

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045980.D
 Acq On : 29 Apr 2025 14:21
 Operator : JC/MD
 Sample : Q1896-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 295-BERGEN-FRAC

Quant Time: Apr 30 01:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

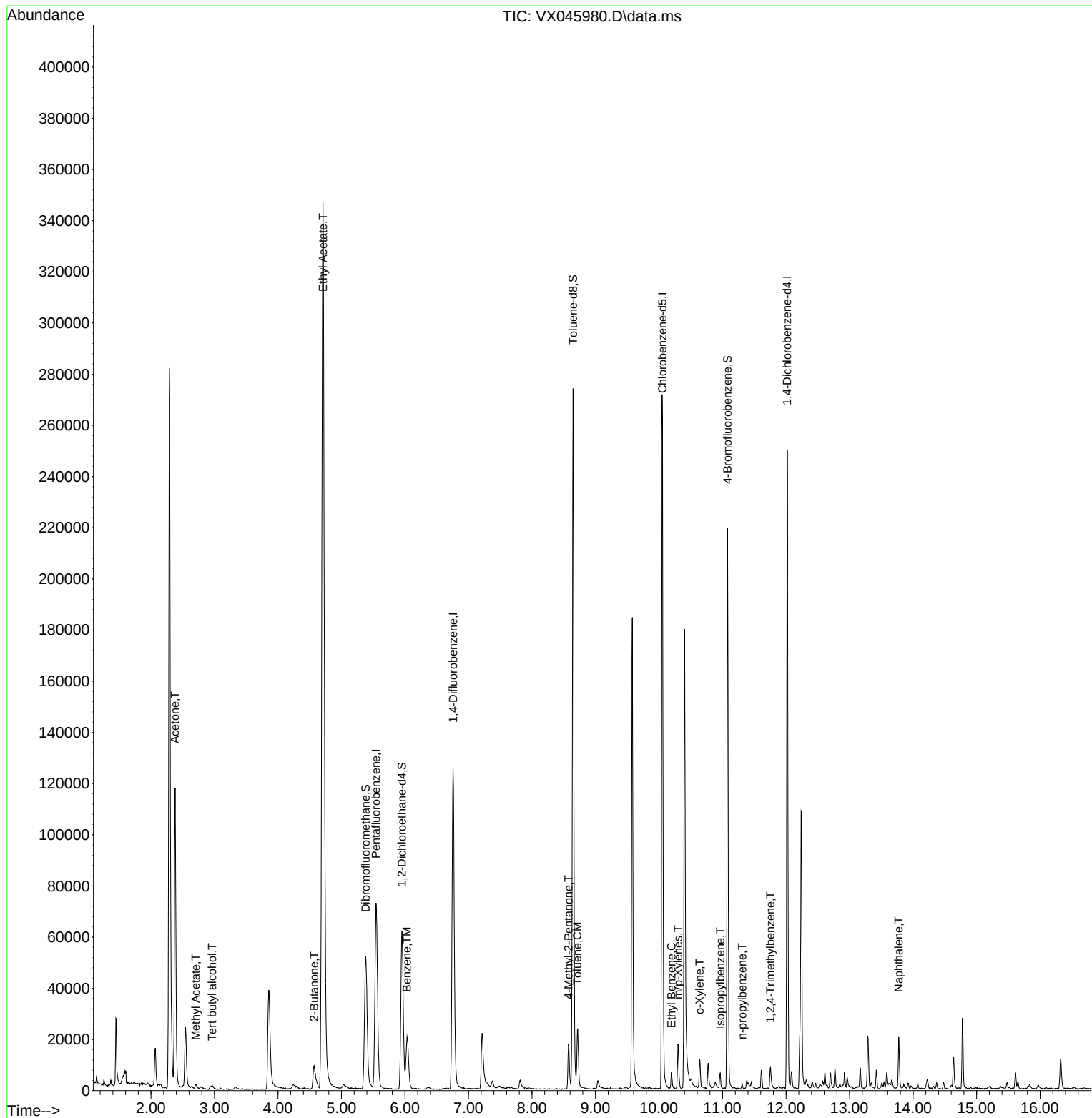
Internal Standards						
1) Pentafluorobenzene	5.543	168	61702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62288	55.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.400%	
35) Dibromofluoromethane	5.379	113	45359	53.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.040%	
50) Toluene-d8	8.646	98	152513	51.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	11.079	95	56360	51.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1698	11.197	ug/l #	83
16) Acetone	2.379	43	121549	262.332	ug/l	99
18) Methyl Acetate	2.702	43	2227	2.088	ug/l #	88
25) 2-Butanone	4.568	43	18156	26.769	ug/l	99
37) Ethyl Acetate	4.708	43	604349	415.196	ug/l	99
40) Benzene	6.031	78	24174	6.853	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	11739	8.027	ug/l	100
52) Toluene	8.713	92	8492	3.978	ug/l	97
67) Ethyl Benzene	10.195	91	3819	0.890	ug/l	90
68) m/p-Xylenes	10.299	106	4102	2.629	ug/l	96
69) o-Xylene	10.640	106	2322	1.511	ug/l	97
73) Isopropylbenzene	10.963	105	3170	0.906	ug/l	96
78) n-propylbenzene	11.311	91	1225	0.304	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	4705	1.620	ug/l	87
95) Naphthalene	13.774	128	11719	3.867	ug/l	97

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

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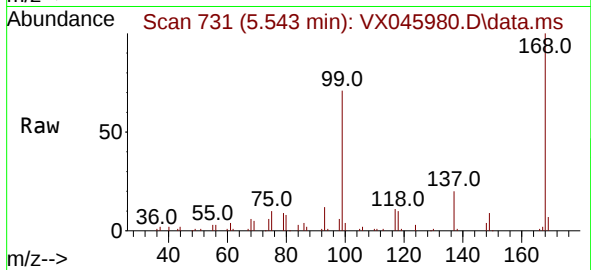
Quant Time: Apr 30 01:39:10 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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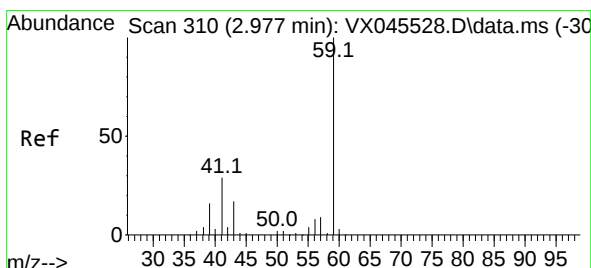
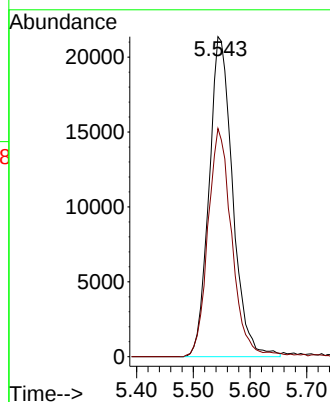
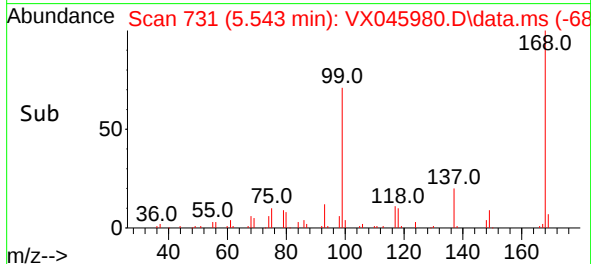


