

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074469.D
 Acq On : 06 Oct 2022 16:36
 Operator : VA/SY
 Sample : N5014-06
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Oct 07 01:26:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

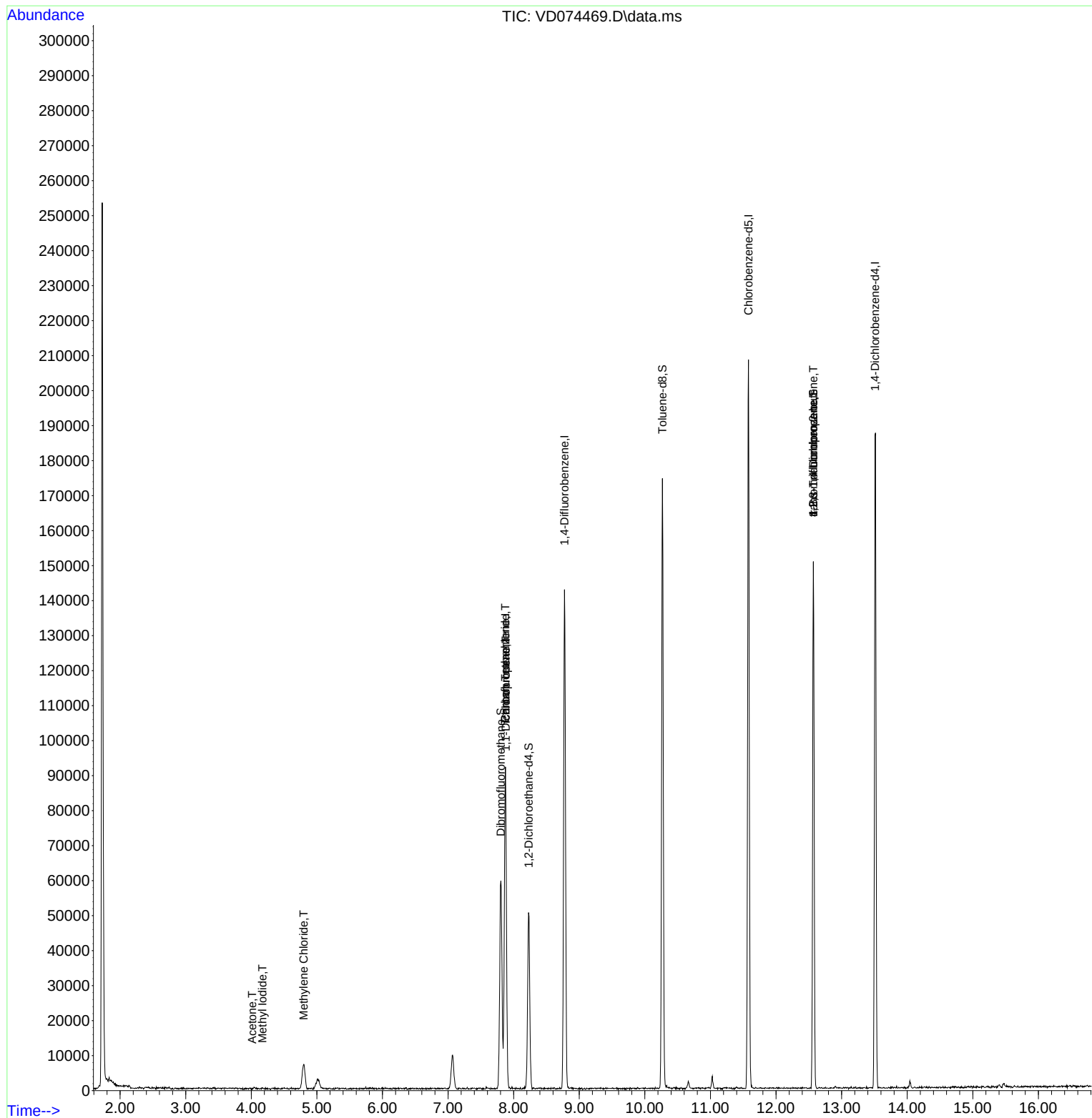
Internal Standards						
1) Pentafluorobenzene	7.875	168	72844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	134513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	126674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	52827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39553	61.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.220%	
35) Dibromofluoromethane	7.804	113	44955	50.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.360%	
50) Toluene-d8	10.269	98	125610	39.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.360%	
62) 4-Bromofluorobenzene	12.569	95	46014	45.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	57	5.860	ug/l #	19
11) Tert butyl alcohol	5.010	59	2655	Below Cal	#	84
16) Acetone	4.016	43	54	12.260	ug/l #	37
20) Methylene Chloride	4.799	84	6452	1.421	ug/l	90
36) 1,1-Dichloropropene	7.881	75	5634	4.525	ug/l #	45
38) Carbon Tetrachloride	7.875	117	7323	6.637	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	22916	56.510	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	22916	126.081	ug/l #	17

