

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074852.D
 Acq On : 10 Nov 2022 04:04
 Operator : VA/SY
 Sample : N5491-01
 Misc : 3.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 10 05:51:29 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

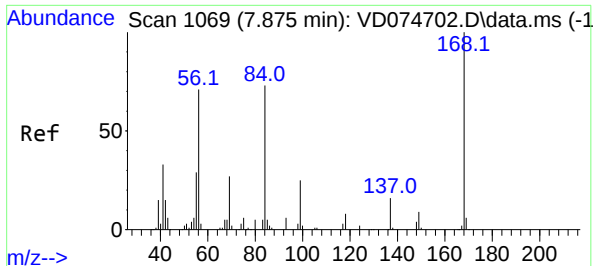
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	195370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66005	42.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.320%
35) Dibromofluoromethane	7.811	113	98896	51.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.269	98	276816	39.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.900%
62) 4-Bromofluorobenzene	12.575	95	77905	38.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.900%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	375	5.681	ug/l #	43
11) Tert butyl alcohol	5.046	59	186	Below Cal	#	84
16) Acetone	4.017	43	1707	5.286	ug/l #	37
20) Methylene Chloride	4.811	84	6841	Below Cal	#	87
25) 2-Butanone	7.081	43	1340	3.018	ug/l #	42
31) Cyclohexane	7.875	56	3544	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14372	4.922	ug/l #	46
37) Ethyl Acetate	7.081	43	1340	1.376	ug/l #	1
38) Carbon Tetrachloride	7.875	117	18563	6.710	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	39336	50.902	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	39336	120.828	ug/l #	17

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

Quant Time: Nov 10 05:51:29 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

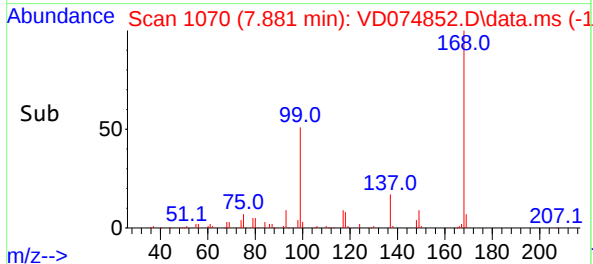
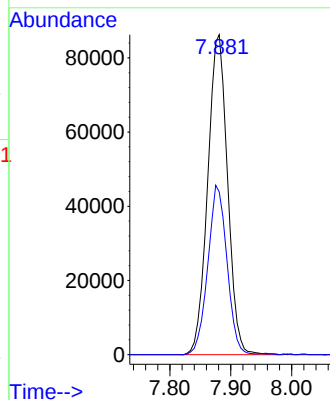
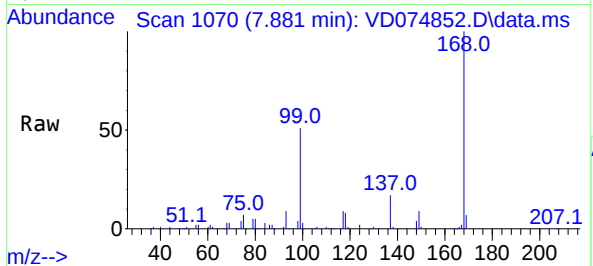




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

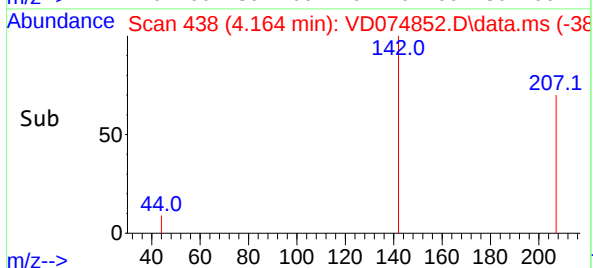
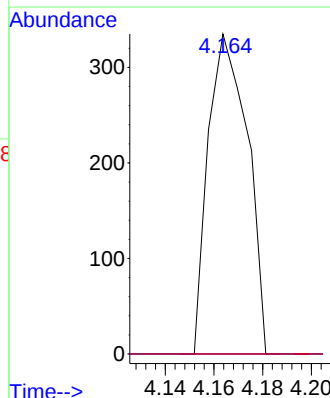
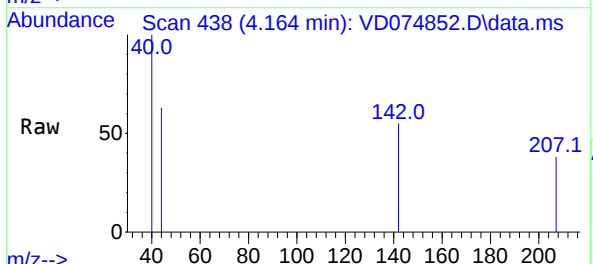
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 195370
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.681 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Tgt Ion:142 Resp: 375
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: 5.046 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD074852.D

Acq: 10 Nov 2022 04:04

Instrument :

MSVOA_D

ClientSampleId :

