

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044630.D
 Acq On : 08 Jan 2025 15:59
 Operator : JC/MD
 Sample : Q1036-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NP-WS-002

Quant Time: Jan 09 00:31:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	182227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	334954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	303097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	145560	49.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.080%
35) Dibromofluoromethane	5.379	113	104442	45.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	394443	50.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	139847	50.502	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%

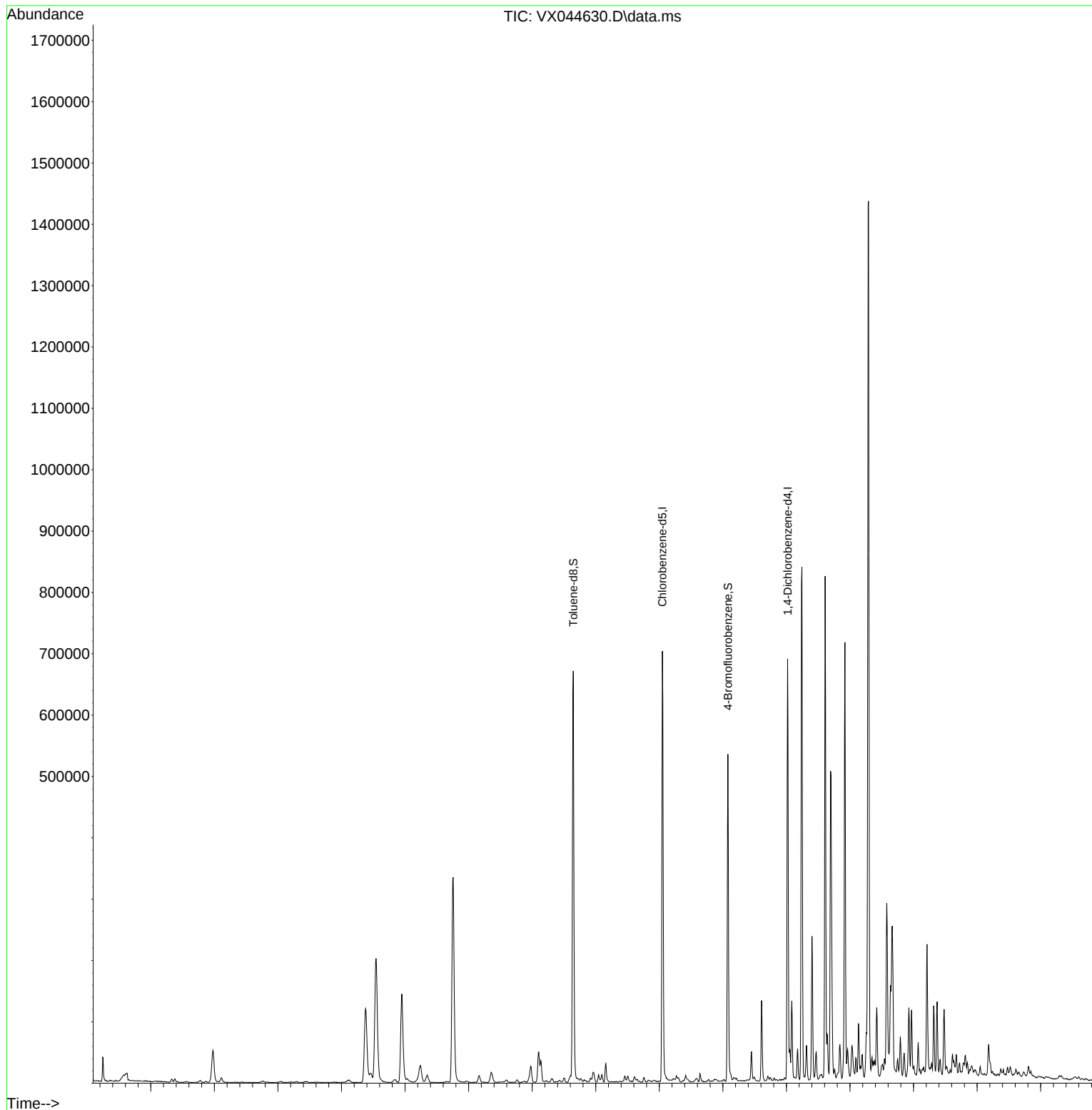
Target Compounds						Qvalue
3) Chloromethane	1.294	50	780	0.297	ug/l	95
11) Tert butyl alcohol	2.977	59	72971	201.689	ug/l	99
16) Acetone	2.380	43	5826	6.291	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	7184	1.028	ug/l #	88
20) Methylene Chloride	2.782	84	506	0.214	ug/l #	65
22) Diisopropyl ether	3.757	45	2720	0.390	ug/l #	76
31) Cyclohexane	5.446	56	8923	2.676	ug/l #	75
39) Methylcyclohexane	7.373	83	4225	1.115	ug/l #	77
40) Benzene	6.038	78	4819	0.515	ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	2868	0.979	ug/l #	84
52) Toluene	8.714	92	1542	0.273	ug/l	93
68) m/p-Xylenes	10.299	106	856	0.211	ug/l	82
69) o-Xylene	10.640	106	2575	0.628	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	20721	2.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1979	0.240	ug/l	88
95) Naphthalene	13.780	128	6276	0.752	ug/l #	69

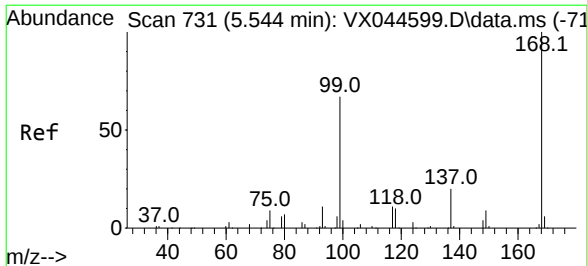
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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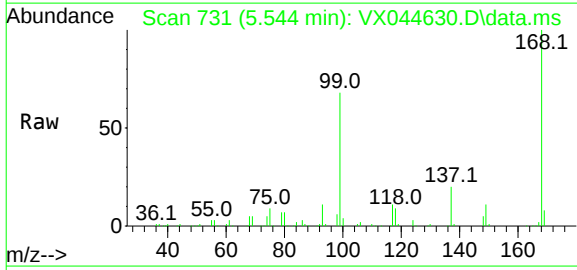
Quant Time: Jan 09 00:31:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
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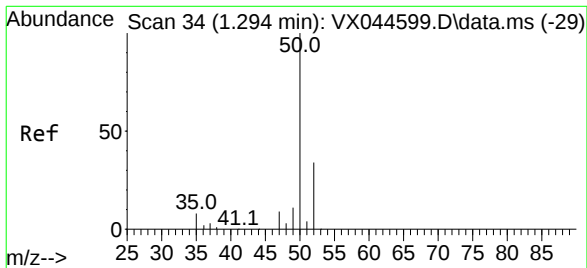
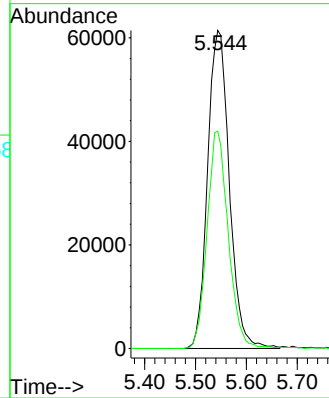
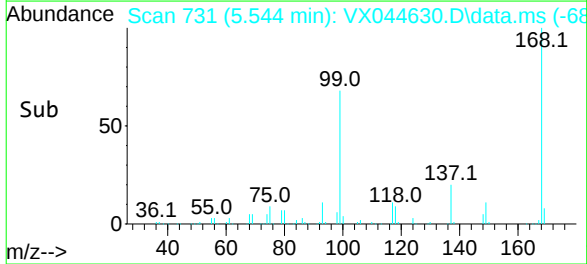


