

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075354.D
 Acq On : 17 Feb 2023 14:29
 Operator : KP/SY
 Sample : 01593-02
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-13-SB03

Quant Time: Feb 18 01:05:58 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)

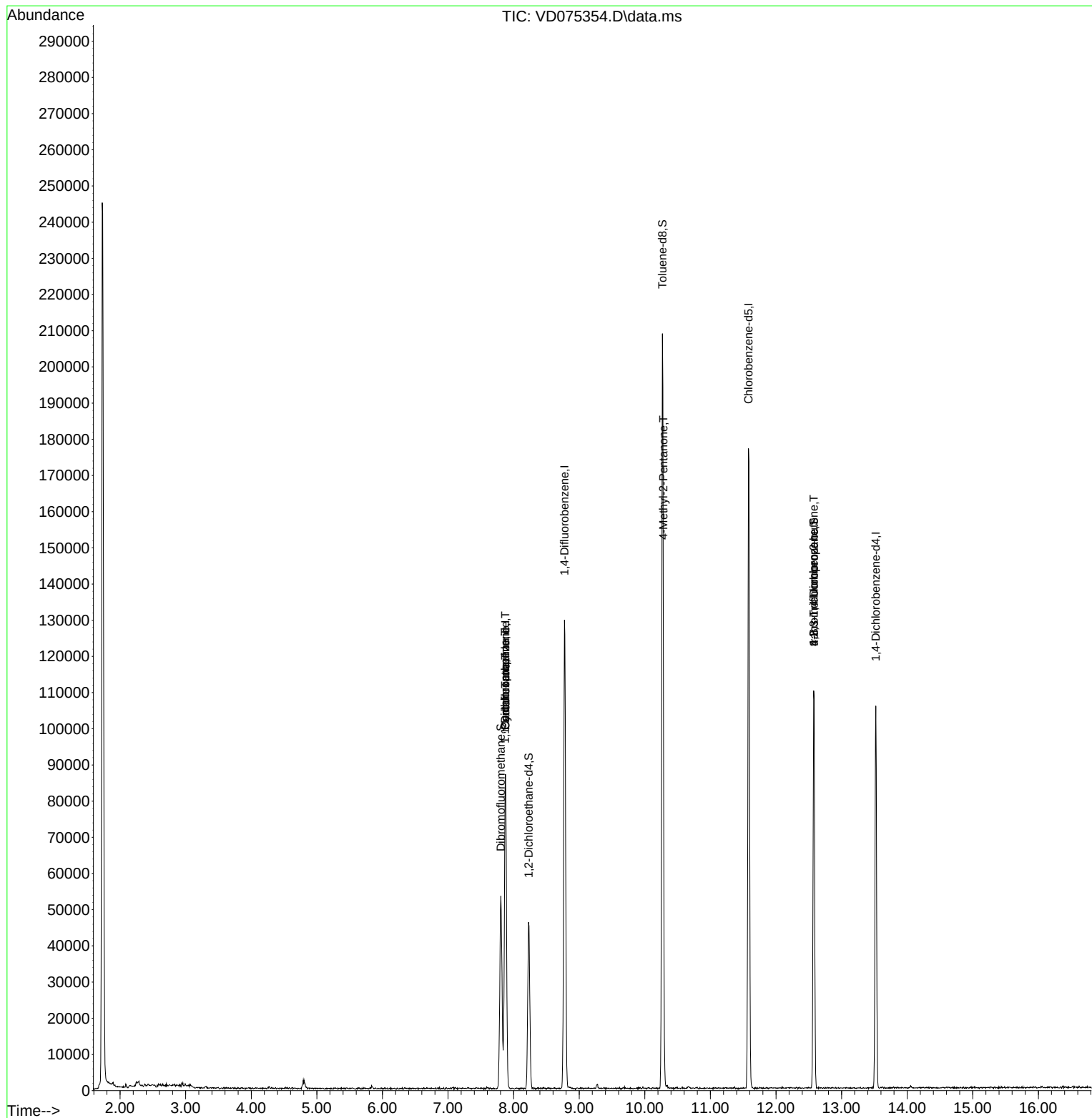
Internal Standards						
1) Pentafluorobenzene	7.875	168	65012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	109152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	98382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35745	46.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.805	113	36754	48.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.040%
50) Toluene-d8	10.269	98	135784	46.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.575	95	33445	34.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	126	Below Cal	#	41
20) Methylene Chloride	4.805	84	1570	Below Cal		88
31) Cyclohexane	7.875	56	1942	1.435	ug/l #	60
36) 1,1-Dichloropropene	7.869	75	5376	4.509	ug/l #	47
38) Carbon Tetrachloride	7.875	117	6903	6.248	ug/l #	14
51) 4-Methyl-2-Pentanone	10.281	43	704	1.402	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	19080	62.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	19080	197.391	ug/l #	14

