

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074709.D
 Acq On : 03 Nov 2022 12:04
 Operator : VA/SY
 Sample : VD1103SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBL01

Quant Time: Nov 04 00:01:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

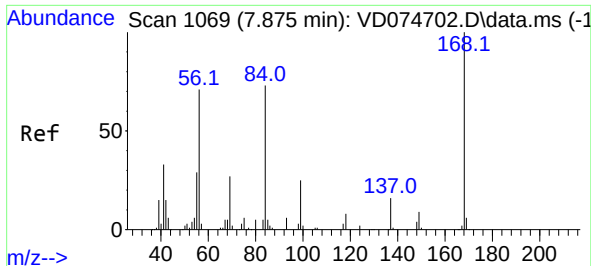
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	143058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	250294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57980	51.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.340%	
35) Dibromofluoromethane	7.810	113	71399	48.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.440%	
50) Toluene-d8	10.269	98	254765	47.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.575	95	67961	43.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	890	5.959	ug/l #	43
11) Tert butyl alcohol	5.016	59	6477	Below Cal	#	84
16) Acetone	4.016	43	237	1.002	ug/l #	37
20) Methylene Chloride	4.799	84	22375	Below Cal		92
25) 2-Butanone	7.069	43	931	2.864	ug/l #	42
31) Cyclohexane	7.875	56	2677	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10067	4.479	ug/l #	47
37) Ethyl Acetate	7.069	43	931	1.242	ug/l #	1
38) Carbon Tetrachloride	7.875	117	14147	6.644	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	32794	49.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	32794	117.656	ug/l #	17

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

Quant Time: Nov 04 00:01:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

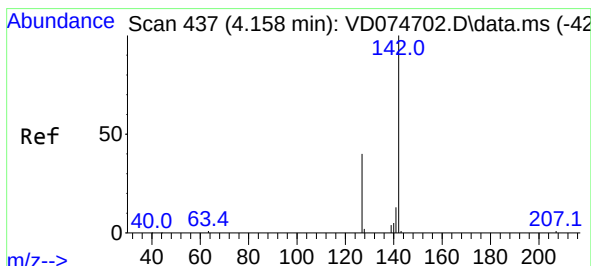
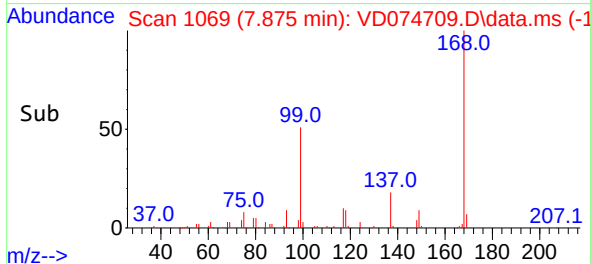
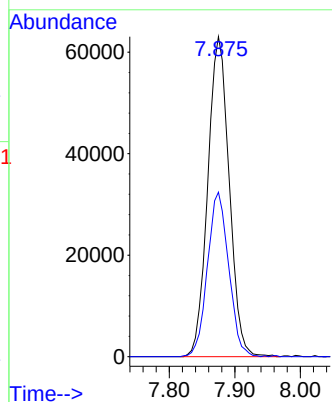
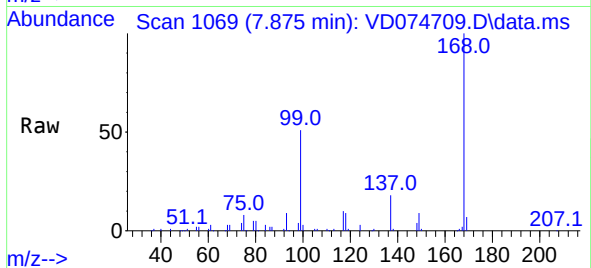




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

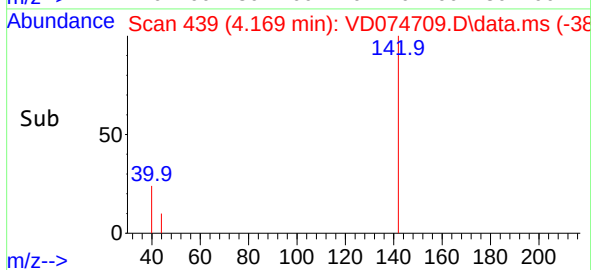
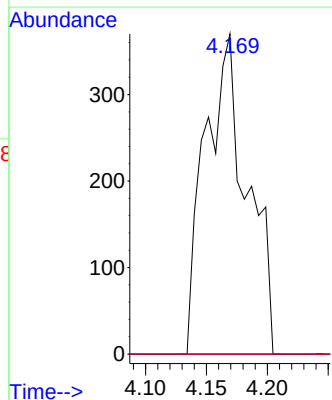
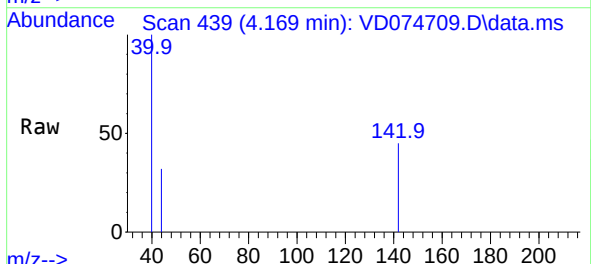
Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01

