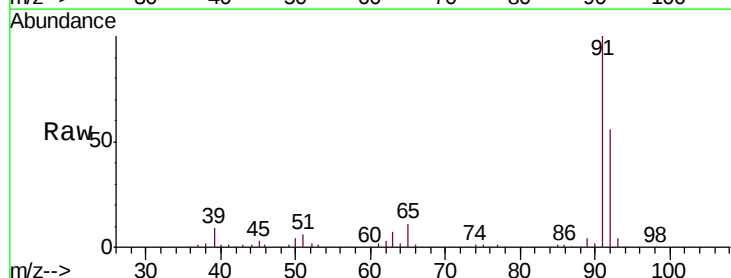
Acq: 30 Jul 2018 16:50

Tgt Ion: 92 Resp: 50727

Ion Ratio Lower Upper

92 100

91 176.4 139.4 209.2



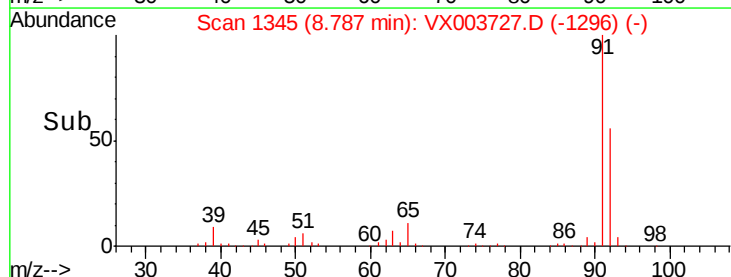
Abundance Ion 92.00 (91.70 to 92.70): VX0

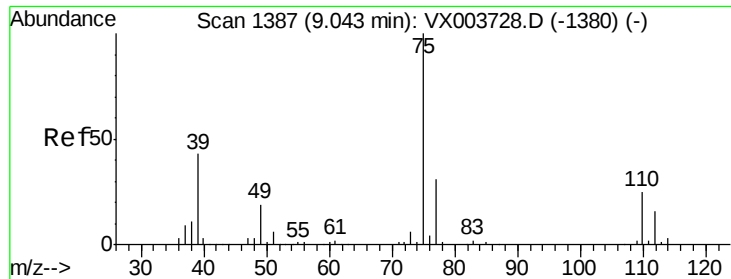
Ion 91.00 (90.70 to 91.70): VX0

8.79

8.70 8.80 8.90

Time-->

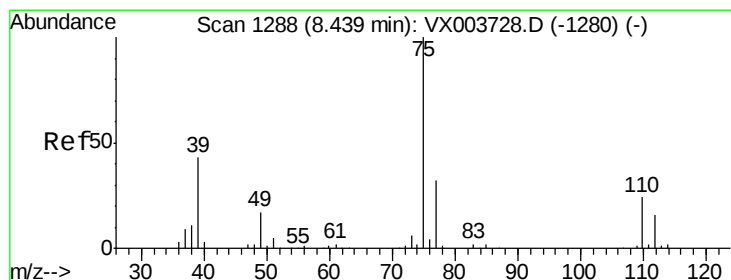
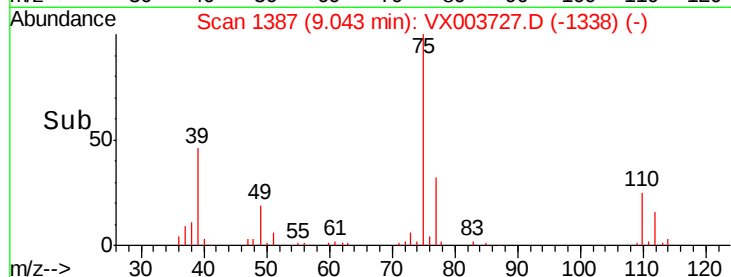
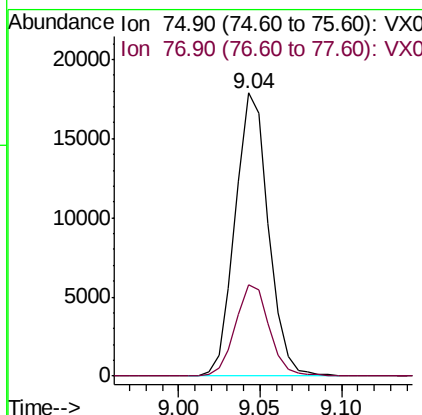
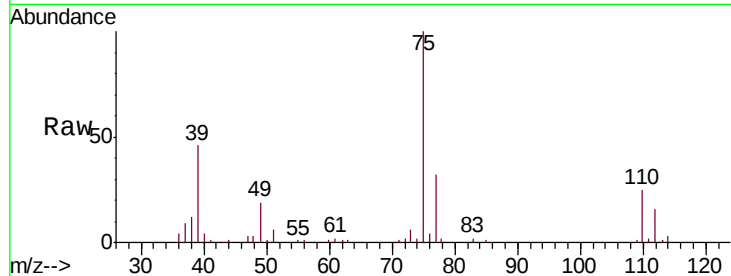




#53
 t-1,3-Dichloropropene
 Concen: 19.530 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

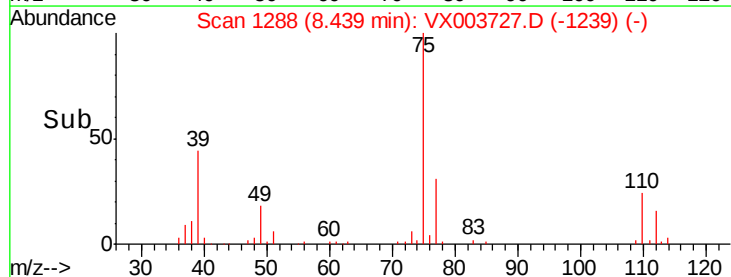
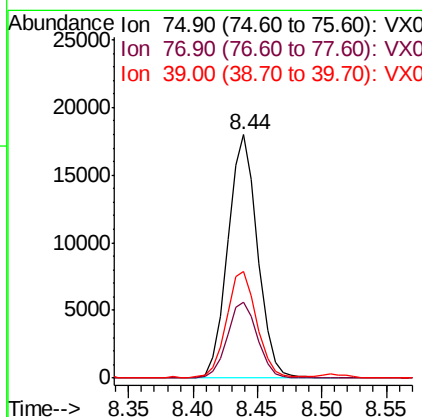
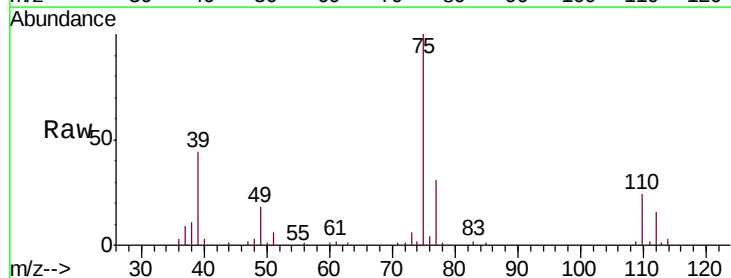
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

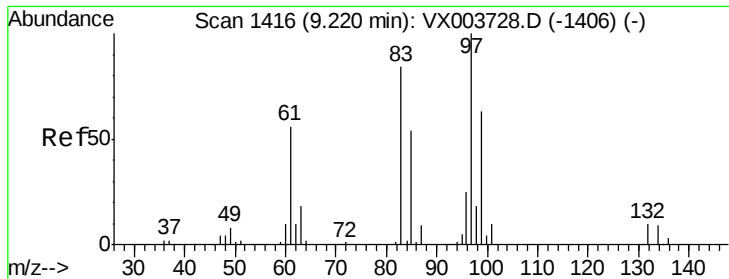
Tgt Ion: 75 Resp: 25461
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.922 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 75 Resp: 28950
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 43.3 34.1 51.1

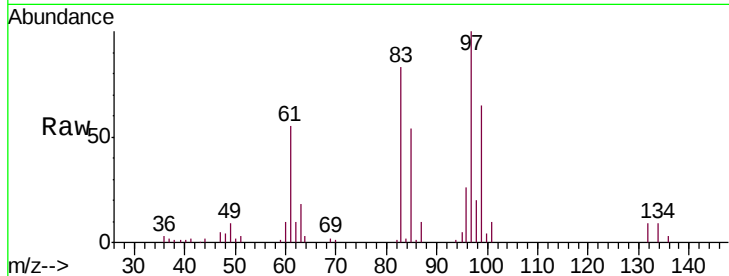




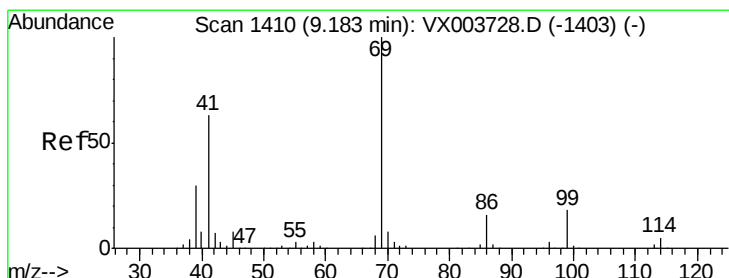
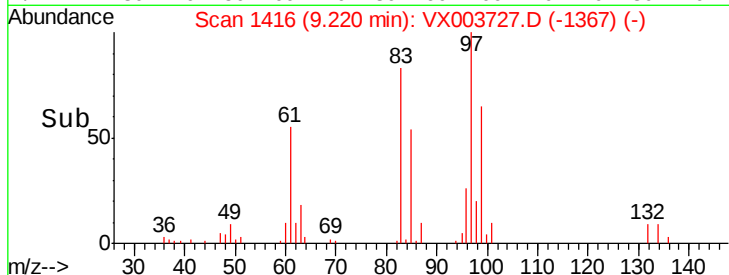
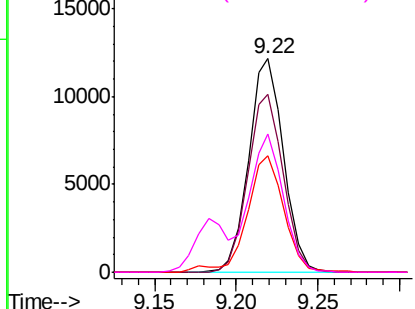
#55
 1,1,2-Trichloroethane
 Concen: 20.761 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 18015
 Ion Ratio Lower Upper
 97 100
 83 83.5 67.4 101.0
 85 53.9 43.3 64.9
 99 64.7 50.8 76.2

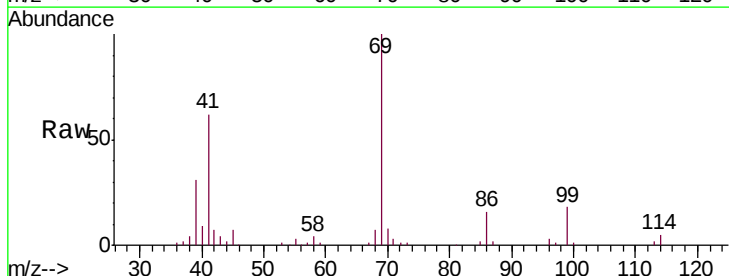


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

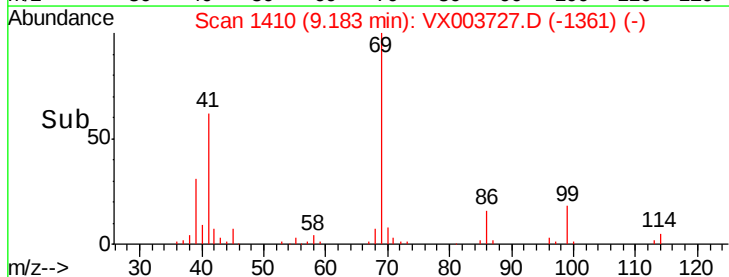
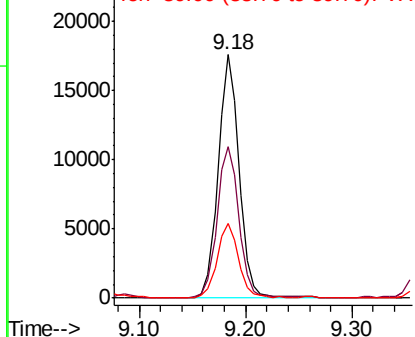


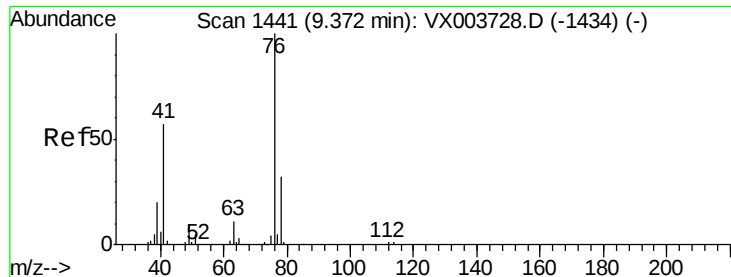
#56
 Ethyl methacrylate
 Concen: 20.169 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 69 Resp: 24040
 Ion Ratio Lower Upper
 69 100
 41 65.0 51.6 77.4
 39 31.7 25.1 37.7



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: 20.418 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

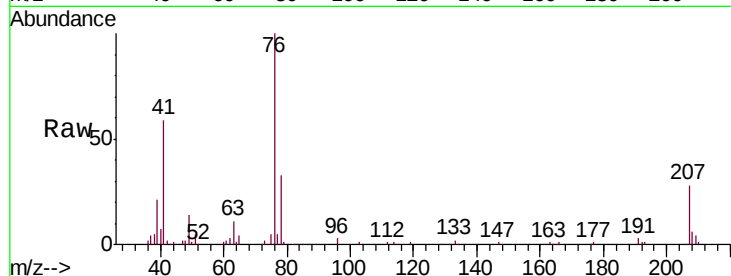
VSTDIC020

Tgt Ion: 76 Resp: 29742

Ion Ratio Lower Upper

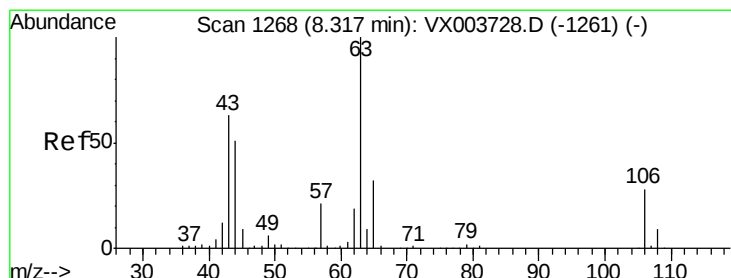
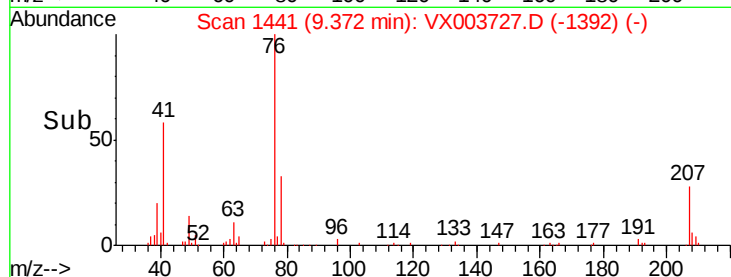
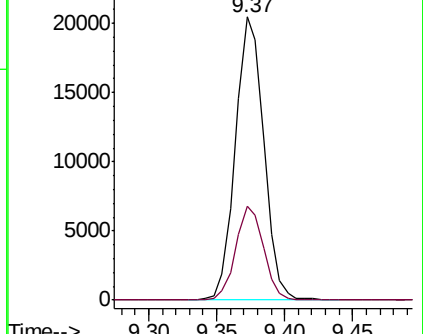
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 90.396 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003727.D

