

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074835.D
 Acq On : 09 Nov 2022 18:28
 Operator : VA/SY
 Sample : N5511-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-110722

Quant Time: Nov 10 00:37:24 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)

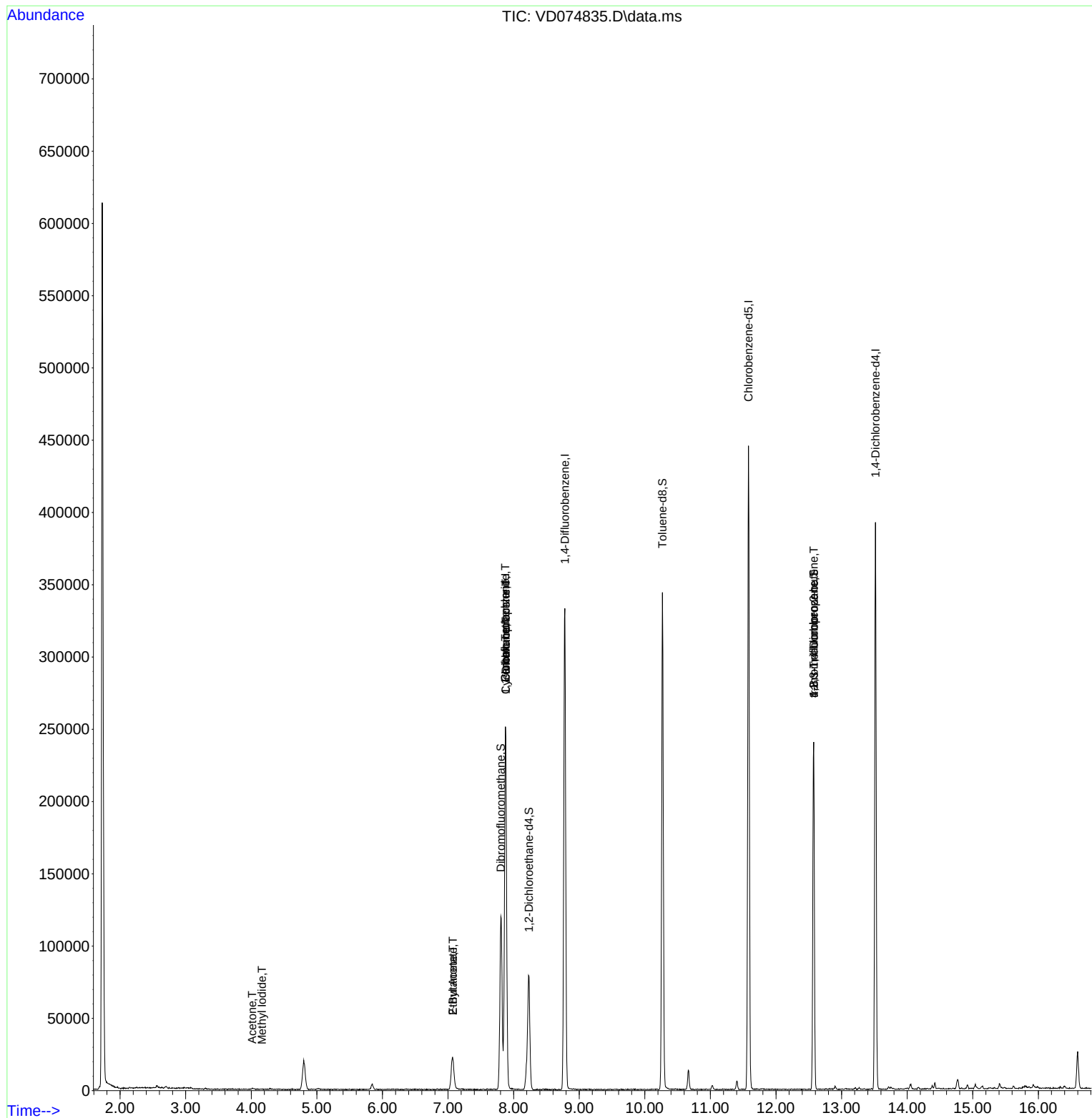
Internal Standards						
1) Pentafluorobenzene	7.875	168	202511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60377	37.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.280%		
35) Dibromofluoromethane	7.805	113	88389	45.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.860%		
50) Toluene-d8	10.269	98	244449	34.827	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	69.660%		
62) 4-Bromofluorobenzene	12.575	95	73718	36.375	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.740%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	191	5.618	ug/l #	43
11) Tert butyl alcohol	5.028	59	311	Below Cal	#	84
16) Acetone	4.017	43	613	1.831	ug/l	96
20) Methylene Chloride	4.799	84	16667	Below Cal	#	83
25) 2-Butanone	7.075	43	1196	2.599	ug/l #	42
31) Cyclohexane	7.881	56	3549	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	14391	4.927	ug/l #	47
37) Ethyl Acetate	7.075	43	1196	1.228	ug/l #	66
38) Carbon Tetrachloride	7.875	117	19138	6.916	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	35835	41.727	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	35835	99.050	ug/l #	17