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

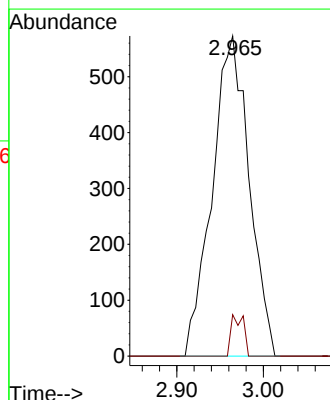
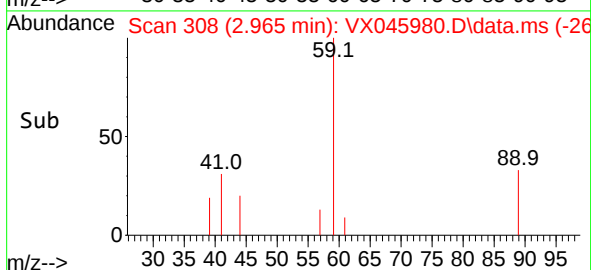
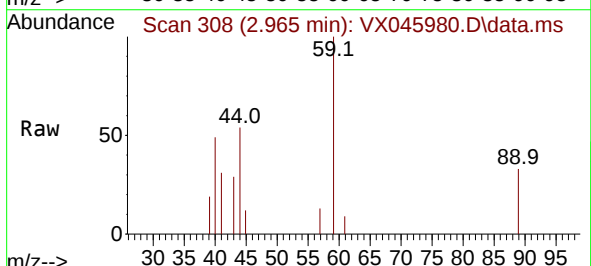


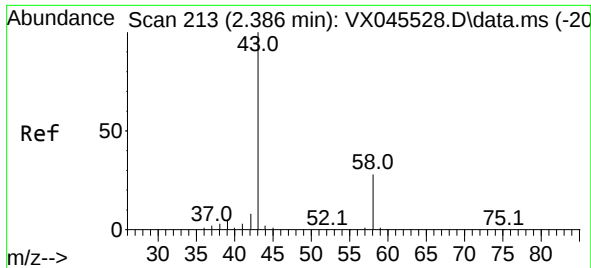
Tgt Ion:168 Resp: 61702
Ion Ratio Lower Upper
168 100
99 71.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 11.197 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.013 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 59 Resp: 1698
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#

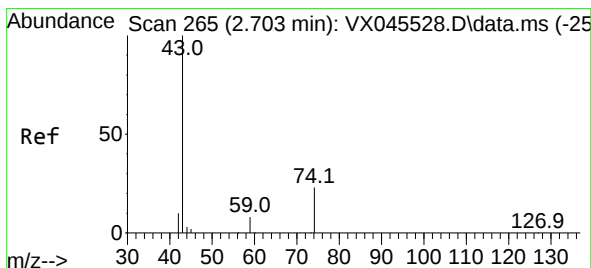
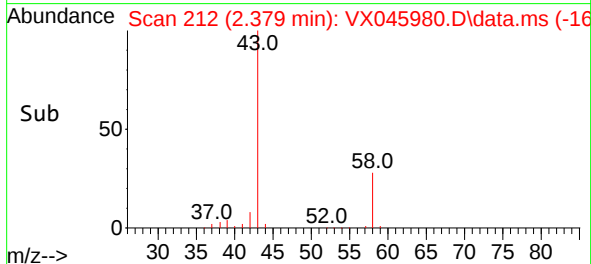
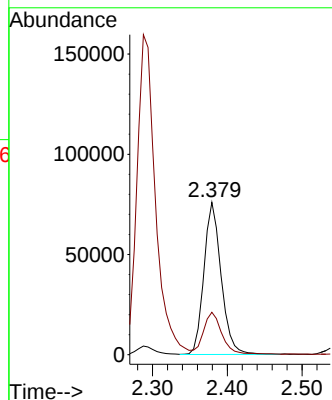
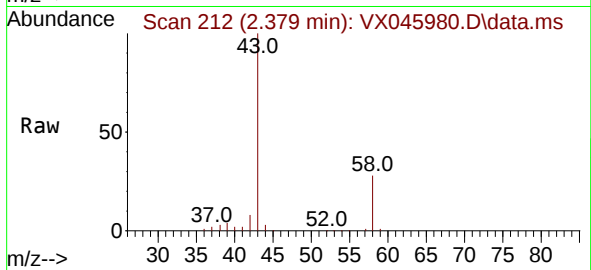




#16
Acetone
Concen: 262.332 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

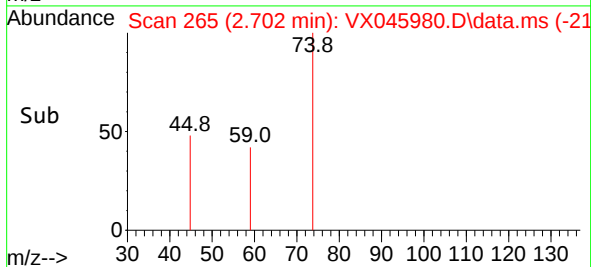
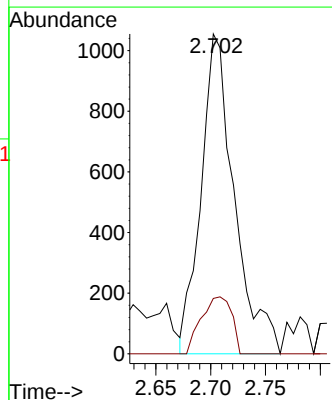
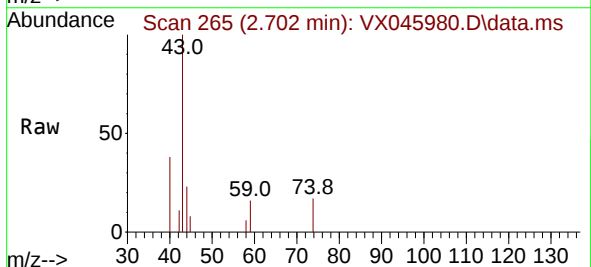
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

