

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074154.D
 Acq On : 19 Aug 2022 17:56
 Operator : VA/SY
 Sample : N4213-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Aug 20 01:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

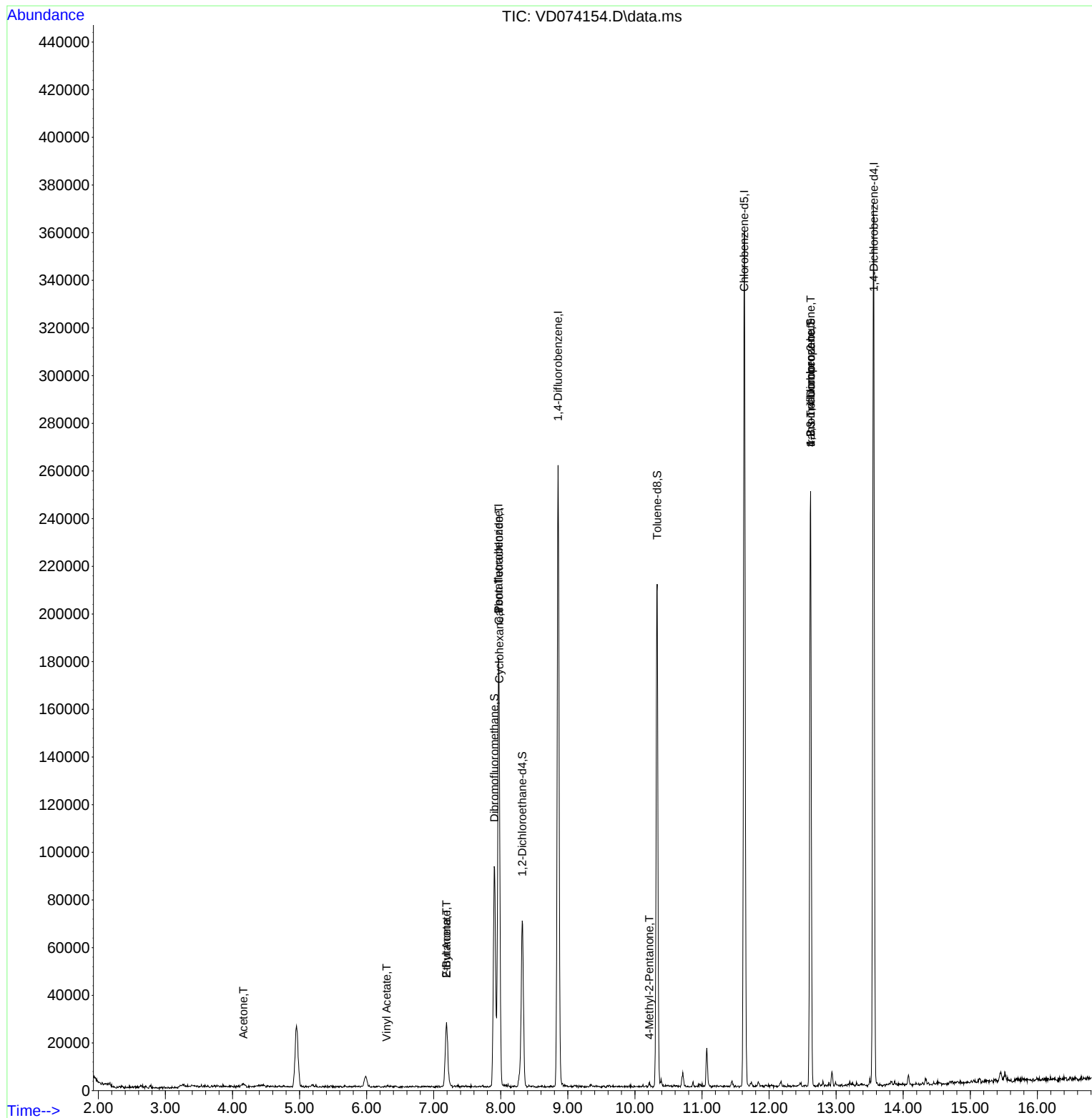
Internal Standards						
1) Pentafluorobenzene	7.967	168	130279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	216939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58367	61.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.300%	
35) Dibromofluoromethane	7.903	113	67580	64.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.560%	
50) Toluene-d8	10.332	98	143115	47.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.620	95	83970	51.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	423	Below Cal	#	43
11) Tert butyl alcohol	5.244	59	66	Below Cal	#	74
16) Acetone	4.162	43	2701	9.623	ug/l	97
23) Vinyl Acetate	6.297	43	78	7.608	ug/l #	75
25) 2-Butanone	7.191	43	1949	4.256	ug/l	98
31) Cyclohexane	7.979	56	3171	1.149	ug/l #	53
37) Ethyl Acetate	7.191	43	1949	1.959	ug/l #	1
38) Carbon Tetrachloride	7.973	117	13780	6.275	ug/l #	22
51) 4-Methyl-2-Pentanone	10.214	43	1073	1.131	ug/l	94
76) 1,2,3-Trichloropropane	12.620	75	42750	40.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	42750	106.839	ug/l #	7

