

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073984.D
 Acq On : 08 Aug 2022 20:53
 Operator : VA/SY
 Sample : N3995-03RE
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Aug 08 23:27:48 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)

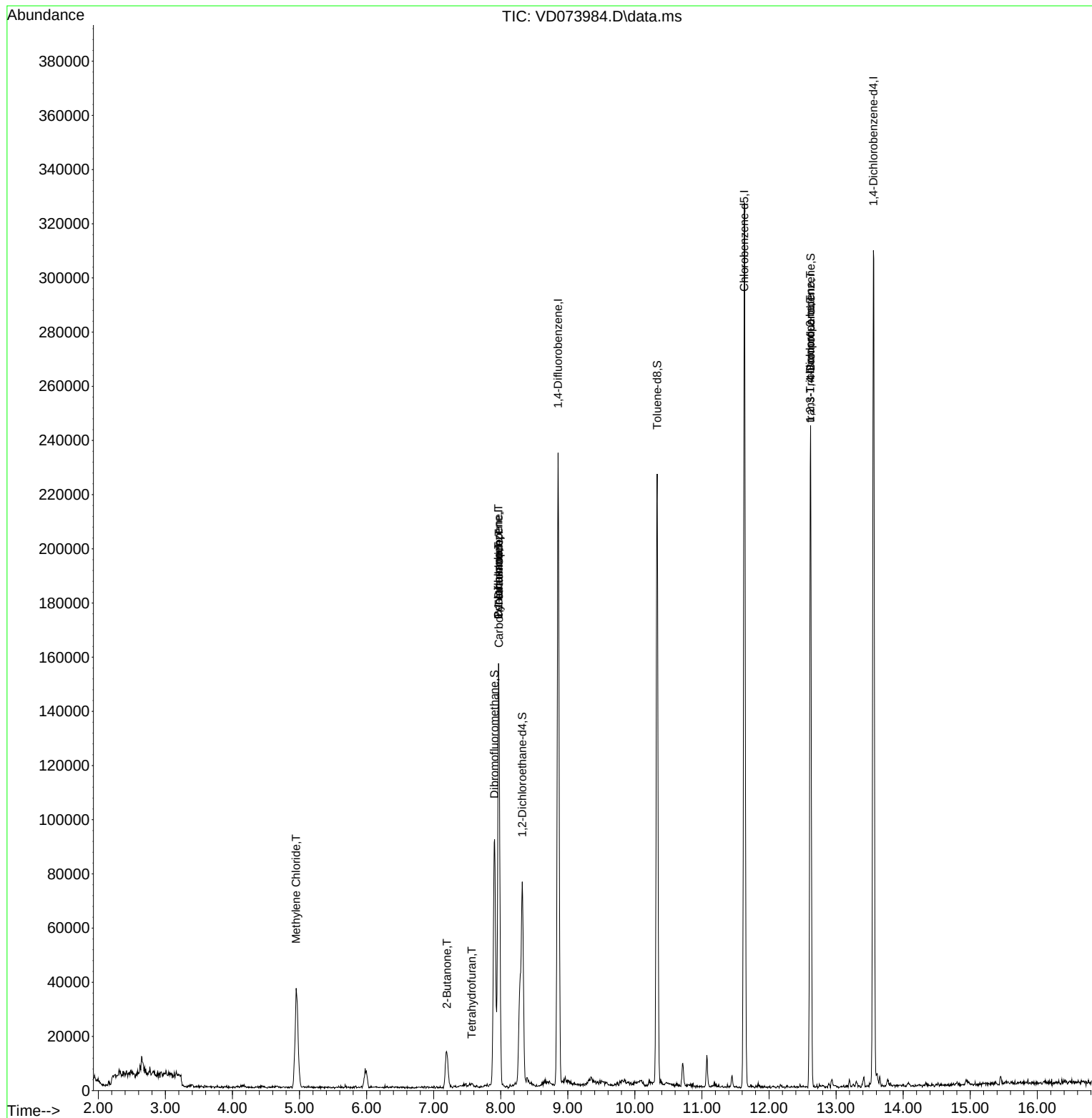
Internal Standards						
1) Pentafluorobenzene	7.967	168	106784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	190204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	181190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	82827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54859	69.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.900%	
35) Dibromofluoromethane	7.903	113	63539	54.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.332	98	155821	48.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.620	95	72713	46.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	367	Below Cal	89	
16) Acetone	4.173	43	1364	Below Cal	91	
18) Methyl Acetate	4.697	43	55	Below Cal	#	47
20) Methylene Chloride	4.950	84	27739	14.007	ug/l	# 90
25) 2-Butanone	7.197	43	2171	7.941	ug/l	# 46
29) Tetrahydrofuran	7.567	42	423	2.619	ug/l	# 52
31) Cyclohexane	7.967	56	2747	1.510	ug/l	# 27
36) 1,1-Dichloropropene	7.967	75	8913	4.818	ug/l	# 45
38) Carbon Tetrachloride	7.973	117	12228	5.935	ug/l	# 19
76) 1,2,3-Trichloropropane	12.614	75	39775	52.113	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.614	75	39775	130.835	ug/l	# 11

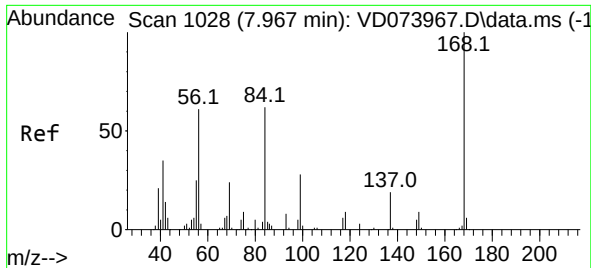
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
Data File : VD073984.D
Acq On : 08 Aug 2022 20:53
Operator : VA/SY
Sample : N3995-03RE
Misc : 5.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Quant Time: Aug 08 23:27:48 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