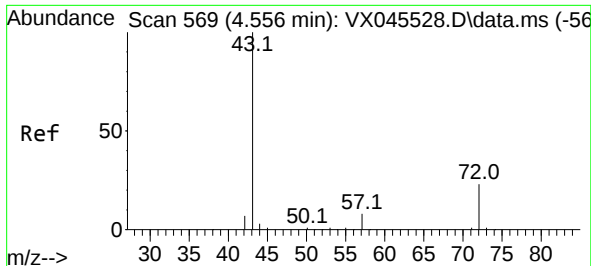
Tgt Ion: 43 Resp: 121549
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#18
Methyl Acetate
Concen: 2.088 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 43 Resp: 2227
Ion Ratio Lower Upper
43 100
74 16.3 17.5 26.3#

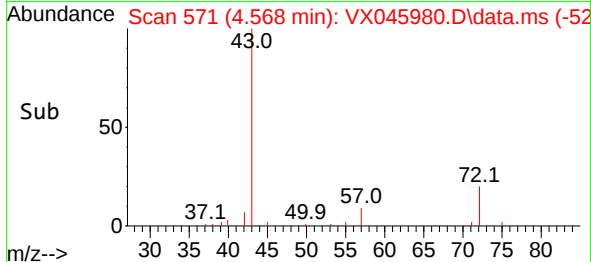
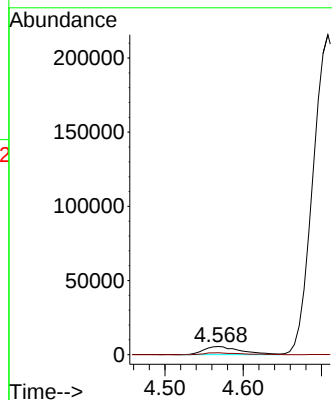
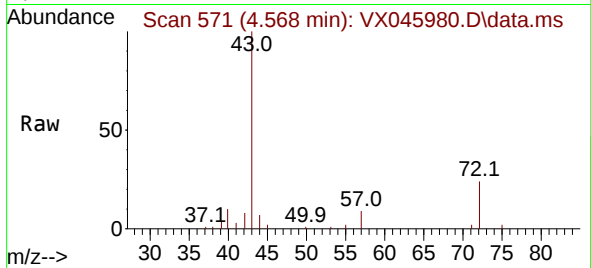




#25
2-Butanone
Concen: 26.769 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

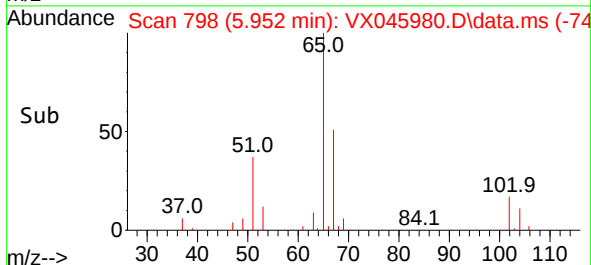
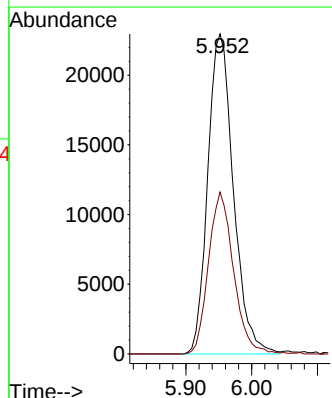
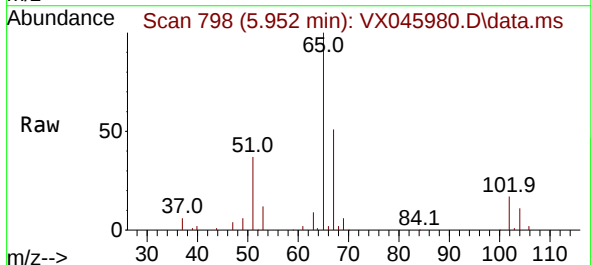
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Tgt Ion: 43 Resp: 18156
Ion Ratio Lower Upper
43 100
72 23.7 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.202 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 65 Resp: 62288
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

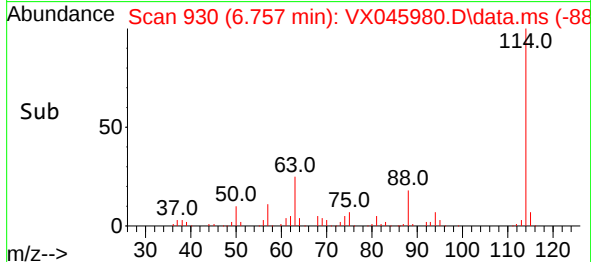
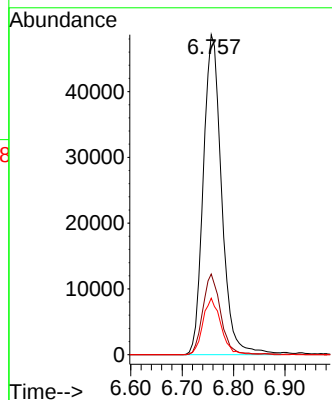
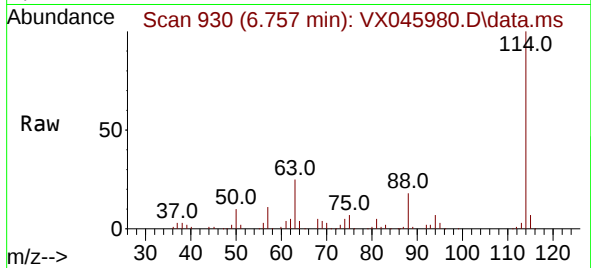




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045980.D
 Acq: 29 Apr 2025 14:21

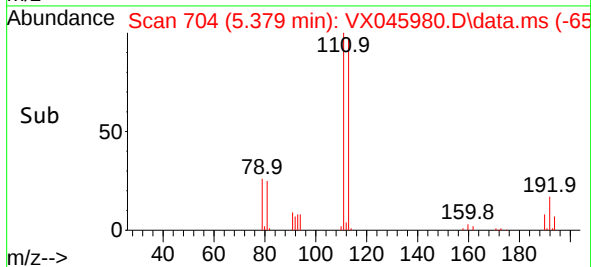
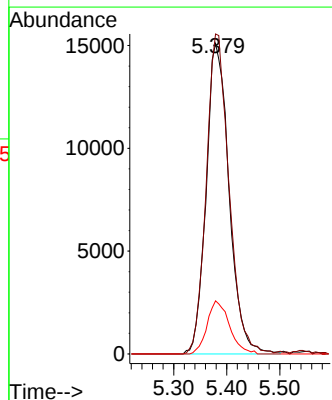
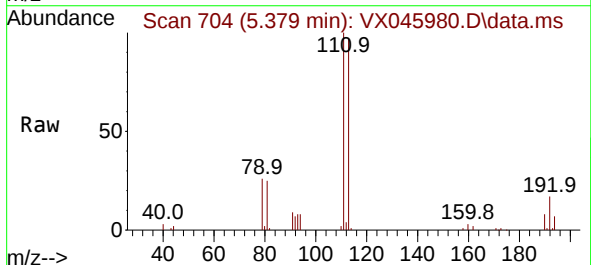
Instrument :
 MSVOA_X
 ClientSampleId :
 295-BERGEN-FRAC

