

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075668.D
 Acq On : 13 Apr 2023 19:04
 Operator : KP/SY
 Sample : 02305-01
 Misc : 6.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

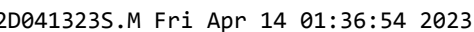
Quant Time: Apr 14 01:36:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

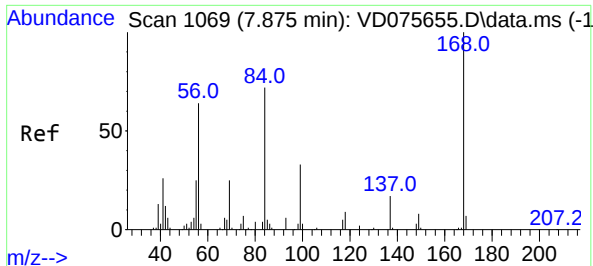
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	105021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	391616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	193396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79704	79.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.920%	
35) Dibromofluoromethane	7.804	113	119377	58.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.220%	
50) Toluene-d8	10.269	98	426945	51.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.575	95	157978	72.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 144.500%#	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	183	1.002	ug/l #	44
20) Methylene Chloride	4.793	84	18860	9.626	ug/l #	77
29) Tetrahydrofuran	7.452	42	244	1.898	ug/l #	61
31) Cyclohexane	7.881	56	1948	1.245	ug/l #	19
36) 1,1-Dichloropropene	7.869	75	7896	2.786	ug/l #	50
38) Carbon Tetrachloride	7.863	117	10091	4.043	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1249	1.489	ug/l #	1
70) Styrene	12.134	104	8802	1.405	ug/l #	81
76) 1,2,3-Trichloropropane	12.575	75	77900	49.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	77900	107.056	ug/l #	5

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

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Response via : Initial Calibration

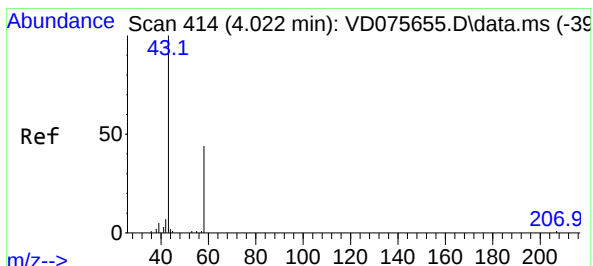
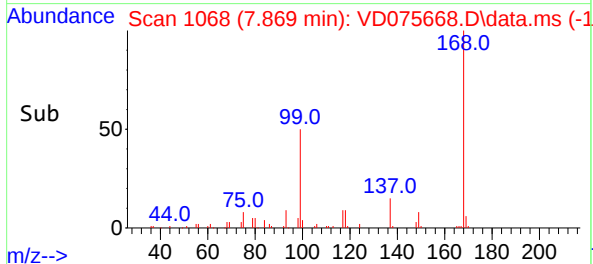
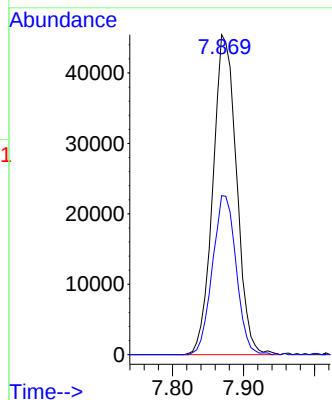
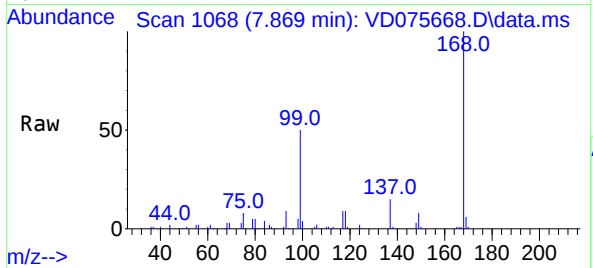




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

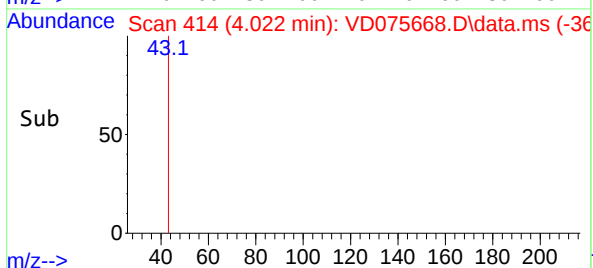
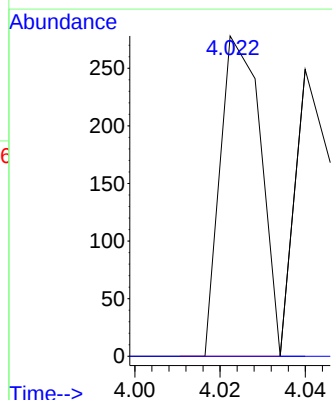
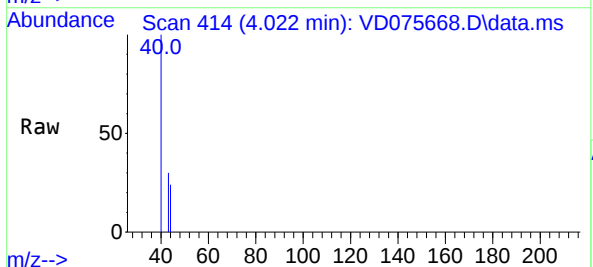
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

