

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076992.D
 Acq On : 14 Aug 2023 11:08
 Operator : JC/SY
 Sample : VD0814SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBL01

Quant Time: Aug 14 11:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

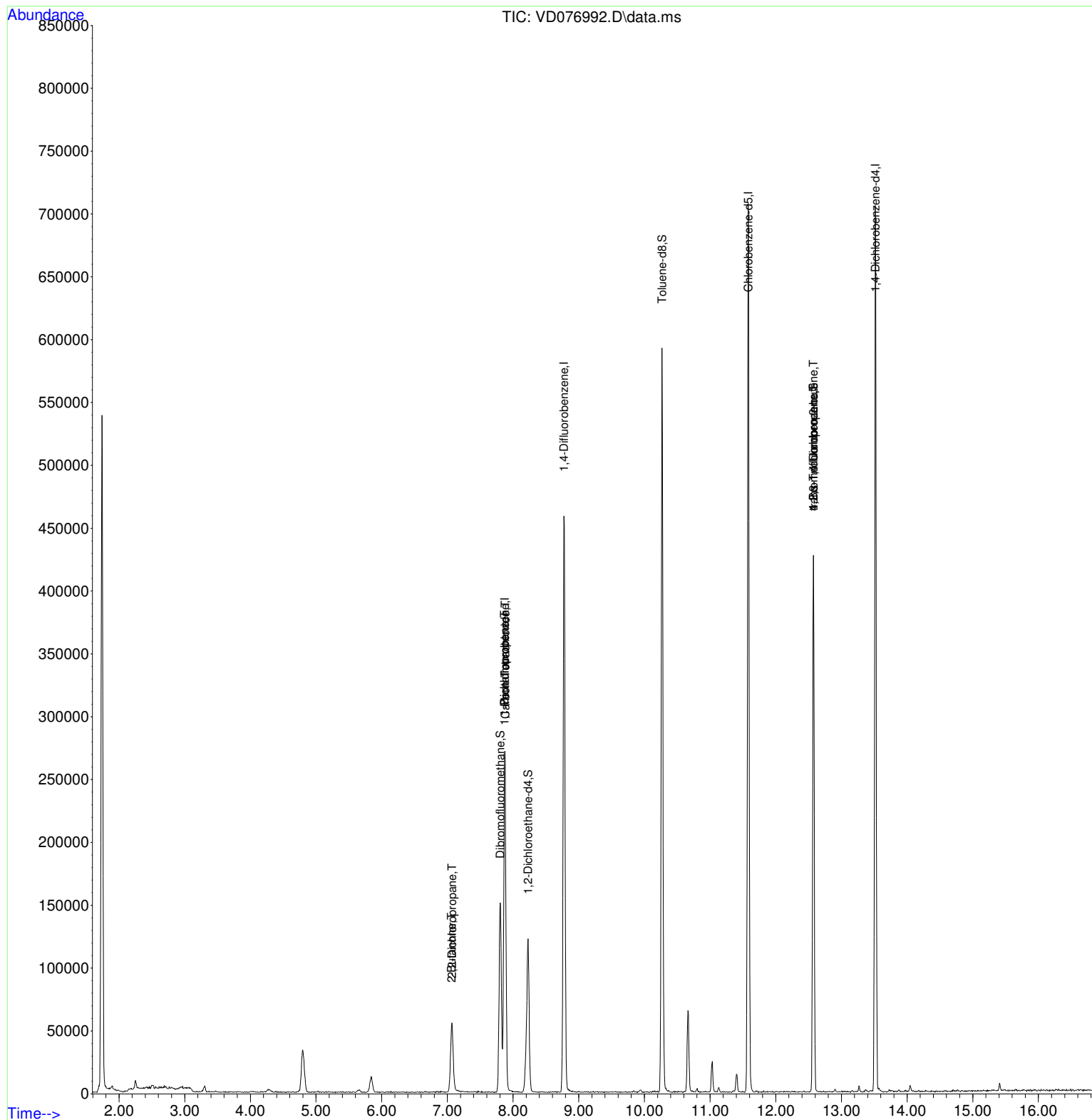
Internal Standards						
1) Pentafluorobenzene	7.875	168	219466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	436389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	423682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	186878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88949	51.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.76%
35) Dibromofluoromethane	7.804	113	111509	47.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.06%
50) Toluene-d8	10.269	98	412542	54.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.50%
62) 4-Bromofluorobenzene	12.575	95	124523	47.27	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.54%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.063	59	55	Below Cal	#	73
16) Acetone	4.028	43	1205	Below Cal	#	32
20) Methylene Chloride	4.793	84	29066	Below Cal		86
25) 2-Butanone	7.063	43	2713	4.68	ug/l #	37
26) 2,2-Dichloropropane	7.069	77	4650	1.33	ug/l #	49
31) Cyclohexane	7.869	56	4153	Below Cal	#	40
36) 1,1-Dichloropropene	7.869	75	16708	5.76	ug/l #	47
38) Carbon Tetrachloride	7.881	117	21099	6.80	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	61600	35.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	61600	82.55	ug/l #	17