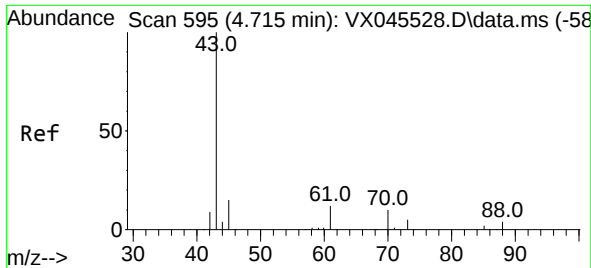
Tgt Ion:114 Resp: 120571
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 46.8
 88 17.6 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 53.023 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045980.D
 Acq: 29 Apr 2025 14:21

Tgt Ion:113 Resp: 45359
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 16.7 13.8 20.6





#37

Ethyl Acetate

Concen: 415.196 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045980.D

Acq: 29 Apr 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

295-BERGEN-FRAC

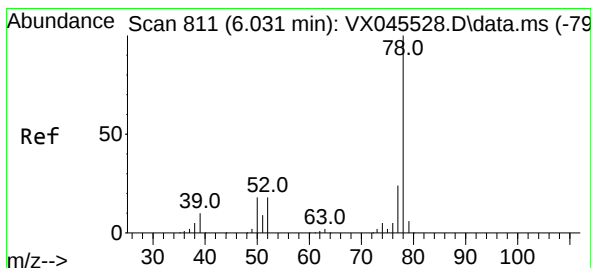
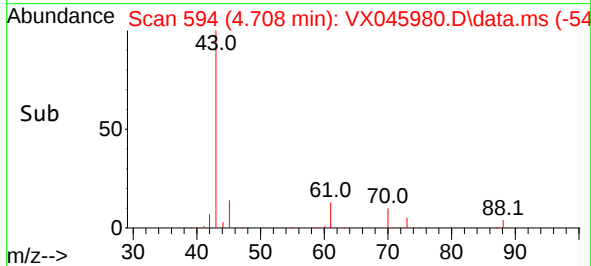
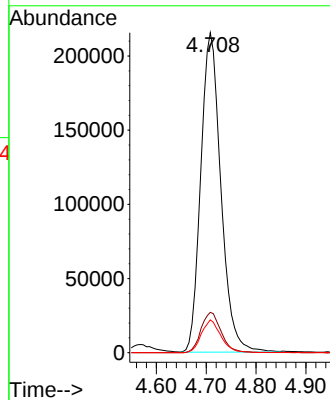
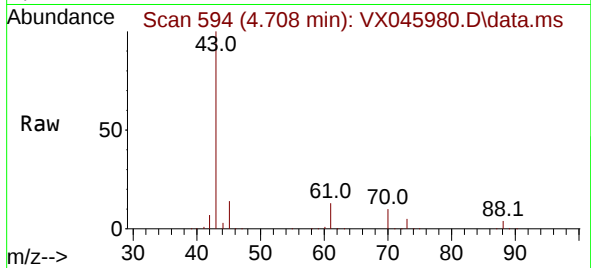
Tgt Ion: 43 Resp: 604349

Ion Ratio Lower Upper

43 100

61 12.7 9.9 14.9

70 10.0 7.5 11.3



#40

Benzene

Concen: 6.853 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045980.D

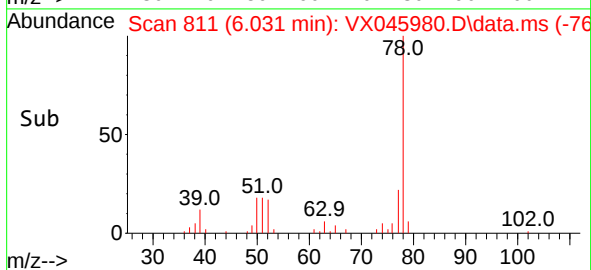
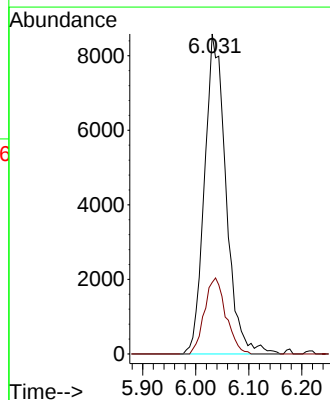
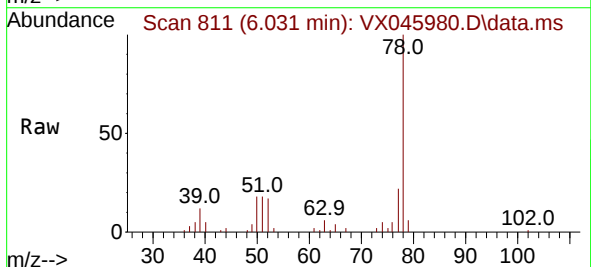
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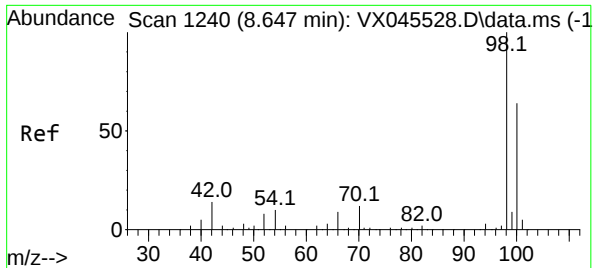
Tgt Ion: 78 Resp: 24174

