

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 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: Jun 23 00:27:07 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	1.60	ug/l	95
3) Chloromethane	1.32	50	3420	1.18	ug/l #	63
4) Vinyl Chloride	1.40	62	310042	103.44	ug/l	91
5) Bromomethane	1.65	94	1303	0.72	ug/l #	77
10) Methyl Iodide	2.51	142	1206	5.48	ug/l #	90
11) Tert butyl alcohol	3.07	59	854	1.19	ug/l #	85
12) 1,1-Dichloroethene	2.37	96	2948	1.15	ug/l	89
13) Acrolein	2.31	56	218	7.49	ug/l #	60
14) Allyl chloride	2.72	41	1452	0.29	ug/l #	1
16) Acetone	2.45	43	20082	13.10	ug/l	97
17) Carbon Disulfide	2.57	76	7237	1.19	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	26291	9.48	ug/l	99
25) 2-Butanone	4.71	43	4811	2.39	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	433096	153.52	ug/l	83
29) Tetrahydrofuran	5.17	42	1888	1.43	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	15803	4.70	ug/l #	51
38) Carbon Tetrachloride	5.67	117	20627	6.16	ug/l #	15
44) Trichloroethene	7.22	130	62685	21.53	ug/l	99
49) 1,4-Dioxane	7.49	88	20	0.33	ug/l #	22
51) 4-Methyl-2-Pentanone	8.66	43	2420	0.60	ug/l	97
52) Toluene	8.79	92	1784	0.28	ug/l	97
53) t-1,3-Dichloropropene	8.37	75	19	2.40	ug/l #	43
54) cis-1,3-Dichloropropene	9.04	75	22	3.22	ug/l #	49
59) 2-Hexanone	9.50	43	6081	1.99	ug/l	95
60) Dibromochloromethane	9.34	129	997	4.08	ug/l #	11
64) Tetrachloroethene	9.34	164	1096	0.33	ug/l #	87
68) m/p-Xylenes	10.36	106	1036	0.22	ug/l	98
69) o-Xylene	10.71	106	1420	0.31	ug/l	89
73) Isopropylbenzene	11.02	105	3201	0.28	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	86139	26.97	ug/l #	33
78) n-propylbenzene	11.37	91	5274	0.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	86139	83.25	ug/l #	7
85) sec-Butylbenzene	11.95	105	4178	0.36	ug/l #	74
89) n-Butylbenzene	12.39	91	1878	0.21	ug/l #	71

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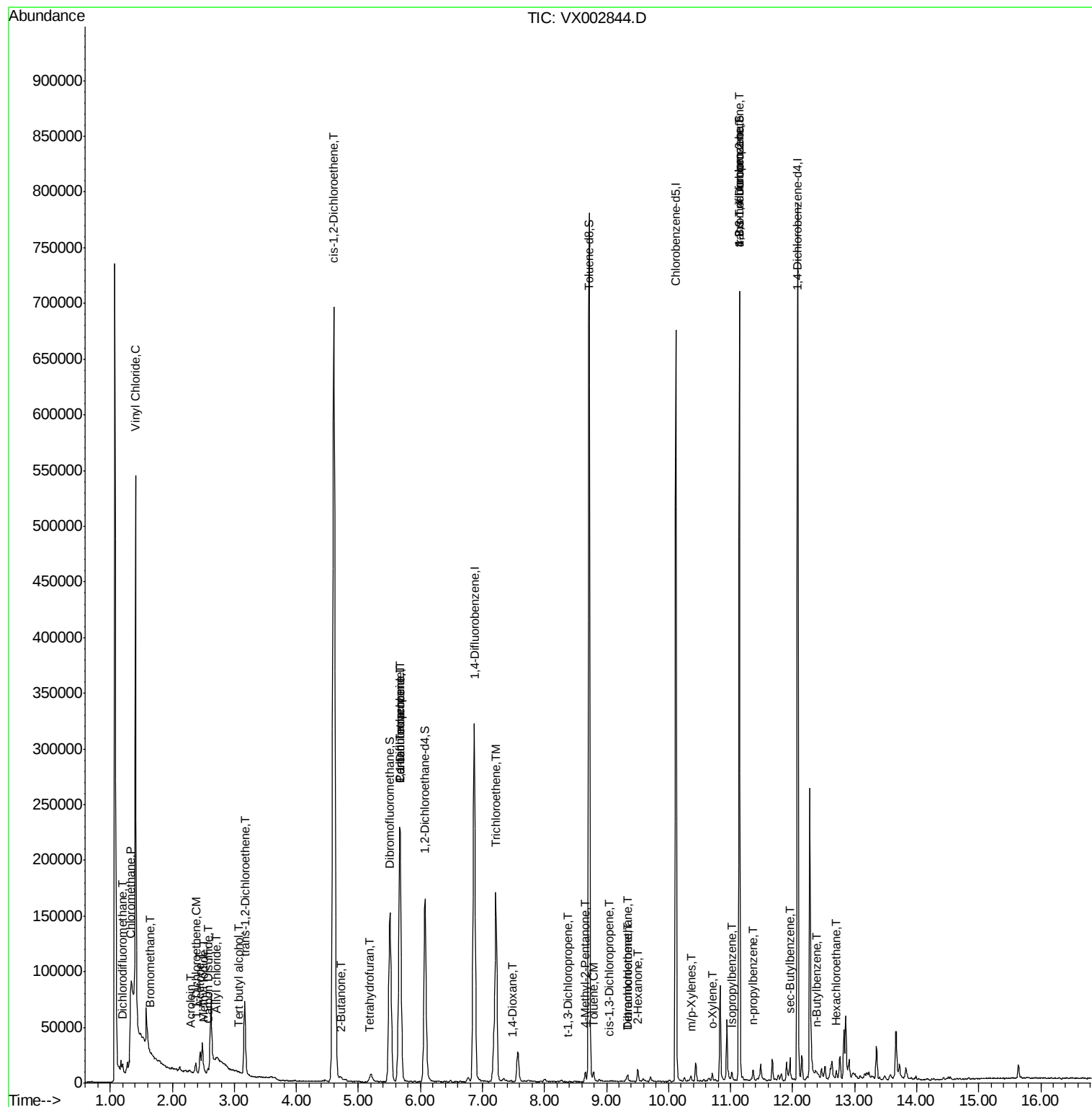
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.71	117	2241	3.94	ug/l #	1

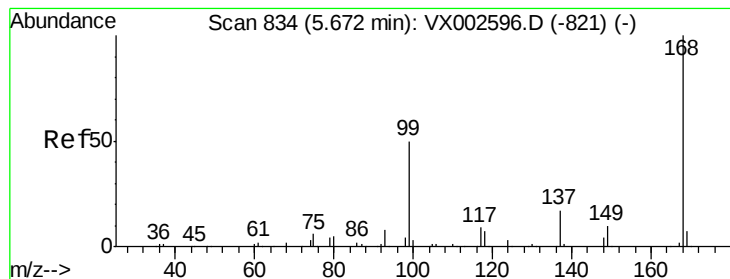
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 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 :

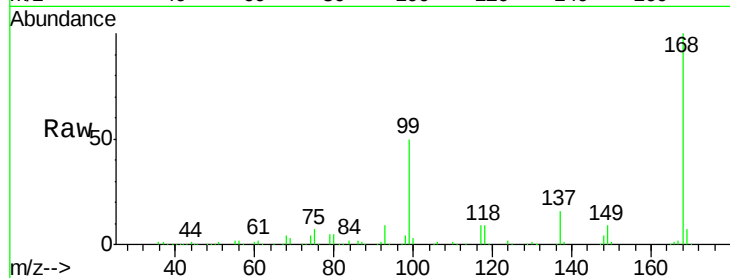
S32-0627

Tot 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

5.67

80000

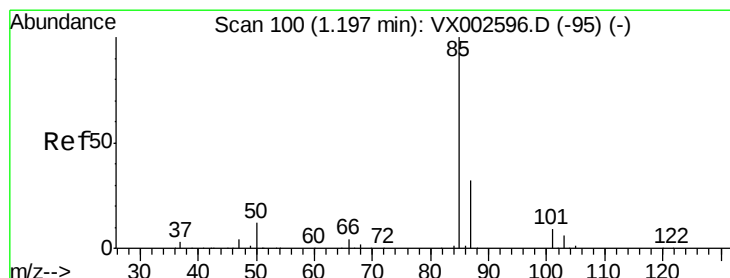
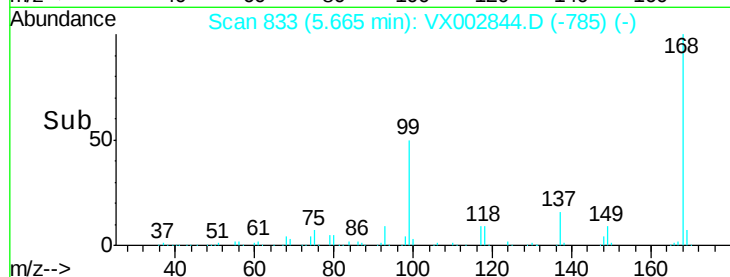
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.60 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002844.D

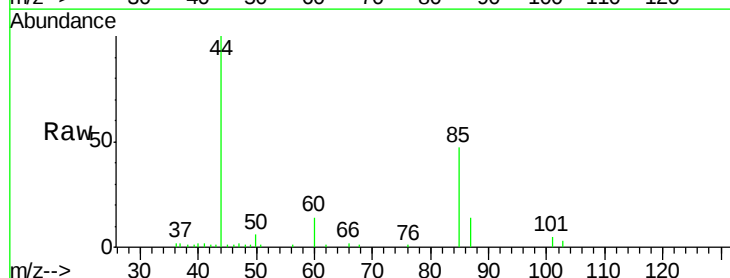
Acq: 22 Jun 2018 21:19

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

1.20

4000

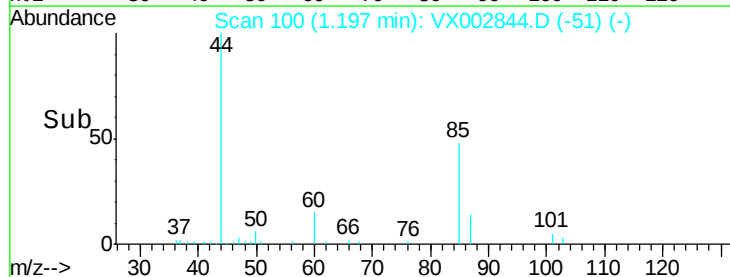
3000

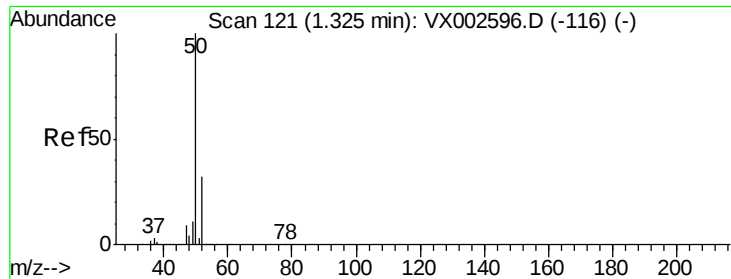
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

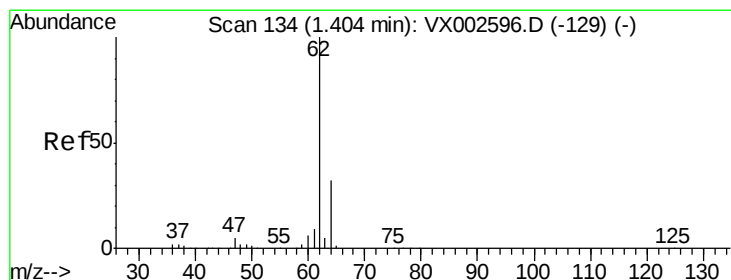
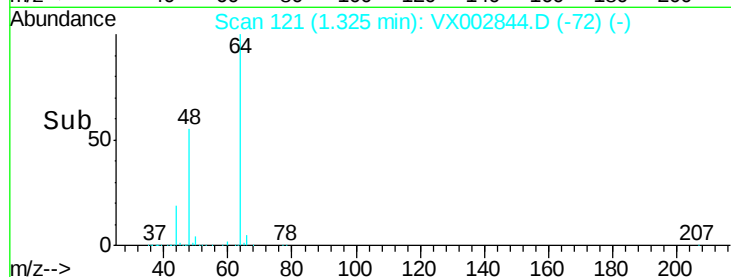
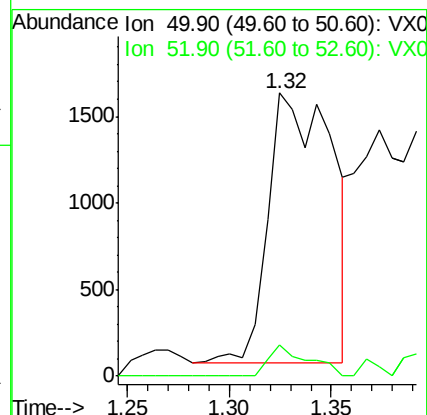
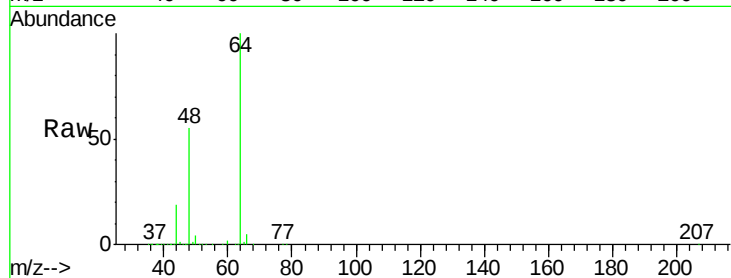
S32-0627

Tot Ion: 50 Resp: 3420

Ion Ratio Lower Upper

50 100

52 11.7 25.7 38.5#



#4

Vinyl Chloride

Concen: 103.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002844.D

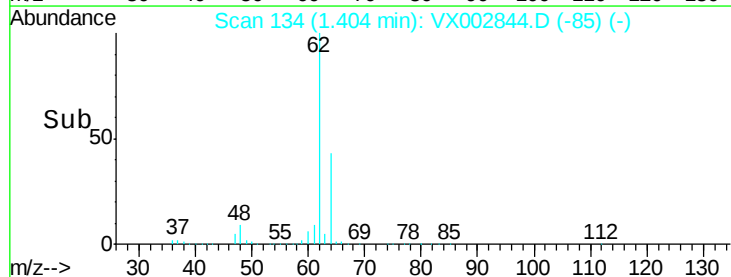
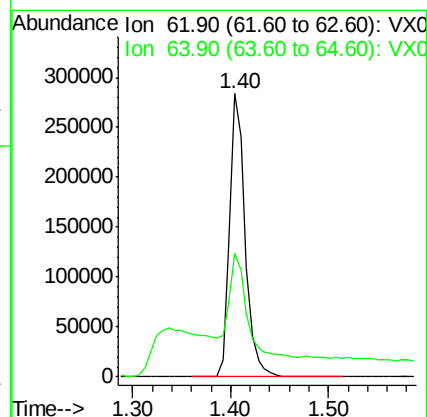
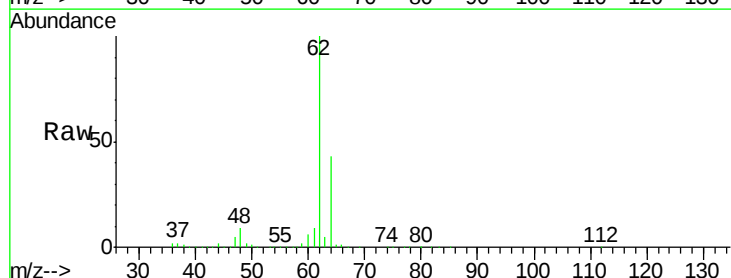
Acq: 22 Jun 2018 21:19