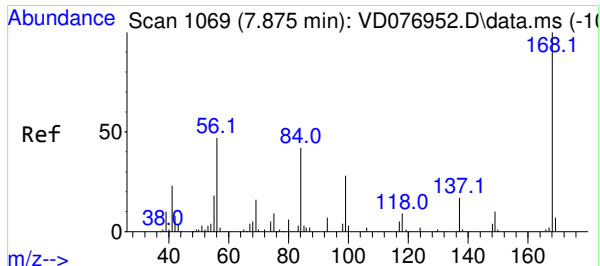
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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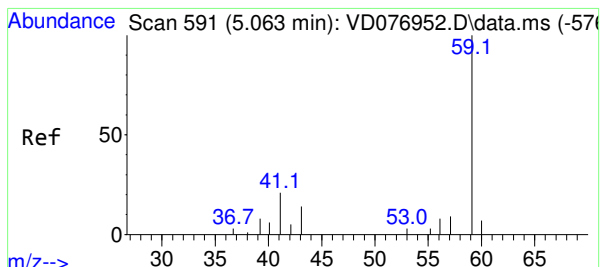
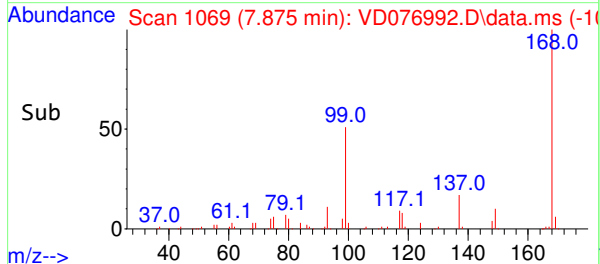
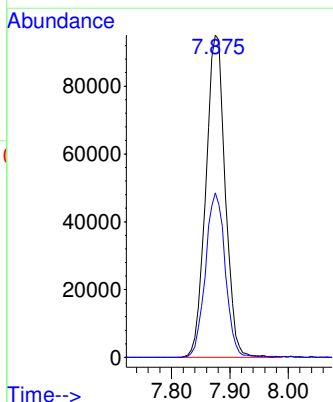
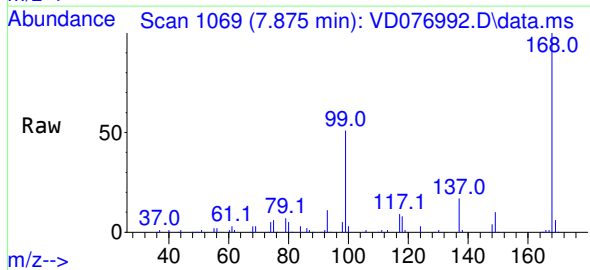




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

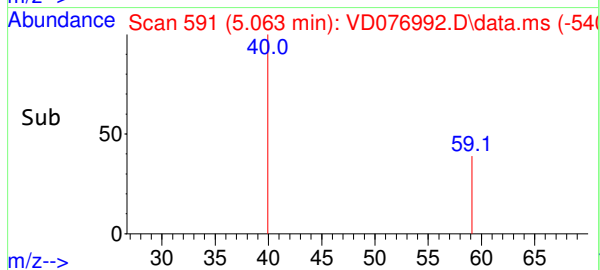
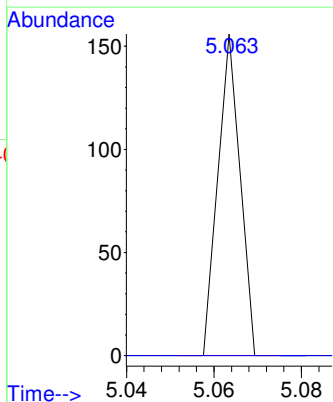
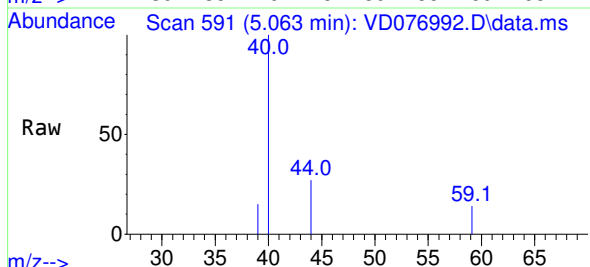
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

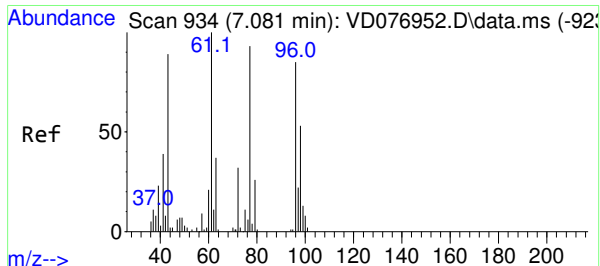
Tgt Ion:168 Resp: 219466
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