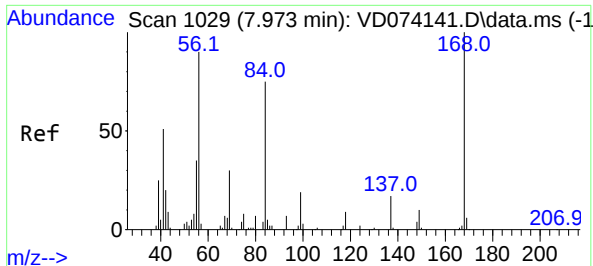
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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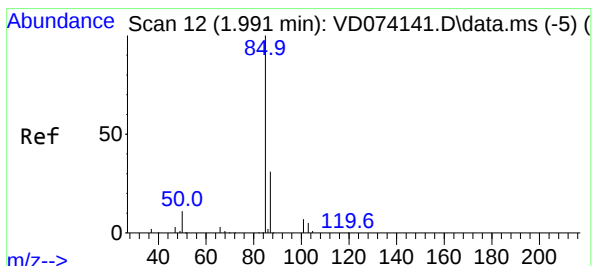
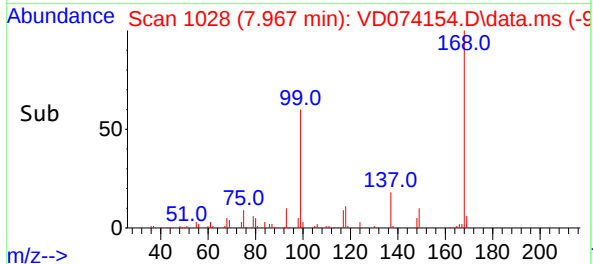
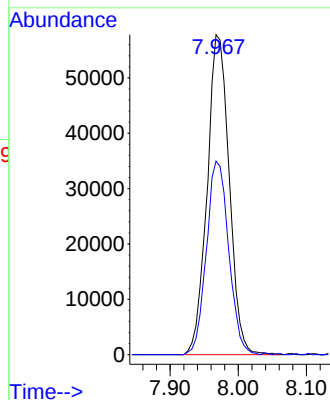
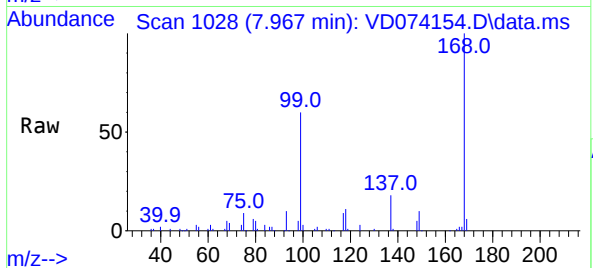




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

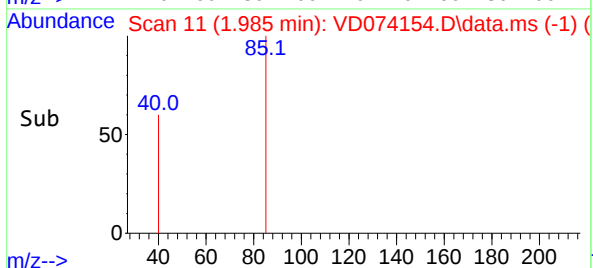
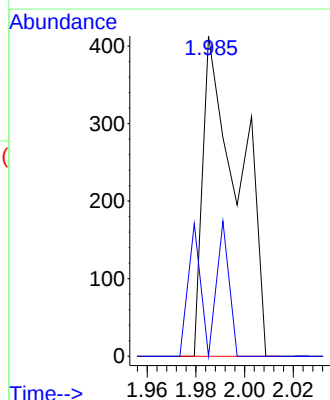
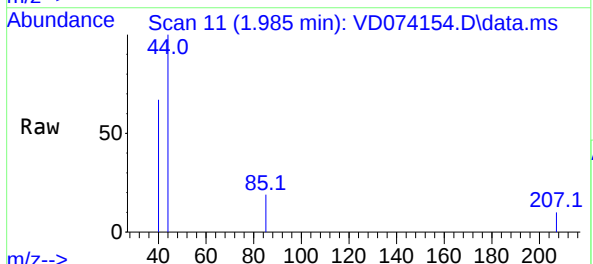
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

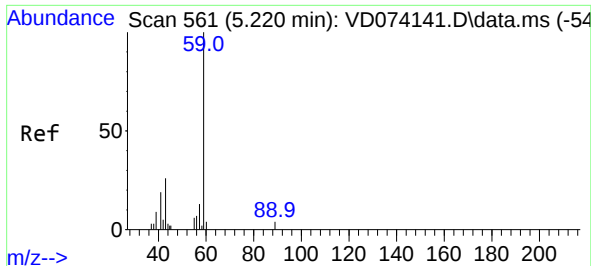
Tgt Ion:168 Resp: 130279
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 85 Resp: 423
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

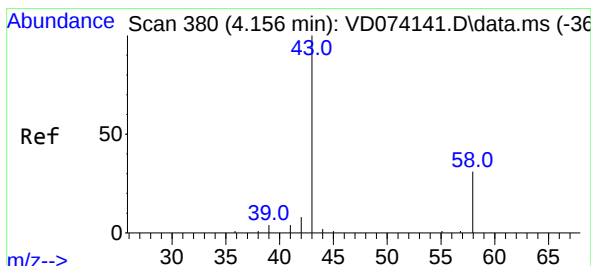
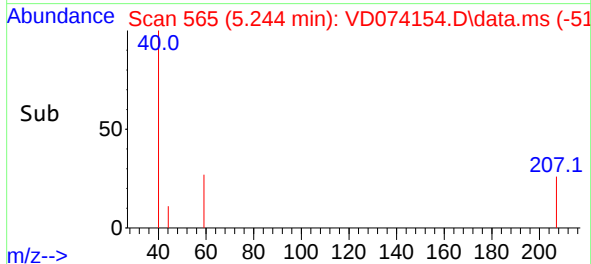
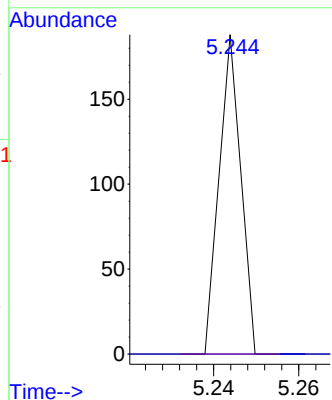
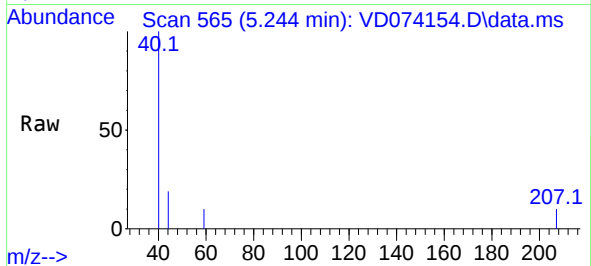




