

Data File : VX002844.D
Acq On : 22 Jun 2018 21:19
Operator : JC/MD
Sample : J3592-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0627

Quant Time: Jul 09 05:04:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157053	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
35) Dibromofluoromethane	5.51	113	123590	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.72	98	452168	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.14	95	163175	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

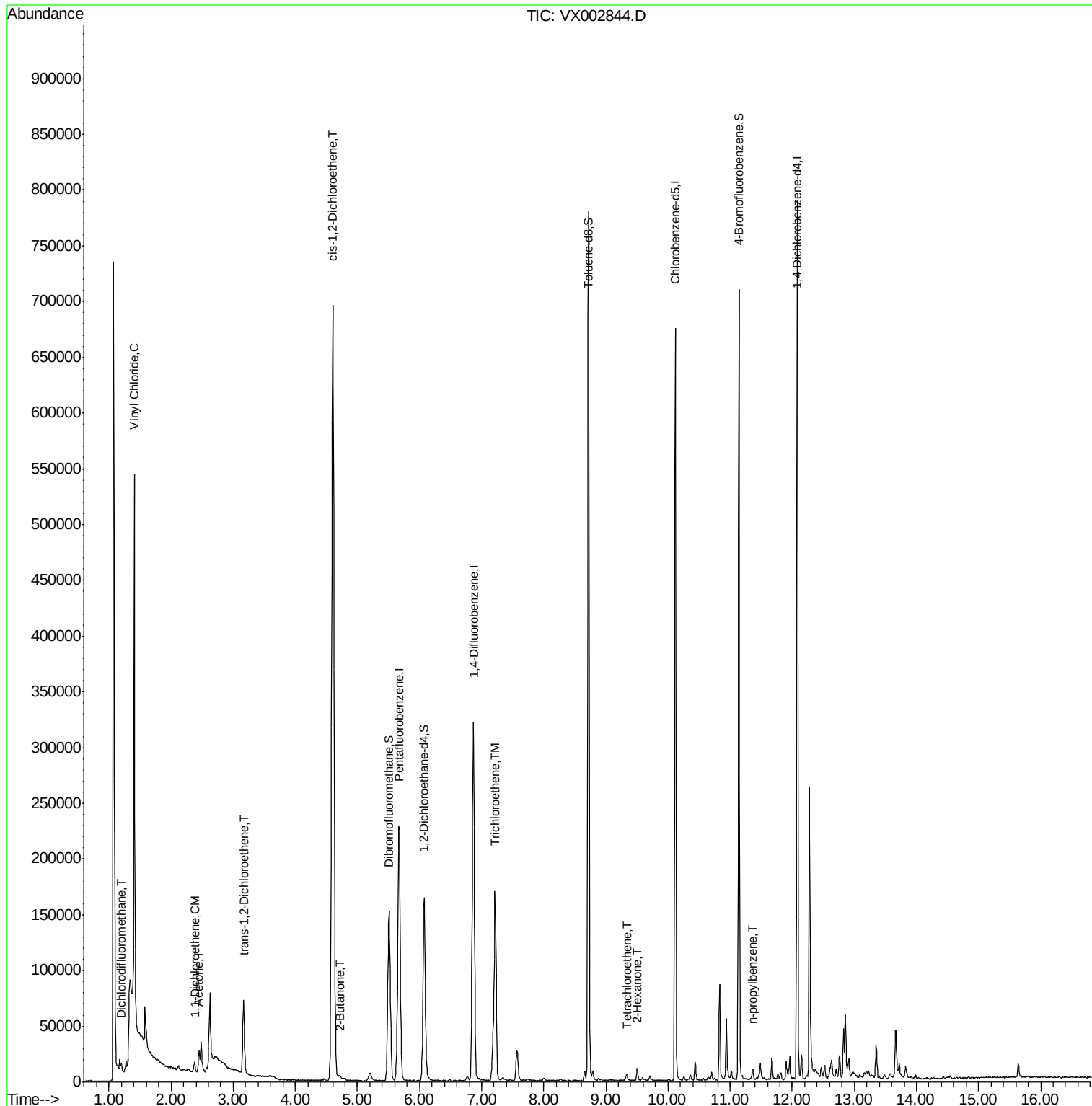
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	3875	1.596	ug/l	95
4) Vinyl Chloride	1.40	62	310042	103.440	ug/l	91
12) 1,1-Dichloroethene	2.37	96	2948	1.153	ug/l	89
16) Acetone	2.45	43	20082	13.096	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	26291	9.483	ug/l	99
25) 2-Butanone	4.71	43	4811	2.389	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	433096	153.523	ug/l	83
44) Trichloroethene	7.22	130	62685	21.525	ug/l	99
59) 2-Hexanone	9.50	43	6081	1.992	ug/l	95
64) Tetrachloroethene	9.34	164	1096	0.334	ug/l #	87
78) n-propylbenzene	11.37	91	5274	0.406	ug/l	99

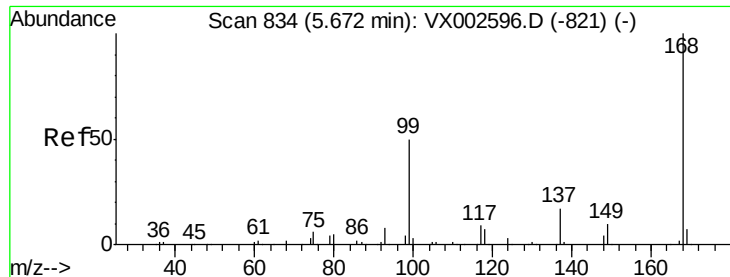
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