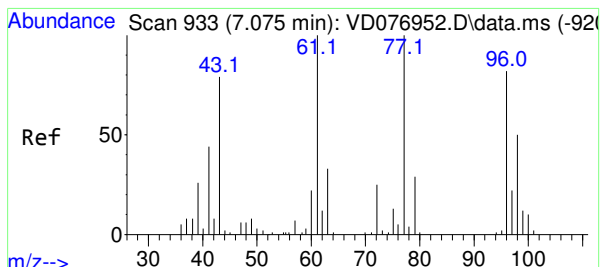
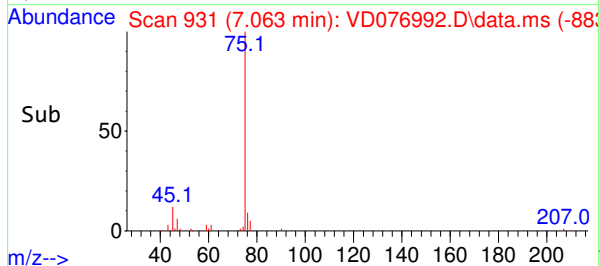
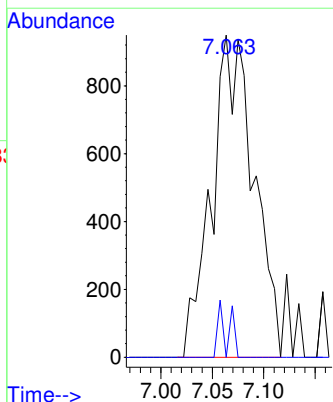
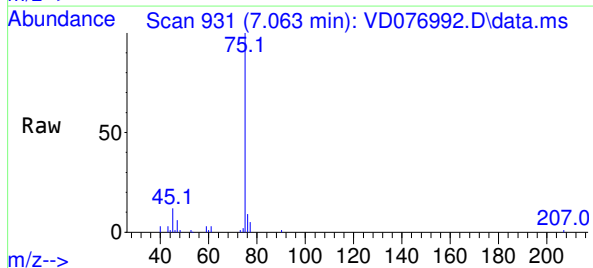




#25
2-Butanone
Concen: 4.68 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

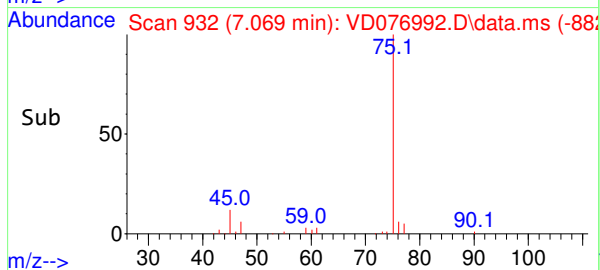
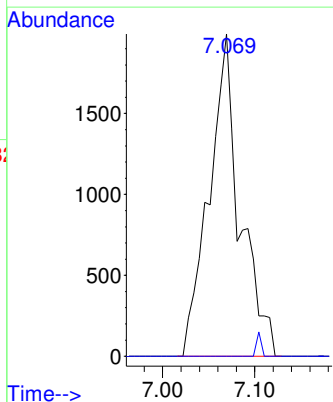
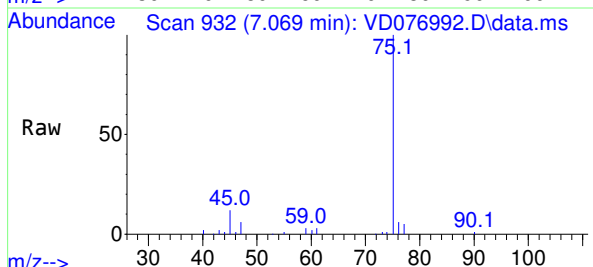
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

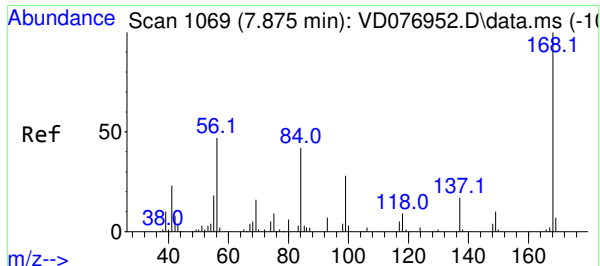
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.33 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 77 Resp: 4650
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

