

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073871.D
 Acq On : 19 Jul 2022 20:15
 Operator : VA/SY
 Sample : N3756-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 20 01:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

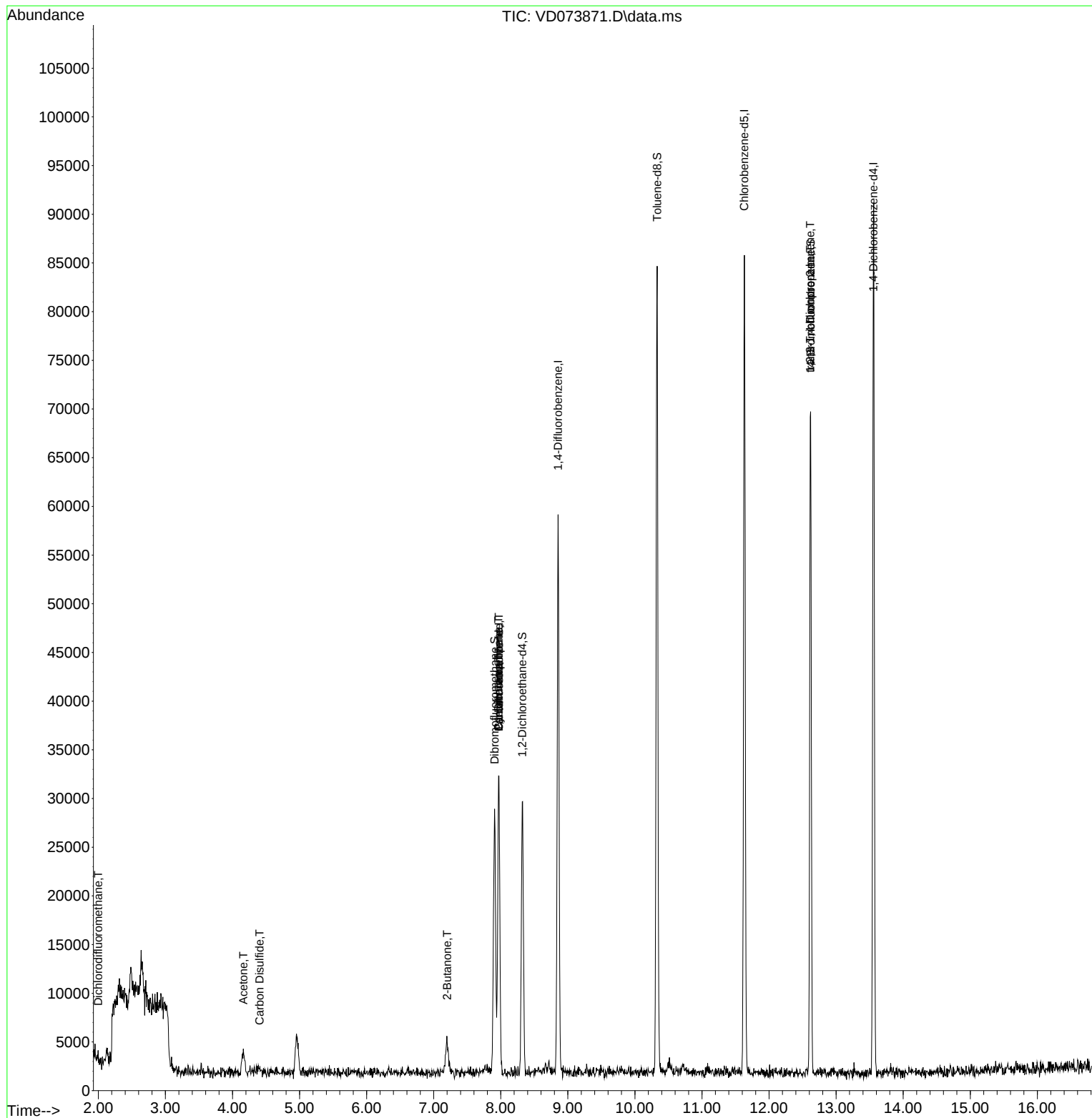
Internal Standards						
1) Pentafluorobenzene	7.973	168	22122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	46217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	46588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	23126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21790	82.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.980%#	
35) Dibromofluoromethane	7.908	113	17942	55.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.332	98	55596	46.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.620	95	21499	52.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.997	85	646	1.167	ug/l	99
3) Chloromethane	2.209	50	1552	Below Cal	#	83
16) Acetone	4.161	43	3976	91.727	ug/l	94
17) Carbon Disulfide	4.403	76	856	1.192	ug/l #	74
20) Methylene Chloride	4.950	84	1556	Below Cal		86
25) 2-Butanone	7.202	43	1622	26.364	ug/l #	52
31) Cyclohexane	7.967	56	463	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	1632	3.470	ug/l #	43
38) Carbon Tetrachloride	7.973	117	2480	4.617	ug/l #	13
76) 1,2,3-Trichloropropane	12.614	75	12547	50.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	12547	136.448	ug/l #	7

