

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074053.D
 Acq On : 11 Aug 2022 20:45
 Operator : VA/SY
 Sample : N4130-13RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB04RE

Quant Time: Aug 12 01:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

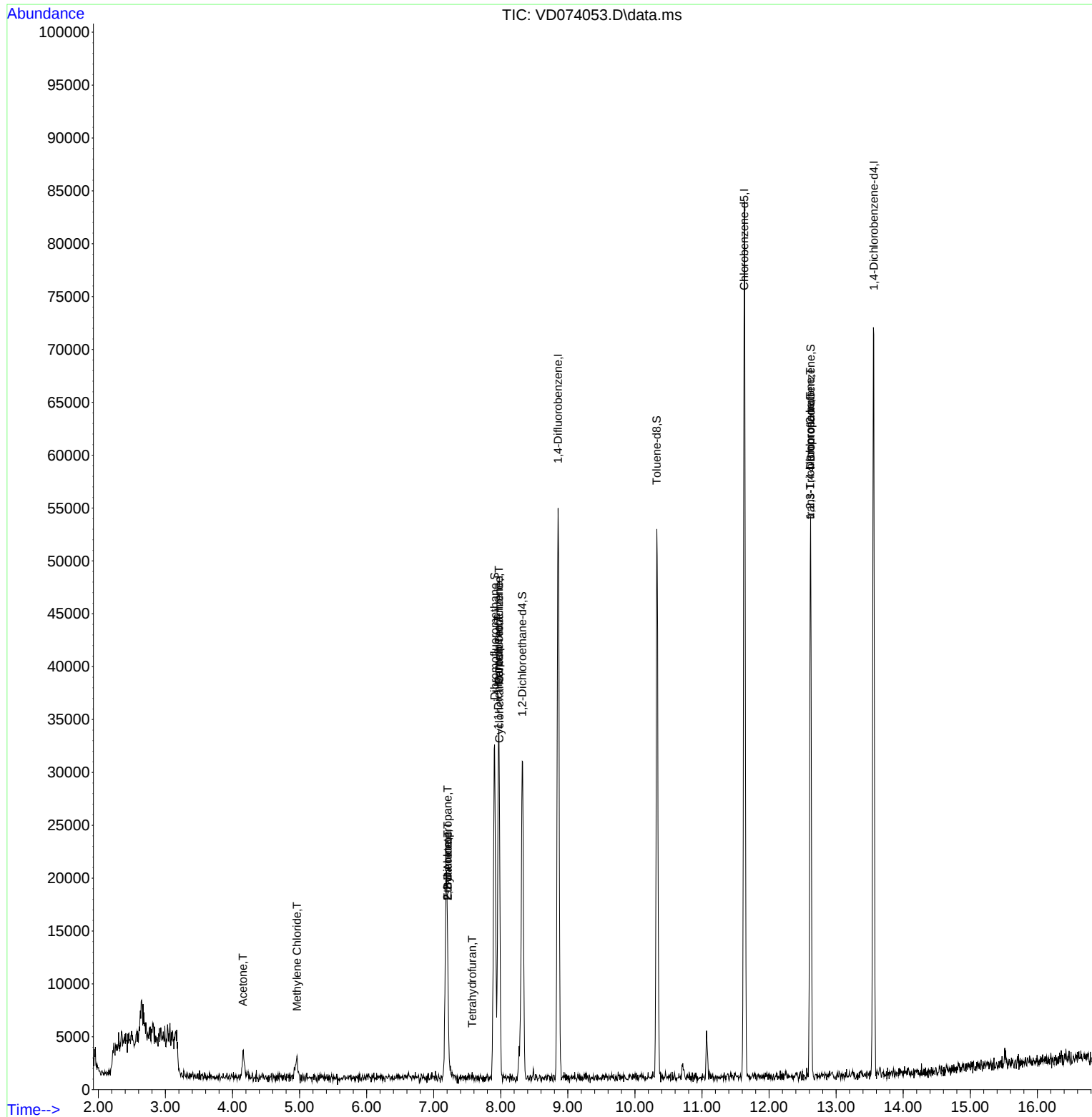
Internal Standards						
1) Pentafluorobenzene	7.973	168	24254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	46286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	46869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	17884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	24047	138.870	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.740%#			
35) Dibromofluoromethane	7.908	113	21174	68.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.760%			
50) Toluene-d8	10.326	98	35728	43.712	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.420%			
62) 4-Bromofluorobenzene	12.620	95	16481	43.594	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.180%			
Target Compounds						
3) Chloromethane	2.197	50	135	Below Cal	#	40
16) Acetone	4.156	43	4390	113.121	ug/l #	75
18) Methyl Acetate	4.726	43	55	Below Cal	#	49
20) Methylene Chloride	4.961	84	1555	3.219	ug/l #	60
25) 2-Butanone	7.208	43	1281	21.108	ug/l #	46
26) 2,2-Dichloropropane	7.208	77	1318	2.870	ug/l #	53
29) Tetrahydrofuran	7.573	42	74	1.981	ug/l #	31
31) Cyclohexane	7.979	56	719	1.689	ug/l #	1
36) 1,1-Dichloropropene	7.961	75	2337	4.995	ug/l #	41
37) Ethyl Acetate	7.208	43	1281	7.694	ug/l #	67
38) Carbon Tetrachloride	7.973	117	3016	5.718	ug/l #	20
76) 1,2,3-Trichloropropane	12.614	75	8856	54.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	8856	144.757	ug/l #	13