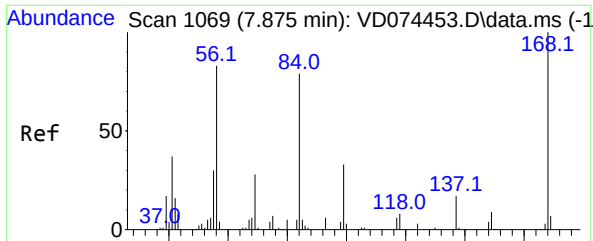
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-07-0-2.0

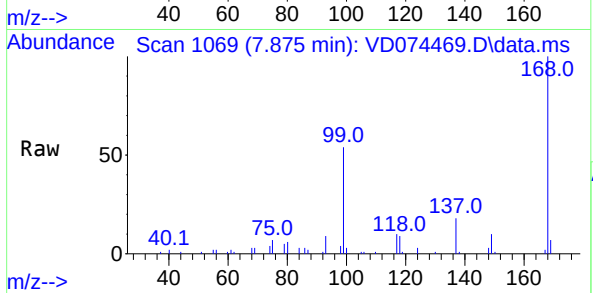
Quant Time: Oct 07 01:26:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
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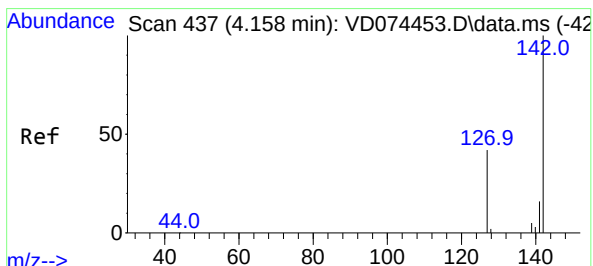
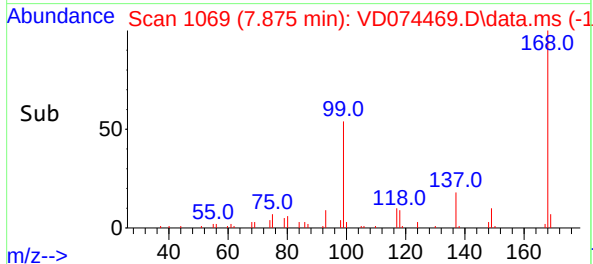
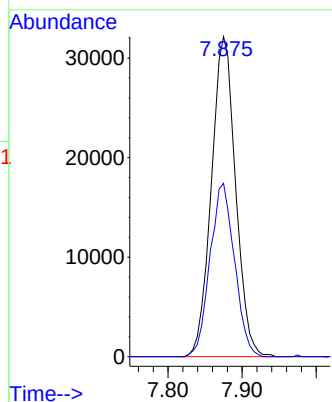


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

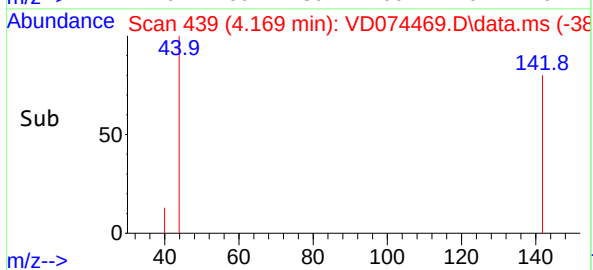
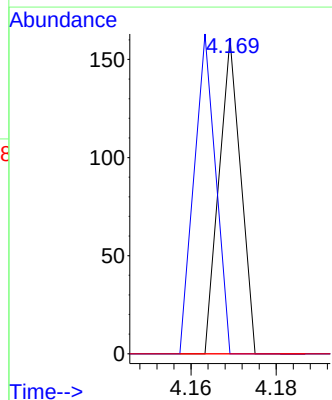
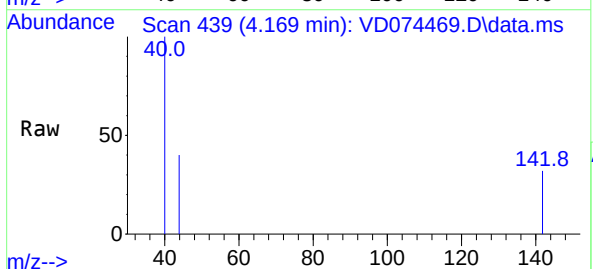


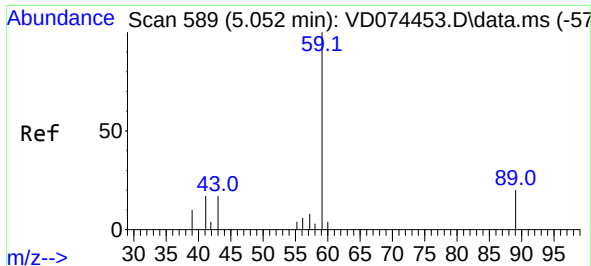
Tgt Ion:168 Resp: 72844
Ion Ratio Lower Upper
168 100
99 54.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.860 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 100.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.010 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD074469.D