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

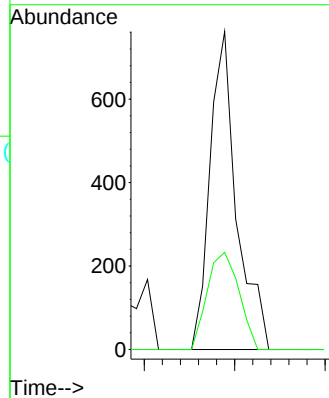
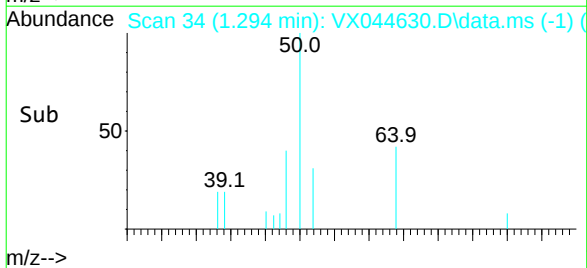
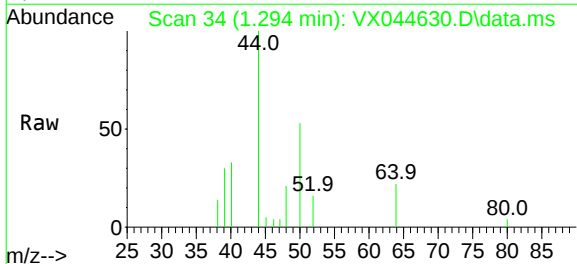


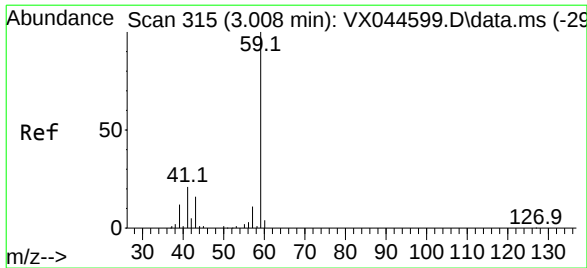
Tgt Ion:168 Resp: 182227
Ion Ratio Lower Upper
168 100
99 68.3 53.5 80.3



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 30.6 27.0 40.4





#11

Tert butyl alcohol

Concen: 201.689 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.031 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

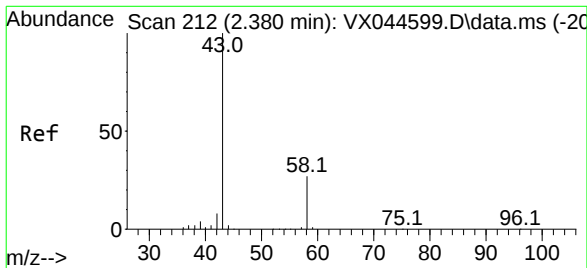
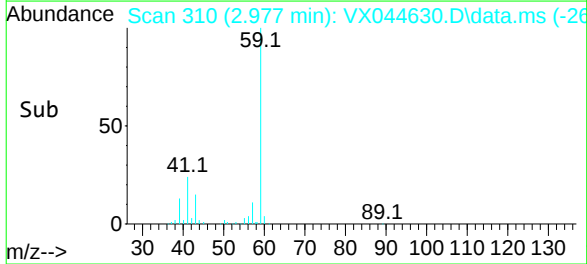
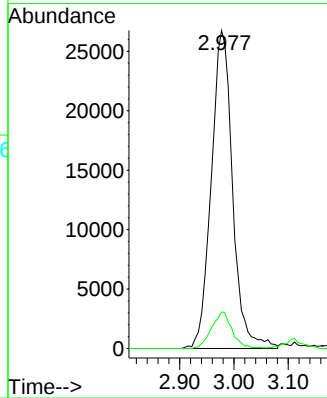
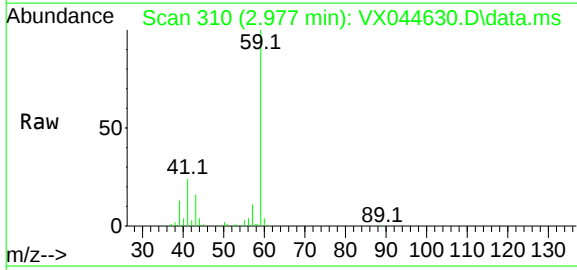
NP-WS-002

Tgt Ion: 59 Resp: 72971

Ion Ratio Lower Upper

59 100

57 11.1 8.6 12.8



#16

Acetone

Concen: 6.291 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044630.D

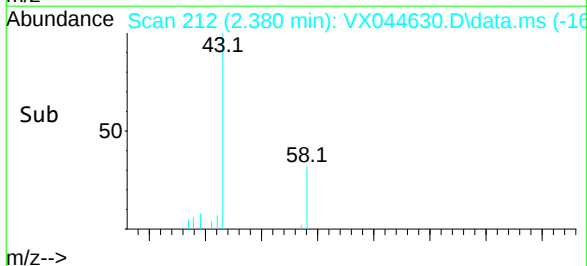
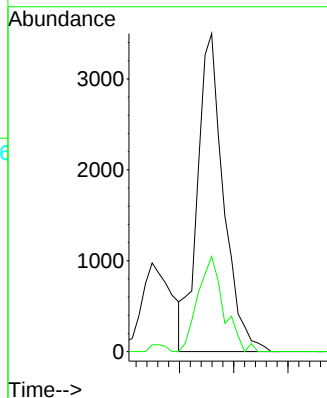
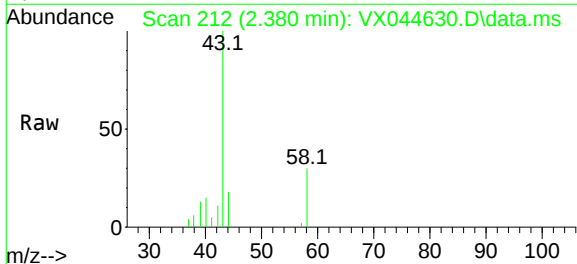
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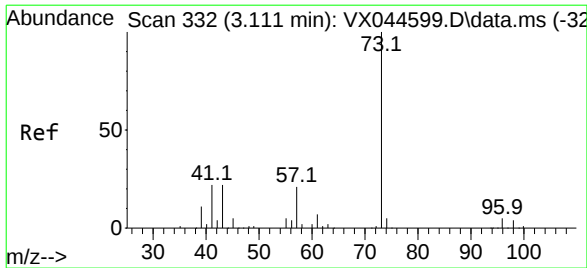
Tgt Ion: 43 Resp: 5826

