

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045004.D
 Acq On : 19 Feb 2025 14:04
 Operator : JC/MD
 Sample : Q1376-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW32DL

Quant Time: Feb 20 02:38:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

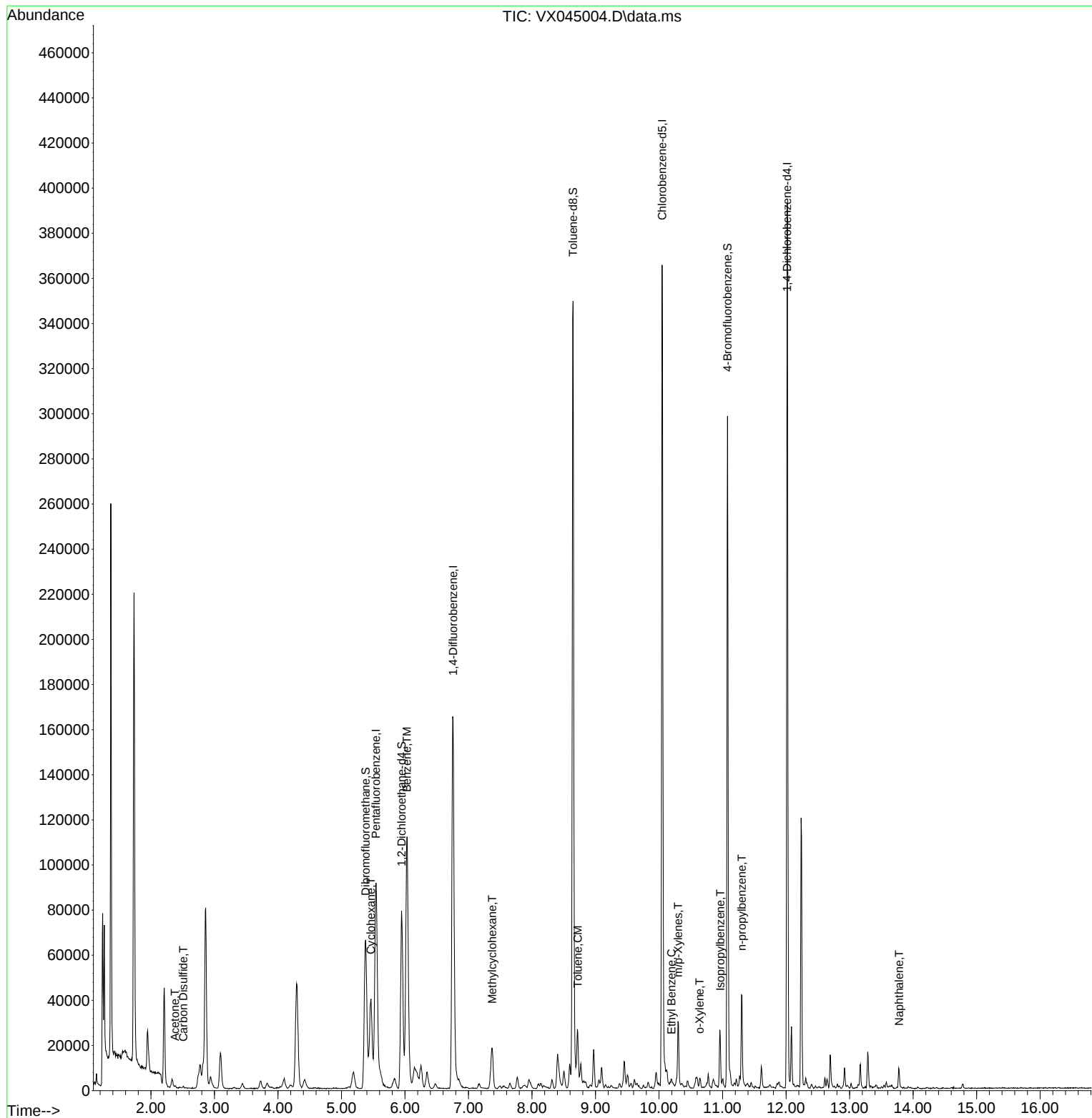
Internal Standards						
1) Pentafluorobenzene	5.544	168	87497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71256	55.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.260%	
35) Dibromofluoromethane	5.379	113	59094	51.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	8.647	98	217606	49.768	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.079	95	78542	53.284	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.560%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	914	1.775	ug/l #	79
17) Carbon Disulfide	2.508	76	823	0.266	ug/l #	87
31) Cyclohexane	5.464	56	27184	13.667	ug/l	98
39) Methylcyclohexane	7.373	83	7301	3.385	ug/l	88
40) Benzene	6.031	78	136868	26.274	ug/l	99
52) Toluene	8.720	92	8739	2.817	ug/l	97
67) Ethyl Benzene	10.195	91	2050	0.334	ug/l #	85
68) m/p-Xylenes	10.299	106	6509	2.873	ug/l	99
69) o-Xylene	10.640	106	765	0.337	ug/l	84
73) Isopropylbenzene	10.963	105	13633	2.289	ug/l	99
78) n-propylbenzene	11.305	91	27520	4.003	ug/l	98
95) Naphthalene	13.780	128	6107	1.144	ug/l	96

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

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Instrument :
MSVOA_X
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MW32DL