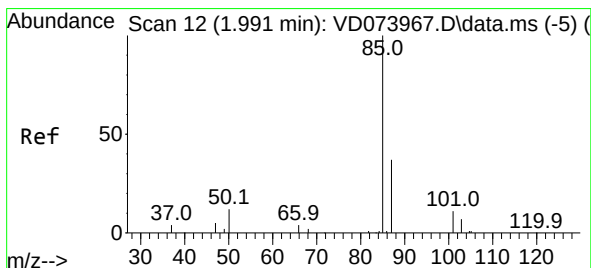
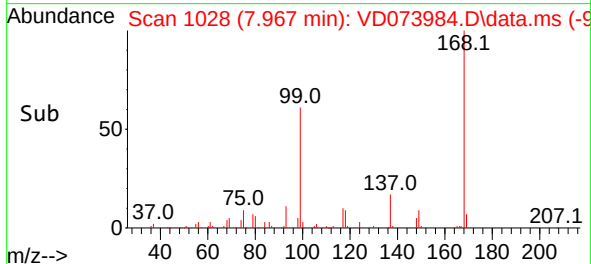
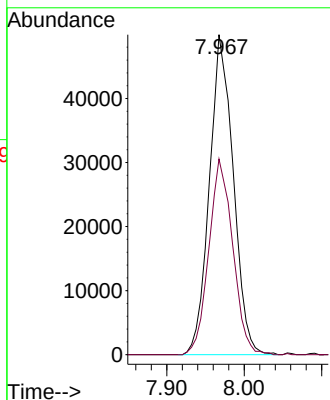
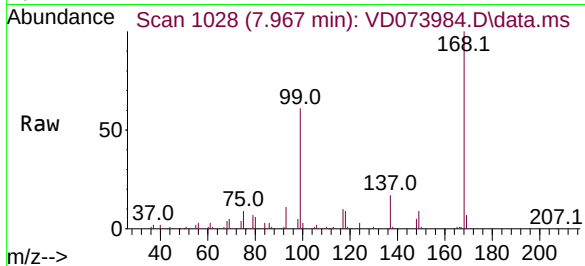




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

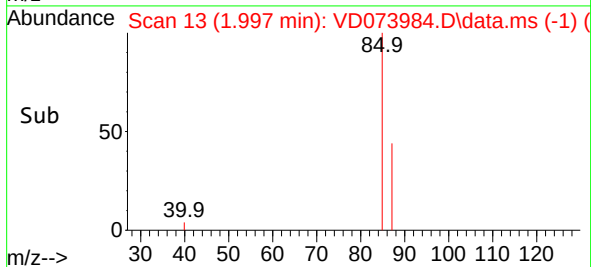
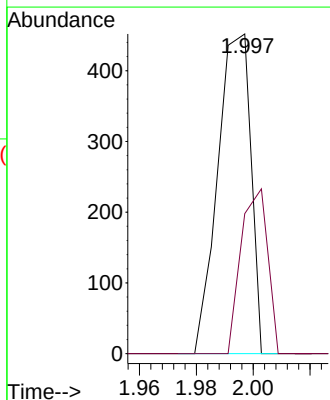
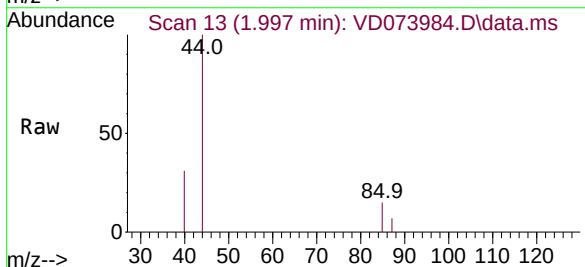
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

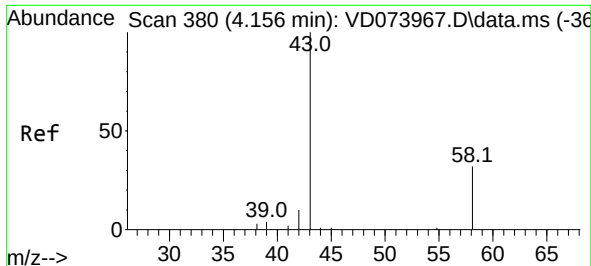
Tgt Ion:168 Resp: 106784
Ion Ratio Lower Upper
168 100
99 61.2 46.2 69.4



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 85 Resp: 367
Ion Ratio Lower Upper
85 100
87 43.8 18.7 56.1

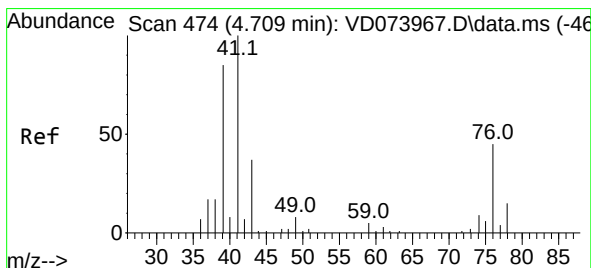
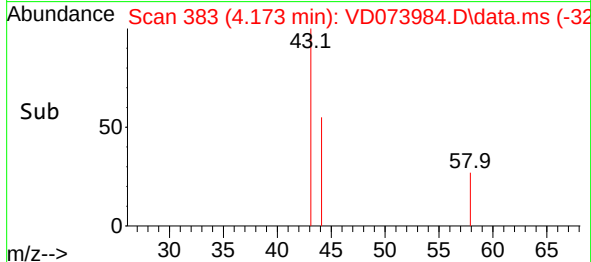
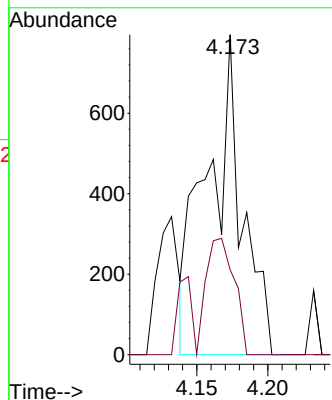
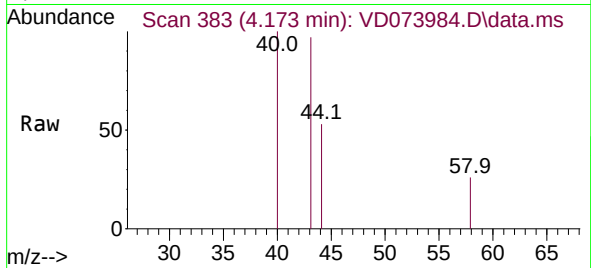




