

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074851.D
 Acq On : 10 Nov 2022 03:36
 Operator : VA/SY
 Sample : N5506-13
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10

Quant Time: Nov 10 05:51:20 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)

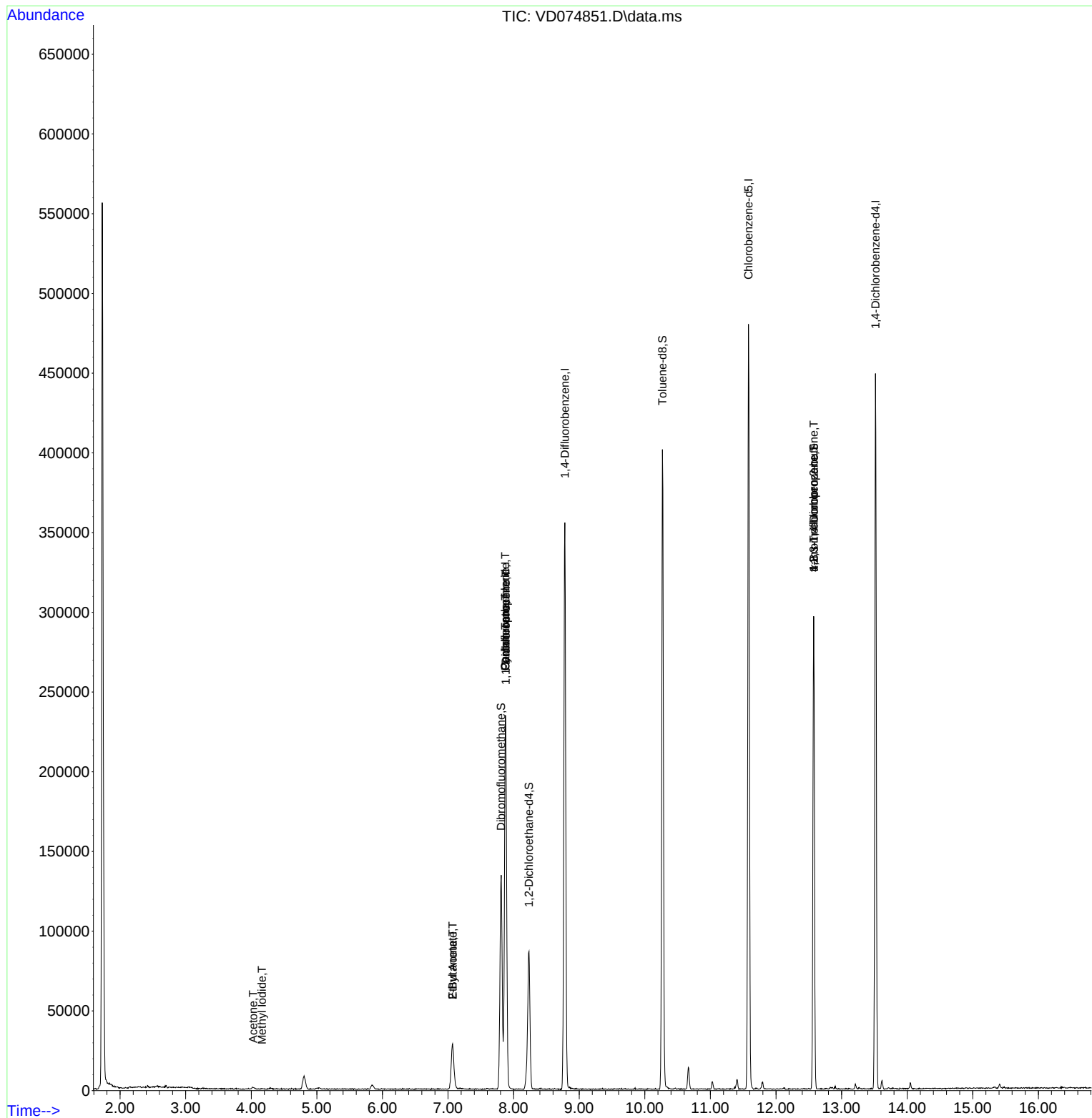
Internal Standards						
1) Pentafluorobenzene	7.875	168	195949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	339284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66698	42.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.960%
35) Dibromofluoromethane	7.810	113	99765	49.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.269	98	291201	39.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.560%
62) 4-Bromofluorobenzene	12.575	95	90005	42.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.160%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	201	5.623	ug/l #	43
11) Tert butyl alcohol	5.052	59	237	Below Cal	#	84
16) Acetone	4.028	43	1854	5.725	ug/l	89
20) Methylene Chloride	4.799	84	7121	Below Cal		98
25) 2-Butanone	7.069	43	1072	2.407	ug/l #	42
31) Cyclohexane	7.875	56	3691	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	14013	4.600	ug/l #	47
37) Ethyl Acetate	7.069	43	1072	1.055	ug/l #	1
38) Carbon Tetrachloride	7.875	117	18893	6.546	ug/l #	20
76) 1,2,3-Trichloropropane	12.575	75	44481	45.854	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	44481	108.847	ug/l #	17

