

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076364.D
 Acq On : 07 Jun 2023 20:18
 Operator : KP/SY
 Sample : 03047-02RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32BRE

Quant Time: Jun 08 01:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

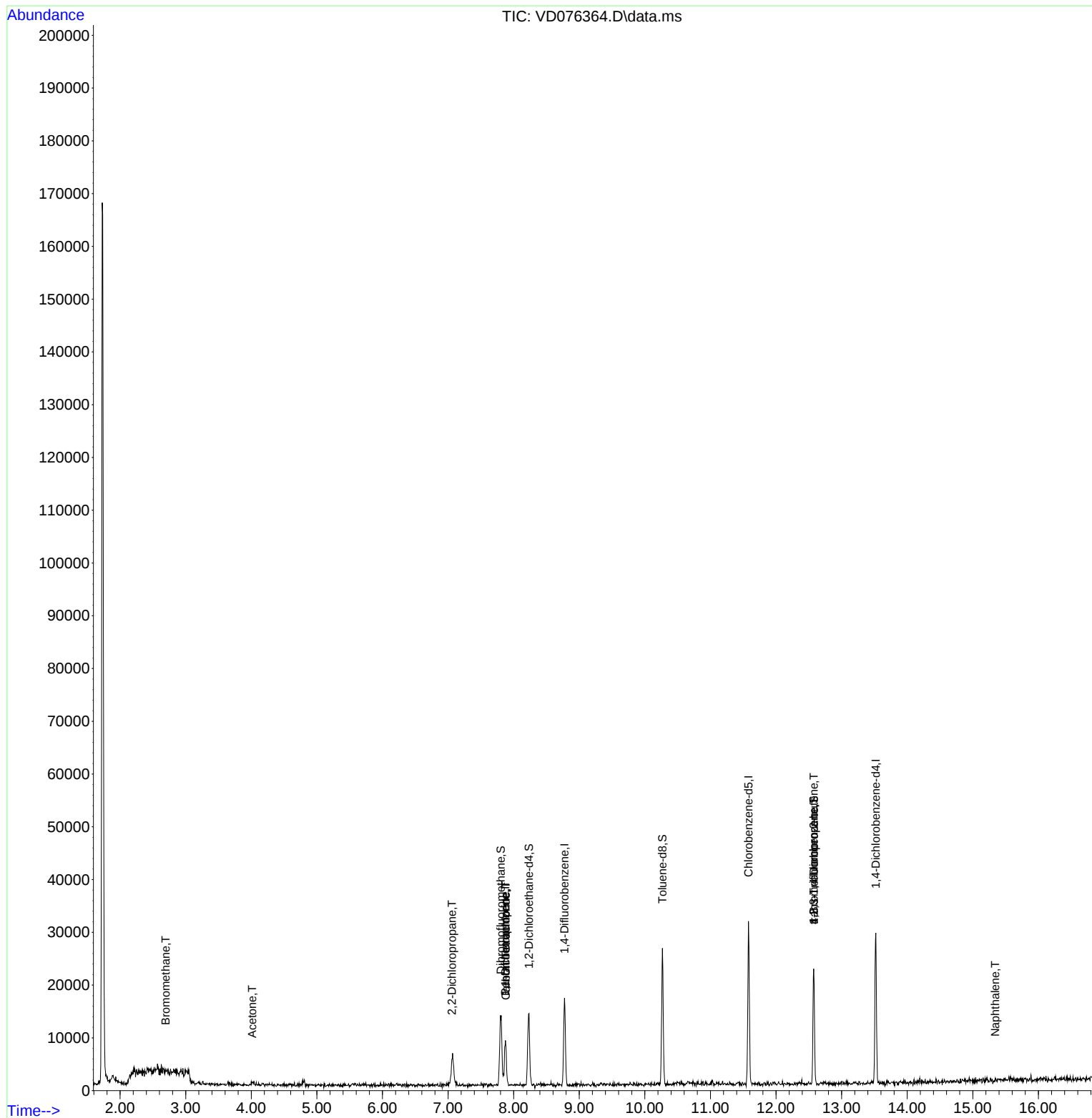
Internal Standards						
1) Pentafluorobenzene	7.875	168	7998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10889	151.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 303.900%#	
35) Dibromofluoromethane	7.804	113	10051	96.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 193.400%#	
50) Toluene-d8	10.269	98	18541	44.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.600%	
62) 4-Bromofluorobenzene	12.575	95	7553	68.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 137.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	151	1.191	ug/l #	1
16) Acetone	4.016	43	616	46.931	ug/l #	80
20) Methylene Chloride	4.787	84	343	Below Cal	#	68
26) 2,2-Dichloropropane	7.057	77	184	1.414	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	544	3.643	ug/l #	39
38) Carbon Tetrachloride	7.881	117	664	5.072	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	3093	35.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3093	86.204	ug/l #	17
95) Naphthalene	15.339	128	89	3.545	ug/l #	69

