

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008520.D
 Acq On : 28 Mar 2019 15:27
 Operator : JC/SP
 Sample : K2115-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Mar 29 01:29:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	160496	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	
35) Dibromofluoromethane	5.50	113	118887	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
50) Toluene-d8	8.71	98	493061	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	170669	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	5664	1.005	ug/l #	45
5) Bromomethane	1.63	94	415	2.007	ug/l #	46
6) Chloroethane	1.96	64	1643	0.724	ug/l #	43
10) Methyl Iodide	2.51	142	258	4.222	ug/l #	78
11) Tert butyl alcohol	3.04	59	214	0.274	ug/l #	72
16) Acetone	2.44	43	1192	0.647	ug/l	91
17) Carbon Disulfide	2.57	76	2040	Below Cal		97
20) Methylene Chloride	2.85	84	1017	Below Cal		84
31) Cyclohexane	5.58	56	1647	0.291	ug/l	93
36) 1,1-Dichloropropene	5.67	75	19700	4.772	ug/l #	51
38) Carbon Tetrachloride	5.67	117	22901	6.647	ug/l #	16
39) Methylcyclohexane	7.46	83	1664	0.337	ug/l #	83
40) Benzene	6.14	78	805095	65.139	ug/l	99
42) 1,2-Dichloroethane	6.14	62	7046	1.557	ug/l #	76
52) Toluene	8.79	92	97760	13.228	ug/l	97
67) Ethyl Benzene	10.25	91	247302	17.792	ug/l	100
68) m/p-Xylenes	10.36	106	112549	22.257	ug/l	98
69) o-Xylene	10.69	106	86012	17.528	ug/l	99
70) Styrene	10.69	104	4581	0.540	ug/l #	1
73) Isopropylbenzene	11.02	105	11252	0.931	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	86901	19.668	ug/l #	34
78) n-propylbenzene	11.36	91	5110	0.361	ug/l	97
79) 2-Chlorotoluene	11.43	91	4761	0.553	ug/l #	57
80) 1,3,5-Trimethylbenzene	11.51	105	22204	2.172	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	86901	62.995	ug/l #	9
82) 4-Chlorotoluene	11.51	91	2577	0.259	ug/l #	47
83) tert-Butylbenzene	11.80	119	8282	0.840	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.80	105	70130	6.783	ug/l	99
85) sec-Butylbenzene	11.80	105	70130	5.971	ug/l #	58
86) p-Isopropyltoluene	12.06	119	2587	0.250	ug/l #	68
89) n-Butylbenzene	12.30	91	37601	3.830	ug/l #	44
90) Hexachloroethane	12.47	117	13415	7.770	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3042	2.974	ug/l #	4
95) Naphthalene	13.83	128	1999658	165.000	ug/l	100

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

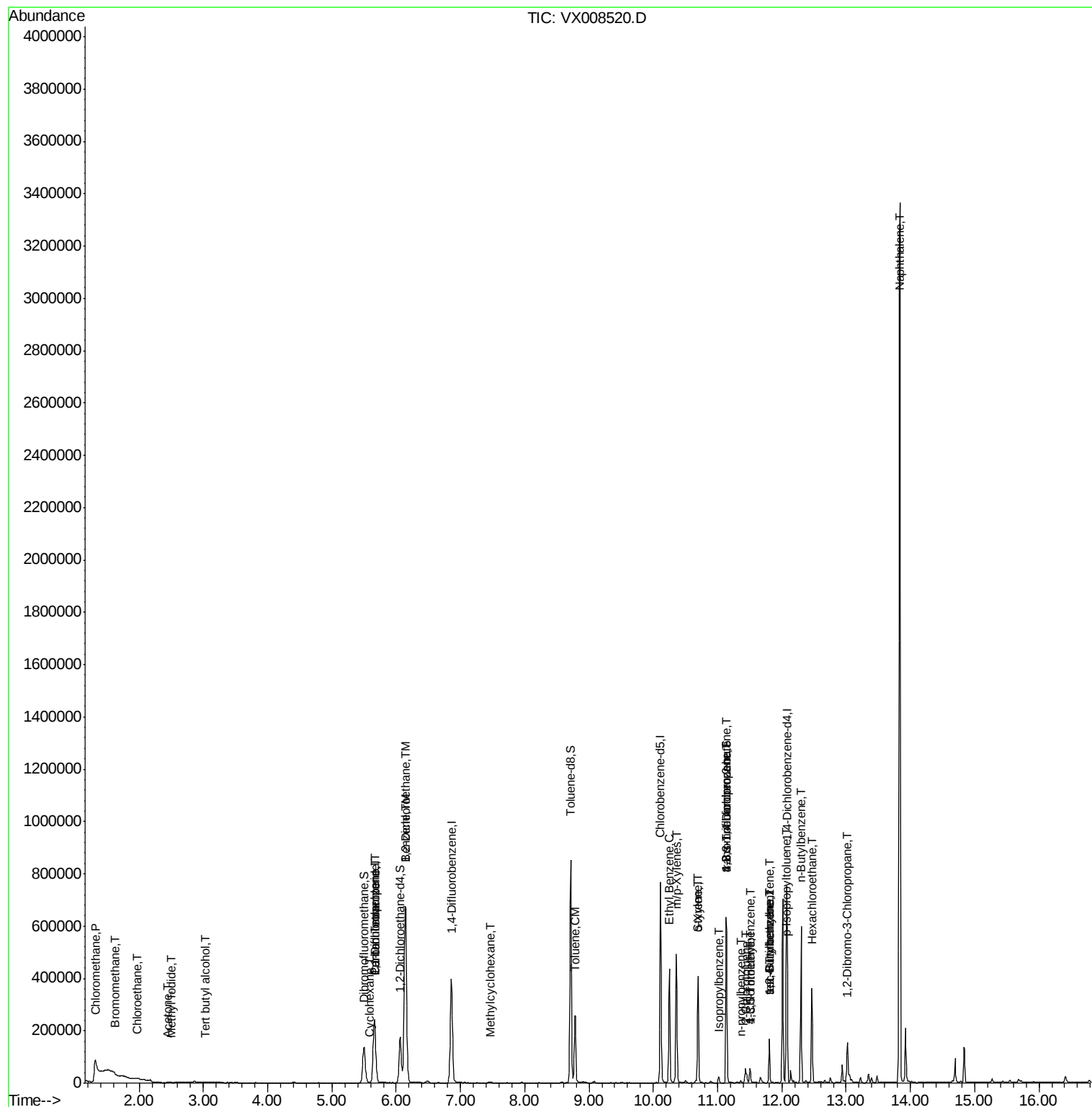
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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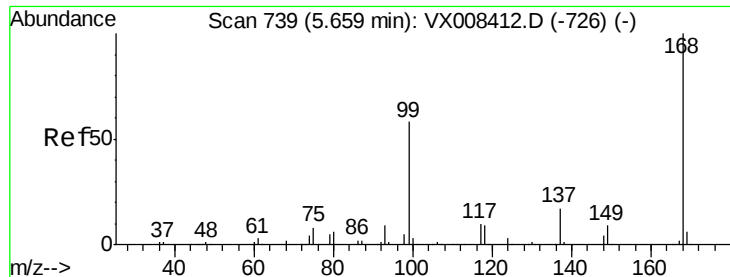
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

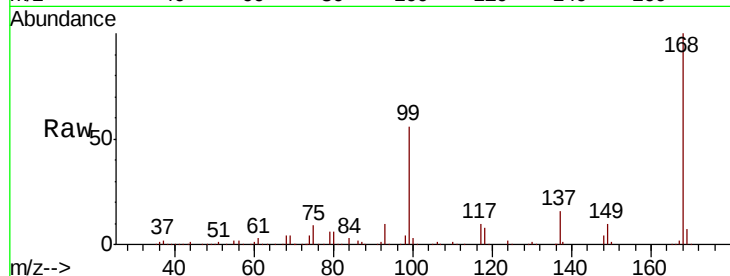
QNWP8-MW26S-GW

Tot Ion:168 Resp: 232665

Ion Ratio Lower Upper

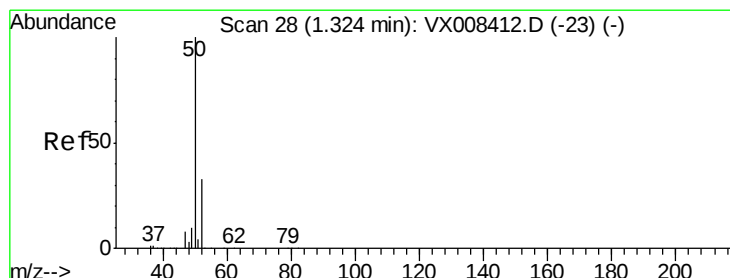
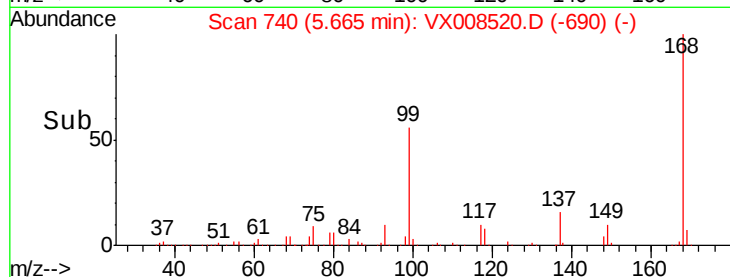
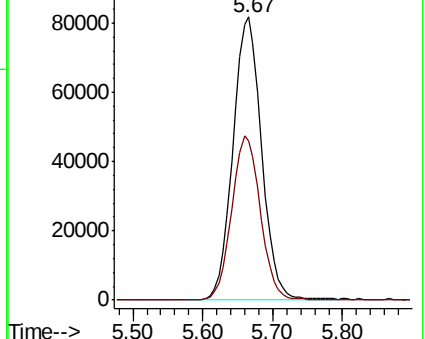
168 100

99 56.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.005 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008520.D

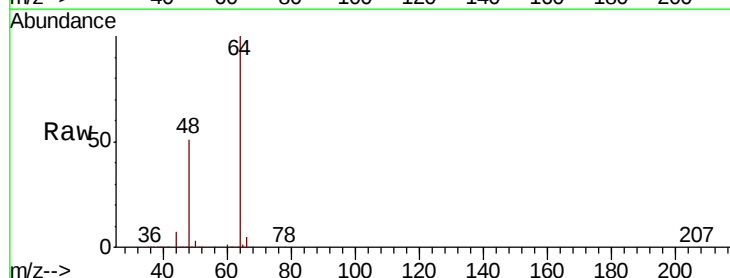
Acq: 28 Mar 2019 15:27

Tgt Ion: 50 Resp: 5664

Ion Ratio Lower Upper

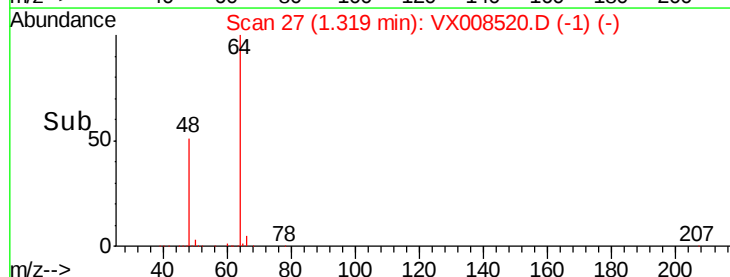
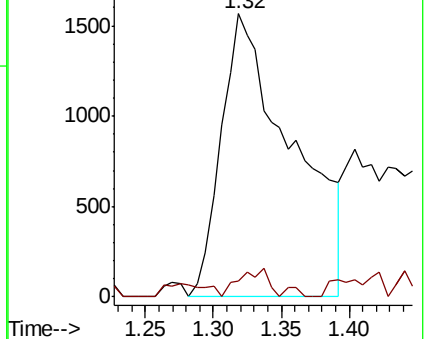
50 100

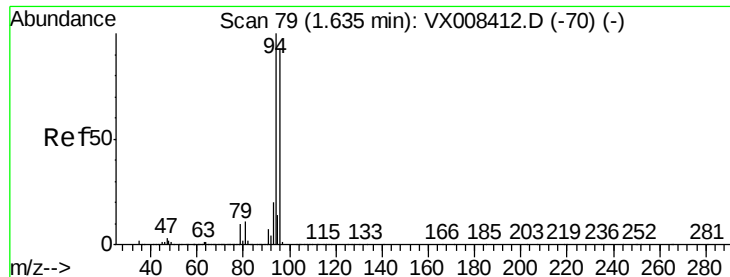
52 1.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.007 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

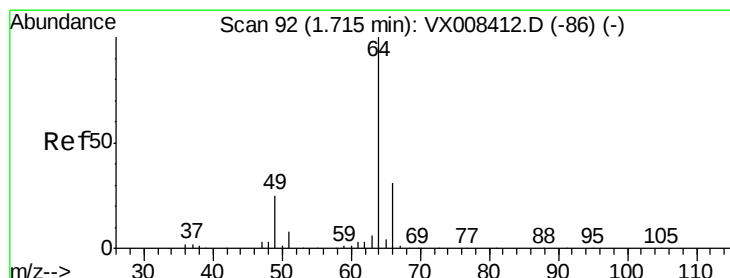
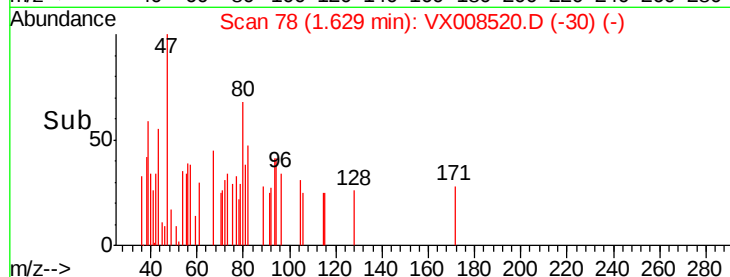
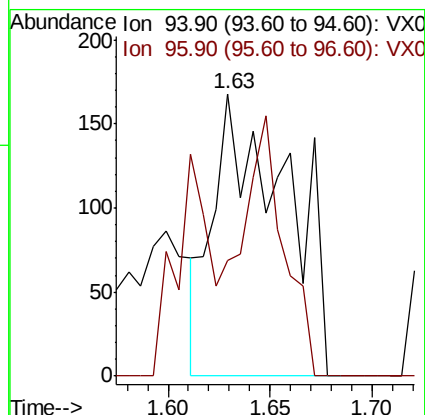
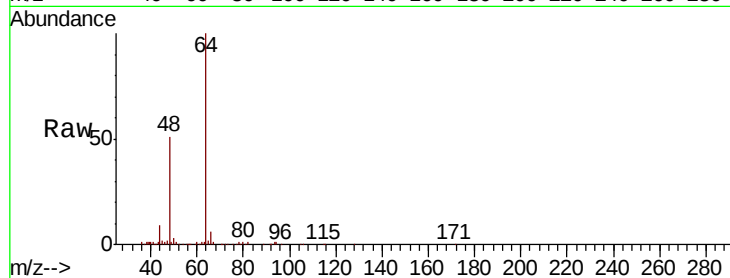
QNWP8-MW26S-GW

