

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075328.D
 Acq On : 13 Feb 2023 15:22
 Operator : KP/SY
 Sample : 01529-08
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-5.0-7.0

Quant Time: Feb 14 01:23:45 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)

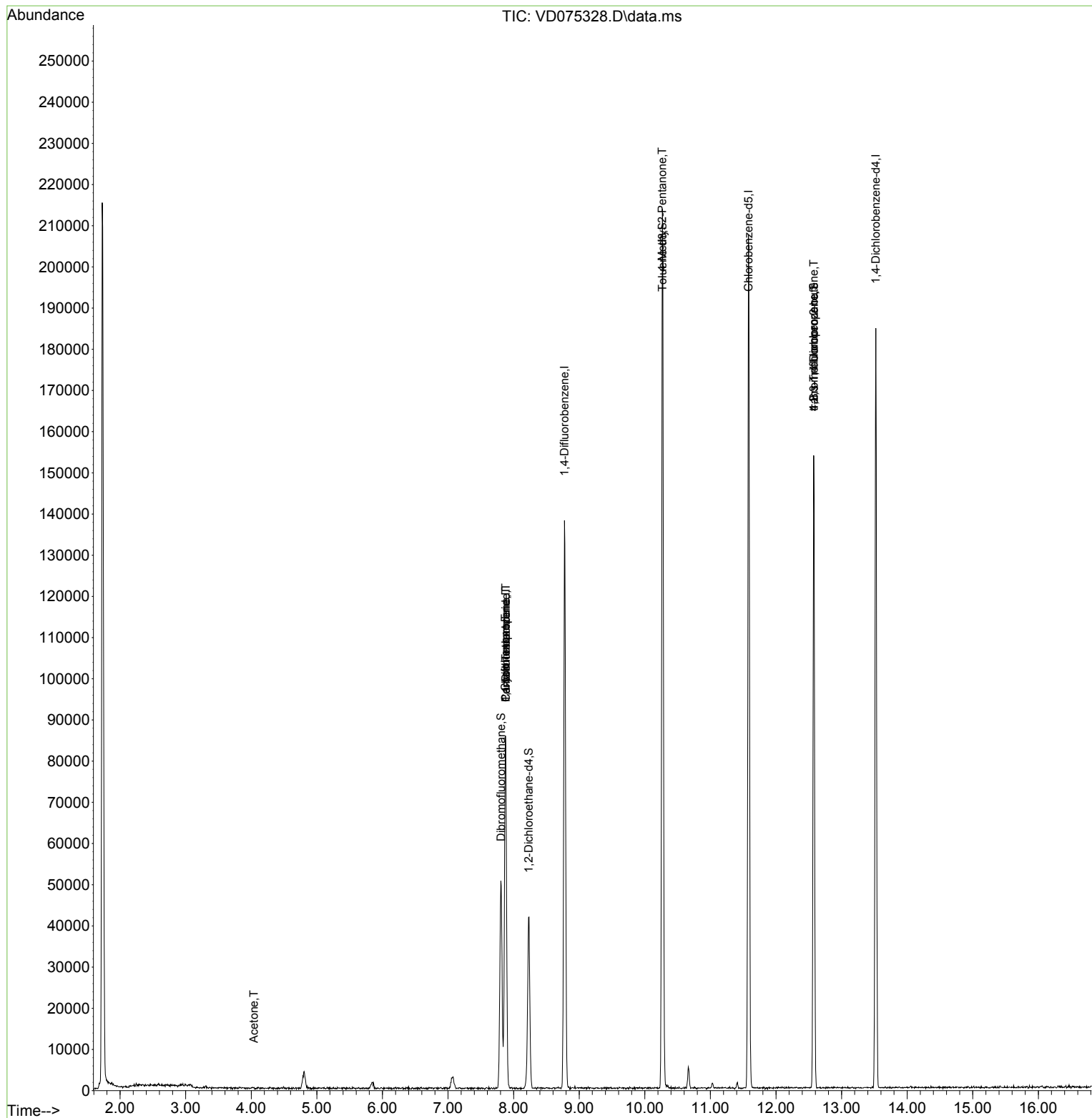
Internal Standards						
1) Pentafluorobenzene	7.881	168	63667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	114242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32393	43.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.780%		
35) Dibromofluoromethane	7.810	113	35438	44.239	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.480%		
50) Toluene-d8	10.269	98	142371	46.865	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.575	95	44466	44.390	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.780%		
Target Compounds					Qvalue	
16) Acetone	4.040	43	267	1.353	ug/l #	42
20) Methylene Chloride	4.805	84	2851	Below Cal	#	88
31) Cyclohexane	7.875	56	1688	1.273	ug/l #	55
36) 1,1-Dichloropropene	7.881	75	5271	4.224	ug/l #	48
38) Carbon Tetrachloride	7.881	117	6767	5.852	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	749	1.425	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25108	47.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25108	148.588	ug/l #	14