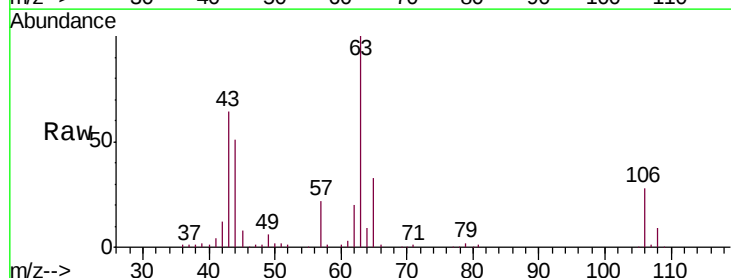
Acq: 30 Jul 2018 16:50

Tgt Ion: 63 Resp: 51545

Ion Ratio Lower Upper

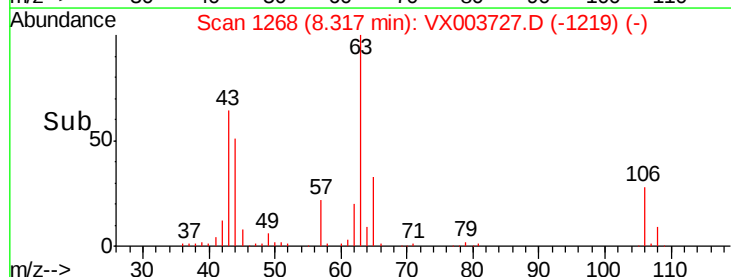
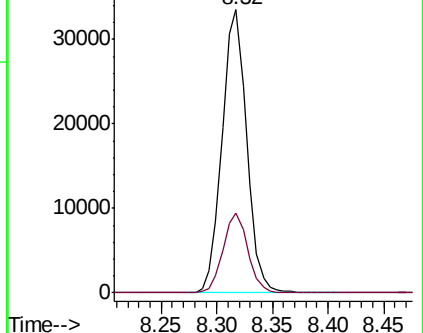
63 100

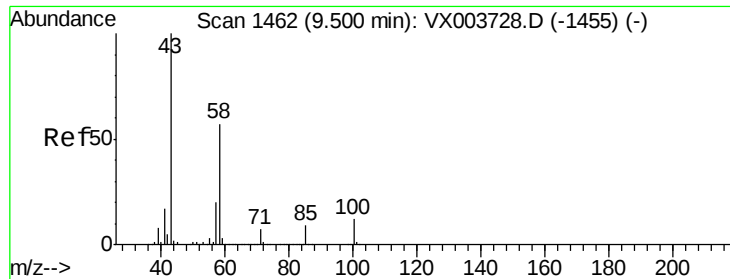
106 28.1 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

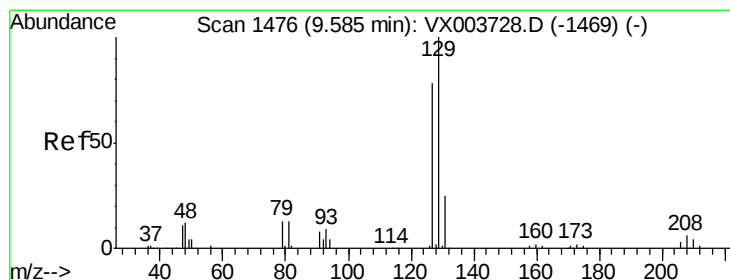
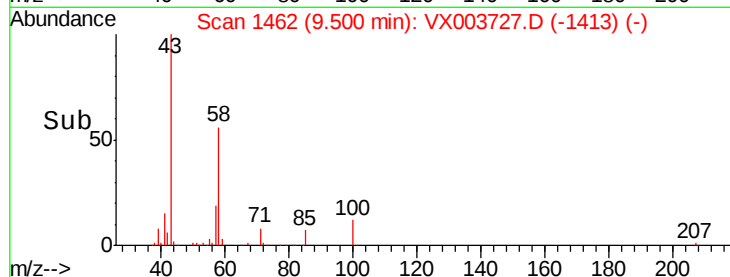
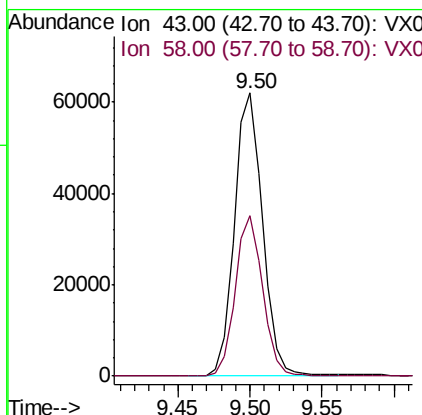
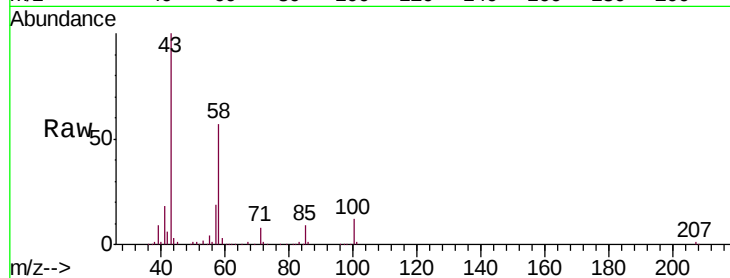




#59
2-Hexanone
Concen: 104.912 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

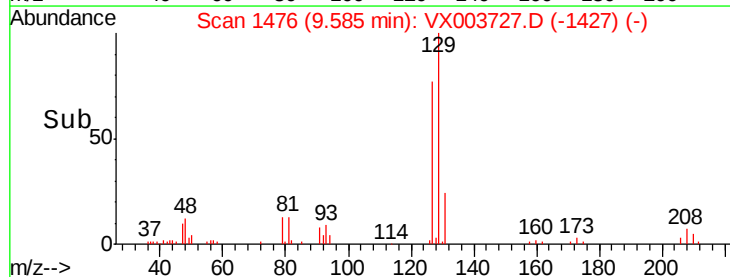
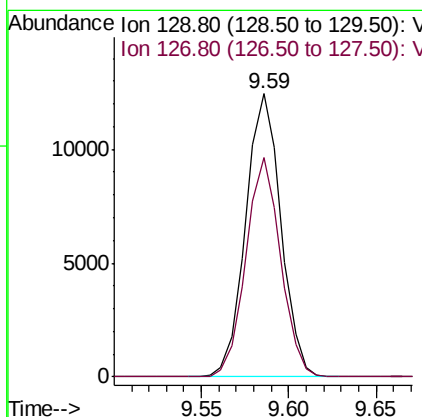
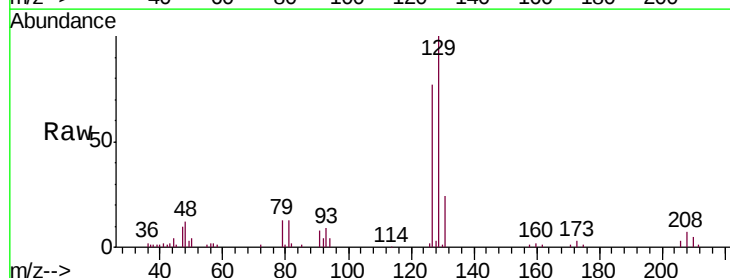
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

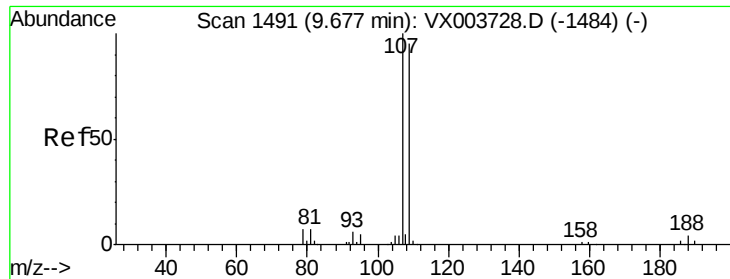
Tgt Ion: 43 Resp: 84792
Ion Ratio Lower Upper
43 100
58 55.6 28.0 83.9



#60
Dibromochloromethane
Concen: 19.942 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 129 Resp: 17427
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4

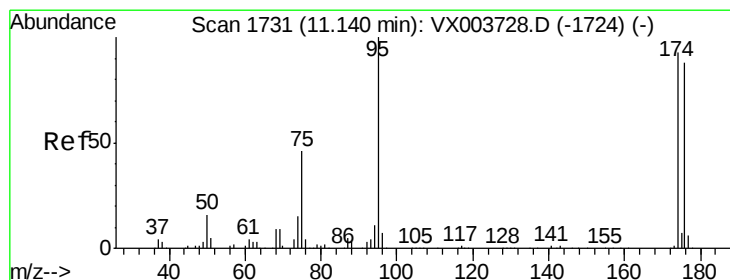
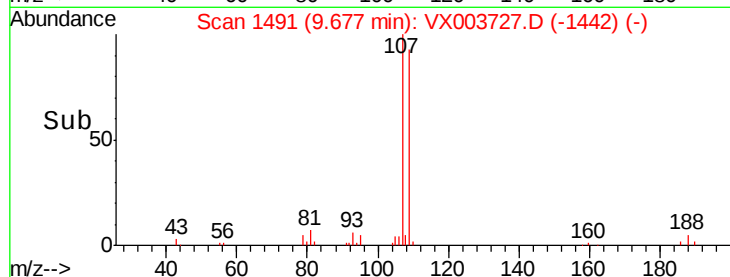
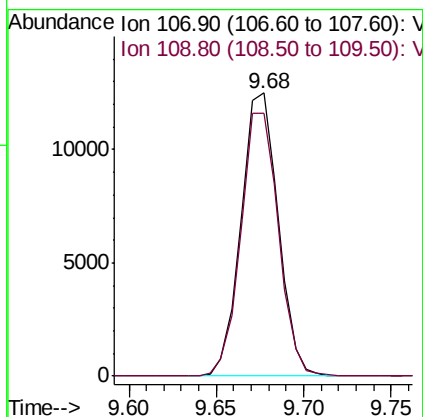
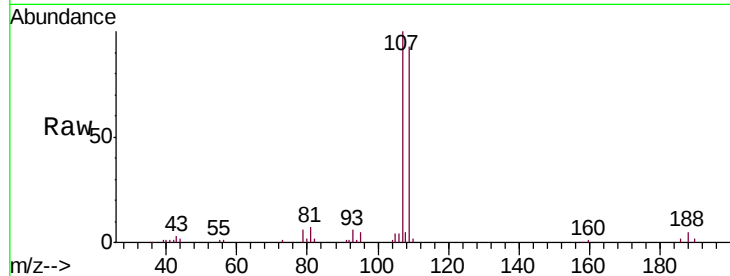




#61
 1,2-Dibromoethane
 Concen: 20.853 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

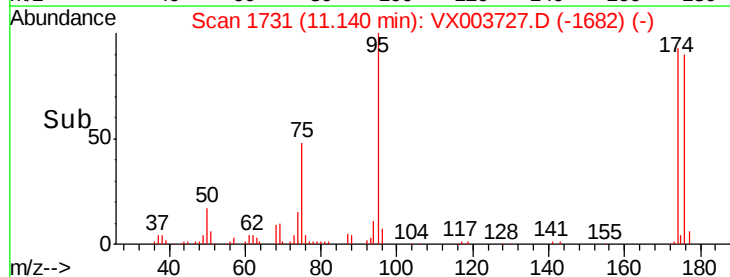
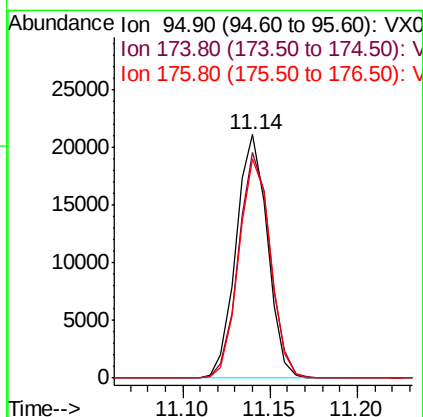
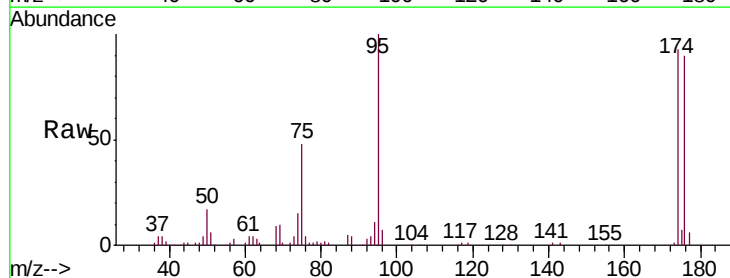
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

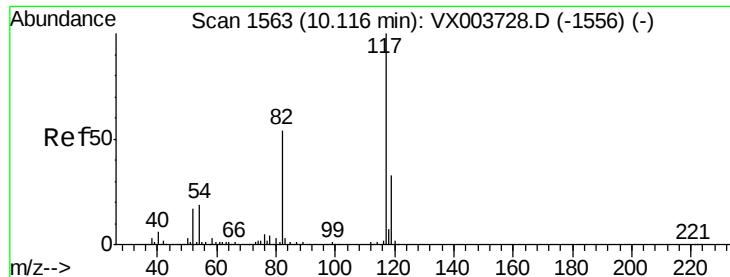
Tgt Ion: 107 Resp: 18475
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.338 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion: 95 Resp: 26363
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 186.2
 176 91.4 0.0 179.2

