

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075326.D
 Acq On : 13 Feb 2023 14:26
 Operator : KP/SY
 Sample : 01529-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-5.0-7.0

Quant Time: Feb 14 01:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

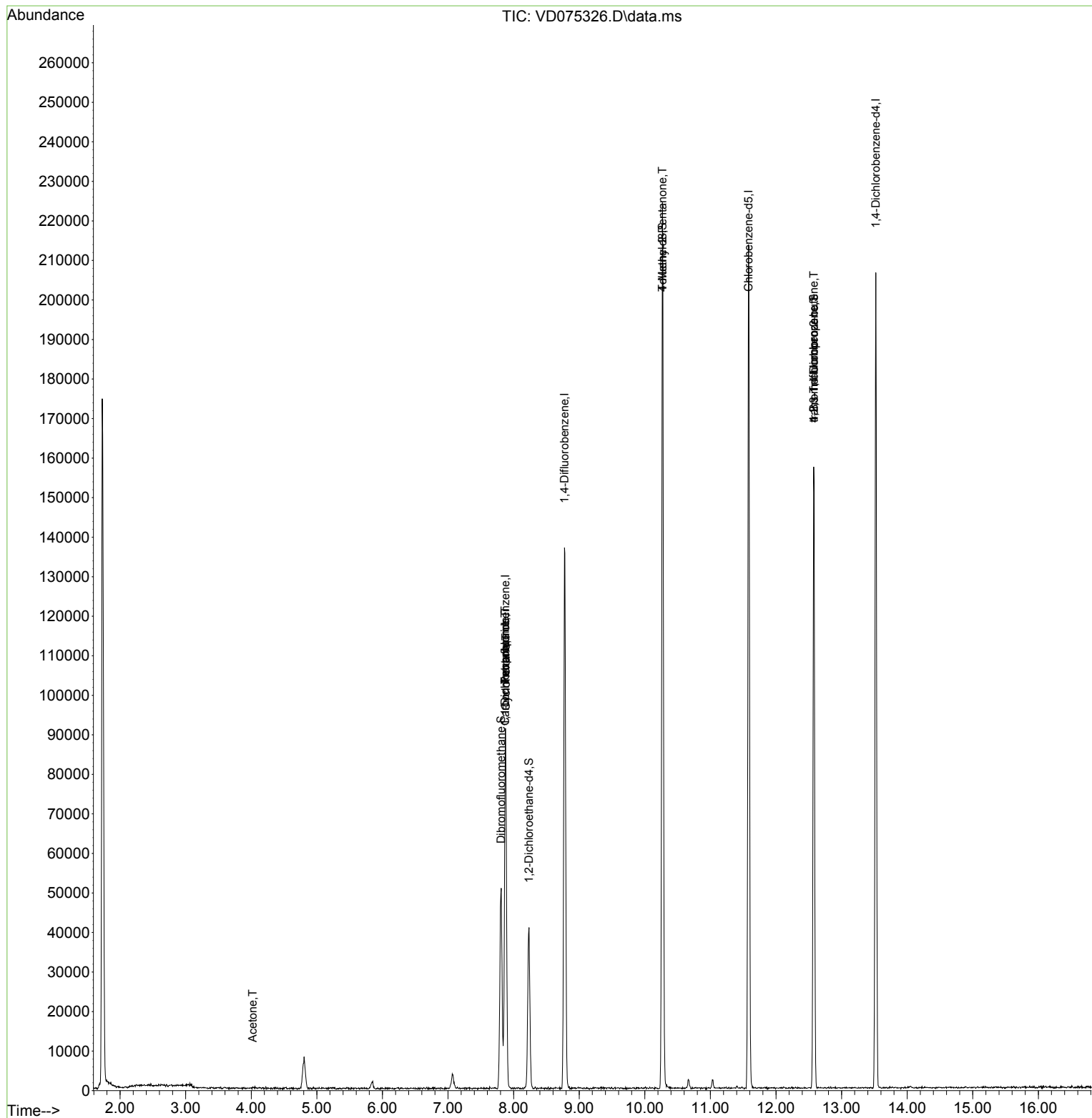
Internal Standards						
1) Pentafluorobenzene	7.875	168	65204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	115660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32581	42.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.810	113	35982	44.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.269	98	146665	47.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.575	95	47909	47.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.480%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	578	2.859	ug/l #	42
31) Cyclohexane	7.881	56	1668	1.229	ug/l #	39
36) 1,1-Dichloropropene	7.869	75	5421	4.291	ug/l #	48
38) Carbon Tetrachloride	7.869	117	6791	5.801	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	599	1.125	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27162	46.083	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27162	145.412	ug/l #	14