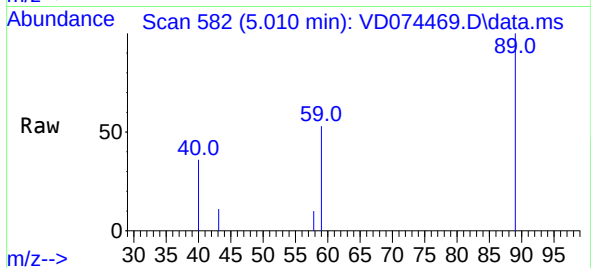
Acq: 06 Oct 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0

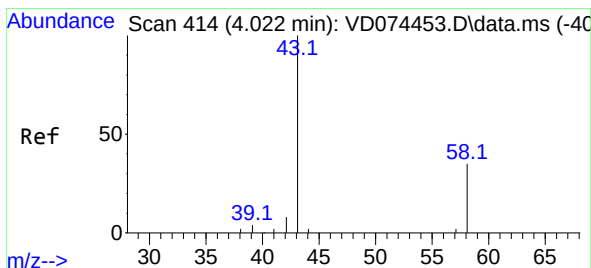
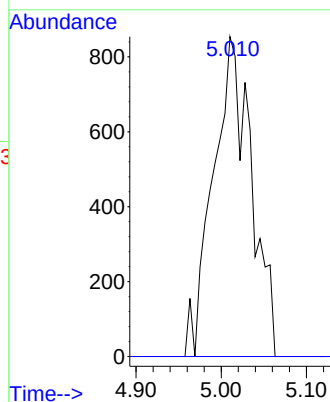


Tgt Ion: 59 Resp: 2655

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 12.260 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD074469.D

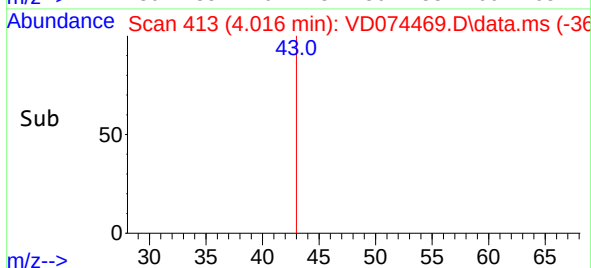
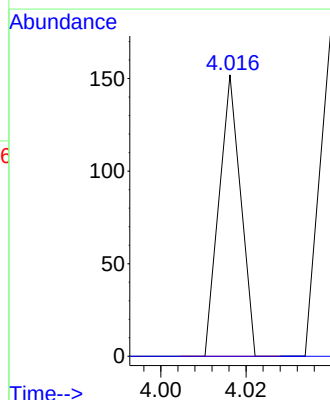
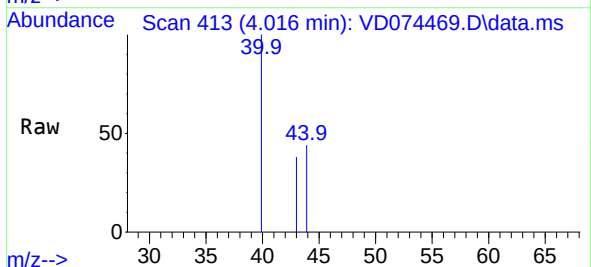
Acq: 06 Oct 2022 16:36

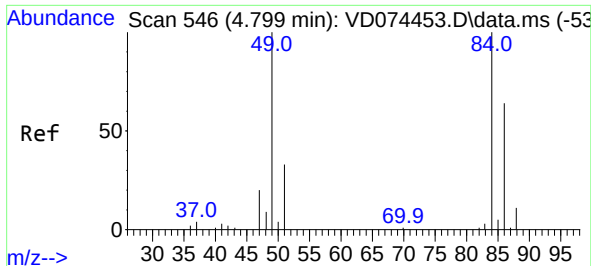
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#





#20

Methylene Chloride

Concen: 1.421 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074469.D

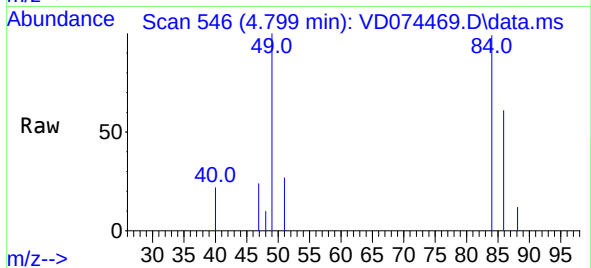
Acq: 06 Oct 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0