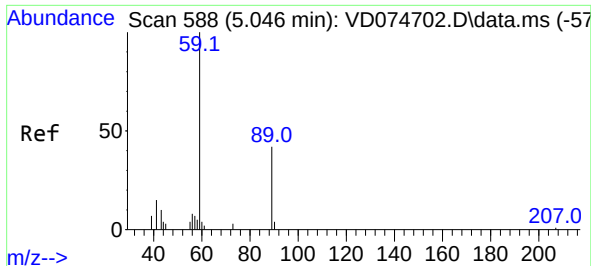
Tgt Ion:168 Resp: 143058
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.959 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Tgt Ion:142 Resp: 890
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.016 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074709.D

Acq: 03 Nov 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

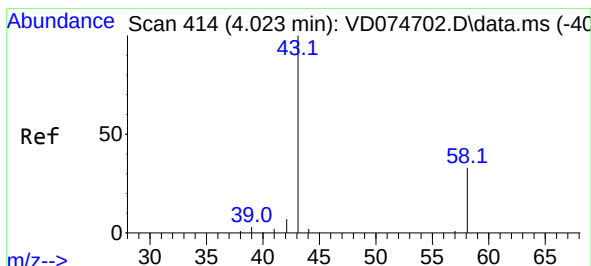
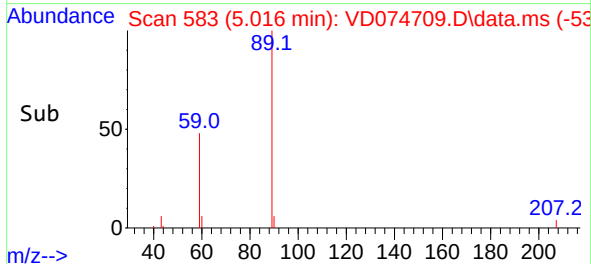
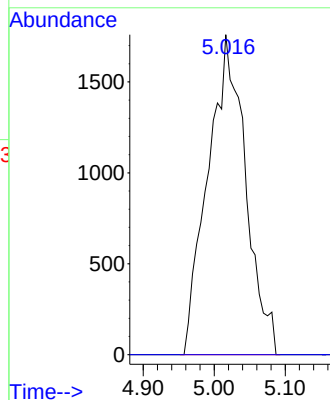
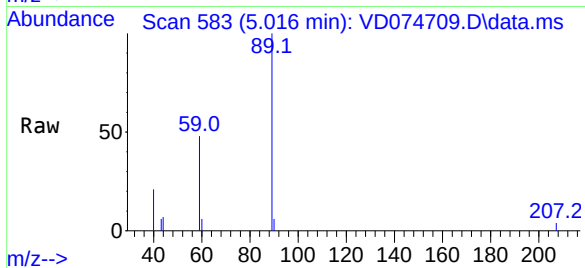
VD1103SBL01

Tgt Ion: 59 Resp: 6477

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 1.002 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.007 min

Lab File: VD074709.D

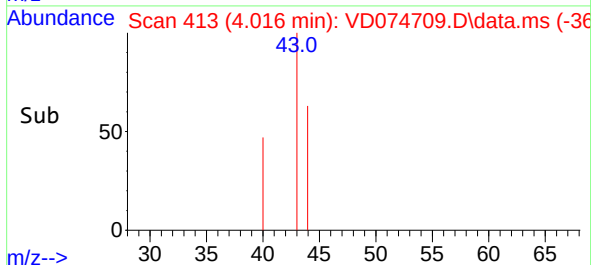
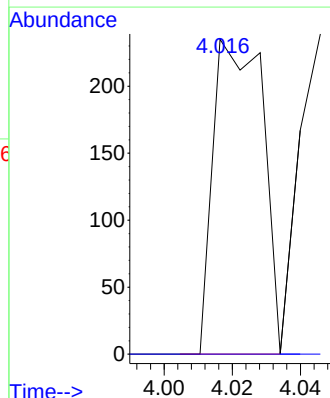
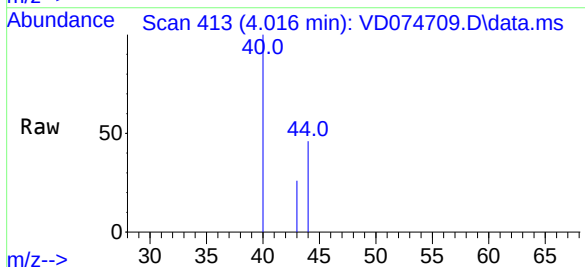
Acq: 03 Nov 2022 12:04