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 50
Delta R.T. 0.024 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

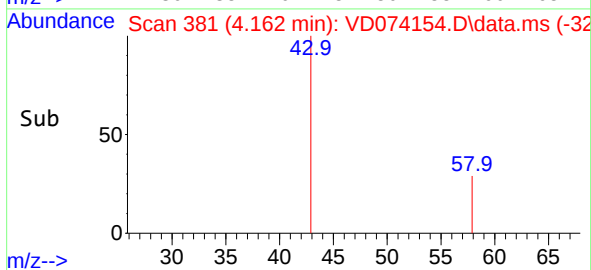
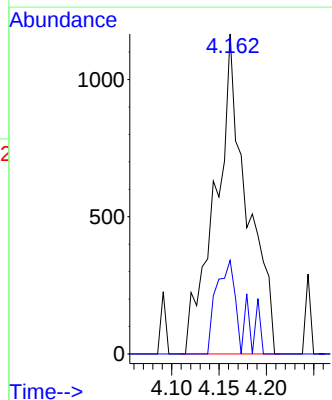
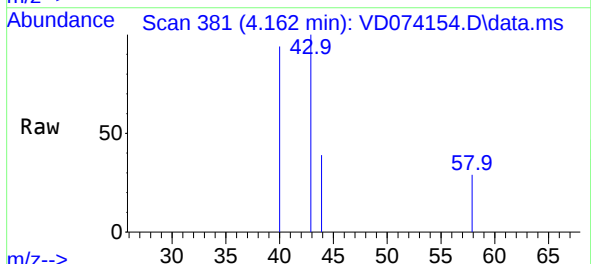
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

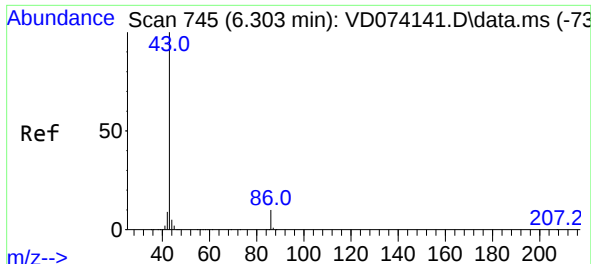
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.623 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 43 Resp: 2701
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1

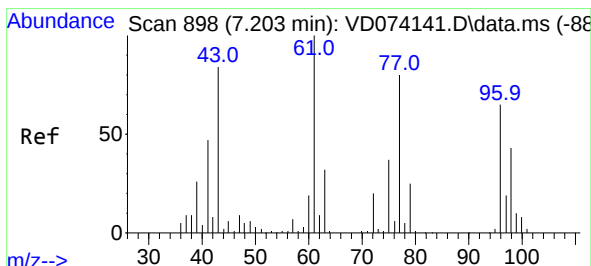
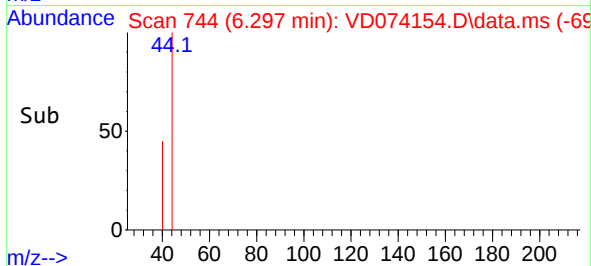
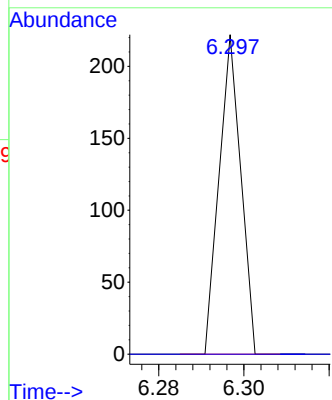
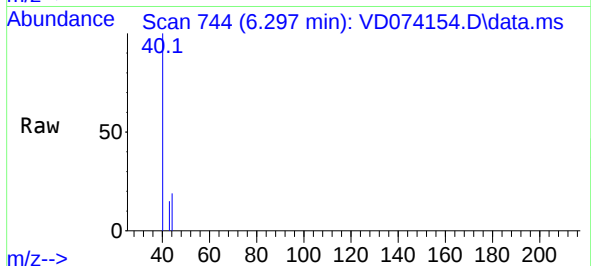




#23
 Vinyl Acetate
 Concen: 7.608 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074154.D
 Acq: 19 Aug 2022 17:56

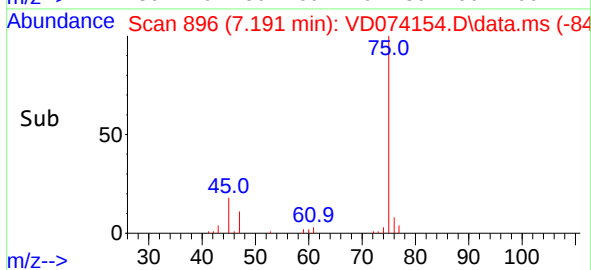
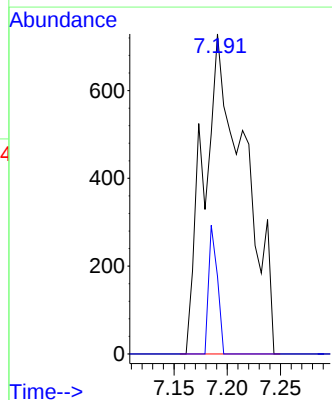
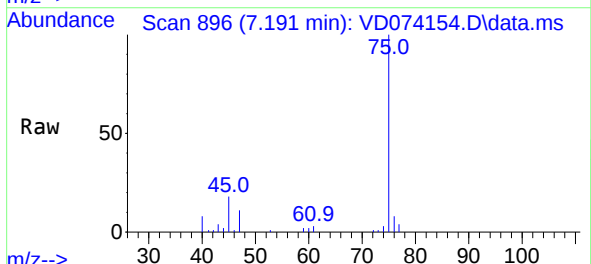
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