Quant Time: Feb 20 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

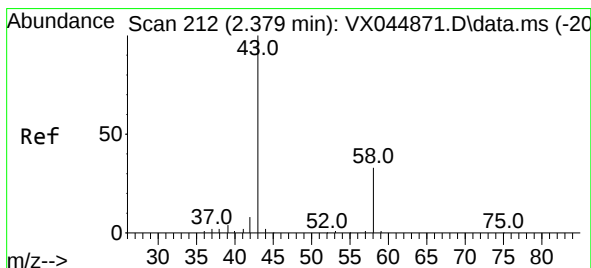
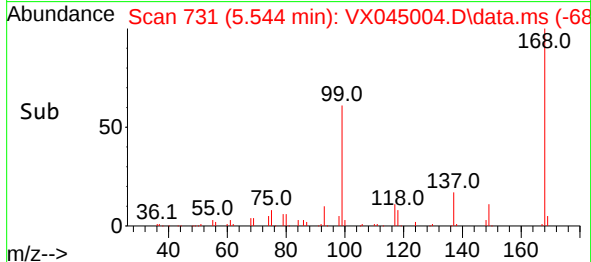
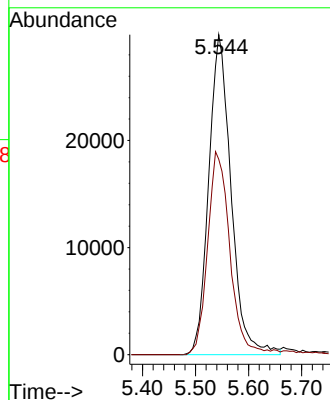
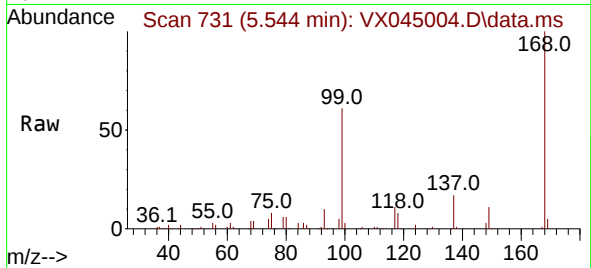




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

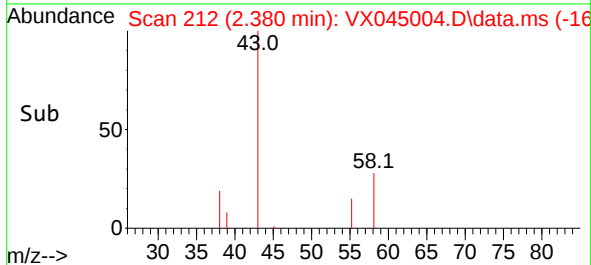
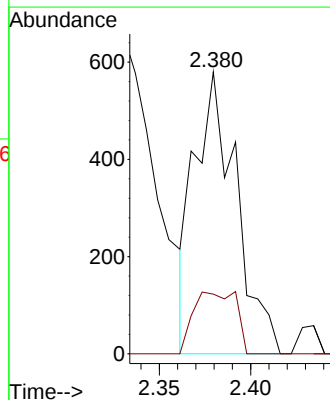
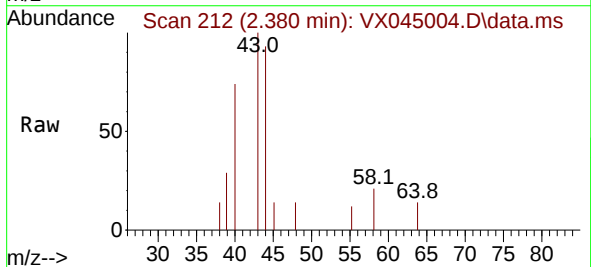
Instrument :
MSVOA_X
ClientSampleId :
MW32DL

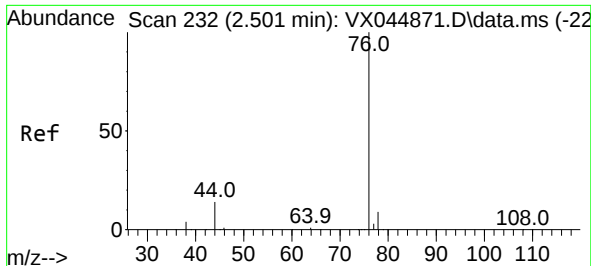
Tgt Ion:168 Resp: 87497
Ion Ratio Lower Upper
168 100
99 61.1 51.2 76.8



#16
Acetone
Concen: 1.775 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 21.2 26.5 39.7#

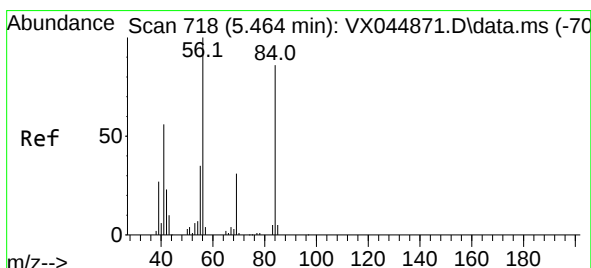
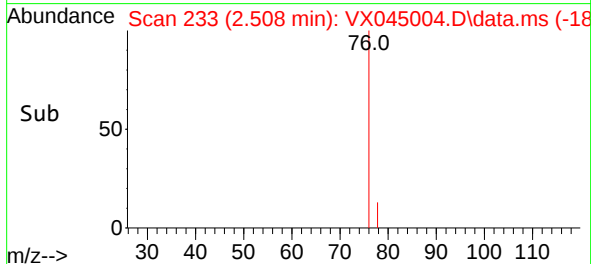
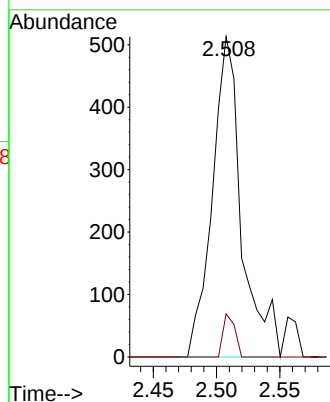
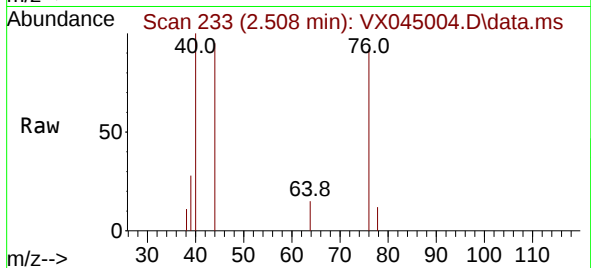