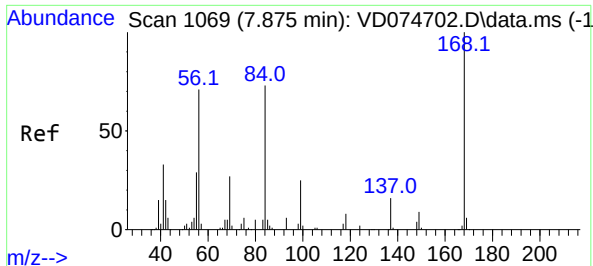
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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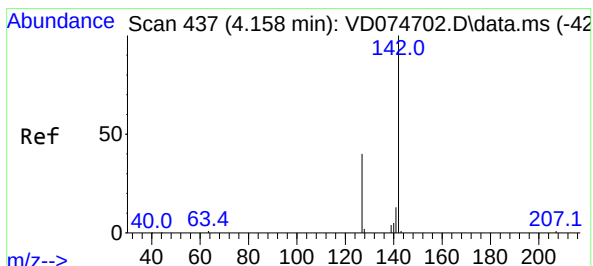
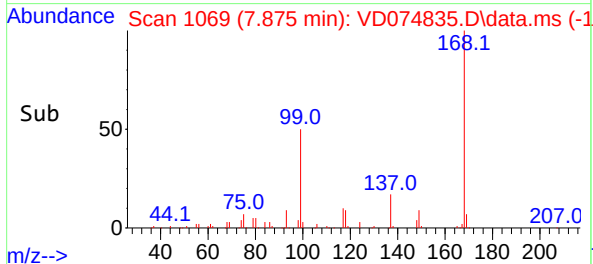
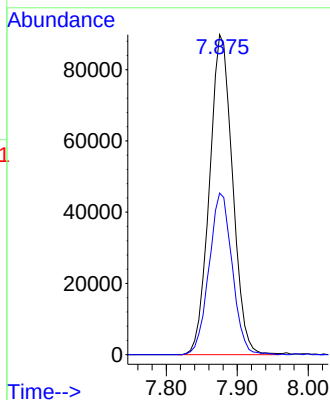
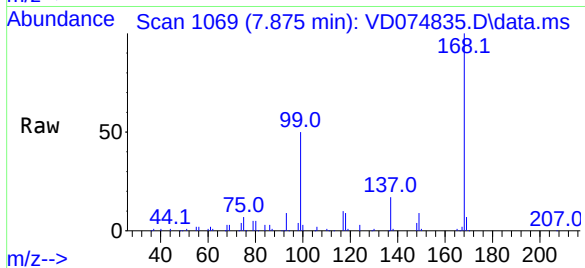




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

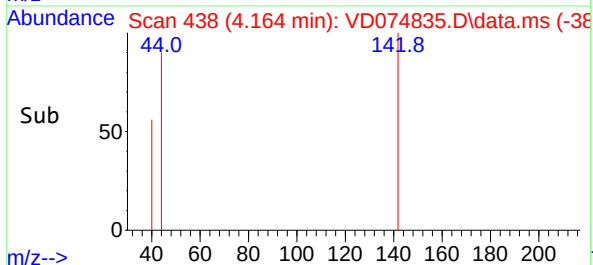
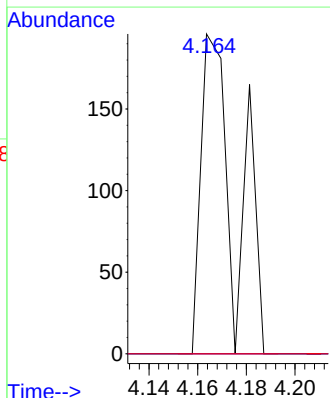
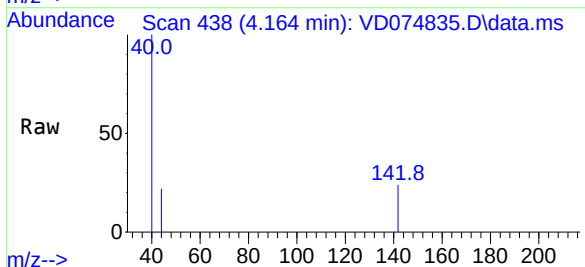
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

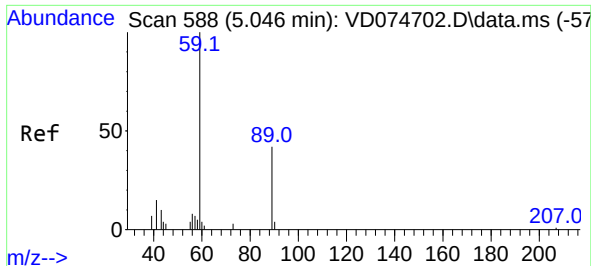
Tgt Ion:168 Resp: 202511
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.618 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion:142 Resp: 191
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

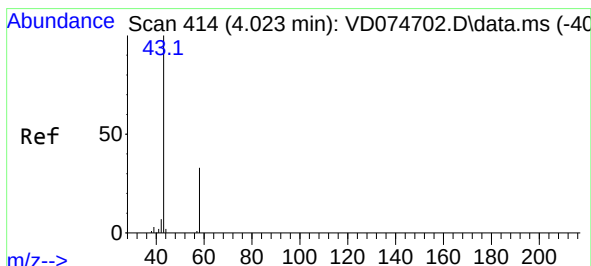
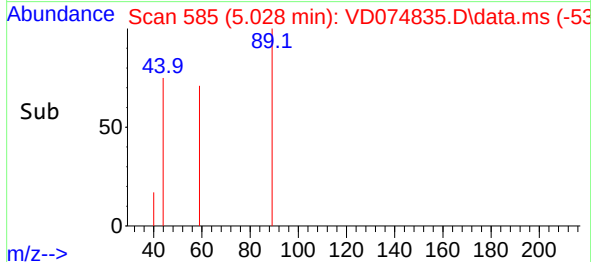
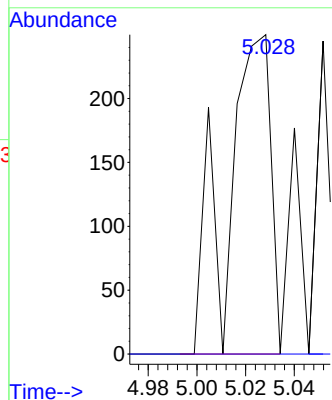
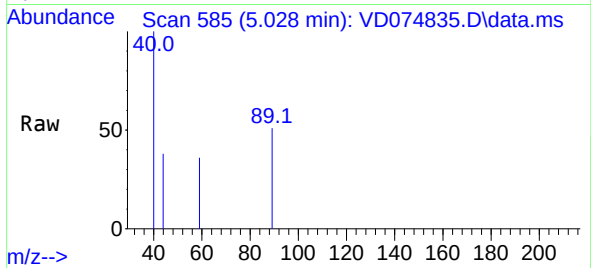




