

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075736.D
 Acq On : 18 Apr 2023 19:41
 Operator : KP/SY
 Sample : 02369-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-041423RE

Quant Time: Apr 19 01:25:07 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)

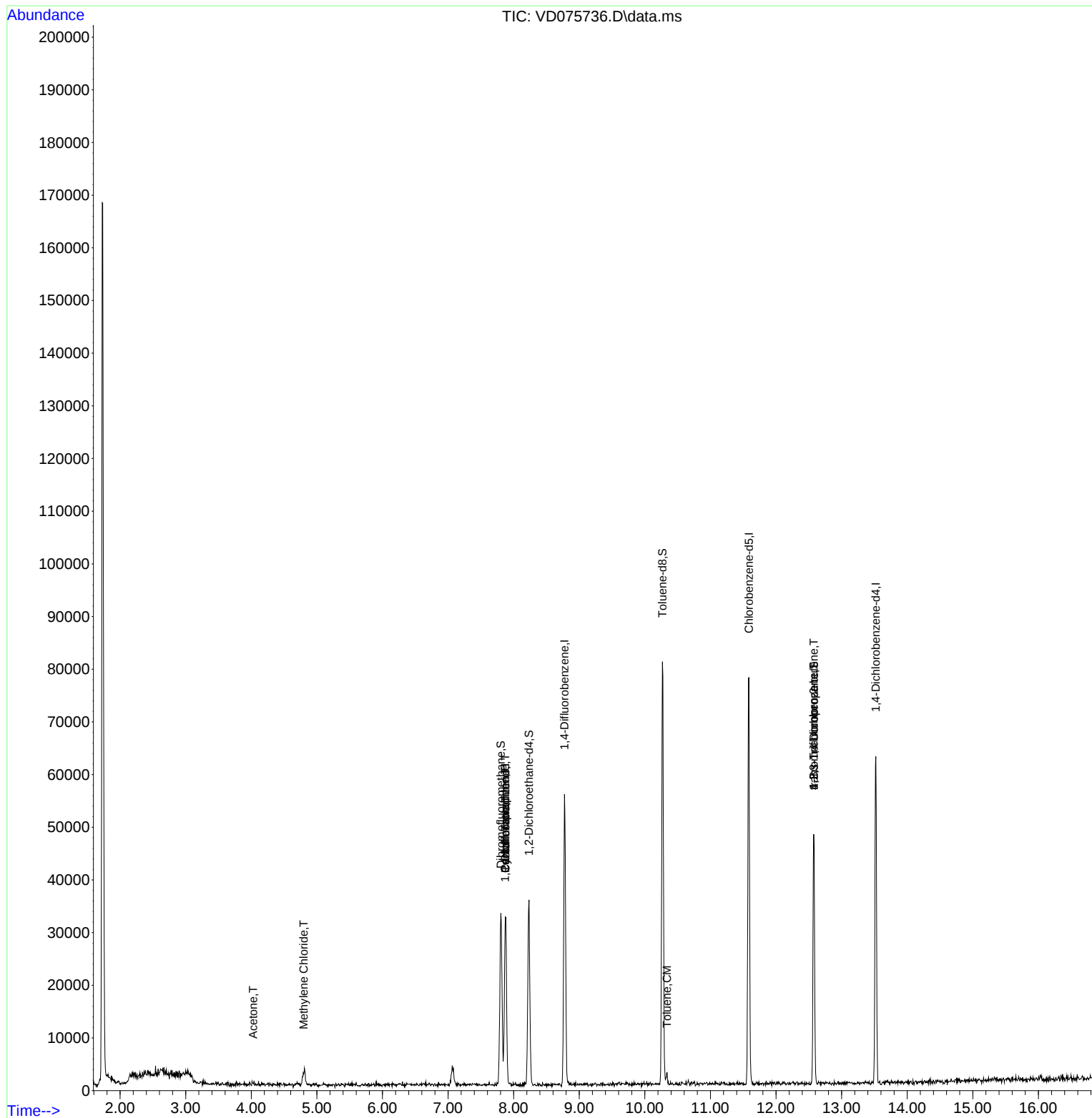
Internal Standards						
1) Pentafluorobenzene	7.875	168	27449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	54452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	51803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25942	99.569	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.140%#			
35) Dibromofluoromethane	7.804	113	24143	65.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.840%			
50) Toluene-d8	10.269	98	62387	42.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.080%			
62) 4-Bromofluorobenzene	12.575	95	16051	41.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.340%			
Target Compounds						
16) Acetone	4.028	43	531	11.125	ug/l #	44
20) Methylene Chloride	4.799	84	2534	2.478	ug/l #	57
31) Cyclohexane	7.875	56	445	1.088	ug/l #	77
36) 1,1-Dichloropropene	7.869	75	1980	3.919	ug/l #	42
38) Carbon Tetrachloride	7.875	117	2470	5.551	ug/l #	13
52) Toluene	10.339	92	1047	1.002	ug/l	89
76) 1,2,3-Trichloropropane	12.575	75	8141	52.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	8141	113.951	ug/l #	5