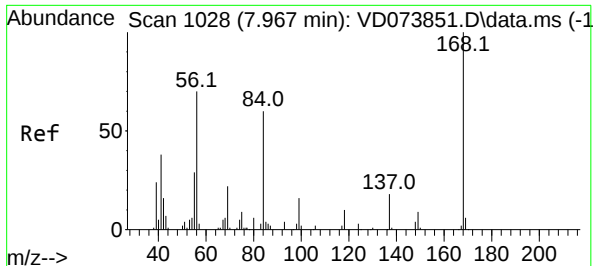
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 2022
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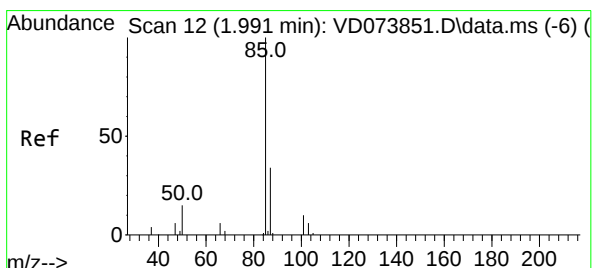
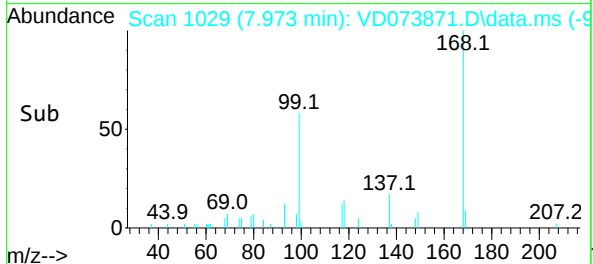
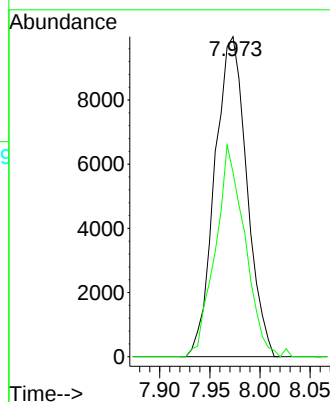
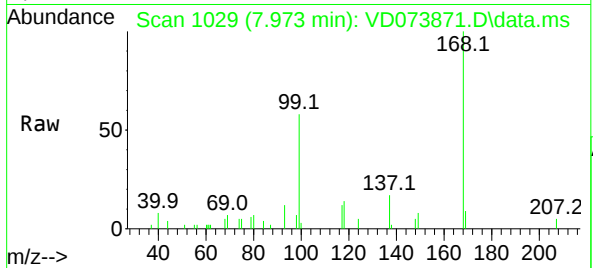




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

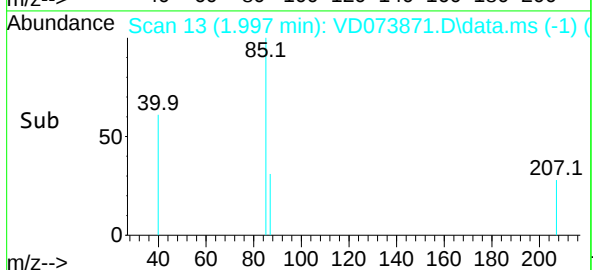
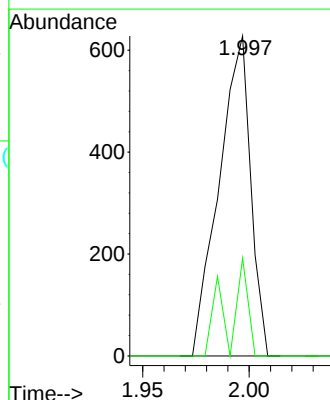
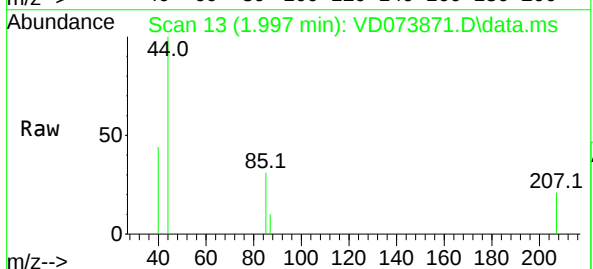
Instrument :
MSVOA_D
ClientSampleId :
TP-1

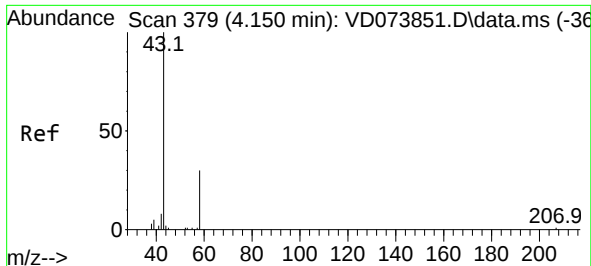
Tgt Ion:168 Resp: 22122
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.167 ug/l
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 85 Resp: 646
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