#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

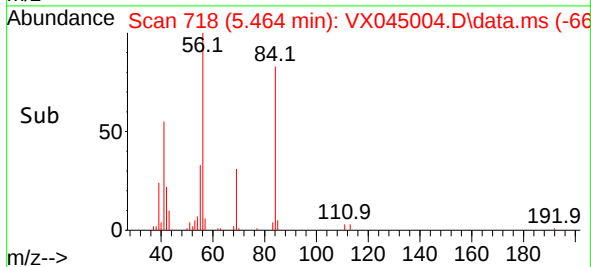
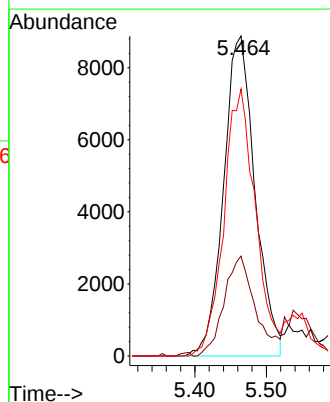
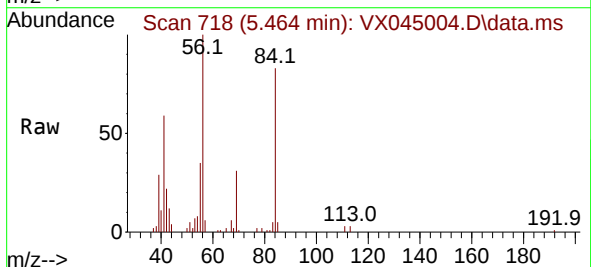
Instrument :
MSVOA_X
ClientSampleId :
MW32DL

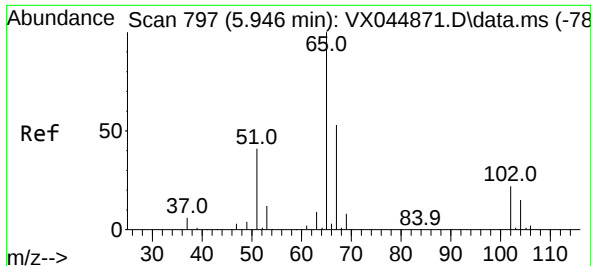
Tgt Ion: 76 Resp: 823
Ion Ratio Lower Upper
76 100
78 13.5 7.0 10.4#



#31
Cyclohexane
Concen: 13.667 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 56 Resp: 27184
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 83.4 69.0 103.6

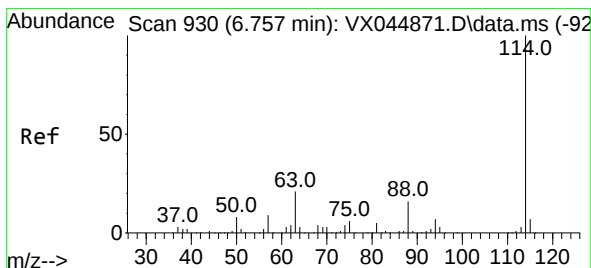
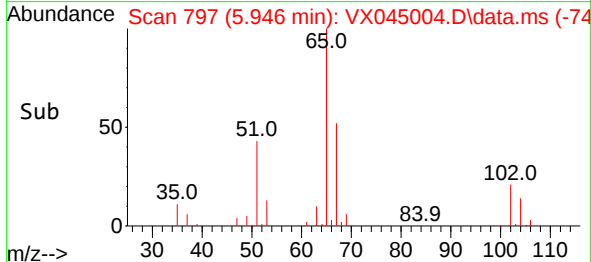
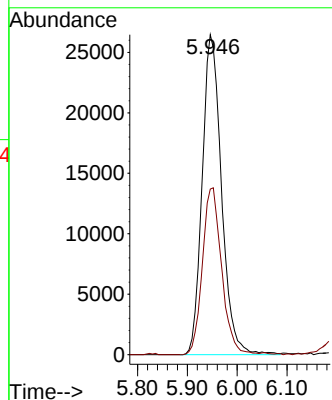
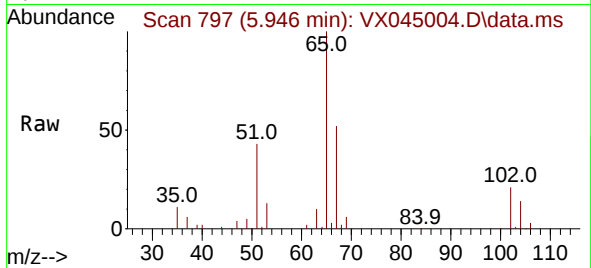




#33
1,2-Dichloroethane-d4
Concen: 55.634 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

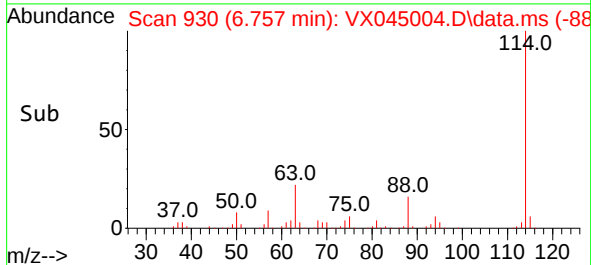
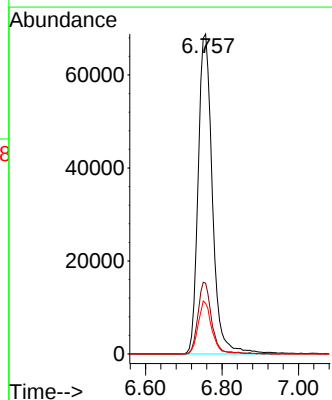
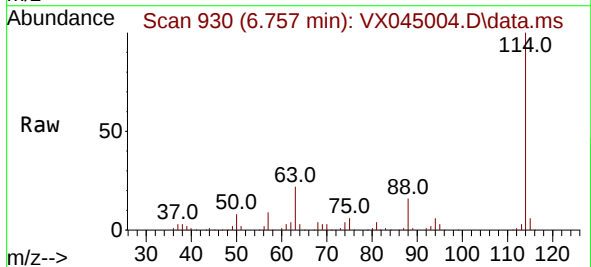
Instrument :
MSVOA_X
ClientSampleId :
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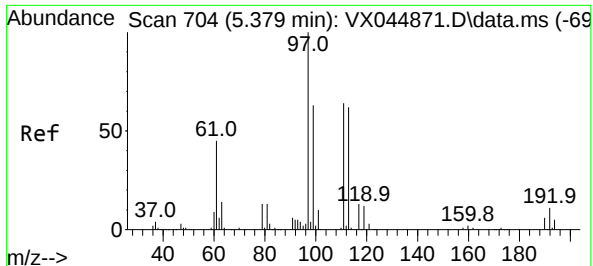
Tgt Ion: 65 Resp: 71256
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 114 Resp: 177846
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 15.8 0.0 31.4