Ion Ratio Lower Upper

43 100

58 29.9 22.0 33.0

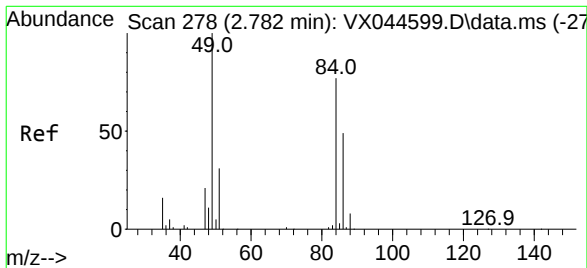
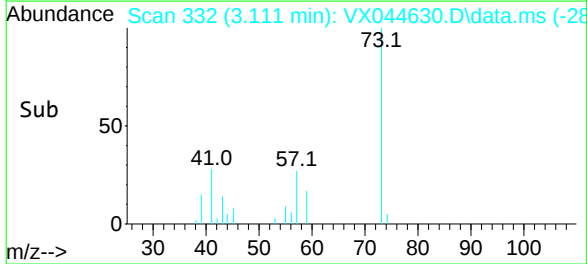
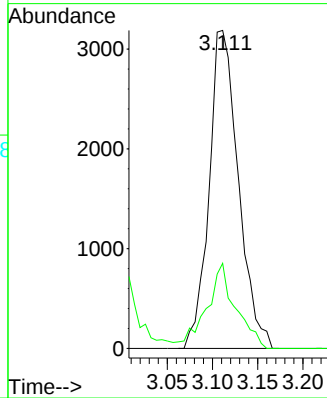
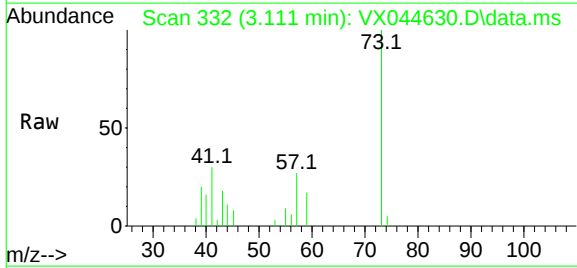




#19
Methyl tert-butyl Ether
Concen: 1.028 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

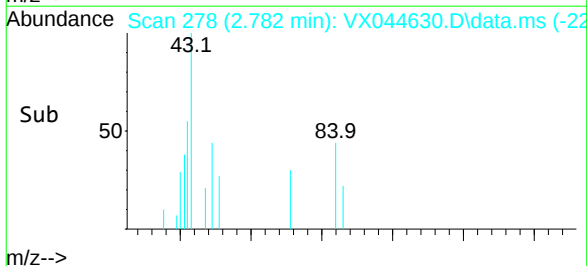
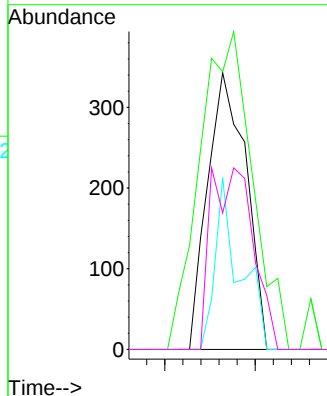
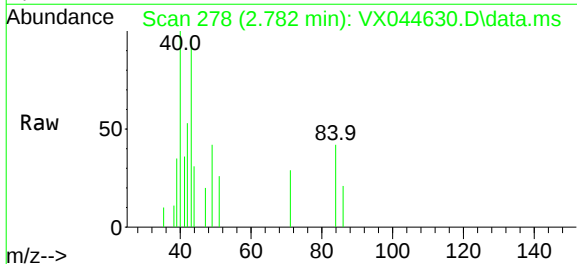
Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

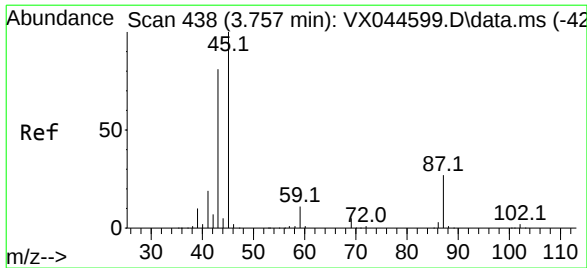
Tgt Ion: 73 Resp: 7184
Ion Ratio Lower Upper
73 100
57 26.8 17.0 25.4#



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 79.9 104.4 156.6#
51 62.1 32.0 48.0#
86 49.3 51.4 77.0#

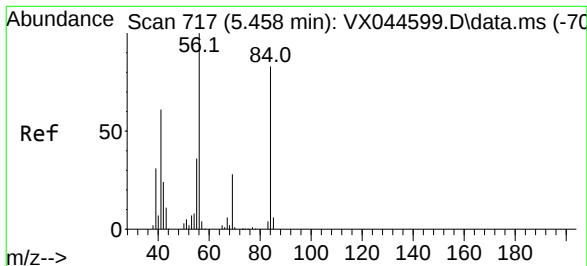
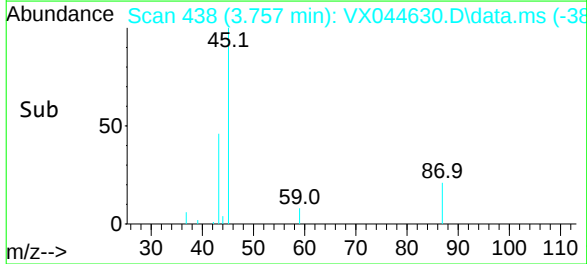
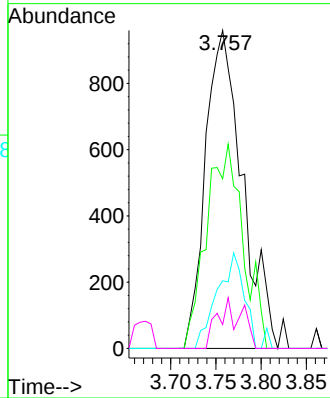
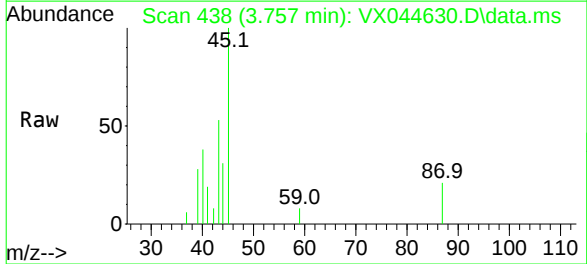




#22
Diisopropyl ether
Concen: 0.390 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