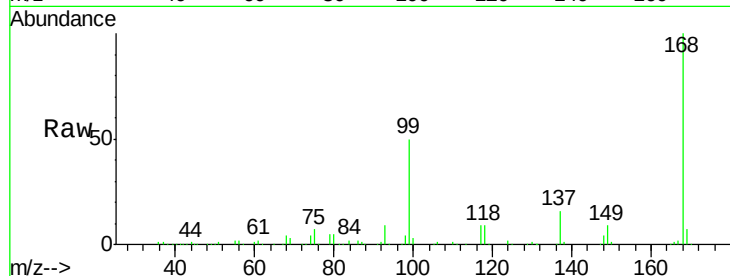
S32-0627

Tgt Ion:168 Resp: 228725

Ion Ratio Lower Upper

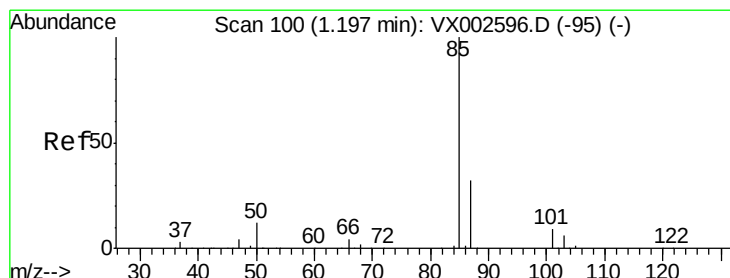
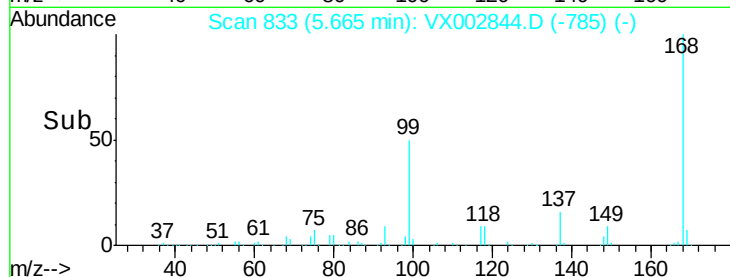
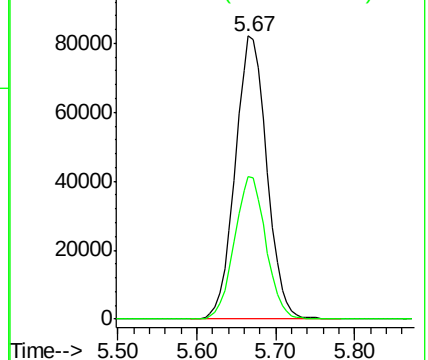
168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.596 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002844.D

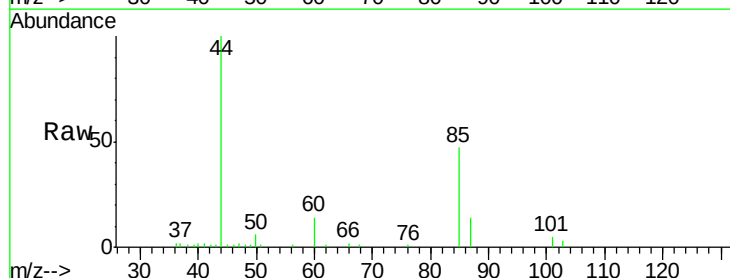
Acq: 22 Jun 2018 21:19

Tgt Ion: 85 Resp: 3875

Ion Ratio Lower Upper

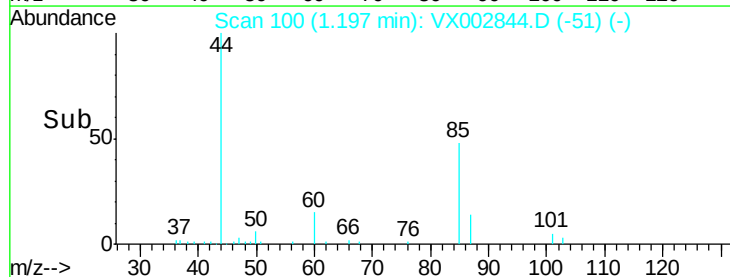
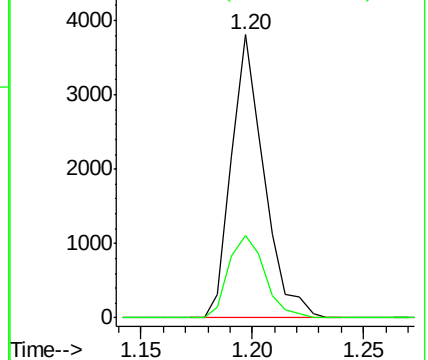
85 100

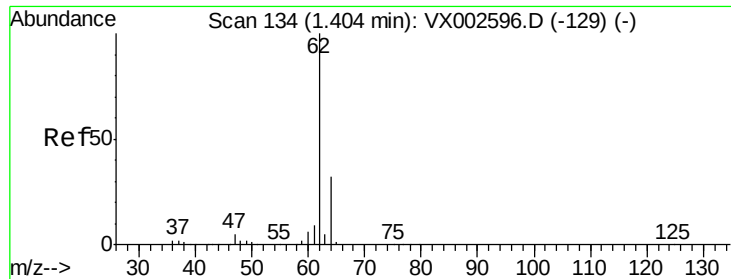
87 29.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 103.440 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampled :