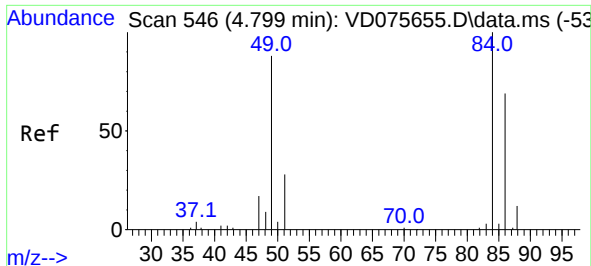
Tgt Ion:168 Resp: 105021
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#16
Acetone
Concen: 1.002 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

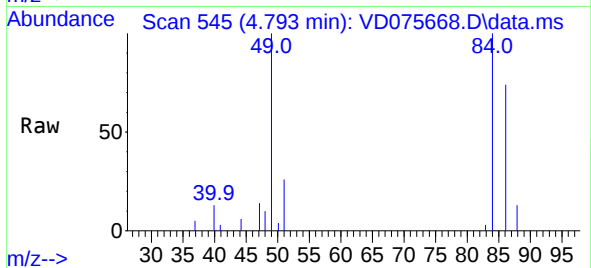
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





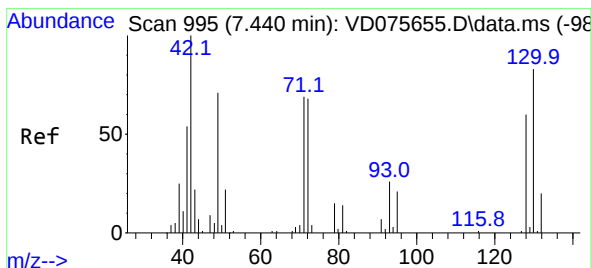
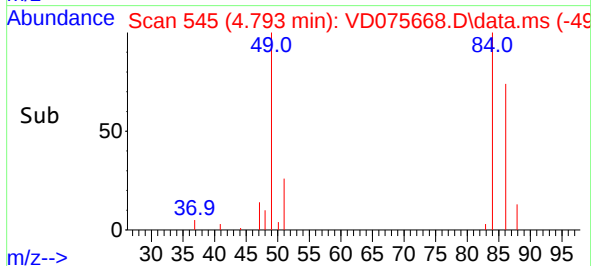
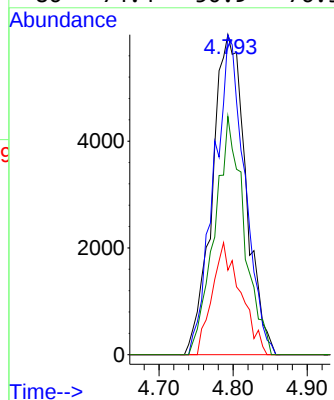
#20
Methylene Chloride
Concen: 9.626 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232



Tgt Ion: 84 Resp: 18860

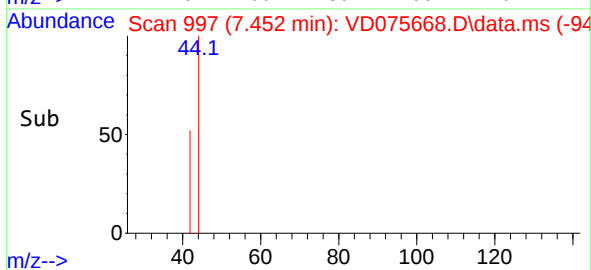
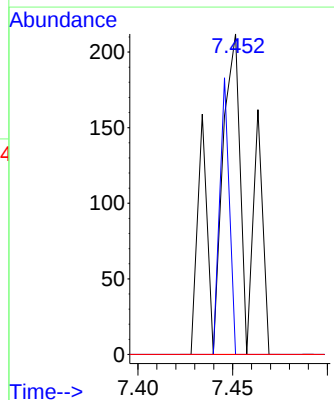
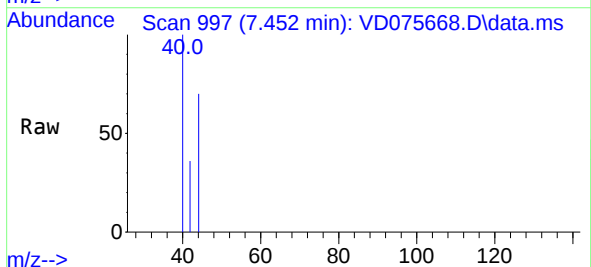
Ion	Ratio	Lower	Upper
84	100		
49	99.8	106.4	159.6#
51	26.4	32.4	48.6#
86	74.4	50.9	76.3