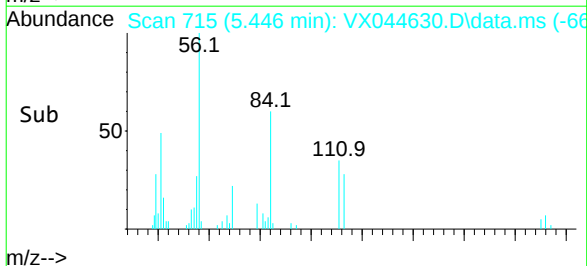
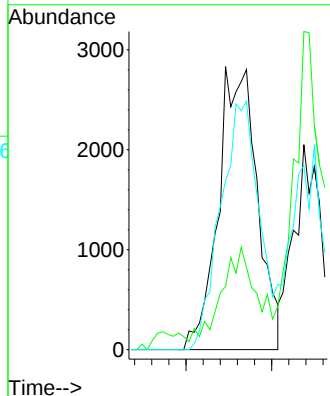
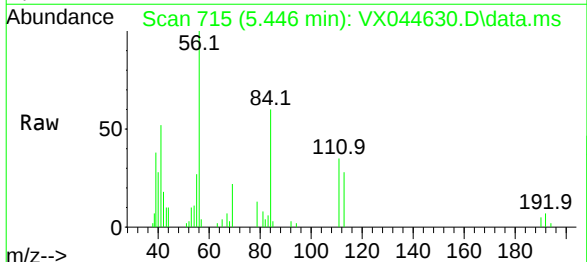
Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

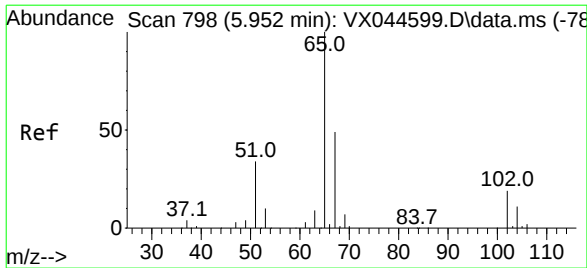
Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.3	64.6	97.0#
87	21.3	21.8	32.8#
59	7.5	8.6	12.8#



#31
Cyclohexane
Concen: 2.676 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.012 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion	Ratio	Lower	Upper
56	100		
69	16.6	22.2	33.4#
84	59.7	66.6	100.0#

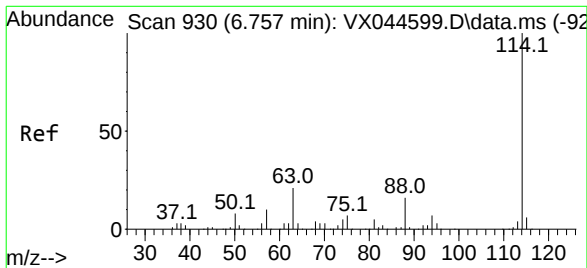
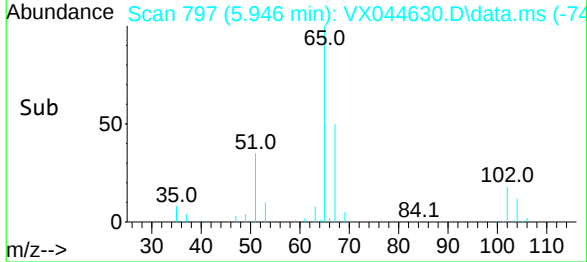
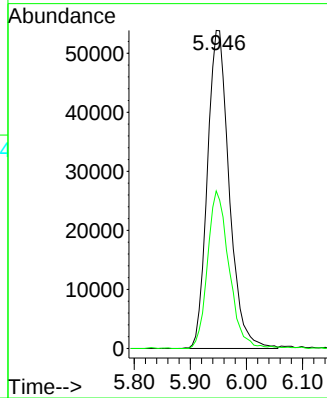
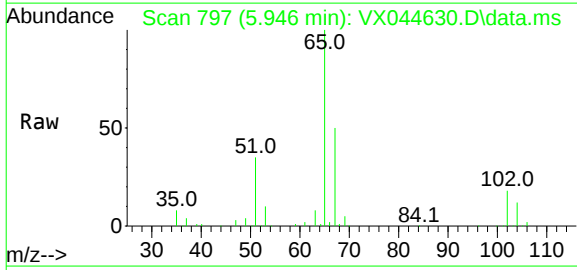




#33
1,2-Dichloroethane-d4
Concen: 49.541 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

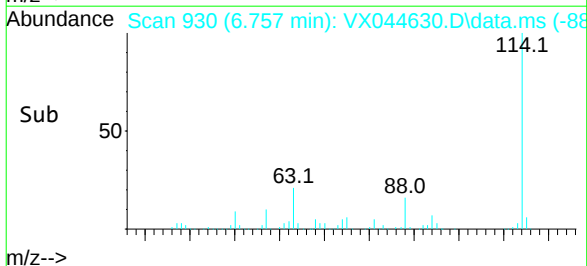
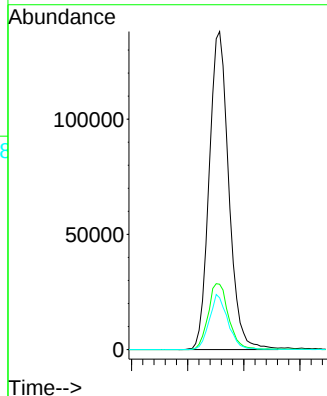
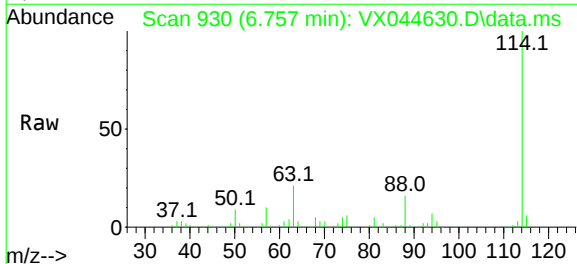
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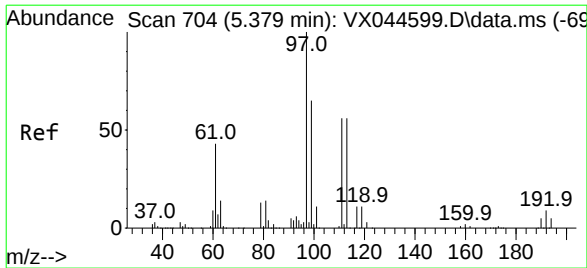
Tgt Ion: 65 Resp: 145560
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 114 Resp: 334954
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.472 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