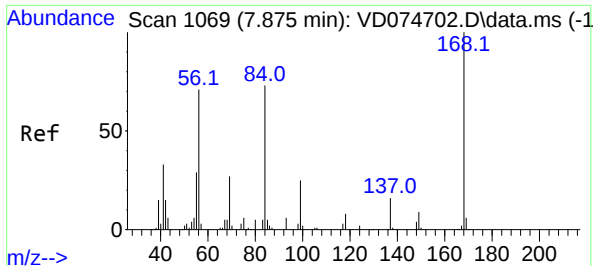
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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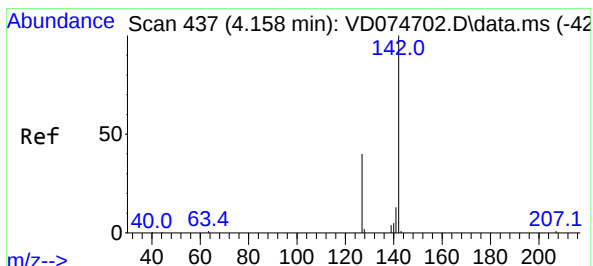
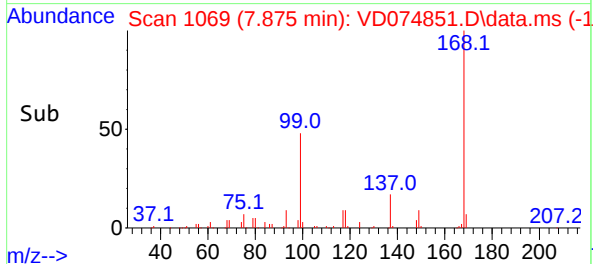
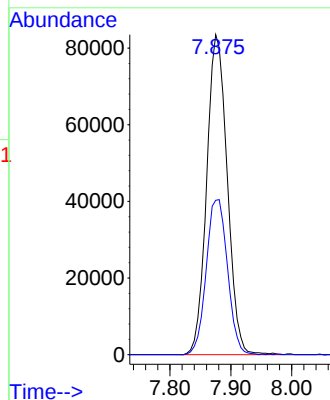
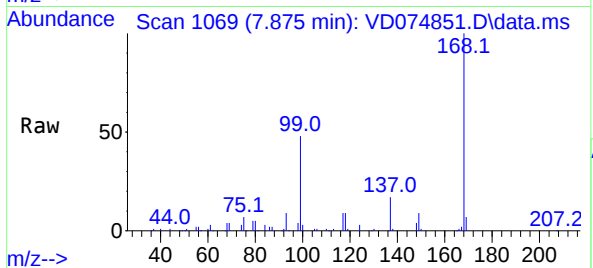




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

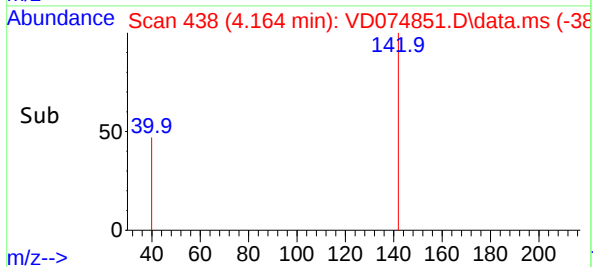
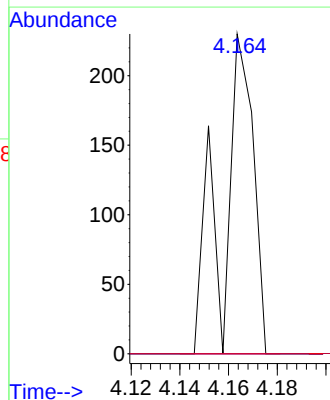
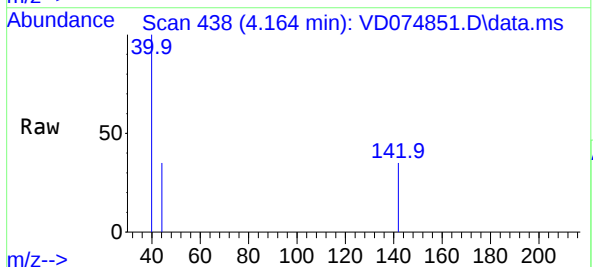
Instrument :
MSVOA_D
ClientSampleId :
TP-10

Tgt Ion:168 Resp: 195949
Ion Ratio Lower Upper
168 100
99 48.3 40.9 61.3



#10
Methyl Iodide
Concen: 5.623 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion:142 Resp: 201
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: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD074851.D

Acq: 10 Nov 2022 03:36

Instrument :

MSVOA_D

ClientSampleId :

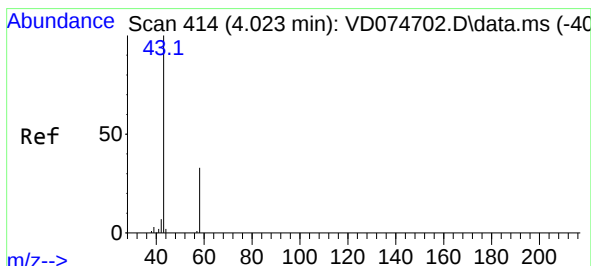
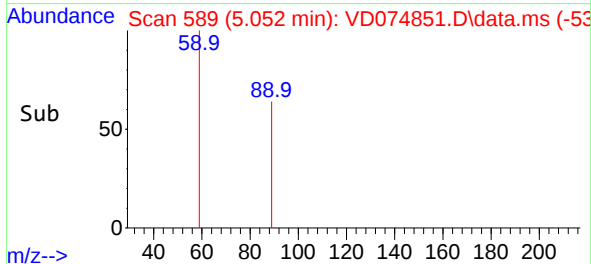
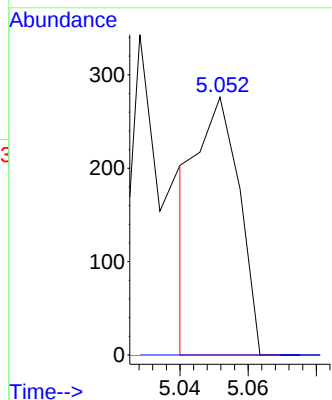
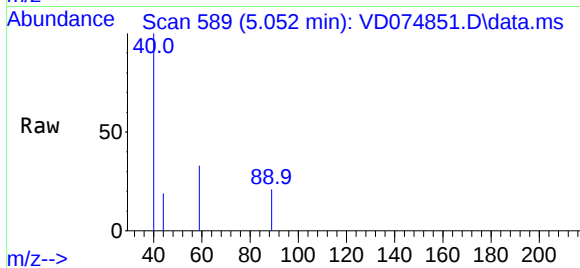
TP-10

