

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006285.D
 Acq On : 04 Dec 2018 18:15
 Operator : JC/MD
 Sample : J6232-01RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0643

Quant Time: Dec 05 00:32:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	822308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1260786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1135558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	556983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	412420	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	400874	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1463459	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	547346	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

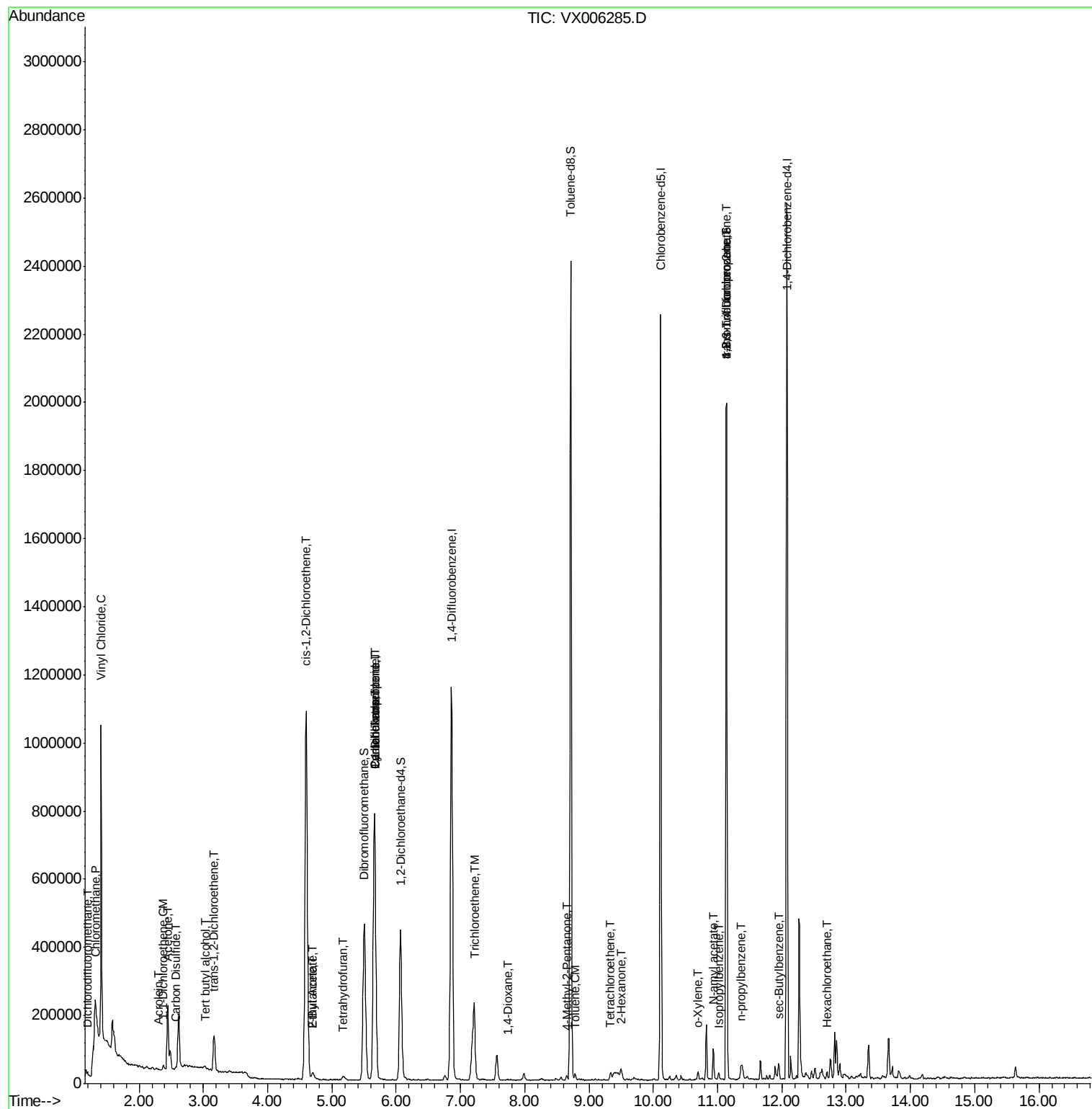
						Qvalue
2) Dichlorodifluoromethane	1.20	85	5874	0.730	ug/l	94
3) Chloromethane	1.33	50	10361	1.252	ug/l #	87
4) Vinyl Chloride	1.41	62	569174	63.916	ug/l	98
11) Tert butyl alcohol	3.03	59	5273	2.297	ug/l #	82
12) 1,1-Dichloroethene	2.38	96	5880	0.790	ug/l	85
13) Acrolein	2.31	56	352	0.281	ug/l #	13
16) Acetone	2.45	43	203226	51.587	ug/l	98
17) Carbon Disulfide	2.57	76	15895	0.693	ug/l #	93
21) trans-1,2-Dichloroethene	3.17	96	41542	5.239	ug/l	97
25) 2-Butanone	4.70	43	34428	6.125	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	745341	84.269	ug/l	89
29) Tetrahydrofuran	5.17	42	3646	0.933	ug/l #	90
31) Cyclohexane	5.67	56	12680	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	53368	5.027	ug/l #	48
37) Ethyl Acetate	4.70	43	34428	2.896	ug/l #	67
38) Carbon Tetrachloride	5.66	117	74202	5.941	ug/l #	16
44) Trichloroethene	7.21	130	86991	9.030	ug/l	93
49) 1,4-Dioxane	7.74	88	121	0.509	ug/l #	27
51) 4-Methyl-2-Pentanone	8.65	43	3559	0.308	ug/l #	67
52) Toluene	8.78	92	4844	0.232	ug/l	82
59) 2-Hexanone	9.50	43	9411	1.067	ug/l	90
64) Tetrachloroethene	9.34	164	2047	0.239	ug/l #	90
69) o-Xylene	10.69	106	4928	0.311	ug/l	90
73) Isopropylbenzene	11.02	105	10157	0.264	ug/l	92
74) N-amyl acetate	10.93	43	10593	0.640	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	251304	23.376	ug/l #	37
78) n-propylbenzene	11.36	91	16275	0.381	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	251304	54.856	ug/l #	15
85) sec-Butylbenzene	11.94	105	13451	0.346	ug/l #	73
90) Hexachloroethane	12.70	117	7068	0.991	ug/l #	5

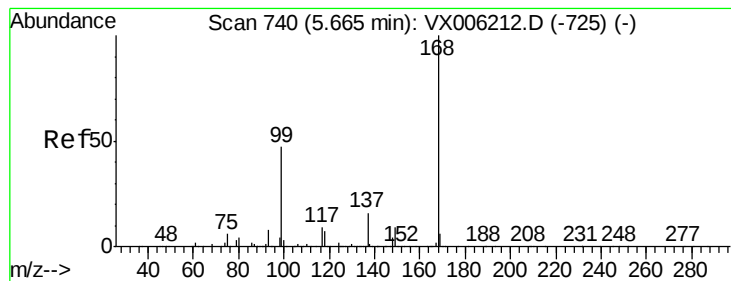
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

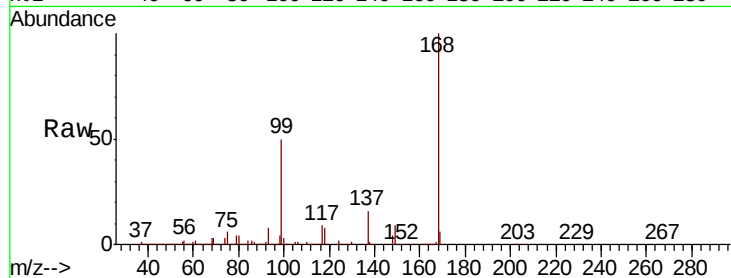
S32-0643

Tot Ion:168 Resp: 822308

Ion Ratio Lower Upper

168 100

99 50.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006212.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006212.D (-725) (-)

5.67

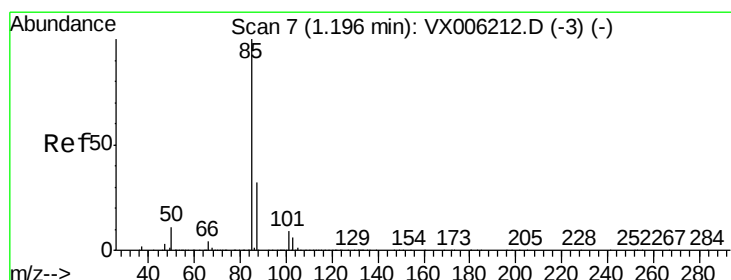
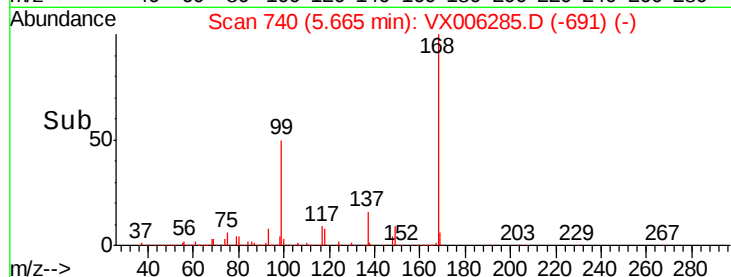
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.730 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006285.D

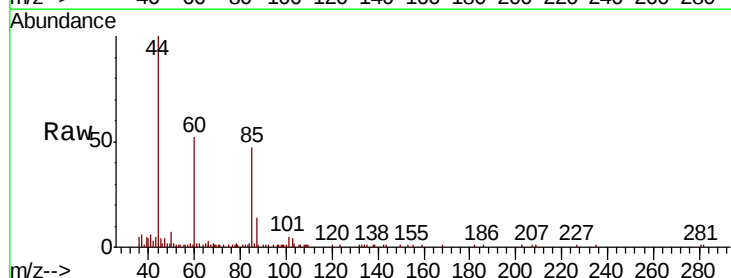
Acq: 04 Dec 2018 18:15

Tgt Ion: 85 Resp: 5874

Ion Ratio Lower Upper

85 100

87 28.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006212.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX006212.D (-3) (-)

1.20

5000

4000

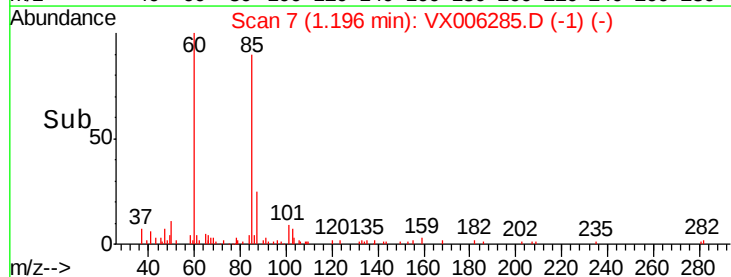
3000

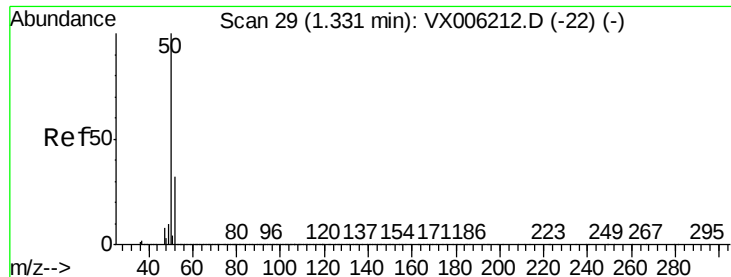
2000

1000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 1.252 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

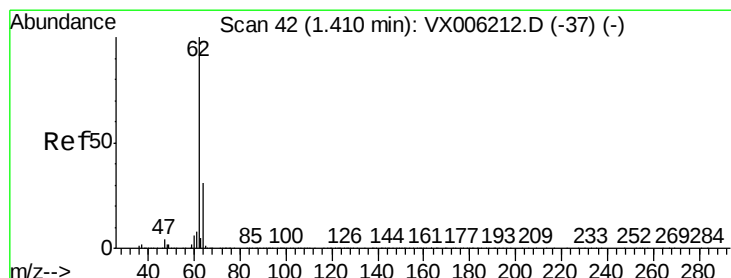
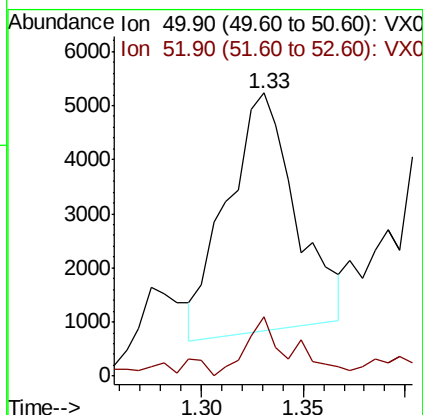
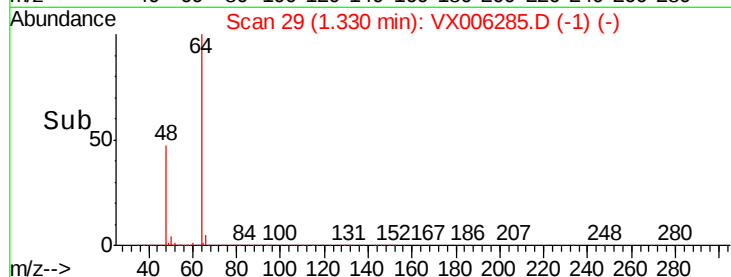
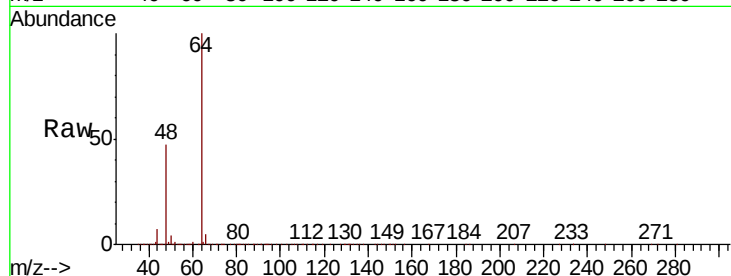
S32-0643