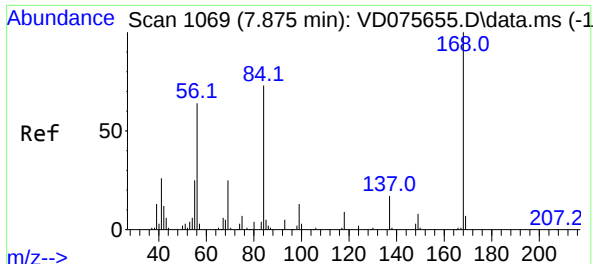


#29
Tetrahydrofuran
Concen: 1.898 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.012 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion: 42 Resp: 244

Ion	Ratio	Lower	Upper
42	100		
72	26.6	31.8	47.6#
71	0.0	27.6	41.4#

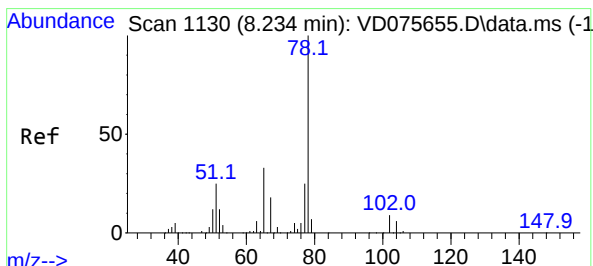
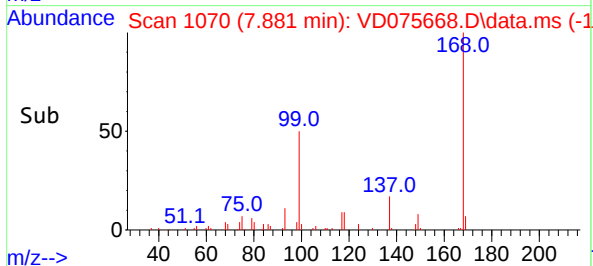
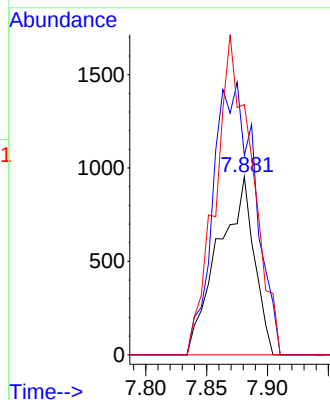
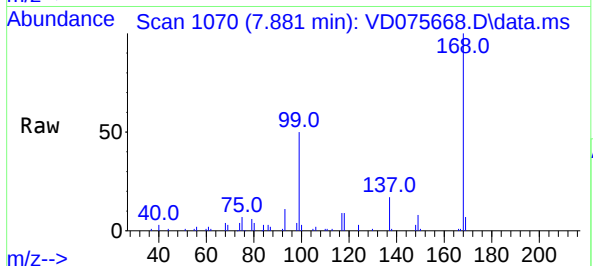




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

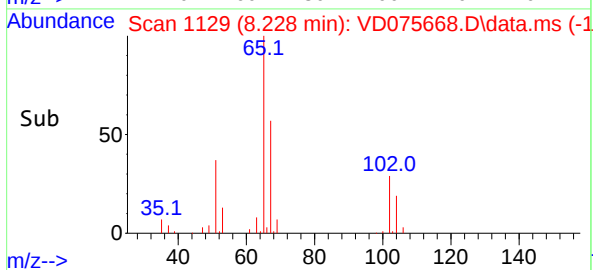
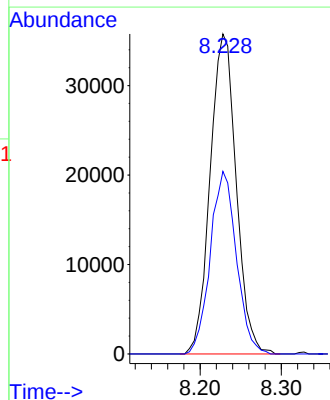
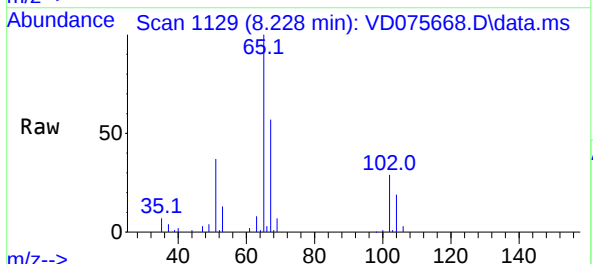
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

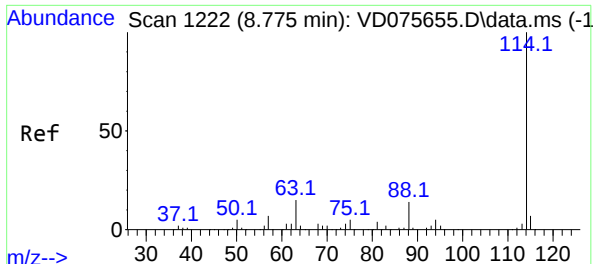
Tgt Ion: 56 Resp: 1948
Ion Ratio Lower Upper
56 100
69 112.1 25.5 38.3#
84 140.6 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 79.956 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion: 65 Resp: 79704
Ion Ratio Lower Upper
65 100
67 57.2 0.0 102.2