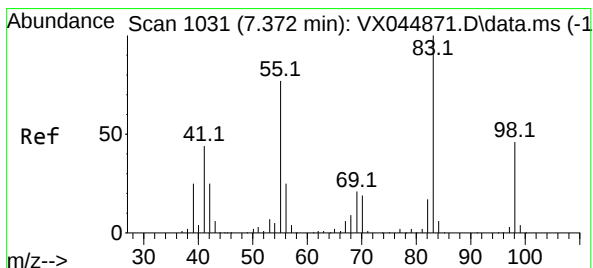
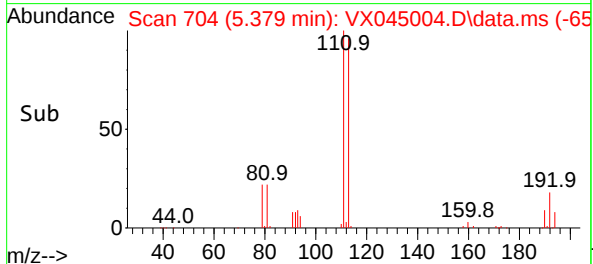
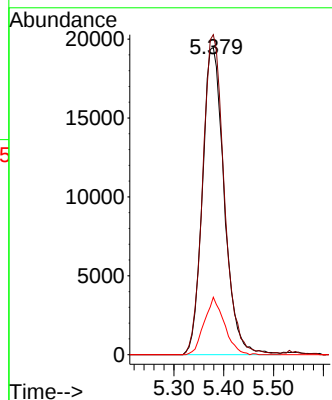
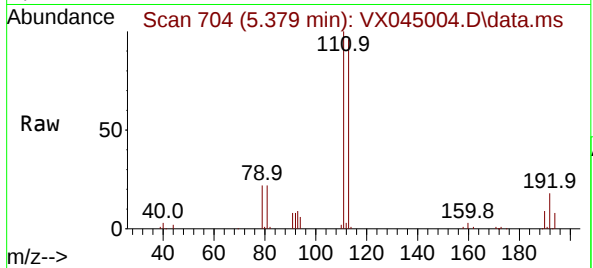




#35
Dibromofluoromethane
Concen: 51.106 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

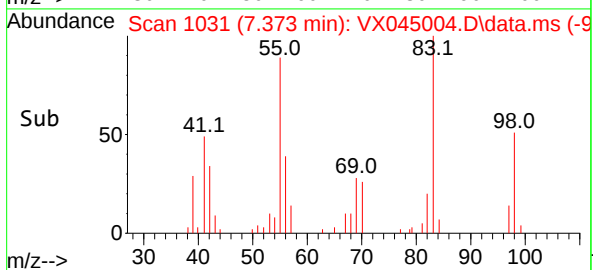
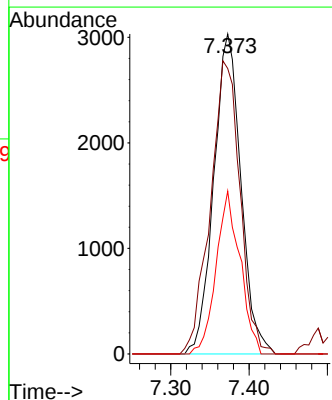
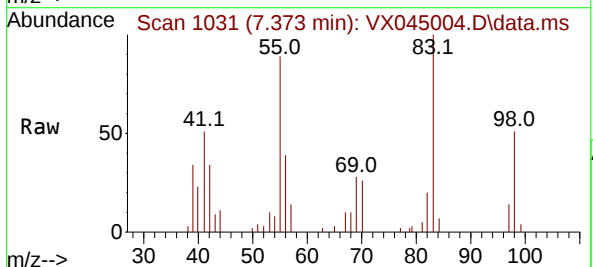
Instrument :
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ClientSampleId :
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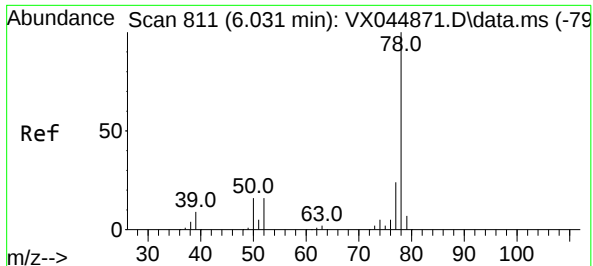
Tgt Ion:113 Resp: 59094
Ion Ratio Lower Upper
113 100
111 102.8 83.5 125.3
192 17.3 14.4 21.6



#39
Methylcyclohexane
Concen: 3.385 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 83 Resp: 7301
Ion Ratio Lower Upper
83 100
55 89.2 61.3 91.9
98 50.9 37.0 55.6

