

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077044.D
 Acq On : 17 Mar 2023 19:47
 Operator : JC\MD
 Sample : 01904-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20230313

Quant Time: Mar 18 02:34:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

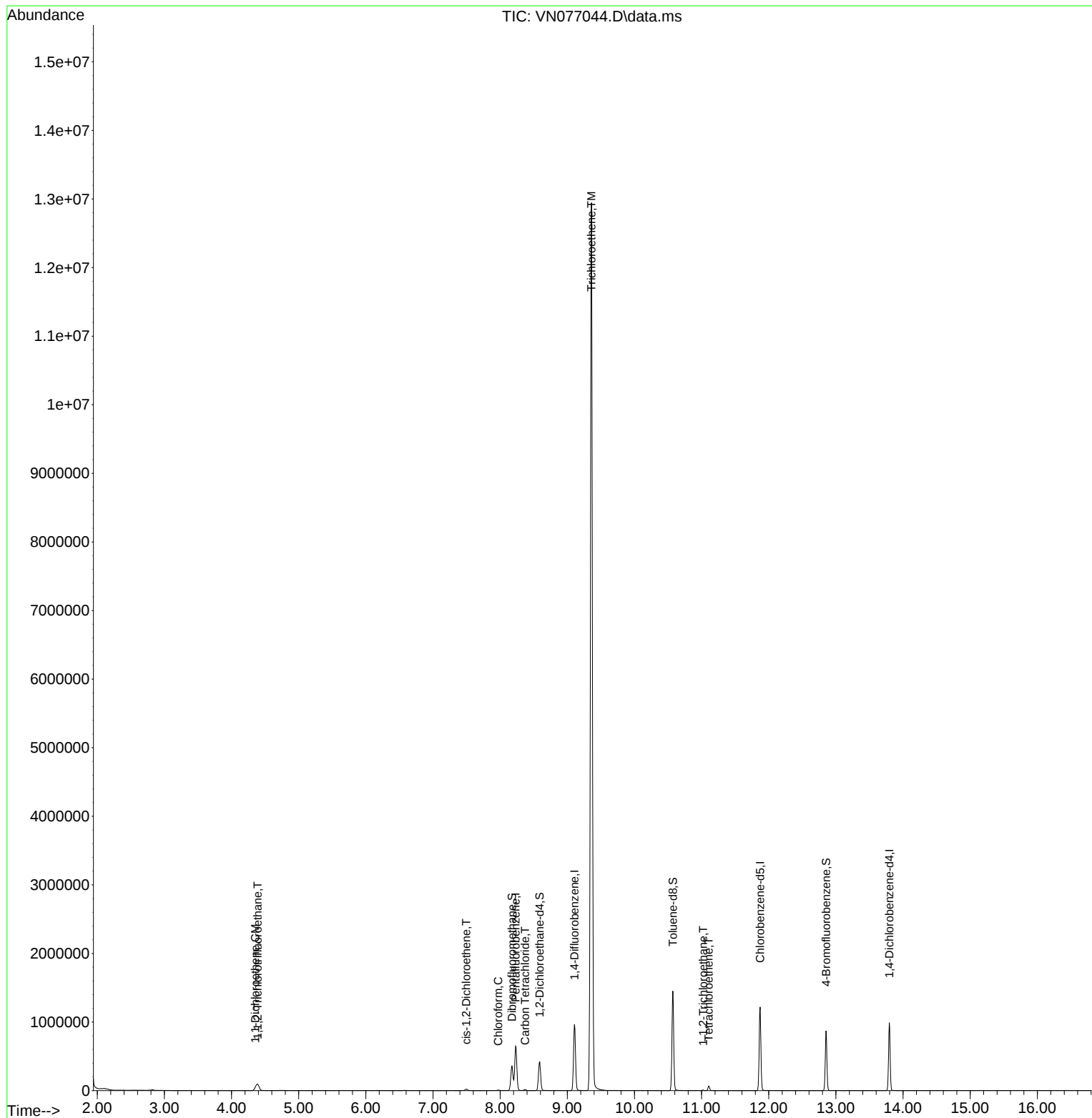
Internal Standards						
1) Pentafluorobenzene	8.230	168	444347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	805615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	684831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	248992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	344408	48.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	8.178	113	262495	46.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	10.572	98	970473	48.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.854	95	305672	42.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.840%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.390	101	63932	10.841	ug/l	99
12) 1,1-Dichloroethene	4.354	96	15381	2.851	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	12058	1.801	ug/l	88
30) Chloroform	7.972	83	8356	0.695	ug/l	87
38) Carbon Tetrachloride	8.372	117	11516	1.342	ug/l	93
44) Trichloroethene	9.360	130	4466041	727.534	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	2959	0.470	ug/l #	80
64) Tetrachloroethene	11.107	164	14918	3.246	ug/l	92

