

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074350.D
 Acq On : 19 Sep 2022 17:03
 Operator : VA/SY
 Sample : N4640-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-240

Quant Time: Sep 19 23:02:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

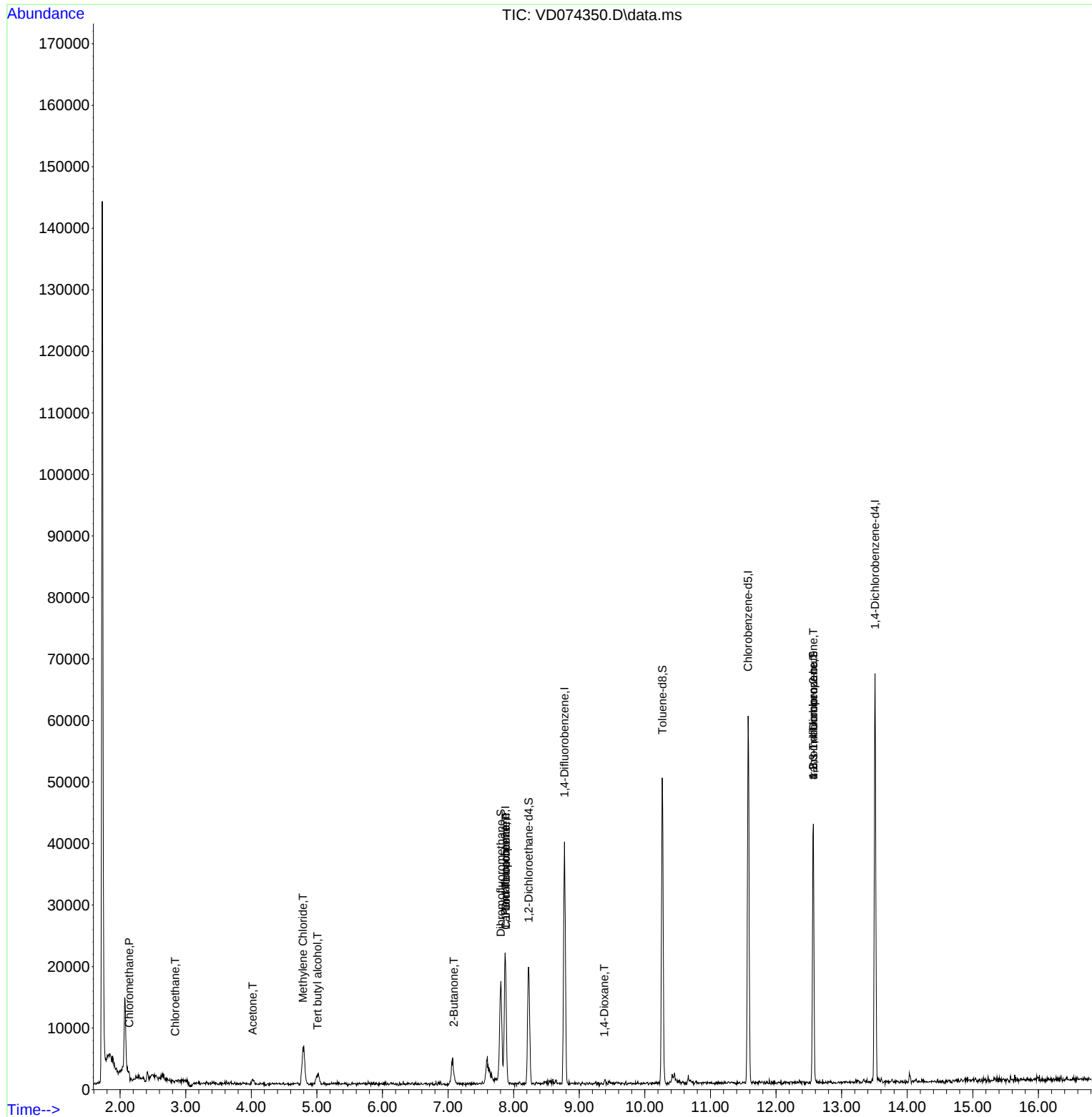
Internal Standards						
1) Pentafluorobenzene	7.875	168	16347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	35568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	17792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15411	96.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.580%#	
35) Dibromofluoromethane	7.804	113	12088	54.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.420%	
50) Toluene-d8	10.269	98	35735	46.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.569	95	12809	49.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	343	2.395	ug/l #	85
6) Chloroethane	2.840	64	140	1.695	ug/l #	44
11) Tert butyl alcohol	5.010	59	1698	157.803	ug/l #	74
16) Acetone	4.022	43	1348	37.579	ug/l #	84
20) Methylene Chloride	4.787	84	2413	2.412	ug/l	91
25) 2-Butanone	7.087	43	296	5.540	ug/l #	48
36) 1,1-Dichloropropene	7.881	75	1367	4.016	ug/l #	42
38) Carbon Tetrachloride	7.881	117	1614	5.350	ug/l #	11
49) 1,4-Dioxane	9.381	88	193	142.829	ug/l #	57
76) 1,2,3-Trichloropropane	12.569	75	7190	43.677	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	7190	109.467	ug/l #	100