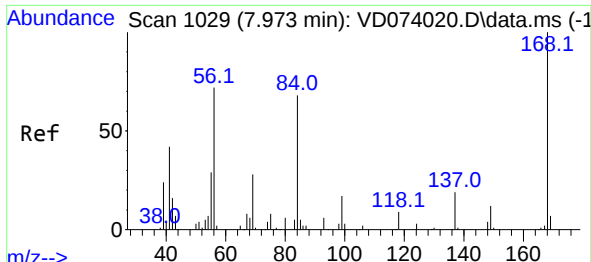
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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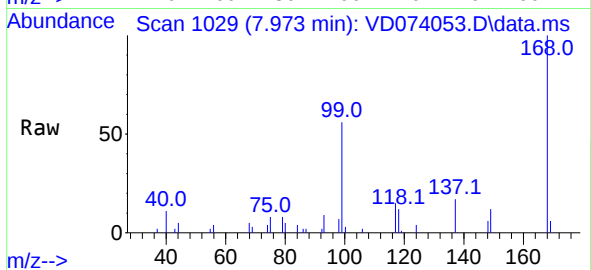
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
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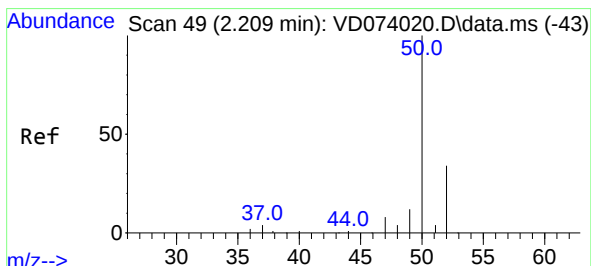
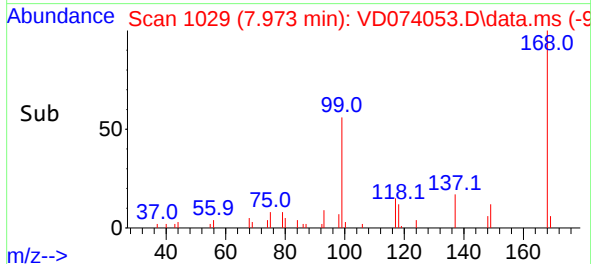
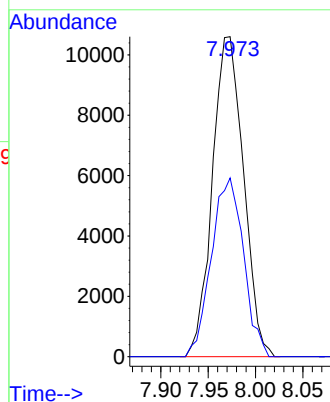


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
SB04RE

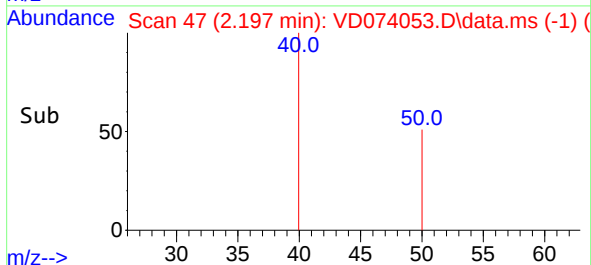
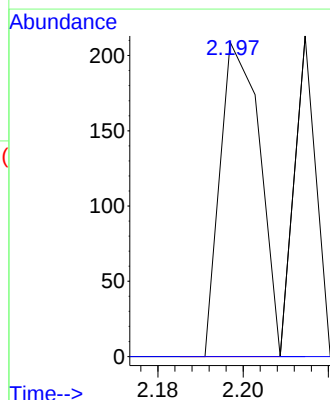
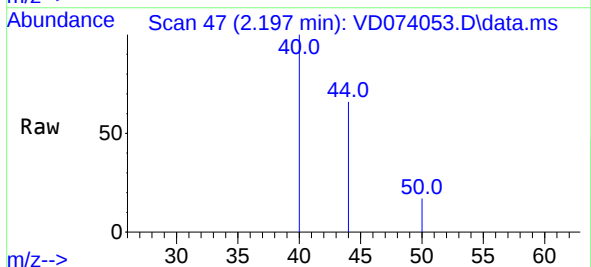


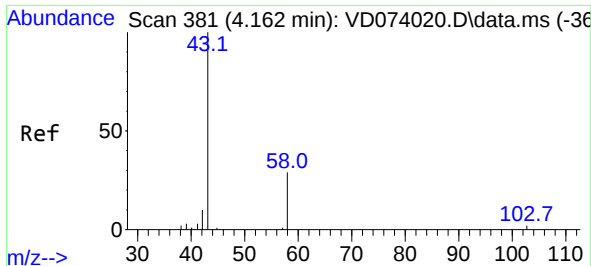
Tgt Ion:168 Resp: 24254
Ion Ratio Lower Upper
168 100
99 55.8 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 50 Resp: 135
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

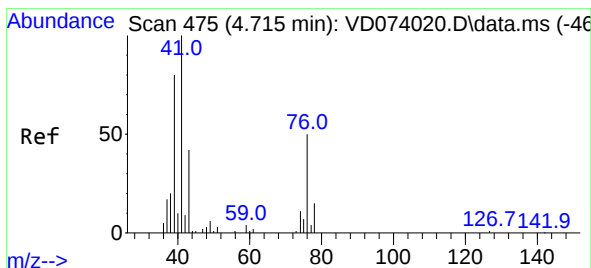
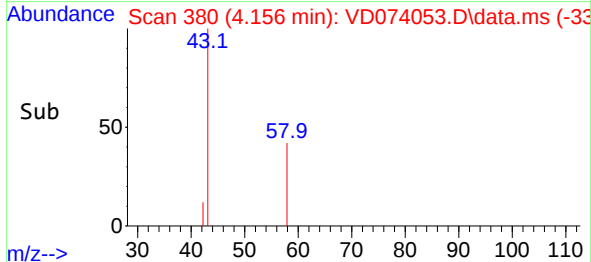
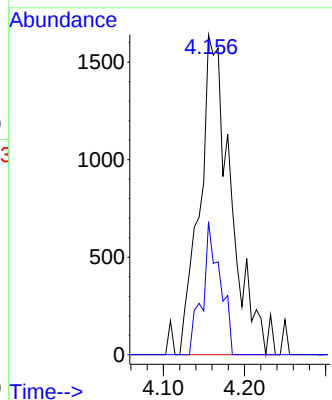
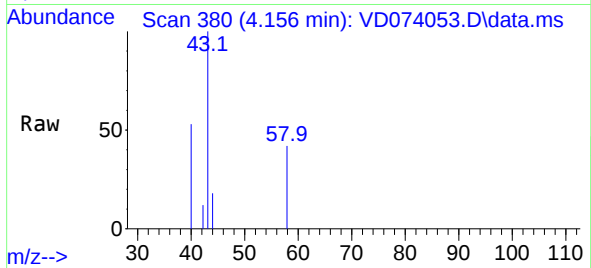




#16
Acetone
Concen: 113.121 ug/l
RT: 4.156 min Scan# 381
Delta R.T. -0.006 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

