

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074001.D
 Acq On : 09 Aug 2022 21:27
 Operator : VA/SY
 Sample : VD0809SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBL01

Quant Time: Aug 10 01:09:08 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)

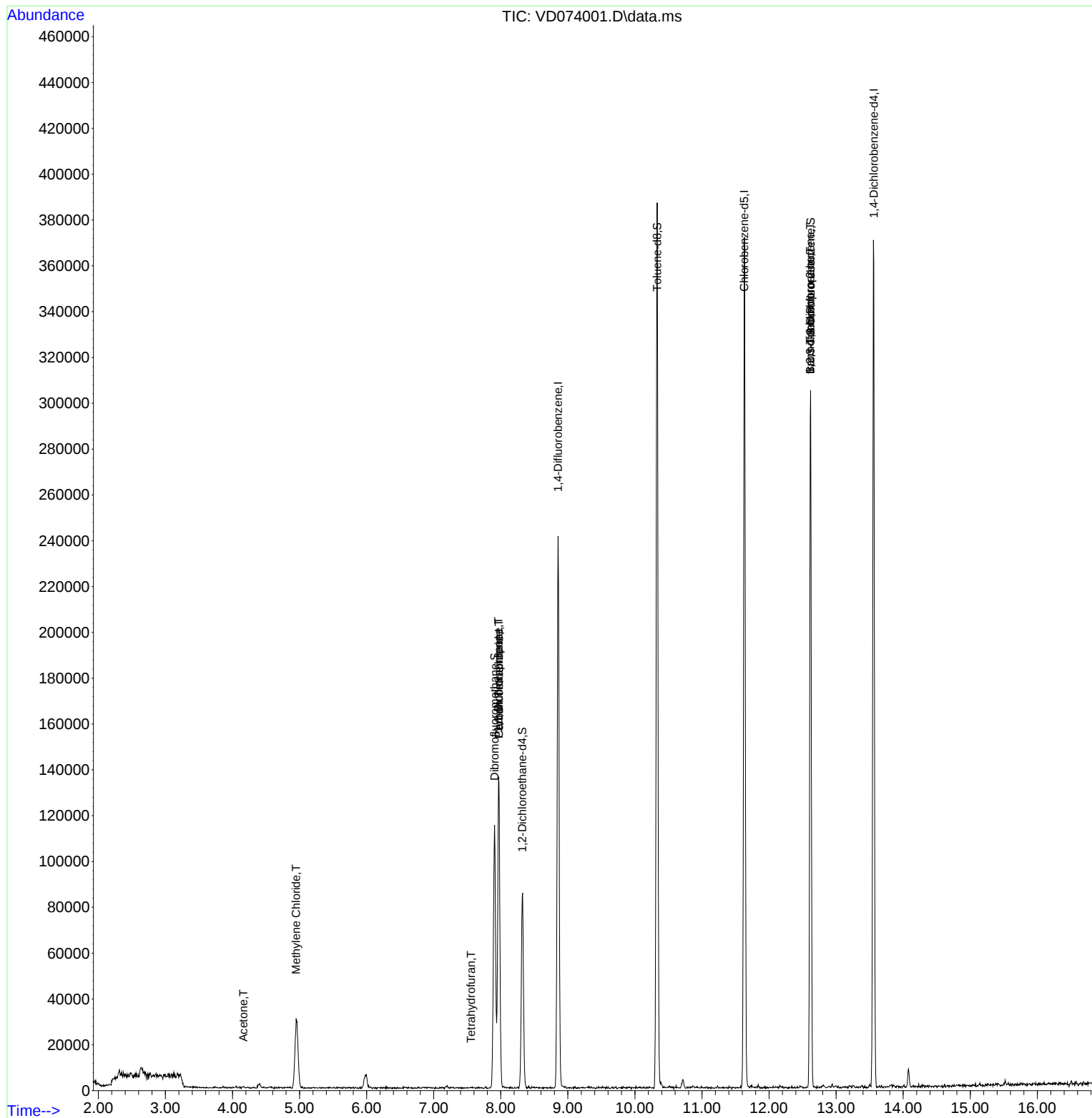
Internal Standards						
1) Pentafluorobenzene	7.973	168	95275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	206287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68100	80.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.240%	
35) Dibromofluoromethane	7.908	113	78334	62.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.320%	
50) Toluene-d8	10.332	98	258713	69.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 139.000%	
62) 4-Bromofluorobenzene	12.620	95	90165	56.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	209	Below Cal	#	43
3) Chloromethane	2.215	50	1046	Below Cal	#	87
5) Bromomethane	2.773	94	1056	Below Cal		86
16) Acetone	4.162	43	808	4.587	ug/l #	68
17) Carbon Disulfide	4.409	76	3260	Below Cal	#	73
18) Methyl Acetate	4.732	43	82	Below Cal	#	49
20) Methylene Chloride	4.950	84	23565	15.941	ug/l	98
29) Tetrahydrofuran	7.556	42	190	1.295	ug/l #	31
31) Cyclohexane	7.967	56	2660	Below Cal	#	42
36) 1,1-Dichloropropene	7.967	75	8381	4.725	ug/l #	51
38) Carbon Tetrachloride	7.973	117	11532	5.523	ug/l #	17
71) Bromoform	12.614	173	984	1.056	ug/l #	29
76) 1,2,3-Trichloropropane	12.614	75	49289	68.881	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	49289	148.044	ug/l #	13