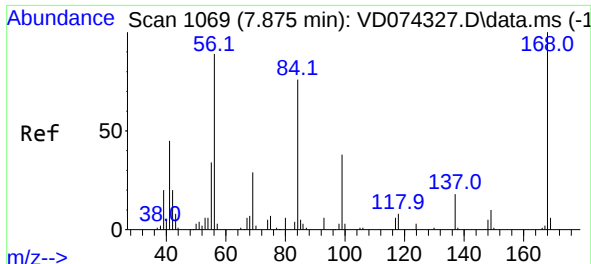
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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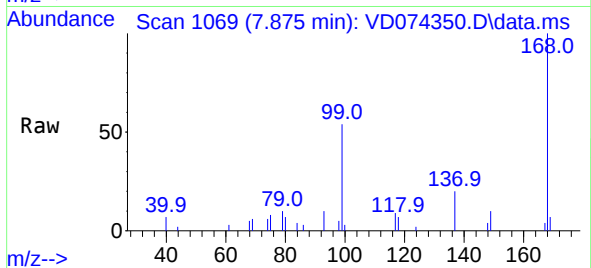
Quant Time: Sep 19 23:02:01 2022
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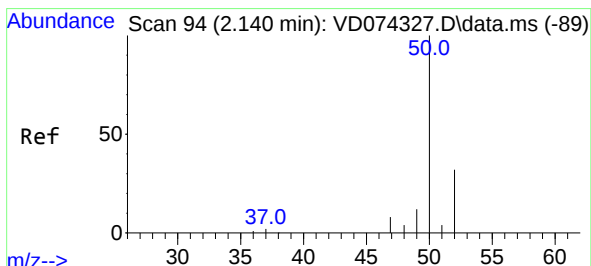
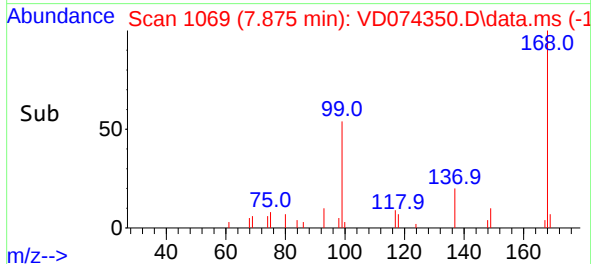
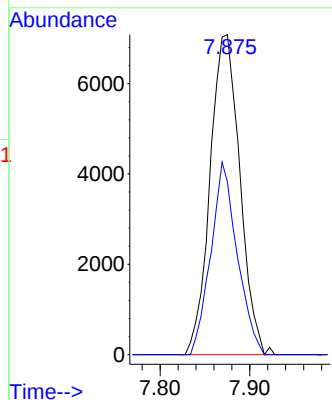


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

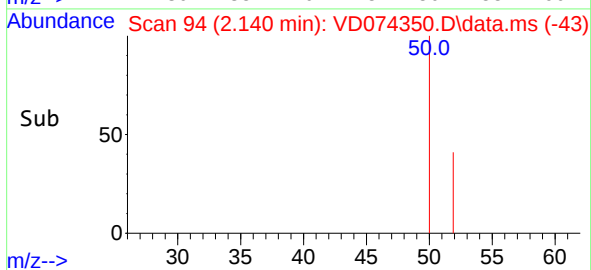
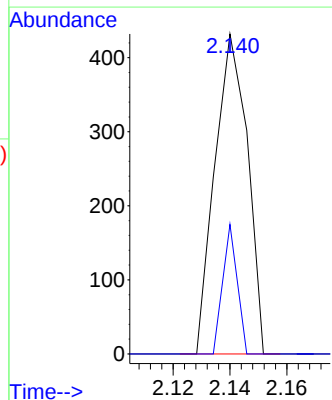
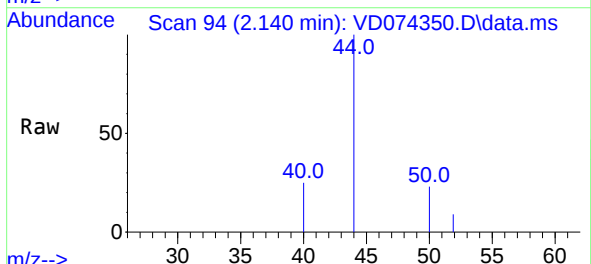


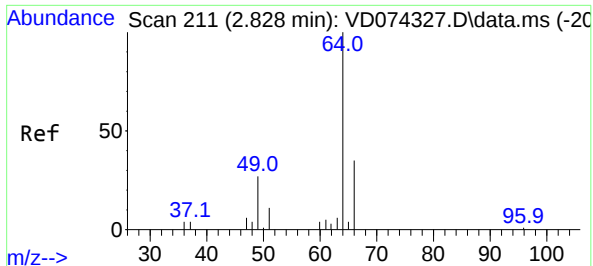
Tgt Ion:168 Resp: 16347
Ion Ratio Lower Upper
168 100
99 54.1 43.0 64.6



#3
Chloromethane
Concen: 2.395 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 40.5 25.8 38.8#

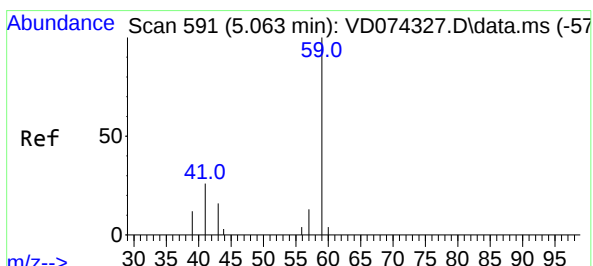
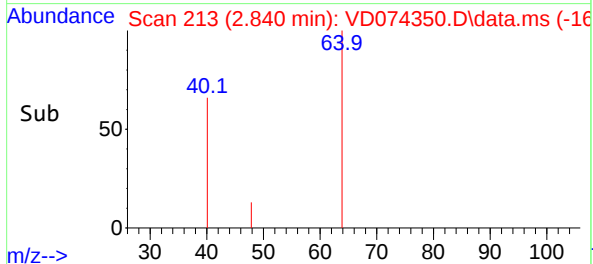
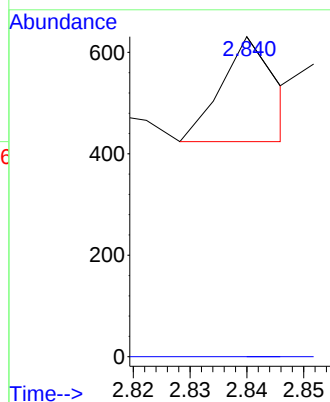
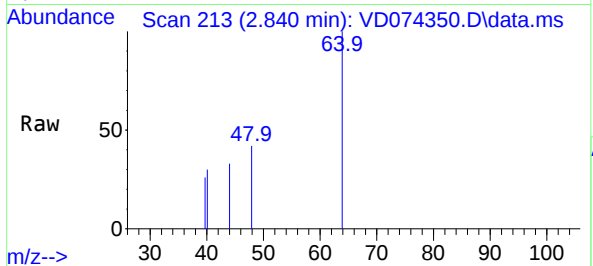




