

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073982.D
 Acq On : 08 Aug 2022 19:53
 Operator : VA/SY
 Sample : N3995-01RE
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1RE

Quant Time: Aug 08 23:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

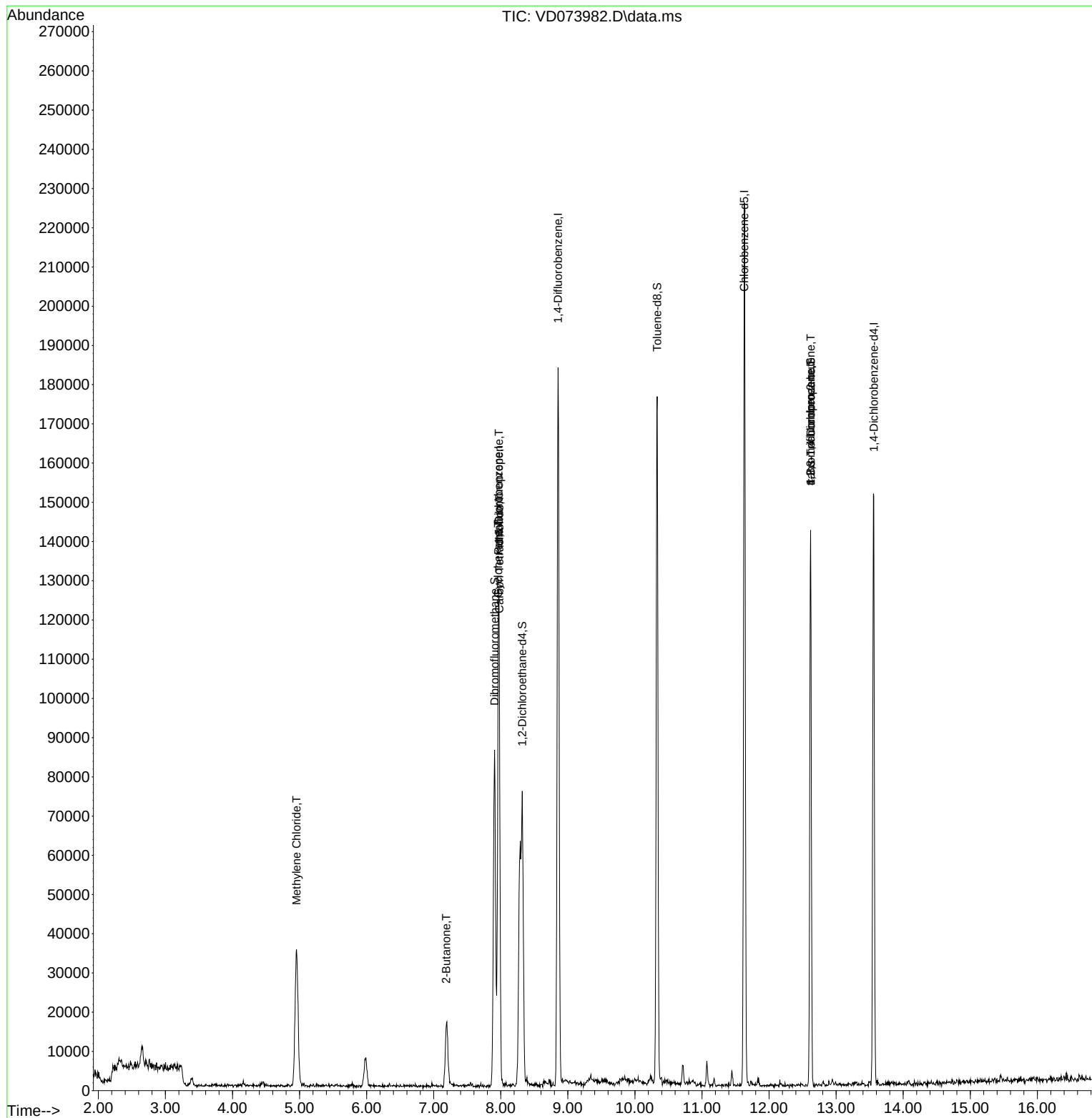
Internal Standards						
1) Pentafluorobenzene	7.967	168	90523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	157641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	125051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	50297	75.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.600%	
35) Dibromofluoromethane	7.908	113	57893	59.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.220%	
50) Toluene-d8	10.332	98	119628	44.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.520%	
62) 4-Bromofluorobenzene	12.620	95	45105	34.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1370	Below Cal		89
11) Tert butyl alcohol	5.203	59	61	Below Cal	#	86
16) Acetone	4.162	43	866	Below Cal	#	63
18) Methyl Acetate	4.720	43	73	Below Cal	#	47
20) Methylene Chloride	4.956	84	28439	19.745	ug/l	92
25) 2-Butanone	7.185	43	652	2.813	ug/l	98
31) Cyclohexane	7.961	56	2560	1.660	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	7646	4.987	ug/l #	47
38) Carbon Tetrachloride	7.979	117	10069	5.897	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	23608	65.545	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	23608	164.556	ug/l #	11