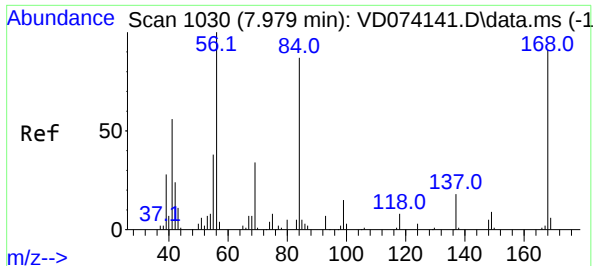
Tgt Ion: 43 Resp: 78
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 4.256 ug/l
 RT: 7.191 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: VD074154.D
 Acq: 19 Aug 2022 17:56

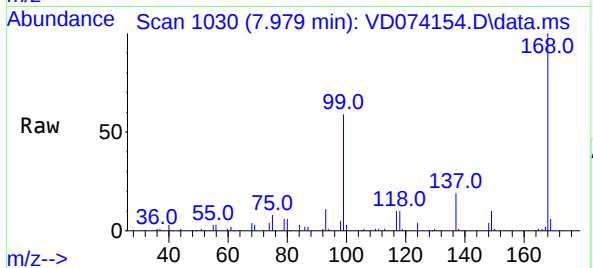
Tgt Ion: 43 Resp: 1949
 Ion Ratio Lower Upper
 43 100
 72 24.3 18.6 27.8



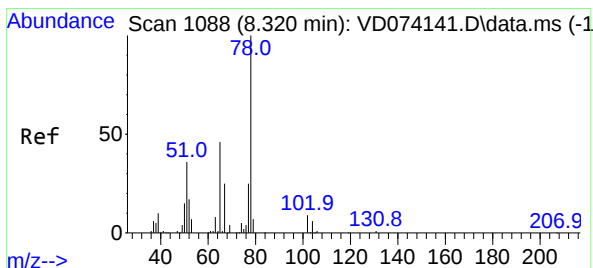
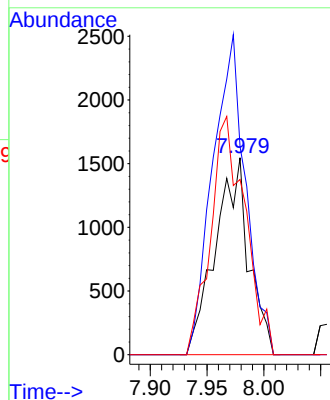
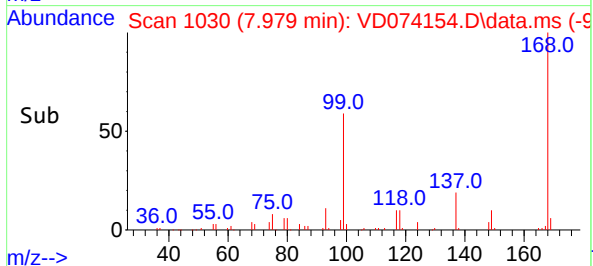


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

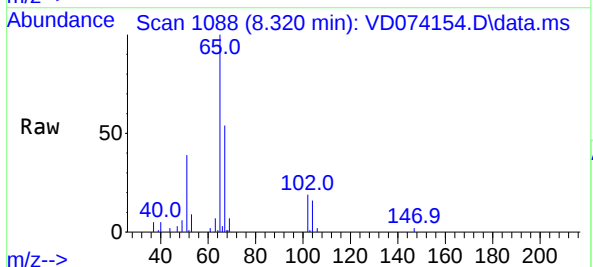
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209



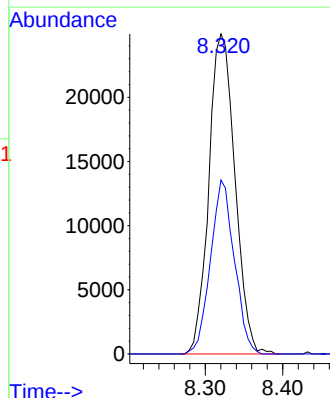
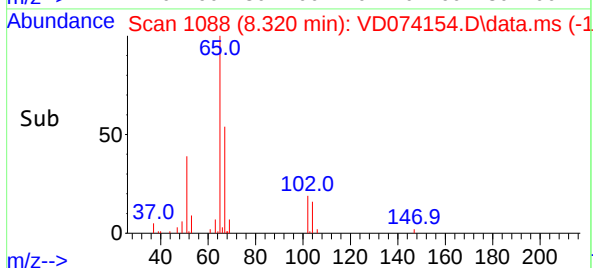
Tgt Ion: 56 Resp: 3171
Ion Ratio Lower Upper
56 100
69 105.7 25.4 38.2#
84 88.9 63.0 94.4