#6
Chloroethane
Concen: 1.695 ug/l
RT: 2.840 min Scan# 211
Delta R.T. 0.012 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

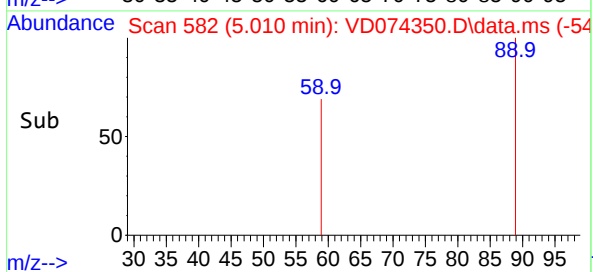
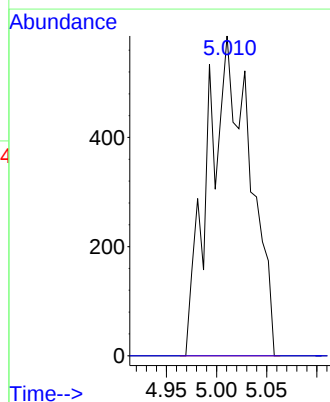
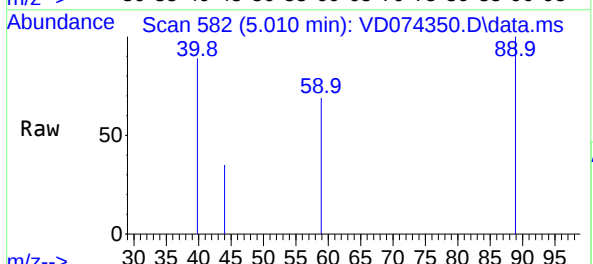
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

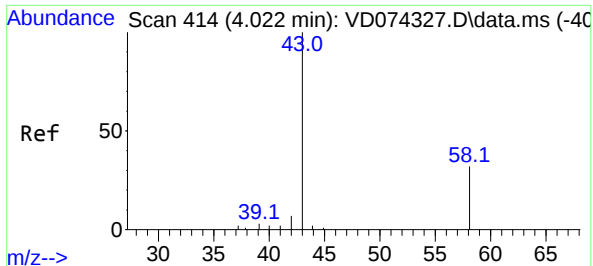
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#11
Tert butyl alcohol
Concen: 157.803 ug/l
RT: 5.010 min Scan# 582
Delta R.T. -0.053 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 59 Resp: 1698
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

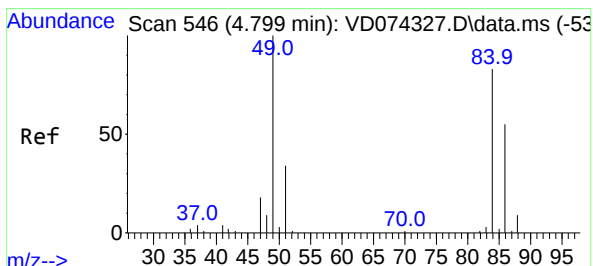
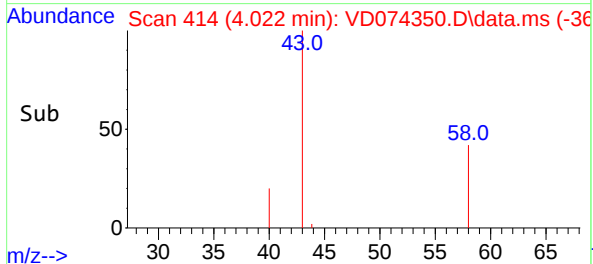
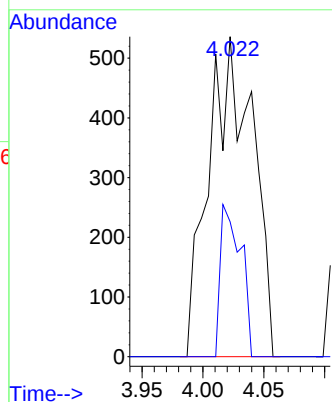
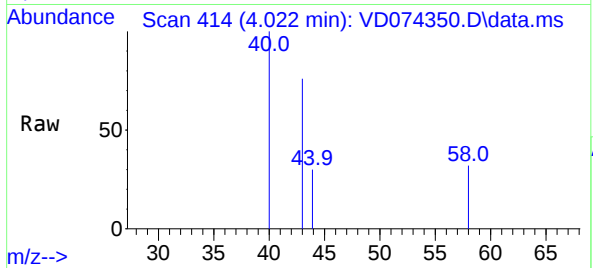