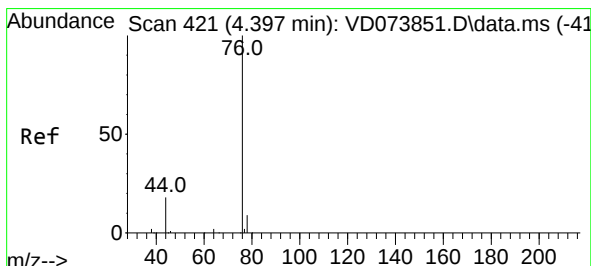
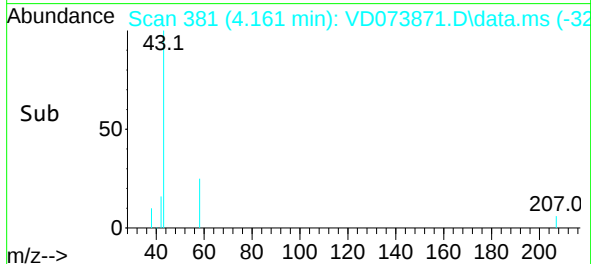
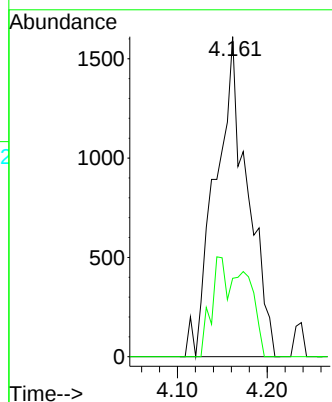
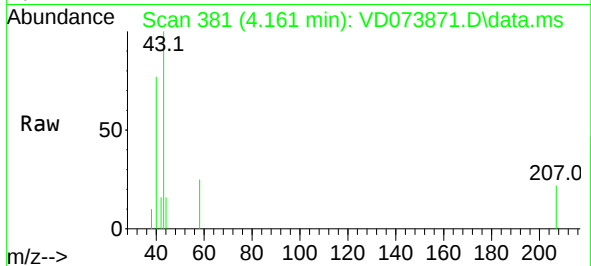




#16
Acetone
Concen: 91.727 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

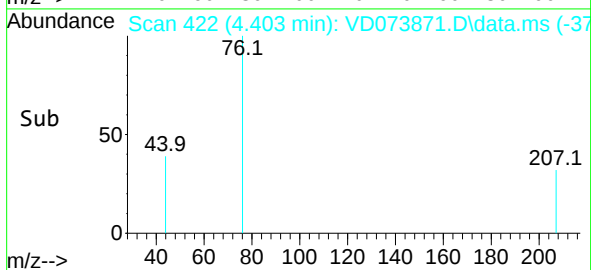
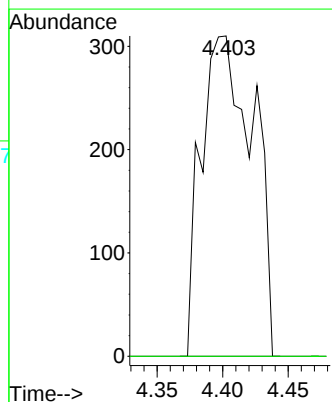
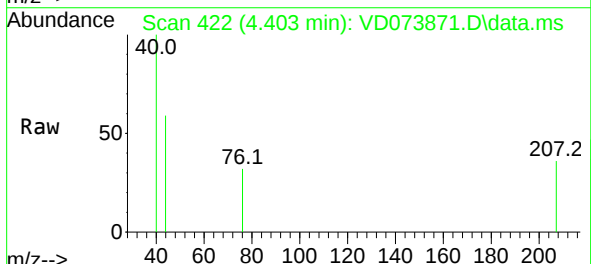
Instrument :
MSVOA_D
ClientSampleId :
TP-1

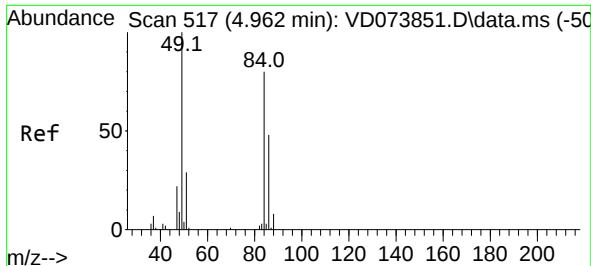
Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
58 24.5 22.1 33.1



#17
Carbon Disulfide
Concen: 1.192 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

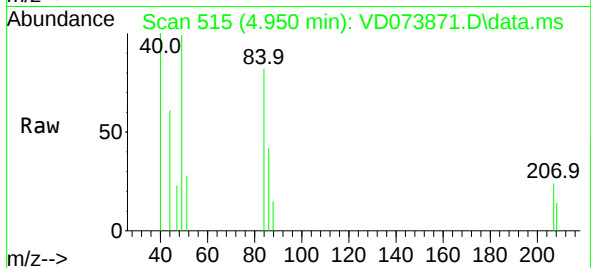
Tgt Ion: 76 Resp: 856
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



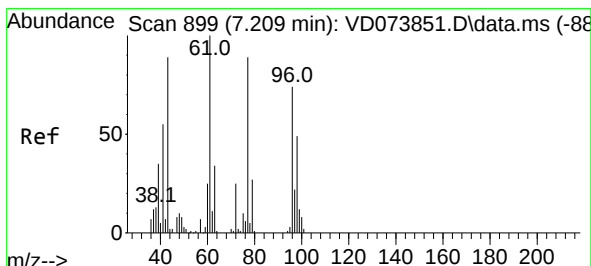
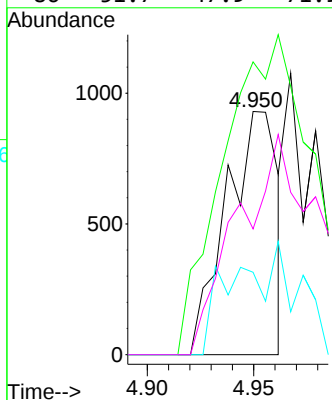
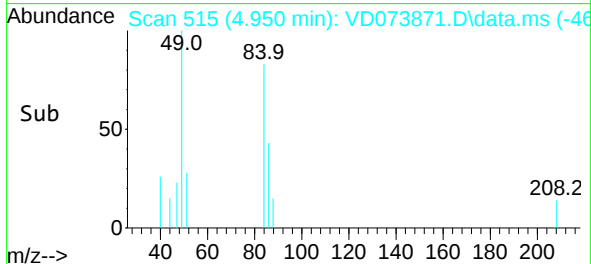