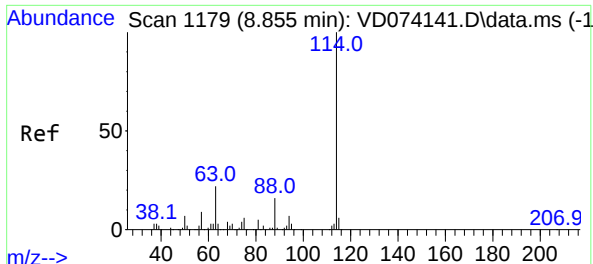


#33
1,2-Dichloroethane-d4
Concen: 61.649 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56



Tgt Ion: 65 Resp: 58367
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.4



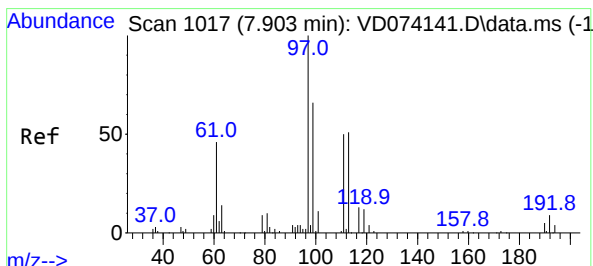
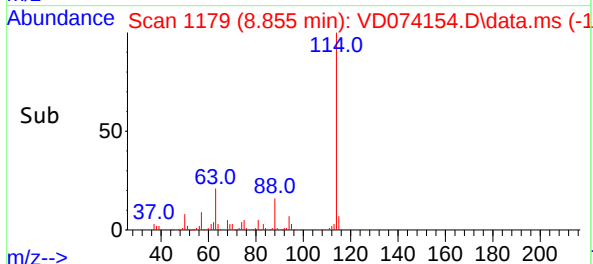
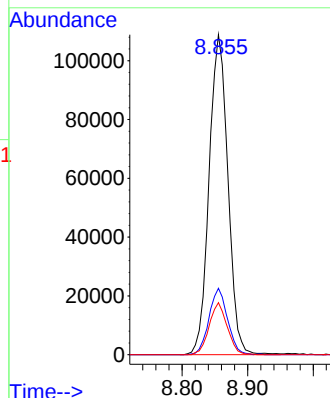
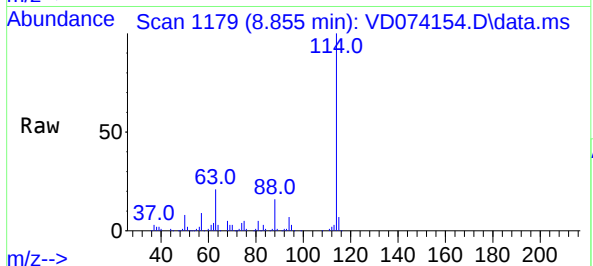


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:114 Resp: 216939

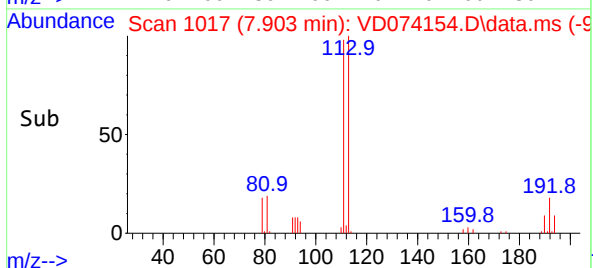
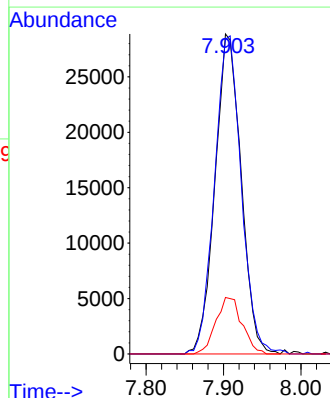
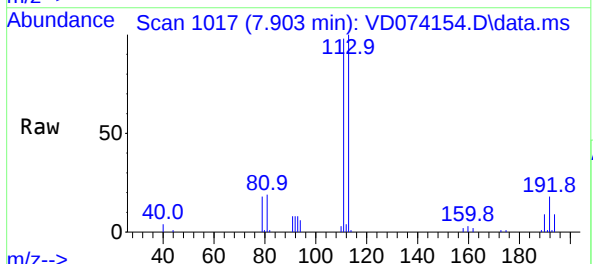
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	46.6
88	16.3	0.0	33.2

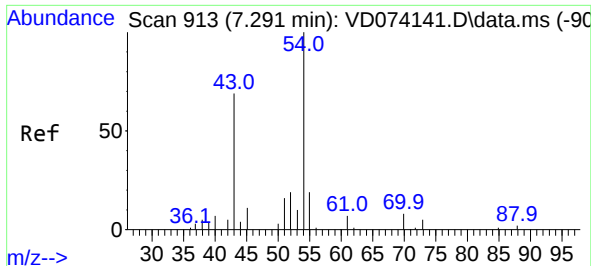


#35
Dibromofluoromethane
Concen: 64.780 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion:113 Resp: 67580

