

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074605.D
 Acq On : 20 Oct 2022 18:41
 Operator : VA/SY
 Sample : N5223-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-102022

Quant Time: Oct 21 03:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

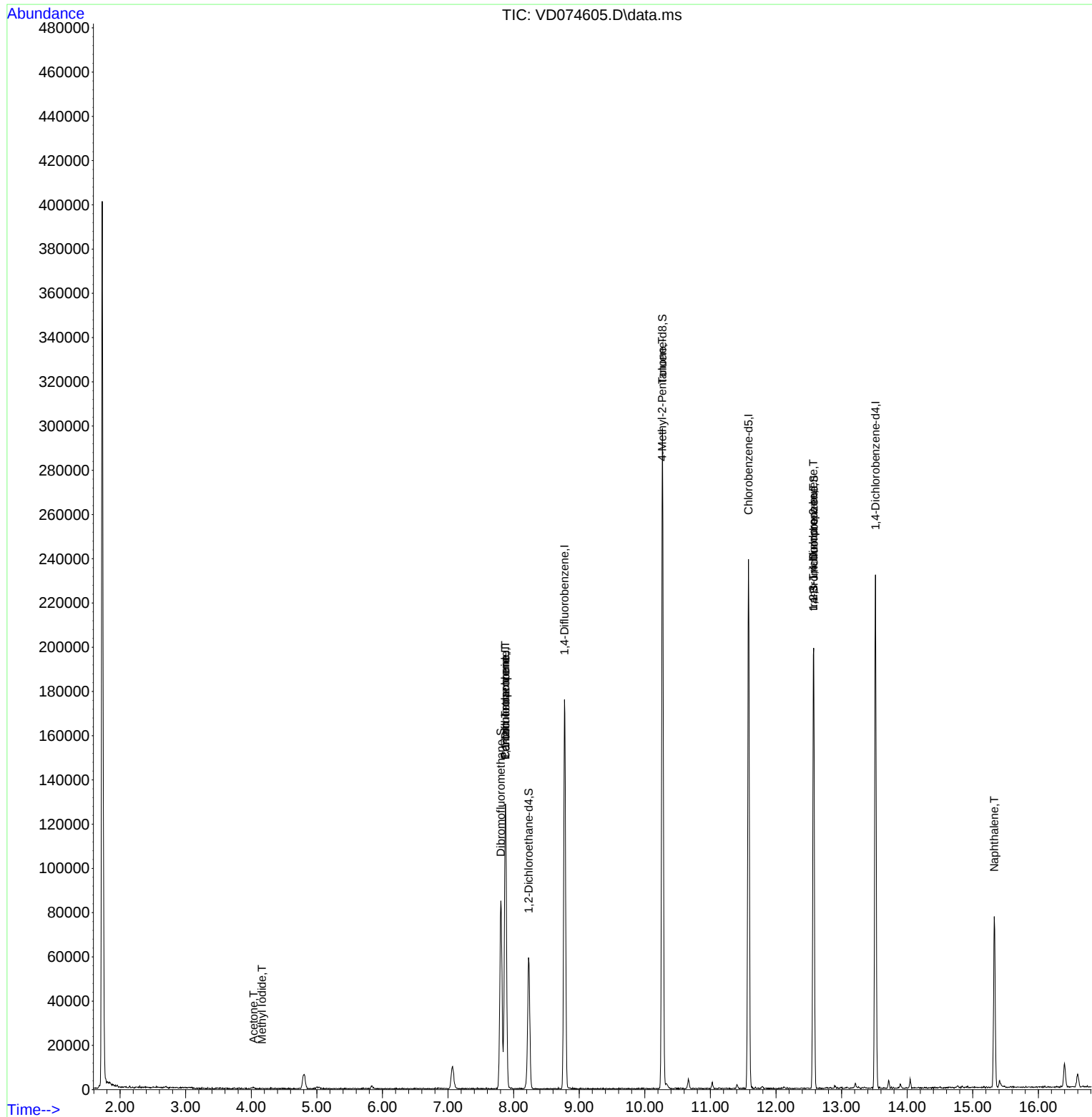
Internal Standards						
1) Pentafluorobenzene	7.875	168	109164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	65945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45794	54.945	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.900%			
35) Dibromofluoromethane	7.805	113	62473	66.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.500%			
50) Toluene-d8	10.269	98	214426	62.605	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.200%			
62) 4-Bromofluorobenzene	12.575	95	58815	60.081	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.160%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	237	4.084	ug/l #	43
11) Tert butyl alcohol	5.028	59	391	Below Cal	#	84
16) Acetone	4.034	43	978	5.374	ug/l #	37
20) Methylene Chloride	4.799	84	5732	Below Cal		98
36) 1,1-Dichloropropene	7.875	75	7596	4.941	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9957	6.615	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	669	1.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	29311	50.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	29311	130.085	ug/l #	17
95) Naphthalene	15.328	128	72345	28.954	ug/l	99

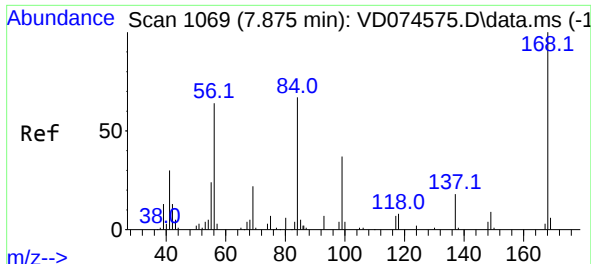
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