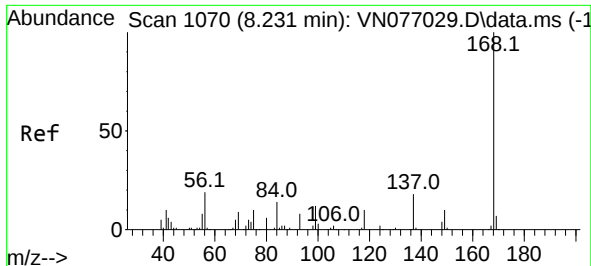
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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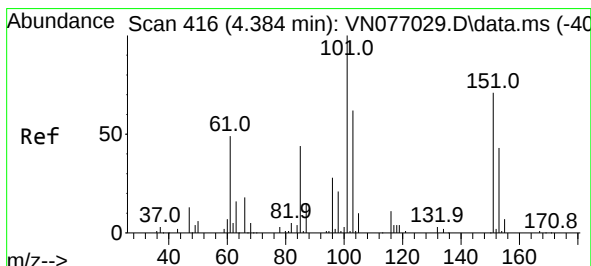
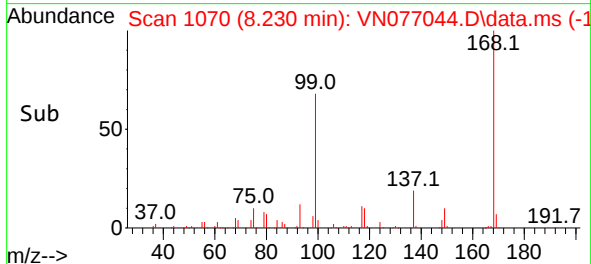
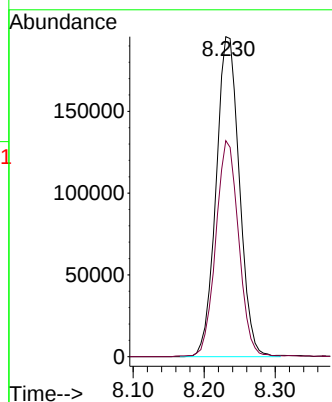
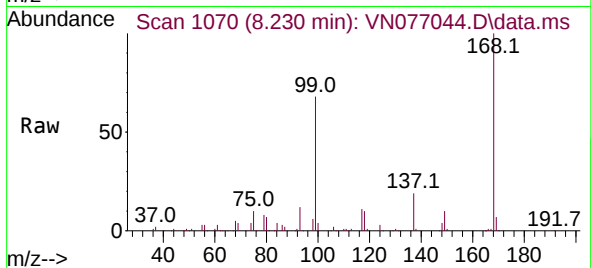




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

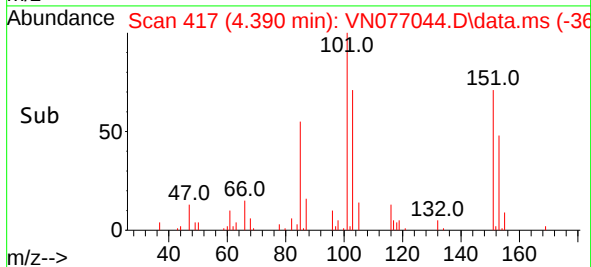
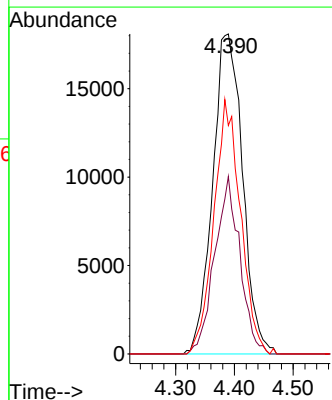
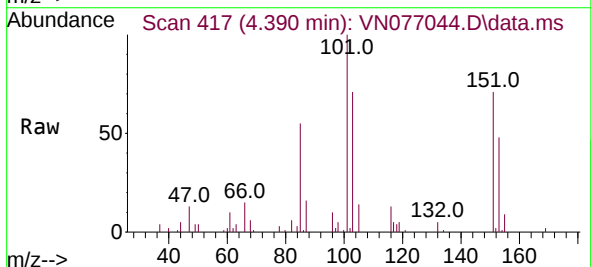
Instrument :
MSVOA_N
ClientSampleId :
RE137-20230313

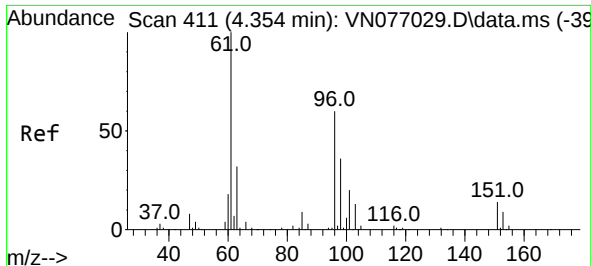
Tgt Ion:168 Resp: 444347
Ion Ratio Lower Upper
168 100
99 67.3 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.841 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion:101 Resp: 63932
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 70.8 56.9 85.3

