

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074918.D
 Acq On : 12 Nov 2022 06:01
 Operator : VA/SY
 Sample : N5506-04RE
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Nov 14 01:00:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

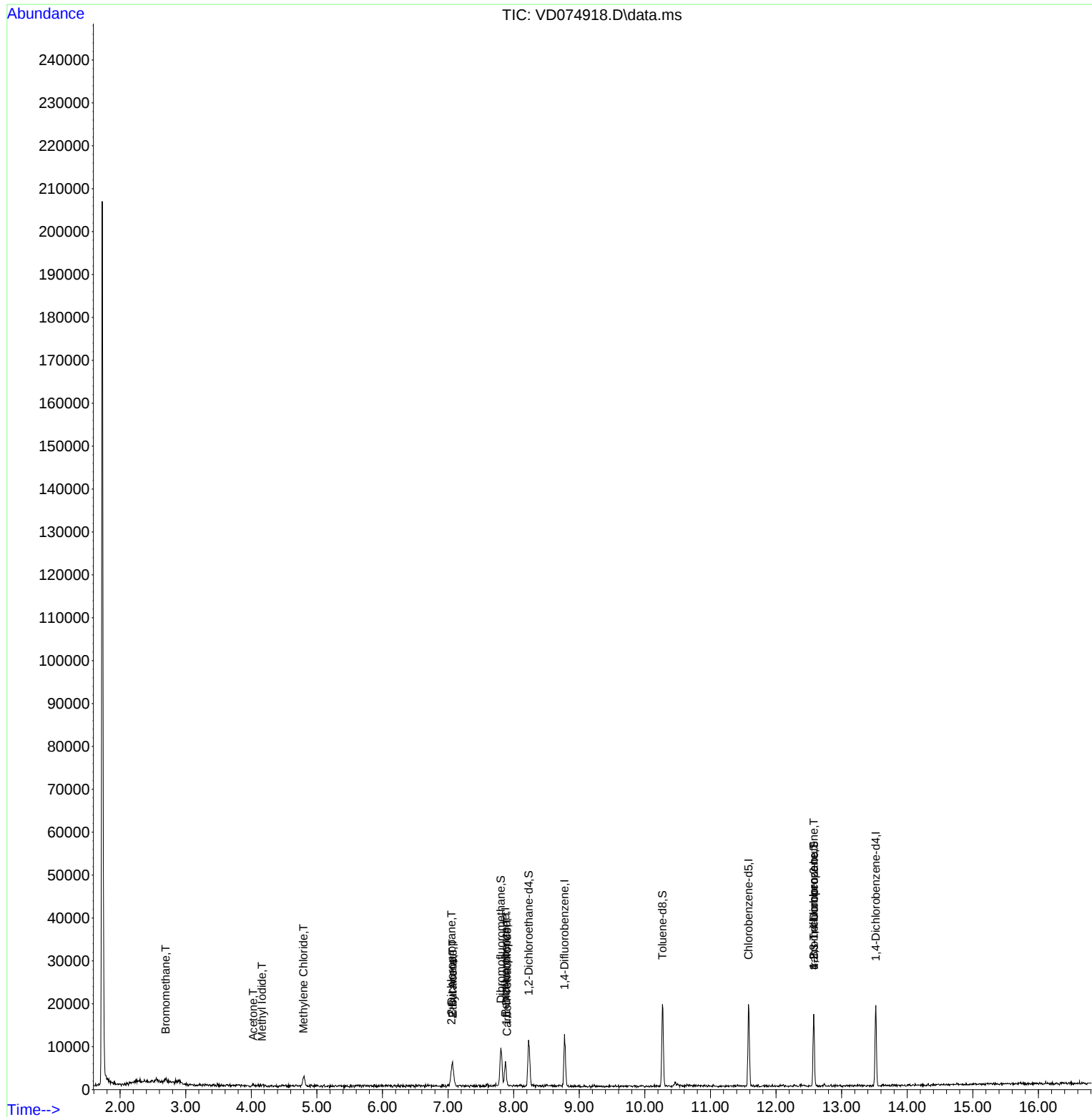
Internal Standards						
1) Pentafluorobenzene	7.875	168	5421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	12208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	5537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8577	263.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	526.800%#
35) Dibromofluoromethane	7.804	113	6936	96.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	192.560%#
50) Toluene-d8	10.269	98	14813	62.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.840%
62) 4-Bromofluorobenzene	12.574	95	5741	78.784	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	157.560%#
Target Compounds			Qvalue			
3) Chloromethane	2.140	50	206	Below Cal	#	37
5) Bromomethane	2.693	94	472	7.428	ug/l #	53
10) Methyl Iodide	4.163	142	58	5.567	ug/l #	43
16) Acetone	4.028	43	375	41.903	ug/l #	37
20) Methylene Chloride	4.792	84	1880	15.634	ug/l #	88
25) 2-Butanone	7.069	43	54	4.614	ug/l #	42
26) 2,2-Dichloropropane	7.051	77	188	2.087	ug/l #	50
36) 1,1-Dichloropropene	7.886	75	328	3.098	ug/l #	39
37) Ethyl Acetate	7.069	43	54	1.520	ug/l #	1
38) Carbon Tetrachloride	7.898	117	121	1.214	ug/l #	14
76) 1,2,3-Trichloropropane	12.574	75	2643	57.070	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.574	75	2643	140.394	ug/l #	17