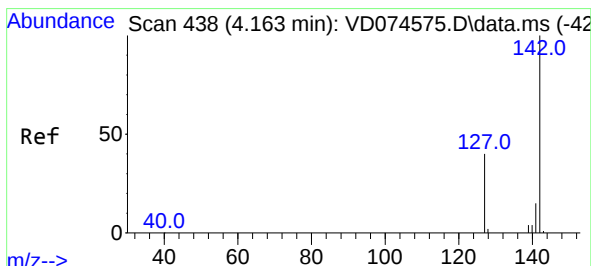
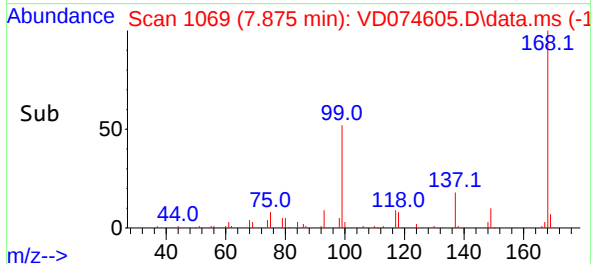
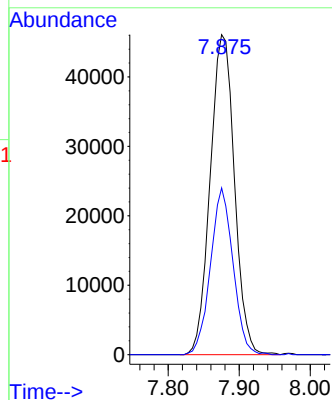
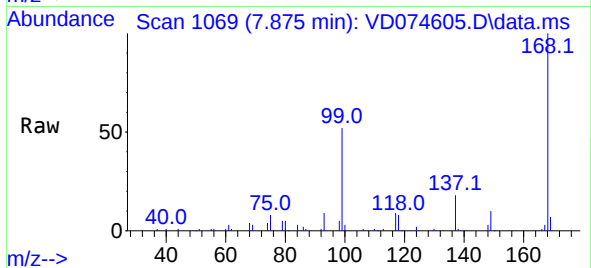




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

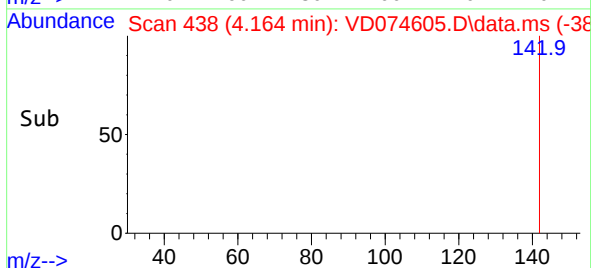
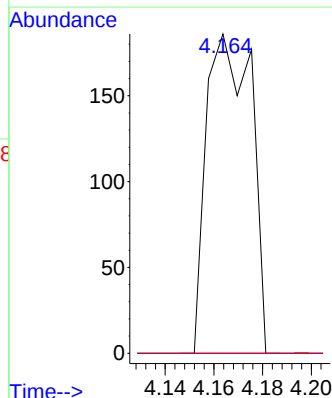
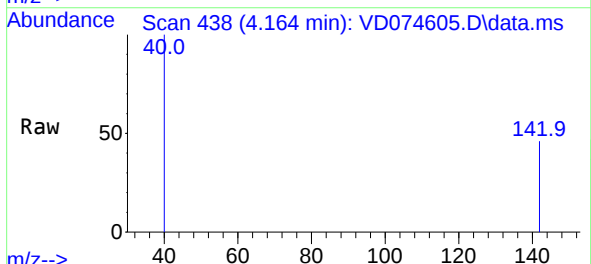
Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

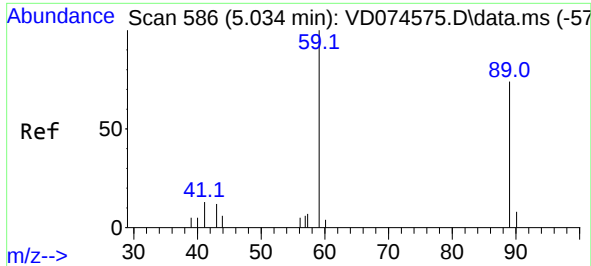
Tgt Ion:168 Resp: 109164
Ion Ratio Lower Upper
168 100
99 52.1 40.9 61.3



#10
Methyl Iodide
Concen: 4.084 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion:142 Resp: 237
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: 5.028 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074605.D

Acq: 20 Oct 2022 18:41

Instrument :

MSVOA_D

ClientSampleId :