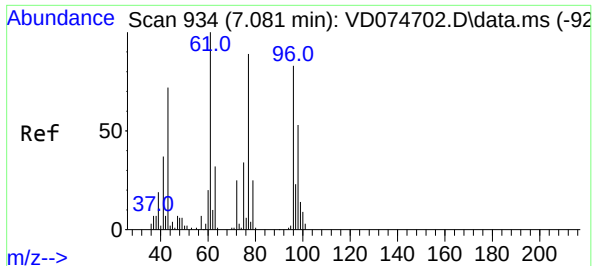
Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#

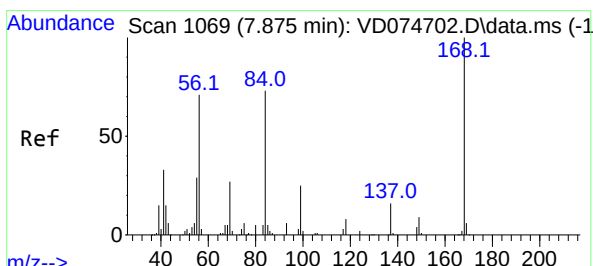
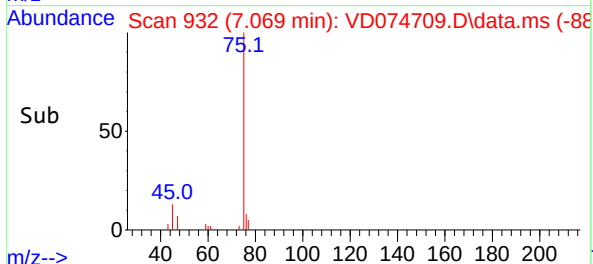
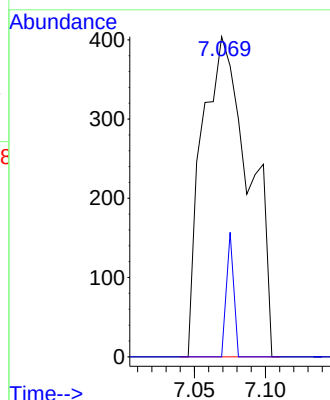
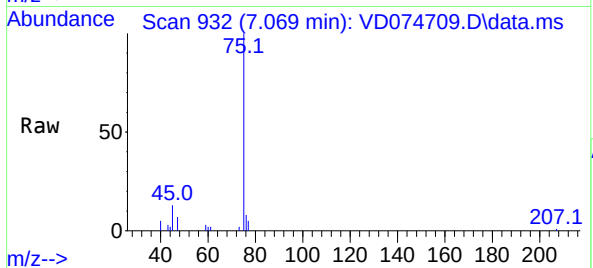




#25
2-Butanone
Concen: 2.864 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

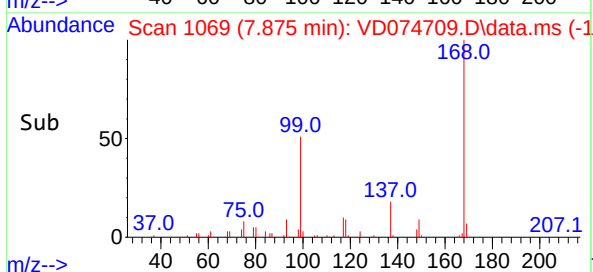
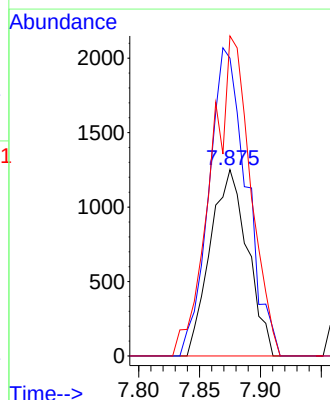
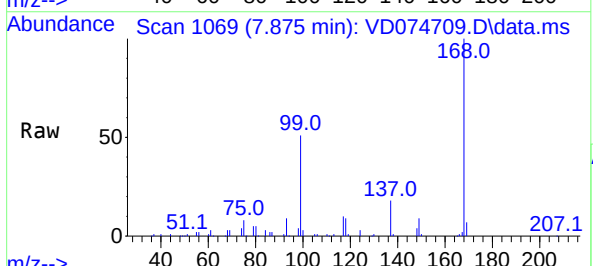
Instrument :
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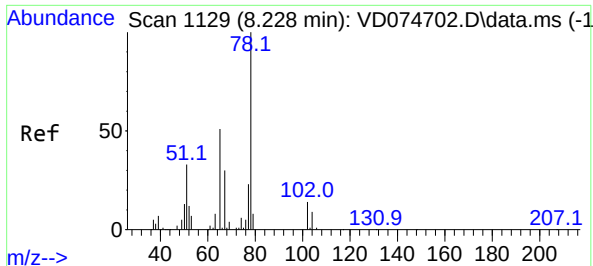
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 56 Resp: 2677
Ion Ratio Lower Upper
56 100
69 159.9 29.2 43.8#
84 171.8 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 51.172 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074709.D