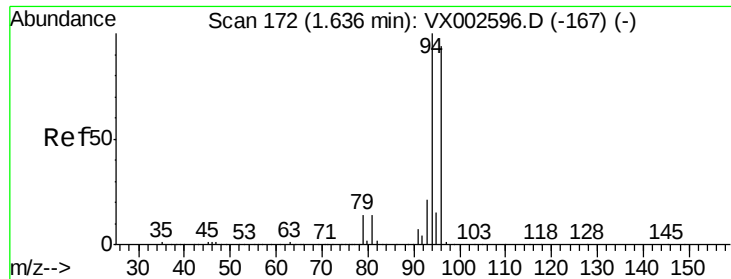
Tgt Ion: 62 Resp: 310042

Ion Ratio Lower Upper

62 100

64 36.7 25.4 38.2





#5

Bromomethane

Concen: 0.72 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampled :

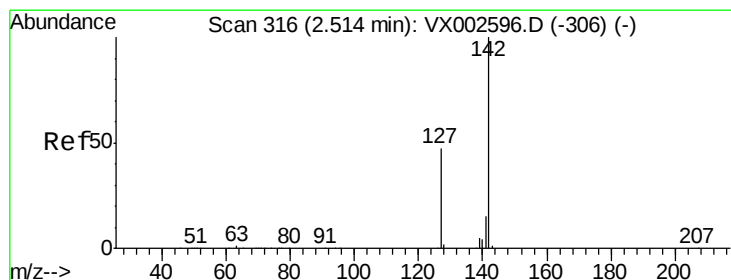
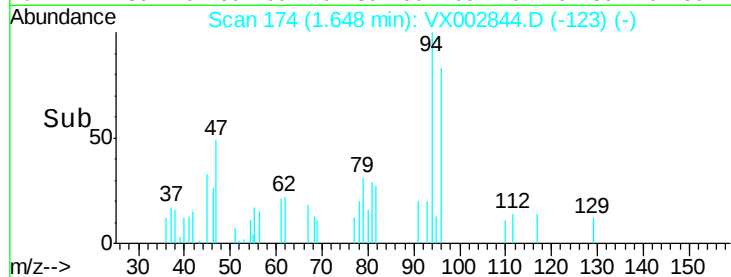
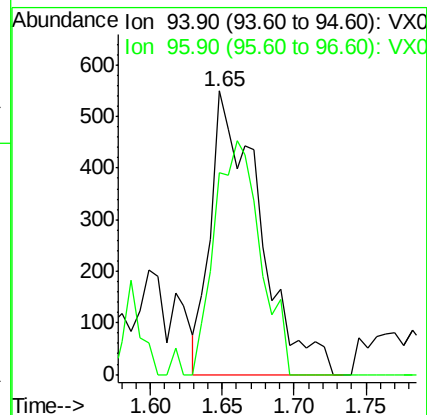
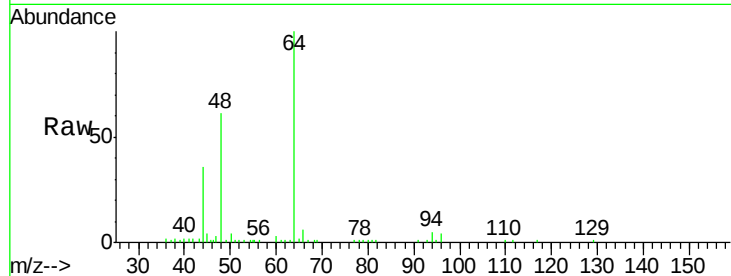
S32-0627

Tot Ion: 94 Resp: 1303

Ion Ratio Lower Upper

94 100

96 71.4 74.9 112.3#



#10

Methyl Iodide

Concen: 5.48 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

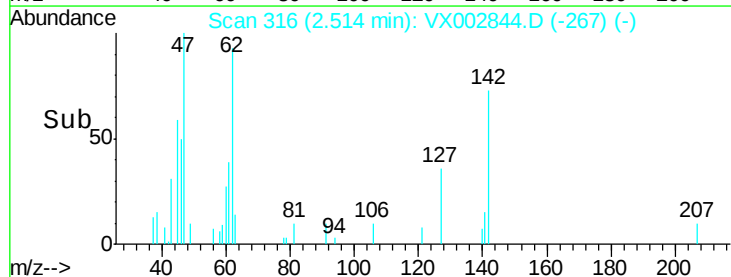
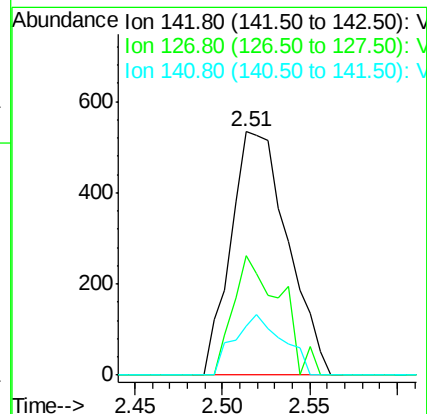
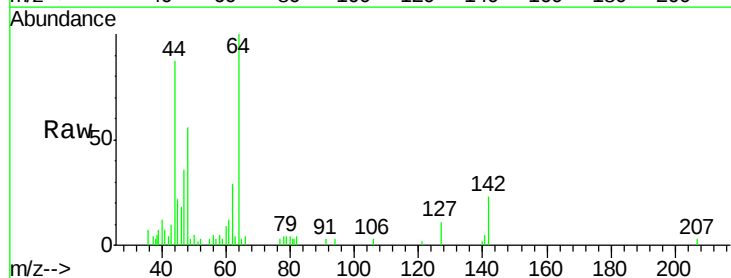
Tgt Ion:142 Resp: 1206

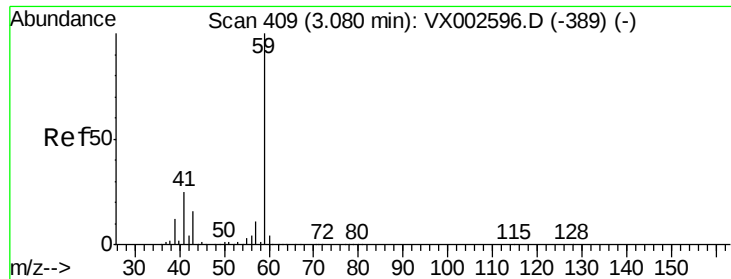
Ion Ratio Lower Upper

142 100

127 40.7 36.6 55.0

141 21.4 11.3 16.9#

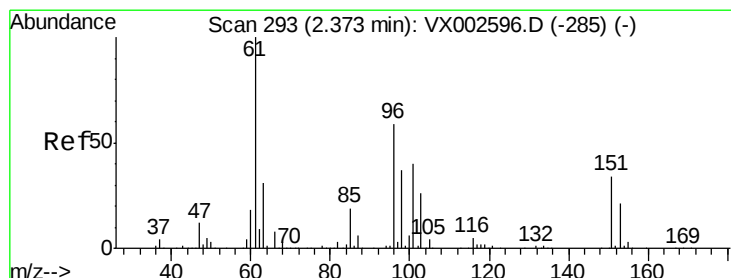
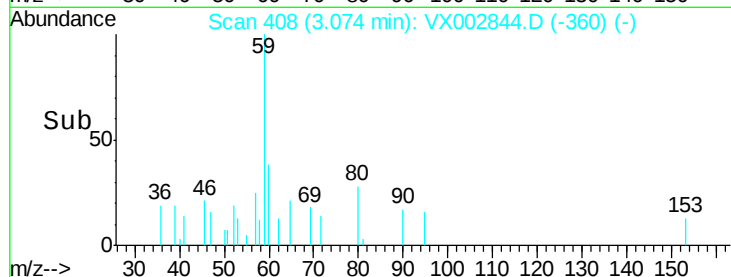
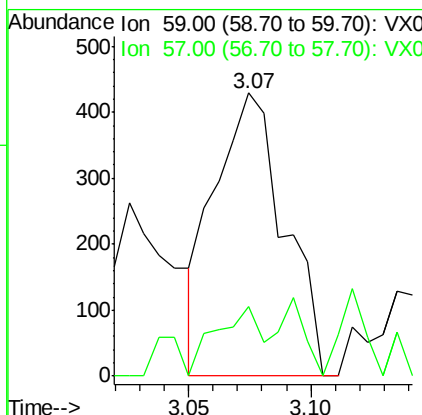
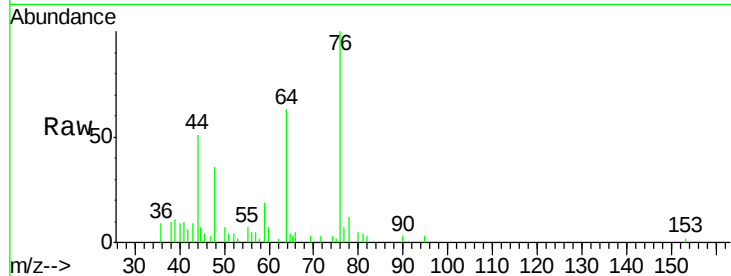




#11
Tert butyl alcohol
Concen: 1.19 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

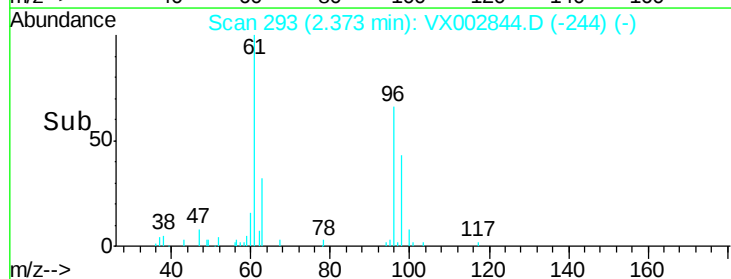
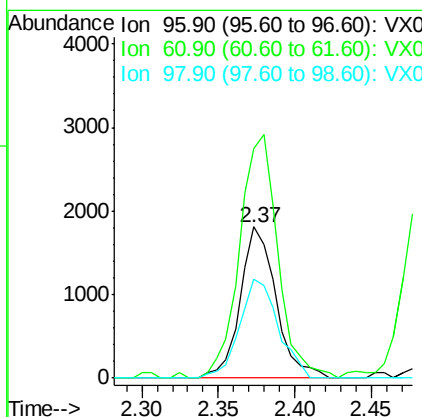
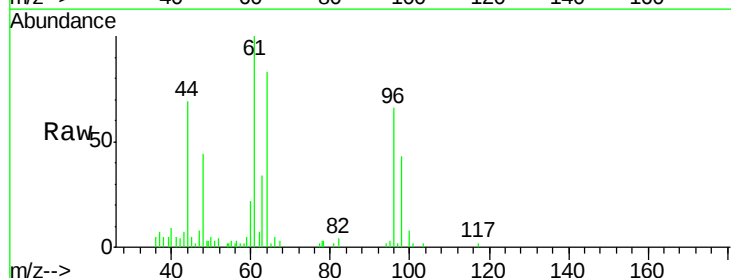
Instrument :
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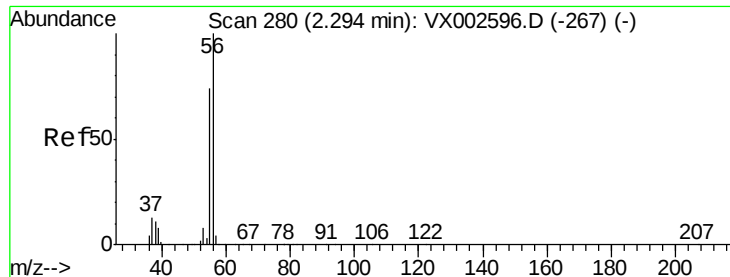
Tot Ion: 59 Resp: 854
Ion Ratio Lower Upper
59 100
57 15.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.15 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





#13

Acrolein

Concen: 7.49 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

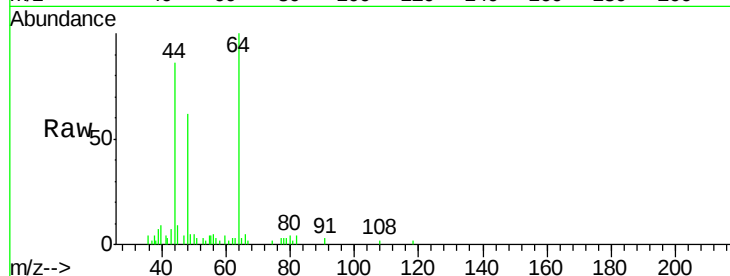
S32-0627

Tot Ion: 56 Resp: 218

Ion Ratio Lower Upper

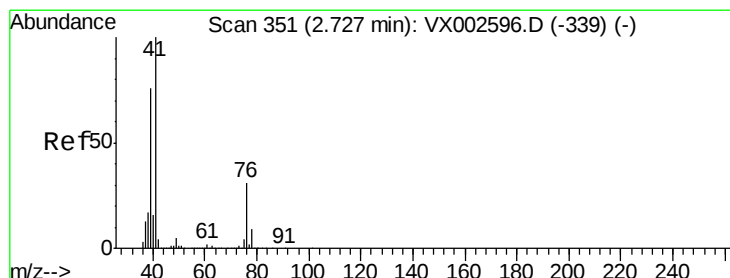
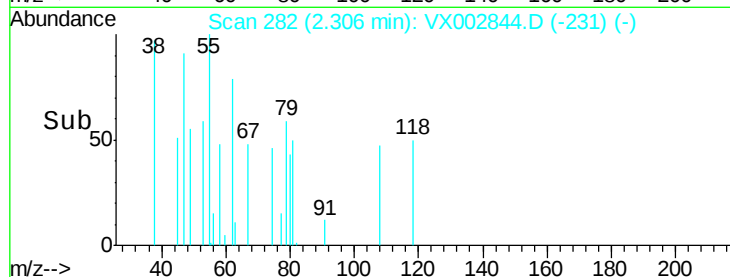
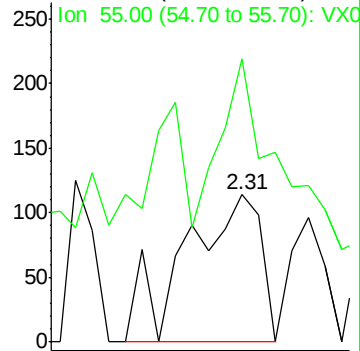
56 100