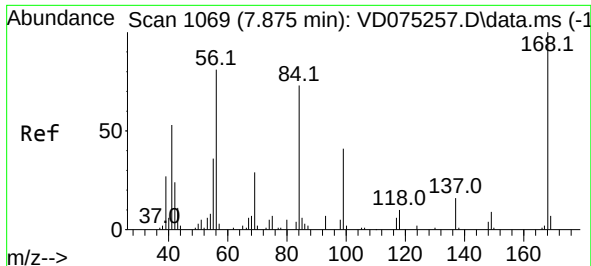
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

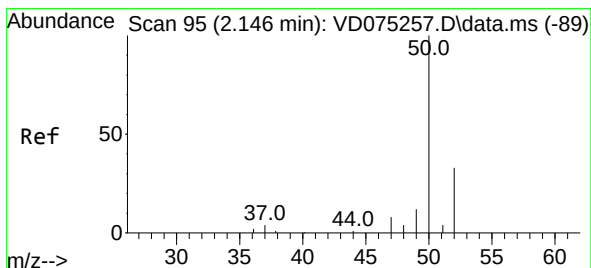
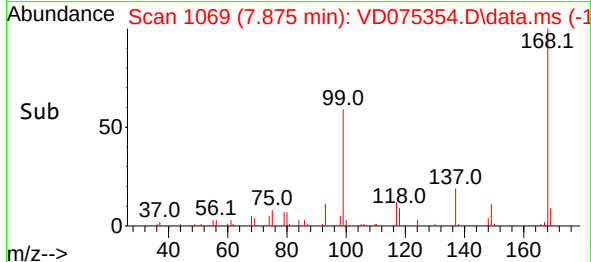
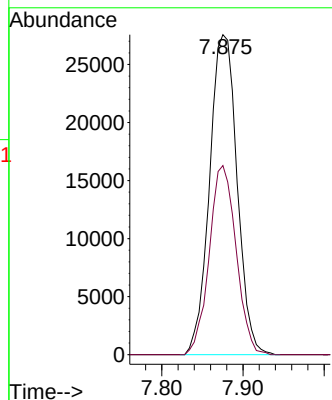
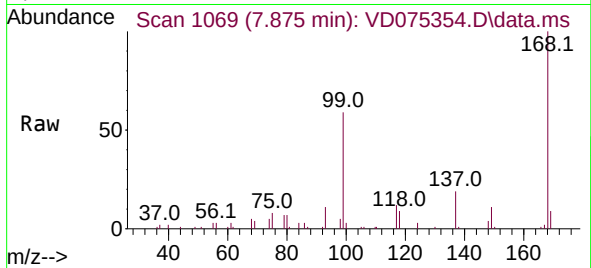




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

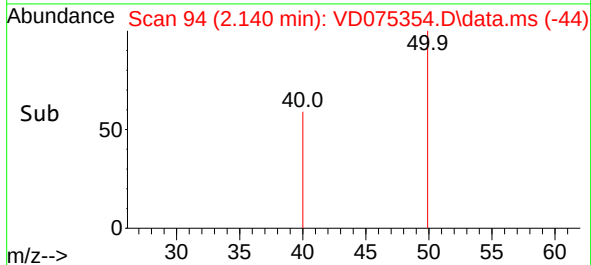
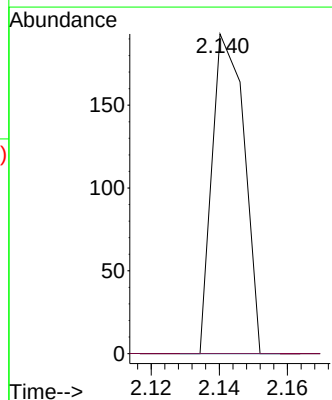
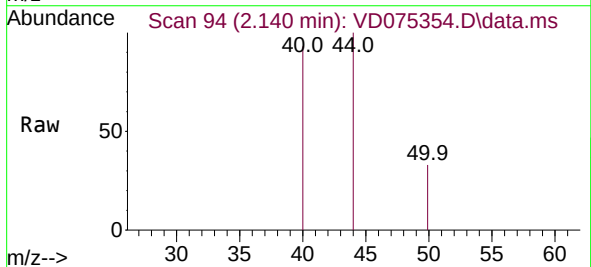
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB03

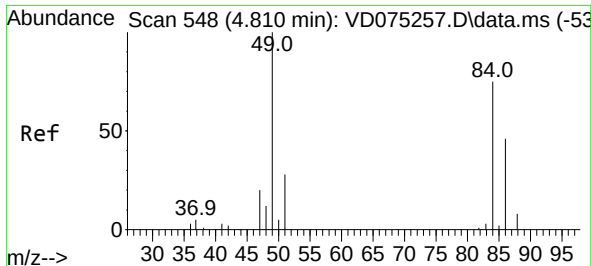
Tgt Ion:168 Resp: 65012
Ion Ratio Lower Upper
168 100
99 59.1 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