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

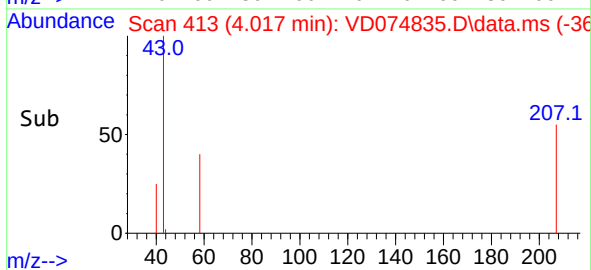
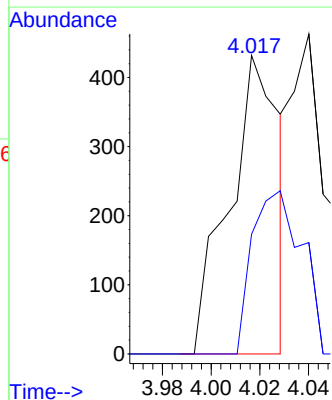
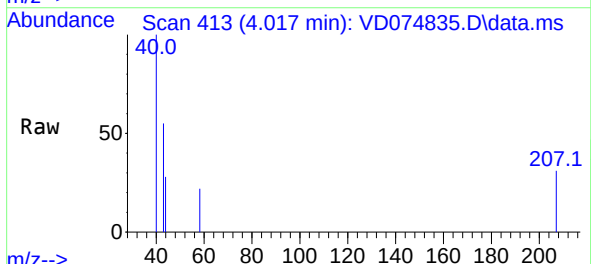
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

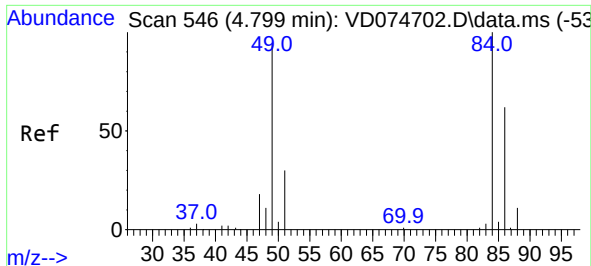
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.831 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 40.0 30.2 45.2



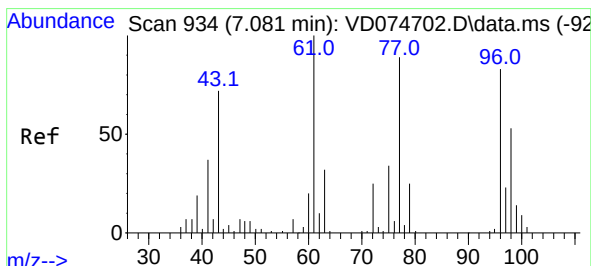
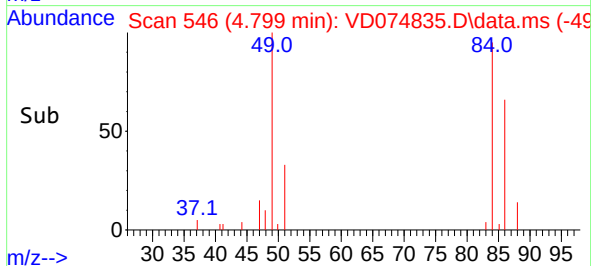
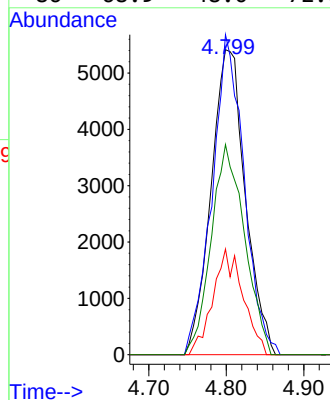
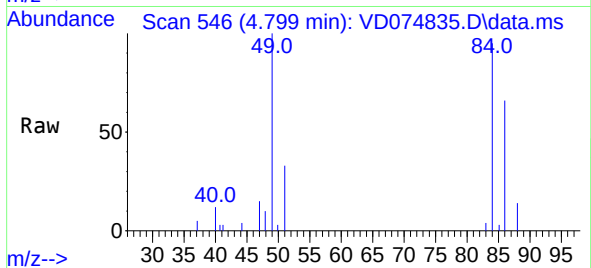


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

Tgt Ion: 84 Resp: 16667

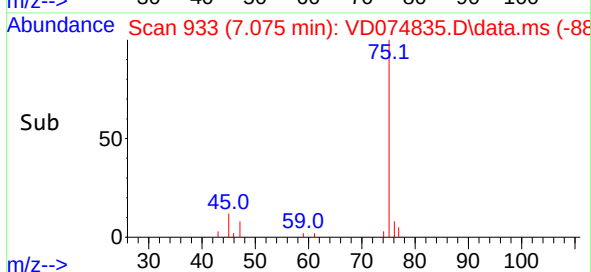
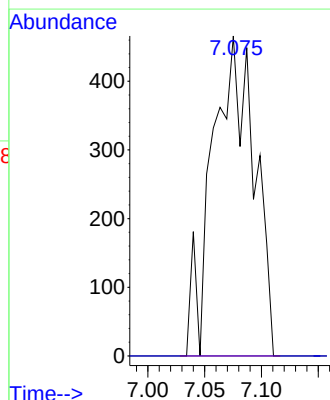
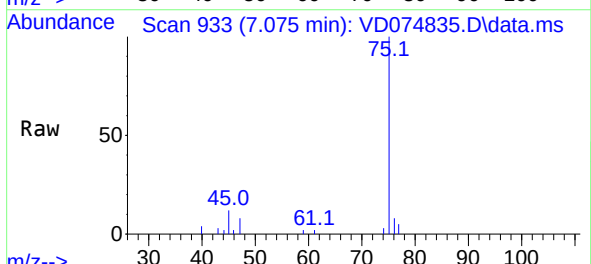
Ion	Ratio	Lower	Upper
84	100		
49	105.0	68.0	102.0#
51	34.6	23.2	34.8
86	68.9	48.0	72.0