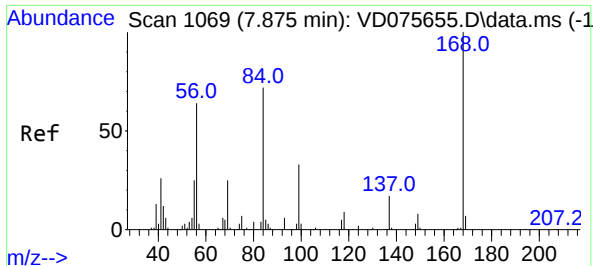
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 01:25:07 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

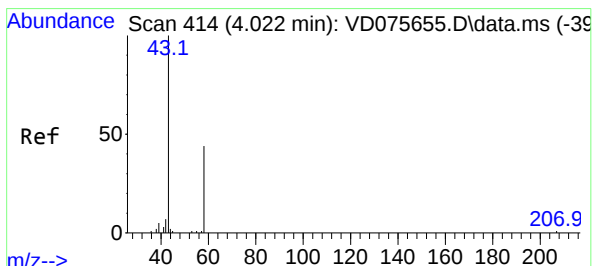
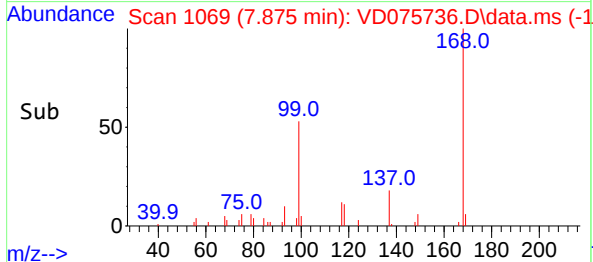
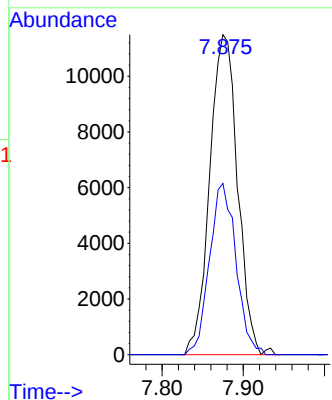
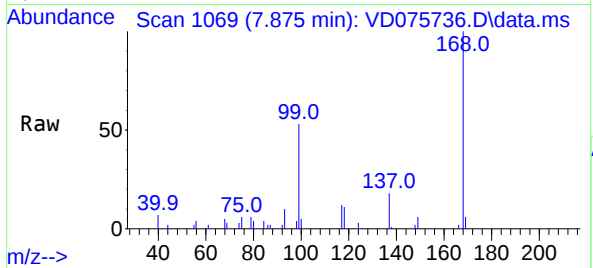




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

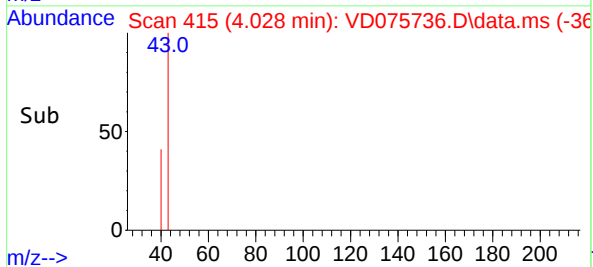
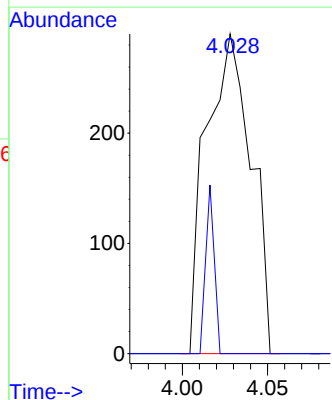
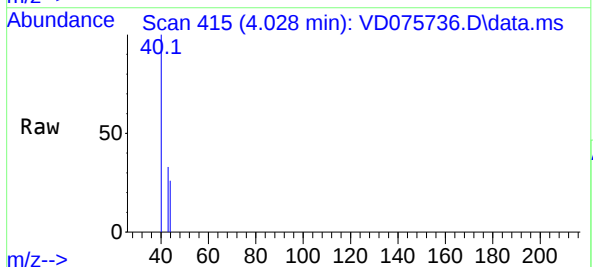
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

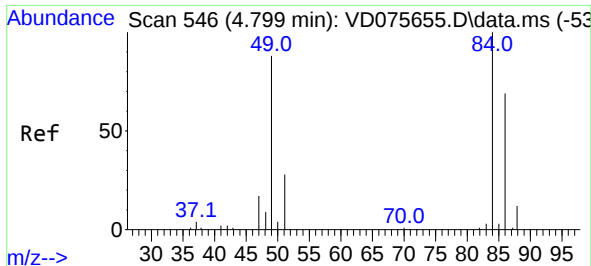
Tgt Ion:168 Resp: 27449
Ion Ratio Lower Upper
168 100
99 53.5 43.8 65.6