Tgt Ion: 84 Resp: 6452

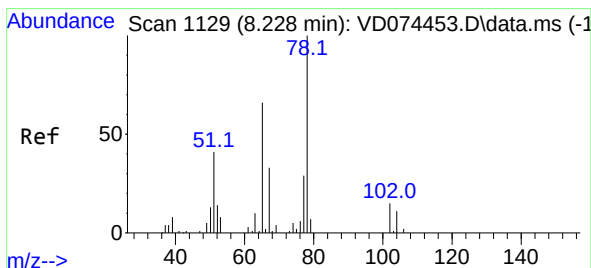
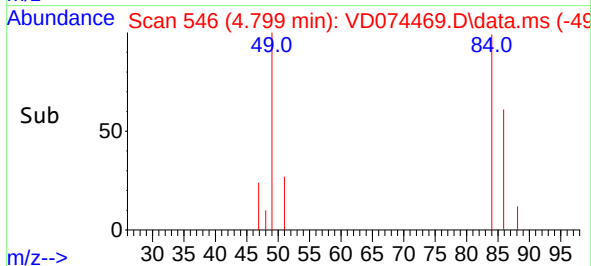
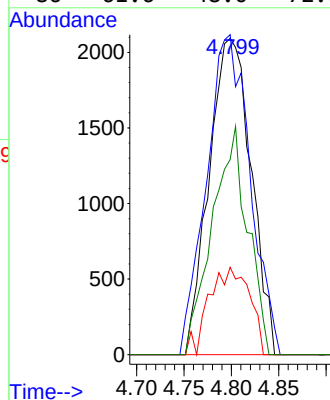
Ion Ratio Lower Upper

84 100

49 101.1 68.0 102.0

51 27.6 23.2 34.8

86 61.6 48.0 72.0



#33

1,2-Dichloroethane-d4

Concen: 61.114 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074469.D

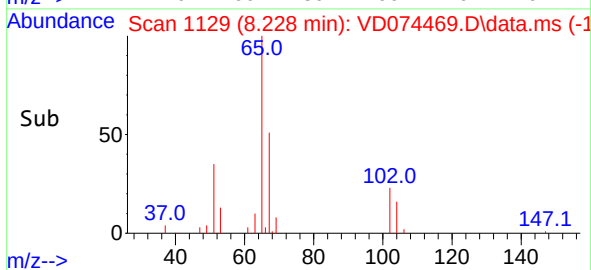
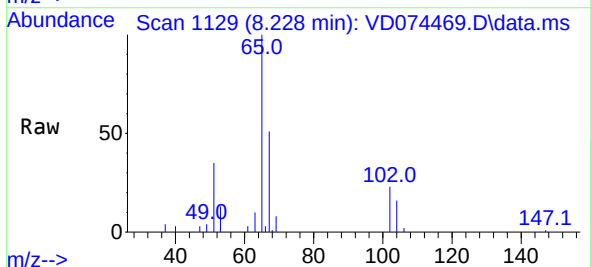
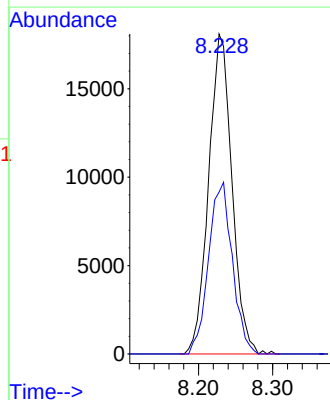
Acq: 06 Oct 2022 16:36

