

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074010.D
 Acq On : 10 Aug 2022 02:24
 Operator : VA/SY
 Sample : N4046-13
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 04:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

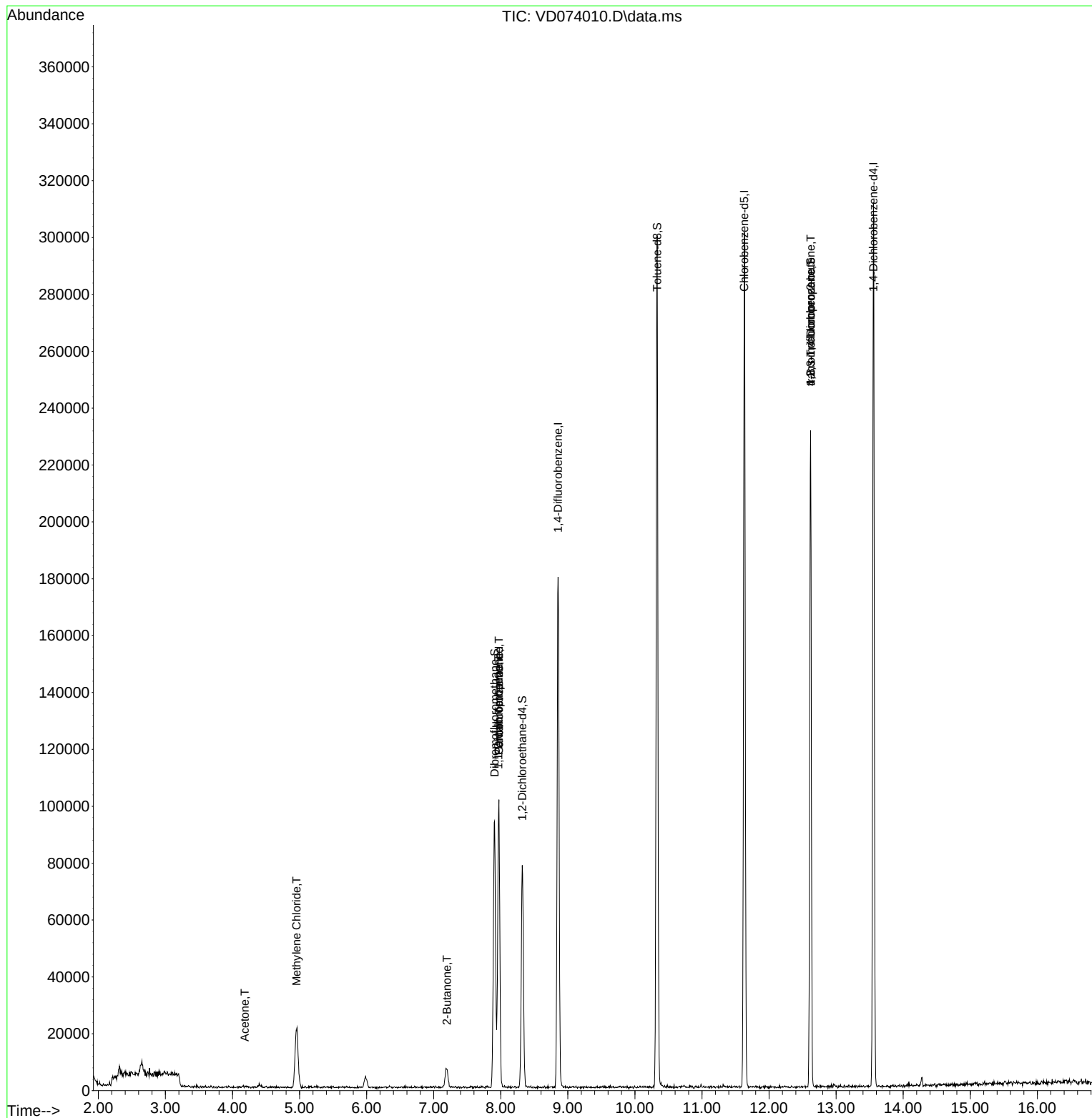
Internal Standards						
1) Pentafluorobenzene	7.973	168	69176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	153222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	170169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	79208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	61743	100.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.340%#	
35) Dibromofluoromethane	7.908	113	64636	69.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.120%	
50) Toluene-d8	10.332	98	203436	73.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 147.160%#	
62) 4-Bromofluorobenzene	12.620	95	73489	61.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	345	Below Cal	#	40
5) Bromomethane	2.768	94	624	Below Cal	#	69
11) Tert butyl alcohol	5.209	59	388	Below Cal	#	74
16) Acetone	4.185	43	171	1.337	ug/l #	46
17) Carbon Disulfide	4.397	76	2167	Below Cal	#	73
18) Methyl Acetate	4.867	43	54	Below Cal	#	49
20) Methylene Chloride	4.956	84	16418	15.035	ug/l	96
25) 2-Butanone	7.197	43	279	1.439	ug/l #	46
31) Cyclohexane	7.973	56	1824	Below Cal	#	51
36) 1,1-Dichloropropene	7.967	75	5969	4.531	ug/l #	48
38) Carbon Tetrachloride	7.973	117	7997	5.156	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	38970	64.911	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	38970	139.512	ug/l #	13

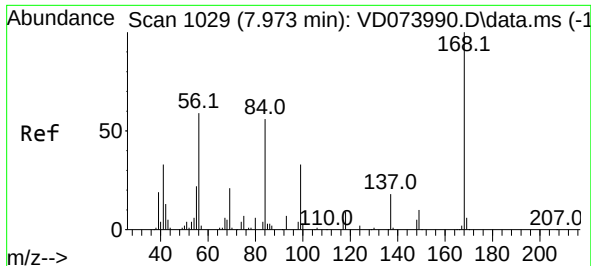
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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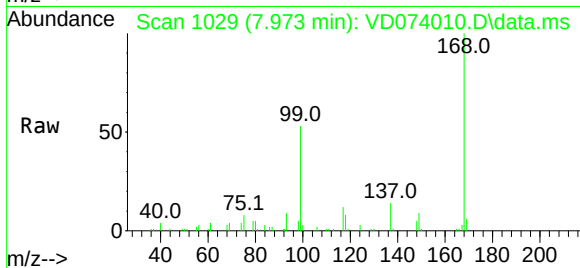
Quant Time: Aug 10 04:48:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 01:05:43 2022
Response via : Initial Calibration