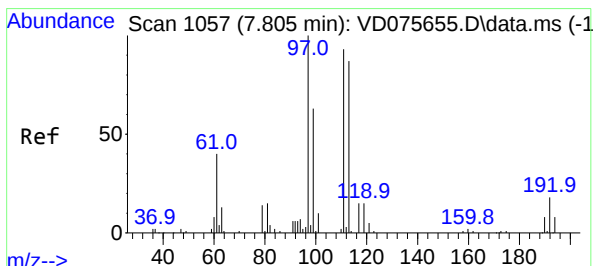
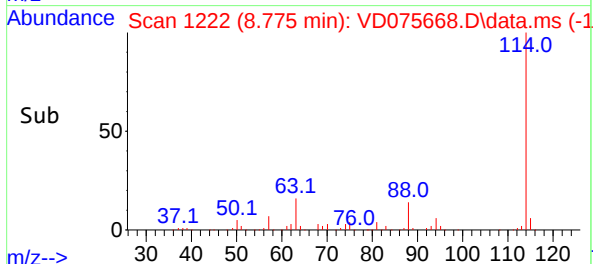
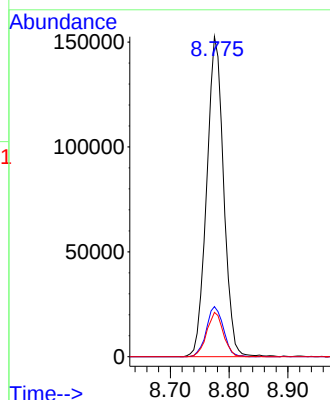
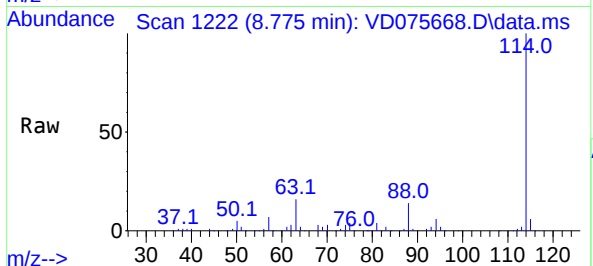




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

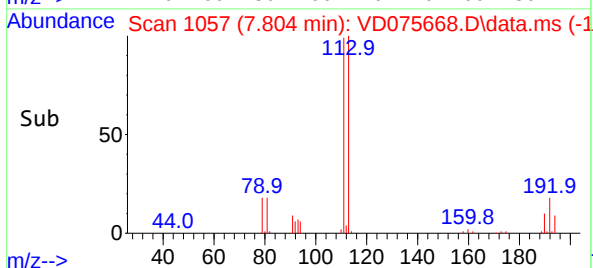
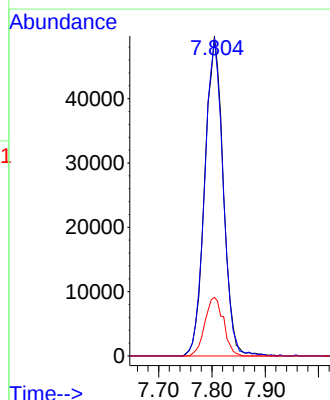
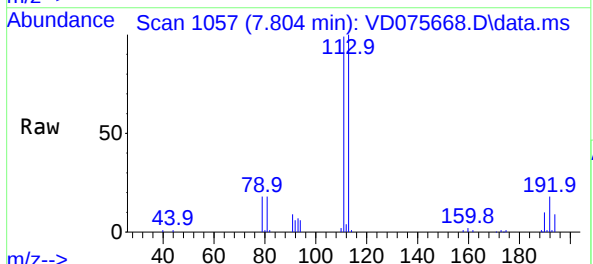
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

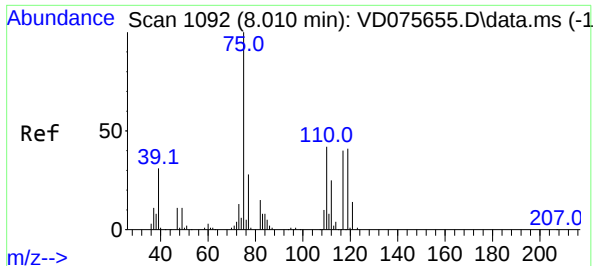
Tgt Ion:114 Resp: 305425
Ion Ratio Lower Upper
114 100
63 15.7 0.0 41.6
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.111 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion:113 Resp: 119377
Ion Ratio Lower Upper
113 100
111 99.1 81.4 122.0
192 18.5 15.2 22.8