55 104.1 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.29 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

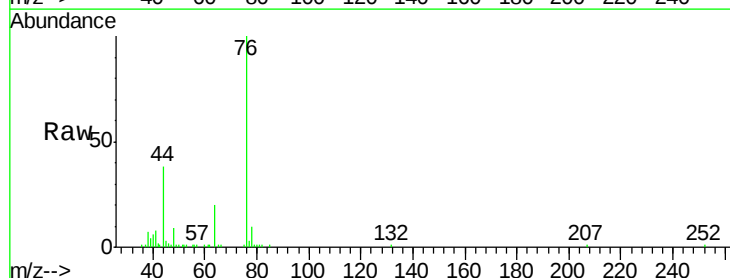
Tgt Ion: 41 Resp: 1452

Ion Ratio Lower Upper

41 100

39 37.4 56.8 85.2#

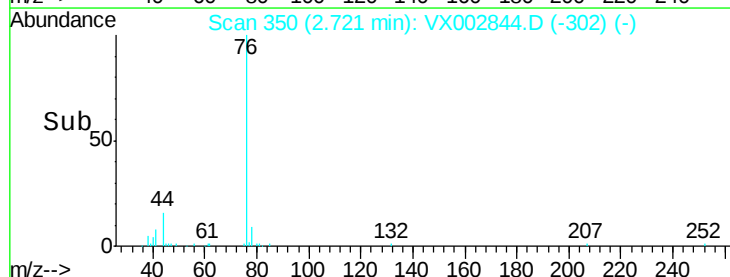
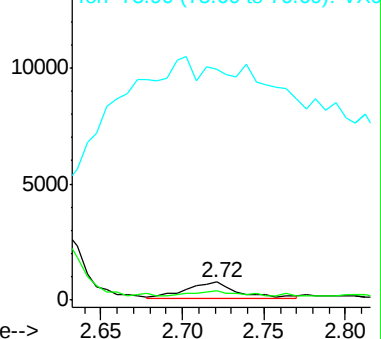
76 2541.5 23.8 35.8#

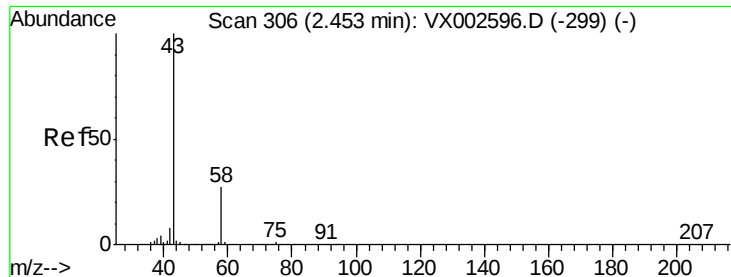


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 13.10 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 :

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ClientSampleId :

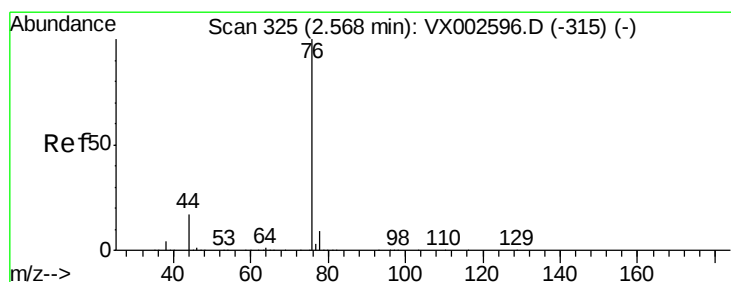
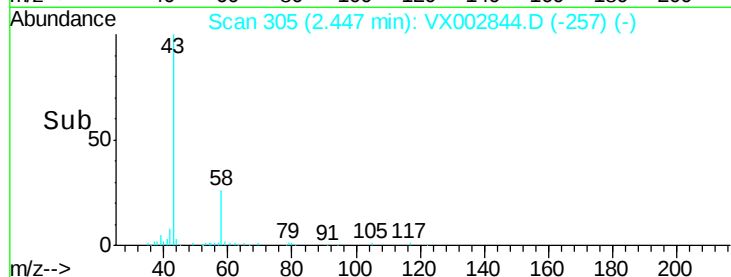
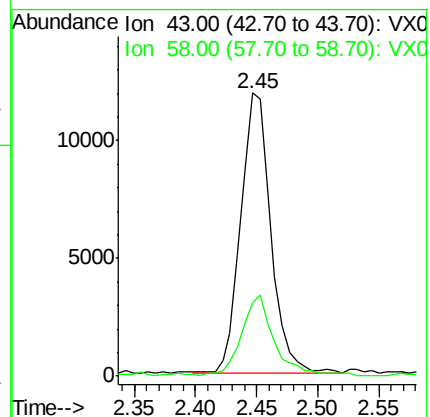
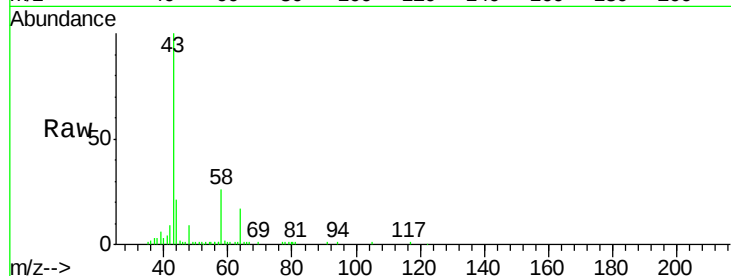
S32-0627

Tot Ion: 43 Resp: 20082

Ion Ratio Lower Upper

43 100

58 25.9 22.1 33.1



#17

Carbon Disulfide

Concen: 1.19 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002844.D

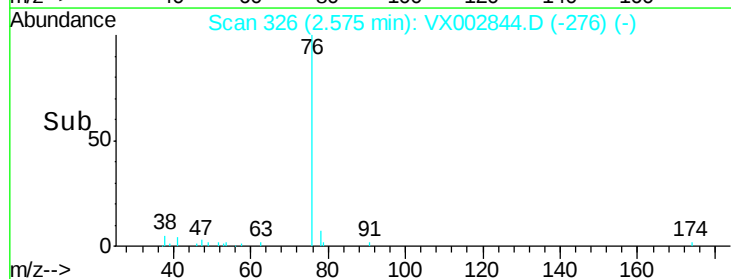
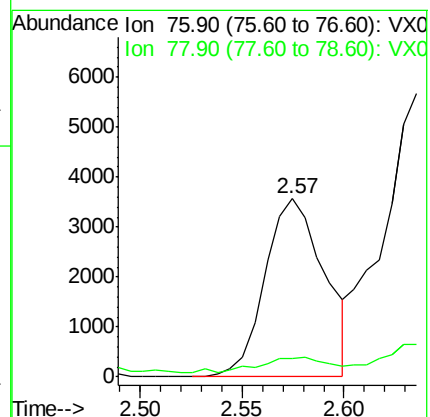
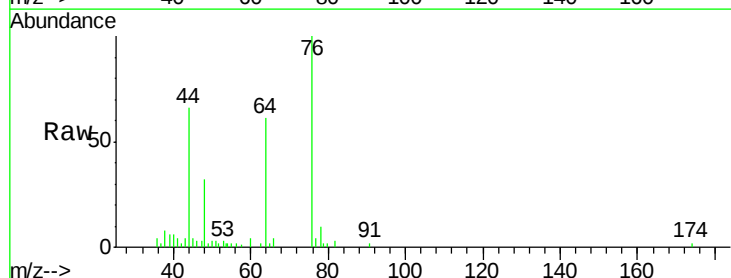
Acq: 22 Jun 2018 21:19

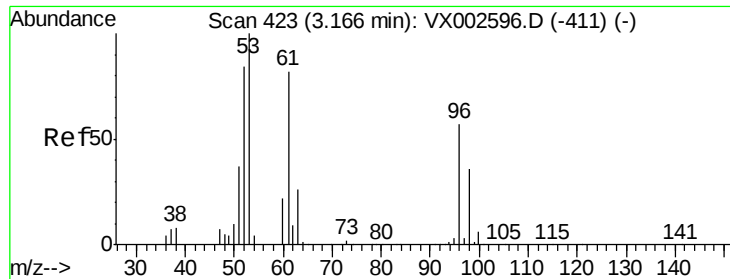
Tgt Ion: 76 Resp: 7237

Ion Ratio Lower Upper

76 100

78 7.9 6.9 10.3





#21

trans-1,2-Dichloroethene

Concen: 9.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampled :

S32-0627

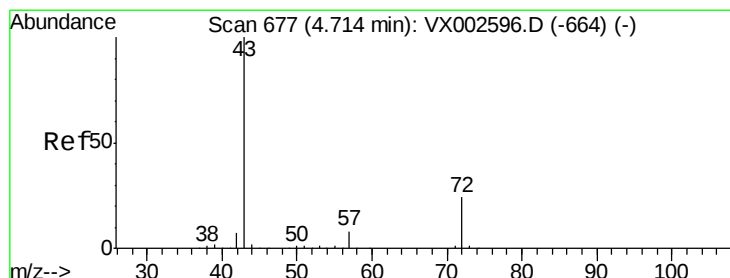
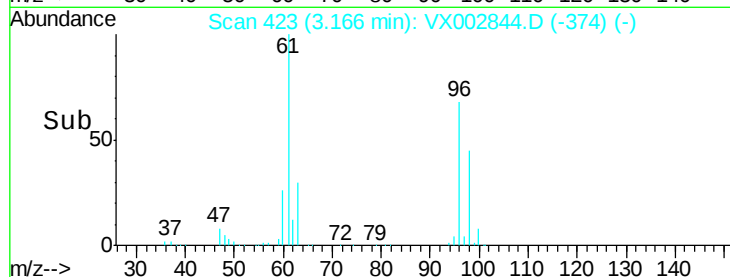
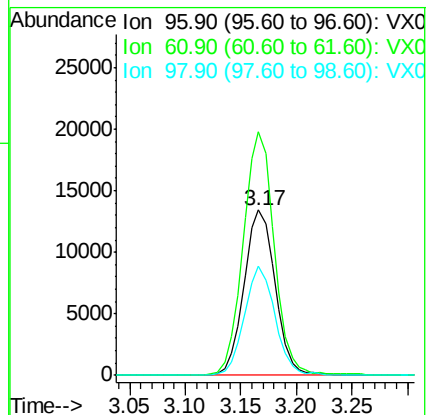
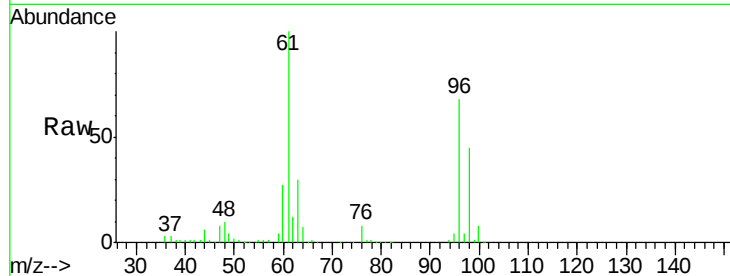
Tot Ion: 96 Resp: 26291

Ion Ratio Lower Upper

96 100

61 147.2 117.0 175.4

98 65.8 52.4 78.6



#25

2-Butanone

Concen: 2.39 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002844.D

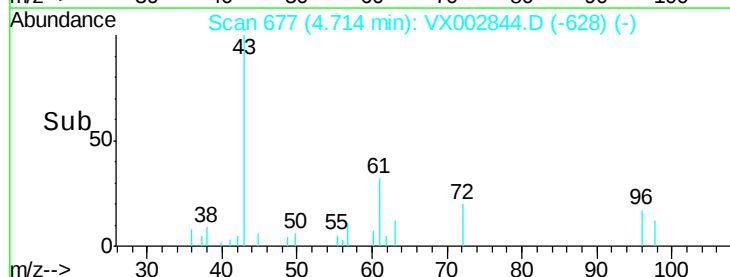
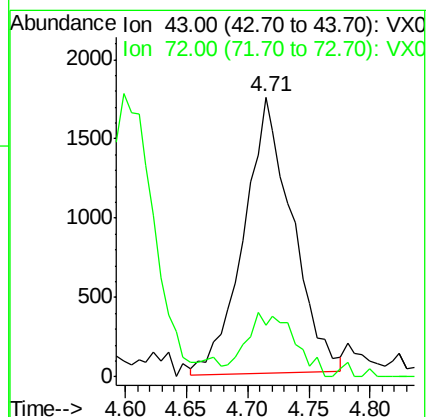
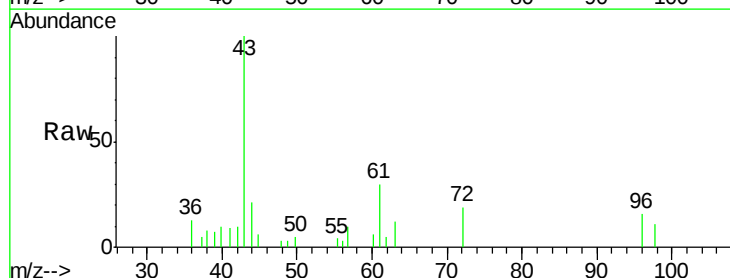
Acq: 22 Jun 2018 21:19