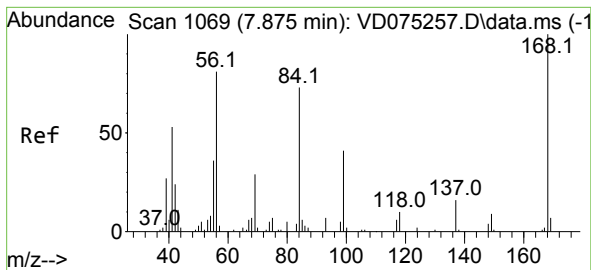
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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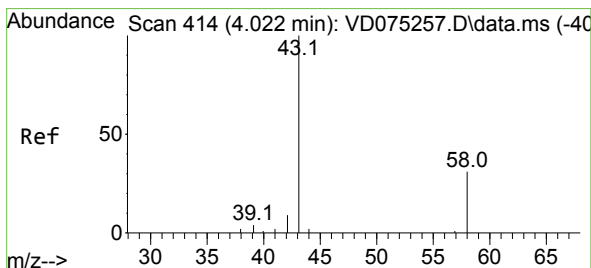
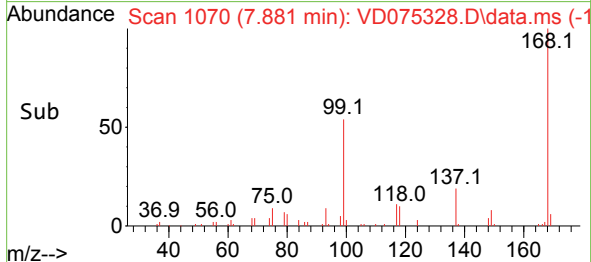
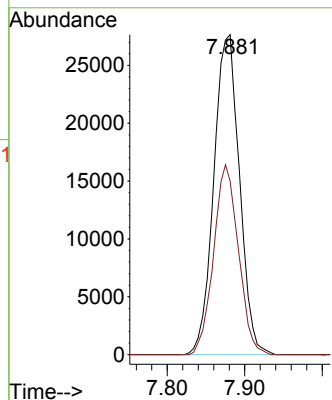
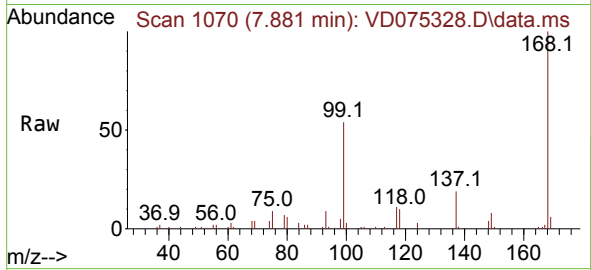




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

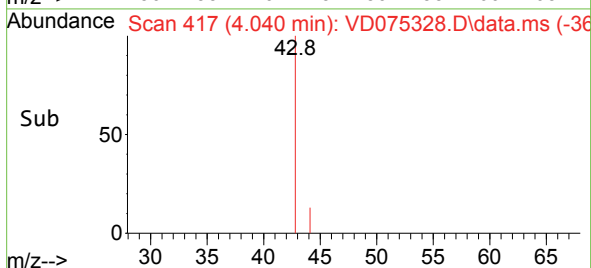
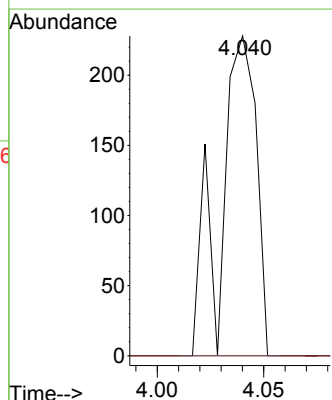
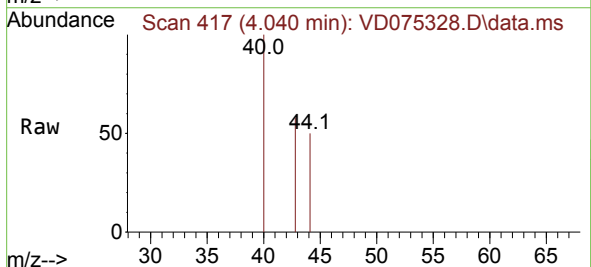
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

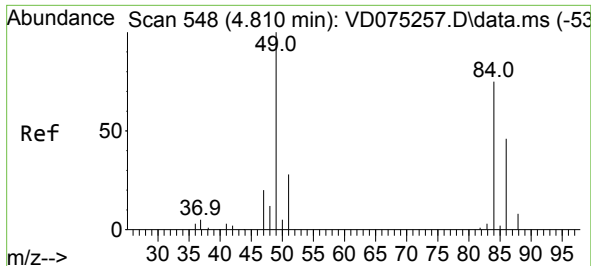
Tgt Ion:168 Resp: 63667
Ion Ratio Lower Upper
168 100
99 54.2 45.2 67.8