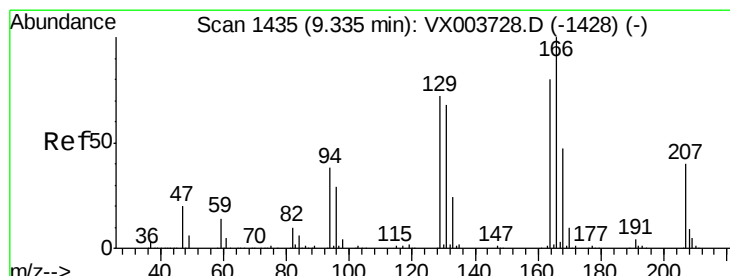
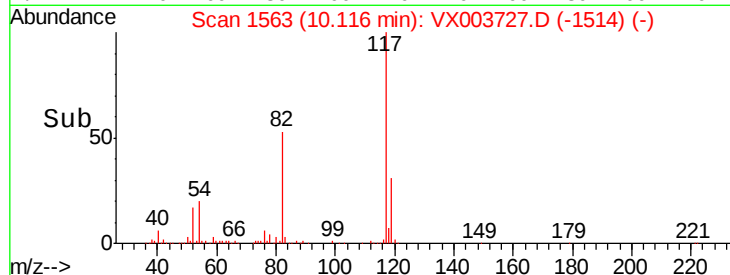
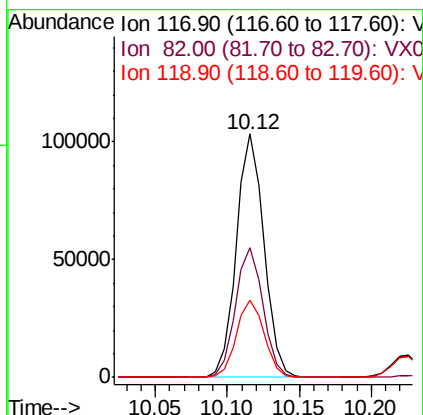
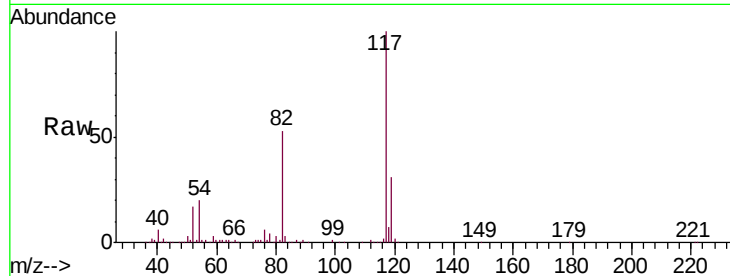




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

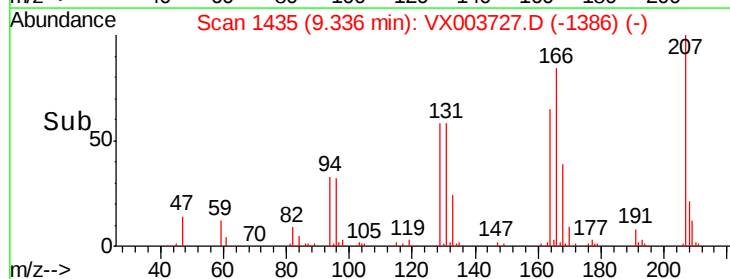
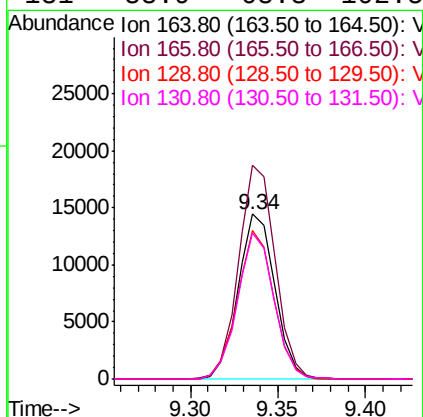
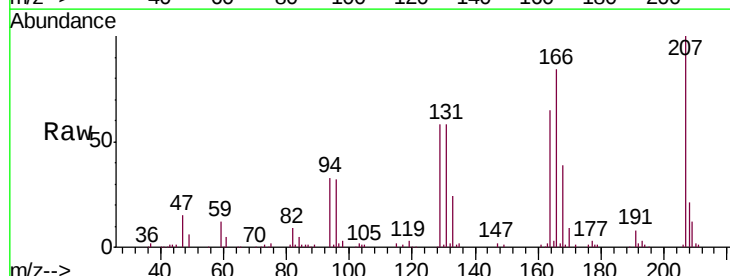
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

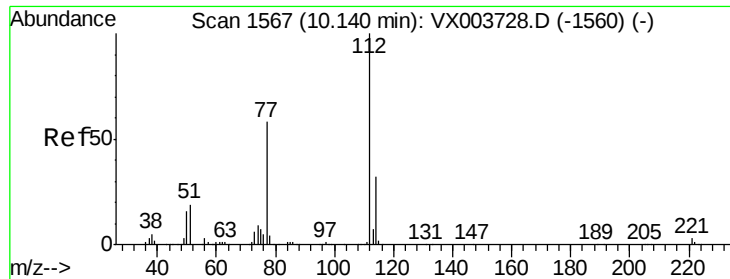
Tgt Ion:117 Resp: 137993
Ion Ratio Lower Upper
117 100
82 53.3 43.2 64.8
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 19.454 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion:164 Resp: 21101
Ion Ratio Lower Upper
164 100
166 129.7 100.4 150.6
129 89.9 71.8 107.8
131 88.9 68.3 102.5





#65

Chlorobenzene

Concen: 19.998 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

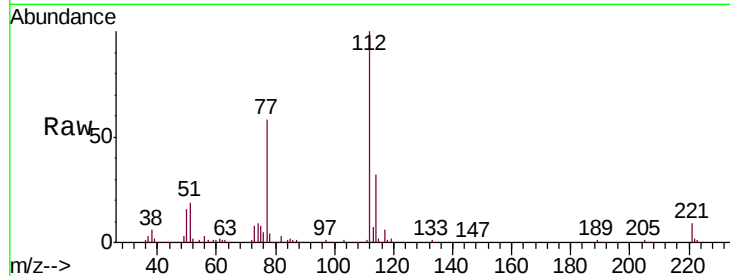
VSTDIC020

Tgt Ion:112 Resp: 57667

Ion Ratio Lower Upper

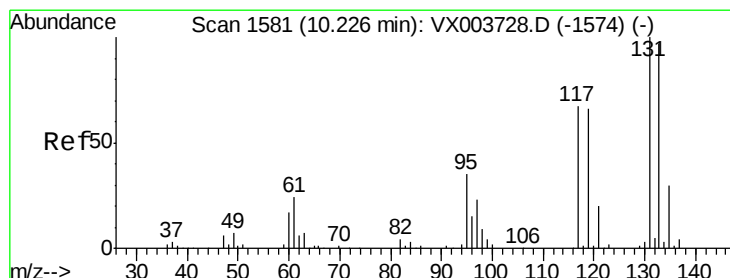
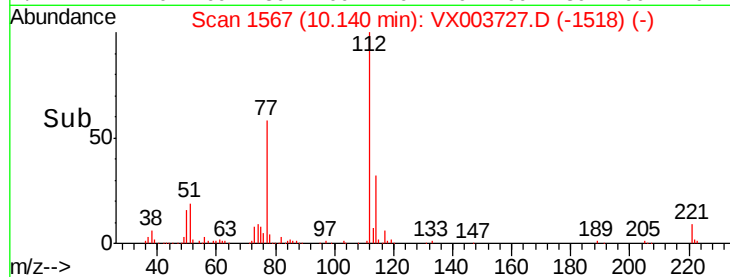
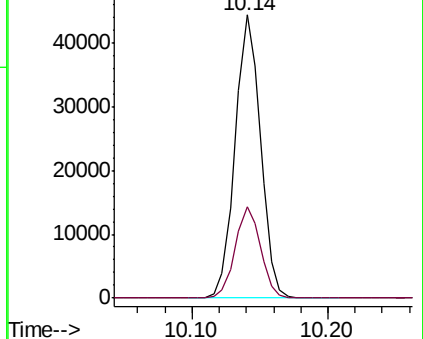
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.657 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

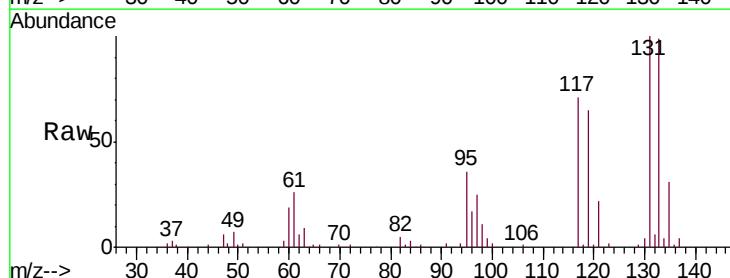
Tgt Ion:131 Resp: 18485

Ion Ratio Lower Upper

131 100

133 97.9 47.6 142.9

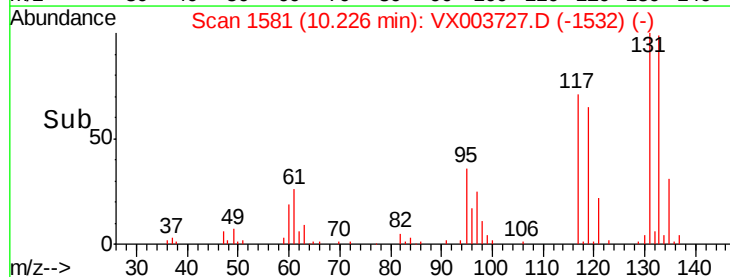
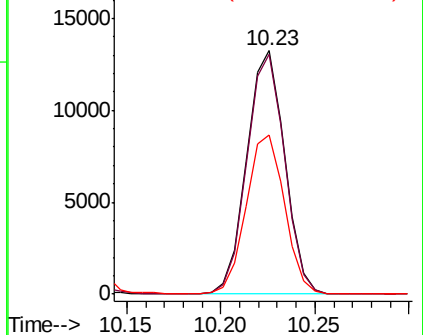
119 66.0 32.8 98.3

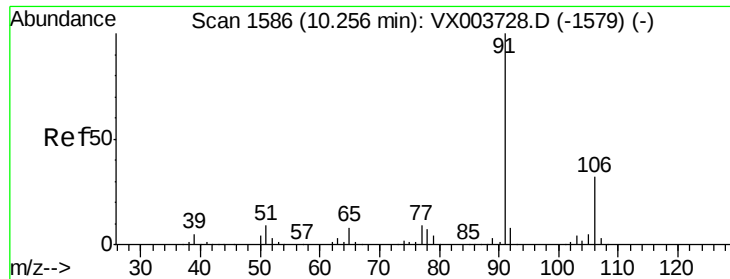


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

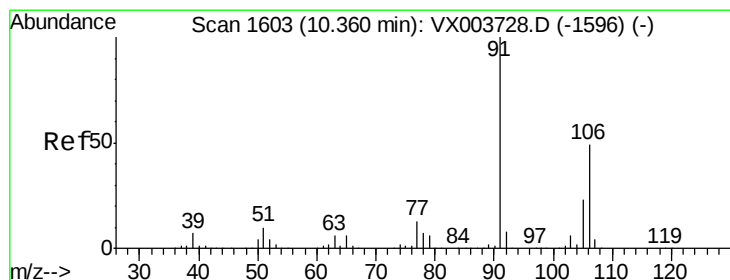
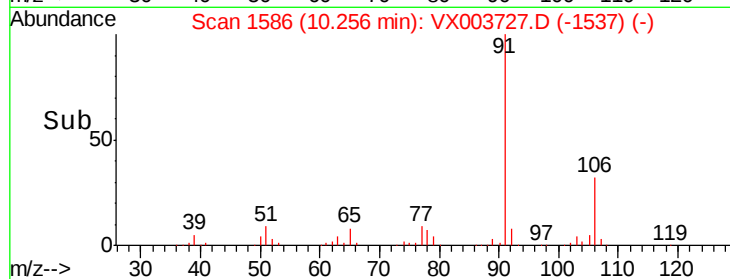
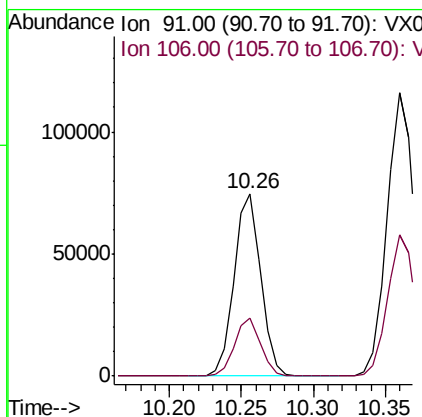
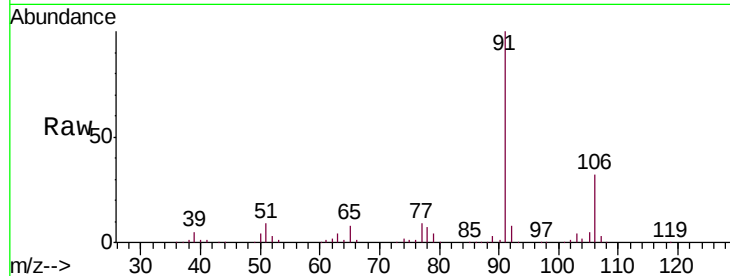




#67
Ethyl Benzene
Concen: 19.902 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

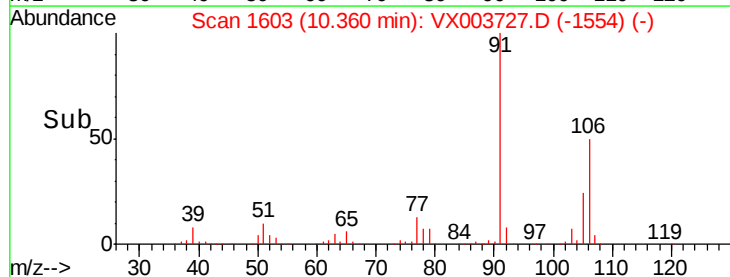
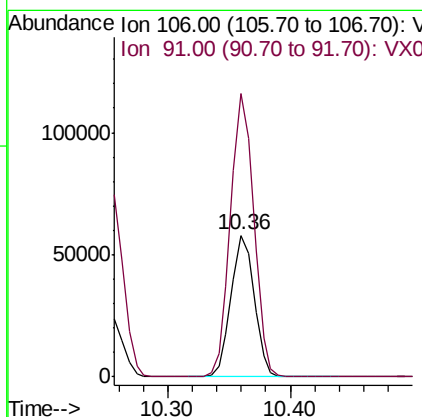
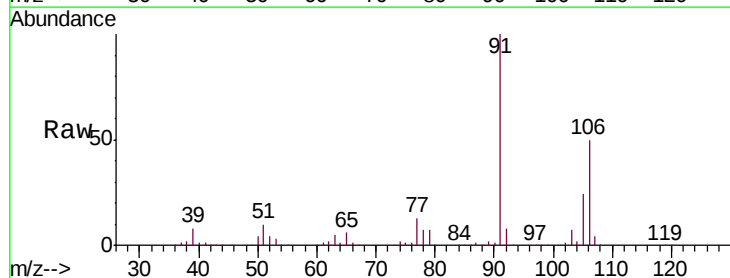
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