Acq: 03 Nov 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

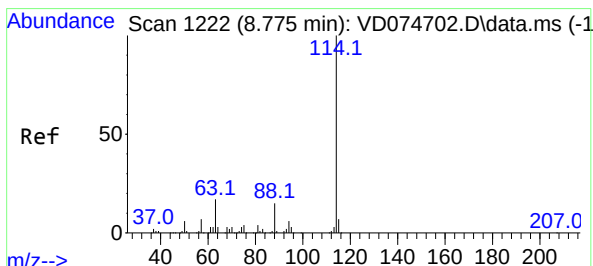
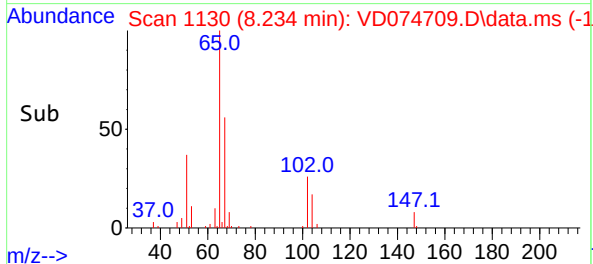
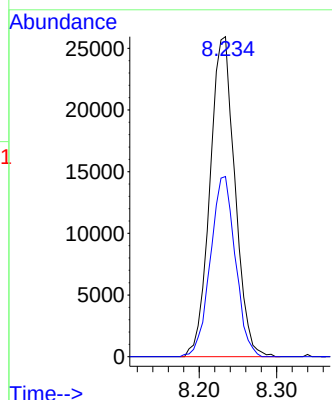
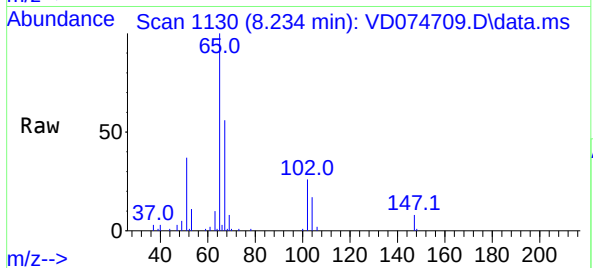
VD1103SBL01

Tgt Ion: 65 Resp: 57980

Ion Ratio Lower Upper

65 100

67 56.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074709.D

Acq: 03 Nov 2022 12:04

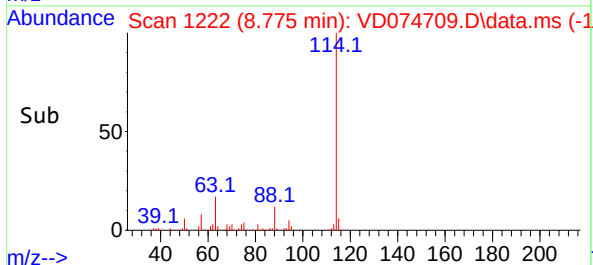
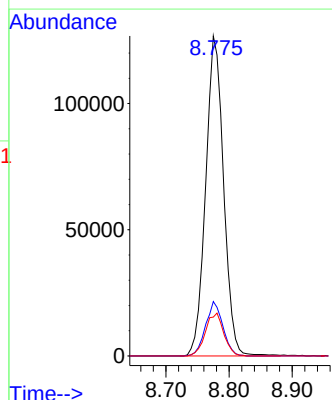
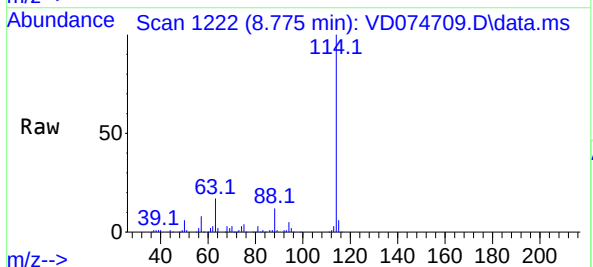
Tgt Ion: 114 Resp: 250294

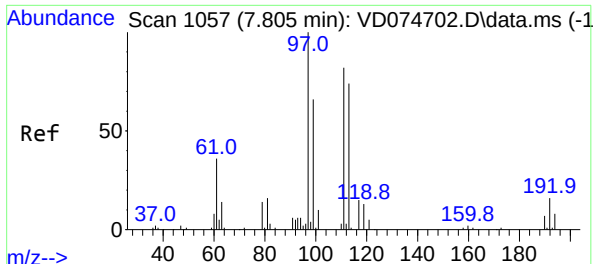
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 12.2 0.0 28.2