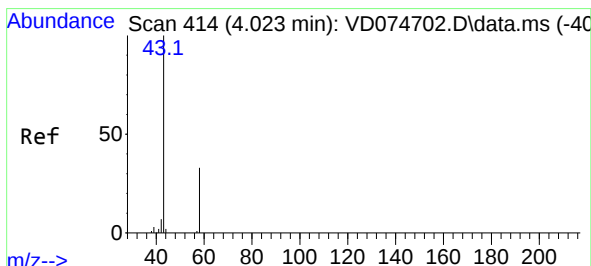
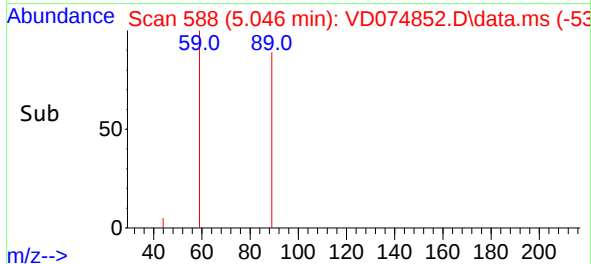
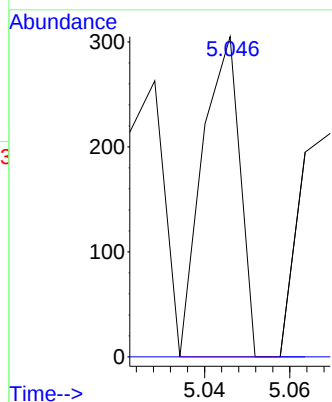
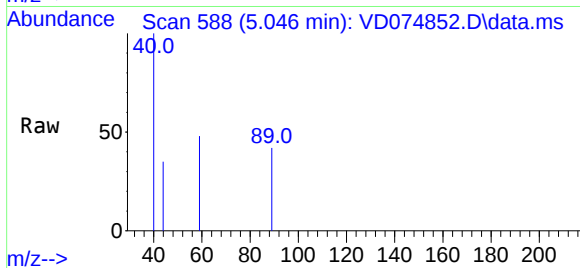
TP-1

Tgt Ion: 59 Resp: 186

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 5.286 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD074852.D

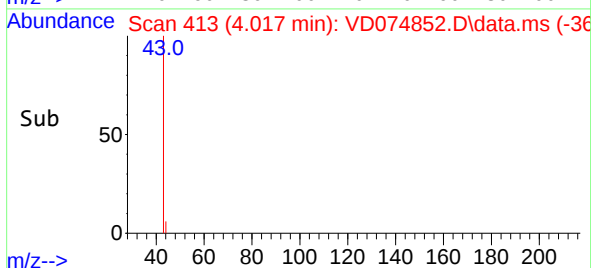
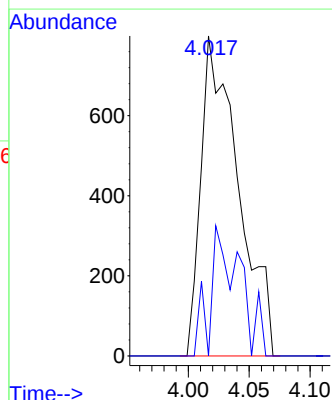
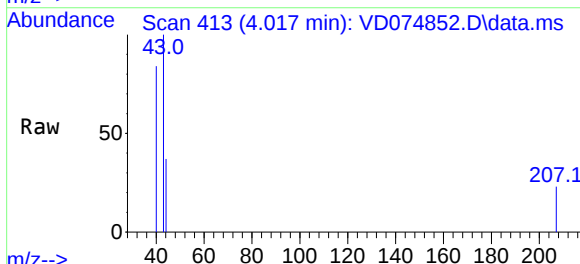
Acq: 10 Nov 2022 04:04

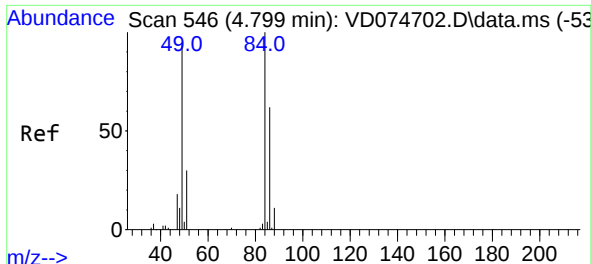
Tgt Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