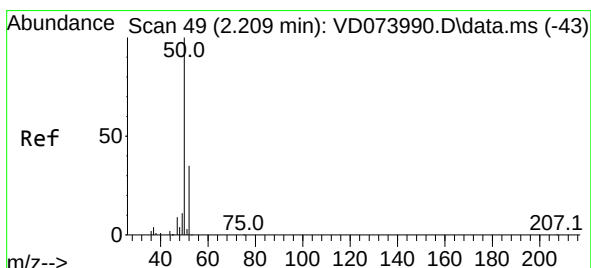
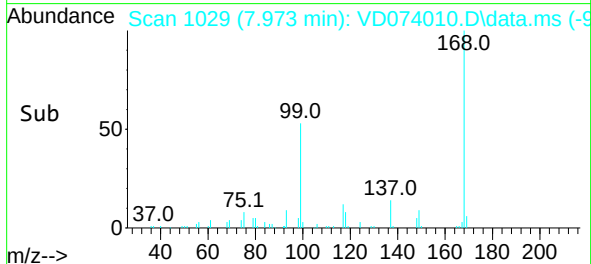
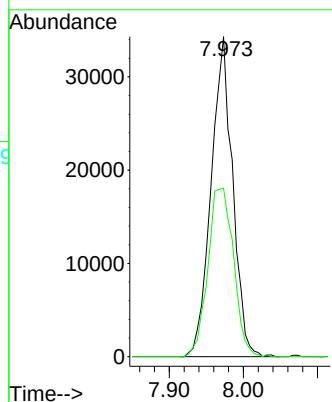


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Instrument :
MSVOA_D
ClientSampleId :

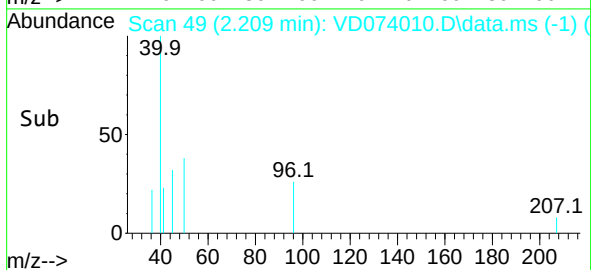
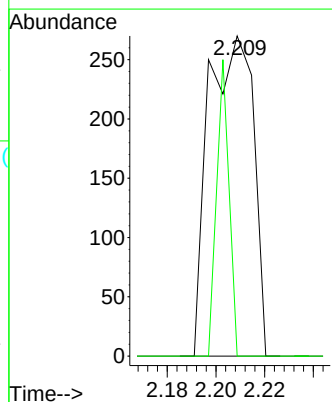
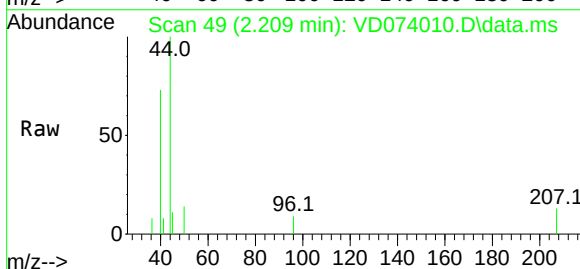


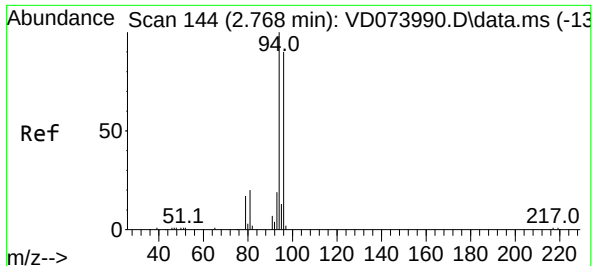
Tgt Ion:168 Resp: 69176
Ion Ratio Lower Upper
168 100
99 52.6 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

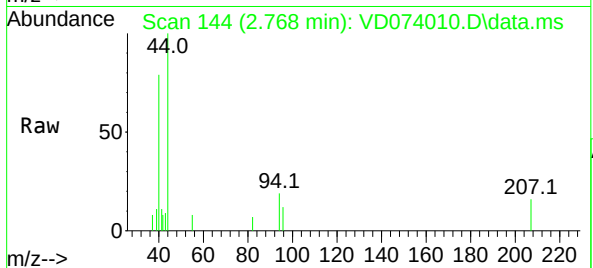
Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#



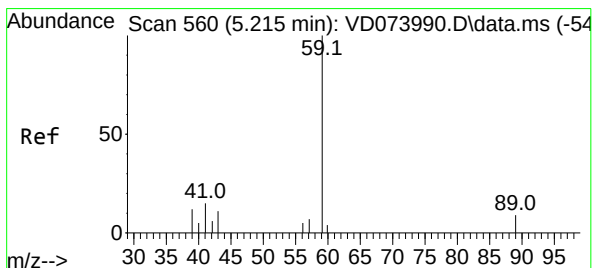
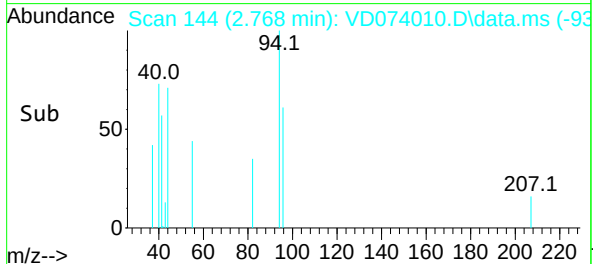
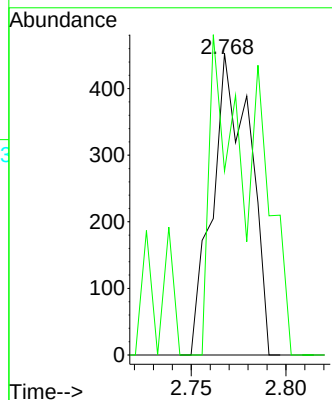


#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Instrument :
MSVOA_D
ClientSampleId :