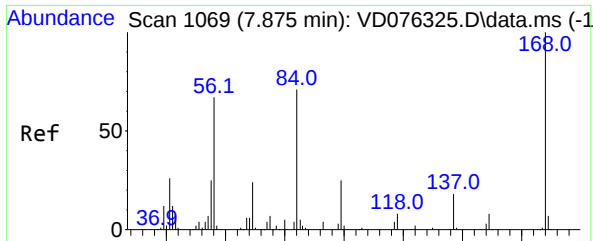
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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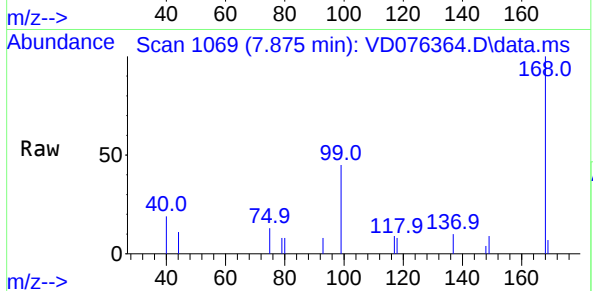
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
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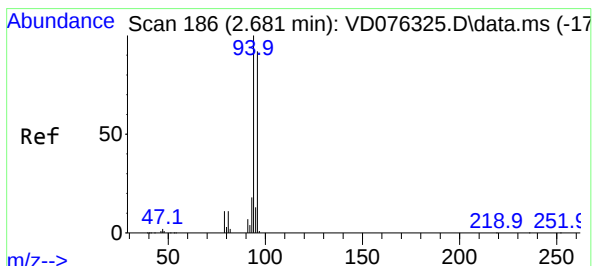
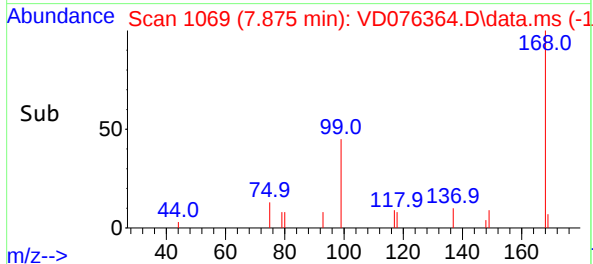
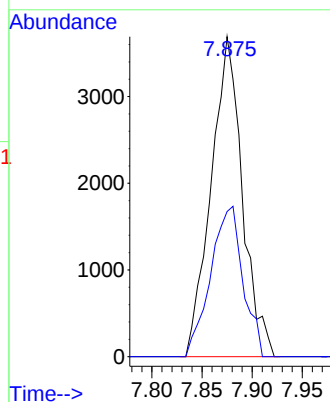


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

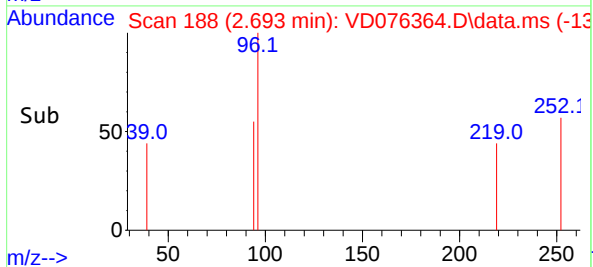
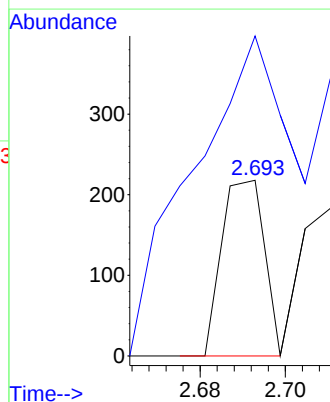
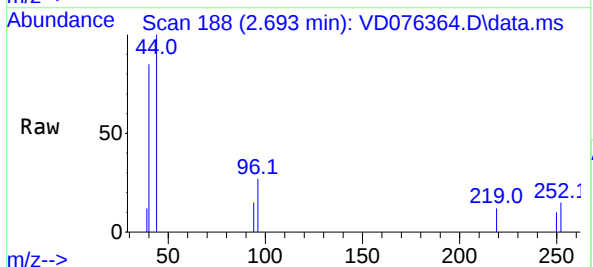


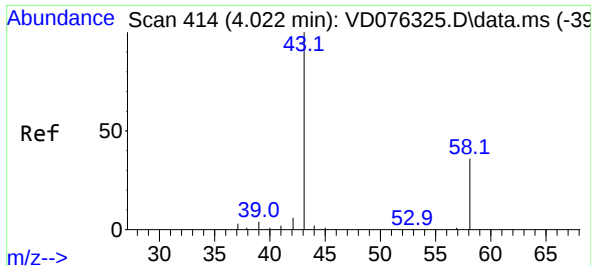
Tgt Ion:168 Resp: 7998
Ion Ratio Lower Upper
168 100
99 45.3 36.7 55.1