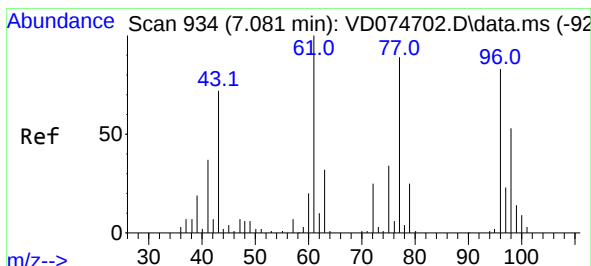
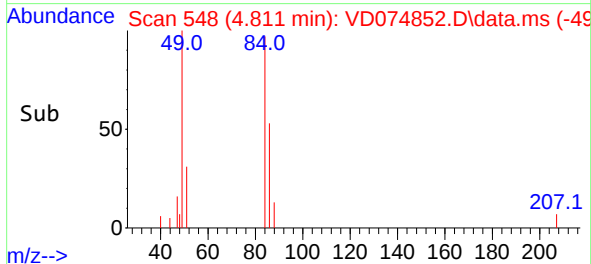
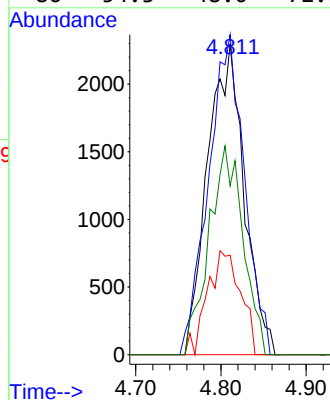
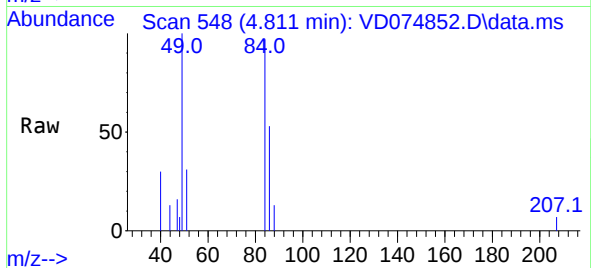


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 6841

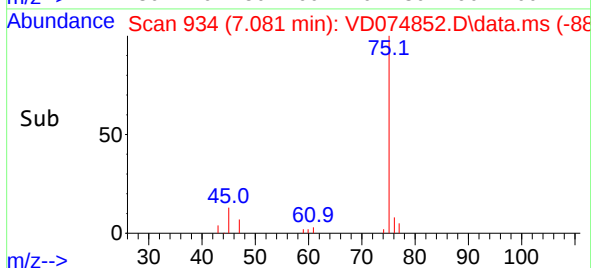
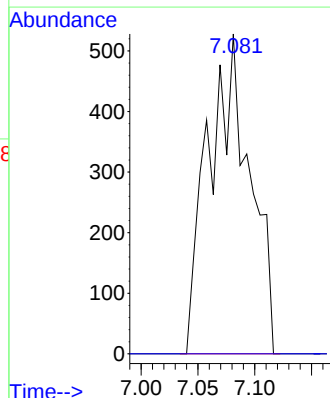
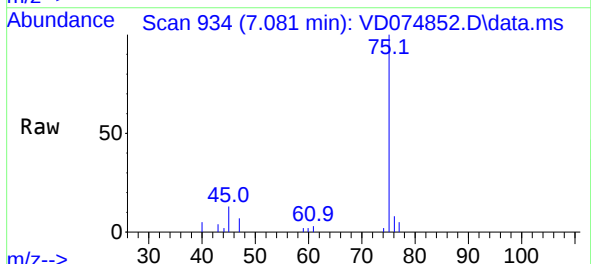
Ion	Ratio	Lower	Upper
84	100		
49	102.9	68.0	102.0#
51	32.0	23.2	34.8
86	54.3	48.0	72.0

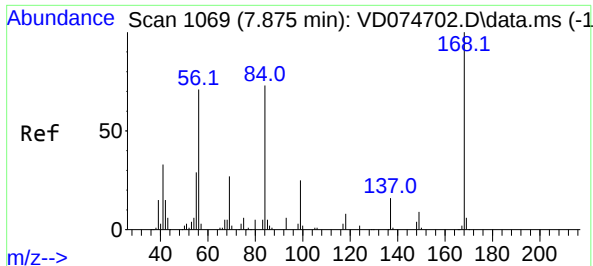


#25
2-Butanone
Concen: 3.018 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Tgt Ion: 43 Resp: 1340

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

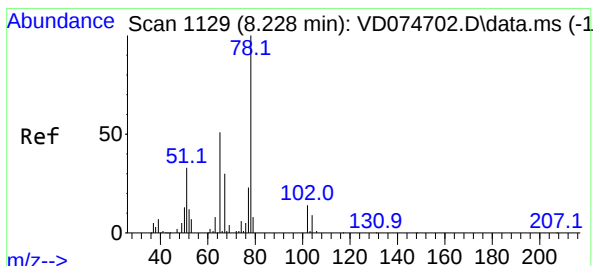
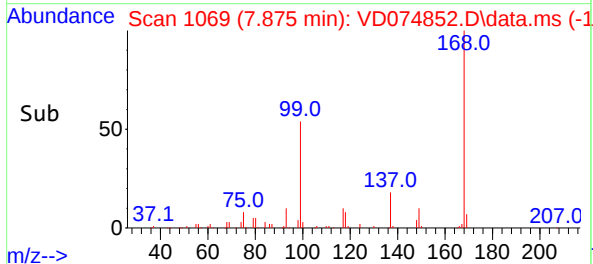
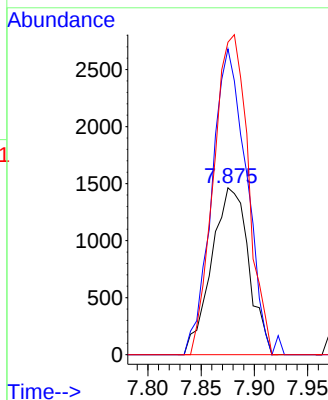
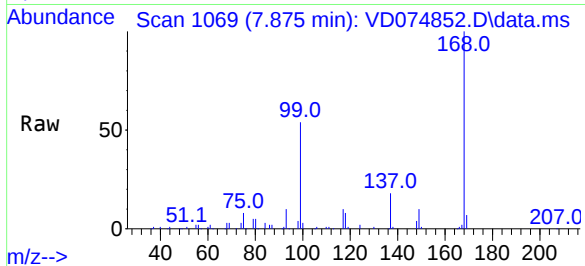