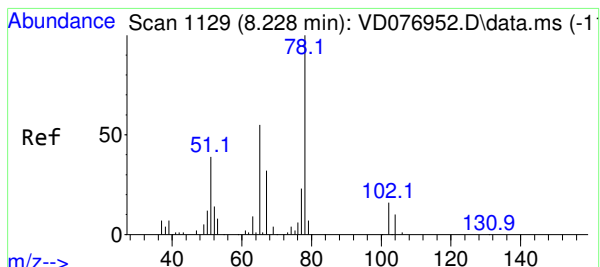
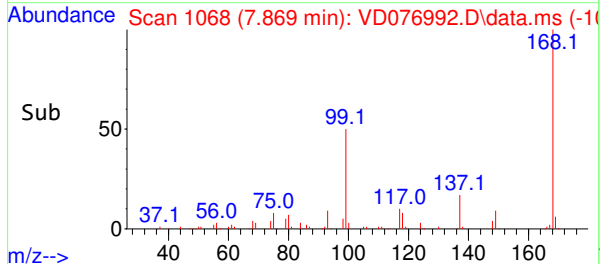
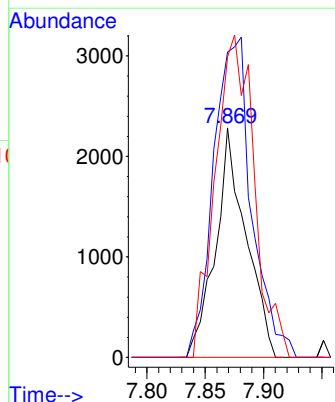
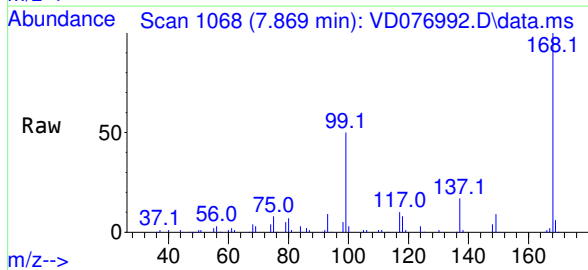




#31
Cyclohexane
Concen: Below Cal
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

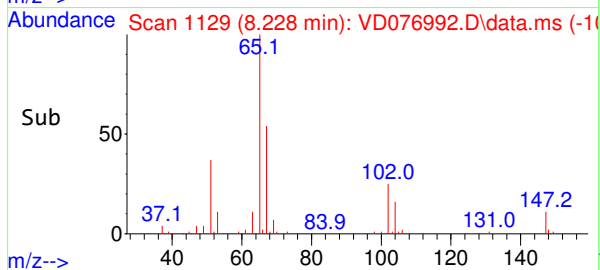
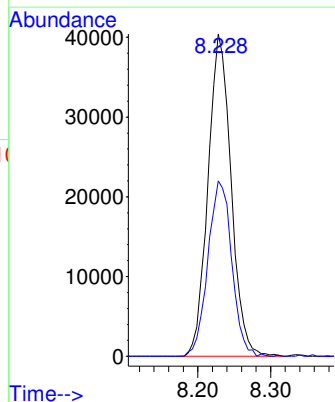
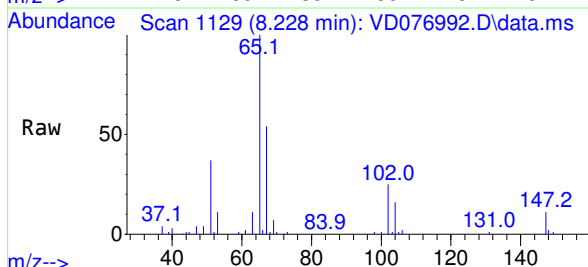
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

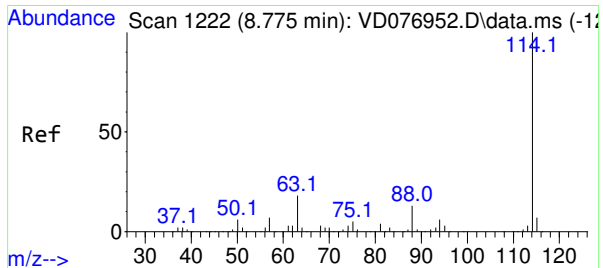
Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 132.9 28.6 43.0#
84 130.9 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 51.38 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 65 Resp: 88949
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0