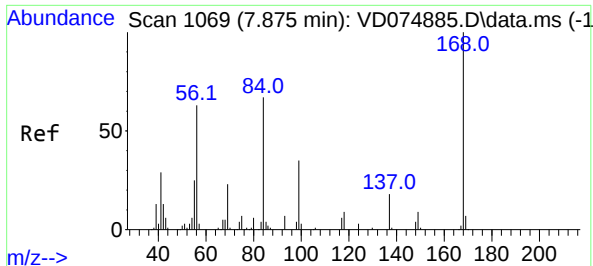
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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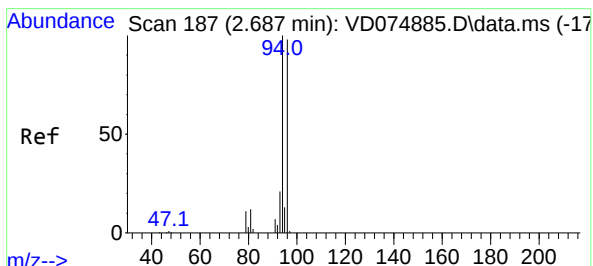
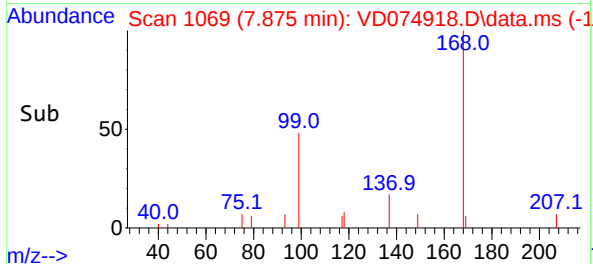
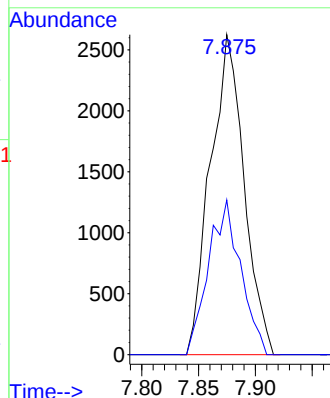
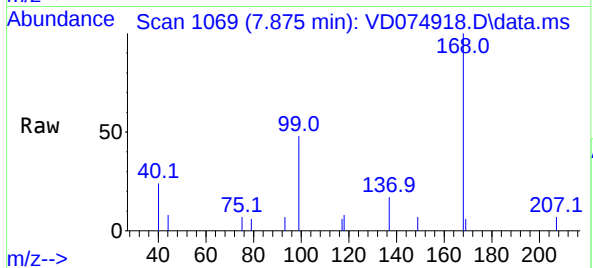




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

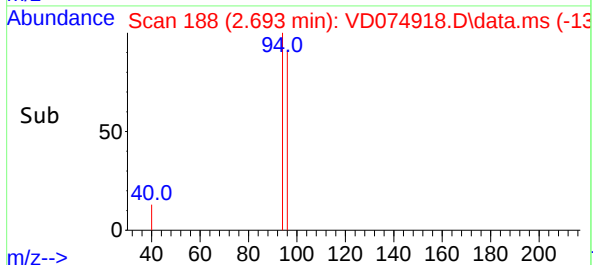
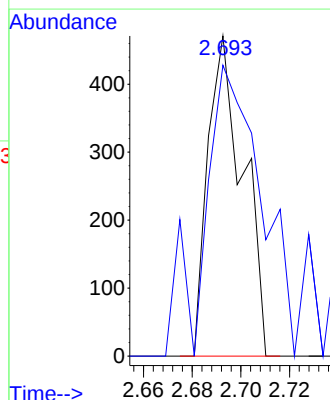
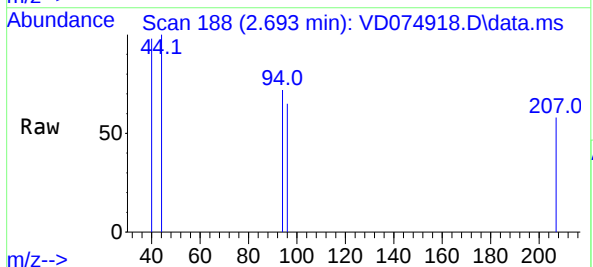
Instrument :
MSVOA_D
ClientSampleId :
TP-6

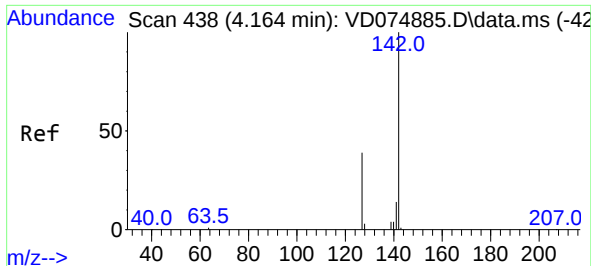
Tgt Ion:168 Resp: 5421
Ion Ratio Lower Upper
168 100
99 48.3 40.9 61.3



#5
Bromomethane
Concen: 7.428 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 48.2 74.6 112.0#

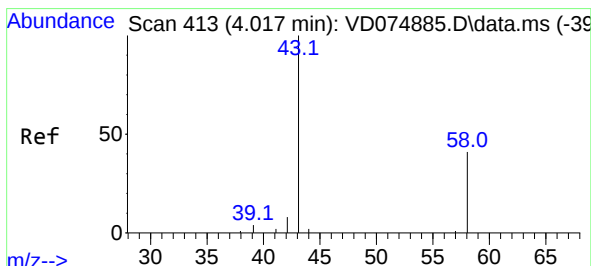
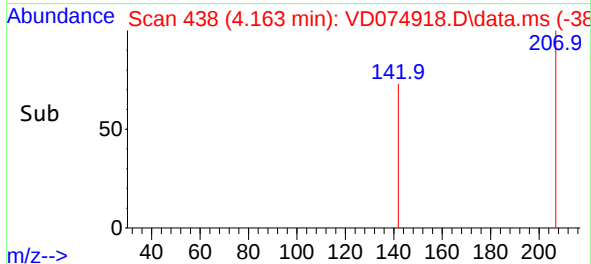
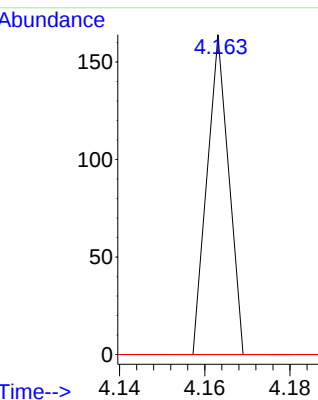
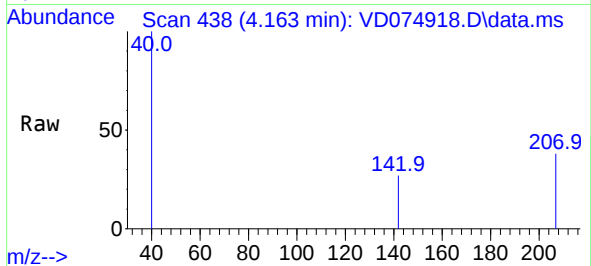