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 5.725 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074851.D

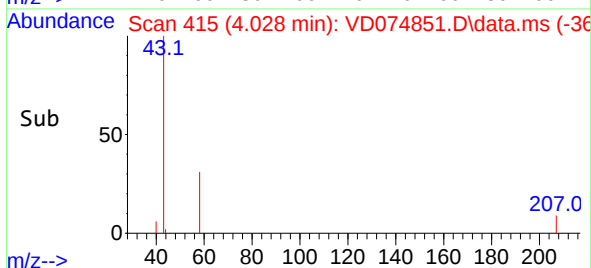
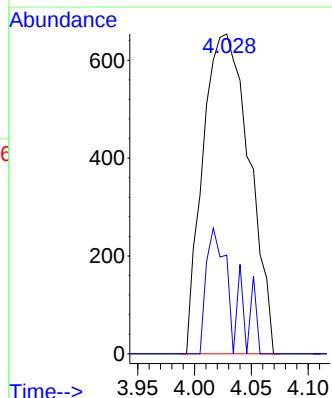
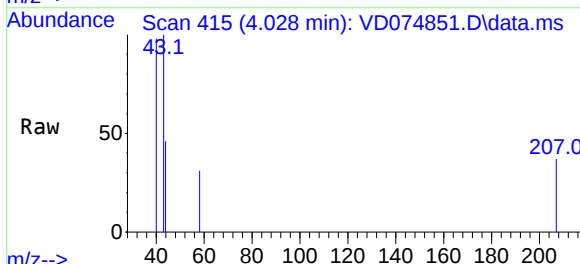
Acq: 10 Nov 2022 03:36

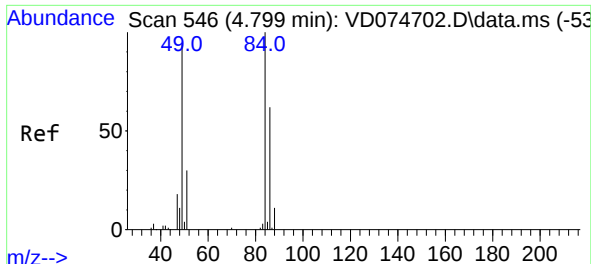
Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

58 30.9 30.2 45.2



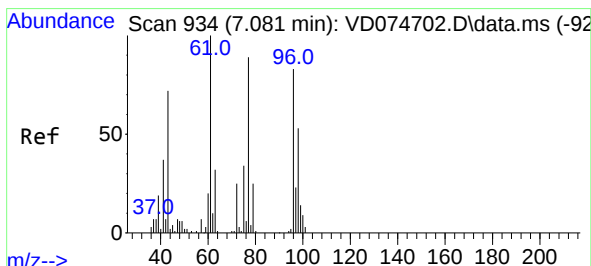
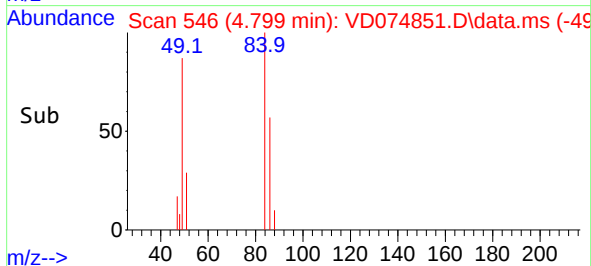
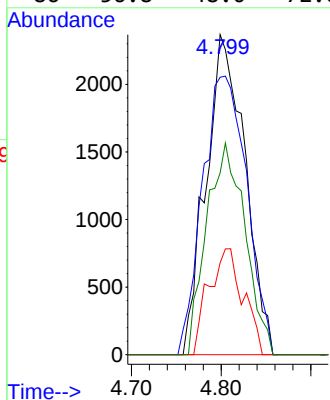
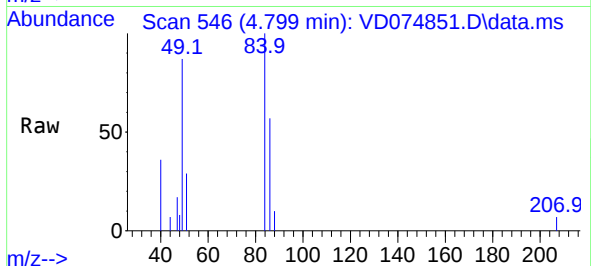


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Instrument :
MSVOA_D
ClientSampleId :
TP-10

Tgt Ion: 84 Resp: 7121

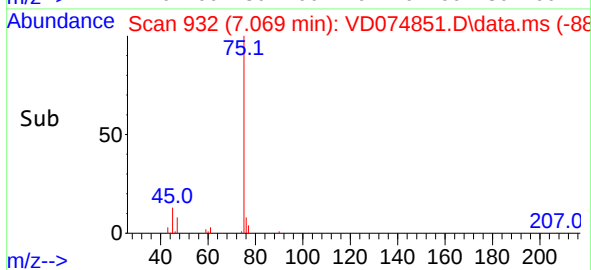
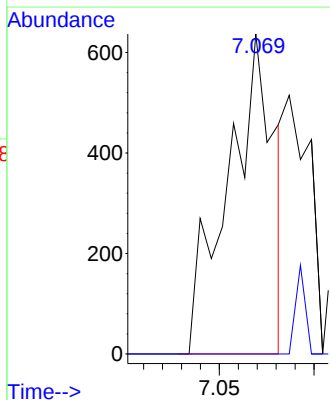
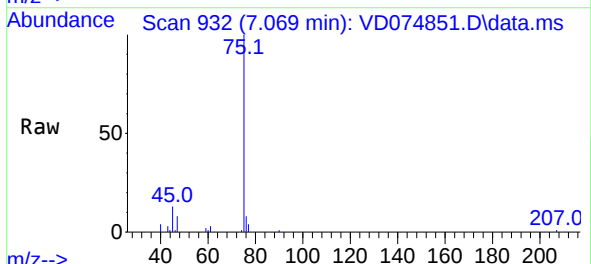
Ion	Ratio	Lower	Upper
84	100		
49	86.7	68.0	102.0
51	28.7	23.2	34.8
86	56.8	48.0	72.0