NP-WS-002

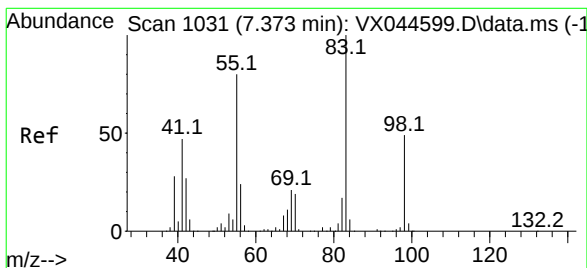
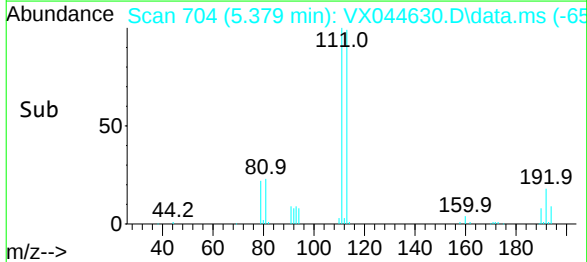
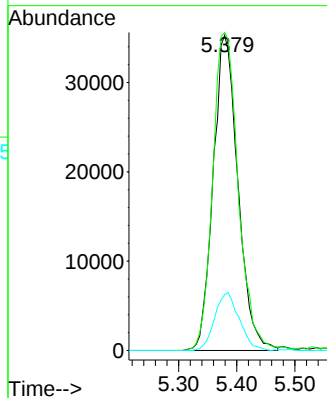
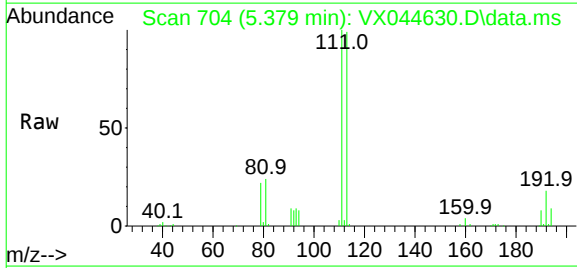
Tgt Ion:113 Resp: 104442

Ion Ratio Lower Upper

113 100

111 104.4 83.3 124.9

192 18.2 14.3 21.5



#39

Methylcyclohexane

Concen: 1.115 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

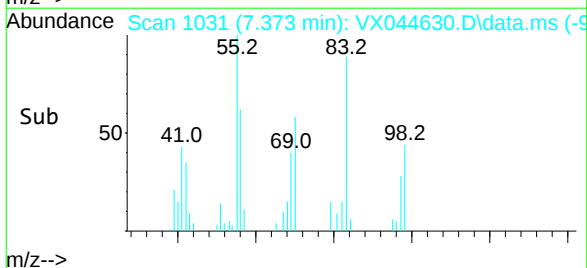
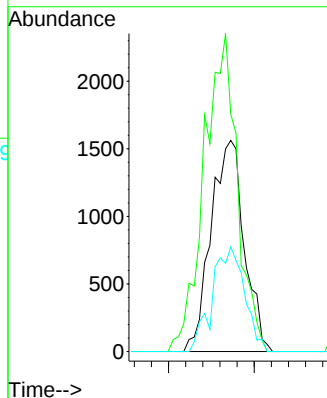
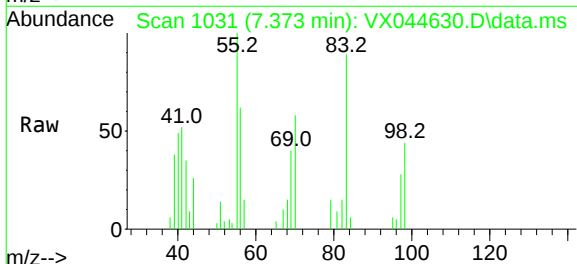
Tgt Ion: 83 Resp: 4225

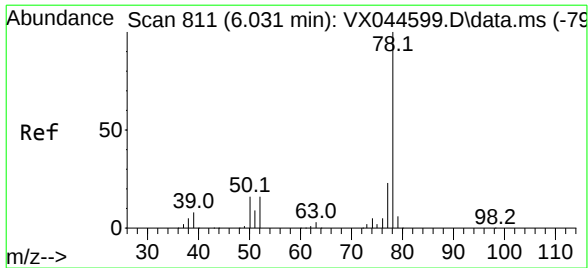
Ion Ratio Lower Upper

83 100

55 112.4 64.1 96.1#

98 49.5 38.9 58.3

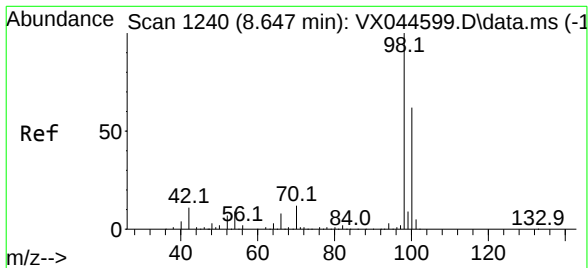
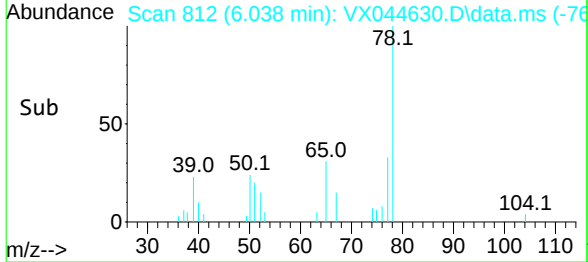
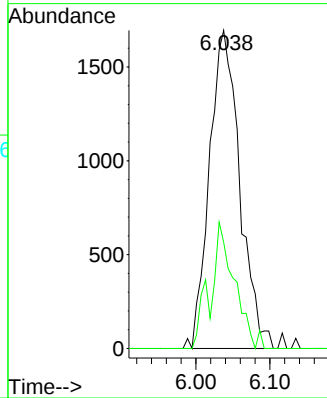
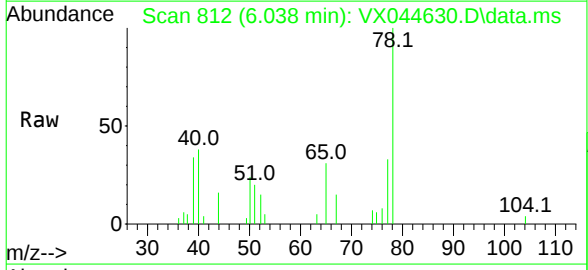




#40
Benzene
Concen: 0.515 ug/l
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

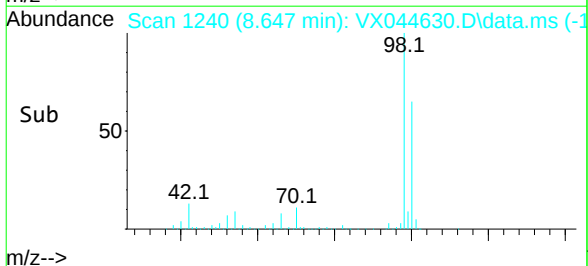
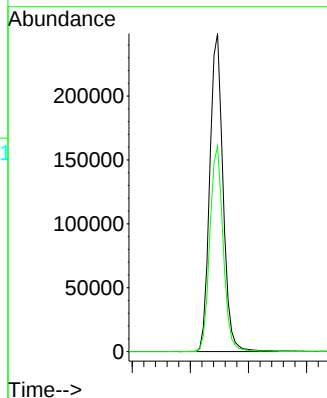
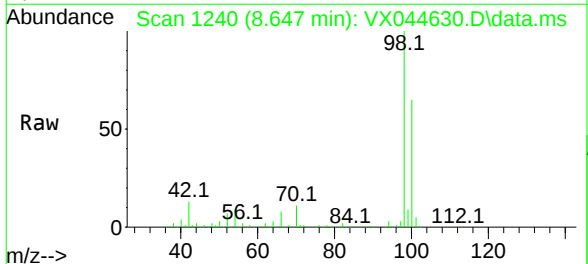
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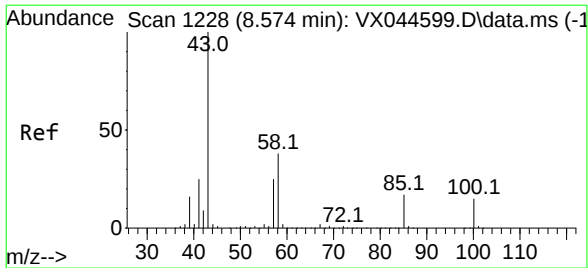
Tgt Ion: 78 Resp: 4819
Ion Ratio Lower Upper
78 100
77 33.4 18.8 28.2#