#16
Acetone
Concen: Below Cal
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

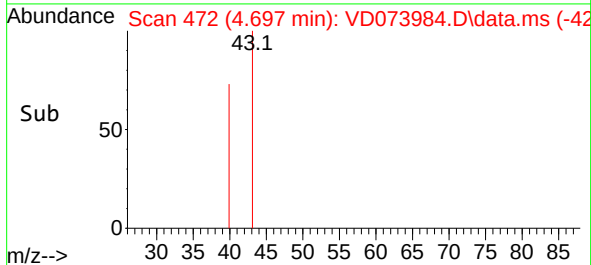
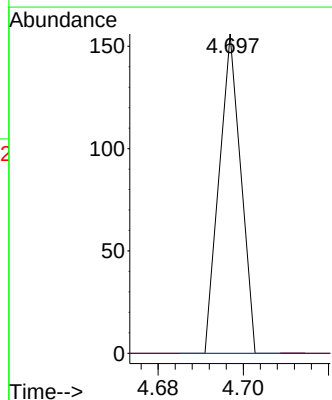
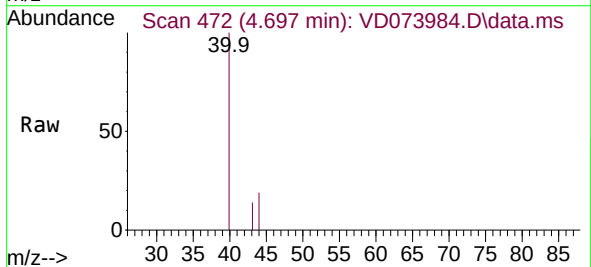
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

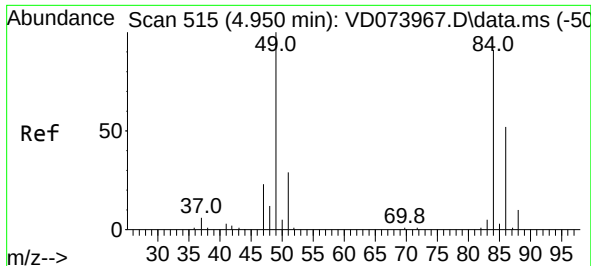
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 26.5 25.4 38.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.697 min Scan# 472
Delta R.T. -0.012 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#

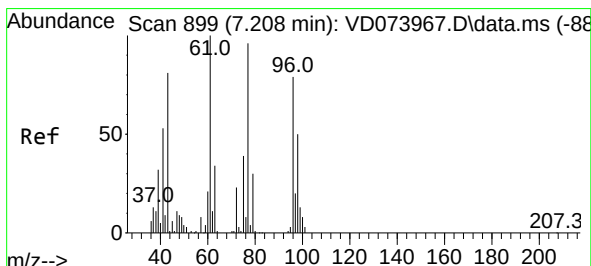
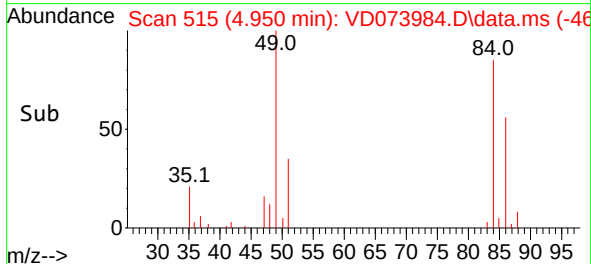
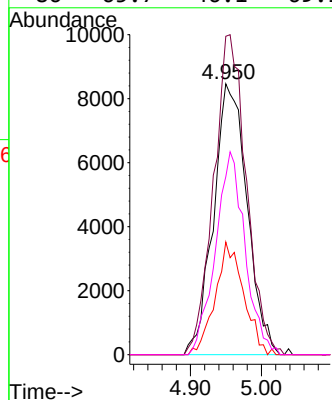
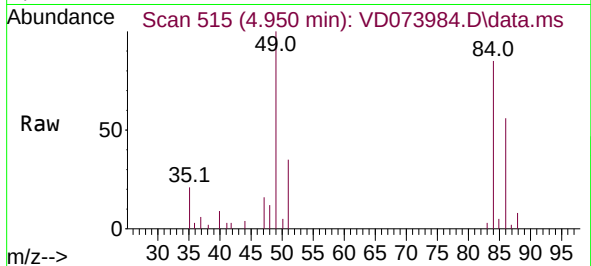




#20
Methylene Chloride
Concen: 14.007 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

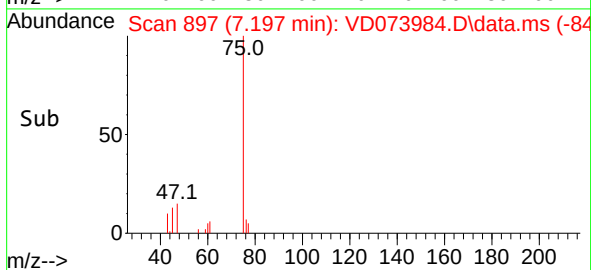
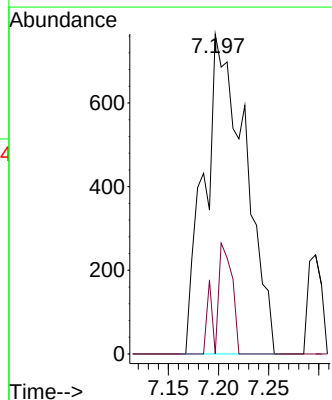
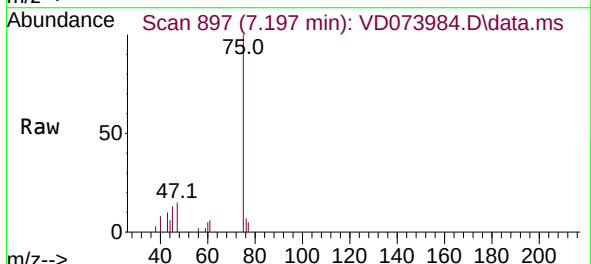
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