#16
Acetone
Concen: 11.125 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#20

Methylene Chloride

Concen: 2.478 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075736.D

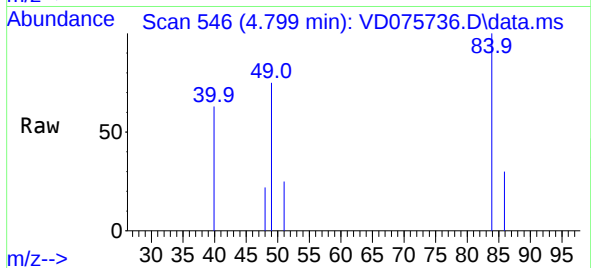
Acq: 18 Apr 2023 19:41

Instrument :

MSVOA_D

ClientSampleId :

SU-04-041423RE



Tgt Ion: 84 Resp: 2534

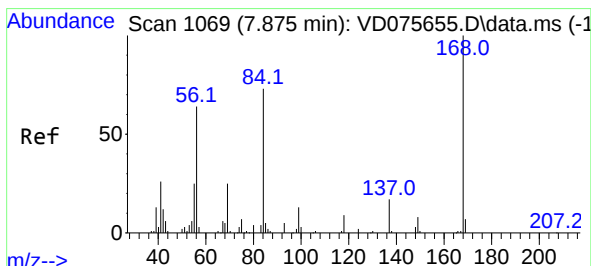
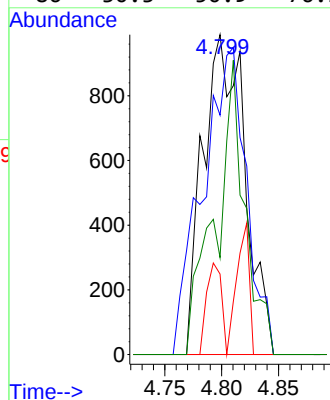
Ion	Ratio	Lower	Upper
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84	100		
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49	74.8	106.4	159.6#
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51	25.2	32.4	48.6#
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86	30.3	50.9	76.3#
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#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075736.D

Acq: 18 Apr 2023 19:41

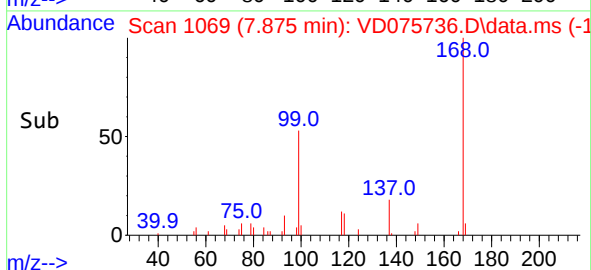
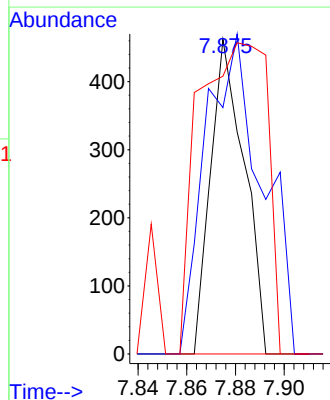
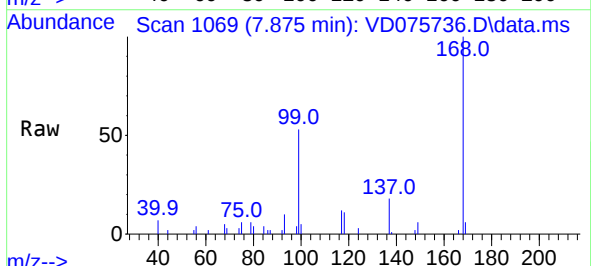
Tgt Ion: 56 Resp: 445