Tot Ion: 94 Resp: 415

Ion Ratio Lower Upper

94 100

96 41.1 74.8 112.2#



#6

Chloroethane

Concen: 0.724 ug/l

RT: 1.96 min Scan# 133

Delta R.T. 0.25 min

Lab File: VX008520.D

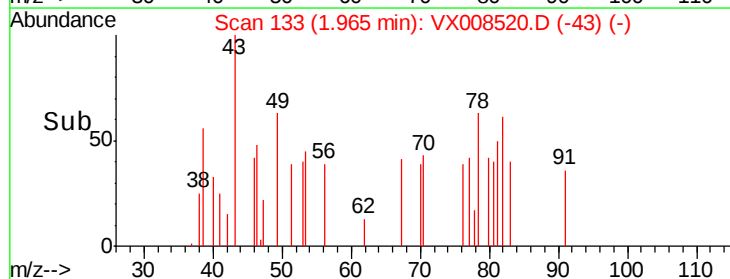
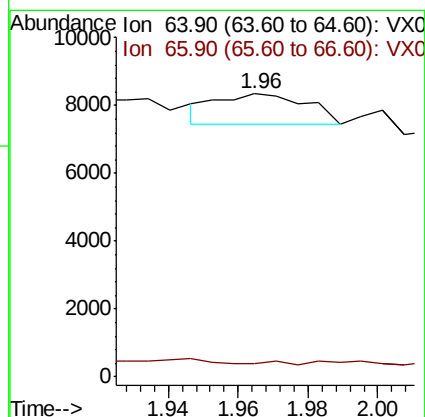
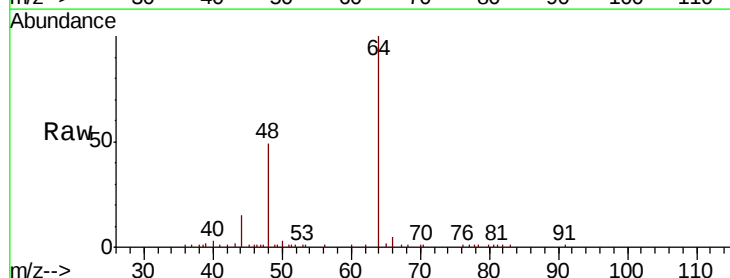
Acq: 28 Mar 2019 15:27

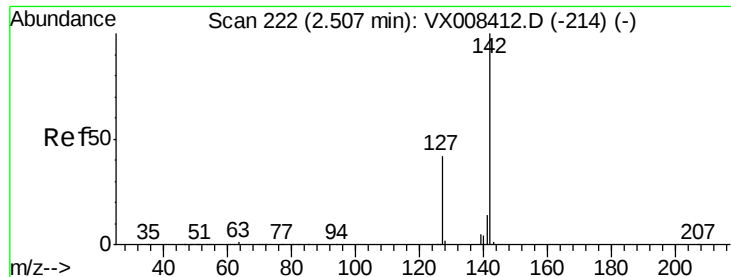
Tgt Ion: 64 Resp: 1643

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

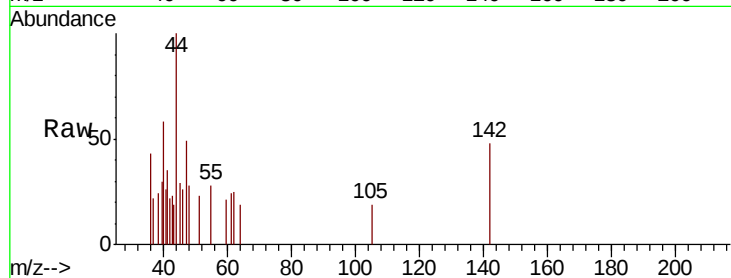




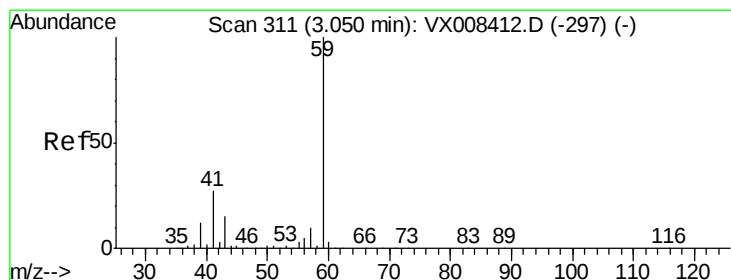
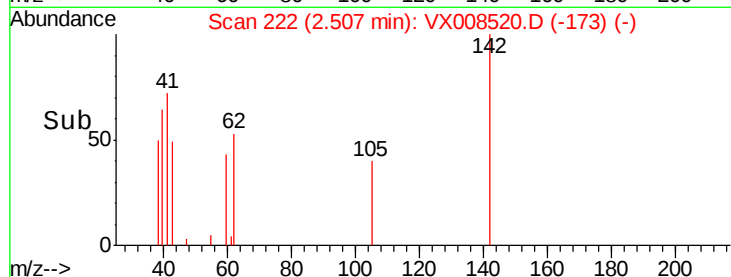
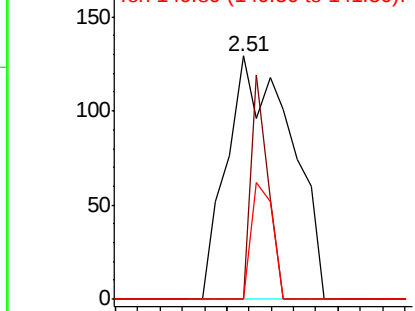
#10
Methvl Iodide
Concen: 4.222 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
127 24.4 33.6 50.4#
141 16.3 11.3 16.9

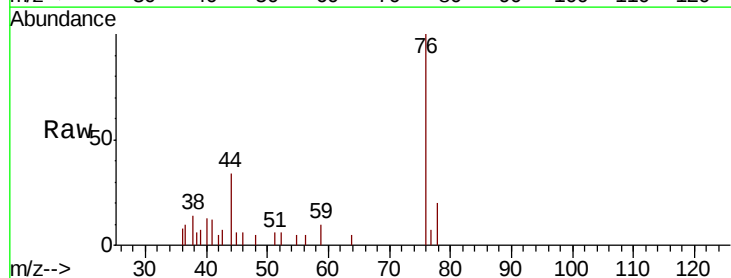


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

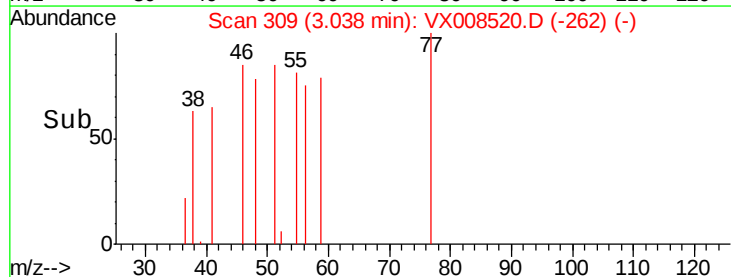
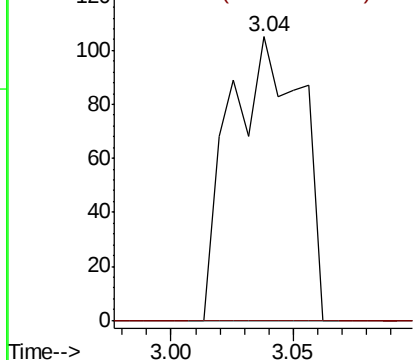


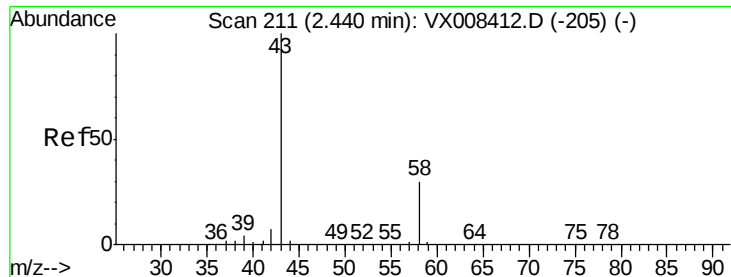
#11
Tert butyl alcohol
Concen: 0.274 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 0.647 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

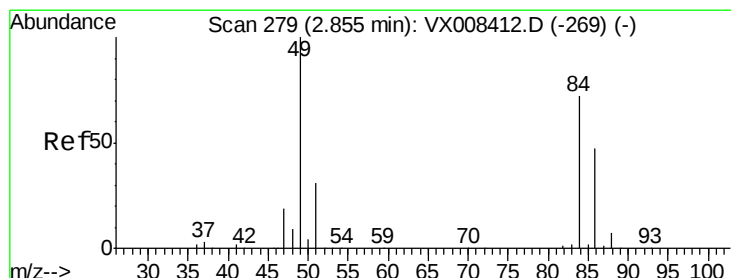
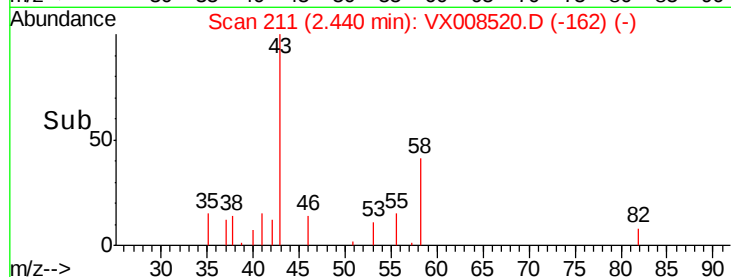
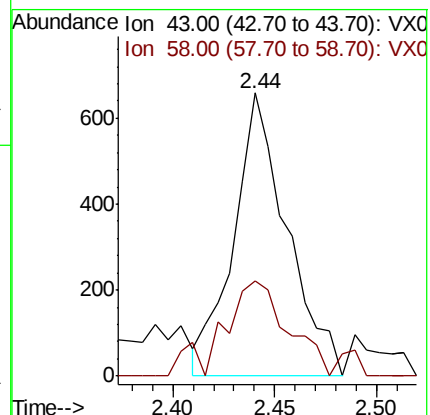
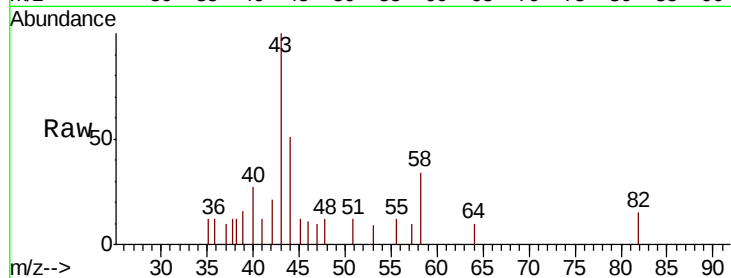
QNWP8-MW26S-GW

Tot Ion: 43 Resp: 1192

Ion Ratio Lower Upper

43 100

58 25.5 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Tgt Ion: 84 Resp: 1017

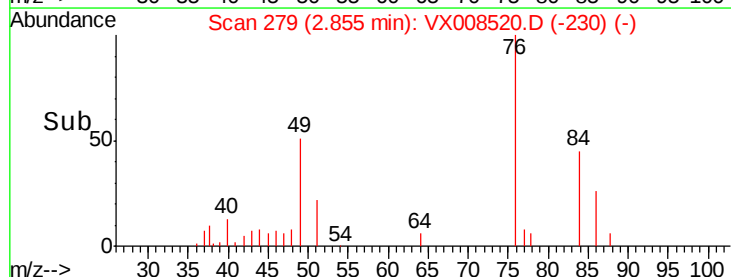
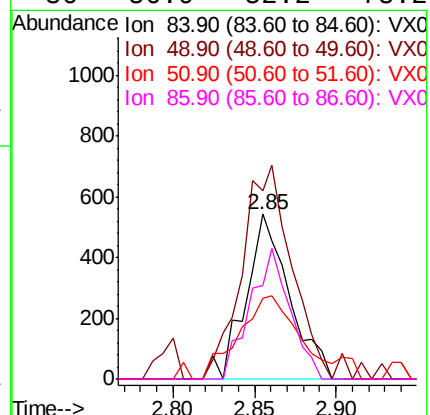
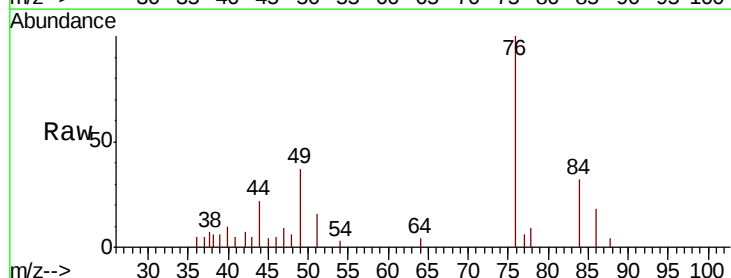
Ion Ratio Lower Upper

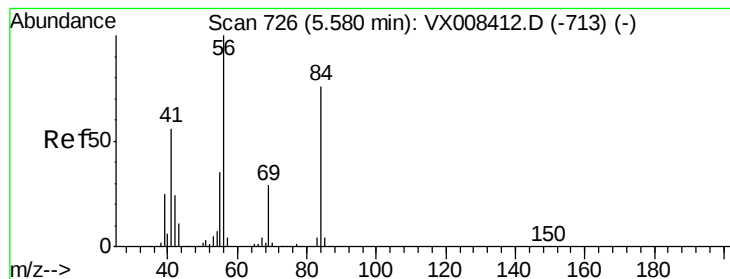
84 100

49 114.0 110.6 165.8

51 48.6 33.9 50.9

86 56.9 52.2 78.2





#31

Cyclohexane

Concen: 0.291 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

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ClientSampleId :