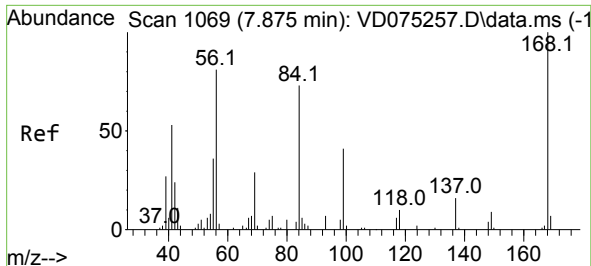
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

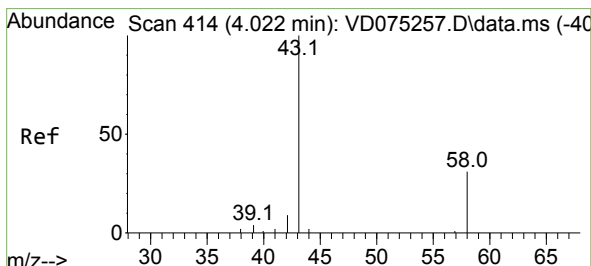
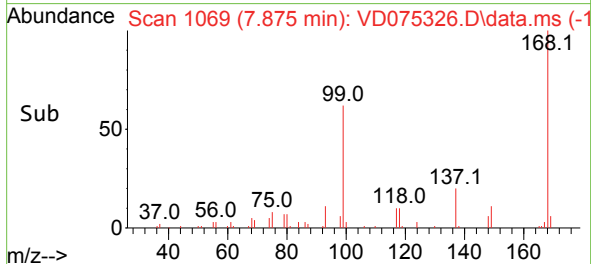
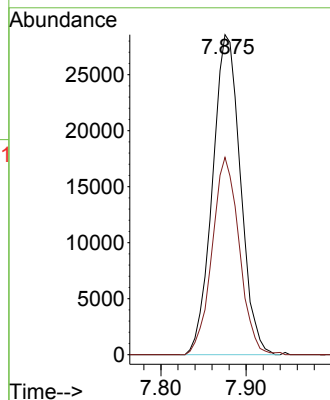
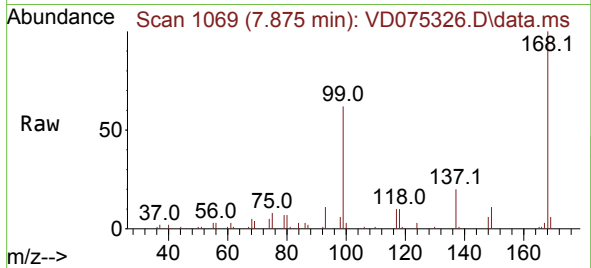




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

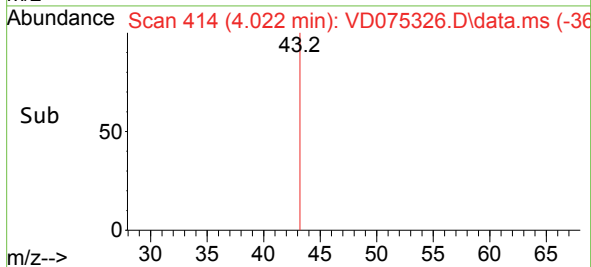
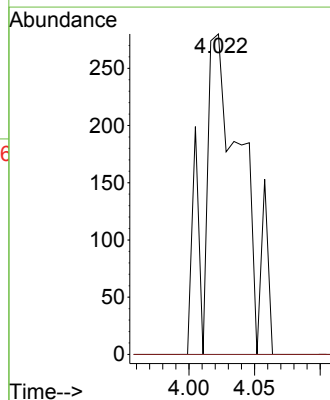
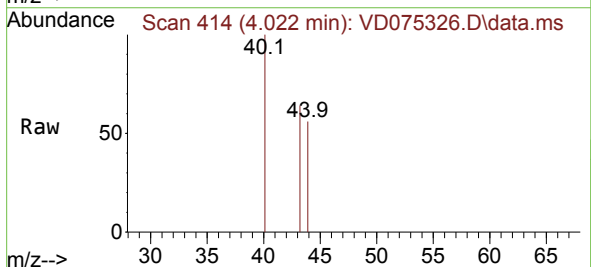
Instrument :
MSVOA_D
ClientSampleId :
SB-01-5.0-7.0

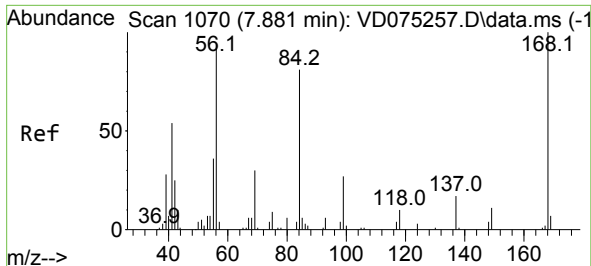
Tgt Ion:168 Resp: 65204
Ion Ratio Lower Upper
168 100
99 61.7 45.2 67.8