#5
Bromomethane
Concen: 1.191 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.012 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 557.6 75.8 113.8#

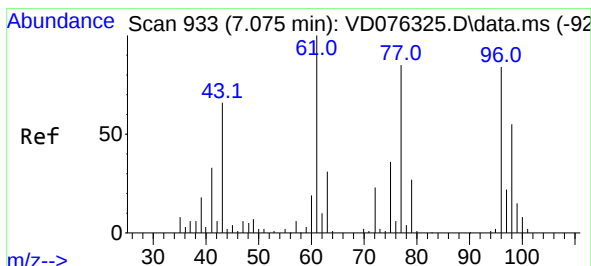
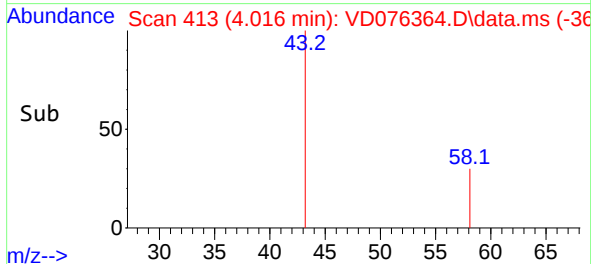
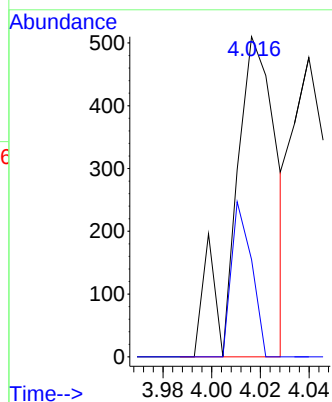
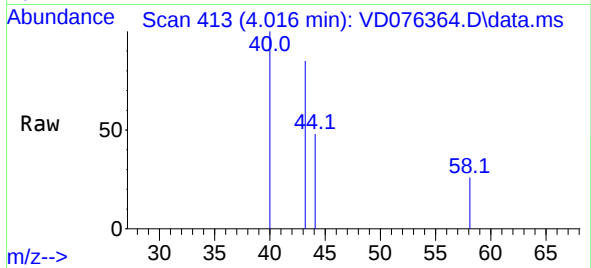




#16
Acetone
Concen: 46.931 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

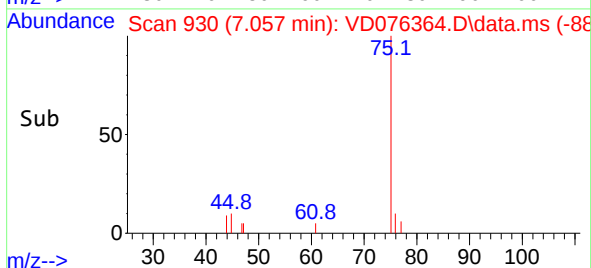
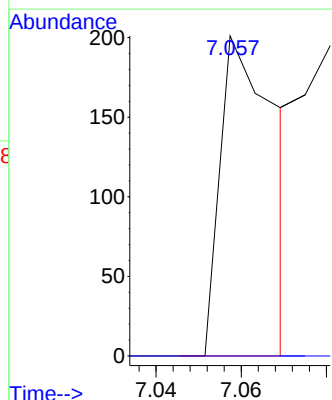
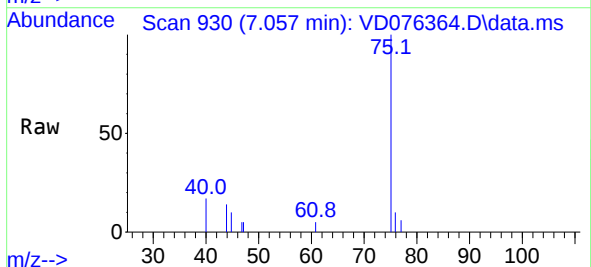
Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

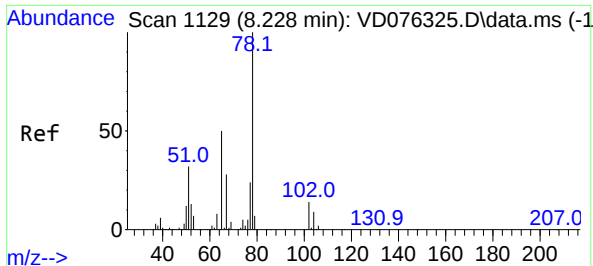
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 30.4 34.7 52.1#



#26
2,2-Dichloropropane
Concen: 1.414 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.018 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 77 Resp: 184
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