QNWP8-MW26S-GW

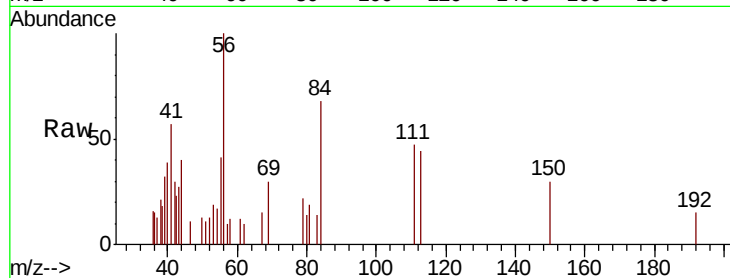
Tot Ion: 56 Resp: 1647

Ion Ratio Lower Upper

56 100

69 29.9 23.2 34.8

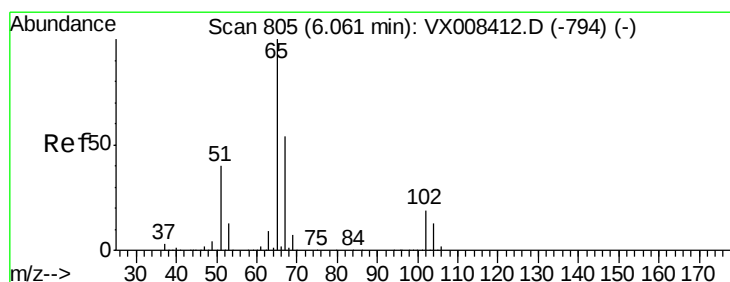
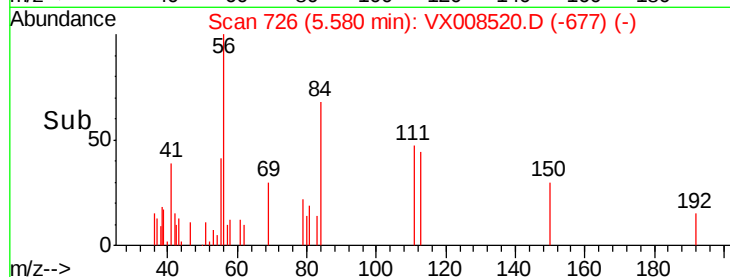
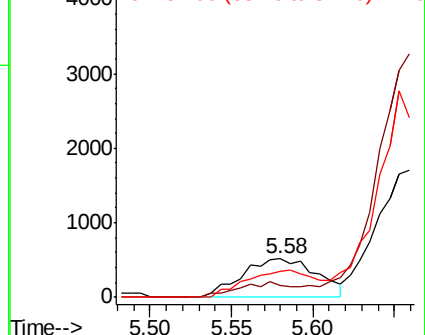
84 68.3 60.7 91.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.502 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008520.D

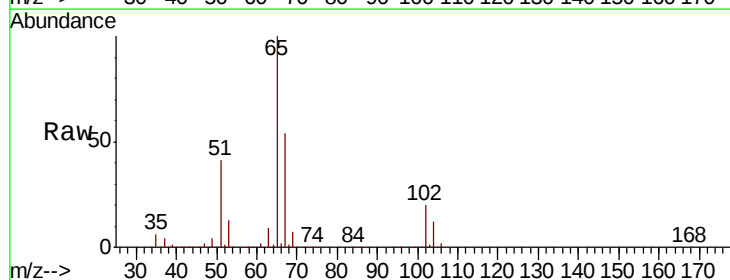
Acq: 28 Mar 2019 15:27

Tgt Ion: 65 Resp: 160496

Ion Ratio Lower Upper

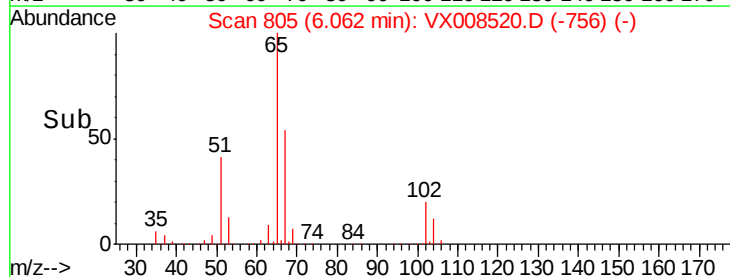
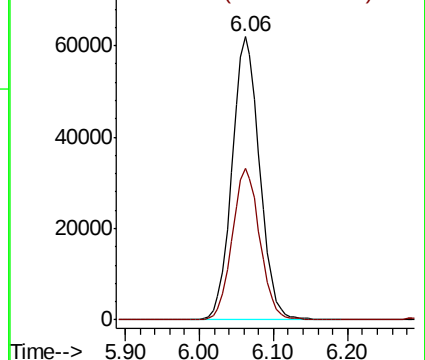
65 100

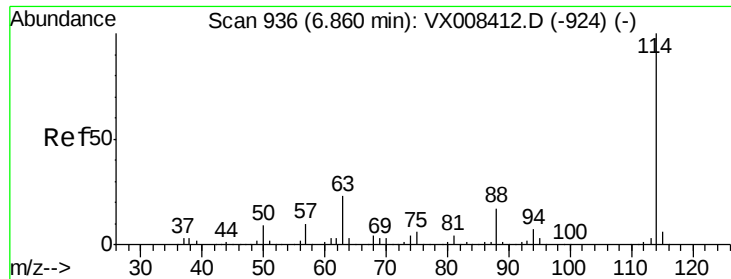
67 53.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

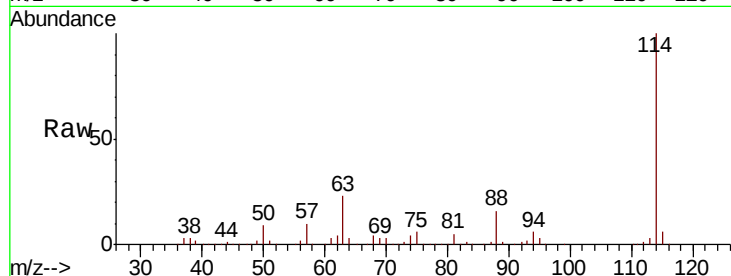




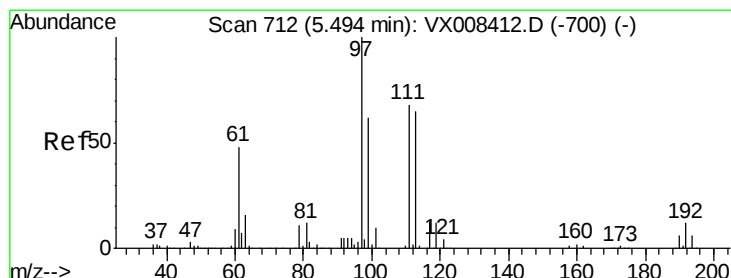
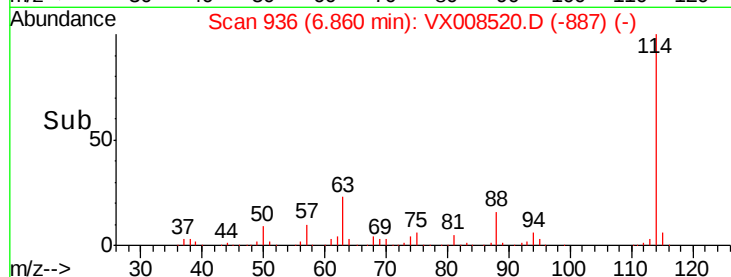
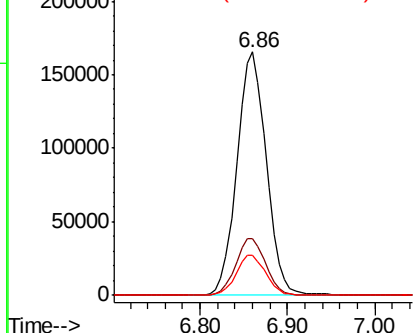
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion:114 Resp: 387204
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.3 0.0 33.2

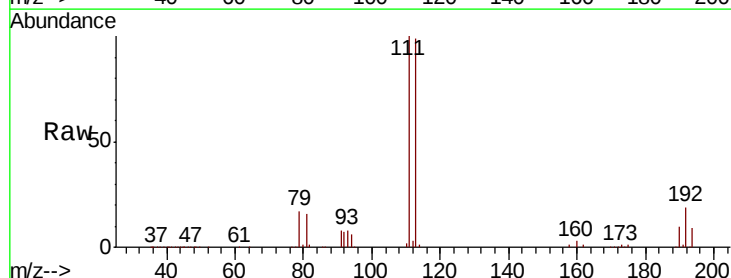


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

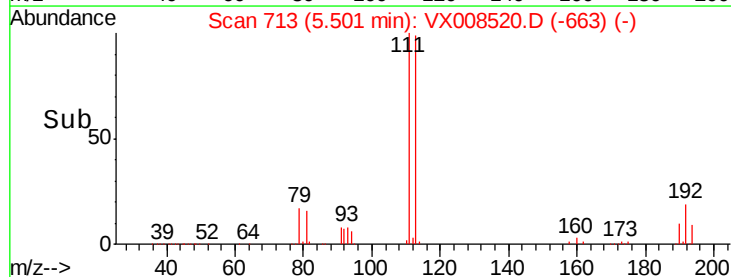
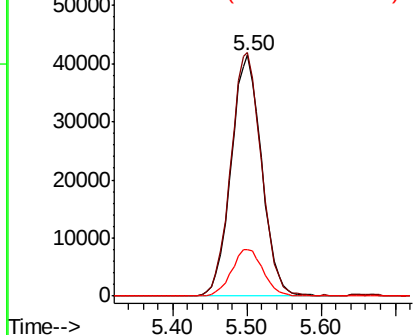


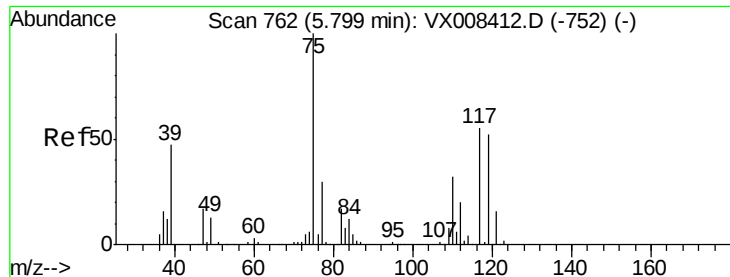
#35
 Dibromofluoromethane
 Concen: 47.089 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

Tgt Ion:113 Resp: 118887
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.4
 192 20.0 15.6 23.4



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

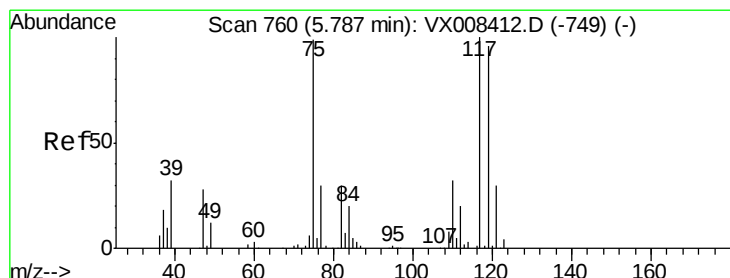
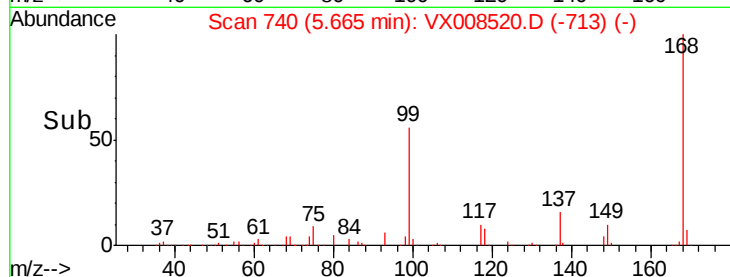
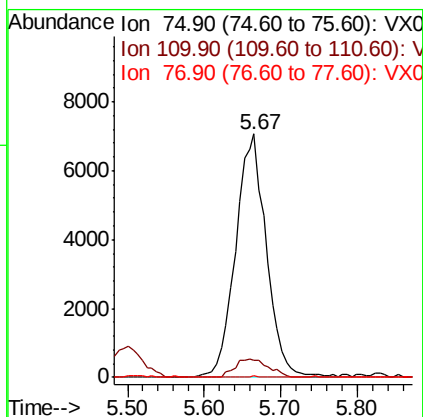
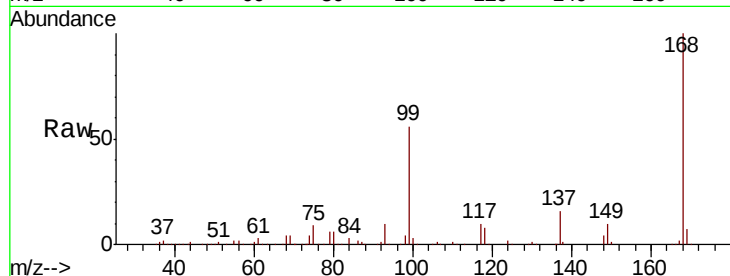




#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

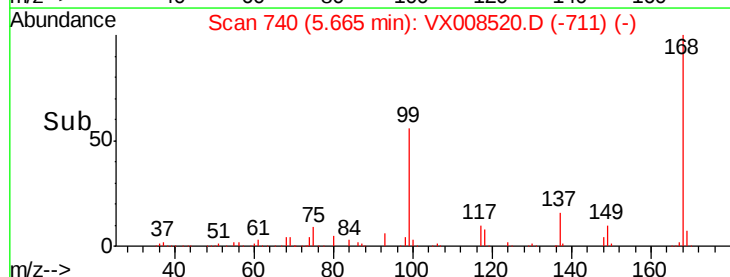
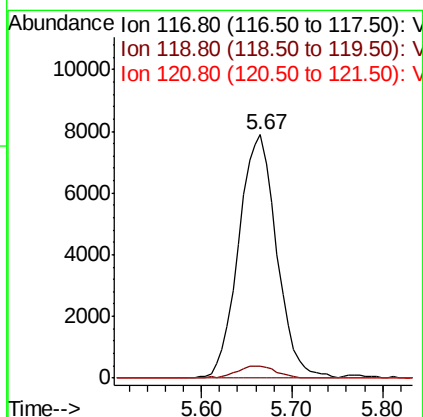
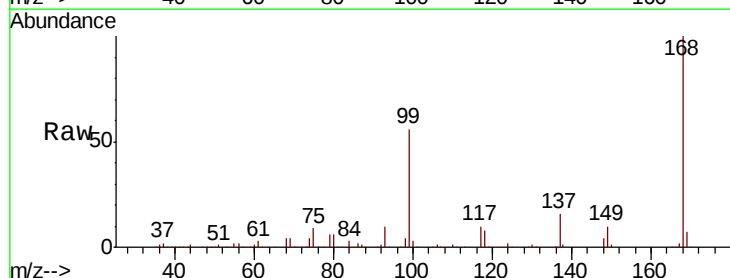
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