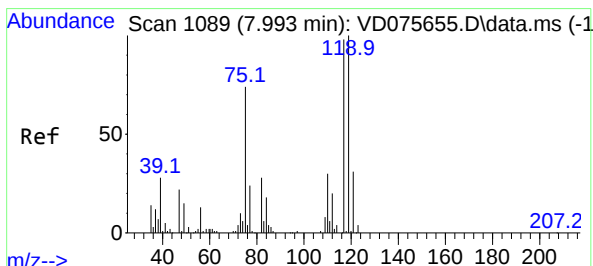
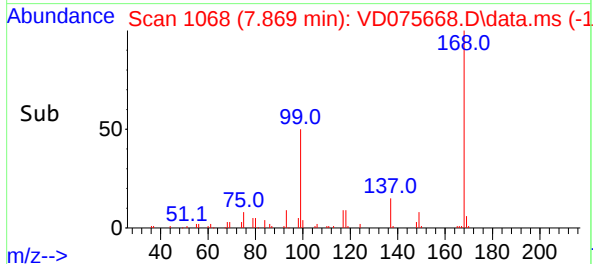
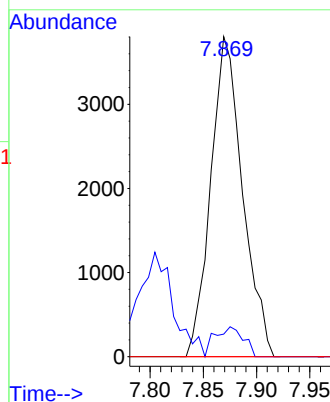
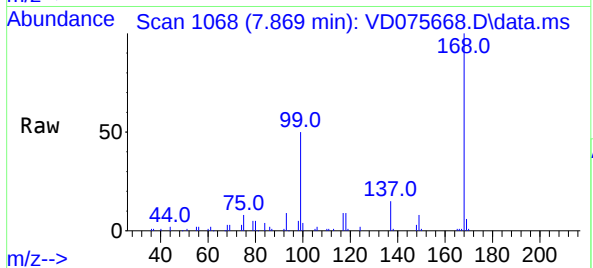




#36
1,1-Dichloropropene
Concen: 2.786 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

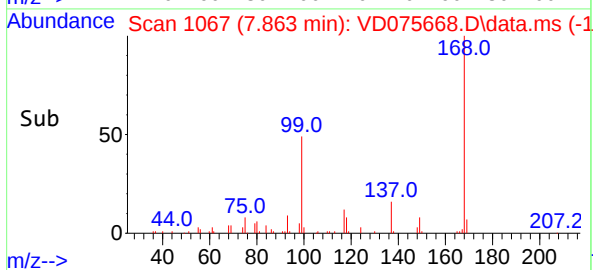
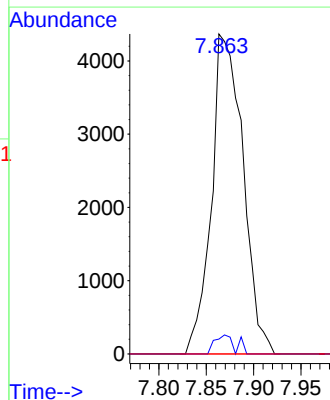
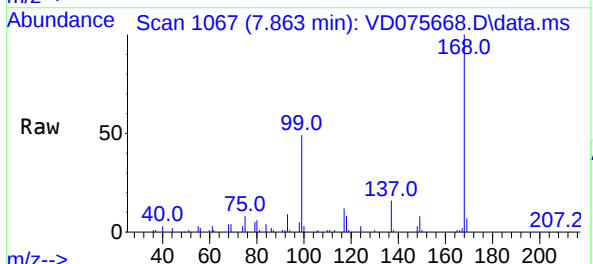
Instrument :
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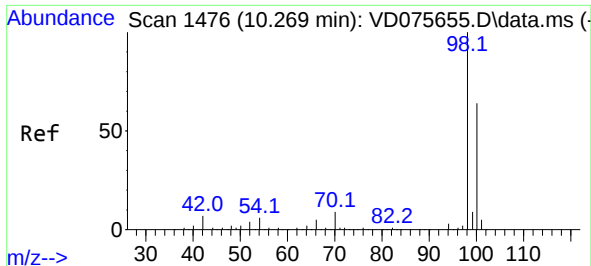
Tgt Ion:	75	Resp:	7896
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.6	36.8#



#38
Carbon Tetrachloride
Concen: 4.043 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion:	117	Resp:	10091
Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.7	112.1#
121	0.0	25.9	38.9#