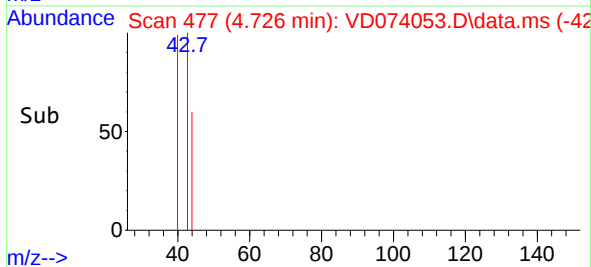
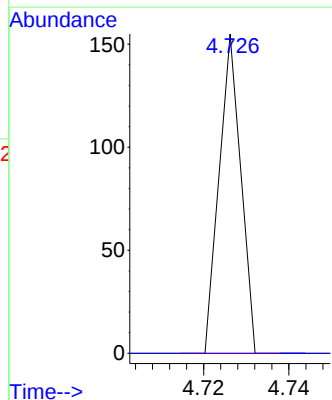
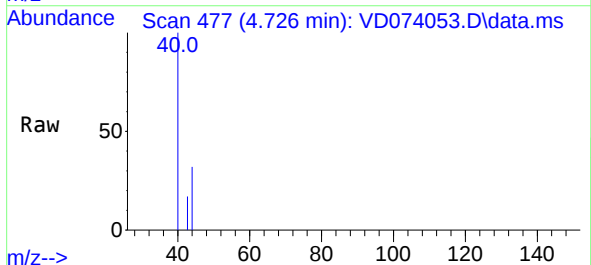
Instrument :
MSVOA_D
ClientSampleId :
SB04RE

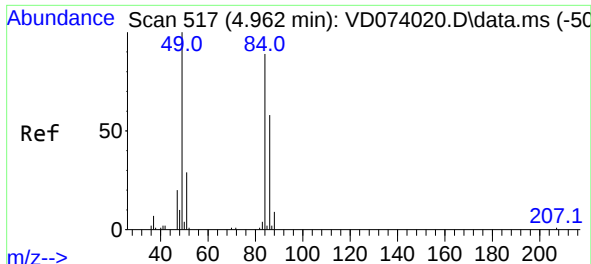
Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
58 41.6 22.8 34.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#

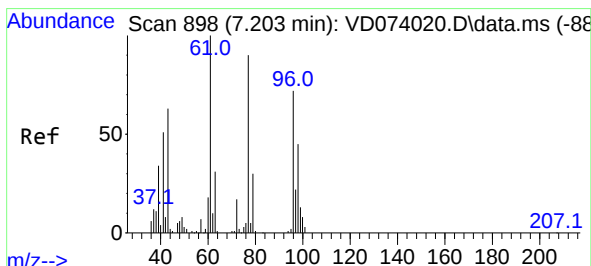
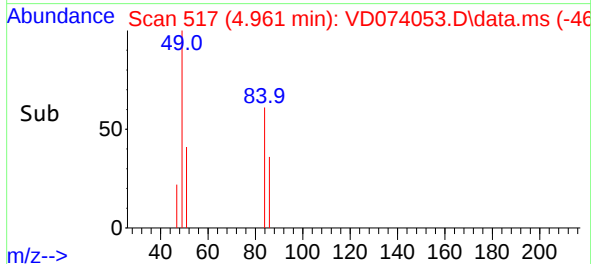
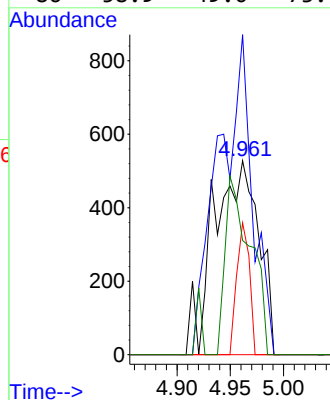
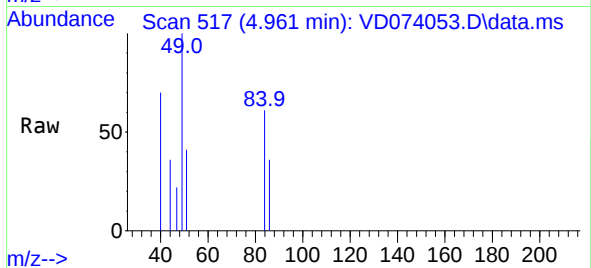




#20
Methylene Chloride
Concen: 3.219 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

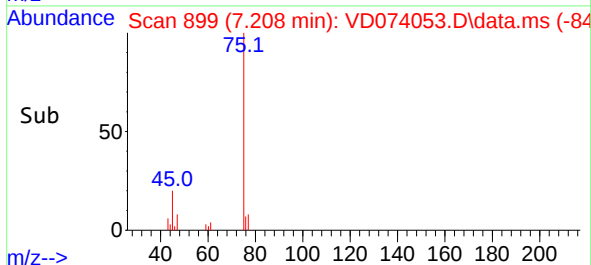
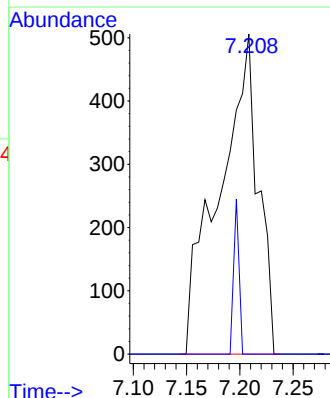
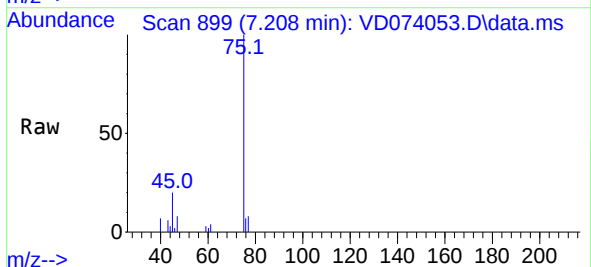
Instrument :
MSVOA_D
ClientSampleId :
SB04RE

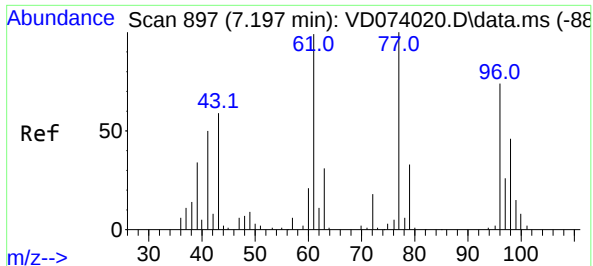
Tgt Ion: 84 Resp: 1555
Ion Ratio Lower Upper
84 100
49 165.0 85.8 128.6#
51 68.0 28.0 42.0#
86 58.9 49.0 73.4



#25
2-Butanone
Concen: 21.108 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#





