

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079453.D
 Acq On : 30 Jul 2024 12:41
 Operator : RP/MD
 Sample : P3362-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Quant Time: Jul 30 15:41:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

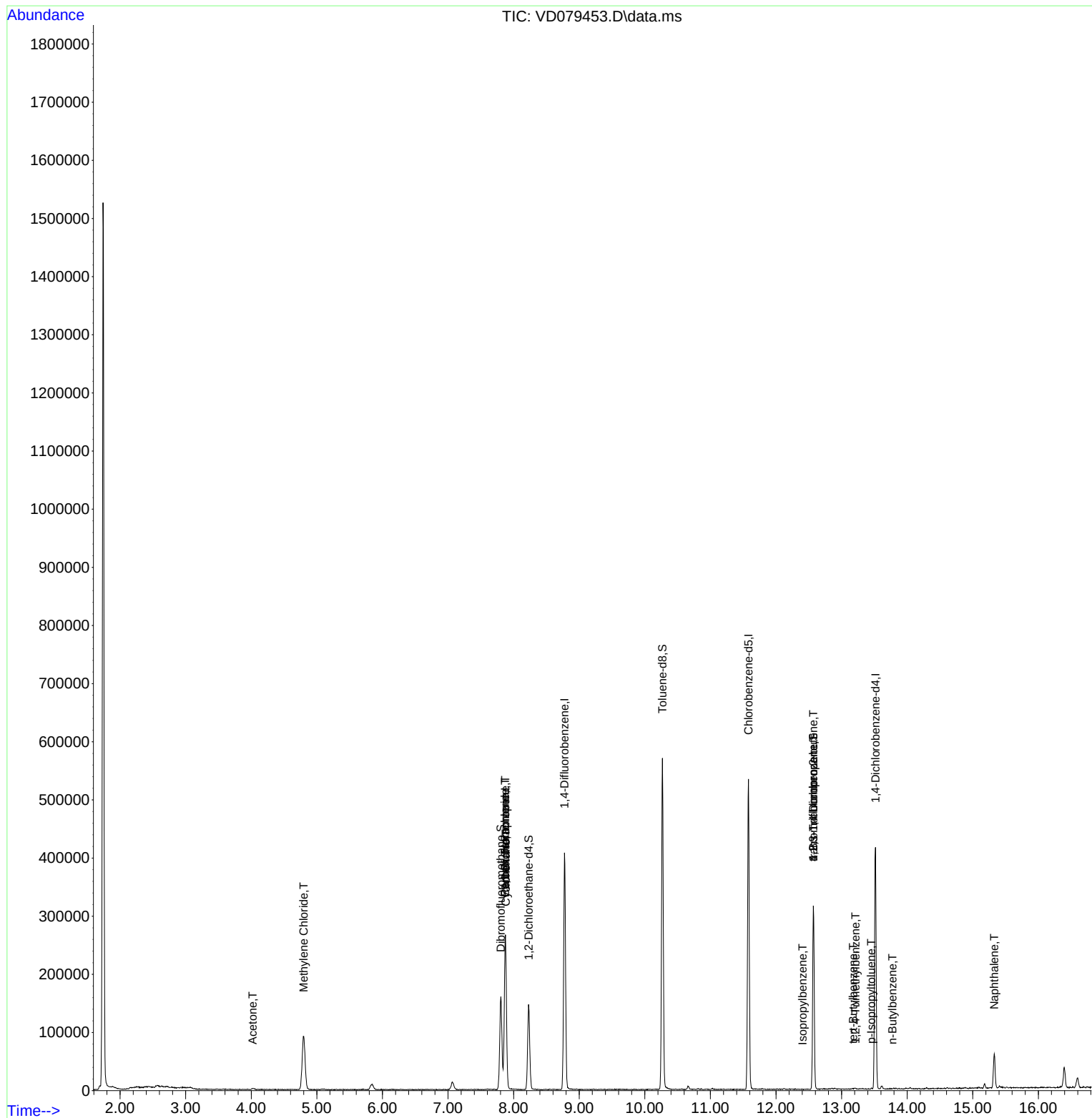
Internal Standards						
1) Pentafluorobenzene	7.869	168	216291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	372751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112865	51.365	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.805	113	116618	46.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.440%			
50) Toluene-d8	10.269	98	405629	41.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 82.800%			
62) 4-Bromofluorobenzene	12.569	95	99154	34.972	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 69.940%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	878	Below Cal	#	76
11) Tert butyl alcohol	5.069	59	79	Below Cal	#	86
16) Acetone	4.022	43	3217	7.533	ug/l	92
20) Methylene Chloride	4.799	84	76809	13.645	ug/l	96
31) Cyclohexane	7.881	56	4119	1.129	ug/l #	31
36) 1,1-Dichloropropene	7.875	75	16453	4.778	ug/l #	48
38) Carbon Tetrachloride	7.869	117	21053	5.816	ug/l #	15
73) Isopropylbenzene	12.404	105	65	3.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	48272	44.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	48272	85.108	ug/l #	19
83) tert-Butylbenzene	13.175	119	116	3.644	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.210	105	1026	3.552	ug/l	90
86) p-Isopropyltoluene	13.451	119	236	3.911	ug/l #	69
89) n-Butylbenzene	13.775	91	416	3.830	ug/l #	59
95) Naphthalene	15.328	128	55602	13.879	ug/l	98

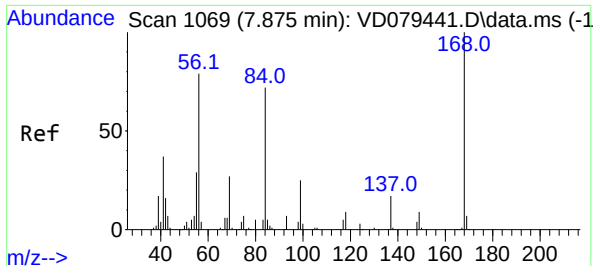
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 30 15:41:55 2024
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