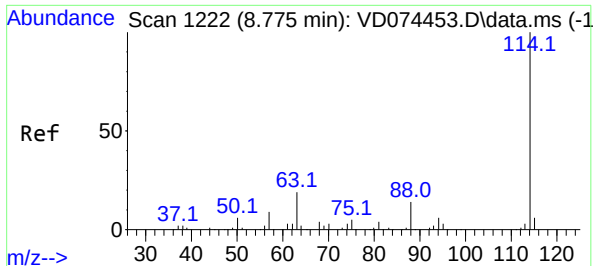
Tgt Ion: 65 Resp: 39553

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074469.D

Acq: 06 Oct 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0

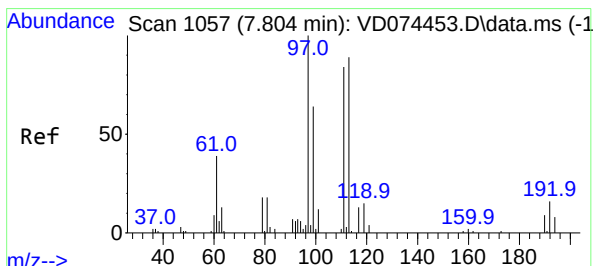
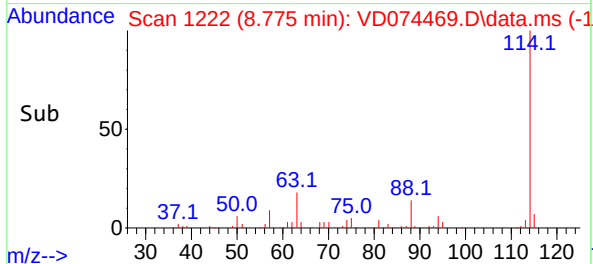
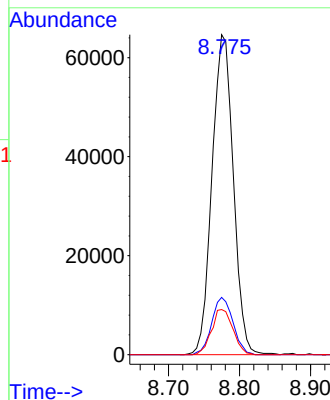
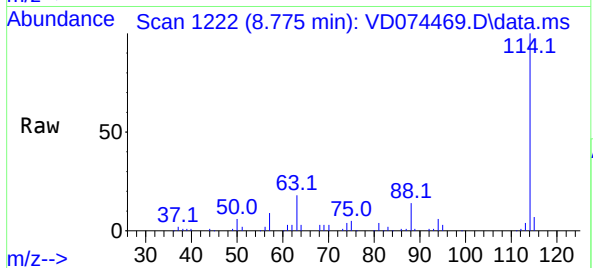
Tgt Ion:114 Resp: 134513

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.682 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074469.D

Acq: 06 Oct 2022 16:36

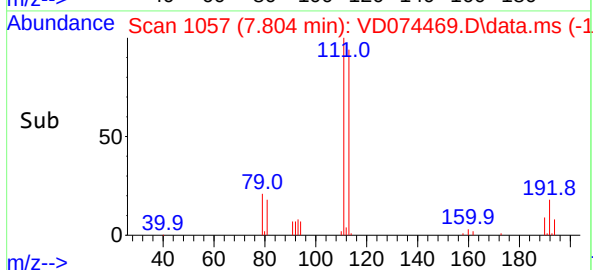
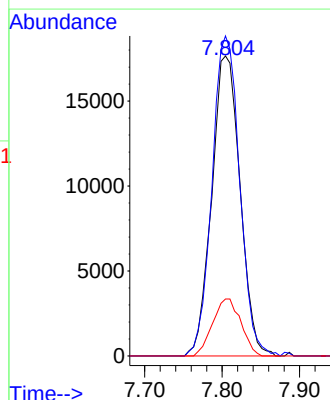
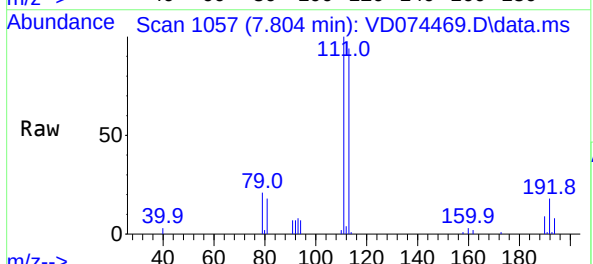
Tgt Ion:113 Resp: 44955

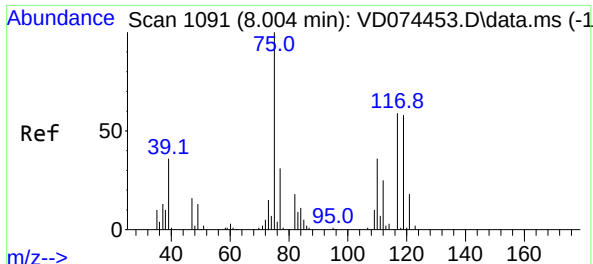
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 18.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD074469.D

Acq: 06 Oct 2022 16:36

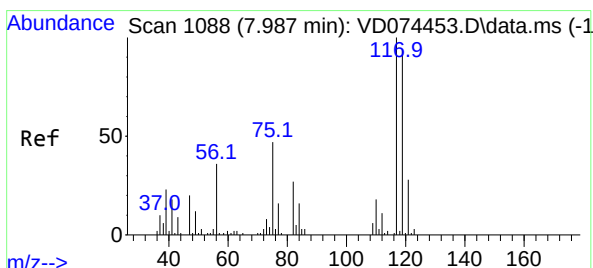
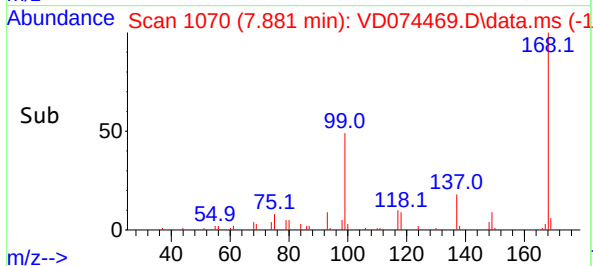
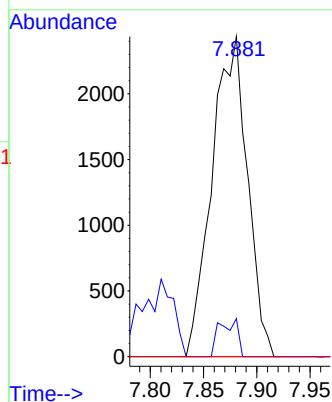
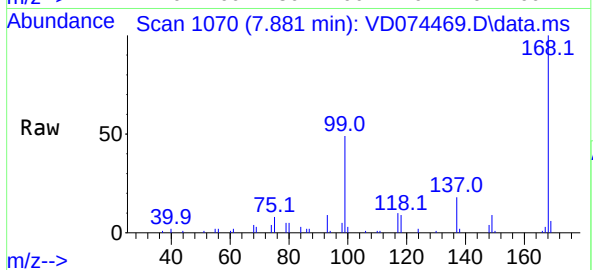
Instrument :