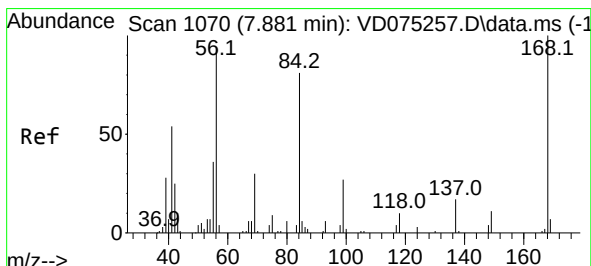
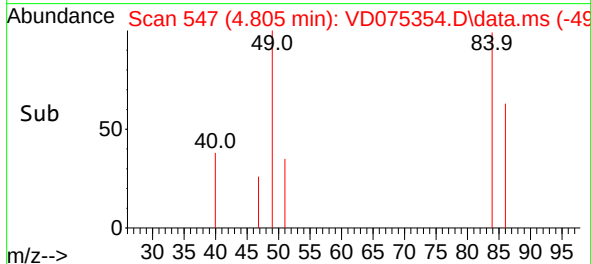
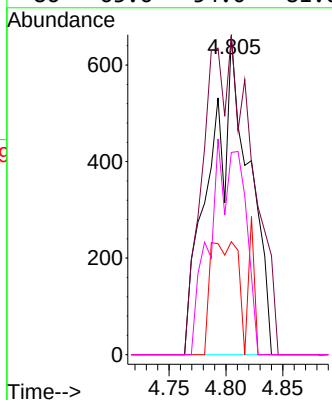
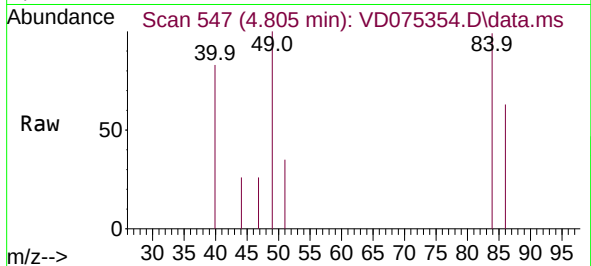




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

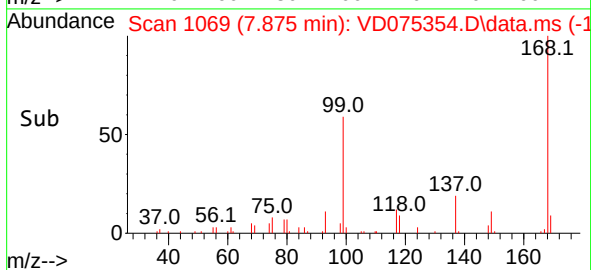
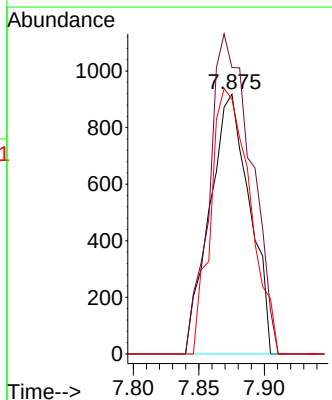
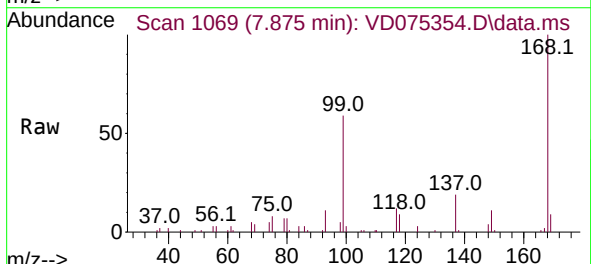
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB03

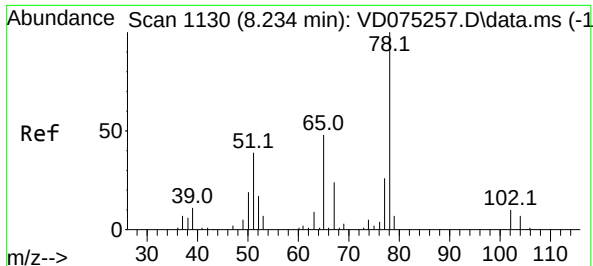
Tgt Ion:	84	Resp:	1570
Ion	Ratio	Lower	Upper
84	100		
49	100.6	97.0	145.6
51	35.5	30.9	46.3
86	63.6	54.0	81.0



#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion:	56	Resp:	1942
Ion	Ratio	Lower	Upper
56	100		
69	110.2	26.6	40.0#
84	98.0	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 46.890 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075354.D

Acq: 17 Feb 2023 14:29

Instrument :

MSVOA_D

ClientSampleId :