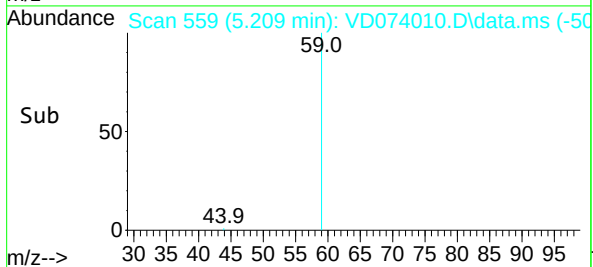
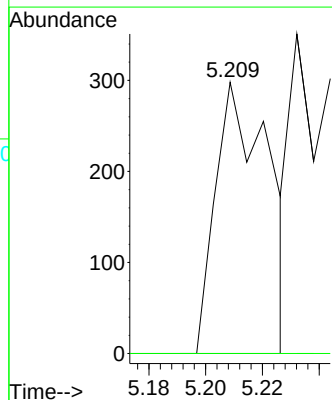
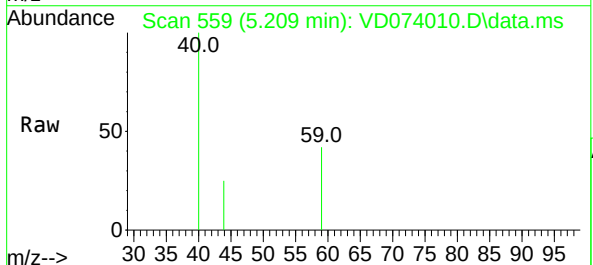


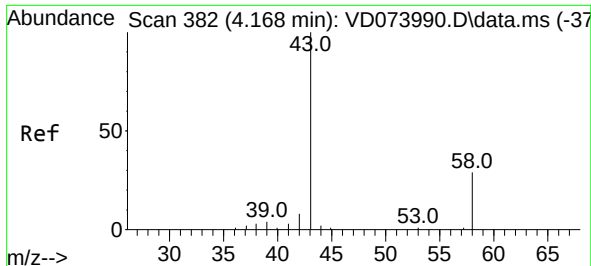
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 60.9 72.0 108.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.006 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Tgt Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

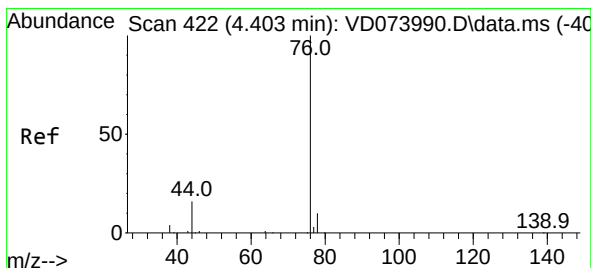
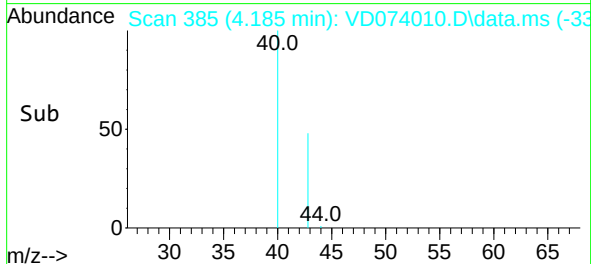
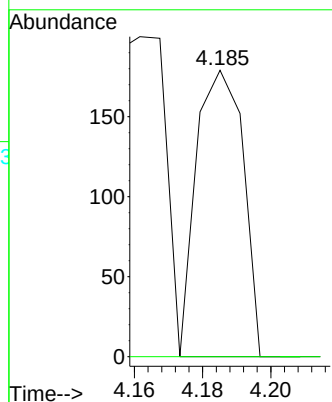
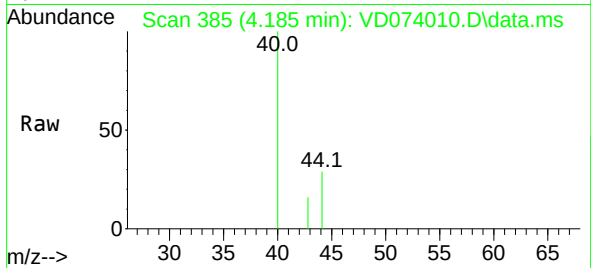




#16
Acetone
Concen: 1.337 ug/l
RT: 4.185 min Scan# 31
Delta R.T. 0.017 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

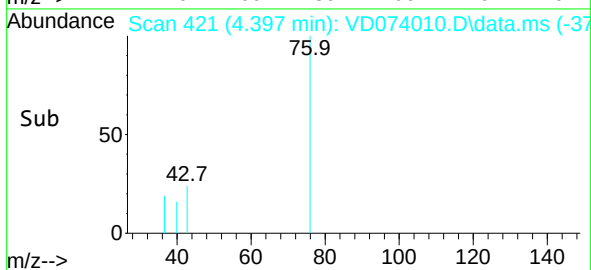
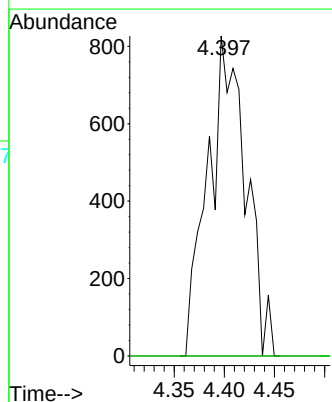
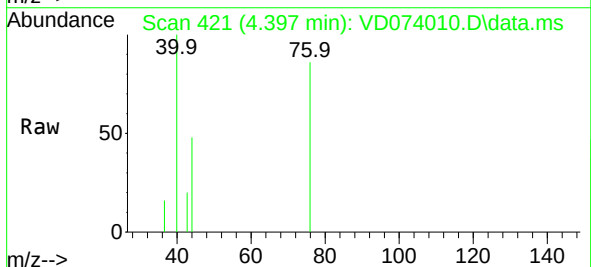
Instrument :
MSVOA_D
ClientSampleId :

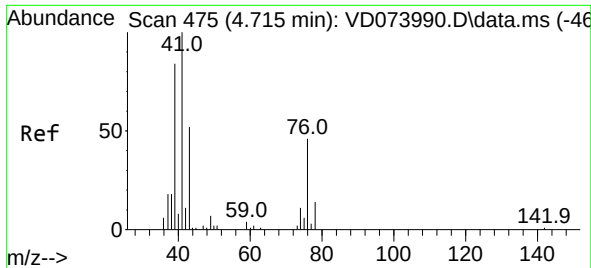
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