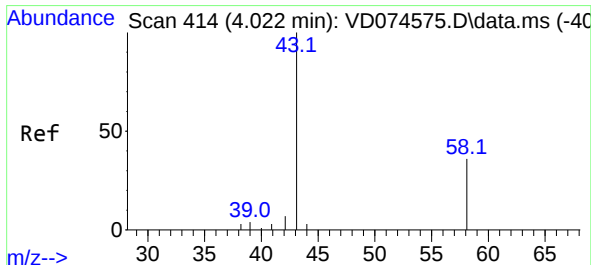
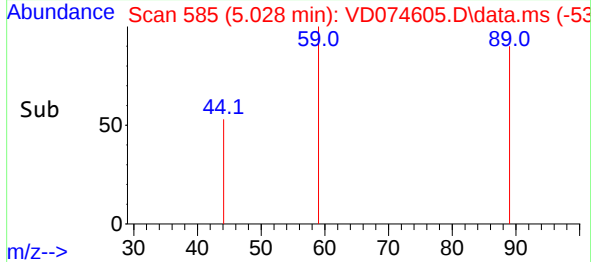
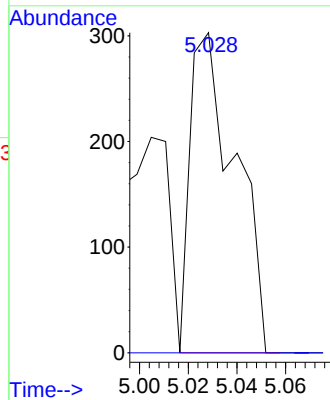
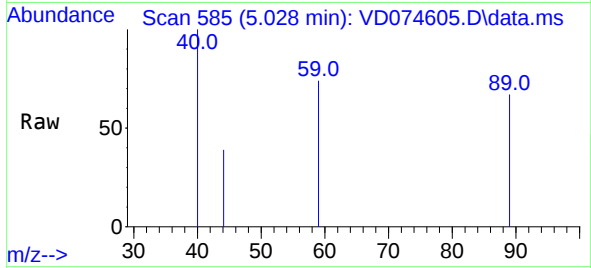
OR-3-102022

Tgt Ion: 59 Resp: 391

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 5.374 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD074605.D

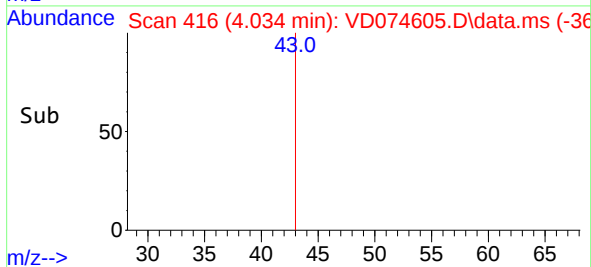
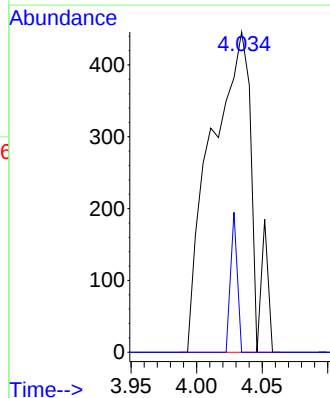
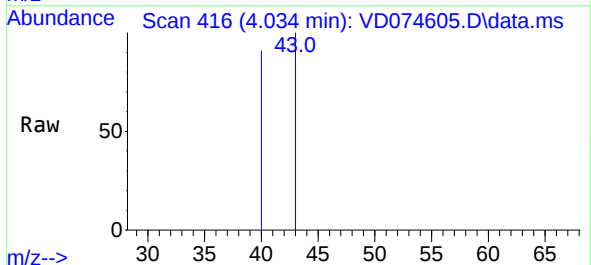
Acq: 20 Oct 2022 18:41

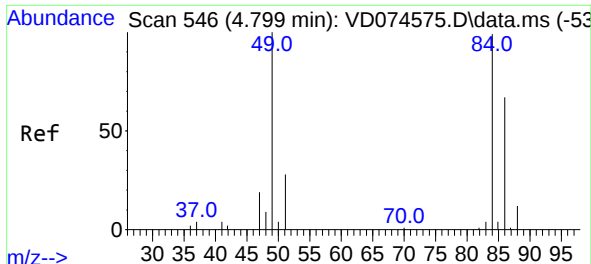
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



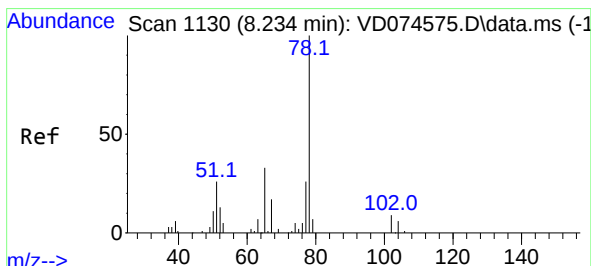
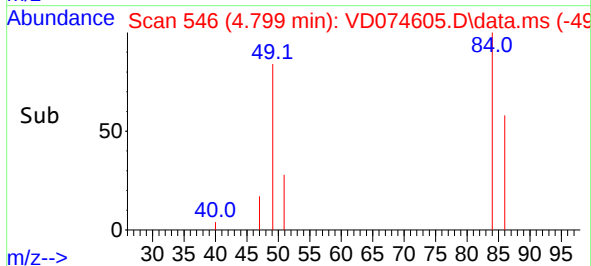
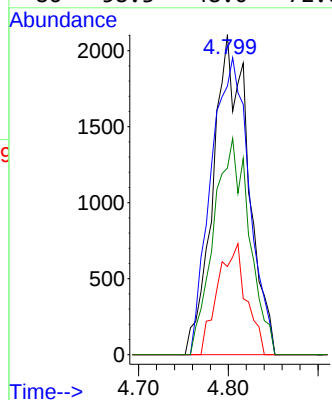
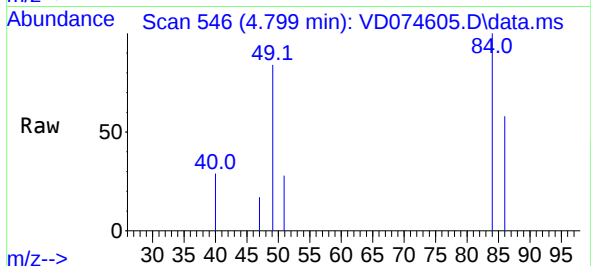