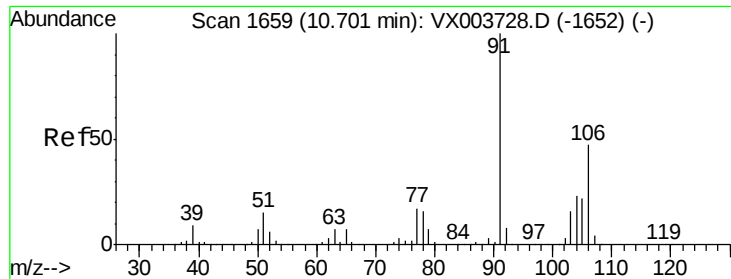
Tgt Ion: 91 Resp: 96906
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 40.051 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion: 106 Resp: 76285
Ion Ratio Lower Upper
106 100
91 201.7 159.8 239.8

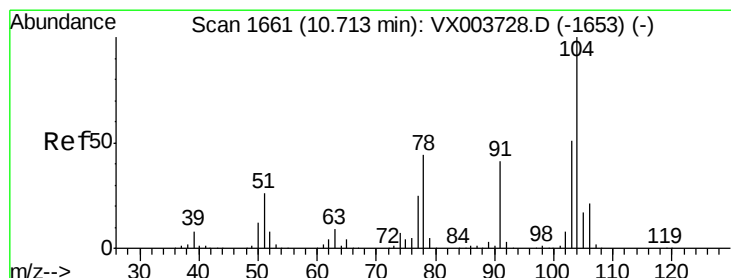
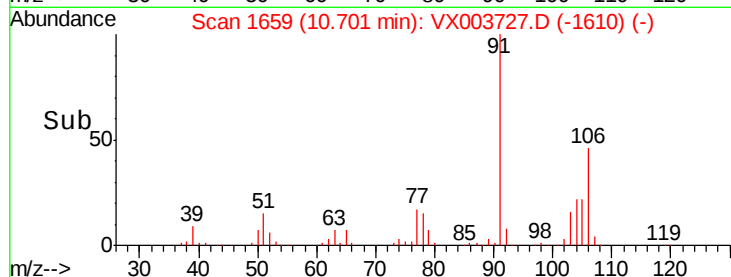
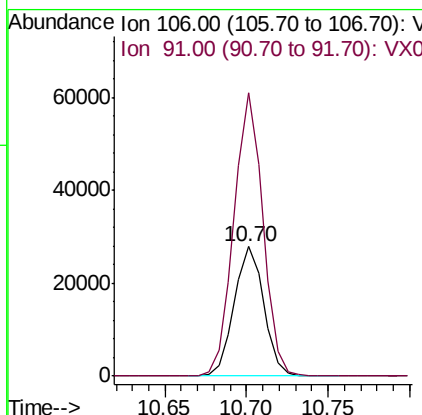
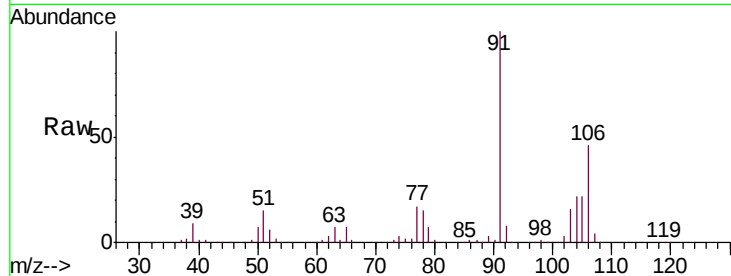




#69
o-Xylene
Concen: 20.033 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

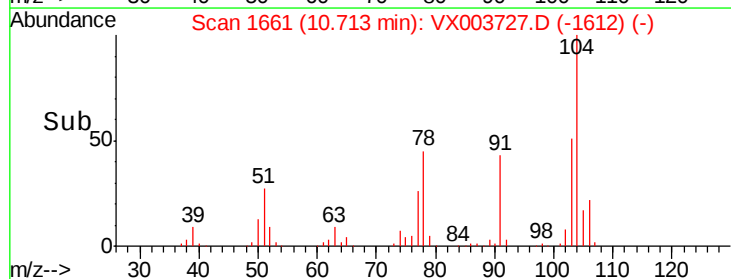
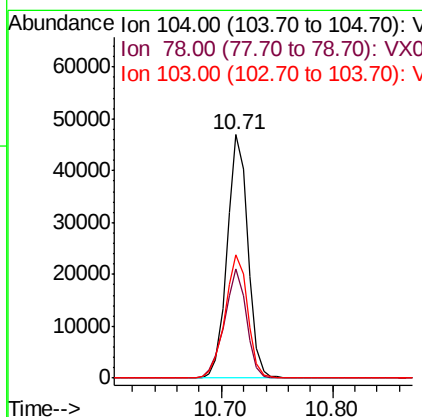
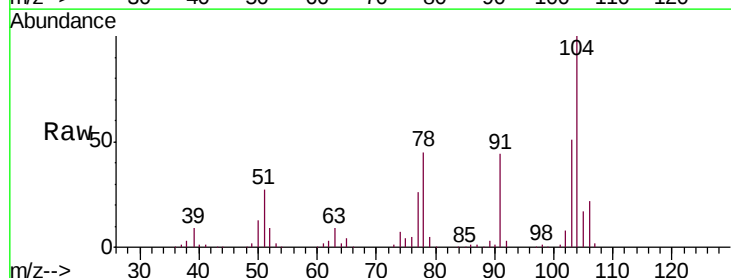
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

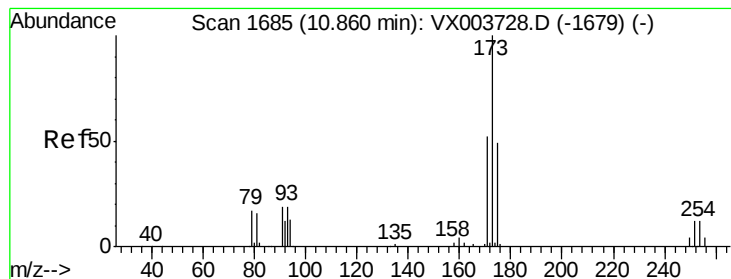
Tgt Ion:106 Resp: 35430
Ion Ratio Lower Upper
106 100
91 213.9 105.6 316.8



#70
Styrene
Concen: 20.290 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003727.D
Acq: 30 Jul 2018 16:50

Tgt Ion:104 Resp: 60371
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 55.3 44.5 66.7





#71

Bromoform

Concen: 19.119 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

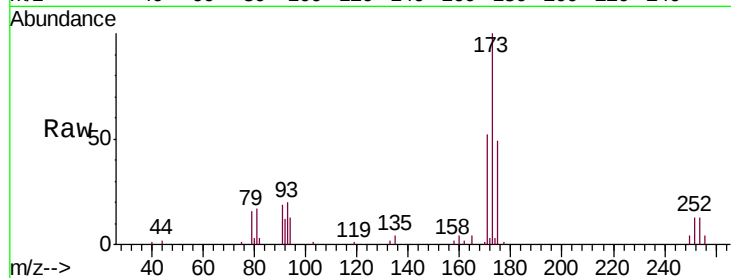
Tgt Ion:173 Resp: 12362

Ion Ratio Lower Upper

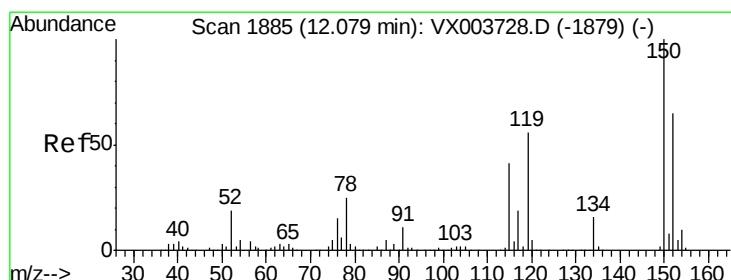
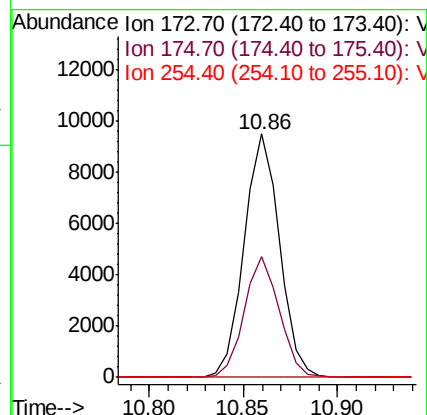
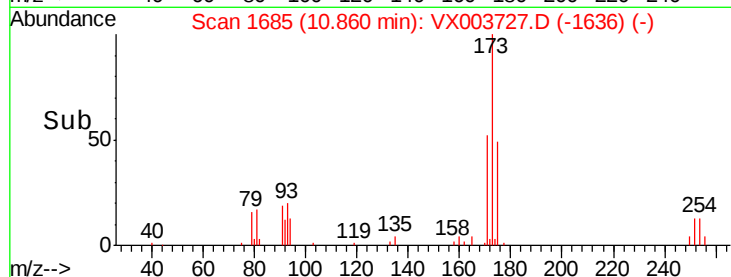
173 100

175 49.2 24.9 74.6

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

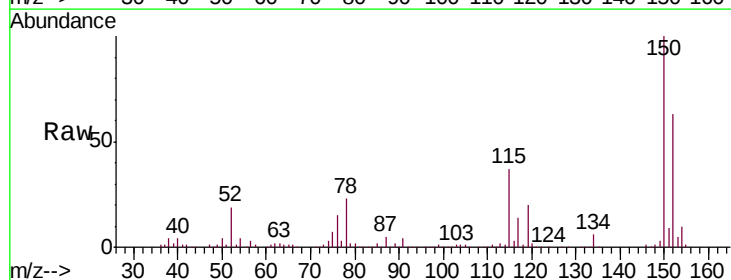
Tgt Ion:152 Resp: 79381

Ion Ratio Lower Upper

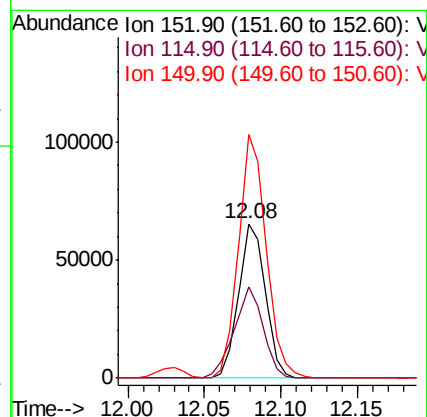
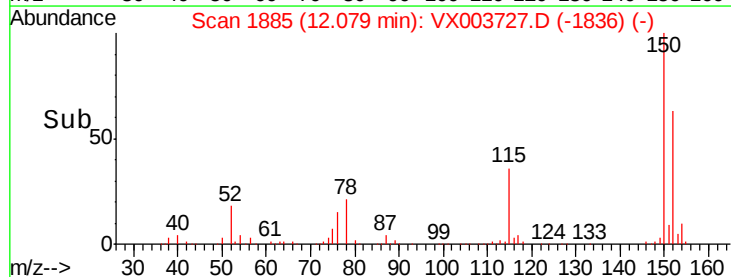
152 100

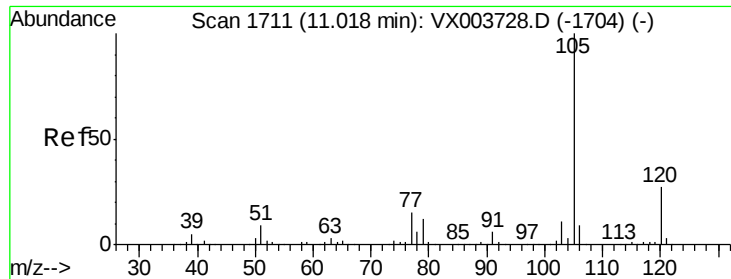
115 64.2 38.5 115.3

150 163.3 0.0 346.2



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





#73

Isopropylbenzene

Concen: 19.852 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

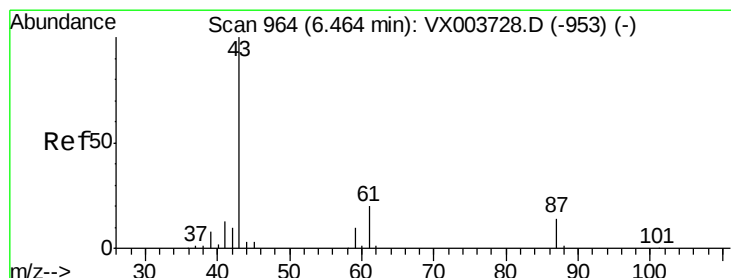
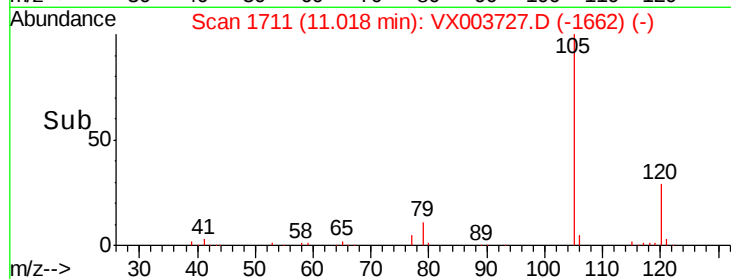
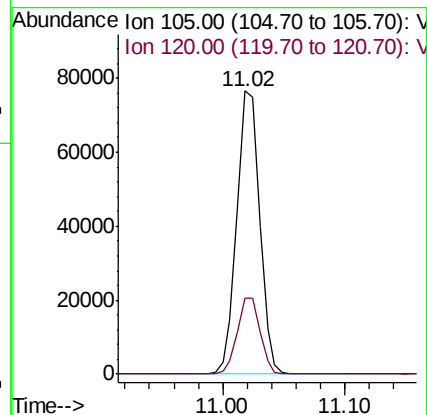
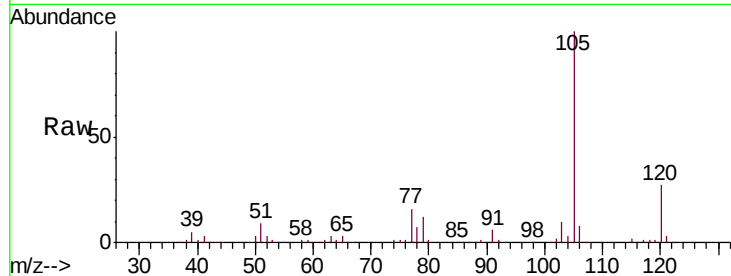
VSTDIC020