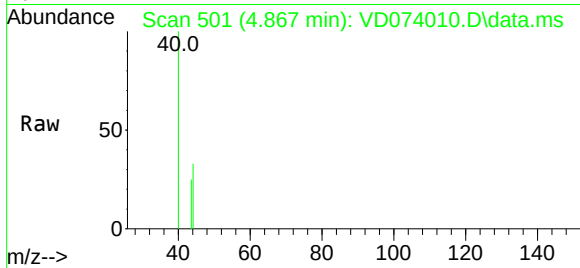
Tgt Ion: 76 Resp: 2167
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#



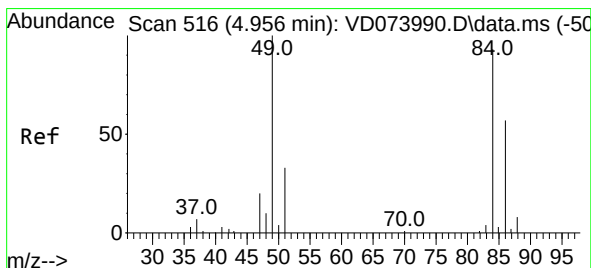
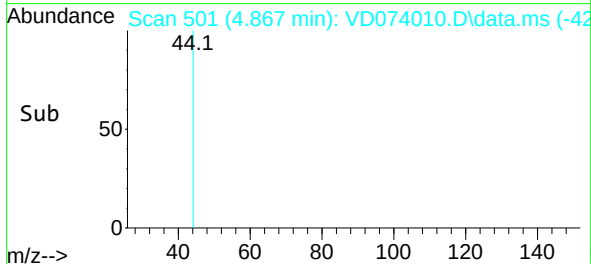
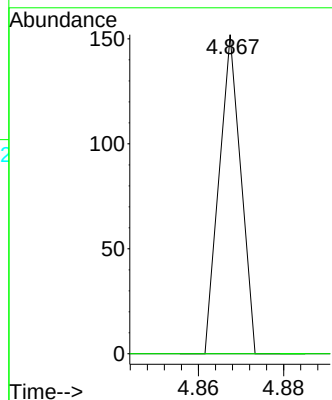


#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 501
Delta R.T. 0.152 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Instrument :
MSVOA_D
ClientSampleId :

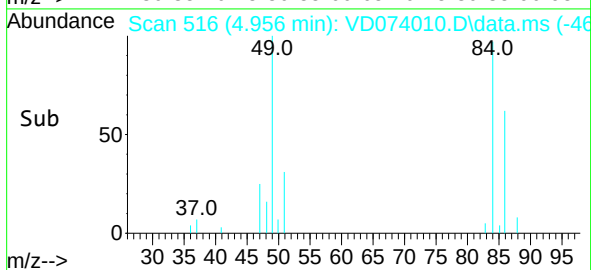
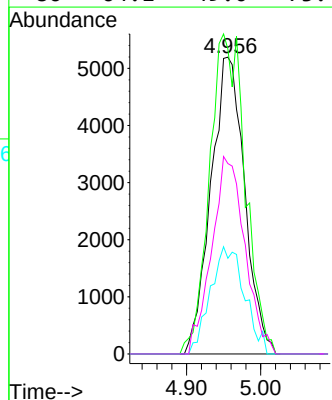
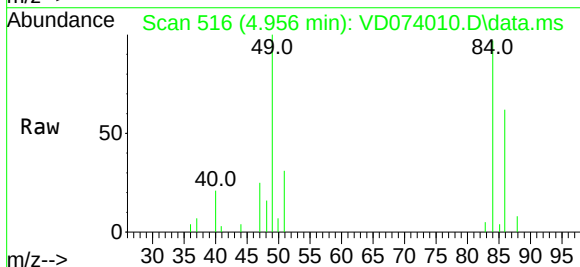


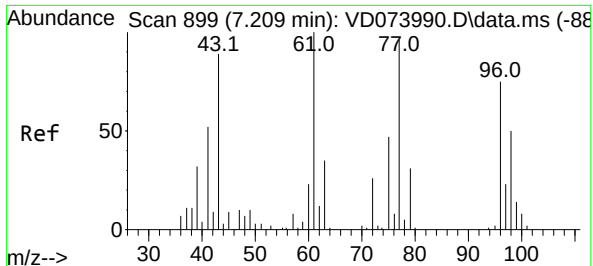
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: 15.035 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Tgt Ion: 84 Resp: 16418
Ion Ratio Lower Upper
84 100
49 102.8 85.8 128.6
51 32.2 28.0 42.0
86 64.1 49.0 73.4





#25

2-Butanone

Concen: 1.439 ug/l

RT: 7.197 min Scan# 899

Delta R.T. -0.012 min

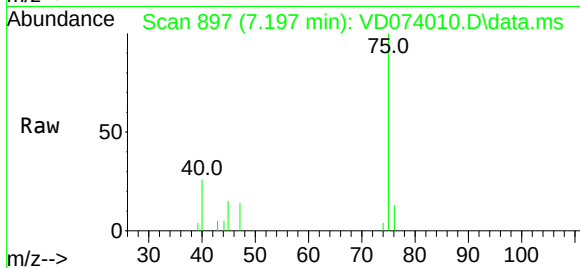
Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

Instrument :

MSVOA_D

ClientSampleId :

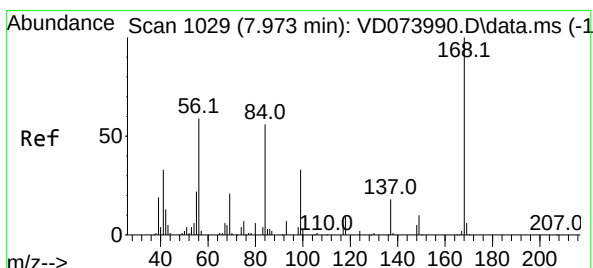
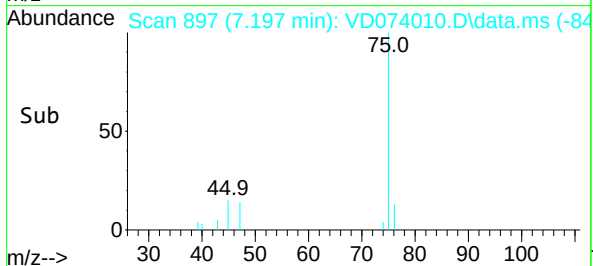
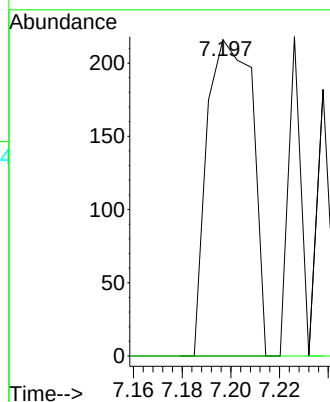


Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#31

Cyclohexane

Concen: Below Cal

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

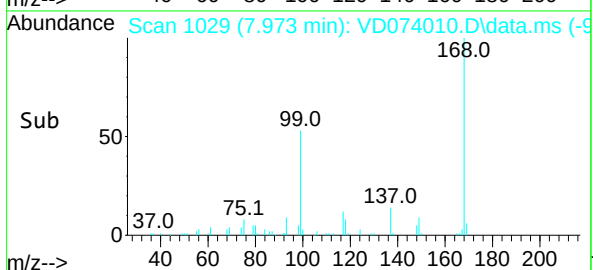
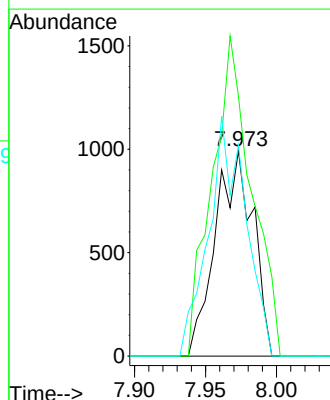
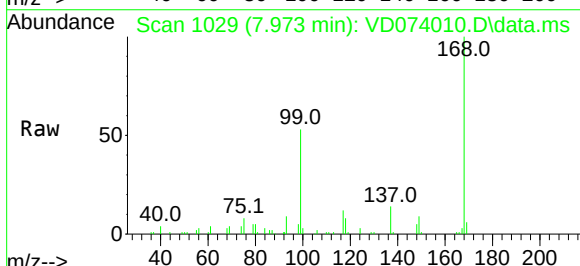
Tgt Ion: 56 Resp: 1824

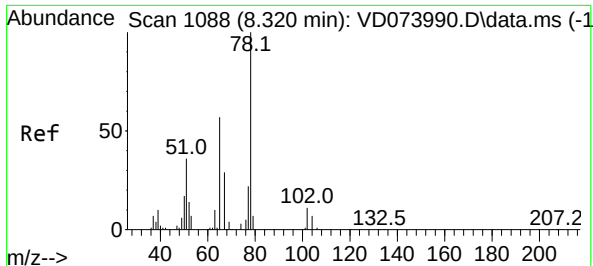
Ion Ratio Lower Upper

56 100

69 126.7 27.9 41.9#

84 102.9 75.8 113.6





#33

1,2-Dichloroethane-d4

Concen: 100.673 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

Instrument :

MSVOA_D

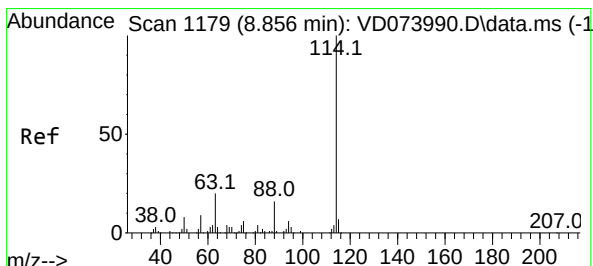
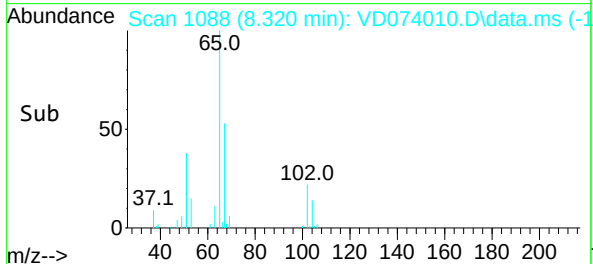
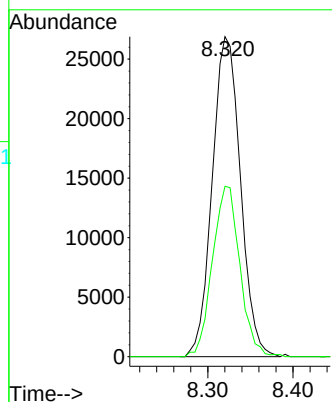
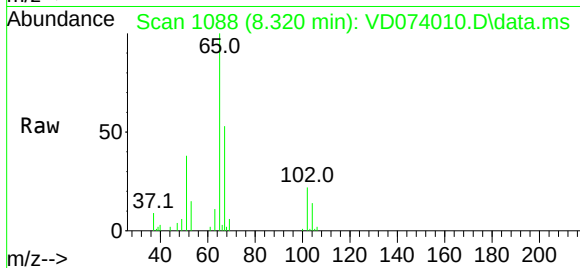
ClientSampleId :

Tgt Ion: 65 Resp: 61743

Ion Ratio Lower Upper

65 100

67 51.8 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

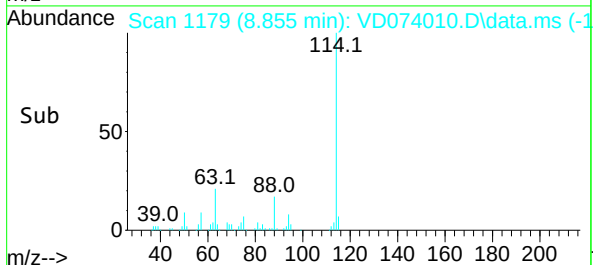
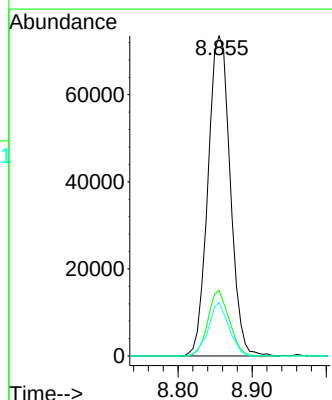
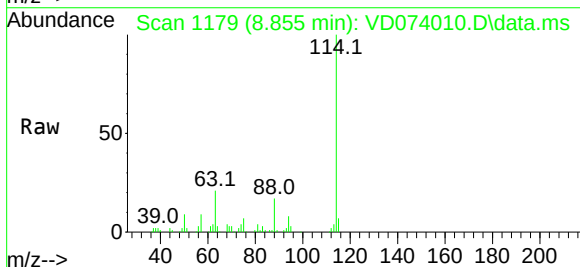
Tgt Ion: 114 Resp: 153222