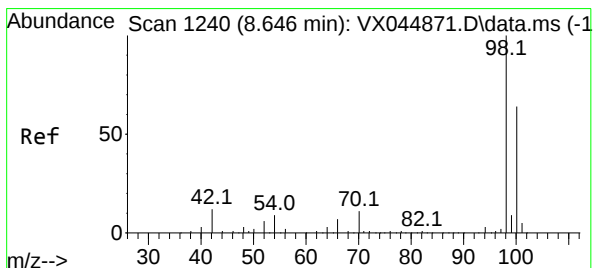
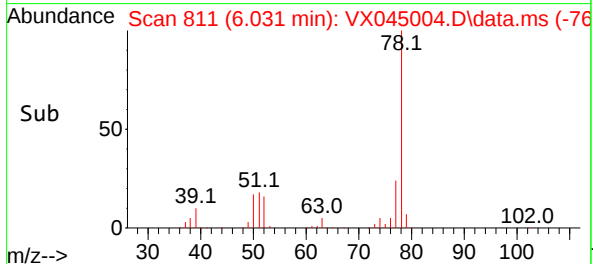
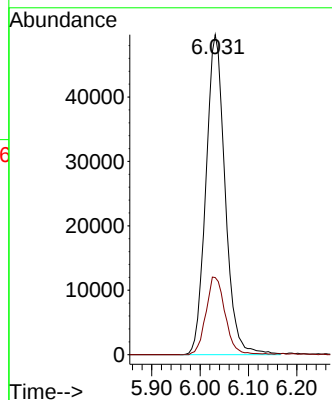
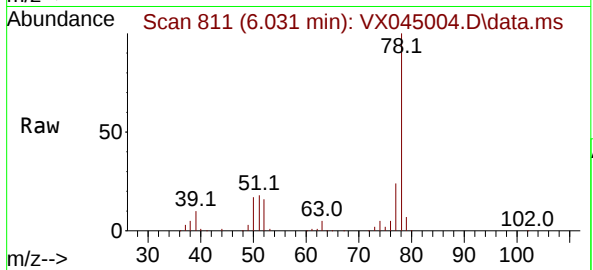




#40
Benzene
Concen: 26.274 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

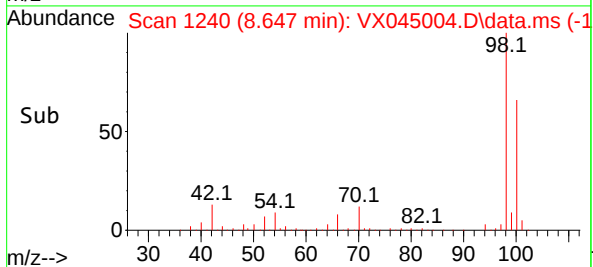
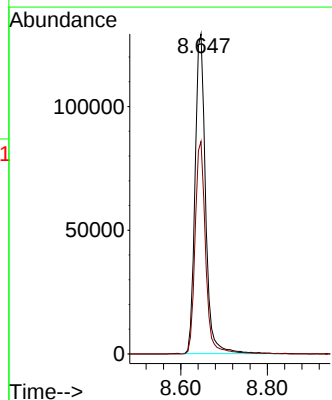
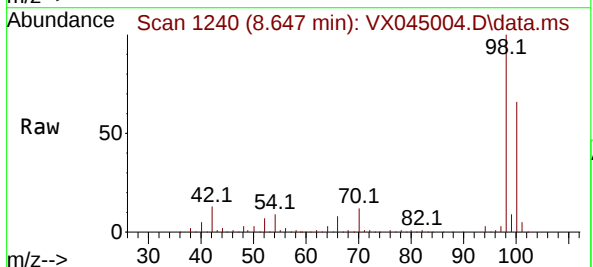
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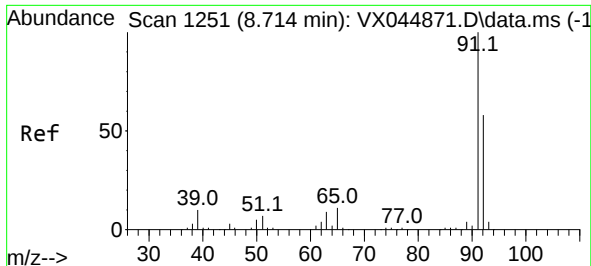
Tgt Ion: 78 Resp: 136868
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#50
Toluene-d8
Concen: 49.768 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 98 Resp: 217606
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1

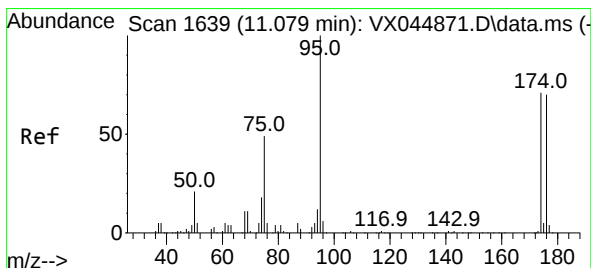
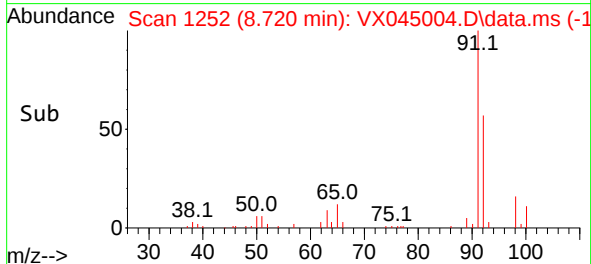
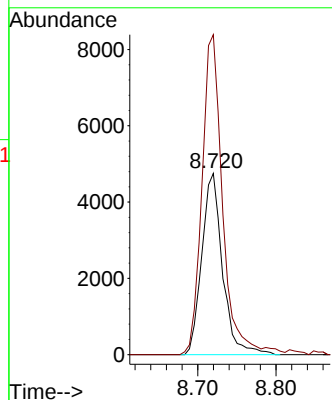
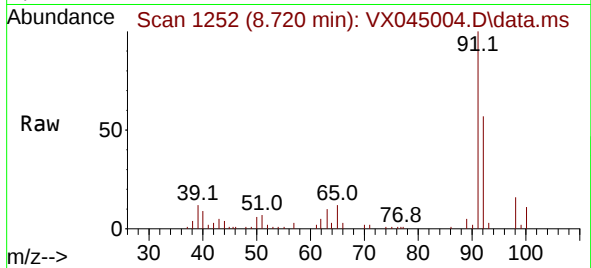