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

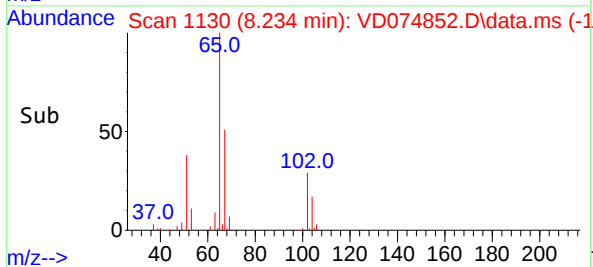
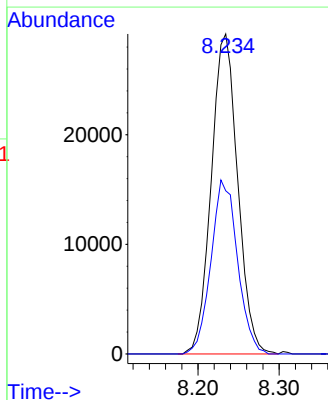
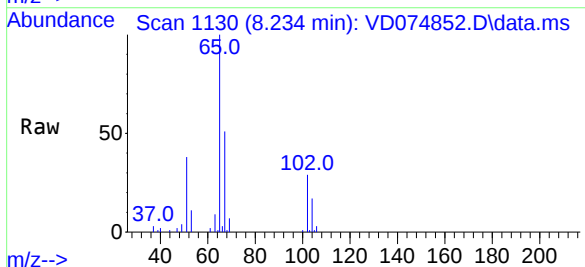
Instrument :
MSVOA_D
ClientSampleId :
TP-1

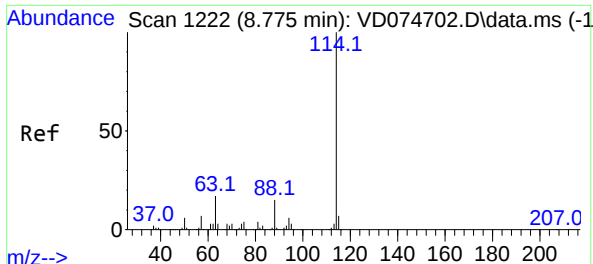
Tgt Ion: 56 Resp: 3544
Ion Ratio Lower Upper
56 100
69 183.1 29.2 43.8#
84 187.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 42.656 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Tgt Ion: 65 Resp: 66005
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074852.D

Acq: 10 Nov 2022 04:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

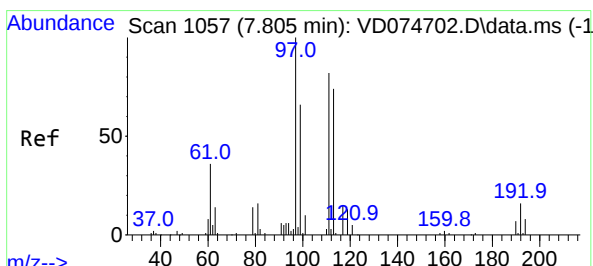
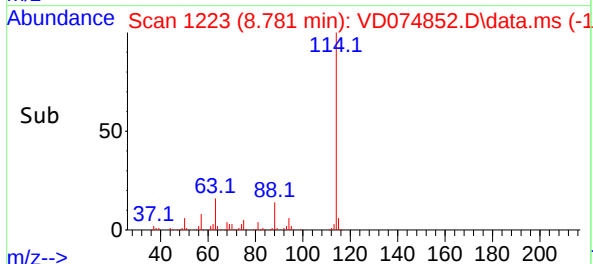
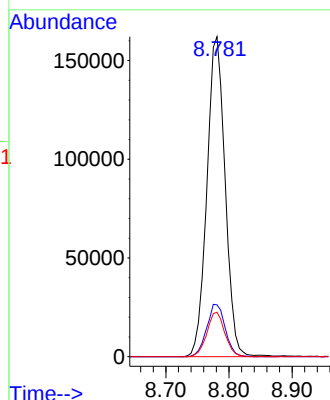
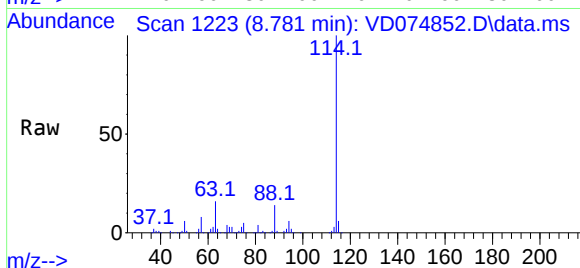
Tgt Ion:114 Resp: 325194

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.411 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074852.D