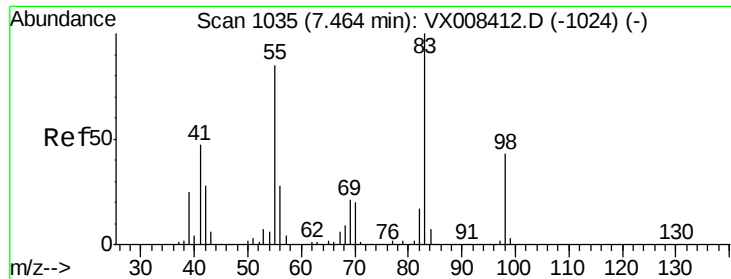
Tot Ion: 75 Resp: 19700
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.6 49.7#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.647 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

Tgt Ion: 117 Resp: 22901
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.7 115.1#
 121 0.0 24.3 36.5#

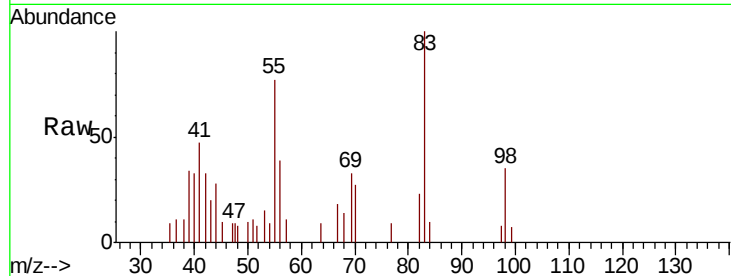




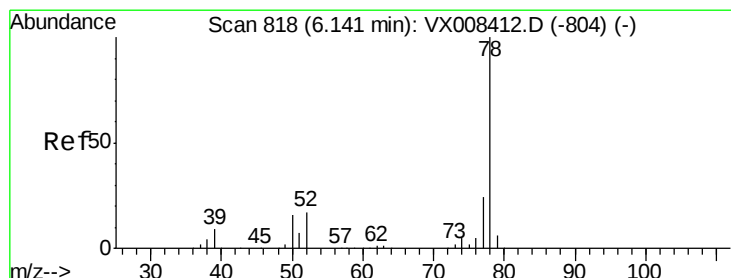
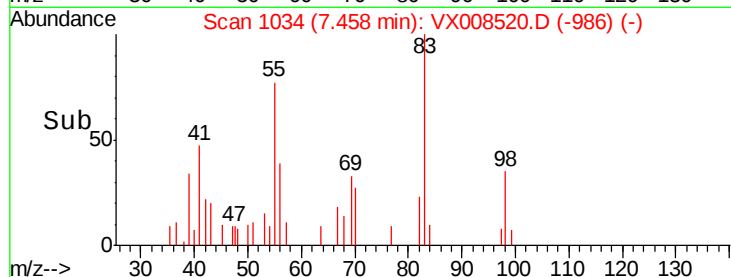
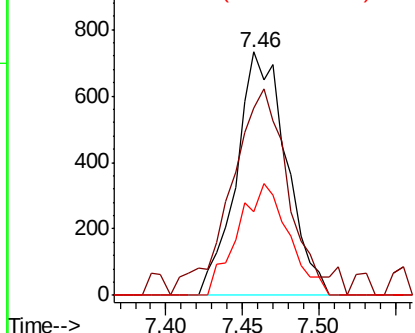
#39
Methvlcvclohexane
Concen: 0.337 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion: 83 Resp: 1664
Ion Ratio Lower Upper
83 100
55 67.9 68.2 102.4#
98 34.5 34.2 51.4

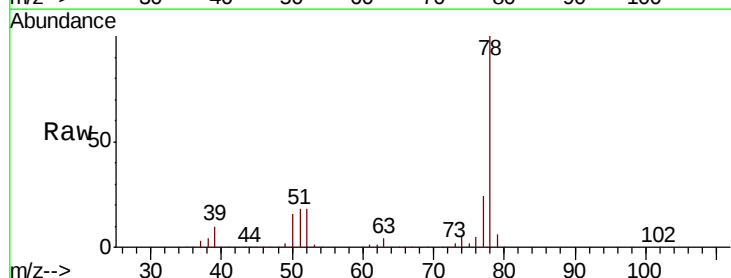


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

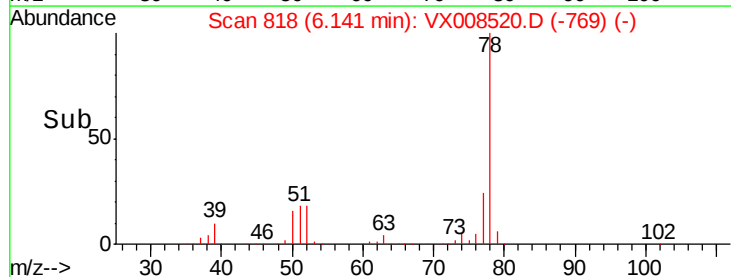
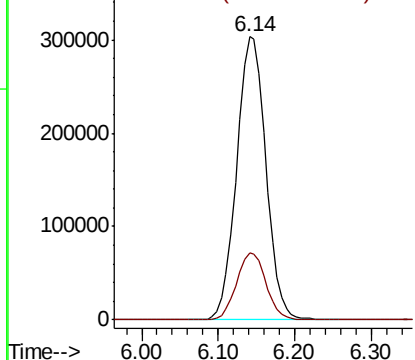


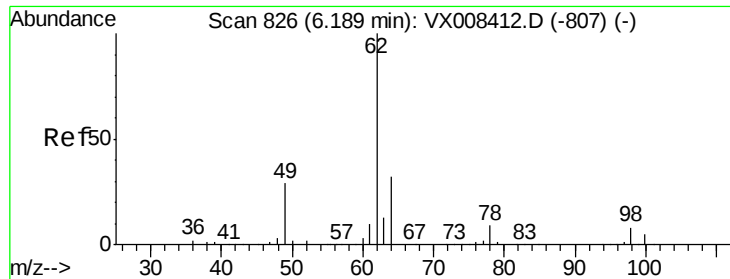
#40
Benzene
Concen: 65.139 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Tgt Ion: 78 Resp: 805095
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



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

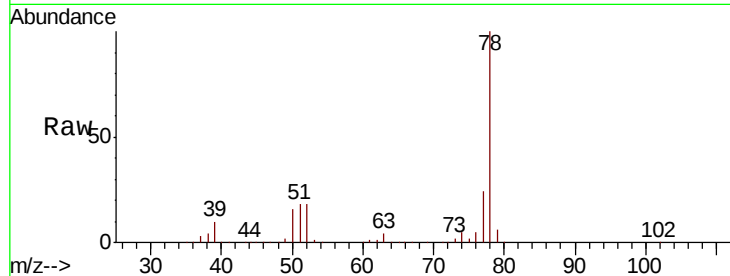




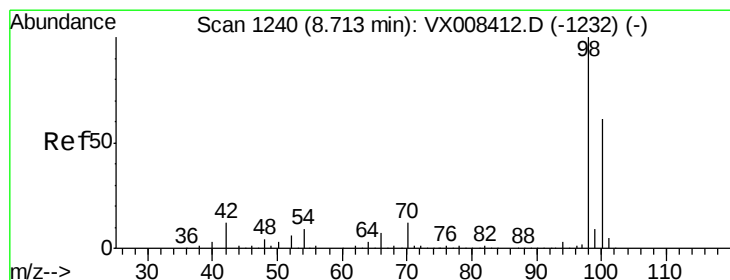
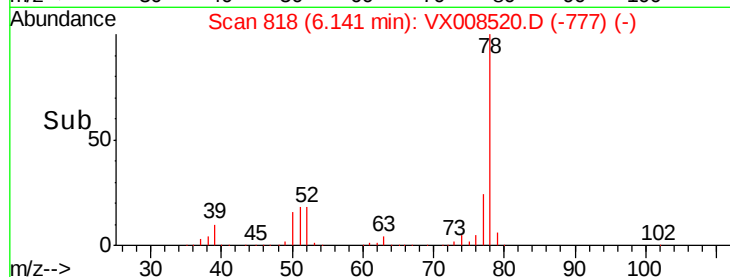
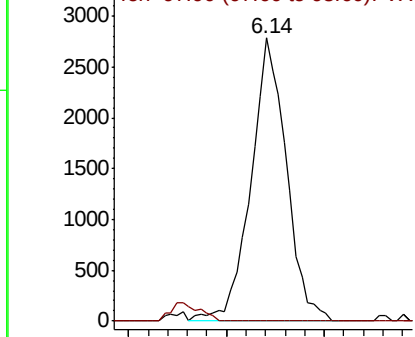
#42
 1,2-Dichloroethane
 Concen: 1.557 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.05 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion: 62 Resp: 7046
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.6

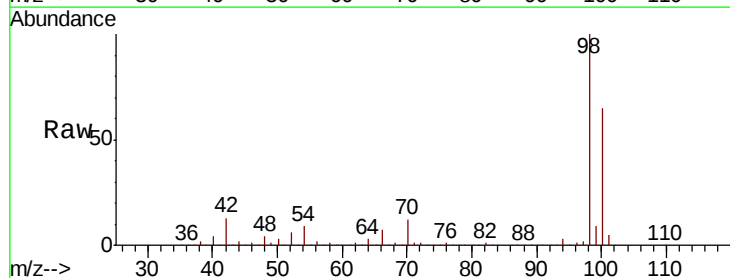


Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

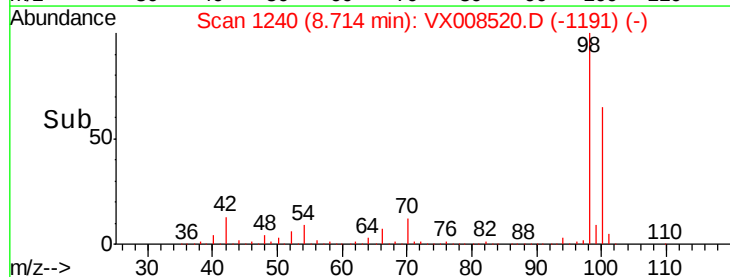
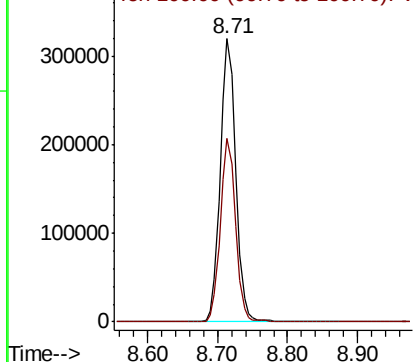


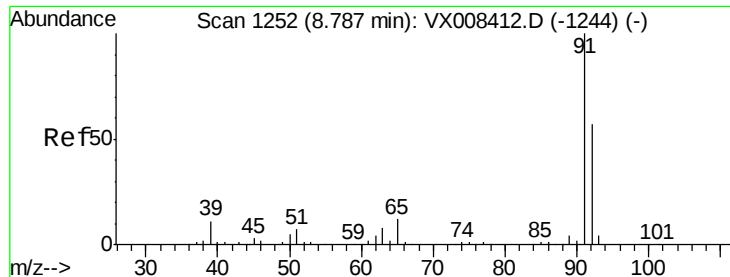
#50
 Toluene-d8
 Concen: 48.840 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008520.D
 Acq: 28 Mar 2019 15:27

Tgt Ion: 98 Resp: 493061
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.1 76.7



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





#52

Toluene

Concen: 13.228 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

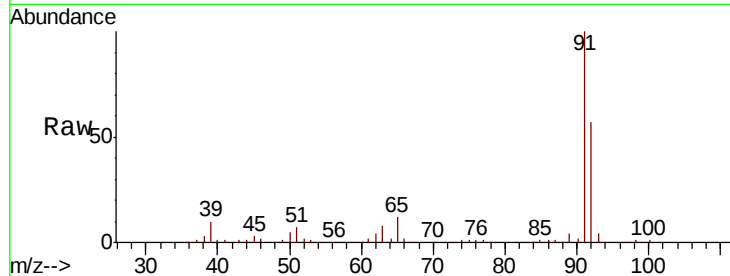
QNWP8-MW26S-GW

Tot Ion: 92 Resp: 97760

Ion Ratio Lower Upper

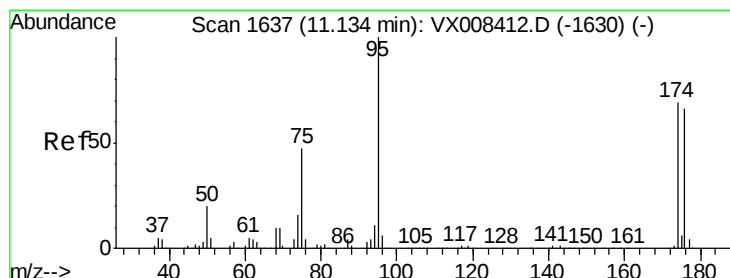
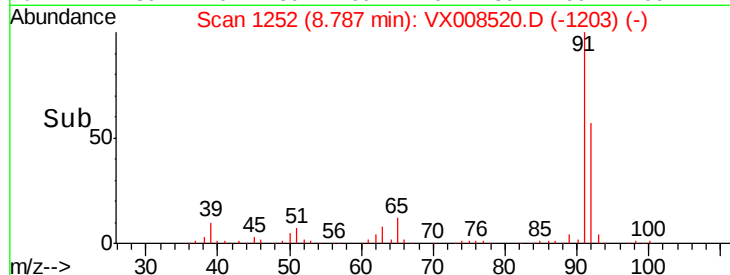
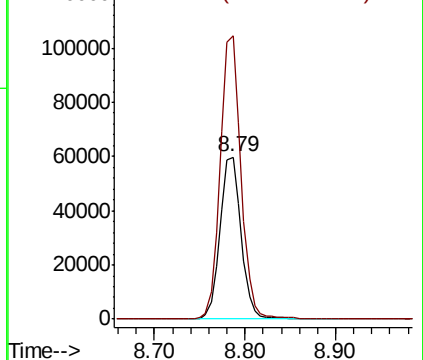
92 100