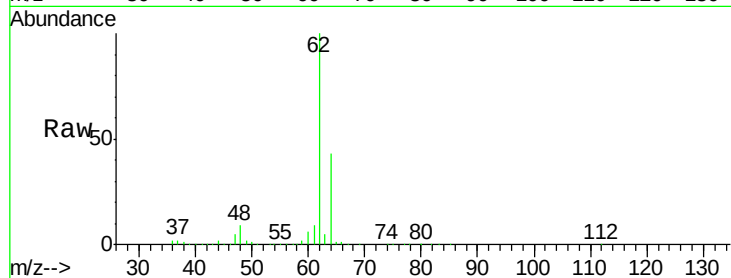
S32-0627

Tgt Ion: 62 Resp: 310042

Ion Ratio Lower Upper

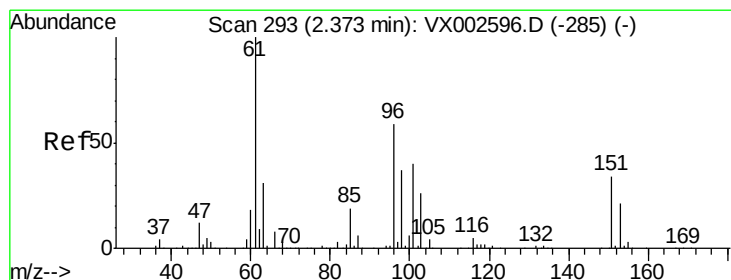
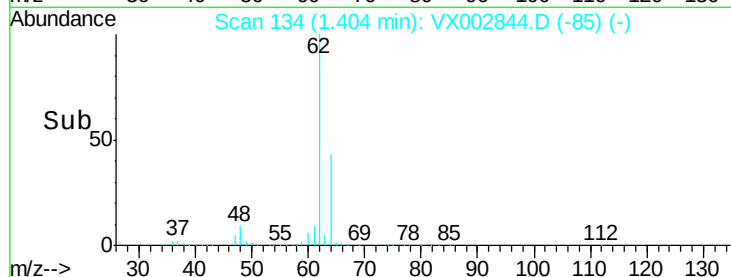
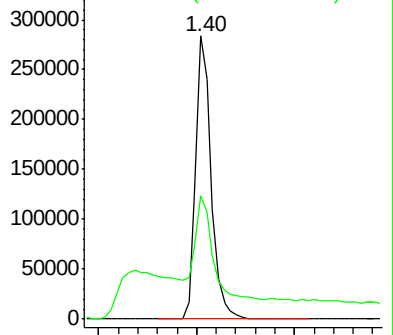
62 100

64 36.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 1.153 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

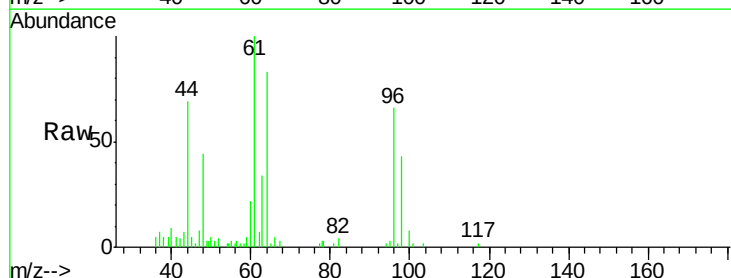
Tgt Ion: 96 Resp: 2948

Ion Ratio Lower Upper

96 100

61 151.8 137.9 206.9

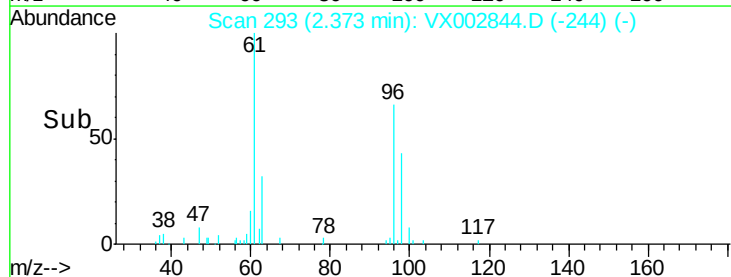
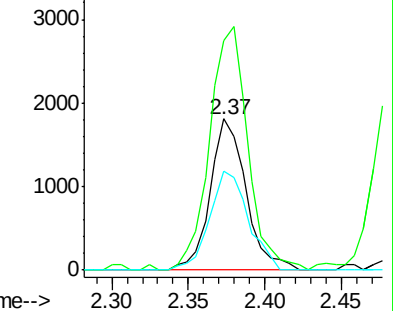
98 65.3 51.6 77.4

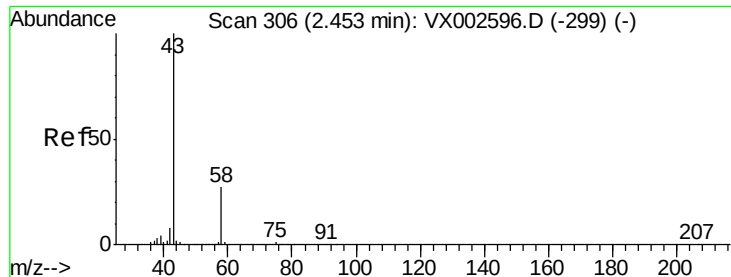


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 13.096 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