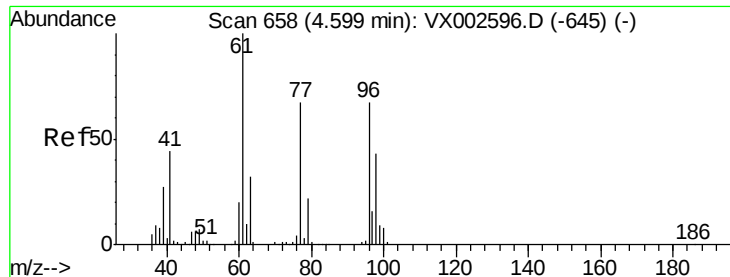
Tgt Ion: 43 Resp: 4811

Ion Ratio Lower Upper

43 100

72 16.2 18.5 27.7#





#27

cis-1,2-Dichloroethene

Concen: 153.52 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

S32-0627

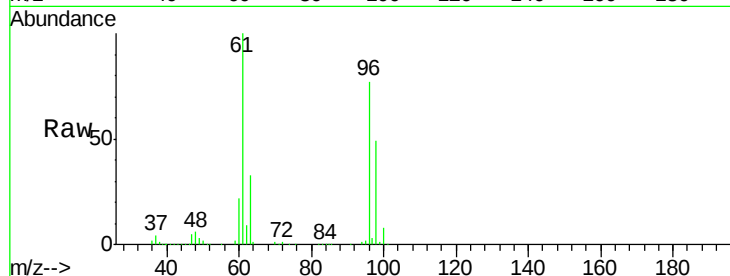
Tot Ion: 96 Resp: 433096

Ion Ratio Lower Upper

96 100

61 132.7 0.0 330.2

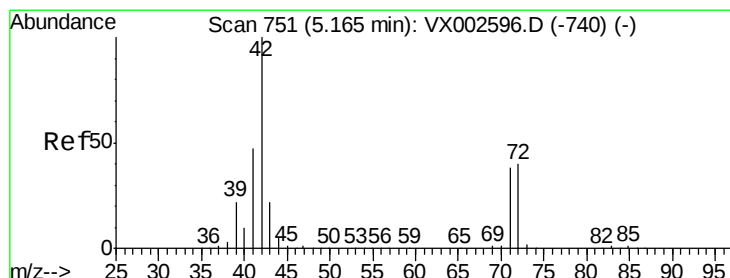
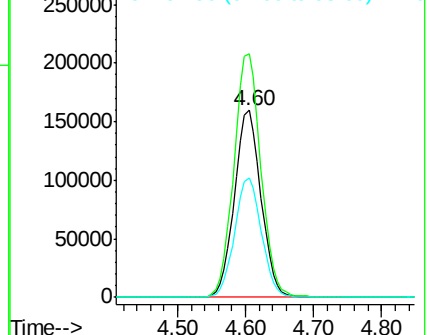
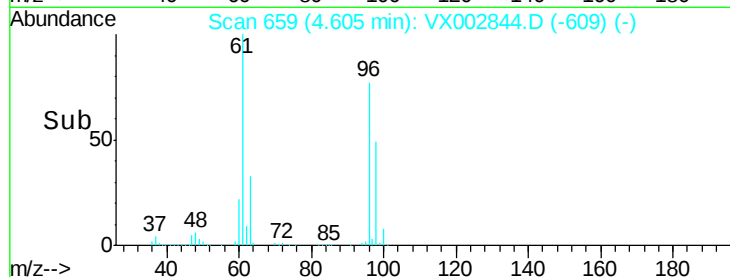
98 64.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 1.43 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

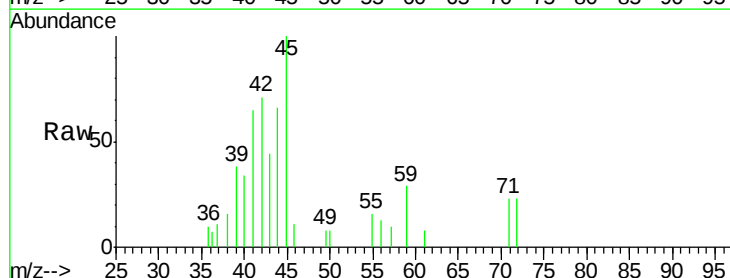
Tgt Ion: 42 Resp: 1888

Ion Ratio Lower Upper

42 100

72 4.2 32.0 48.0#

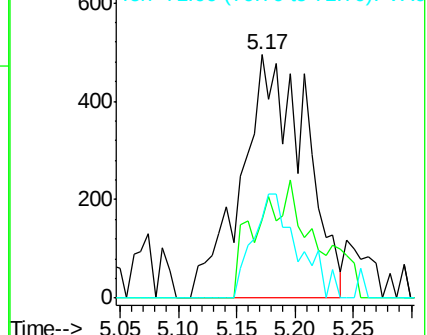
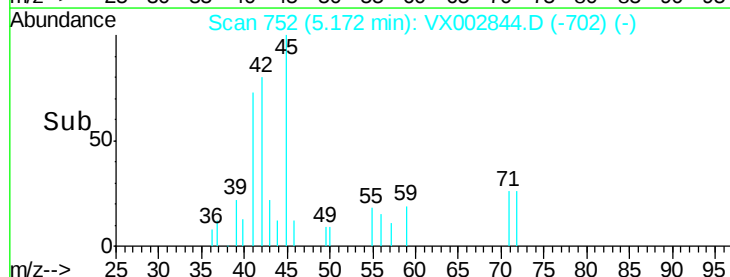
71 30.0 30.1 45.1#

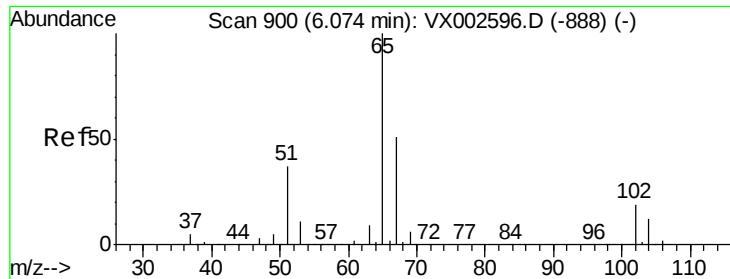


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

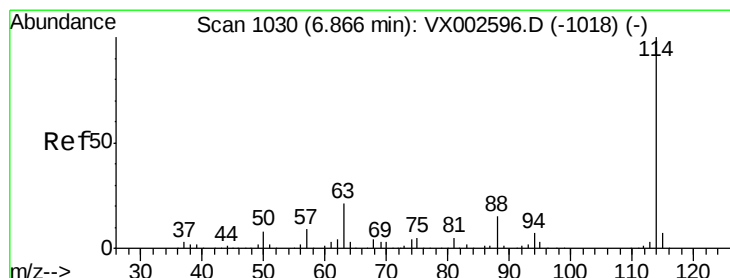
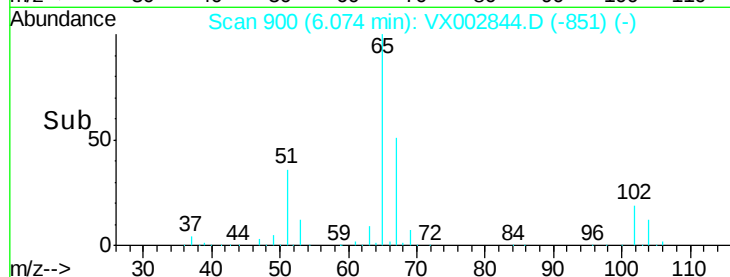
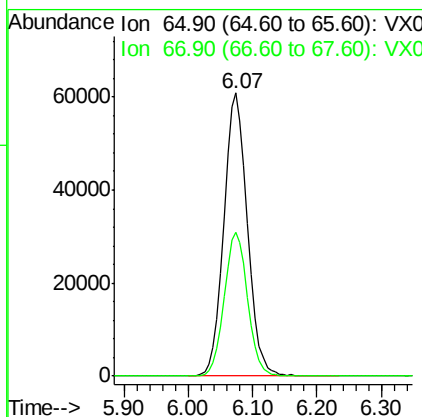
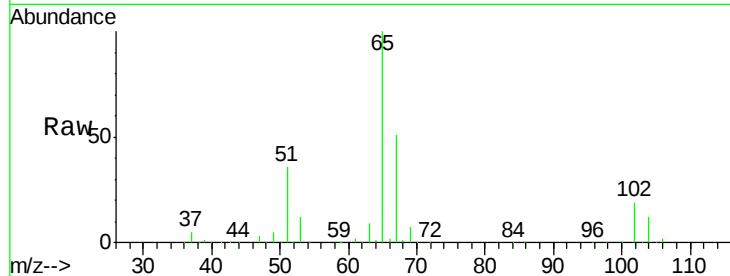




#33
 1,2-Dichloroethane-d4
 Concen: 45.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

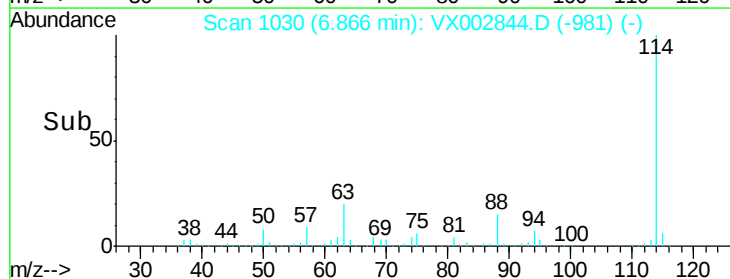
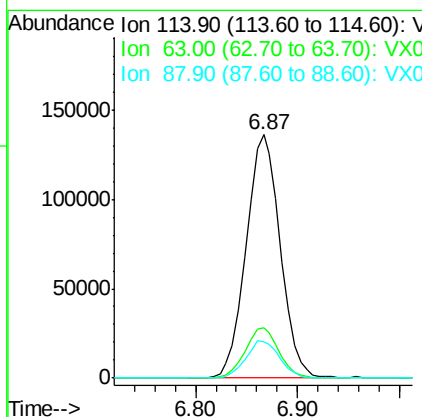
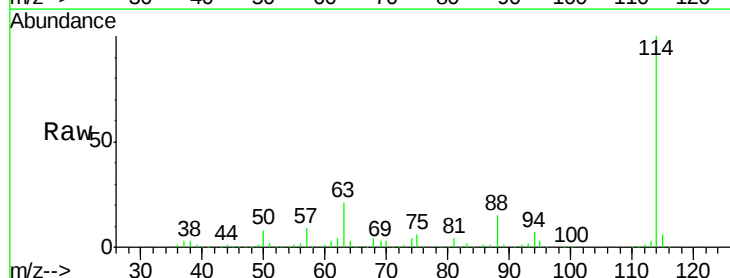
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0627

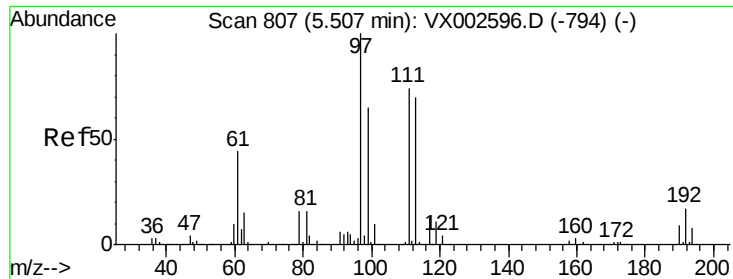
Tot Ion: 65 Resp: 157053
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 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

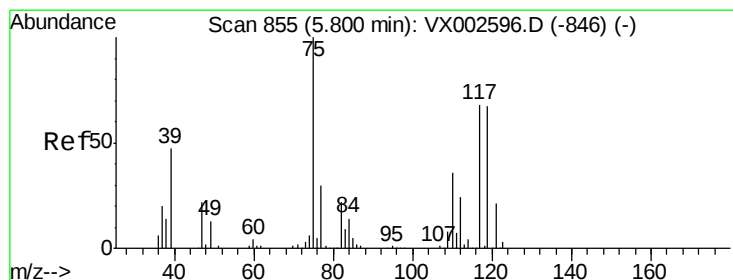
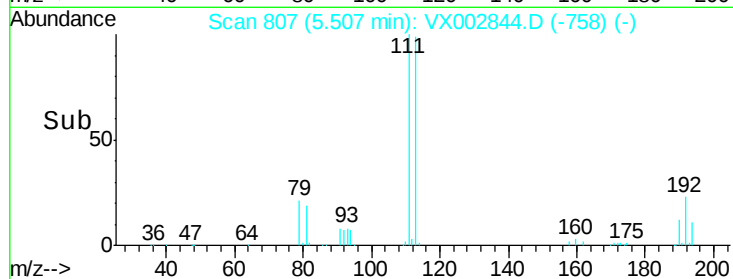
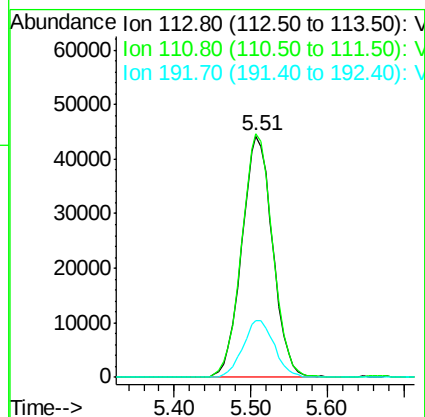
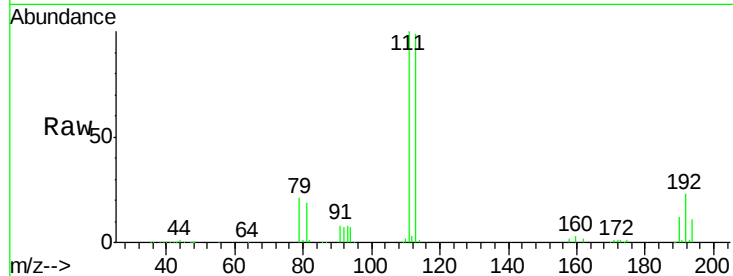




#35
 Dibromofluoromethane
 Concen: 48.88 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

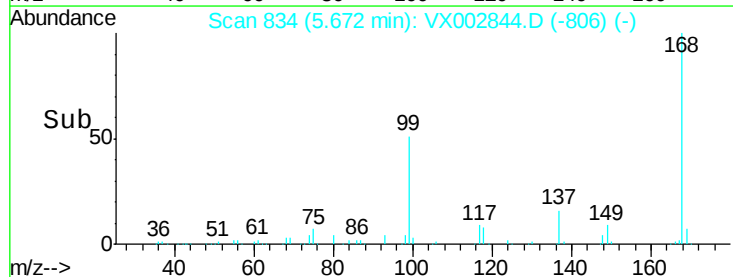
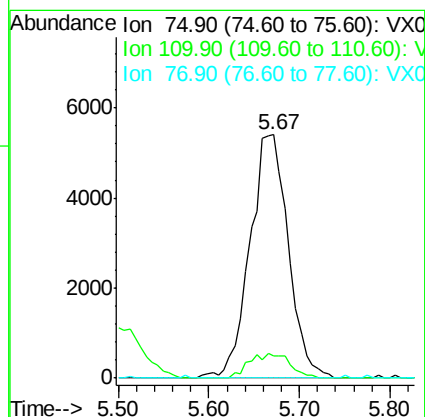
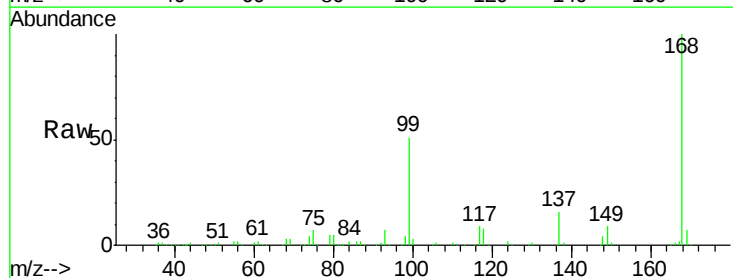
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0627