Tgt Ion:105 Resp: 98653

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 21.841 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Tgt Ion: 43 Resp: 34521

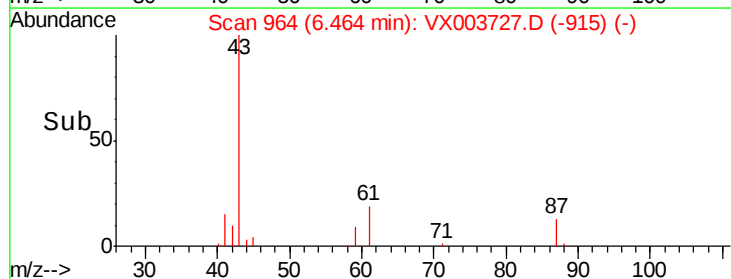
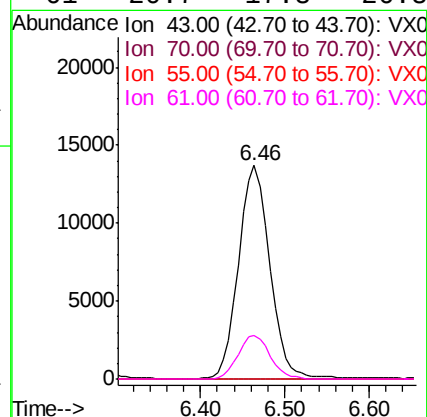
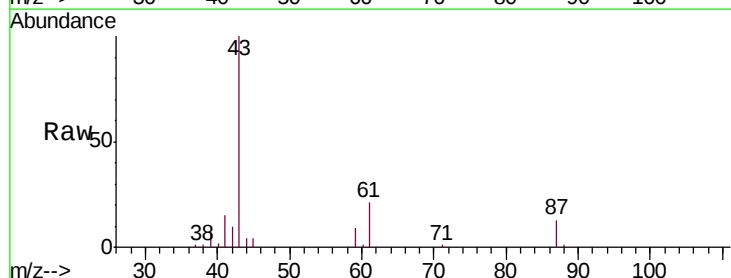
Ion Ratio Lower Upper

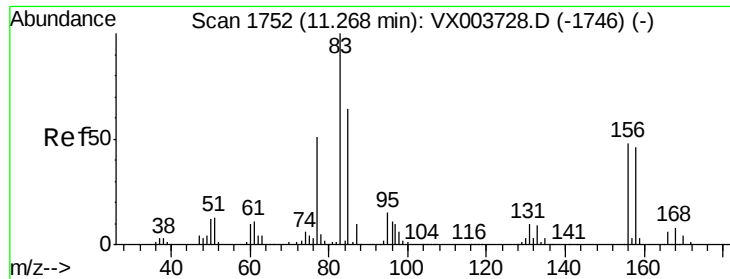
43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 20.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.394 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

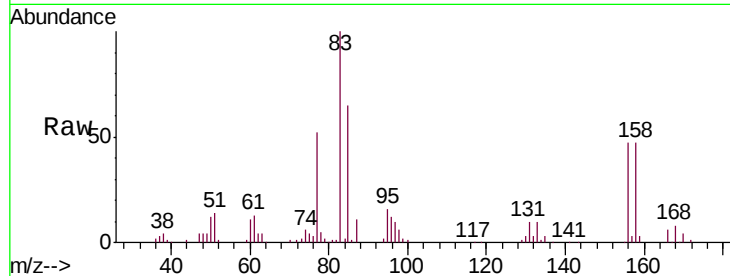
Tgt Ion: 83 Resp: 26349

Ion Ratio Lower Upper

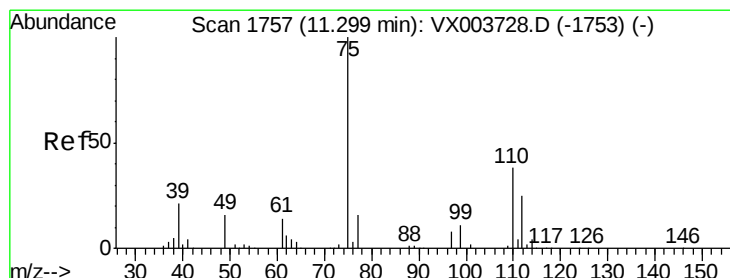
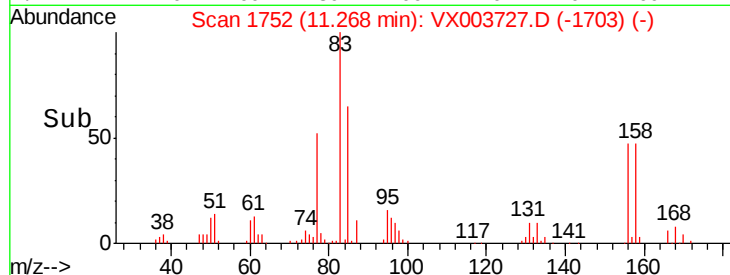
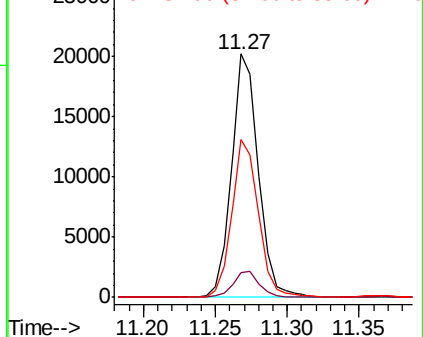
83 100

131 10.4 5.3 15.9

85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.461 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003727.D

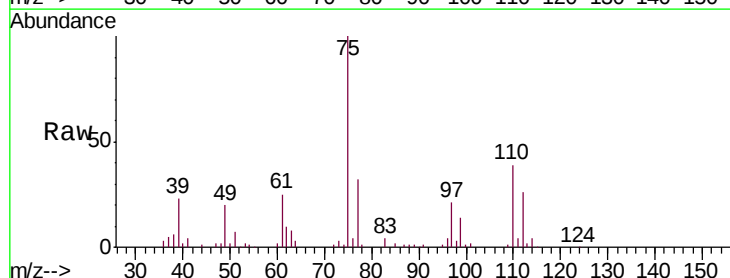
Acq: 30 Jul 2018 16:50

Tgt Ion: 75 Resp: 28953

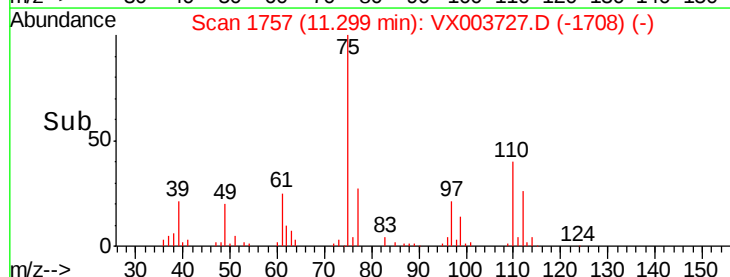
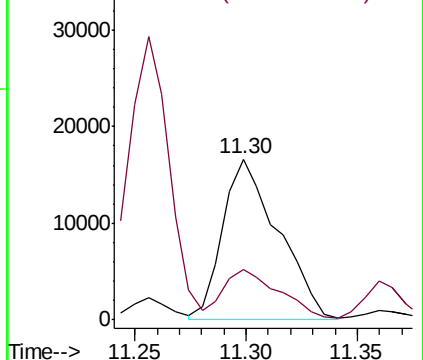
Ion Ratio Lower Upper

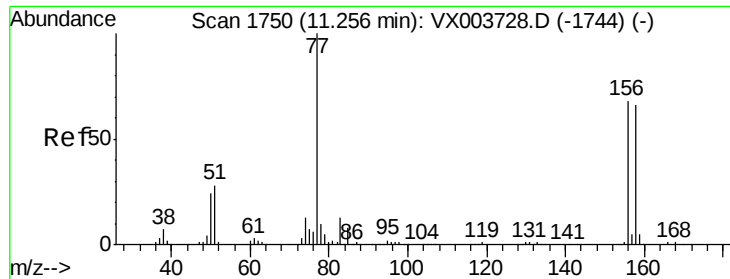
75 100

77 32.2 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.958 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

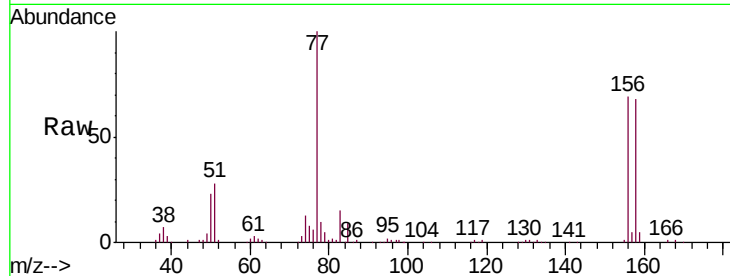
Tgt Ion: 156 Resp: 25857

Ion Ratio Lower Upper

156 100

77 145.2 71.8 215.3

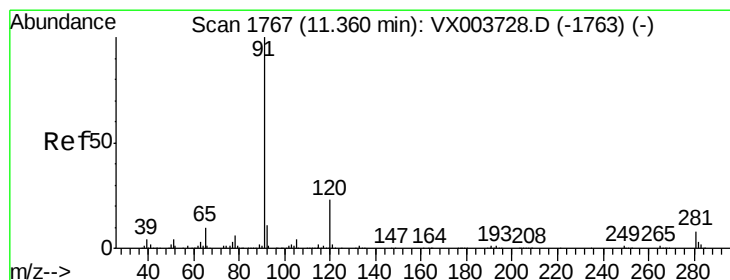
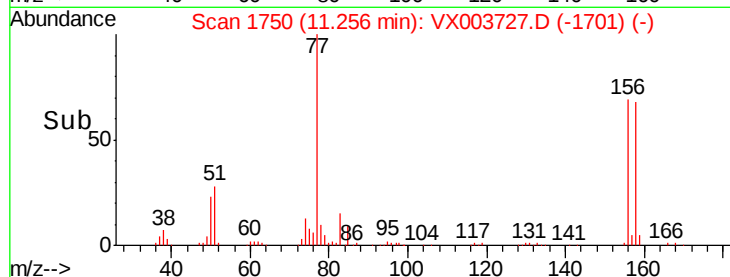
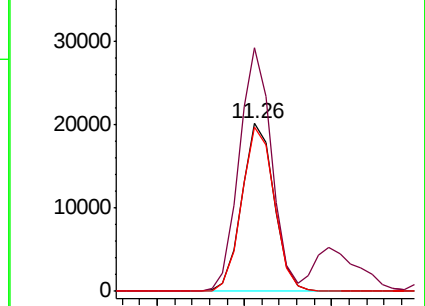
158 98.6 48.8 146.4



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: 20.004 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003727.D

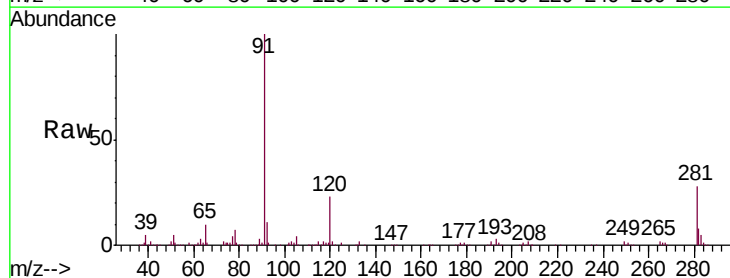
Acq: 30 Jul 2018 16:50

Tgt Ion: 91 Resp: 120433

Ion Ratio Lower Upper

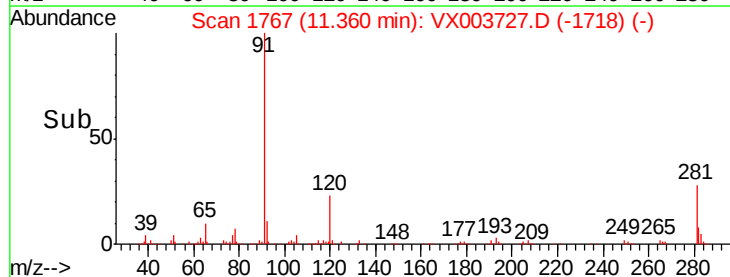
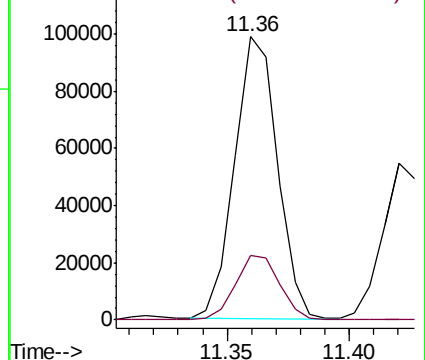
91 100

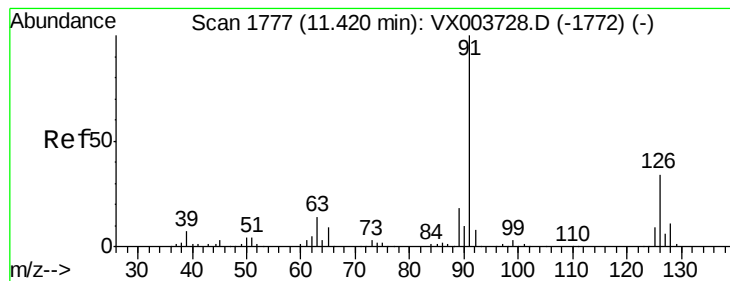
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.004 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