#16
Acetone
Concen: 37.579 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

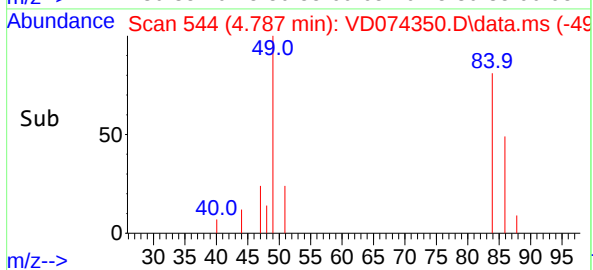
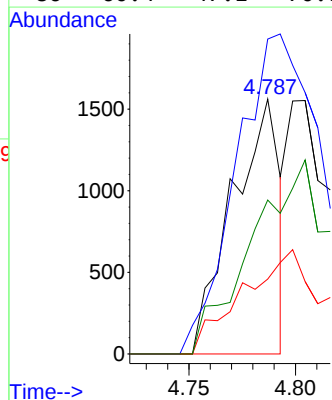
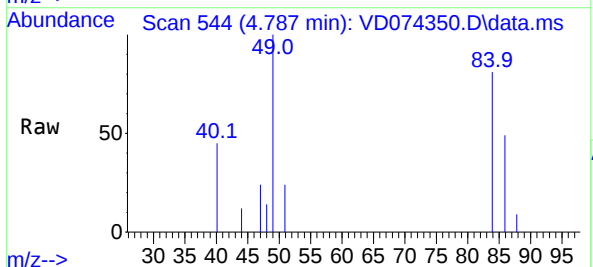
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

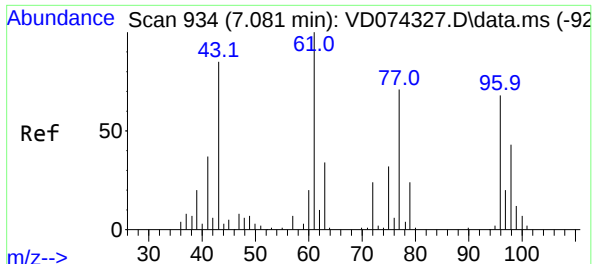
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 42.2 26.4 39.6#



#20
Methylene Chloride
Concen: 2.412 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 84 Resp: 2413
Ion Ratio Lower Upper
84 100
49 123.6 88.4 132.6
51 29.4 28.0 42.0
86 60.4 47.1 70.7





#25

2-Butanone

Concen: 5.540 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074350.D

Acq: 19 Sep 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

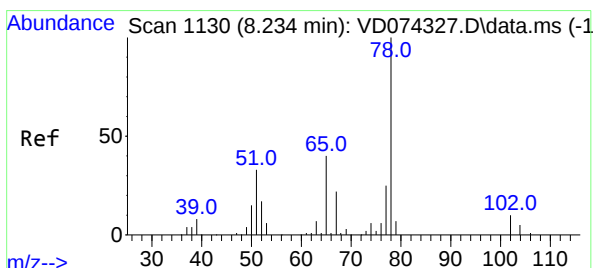
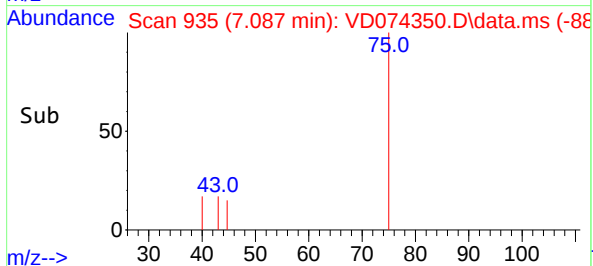
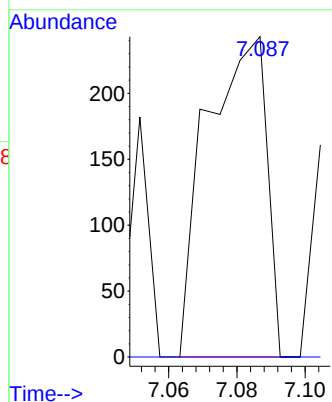
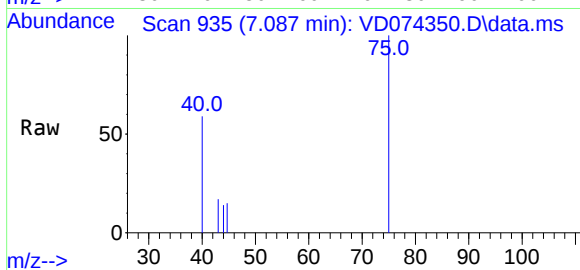
VNJ-240

Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#33

1,2-Dichloroethane-d4

Concen: 96.789 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074350.D

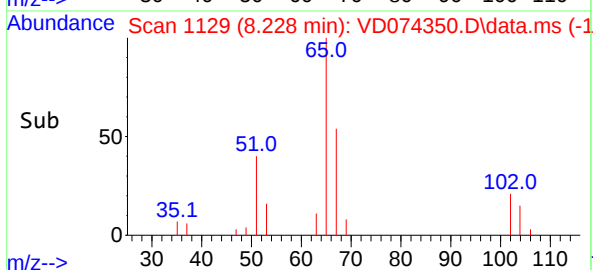
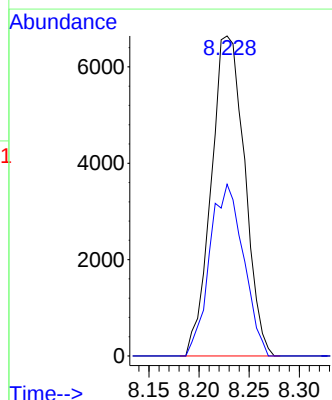
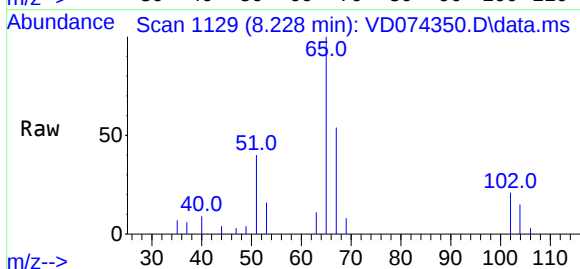
Acq: 19 Sep 2022 17:03