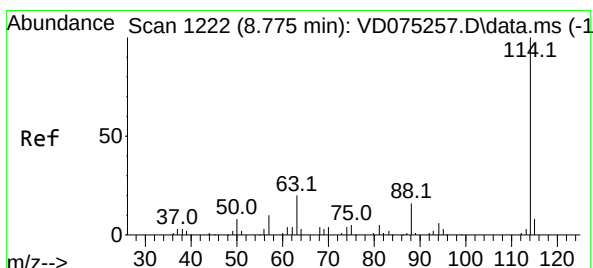
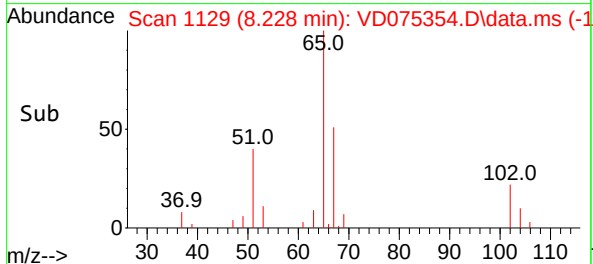
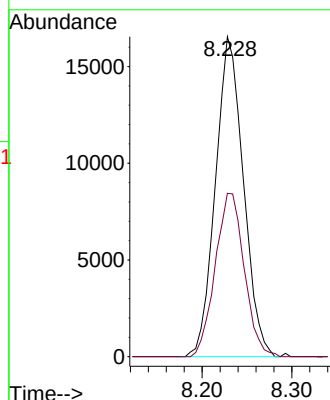
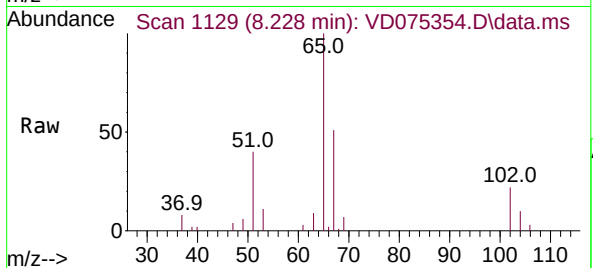
B-13-SB03

Tgt Ion: 65 Resp: 35745

Ion Ratio Lower Upper

65 100

67 52.9 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: VD075354.D

Acq: 17 Feb 2023 14:29

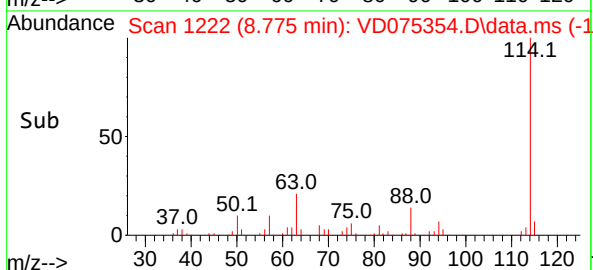
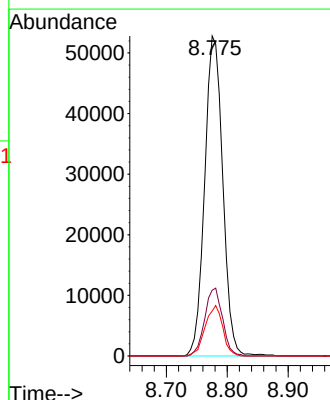
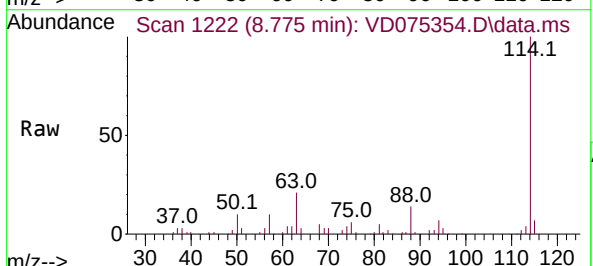
Tgt Ion:114 Resp: 109152

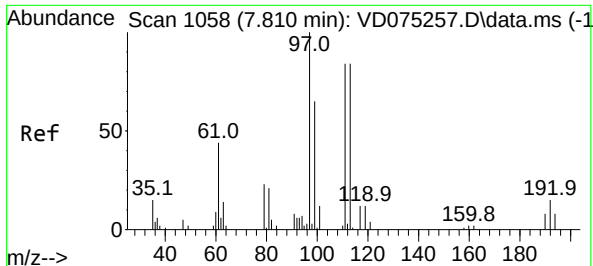
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075354.D

Acq: 17 Feb 2023 14:29

Instrument :

MSVOA_D

ClientSampleId :