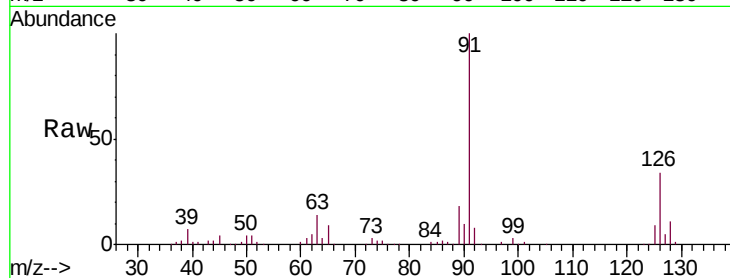
VSTDIC020

Tgt Ion: 91 Resp: 68374

Ion Ratio Lower Upper

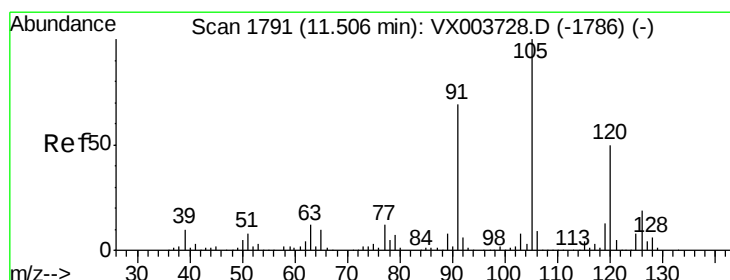
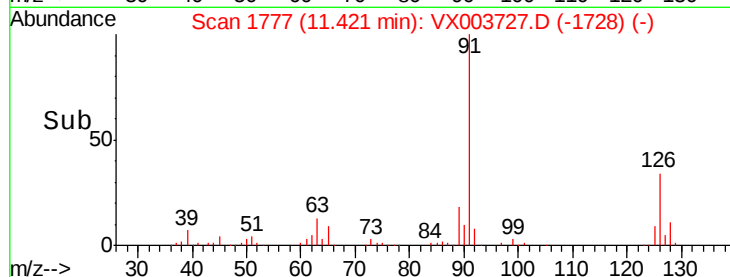
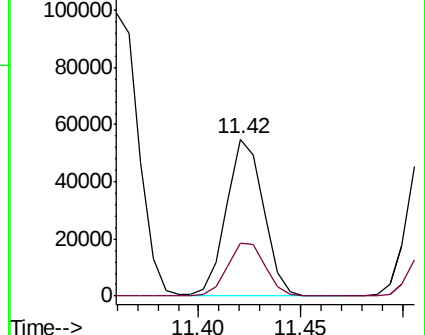
91 100

126 35.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX003727.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003727.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.384 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003727.D

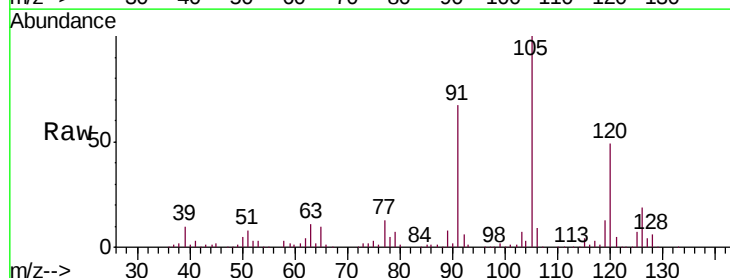
Acq: 30 Jul 2018 16:50

Tgt Ion: 105 Resp: 84280

Ion Ratio Lower Upper

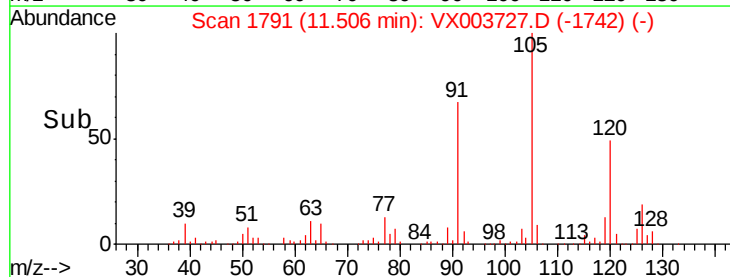
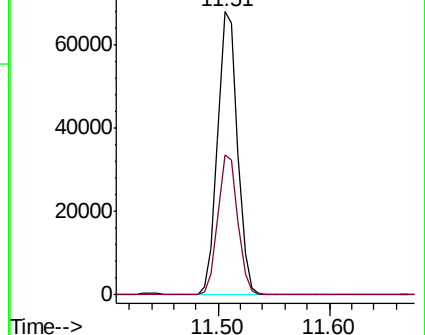
105 100

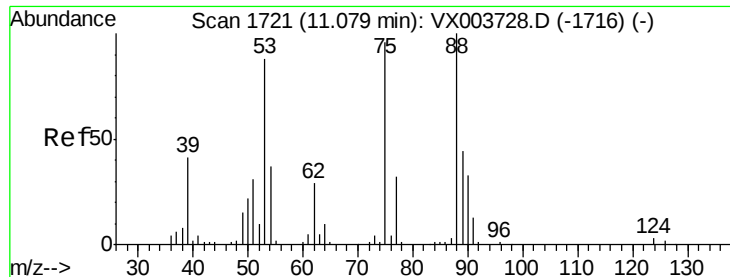
120 49.4 15.8 47.4#



Abundance Ion 105.00 (104.70 to 105.70): VX003727.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003727.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.982 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

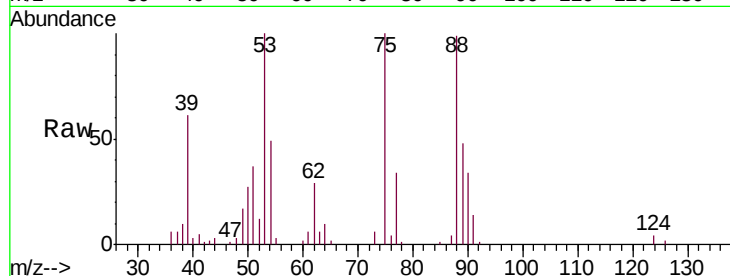
Tgt Ion: 75 Resp: 7012

Ion Ratio Lower Upper

75 100

53 104.4 75.8 113.8

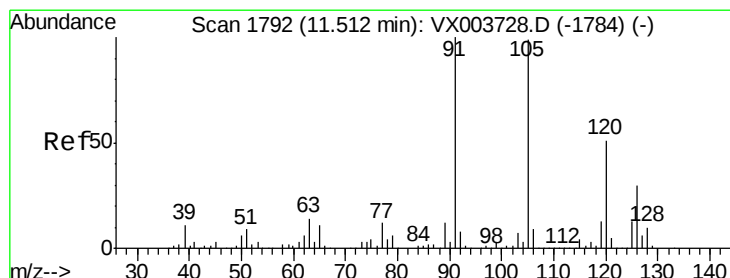
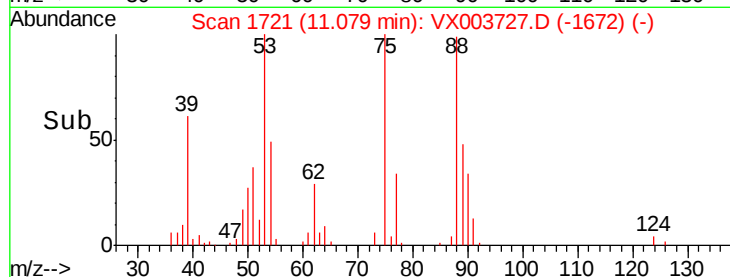
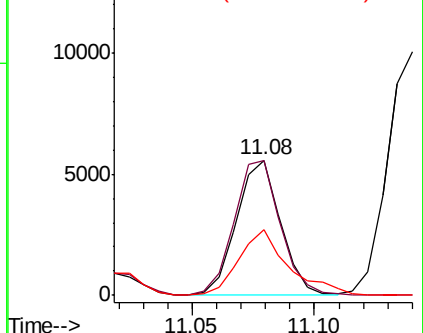
89 54.8 39.1 58.7



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: 20.019 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003727.D

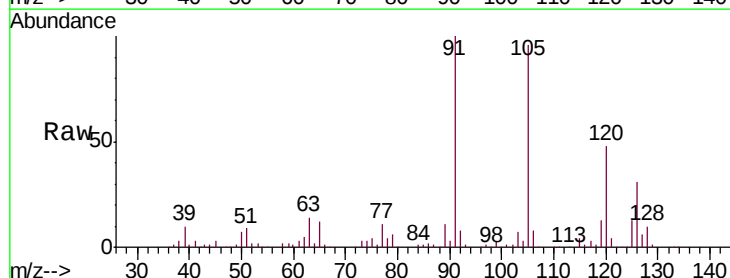
Acq: 30 Jul 2018 16:50

Tgt Ion: 91 Resp: 82995

Ion Ratio Lower Upper

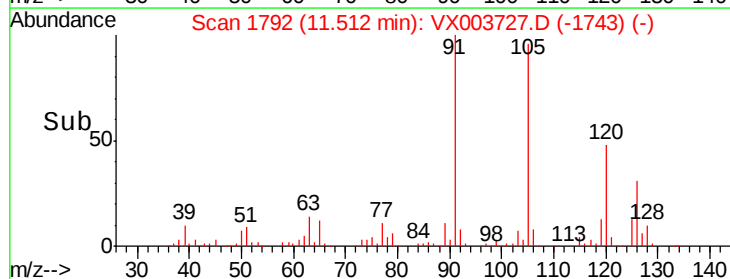
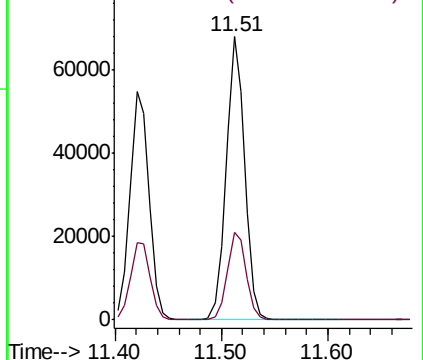
91 100

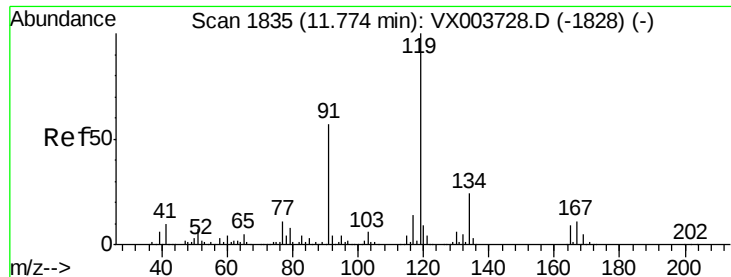
126 31.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

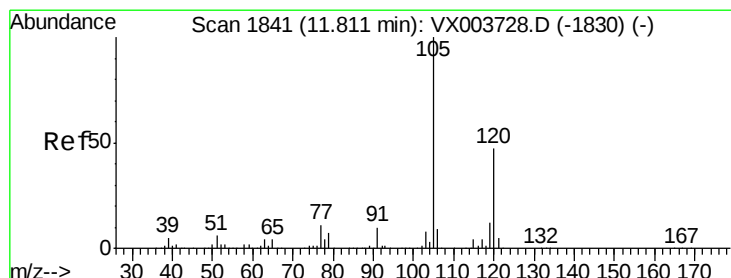
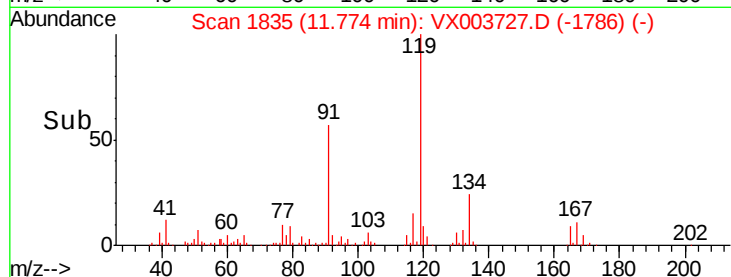
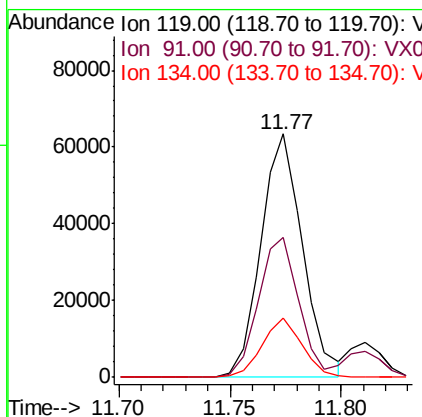
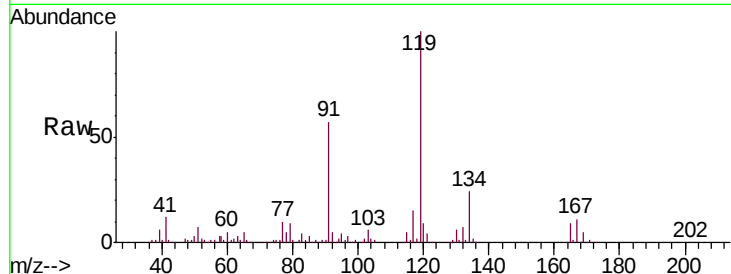




#83
 tert-Butylbenzene
 Concen: 19.660 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

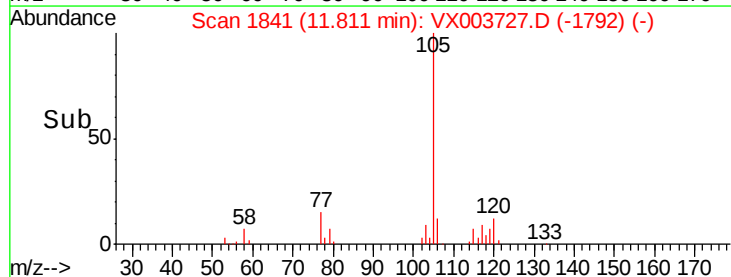
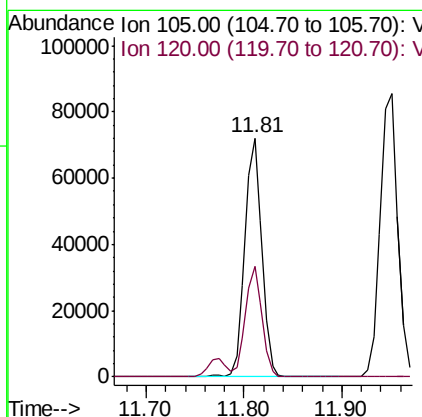
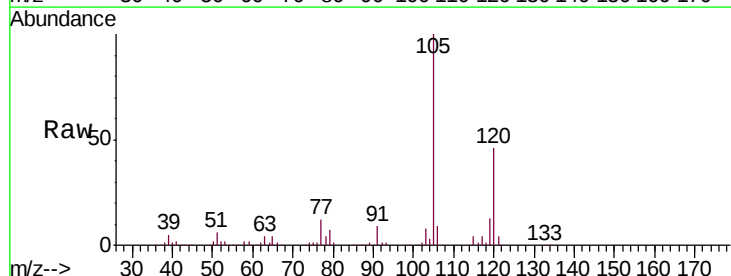
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

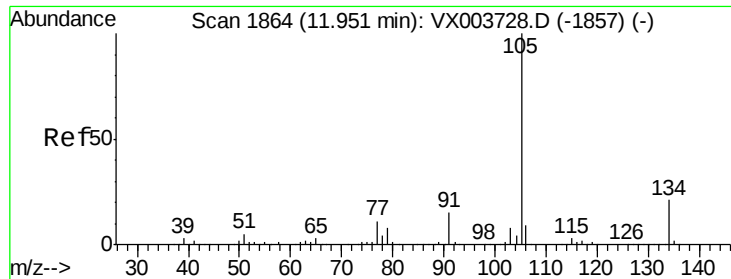
Tgt Ion:119 Resp: 82483
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.2 81.6
 134 23.3 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.006 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion:105 Resp: 87346
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.865 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