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
TP-1

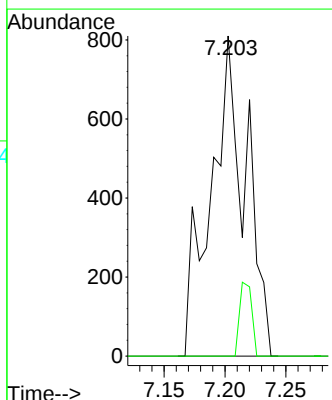
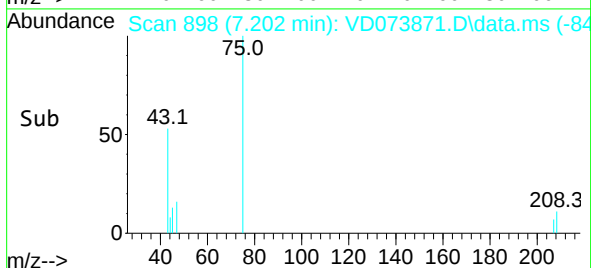
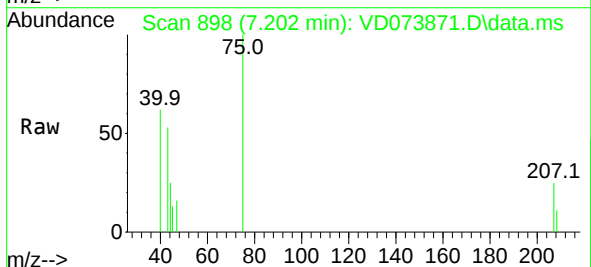


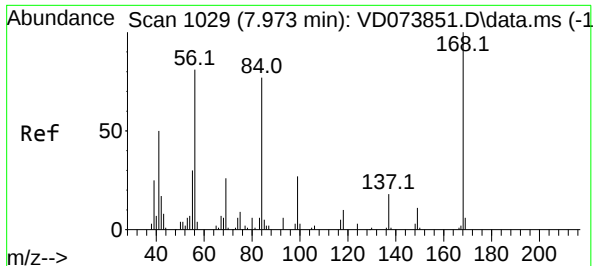
Tgt Ion: 84	Resp: 1556
Ion Ratio	Lower Upper
84 100	
49 120.4	112.8 169.2
51 33.9	32.6 48.8
86 51.7	47.9 71.9



#25
2-Butanone
Concen: 26.364 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 43	Resp: 1622
Ion Ratio	Lower Upper
43 100	
72 0.0	18.6 27.8#

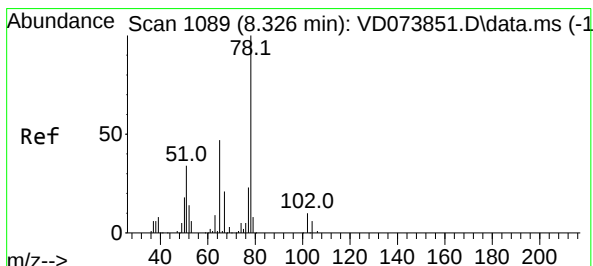
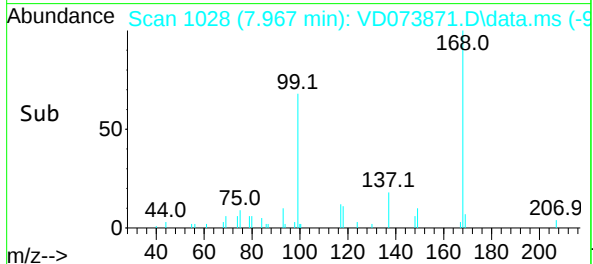
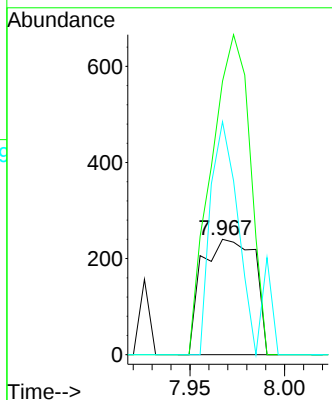
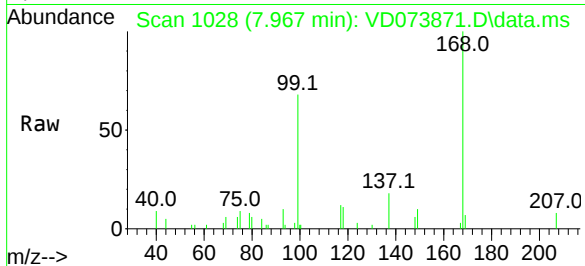




