

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076995.D
 Acq On : 14 Aug 2023 12:30
 Operator : JC/SY
 Sample : 03952-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-1-080923

Quant Time: Aug 14 13:03:24 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)

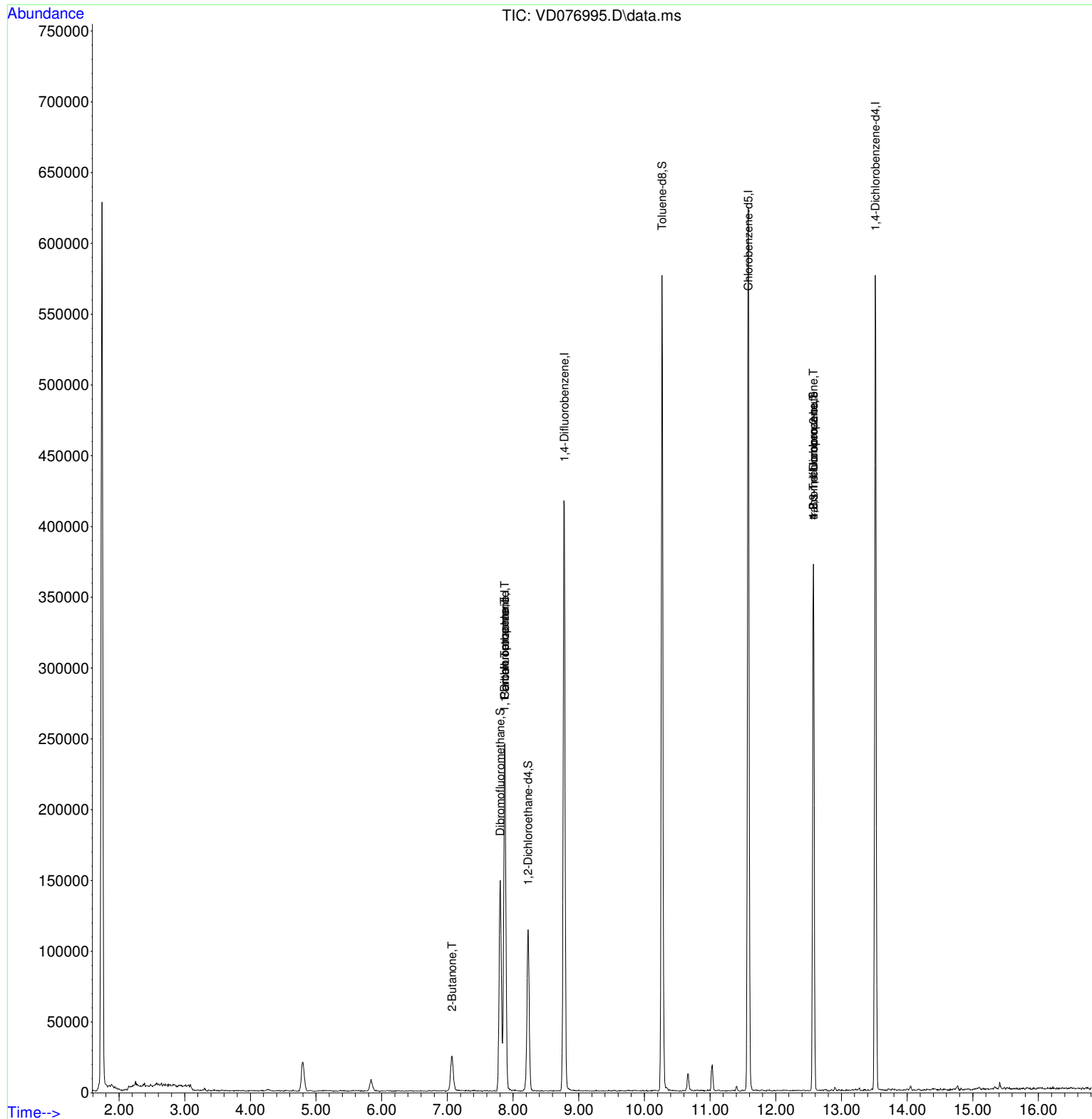
Internal Standards						
1) Pentafluorobenzene	7.875	168	198879	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	393126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86889	55.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.76%		
35) Dibromofluoromethane	7.804	113	108140	51.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.34%		
50) Toluene-d8	10.269	98	398862	58.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	117.52%		
62) 4-Bromofluorobenzene	12.575	95	113524	47.84	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.68%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.058	59	58	Below Cal	#	73
16) Acetone	4.028	43	240	Below Cal	#	32
20) Methylene Chloride	4.793	84	16821	Below Cal	#	88
25) 2-Butanone	7.069	43	1044	1.99	ug/l	# 37
31) Cyclohexane	7.875	56	4622	Below Cal	#	57
36) 1,1-Dichloropropene	7.869	75	14785	5.66	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	18997	6.79	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	58321	39.51	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	58321	92.81	ug/l	# 17