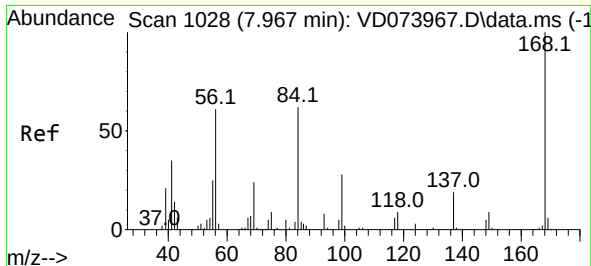
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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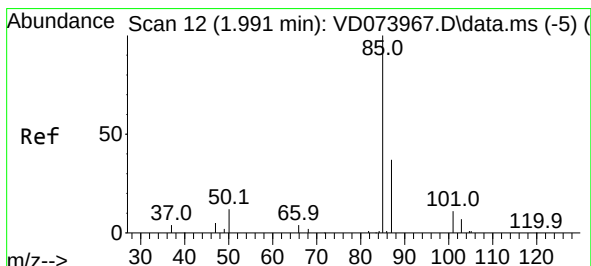
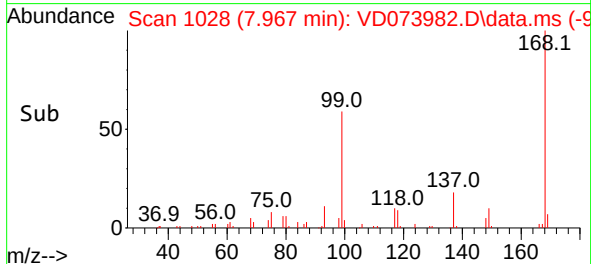
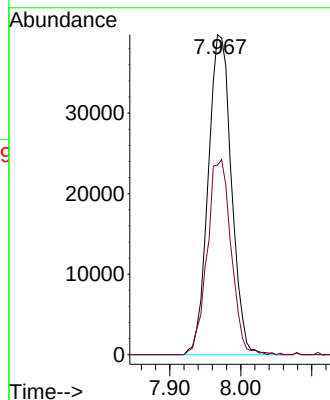
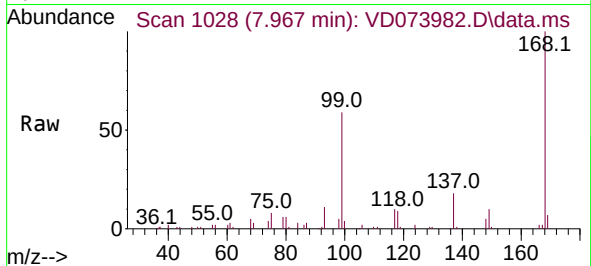




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

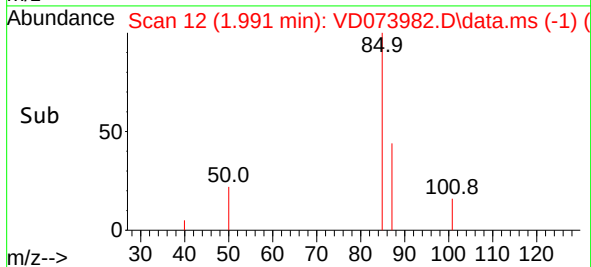
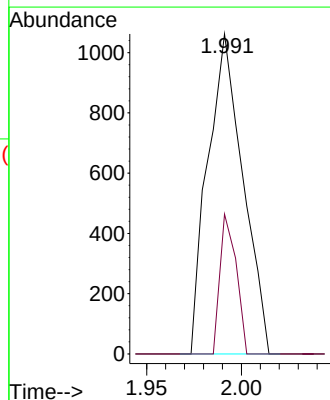
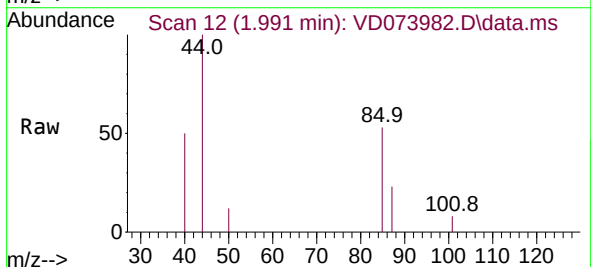
Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

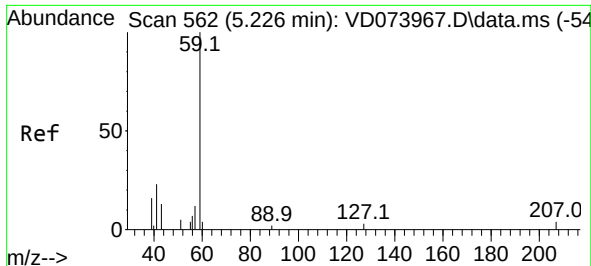
Tgt Ion:168 Resp: 90523
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.4



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 85 Resp: 1370
Ion Ratio Lower Upper
85 100
87 43.7 18.7 56.1

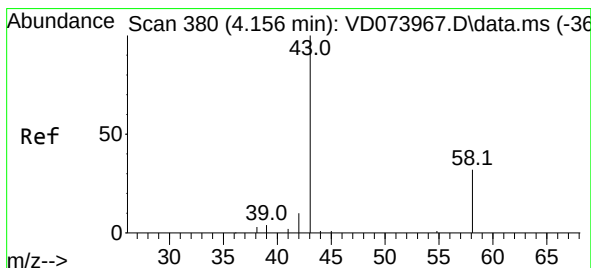
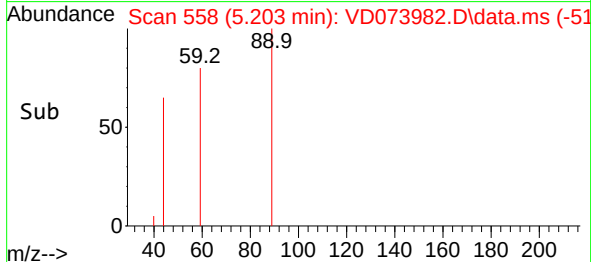
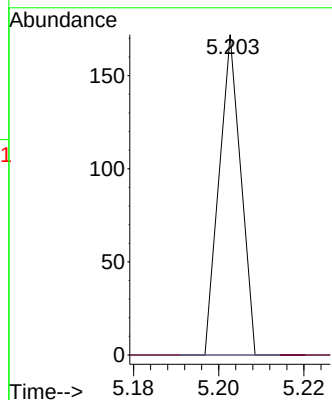
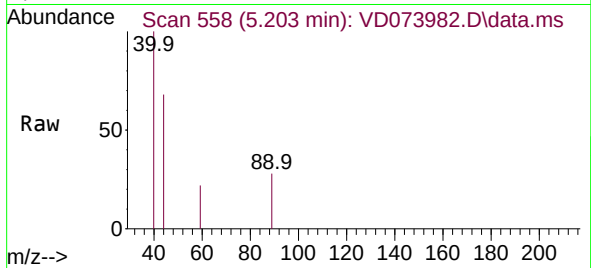