#50
Toluene-d8
Concen: 50.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 98 Resp: 394443
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

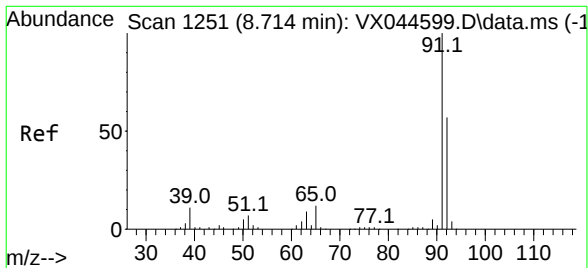
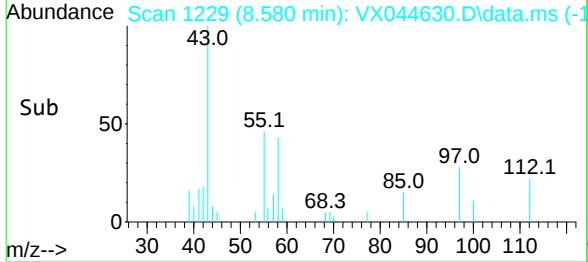
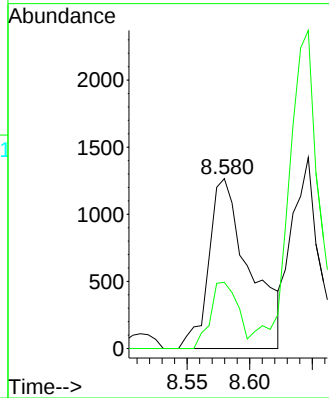
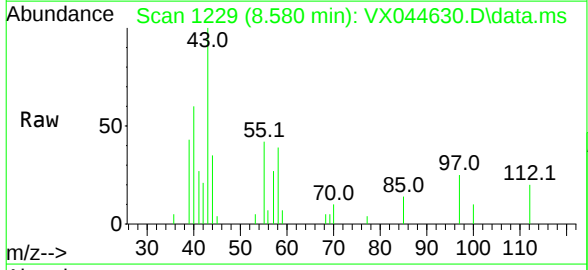




#51
4-Methyl-2-Pentanone
Concen: 0.979 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

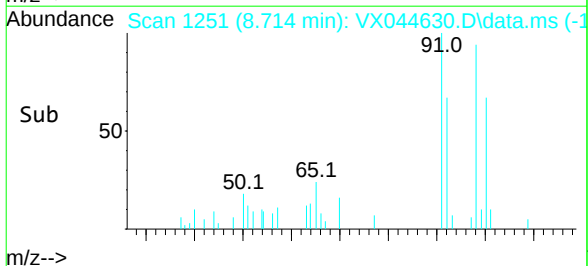
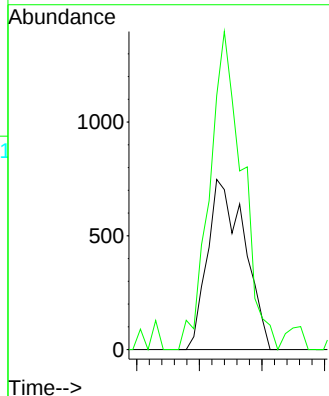
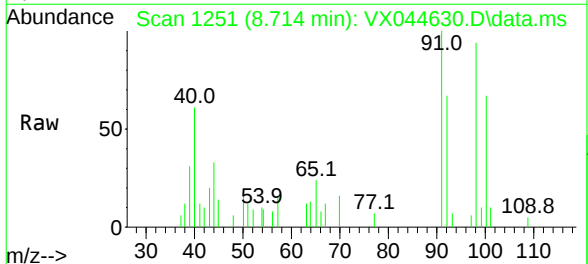
Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

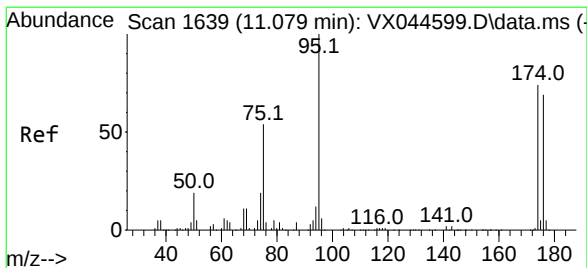
Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 27.8 30.0 45.0#



#52
Toluene
Concen: 0.273 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion: 92 Resp: 1542
Ion Ratio Lower Upper
92 100
91 166.3 140.6 210.8





#62

4-Bromofluorobenzene

Concen: 50.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044630.D

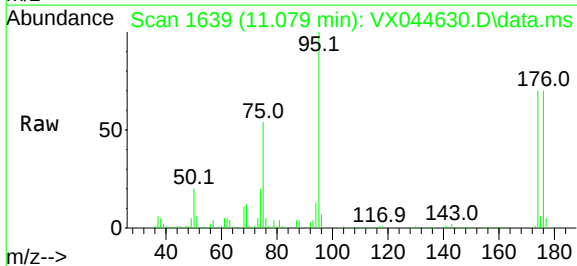
Acq: 08 Jan 2025 15:59

Instrument :

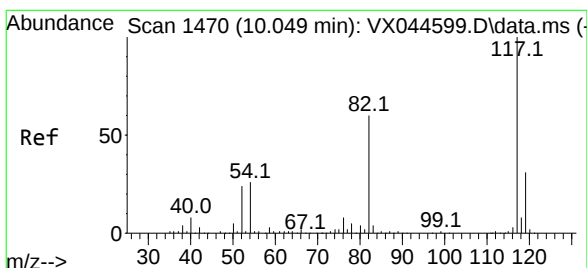
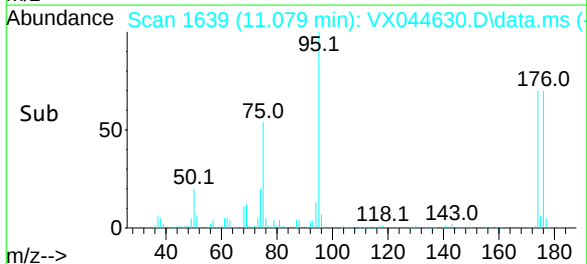
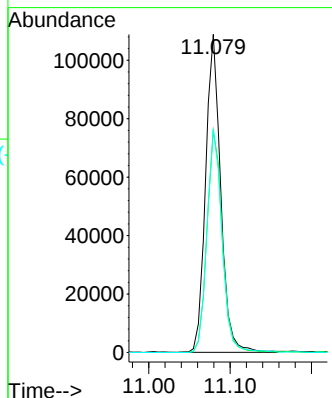
MSVOA_X