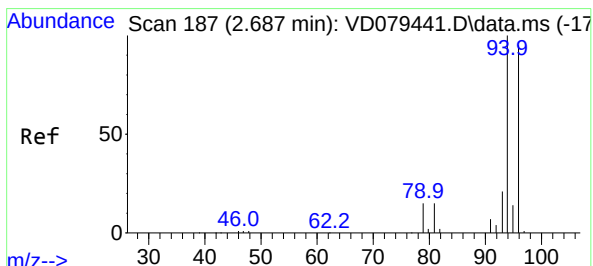
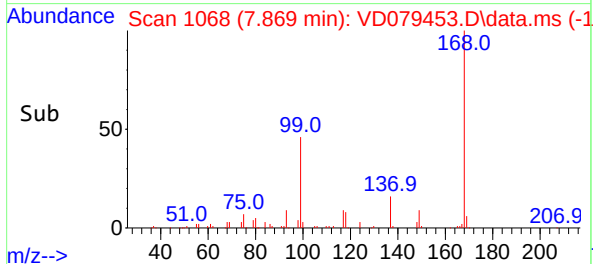
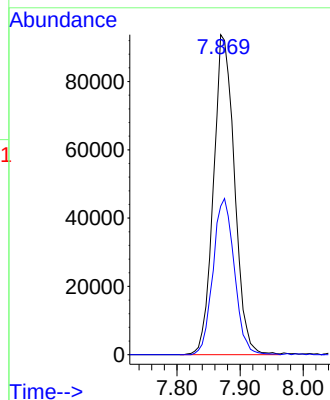
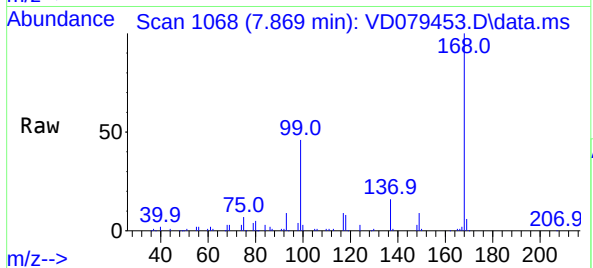




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

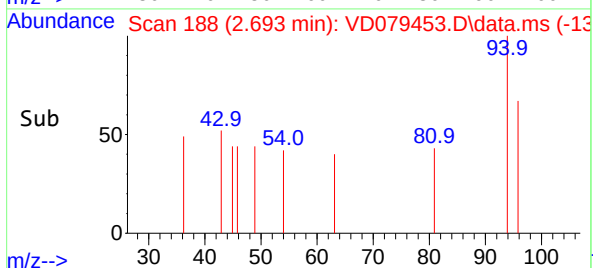
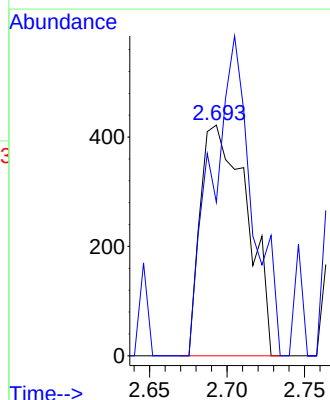
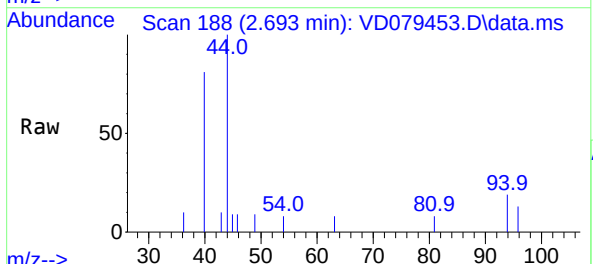
Instrument :
MSVOA_D
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VNJ-220

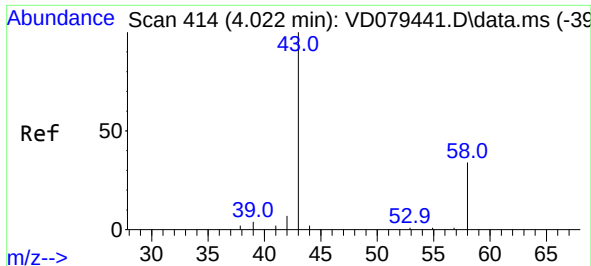
Tgt Ion:168 Resp: 216291
Ion Ratio Lower Upper
168 100
99 46.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 94 Resp: 878
Ion Ratio Lower Upper
94 100
96 119.8 76.9 115.3#

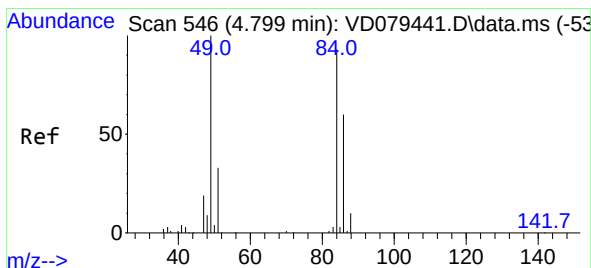
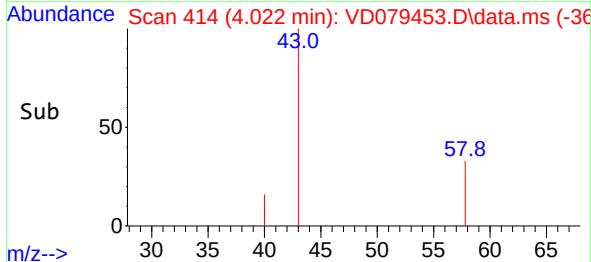
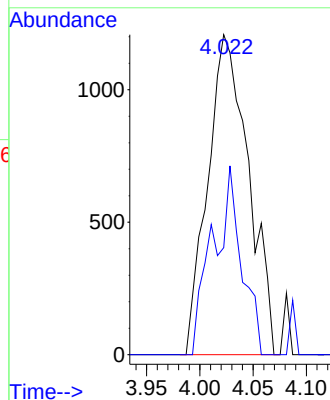
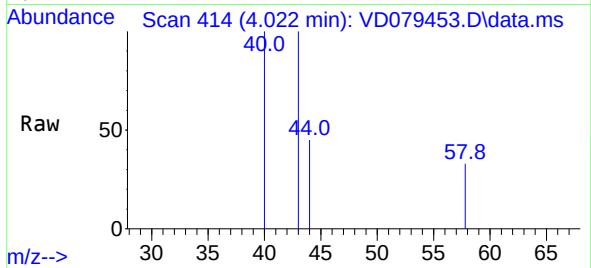




#16
Acetone
Concen: 7.533 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

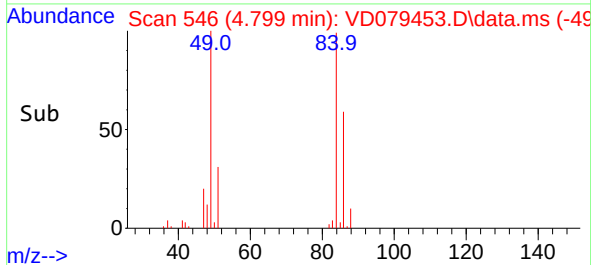
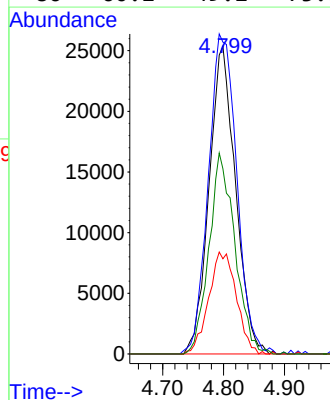
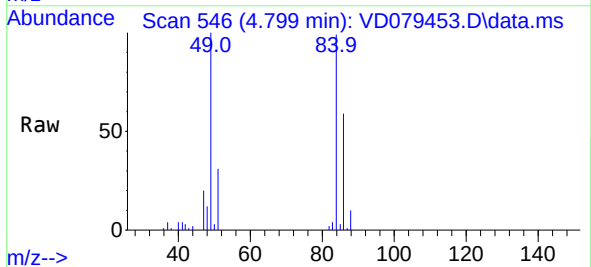
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