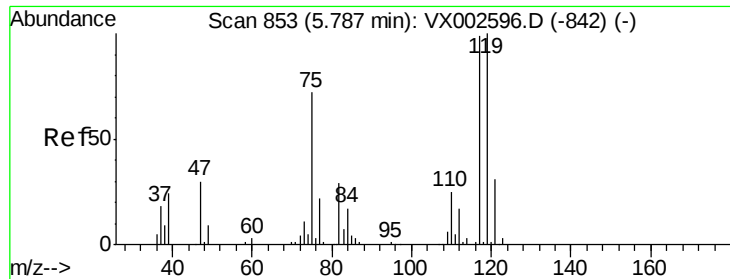
Tot Ion:113 Resp: 123590
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002844.D
 Acq: 22 Jun 2018 21:19

Tgt Ion: 75 Resp: 15803
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.1 54.4#
 77 0.0 24.3 36.5#

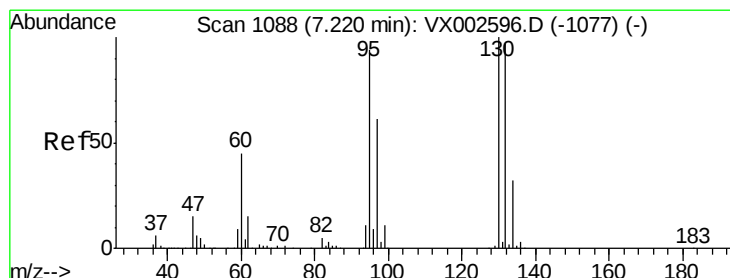
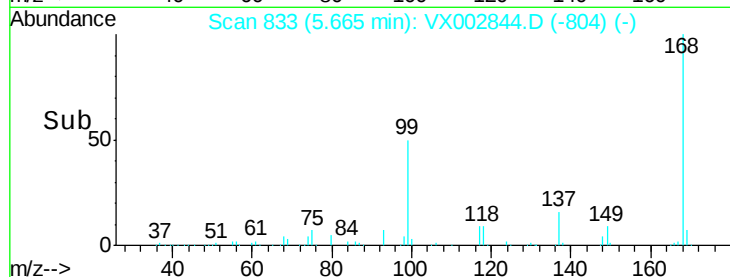
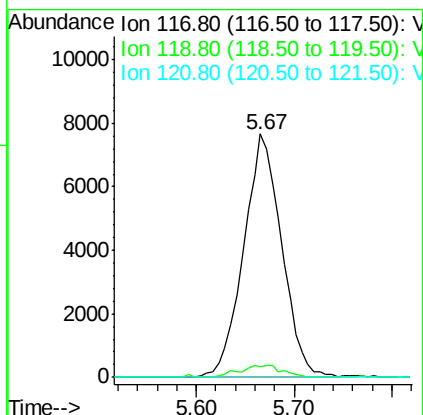
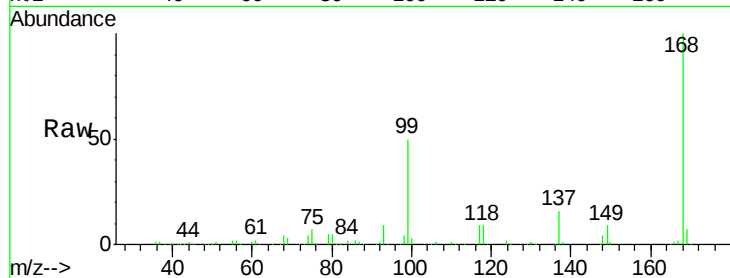




#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

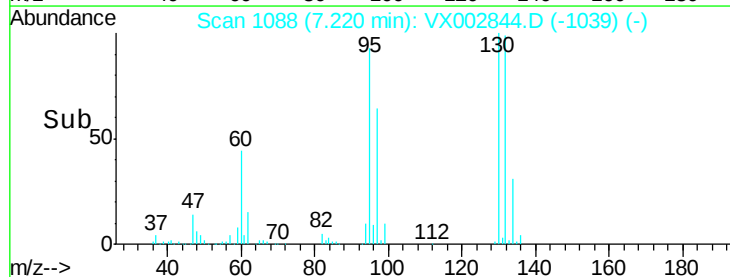
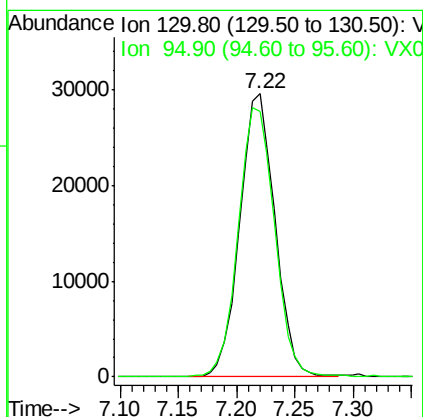
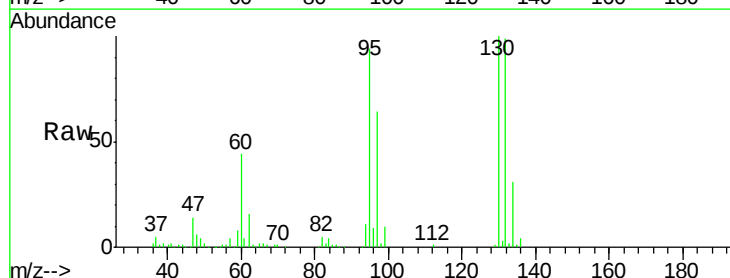
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

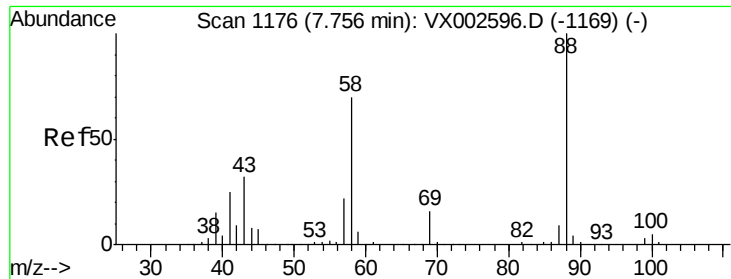
Tot Ion:117 Resp: 20627
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 21.53 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





#49

1,4-Dioxane

Concen: 0.33 ug/l

RT: 7.49 min Scan# 1132

Delta R.T. -0.27 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

S32-0627

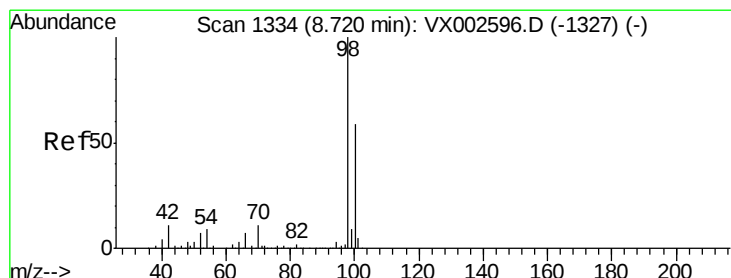
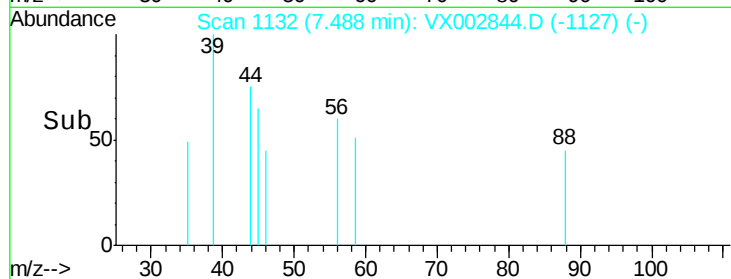
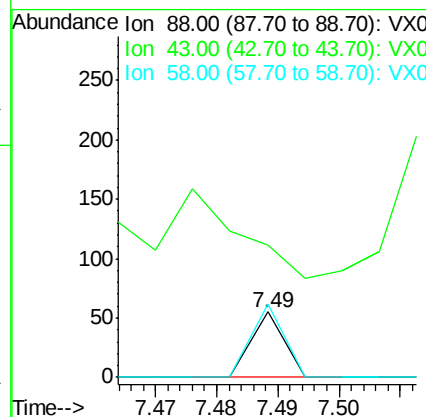
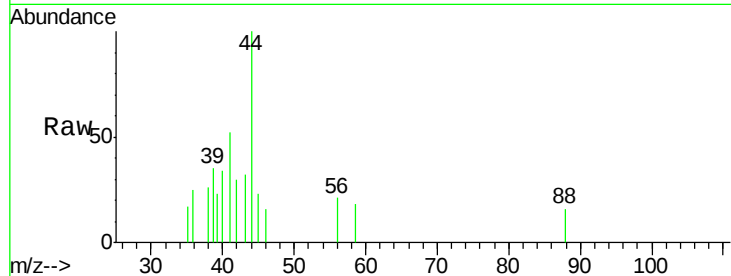
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

58 0.0 57.1 85.7#



#50

Toluene-d8

Concen: 47.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002844.D

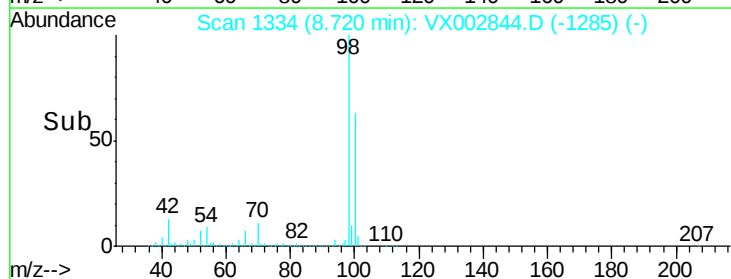
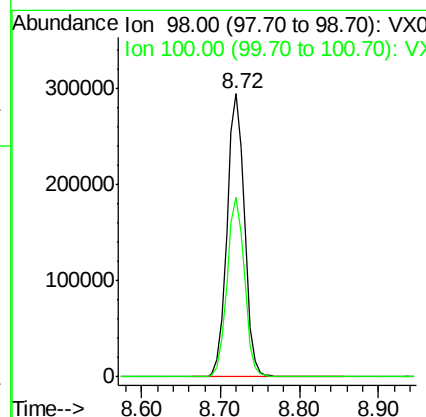
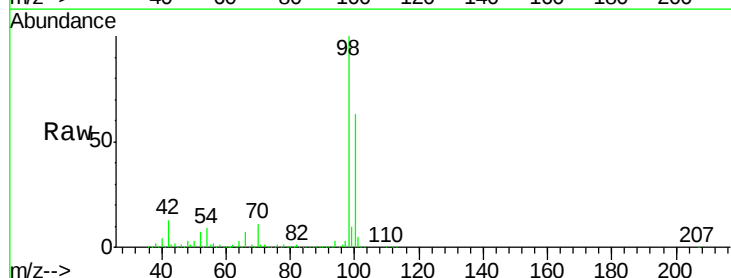
Acq: 22 Jun 2018 21:19

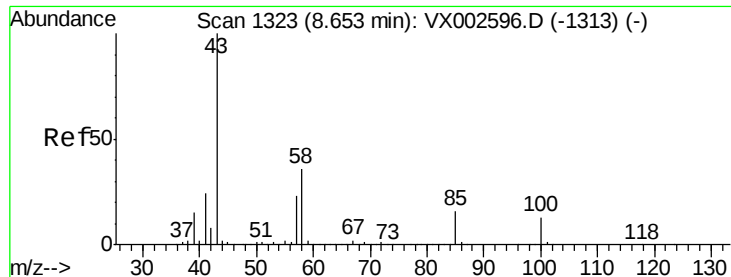
Tgt Ion: 98 Resp: 452168

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.60 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

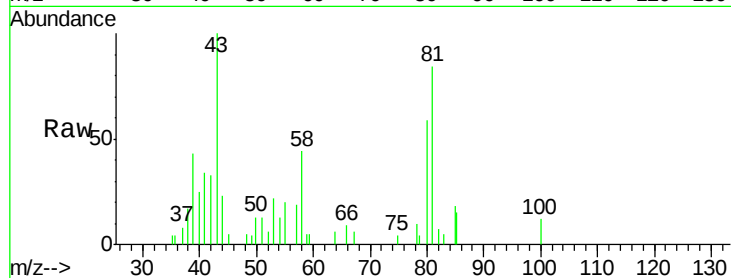
S32-0627

Tot Ion: 43 Resp: 2420

Ion Ratio Lower Upper

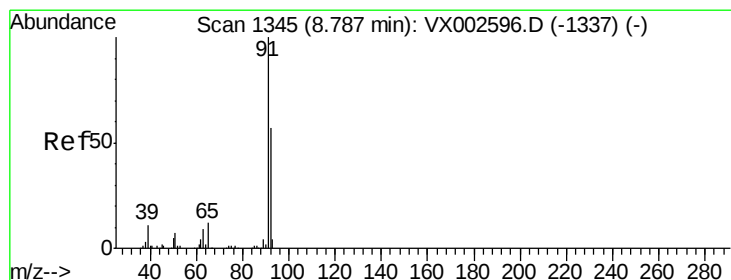
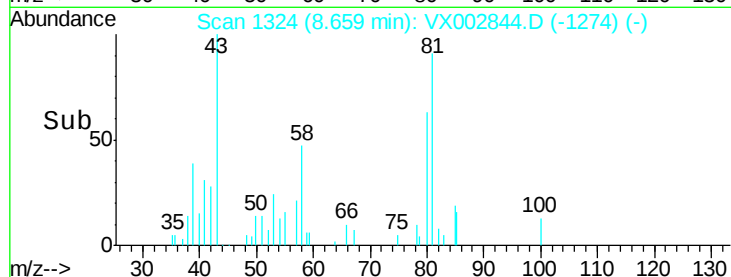
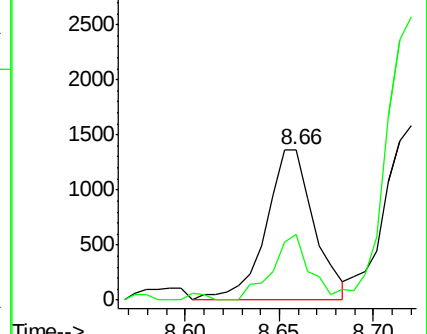
43 100