Tot Ion: 50 Resp: 10361

Ion Ratio Lower Upper

50 100

52 24.2 25.2 37.8#



#4

Vinyl Chloride

Concen: 63.916 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006285.D

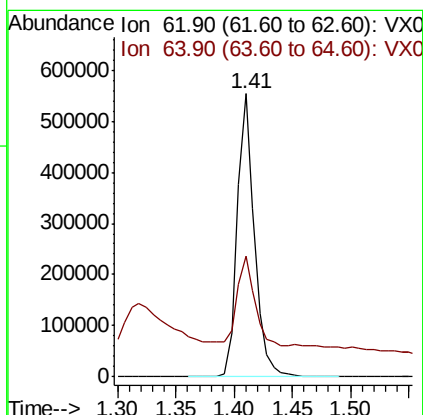
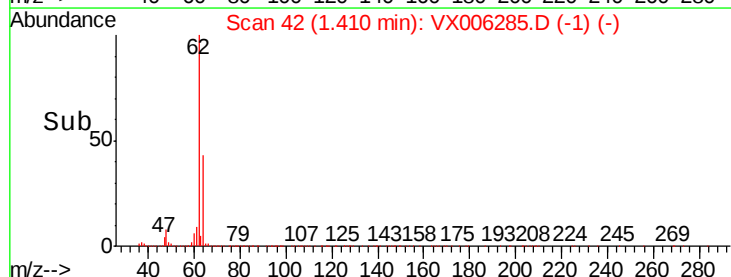
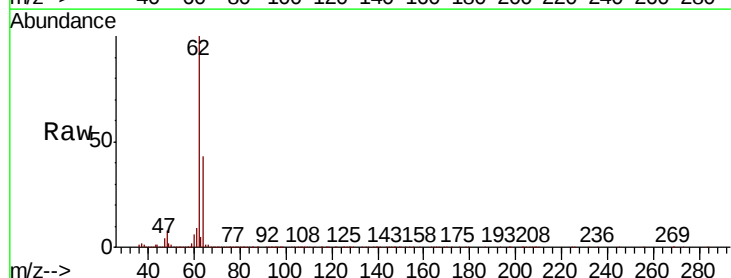
Acq: 04 Dec 2018 18:15

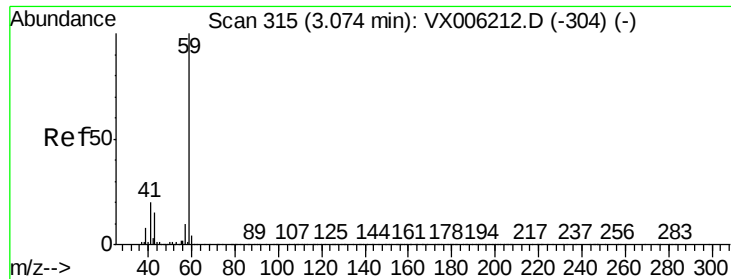
Tgt Ion: 62 Resp: 569174

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3

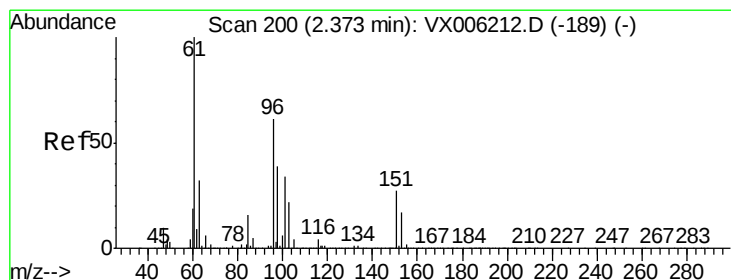
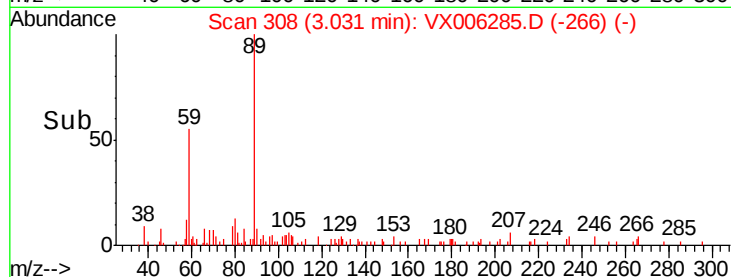
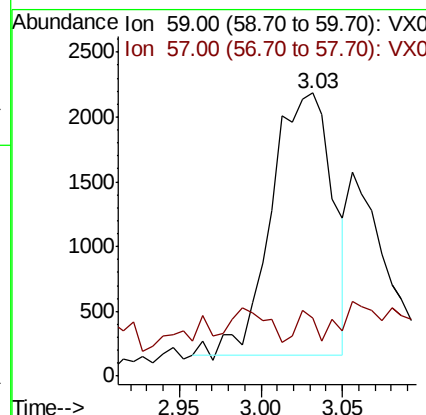
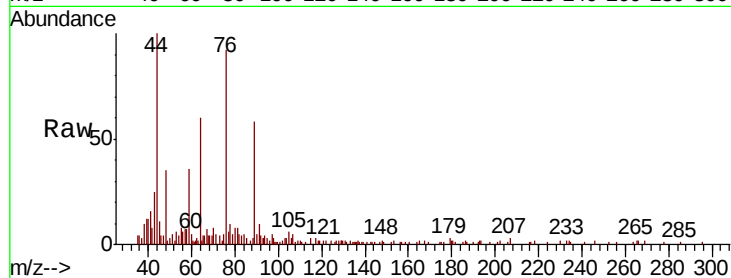




#11
Tert butyl alcohol
Concen: 2.297 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.04 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

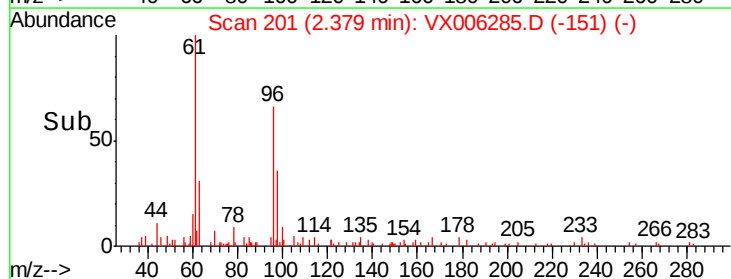
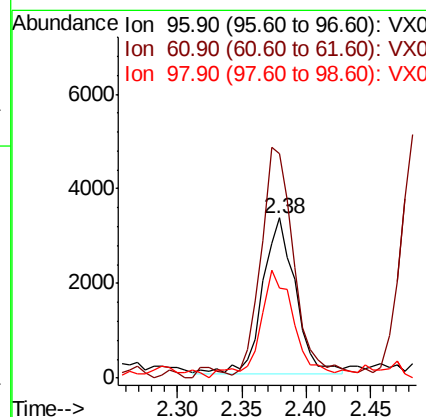
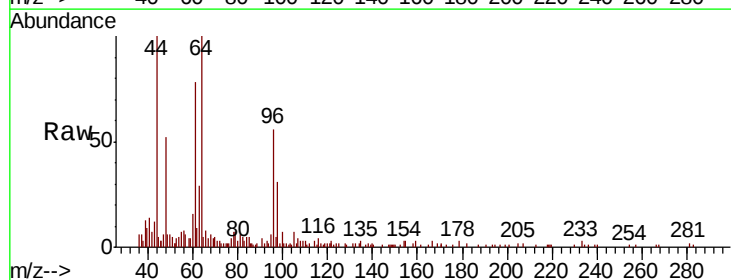
Instrument :
MSVOA_X
ClientSampleId :
S32-0643

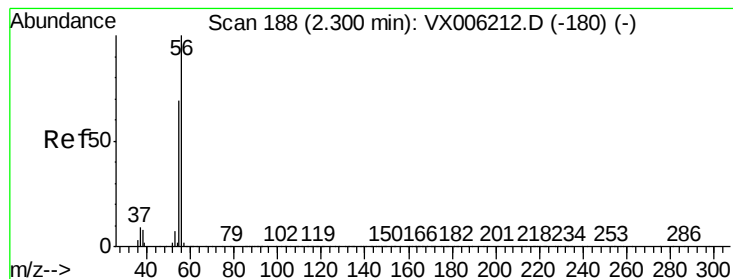
Tot Ion: 59 Resp: 5273
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.790 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

Tgt Ion: 96 Resp: 5880
Ion Ratio Lower Upper
96 100
61 144.9 131.7 197.5
98 52.9 51.8 77.6





#13

Acrolein

Concen: 0.281 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

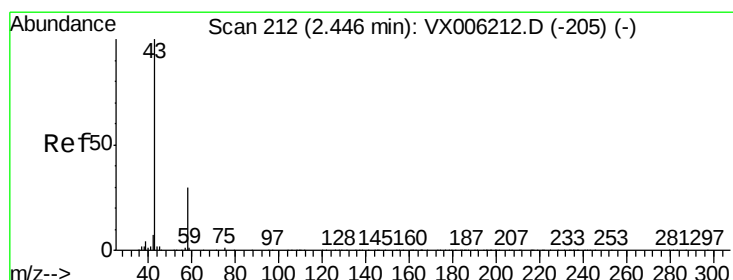
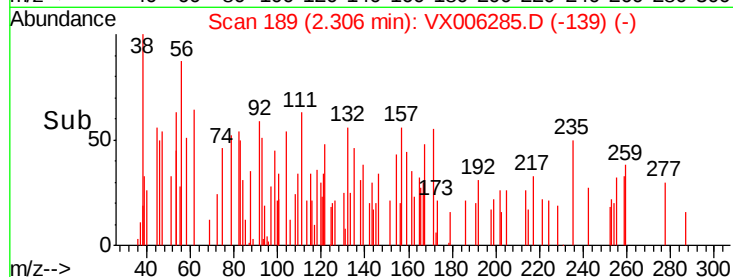
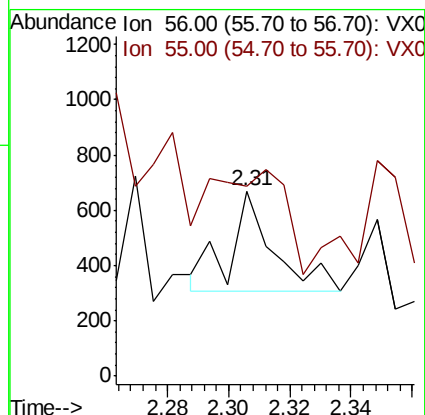
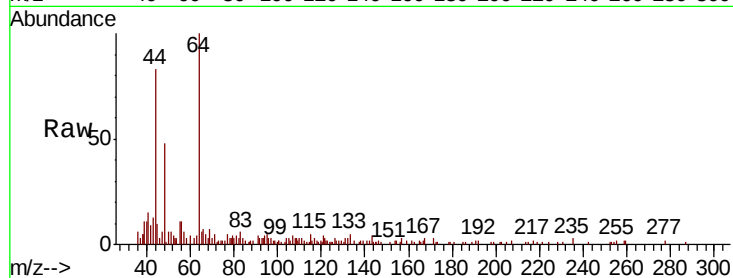
S32-0643

Tot Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 51.587 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006285.D