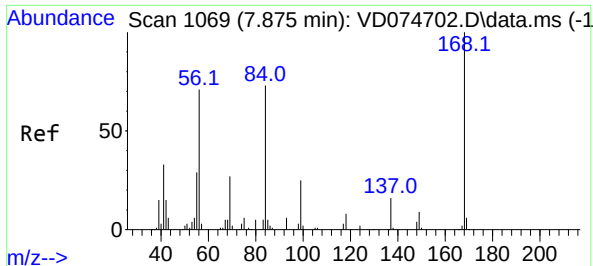


#25
2-Butanone
Concen: 2.599 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion: 43 Resp: 1196

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#





#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD074835.D

Acq: 09 Nov 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

PL-03-110722

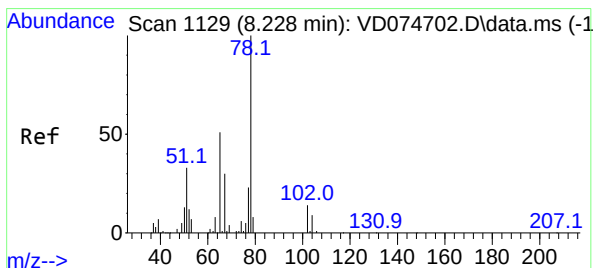
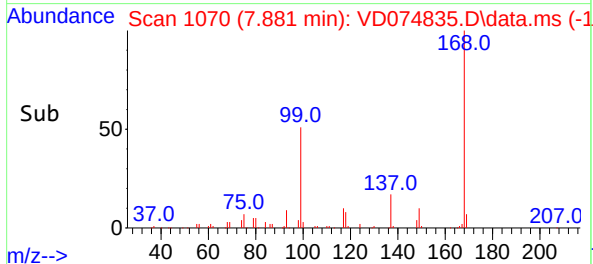
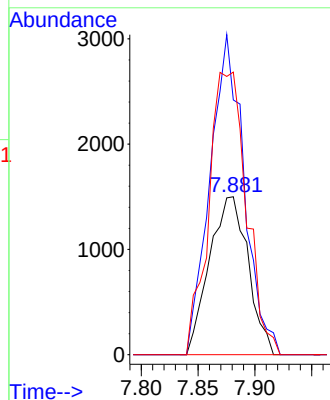
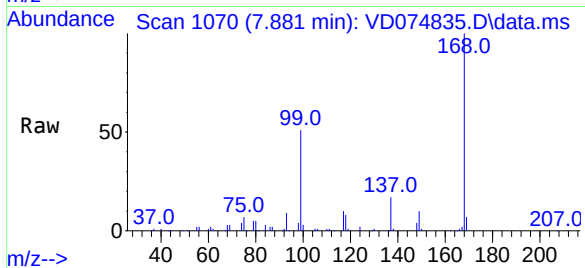
Tgt Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

69 161.2 29.2 43.8#

84 178.9 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 37.643 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074835.D

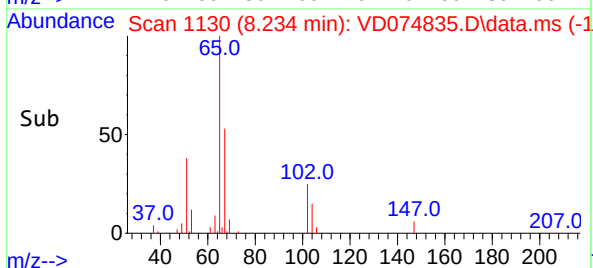
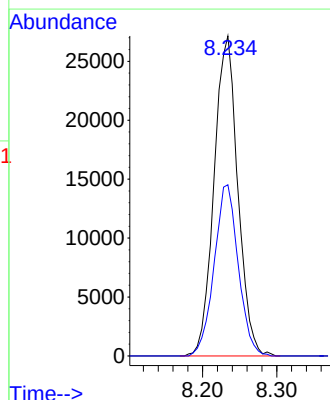
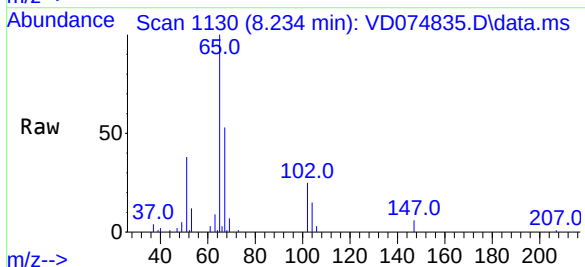
Acq: 09 Nov 2022 18:28