#10
Methyl Iodide
Concen: 5.567 ug/l
RT: 4.163 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

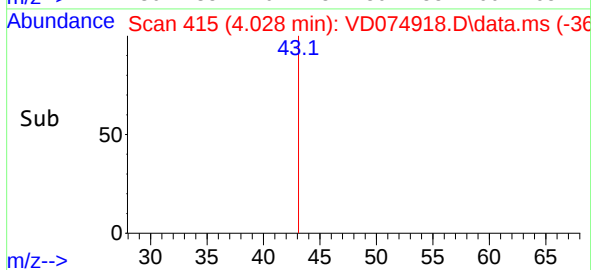
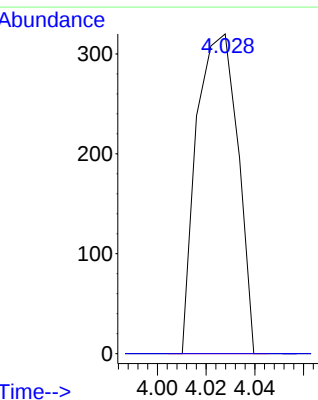
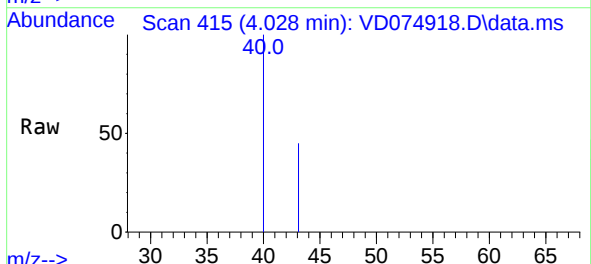
Instrument :
MSVOA_D
ClientSampleId :
TP-6

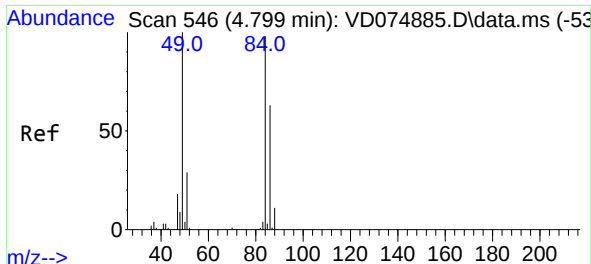
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 41.903 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

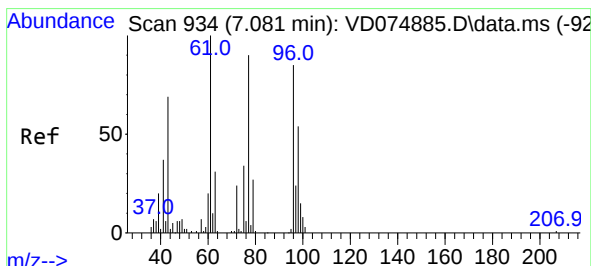
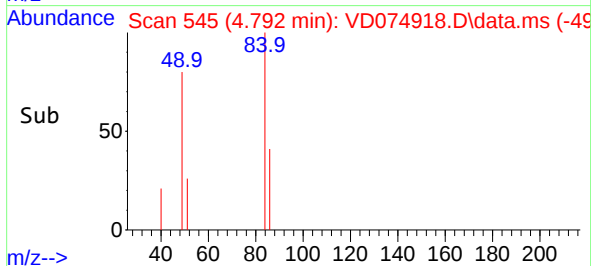
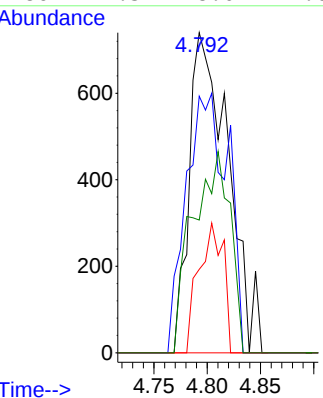
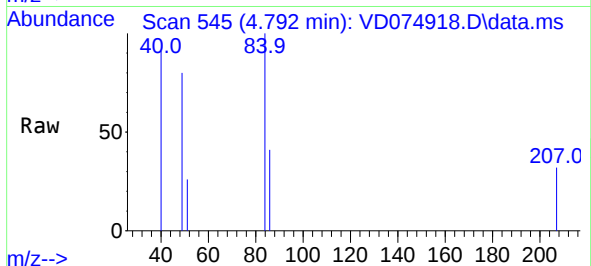




#20
Methylene Chloride
Concen: 15.634 ug/l
RT: 4.792 min Scan# 54
Delta R.T. -0.007 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