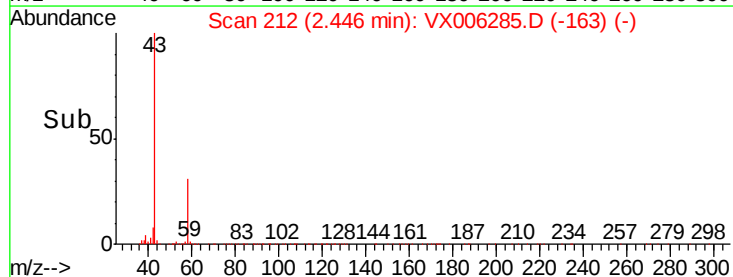
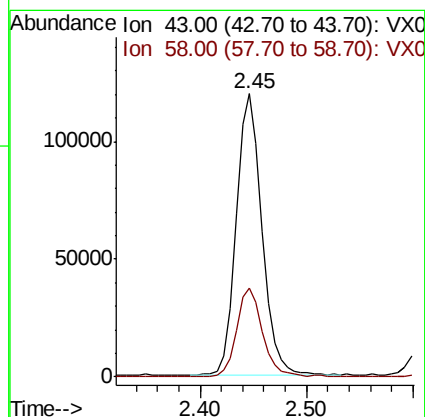
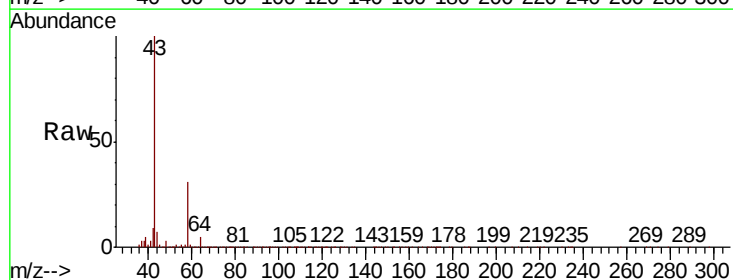
Acq: 04 Dec 2018 18:15

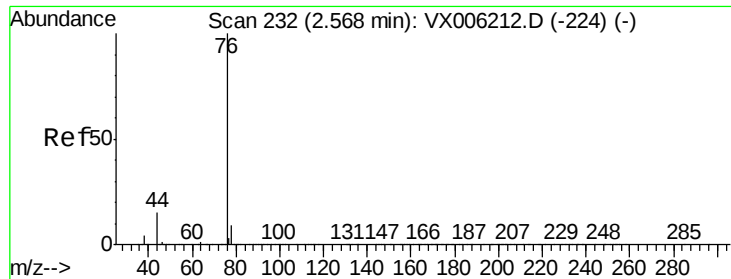
Tgt Ion: 43 Resp: 203226

Ion Ratio Lower Upper

43 100

58 31.2 24.0 36.0





#17

Carbon Disulfide

Concen: 0.693 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

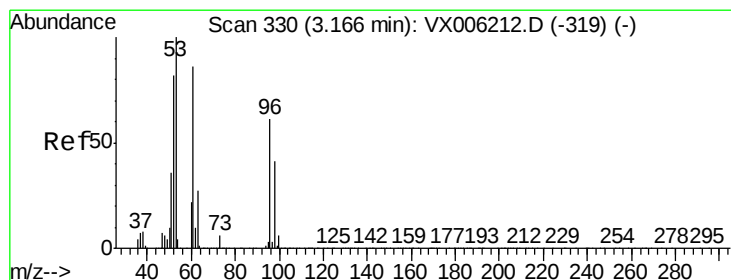
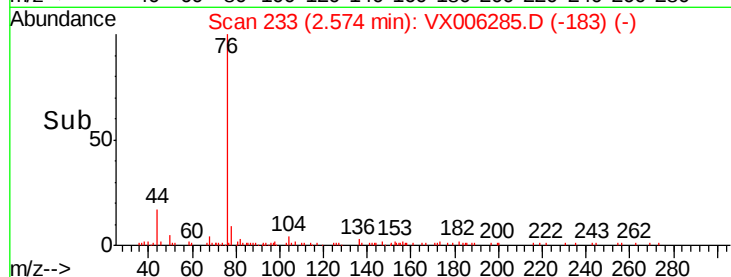
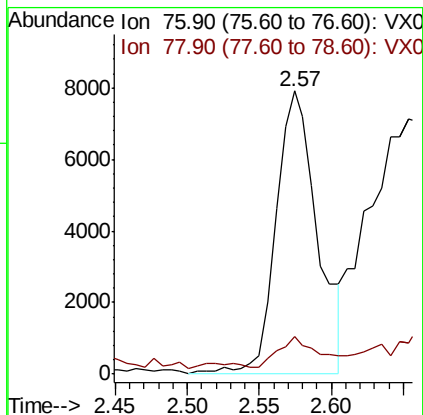
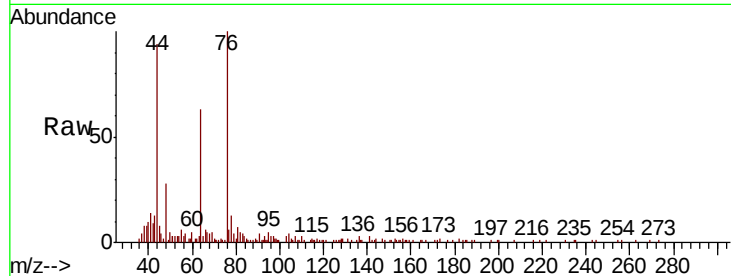
S32-0643

Tot Ion: 76 Resp: 15895

Ion Ratio Lower Upper

76 100

78 11.3 7.1 10.7#



#21

trans-1,2-Dichloroethene

Concen: 5.239 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

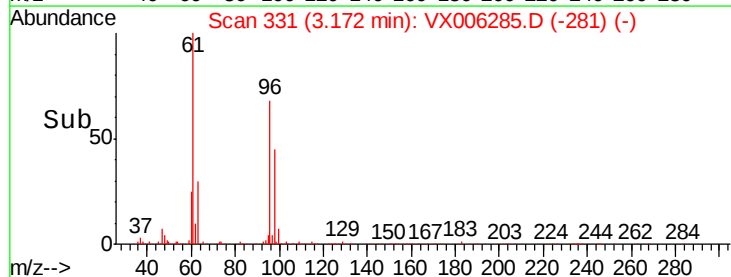
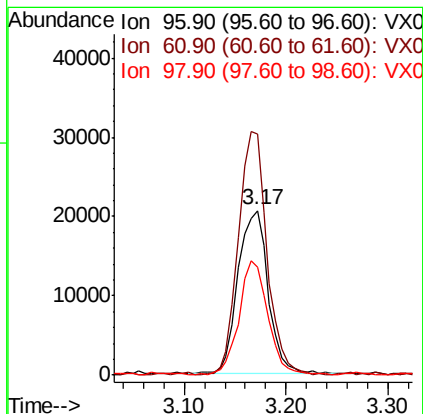
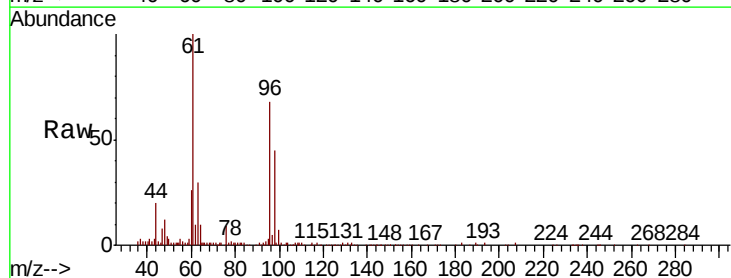
Tgt Ion: 96 Resp: 41542

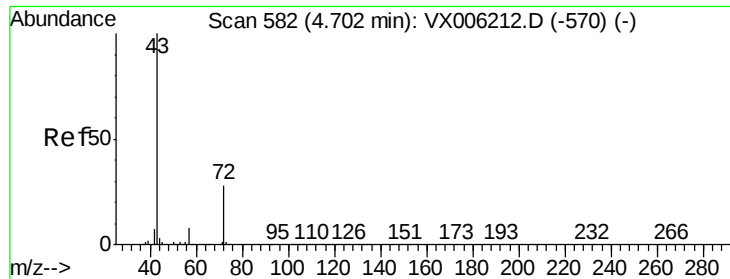
Ion Ratio Lower Upper

96 100

61 146.9 113.3 169.9

98 65.7 53.2 79.8





#25

2-Butanone

Concen: 6.125 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

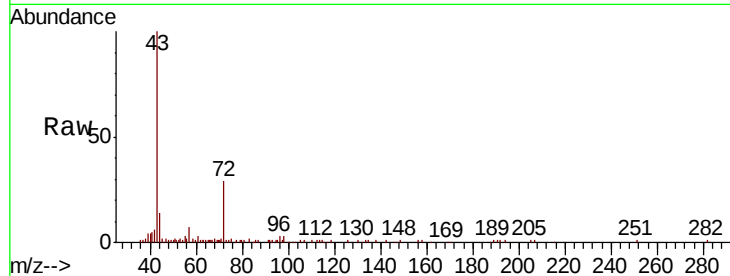
S32-0643

Tot Ion: 43 Resp: 34428

Ion Ratio Lower Upper

43 100

72 28.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

15000

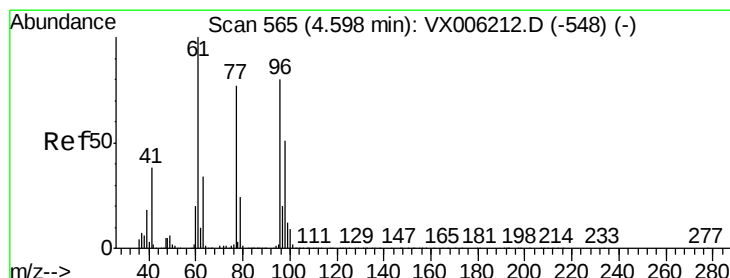
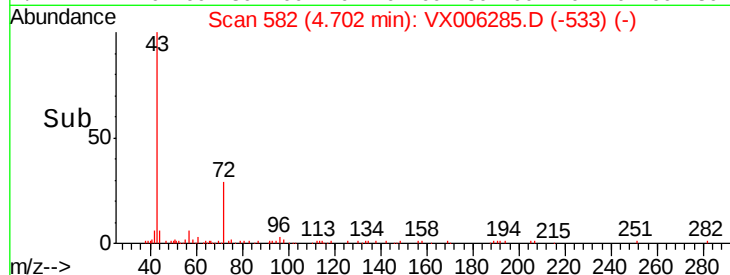
10000

5000

0

4.60 4.70 4.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 84.269 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

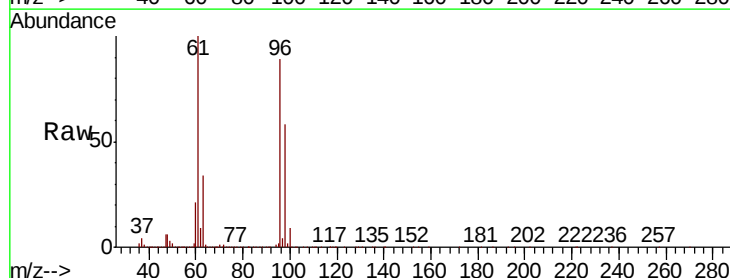
Tgt Ion: 96 Resp: 745341

Ion Ratio Lower Upper

96 100

61 113.4 0.0 265.0

98 65.4 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

400000

300000

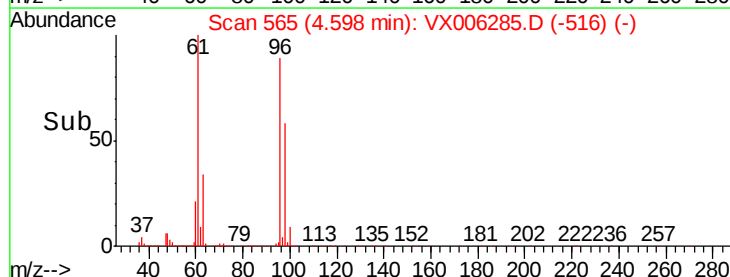
200000

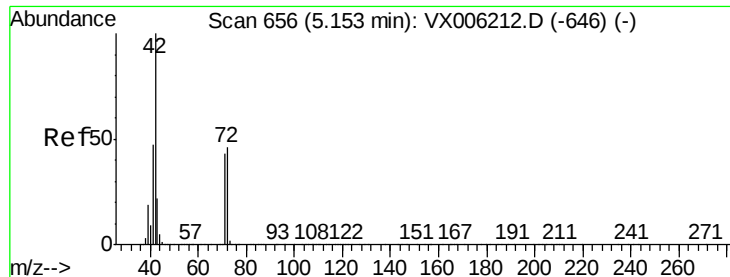
100000

0

4.50 4.60 4.70

Time-->

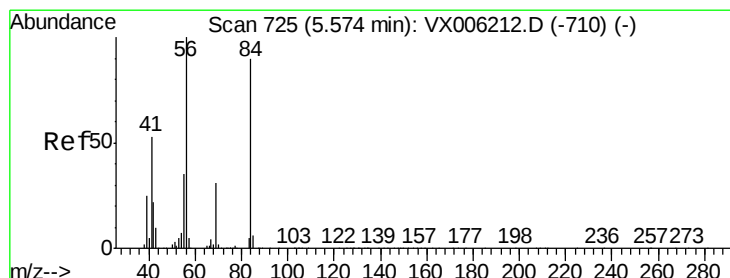
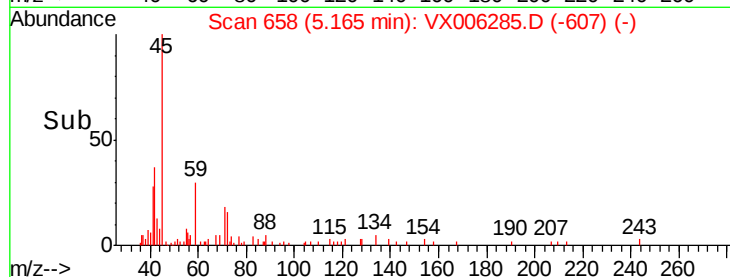
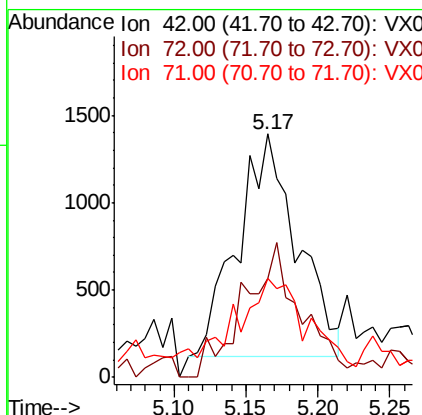
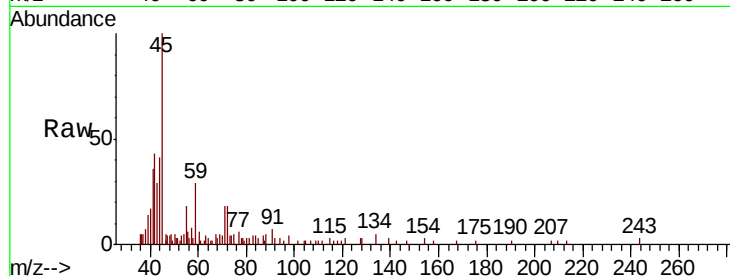