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

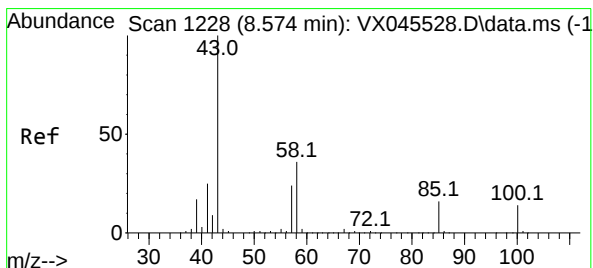
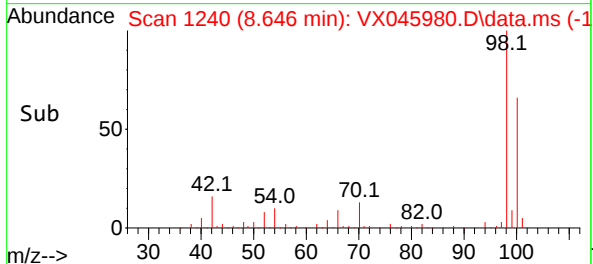
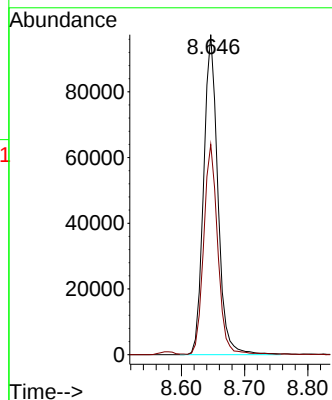
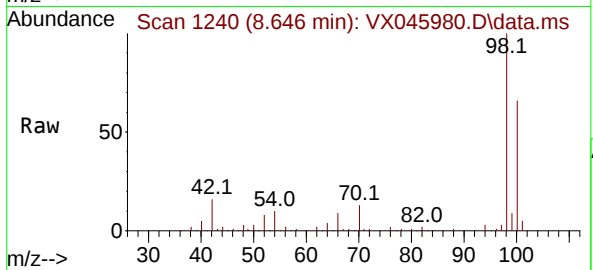




#50
Toluene-d8
Concen: 51.078 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

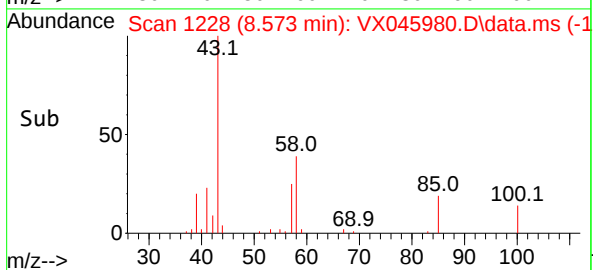
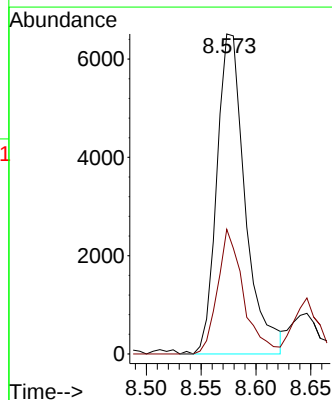
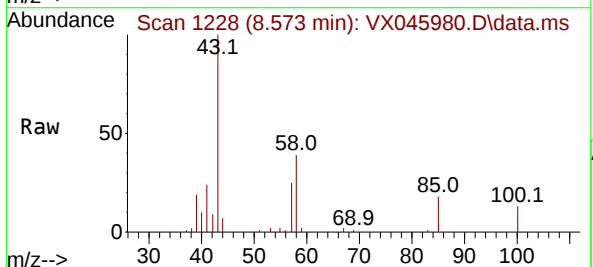
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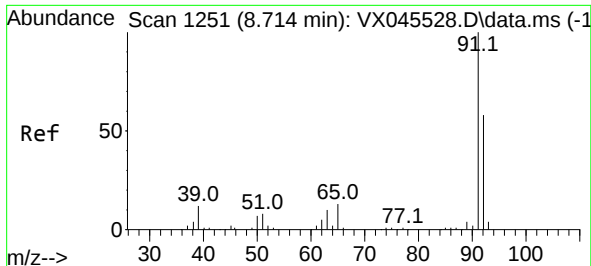
Tgt Ion: 98 Resp: 152513
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 8.027 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 43 Resp: 11739
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

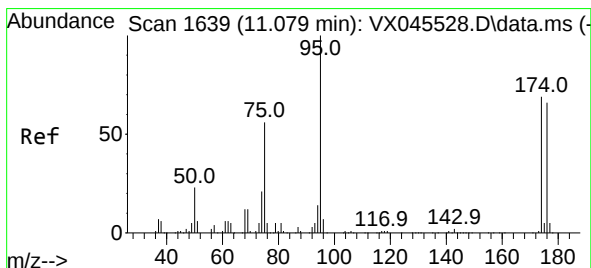
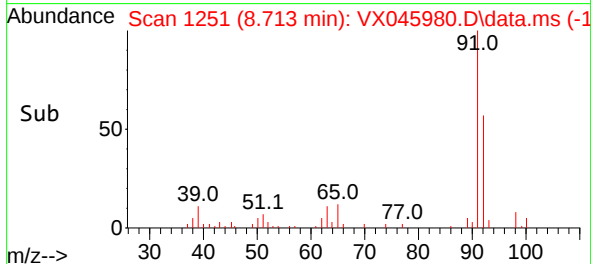
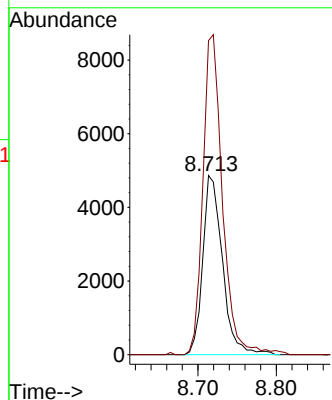
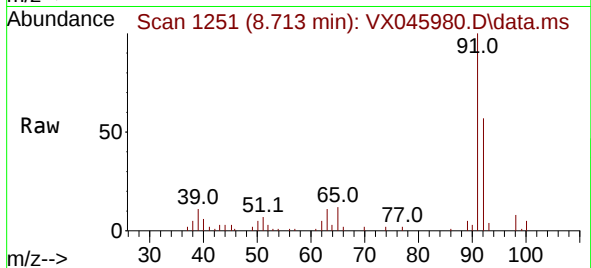




#52
Toluene
Concen: 3.978 ug/l
RT: 8.713 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