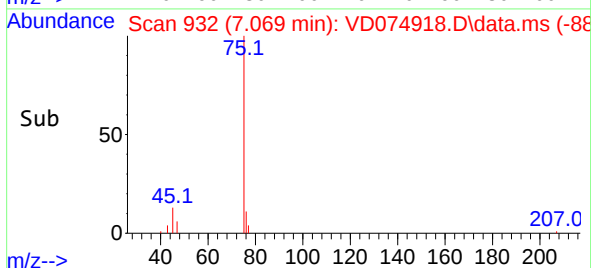
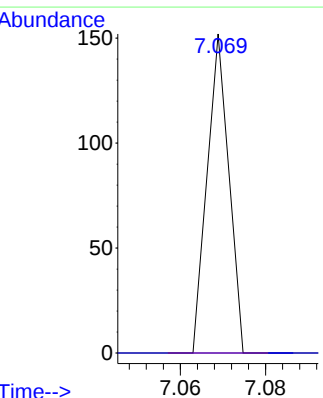
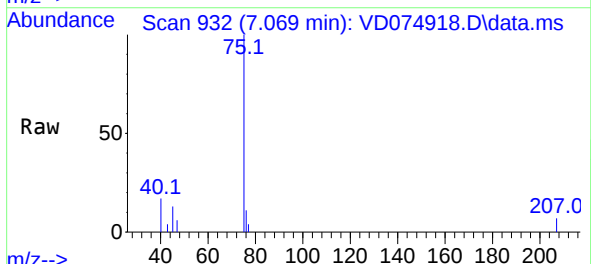
Instrument :
MSVOA_D
ClientSampleId :
TP-6

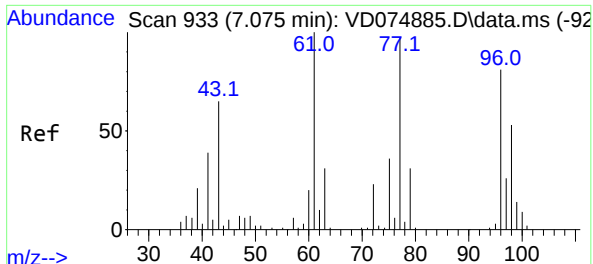
Tgt Ion:	84	Resp:	1880
Ion	Ratio	Lower	Upper
84	100		
49	80.1	68.0	102.0
51	26.1	23.2	34.8
86	41.5	48.0	72.0



#25
2-Butanone
Concen: 4.614 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#26

2,2-Dichloropropane

Concen: 2.087 ug/l

RT: 7.051 min Scan# 91

Delta R.T. -0.024 min

Lab File: VD074918.D

Acq: 12 Nov 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

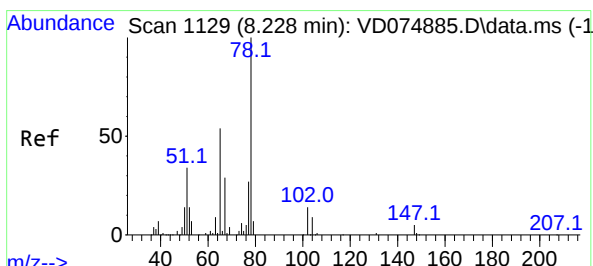
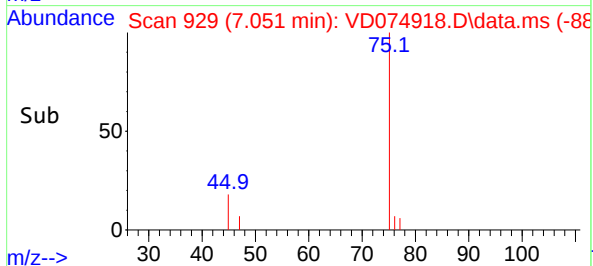
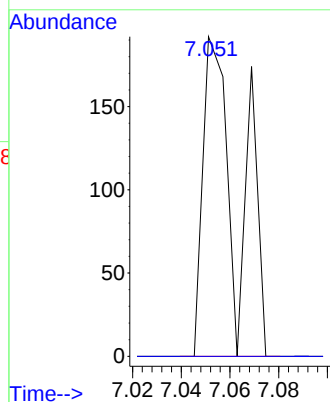
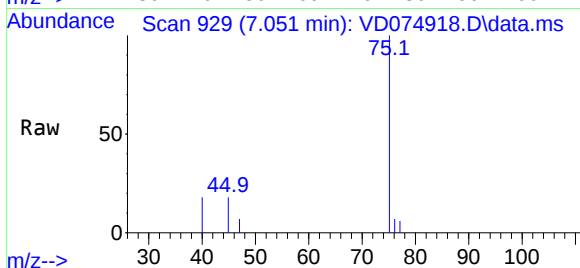
TP-6

Tgt Ion: 77 Resp: 188

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#



#33

1,2-Dichloroethane-d4

Concen: 263.401 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074918.D

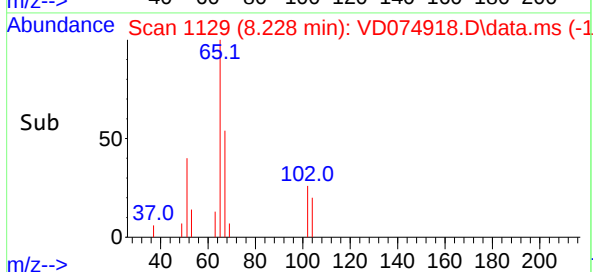
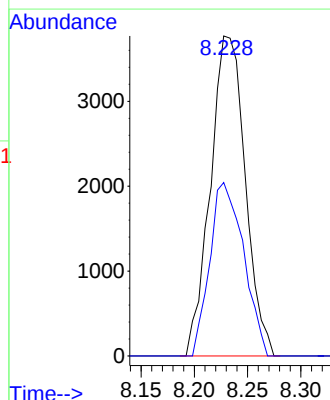
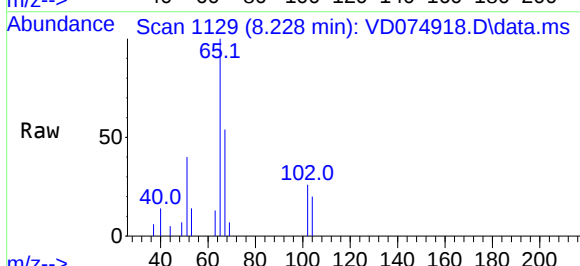
Acq: 12 Nov 2022 06:01