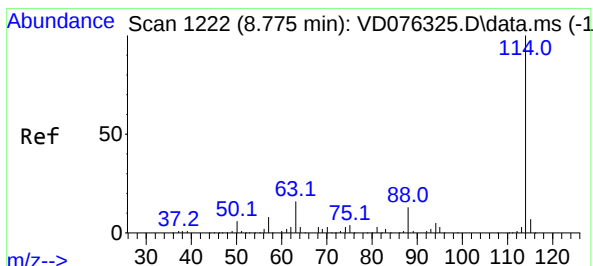
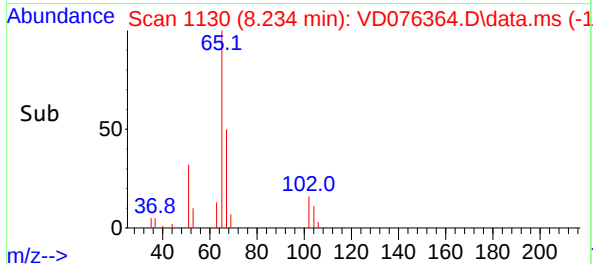
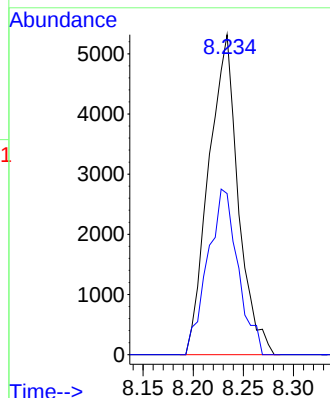
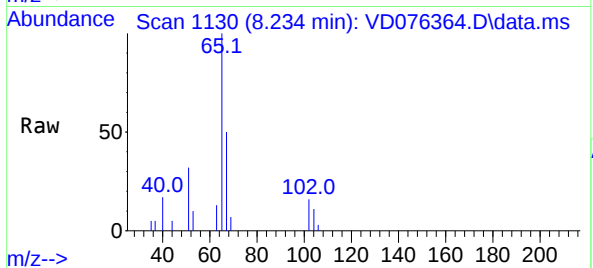




#33
1,2-Dichloroethane-d4
Concen: 151.950 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

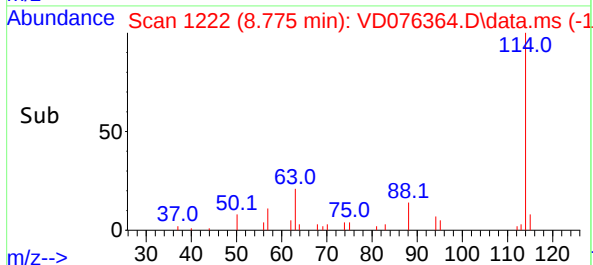
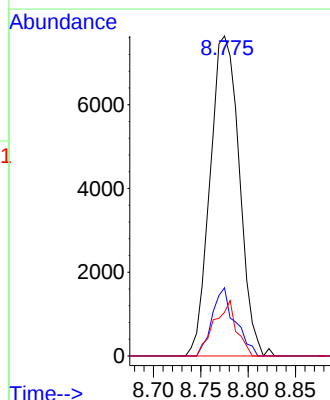
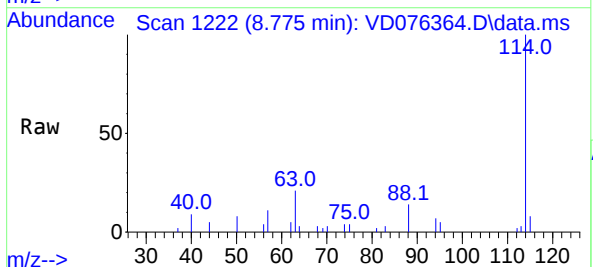
Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

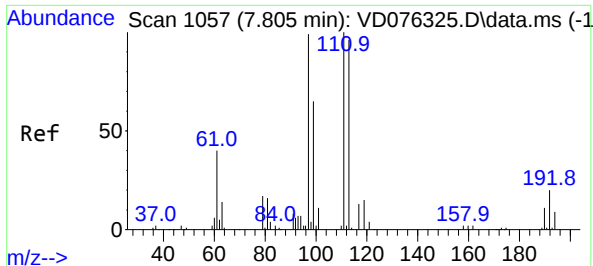
Tgt Ion: 65 Resp: 10889
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 114 Resp: 16371
Ion Ratio Lower Upper
114 100
63 21.3 0.0 33.4
88 13.6 0.0 26.2