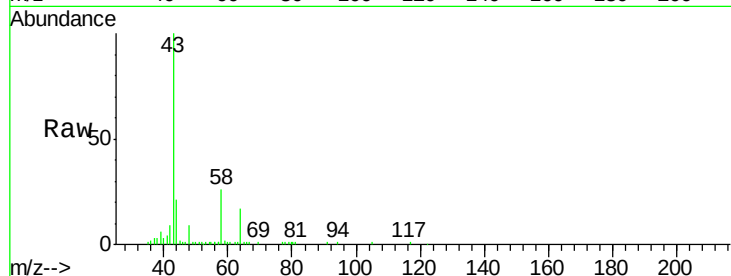
S32-0627

Tgt Ion: 43 Resp: 20082

Ion Ratio Lower Upper

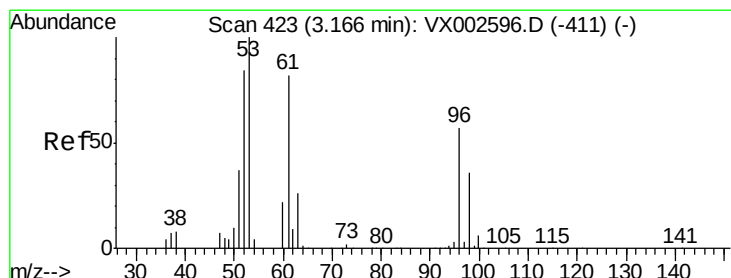
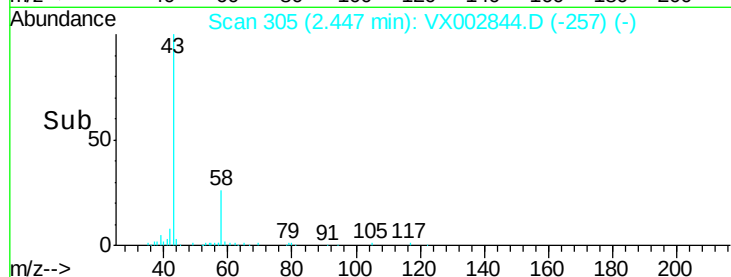
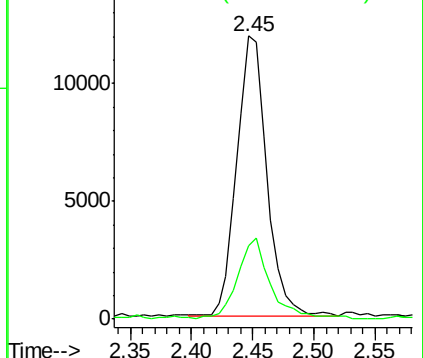
43 100

58 25.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 9.483 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

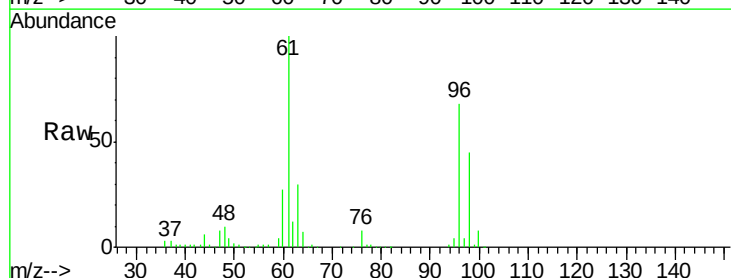
Tgt Ion: 96 Resp: 26291

Ion Ratio Lower Upper

96 100

61 147.2 117.0 175.4

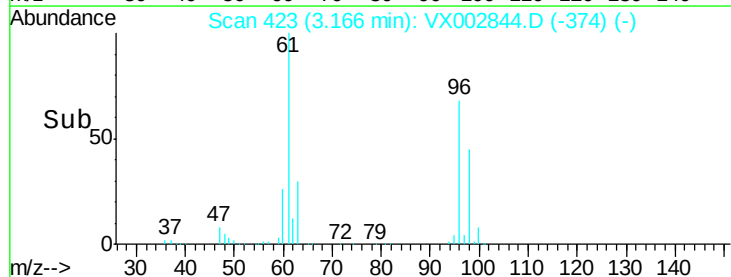
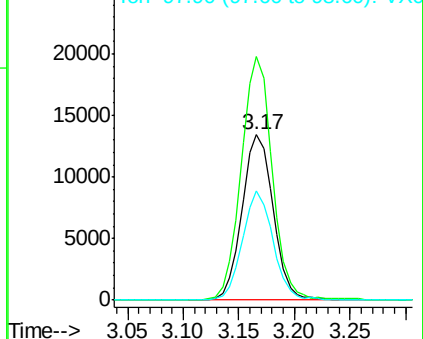
98 65.8 52.4 78.6

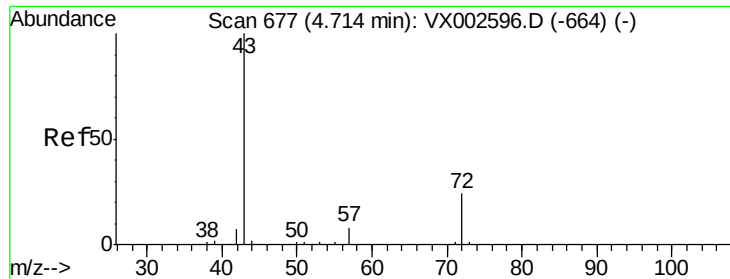


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 2.389 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

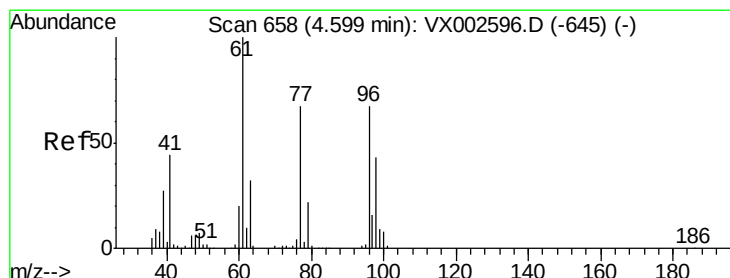
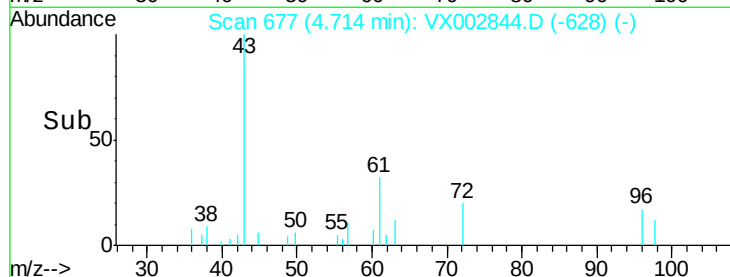
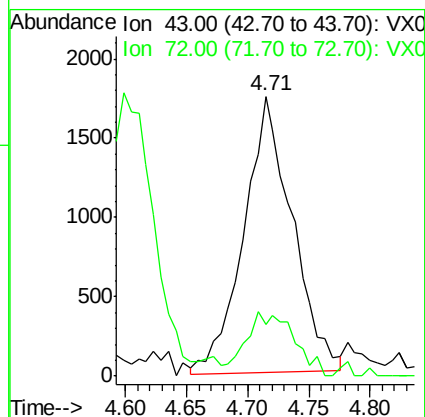
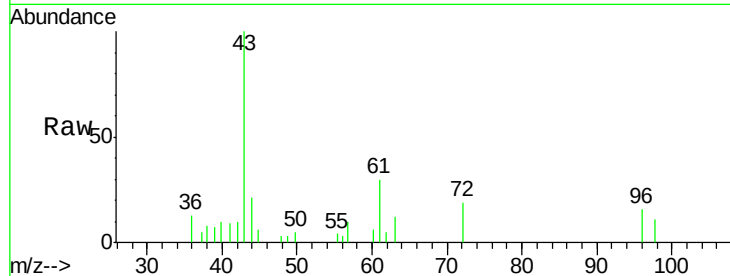
S32-0627