58 33.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002844.D

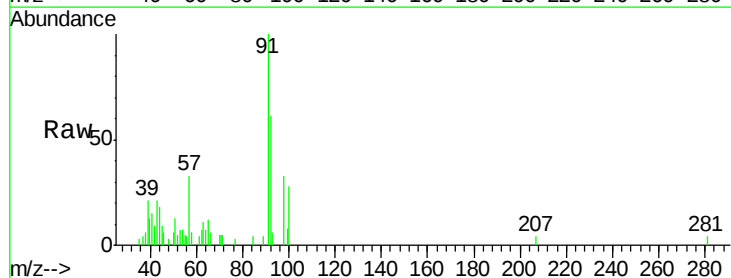
Acq: 22 Jun 2018 21:19

Tgt Ion: 92 Resp: 1784

Ion Ratio Lower Upper

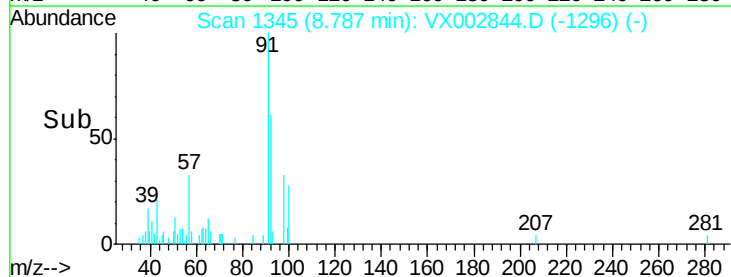
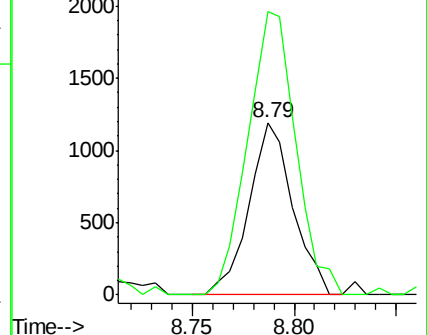
92 100

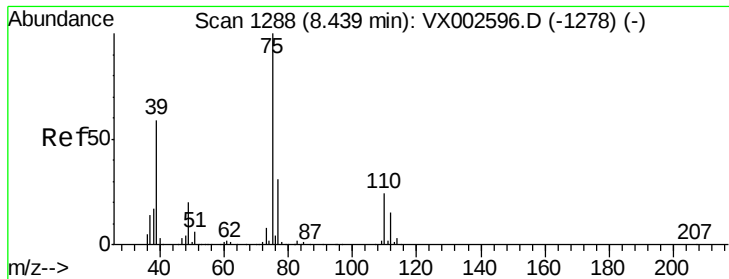
91 180.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.37 min Scan# 1277

Delta R.T. -0.07 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

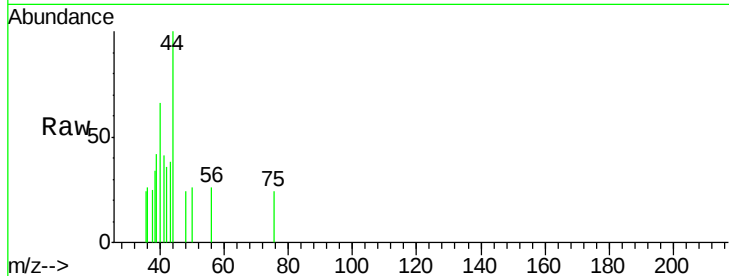
S32-0627

Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

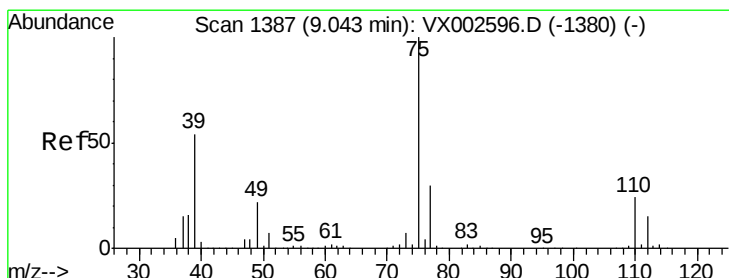
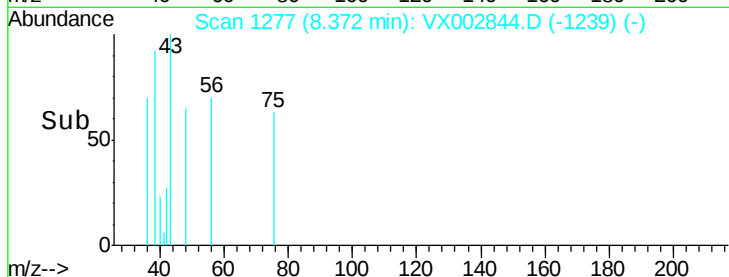


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.37

Time--> 8.35 8.36 8.37 8.38 8.39



#54

cis-1,3-Dichloropropene

Concen: 3.22 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

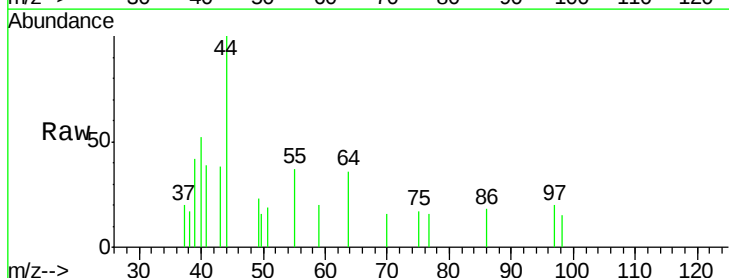
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 94.9 24.8 37.2#

39 44.1 42.4 63.6



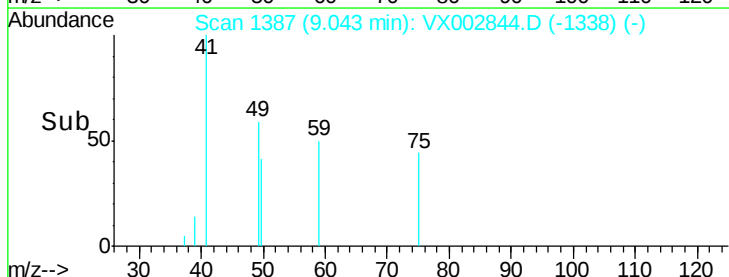
Abundance Ion 74.90 (74.60 to 75.60): VX0

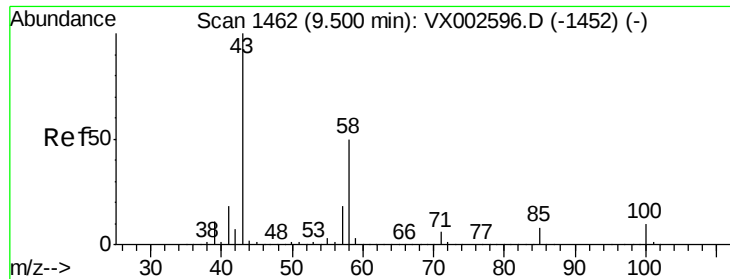
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

Time--> 9.02 9.03 9.04 9.05 9.06

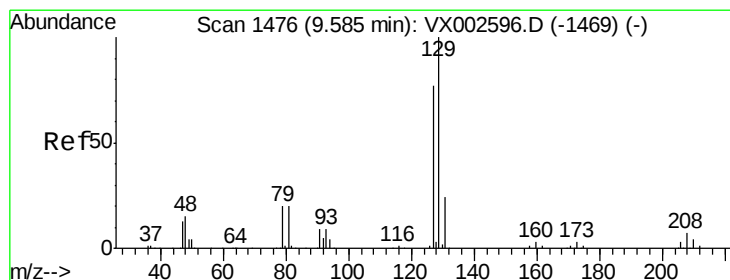
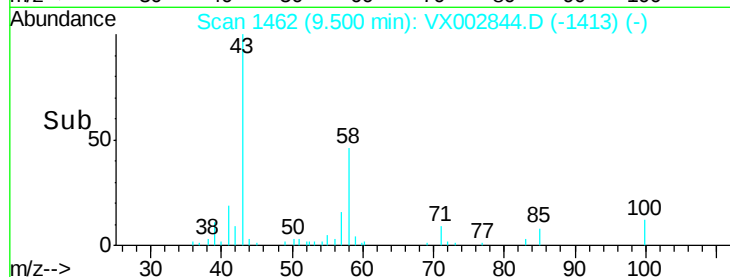
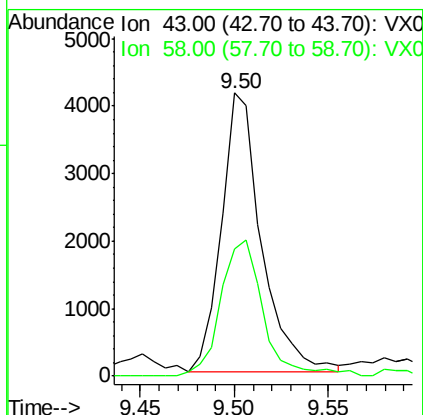
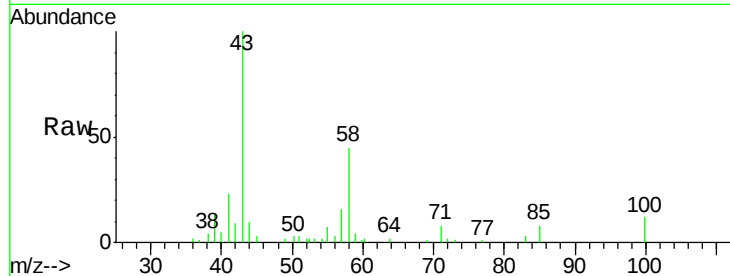




#59
2-Hexanone
Concen: 1.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

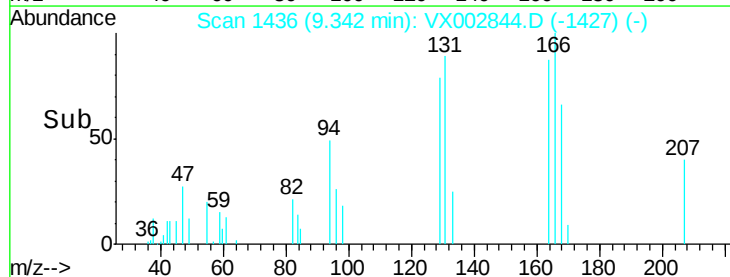
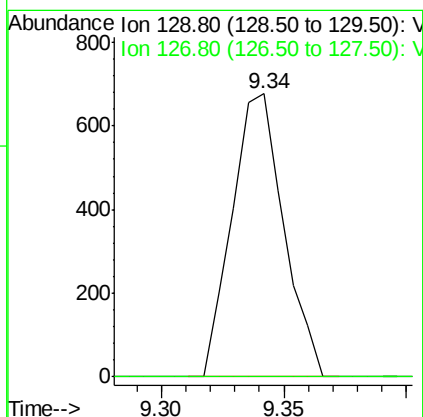
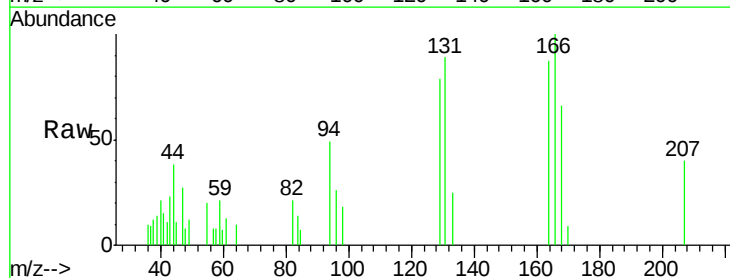
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

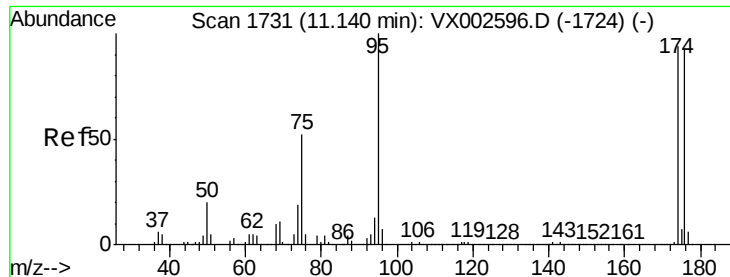
Tot Ion: 43 Resp: 6081
Ion Ratio Lower Upper
43 100
58 52.2 24.6 73.6



#60
Dibromochloromethane
Concen: 4.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.24 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Tgt Ion: 129 Resp: 997
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

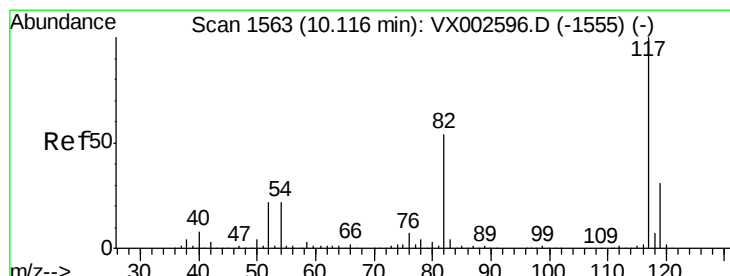
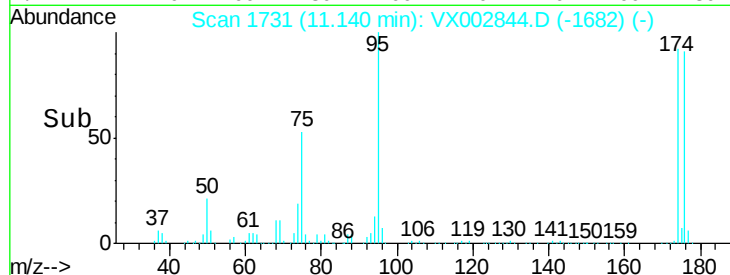
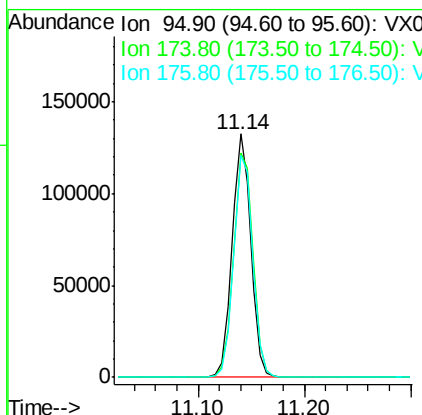
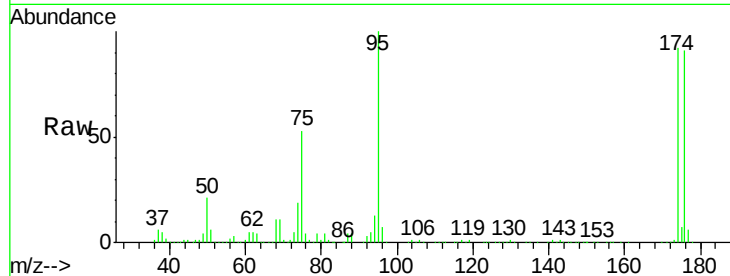