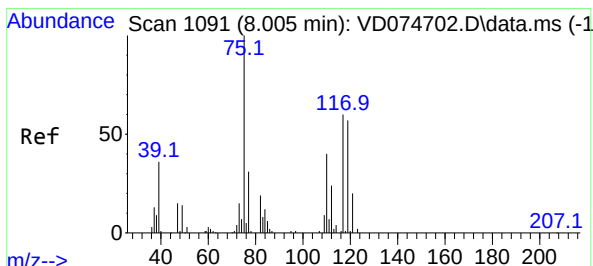
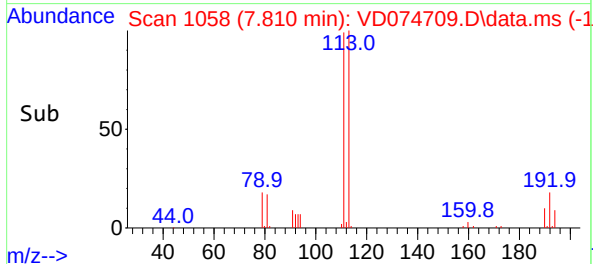
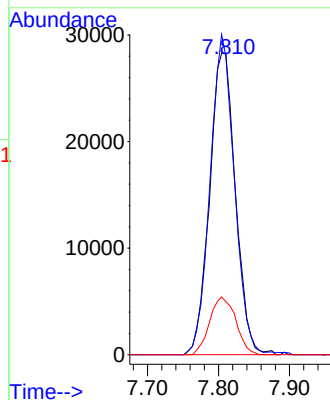
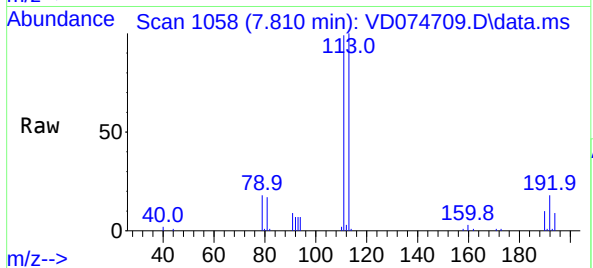




#35
Dibromofluoromethane
Concen: 48.223 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

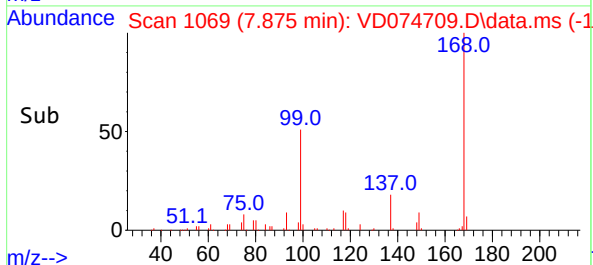
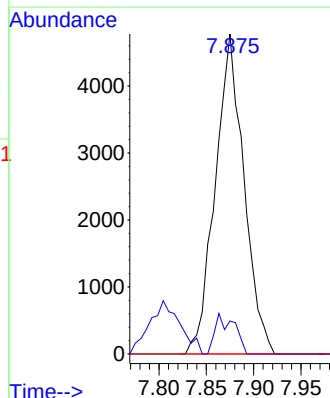
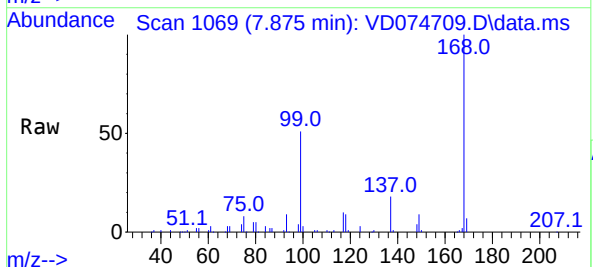
Instrument :
MSVOA_D
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VD1103SBL01

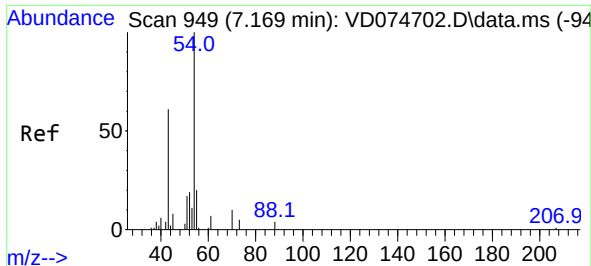
Tgt Ion:113 Resp: 71399
Ion Ratio Lower Upper
113 100
111 100.1 82.3 123.5
192 19.3 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 75 Resp: 10067
Ion Ratio Lower Upper
75 100
110 8.5 19.7 59.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.242 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.100 min

Lab File: VD074709.D

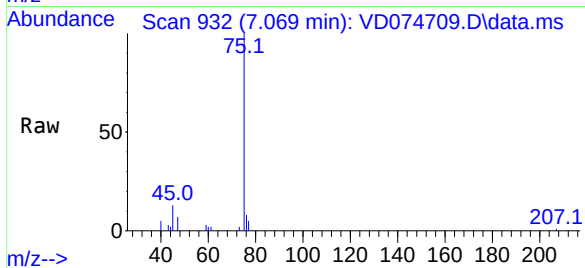
Acq: 03 Nov 2022 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD1103SBL01