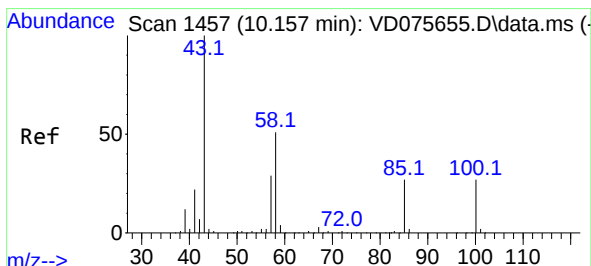
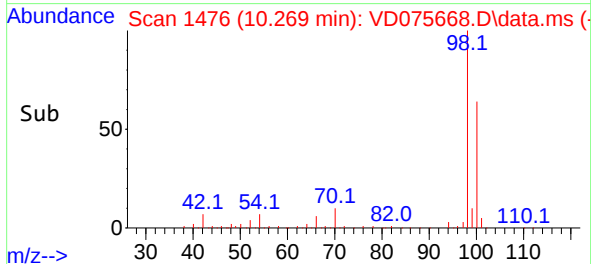
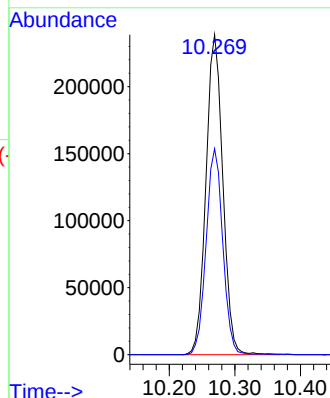
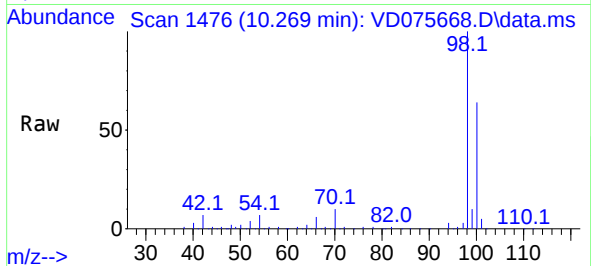




#50
Toluene-d8
Concen: 51.898 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

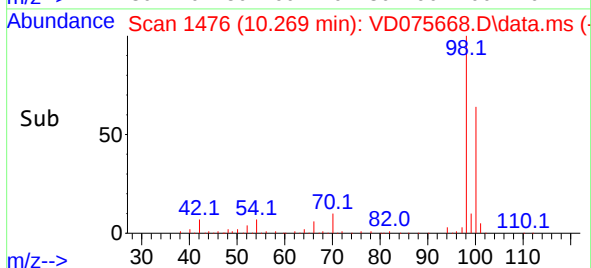
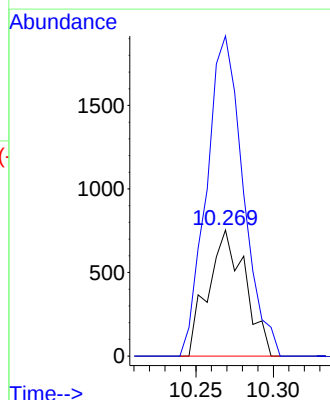
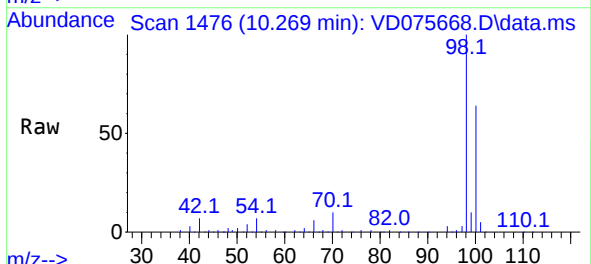
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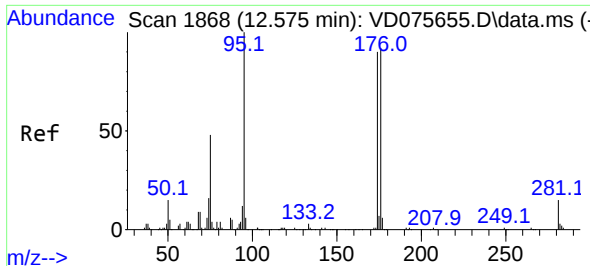
Tgt Ion: 98 Resp: 426945
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.489 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 252.4 29.5 44.3#

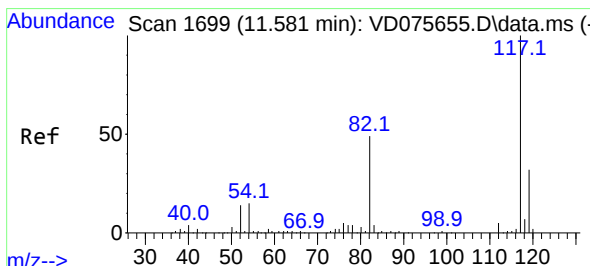
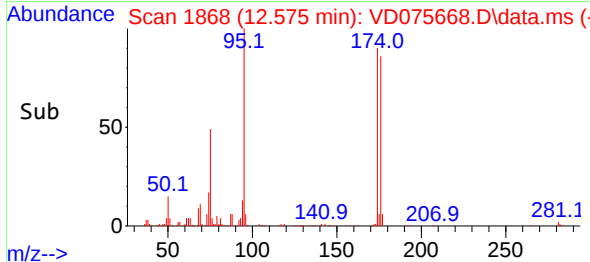
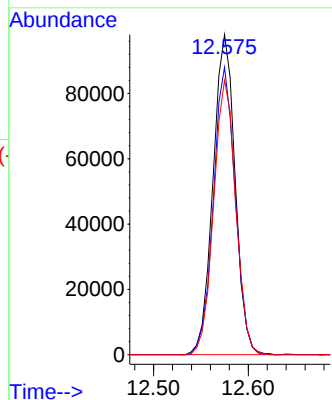
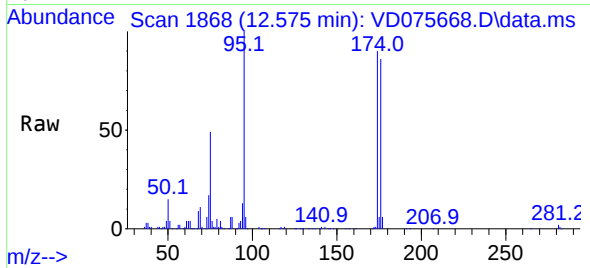