#26

2,2-Dichloropropane

Concen: 2.870 ug/l

RT: 7.208 min Scan# 89

Delta R.T. 0.011 min

Lab File: VD074053.D

Acq: 11 Aug 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

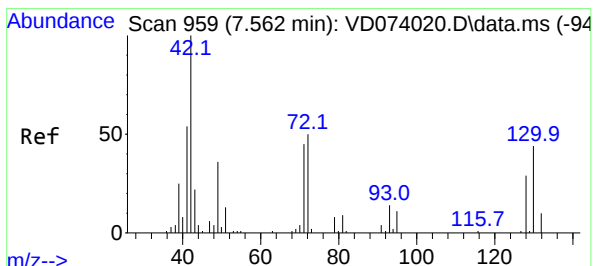
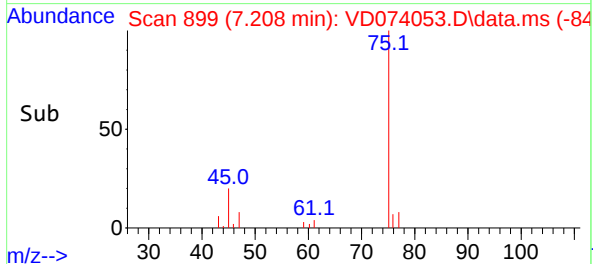
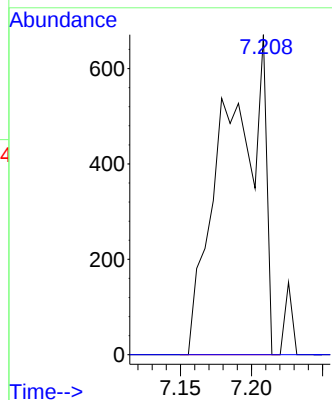
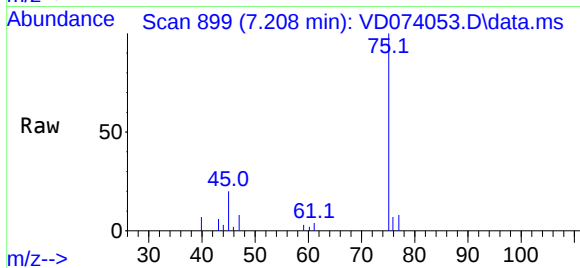
SB04RE

Tgt Ion: 77 Resp: 1318

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#



#29

Tetrahydrofuran

Concen: 1.981 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.011 min

Lab File: VD074053.D

Acq: 11 Aug 2022 20:45

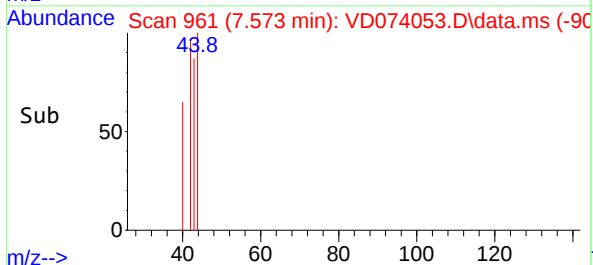
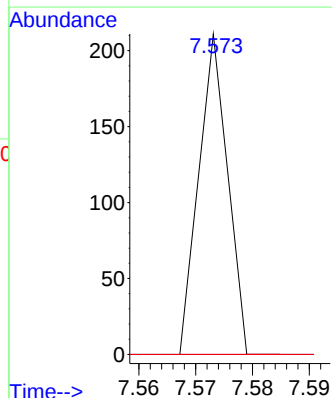
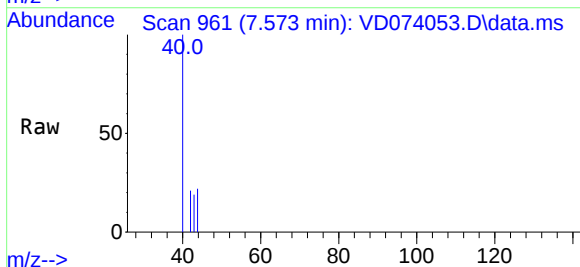
Tgt Ion: 42 Resp: 74

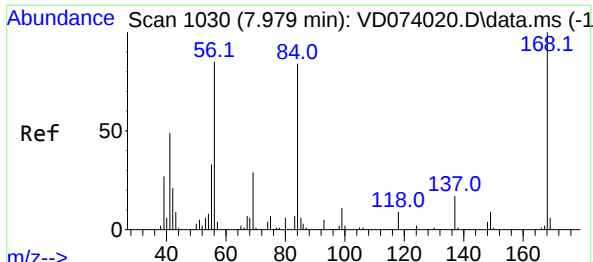
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

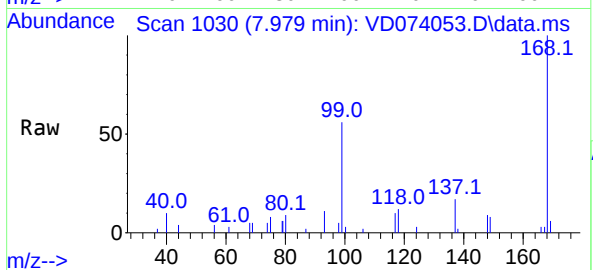
71 0.0 35.5 53.3#



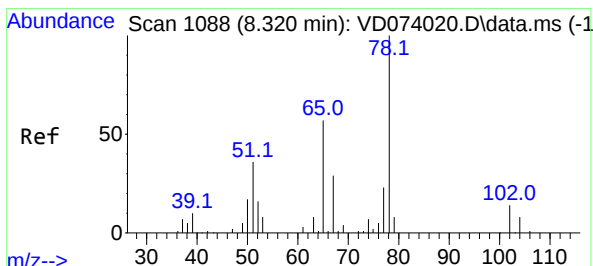
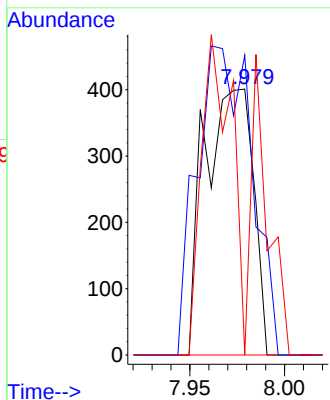
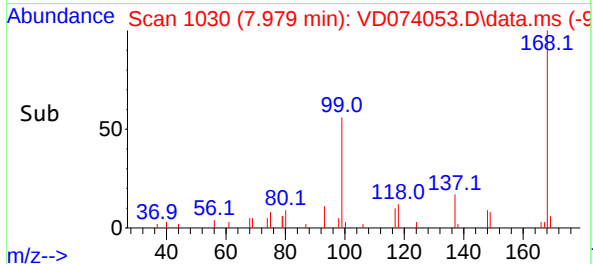