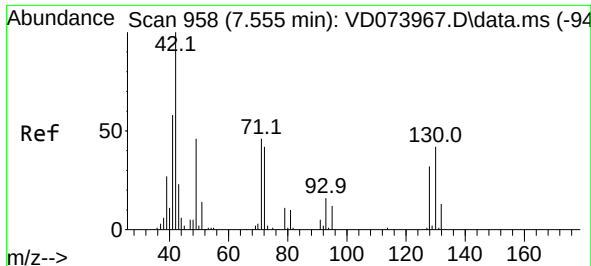
Tgt Ion: 84	Resp: 27739
Ion Ratio	Lower Upper
84 100	
49 117.6	87.9 131.9
51 41.6	25.7 38.5#
86 65.7	46.1 69.1



#25
2-Butanone
Concen: 7.941 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 43	Resp: 2171		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	22.8	34.2#	





#29

Tetrahydrofuran

Concen: 2.619 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

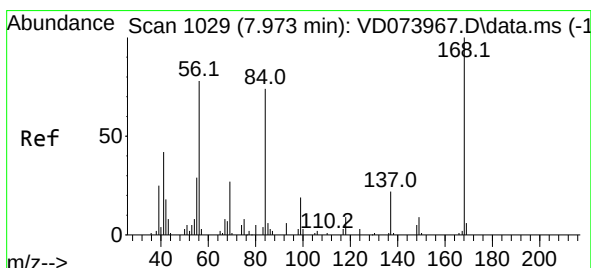
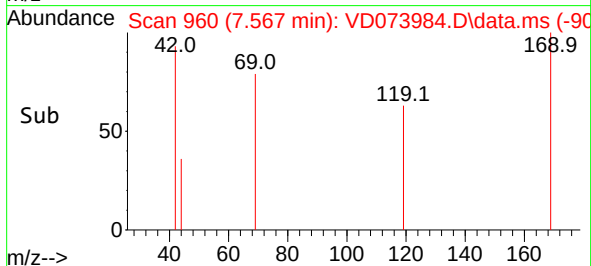
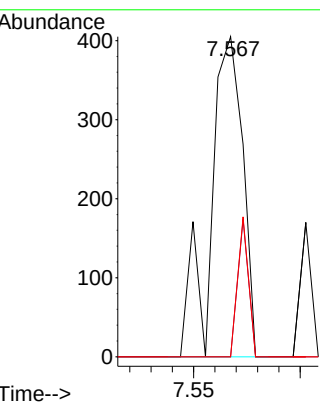
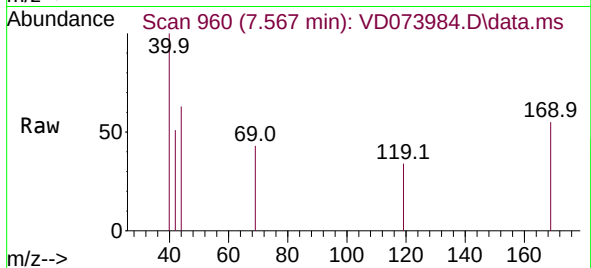
Tgt Ion: 42 Resp: 423

Ion Ratio Lower Upper

42 100

72 14.4 37.0 55.6#

71 14.7 36.9 55.3#



#31

Cyclohexane

Concen: 1.510 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

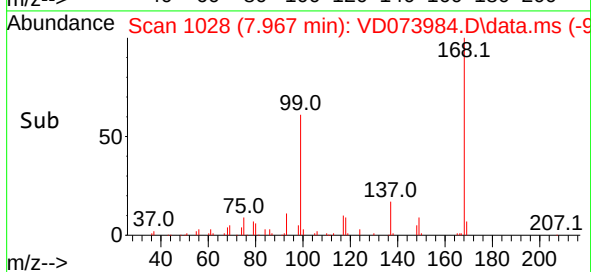
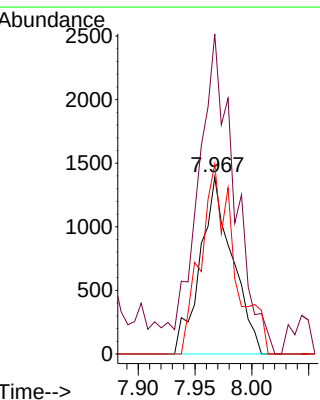
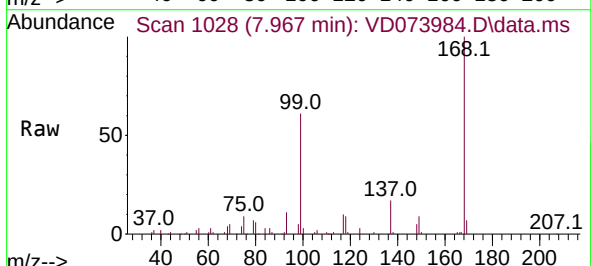
Tgt Ion: 56 Resp: 2747