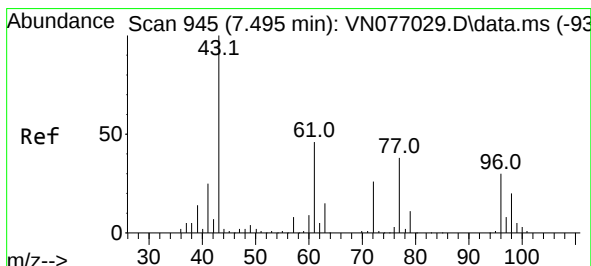
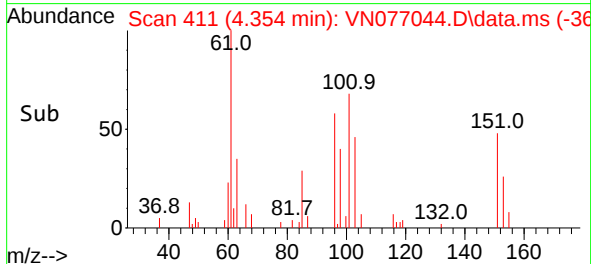
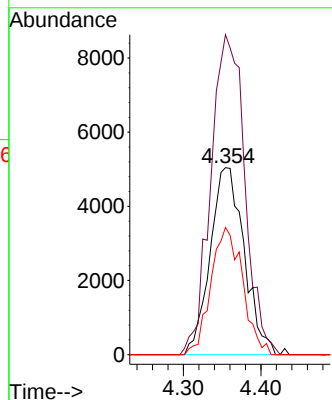
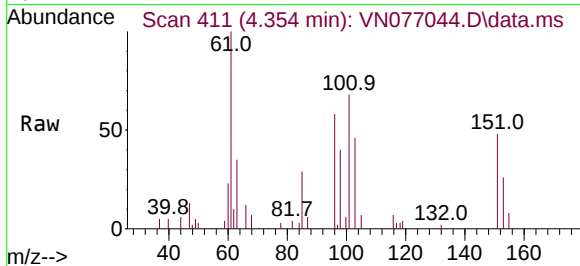




#12
1,1-Dichloroethene
Concen: 2.851 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

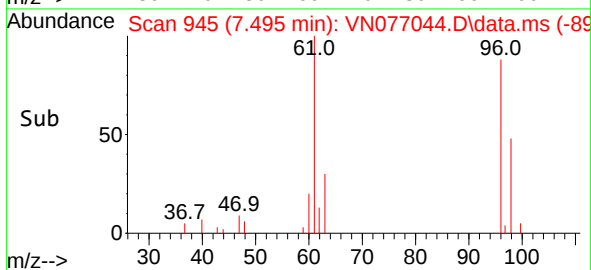
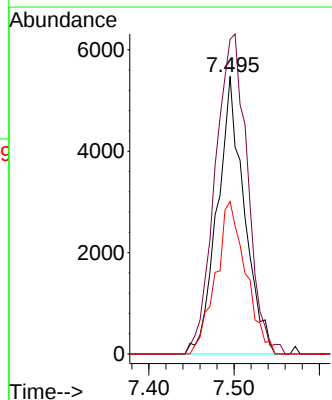
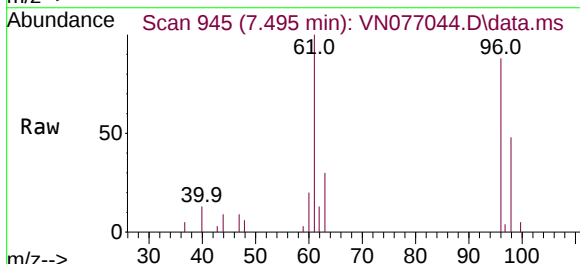
Instrument :
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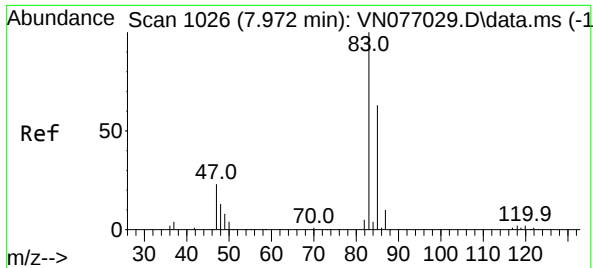
Tgt Ion:	96	Resp:	15381
Ion	Ratio	Lower	Upper
96	100		
61	171.1	133.8	200.8
98	68.0	48.6	72.8



#27
cis-1,2-Dichloroethene
Concen: 1.801 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion:	96	Resp:	12058
Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	315.4
98	61.1	0.0	128.6