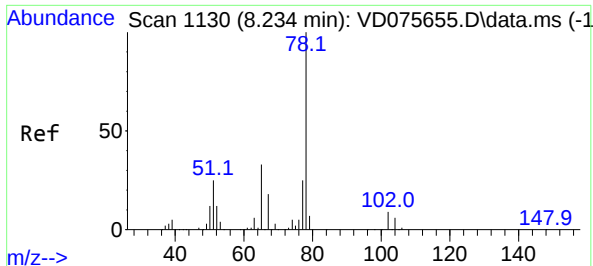
Ion	Ratio	Lower	Upper
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56	100		
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69	78.4	25.5	38.3#
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84	88.3	69.6	104.4
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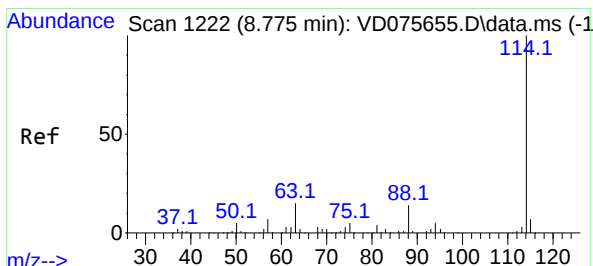
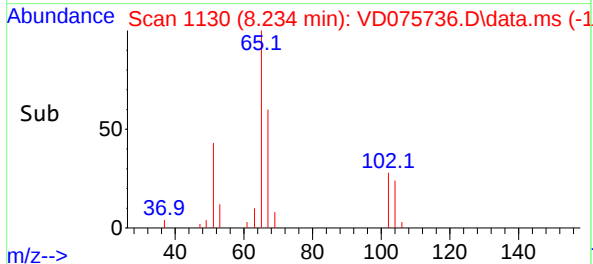
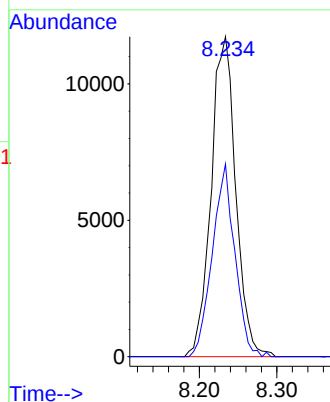
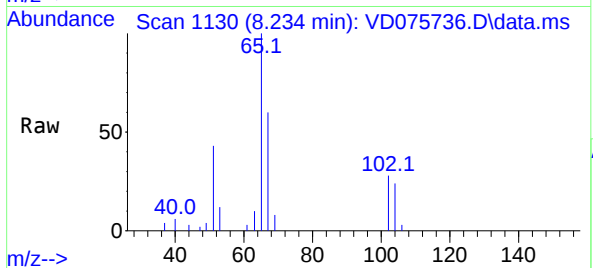




#33
1,2-Dichloroethane-d4
Concen: 99.569 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

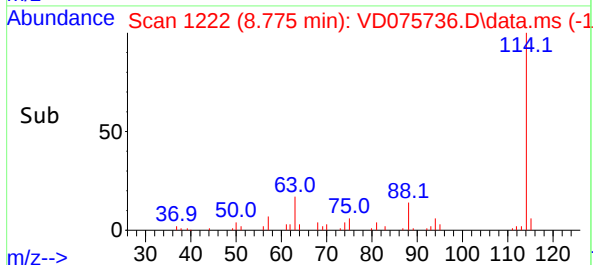
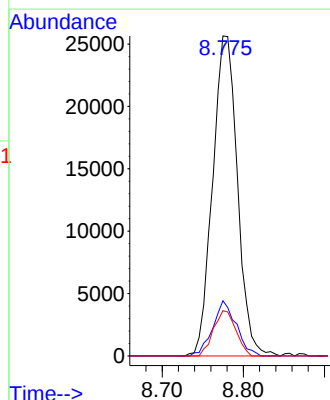
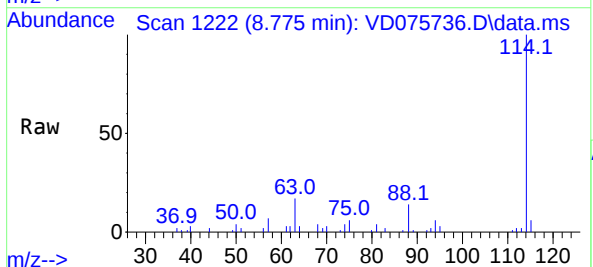
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

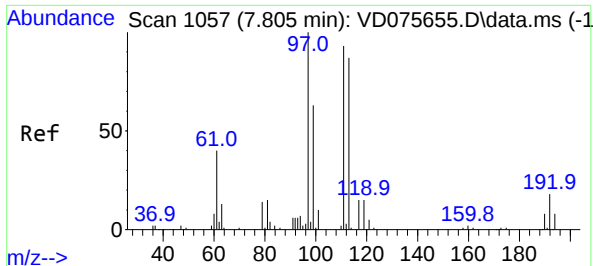
Tgt Ion: 65 Resp: 25942
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 114 Resp: 54452
Ion Ratio Lower Upper
114 100
63 17.2 0.0 41.6
88 14.1 0.0 30.6