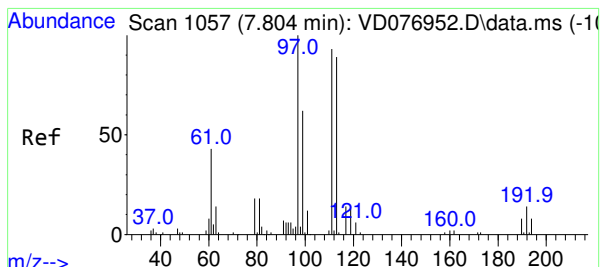
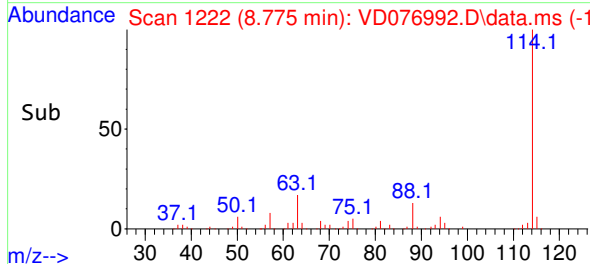
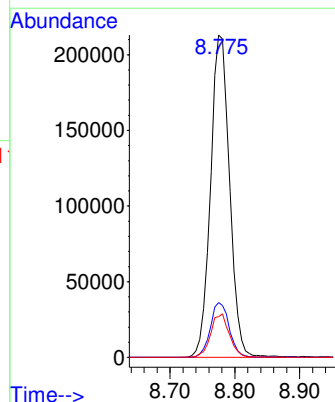
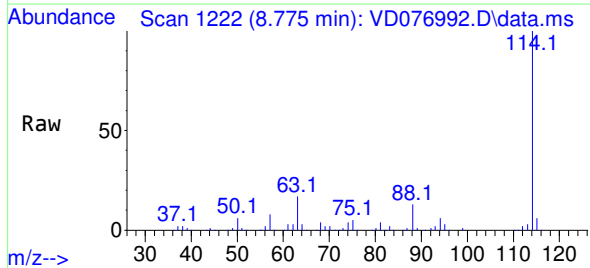




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

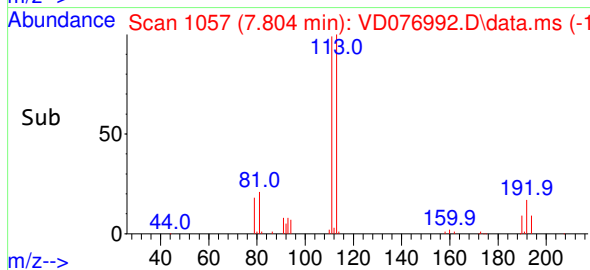
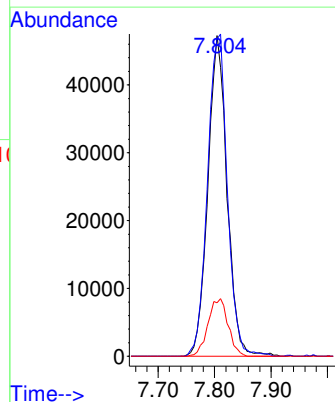
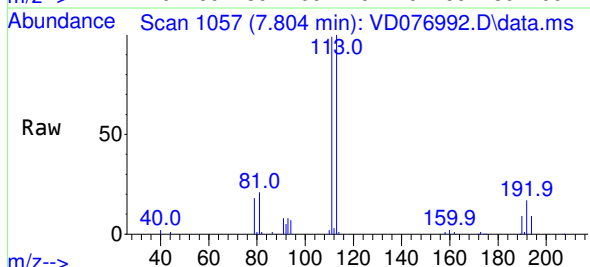
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

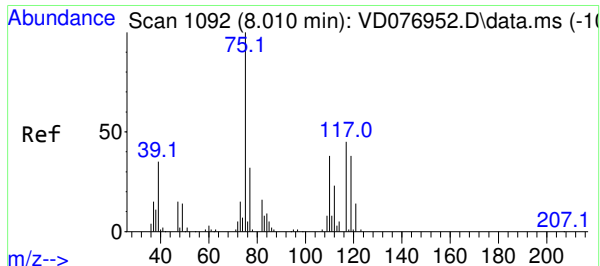
Tgt Ion:	114	Resp:	436389
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.4
88	12.6	0.0	26.2



#35
Dibromofluoromethane
Concen: 47.53 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion:	113	Resp:	111509
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	18.9	16.8	25.2

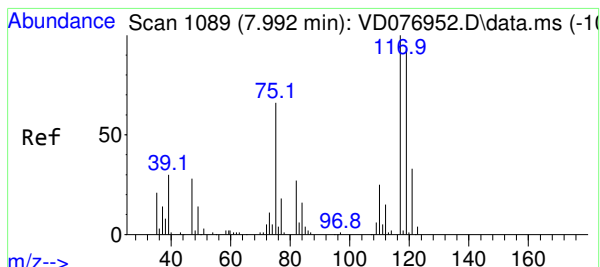
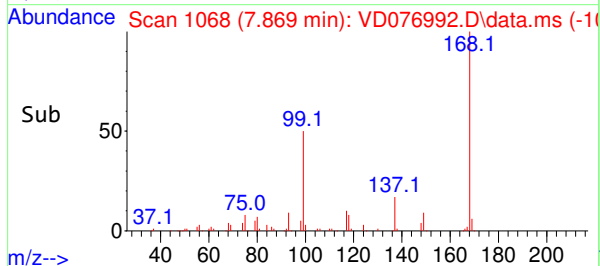
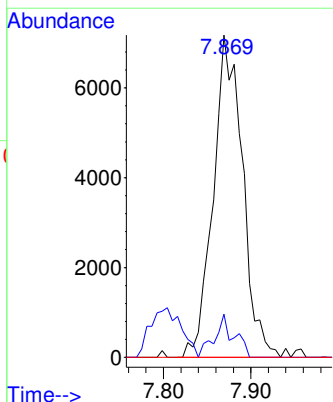
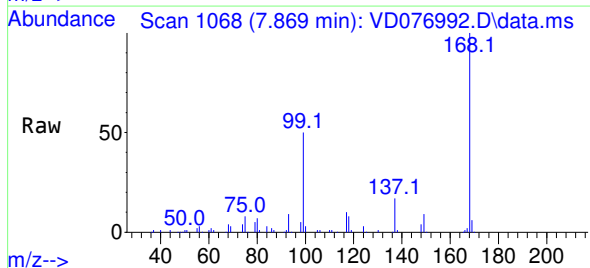