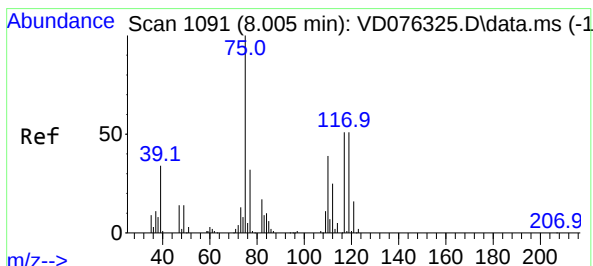
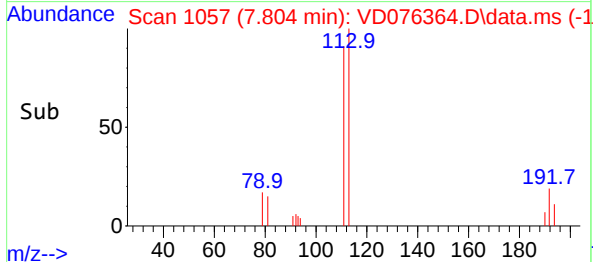
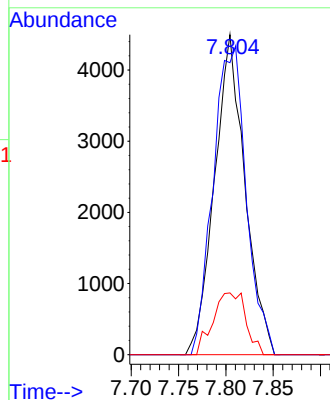
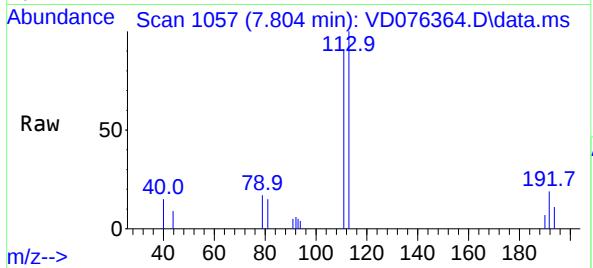




#35
Dibromofluoromethane
Concen: 96.695 ug/l
RT: 7.804 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

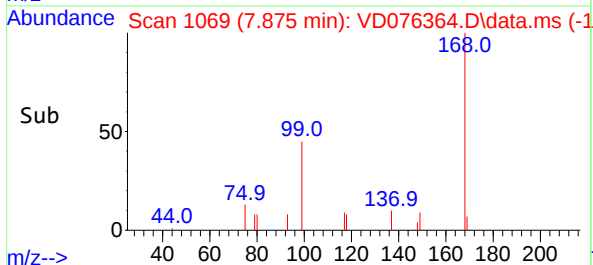
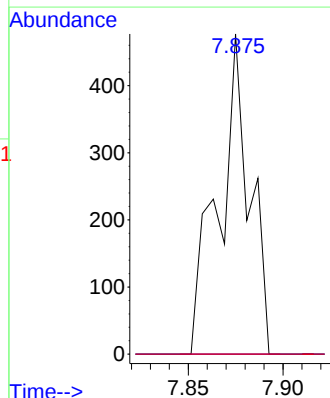
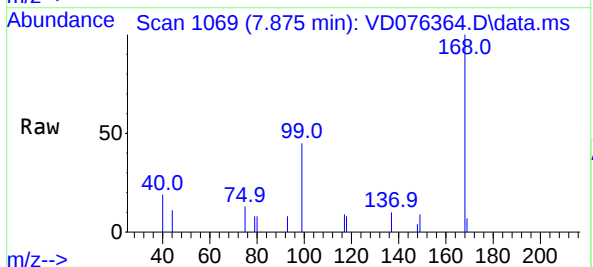
Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

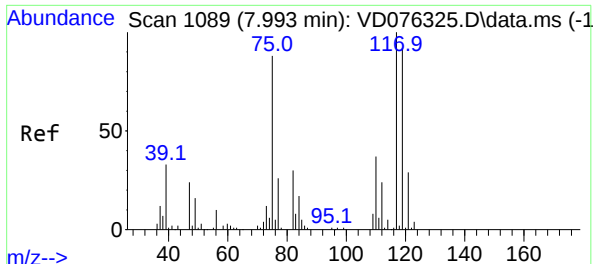
Tgt Ion:113 Resp: 10051
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.643 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

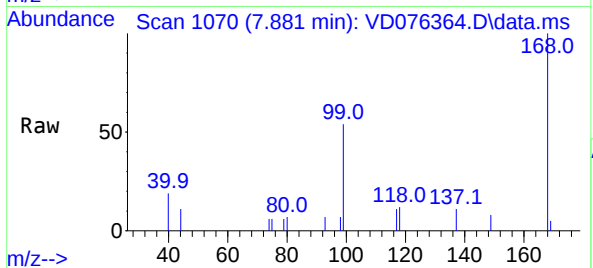
Tgt Ion: 75 Resp: 544
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