Tgt Ion: 43 Resp: 4811

Ion Ratio Lower Upper

43 100

72 16.2 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 153.523 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

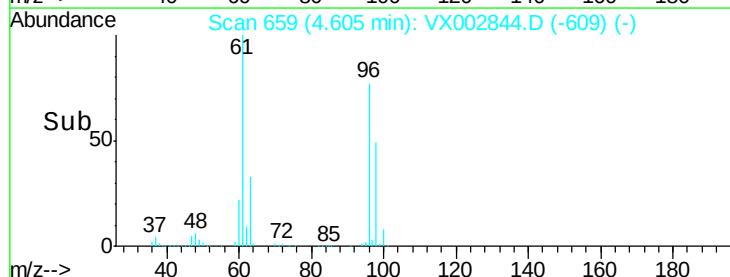
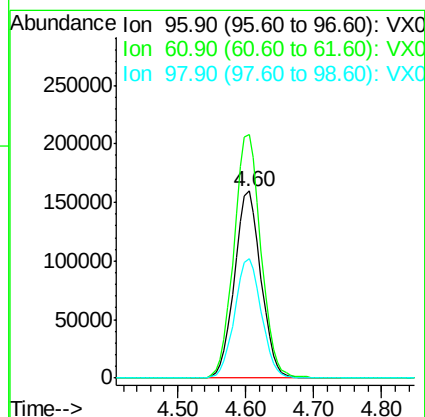
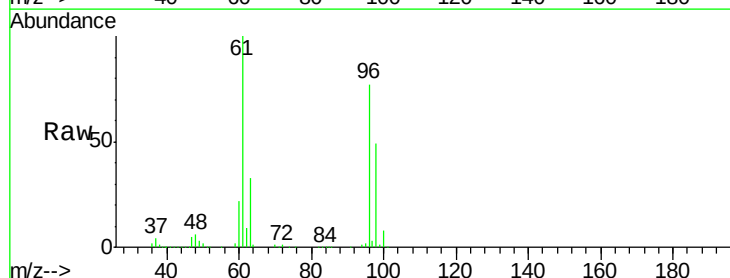
Tgt Ion: 96 Resp: 433096

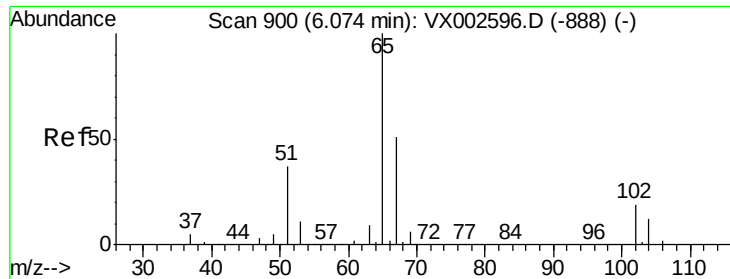
Ion Ratio Lower Upper

96 100

61 132.7 0.0 330.2

98 64.6 0.0 130.2

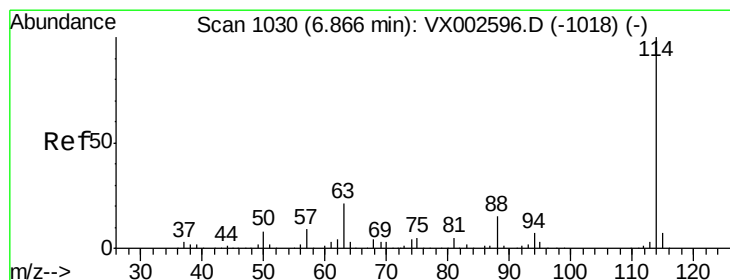
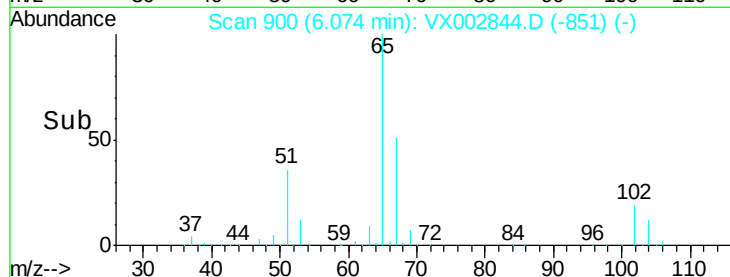
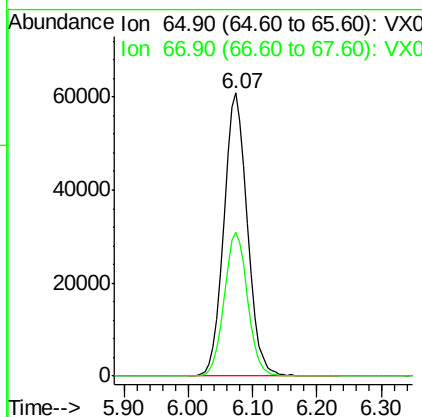
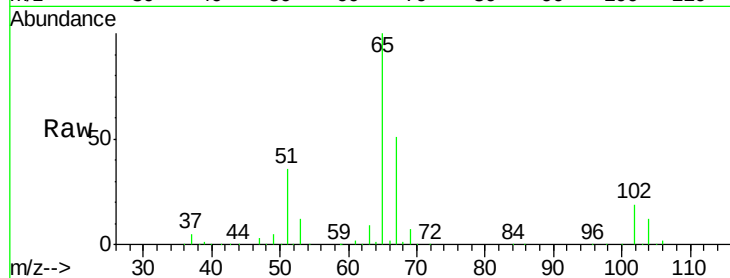