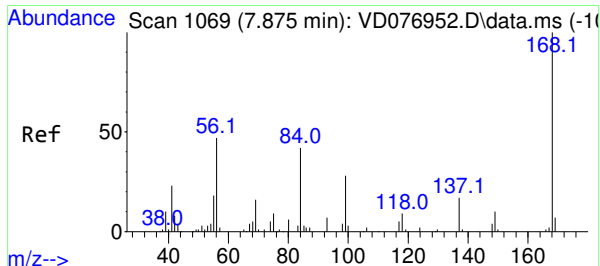
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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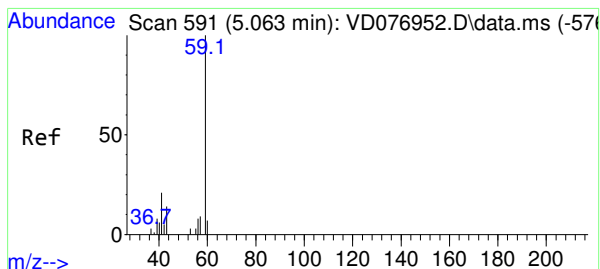
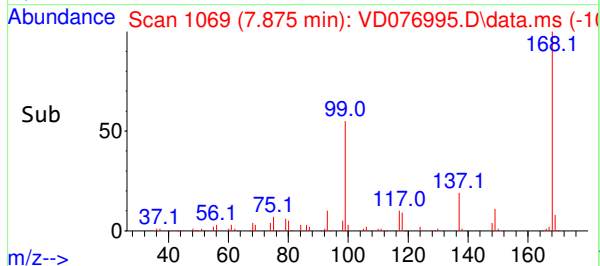
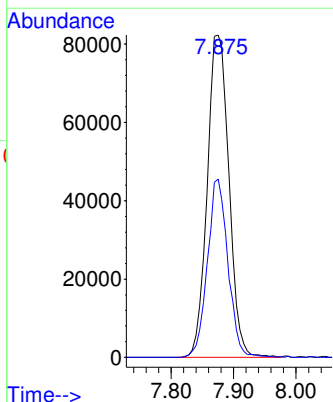
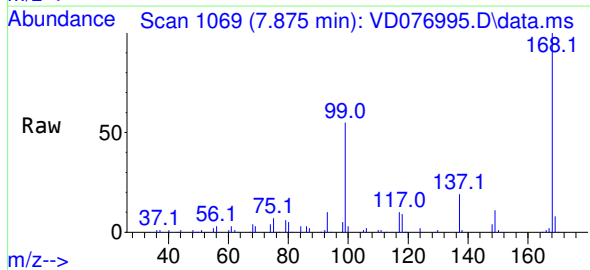




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

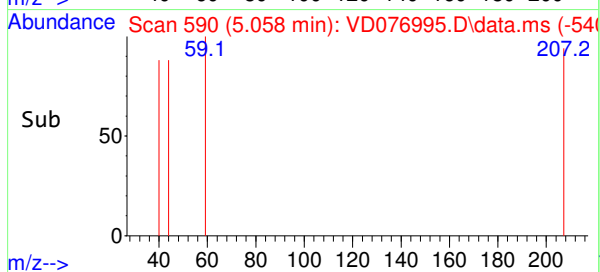
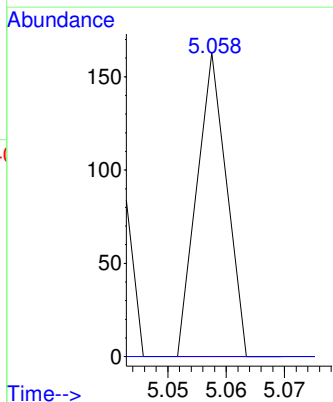
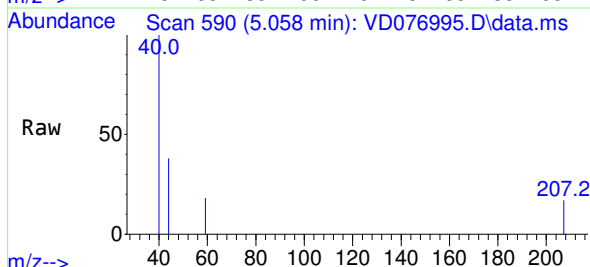
Instrument :
MSVOA_D
ClientSampleId :
OK-1-080923