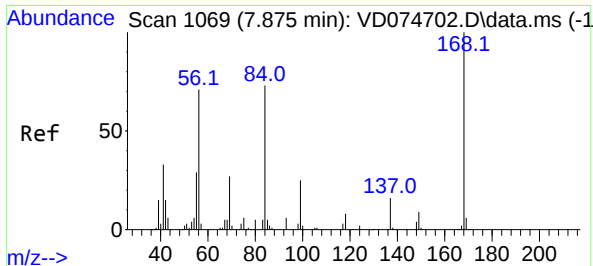


#25
2-Butanone
Concen: 2.407 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion: 43 Resp: 1072

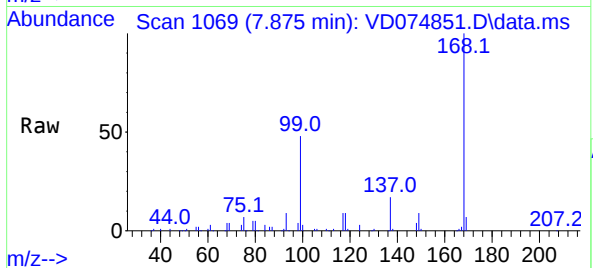
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8



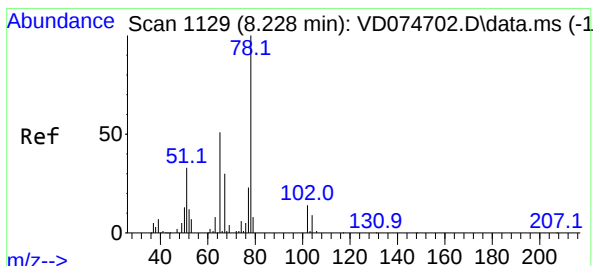
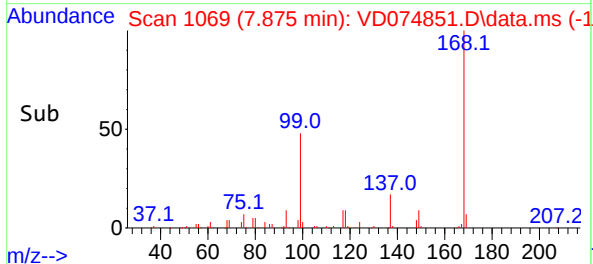
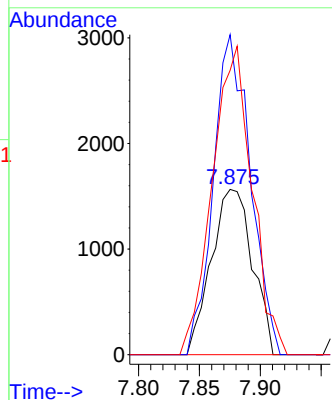


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Instrument :
MSVOA_D
ClientSampleId :
TP-10

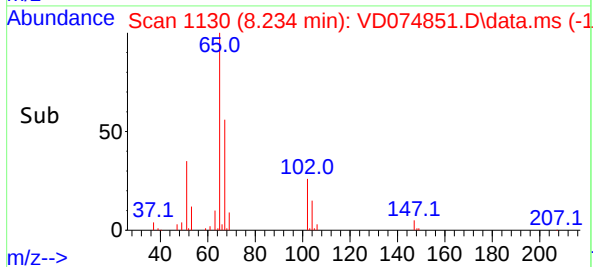
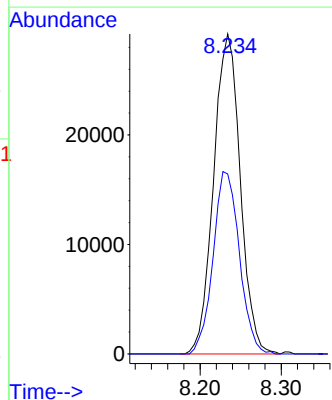
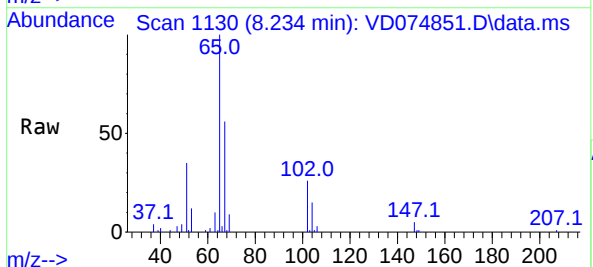


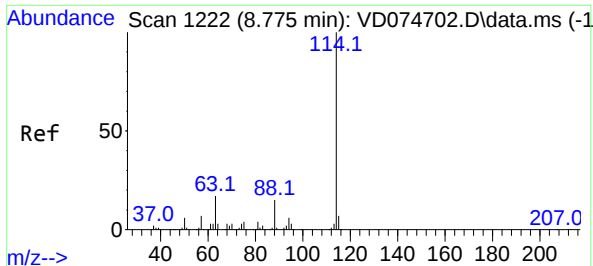
Tgt Ion: 56 Resp: 3691
Ion Ratio Lower Upper
56 100
69 193.6 29.2 43.8#
84 172.0 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 42.977 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion: 65 Resp: 66698
Ion Ratio Lower Upper
65 100
67 56.3 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: VD074851.D

Acq: 10 Nov 2022 03:36

Instrument :