#29
Tetrahydrofuran
Concen: 0.933 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

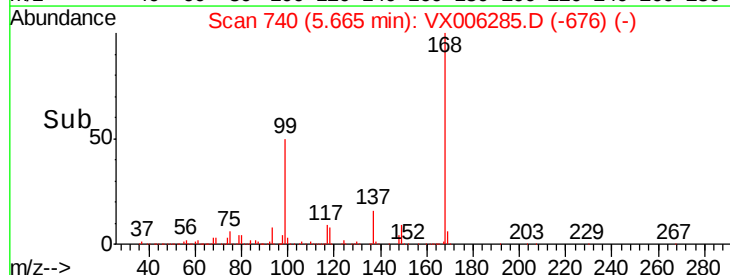
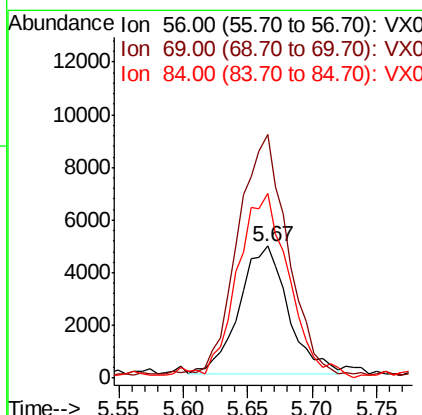
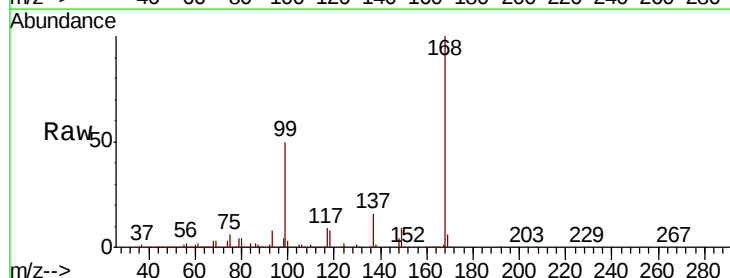
Instrument :
MSVOA_X
ClientSampled :
S32-0643

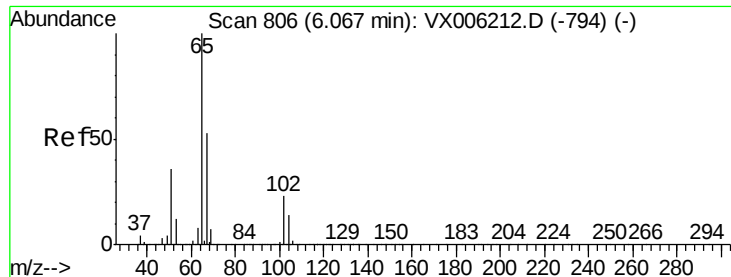
Tot Ion: 42 Resp: 3646
Ion Ratio Lower Upper
42 100
72 57.4 37.8 56.8#
71 47.5 35.2 52.8



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

Tgt Ion: 56 Resp: 12680
Ion Ratio Lower Upper
56 100
69 187.9 24.5 36.7#
84 139.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.130 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

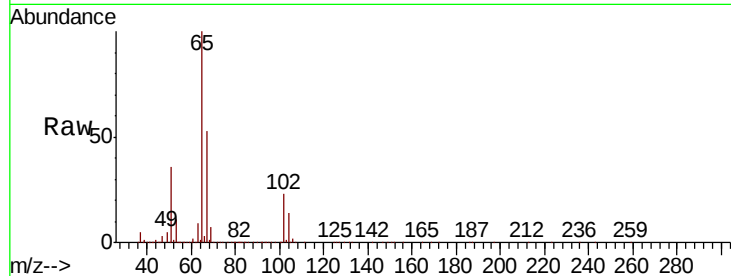
S32-0643

Tot Ion: 65 Resp: 412420

Ion Ratio Lower Upper

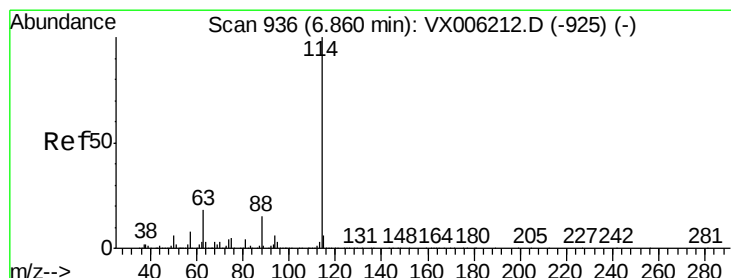
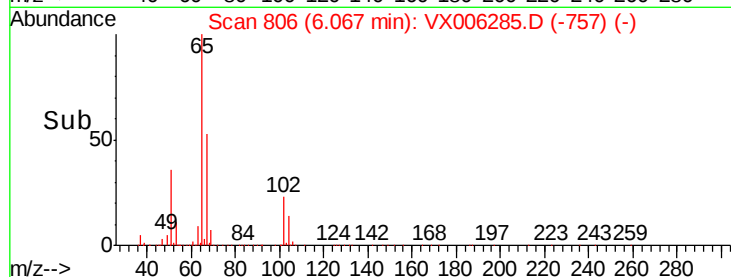
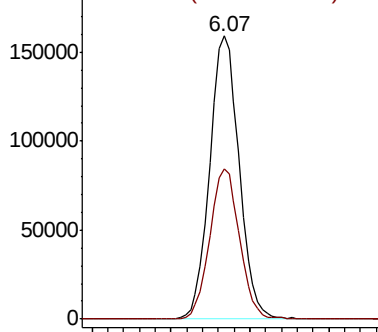
65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

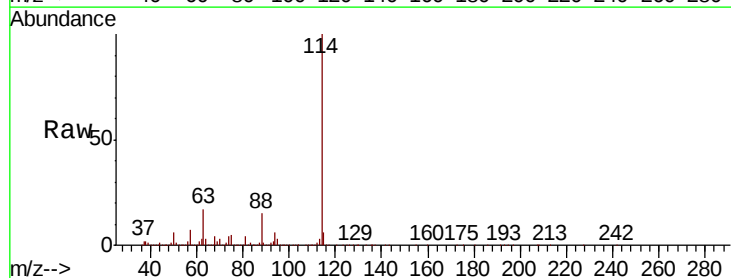
Tgt Ion: 114 Resp: 1260786

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

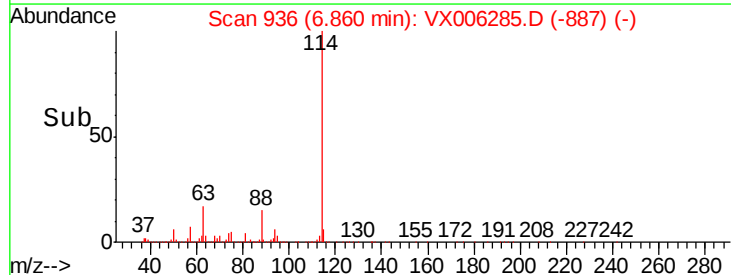
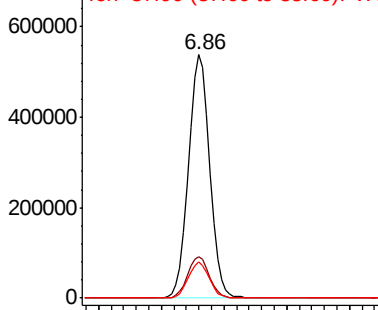
88 15.0 0.0 29.0

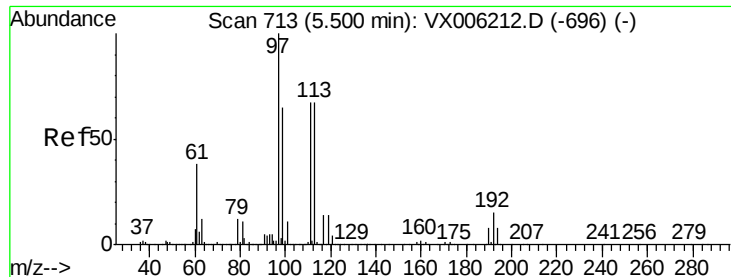


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.108 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

S32-0643

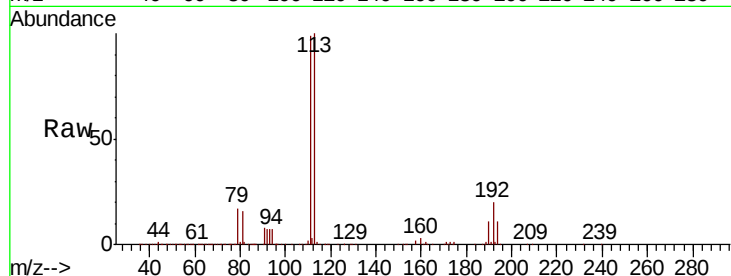
Tot Ion:113 Resp: 400874

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

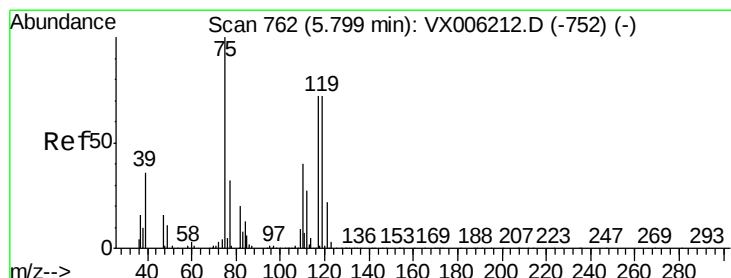
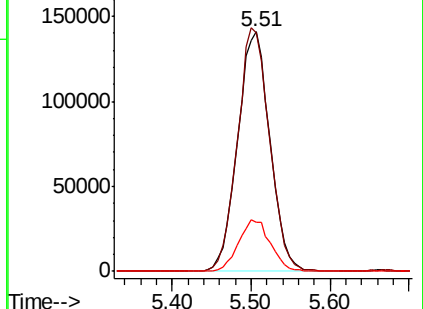
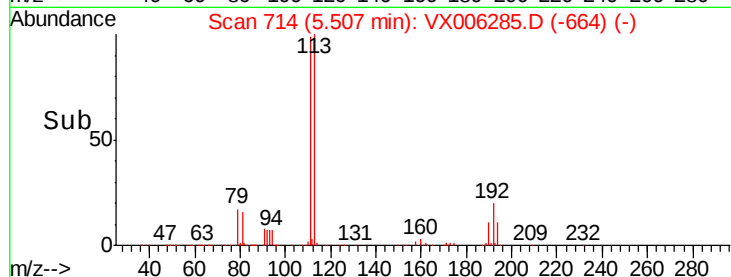
192 21.4 18.2 27.2



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: 5.027 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