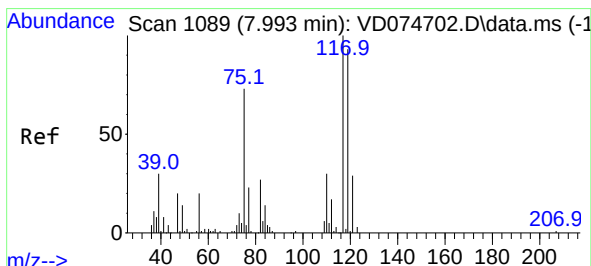
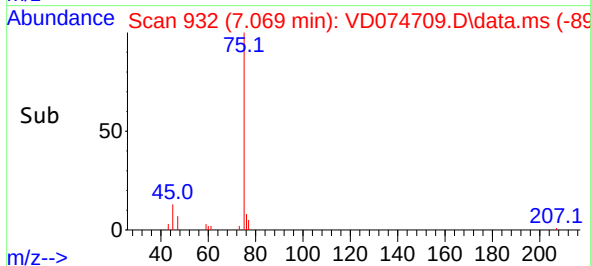
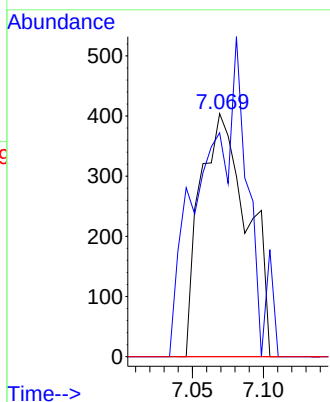
Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

61 124.1 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.644 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074709.D

Acq: 03 Nov 2022 12:04

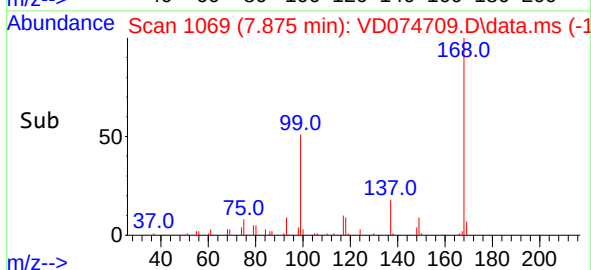
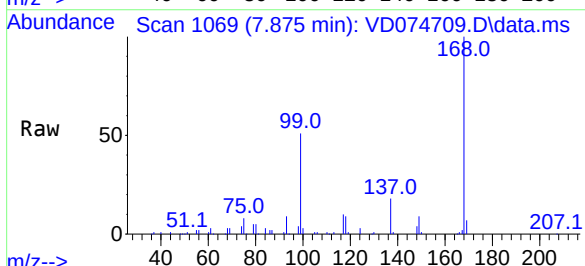
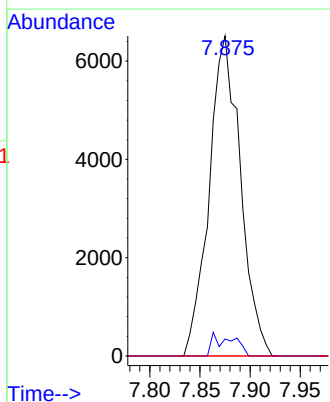
Tgt Ion: 117 Resp: 14147

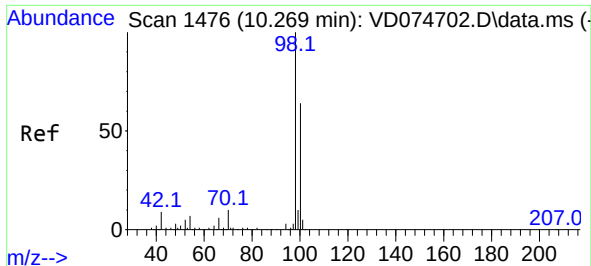
Ion Ratio Lower Upper

117 100

119 5.3 73.1 109.7#

121 0.0 25.0 37.6#

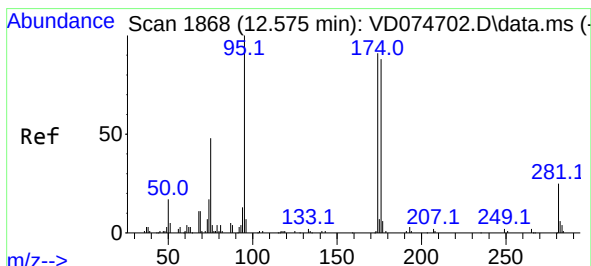
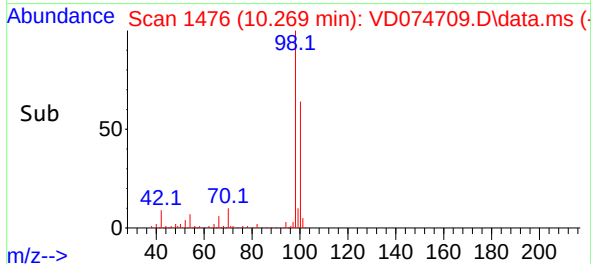
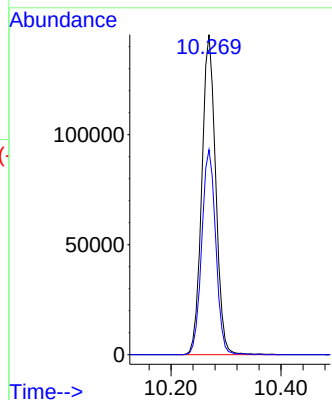
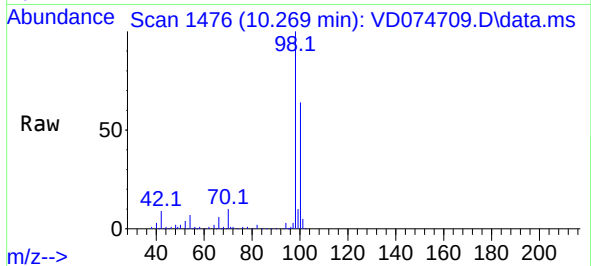