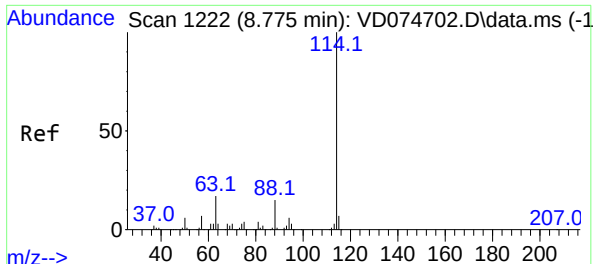
Tgt Ion: 65 Resp: 60377

Ion Ratio Lower Upper

65 100

67 54.3 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: VD074835.D

Acq: 09 Nov 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

PL-03-110722

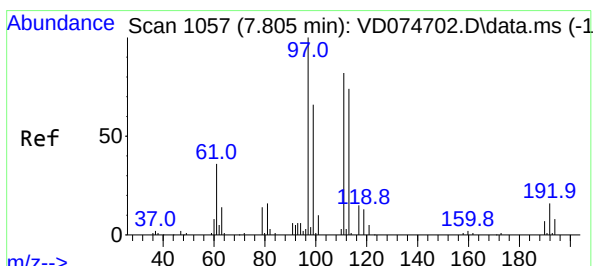
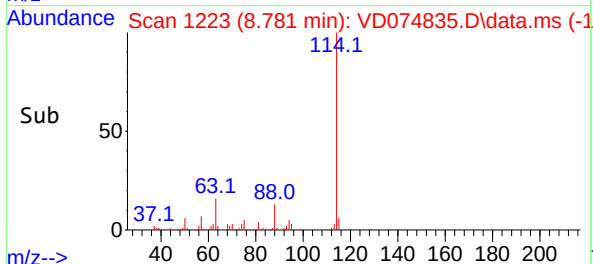
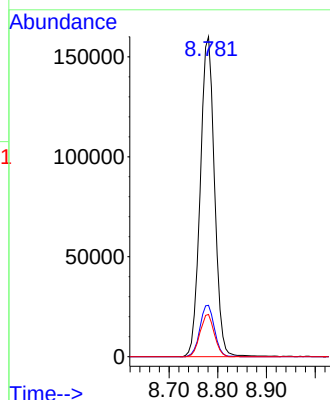
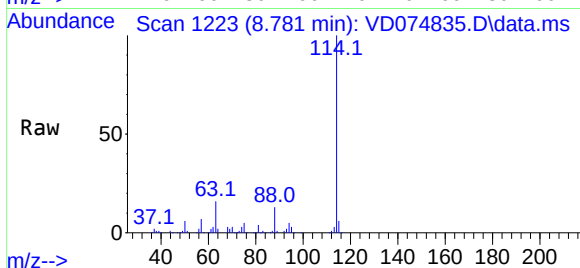
Tgt Ion:114 Resp: 325291

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 45.935 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074835.D

Acq: 09 Nov 2022 18:28

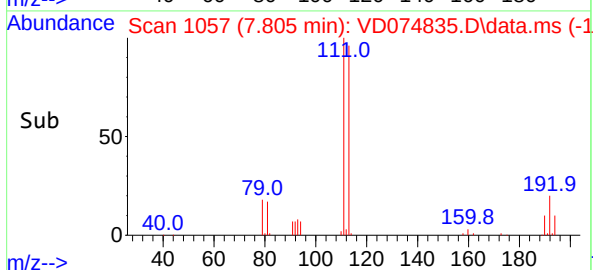
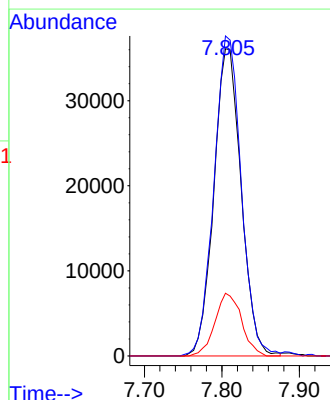
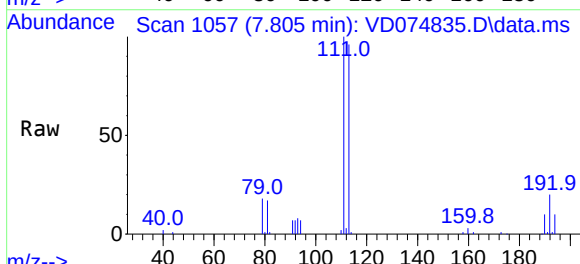
Tgt Ion:113 Resp: 88389

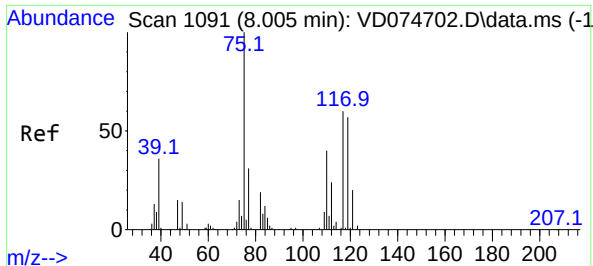
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 19.9 16.4 24.6