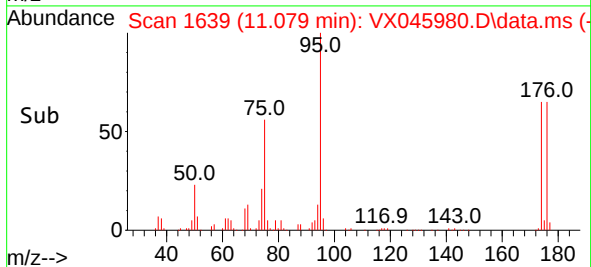
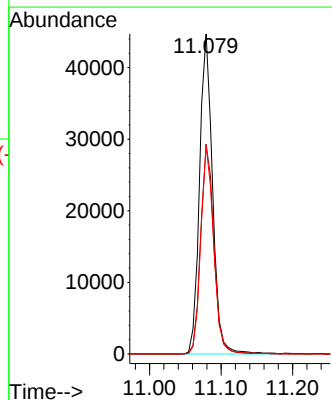
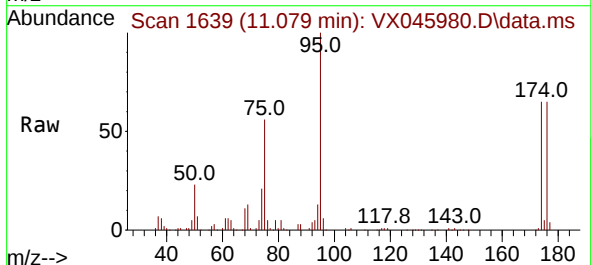
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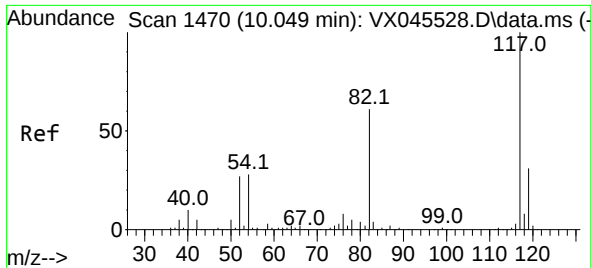
Tgt Ion: 92 Resp: 8492
Ion Ratio Lower Upper
92 100
91 177.6 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 51.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 95 Resp: 56360
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.5 0.0 131.4

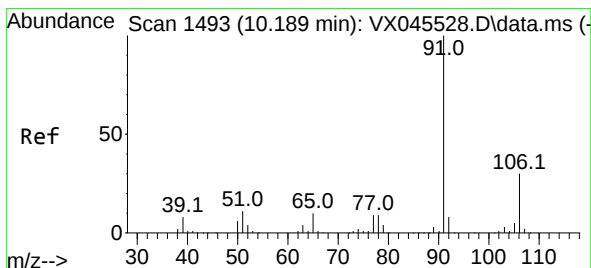
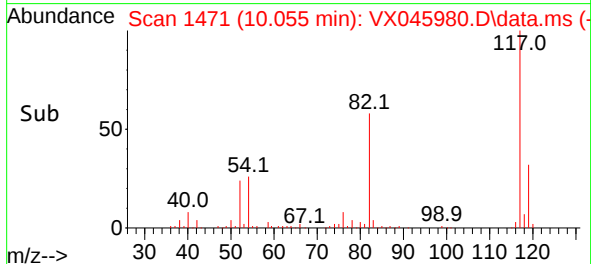
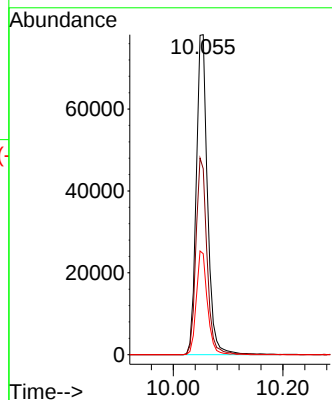
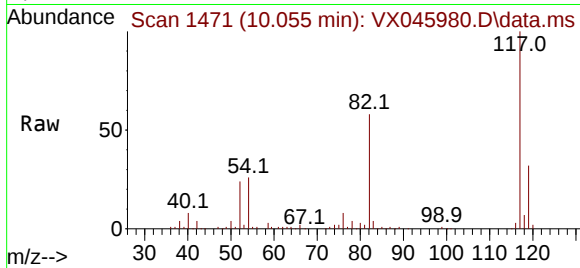




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

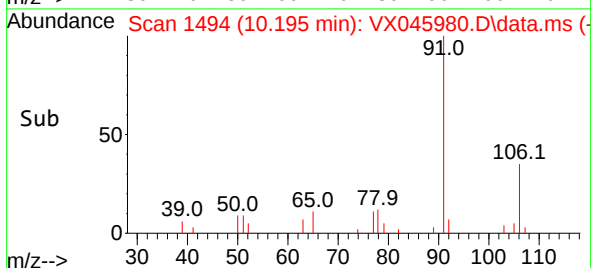
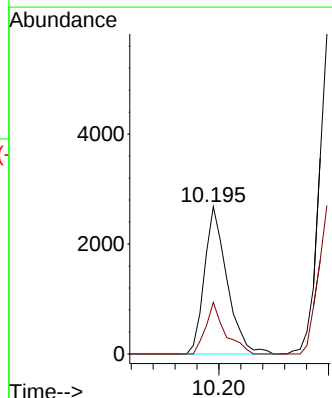
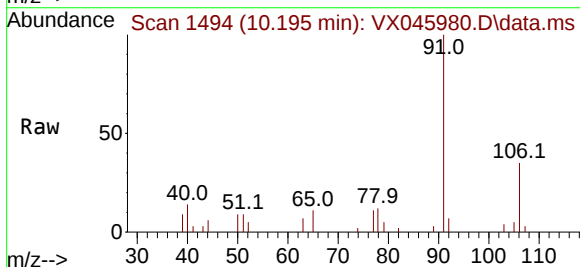
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

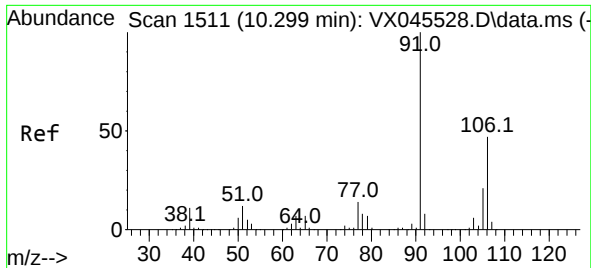
Tgt Ion:117 Resp: 112079
Ion Ratio Lower Upper
117 100
82 58.1 49.2 73.8
119 31.5 25.1 37.7



#67
Ethyl Benzene
Concen: 0.890 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion: 91 Resp: 3819
Ion Ratio Lower Upper
91 100
106 35.0 23.7 35.5