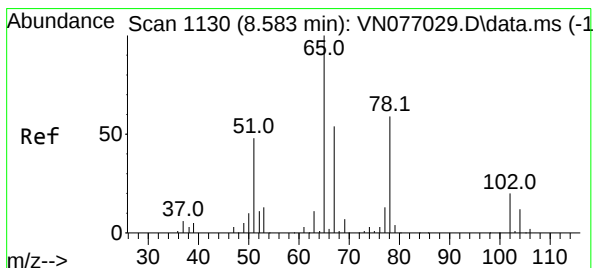
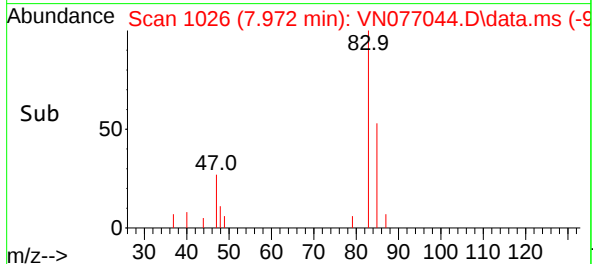
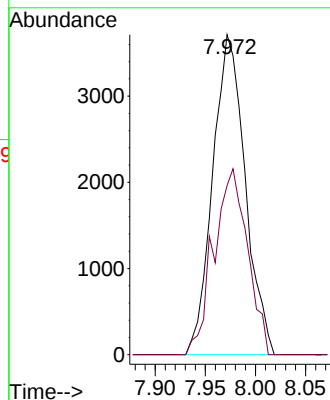
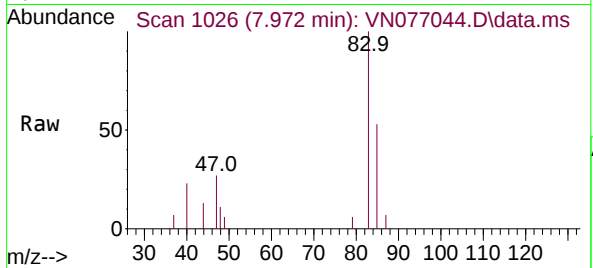




#30
Chloroform
Concen: 0.695 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

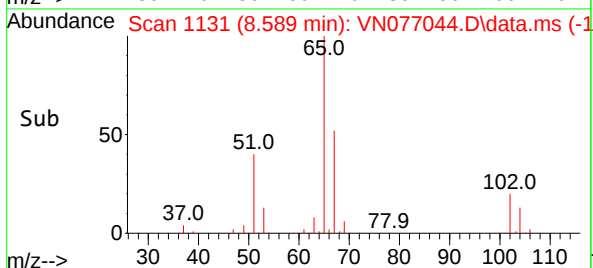
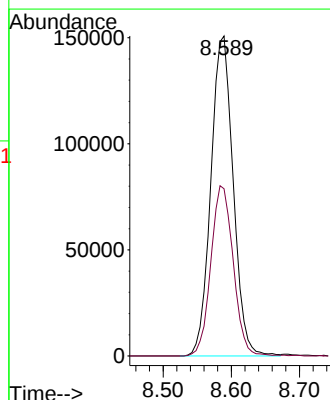
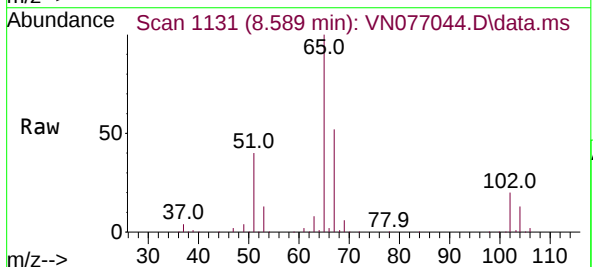
Instrument :
MSVOA_N
ClientSampleId :
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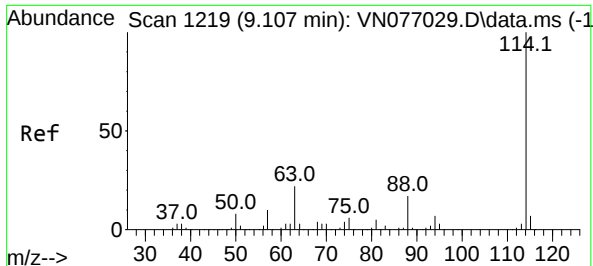
Tgt Ion: 83 Resp: 8356
Ion Ratio Lower Upper
83 100
85 52.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 48.524 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion: 65 Resp: 344408
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2