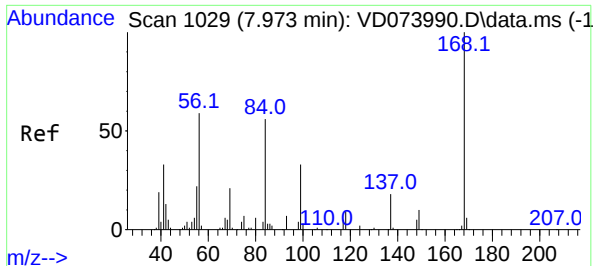
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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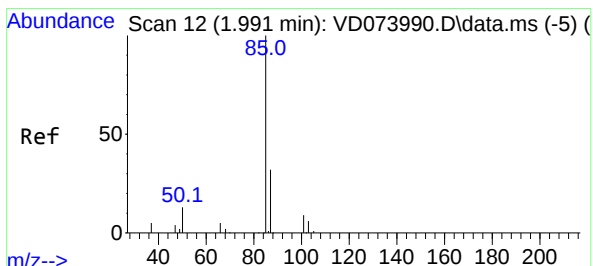
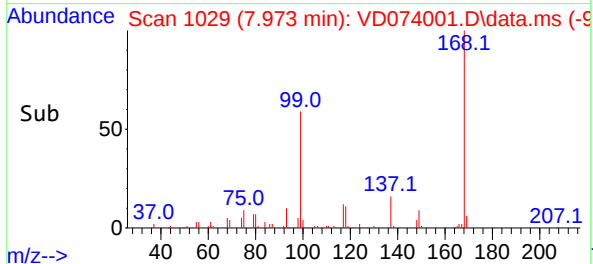
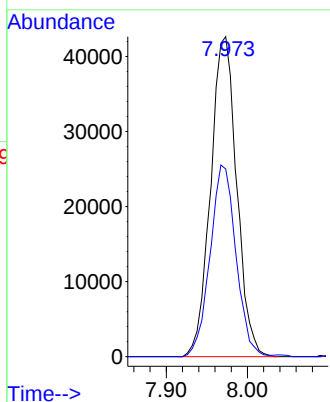
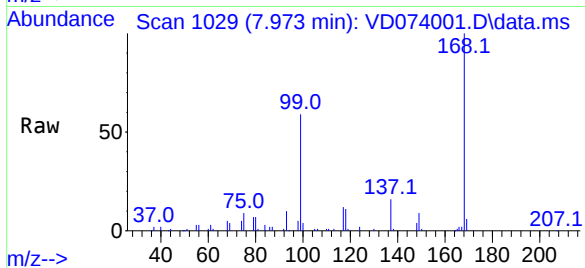