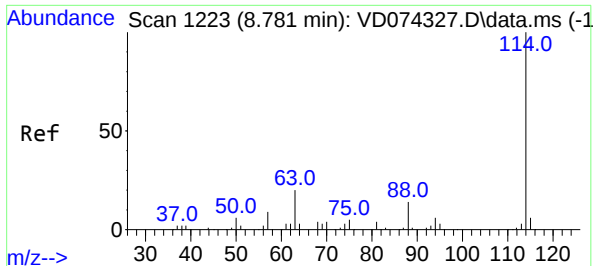
Tgt Ion: 65 Resp: 15411

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.6

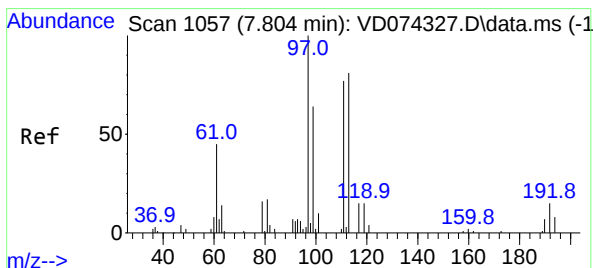
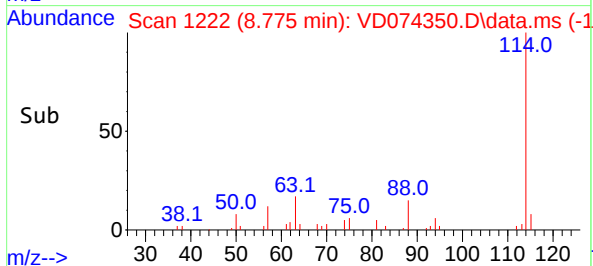
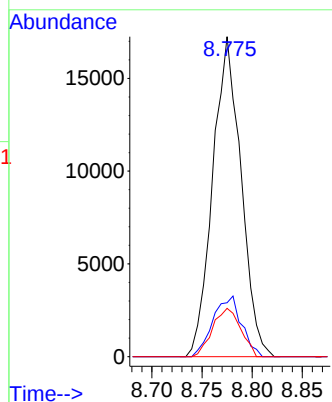
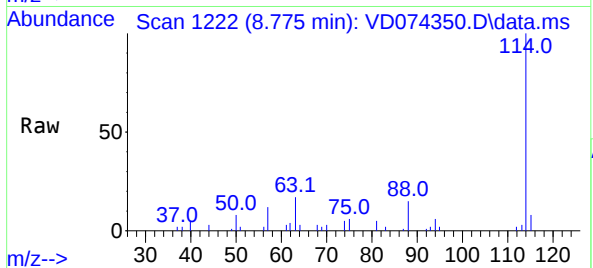




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

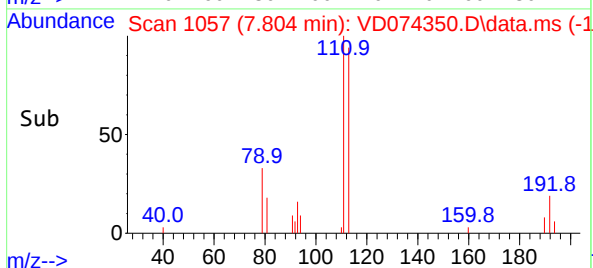
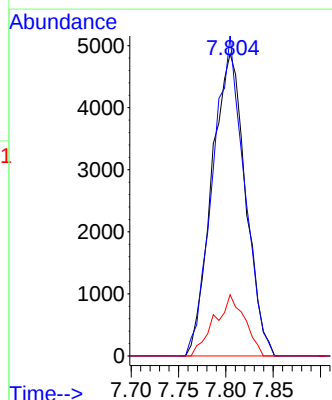
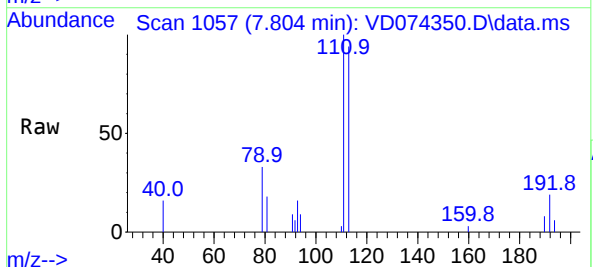
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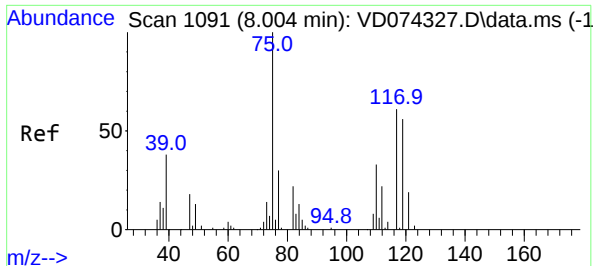
Tgt Ion:114	Resp:	33860
Ion Ratio	Lower	Upper
114	100	
63	16.9	0.0 37.6
88	15.1	0.0 28.4



#35
Dibromofluoromethane
Concen: 54.205 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion:113	Resp:	12088
Ion Ratio	Lower	Upper
113	100	
111	98.9	83.0 124.6
192	18.1	16.2 24.2