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	17.7	14.6	21.8

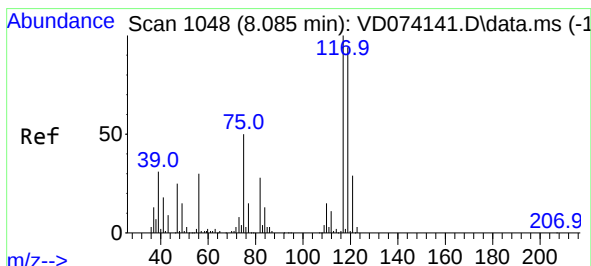
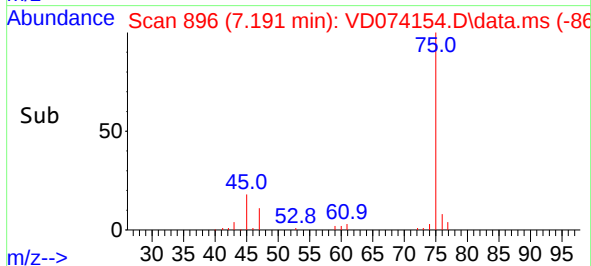
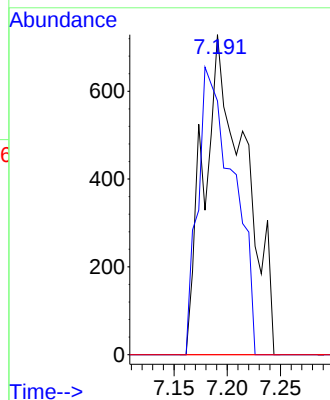
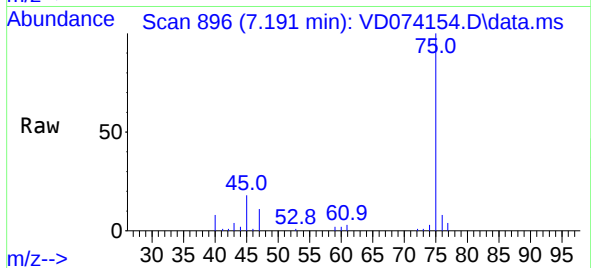




#37
Ethyl Acetate
Concen: 1.959 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.100 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

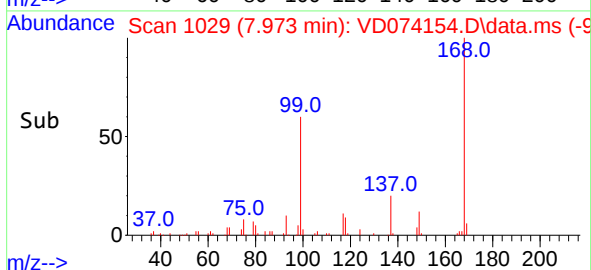
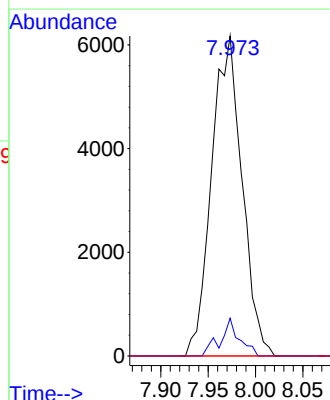
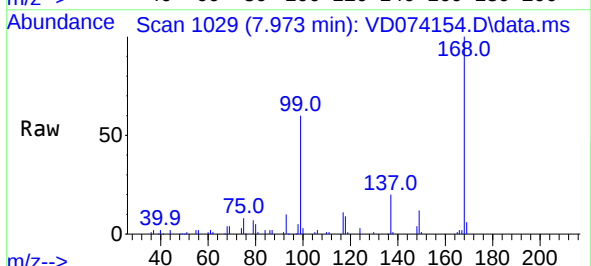
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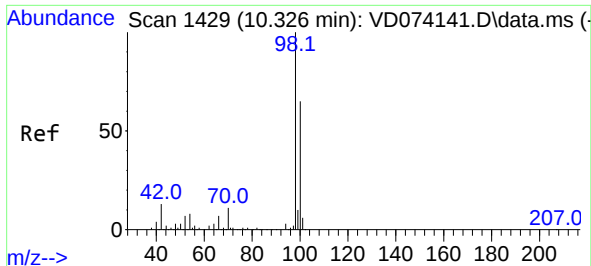
Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
61 77.8 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 117 Resp: 13780
Ion Ratio Lower Upper
117 100
119 11.8 75.8 113.6#
121 0.0 24.5 36.7#

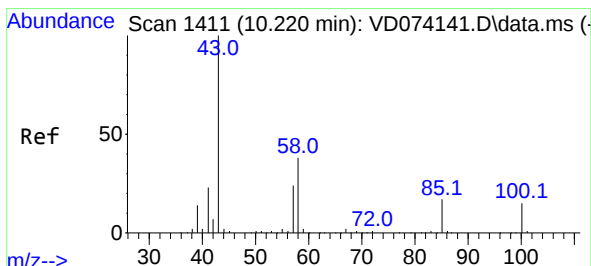
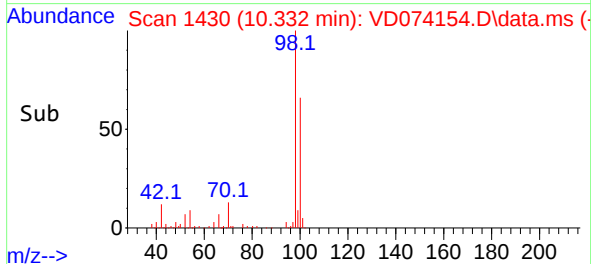
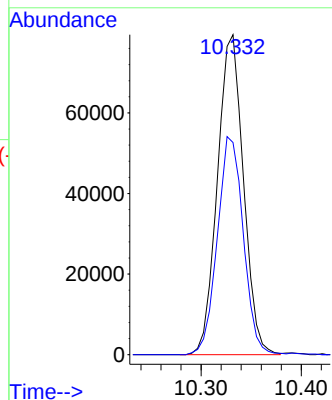
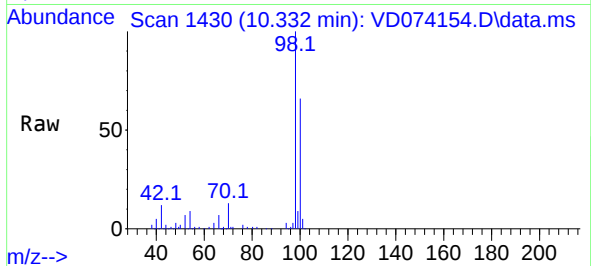




#50
Toluene-d8
Concen: 47.947 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