#36
1,1-Dichloropropene
Concen: 5.76 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.141 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

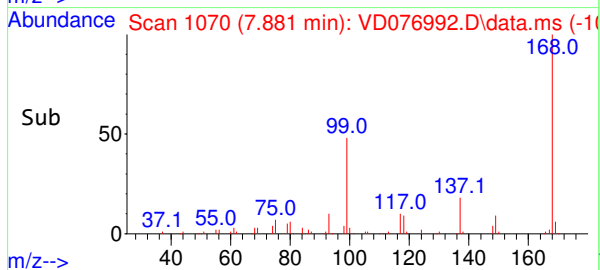
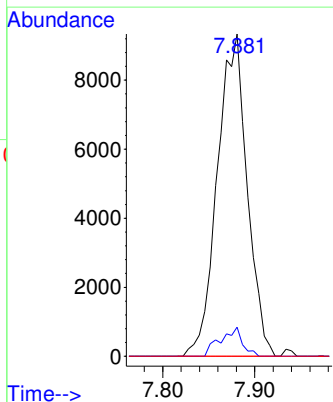
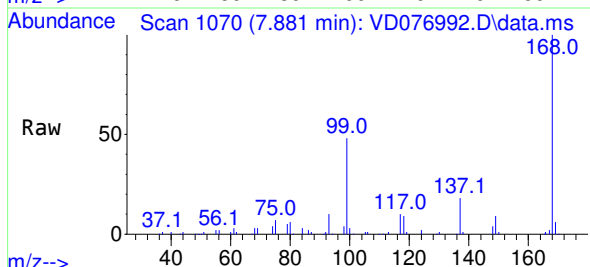
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

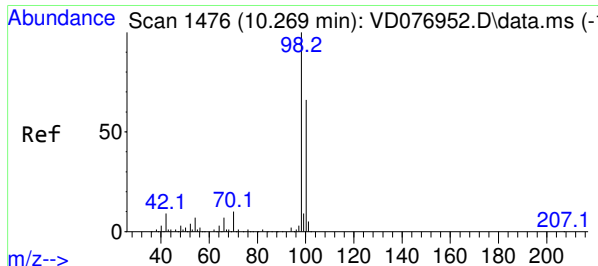
Tgt Ion: 75 Resp: 16708
Ion Ratio Lower Upper
75 100
110 8.9 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.80 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.111 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 117 Resp: 21099
Ion Ratio Lower Upper
117 100
119 9.0 78.0 117.0#
121 0.0 24.2 36.2#

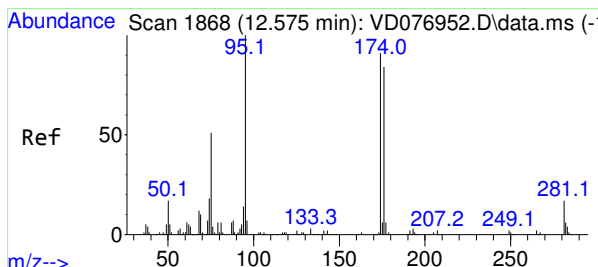
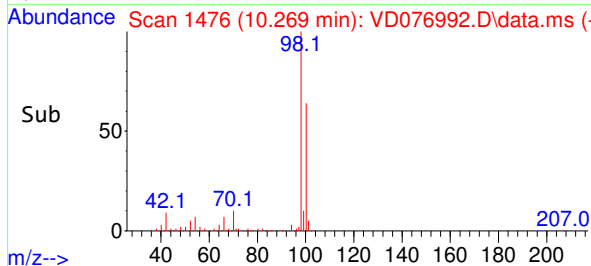
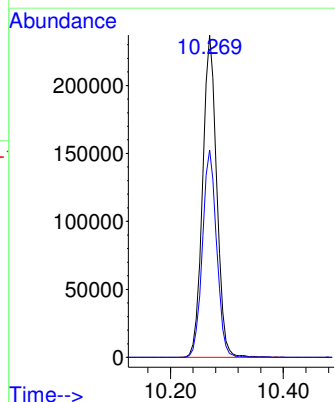
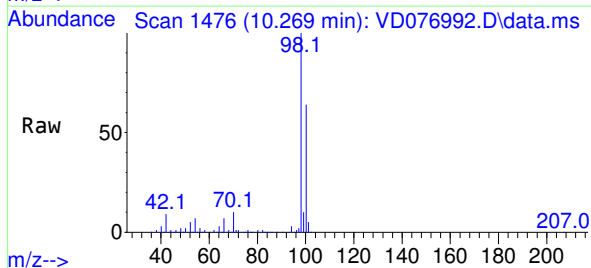