#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

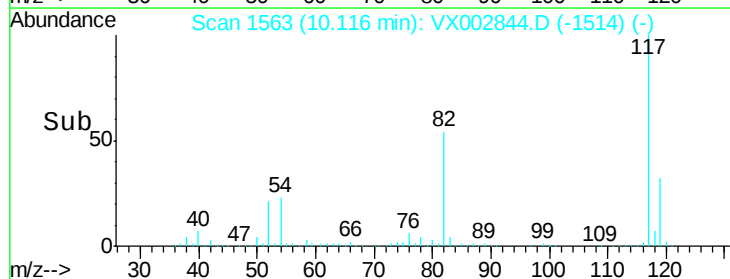
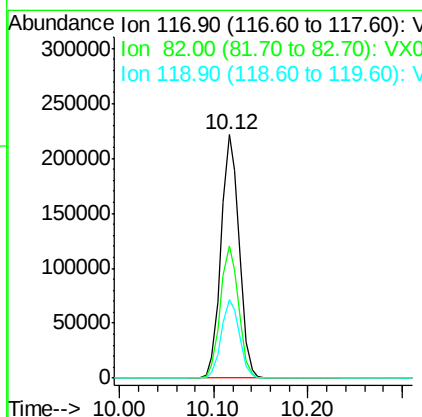
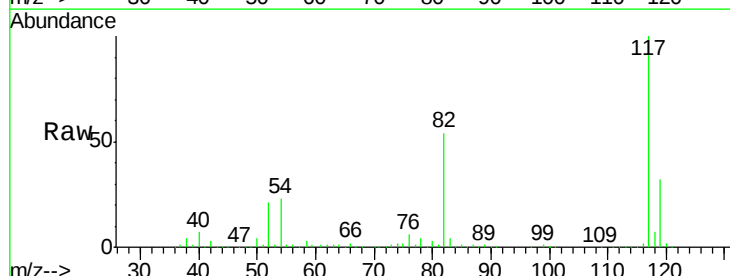
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

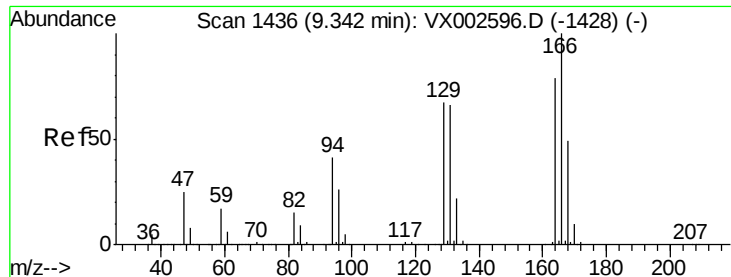
Tot Ion: 95 Resp: 163175
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.4
176 93.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 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

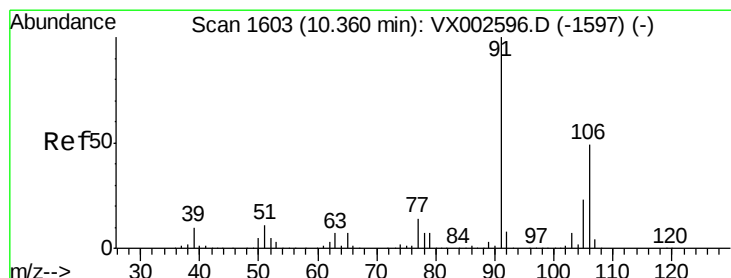
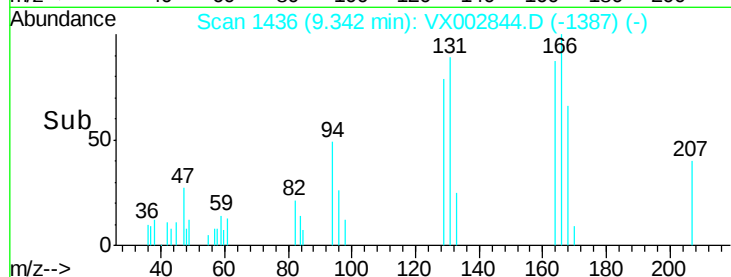
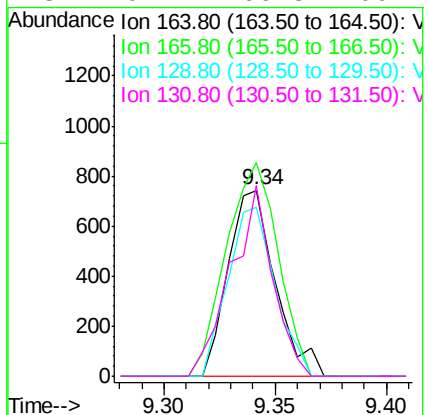
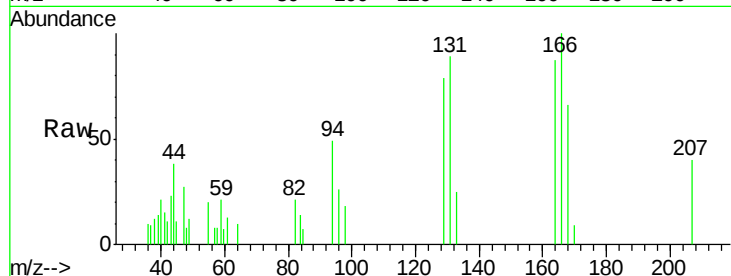




#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

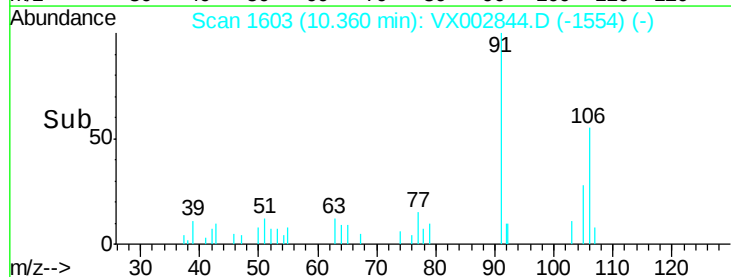
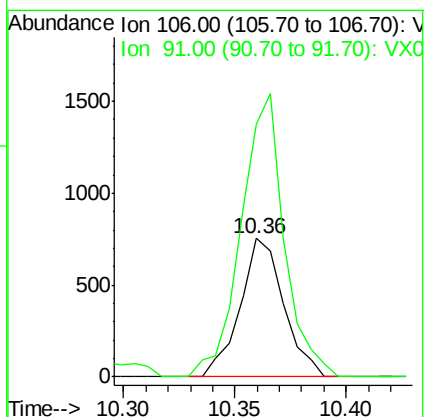
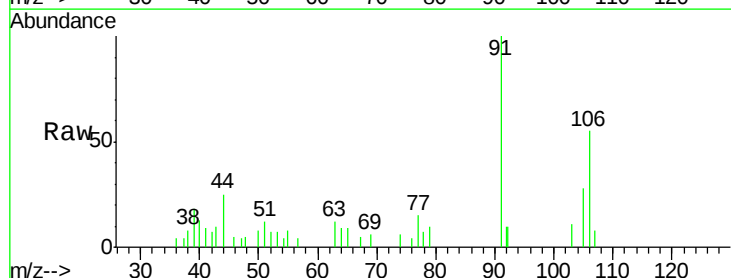
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

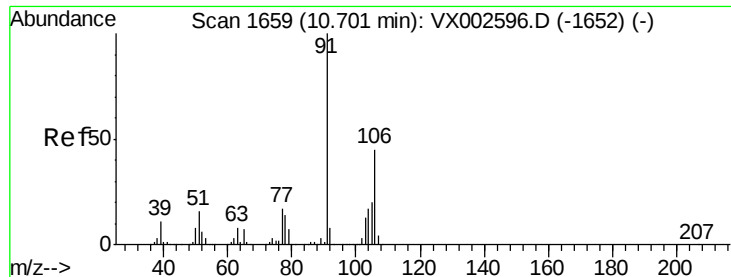
Tot Ion:164 Resp: 1096
Ion Ratio Lower Upper
164 100
166 114.8 102.9 154.3
129 91.0 68.6 102.8
131 102.4 66.8 100.2#



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Tgt Ion:106 Resp: 1036
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.2

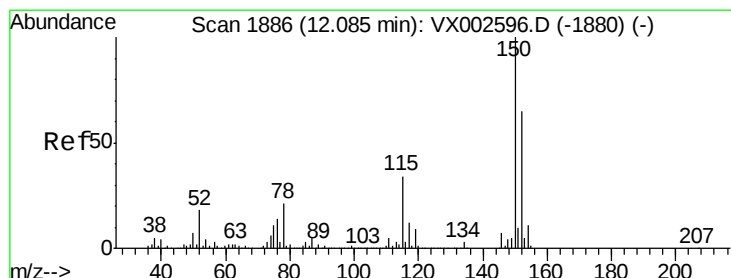
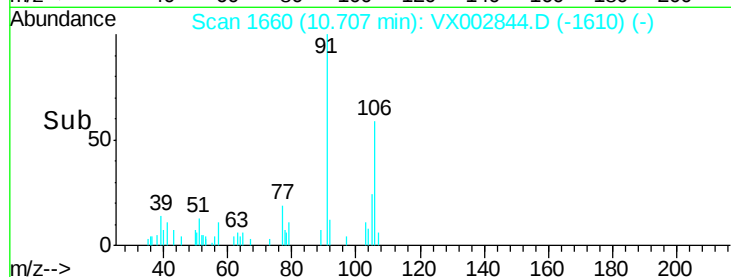
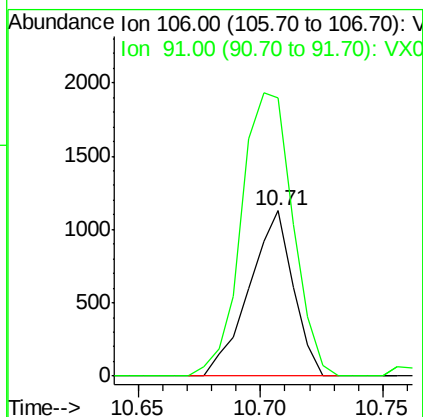
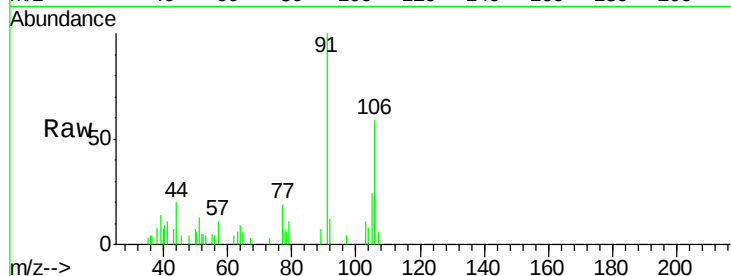




#69
o-Xylene
Concen: 0.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

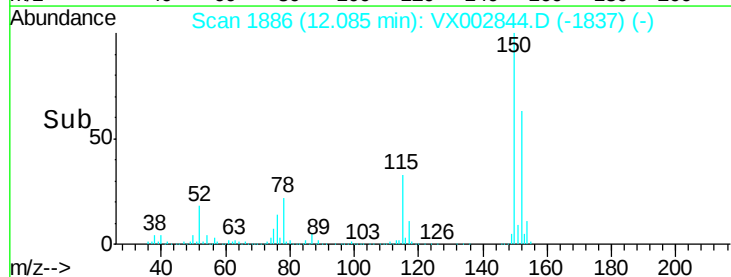
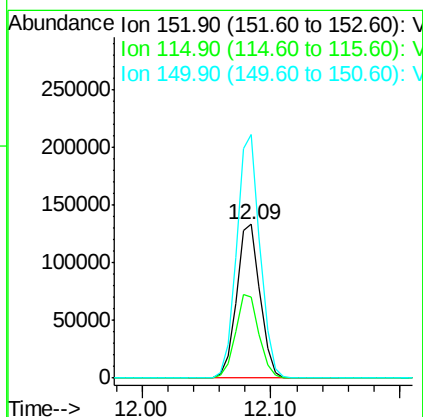
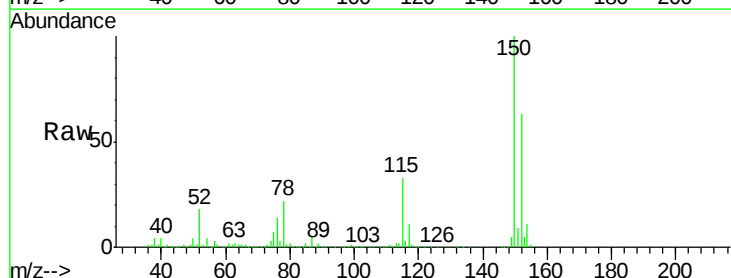
Instrument :
MSVOA_X
ClientSampleId :
S32-0627

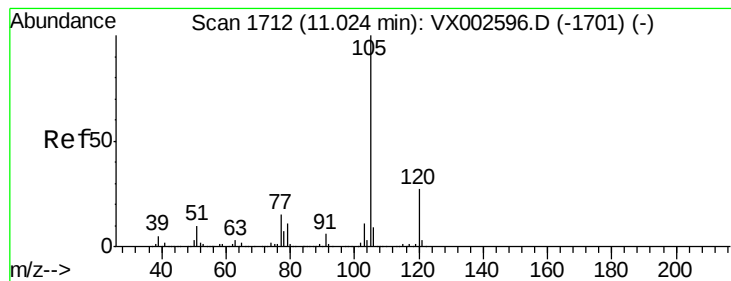
Tot Ion:106 Resp: 1420
Ion Ratio Lower Upper
106 100
91 199.6 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002844.D
Acq: 22 Jun 2018 21:19

Tgt Ion:152 Resp: 169284
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 156.5 0.0 347.2





#73

Isopropylbenzene

Concen: 0.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampled :

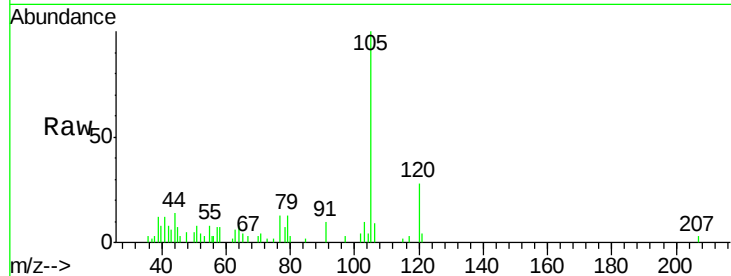
S32-0627

Tot Ion:105 Resp: 3201

Ion Ratio Lower Upper

105 100

120 29.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

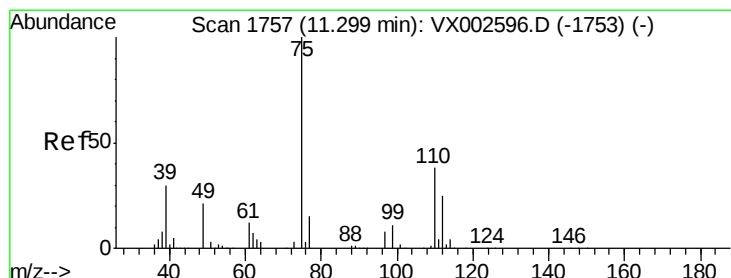
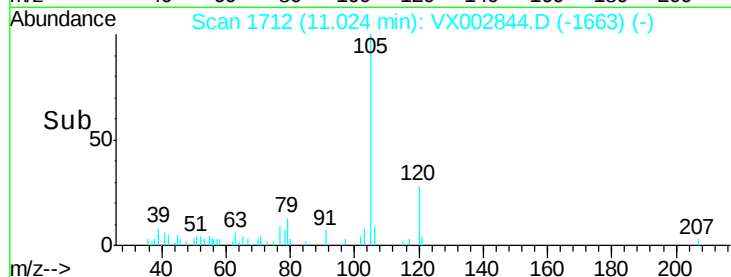
1500