#16
Acetone
Concen: 2.859 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

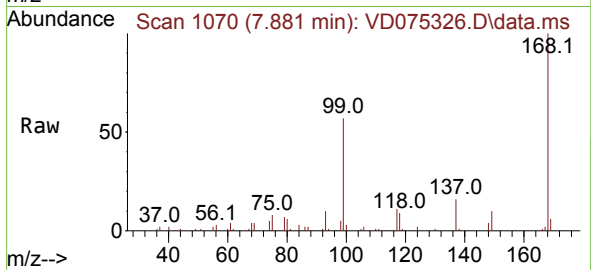
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



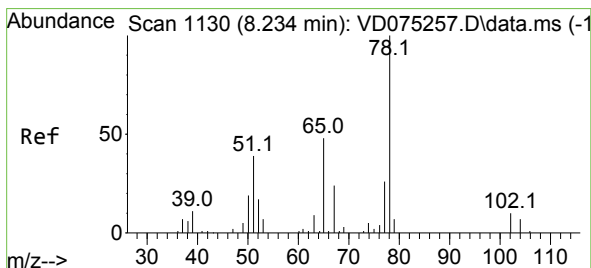
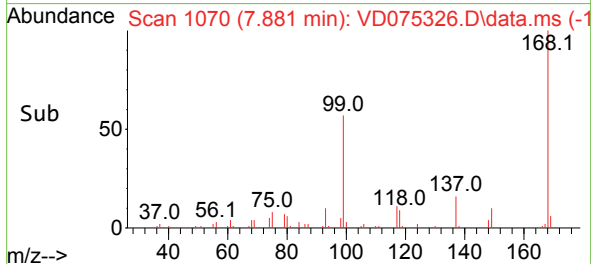
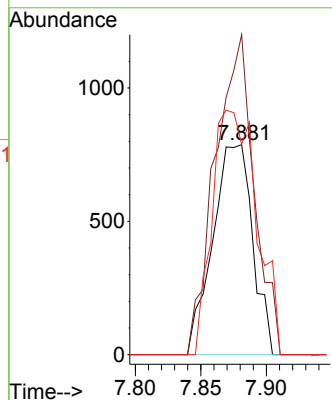


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
SB-01-5.0-7.0

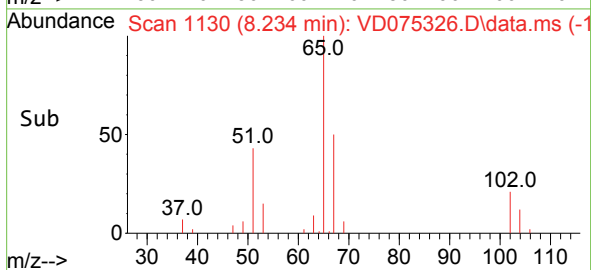
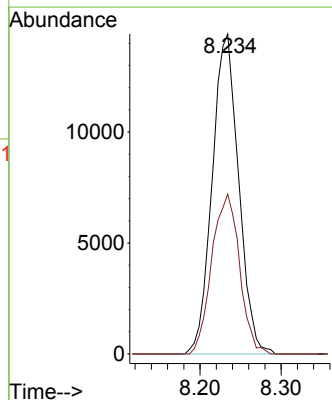
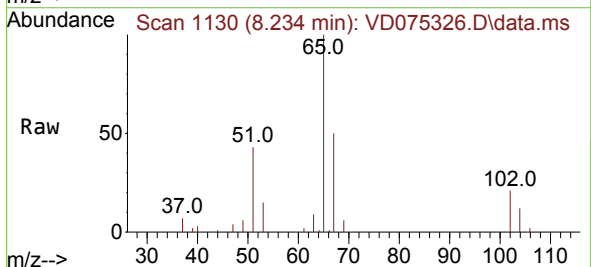


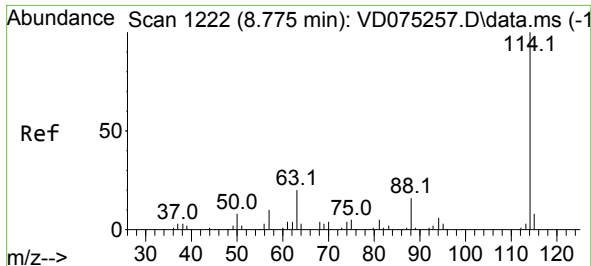
Tgt Ion: 56 Resp: 1668
Ion Ratio Lower Upper
56 100
69 152.3 26.6 40.0#
84 100.1 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 42.613 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Tgt Ion: 65 Resp: 32581
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