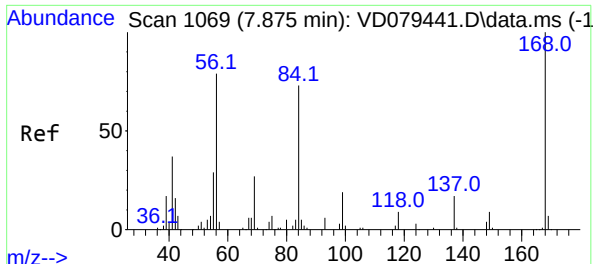
Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
58 33.4 30.4 45.6



#20
Methylene Chloride
Concen: 13.645 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

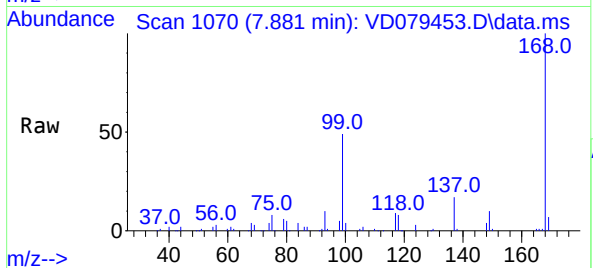
Tgt Ion: 84 Resp: 76809
Ion Ratio Lower Upper
84 100
49 101.4 75.6 113.4
51 30.9 24.2 36.2
86 60.2 49.2 73.8



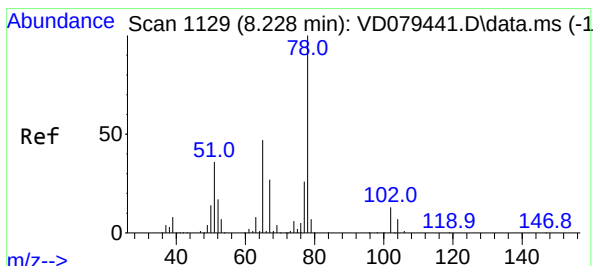
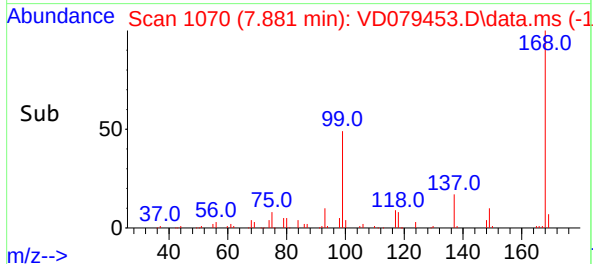
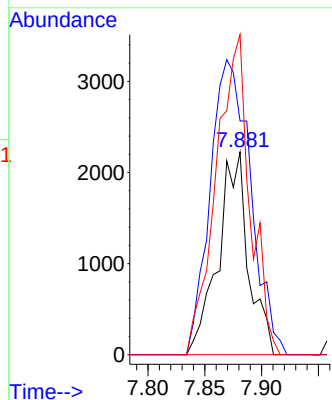


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

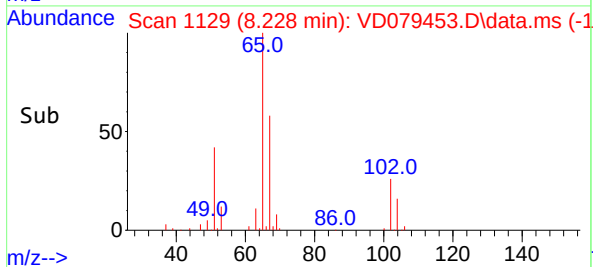
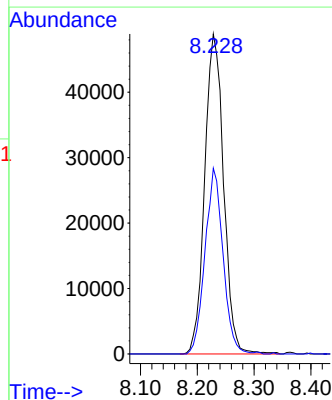
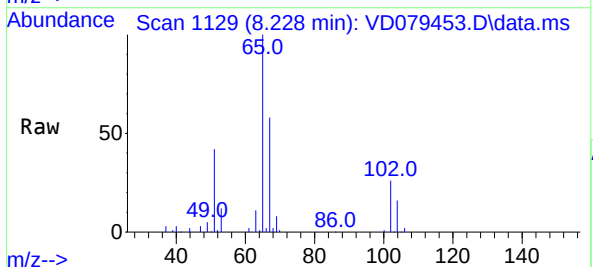


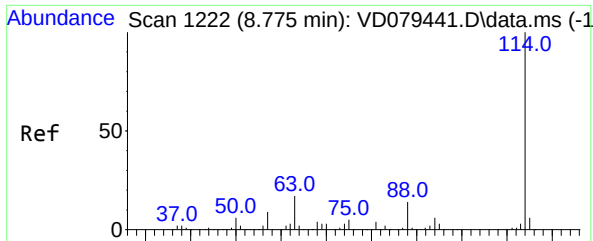
Tgt Ion: 56 Resp: 4119
Ion Ratio Lower Upper
56 100
69 115.4 28.0 42.0#
84 158.0 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 51.365 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 65 Resp: 112865
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0