#16
Acetone
Concen: 1.353 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

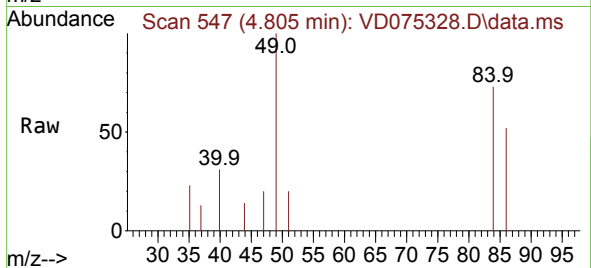
Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



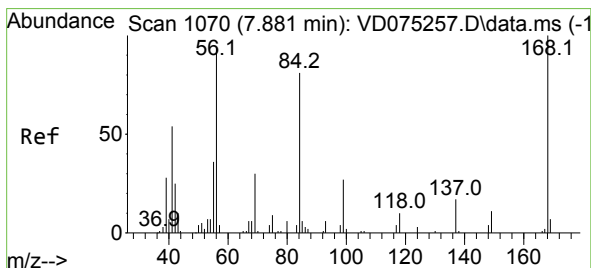
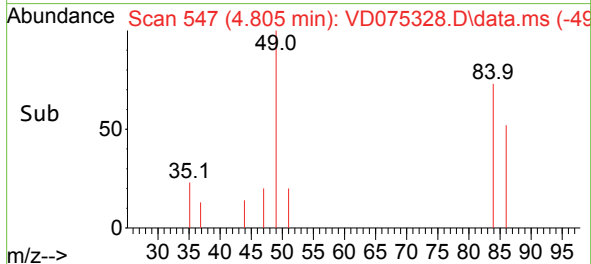
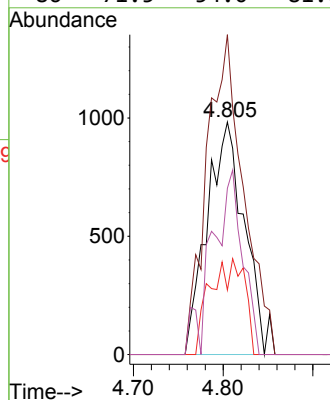


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

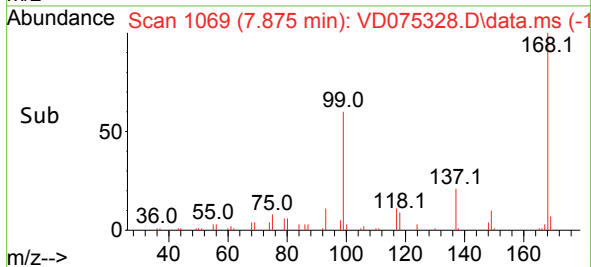
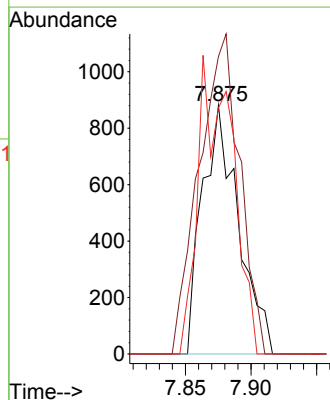
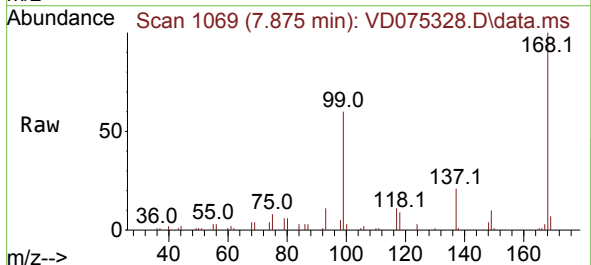


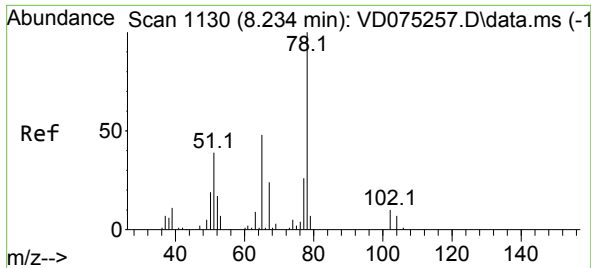
Tgt Ion:	84	Resp:	2851
Ion	Ratio	Lower	Upper
84	100		
49	137.5	97.0	145.6
51	27.8	30.9	46.3#
86	71.5	54.0	81.0



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion:	56	Resp:	1688
Ion	Ratio	Lower	Upper
56	100		
69	119.6	26.6	40.0#
84	99.0	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 43.390 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