#33
 1,2-Dichloroethane-d4
 Concen: 45.185 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

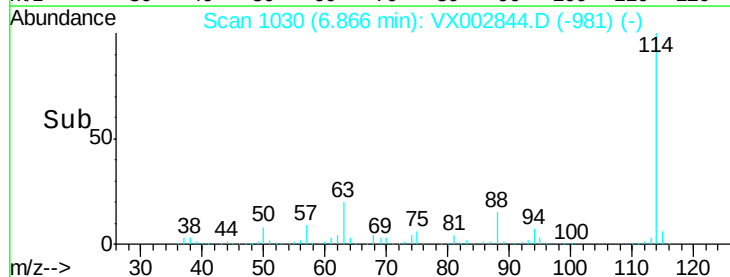
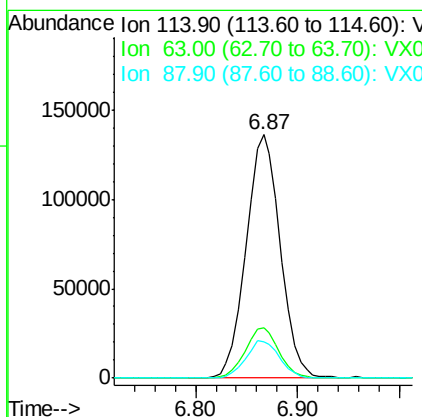
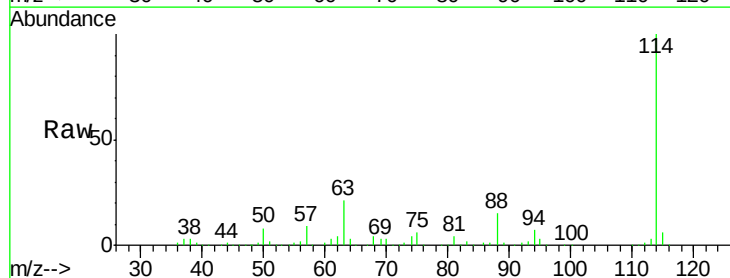
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0627

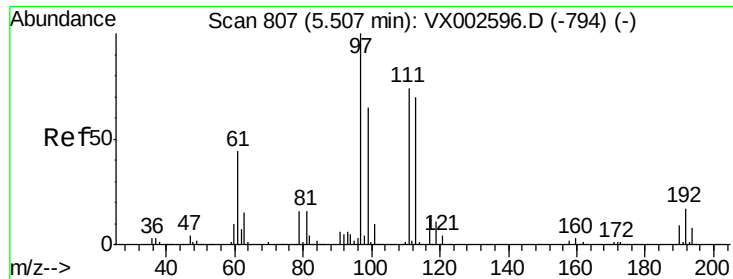
Tgt Ion: 65 Resp: 157053
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

Tgt Ion: 114 Resp: 316820
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.0 0.0 30.0

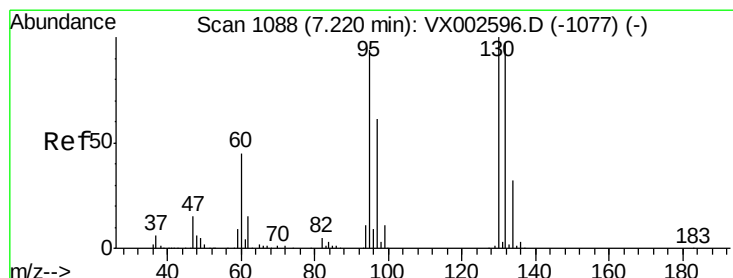
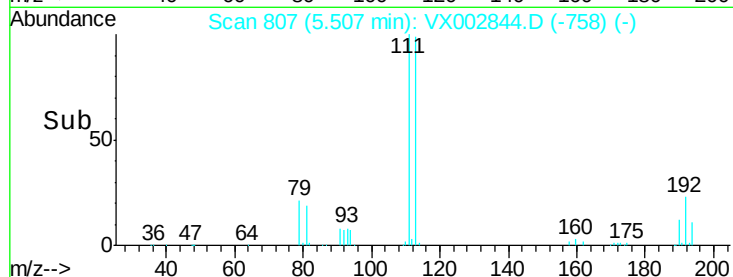
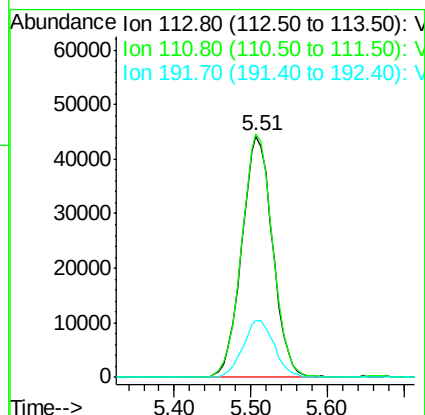
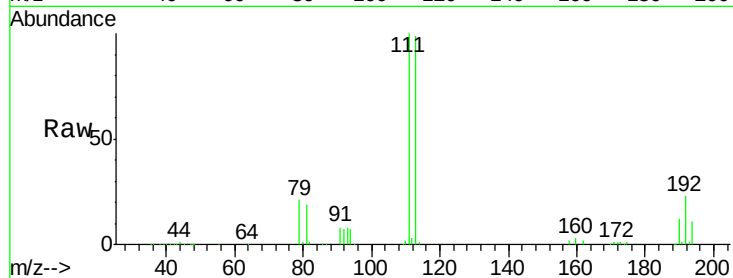