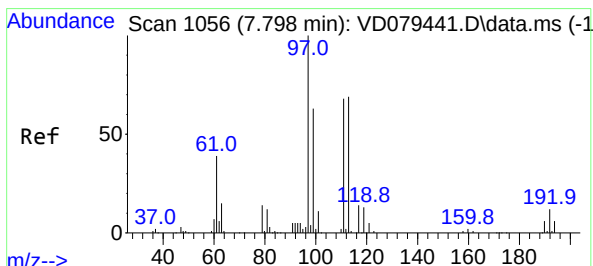
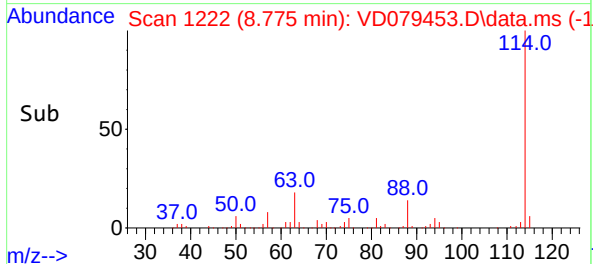
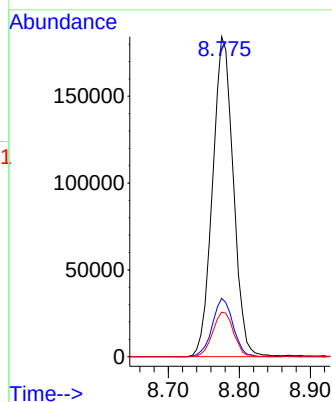
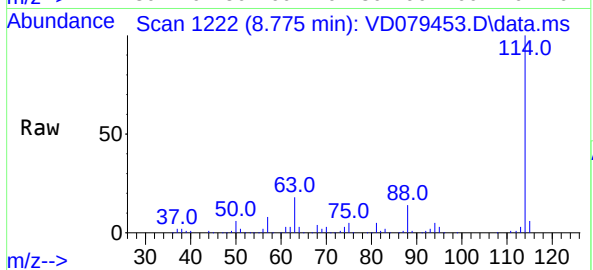




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

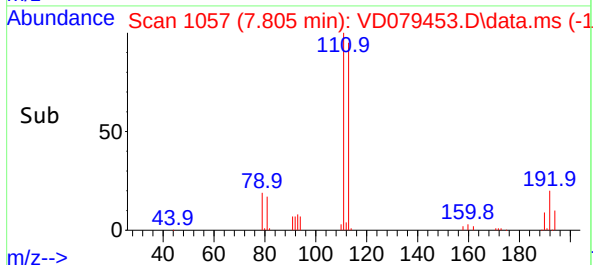
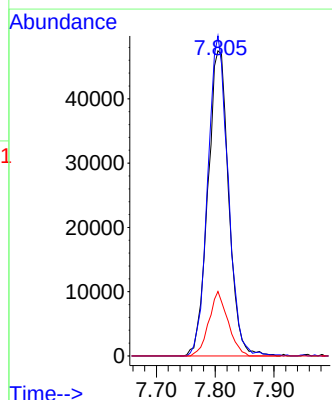
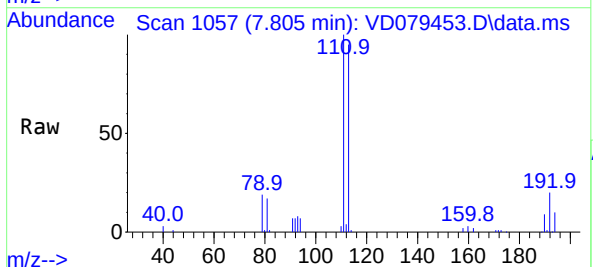
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

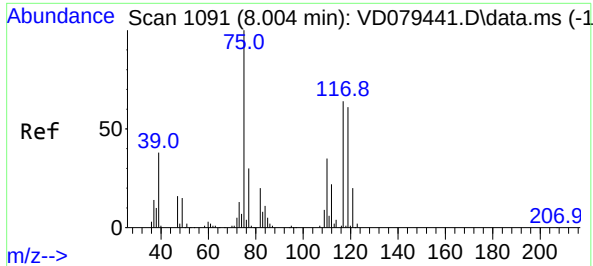
Tgt Ion:114 Resp: 372751
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.223 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion:113 Resp: 116618
Ion Ratio Lower Upper
113 100
111 102.5 84.0 126.0
192 19.4 15.4 23.0

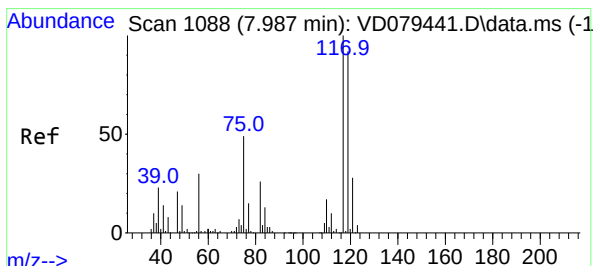
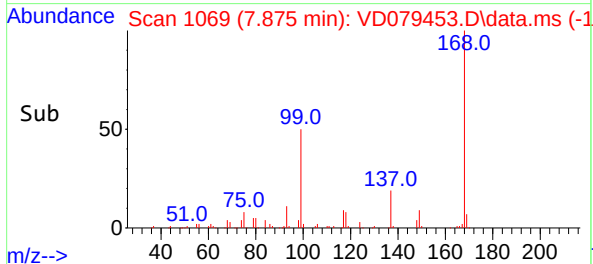
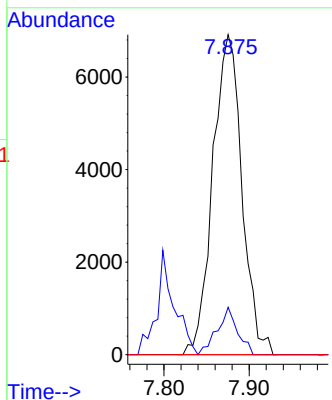
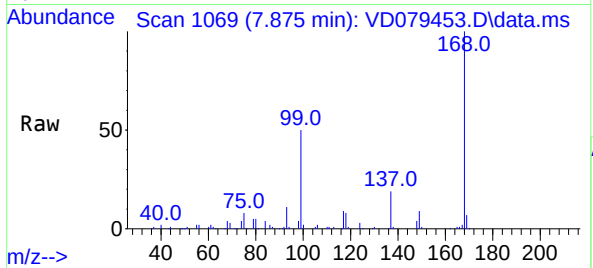




#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

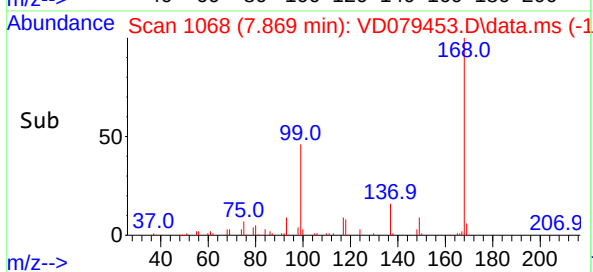
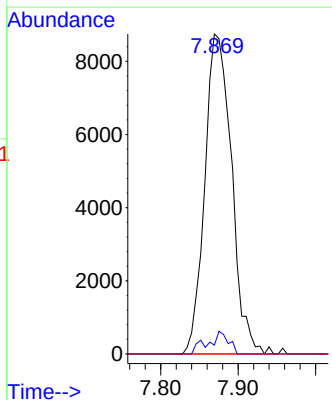
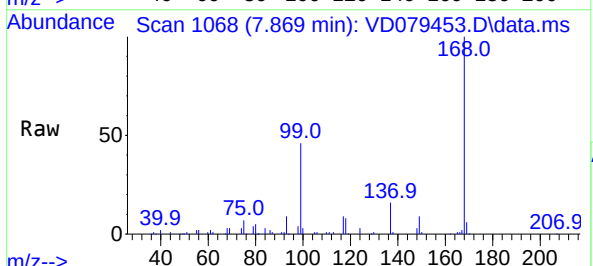
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ClientSampleId :
VNJ-220