B-13-SB03

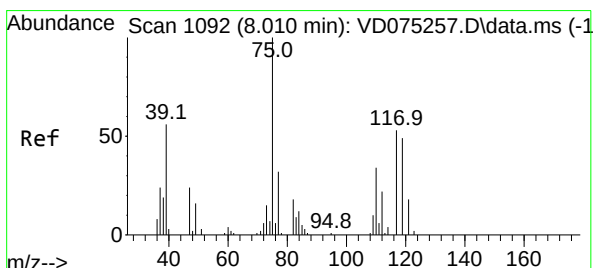
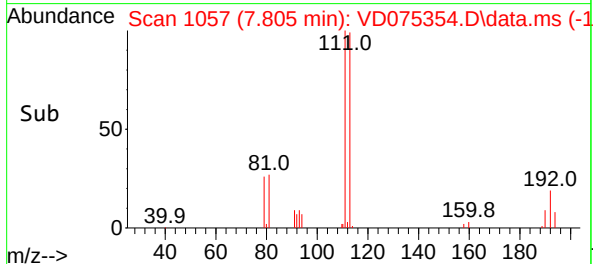
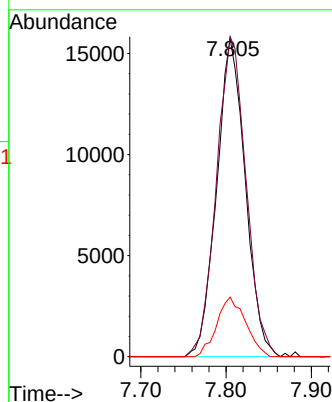
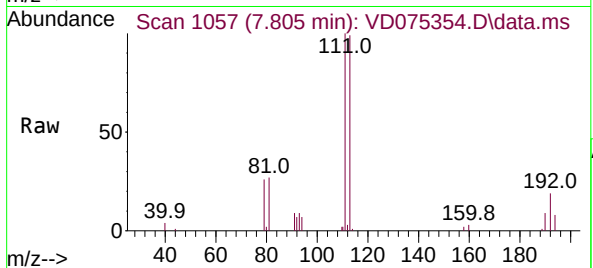
Tgt Ion:113 Resp: 36754

Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 18.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075354.D

Acq: 17 Feb 2023 14:29

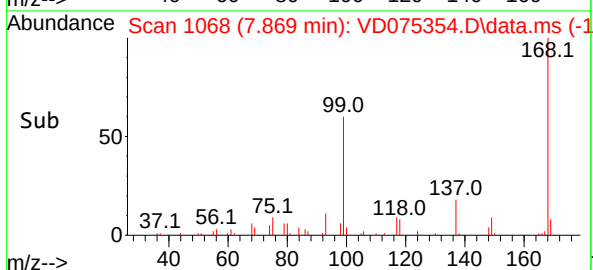
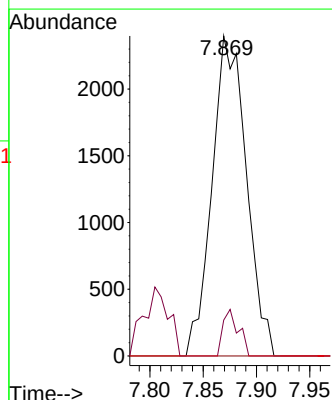
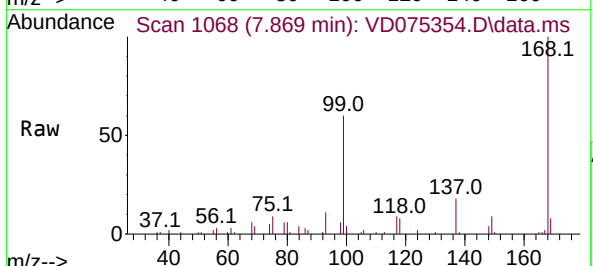
Tgt Ion: 75 Resp: 5376