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

Tgt Ion: 84 Resp: 5732

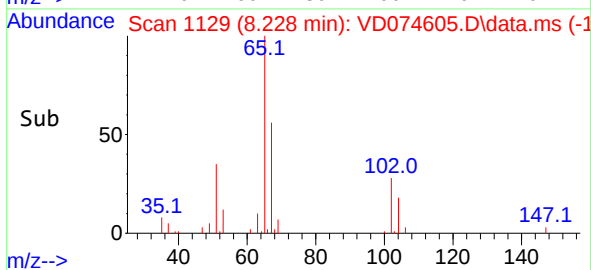
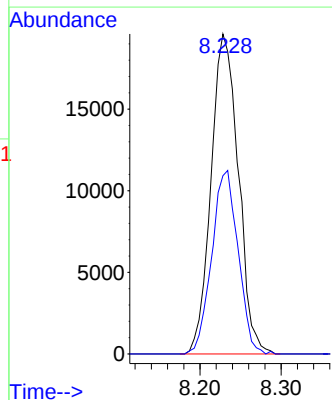
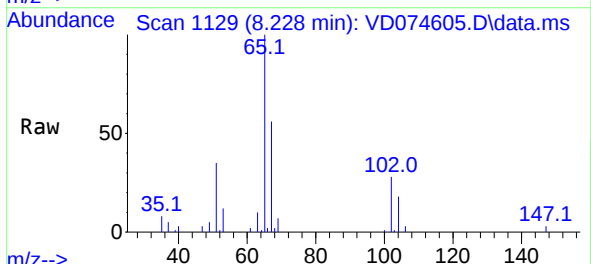
Ion	Ratio	Lower	Upper
84	100		
49	83.9	68.0	102.0
51	27.6	23.2	34.8
86	58.3	48.0	72.0

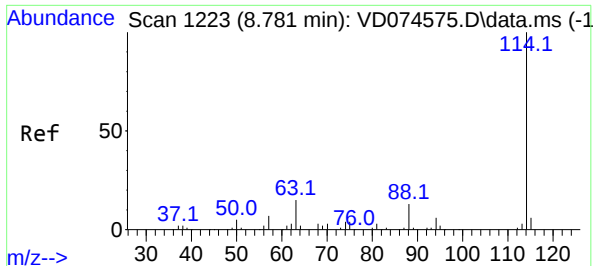


#33
1,2-Dichloroethane-d4
Concen: 54.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion: 65 Resp: 45794

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.2

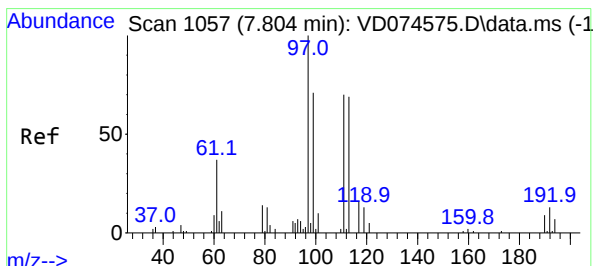
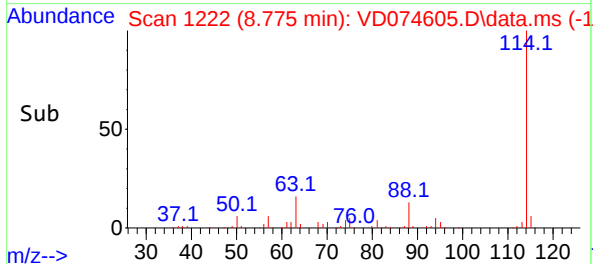
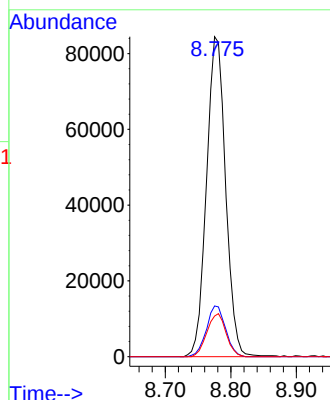
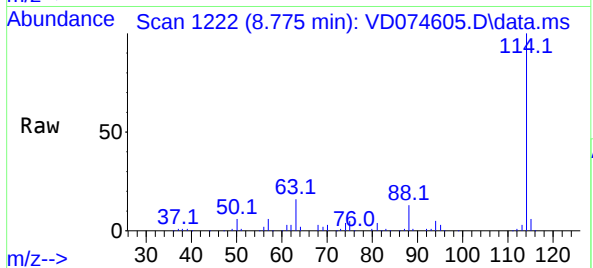




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

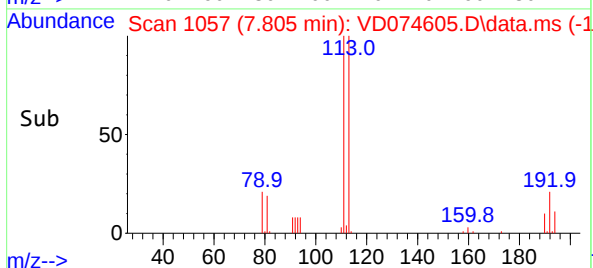
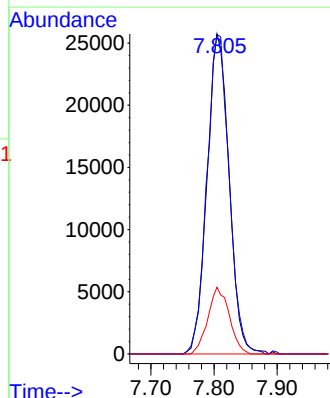
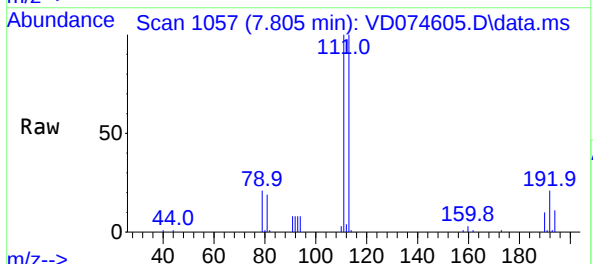
Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