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

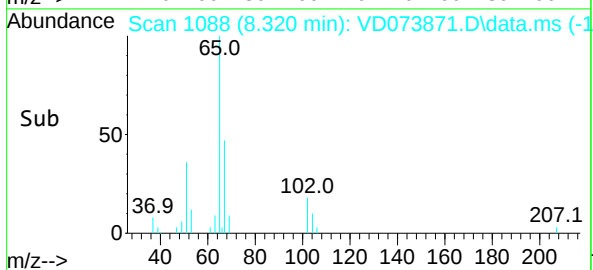
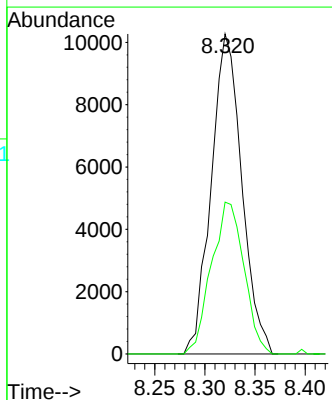
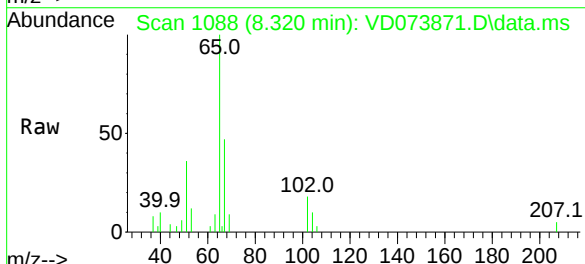
Instrument :
MSVOA_D
ClientSampleId :
TP-1

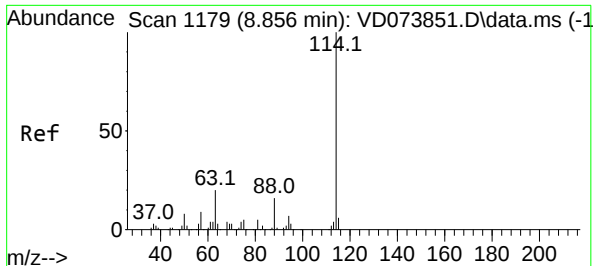
Tgt Ion: 56 Resp: 463
Ion Ratio Lower Upper
56 100
69 237.1 25.4 38.2#
84 202.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 82.487 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 65 Resp: 21790
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073871.D

Acq: 19 Jul 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

TP-1

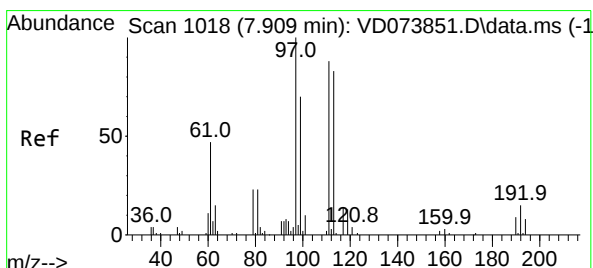
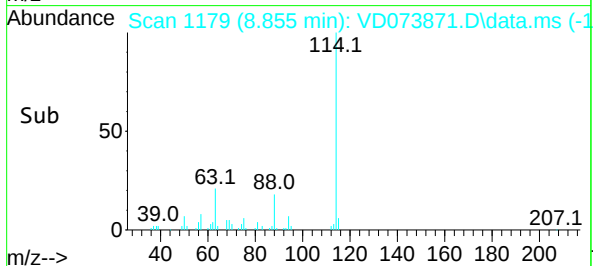
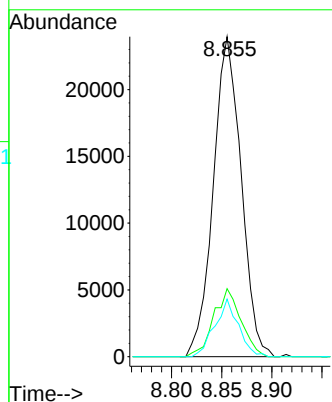
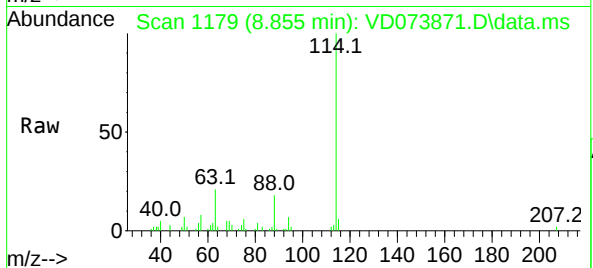
Tgt Ion:114 Resp: 46217

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 18.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.028 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073871.D

Acq: 19 Jul 2022 20:15

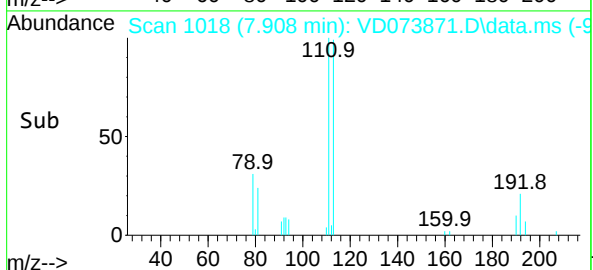
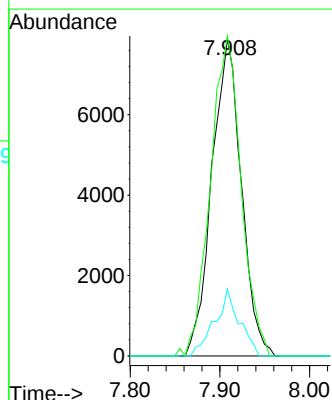
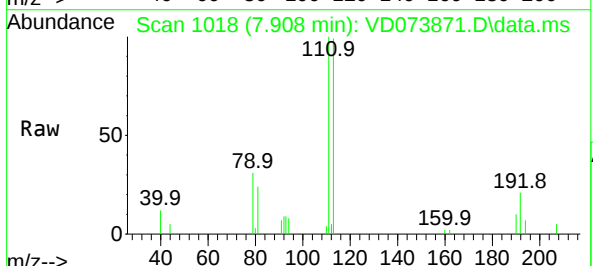
Tgt Ion:113 Resp: 17942