Acq: 10 Nov 2022 04:04

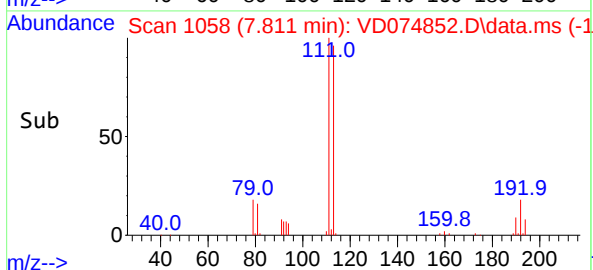
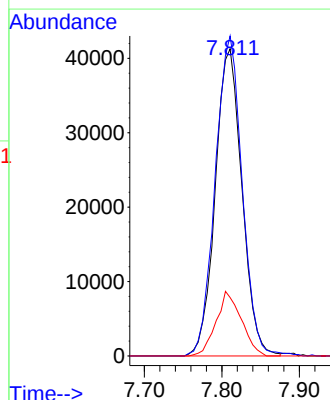
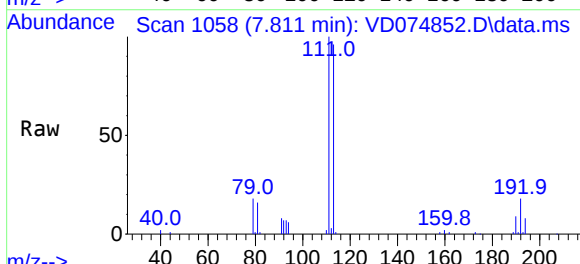
Tgt Ion:113 Resp: 98896

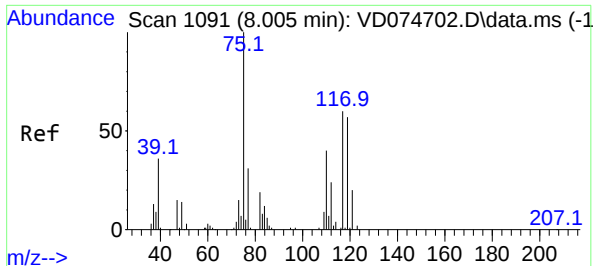
Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 19.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.922 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.130 min

Lab File: VD074852.D

Acq: 10 Nov 2022 04:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

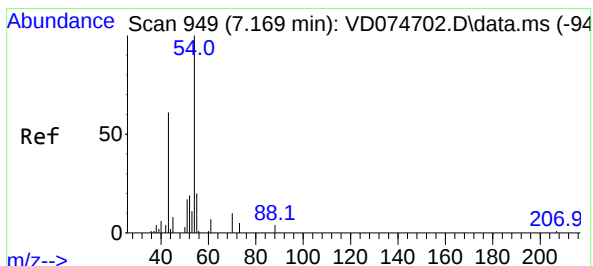
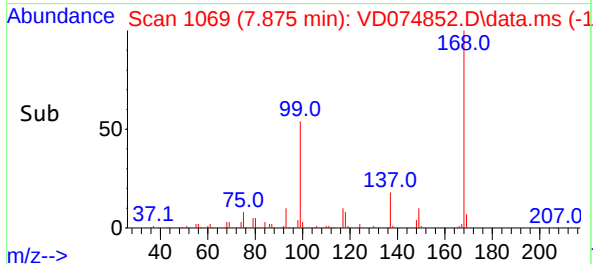
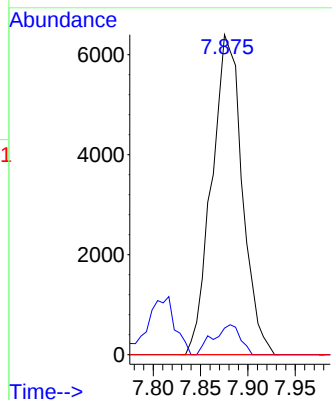
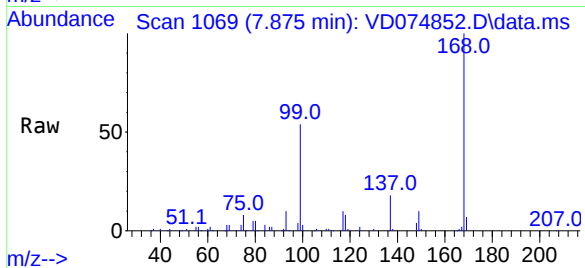
Tgt Ion: 75 Resp: 14372

Ion Ratio Lower Upper

75 100

110 8.3 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.376 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074852.D

Acq: 10 Nov 2022 04:04

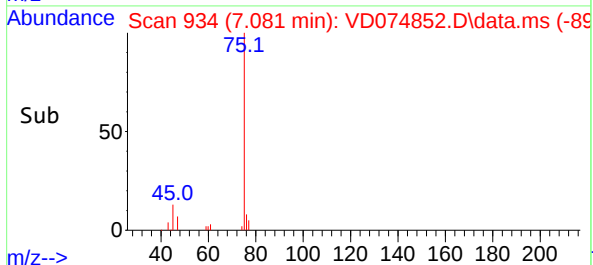
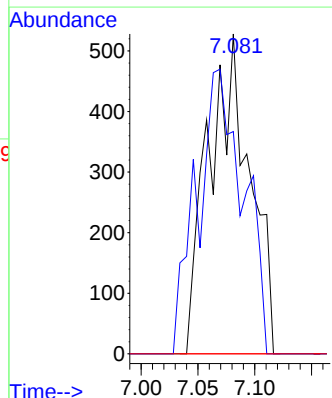
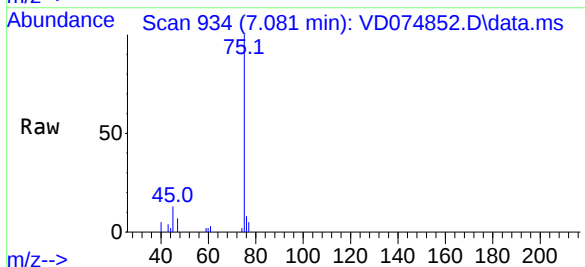
Tgt Ion: 43 Resp: 1340