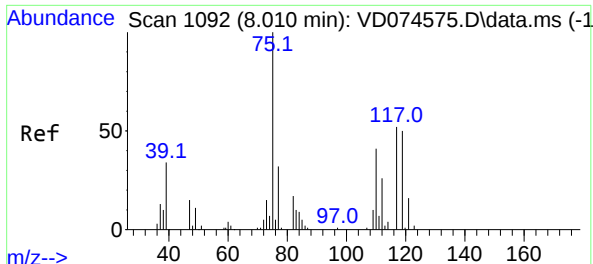
Tgt Ion:114 Resp: 171123
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.2
88 12.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 66.252 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion:113 Resp: 62473
Ion Ratio Lower Upper
113 100
111 100.4 82.3 123.5
192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074605.D

Acq: 20 Oct 2022 18:41

Instrument :

MSVOA_D

ClientSampleId :

OR-3-102022

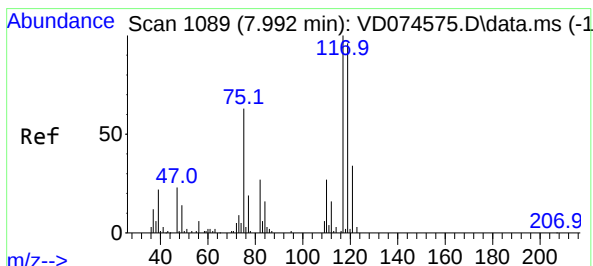
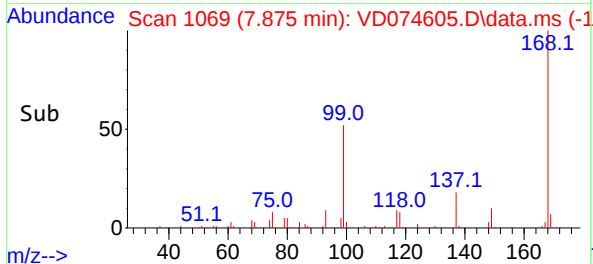
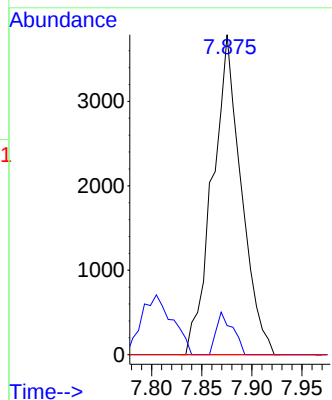
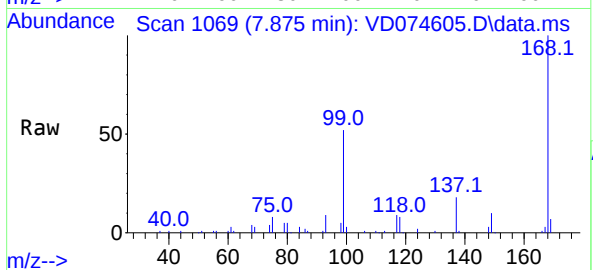
Tgt Ion: 75 Resp: 7596

Ion Ratio Lower Upper

75 100

110 7.5 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.615 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074605.D

Acq: 20 Oct 2022 18:41

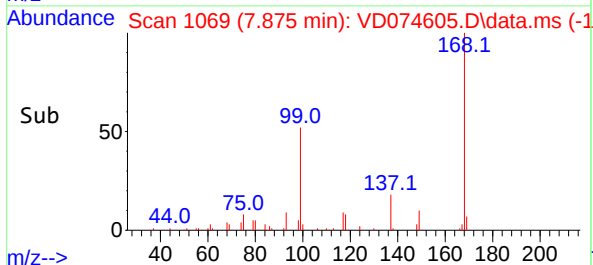
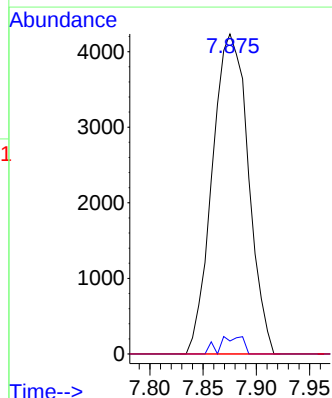
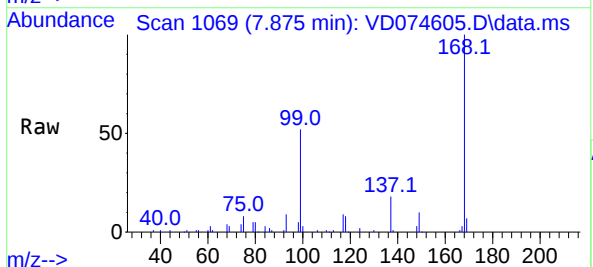
Tgt Ion: 117 Resp: 9957