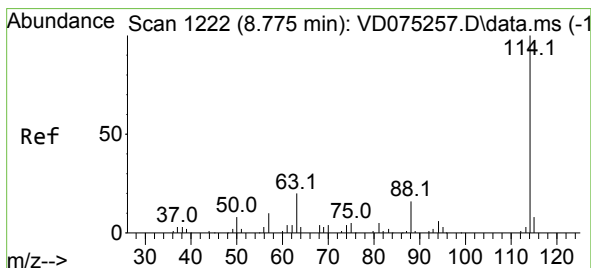
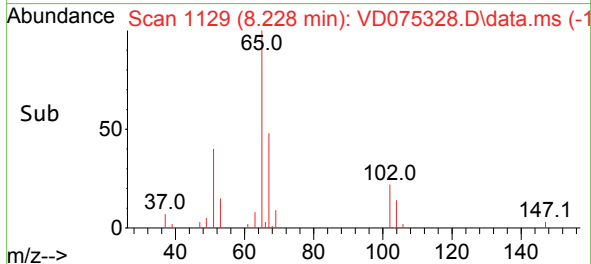
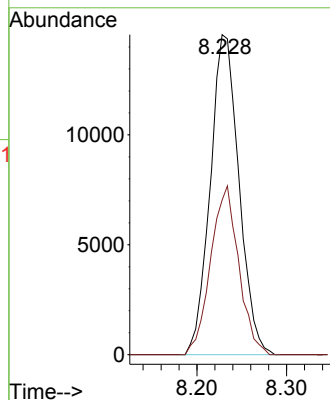
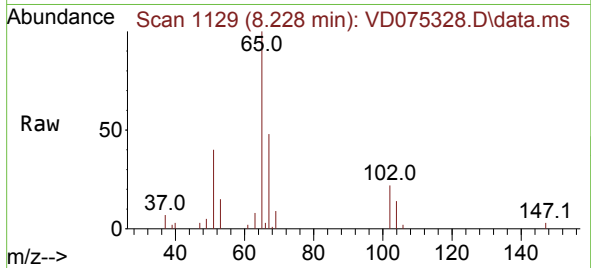
SB-05-5.0-7.0

Tgt Ion: 65 Resp: 32393

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

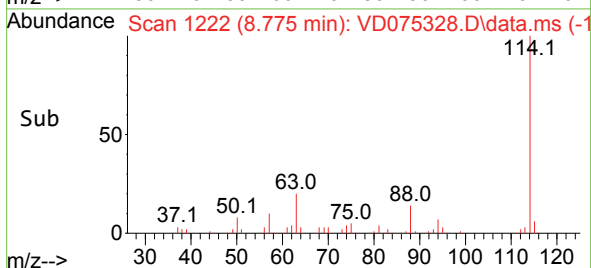
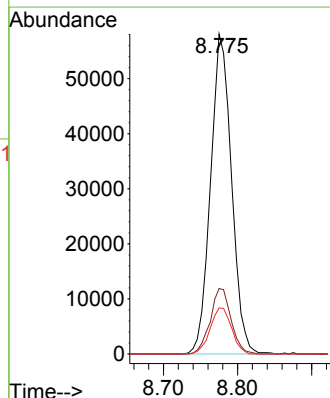
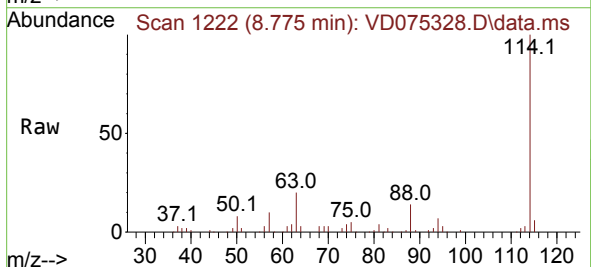
Tgt Ion:114 Resp: 114242

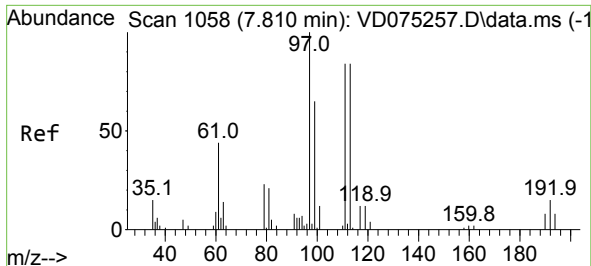
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 14.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 44.239 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-7.0