#31
Cyclohexane
Concen: 1.689 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
SB04RE

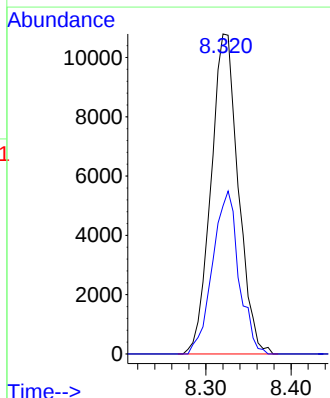
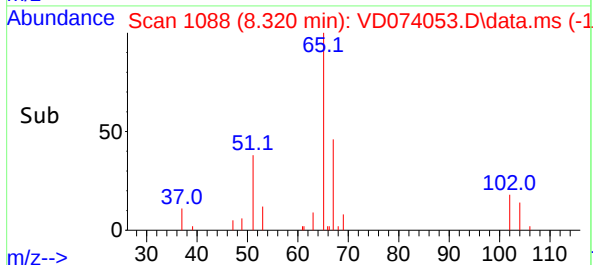
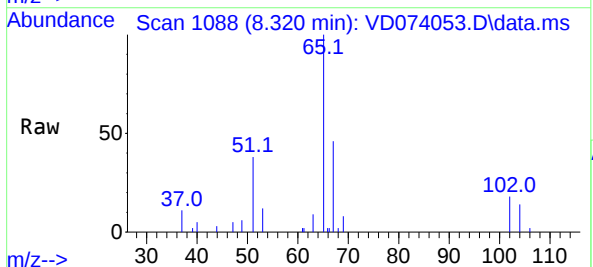


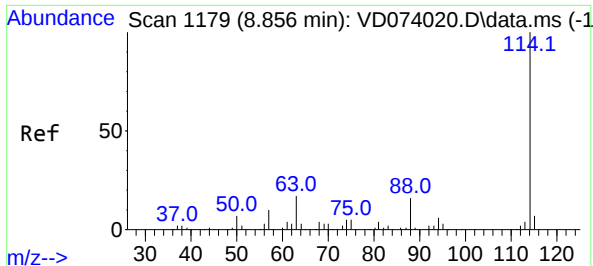
Tgt Ion: 56 Resp: 719
Ion Ratio Lower Upper
56 100
69 112.7 27.9 41.9#
84 0.0 75.8 113.6#



#33
1,2-Dichloroethane-d4
Concen: 138.870 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 65 Resp: 24047
Ion Ratio Lower Upper
65 100
67 49.0 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074053.D

Acq: 11 Aug 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

SB04RE

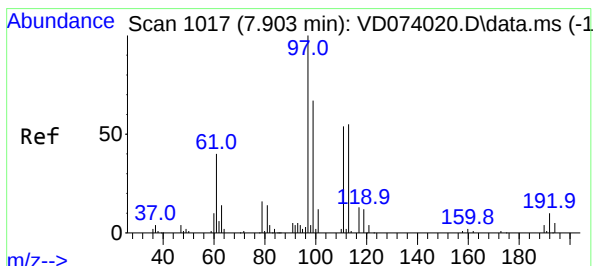
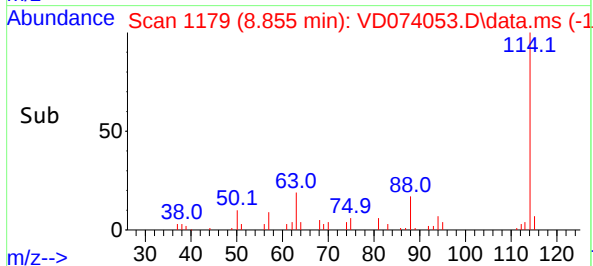
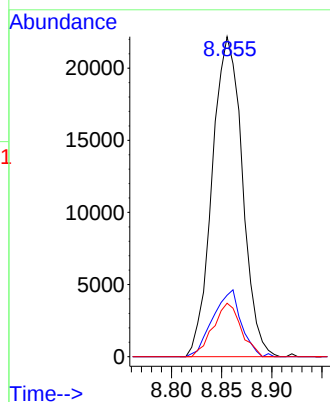
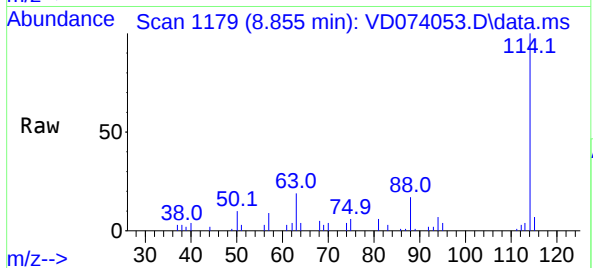
Tgt Ion:114 Resp: 46286

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 16.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 68.875 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074053.D

Acq: 11 Aug 2022 20:45

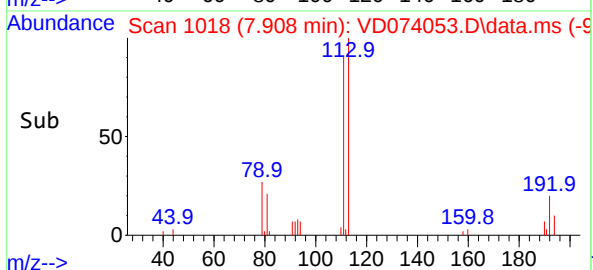
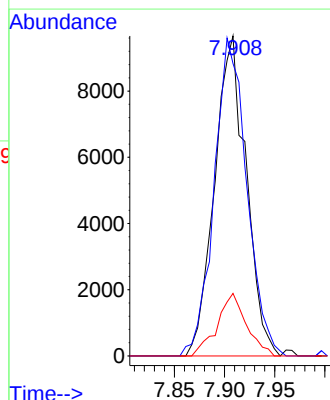
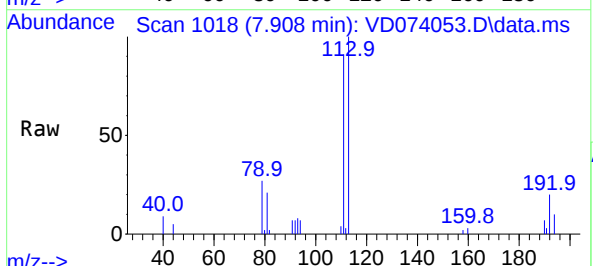
Tgt Ion:113 Resp: 21174