SB-01-5.0-7.0

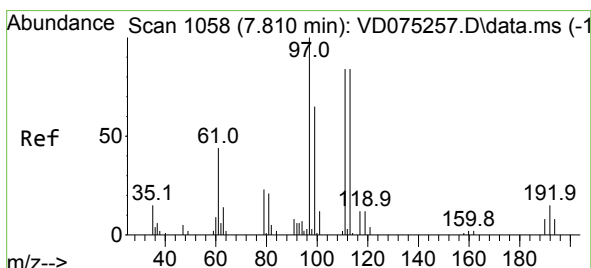
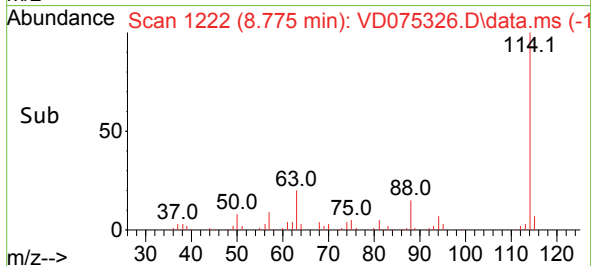
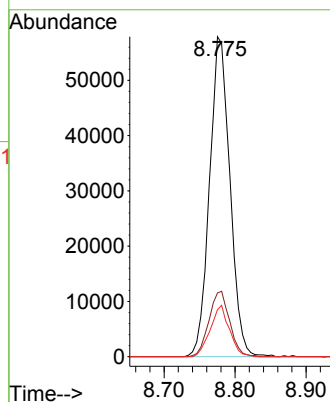
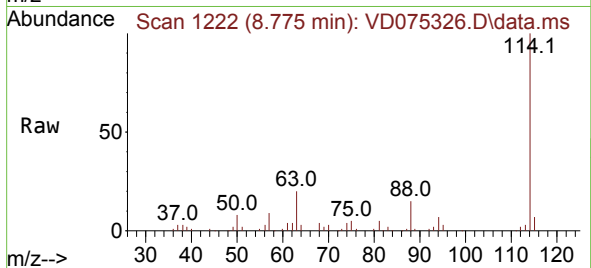
Tgt Ion:114 Resp: 115660

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.367 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

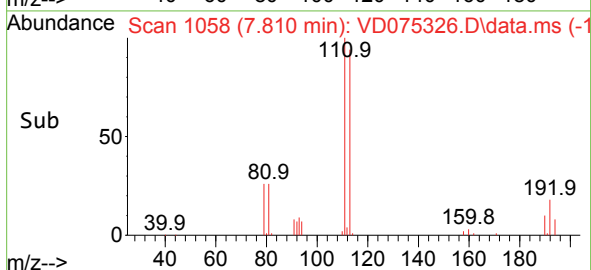
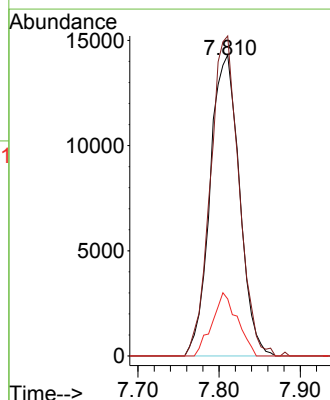
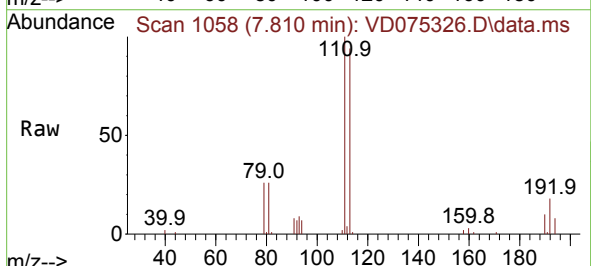
Tgt Ion:113 Resp: 35982

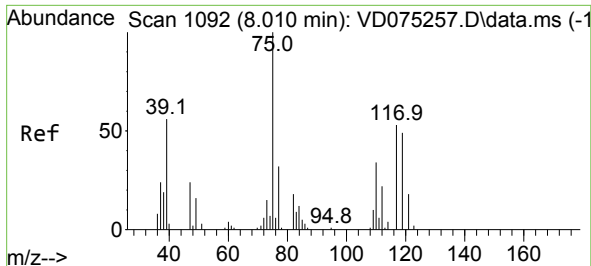
Ion Ratio Lower Upper

113 100

111 103.5 80.1 120.1

192 18.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.291 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