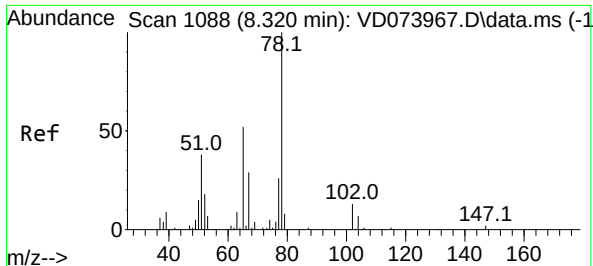
Ion Ratio Lower Upper

56 100

69 169.3 27.6 41.4#

84 107.4 75.4 113.0





#33

1,2-Dichloroethane-d4

Concen: 69.449 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

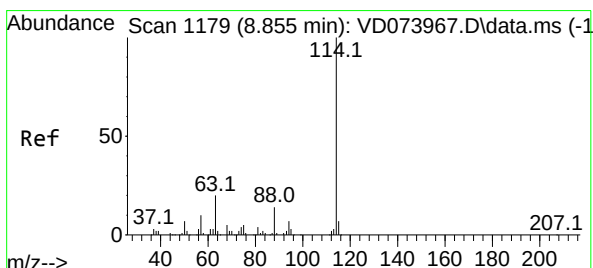
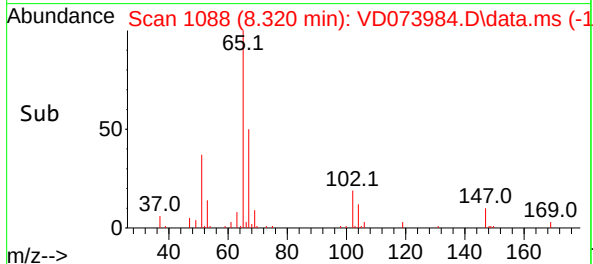
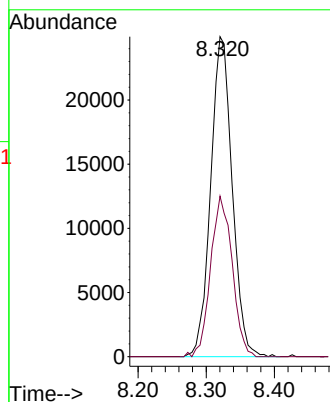
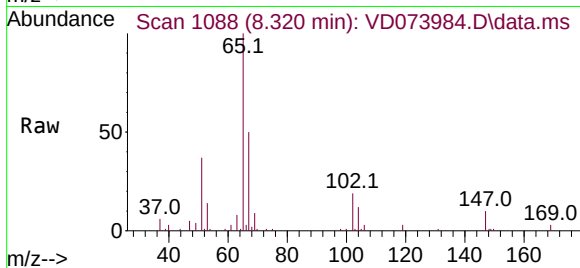
COMP-3

Tgt Ion: 65 Resp: 54859

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: VD073984.D

Acq: 08 Aug 2022 20:53

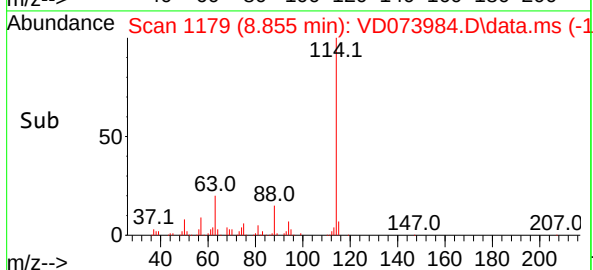
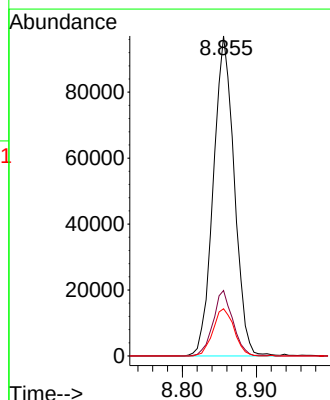
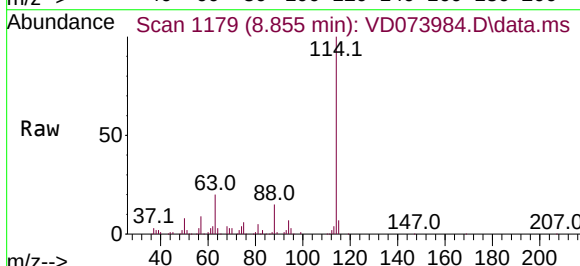
Tgt Ion: 114 Resp: 190204

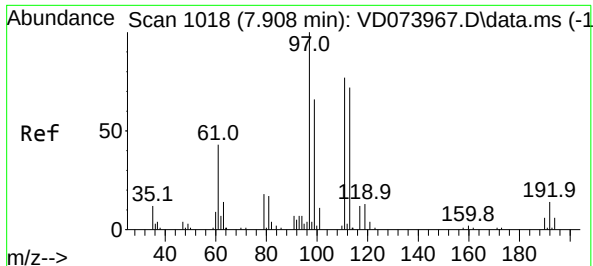
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 14.7 0.0 28.0





#35

Dibromofluoromethane

Concen: 54.223 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

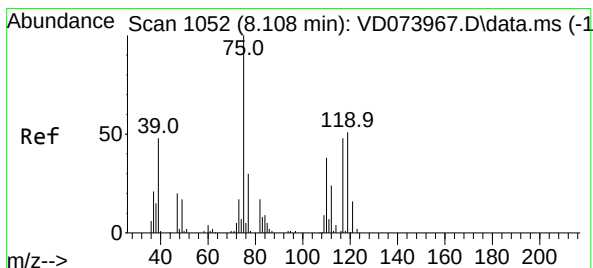
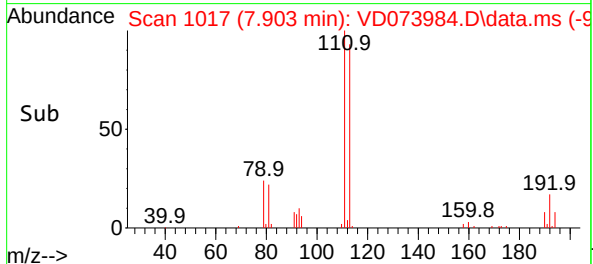
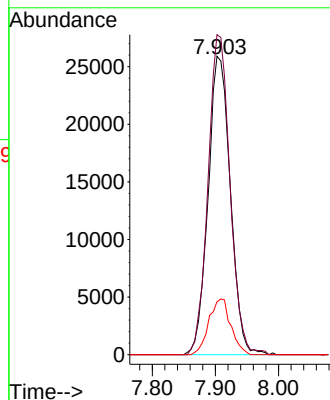
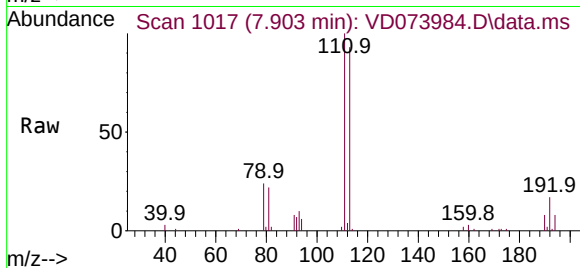
Tgt Ion:113 Resp: 63539