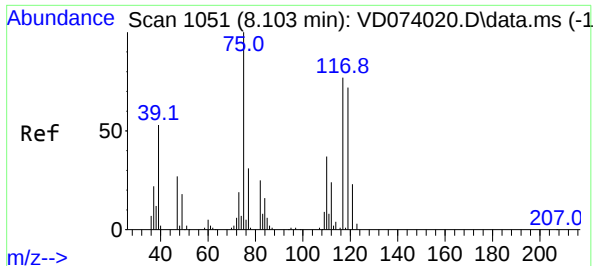
Ion Ratio Lower Upper

113 100

111 102.4 80.0 120.0

192 18.1 14.2 21.4



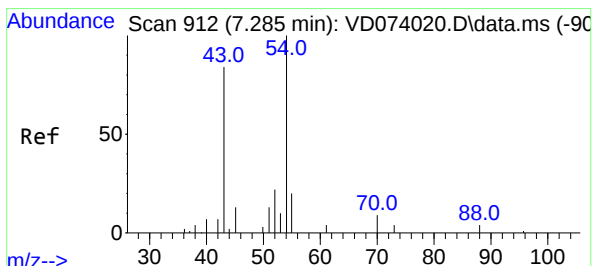
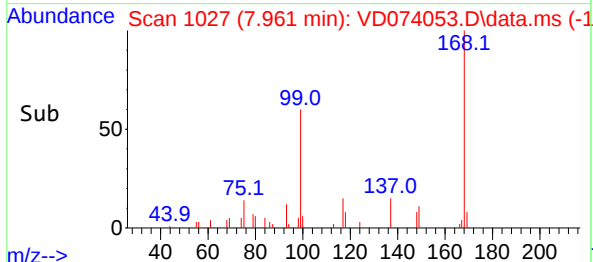
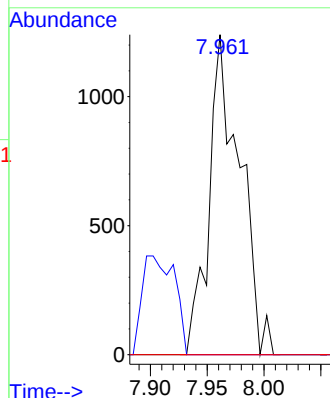
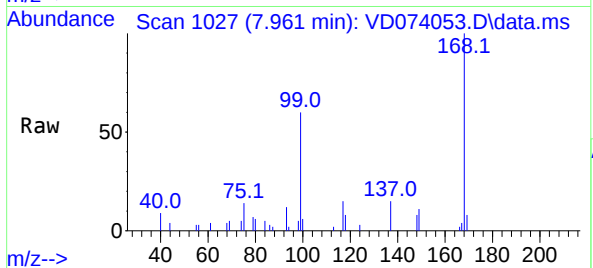


#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 7.961 min Scan# 1051
Delta R.T. -0.142 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
SB04RE

Tgt Ion: 75 Resp: 2337

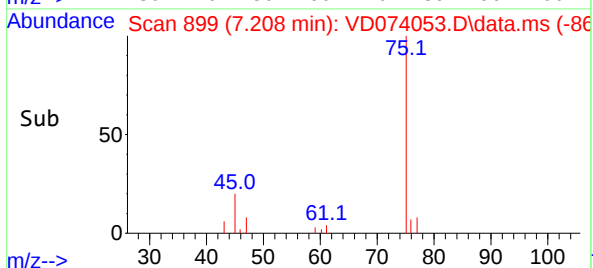
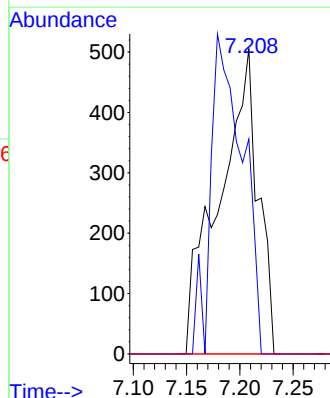
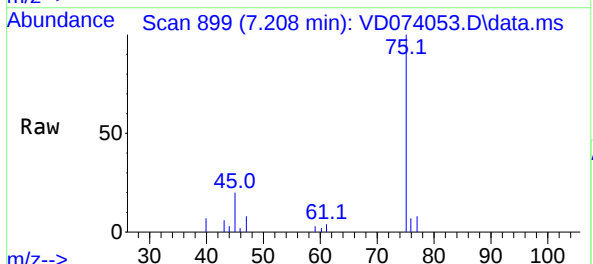
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.4#
77	0.0	24.6	36.8#

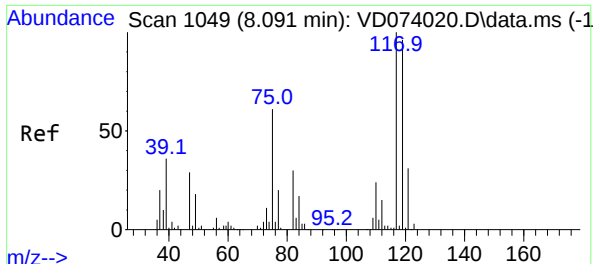


#37
Ethyl Acetate
Concen: 7.694 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.077 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 43 Resp: 1281

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	10.2	15.2#

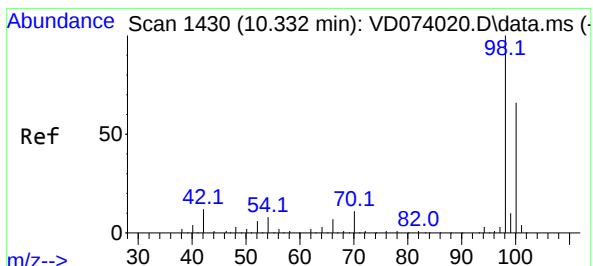
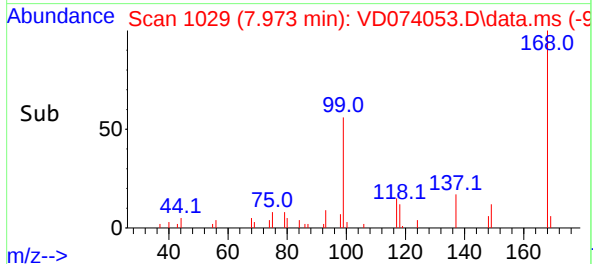
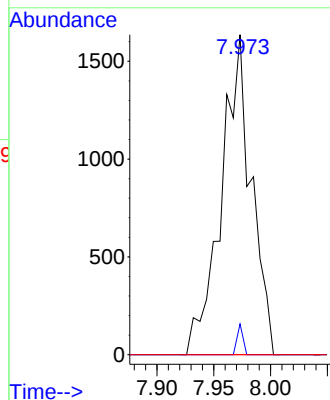
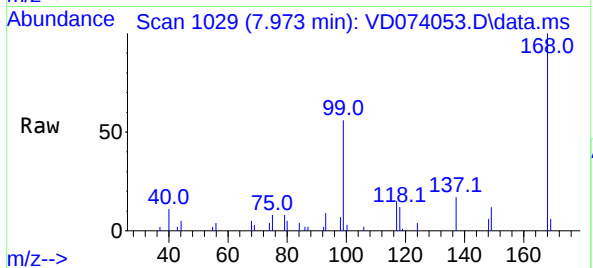