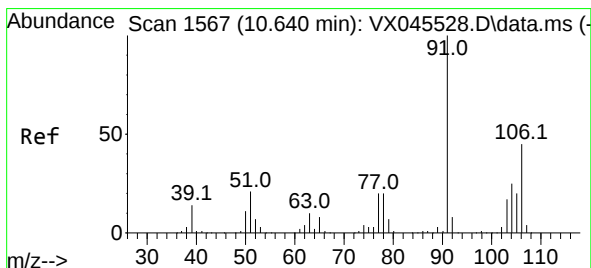
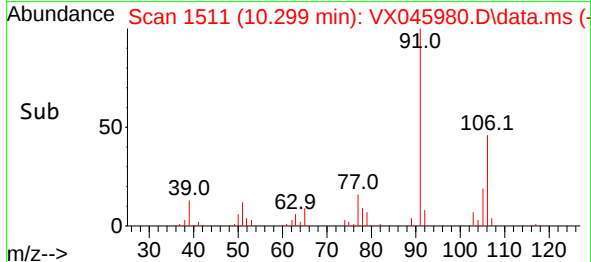
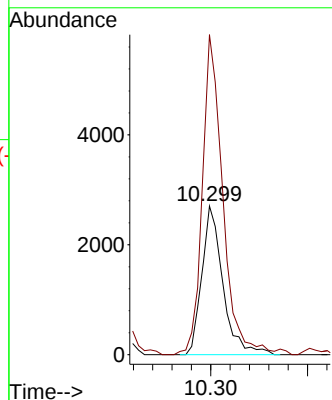
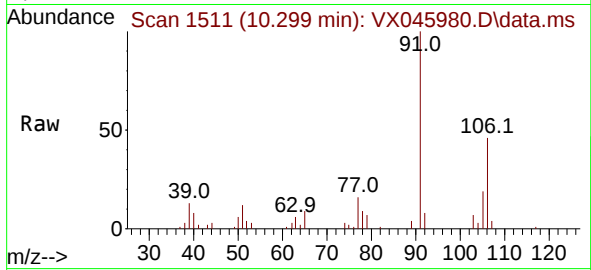




#68
m/p-Xylenes
Concen: 2.629 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

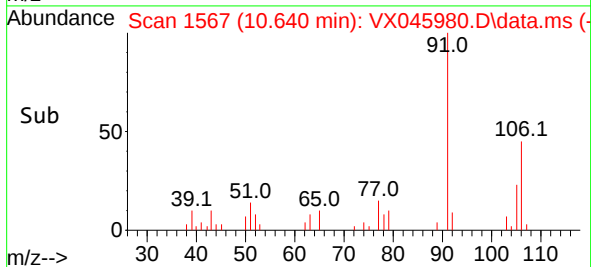
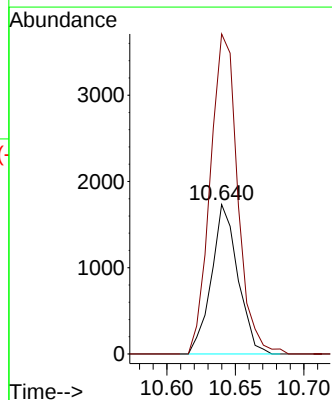
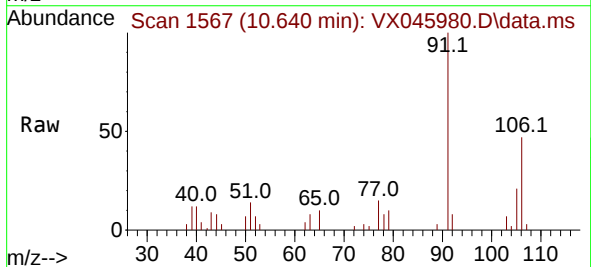
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

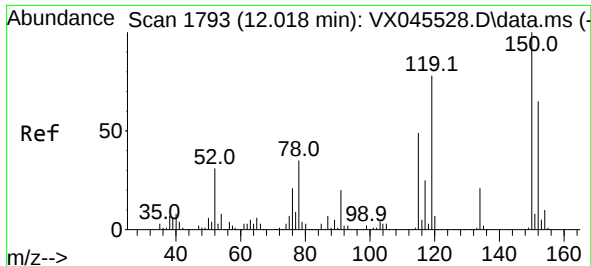
Tgt Ion:106 Resp: 4102
Ion Ratio Lower Upper
106 100
91 209.8 172.6 258.8



#69
o-Xylene
Concen: 1.511 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion:106 Resp: 2322
Ion Ratio Lower Upper
106 100
91 222.3 113.6 340.6

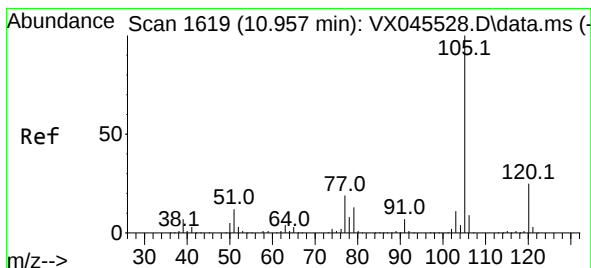
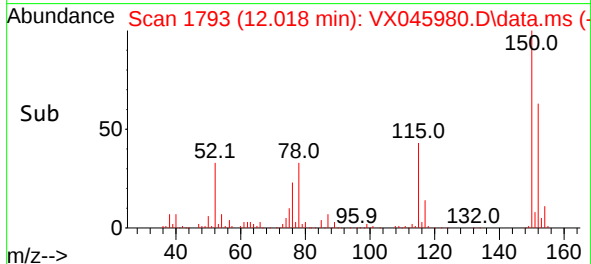
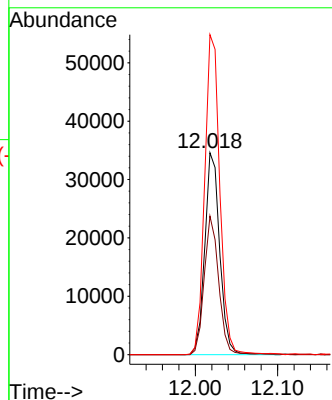
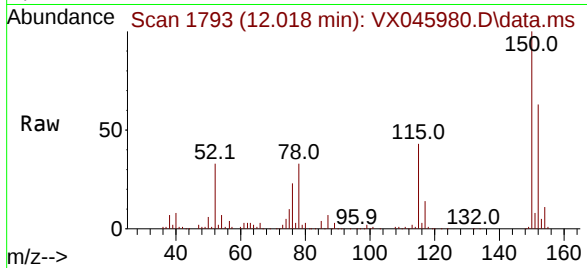




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

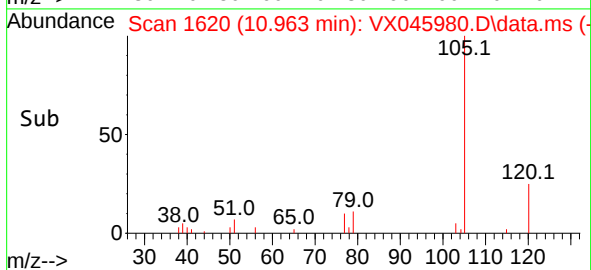
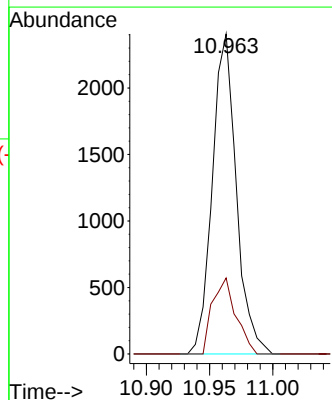
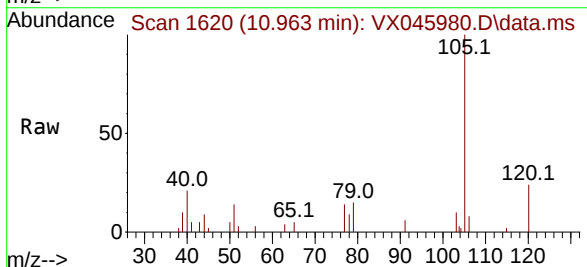
Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