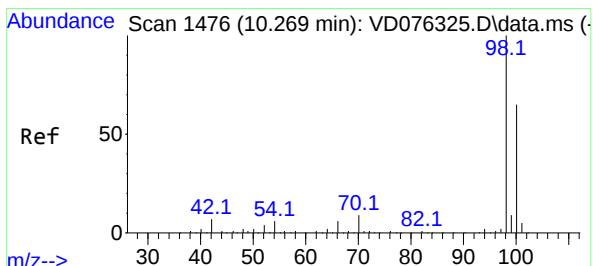
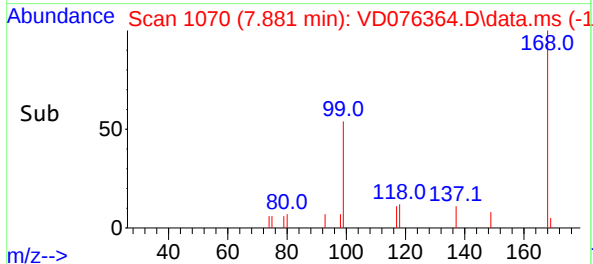
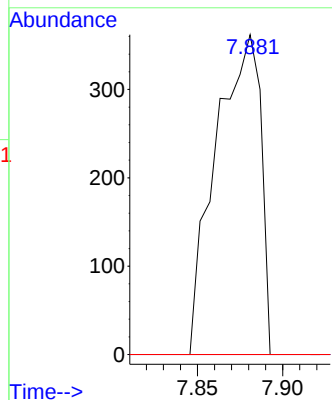


#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

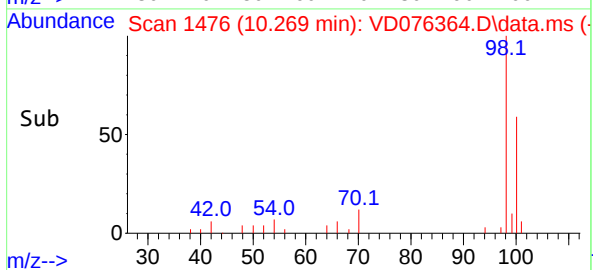
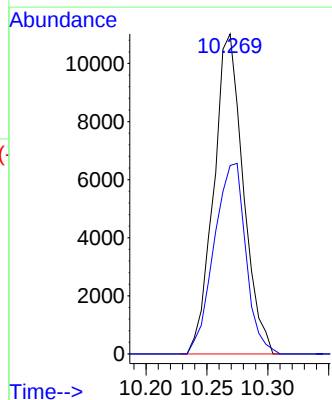
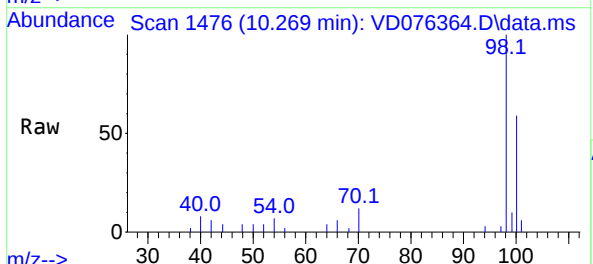


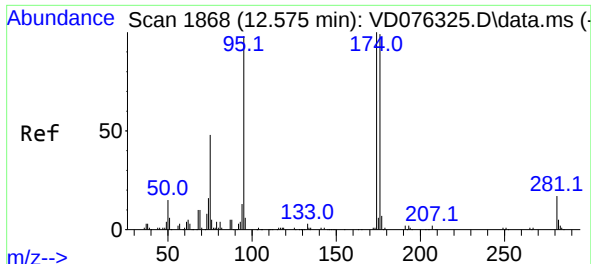
Tgt Ion:117 Resp: 664
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.800 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 98 Resp: 18541
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



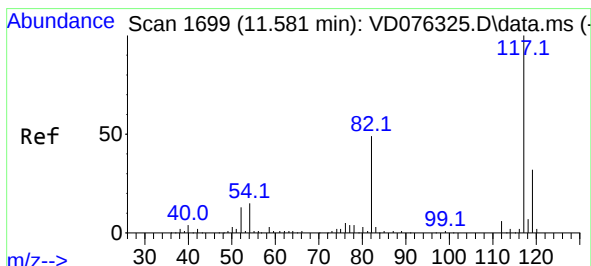
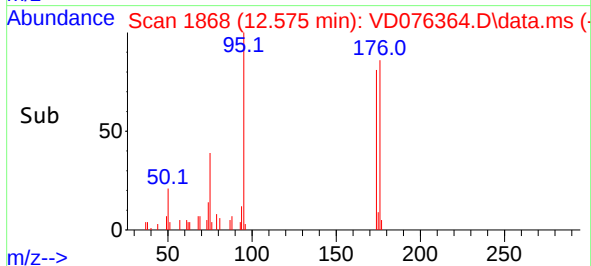
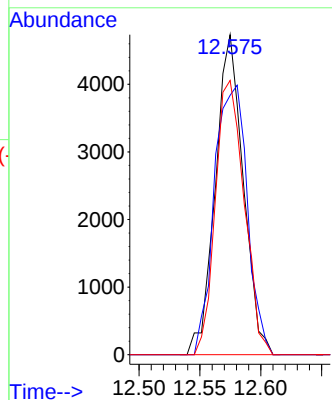
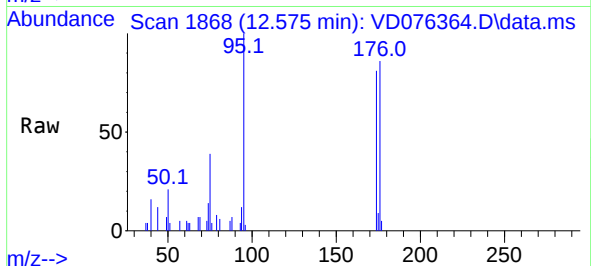