SB-01-5.0-7.0

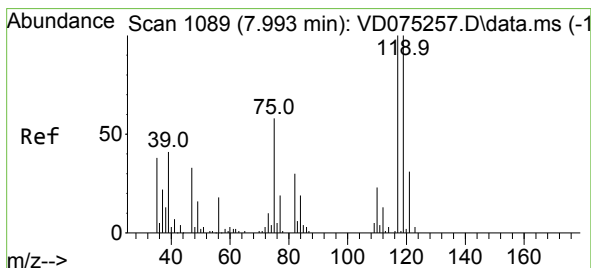
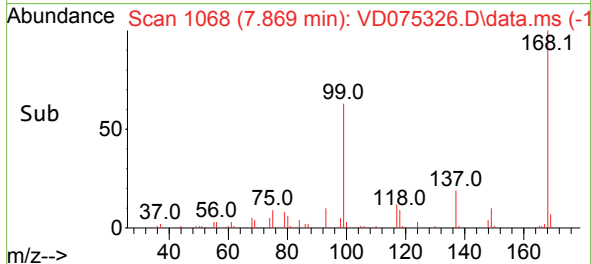
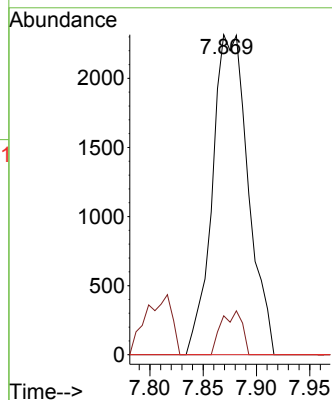
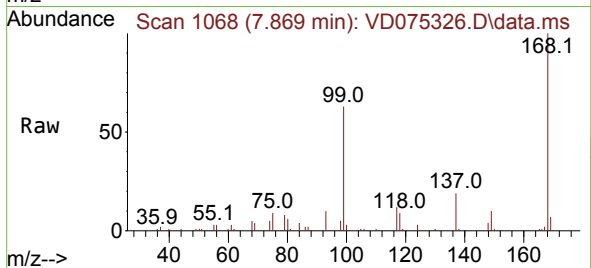
Tgt Ion: 75 Resp: 5421

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

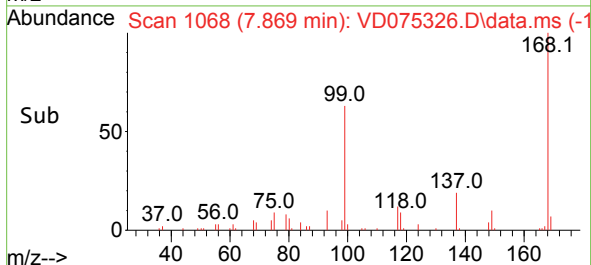
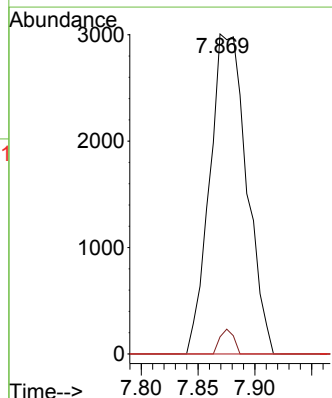
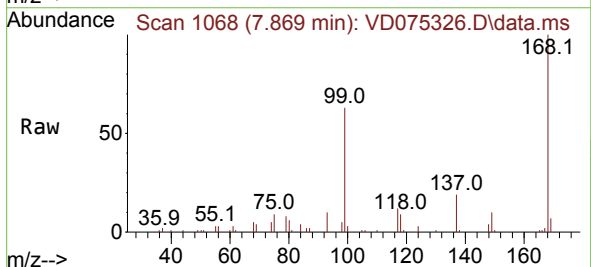
Tgt Ion: 117 Resp: 6791