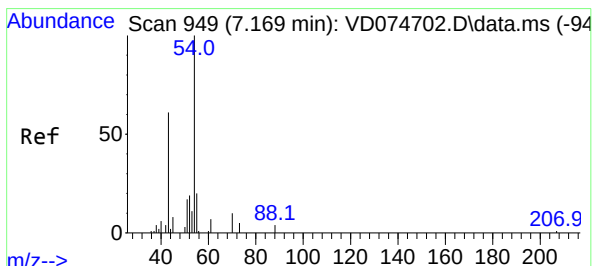
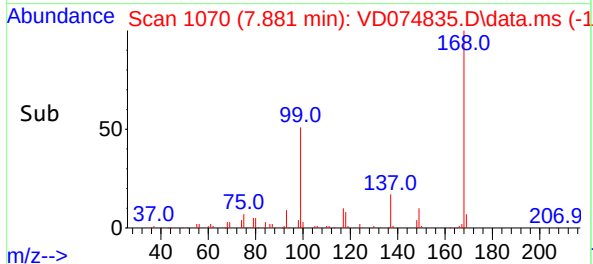
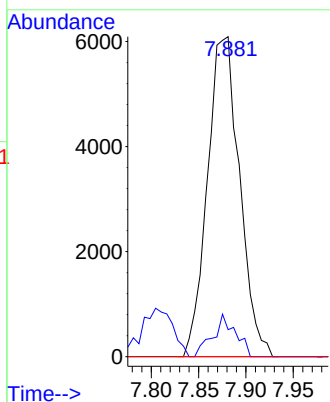
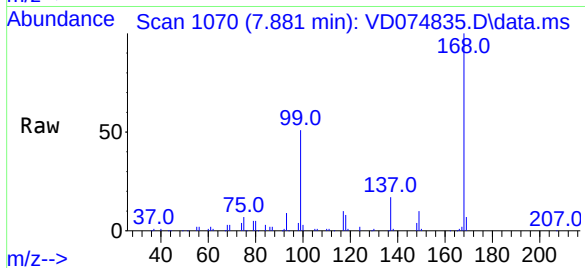




#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

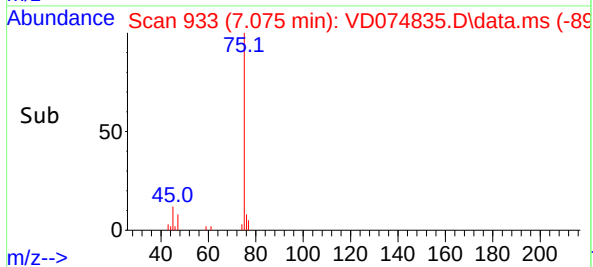
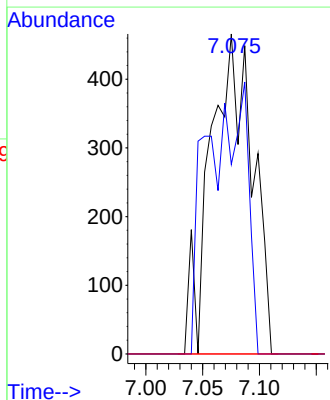
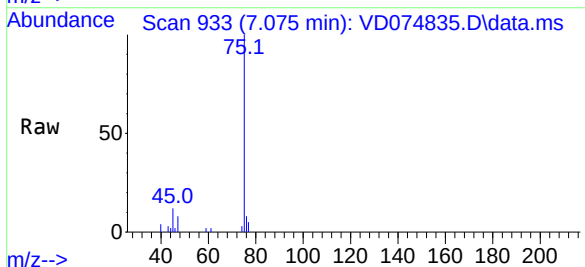
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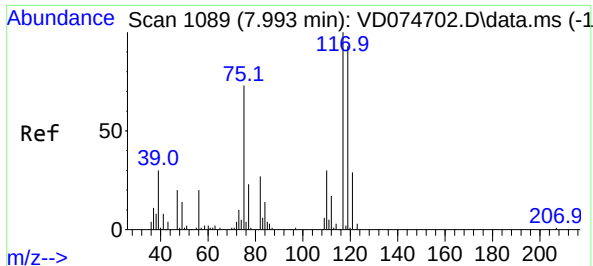
Tgt Ion: 75 Resp: 14391
Ion Ratio Lower Upper
75 100
110 9.3 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.228 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.6 14.4#

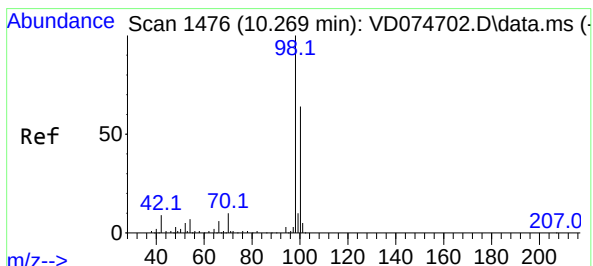
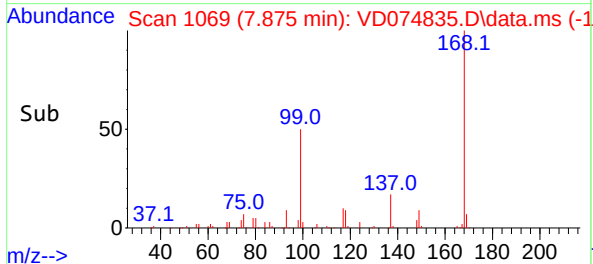
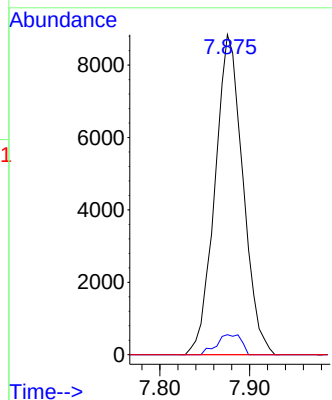
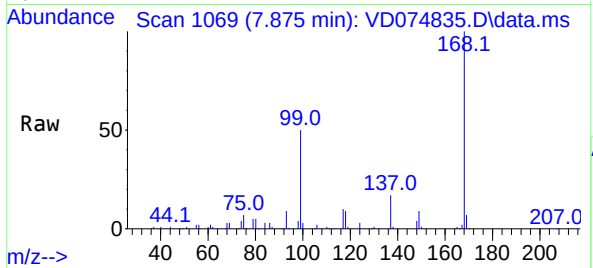