MSVOA_D

ClientSampleId :

TP-10

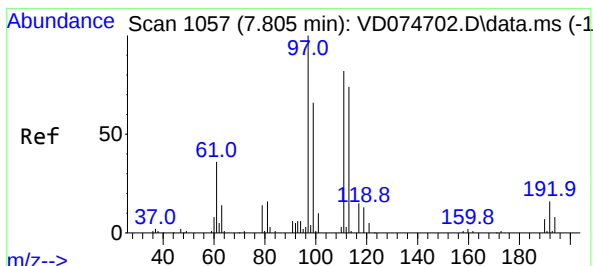
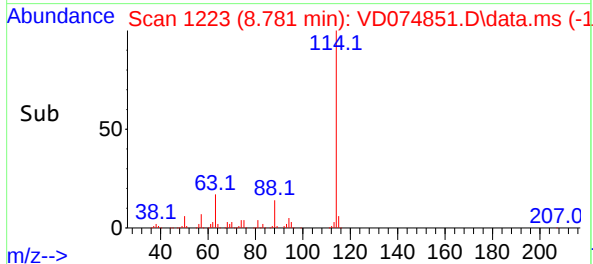
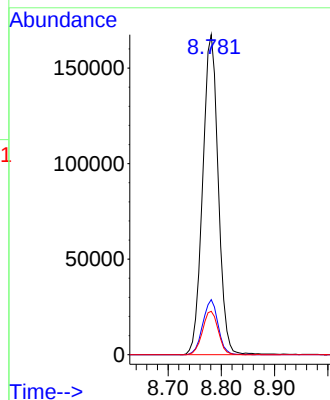
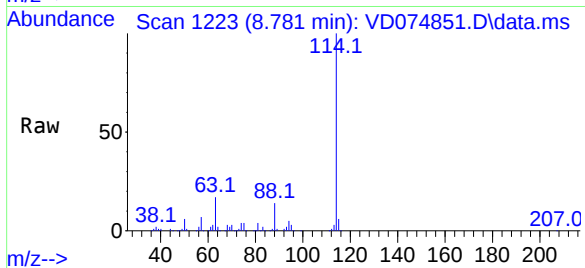
Tgt Ion:114 Resp: 339284

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.708 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074851.D

Acq: 10 Nov 2022 03:36

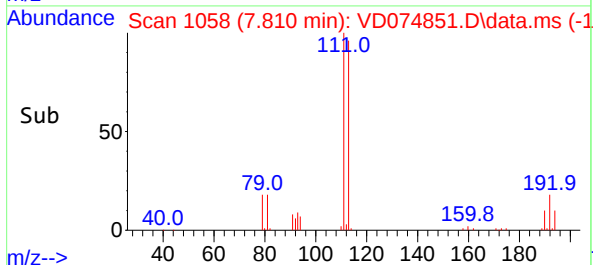
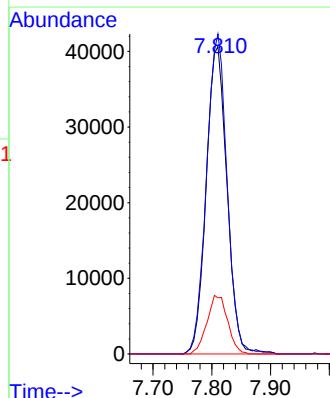
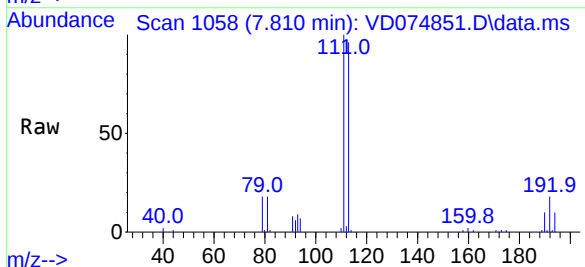
Tgt Ion:113 Resp: 99765

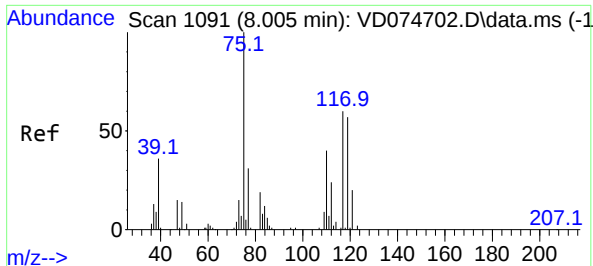
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 19.0 16.4 24.6

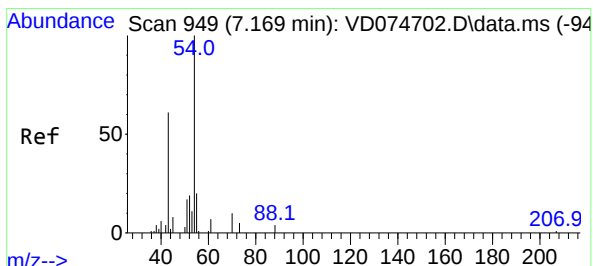
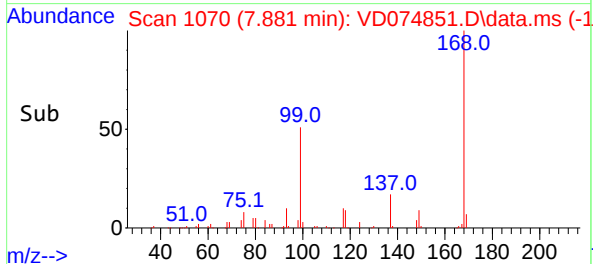
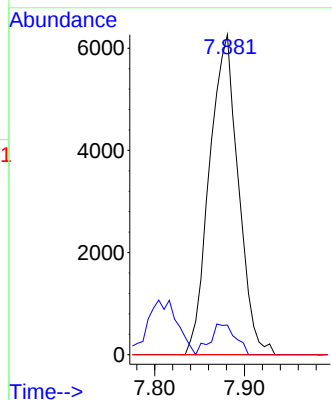
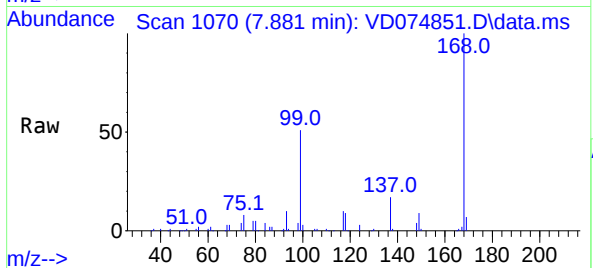