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

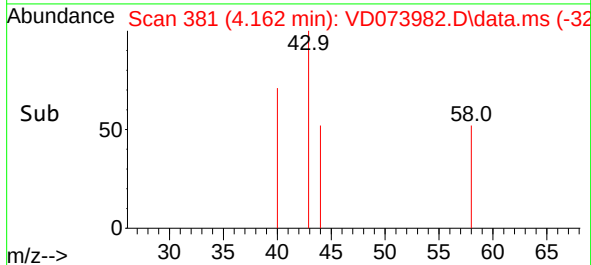
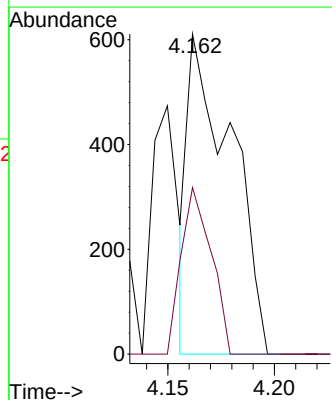
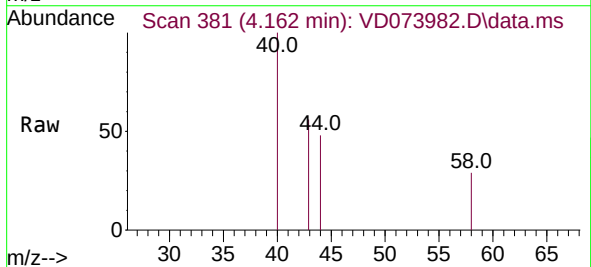
Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

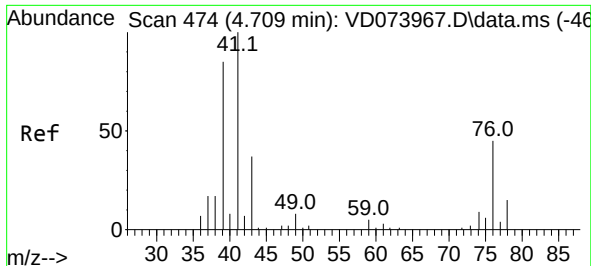
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 3.8 5.6#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 52.0 25.4 38.0#

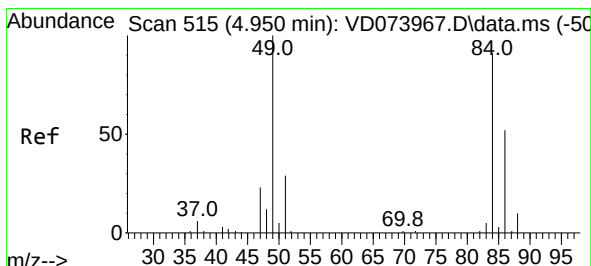
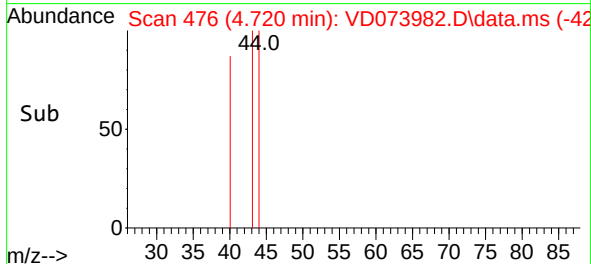
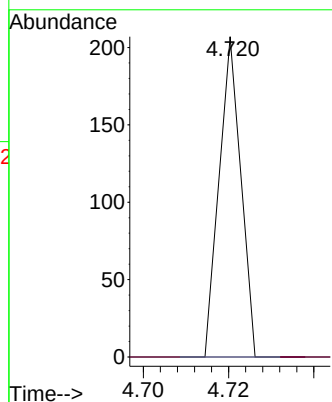
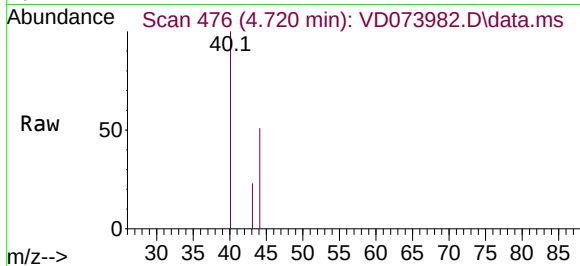




#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

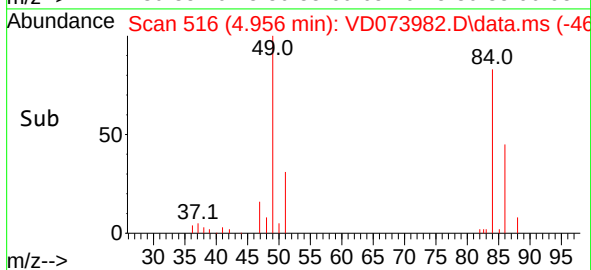
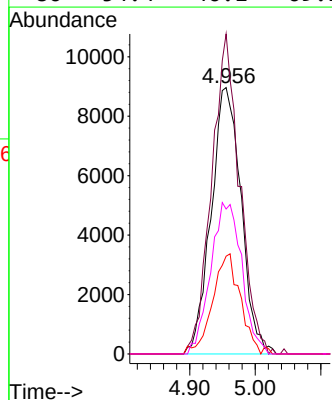
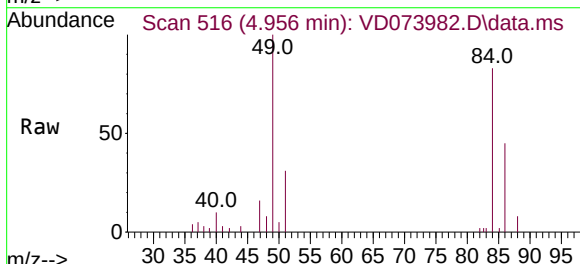
Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