#52
Toluene
Concen: 2.817 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

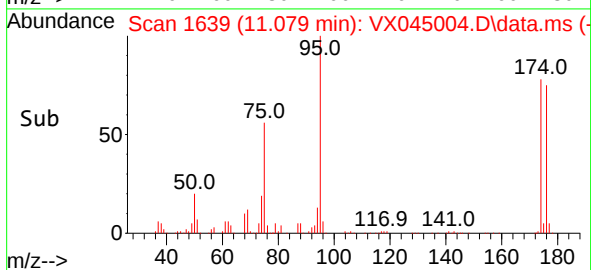
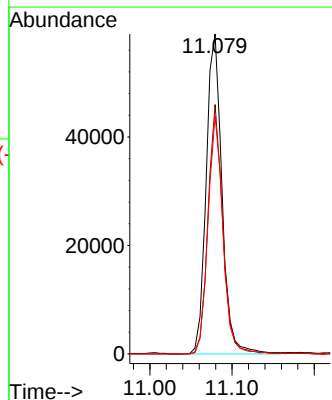
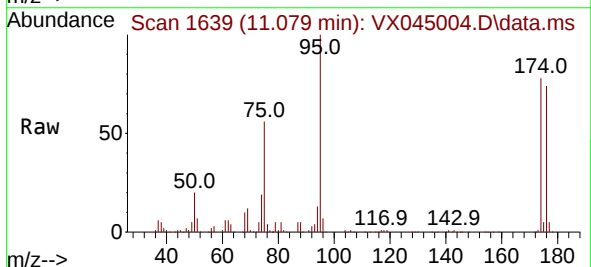
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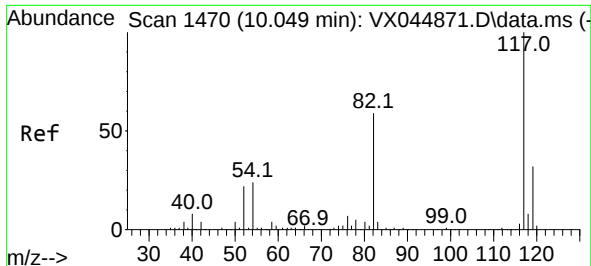
Tgt Ion: 92 Resp: 8739
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.2



#62
4-Bromofluorobenzene
Concen: 53.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 95 Resp: 78542
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 70.7 0.0 141.6

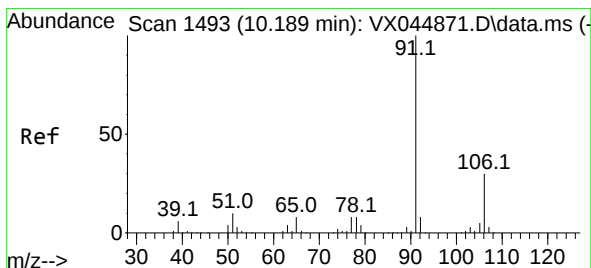
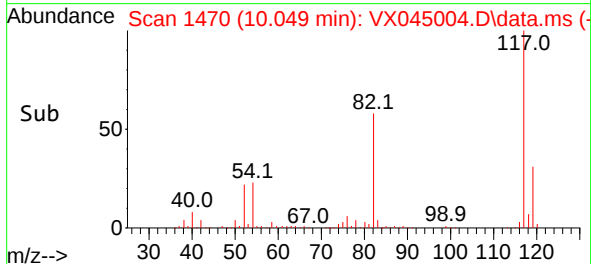
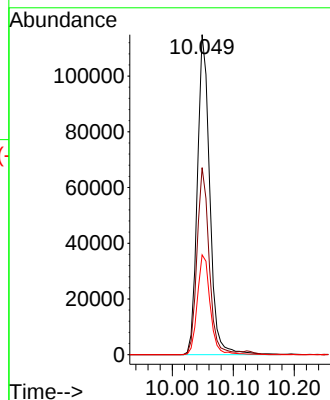
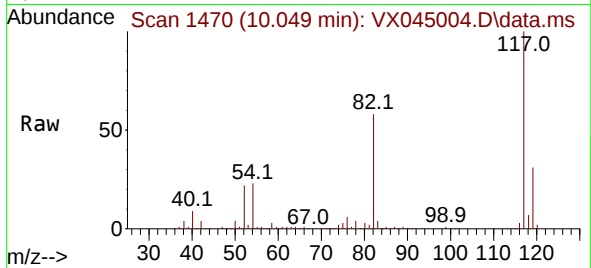




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

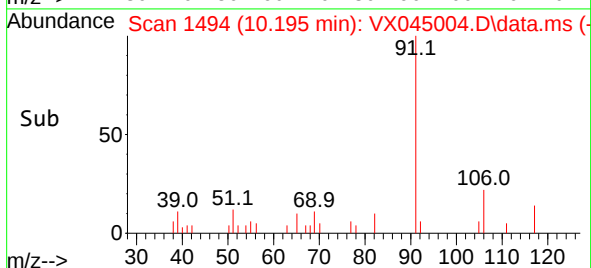
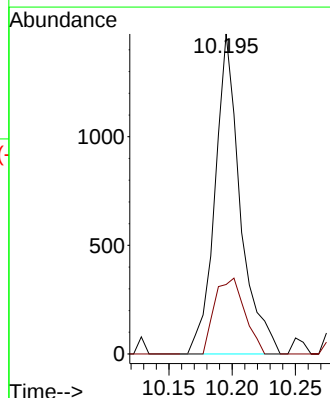
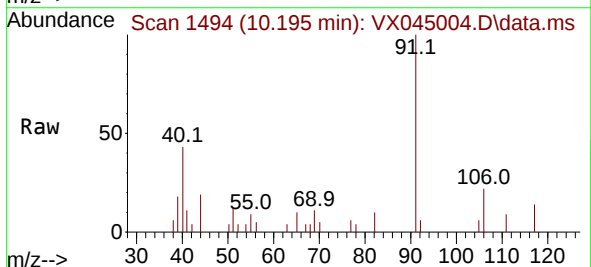
Instrument :
MSVOA_X
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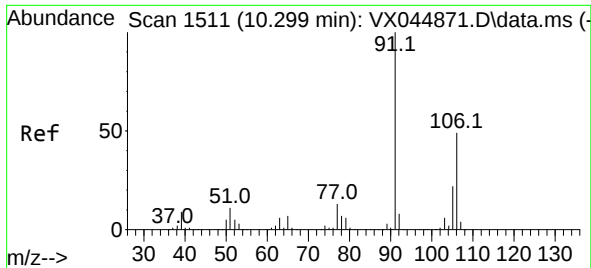
Tgt Ion:117 Resp: 162028
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.2 25.4 38.0