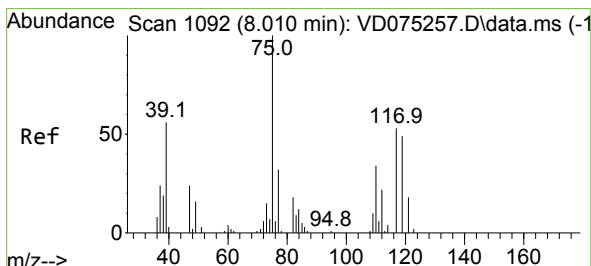
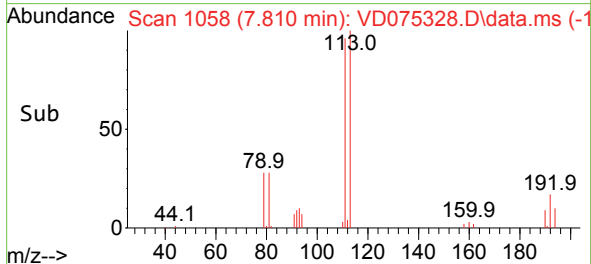
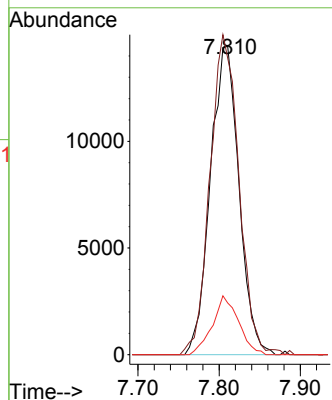
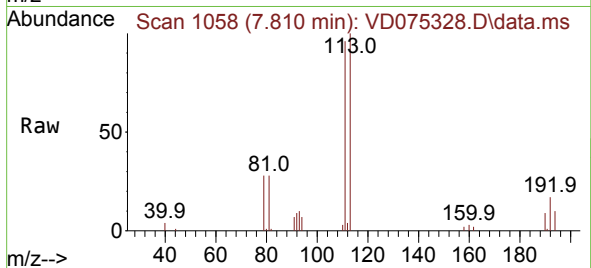
Tgt Ion:113 Resp: 35438

Ion Ratio Lower Upper

113 100

111 104.8 80.1 120.1

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.224 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

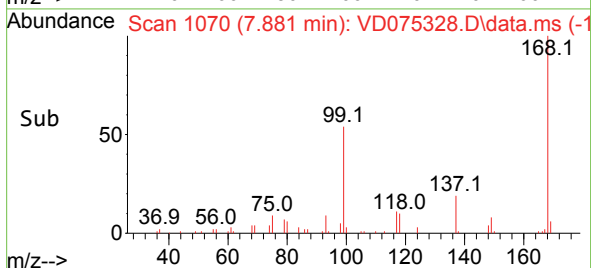
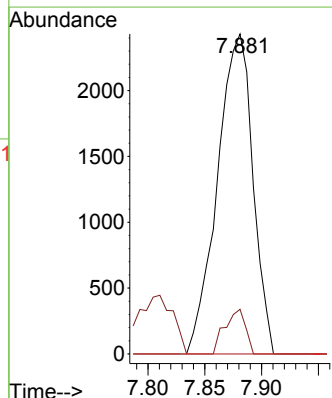
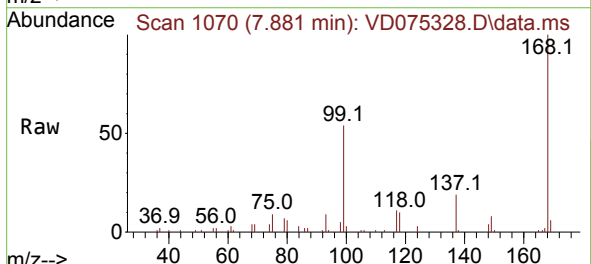
Tgt Ion: 75 Resp: 5271

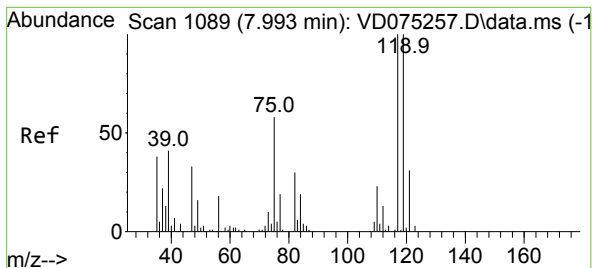
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

Lab File: VD075328.D

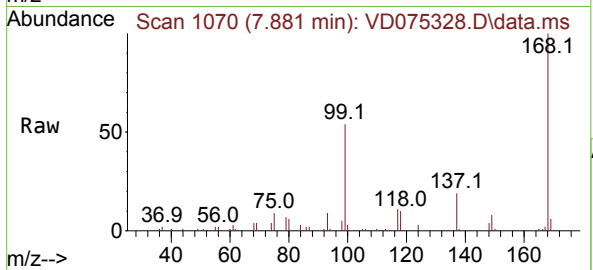
Acq: 13 Feb 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-7.0