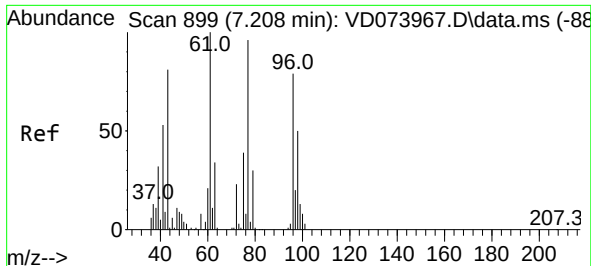
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: 19.745 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 84 Resp: 28439
Ion Ratio Lower Upper
84 100
49 120.1 87.9 131.9
51 36.7 25.7 38.5
86 54.4 46.1 69.1





#25

2-Butanone

Concen: 2.813 ug/l

RT: 7.185 min Scan# 899

Delta R.T. -0.024 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

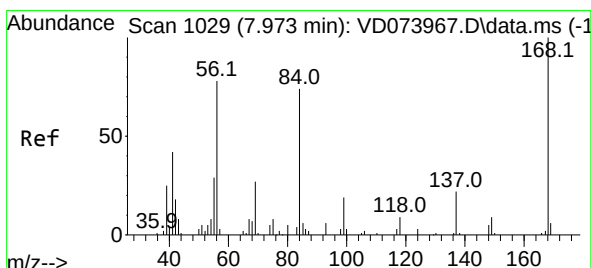
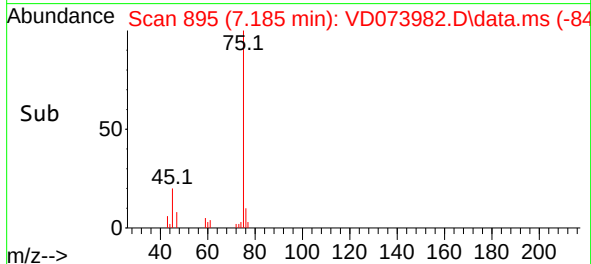
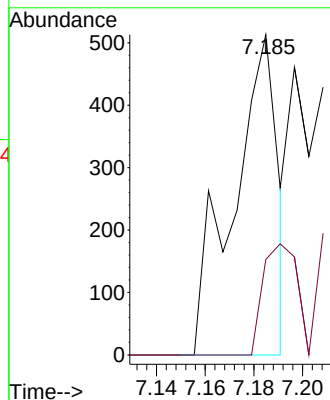
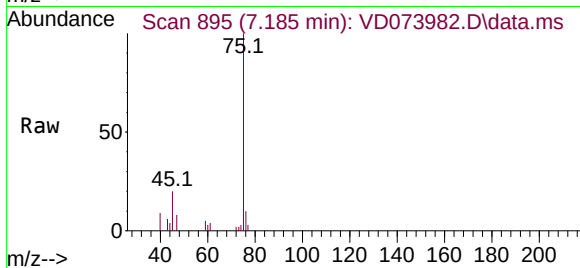
COMP-1RE

Tgt Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

72 29.8 22.8 34.2



#31

Cyclohexane

Concen: 1.660 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.012 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

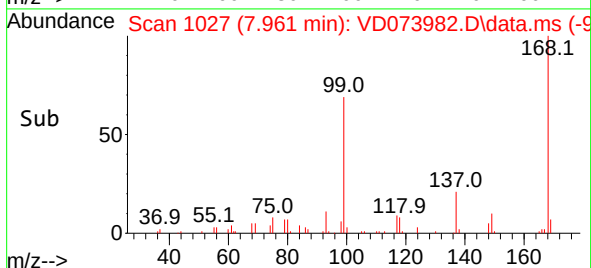
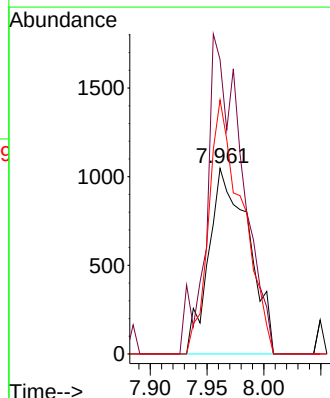
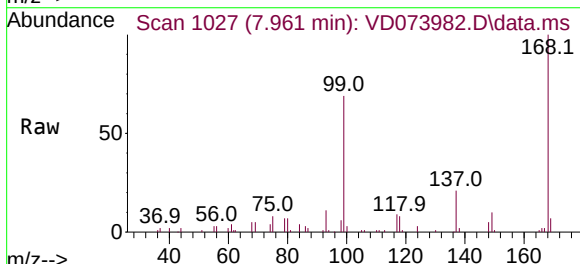
Tgt Ion: 56 Resp: 2560