#67
Ethyl Benzene
Concen: 0.334 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 91 Resp: 2050
Ion Ratio Lower Upper
91 100
106 21.7 23.9 35.9#

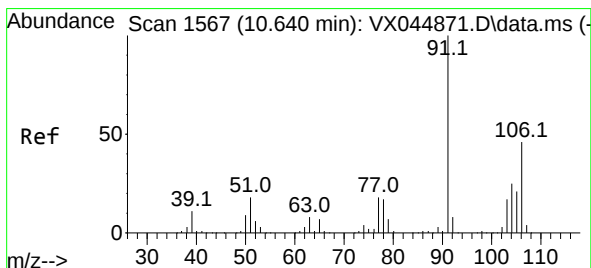
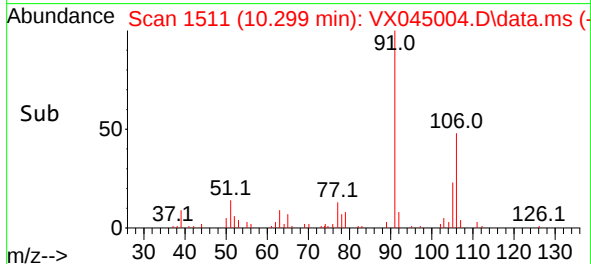
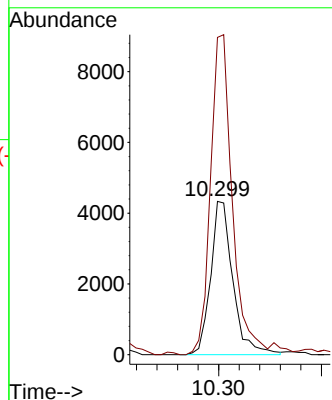
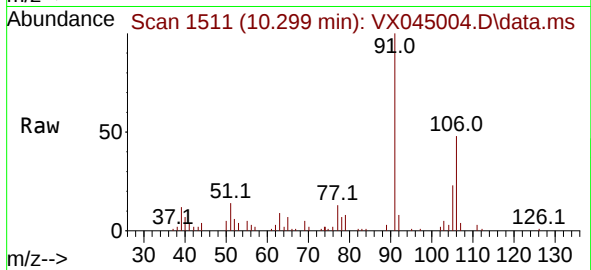




#68
m/p-Xylenes
Concen: 2.873 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

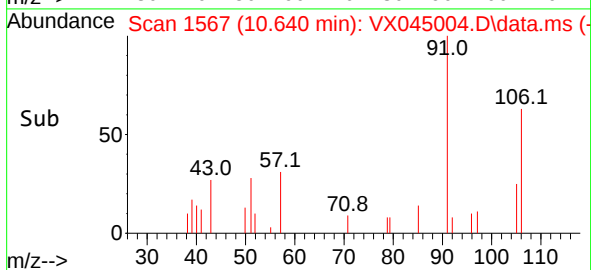
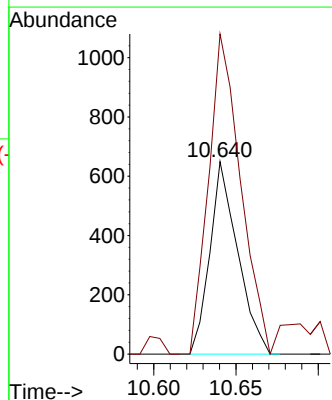
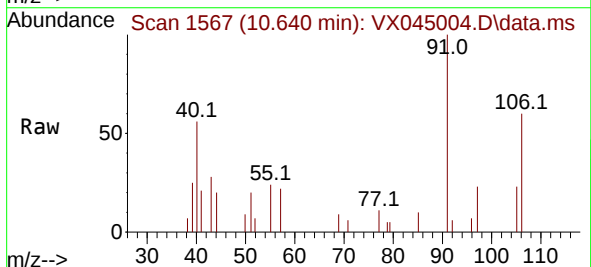
Instrument :
MSVOA_X
ClientSampleId :
MW32DL

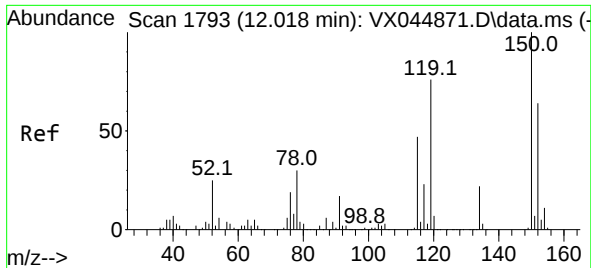
Tgt Ion:106 Resp: 6509
Ion Ratio Lower Upper
106 100
91 203.7 164.3 246.5



#69
o-Xylene
Concen: 0.337 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion:106 Resp: 765
Ion Ratio Lower Upper
106 100
91 191.4 108.5 325.5