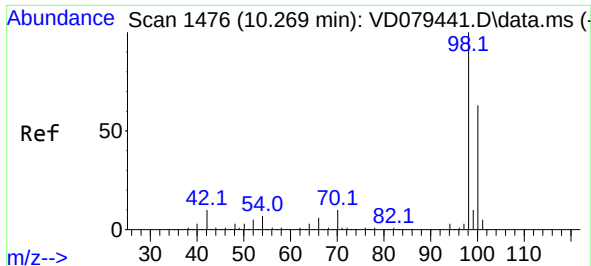
Tgt Ion:	75	Resp:	16453
Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.6	58.7#
77	0.0	26.1	39.1#



#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion:	117	Resp:	21053
Ion	Ratio	Lower	Upper
117	100		
119	2.8	75.4	113.0#
121	0.0	25.0	37.4#

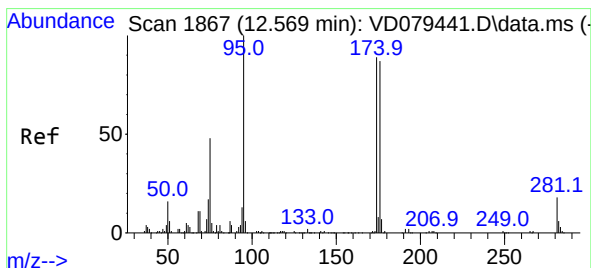
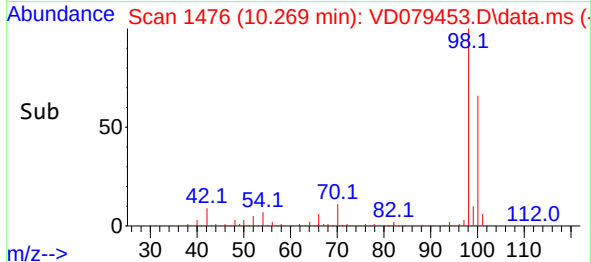
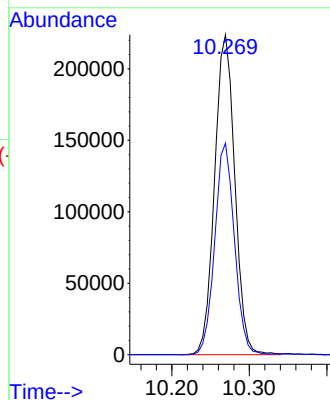
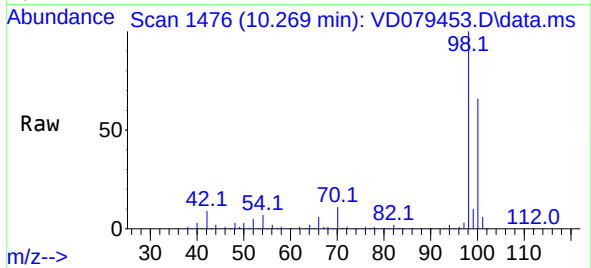




#50
Toluene-d8
Concen: 41.401 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

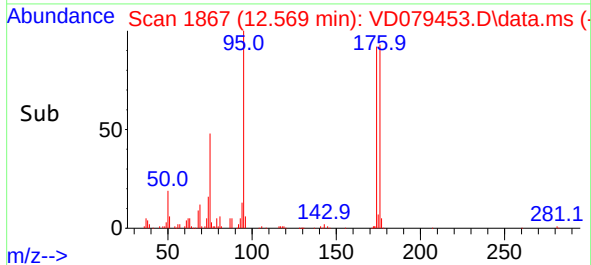
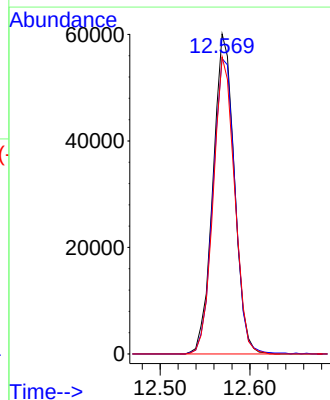
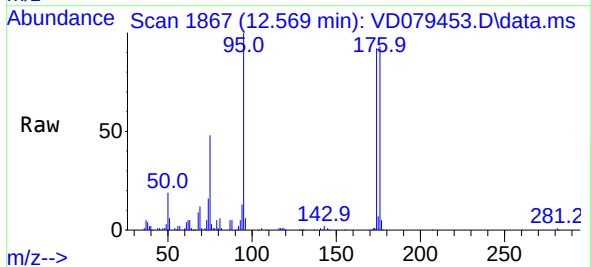
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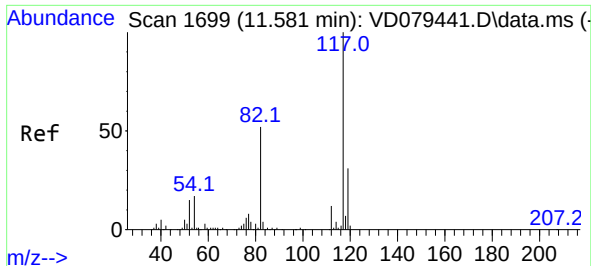
Tgt Ion: 98 Resp: 405629
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.972 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 95 Resp: 99154
Ion Ratio Lower Upper
95 100
174 95.2 0.0 195.4
176 92.3 0.0 192.6