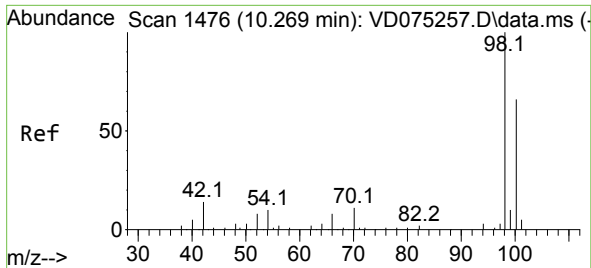
Ion Ratio Lower Upper

117 100

119 5.4 73.6 110.4#

121 0.0 25.4 38.0#

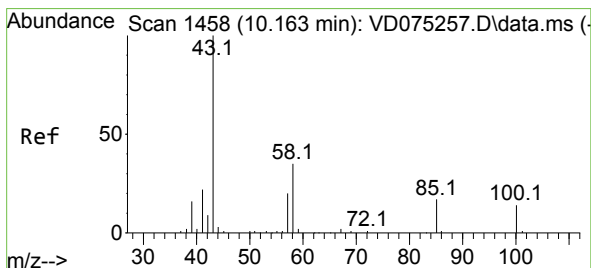
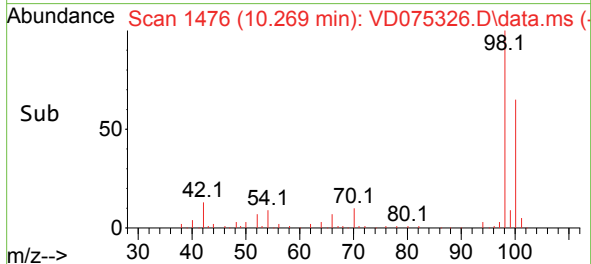
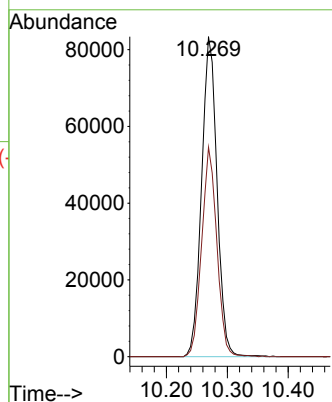
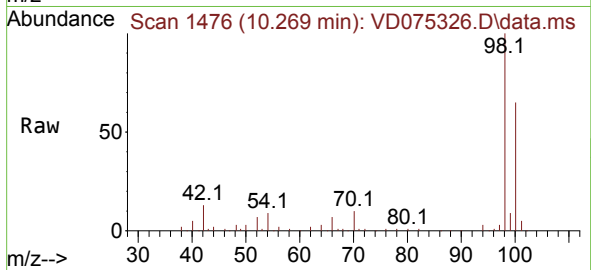




#50
Toluene-d8
Concen: 47.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

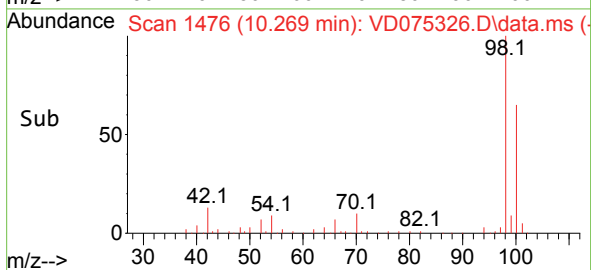
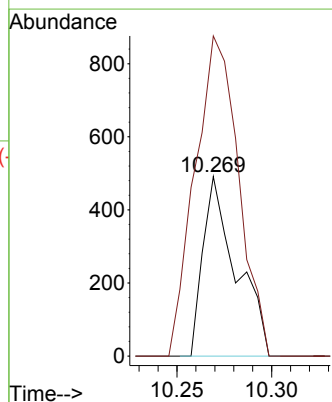
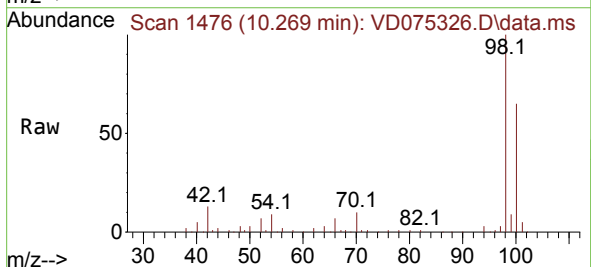
Instrument :
MSVOA_D
ClientSampleId :
SB-01-5.0-7.0

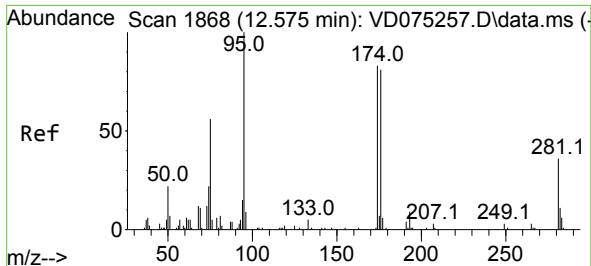
Tgt Ion: 98 Resp: 146665
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.125 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.106 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 234.4 31.4 47.0#