91 171.6 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

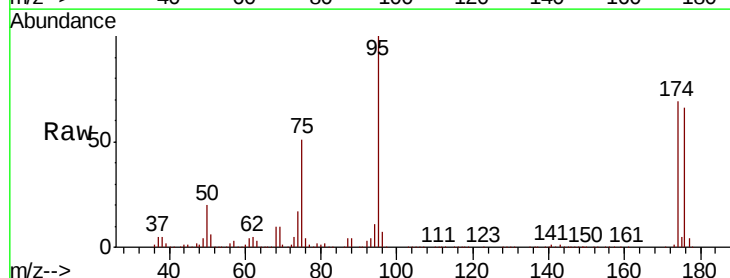
Tgt Ion: 95 Resp: 170669

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.2

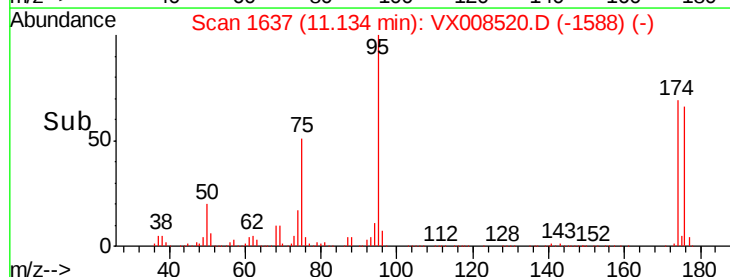
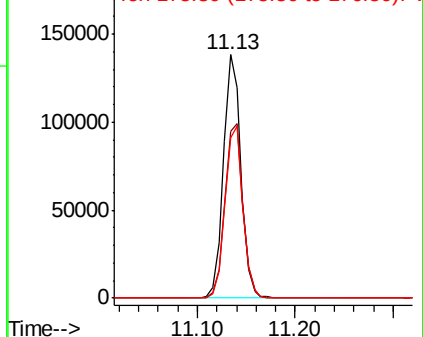
176 72.2 0.0 142.4

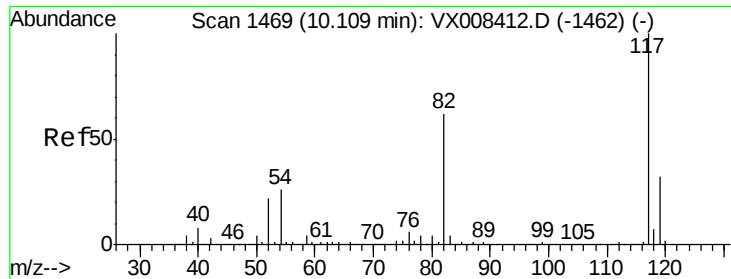


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

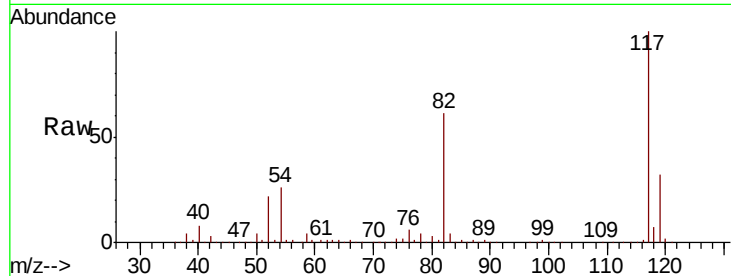




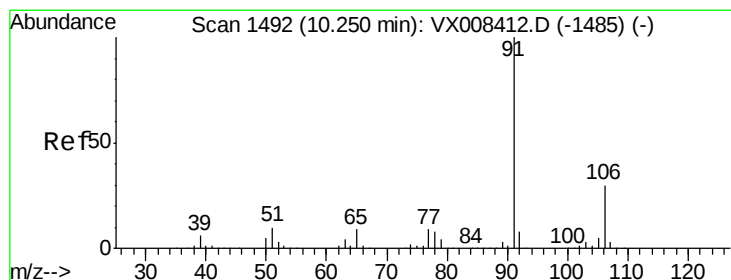
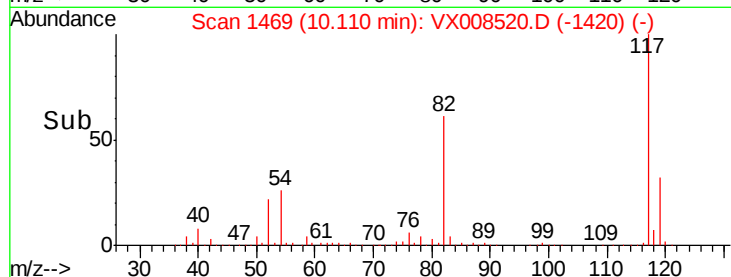
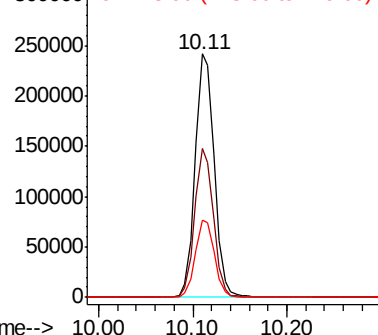
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:117 Resp: 338666
Ion Ratio Lower Upper
117 100
82 61.2 49.4 74.2
119 31.9 25.4 38.0

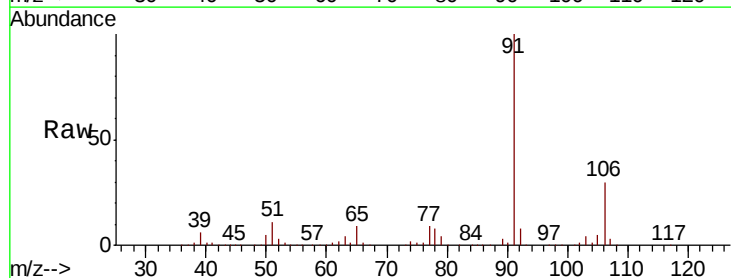


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

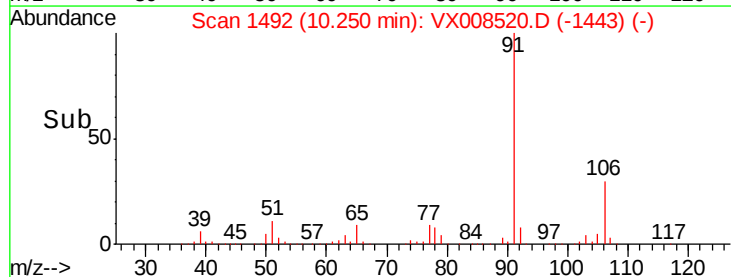
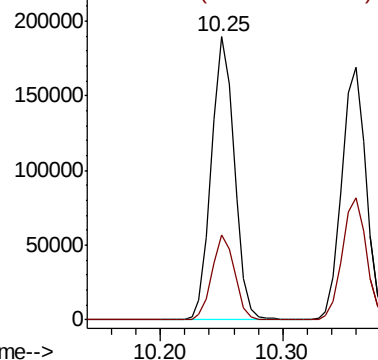


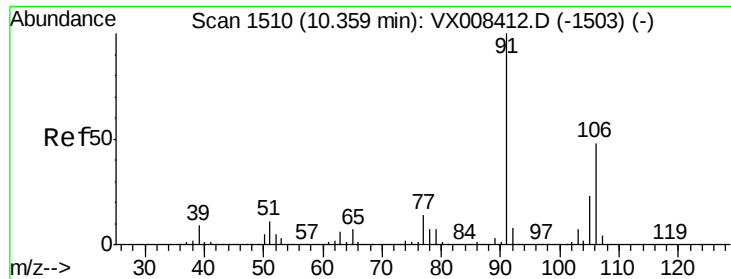
#67
Ethyl Benzene
Concen: 17.792 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Tgt Ion: 91 Resp: 247302
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

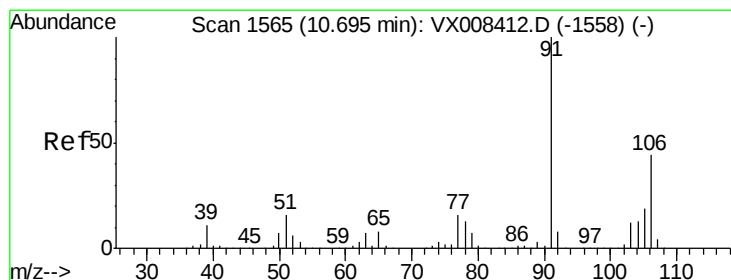
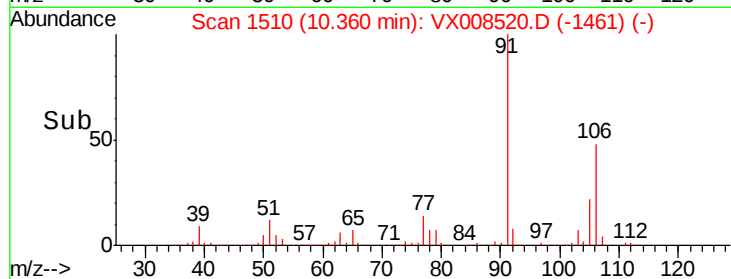
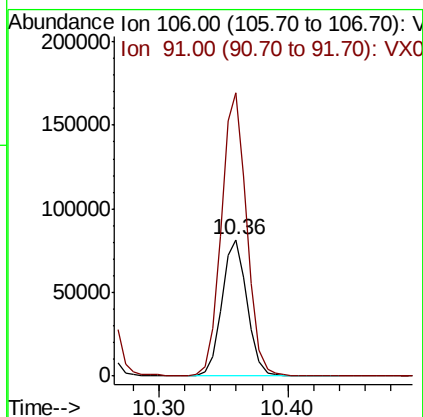
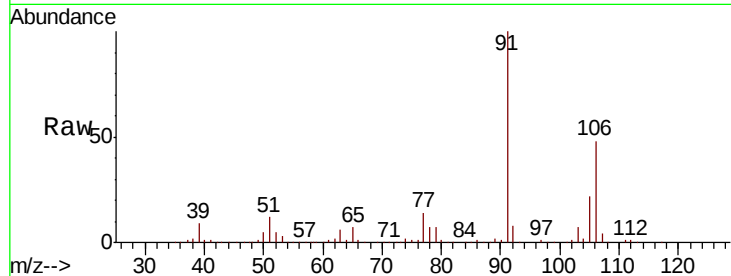




#68
m/p-Xylenes
Concen: 22.257 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

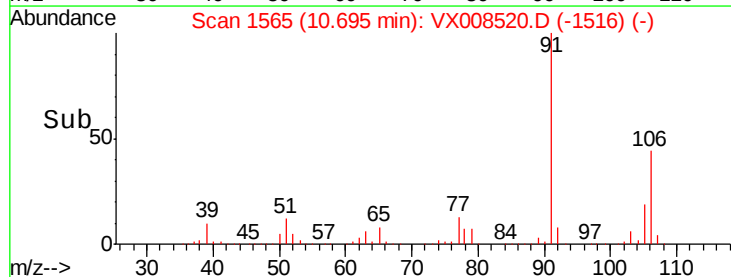
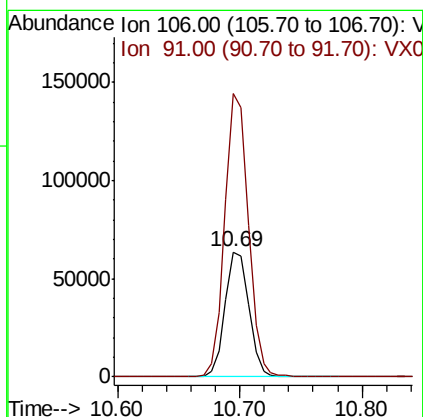
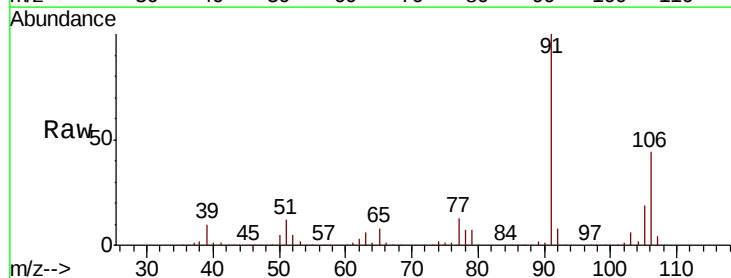
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

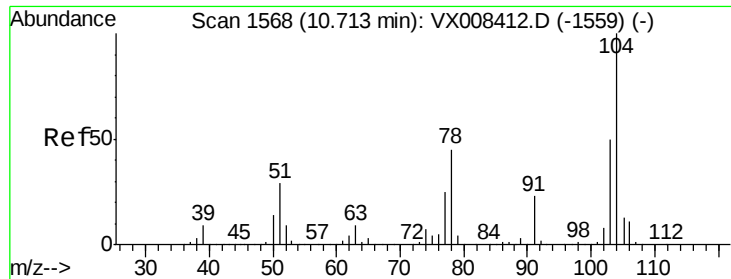
Tot Ion:106 Resp: 112549
Ion Ratio Lower Upper
106 100
91 207.9 168.6 253.0



#69
o-Xylene
Concen: 17.528 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Tgt Ion:106 Resp: 86012
Ion Ratio Lower Upper
106 100
91 223.9 111.4 334.2