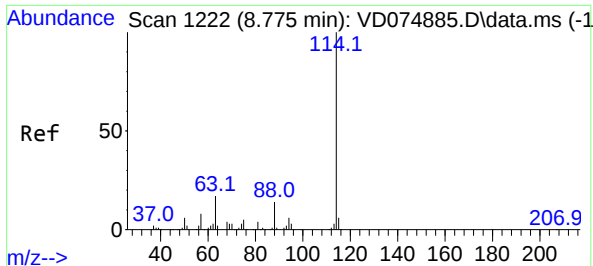
Tgt Ion: 65 Resp: 8577

Ion Ratio Lower Upper

65 100

67 52.5 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: VD074918.D

Acq: 12 Nov 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

TP-6

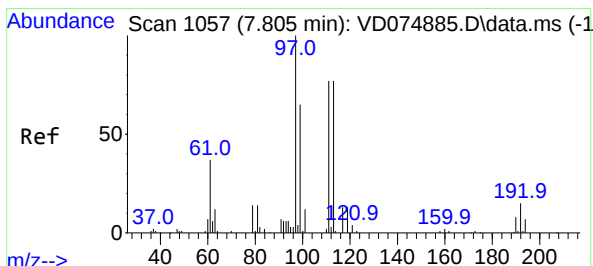
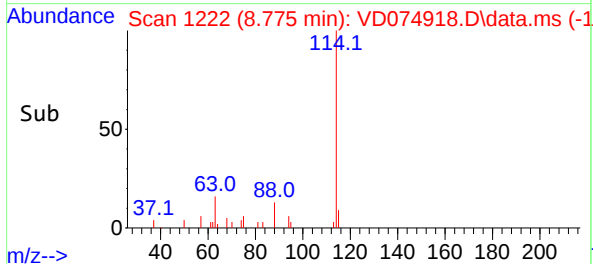
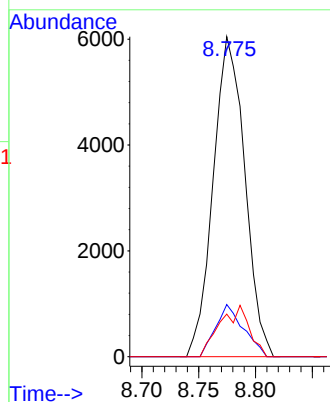
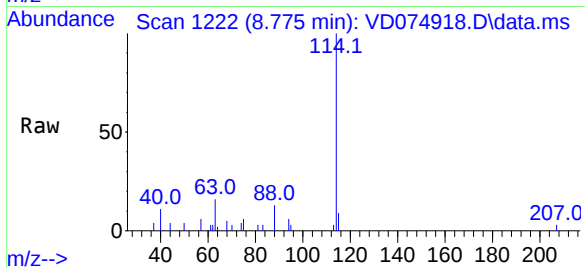
Tgt Ion:114 Resp: 11687

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 96.277 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074918.D

Acq: 12 Nov 2022 06:01

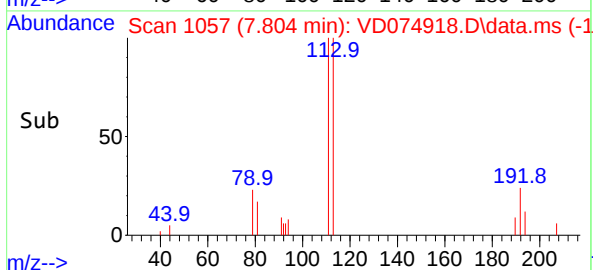
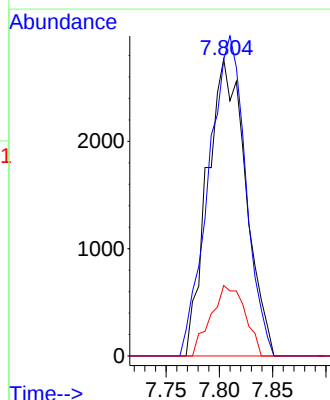
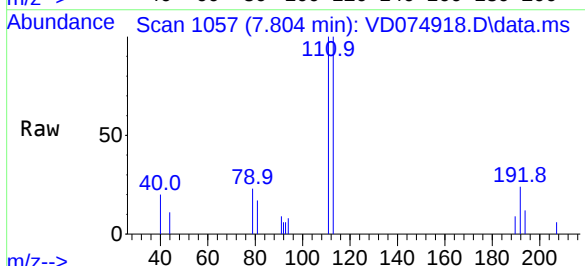
Tgt Ion:113 Resp: 6936

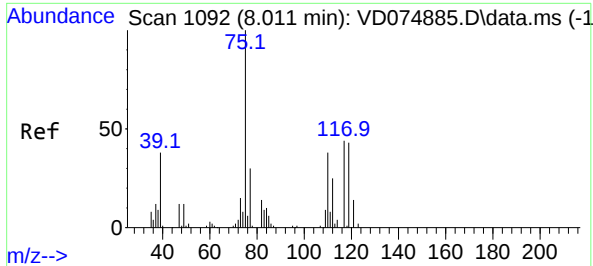
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 21.0 16.4 24.6