#62
4-Bromofluorobenzene
Concen: 68.962 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

Tgt Ion: 95 Resp: 7553

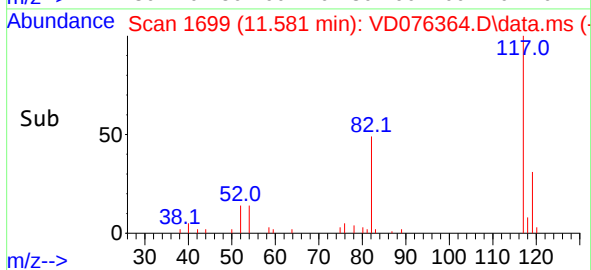
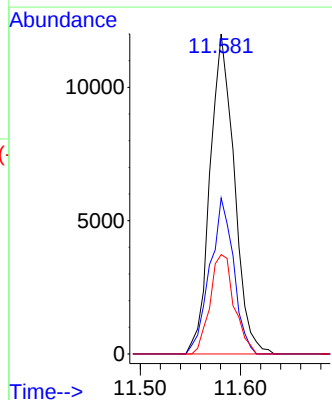
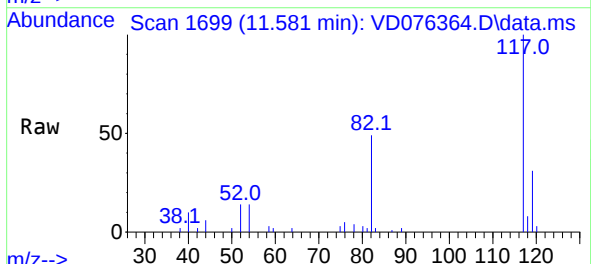
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	201.8
176	88.4	0.0	191.8

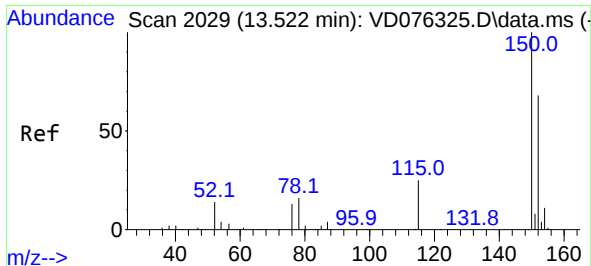


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 117 Resp: 20155

Ion	Ratio	Lower	Upper
117	100		
82	48.8	38.3	57.5
119	31.0	25.0	37.4

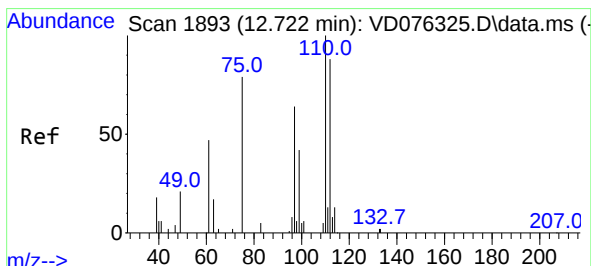
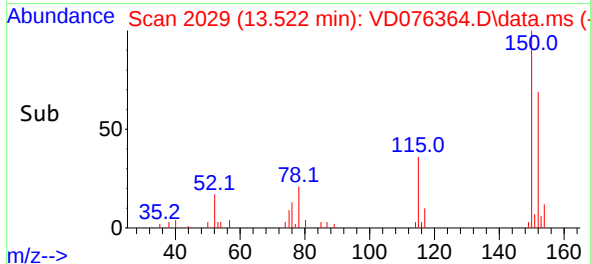
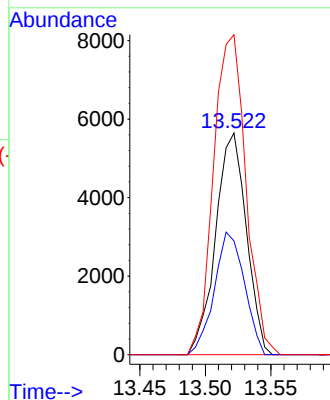
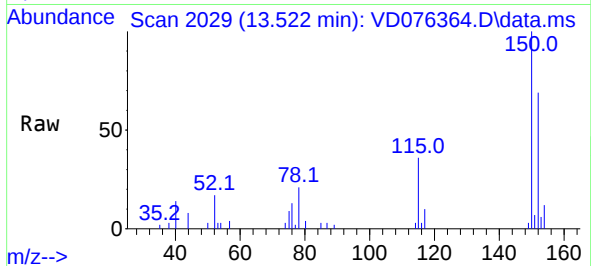