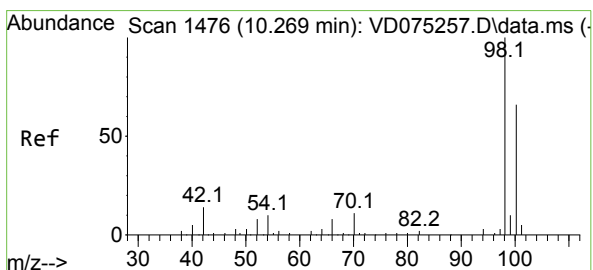
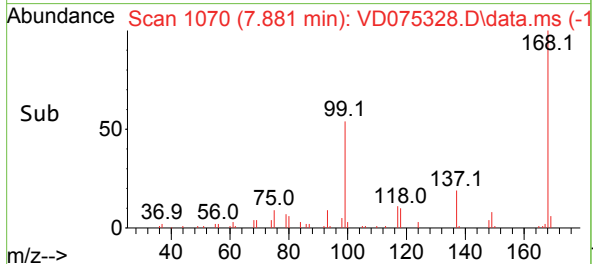
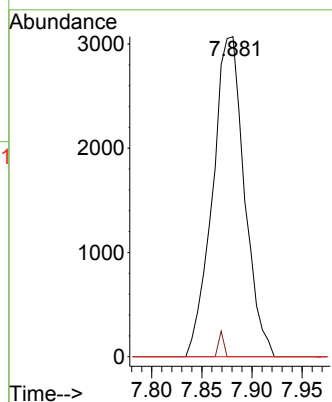
Tgt Ion:117 Resp: 6767

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 46.865 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075328.D

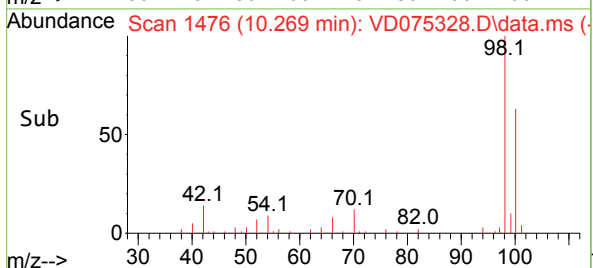
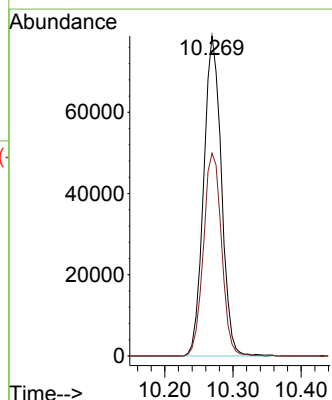
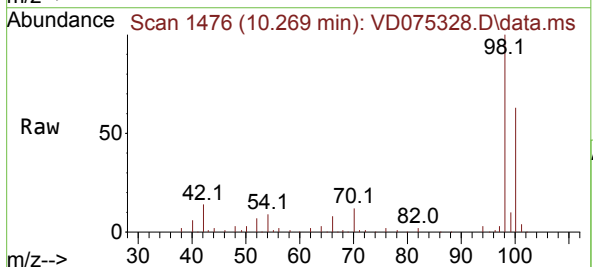
Acq: 13 Feb 2023 15:22

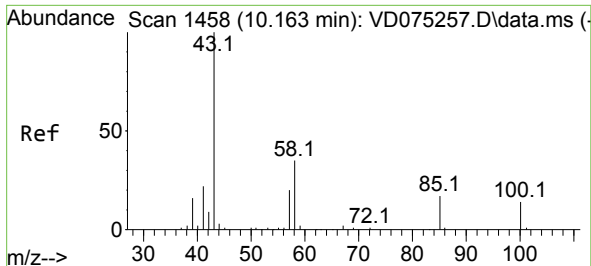
Tgt Ion: 98 Resp: 142371

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.425 ug/l

RT: 10.263 min Scan# 1458

Delta R.T. 0.100 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

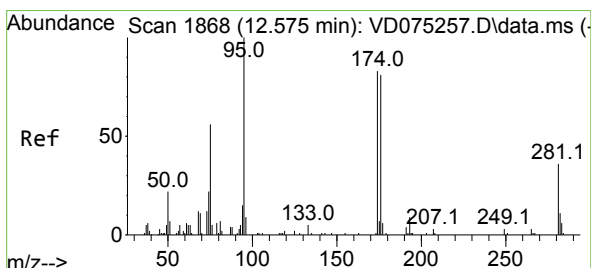
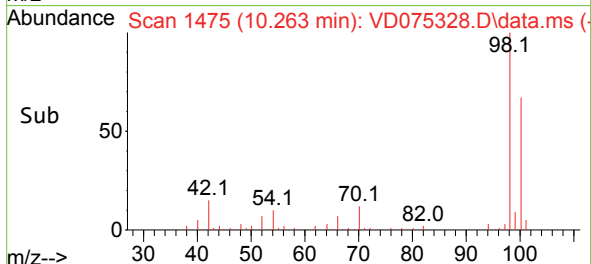
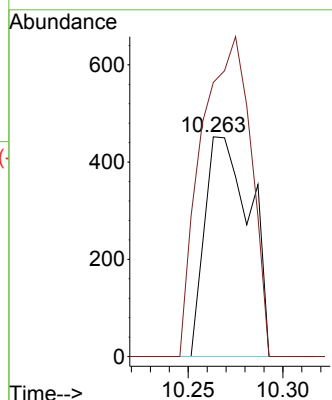
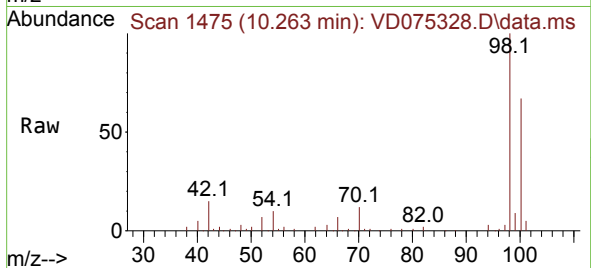
SB-05-5.0-7.0

Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

58 159.4 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 44.390 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

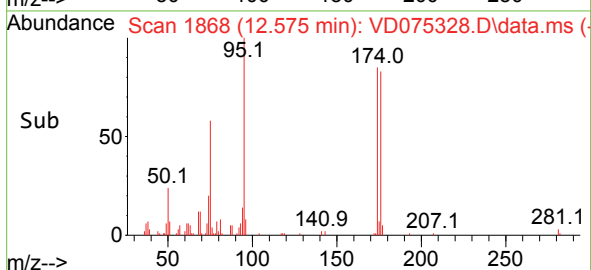
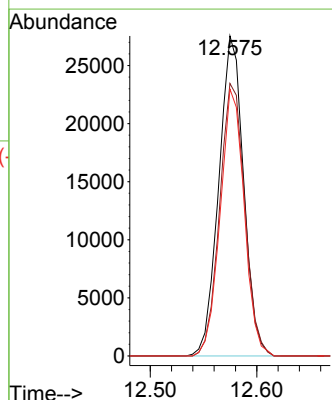
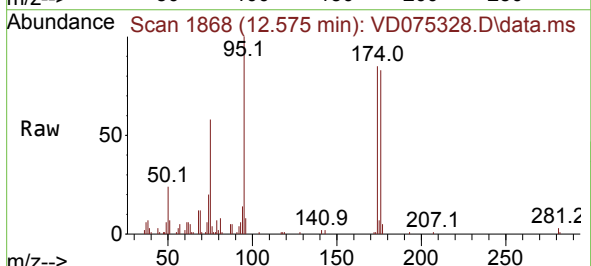
Tgt Ion: 95 Resp: 44466

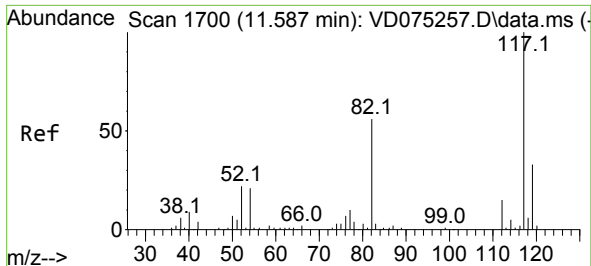
Ion Ratio Lower Upper

95 100

174 86.2 0.0 161.2

176 80.7 0.0 160.2

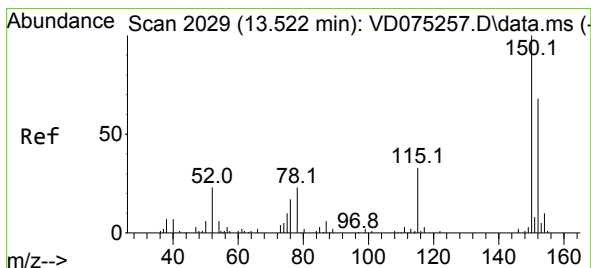
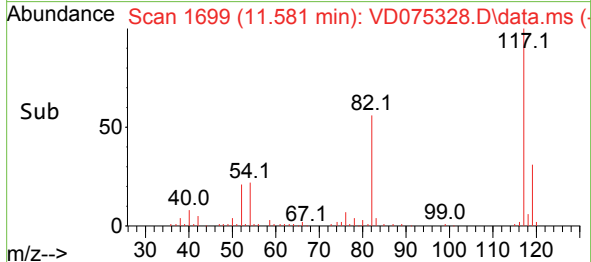
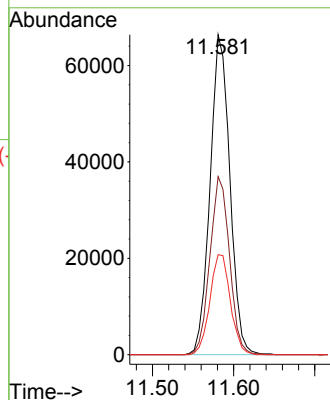
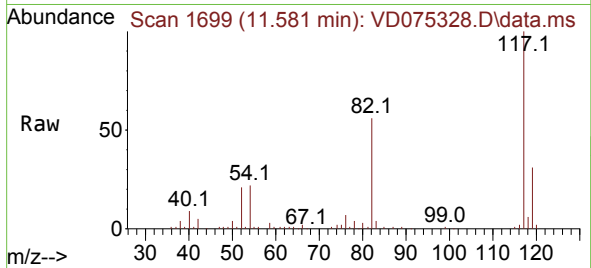