#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

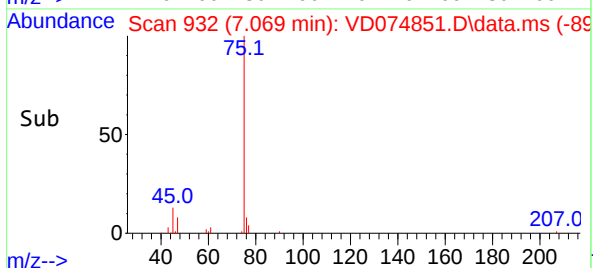
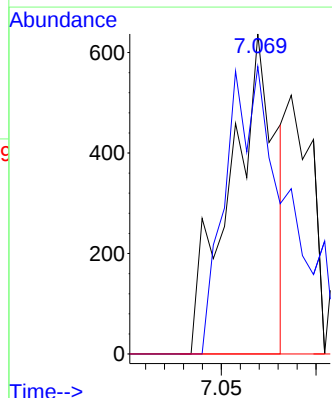
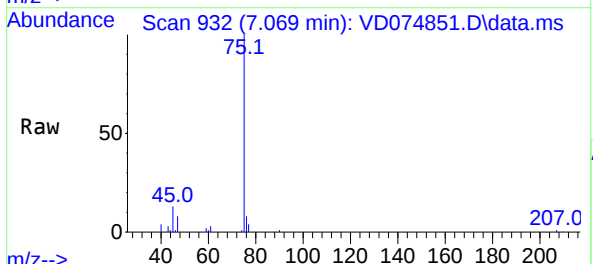
Instrument :
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TP-10

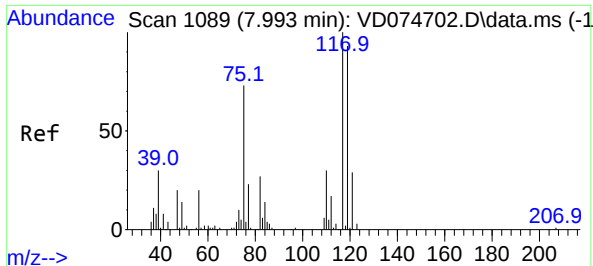
Tgt Ion: 75 Resp: 14013
Ion Ratio Lower Upper
75 100
110 8.4 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.055 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
61 120.0 12.2 18.4#
70 0.0 9.6 14.4#

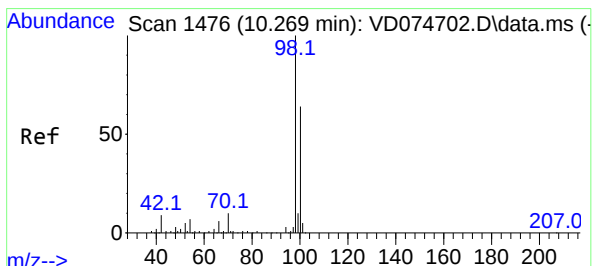
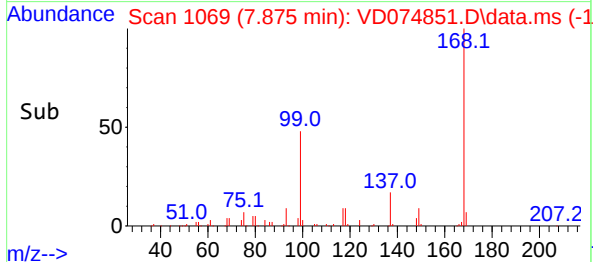
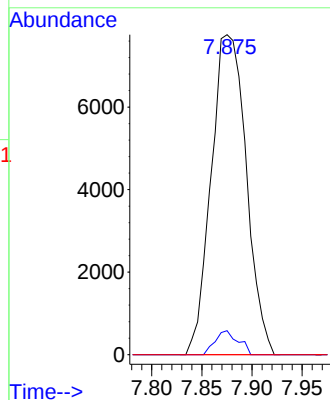
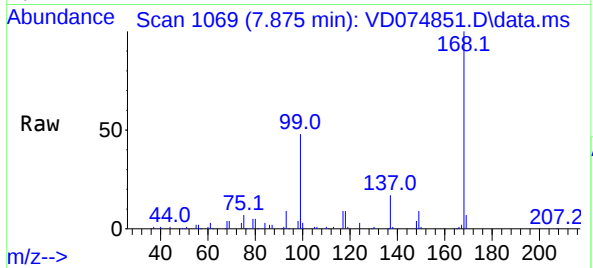




#38
Carbon Tetrachloride
Concen: 6.546 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