ClientSampleId :

NP-WS-002



Tgt Ion:	95	Resp:	139847
Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	148.8
176	70.4	0.0	139.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

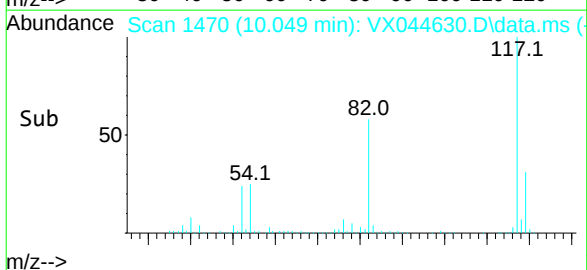
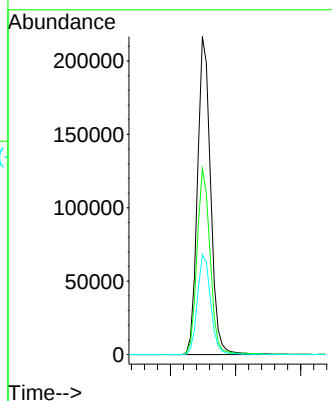
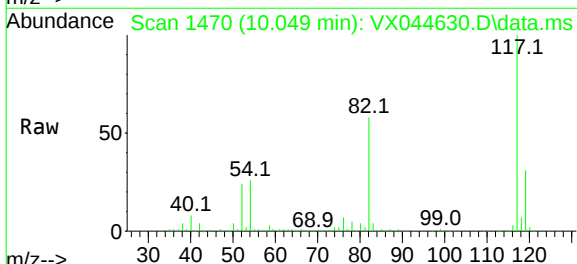
RT: 10.049 min Scan# 1470

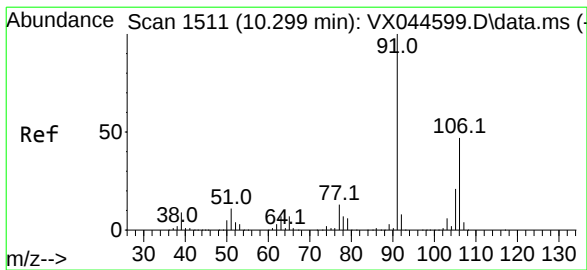
Delta R.T. -0.000 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

Tgt Ion:	117	Resp:	303097
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	31.4	25.0	37.6

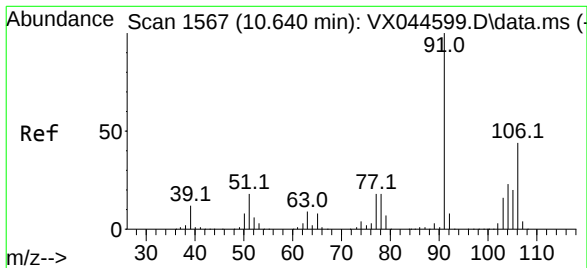
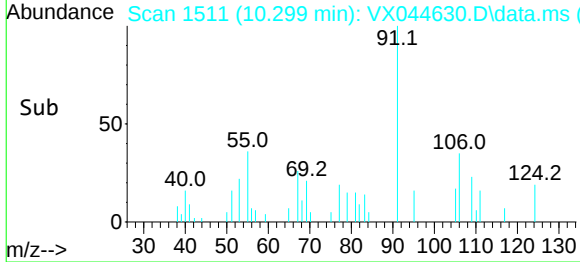
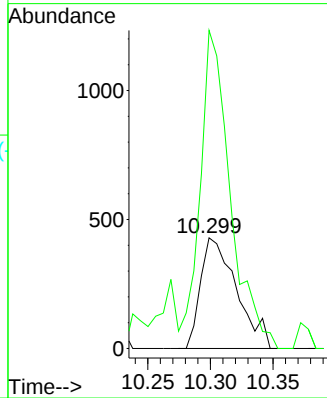
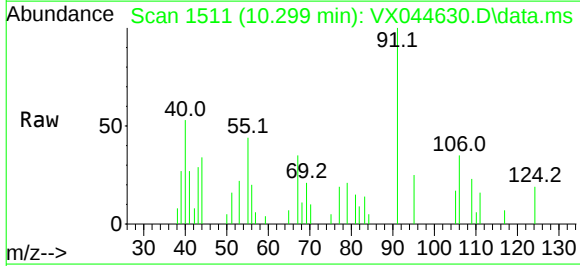




#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

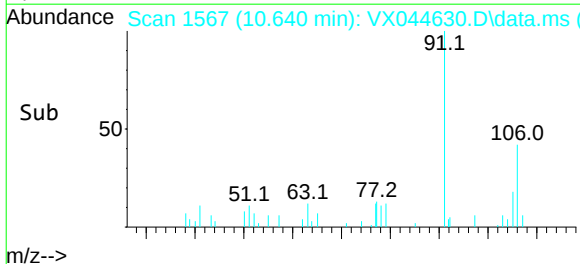
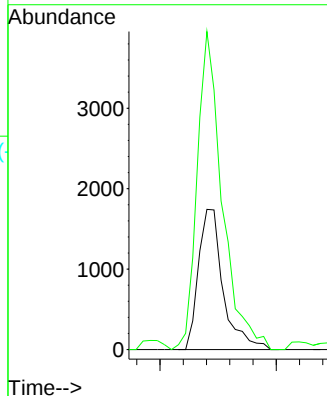
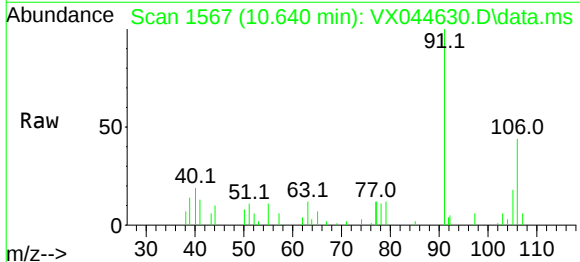
Instrument :
MSVOA_X
ClientSampleId :
NP-WS-002

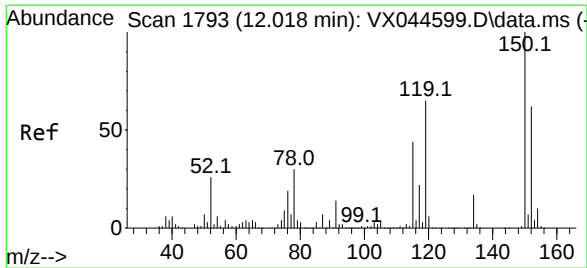
Tgt Ion:106 Resp: 856
Ion Ratio Lower Upper
106 100
91 241.6 170.4 255.6



#69
o-Xylene
Concen: 0.628 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044630.D
Acq: 08 Jan 2025 15:59

Tgt Ion:106 Resp: 2575
Ion Ratio Lower Upper
106 100
91 229.9 112.3 336.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