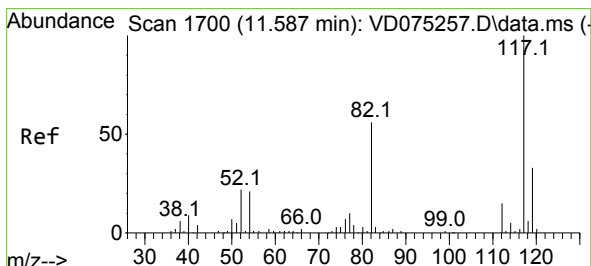
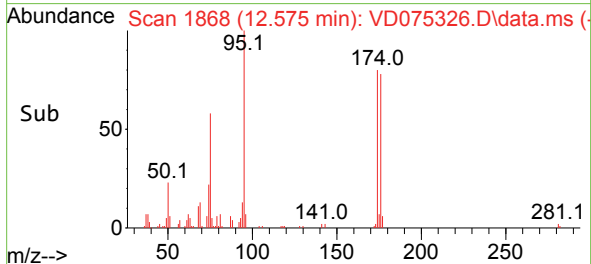
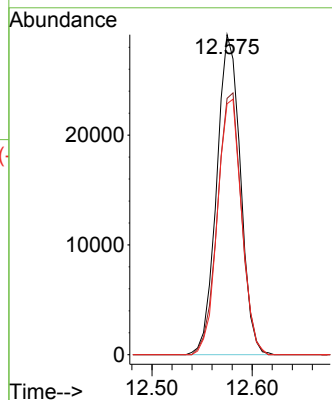
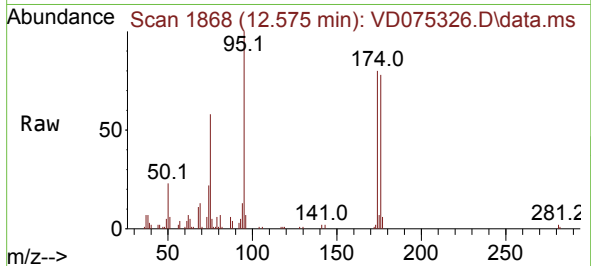




#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

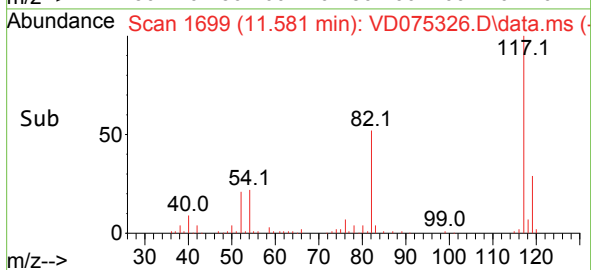
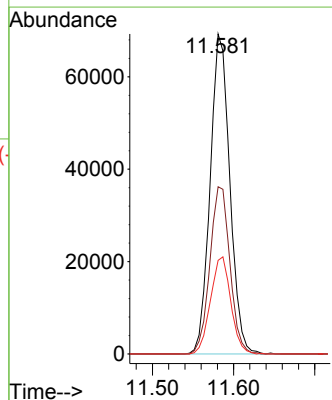
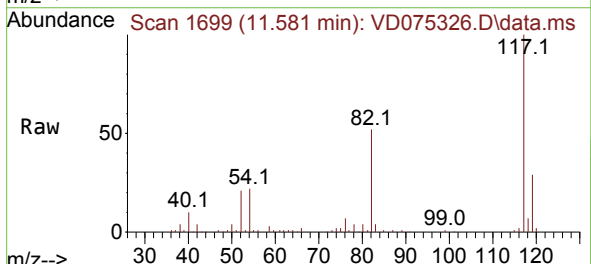
Instrument :
MSVOA_D
ClientSampleId :
SB-01-5.0-7.0

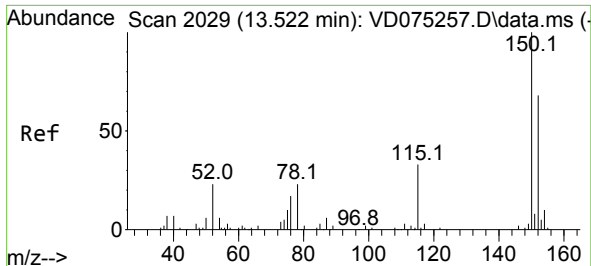
Tgt Ion: 95 Resp: 47909
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 81.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Tgt Ion: 117 Resp: 116639
Ion Ratio Lower Upper
117 100
82 52.2 39.6 59.4
119 29.2 24.6 37.0