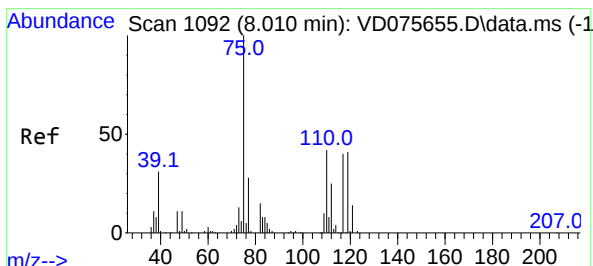
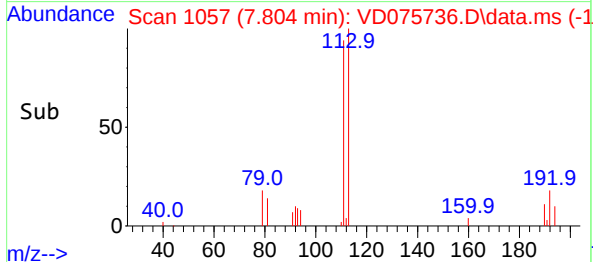
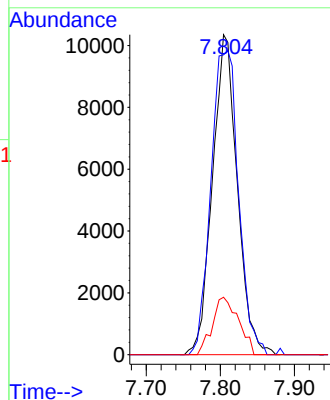
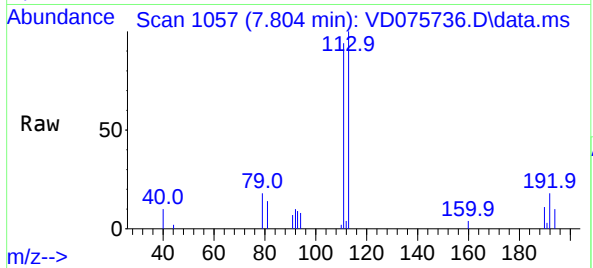




#35
Dibromofluoromethane
Concen: 65.921 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

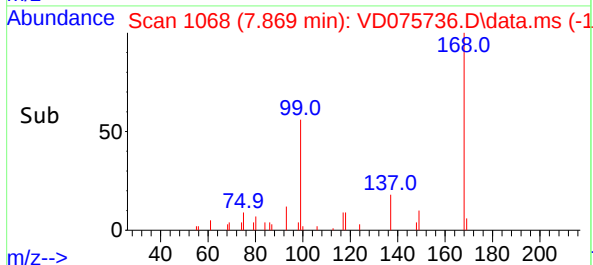
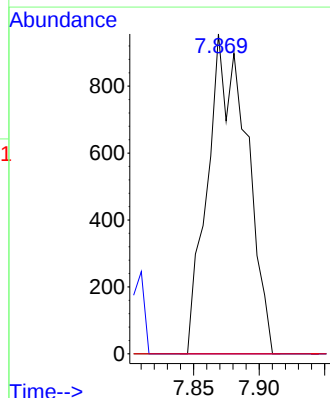
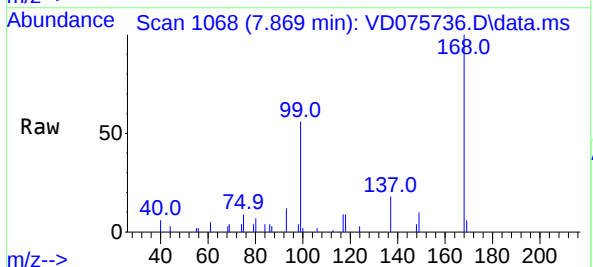
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

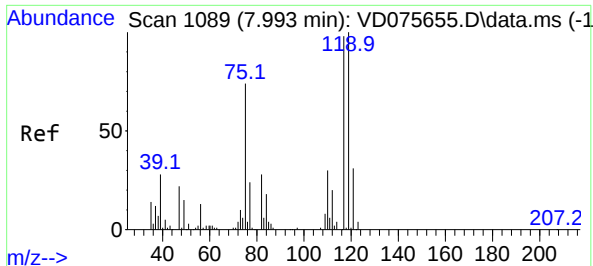
Tgt Ion:	113	Resp:	24143
Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.4	122.0
192	18.8	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.919 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

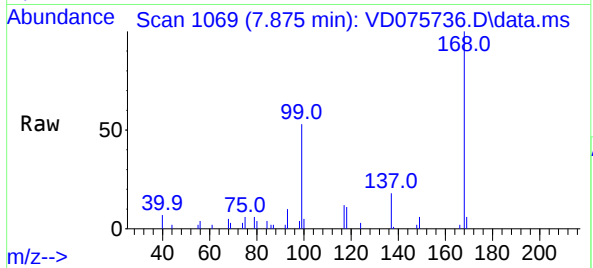
Tgt Ion:	75	Resp:	1980
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