NP-WS-002

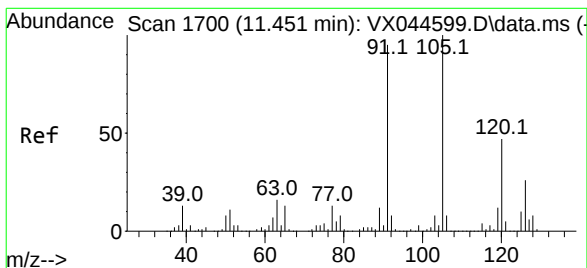
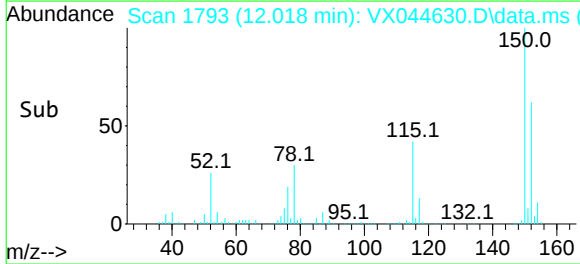
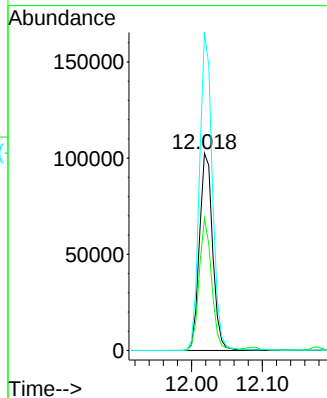
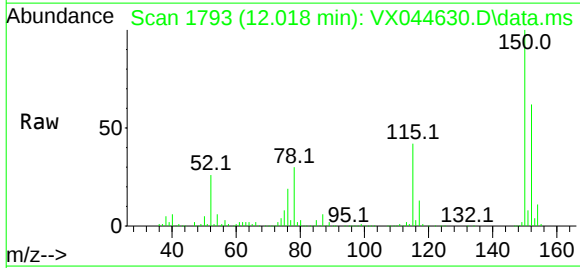
Tgt Ion:152 Resp: 133853

Ion Ratio Lower Upper

152 100

115 63.3 44.4 133.1

150 156.2 0.0 355.0



#80

1,3,5-Trimethylbenzene

Concen: 2.520 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044630.D

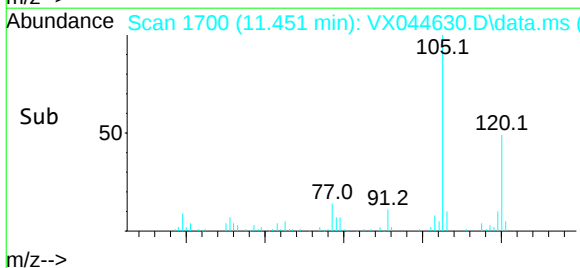
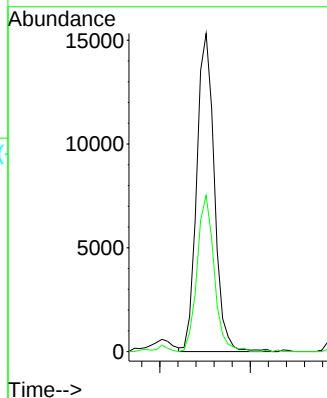
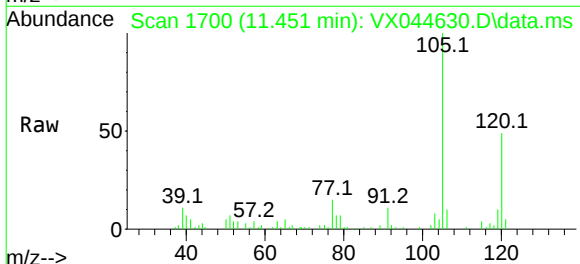
Acq: 08 Jan 2025 15:59

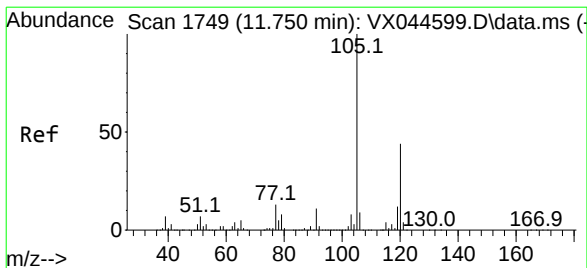
Tgt Ion:105 Resp: 20721

Ion Ratio Lower Upper

105 100

120 47.6 23.5 70.5





#84

1,2,4-Trimethylbenzene

Concen: 0.240 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044630.D

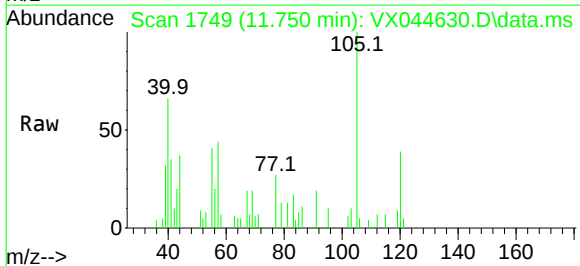
Acq: 08 Jan 2025 15:59

Instrument :

MSVOA_X

ClientSampleId :

NP-WS-002

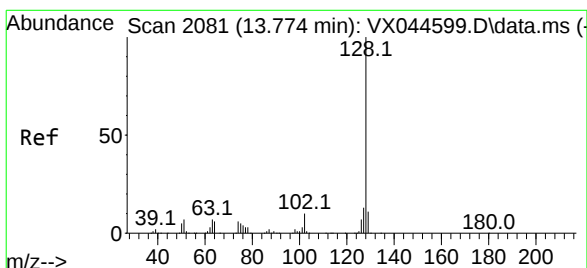
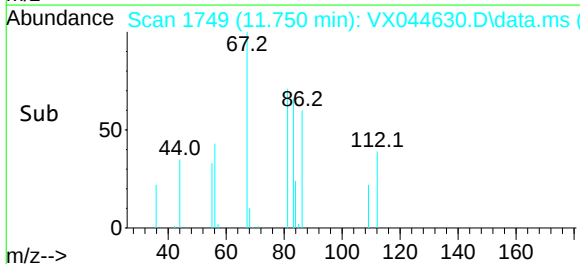
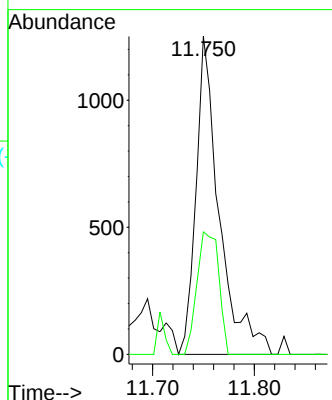


Tgt Ion:105 Resp: 1979

Ion Ratio Lower Upper

105 100

120 36.2 21.9 65.7



#95

Naphthalene

Concen: 0.752 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044630.D

Acq: 08 Jan 2025 15:59

Tgt Ion:128 Resp: 6276

Ion Ratio Lower Upper

128 100

127 18.9 10.5 15.7#

129 29.7 8.6 13.0#