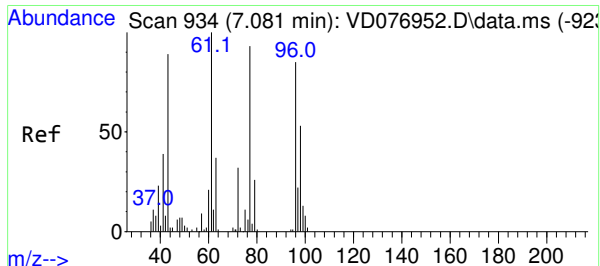
Tgt Ion:168 Resp: 198879
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 590
Delta R.T. -0.005 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

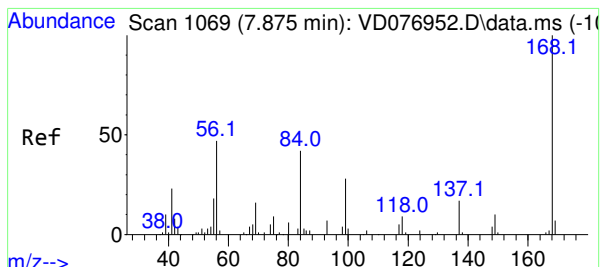
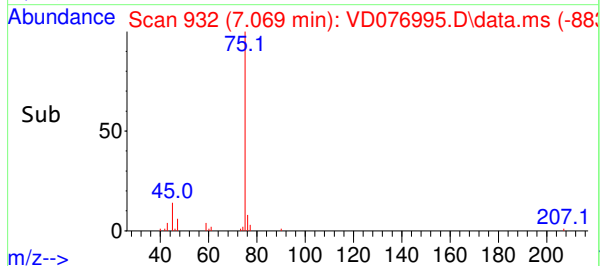
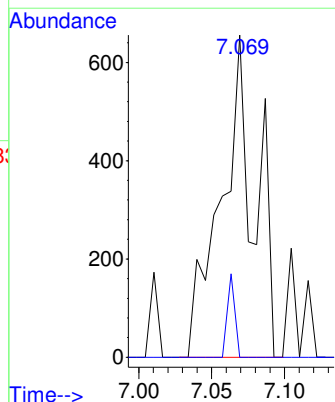
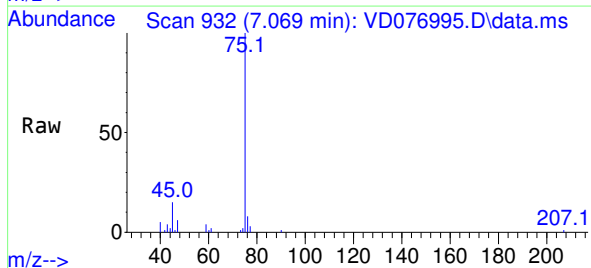




#25
2-Butanone
Concen: 1.99 ug/l
RT: 7.069 min Scan# 934
Delta R.T. -0.012 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

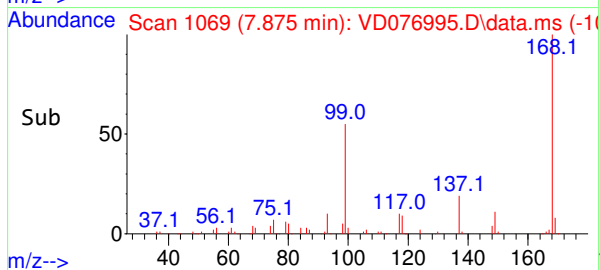
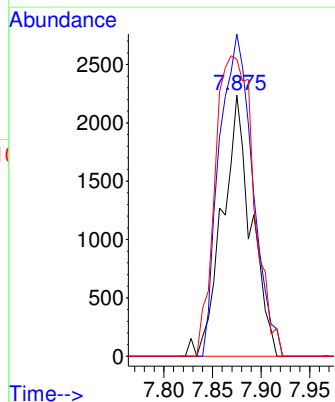
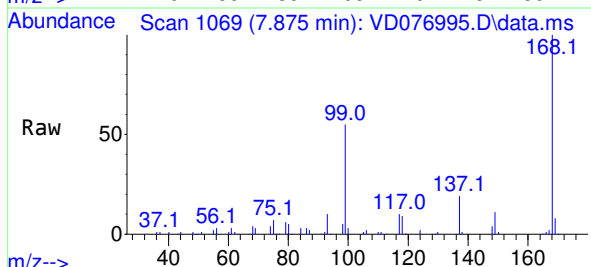
Instrument :
MSVOA_D
ClientSampleId :
OK-1-080923