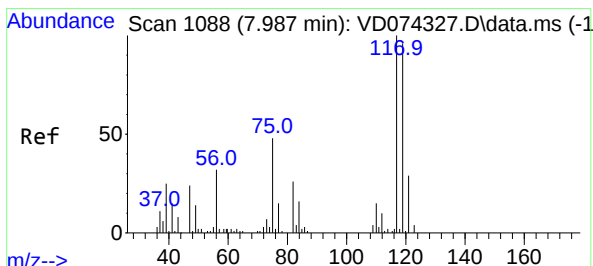
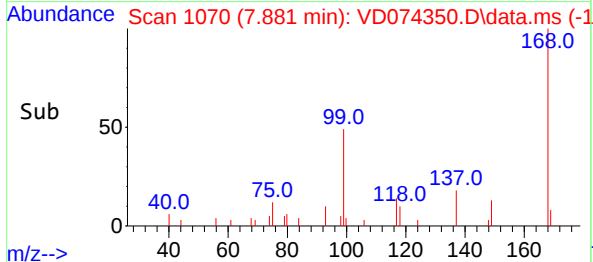
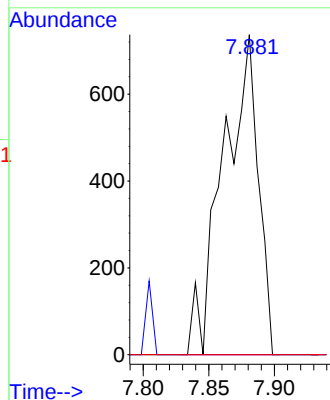
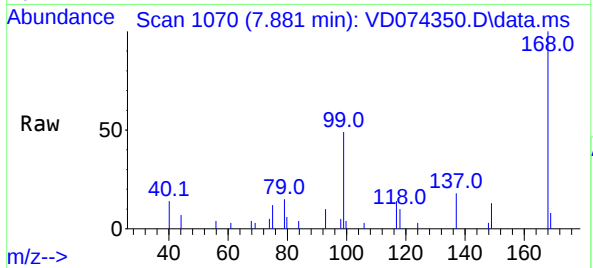




#36
1,1-Dichloropropene
Concen: 4.016 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.123 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

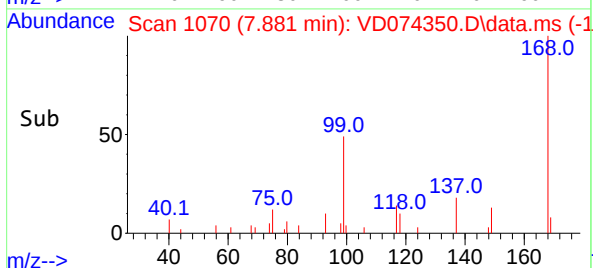
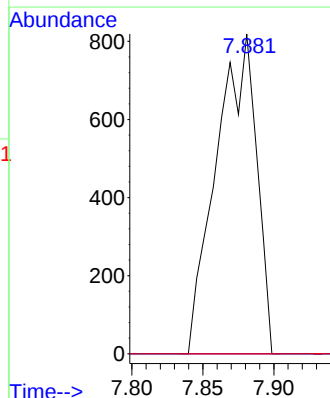
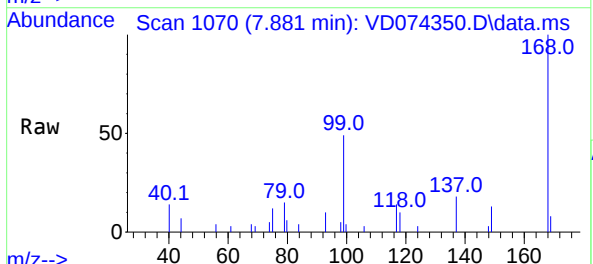
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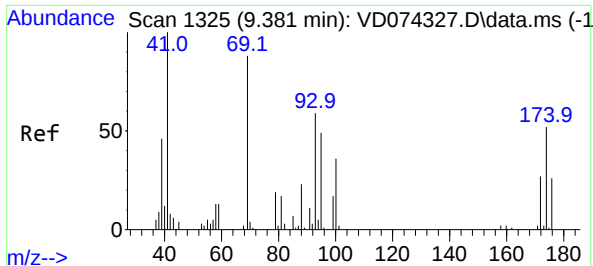
Tgt Ion: 75 Resp: 1367
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.106 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 117 Resp: 1614
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#

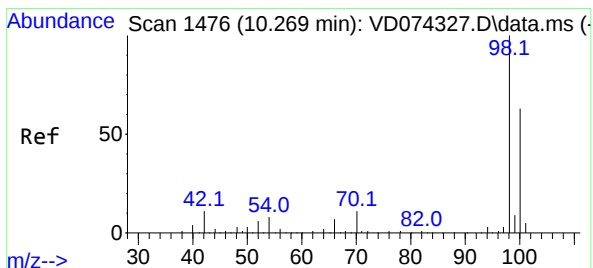
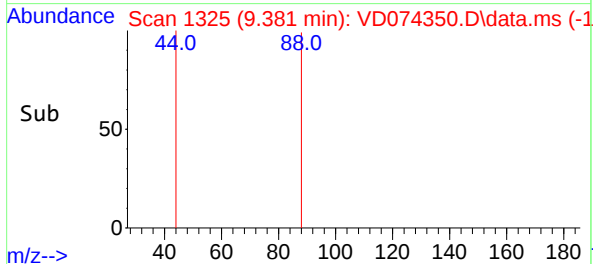
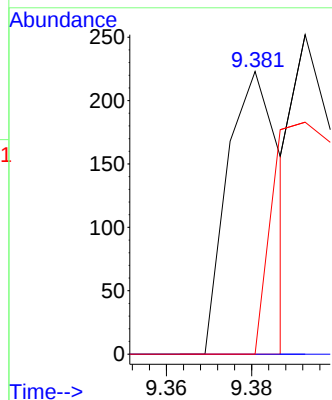
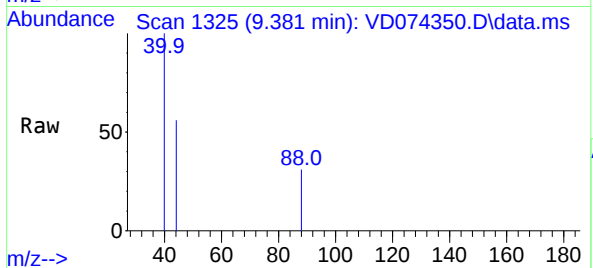




#49
1,4-Dioxane
Concen: 142.829 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