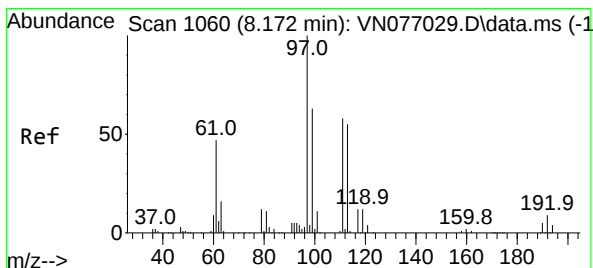
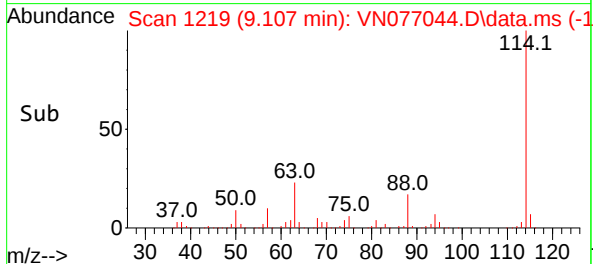
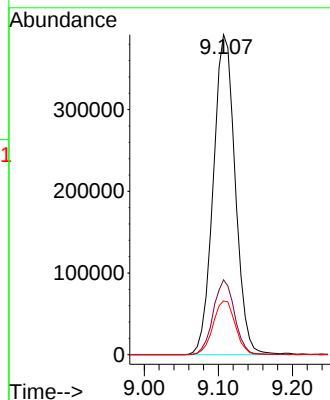
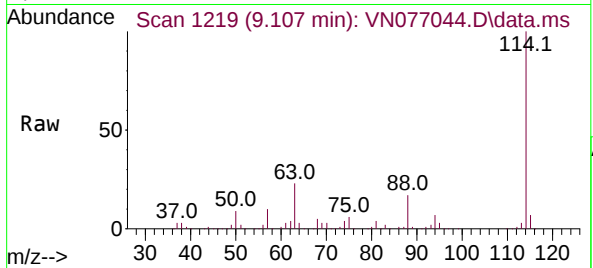




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

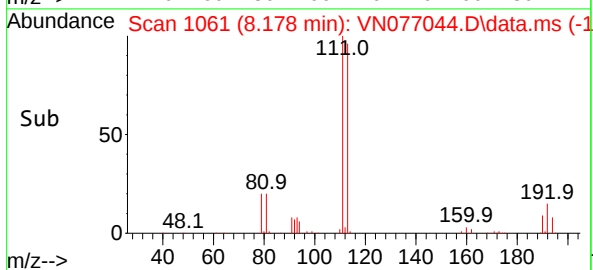
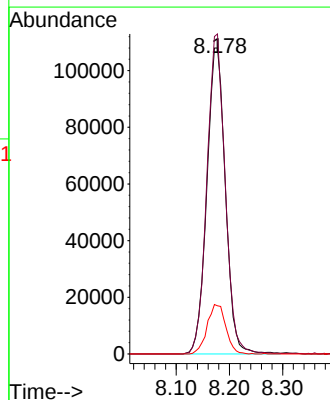
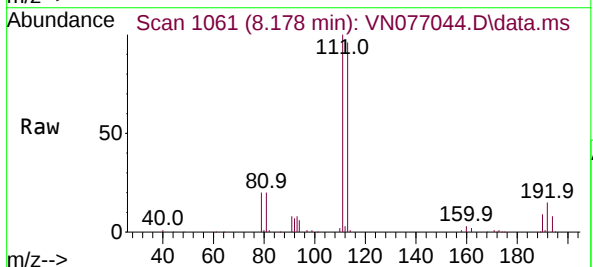
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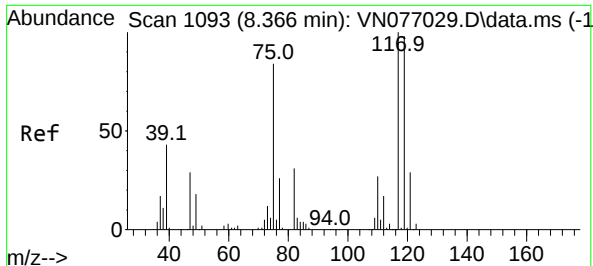
Tgt Ion:114 Resp: 805615
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.6
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.527 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion:113 Resp: 262495
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 16.2 13.0 19.6

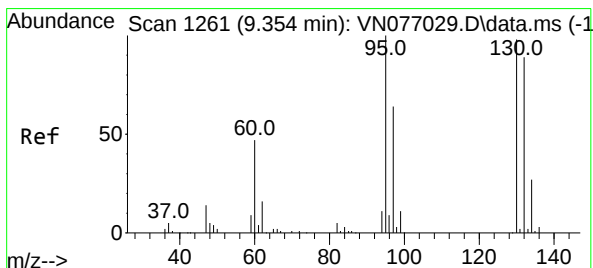
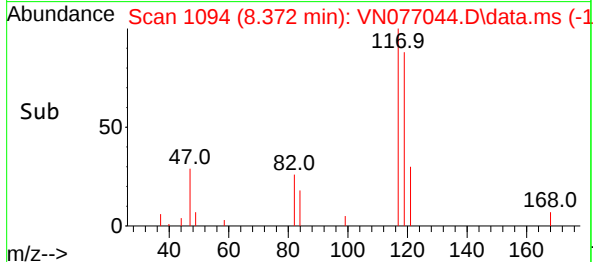
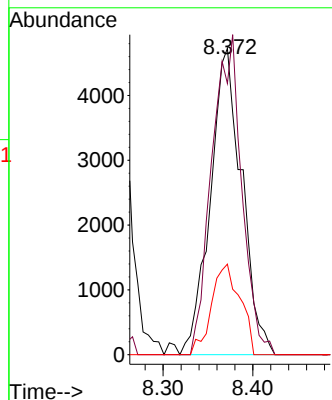
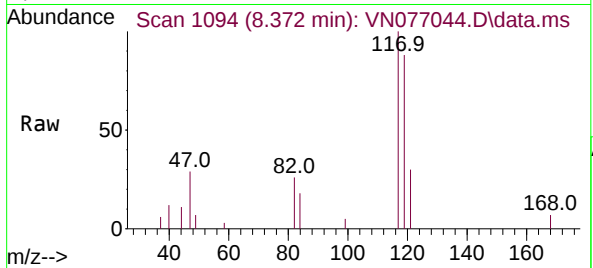