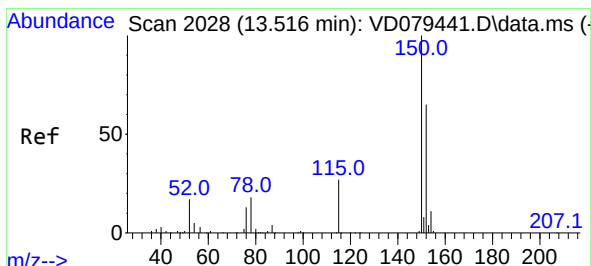
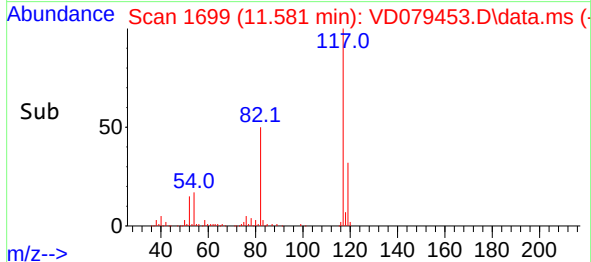
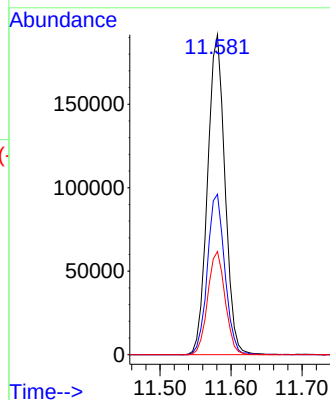
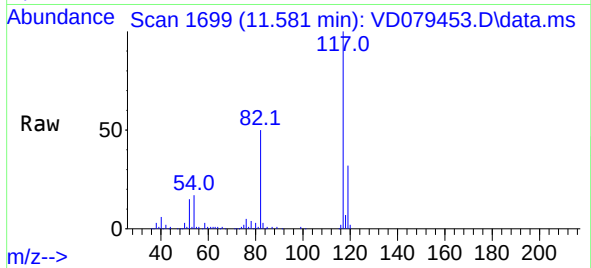




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

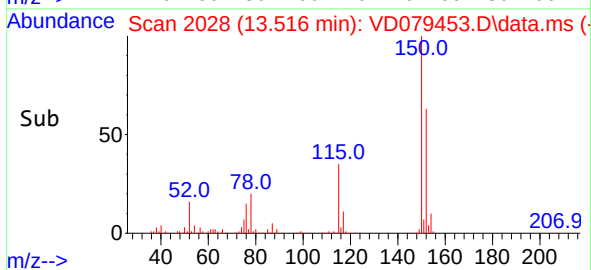
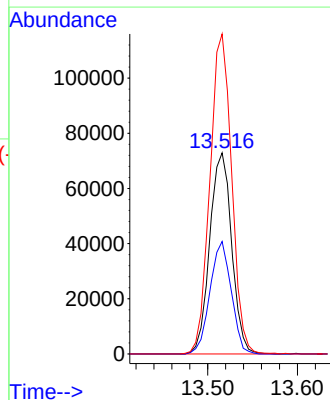
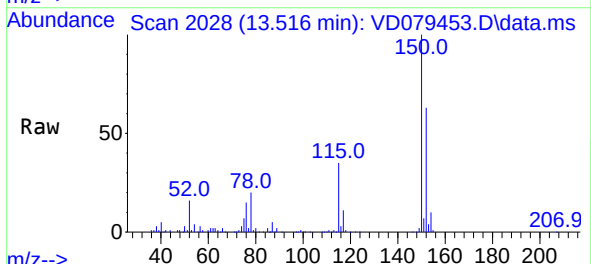
Instrument :
MSVOA_D
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VNJ-220

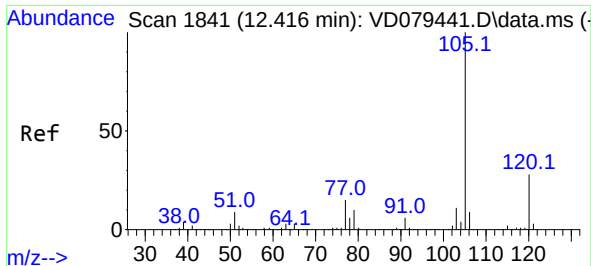
Tgt Ion:117 Resp: 326848
Ion Ratio Lower Upper
117 100
82 50.2 39.8 59.6
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion:152 Resp: 123759
Ion Ratio Lower Upper
152 100
115 54.2 26.5 79.5
150 157.6 0.0 341.6

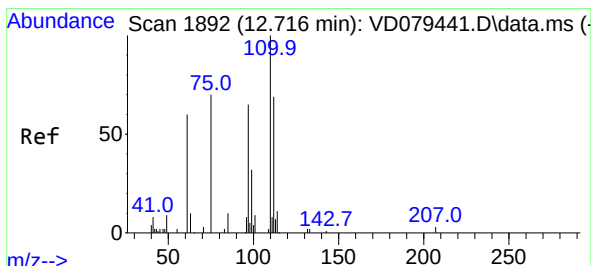
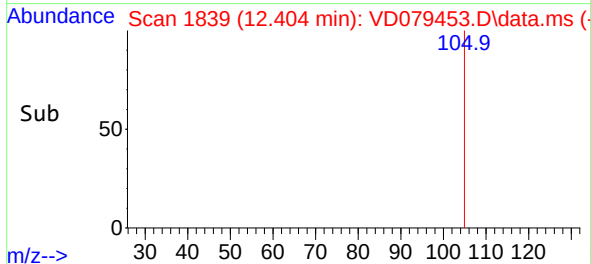
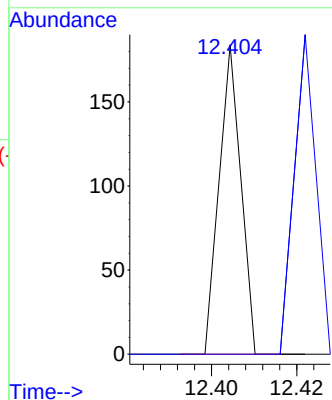
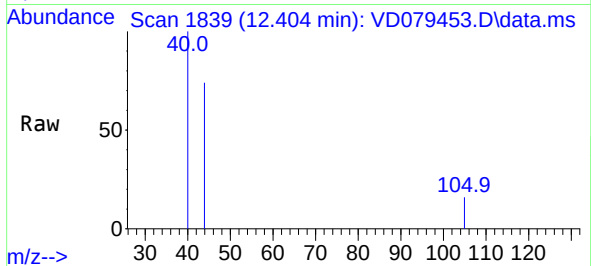




#73
Isopropylbenzene
Concen: 3.634 ug/l
RT: 12.404 min Scan# 1839
Delta R.T. -0.012 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

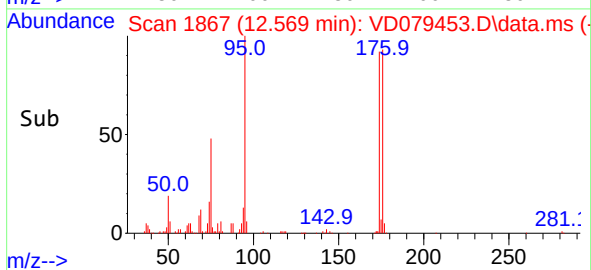
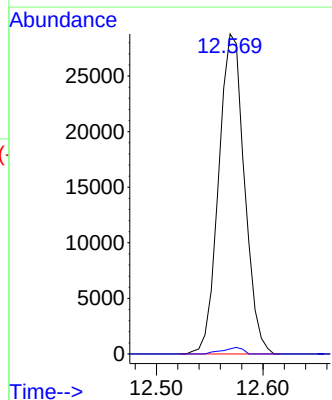
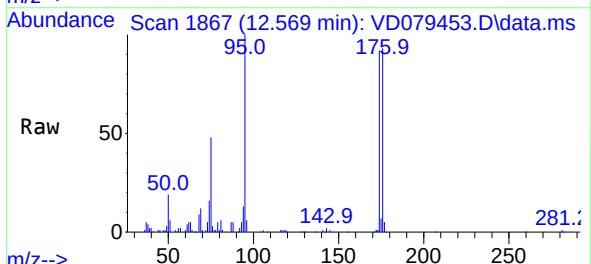
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