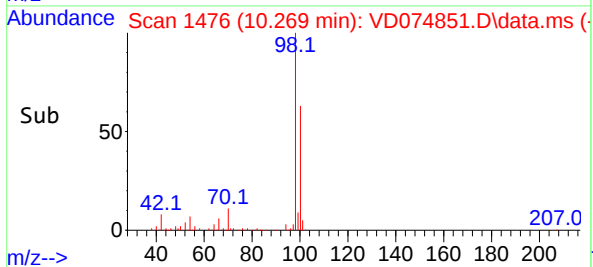
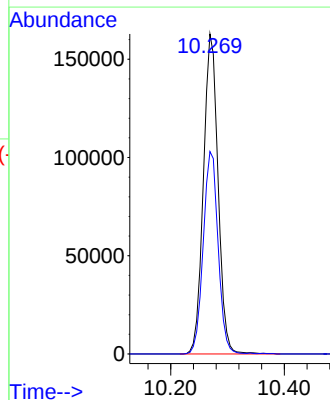
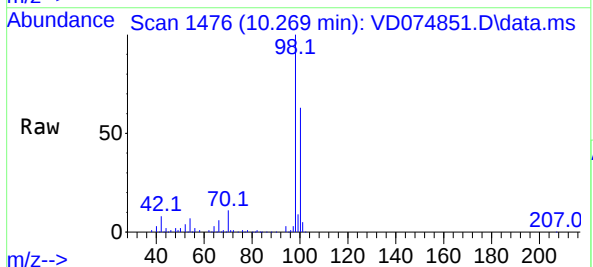
Instrument :
MSVOA_D
ClientSampleId :
TP-10

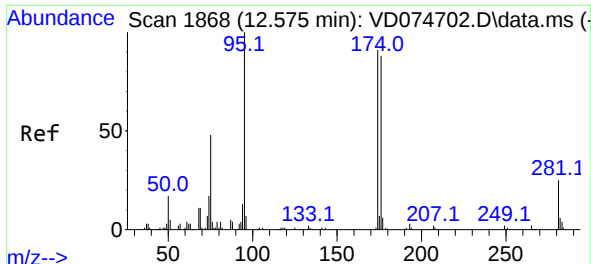
Tgt Ion:117 Resp: 18893
Ion Ratio Lower Upper
117 100
119 7.5 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 39.776 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion: 98 Resp: 291201
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



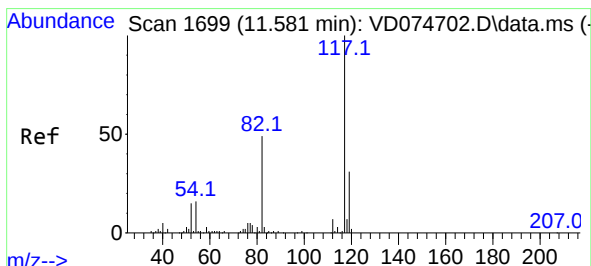
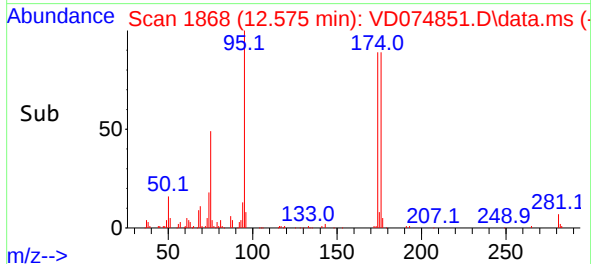
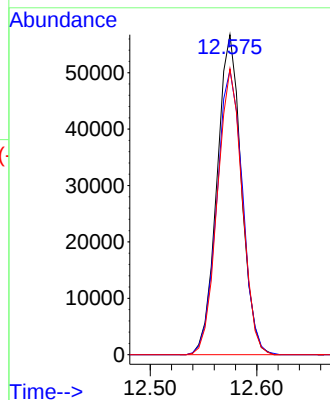
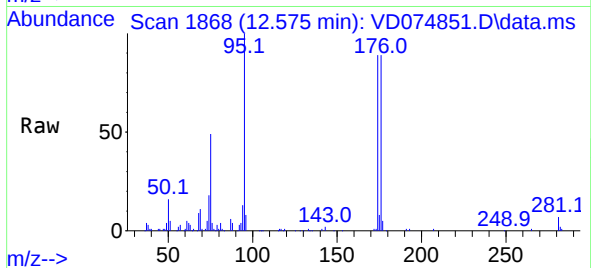


#62
4-Bromofluorobenzene
Concen: 42.580 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Instrument :
MSVOA_D
ClientSampleId :
TP-10

Tgt Ion: 95 Resp: 90005

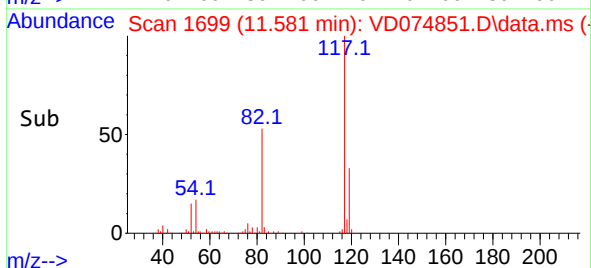
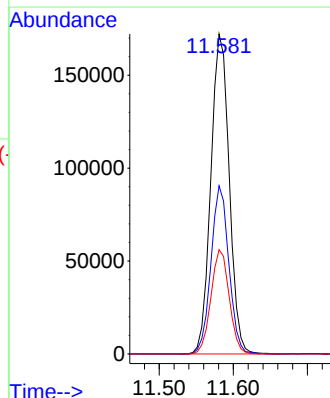
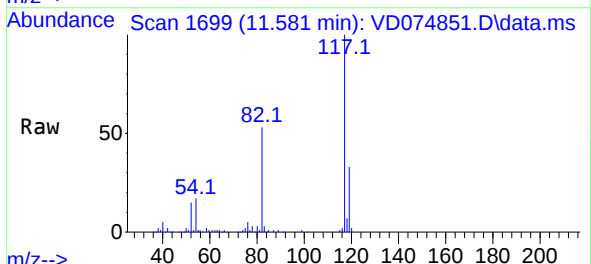
Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	197.0
176	90.5	0.0	182.6