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

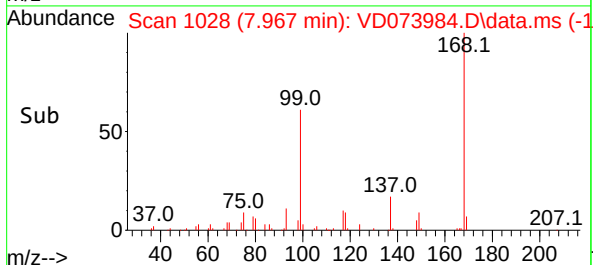
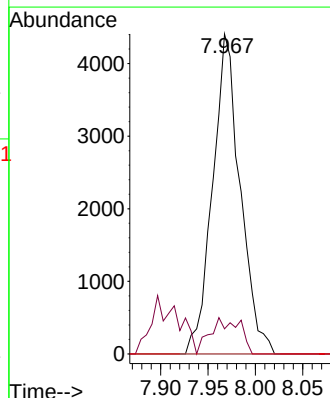
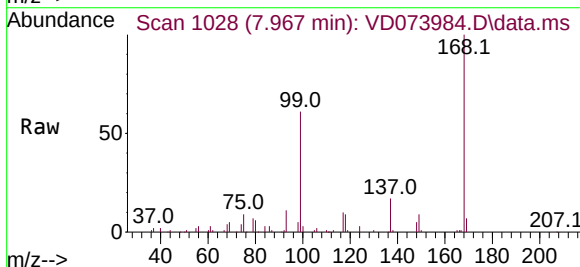
Tgt Ion: 75 Resp: 8913

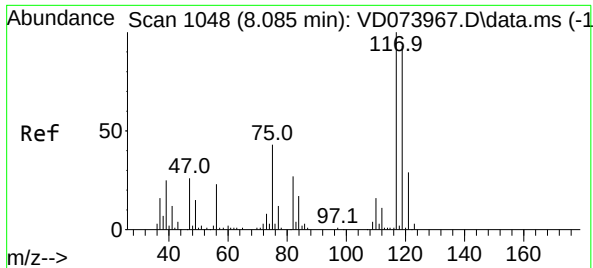
Ion Ratio Lower Upper

75 100

110 6.4 18.9 56.7#

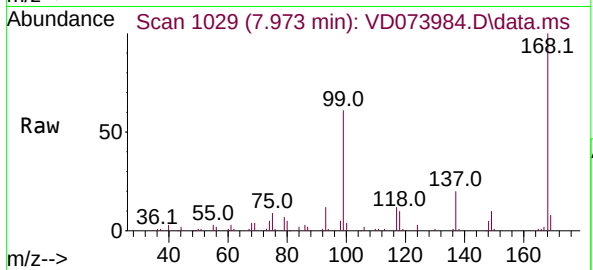
77 0.0 25.5 38.3#



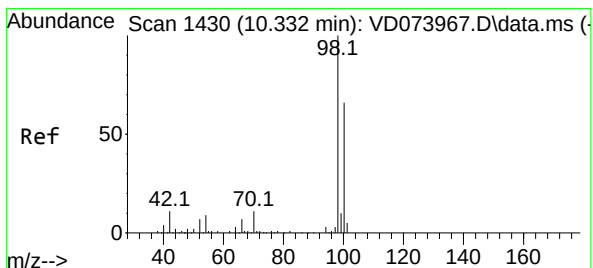
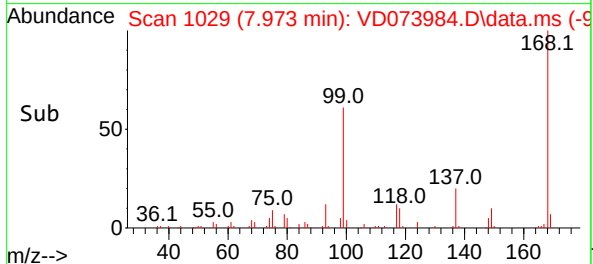
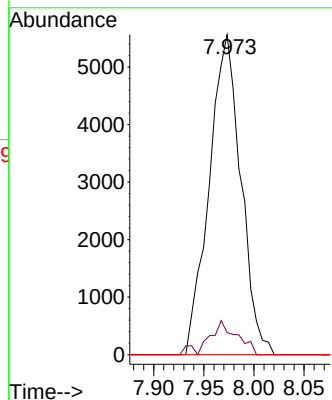