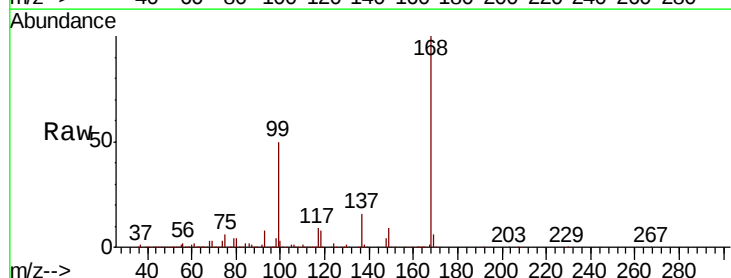
Tgt Ion: 75 Resp: 53368

Ion Ratio Lower Upper

75 100

110 10.7 20.4 61.3#

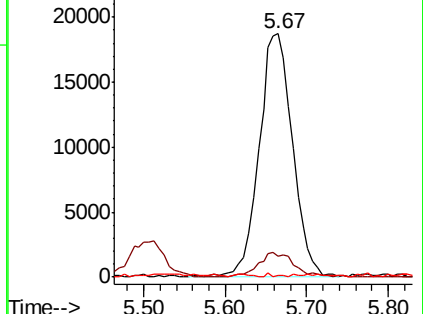
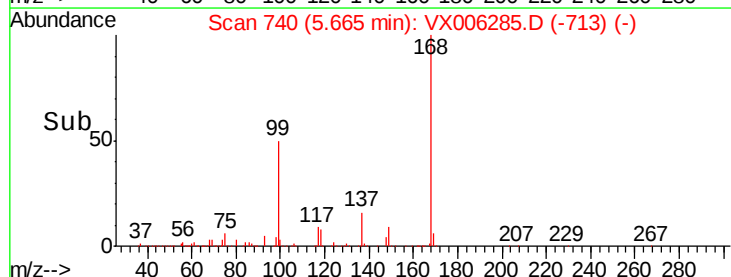
77 0.3 24.9 37.3#

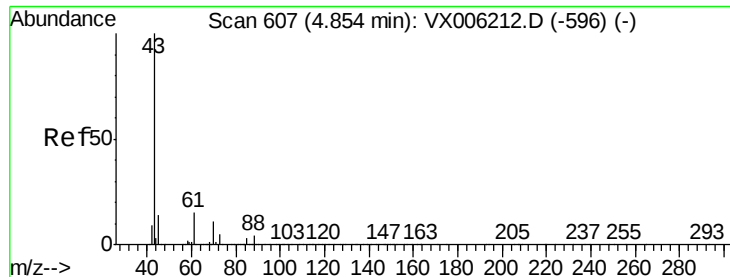


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

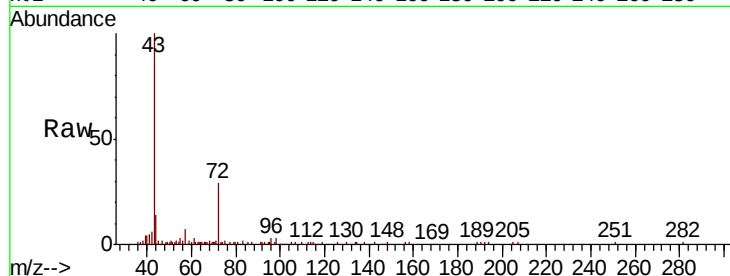




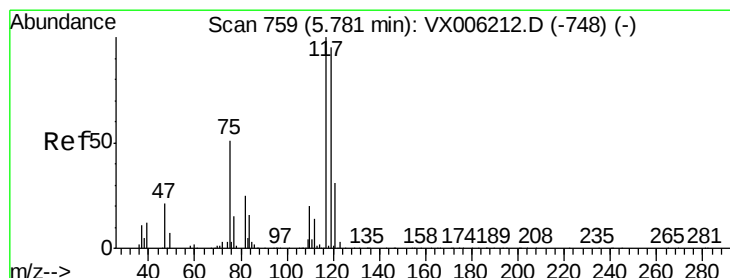
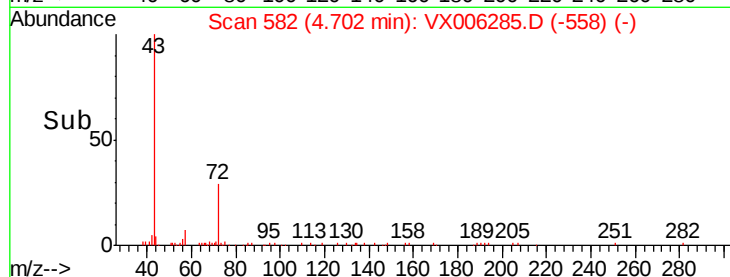
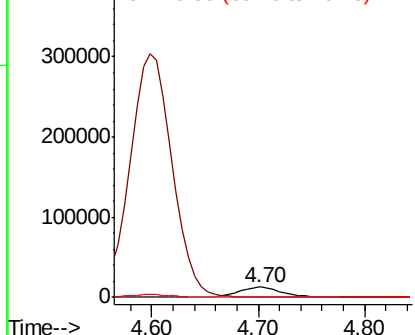
#37
Ethyl Acetate
Concen: 2.896 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tot Ion: 43 Resp: 34428
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.0 13.6#

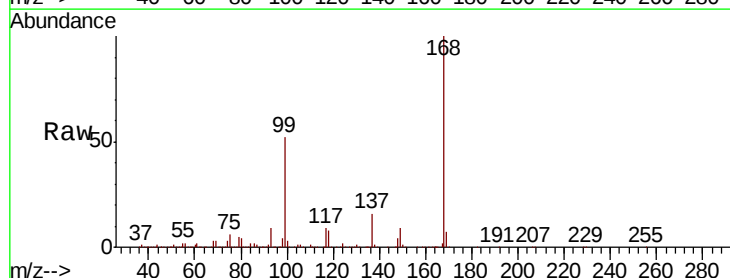


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

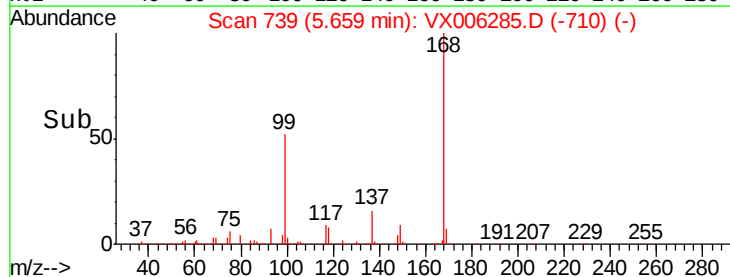
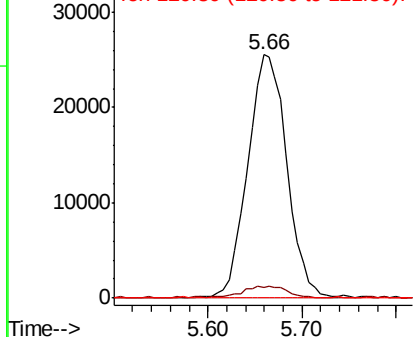


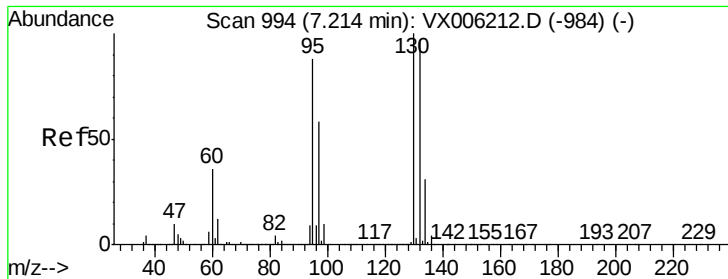
#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

Tgt Ion: 117 Resp: 74202
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.3 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

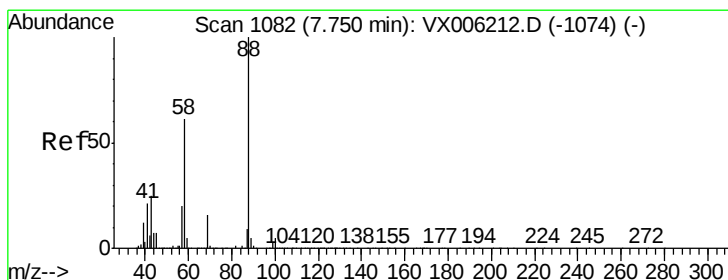
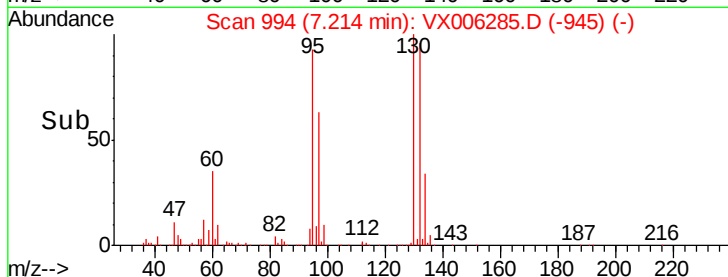
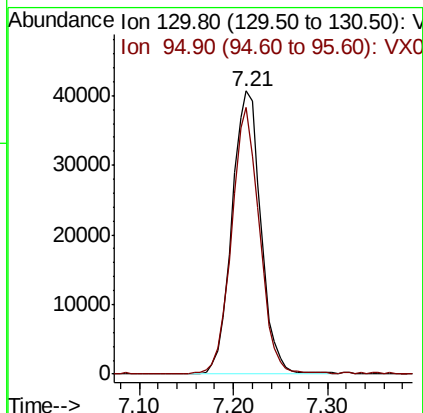
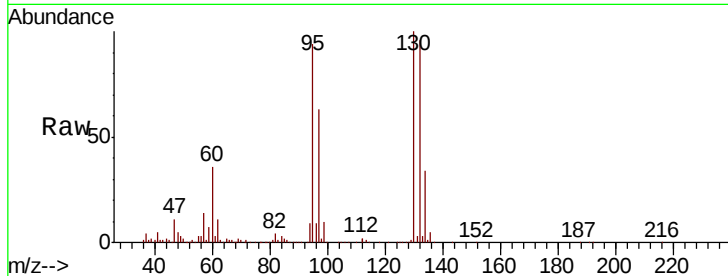




#44
 Trichloroethene
 Concen: 9.030 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006285.D
 Acq: 04 Dec 2018 18:15

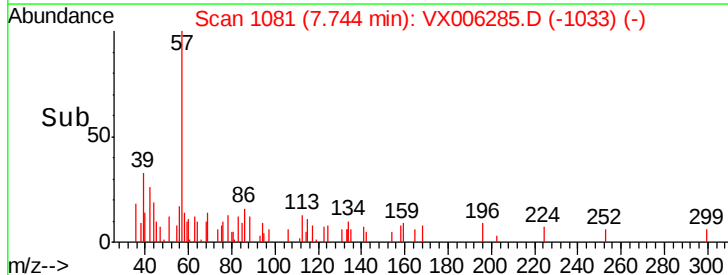
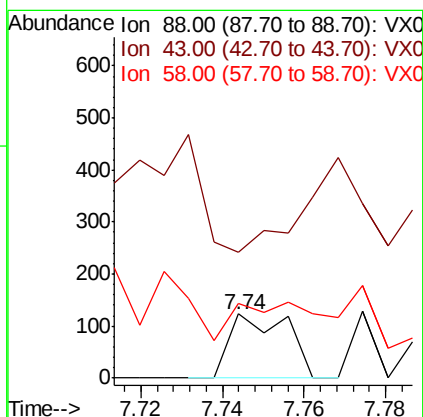
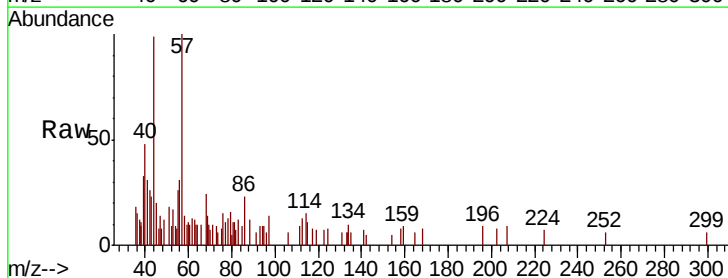
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0643

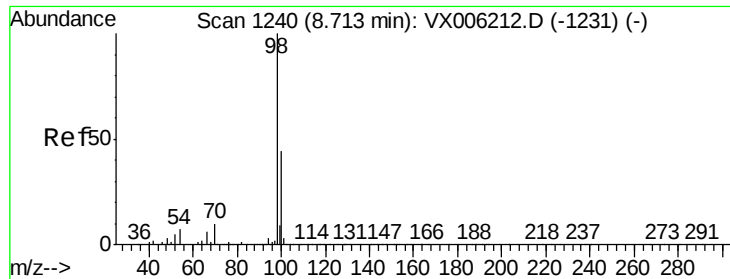
Tot Ion:130 Resp: 86991
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 175.8



#49
 1,4-Dioxane
 Concen: 0.509 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: VX006285.D
 Acq: 04 Dec 2018 18:15

Tgt Ion: 88 Resp: 121
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.2 34.8#
 58 0.0 51.4 77.0#