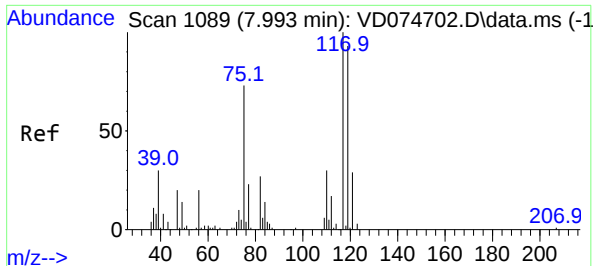
Ion Ratio Lower Upper

43 100

61 99.0 12.2 18.4#

70 0.0 9.6 14.4#

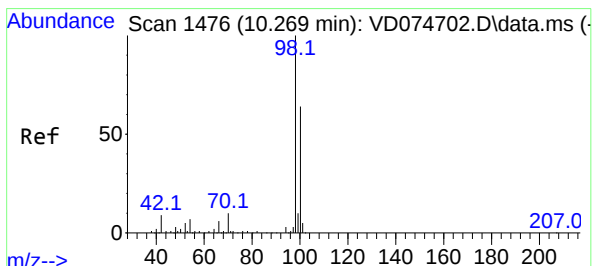
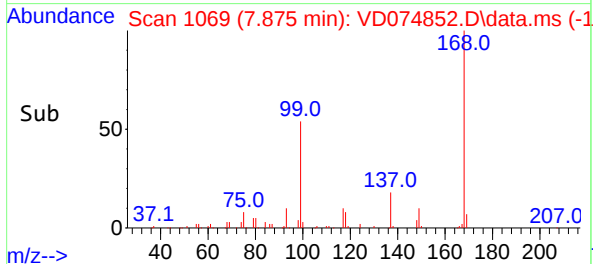
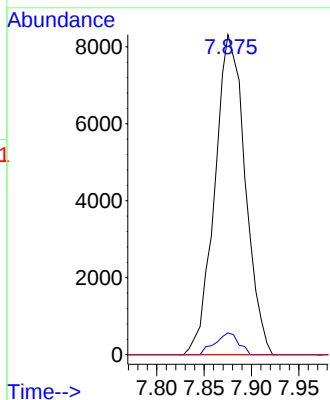
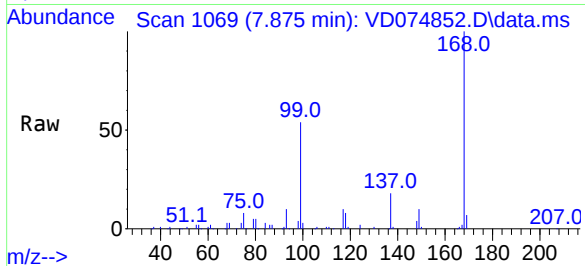




#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

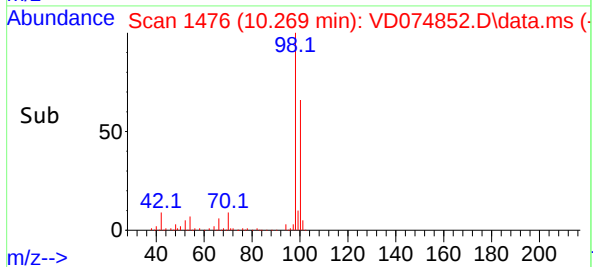
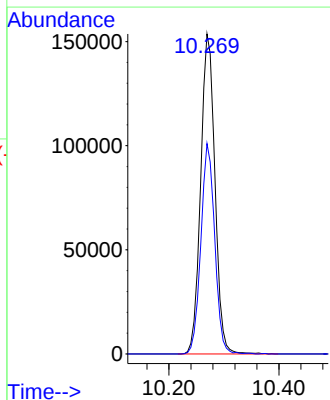
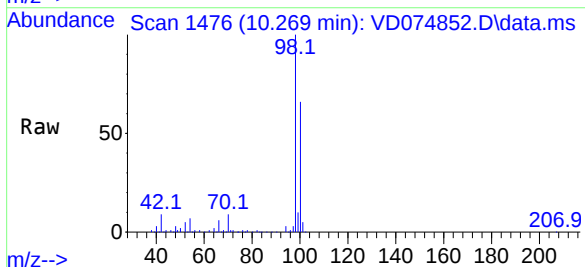
Instrument :
MSVOA_D
ClientSampleId :
TP-1