#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

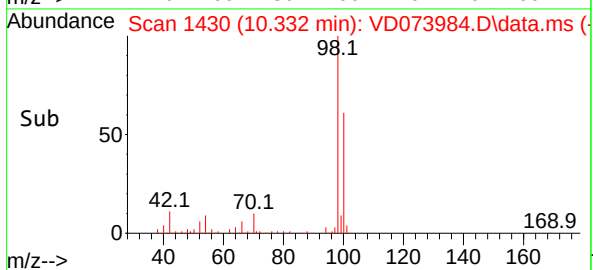
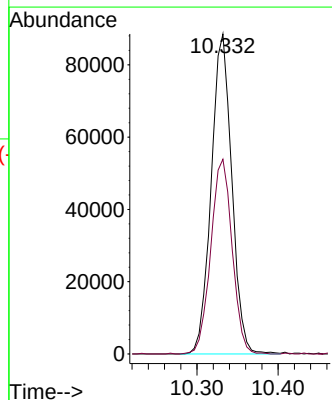
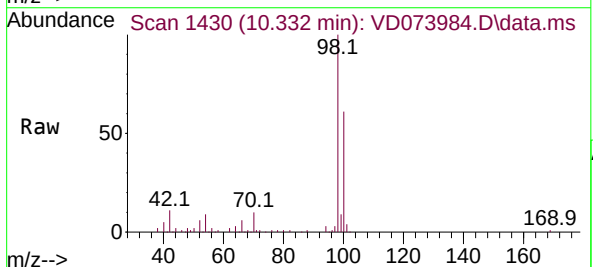


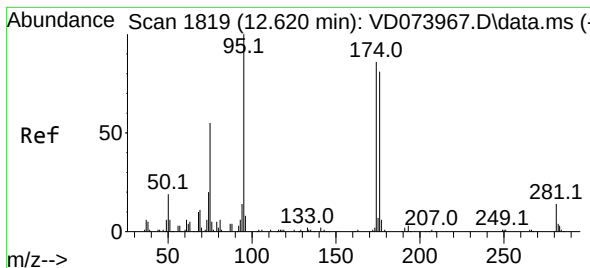
Tgt Ion:117 Resp: 12228
Ion Ratio Lower Upper
117 100
119 6.9 74.7 112.1#
121 0.0 23.4 35.0#



#50
Toluene-d8
Concen: 48.161 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 98 Resp: 155821
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6

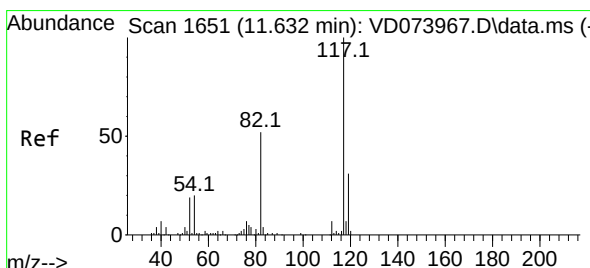
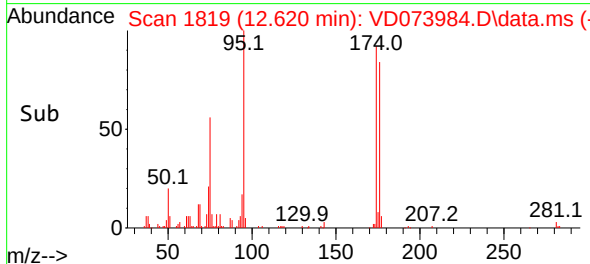
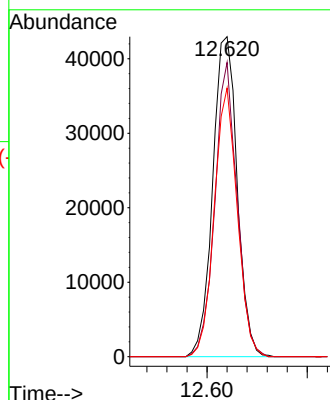
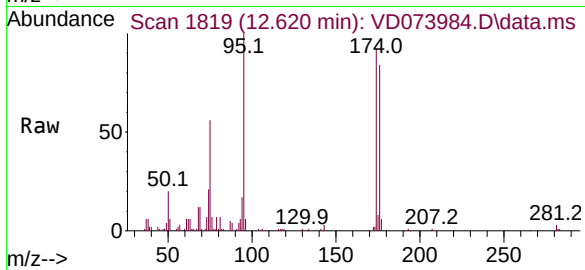




#62
4-Bromofluorobenzene
Concen: 46.560 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

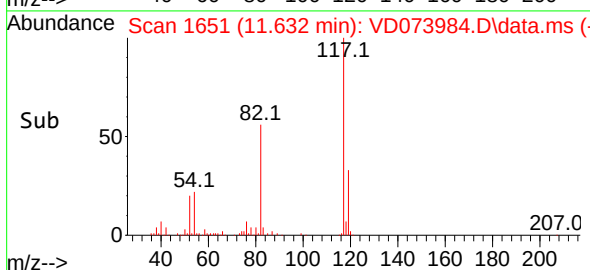
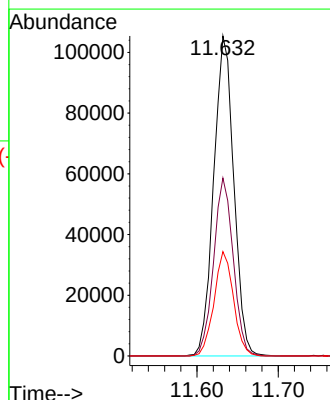
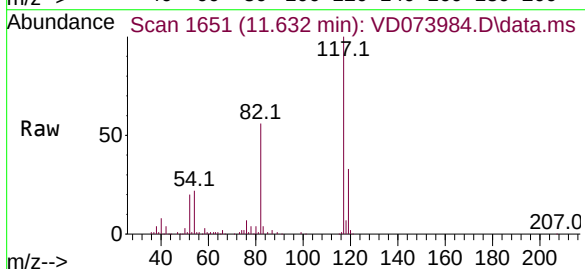
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