#50
Toluene-d8
Concen: 47.172 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

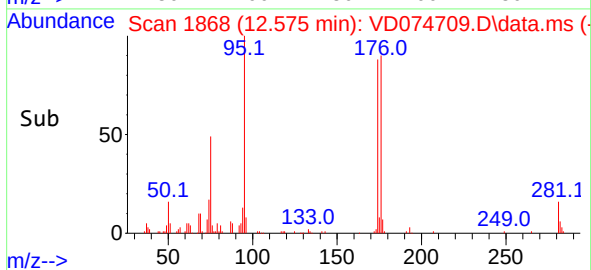
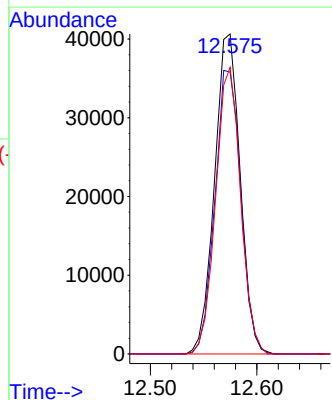
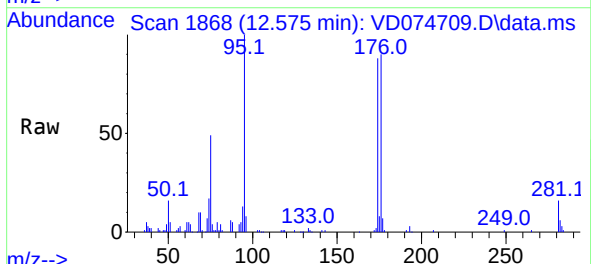
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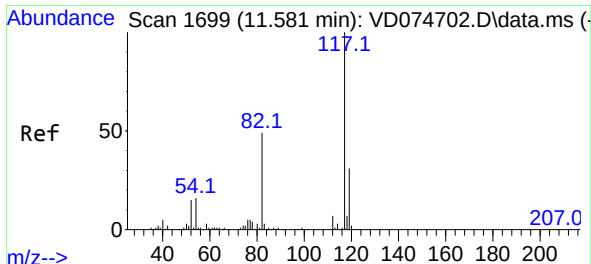
Tgt Ion: 98 Resp: 254765
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.582 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

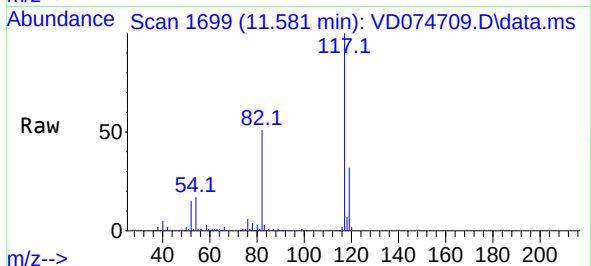
Tgt Ion: 95 Resp: 67961
Ion Ratio Lower Upper
95 100
174 89.6 0.0 197.0
176 86.8 0.0 182.6





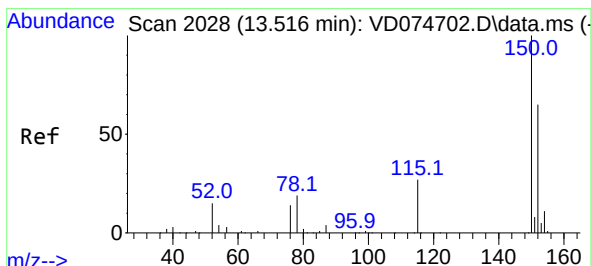
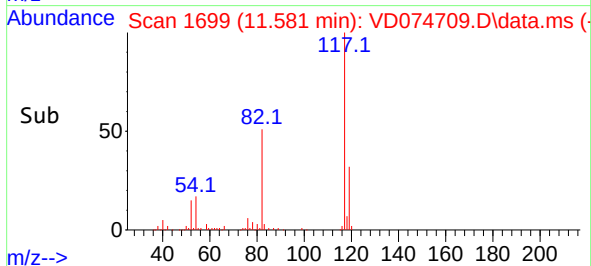
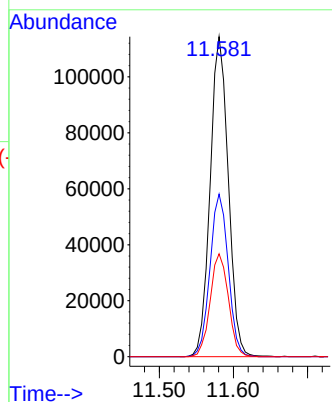
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01