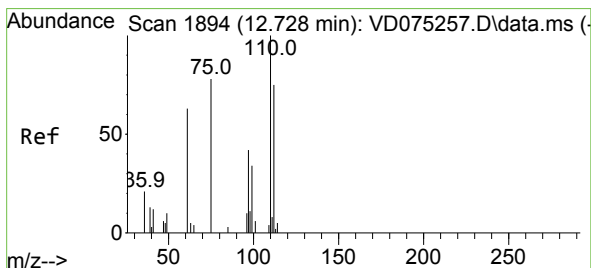
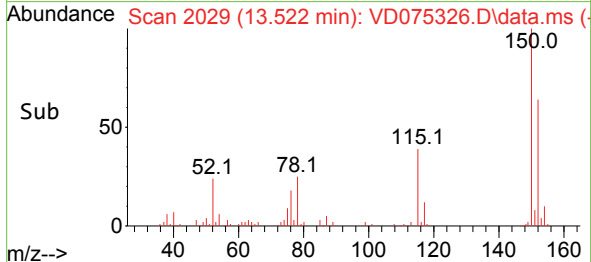
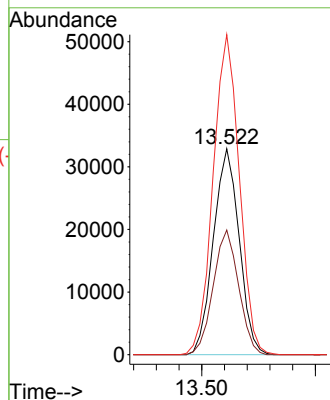
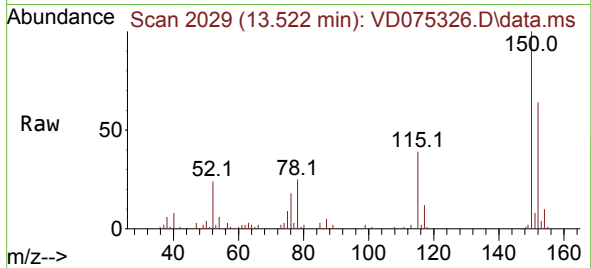




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075326.D
 Acq: 13 Feb 2023 14:26

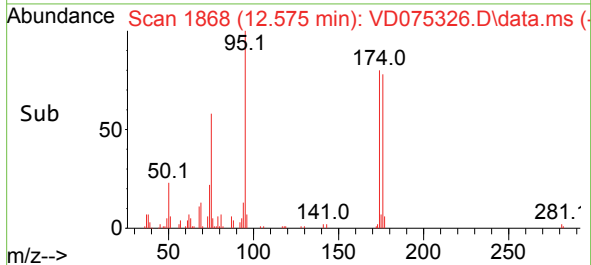
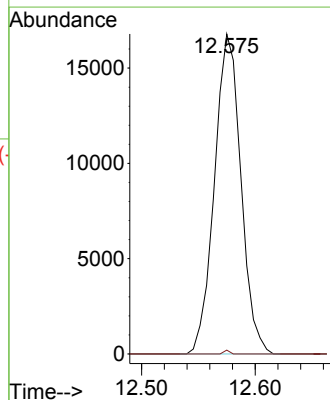
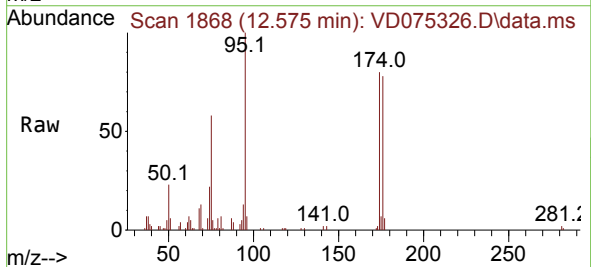
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-5.0-7.0

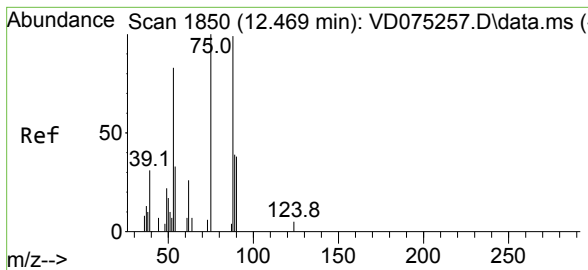
Tgt Ion:152 Resp: 51892
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.4
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.083 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075326.D
 Acq: 13 Feb 2023 14:26

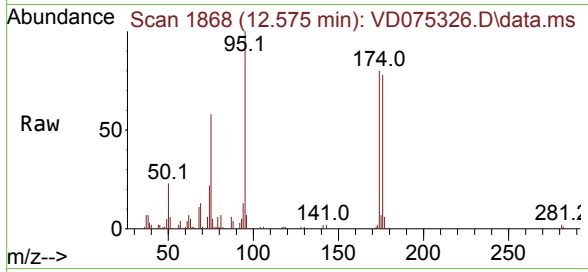
Tgt Ion: 75 Resp: 27162
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.412 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075326.D
 Acq: 13 Feb 2023 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-5.0-7.0



Tgt Ion:	75	Resp:	27162
Ion Ratio	Lower	Upper	
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