#62
4-Bromofluorobenzene
Concen: 72.248 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

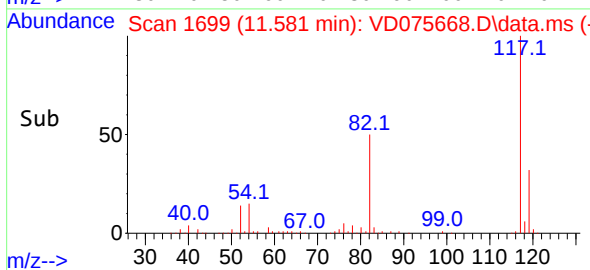
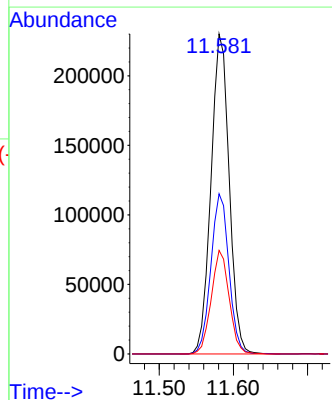
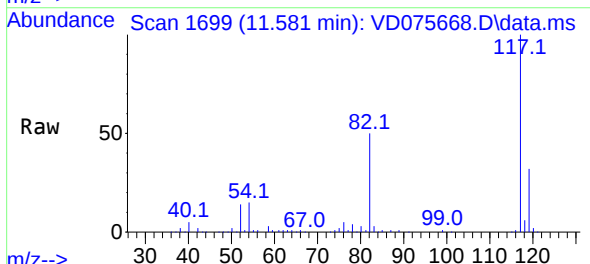
Instrument :
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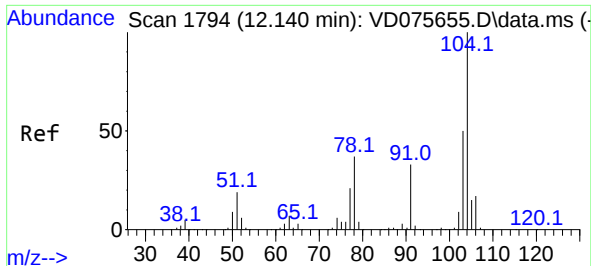
Tgt Ion: 95 Resp: 157978
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 86.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion: 117 Resp: 391616
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 32.4 25.1 37.7

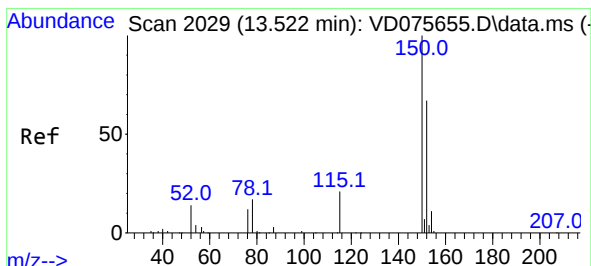
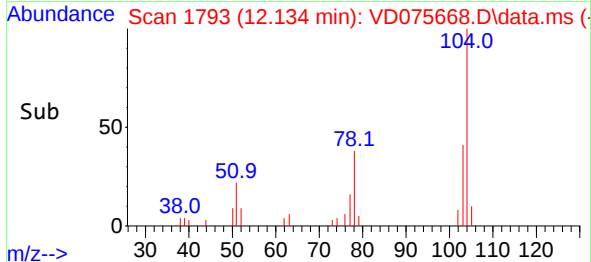
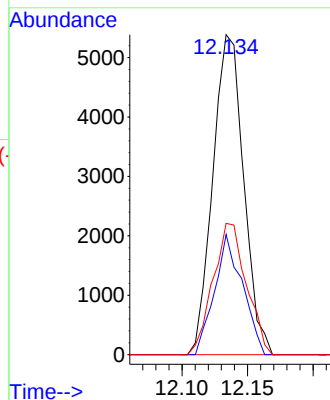
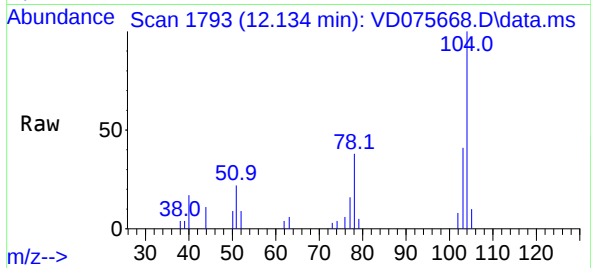