#38
Carbon Tetrachloride
Concen: 1.342 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

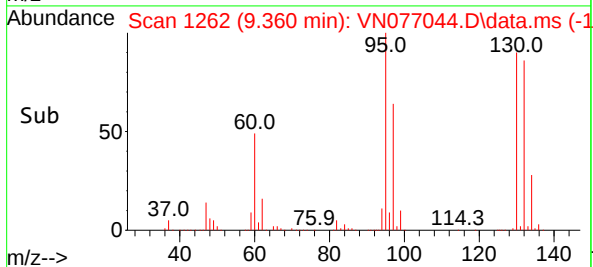
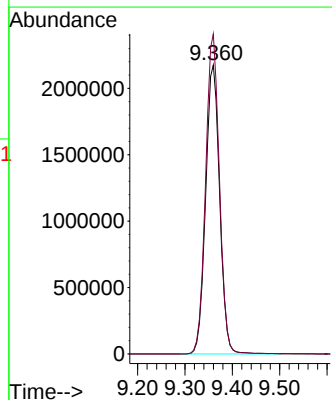
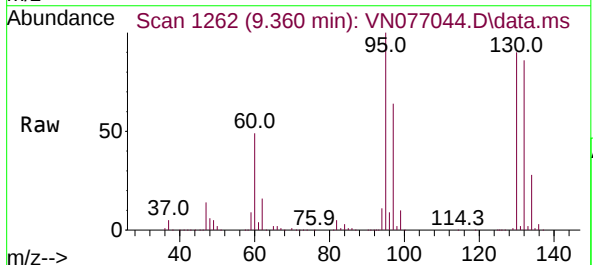
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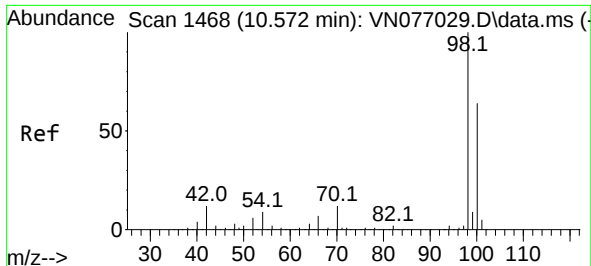
Tgt Ion:117 Resp: 11516
Ion Ratio Lower Upper
117 100
119 88.5 78.2 117.2
121 29.6 23.2 34.8



#44
Trichloroethene
Concen: 727.534 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion:130 Resp: 4466041
Ion Ratio Lower Upper
130 100
95 110.7 0.0 204.4

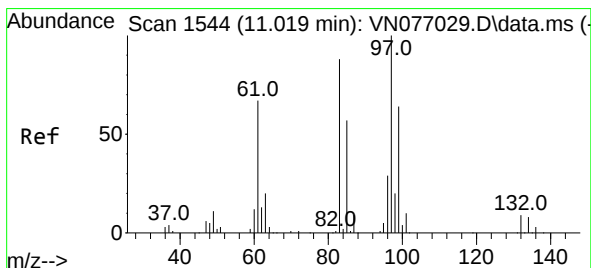
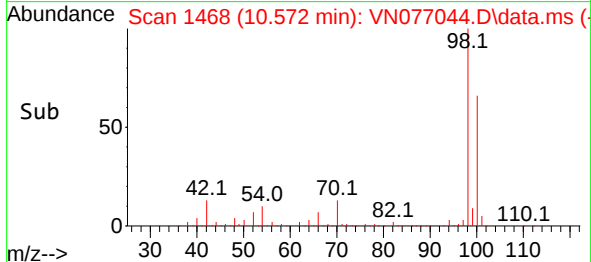
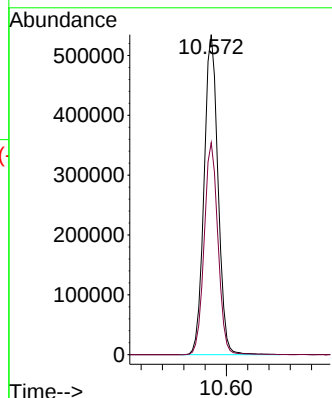
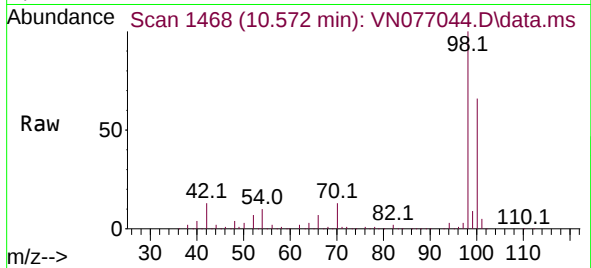