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

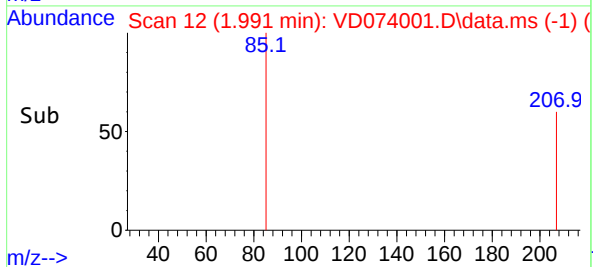
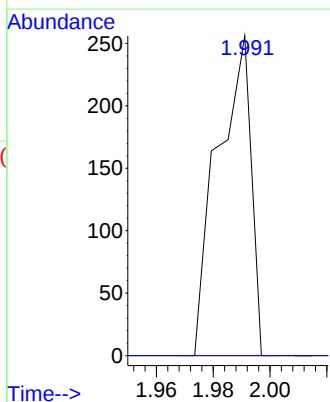
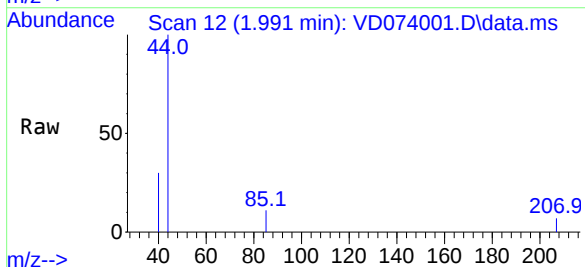
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

Tgt Ion:168 Resp: 95275
Ion Ratio Lower Upper
168 100
99 58.7 48.3 72.5

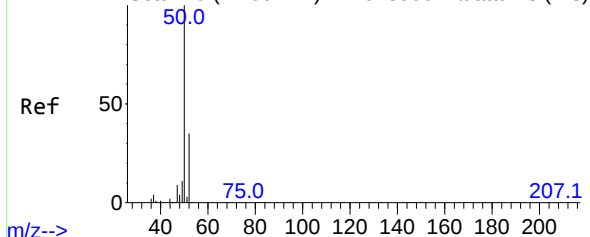


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 85 Resp: 209
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#



Abundance Scan 49 (2.209 min): VD073990.D\data.ms (-43)



#3

Chloromethane

Concen: Below Cal

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBL01

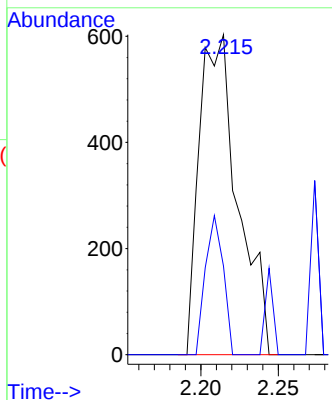
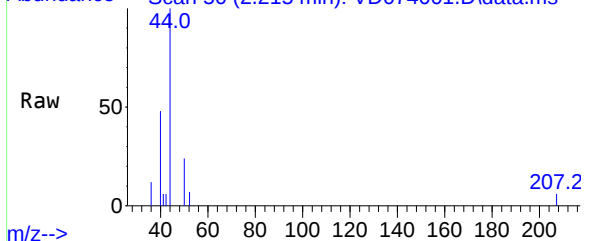
Tgt Ion: 50 Resp: 1046

Ion Ratio Lower Upper

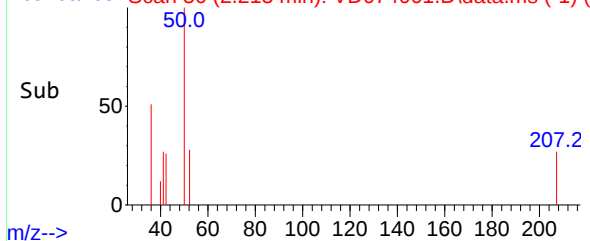
50 100

52 27.7 28.1 42.1#

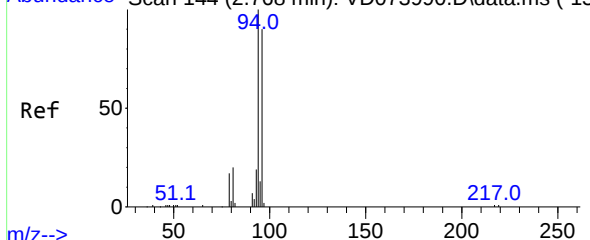
Abundance Scan 50 (2.215 min): VD074001.D\data.ms



Abundance Scan 50 (2.215 min): VD074001.D\data.ms (-1)



Abundance Scan 144 (2.768 min): VD073990.D\data.ms (-13)