#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

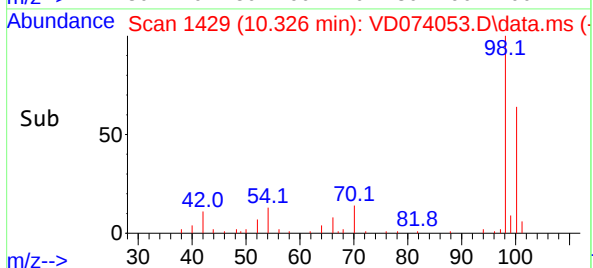
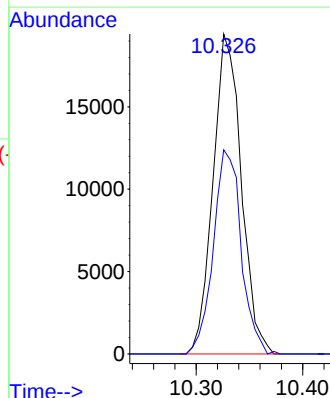
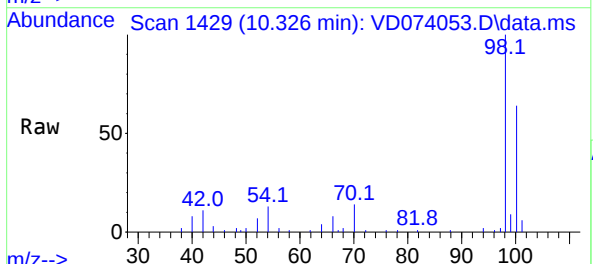
Instrument :
MSVOA_D
ClientSampleId :
SB04RE

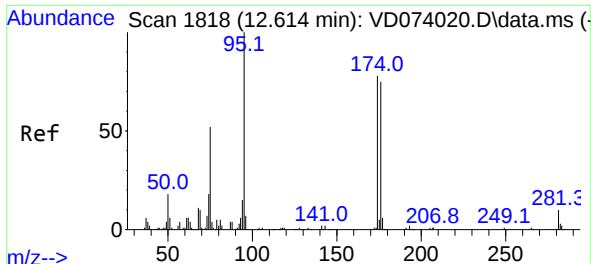
Tgt Ion:117 Resp: 3016
Ion Ratio Lower Upper
117 100
119 9.6 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 43.712 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion: 98 Resp: 35728
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9

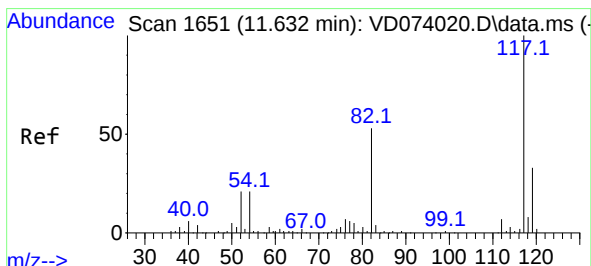
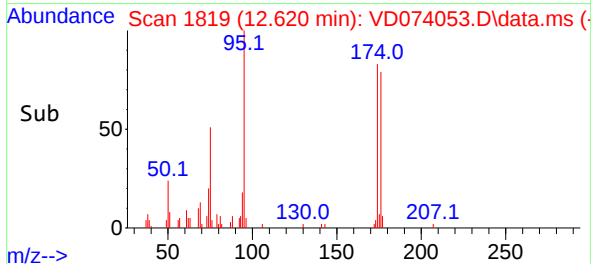
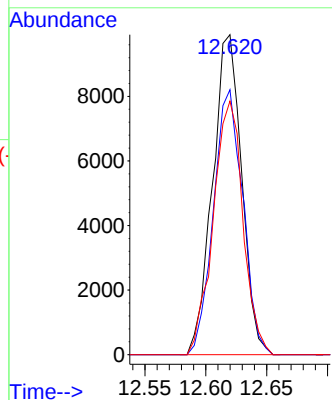
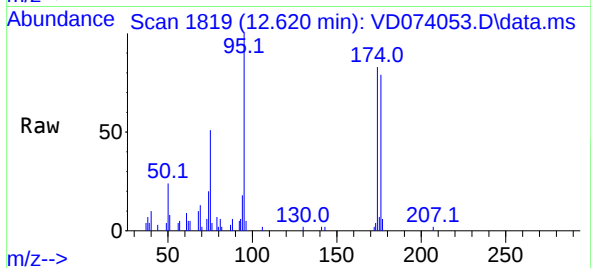




#62
4-Bromofluorobenzene
Concen: 43.594 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

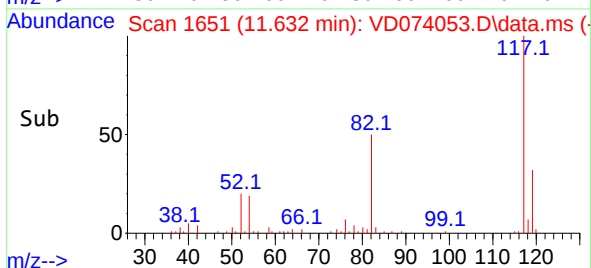
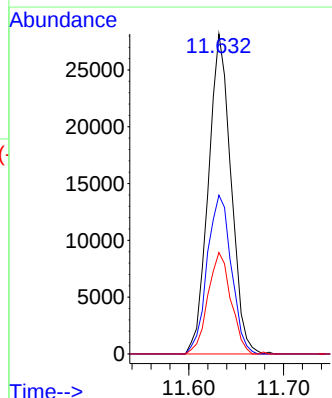
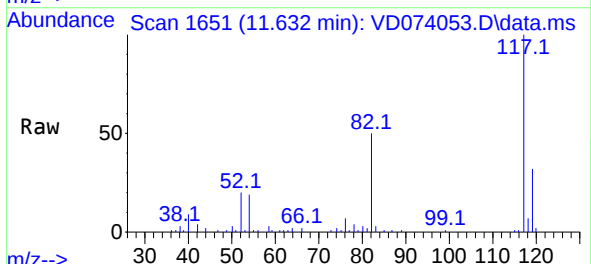
Instrument :
MSVOA_D
ClientSampleId :
SB04RE