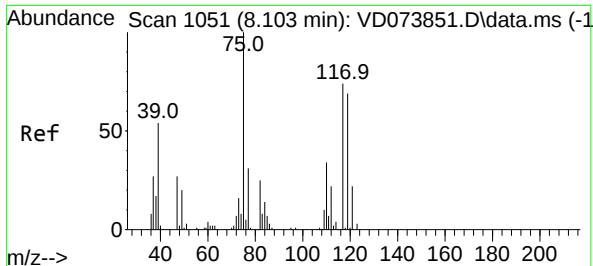
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 17.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.470 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073871.D

Acq: 19 Jul 2022 20:15

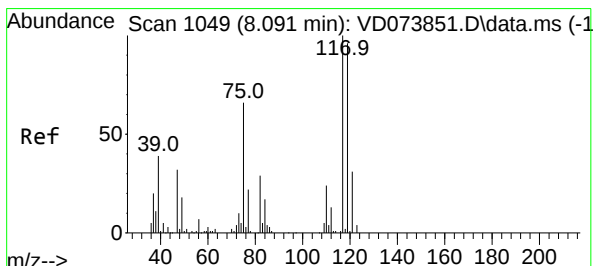
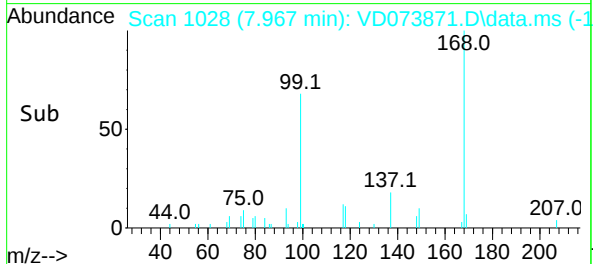
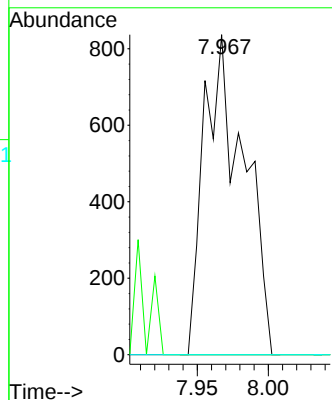
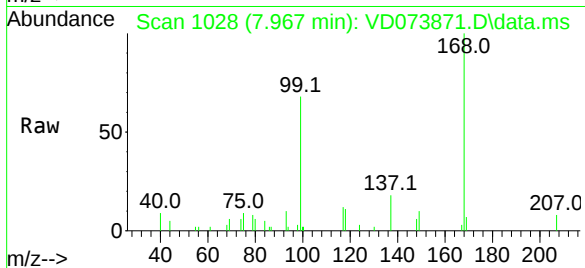
Instrument :

MSVOA_D

ClientSampleId :

TP-1

Tgt Ion:	75	Resp:	1632
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 4.617 ug/l

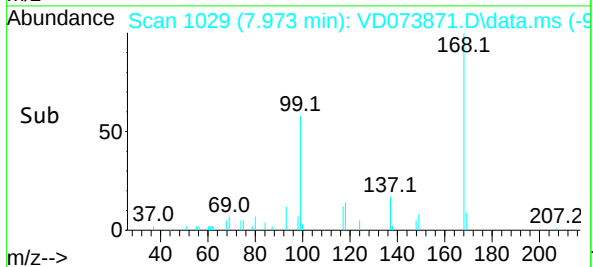
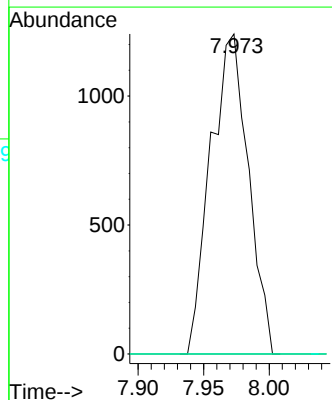
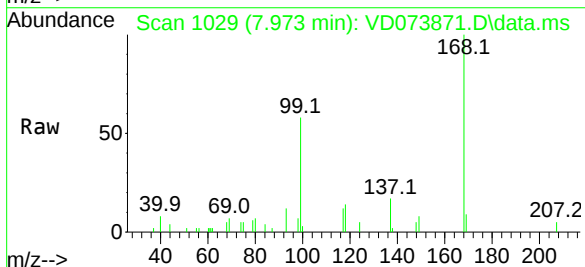
RT: 7.973 min Scan# 1029