#50
Toluene-d8
Concen: 48.154 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

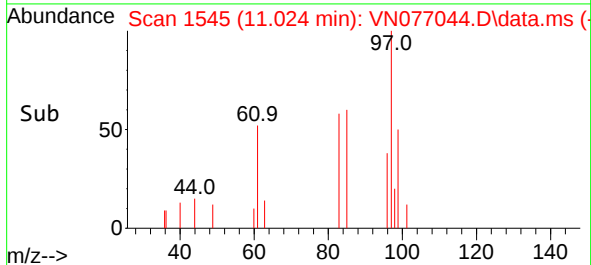
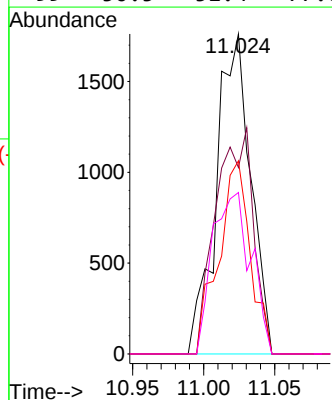
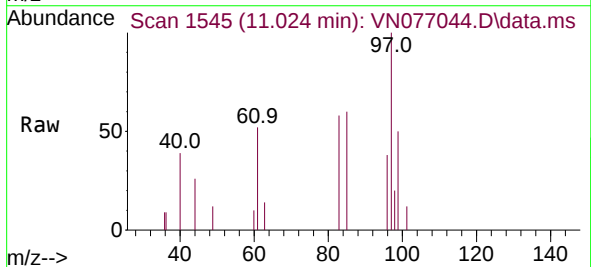
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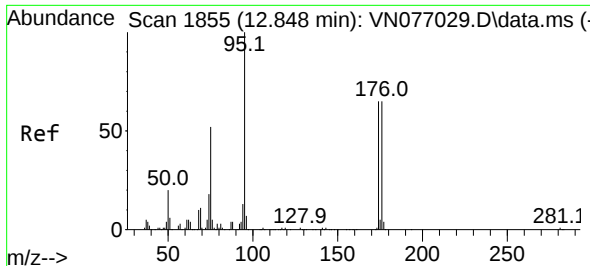
Tgt Ion: 98 Resp: 970473
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



#55
1,1,2-Trichloroethane
Concen: 0.470 ug/l
RT: 11.024 min Scan# 1545
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion: 97 Resp: 2959
Ion Ratio Lower Upper
97 100
83 58.2 70.5 105.7#
85 60.3 45.4 68.2
99 50.5 51.4 77.0#

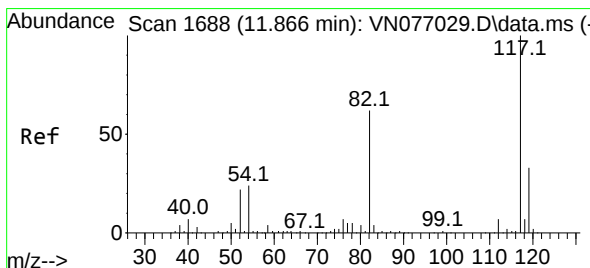
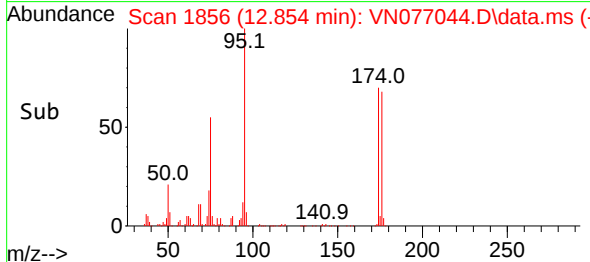
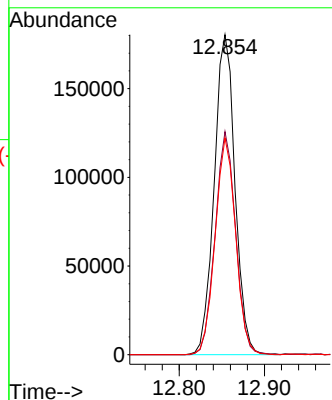
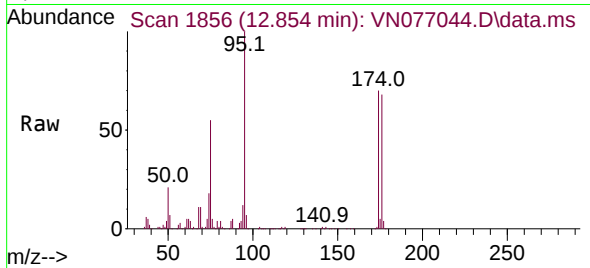




#62
4-Bromofluorobenzene
Concen: 42.923 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