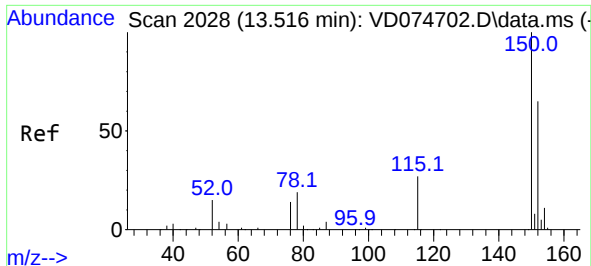


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074851.D
Acq: 10 Nov 2022 03:36

Tgt Ion: 117 Resp: 296623

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	32.6	25.2	37.8

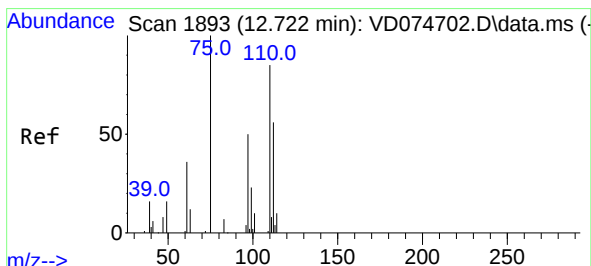
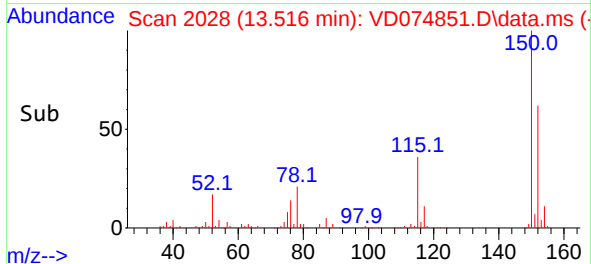
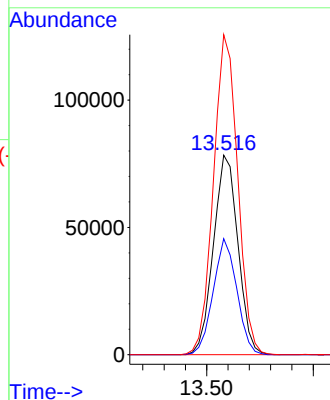
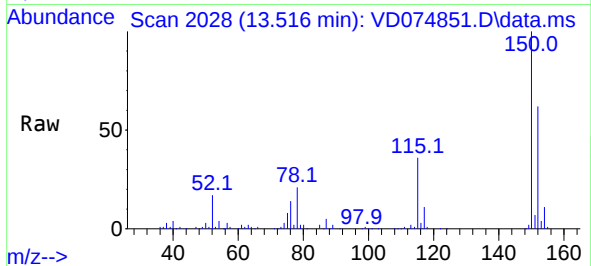




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074851.D
 Acq: 10 Nov 2022 03:36

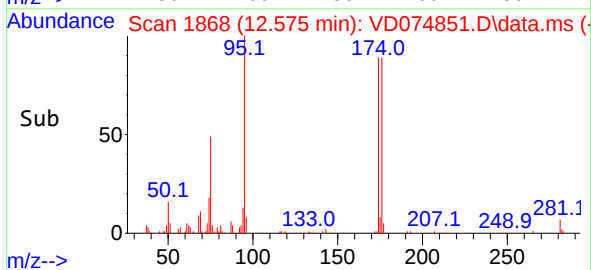
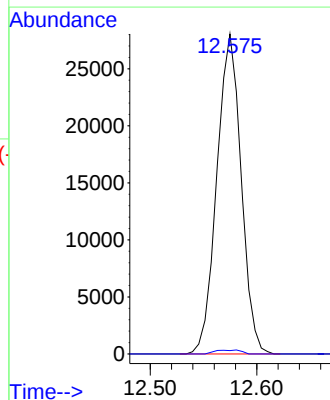
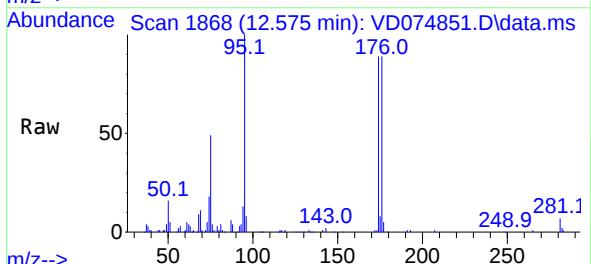
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10

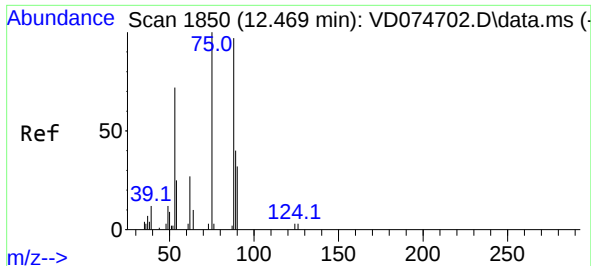
Tgt Ion:152 Resp: 125135
 Ion Ratio Lower Upper
 152 100
 115 56.2 26.8 80.4
 150 158.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 45.854 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074851.D
 Acq: 10 Nov 2022 03:36

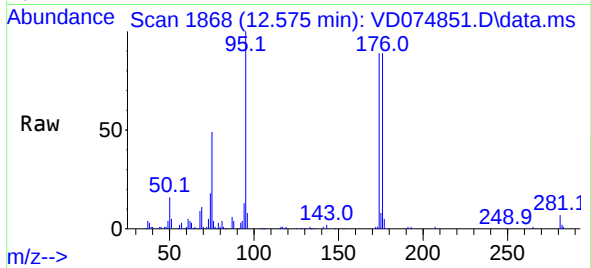
Tgt Ion: 75 Resp: 44481
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.847 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074851.D
 Acq: 10 Nov 2022 03:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10



Tgt Ion:	75	Resp:	44481
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