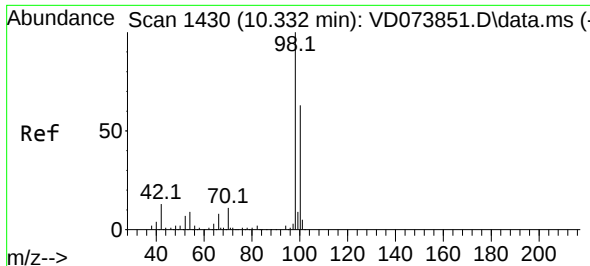
Delta R.T. -0.118 min

Lab File: VD073871.D

Acq: 19 Jul 2022 20:15

Tgt Ion:	117	Resp:	2480
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

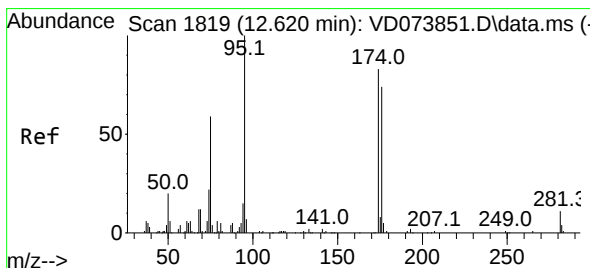
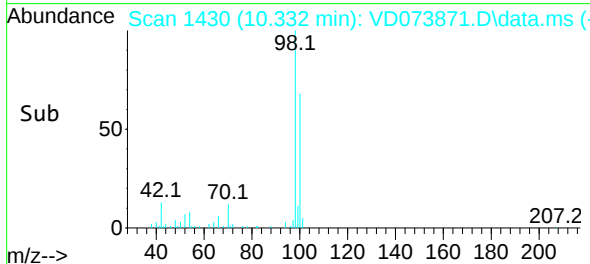
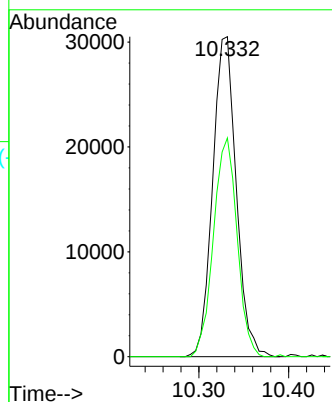
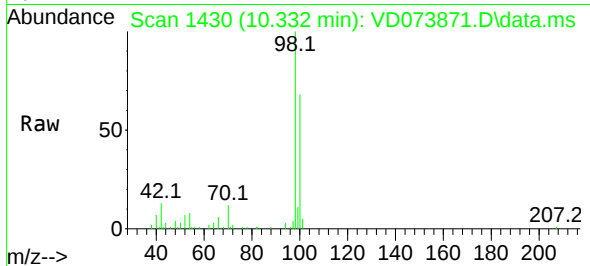




#50
Toluene-d8
Concen: 46.970 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

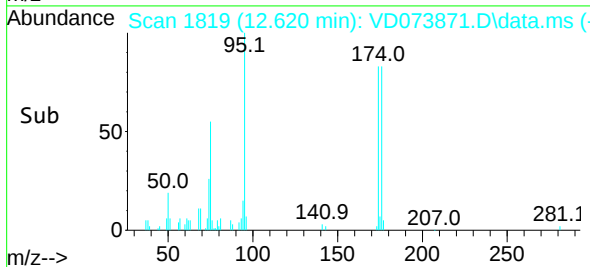
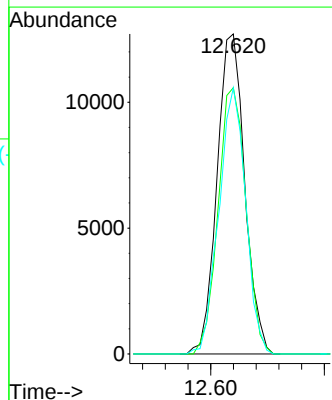
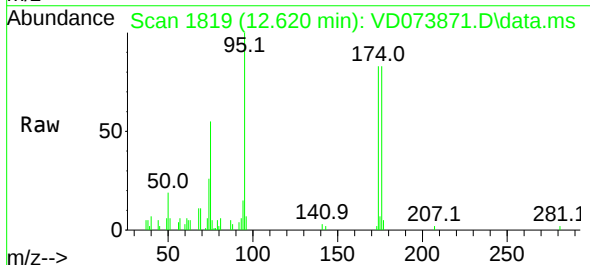
Instrument :
MSVOA_D
ClientSampleId :
TP-1

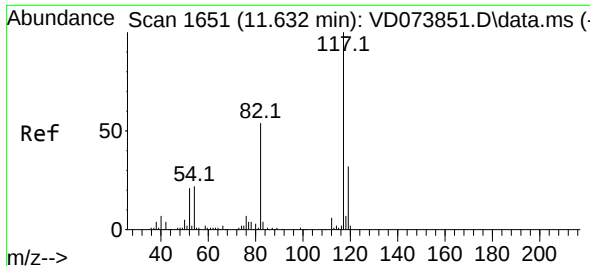
Tgt Ion: 98 Resp: 55596
Ion Ratio Lower Upper
98 100
100 68.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 95 Resp: 21499
Ion Ratio Lower Upper
95 100
174 83.8 0.0 152.8
176 80.3 0.0 145.4

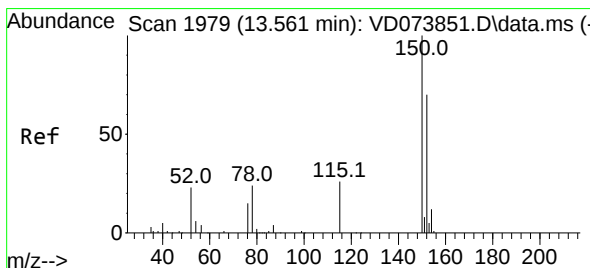
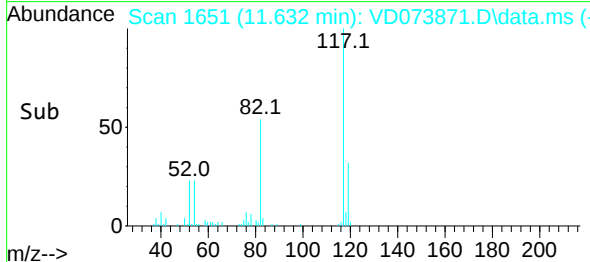
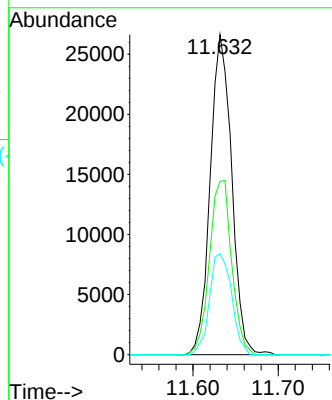
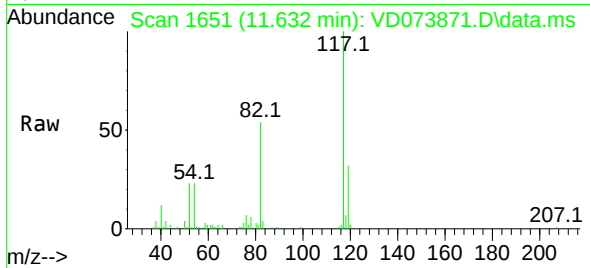