#35
 Dibromofluoromethane
 Concen: 48.878 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

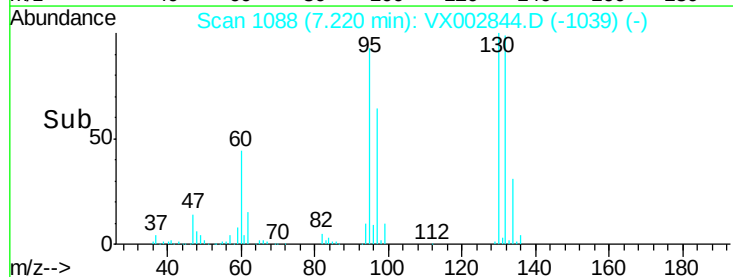
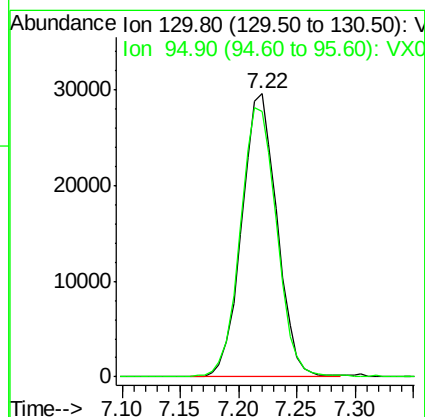
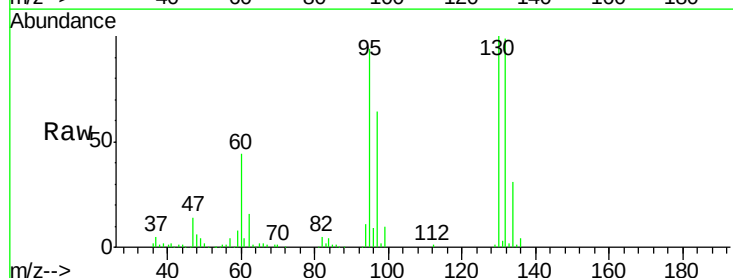
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0627

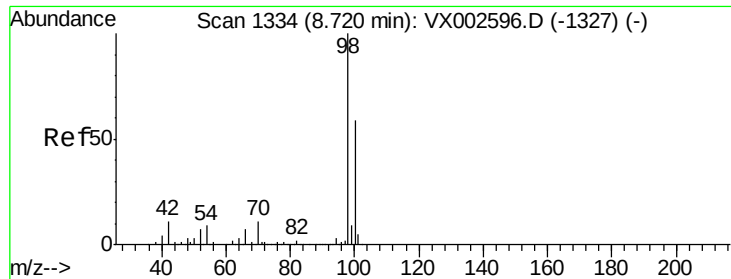
Tgt Ion:113 Resp: 123590
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.1 19.1 28.7



#44
 Trichloroethene
 Concen: 21.525 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

Tgt Ion:130 Resp: 62685
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 185.4

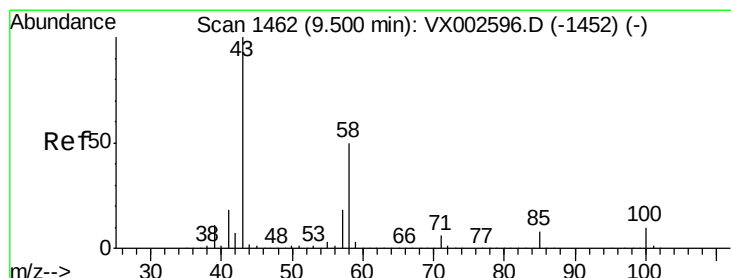
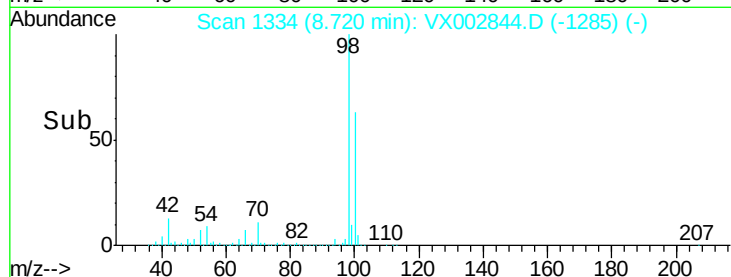
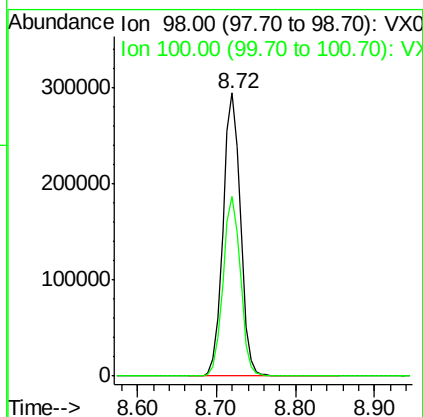
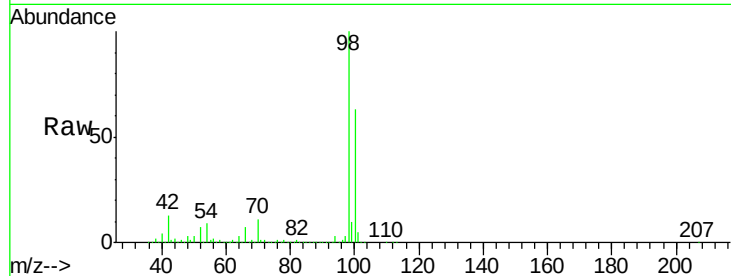