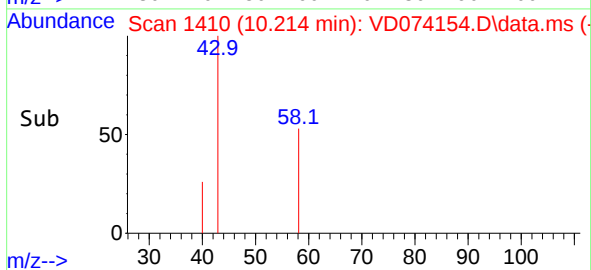
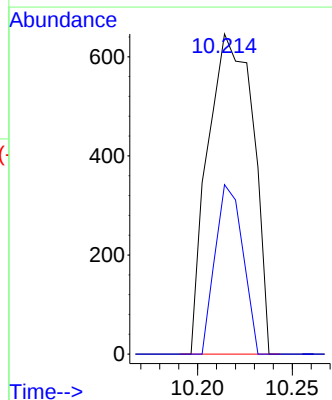
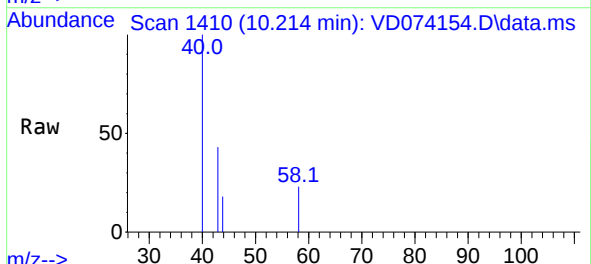
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

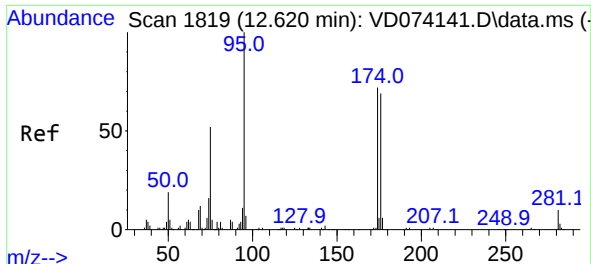
Tgt Ion: 98 Resp: 143115
Ion Ratio Lower Upper
98 100
100 68.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.131 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 32.4 28.6 43.0

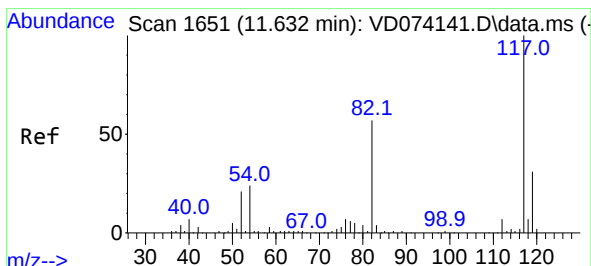
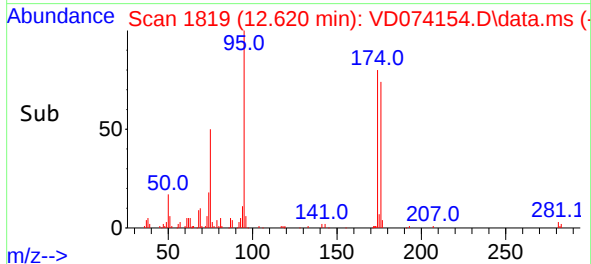
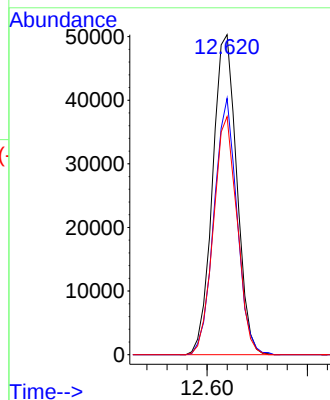
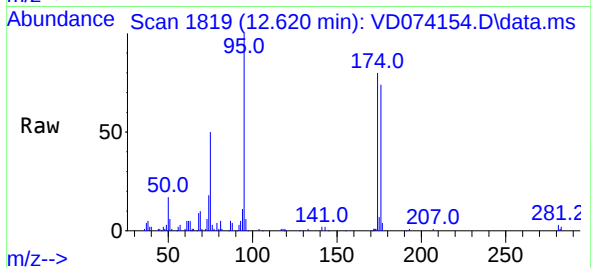




#62
4-Bromofluorobenzene
Concen: 51.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

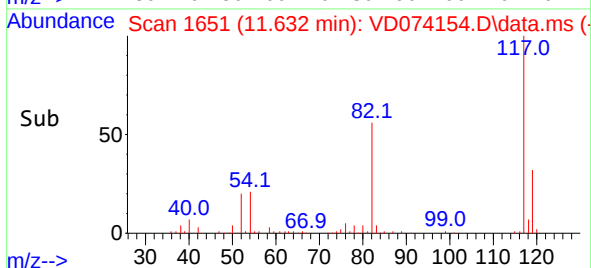
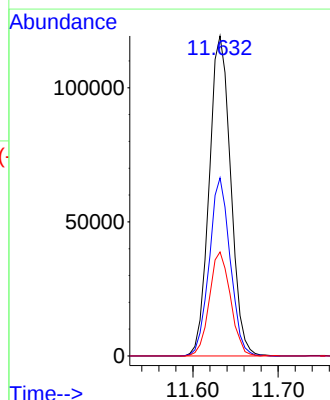
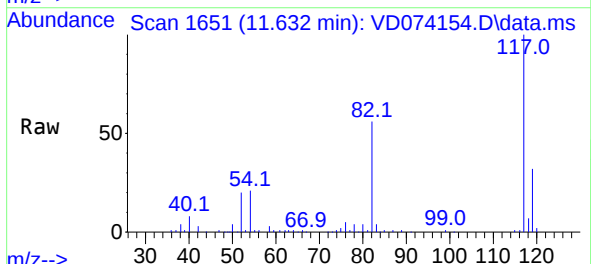
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