MSVOA_D

ClientSampleId :

SB-07-0-2.0

Tgt Ion: 75	Resp: 5634
Ion Ratio	Lower Upper
75	100
110	6.1 19.7 59.0#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.637 ug/l

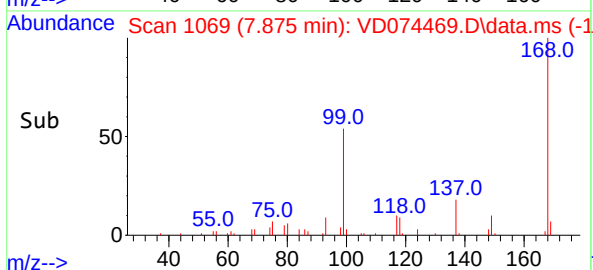
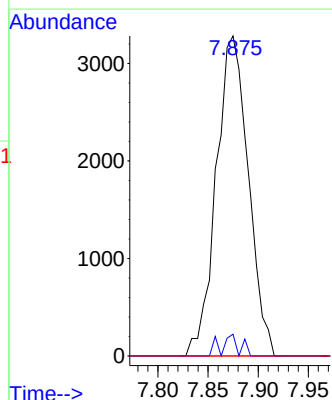
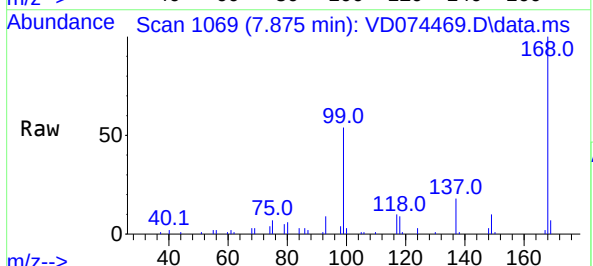
RT: 7.875 min Scan# 1069

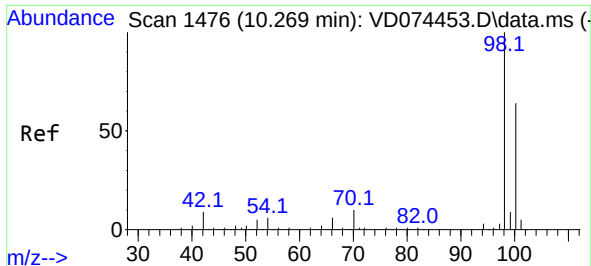
Delta R.T. -0.112 min

Lab File: VD074469.D

Acq: 06 Oct 2022 16:36

Tgt Ion: 117	Resp: 7323
Ion Ratio	Lower Upper
117	100
119	6.8 73.1 109.7#
121	0.0 25.0 37.6#

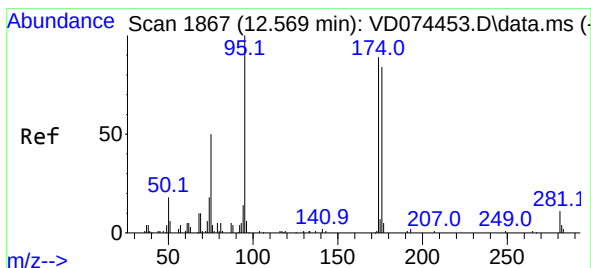
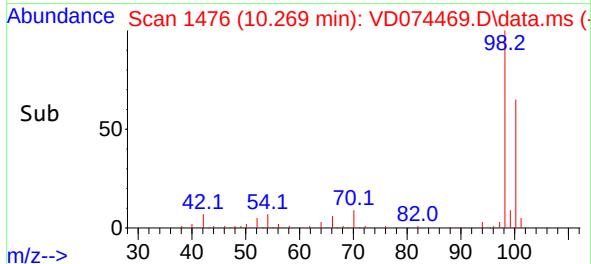
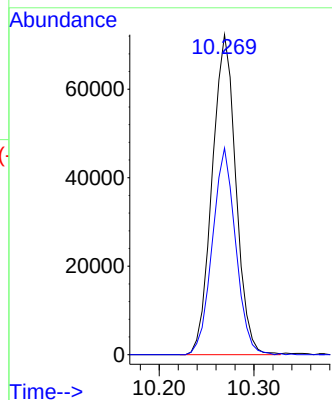
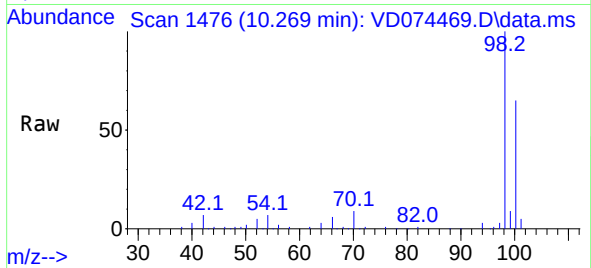