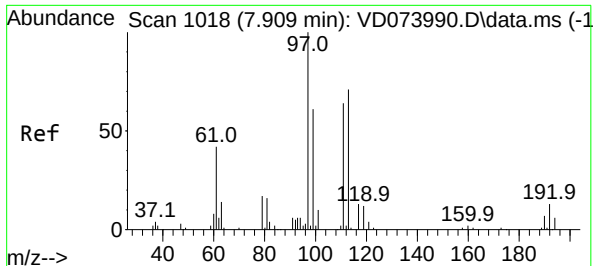
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 69.056 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

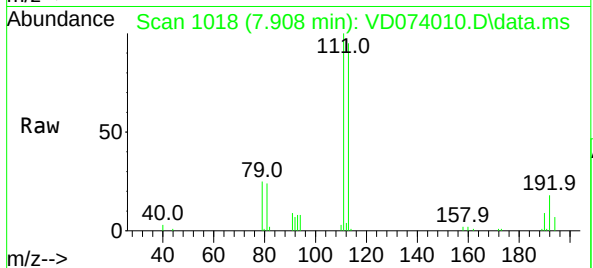
Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

Instrument :

MSVOA_D

ClientSampleId :



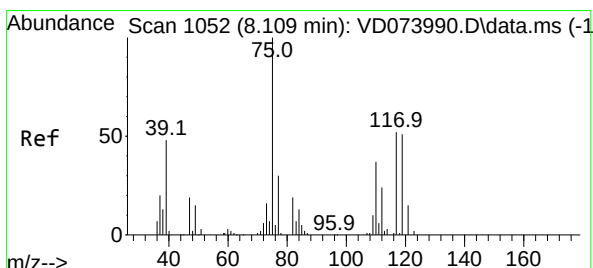
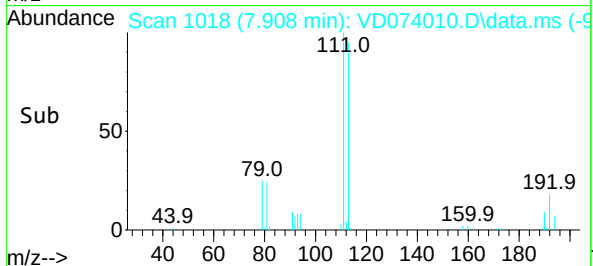
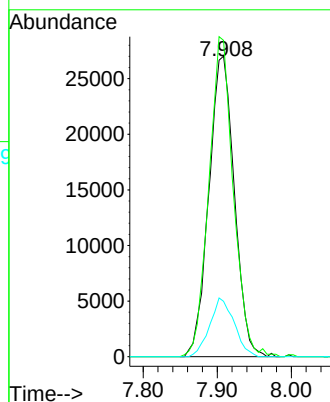
Tgt Ion:113 Resp: 64636

Ion Ratio Lower Upper

113 100

111 101.9 80.0 120.0

192 18.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.531 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

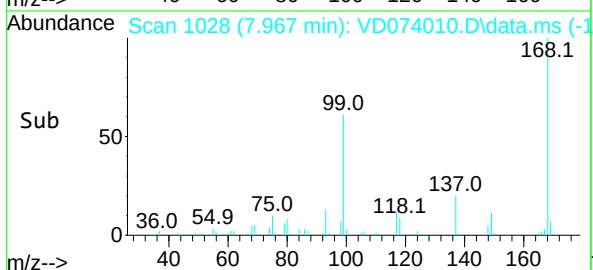
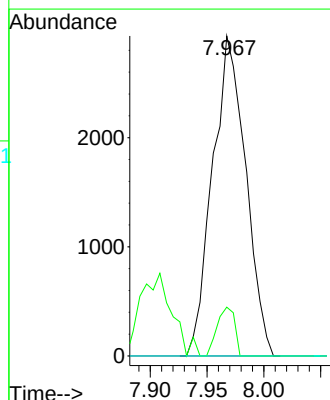
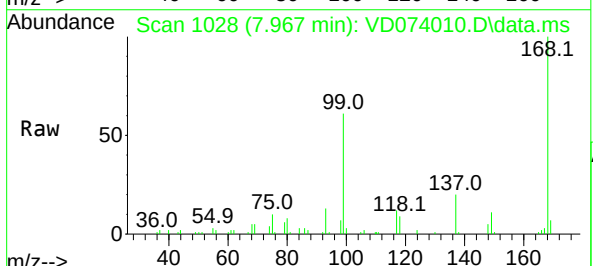
Tgt Ion: 75 Resp: 5969

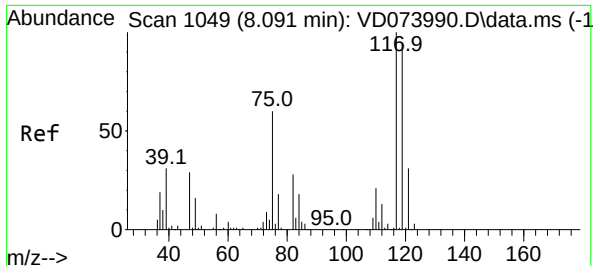
Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.4#

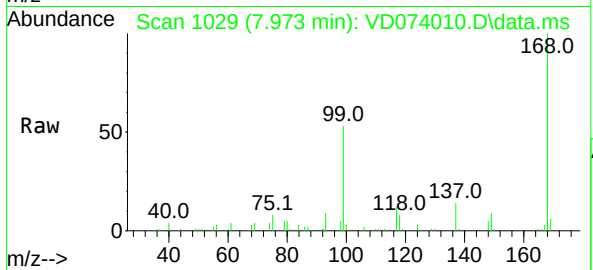
77 0.0 24.6 36.8#



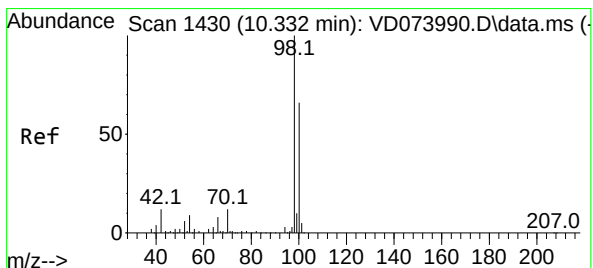
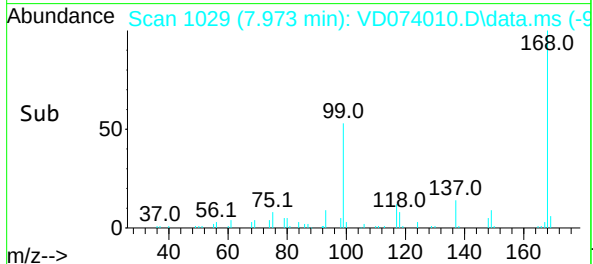
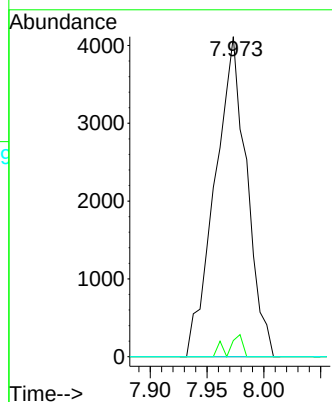