1000

500

0

Time--> 11.00 11.05



#76

1,2,3-Trichloropropane

Concen: 26.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002844.D

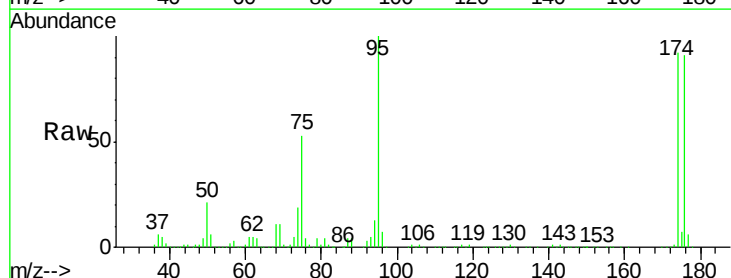
Acq: 22 Jun 2018 21:19

Tgt Ion: 75 Resp: 86139

Ion Ratio Lower Upper

75 100

77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

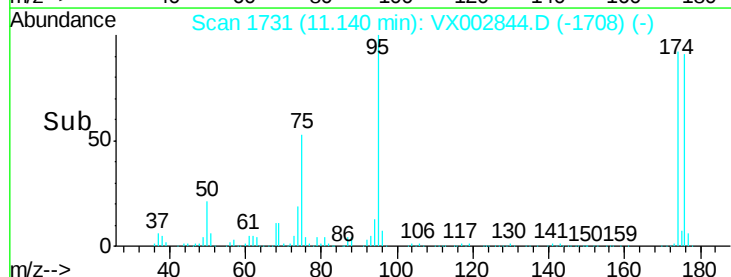
60000

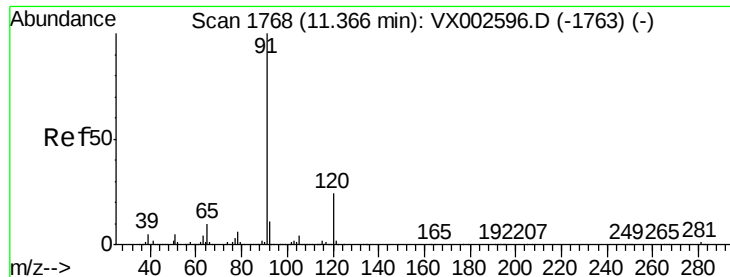
40000

20000

0

Time--> 11.10 11.20





#78

n-propylbenzene

Concen: 0.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

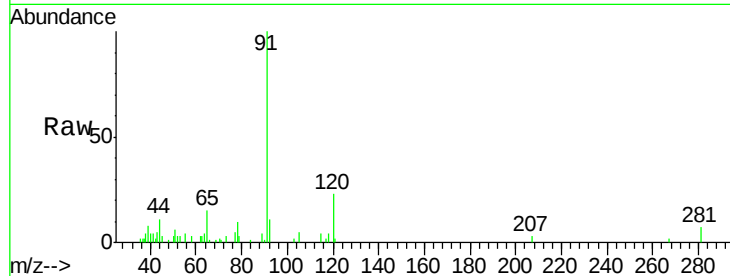
S32-0627

Tot Ion: 91 Resp: 5274

Ion Ratio Lower Upper

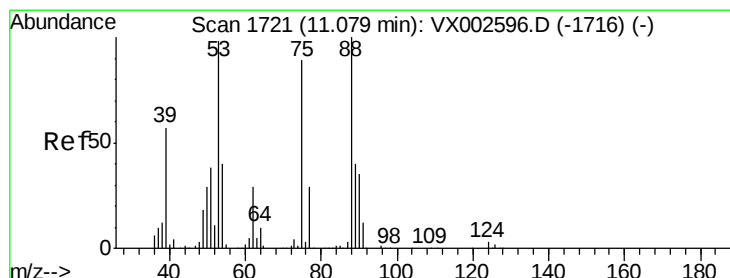
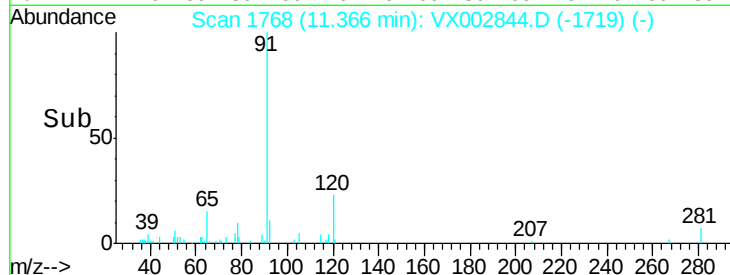
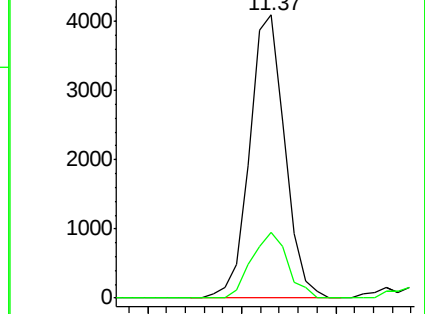
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 83.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

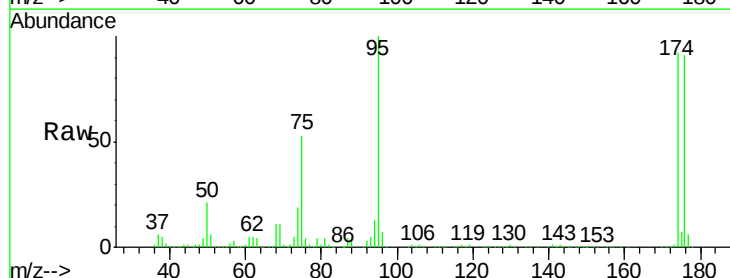
Tgt Ion: 75 Resp: 86139

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

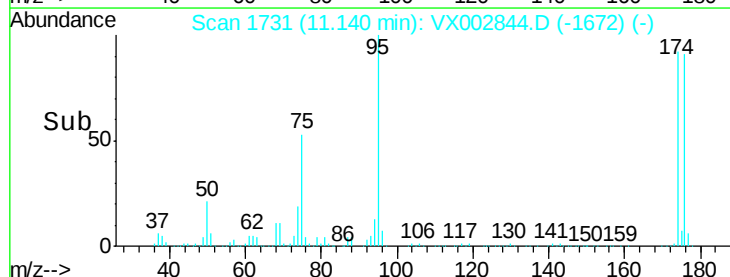
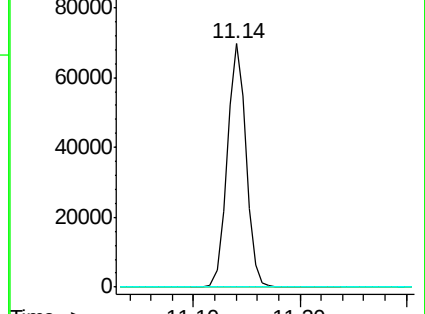
89 0.0 38.2 57.2#

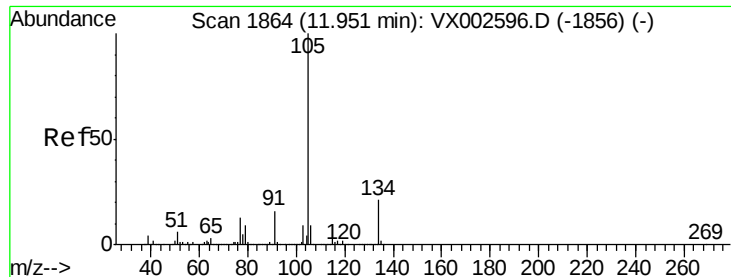


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#85

sec-Butylbenzene

Concen: 0.36 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

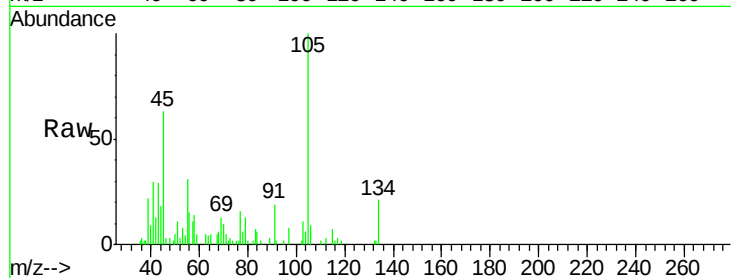
S32-0627

Tot Ion:105 Resp: 4178

Ion Ratio Lower Upper

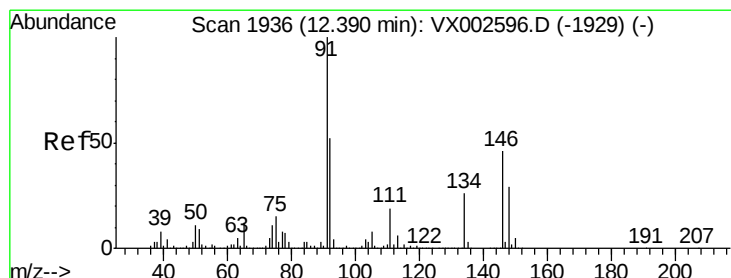
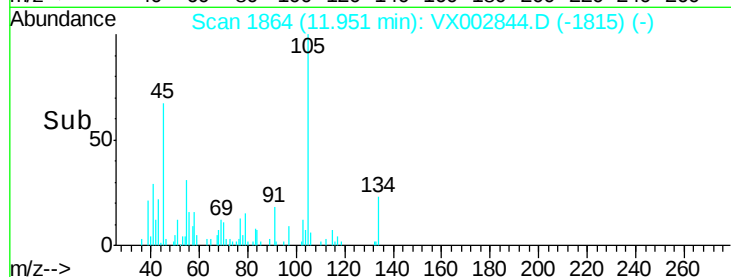
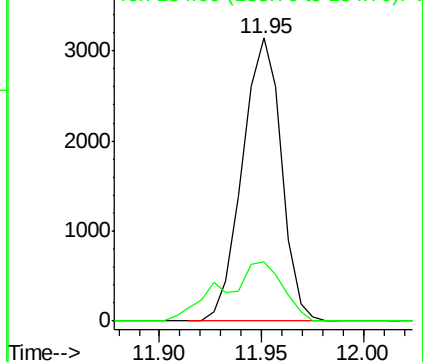
105 100

134 32.7 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

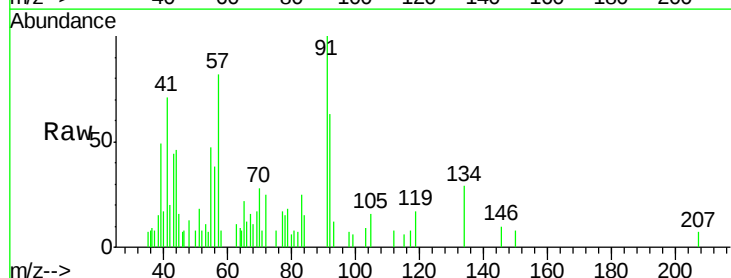
Tgt Ion: 91 Resp: 1878

Ion Ratio Lower Upper

91 100

92 37.7 26.0 78.0

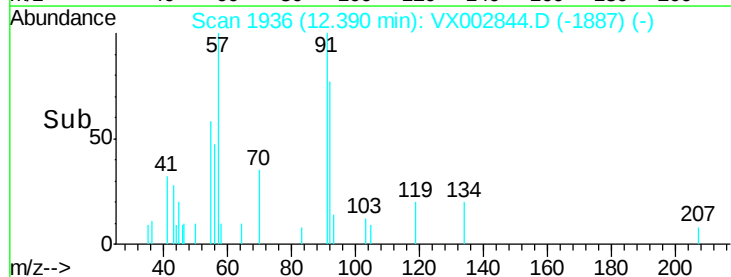
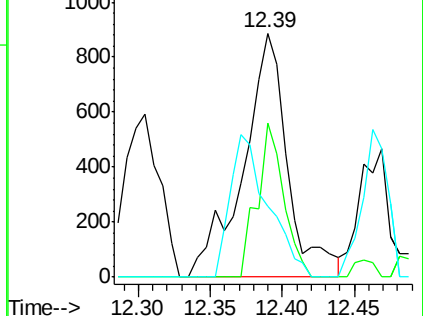
134 50.7 13.5 40.5#

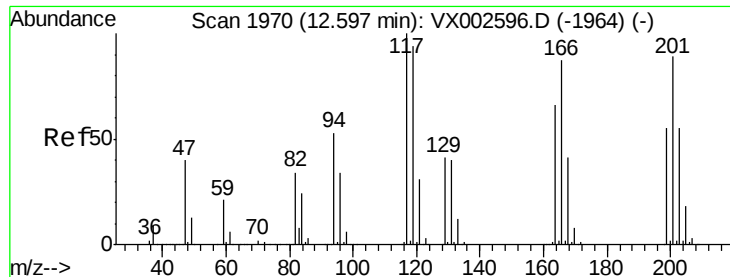


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.94 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX002844.D

Acq: 22 Jun 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

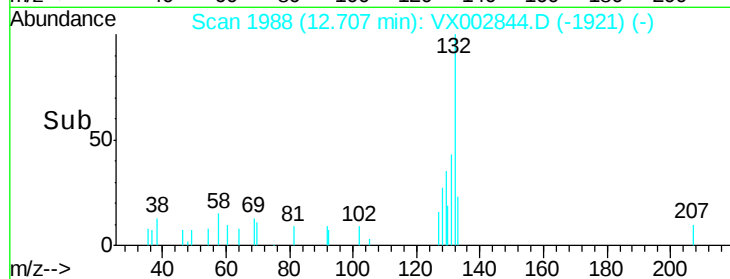
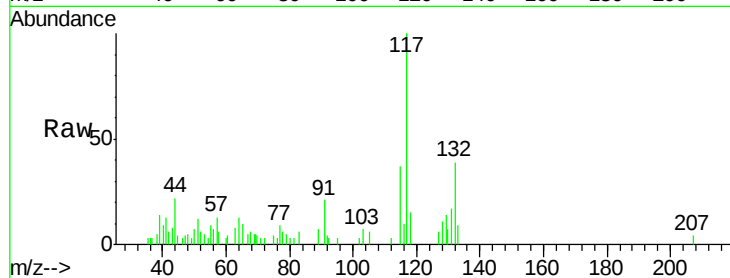
S32-0627

Tot Ion:117 Resp: 2241

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