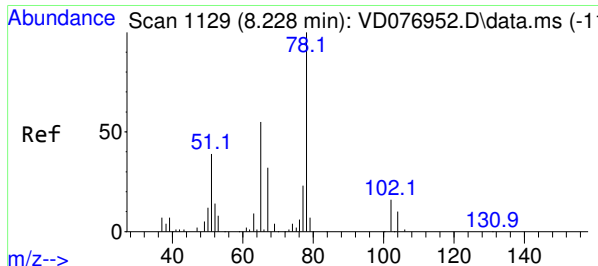
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: Below Cal
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion: 56 Resp: 4622
Ion Ratio Lower Upper
56 100
69 123.4 28.6 43.0#
84 113.7 84.8 127.2

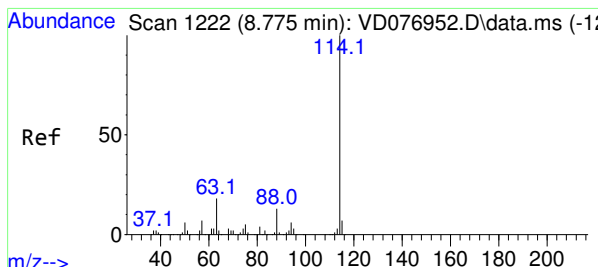
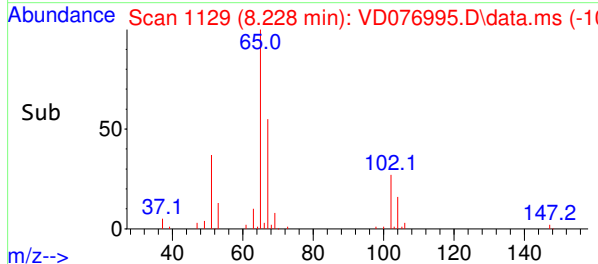
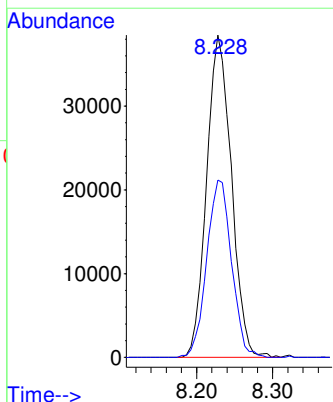
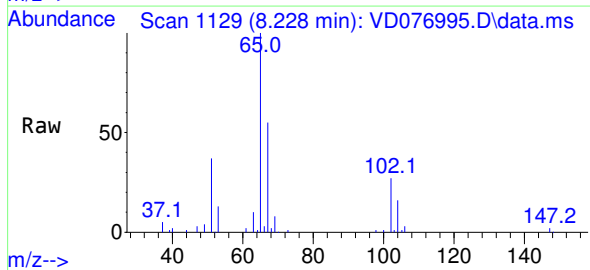




#33
1,2-Dichloroethane-d4
Concen: 55.38 ug/l
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

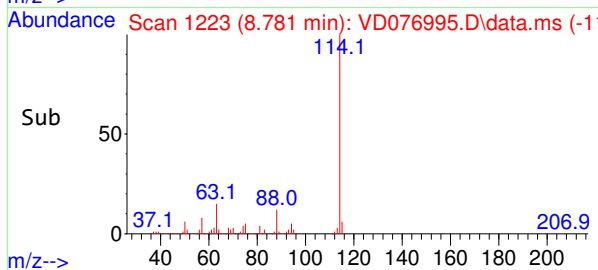
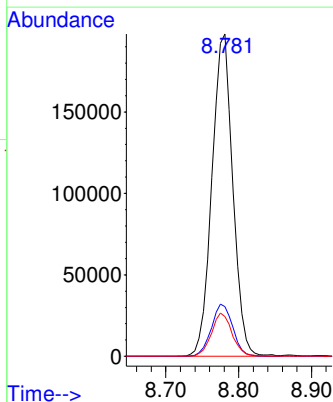
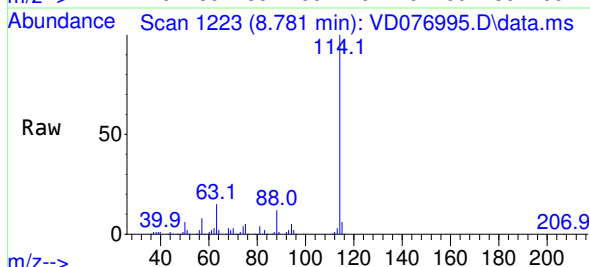
Instrument :
MSVOA_D
ClientSampleId :
OK-1-080923