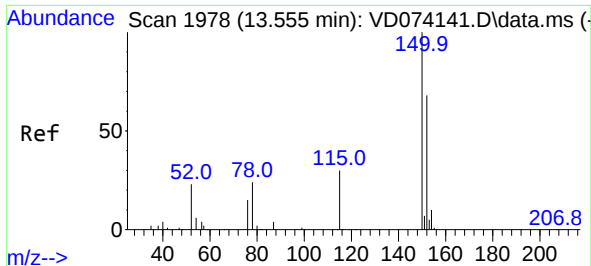
Tgt Ion: 95 Resp: 83970
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Tgt Ion: 117 Resp: 209510
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.5 26.6 40.0

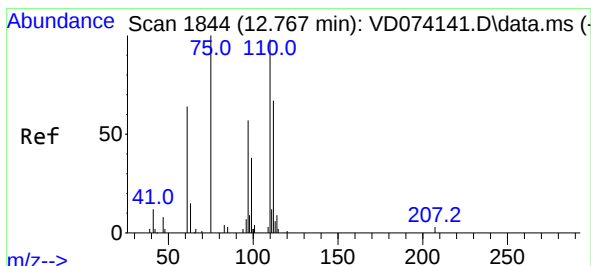
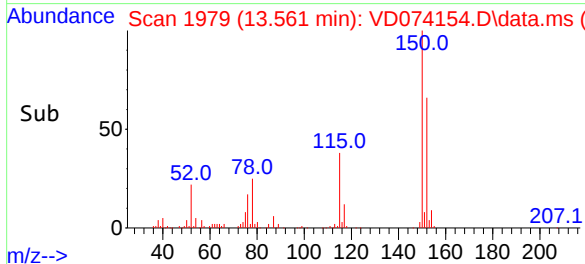
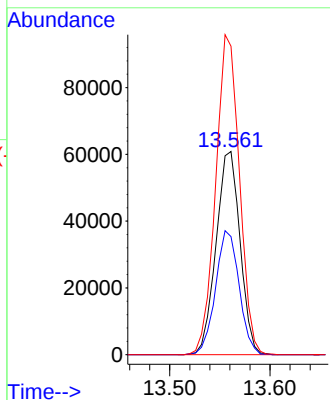
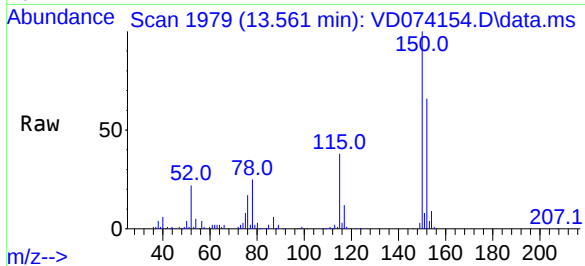




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

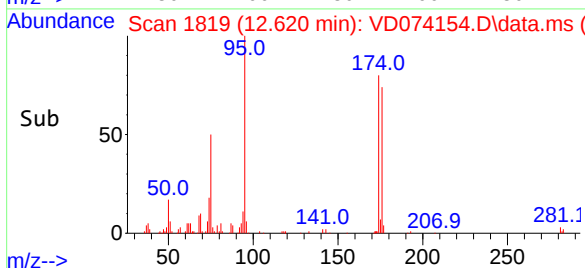
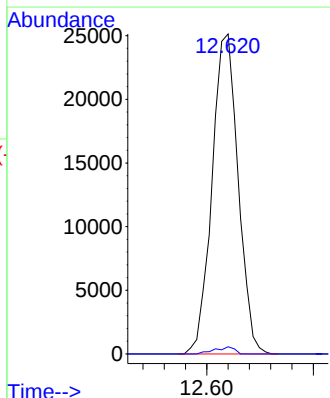
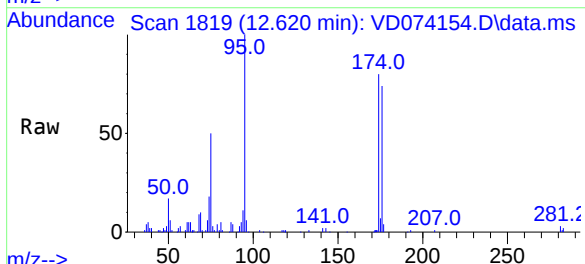
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

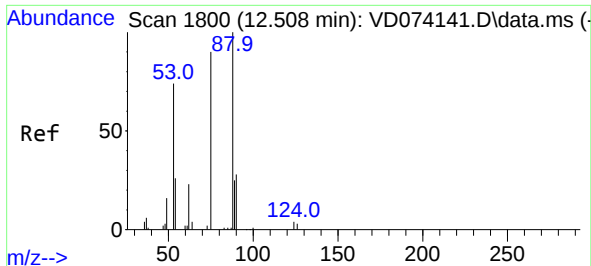
Tgt Ion:152 Resp: 101107
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 40.829 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

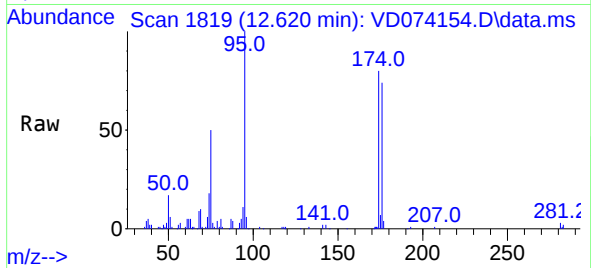
Tgt Ion: 75 Resp: 42750
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.839 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD074154.D
Acq: 19 Aug 2022 17:56

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.0	33.9	50.9#