#50

Toluene-d8

Concen: 49.287 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

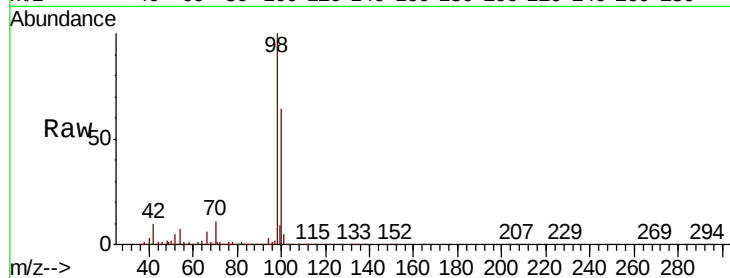
S32-0643

Tot Ion: 98 Resp: 1463459

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

1000000

800000

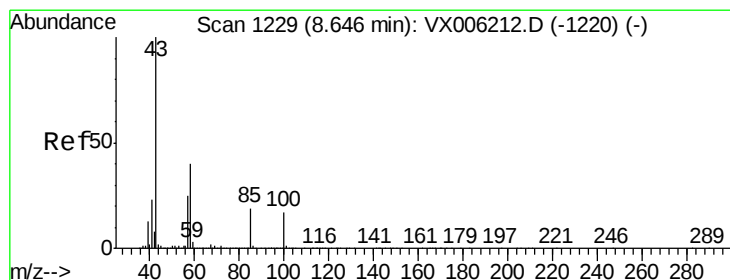
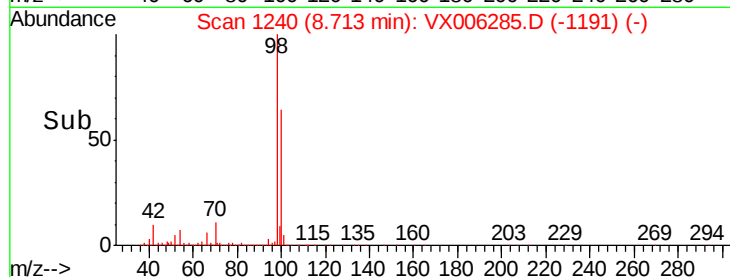
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.308 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006285.D

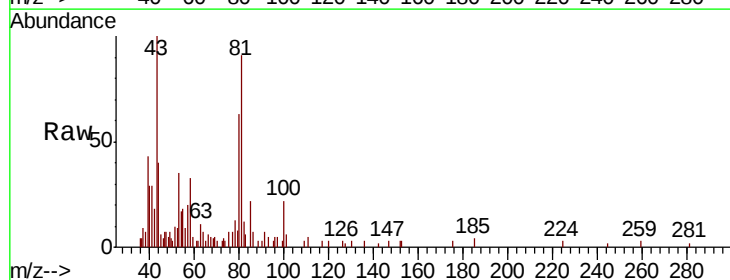
Acq: 04 Dec 2018 18:15

Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

43 100

58 59.5 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

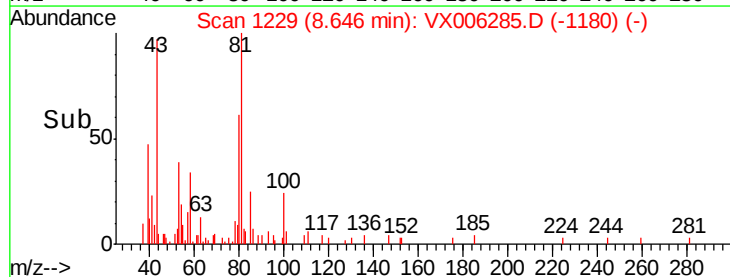
6000

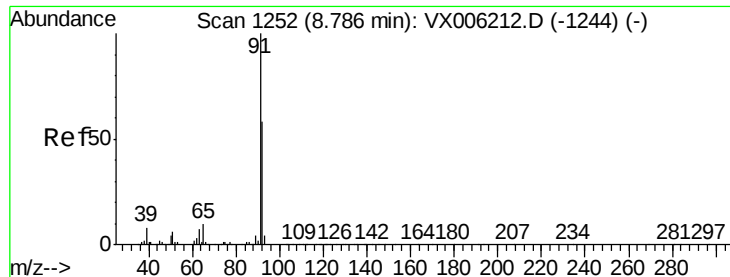
4000

2000

0

Time-->





#52

Toluene

Concen: 0.232 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

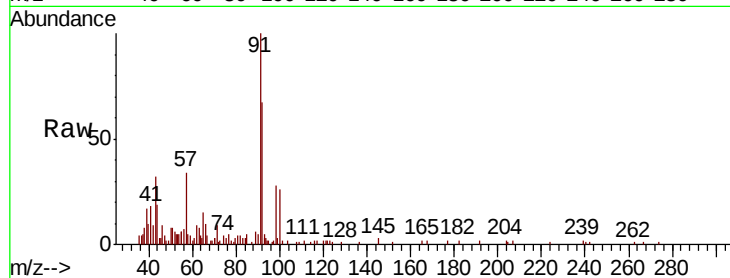
S32-0643

Tot Ion: 92 Resp: 4844

Ion Ratio Lower Upper

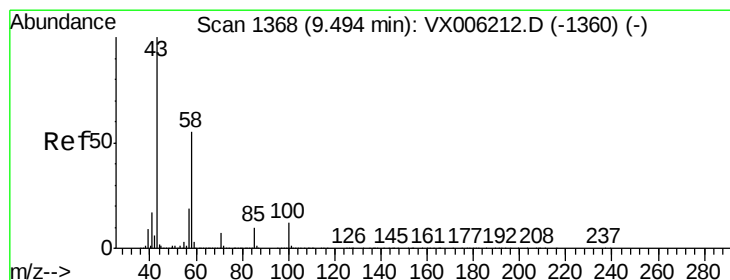
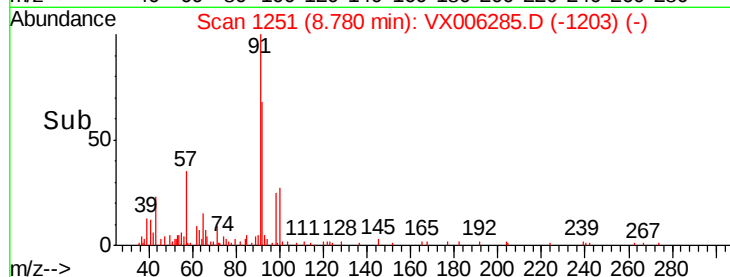
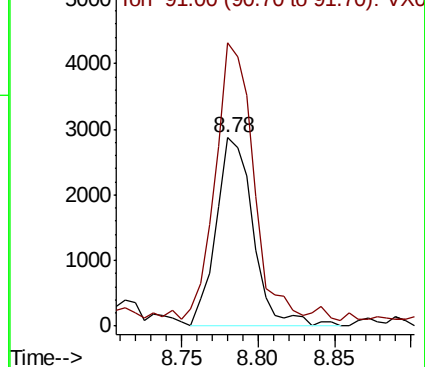
92 100

91 149.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 1.067 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX006285.D

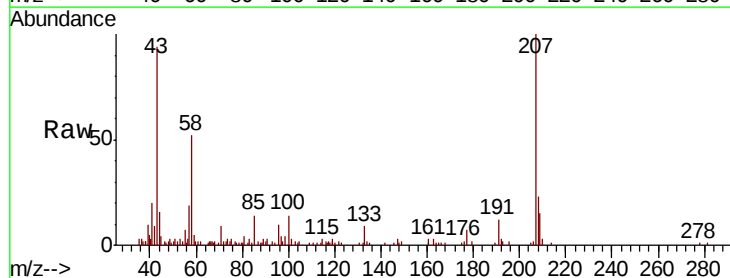
Acq: 04 Dec 2018 18:15

Tgt Ion: 43 Resp: 9411

Ion Ratio Lower Upper

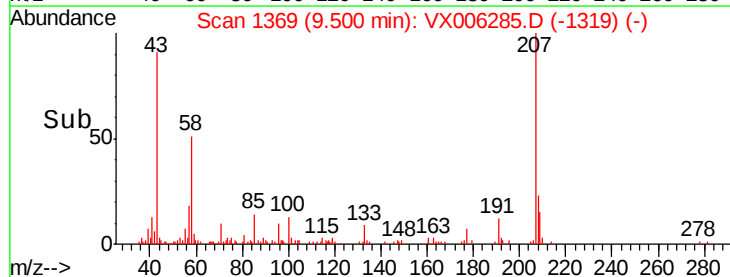
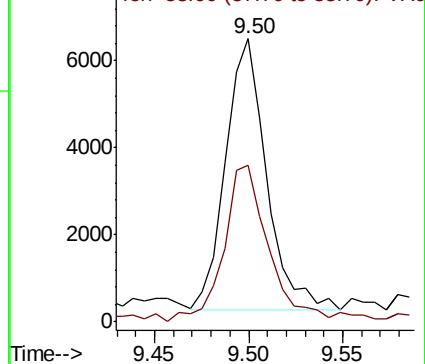
43 100

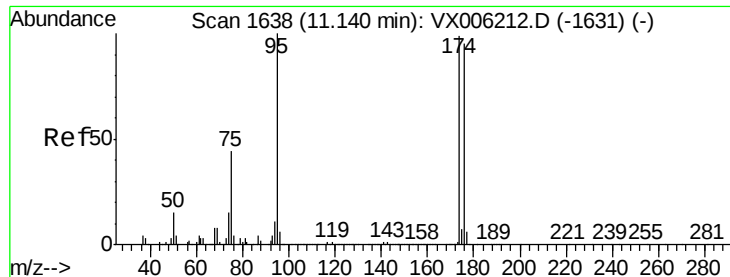
58 62.6 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.918 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

S32-0643

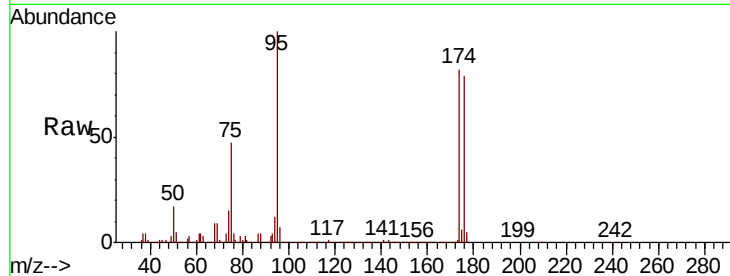
Tot Ion: 95 Resp: 547346

Ion Ratio Lower Upper

95 100

174 88.9 0.0 187.0

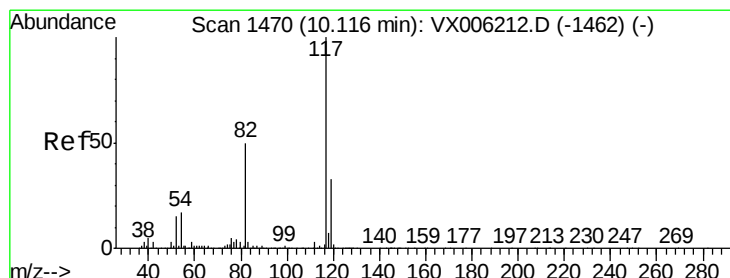
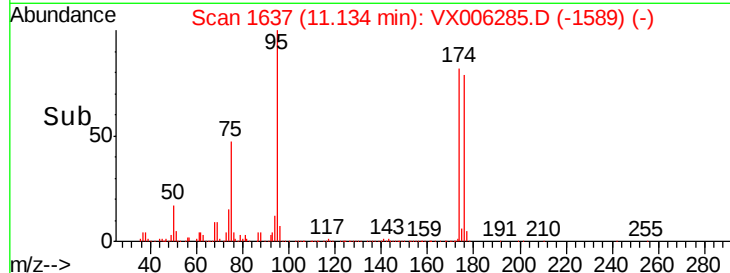
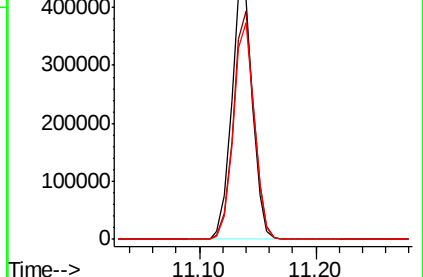
176 85.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

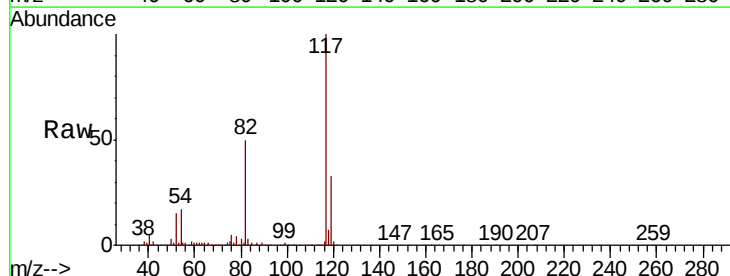
Tgt Ion: 117 Resp: 1135558

Ion Ratio Lower Upper

117 100

82 50.4 39.6 59.4

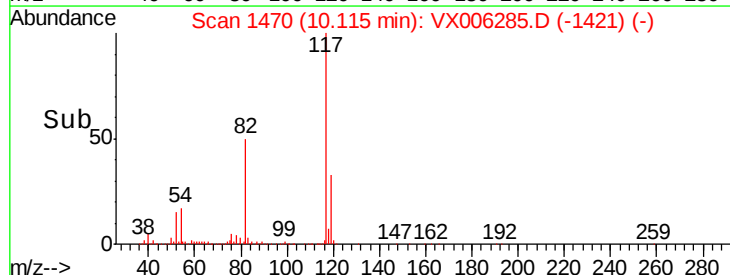
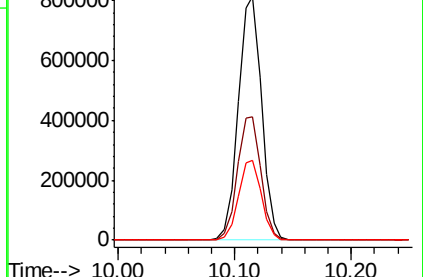
119 33.0 26.3 39.5