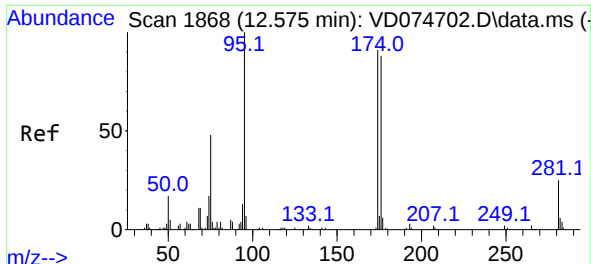
Tgt Ion:117 Resp: 18563
Ion Ratio Lower Upper
117 100
119 6.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 39.450 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Tgt Ion: 98 Resp: 276816
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

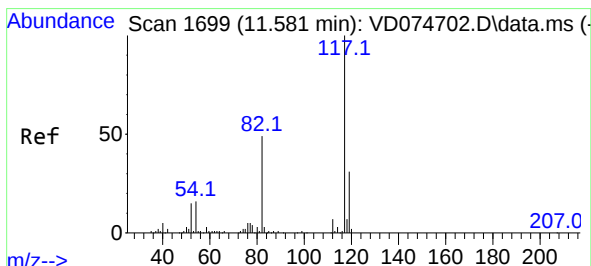
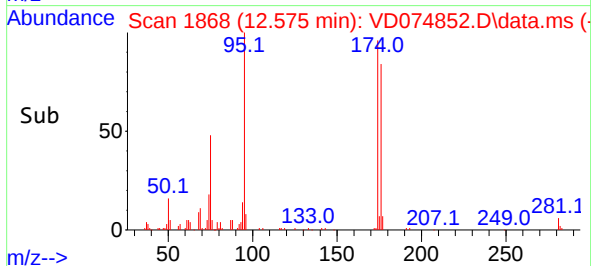
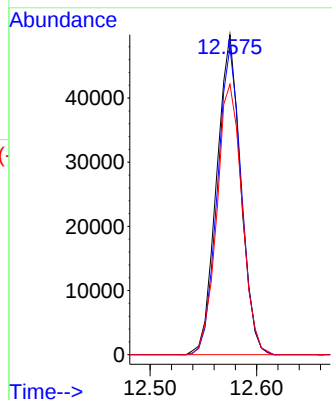
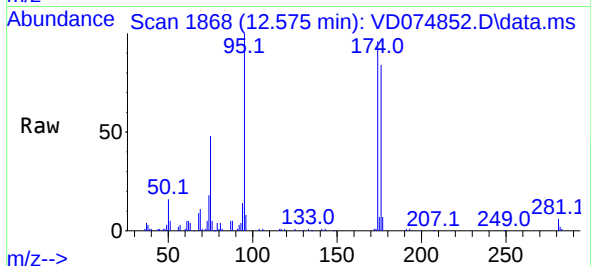




#62
4-Bromofluorobenzene
Concen: 38.452 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

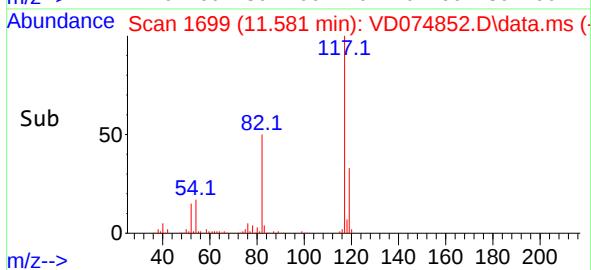
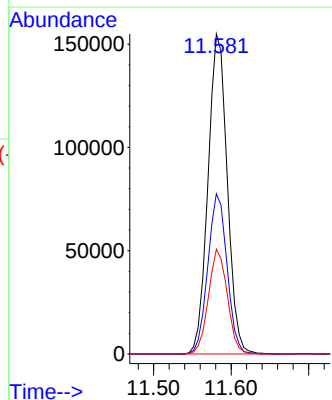
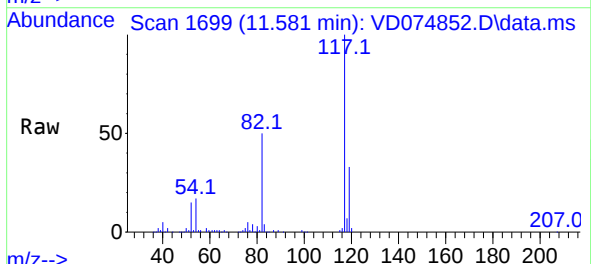
Instrument :
MSVOA_D
ClientSampleId :
TP-1

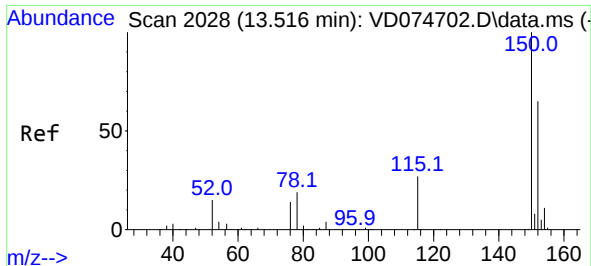
Tgt Ion:	95	Resp:	77905
Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	197.0
176	88.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