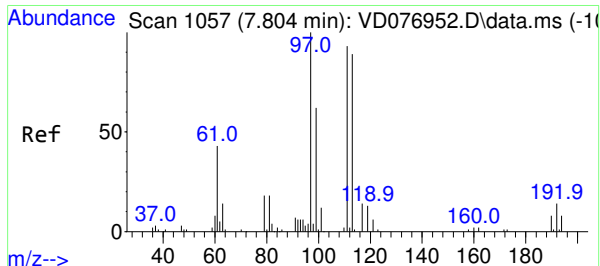
Tgt Ion: 65 Resp: 86889
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion:114 Resp: 393126
Ion Ratio Lower Upper
114 100
63 15.4 0.0 33.4
88 12.3 0.0 26.2

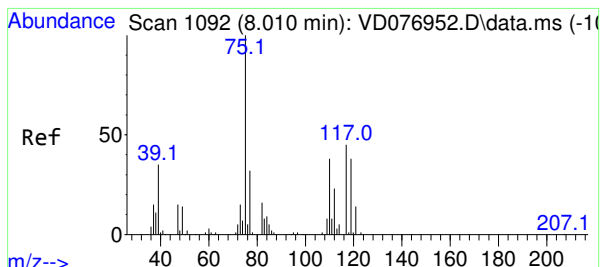
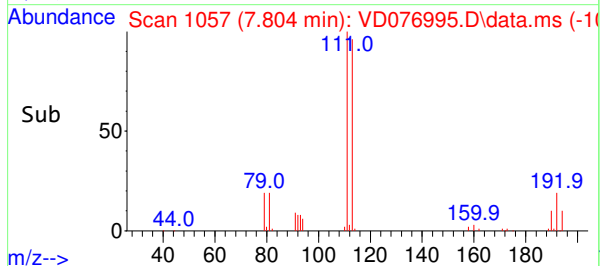
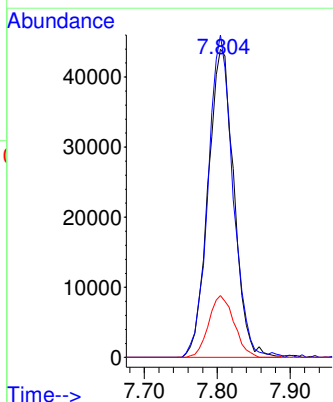
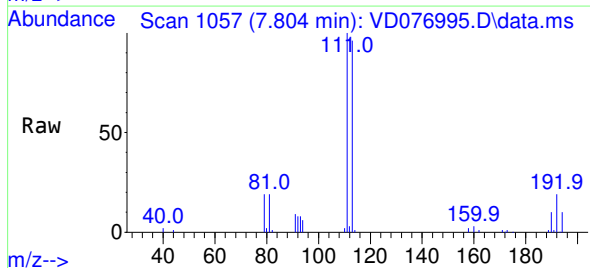




#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 7.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

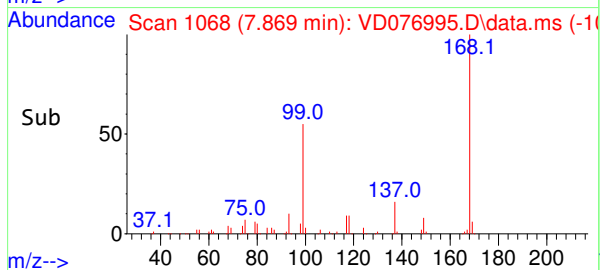
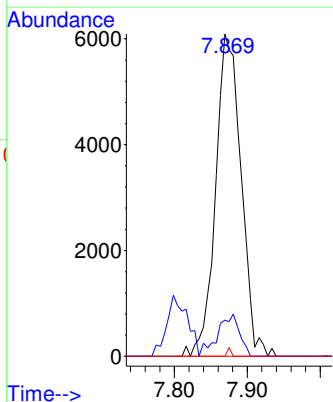
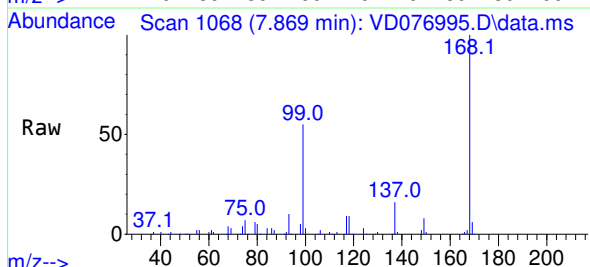
Instrument :
MSVOA_D
ClientSampleId :
OK-1-080923

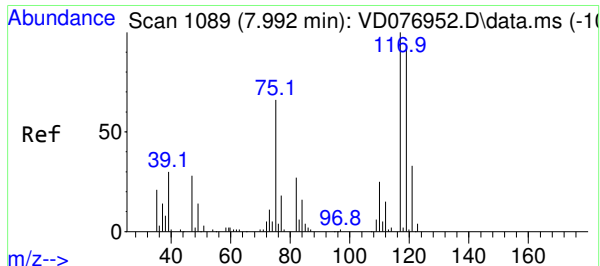
Tgt Ion:113 Resp: 108140
Ion Ratio Lower Upper
113 100
111 100.4 84.7 127.1
192 19.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.66 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion: 75 Resp: 14785
Ion Ratio Lower Upper
75 100
110 10.3 19.9 59.6#
77 0.4 24.7 37.1#