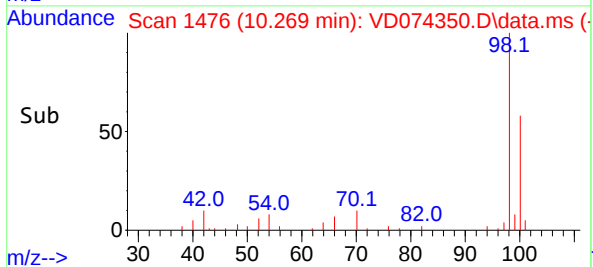
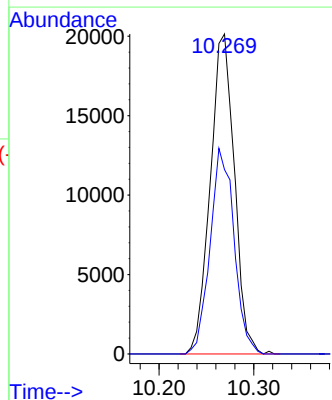
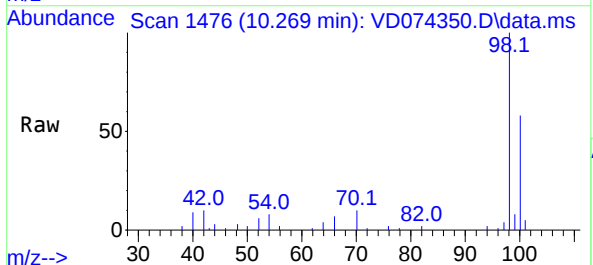
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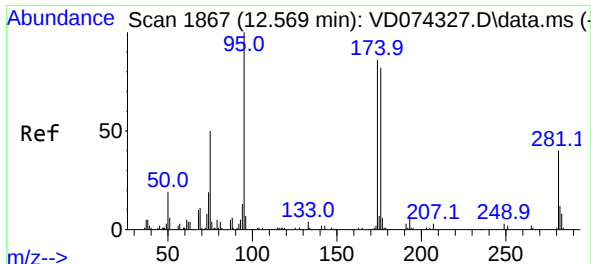
Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 96.4 54.2 81.2#



#50
Toluene-d8
Concen: 46.441 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 98 Resp: 35735
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8

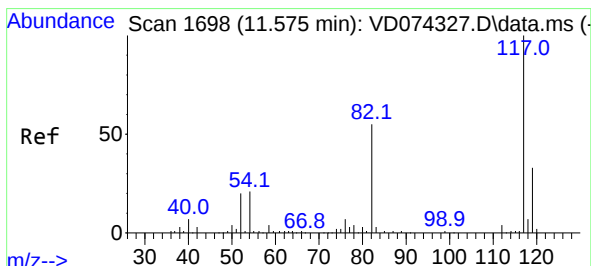
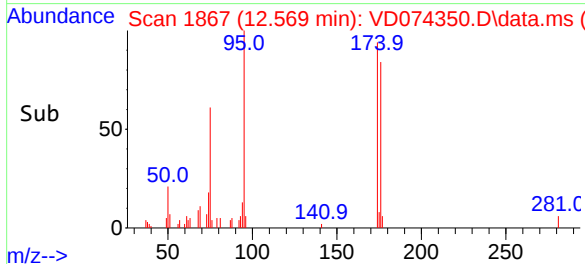
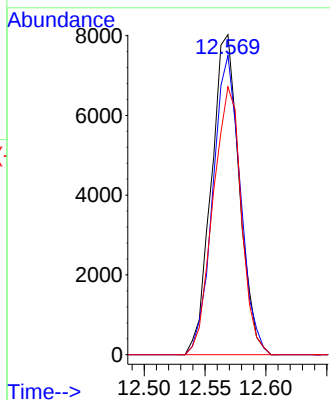
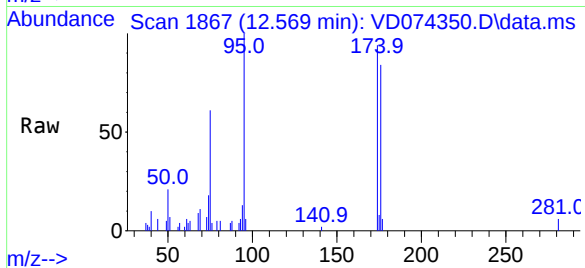




#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

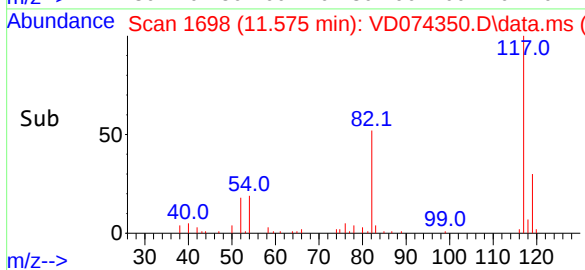
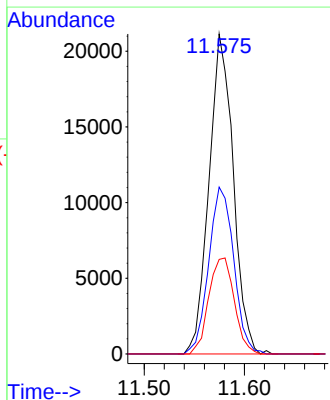
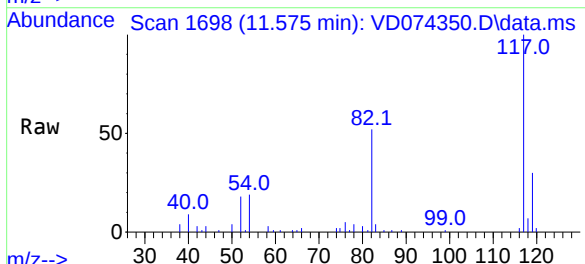
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