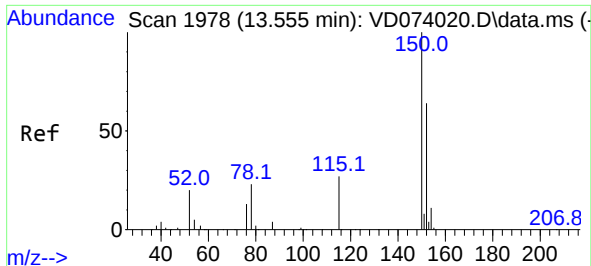
Tgt Ion:	95	Resp:	16481
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	162.6
176	81.0	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

Tgt Ion:	117	Resp:	46869
Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.7	64.1
119	31.7	25.8	38.8

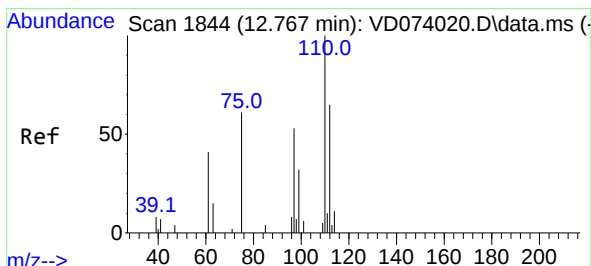
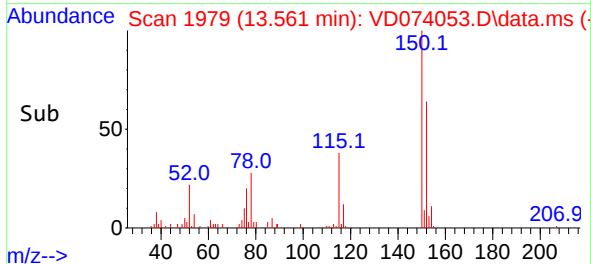
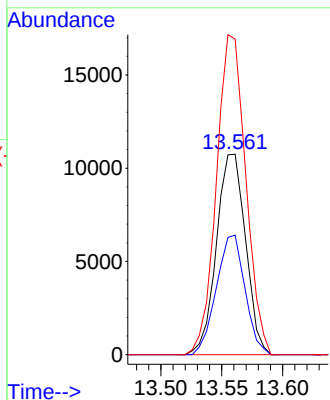
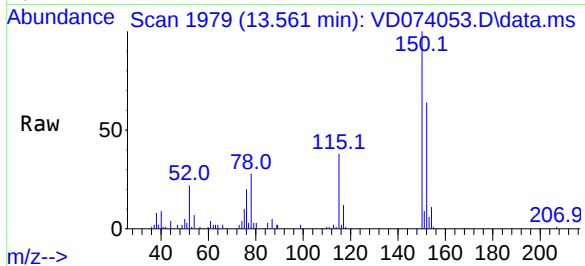




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

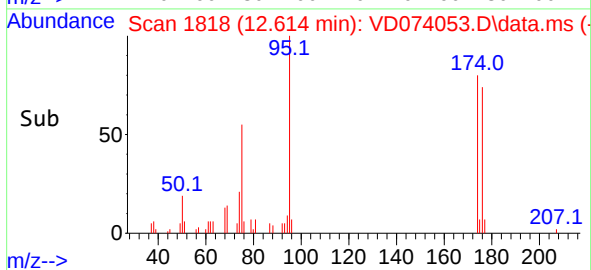
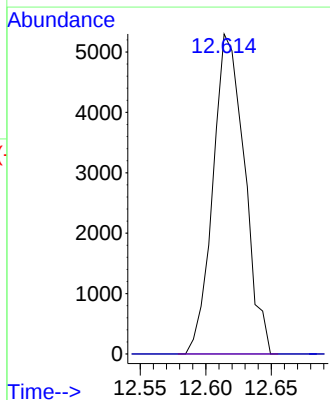
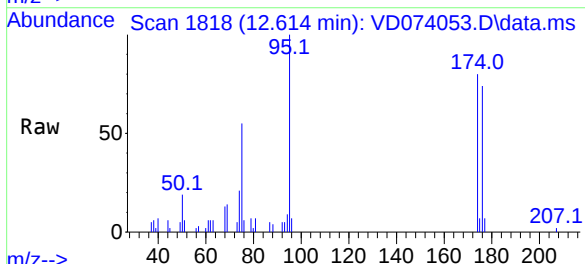
Instrument :
MSVOA_D
ClientSampleId :
SB04RE

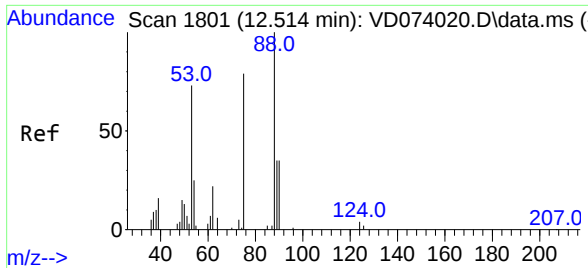
Tgt Ion:152 Resp: 17884
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.8
150 160.9 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 54.237 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074053.D
Acq: 11 Aug 2022 20:45

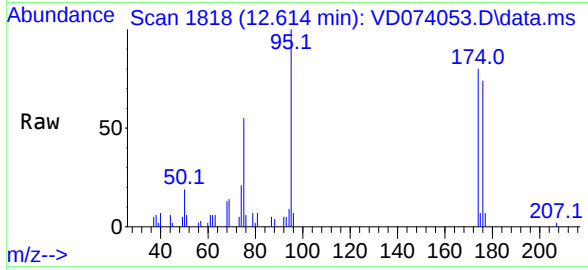
Tgt Ion: 75 Resp: 8856
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.757 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074053.D
 Acq: 11 Aug 2022 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SB04RE



Tgt Ion:	75	Resp:	8856
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.0	38.3	57.5#