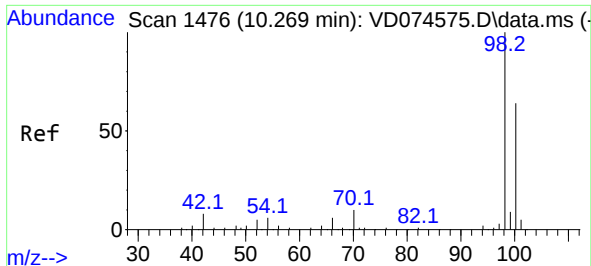
Ion Ratio Lower Upper

117 100

119 4.1 73.1 109.7#

121 0.0 25.0 37.6#

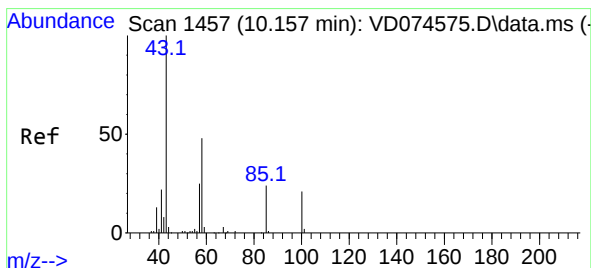
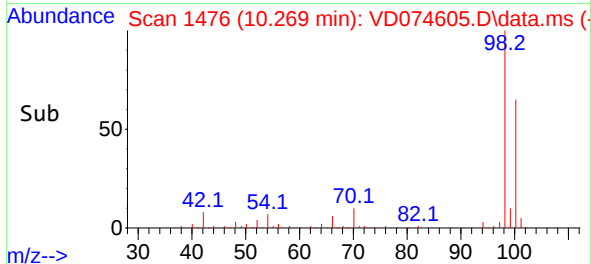
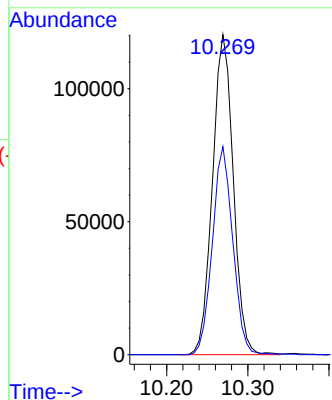
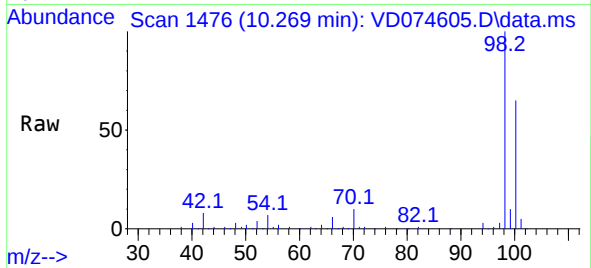




#50
Toluene-d8
Concen: 62.605 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

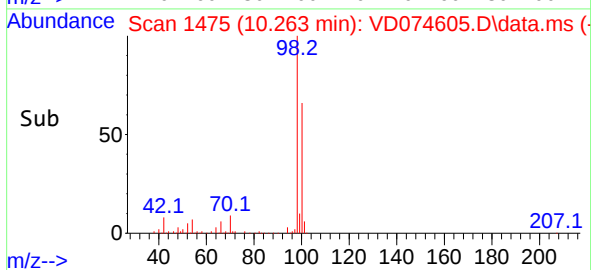
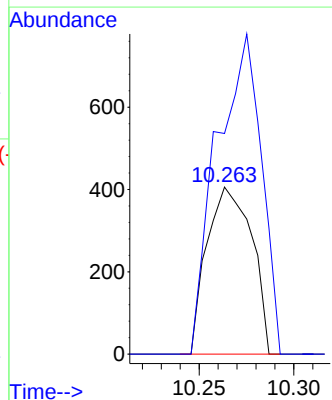
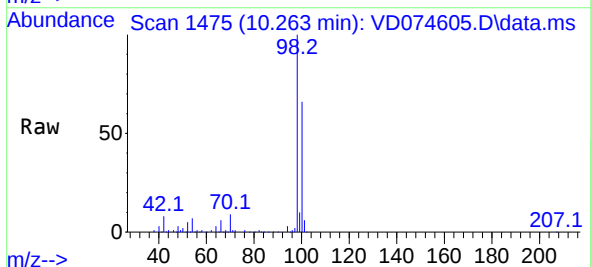
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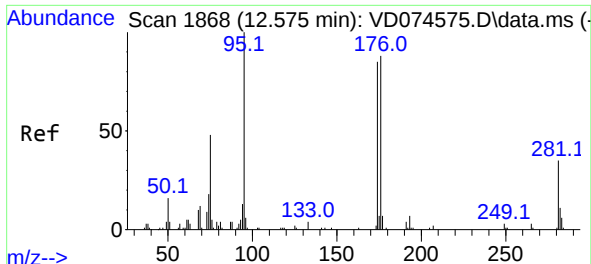
Tgt Ion: 98 Resp: 214426
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.492 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 190.3 37.8 56.6#