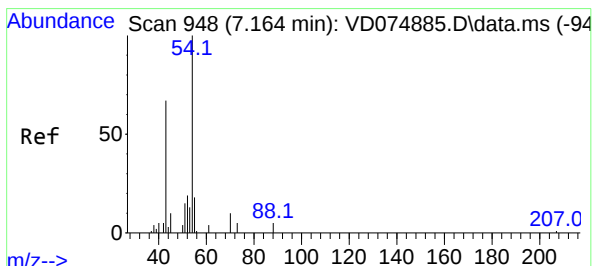
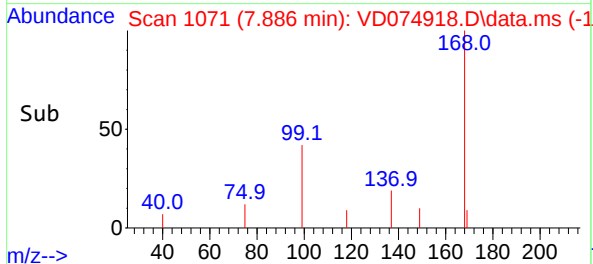
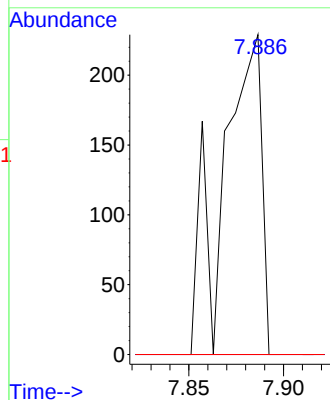
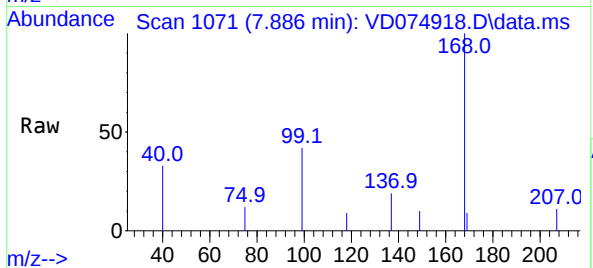




#36
1,1-Dichloropropene
Concen: 3.098 ug/l
RT: 7.886 min Scan# 1092
Delta R.T. -0.125 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

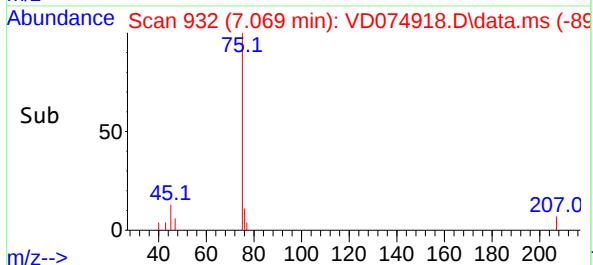
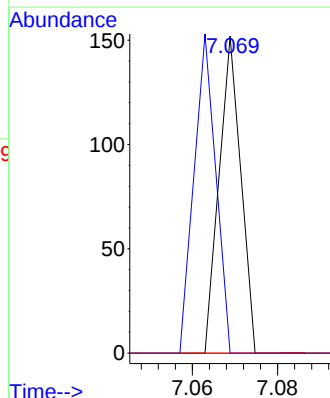
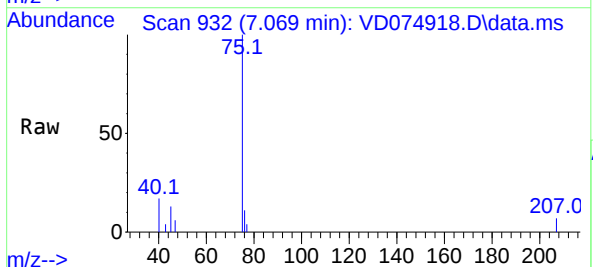
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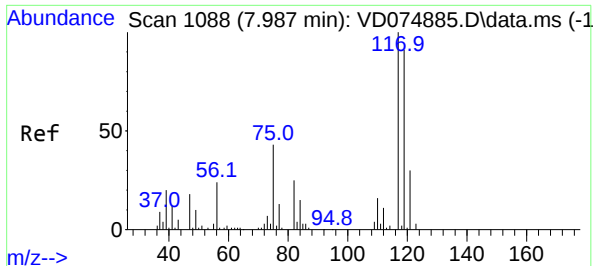
Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.520 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.095 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

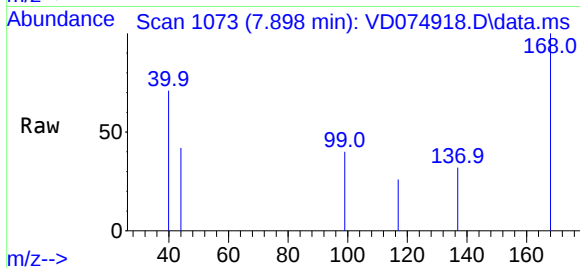
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
61 100.0 12.2 18.4#
70 0.0 9.6 14.4#



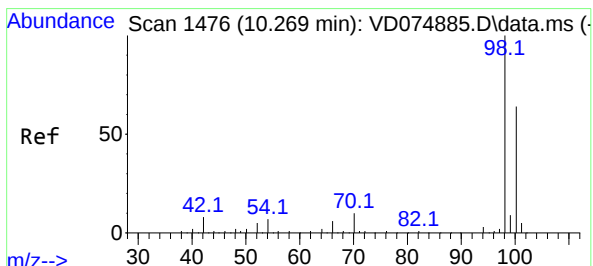
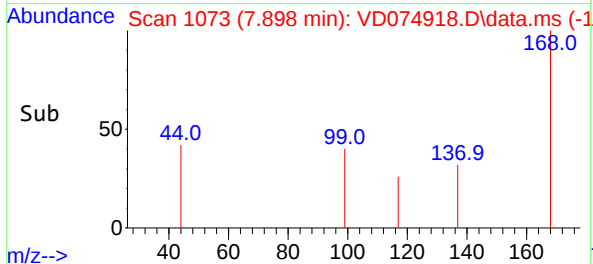
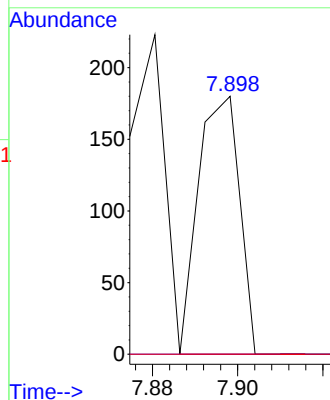


#38
Carbon Tetrachloride
Concen: 1.214 ug/l
RT: 7.898 min Scan# 1088
Delta R.T. -0.089 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Instrument :
MSVOA_D
ClientSampleId :
TP-6