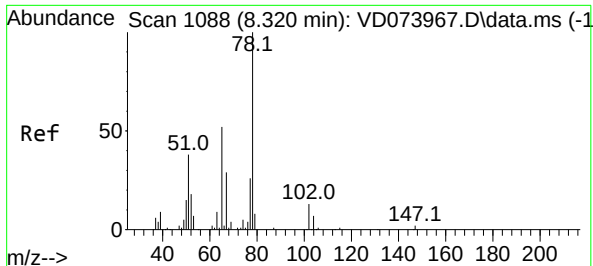
Ion Ratio Lower Upper

56 100

69 158.6 27.6 41.4#

84 136.8 75.4 113.0#





#33

1,2-Dichloroethane-d4

Concen: 75.803 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

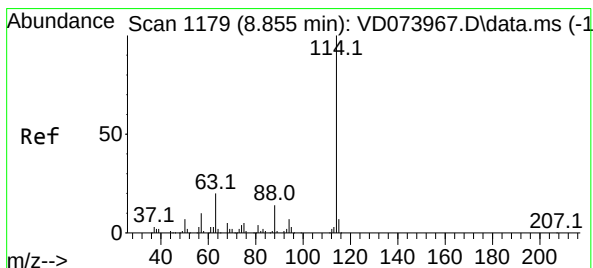
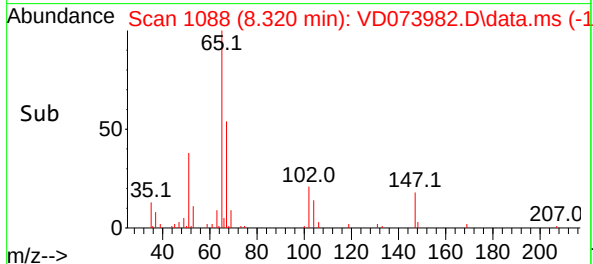
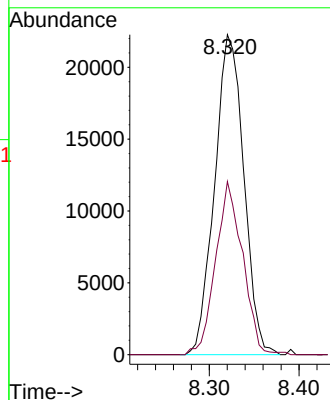
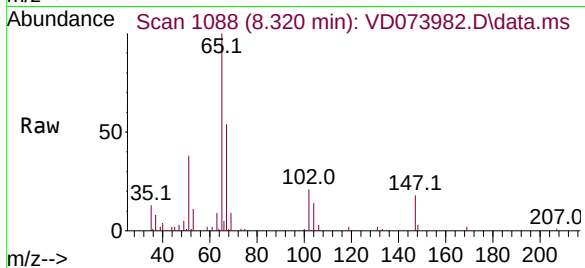
COMP-1RE

Tgt Ion: 65 Resp: 50297

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073982.D

Acq: 08 Aug 2022 19:53

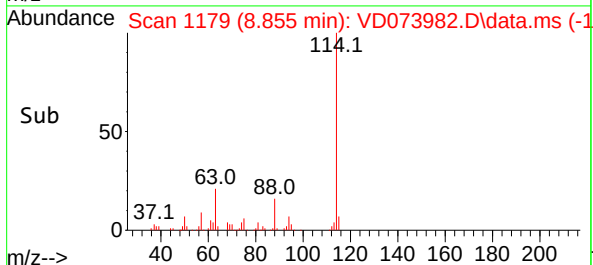
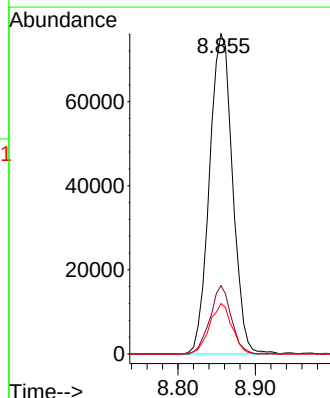
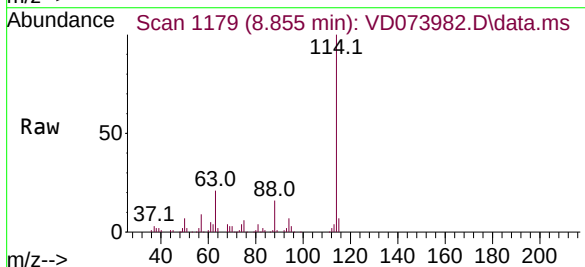
Tgt Ion: 114 Resp: 157641

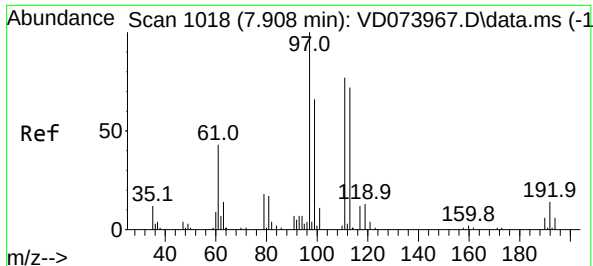
Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.8

88 15.8 0.0 28.0

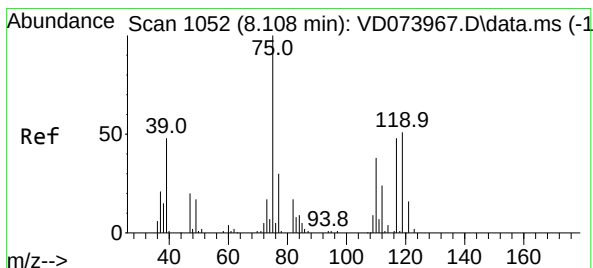
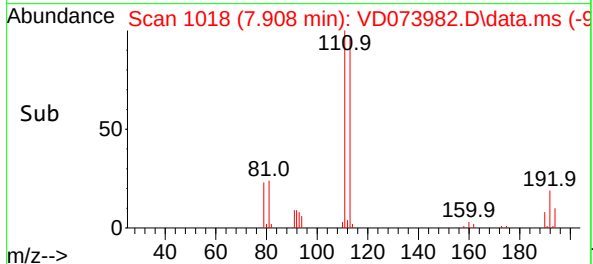
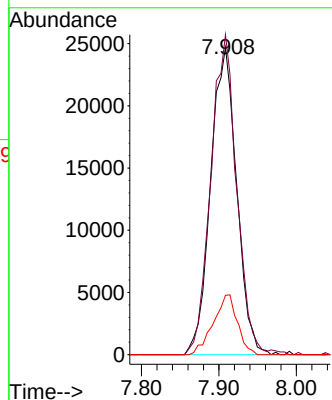
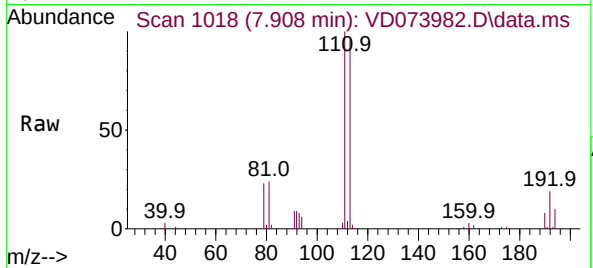