#50
Toluene-d8
Concen: 54.75 ug/l
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

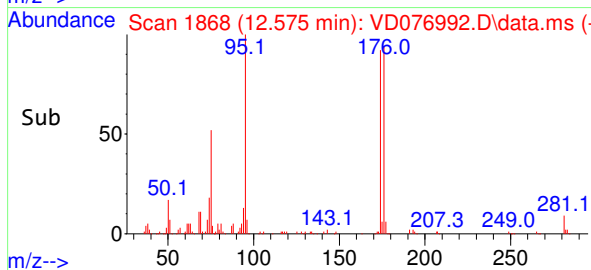
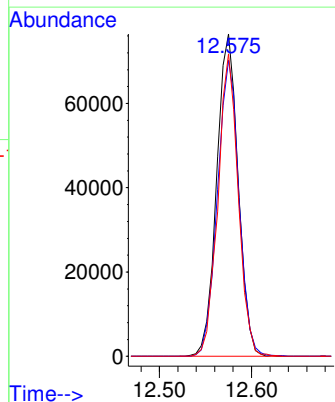
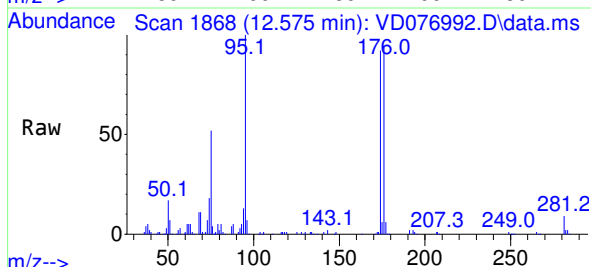
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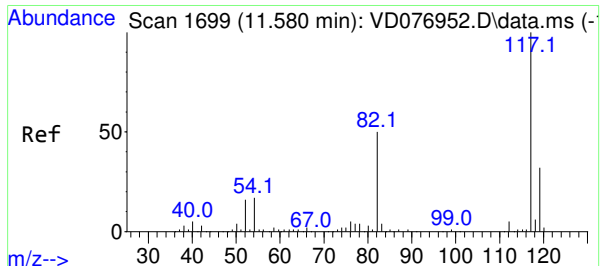
Tgt Ion: 98 Resp: 412542
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.27 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 95 Resp: 124523
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 88.8 0.0 191.8

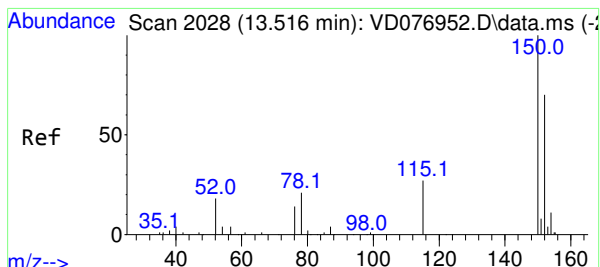
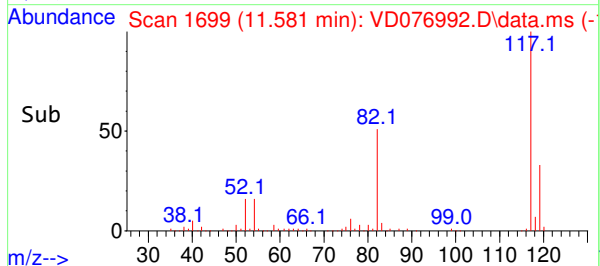
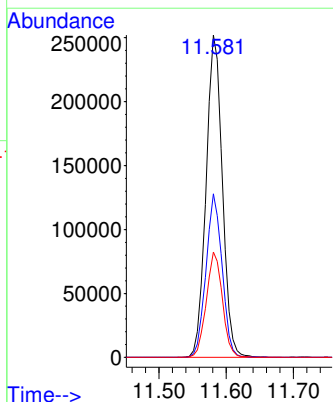
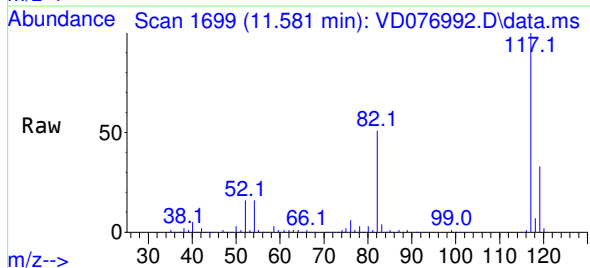