Tgt Ion:117 Resp: 194639

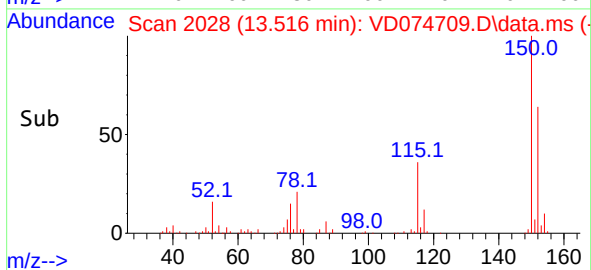
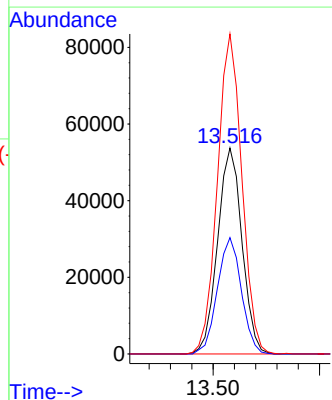
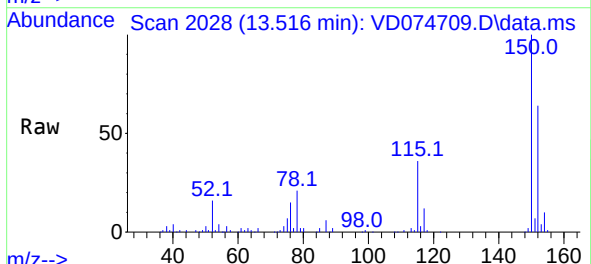
Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.6	62.4
119	32.1	25.2	37.8

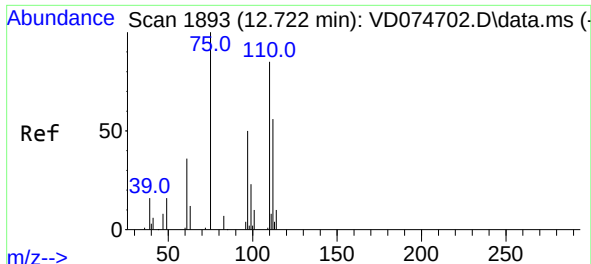


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Tgt Ion:152 Resp: 85349

Ion	Ratio	Lower	Upper
152	100		
115	55.5	26.8	80.4
150	155.8	0.0	348.2

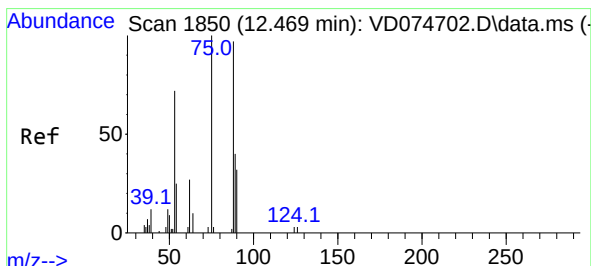
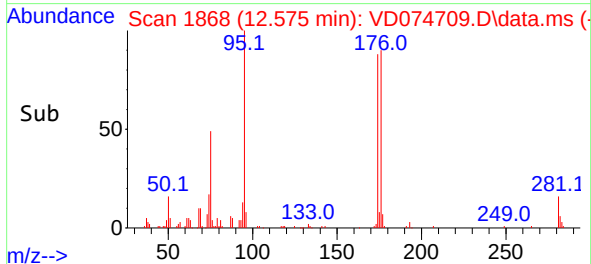
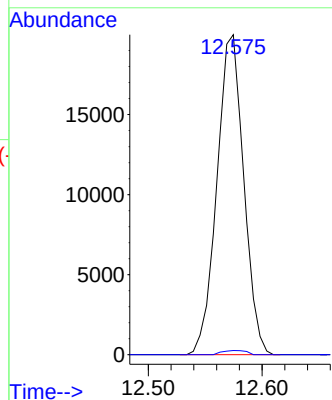
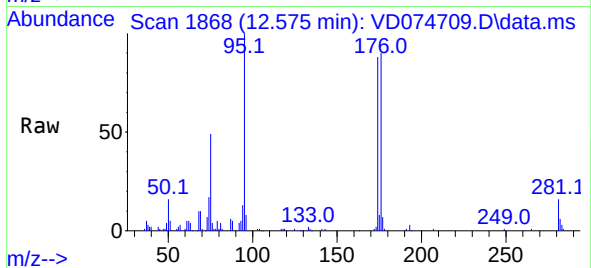




#76
1,2,3-Trichloropropane
Concen: 49.566 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01

Tgt Ion: 75 Resp: 32794
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.656 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074709.D
Acq: 03 Nov 2022 12:04

Tgt Ion: 75 Resp: 32794
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