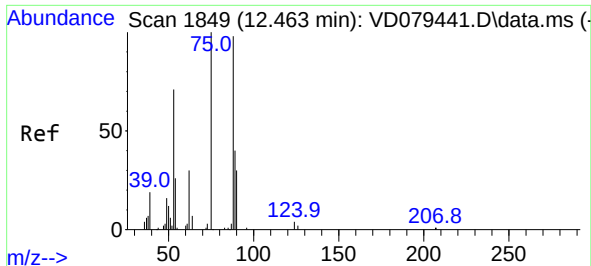
Tgt Ion:105 Resp: 65
Ion Ratio Lower Upper
105 100
120 103.1 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 44.623 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 75 Resp: 48272
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

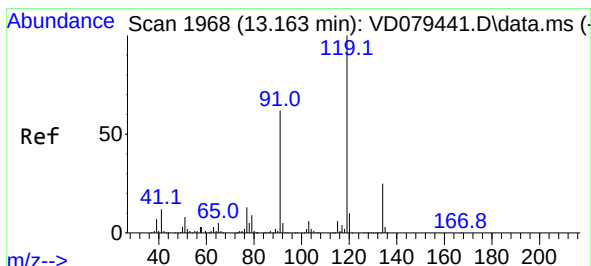
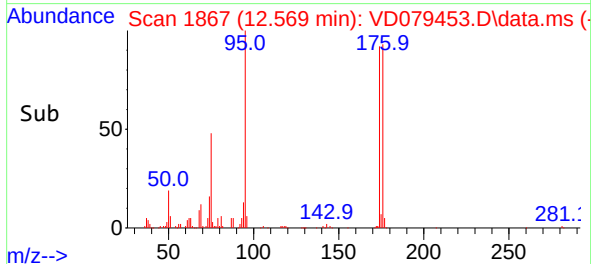
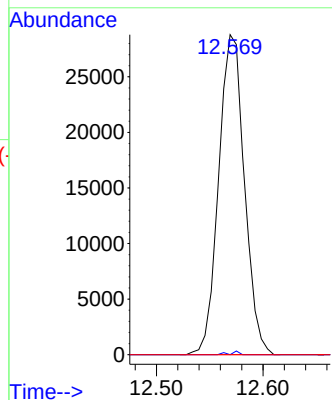
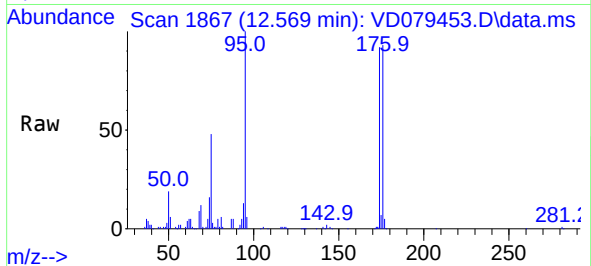




#81
trans-1,4-Dichloro-2-butene
Concen: 85.108 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

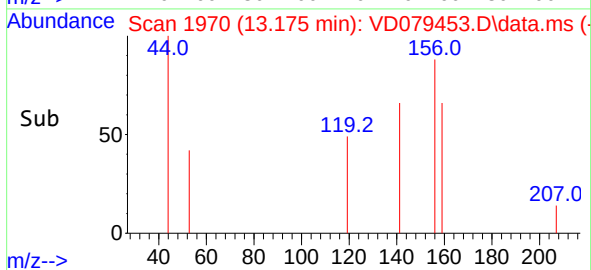
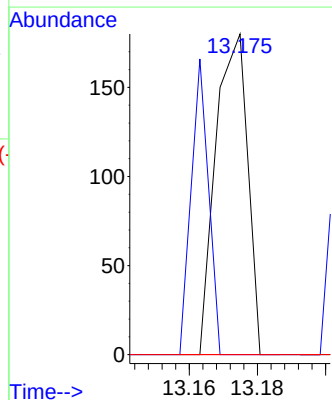
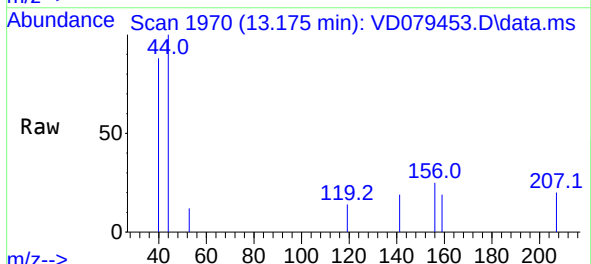
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

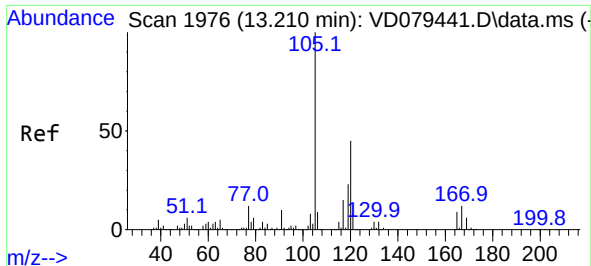
Tgt Ion: 75 Resp: 48272
Ion Ratio Lower Upper
75 100
53 0.4 61.4 92.2#
89 0.0 35.4 53.0#



#83
tert-Butylbenzene
Concen: 3.644 ug/l
RT: 13.175 min Scan# 1970
Delta R.T. 0.012 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion: 119 Resp: 116
Ion Ratio Lower Upper
119 100
91 50.9 28.2 84.7
134 0.0 13.4 40.1#