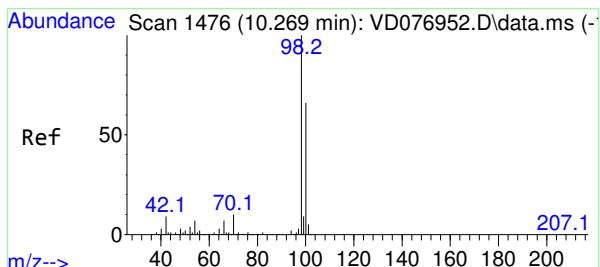
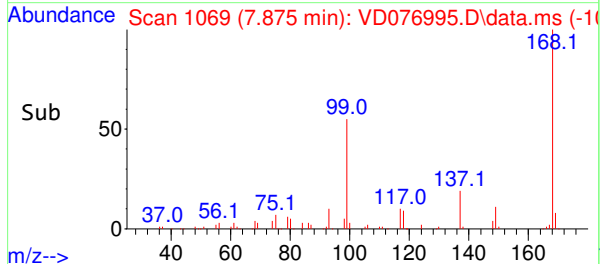
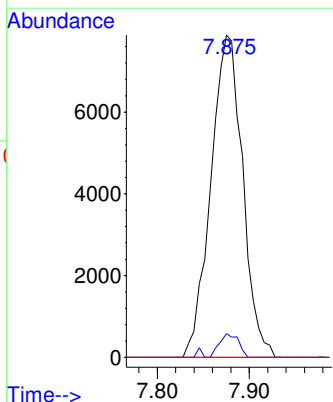
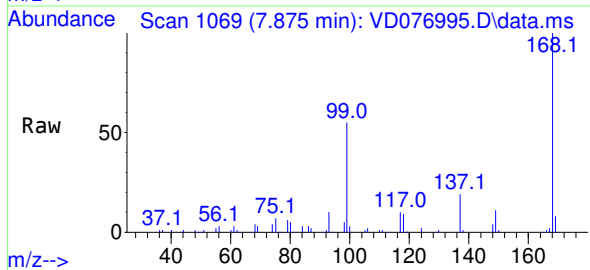




#38
Carbon Tetrachloride
Concen: 6.79 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.117 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

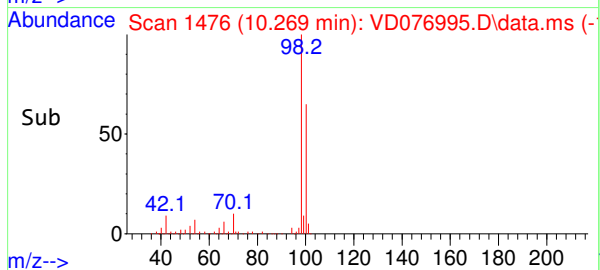
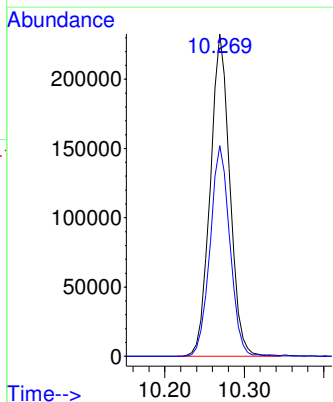
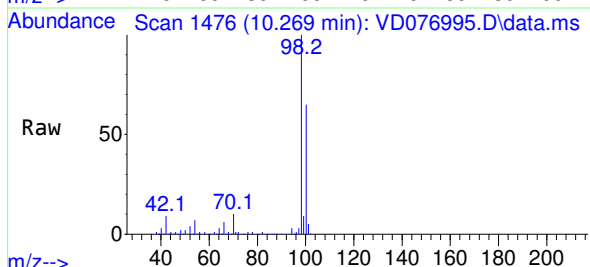
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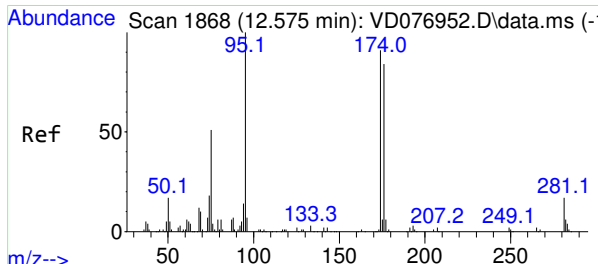
Tgt Ion: 117 Resp: 18997
Ion Ratio Lower Upper
117 100
119 7.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 58.76 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion: 98 Resp: 398862
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5