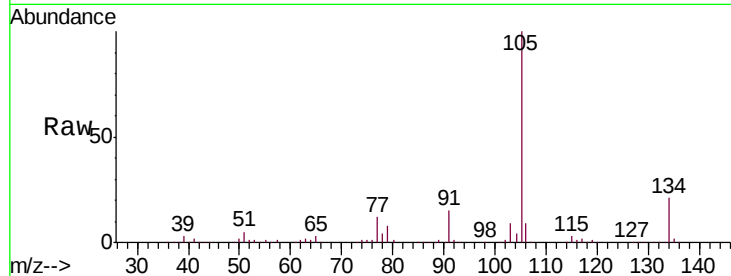
VSTDIC020

Tgt Ion:105 Resp: 106622

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

80000

60000

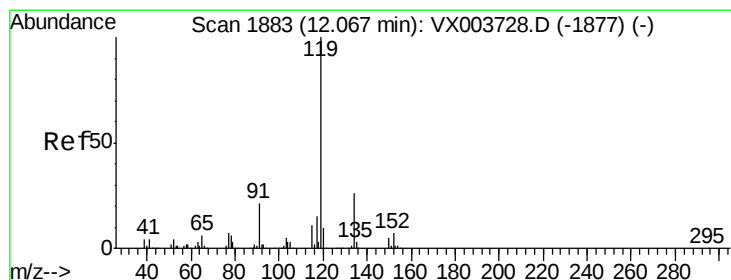
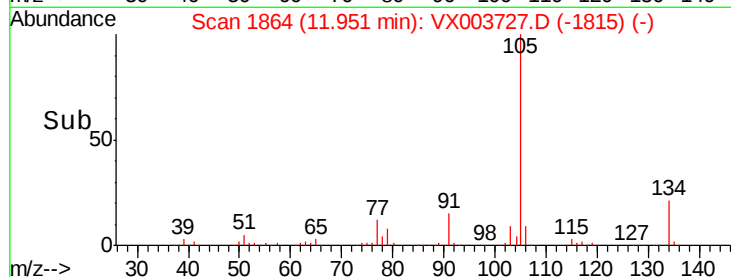
40000

20000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 22.528 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

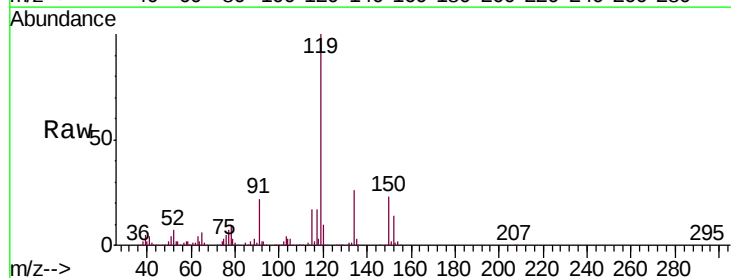
Tgt Ion:119 Resp: 96951

Ion Ratio Lower Upper

119 100

134 26.6 10.1 30.1

91 22.8 23.6 70.8#



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): VX0

12.07

120000

100000

80000

60000

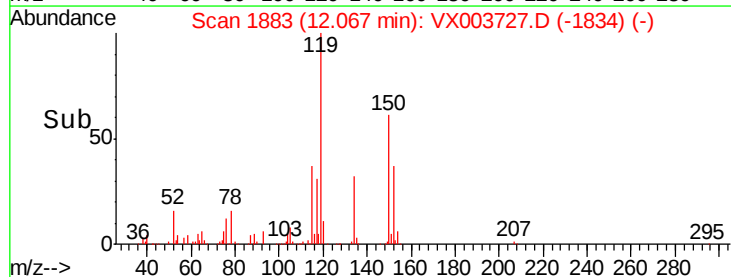
40000

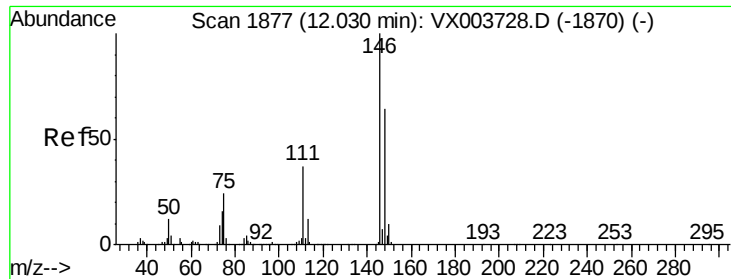
20000

0

Time-->

12.00 12.10

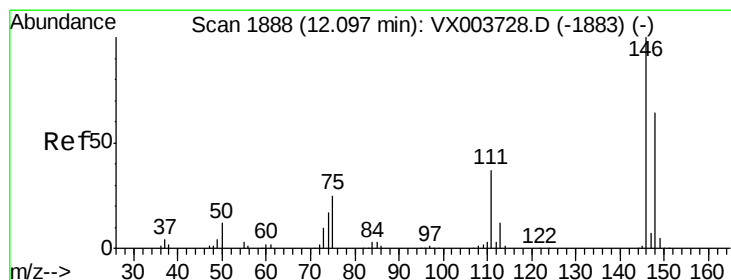
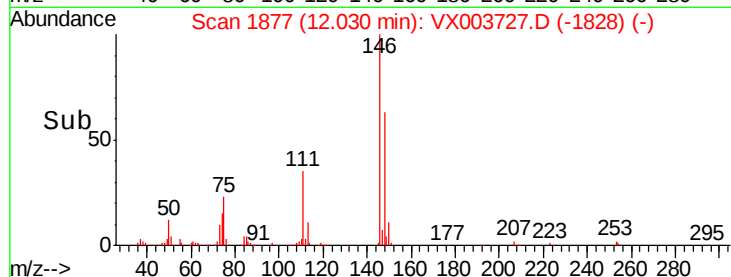
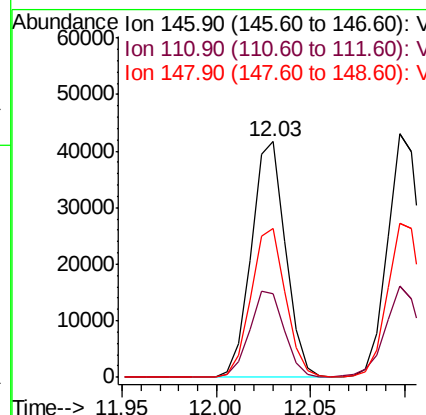
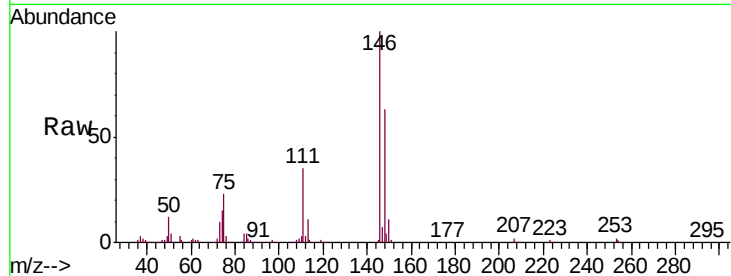




#87
 1,3-Dichlorobenzene
 Concen: 20.005 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

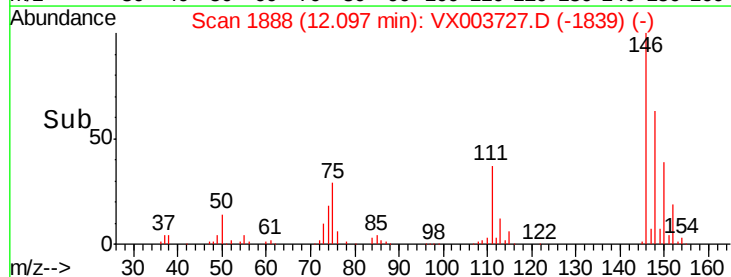
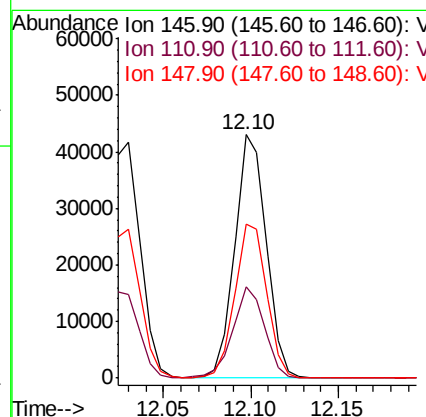
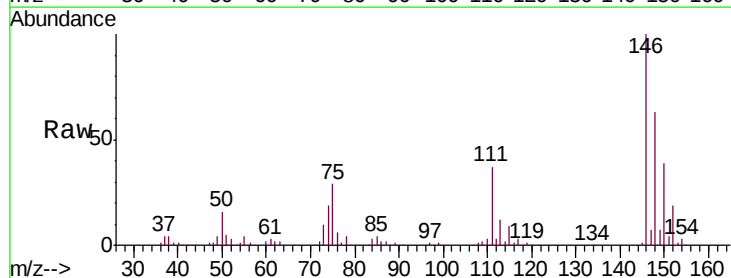
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

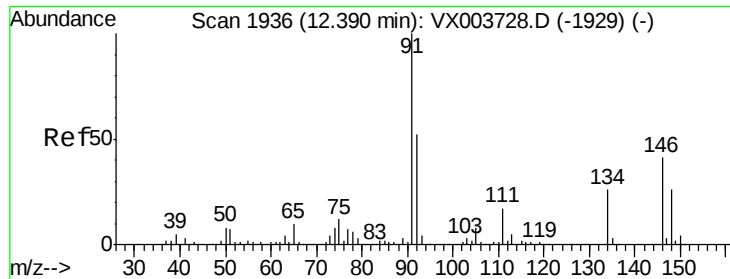
Tgt Ion:146 Resp: 52429
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.3
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.088 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion:146 Resp: 53712
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.3 54.9
 148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 19.787 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

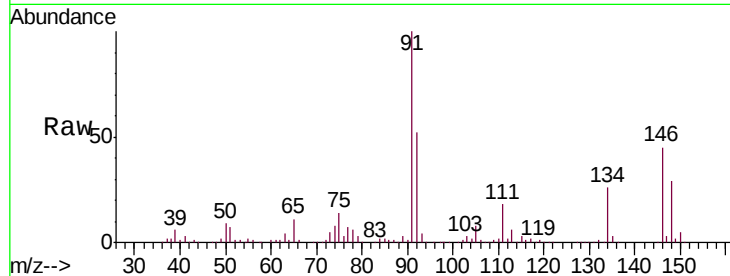
Tgt Ion: 91 Resp: 91873

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

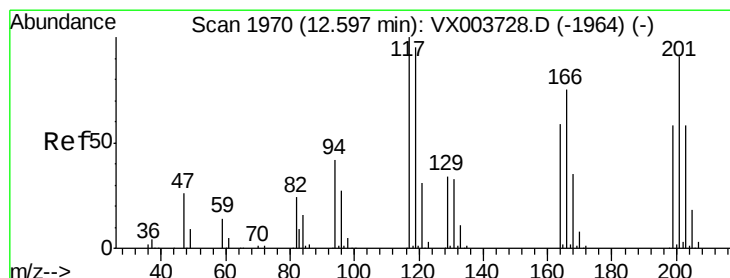
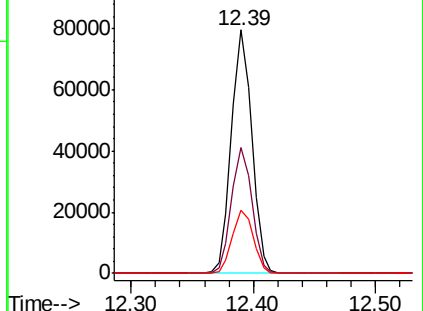
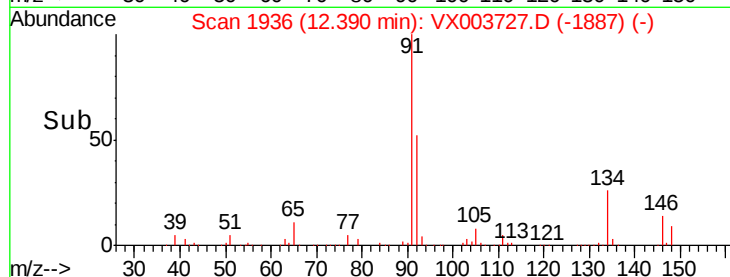
134 26.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX003727.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003727.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003727.D (-1887) (-)



#90

Hexachloroethane

Concen: 18.968 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003727.D

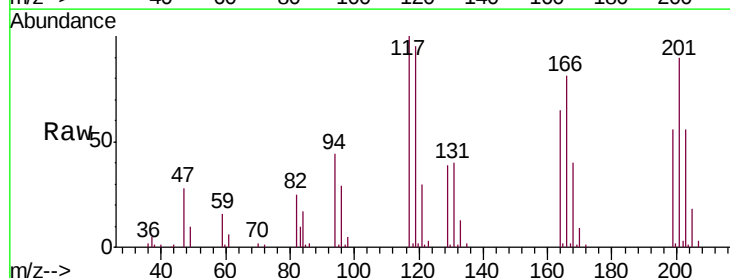
Acq: 30 Jul 2018 16:50

Tgt Ion: 117 Resp: 13740

Ion Ratio Lower Upper

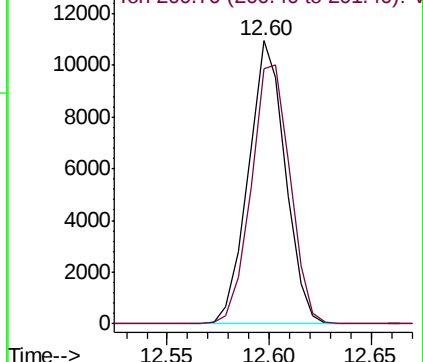
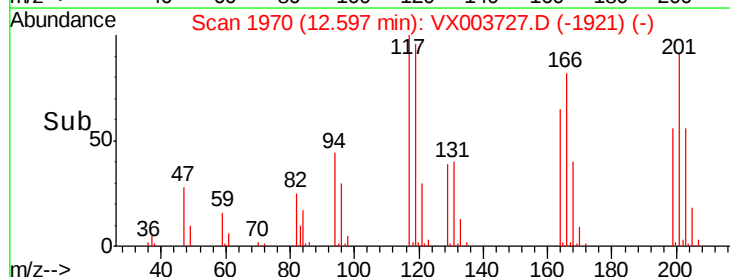
117 100