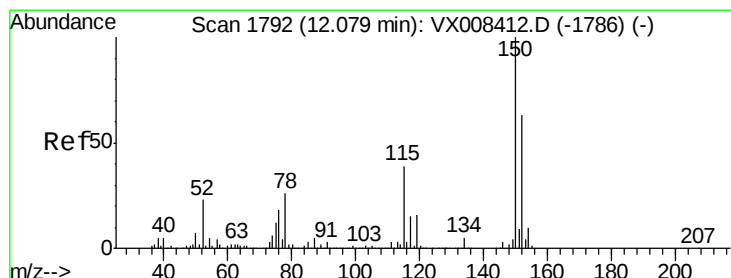
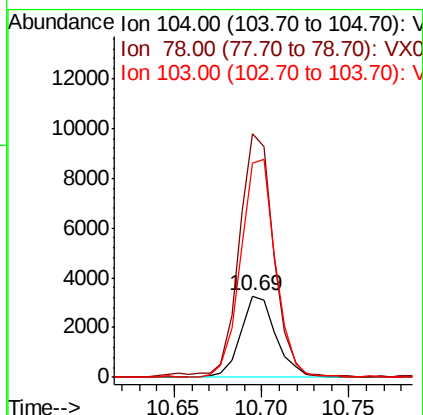
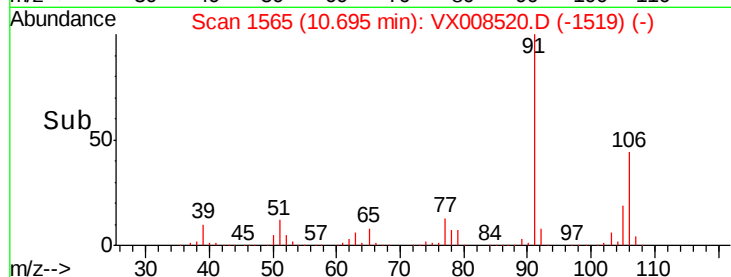
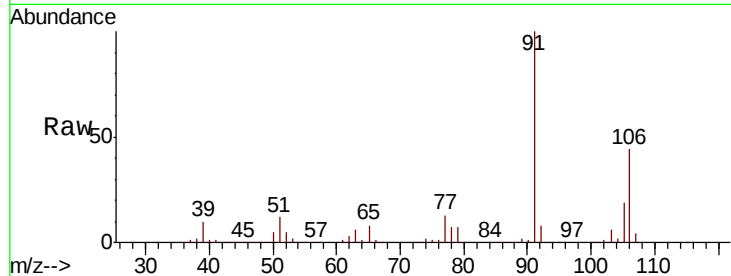




#70
Stvrene
Concen: 0.540 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

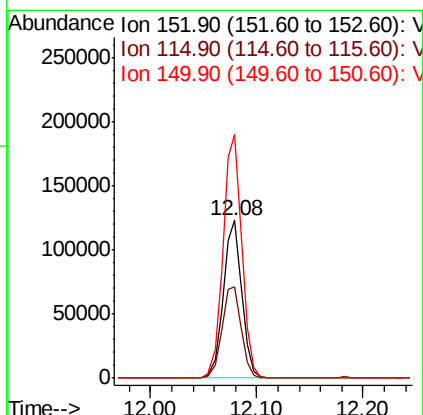
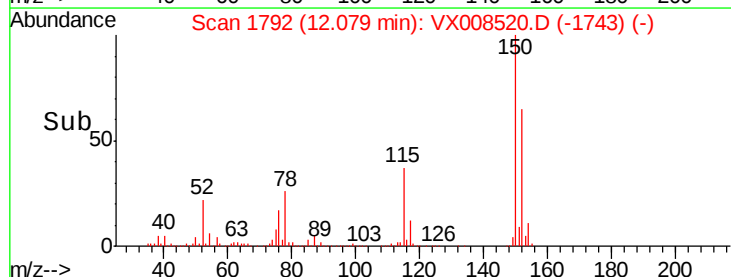
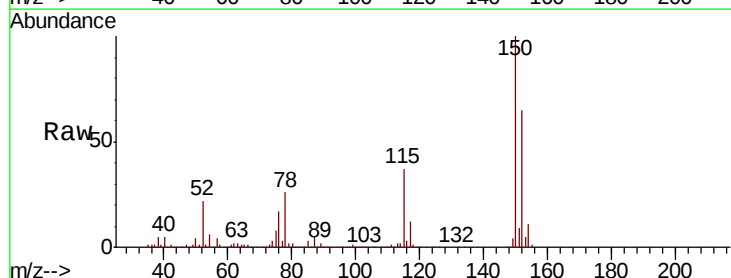
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

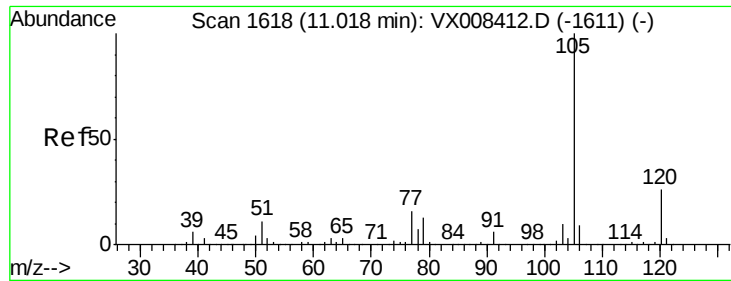
Tot Ion:104 Resp: 4581
Ion Ratio Lower Upper
104 100
78 297.0 42.5 63.7#
103 265.2 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Tgt Ion:152 Resp: 148618
Ion Ratio Lower Upper
152 100
115 60.7 43.5 130.5
150 156.8 0.0 348.8





#73

Isopropylbenzene

Concen: 0.931 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

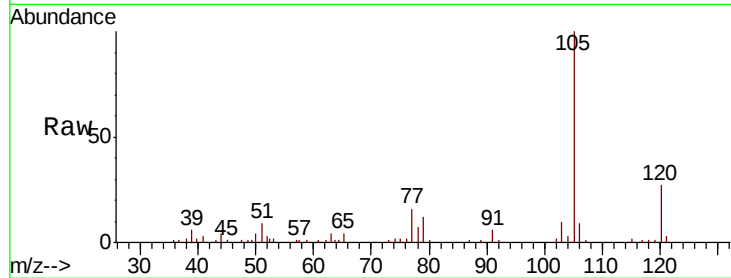
QNWP8-MW26S-GW

Tot Ion:105 Resp: 11252

Ion Ratio Lower Upper

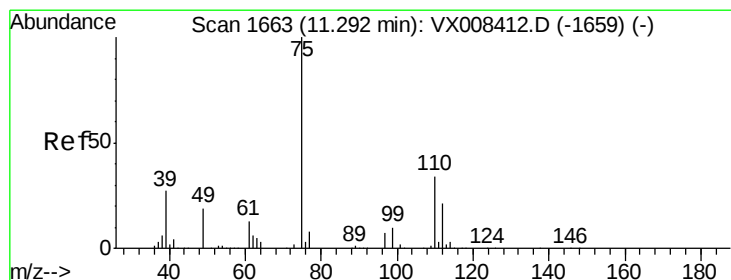
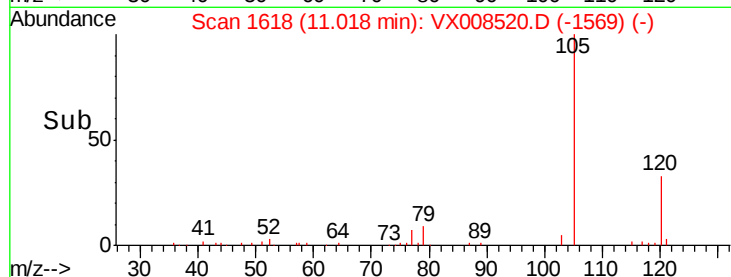
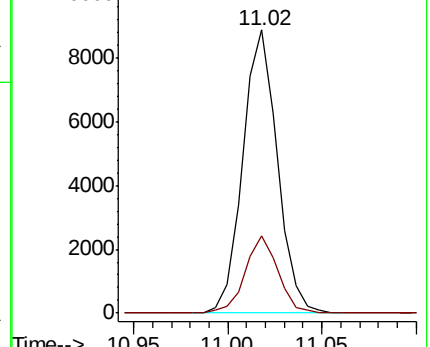
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 19.668 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008520.D

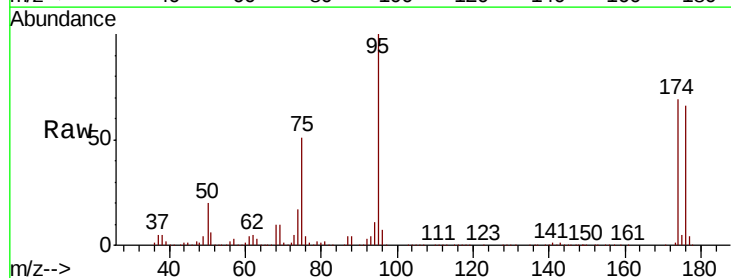
Acq: 28 Mar 2019 15:27

Tgt Ion: 75 Resp: 86901

Ion Ratio Lower Upper

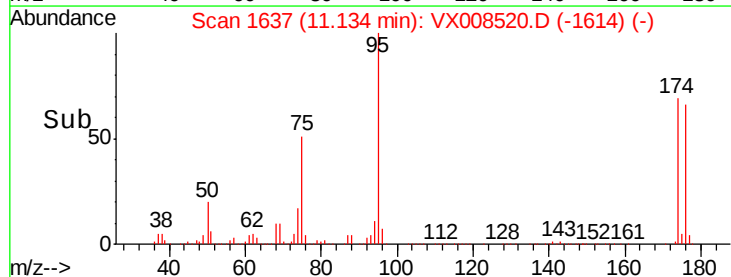
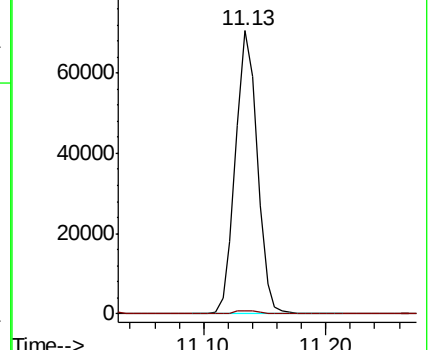
75 100

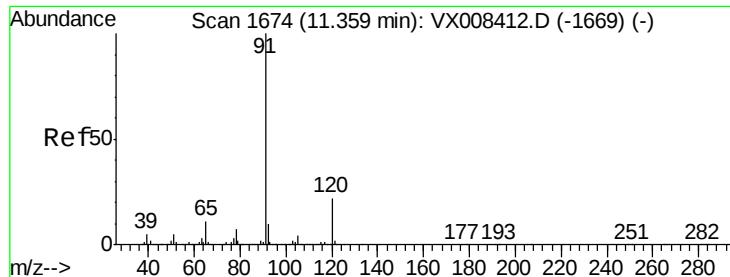
77 1.2 21.9 65.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

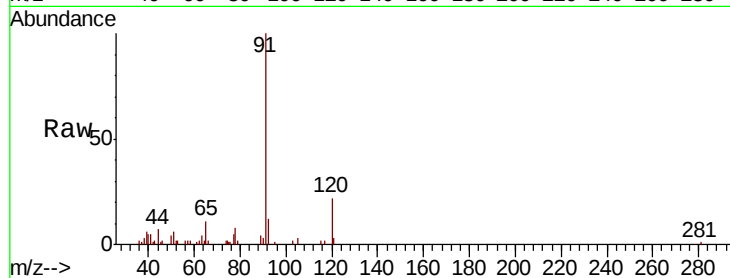
QNWP8-MW26S-GW

Tot Ion: 91 Resp: 5110

Ion Ratio Lower Upper

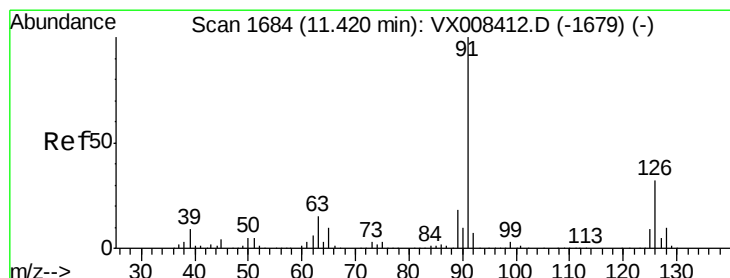
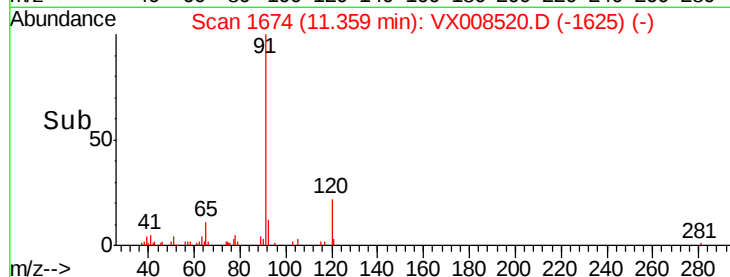
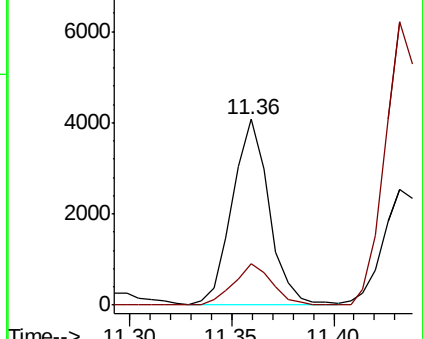
91 100

120 23.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.553 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008520.D

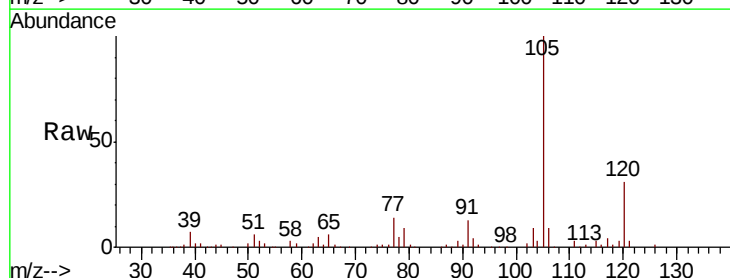
Acq: 28 Mar 2019 15:27

Tgt Ion: 91 Resp: 4761

Ion Ratio Lower Upper

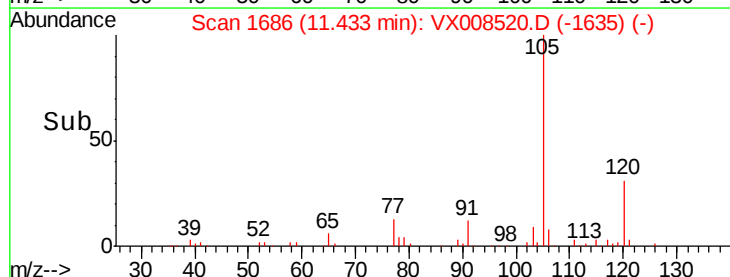
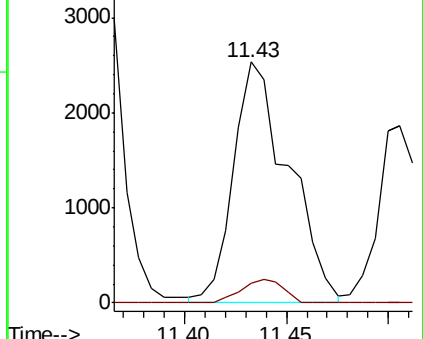
91 100