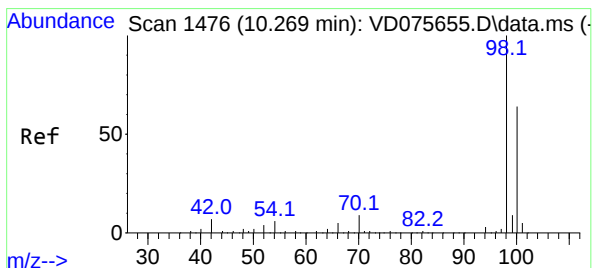
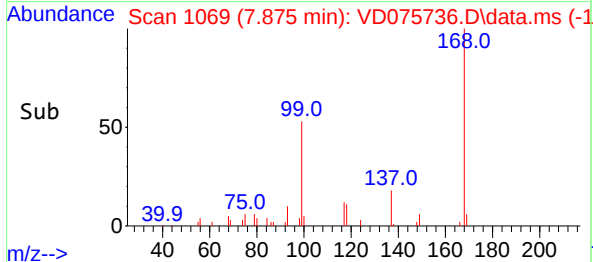
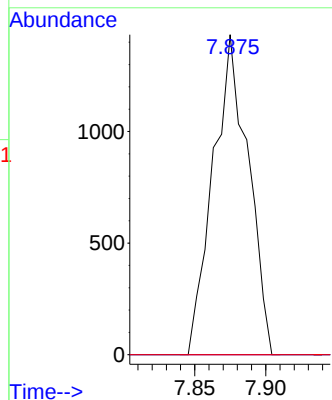


#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

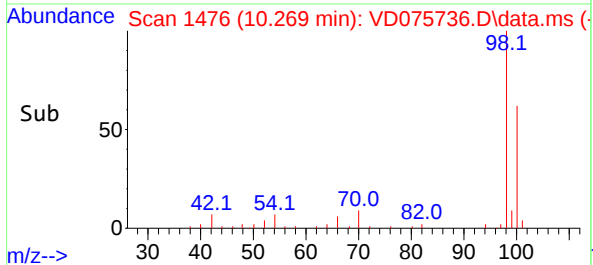
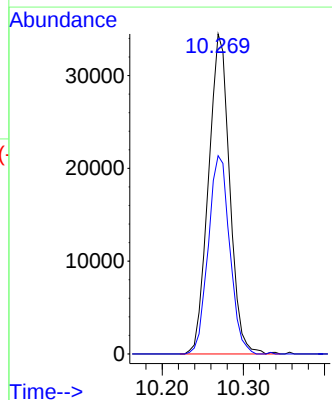
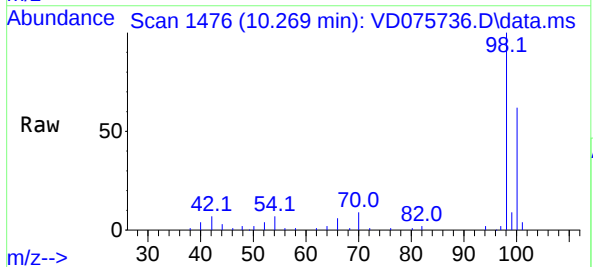


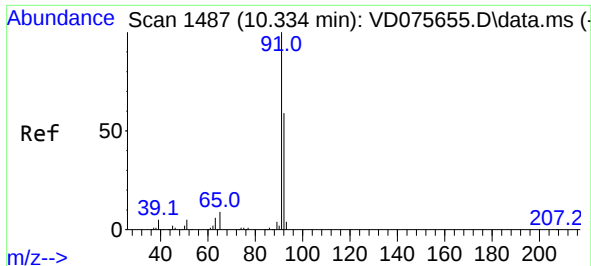
Tgt Ion:117 Resp: 2470
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 42.537 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 98 Resp: 62387
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

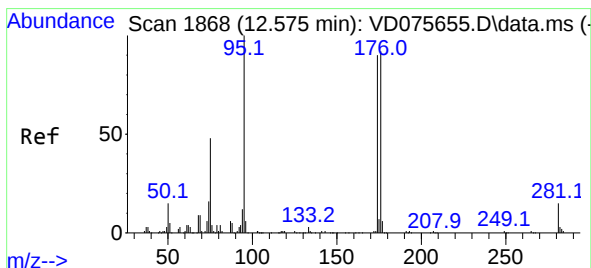
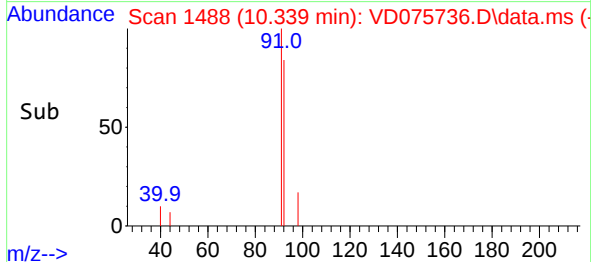
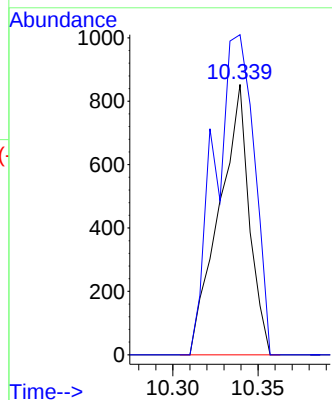
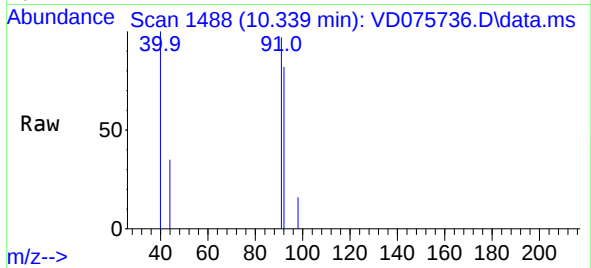