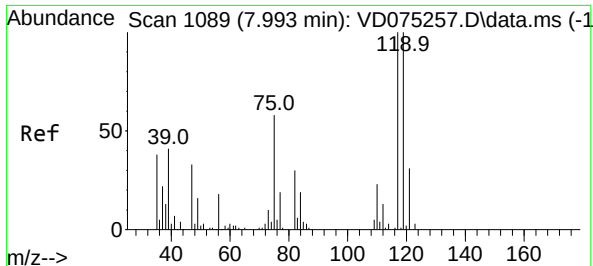
Ion Ratio Lower Upper

75 100

110 6.5 18.1 54.4#

77 0.0 25.1 37.7#

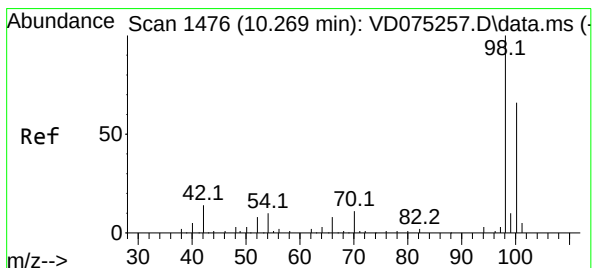
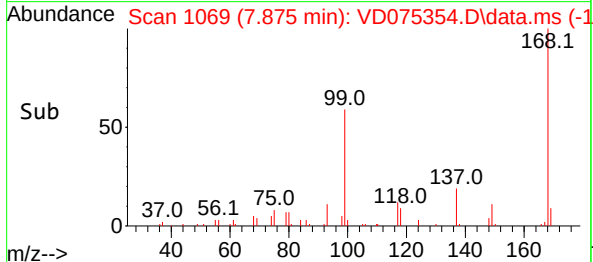
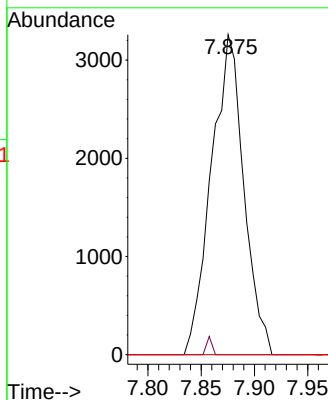
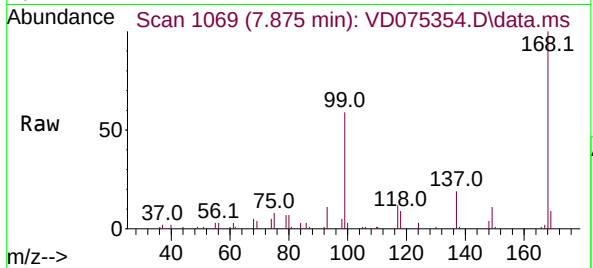




#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

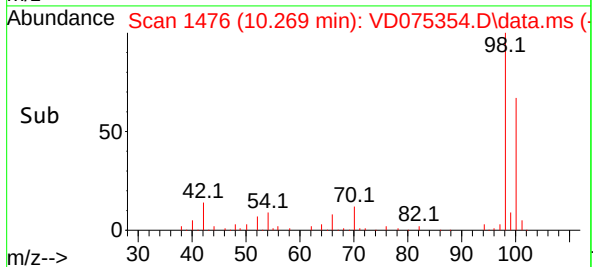
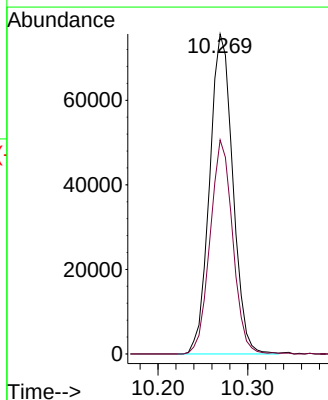
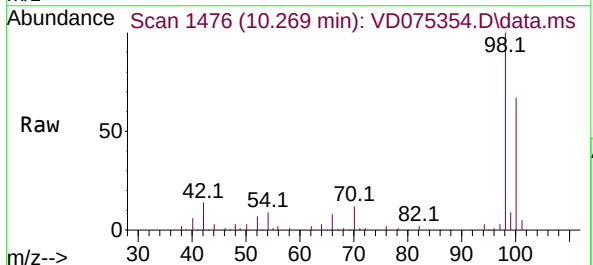
Instrument :
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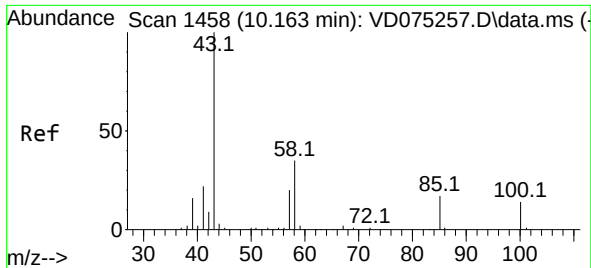
Tgt Ion:117 Resp: 6903
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 46.781 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion: 98 Resp: 135784
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

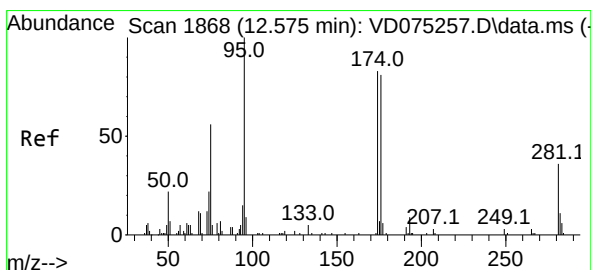
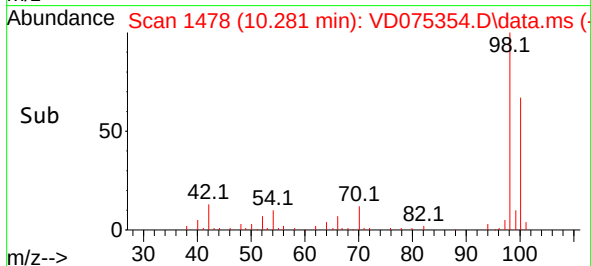
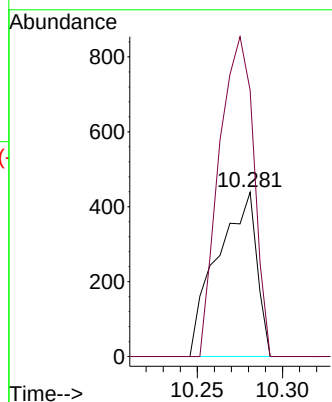
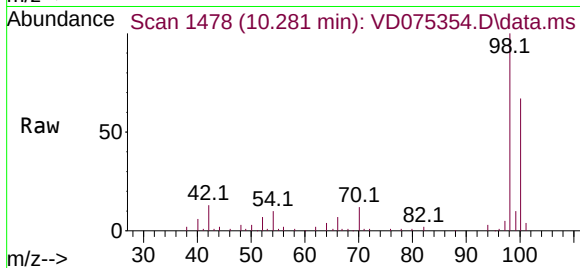