#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Instrument :
MSVOA_D
ClientSampleId :

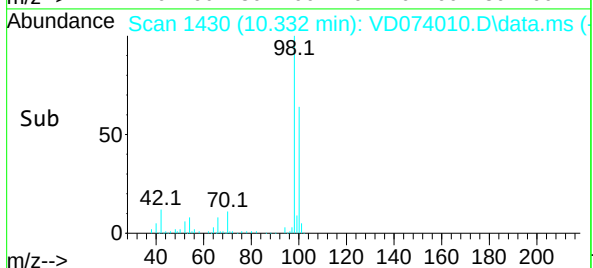
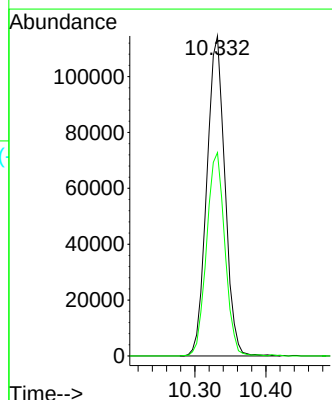
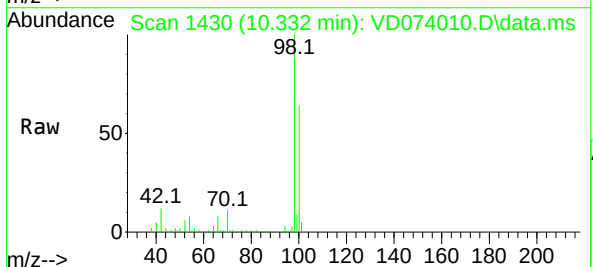


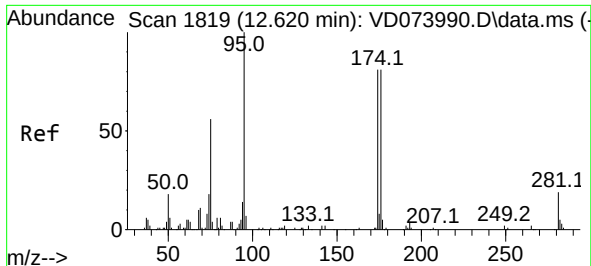
Tgt Ion:117 Resp: 7997
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 73.577 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Tgt Ion: 98 Resp: 203436
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9

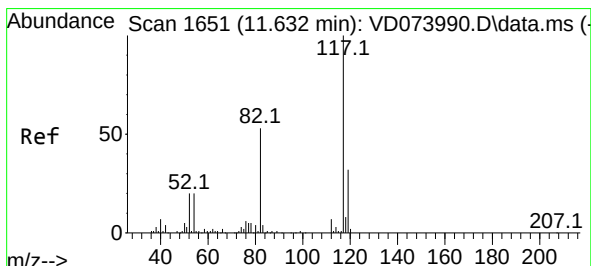
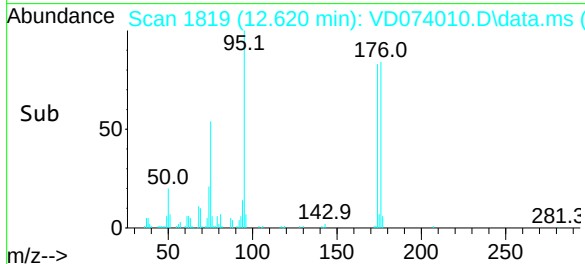
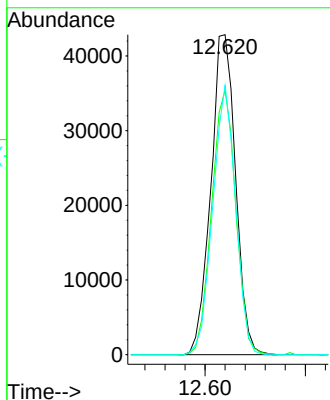
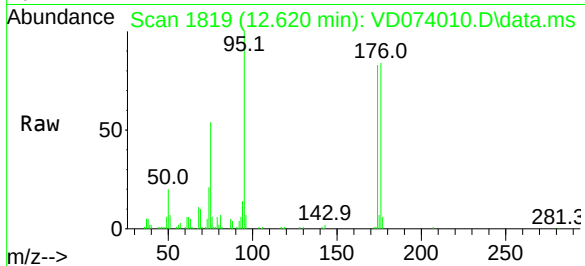




#62
4-Bromofluorobenzene
Concen: 61.844 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

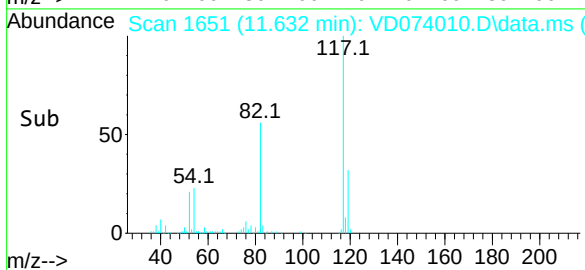
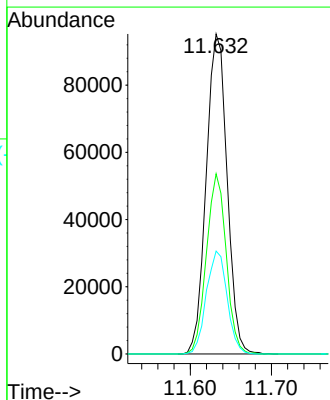
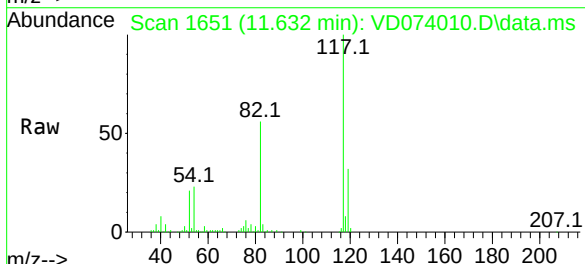
Instrument :
MSVOA_D
ClientSampleId :