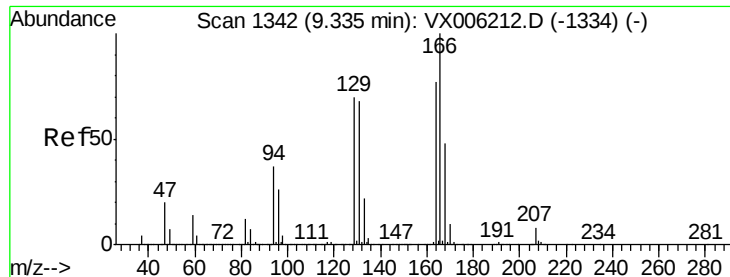


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.239 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

S32-0643

Tot Ion:164 Resp: 2047

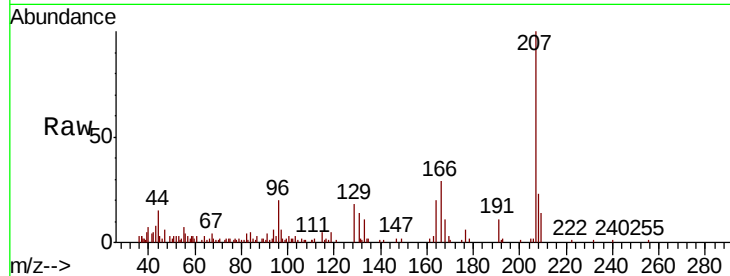
Ion Ratio Lower Upper

164 100

166 140.2 104.2 156.2

129 87.6 72.6 108.8

131 69.8 70.3 105.5#



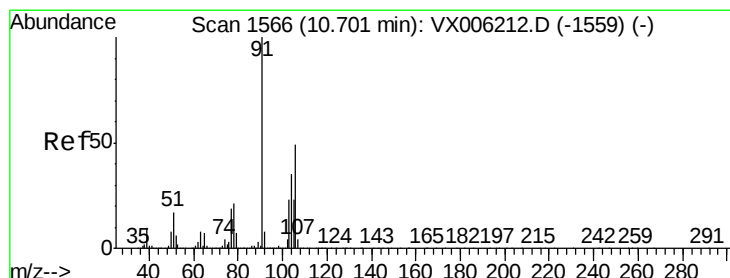
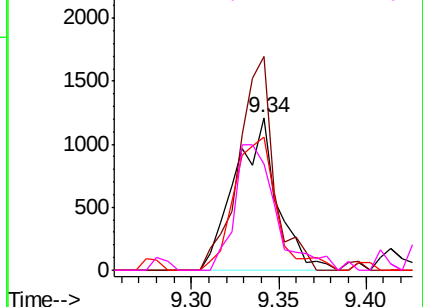
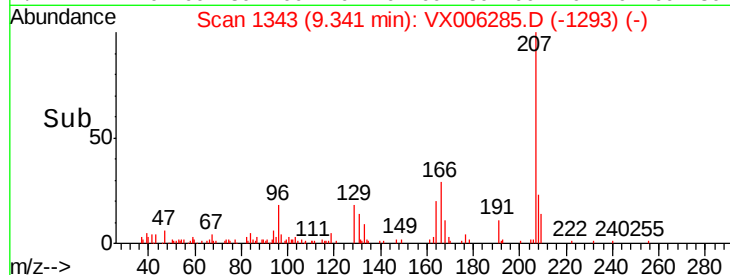
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#69

o-Xylene

Concen: 0.311 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006285.D

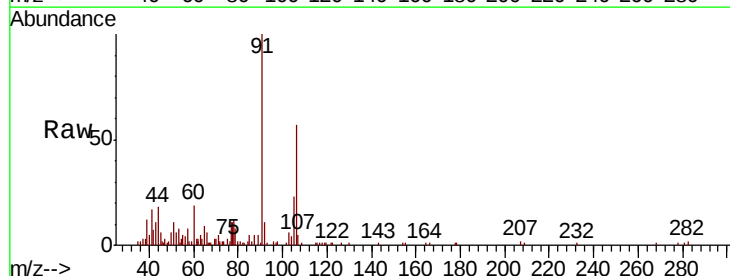
Acq: 04 Dec 2018 18:15

Tgt Ion:106 Resp: 4928

Ion Ratio Lower Upper

106 100

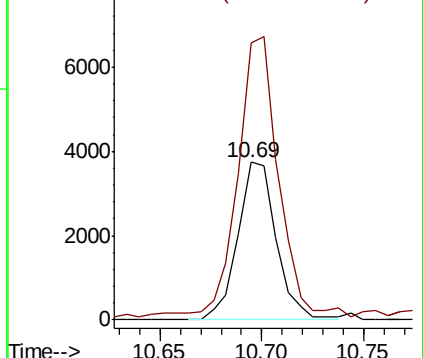
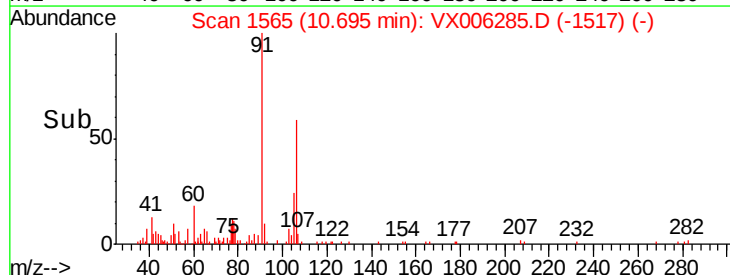
91 188.0 101.8 305.6

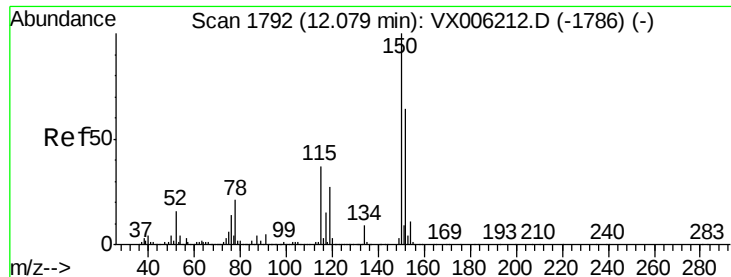


Abundance

Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



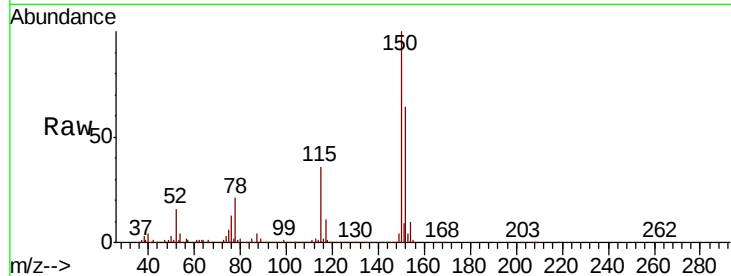


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
S32-0643

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	156.9	0.0	345.8

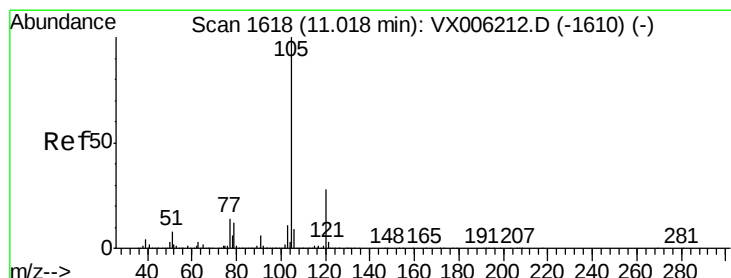
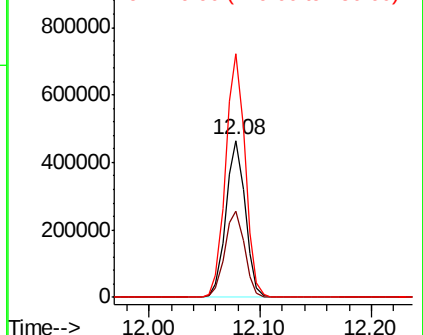
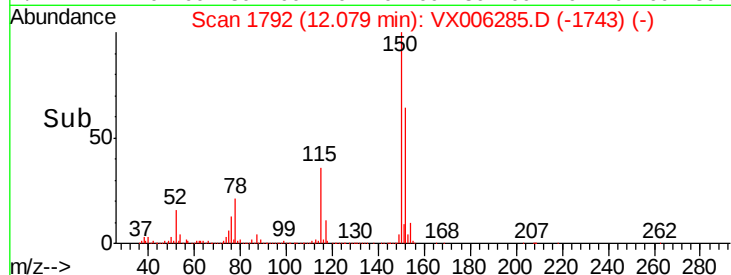


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

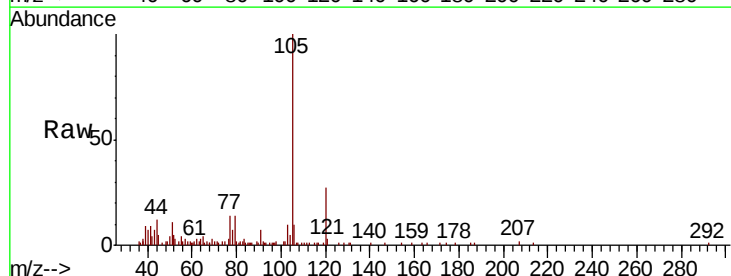
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.264 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006285.D
Acq: 04 Dec 2018 18:15

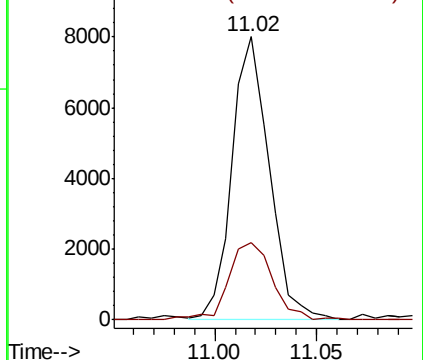
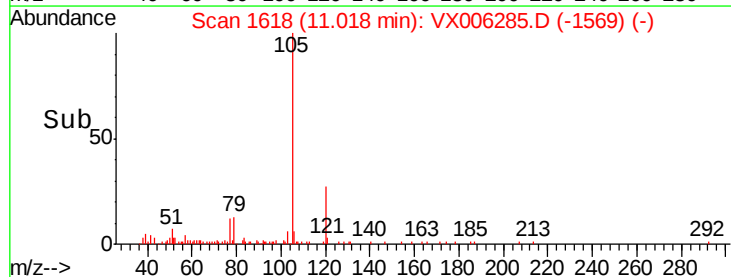
Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.5	14.1	42.3

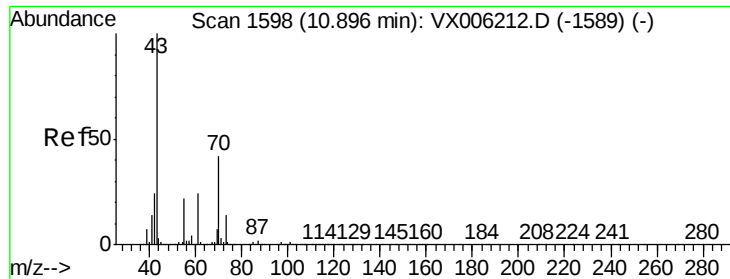


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.640 ug/l

RT: 10.93 min Scan# 1604

Delta R.T. 0.04 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

S32-0643

Tot Ion: 43 Resp: 10593

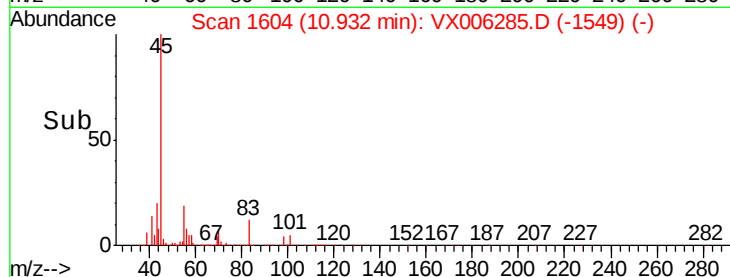
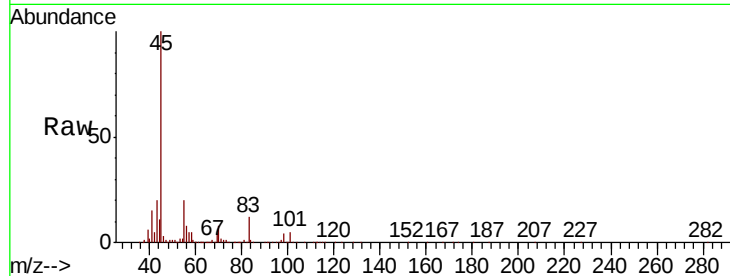
Ion Ratio Lower Upper