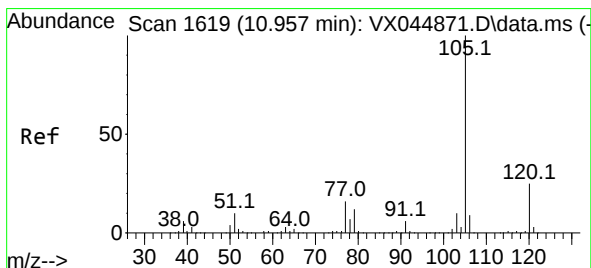
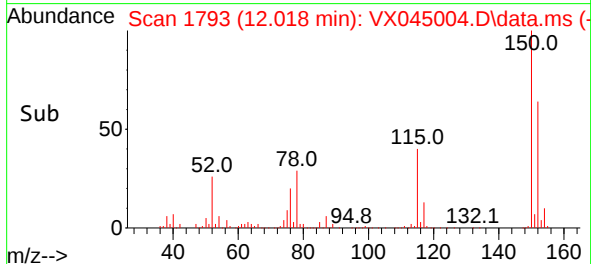
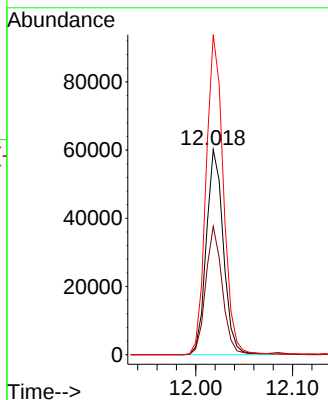
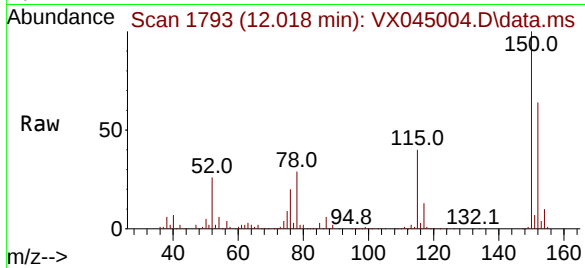




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

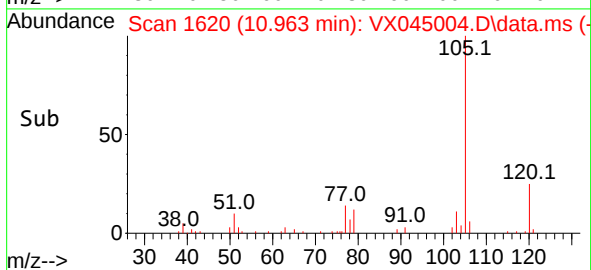
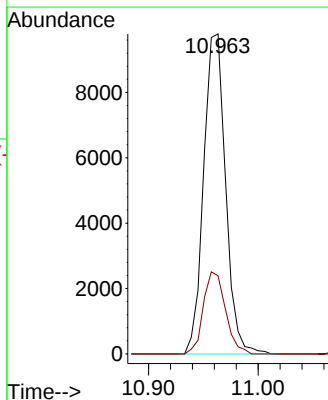
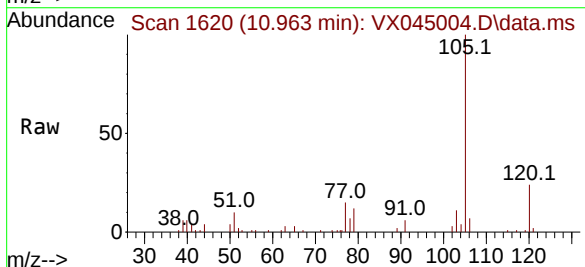
Instrument :
MSVOA_X
ClientSampleId :
MW32DL

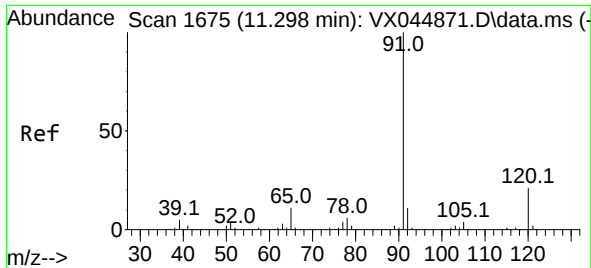
Tgt Ion:152 Resp: 73971
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 157.6 0.0 350.4



#73
Isopropylbenzene
Concen: 2.289 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion:105 Resp: 13633
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

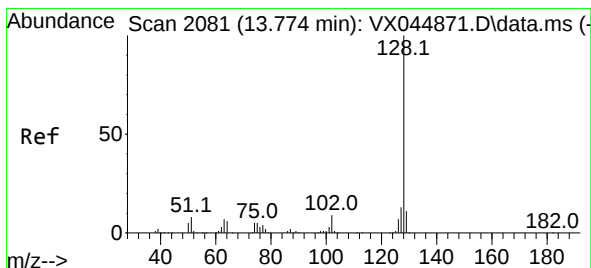
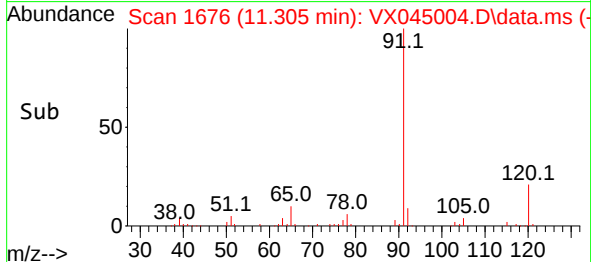
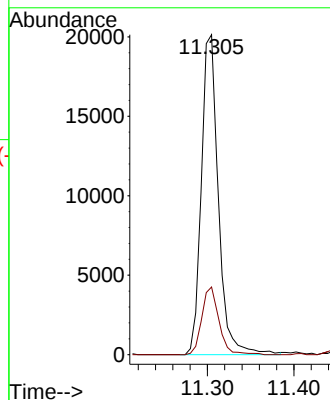
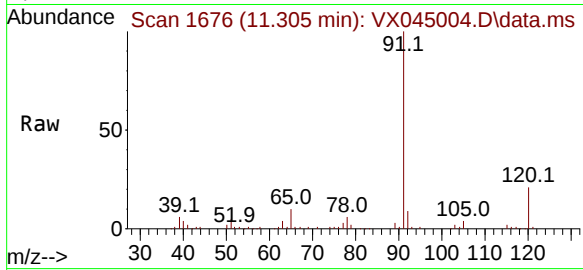




#78
n-propylbenzene
Concen: 4.003 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
MW32DL

Tgt Ion: 91 Resp: 27520
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.3



#95
Naphthalene
Concen: 1.144 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045004.D
Acq: 19 Feb 2025 14:04

Tgt Ion: 128 Resp: 6107
Ion Ratio Lower Upper
128 100
127 14.8 10.1 15.1
129 10.6 8.9 13.3