#70
Styrene
Concen: 1.405 ug/l
RT: 12.134 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

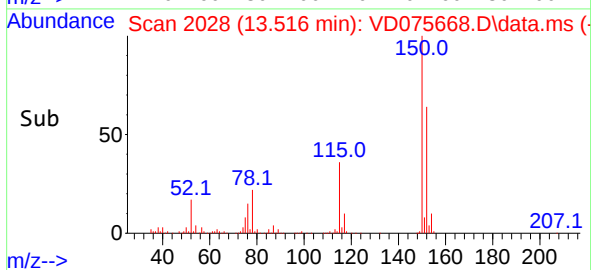
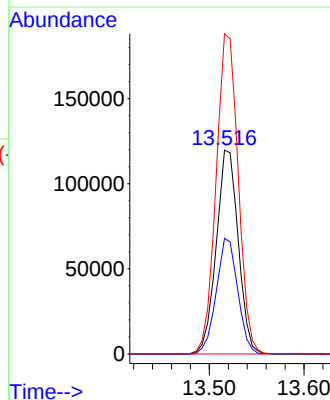
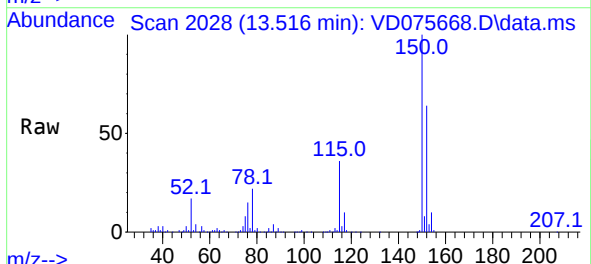
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

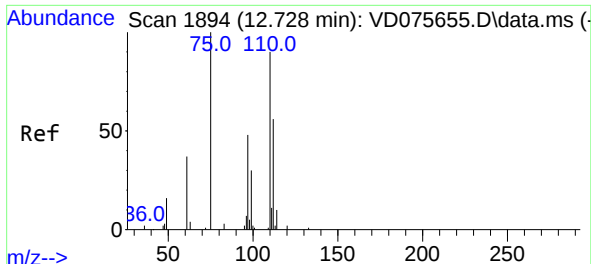
Tgt Ion:104 Resp: 8802
Ion Ratio Lower Upper
104 100
78 34.0 40.2 60.4#
103 44.4 44.2 66.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion:152 Resp: 193396
Ion Ratio Lower Upper
152 100
115 55.4 30.1 90.3
150 158.0 0.0 364.8

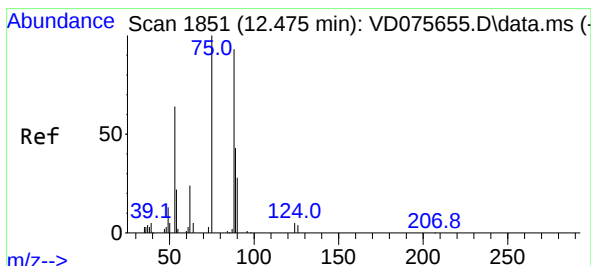
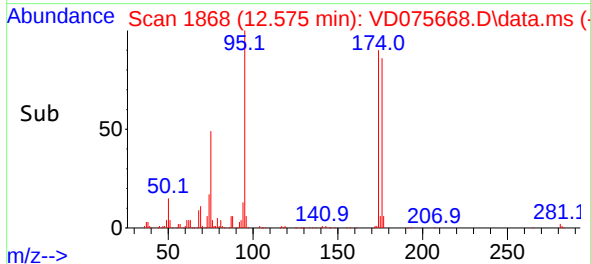
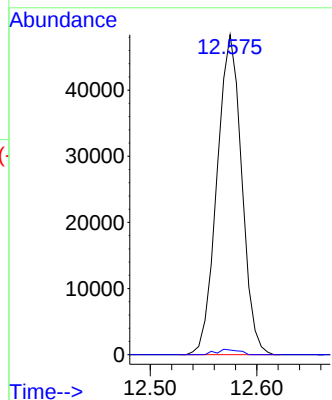
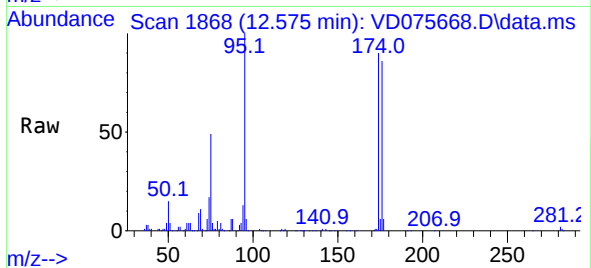




#76
1,2,3-Trichloropropane
Concen: 49.394 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tgt Ion: 75 Resp: 77900
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.056 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075668.D
Acq: 13 Apr 2023 19:04

Tgt Ion: 75 Resp: 77900
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