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

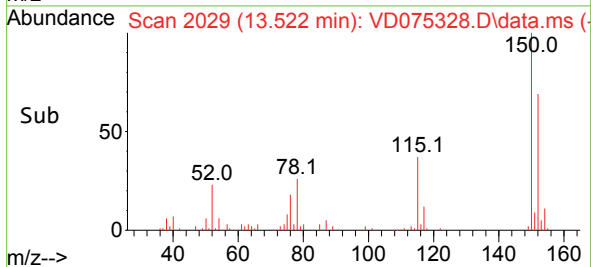
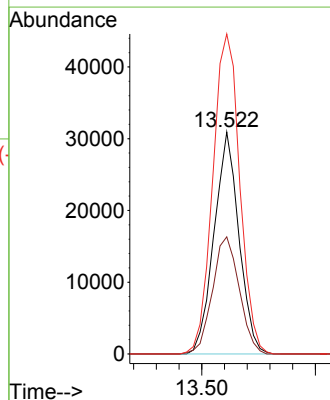
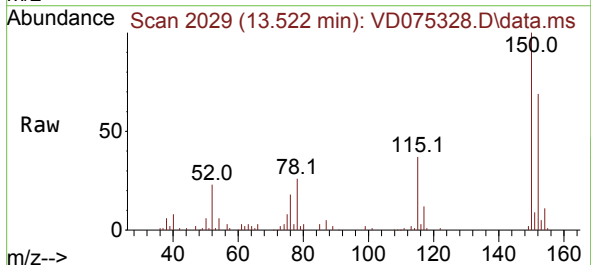
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

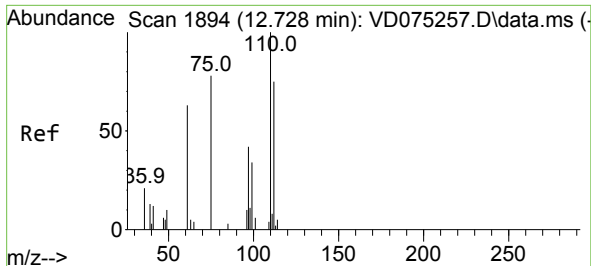
Tgt Ion:117 Resp: 112424
Ion Ratio Lower Upper
117 100
82 55.6 39.6 59.4
119 31.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion:152 Resp: 46928
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.4
150 156.6 0.0 348.6

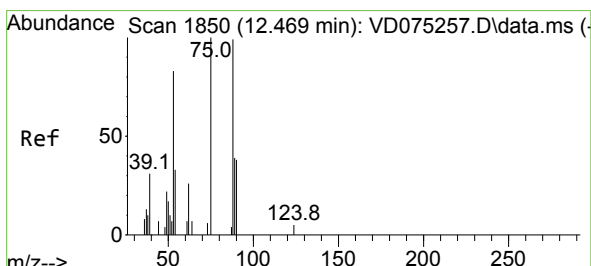
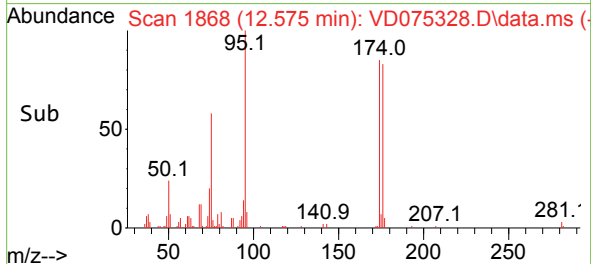
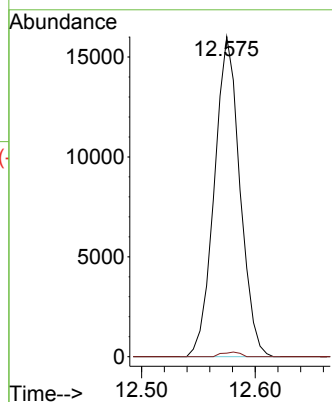
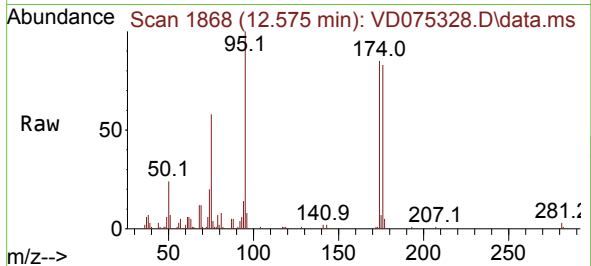




#76
1,2,3-Trichloropropane
Concen: 47.104 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

Tgt Ion: 75 Resp: 25108
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.588 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion: 75 Resp: 25108
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