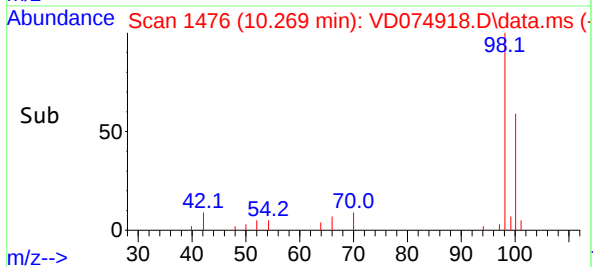
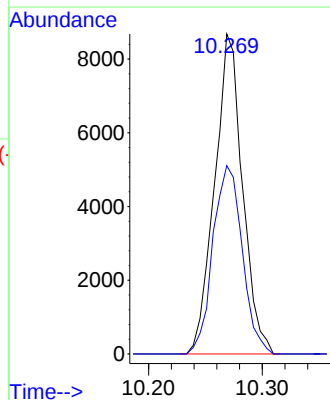
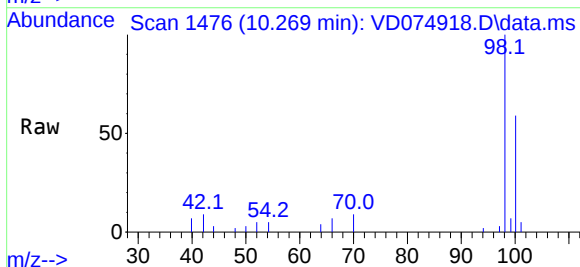


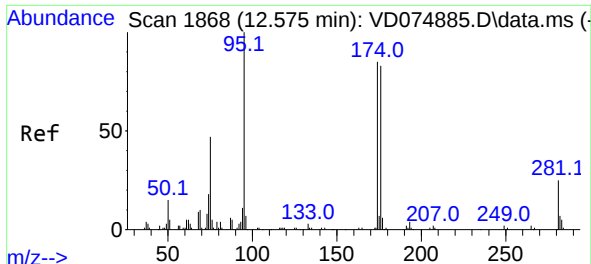
Tgt Ion:117 Resp: 121
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 62.420 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion: 98 Resp: 14813
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0



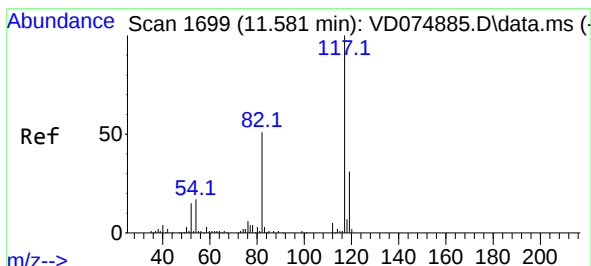
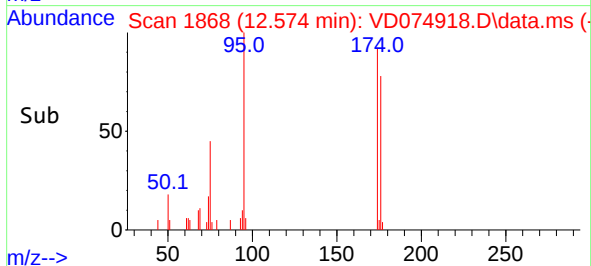
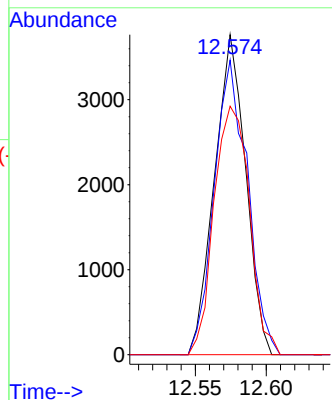
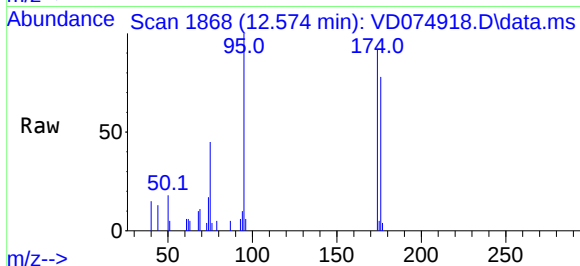


#62
4-Bromofluorobenzene
Concen: 78.784 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion: 95 Resp: 5741

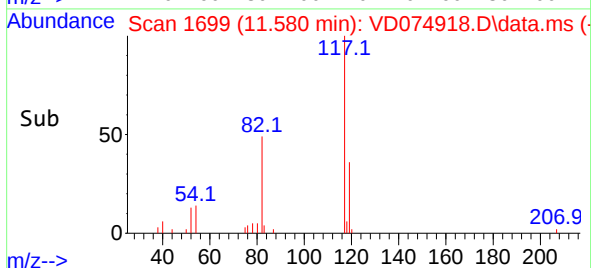
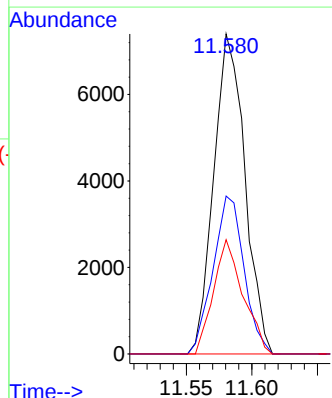
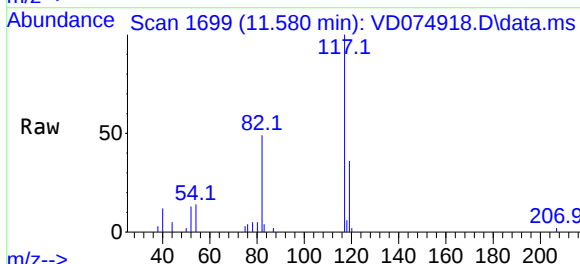
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	197.0
176	88.3	0.0	182.6