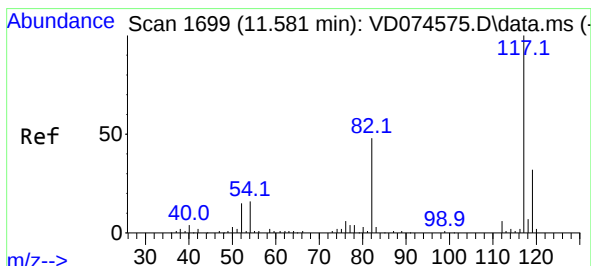
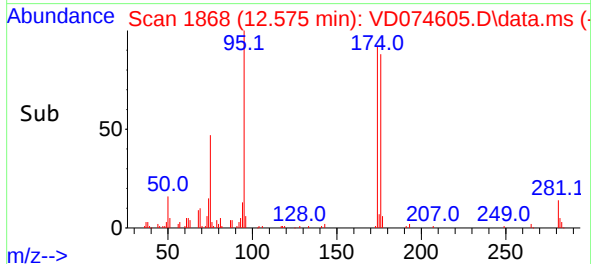
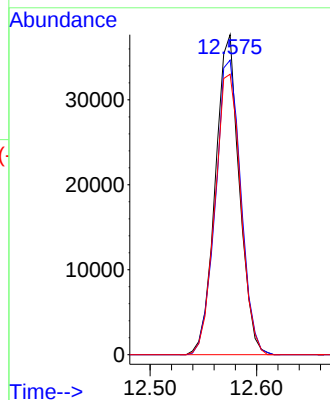
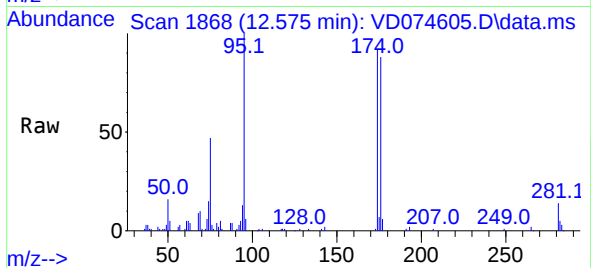




#62
4-Bromofluorobenzene
Concen: 60.081 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

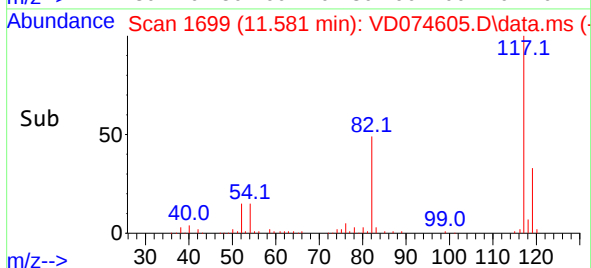
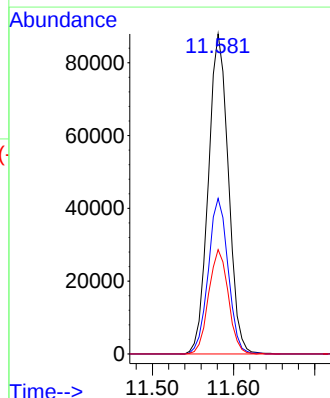
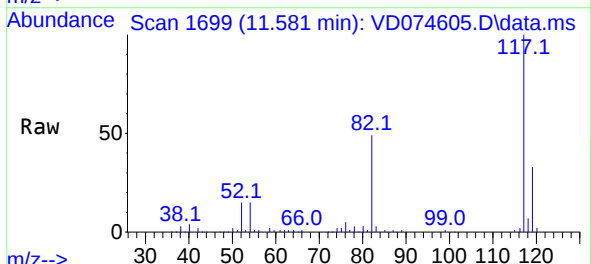
Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

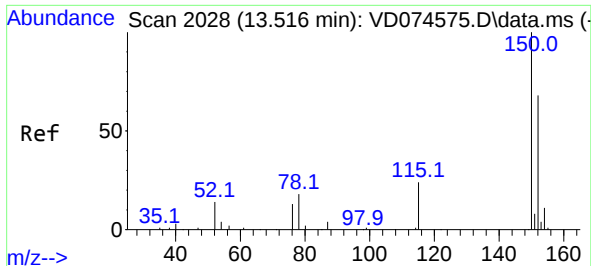
Tgt Ion:	95	Resp:	58815
Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	197.0
176	94.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion:	117	Resp:	150765
Ion	Ratio	Lower	Upper
117	100		
82	48.6	41.6	62.4
119	32.6	25.2	37.8

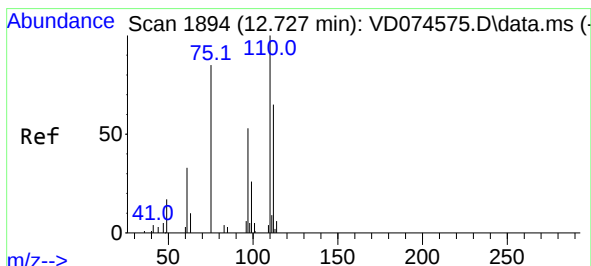
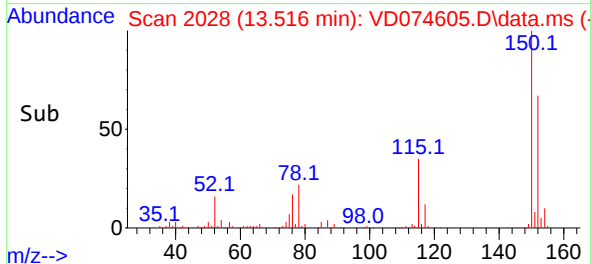
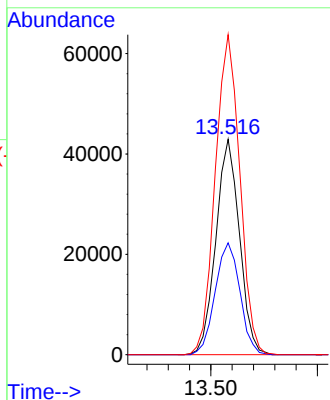
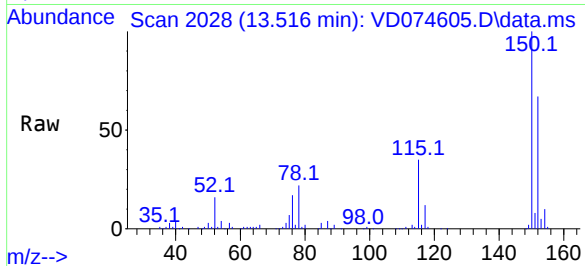