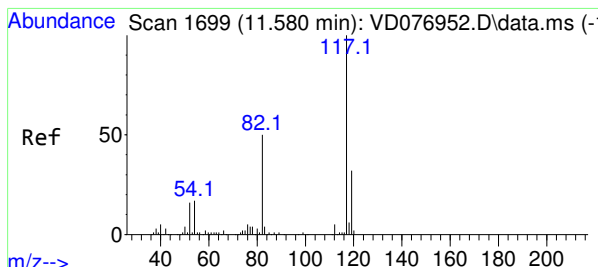
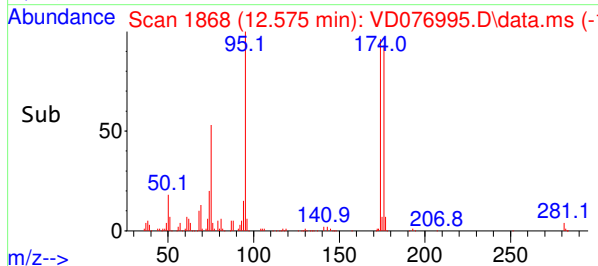
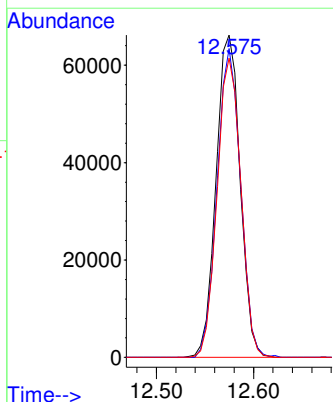
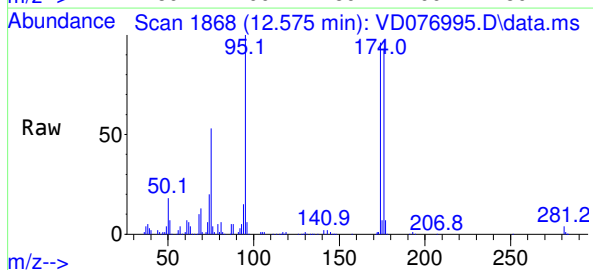




#62
4-Bromofluorobenzene
Concen: 47.84 ug/l
RT: 12.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

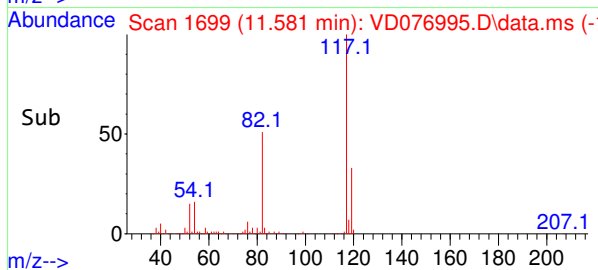
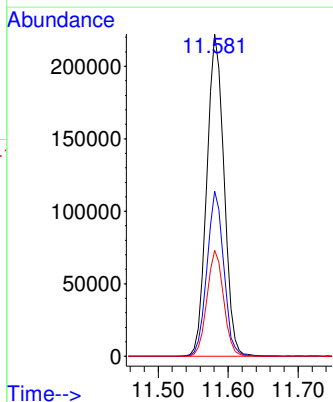
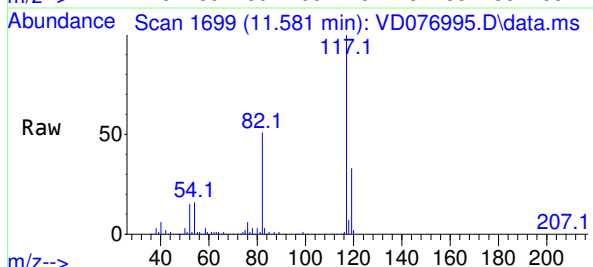
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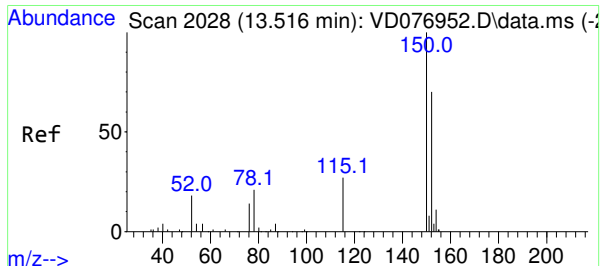
Tgt Ion:	95	Resp:	113524
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	201.8
176	91.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion:	117	Resp:	378334
Ion	Ratio	Lower	Upper
117	100		
82	51.3	38.3	57.5
119	32.9	25.0	37.4