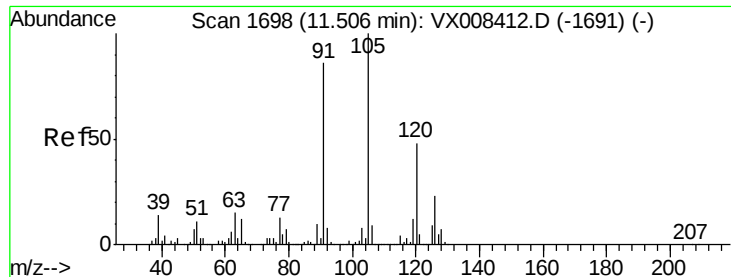
126 7.4 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.172 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

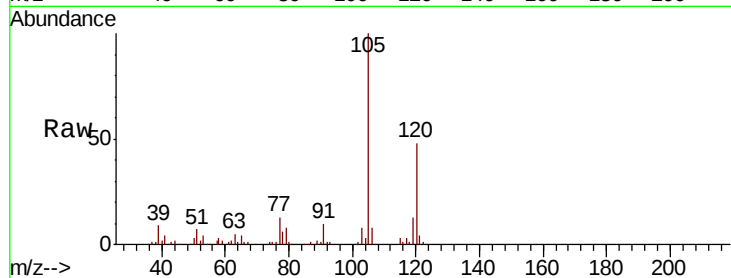
QNWP8-MW26S-GW

Tot Ion:105 Resp: 22204

Ion Ratio Lower Upper

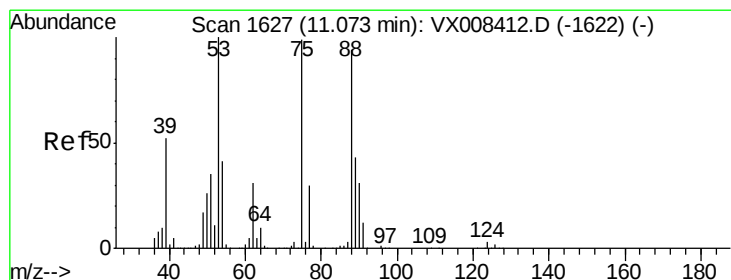
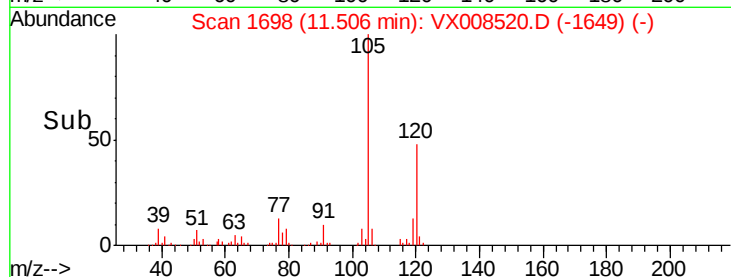
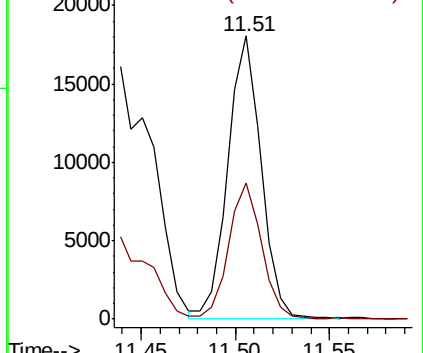
105 100

120 47.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

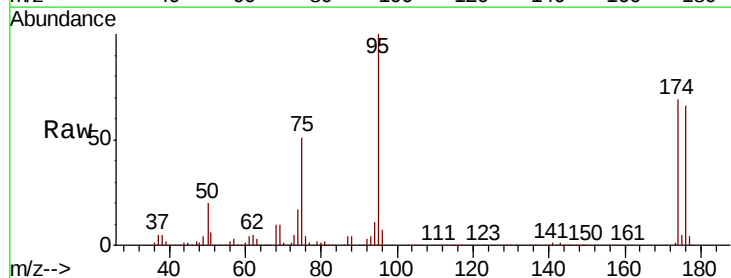
Tgt Ion: 75 Resp: 86901

Ion Ratio Lower Upper

75 100

53 0.1 82.1 123.1#

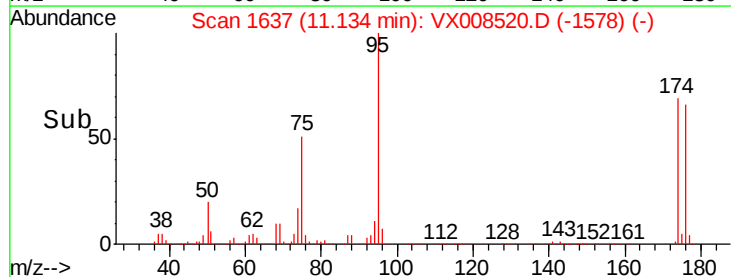
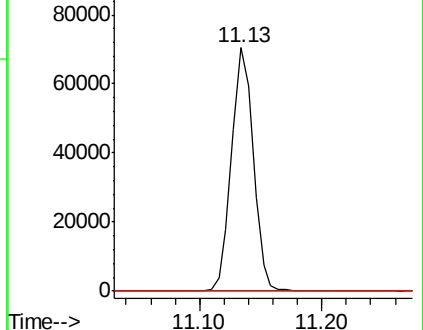
89 0.0 34.6 52.0#

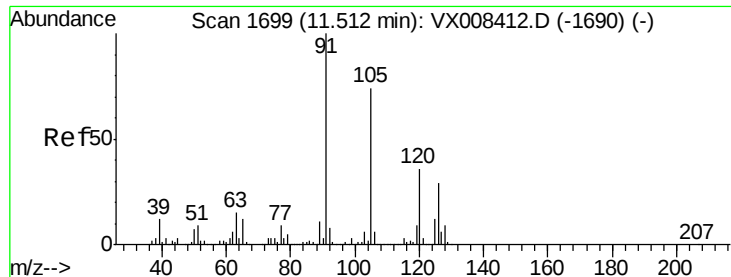


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.259 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

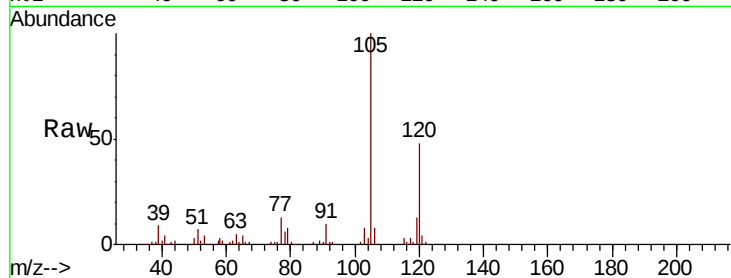
QNWP8-MW26S-GW

Tot Ion: 91 Resp: 2577

Ion Ratio Lower Upper

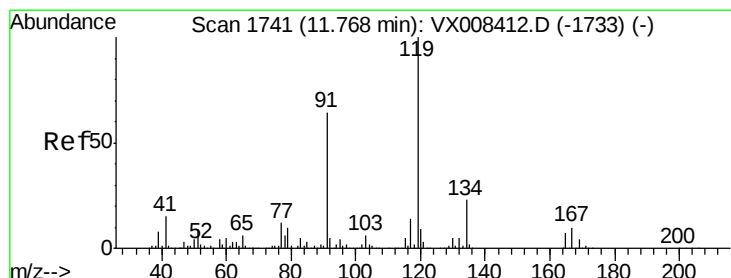
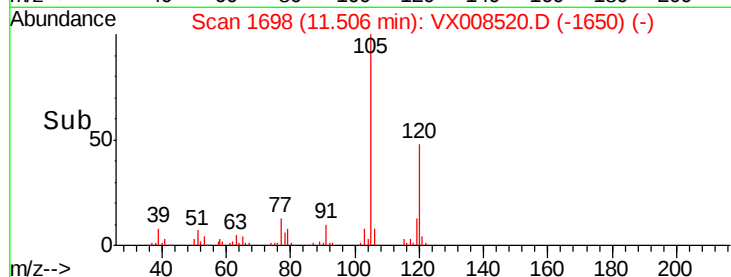
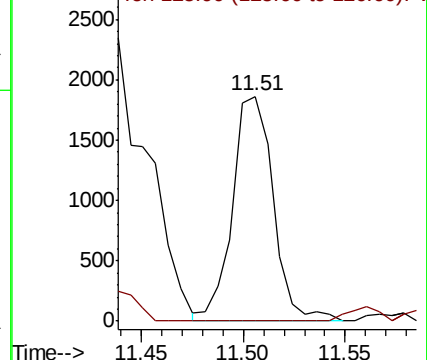
91 100

126 0.0 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX008412.D (-1690) (-)



#83

tert-Butylbenzene

Concen: 0.840 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

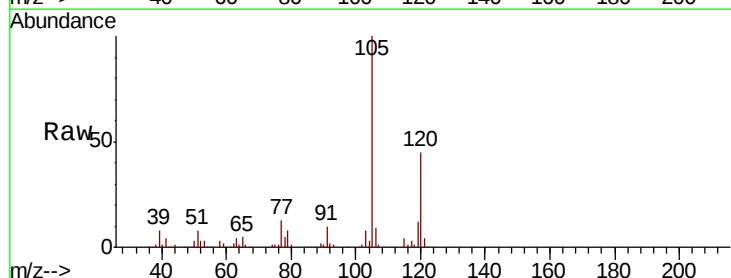
Tgt Ion: 119 Resp: 8282

Ion Ratio Lower Upper

119 100

91 91.3 30.1 90.3#

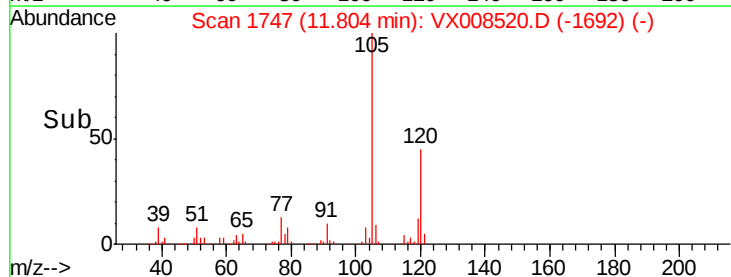
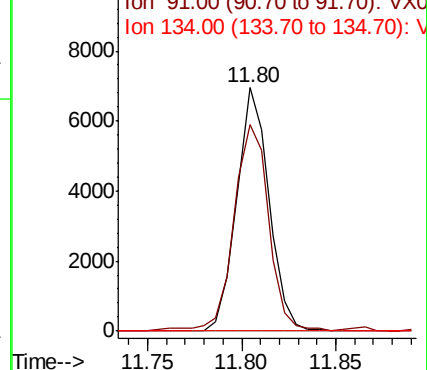
134 0.0 10.9 32.9#

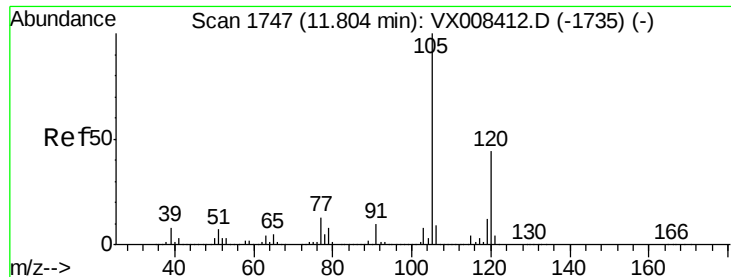


Abundance Ion 119.00 (118.70 to 119.70): VX008412.D (-1733) (-)

Ion 91.00 (90.70 to 91.70): VX008412.D (-1733) (-)

Ion 134.00 (133.70 to 134.70): VX008412.D (-1733) (-)





#84

1,2,4-Trimethylbenzene

Concen: 6.783 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

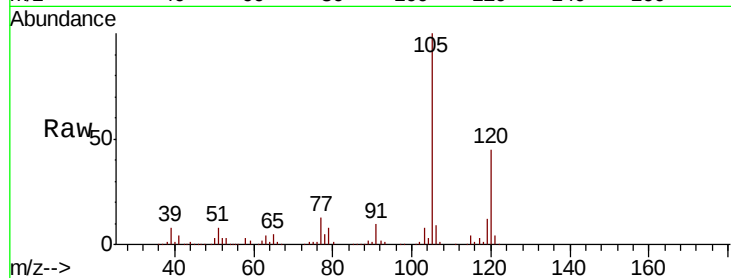
QNWP8-MW26S-GW

Tot Ion:105 Resp: 70130

Ion Ratio Lower Upper

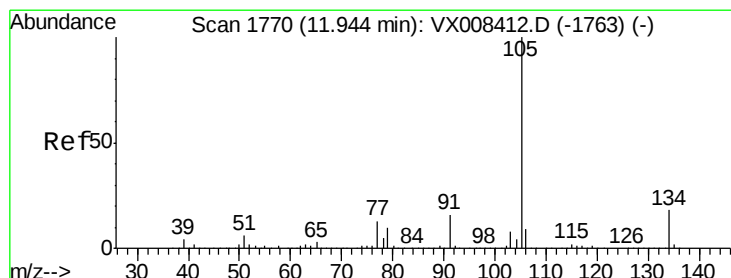
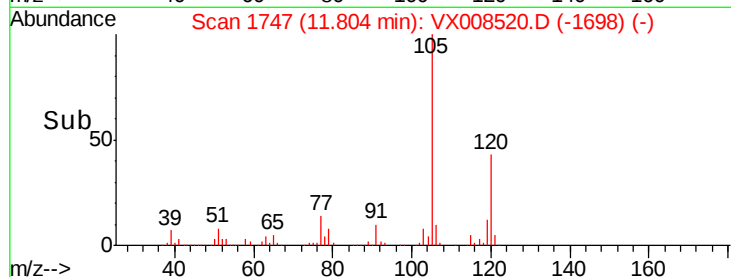
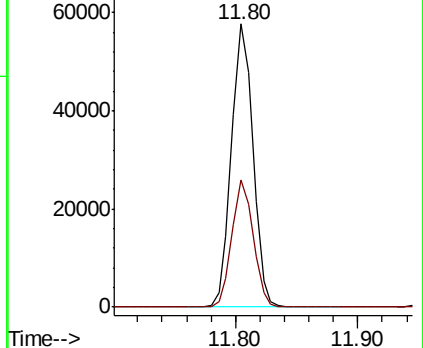
105 100