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074605.D
 Acq: 20 Oct 2022 18:41

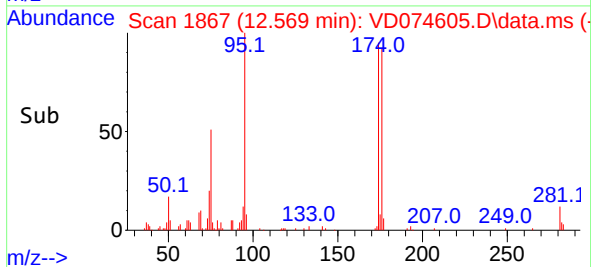
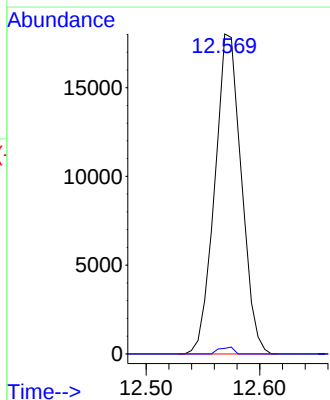
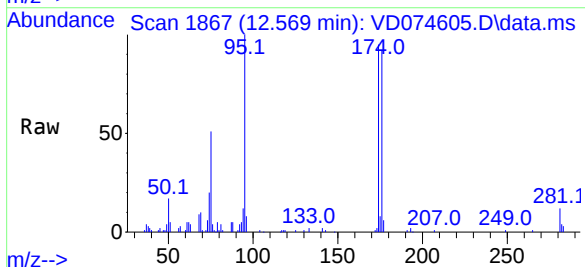
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-102022

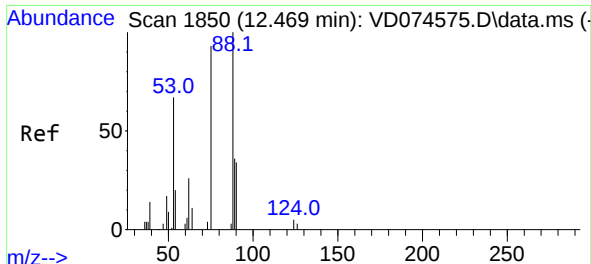
Tgt Ion:152 Resp: 65945
 Ion Ratio Lower Upper
 152 100
 115 54.4 26.8 80.4
 150 154.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 50.904 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074605.D
 Acq: 20 Oct 2022 18:41

Tgt Ion: 75 Resp: 29311
 Ion Ratio Lower Upper
 75 100
 77 1.2 185.8 557.5#

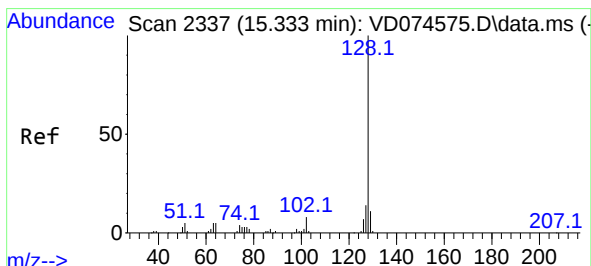
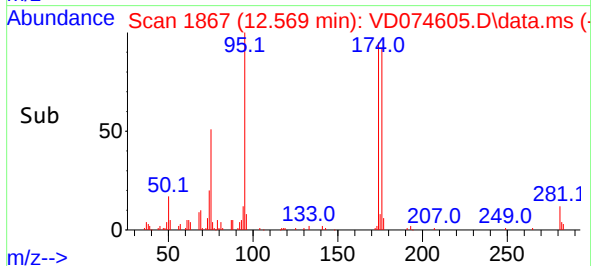
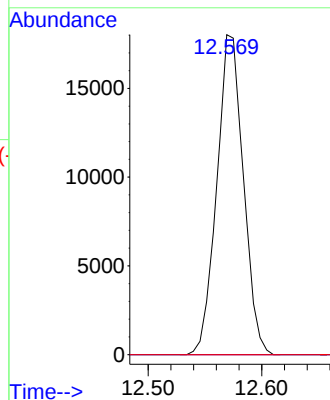
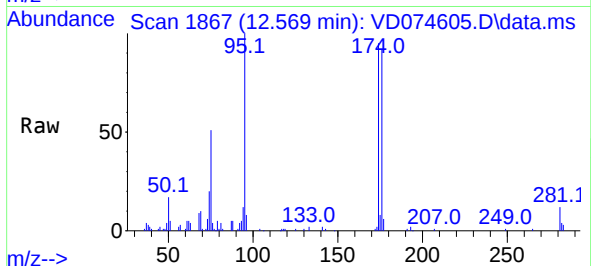




#81
trans-1,4-Dichloro-2-butene
Concen: 130.085 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

Tgt Ion: 75 Resp: 29311
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 28.954 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion:128 Resp: 72345
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.6 8.3 12.5