#50
Toluene-d8
Concen: 47.097 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

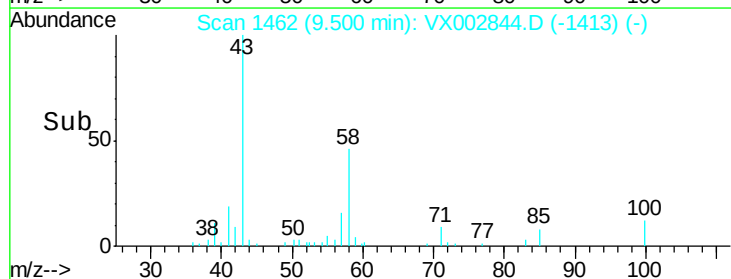
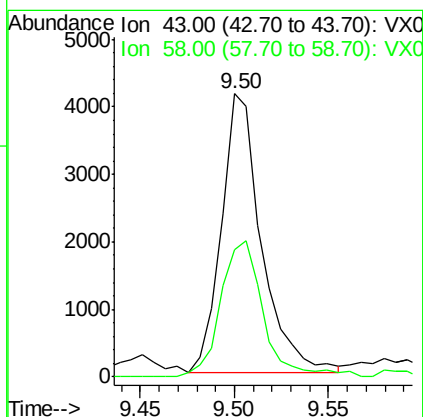
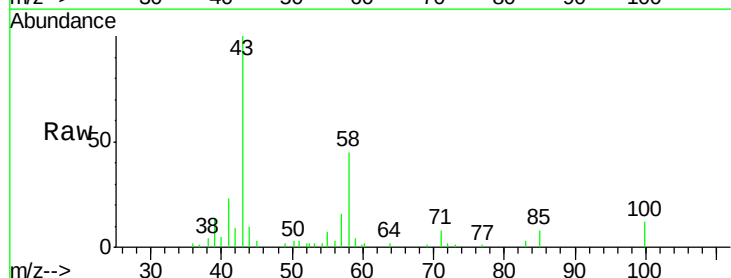
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

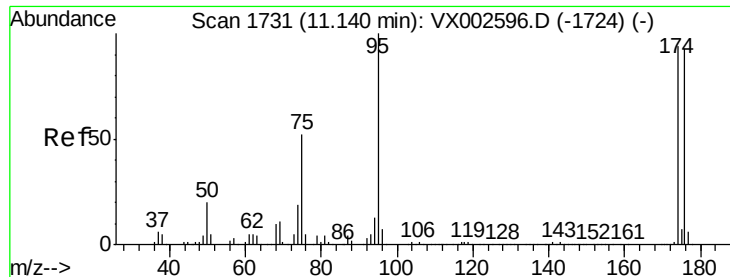
Tgt Ion: 98 Resp: 452168
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#59
2-Hexanone
Concen: 1.992 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Tgt Ion: 43 Resp: 6081
Ion Ratio Lower Upper
43 100
58 52.2 24.6 73.6

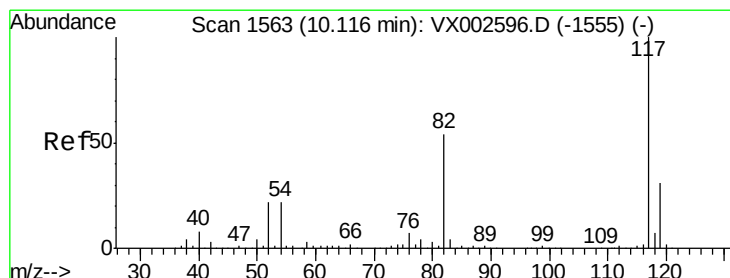
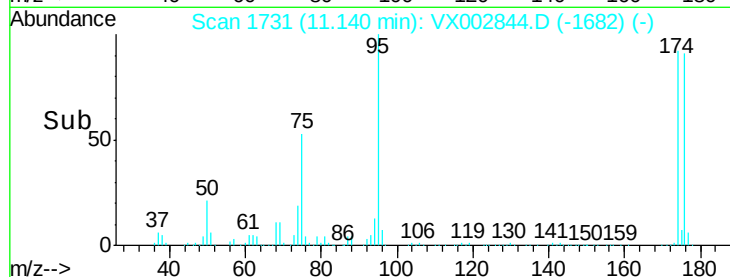
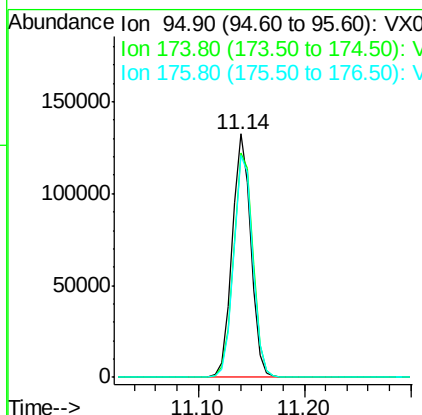
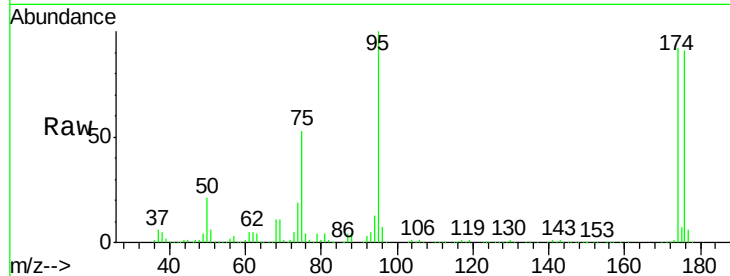




#62
4-Bromofluorobenzene
Concen: 44.852 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
S32-0627

Tgt Ion: 95 Resp: 163175
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.4
176 93.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Tgt Ion: 117 Resp: 295193
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.3 25.8 38.6