120 44.2 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.971 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008520.D

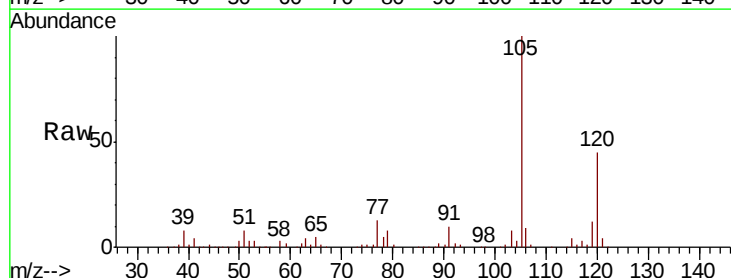
Acq: 28 Mar 2019 15:27

Tgt Ion:105 Resp: 70130

Ion Ratio Lower Upper

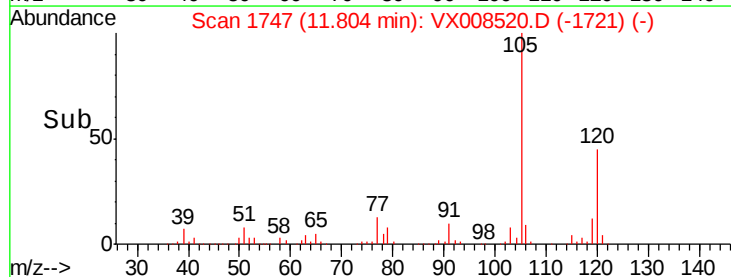
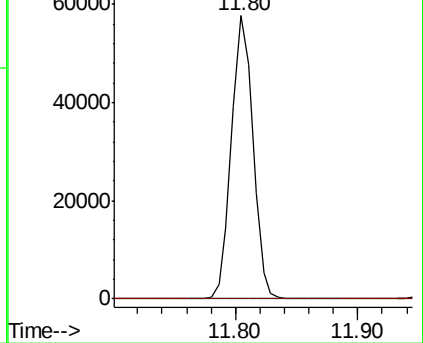
105 100

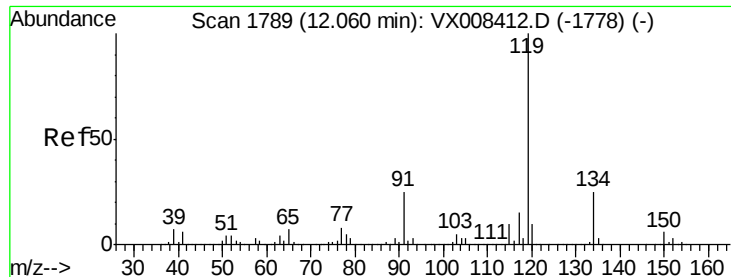
134 0.0 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.250 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW26S-GW

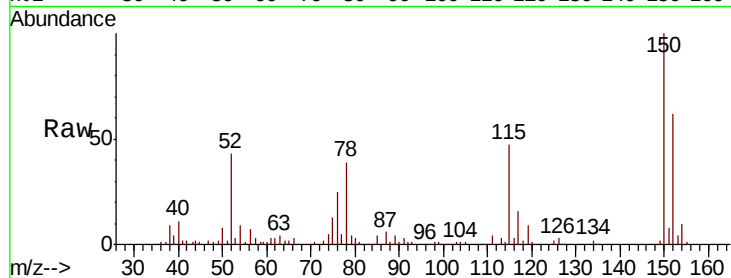
Tot Ion:119 Resp: 2587

Ion Ratio Lower Upper

119 100

134 34.8 12.8 38.4

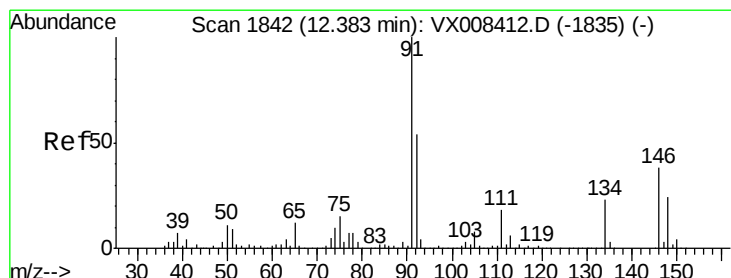
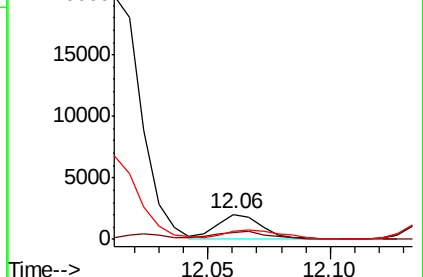
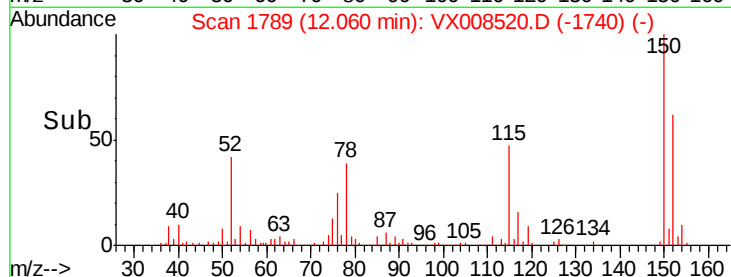
91 47.9 12.4 37.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 3.830 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

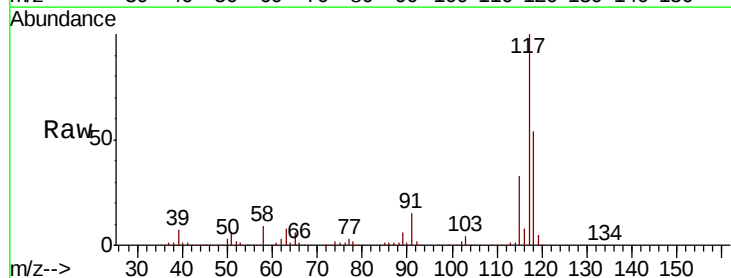
Tgt Ion: 91 Resp: 37601

Ion Ratio Lower Upper

91 100

92 10.2 26.5 79.5#

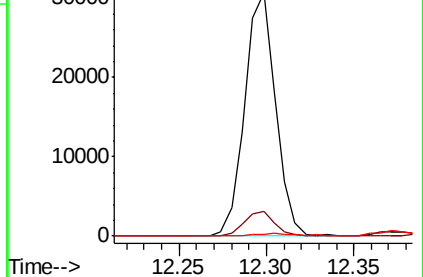
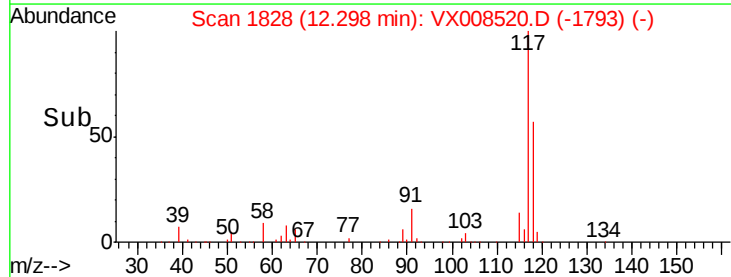
134 1.5 11.8 35.4#

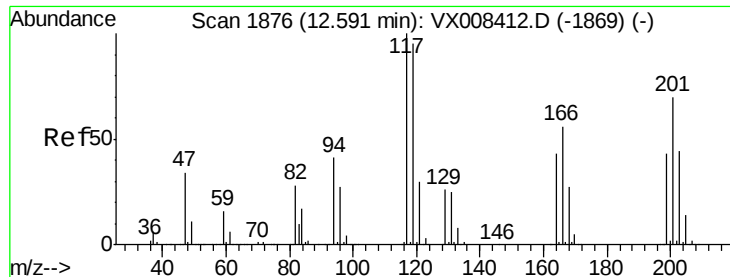


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.770 ug/l

RT: 12.47 min Scan# 1856

Delta R.T. -0.12 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

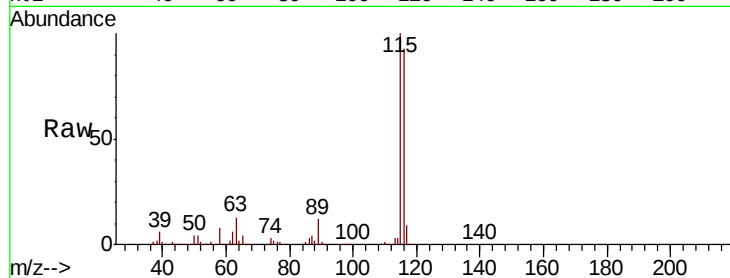
QNWP8-MW26S-GW

Tot Ion:117 Resp: 13415

Ion Ratio Lower Upper

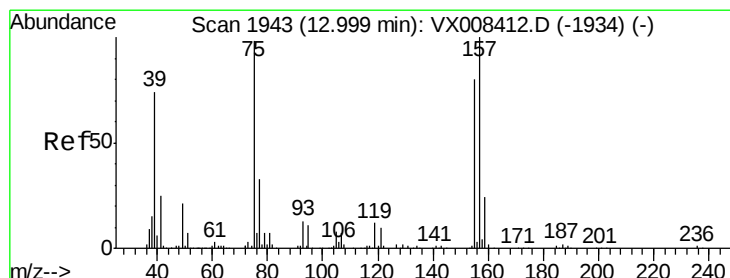
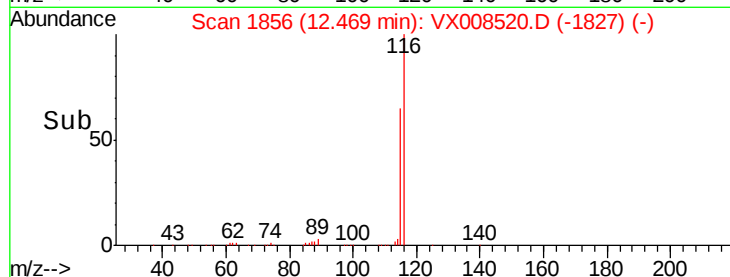
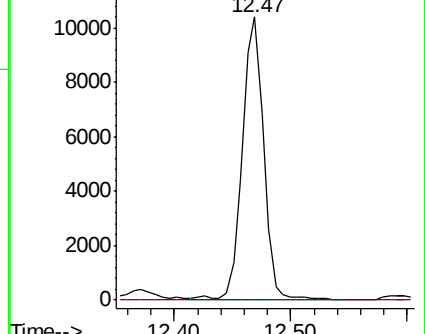
117 100

201 0.0 39.4 118.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.974 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008520.D

Acq: 28 Mar 2019 15:27

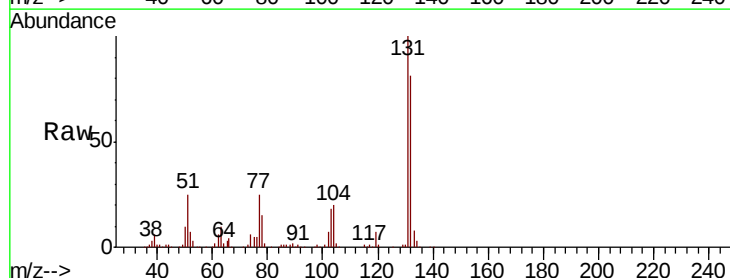
Tgt Ion: 75 Resp: 3042

Ion Ratio Lower Upper

75 100

155 0.0 39.5 118.5#

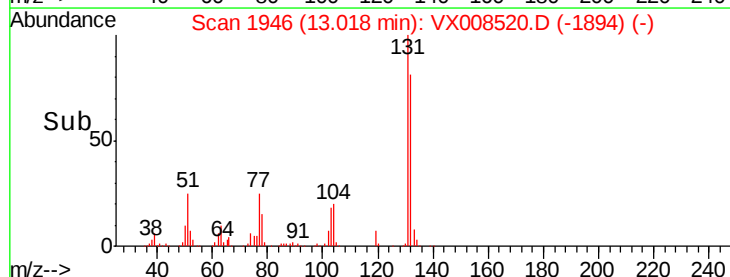
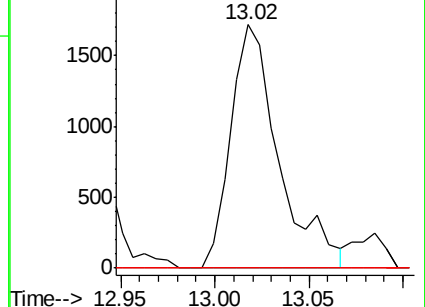
157 0.0 49.9 149.7#

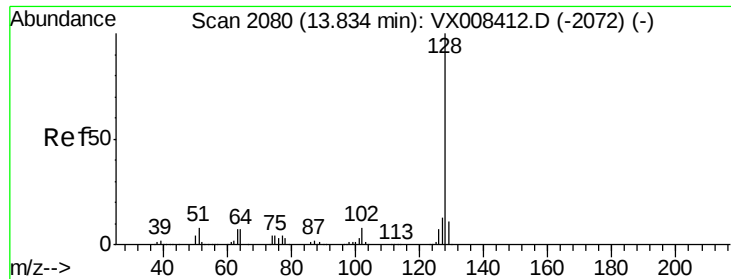


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

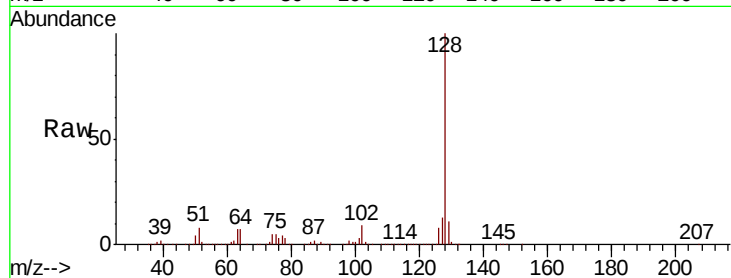




#95
Naphthalene
Concen: 165.000 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008520.D
Acq: 28 Mar 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:128 Resp: 1999658
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