#50
Toluene-d8
Concen: 39.178 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

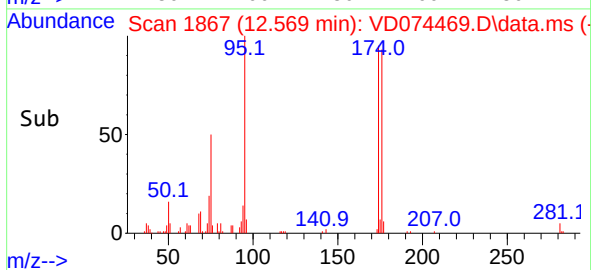
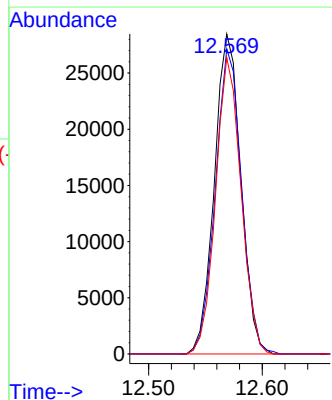
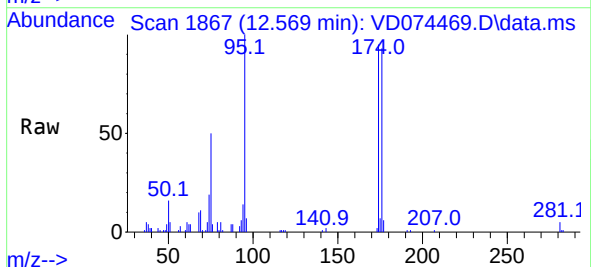
Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

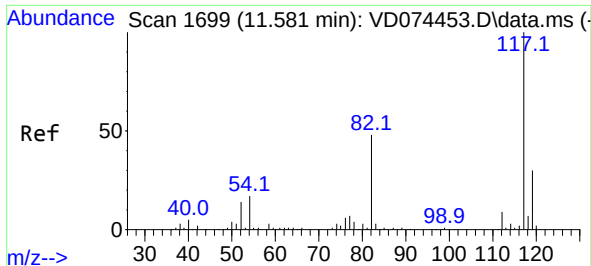
Tgt Ion: 98 Resp: 125610
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Tgt Ion: 95 Resp: 46014
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.0
176 89.2 0.0 182.6

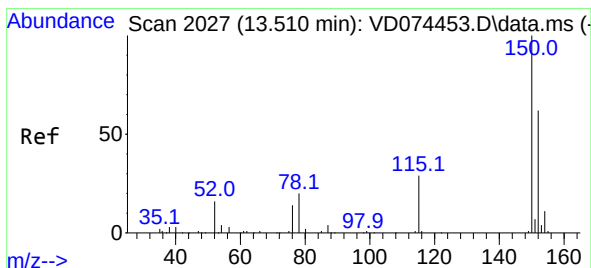
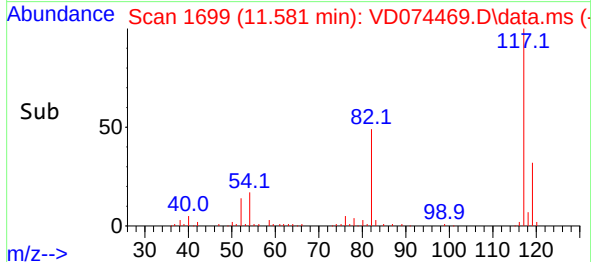
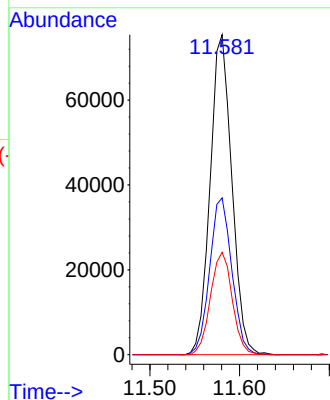
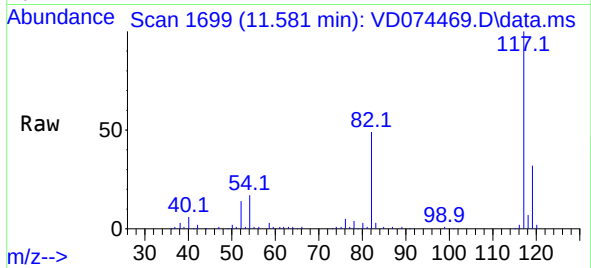