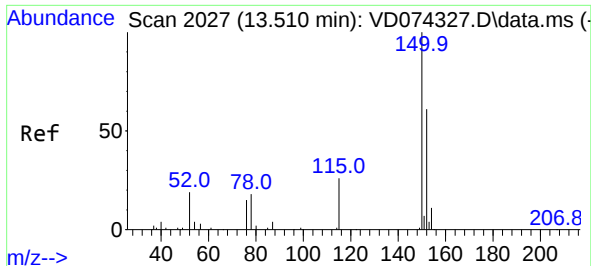
Tgt Ion: 95 Resp: 12809
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.2
176 84.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

Tgt Ion: 117 Resp: 35568
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 29.6 25.4 38.0

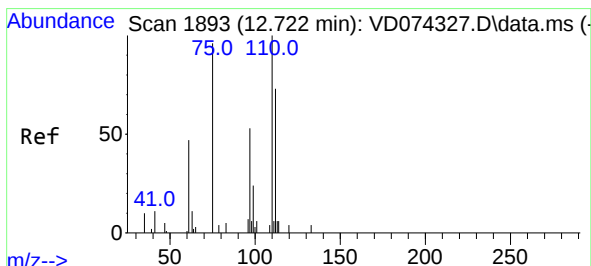
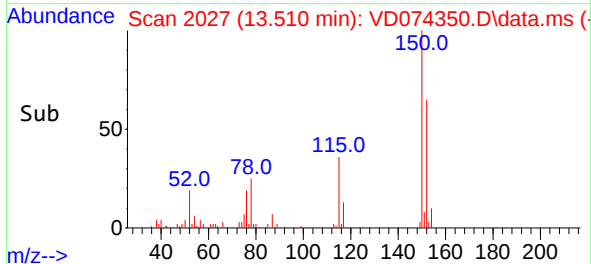
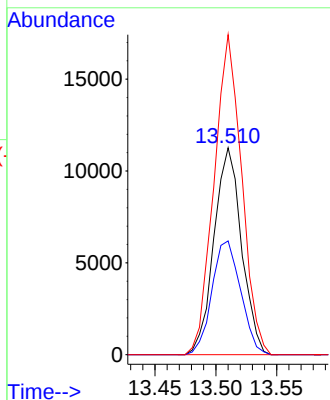
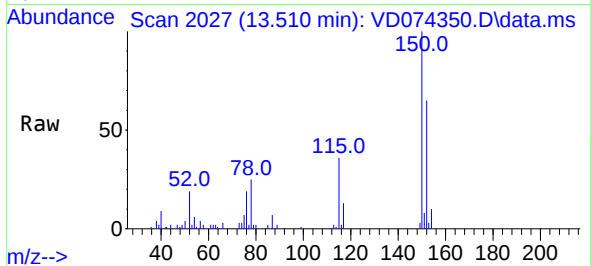




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

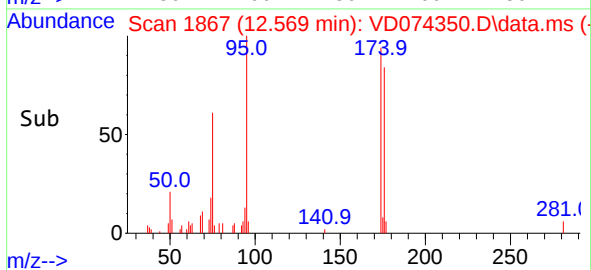
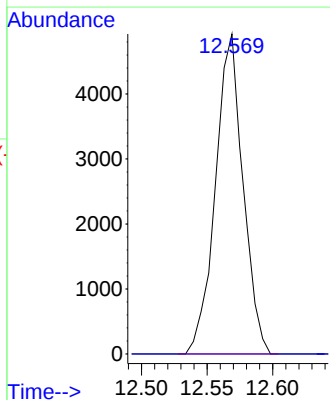
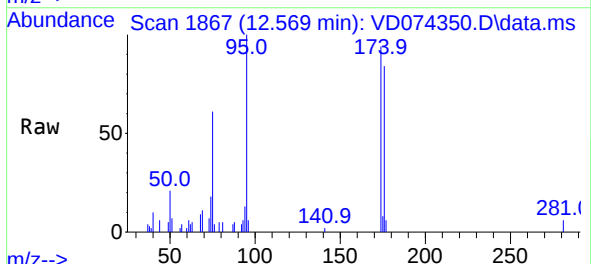
Instrument :
MSVOA_D
ClientSampleId :
VNJ-240

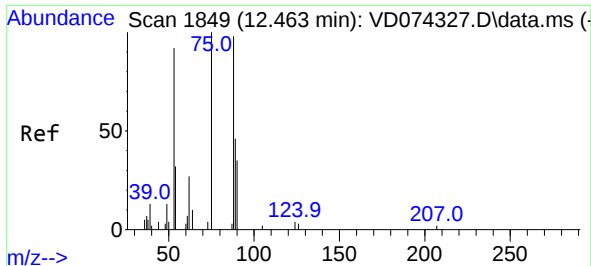
Tgt Ion:152 Resp: 17792
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 154.7 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 43.677 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074350.D
Acq: 19 Sep 2022 17:03

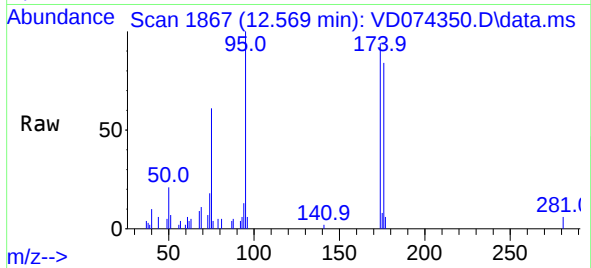
Tgt Ion: 75 Resp: 7190
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.467 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074350.D
 Acq: 19 Sep 2022 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-240



Tgt Ion:	75	Resp:	7190
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