#35
Dibromofluoromethane
Concen: 59.610 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

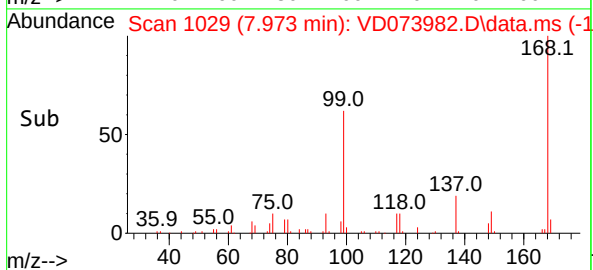
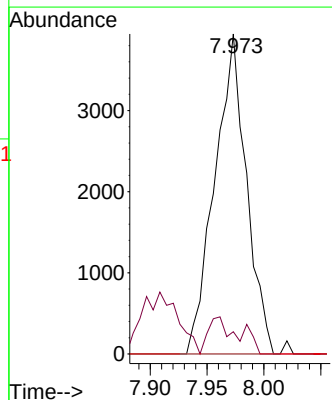
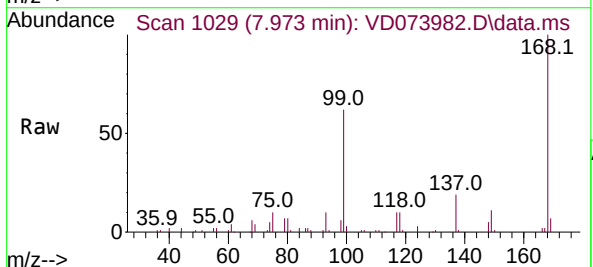
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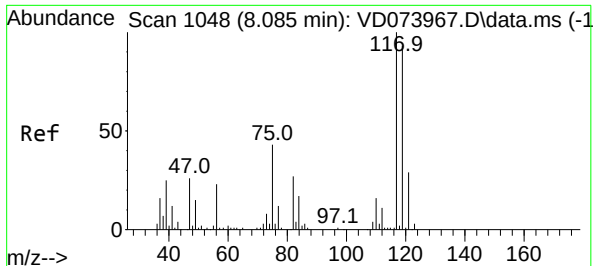
Tgt Ion:113 Resp: 57893
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

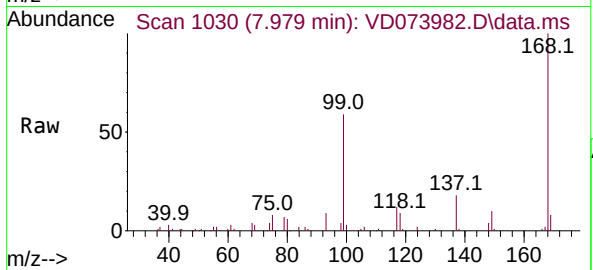
Tgt Ion: 75 Resp: 7646
Ion Ratio Lower Upper
75 100
110 8.2 18.9 56.7#
77 0.0 25.5 38.3#



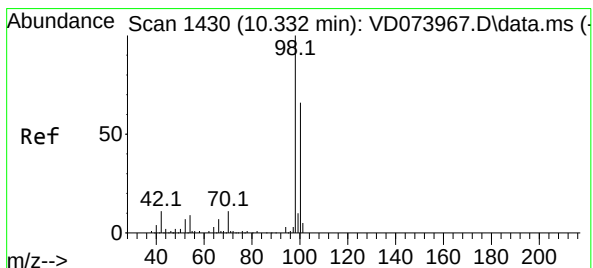
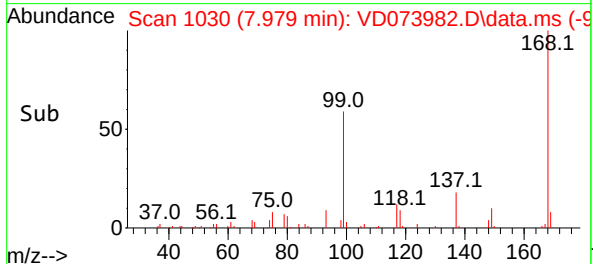
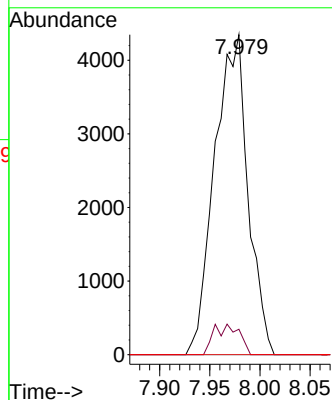


#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.106 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