#51
4-Methyl-2-Pentanone
Concen: 1.402 ug/l
RT: 10.281 min Scan# 1458
Delta R.T. 0.118 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

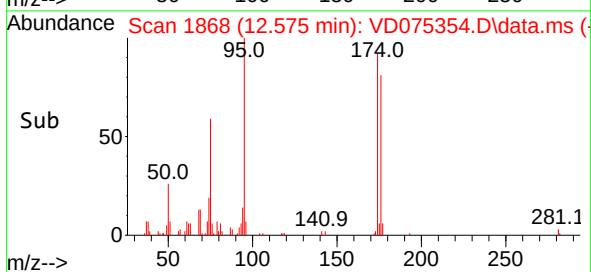
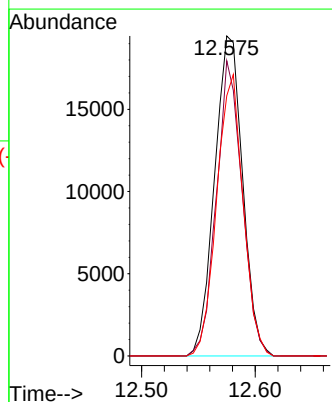
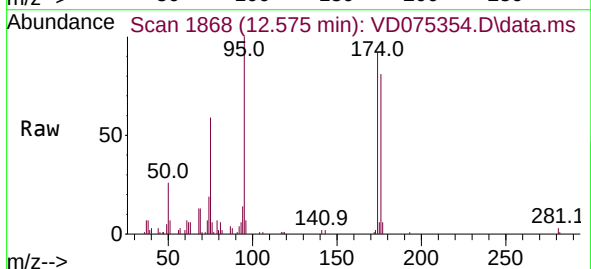
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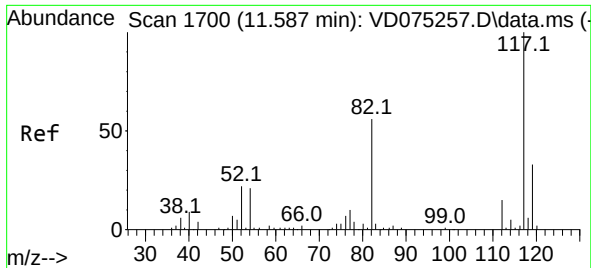
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 171.0 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 34.945 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion: 95 Resp: 33445
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.2
176 82.8 0.0 160.2

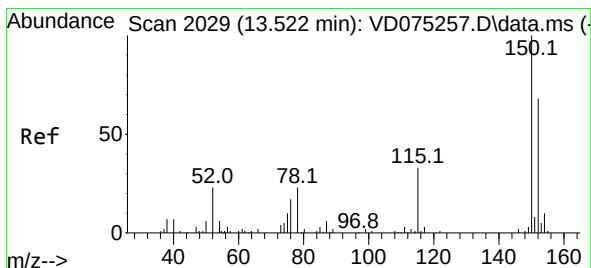
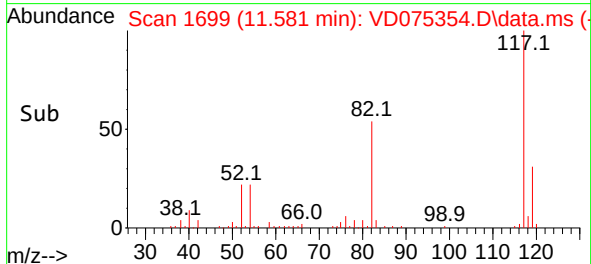
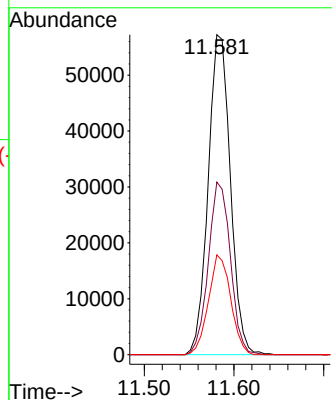
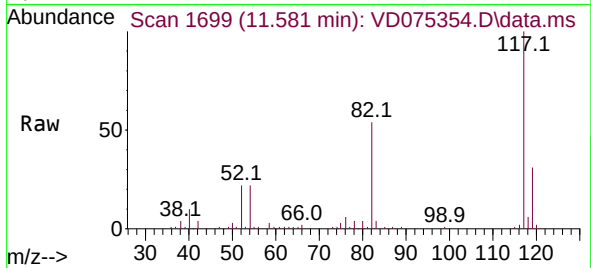