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

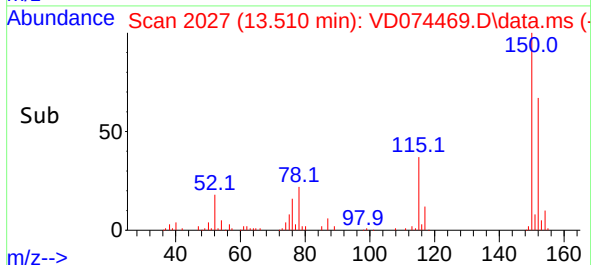
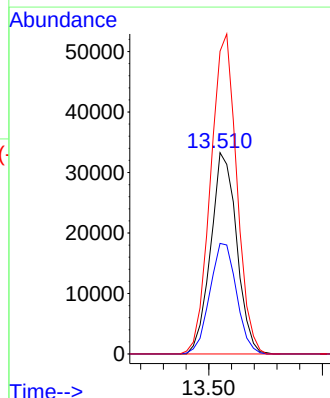
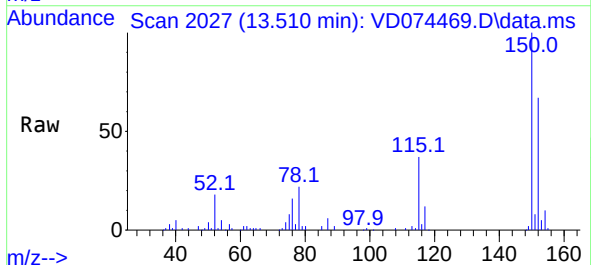
Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

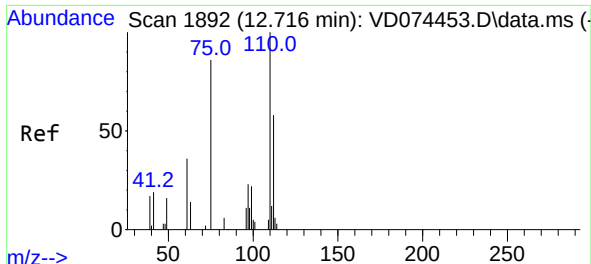
Tgt Ion:117 Resp: 126674
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Tgt Ion:152 Resp: 52827
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 159.9 0.0 348.2

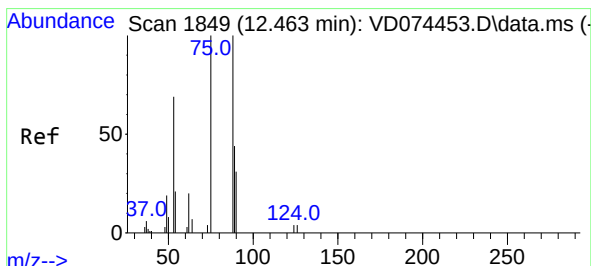
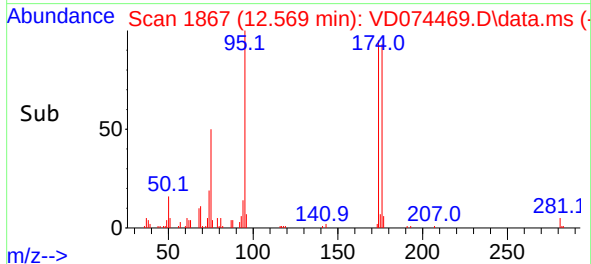
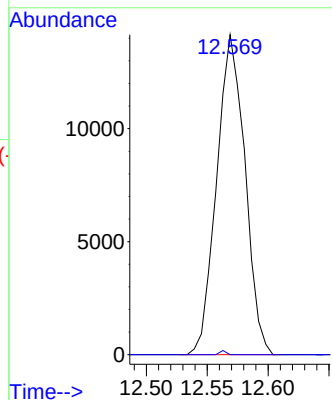
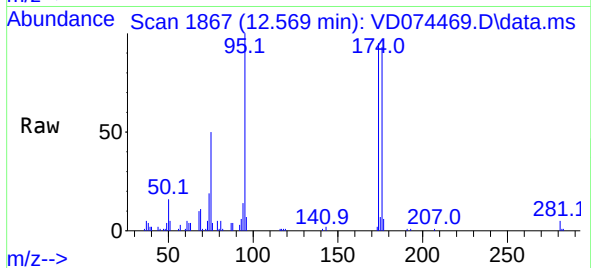




#76
1,2,3-Trichloropropane
Concen: 56.510 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Instrument :
MSVOA_D
ClientSampleId :
SB-07-0-2.0

Tgt Ion: 75 Resp: 22916
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.081 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074469.D
Acq: 06 Oct 2022 16:36

Tgt Ion: 75 Resp: 22916
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