#5

Bromomethane

Concen: Below Cal

RT: 2.773 min Scan# 145

Delta R.T. 0.005 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

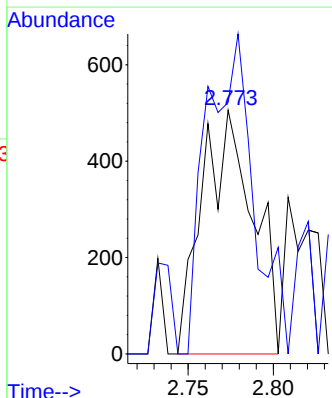
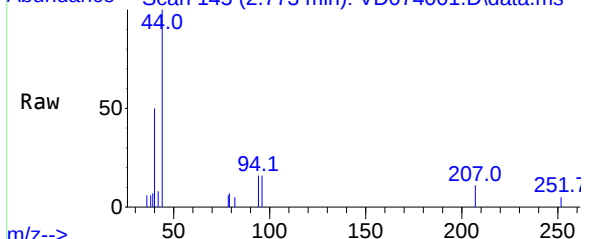
Tgt Ion: 94 Resp: 1056

Ion Ratio Lower Upper

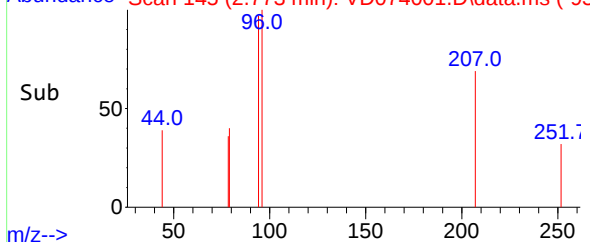
94 100

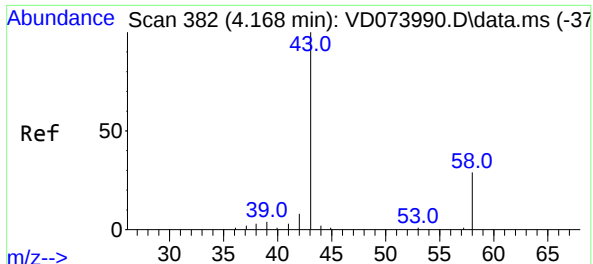
96 103.2 72.0 108.0

Abundance Scan 145 (2.773 min): VD074001.D\data.ms



Abundance Scan 145 (2.773 min): VD074001.D\data.ms (-93)

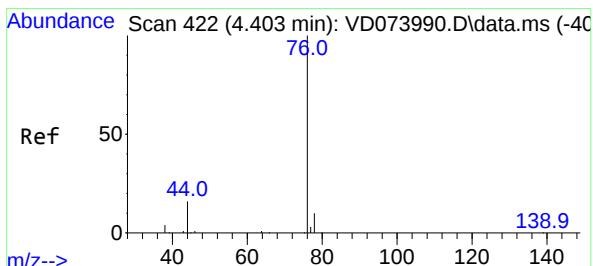
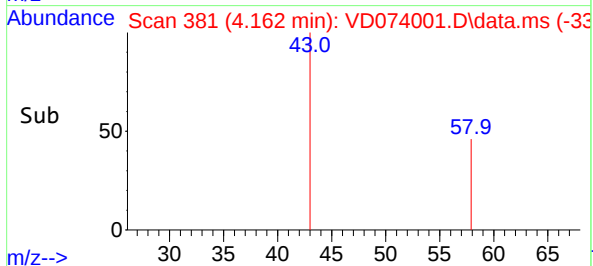
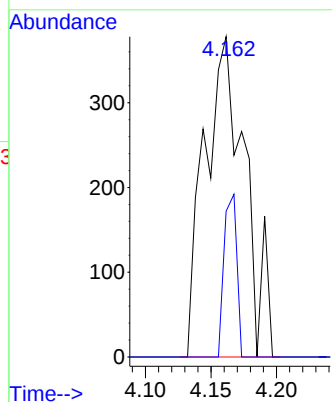
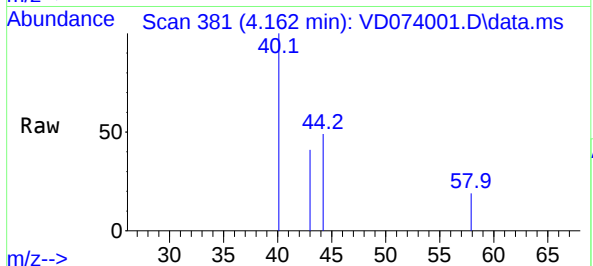