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

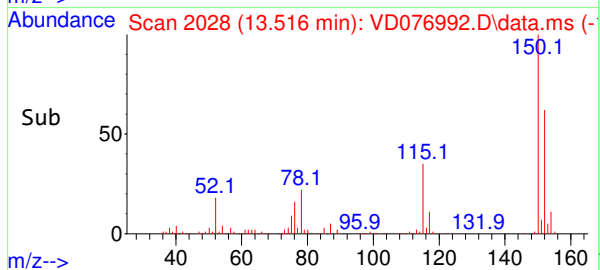
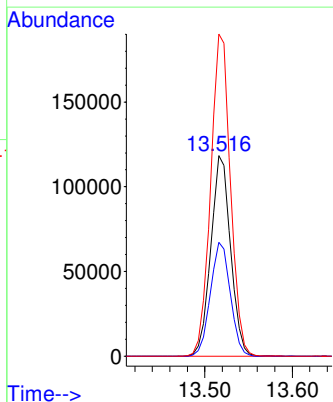
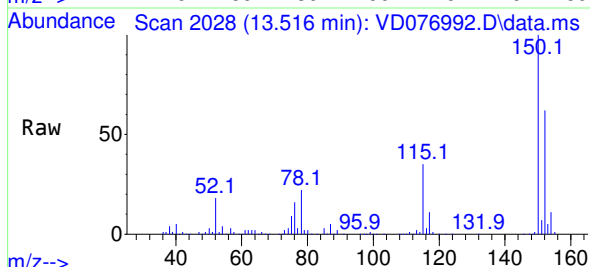
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

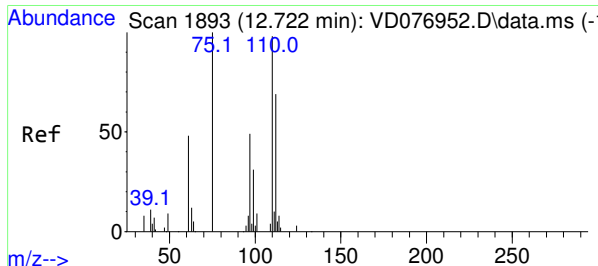
Tgt Ion:117 Resp: 423682
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion:152 Resp: 186878
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 160.5 0.0 353.6

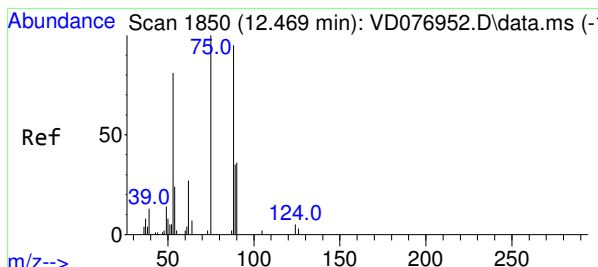
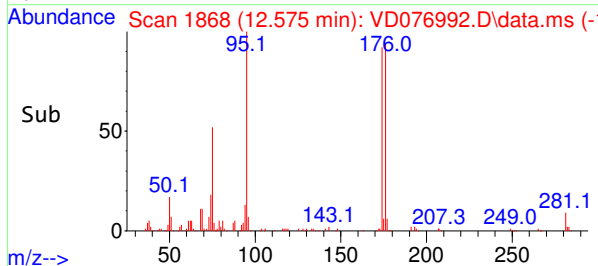
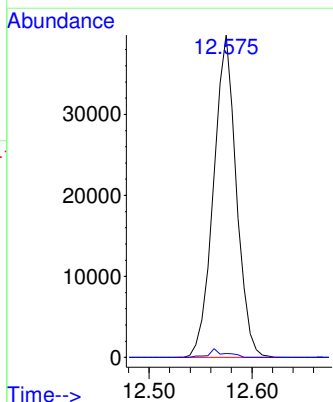
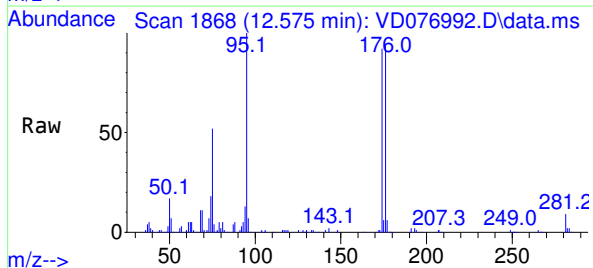




#76
1,2,3-Trichloropropane
Concen: 35.14 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

Tgt Ion: 75 Resp: 61600
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.55 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076992.D
Acq: 14 Aug 2023 11:08

Tgt Ion: 75 Resp: 61600
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