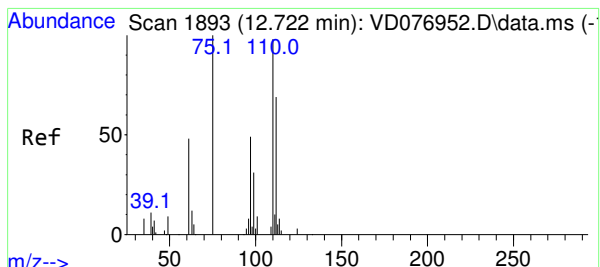
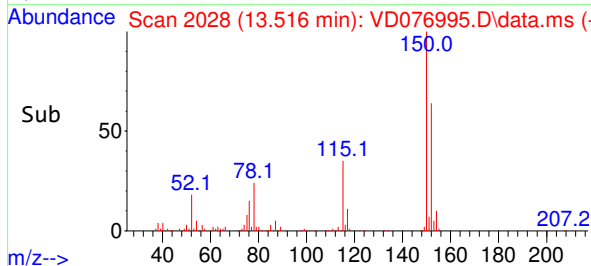
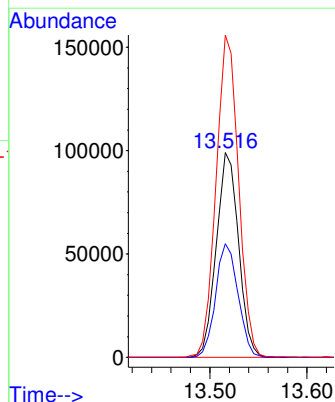
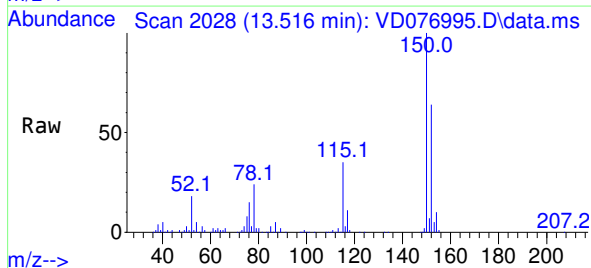




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

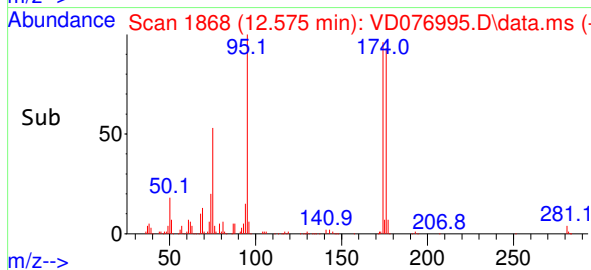
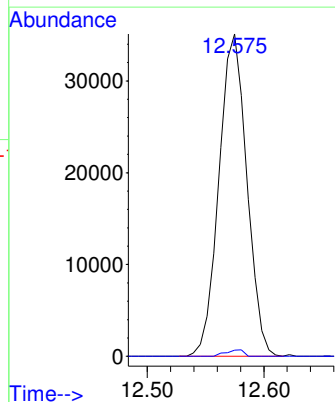
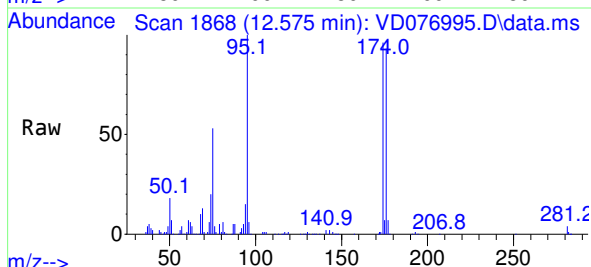
Instrument :
MSVOA_D
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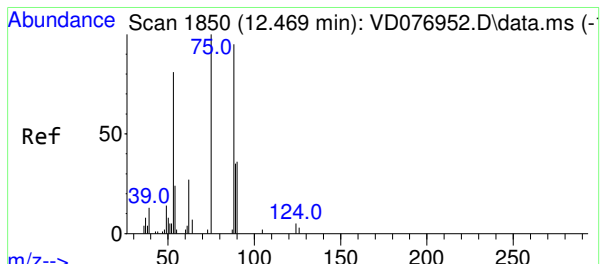
Tgt Ion:152 Resp: 157370
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 159.0 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 39.51 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Tgt Ion: 75 Resp: 58321
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.81 ug/l
RT: 12.575 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD076995.D
Acq: 14 Aug 2023 12:30

Instrument :
MSVOA_D
ClientSampleId :
OK-1-080923

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