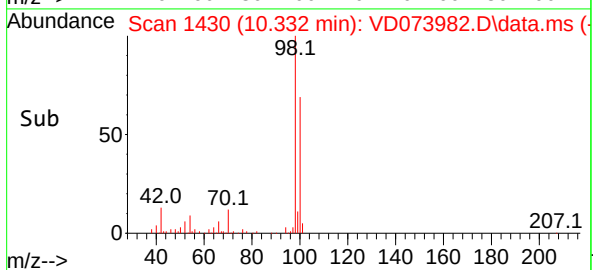
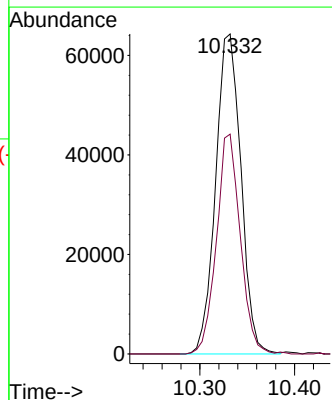
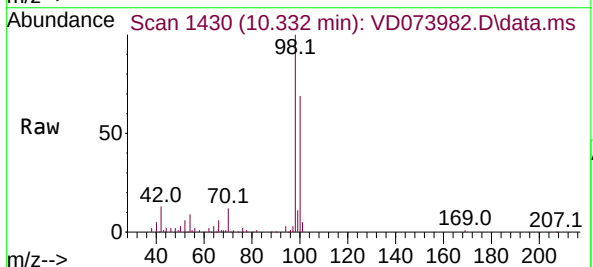


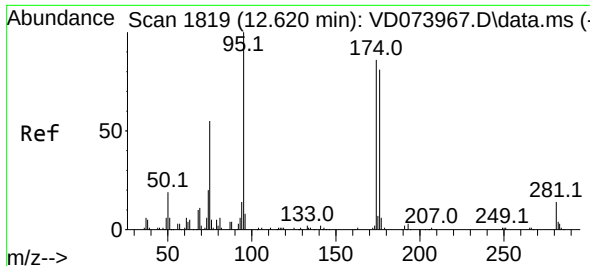
Tgt Ion:117 Resp: 10069
Ion Ratio Lower Upper
117 100
119 7.9 74.7 112.1#
121 0.0 23.4 35.0#



#50
Toluene-d8
Concen: 44.261 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 98 Resp: 119628
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

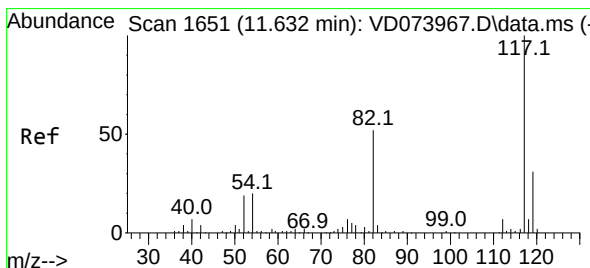
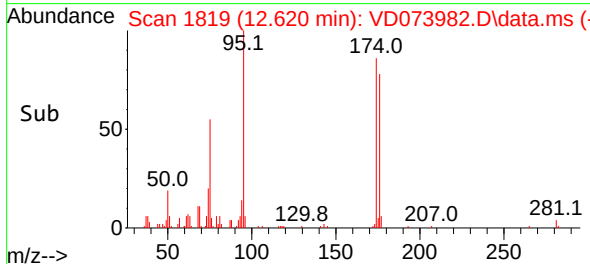
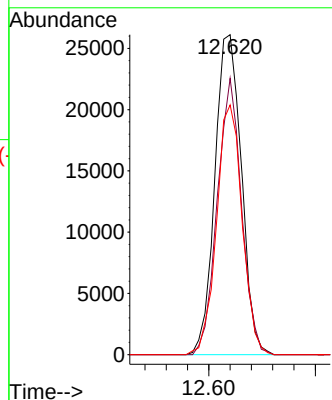
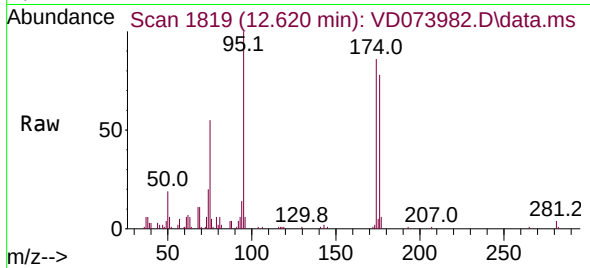




#62
4-Bromofluorobenzene
Concen: 34.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

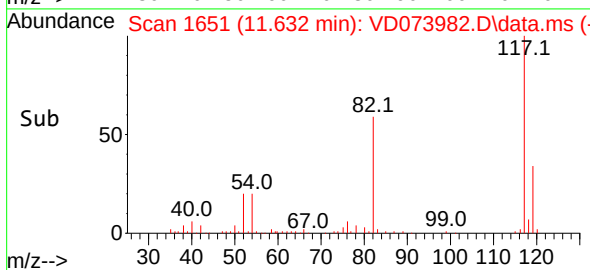
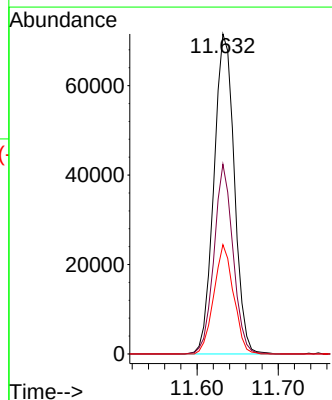
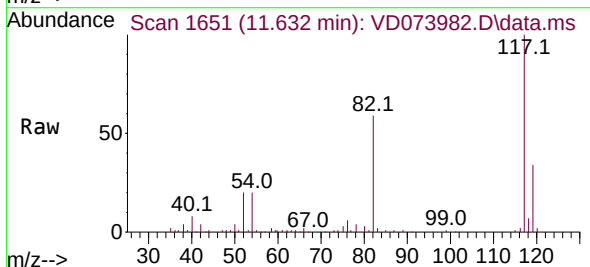
Instrument :
MSVOA_D
ClientSampleId :
COMP-1RE