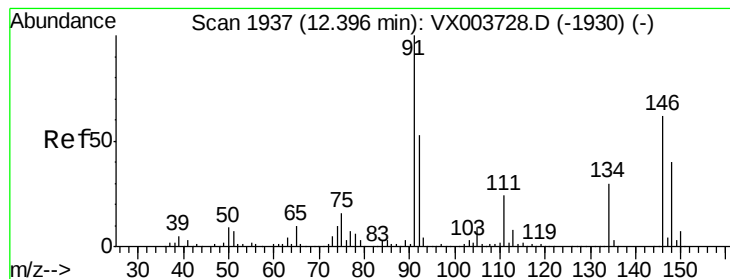
201 96.9 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VX003727.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003727.D (-1921) (-)





#91

1,2-Dichlorobenzene

Concen: 20.244 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

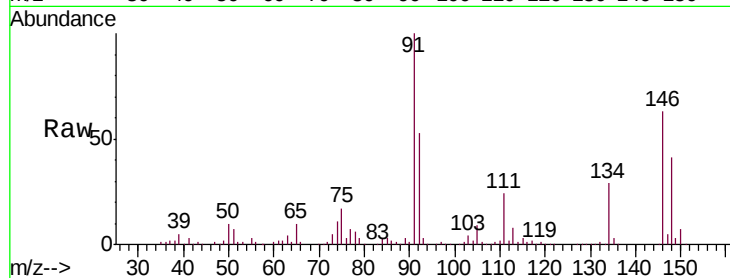
Tgt Ion:146 Resp: 49409

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.4

148 64.3 32.0 96.0

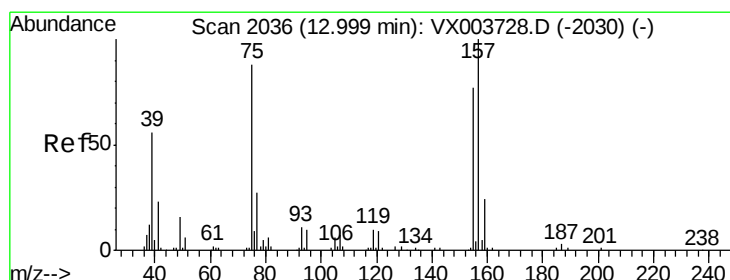
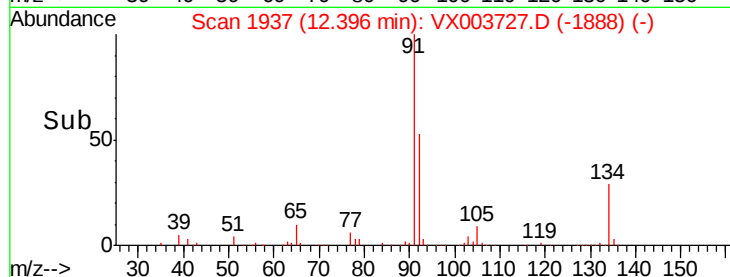
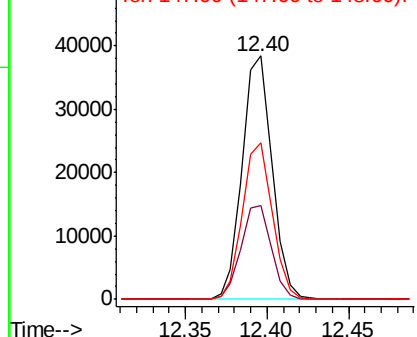


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.246 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

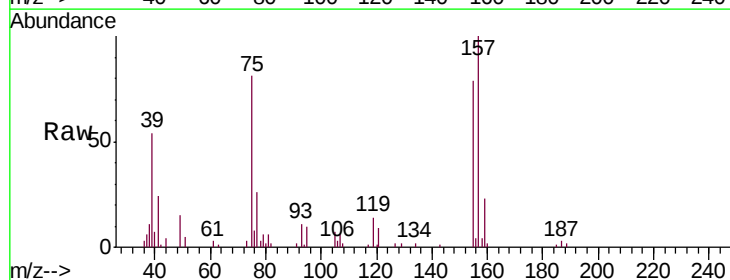
Tgt Ion: 75 Resp: 5190

Ion Ratio Lower Upper

75 100

155 97.6 48.9 146.7

157 122.9 63.7 191.1

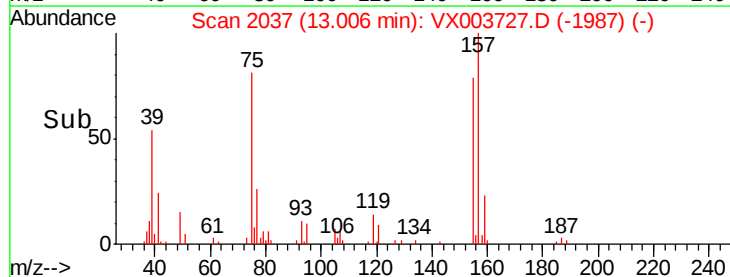
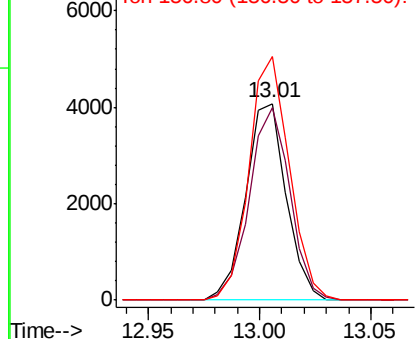


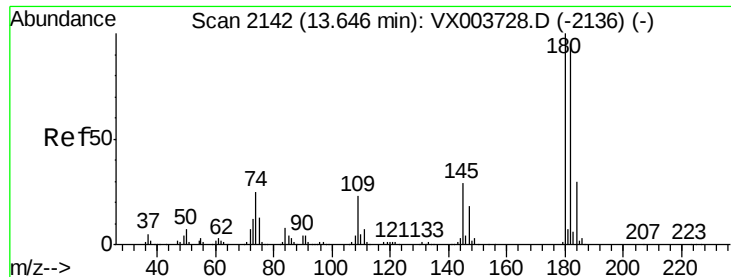
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

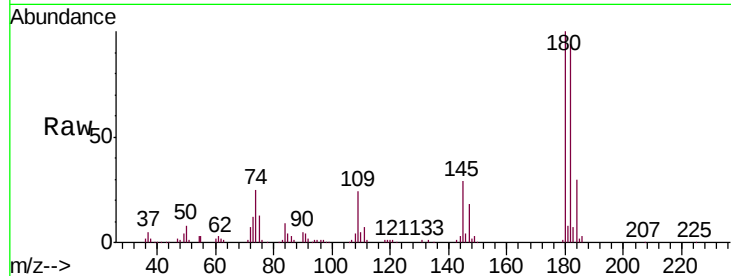




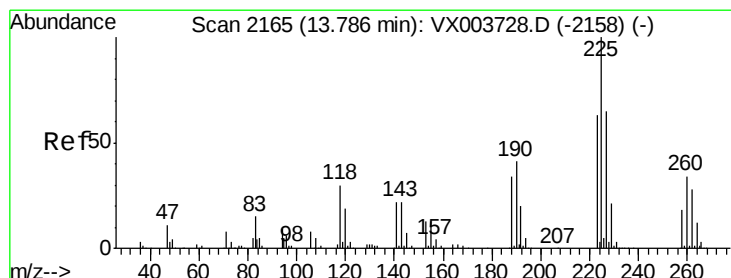
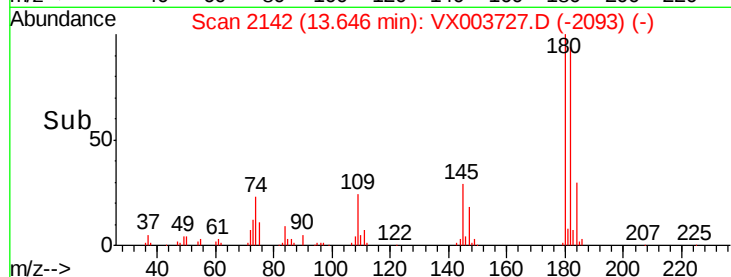
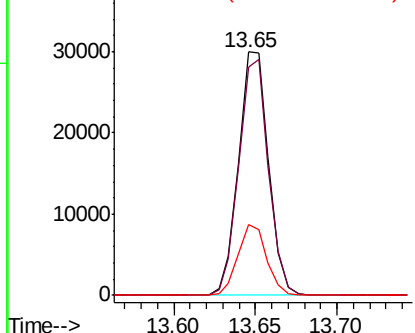
#93
 1,2,4-Trichlorobenzene
 Concen: 19.899 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 38527
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 27.9 14.1 42.2

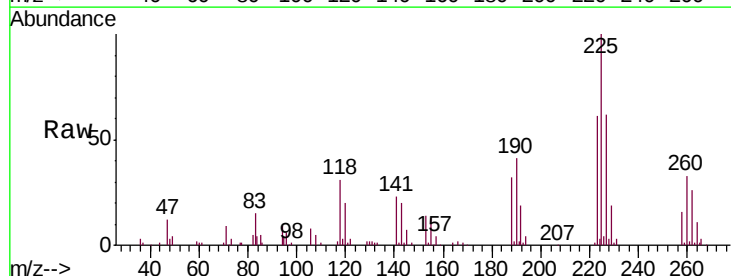


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

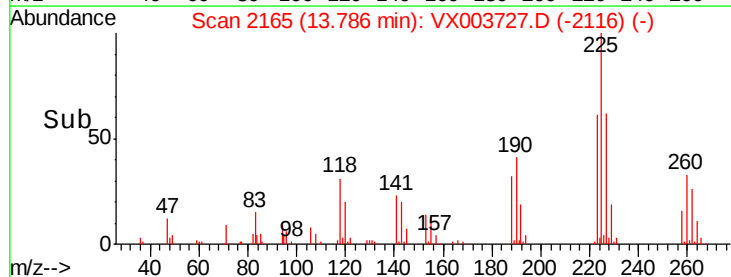
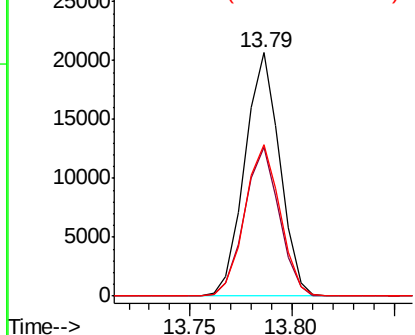


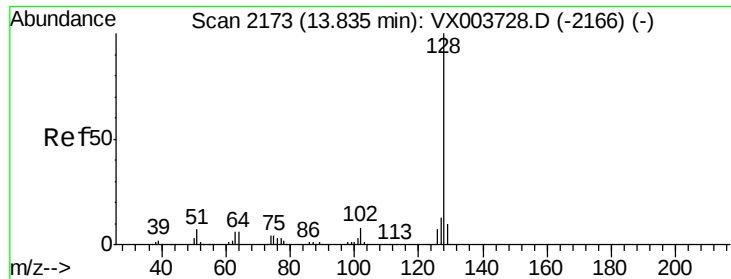
#94
 Hexachlorobutadiene
 Concen: 19.905 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003727.D
 Acq: 30 Jul 2018 16:50

Tgt Ion:225 Resp: 24646
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.1 93.5
 227 63.1 31.9 95.9



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





#95

Naphthalene

Concen: 20.262 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

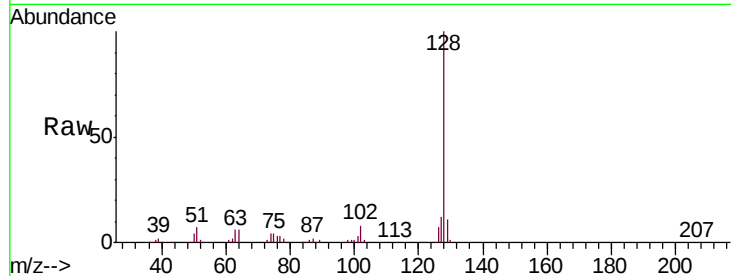
Tgt Ion:128 Resp: 83831

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

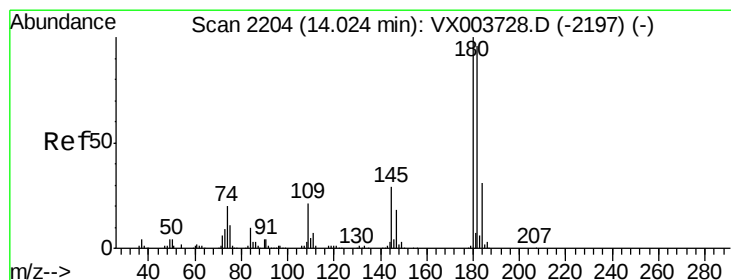
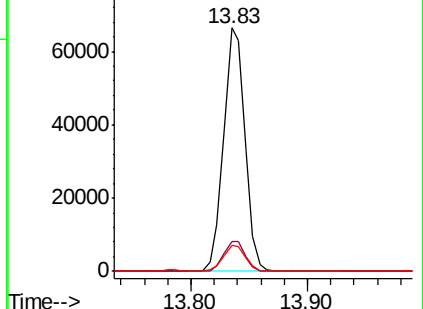
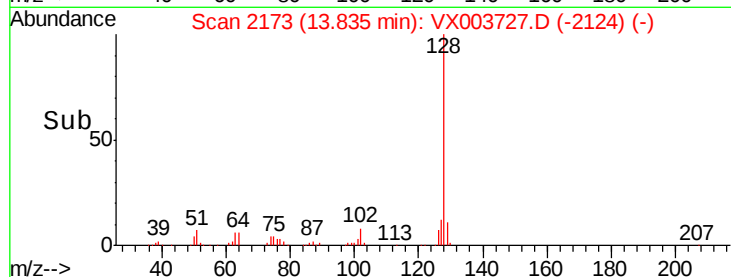
129 10.9 8.7 13.1



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: 20.317 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003727.D

Acq: 30 Jul 2018 16:50

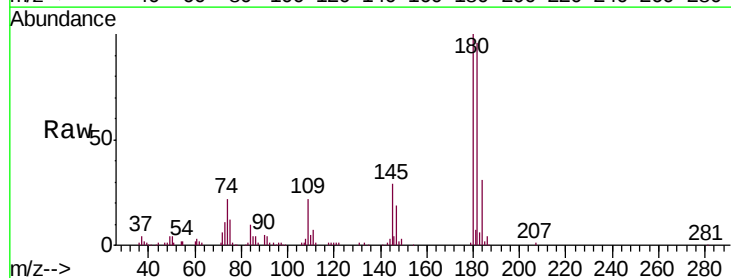
Tgt Ion:180 Resp: 35707

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 29.0 14.7 44.1



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