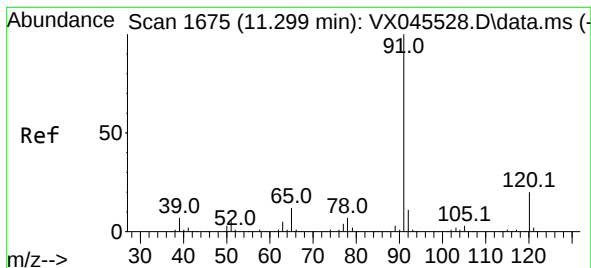
Tgt Ion:152 Resp: 43674
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 160.1 0.0 349.4



#73
Isopropylbenzene
Concen: 0.906 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045980.D
Acq: 29 Apr 2025 14:21

Tgt Ion:105 Resp: 3170
Ion Ratio Lower Upper
105 100
120 23.2 12.7 38.0





#78

n-propylbenzene

Concen: 0.304 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX045980.D

Acq: 29 Apr 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

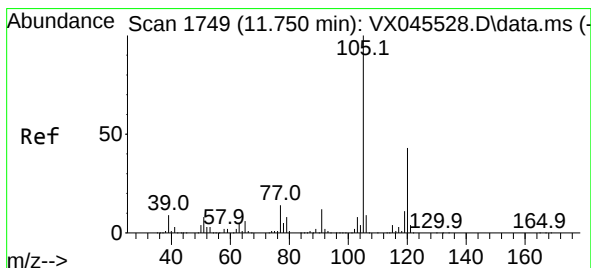
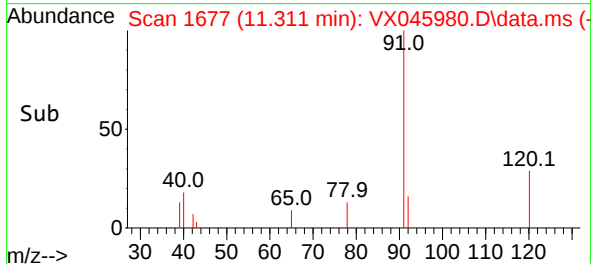
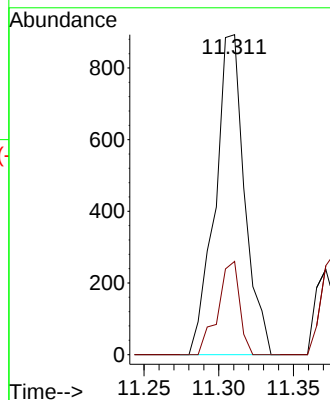
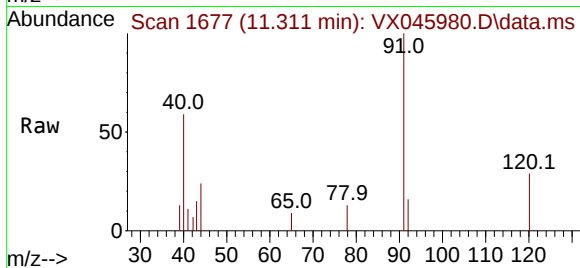
295-BERGEN-FRAC

Tgt Ion: 91 Resp: 1225

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3



#84

1,2,4-Trimethylbenzene

Concen: 1.620 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX045980.D

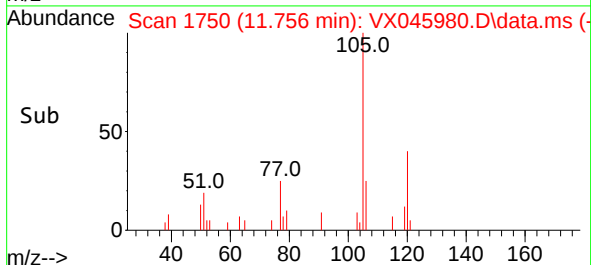
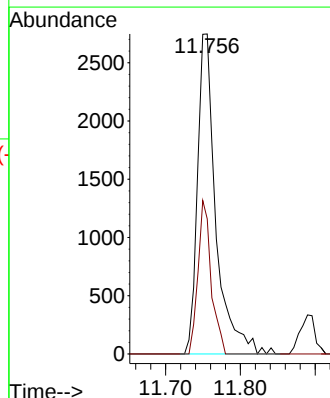
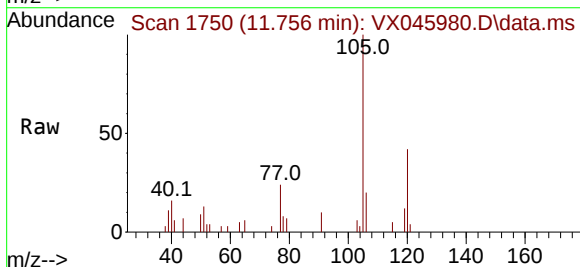
Acq: 29 Apr 2025 14:21

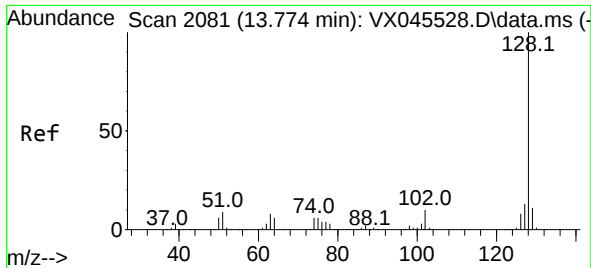
Tgt Ion: 105 Resp: 4705

Ion Ratio Lower Upper

105 100

120 34.3 21.4 64.3





#95

Naphthalene

Concen: 3.867 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045980.D

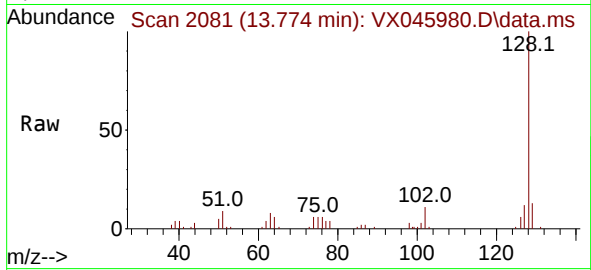
Acq: 29 Apr 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

295-BERGEN-FRAC



Tgt Ion:128 Resp: 11719

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 12.3 8.6 12.8