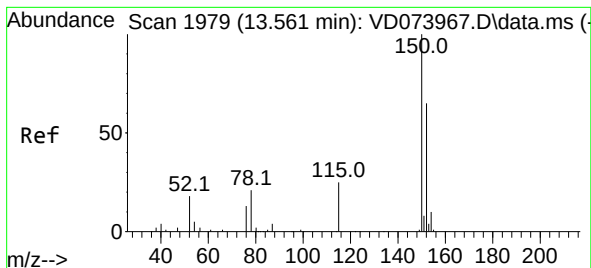
Tgt Ion: 95 Resp: 72713
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 79.1 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073984.D
Acq: 08 Aug 2022 20:53

Tgt Ion: 117 Resp: 181190
Ion Ratio Lower Upper
117 100
82 55.6 42.0 63.0
119 32.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD073984.D

Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

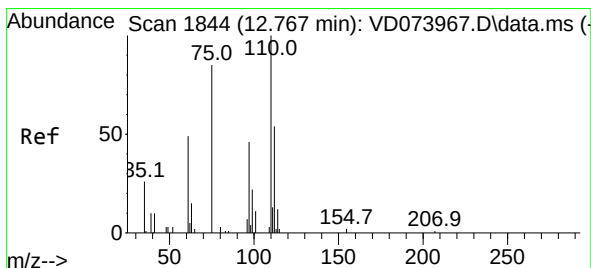
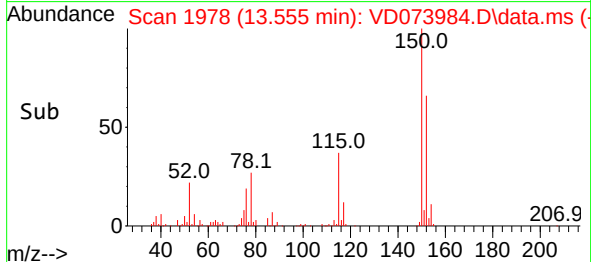
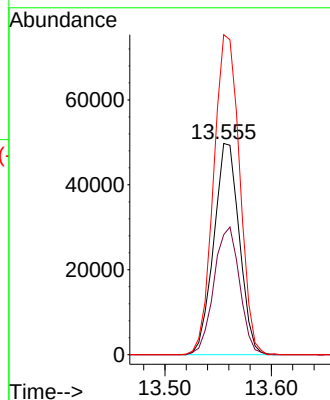
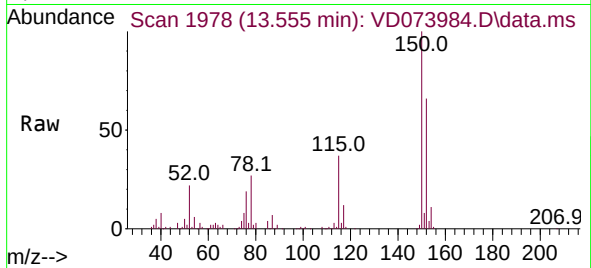
Tgt Ion:152 Resp: 82827

Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 154.2 0.0 357.2



#76

1,2,3-Trichloropropane

Concen: 52.113 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. -0.153 min

Lab File: VD073984.D

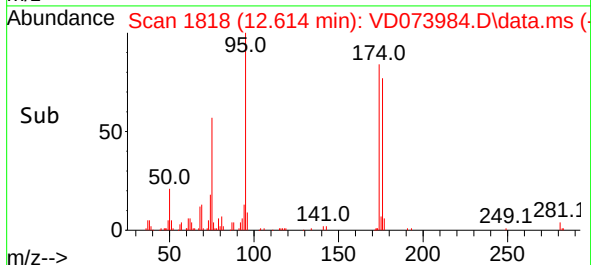
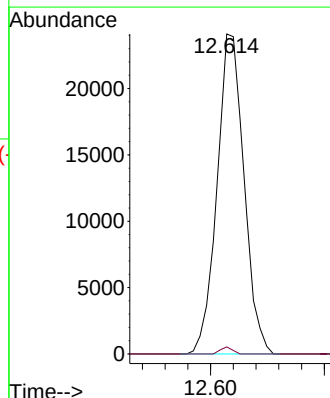
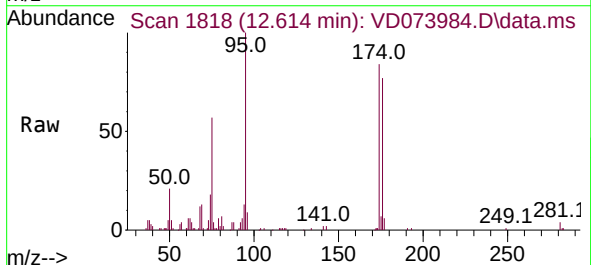
Acq: 08 Aug 2022 20:53

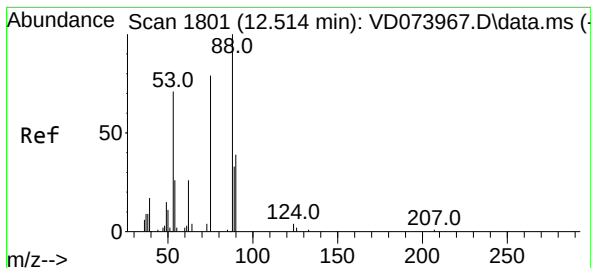
Tgt Ion: 75 Resp: 39775

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 130.835 ug/l

RT: 12.614 min Scan# 11

Delta R.T. 0.100 min

Lab File: VD073984.D

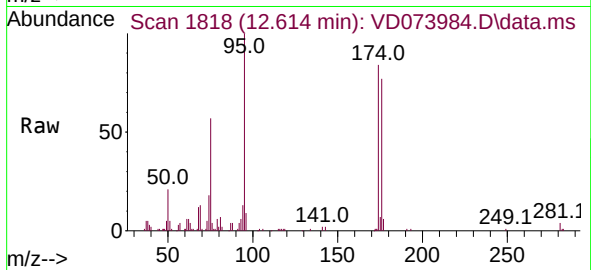
Acq: 08 Aug 2022 20:53

Instrument :

MSVOA_D

ClientSampleId :

COMP-3



Tgt Ion: 75 Resp: 39775

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 37.8 56.8#