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

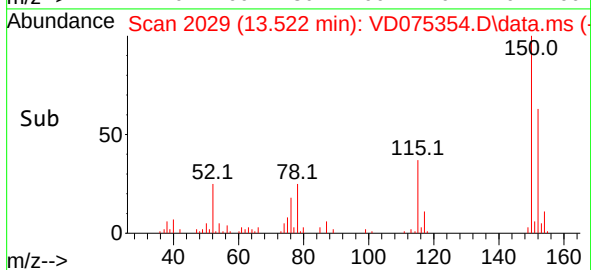
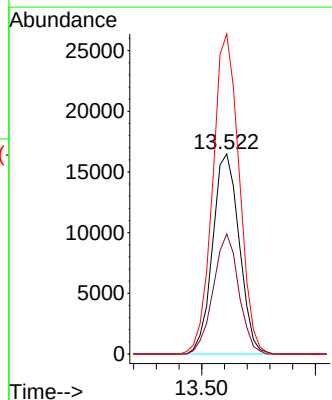
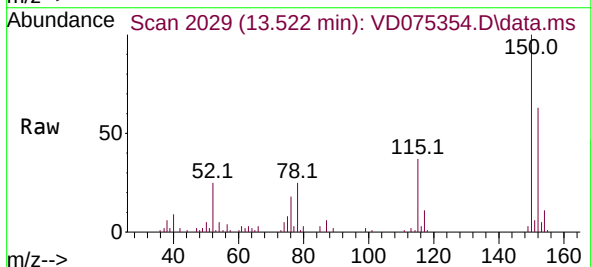
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB03

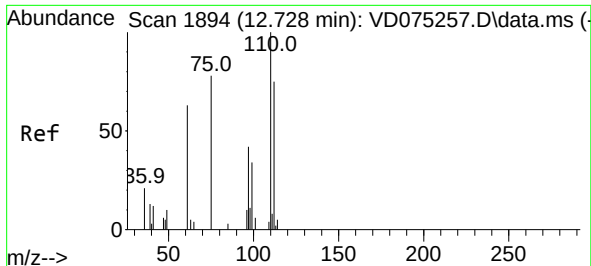
Tgt Ion:117 Resp: 98382
Ion Ratio Lower Upper
117 100
82 54.0 39.6 59.4
119 31.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion:152 Resp: 26750
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.4
150 159.4 0.0 348.6

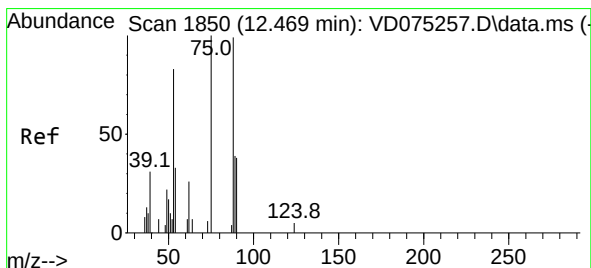
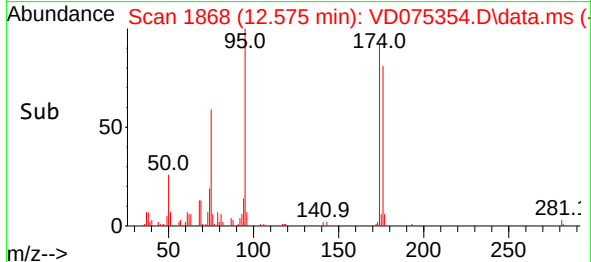
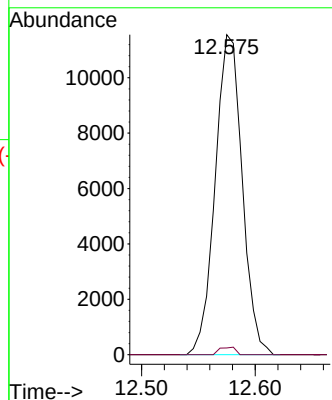
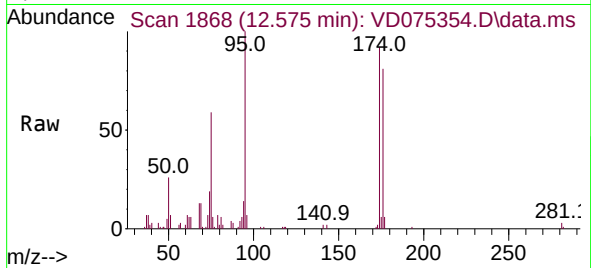




#76
1,2,3-Trichloropropane
Concen: 62.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
B-13-SB03

Tgt Ion: 75 Resp: 19080
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 197.391 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075354.D
Acq: 17 Feb 2023 14:29

Tgt Ion: 75 Resp: 19080
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