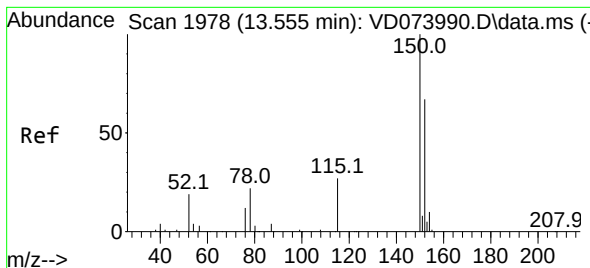
Tgt Ion: 95 Resp: 73489
Ion Ratio Lower Upper
95 100
174 80.6 0.0 162.6
176 77.7 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074010.D
Acq: 10 Aug 2022 02:24

Tgt Ion: 117 Resp: 170169
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.000 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

Instrument :

MSVOA_D

ClientSampleId :

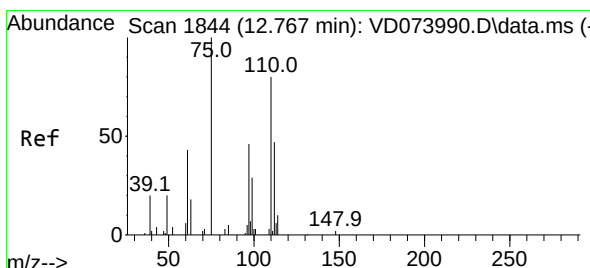
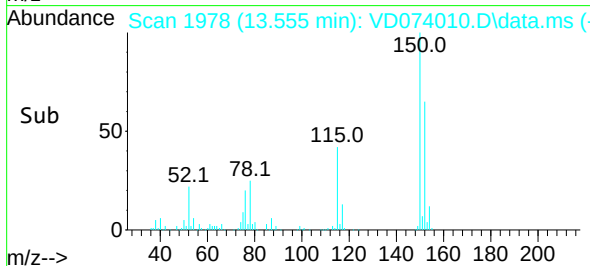
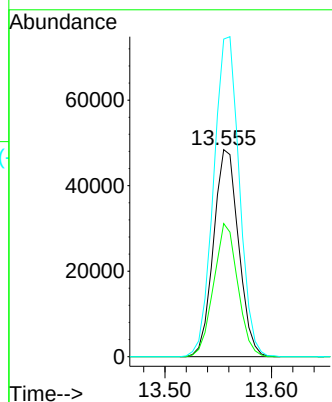
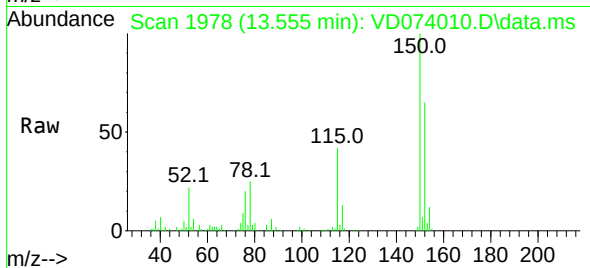
Tgt Ion:152 Resp: 79208

Ion Ratio Lower Upper

152 100

115 61.9 29.9 89.8

150 158.1 0.0 342.8



#76

1,2,3-Trichloropropane

Concen: 64.911 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD074010.D

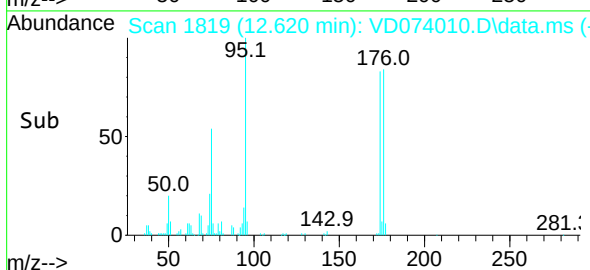
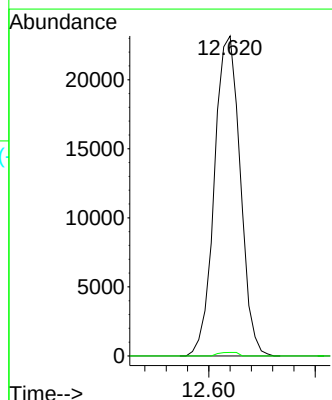
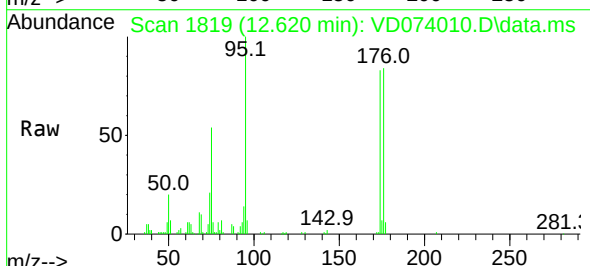
Acq: 10 Aug 2022 02:24

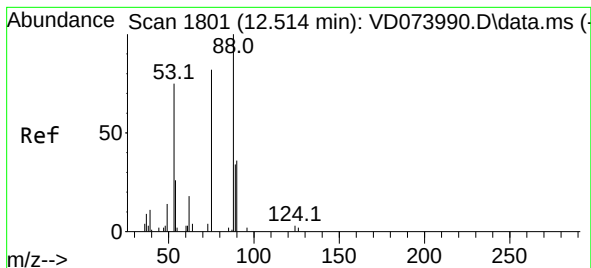
Tgt Ion: 75 Resp: 38970

Ion Ratio Lower Upper

75 100

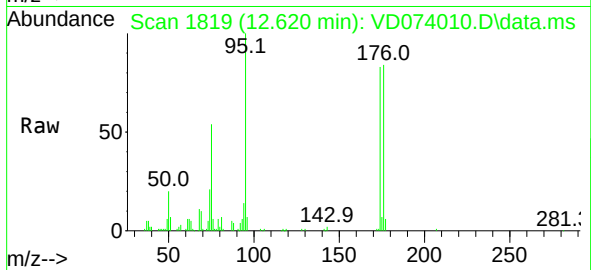
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.512 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074010.D
 Acq: 10 Aug 2022 02:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 38970
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 38.3 57.5#