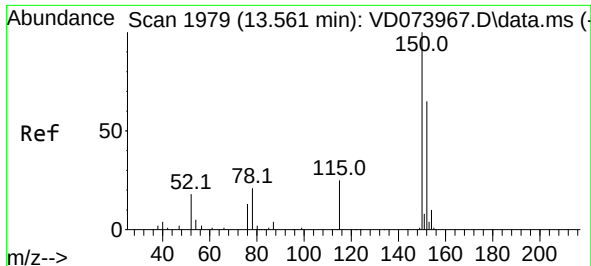
Tgt Ion: 95 Resp: 45105
Ion Ratio Lower Upper
95 100
174 78.8 0.0 163.0
176 75.3 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073982.D
Acq: 08 Aug 2022 19:53

Tgt Ion: 117 Resp: 125051
Ion Ratio Lower Upper
117 100
82 59.3 42.0 63.0
119 34.1 24.8 37.2

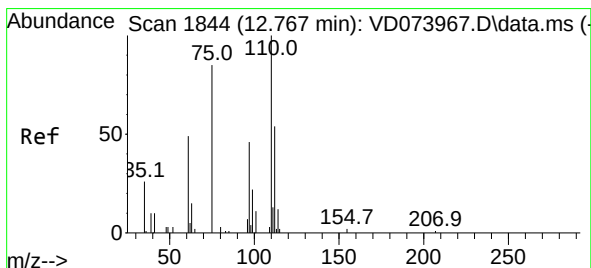
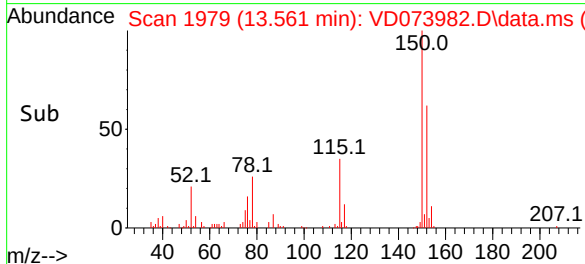
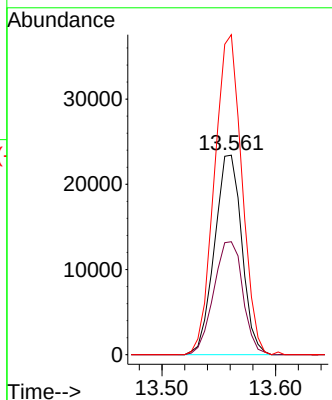
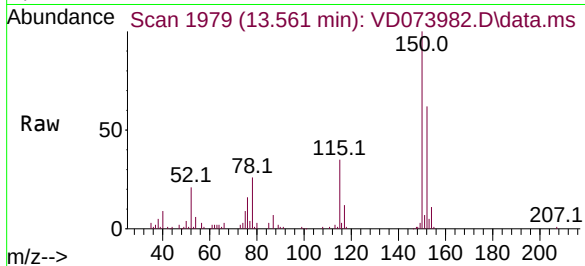




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073982.D
 Acq: 08 Aug 2022 19:53

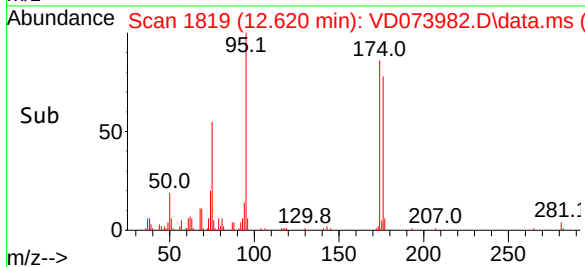
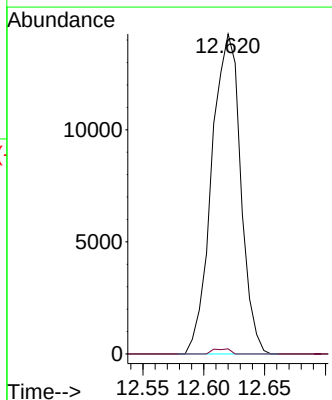
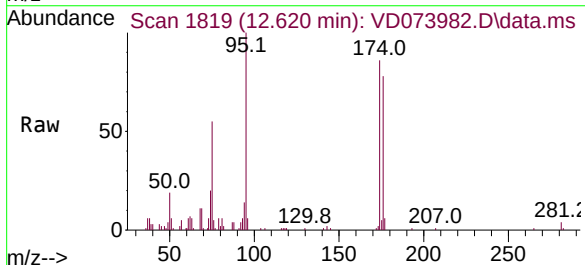
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1RE

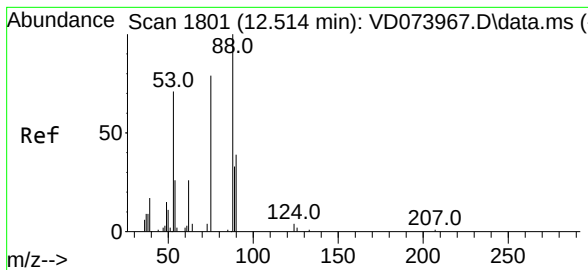
Tgt Ion:152 Resp: 39087
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.4 91.3
 150 161.4 0.0 357.2



#76
 1,2,3-Trichloropropane
 Concen: 65.545 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073982.D
 Acq: 08 Aug 2022 19:53

Tgt Ion: 75 Resp: 23608
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.556 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073982.D
 Acq: 08 Aug 2022 19:53

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1RE

Tgt Ion: 75 Resp: 23608
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.6#
 89 0.0 37.8 56.8#