43 100

70 44.8 34.1 51.1

55 103.8 17.8 26.8#

61 0.0 19.7 29.5#

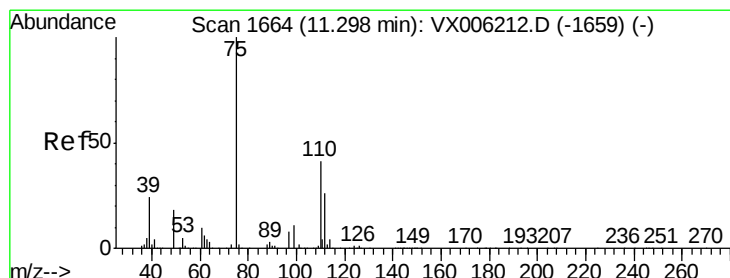
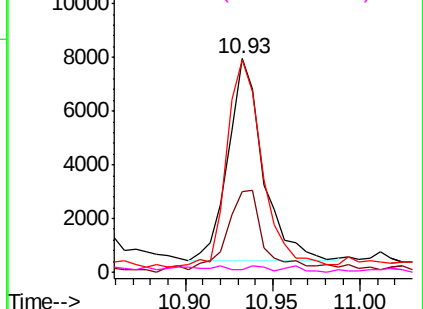


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.376 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006285.D

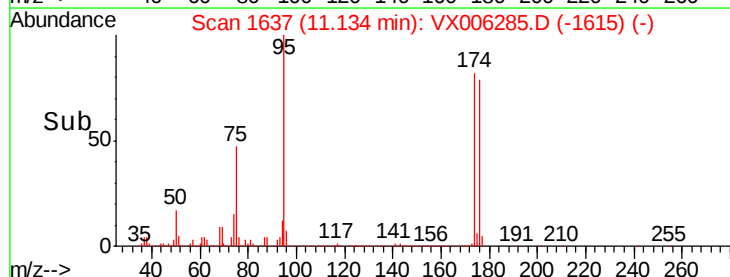
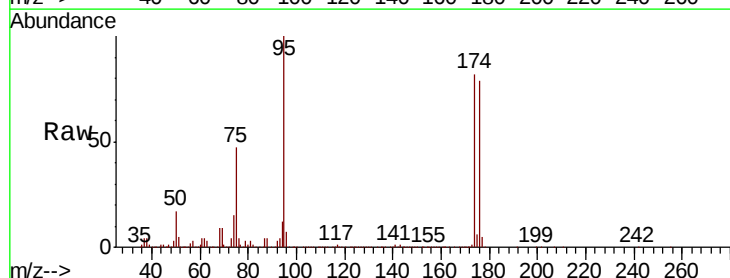
Acq: 04 Dec 2018 18:15

Tgt Ion: 75 Resp: 251304

Ion Ratio Lower Upper

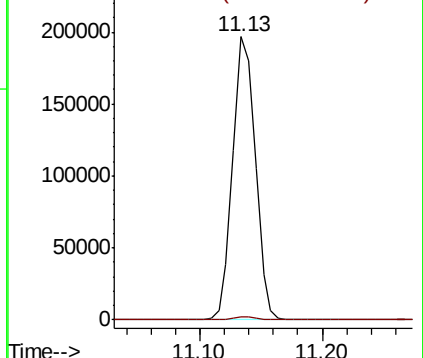
75 100

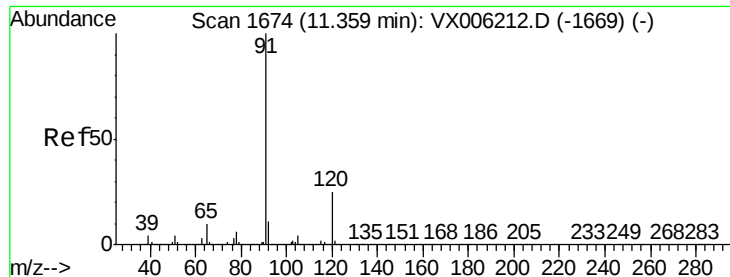
77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.381 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

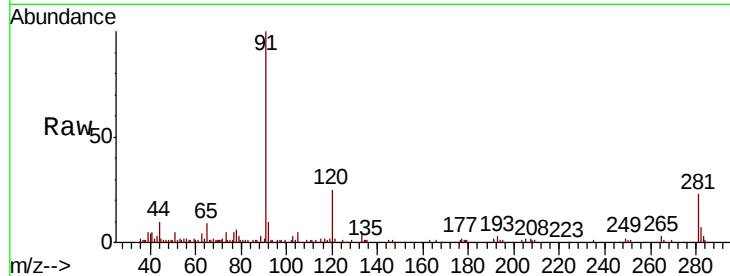
S32-0643

Tot Ion: 91 Resp: 16275

Ion Ratio Lower Upper

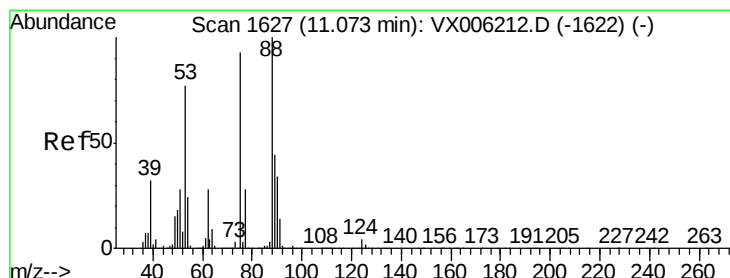
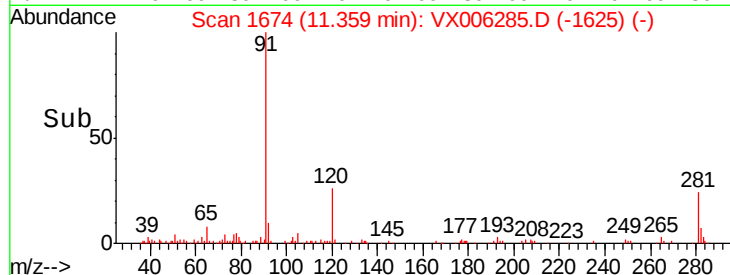
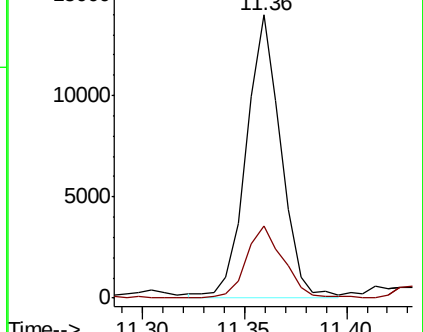
91 100

120 27.8 12.7 38.0



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: 54.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

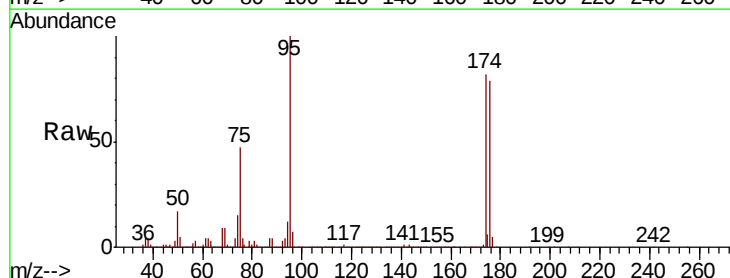
Tgt Ion: 75 Resp: 251304

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

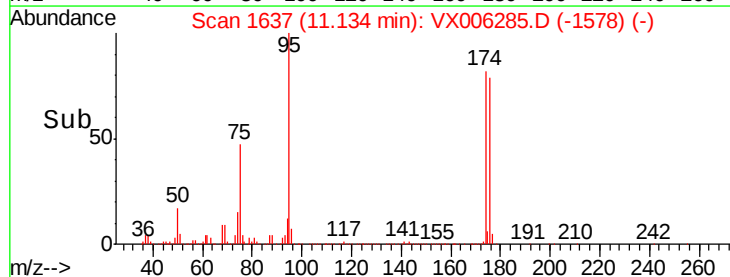
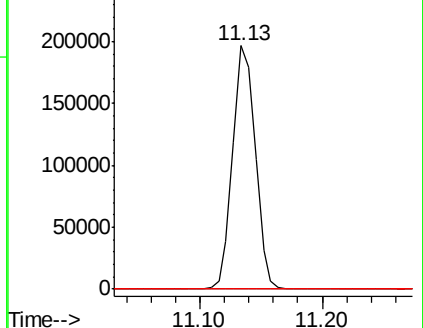
89 0.0 44.2 66.4#

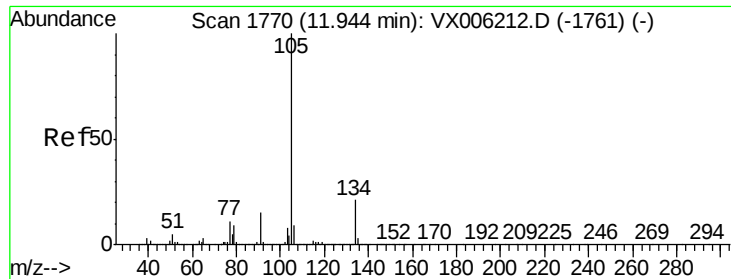


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#85

sec-Butylbenzene

Concen: 0.346 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006285.D

Acq: 04 Dec 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

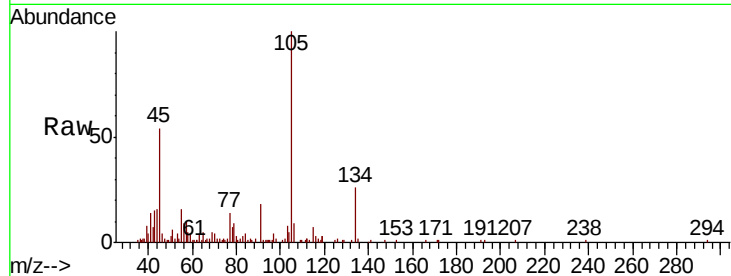
S32-0643

Tot Ion:105 Resp: 13451

Ion Ratio Lower Upper

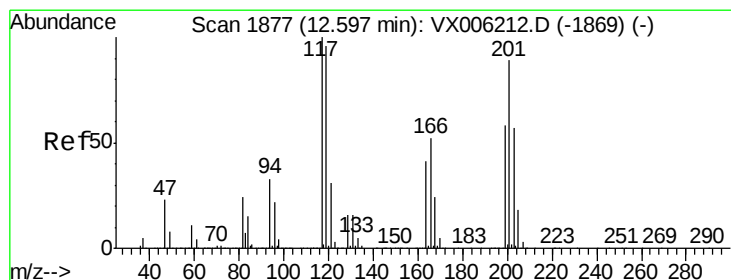
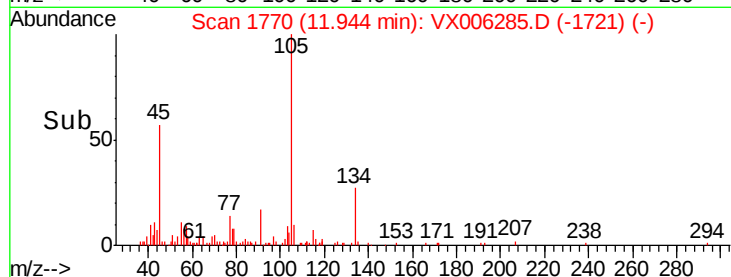
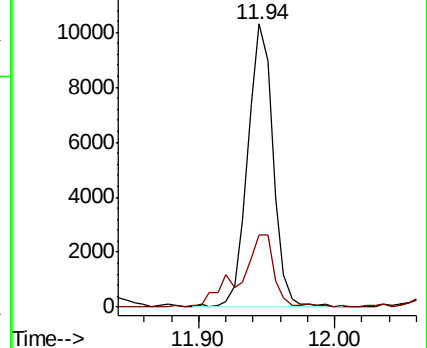
105 100

134 34.2 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.991 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX006285.D

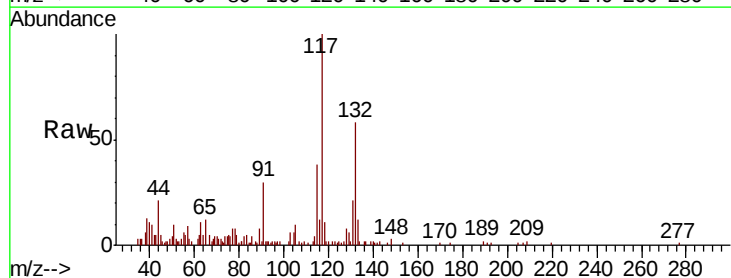
Acq: 04 Dec 2018 18:15

Tgt Ion:117 Resp: 7068

Ion Ratio Lower Upper

117 100

201 0.0 44.7 134.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