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076364.D
 Acq: 07 Jun 2023 20:18

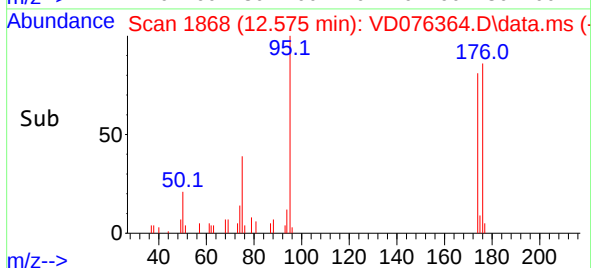
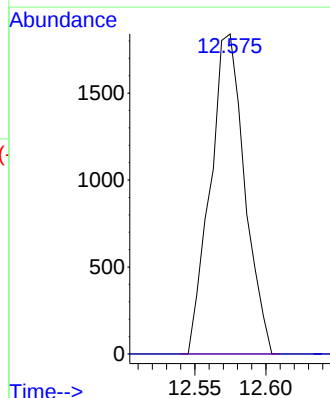
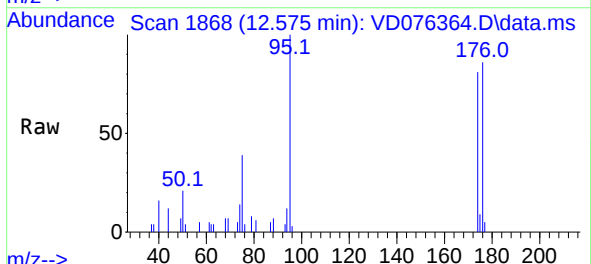
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32BRE

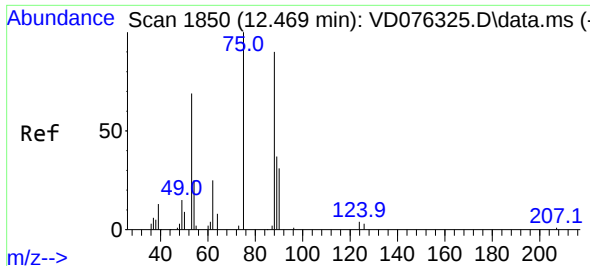
Tgt Ion:152 Resp: 9206
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.3
 150 151.9 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 35.992 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076364.D
 Acq: 07 Jun 2023 20:18

Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

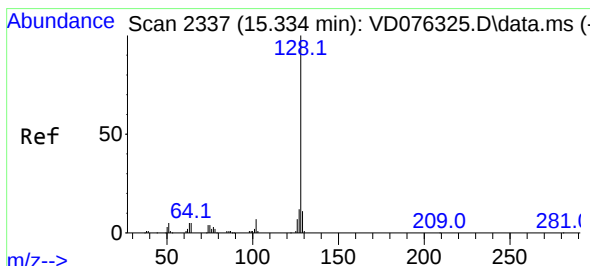
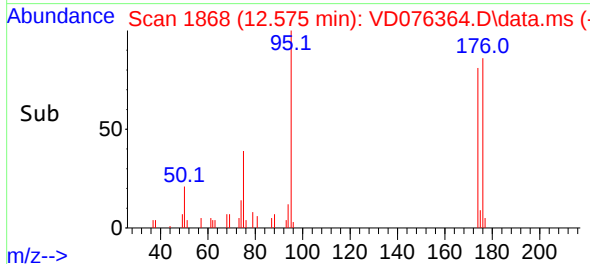
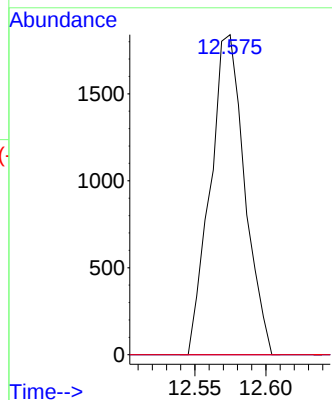
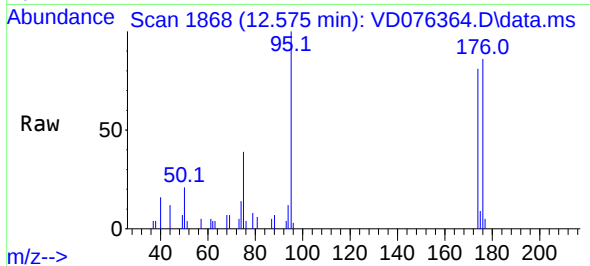




#81
trans-1,4-Dichloro-2-butene
Concen: 86.204 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.545 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 128 Resp: 89
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