#52
Toluene
Concen: 1.002 ug/l
RT: 10.339 min Scan# 1487
Delta R.T. 0.005 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

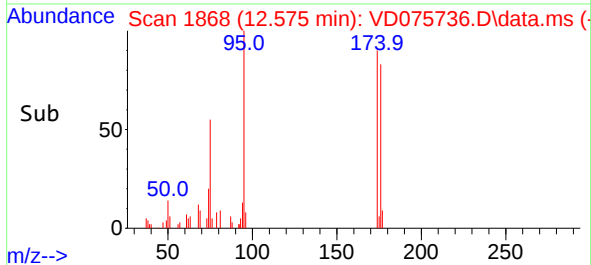
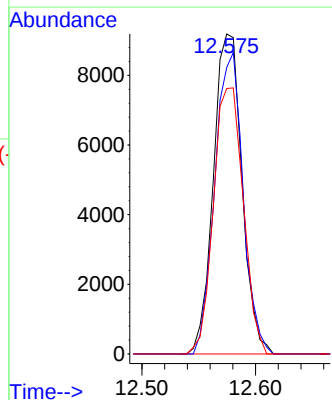
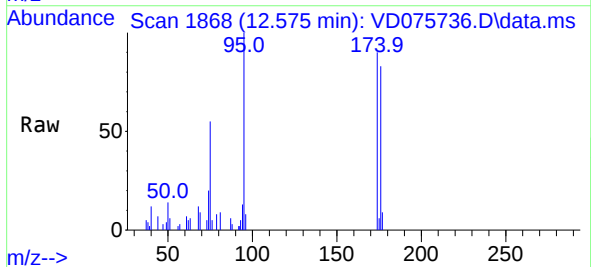
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

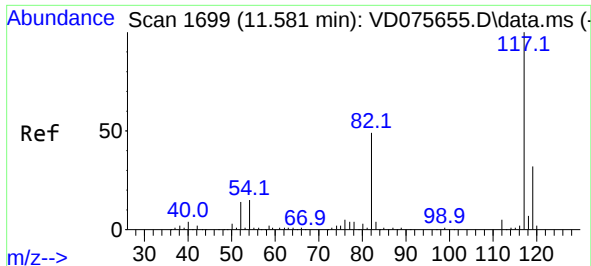
Tgt Ion: 92 Resp: 1047
Ion Ratio Lower Upper
92 100
91 155.0 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 41.174 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 95 Resp: 16051
Ion Ratio Lower Upper
95 100
174 92.8 0.0 164.0
176 86.8 0.0 156.8

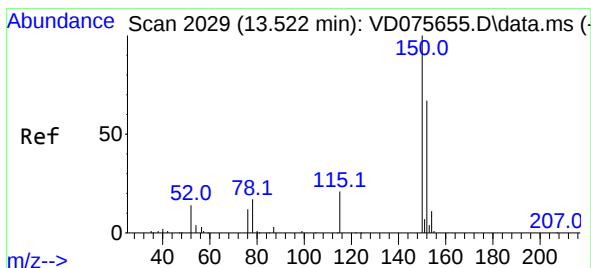
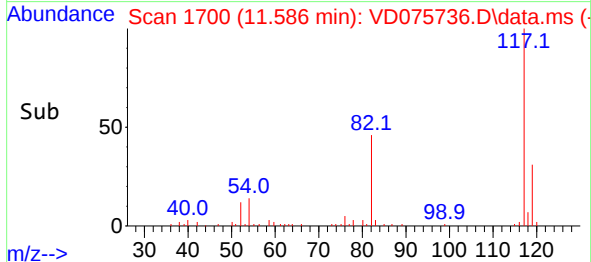
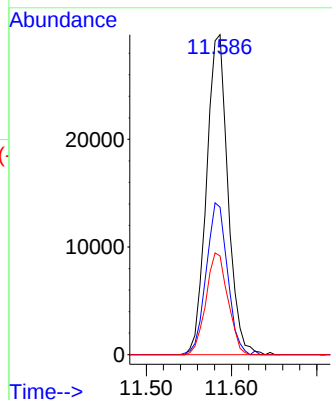
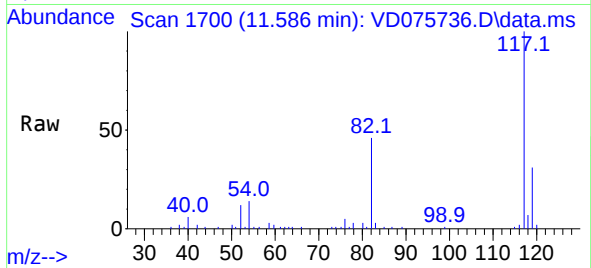