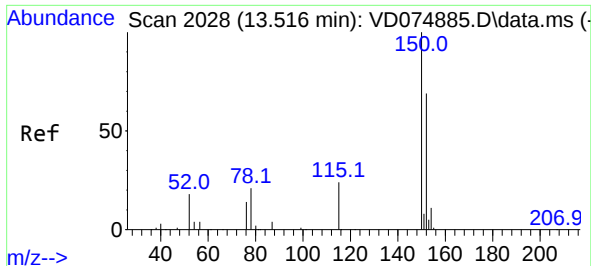


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

Tgt Ion: 117 Resp: 12208

Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.6	62.4
119	35.7	25.2	37.8

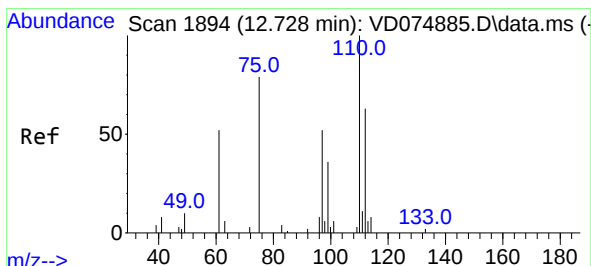
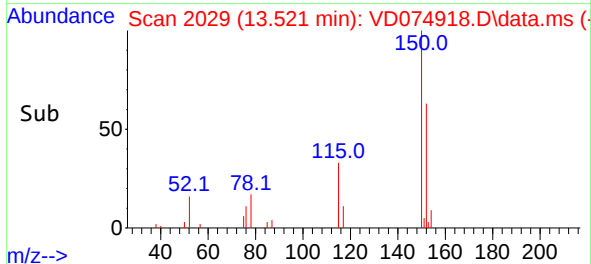
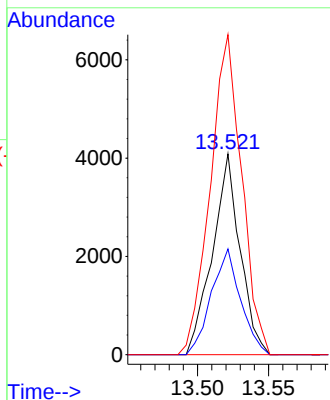
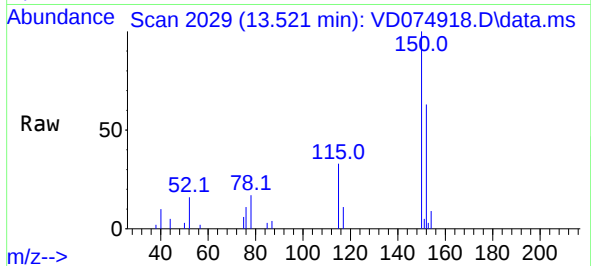




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 20
Delta R.T. 0.005 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

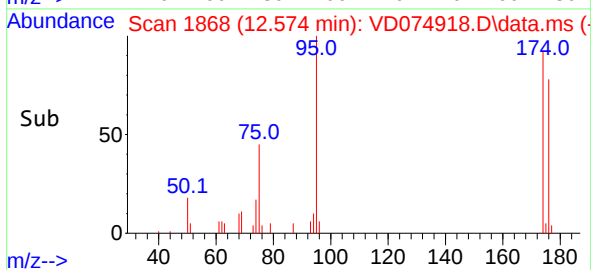
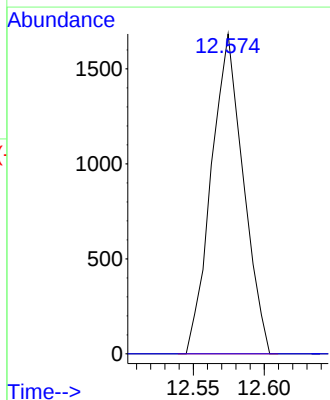
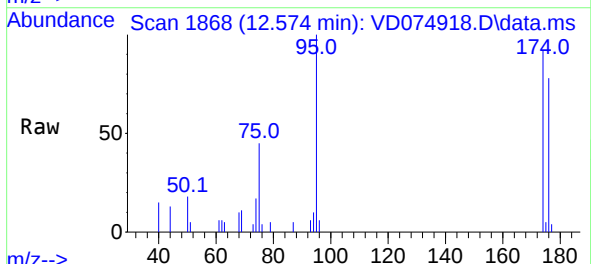
Instrument :
MSVOA_D
ClientSampleId :
TP-6

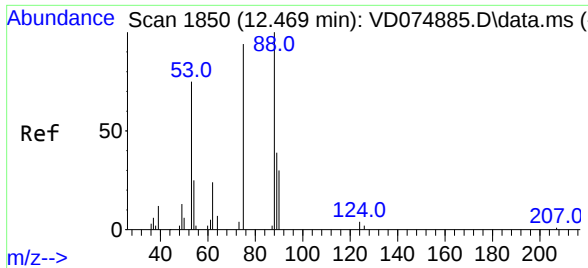
Tgt Ion:152 Resp: 5537
Ion Ratio Lower Upper
152 100
115 55.7 26.8 80.4
150 181.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 57.070 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.154 min
Lab File: VD074918.D
Acq: 12 Nov 2022 06:01

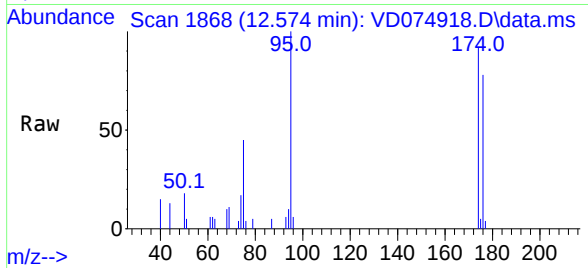
Tgt Ion: 75 Resp: 2643
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.394 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD074918.D
 Acq: 12 Nov 2022 06:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6



Tgt Ion:	75	Resp:	2643
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