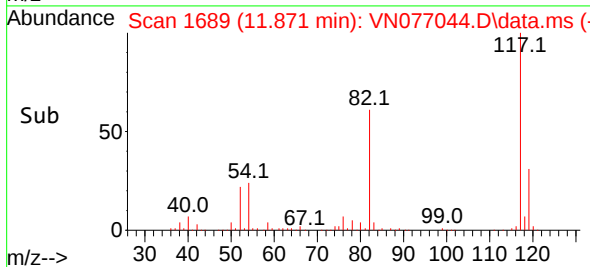
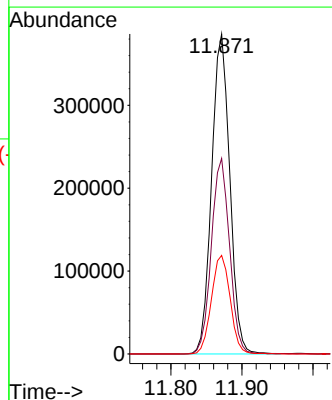
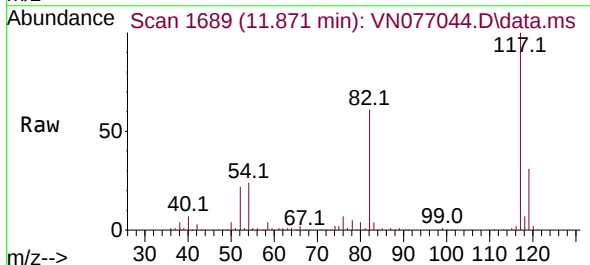
Instrument :
MSVOA_N
ClientSampleId :
RE137-20230313

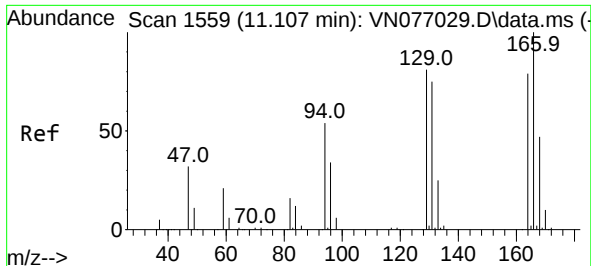
Tgt Ion: 95 Resp: 305672
Ion Ratio Lower Upper
95 100
174 68.8 0.0 136.6
176 66.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion: 117 Resp: 684831
Ion Ratio Lower Upper
117 100
82 61.1 49.4 74.0
119 30.8 26.5 39.7

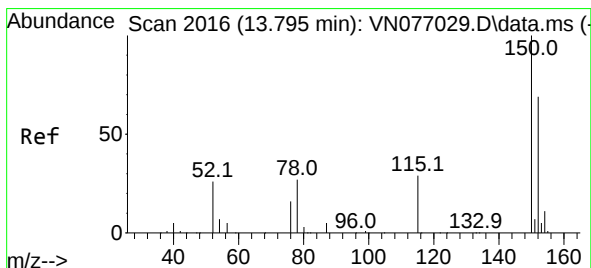
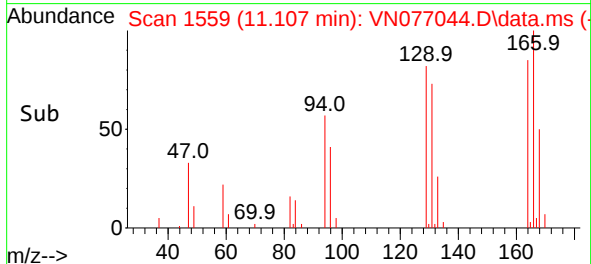
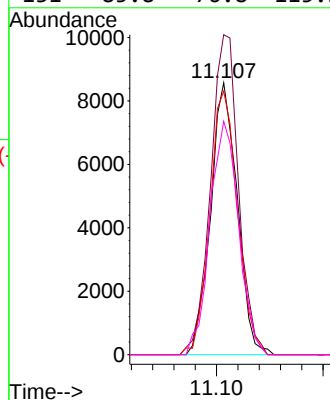
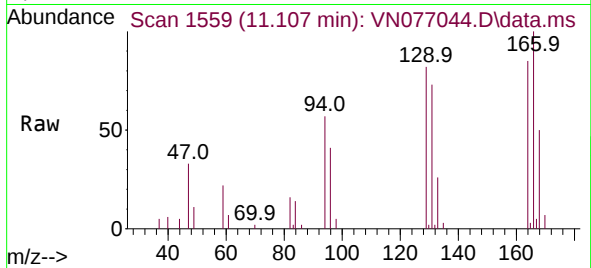




#64
Tetrachloroethene
Concen: 3.246 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Instrument :
MSVOA_N
ClientSampleId :
RE137-20230313

Tgt Ion:164 Resp: 14918
Ion Ratio Lower Upper
164 100
166 117.7 101.9 152.9
129 96.9 82.6 123.8
131 85.8 76.8 115.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077044.D
Acq: 17 Mar 2023 19:47

Tgt Ion:152 Resp: 248992
Ion Ratio Lower Upper
152 100
115 64.4 31.9 95.7
150 160.4 0.0 348.0