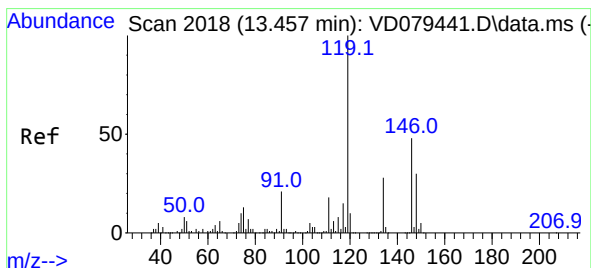
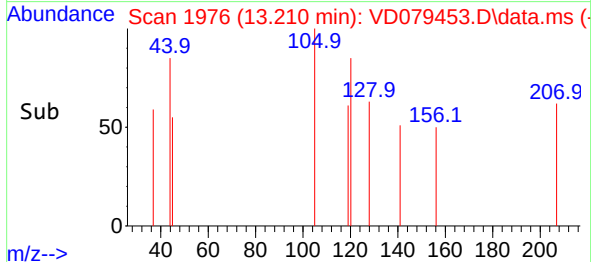
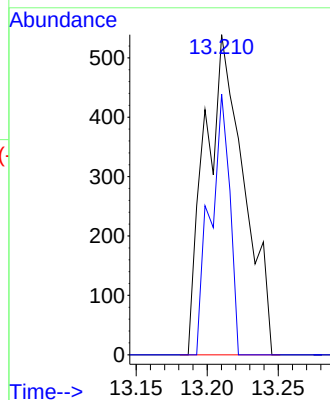
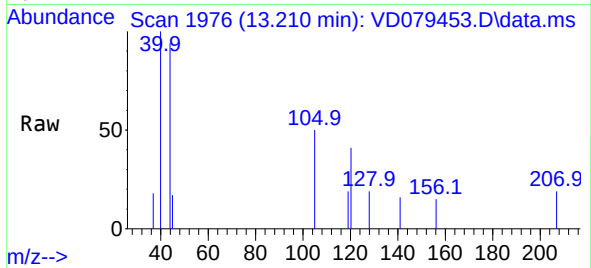




#84
1,2,4-Trimethylbenzene
Concen: 3.552 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

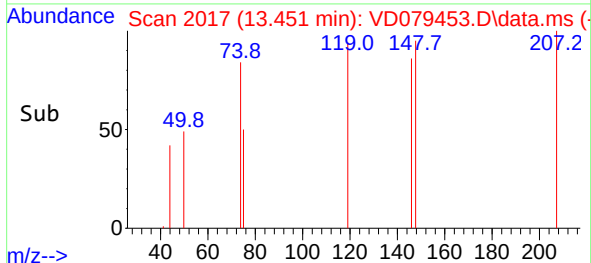
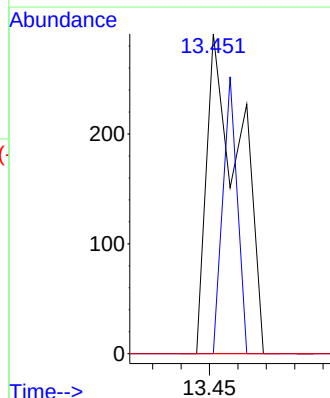
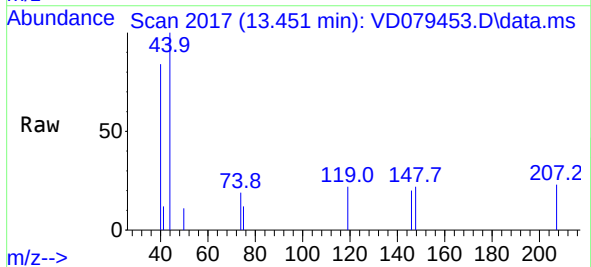
Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

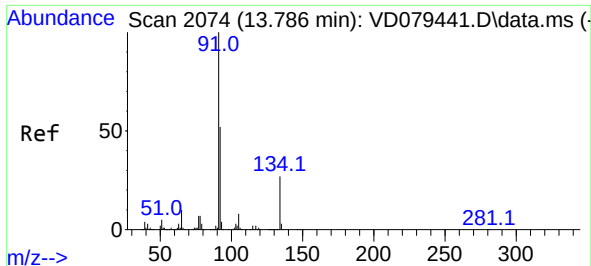
Tgt Ion:105 Resp: 1026
Ion Ratio Lower Upper
105 100
120 40.5 23.6 71.0



#86
p-Isopropyltoluene
Concen: 3.911 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079453.D
Acq: 30 Jul 2024 12:41

Tgt Ion:119 Resp: 236
Ion Ratio Lower Upper
119 100
134 37.7 13.7 41.1
91 0.0 10.7 32.1#





#89

n-Butylbenzene

Concen: 3.830 ug/l

RT: 13.775 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VD079453.D

Acq: 30 Jul 2024 12:41

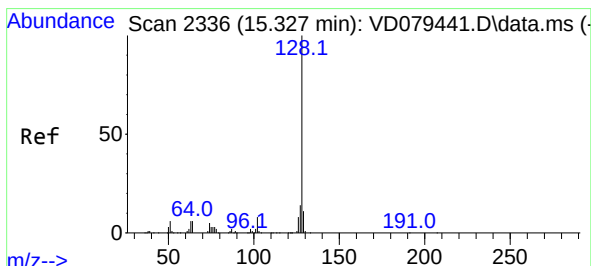
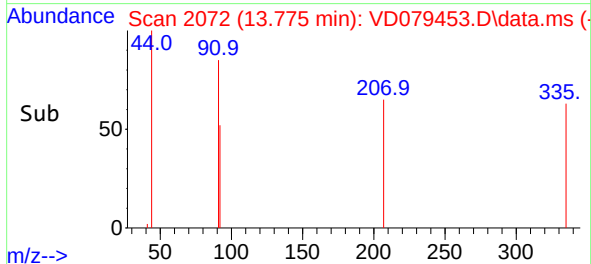
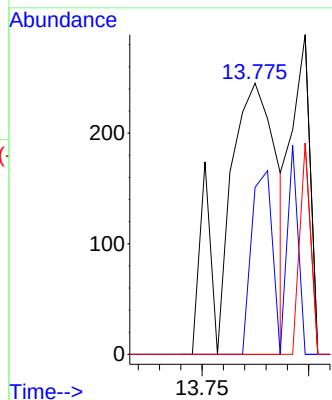
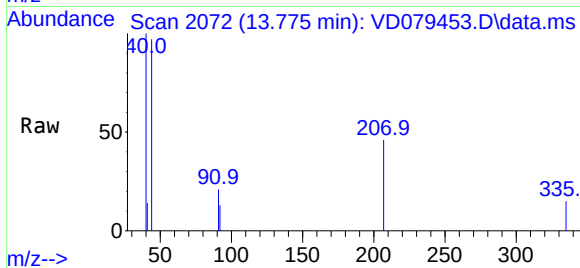
Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

Tgt Ion: 91	Resp:	416
Ion	Ratio	Lower Upper
91	100	
92	26.9	25.7 77.0
134	0.0	13.6 40.8#



#95

Naphthalene

Concen: 13.879 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079453.D

Acq: 30 Jul 2024 12:41

Tgt Ion: 128	Resp:	55602
Ion	Ratio	Lower Upper
128	100	
127	12.1	10.2 15.4
129	11.1	8.5 12.7