#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

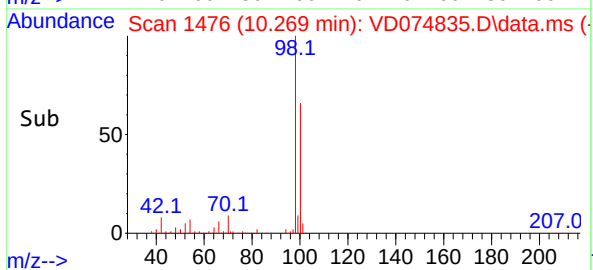
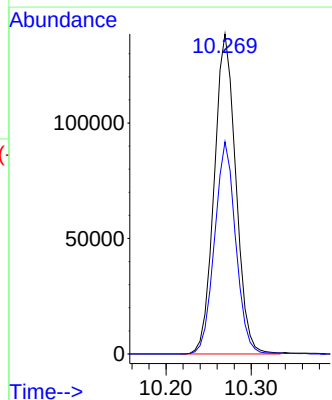
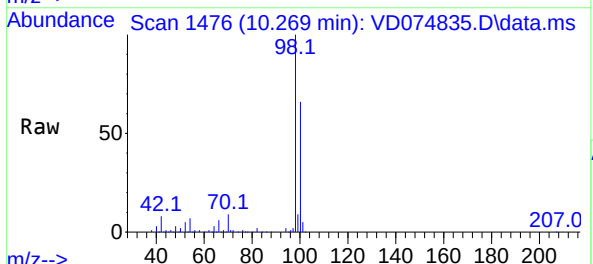
Instrument : MSVOA_D
ClientSampleId : PL-03-110722

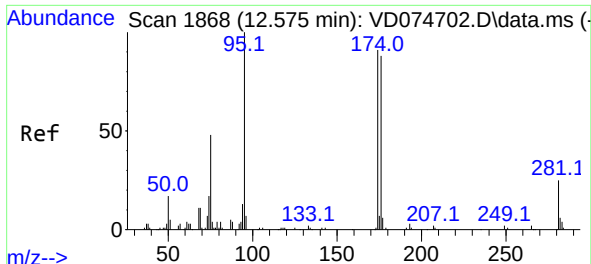
Tgt Ion:117 Resp: 19138
Ion Ratio Lower Upper
117 100
119 6.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 34.827 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion: 98 Resp: 244449
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

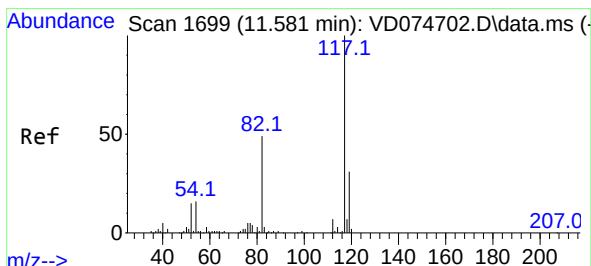
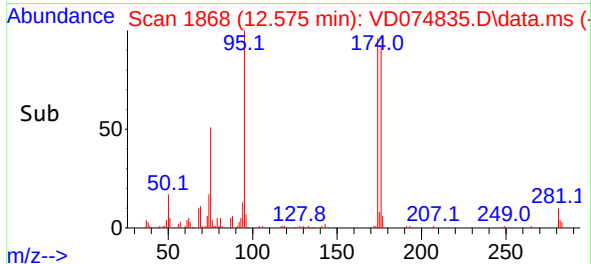
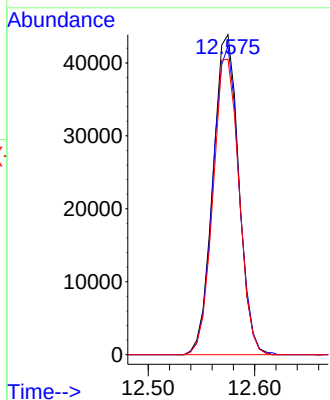
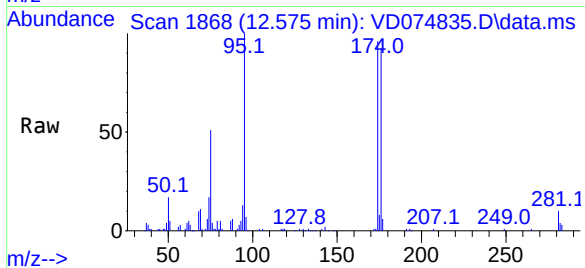




#62
4-Bromofluorobenzene
Concen: 36.375 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

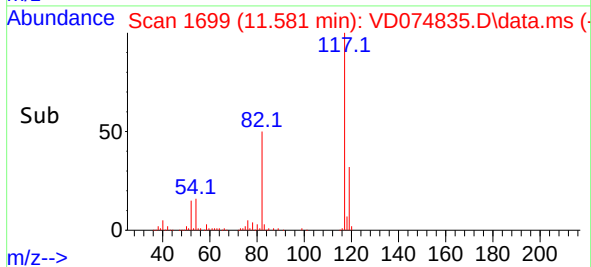
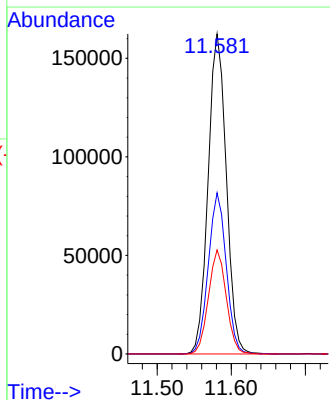
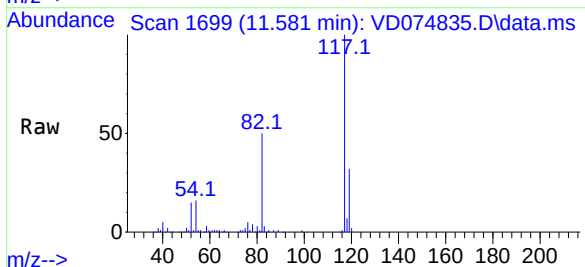
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