#16
Acetone
Concen: 4.587 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

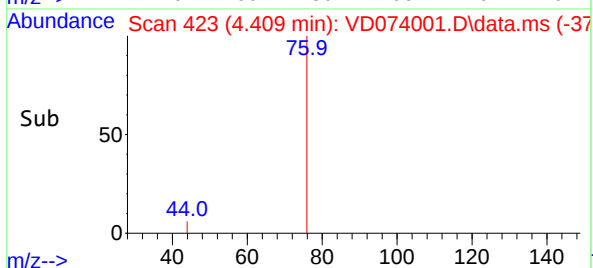
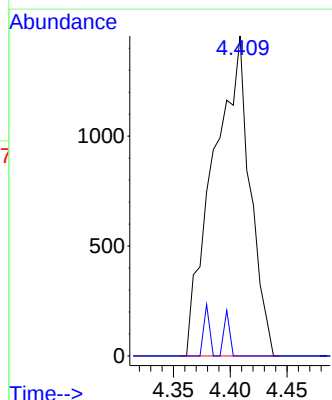
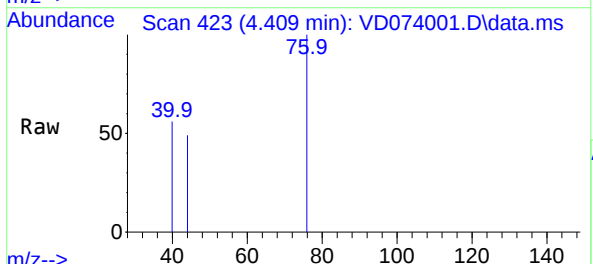
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

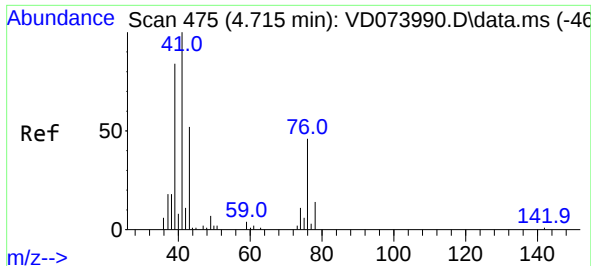
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 45.5 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.409 min Scan# 423
Delta R.T. 0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 76 Resp: 3260
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#

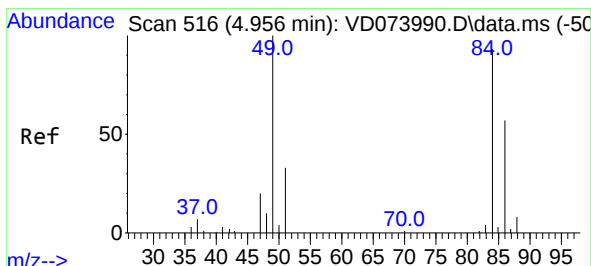
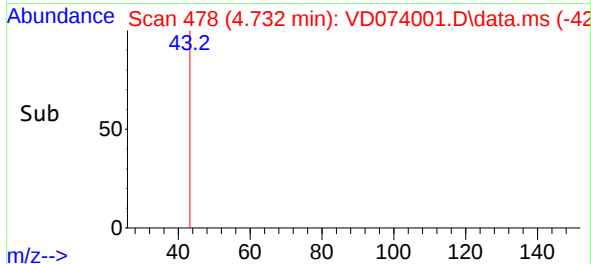
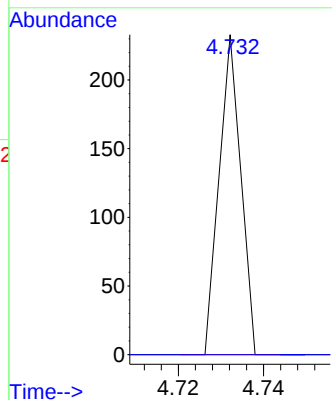
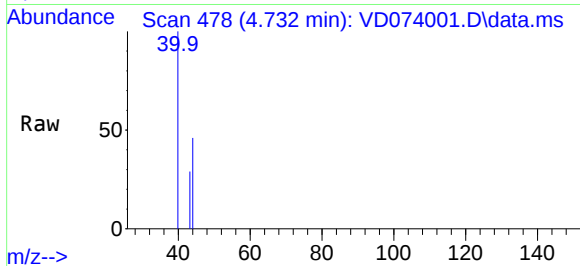




#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 41
Delta R.T. 0.017 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