Tgt Ion:	117	Resp:	267044
Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.6	62.4
119	32.8	25.2	37.8

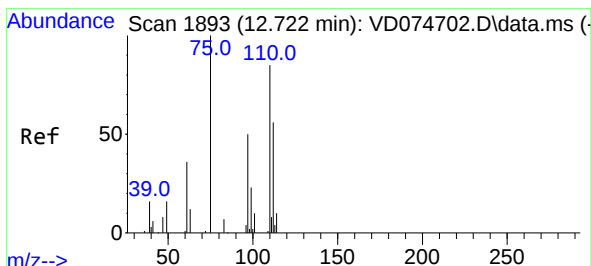
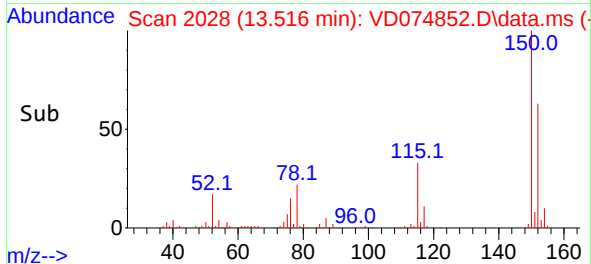
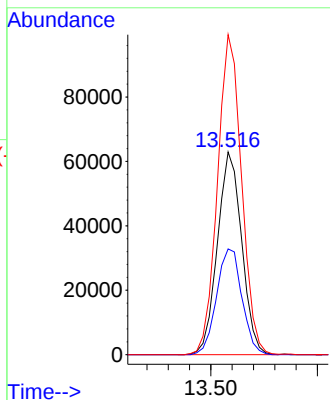
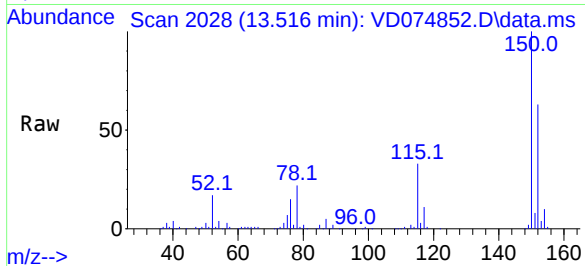




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

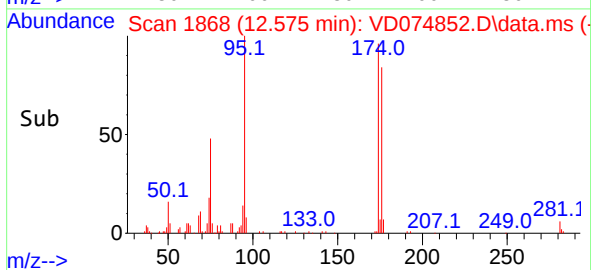
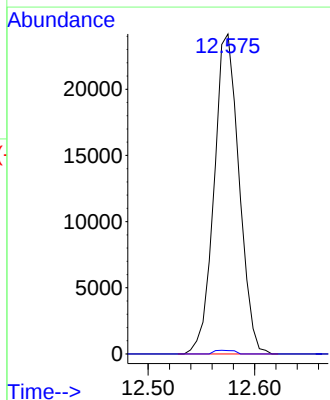
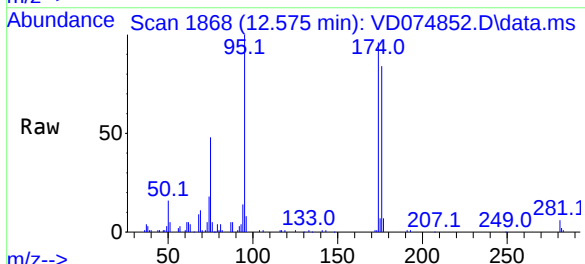
Instrument :
MSVOA_D
ClientSampleId :
TP-1

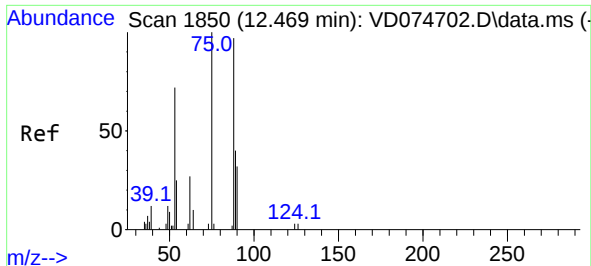
Tgt Ion:152 Resp: 99688
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.4
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 50.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074852.D
Acq: 10 Nov 2022 04:04

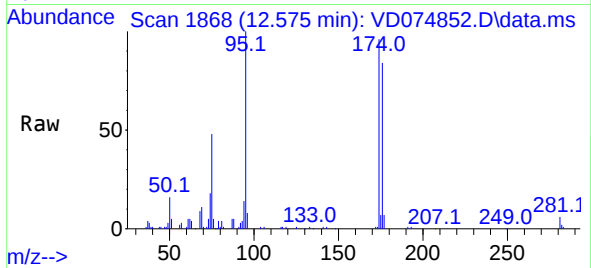
Tgt Ion: 75 Resp: 39336
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.828 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074852.D
 Acq: 10 Nov 2022 04:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:	75	Resp:	39336
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