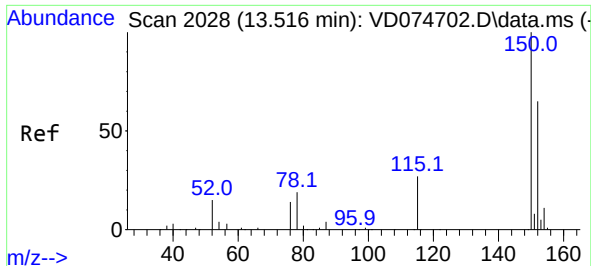
Tgt Ion: 95 Resp: 73718
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 93.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

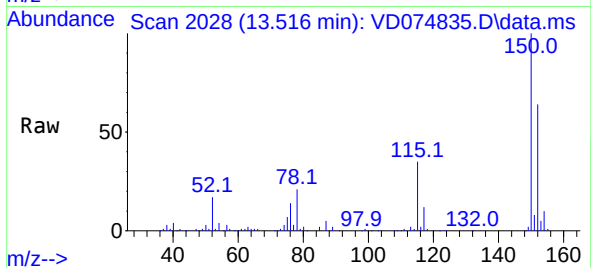
Tgt Ion: 117 Resp: 276920
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 32.5 25.2 37.8



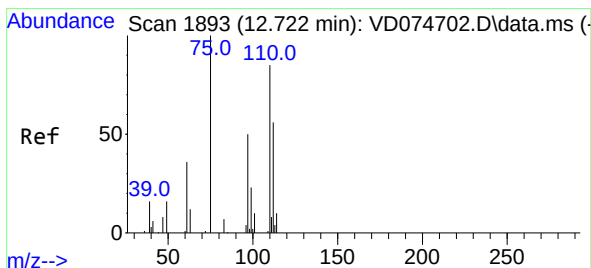
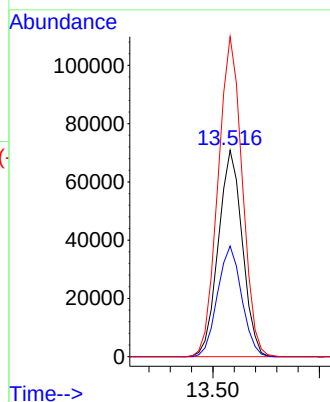
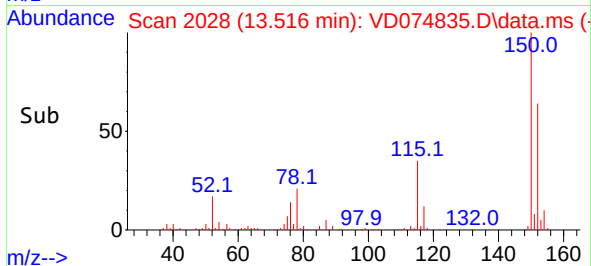


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

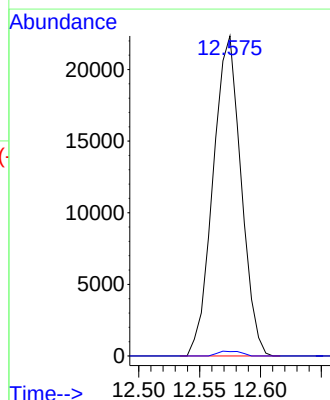
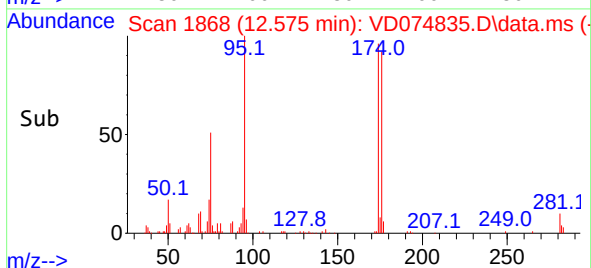
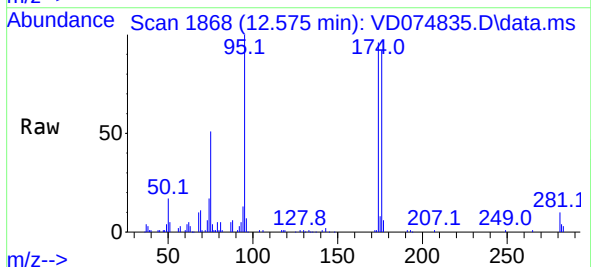


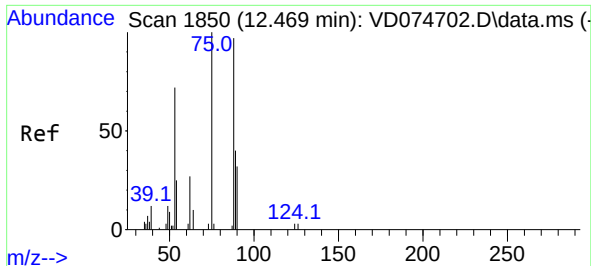
Tgt Ion:152 Resp: 110783
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 156.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 41.727 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

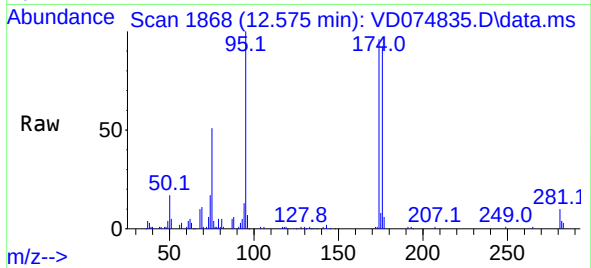
Tgt Ion: 75 Resp: 35835
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.050 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074835.D
 Acq: 09 Nov 2022 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-110722



Tgt Ion: 75 Resp: 35835

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