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

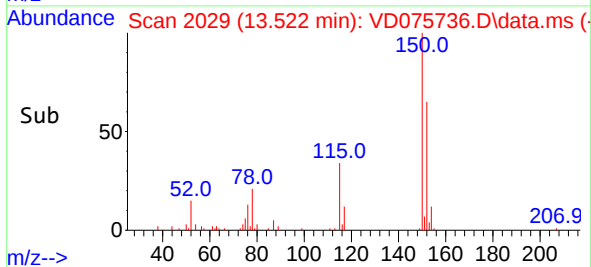
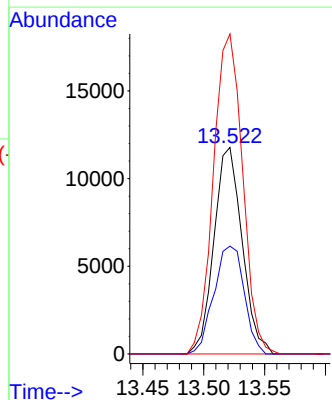
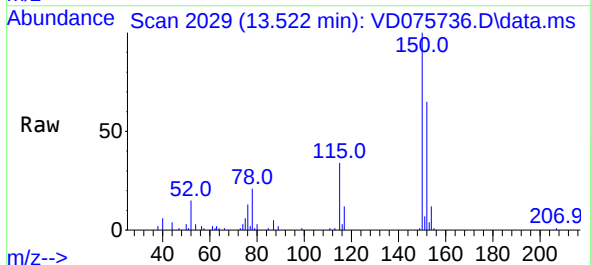
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

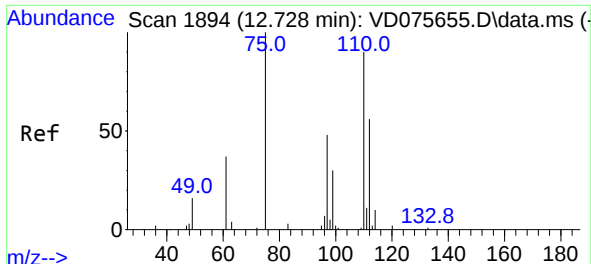
Tgt Ion:	117	Resp:	51803
Ion	Ratio	Lower	Upper
117	100		
82	46.1	44.0	66.0
119	30.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion:	152	Resp:	18988
Ion	Ratio	Lower	Upper
152	100		
115	56.0	30.1	90.3
150	160.1	0.0	364.8

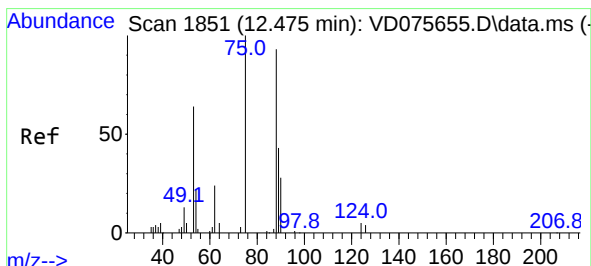
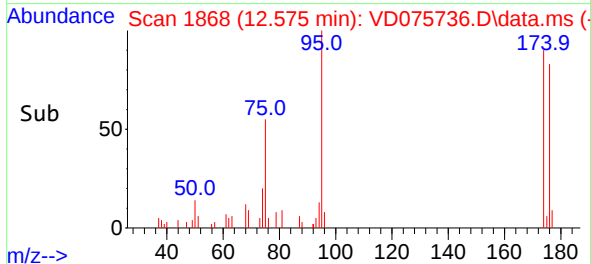
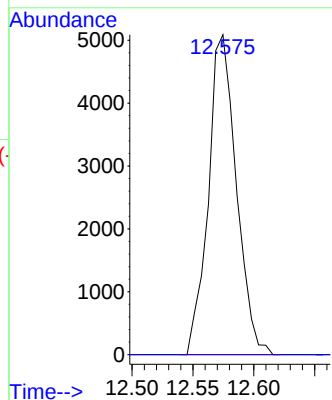
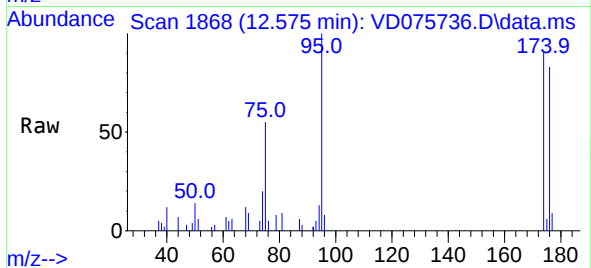




#76
1,2,3-Trichloropropane
Concen: 52.575 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

Tgt Ion: 75 Resp: 8141
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.951 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 75 Resp: 8141
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