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

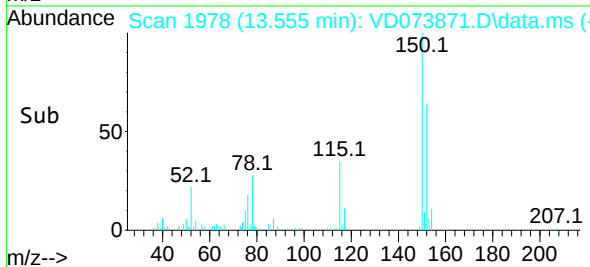
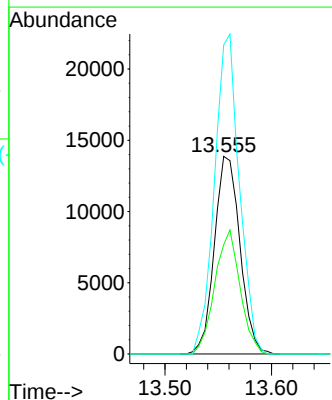
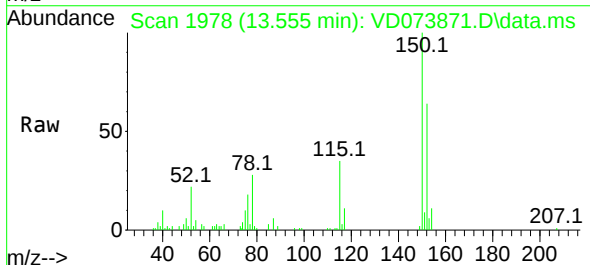
Instrument :
MSVOA_D
ClientSampleId :
TP-1

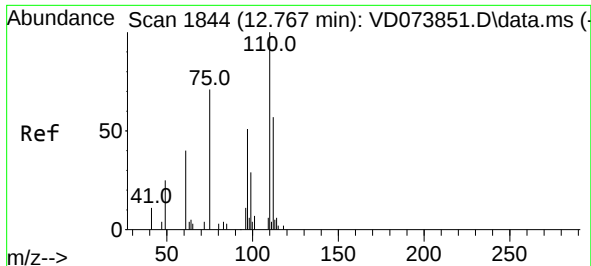
Tgt Ion:	117	Resp:	46588
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	31.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion:	152	Resp:	23126
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.8
150	157.5	0.0	348.6

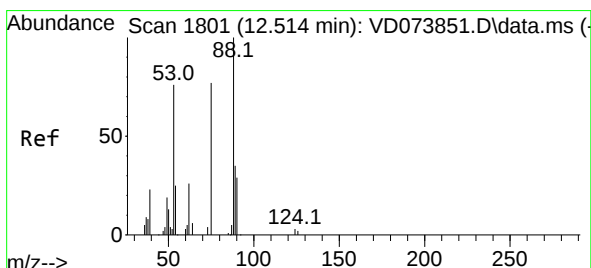
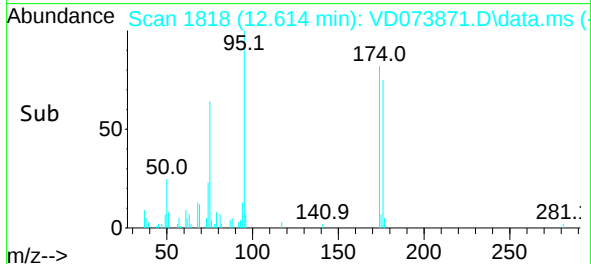
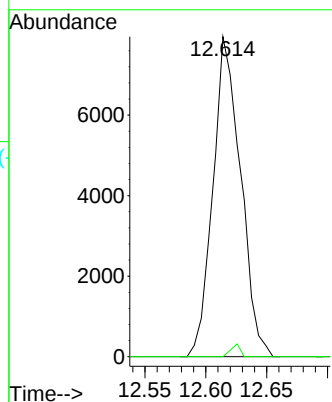
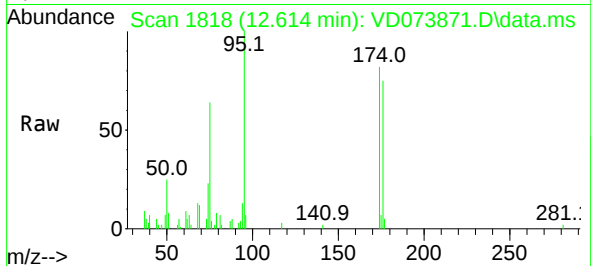




#76
1,2,3-Trichloropropane
Concen: 50.566 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 12547
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.448 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 75 Resp: 12547
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