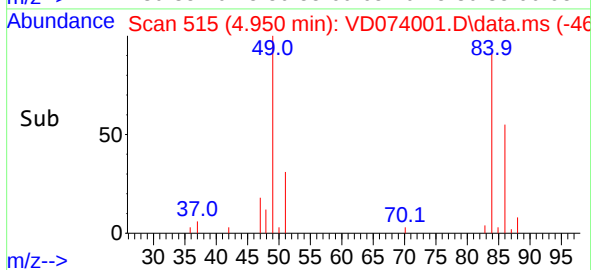
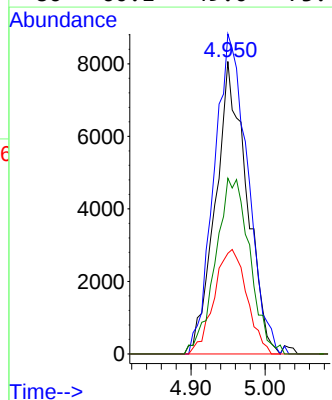
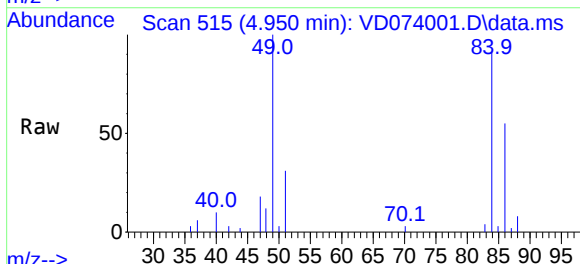
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

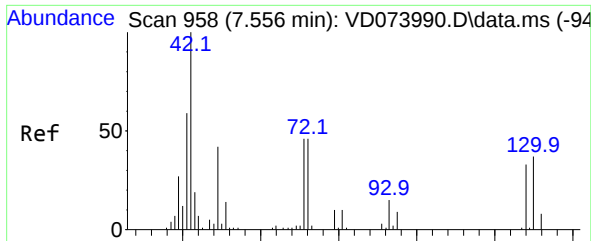
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: 15.941 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

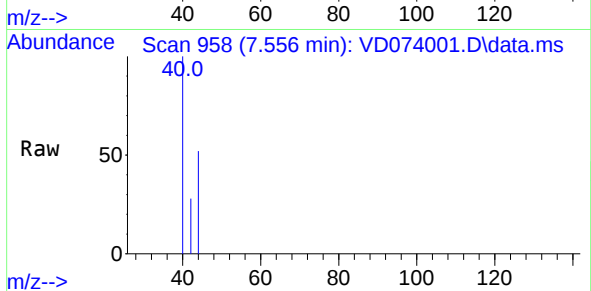
Tgt Ion: 84 Resp: 23565
Ion Ratio Lower Upper
84 100
49 109.4 85.8 128.6
51 34.4 28.0 42.0
86 60.1 49.0 73.4



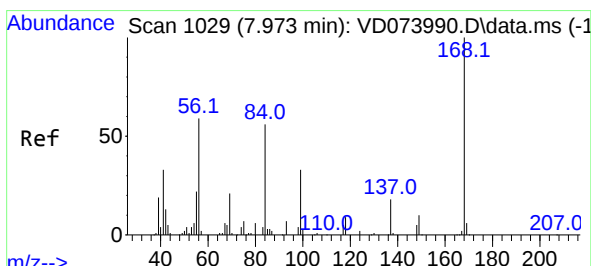
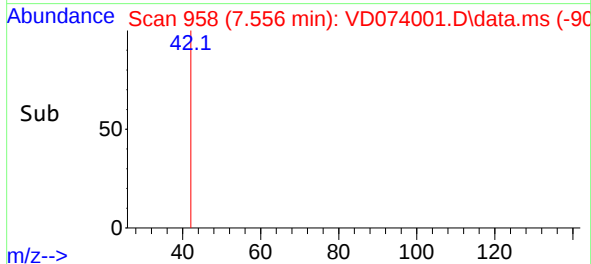
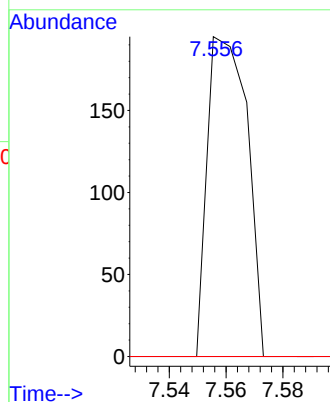


#29
Tetrahydrofuran
Concen: 1.295 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

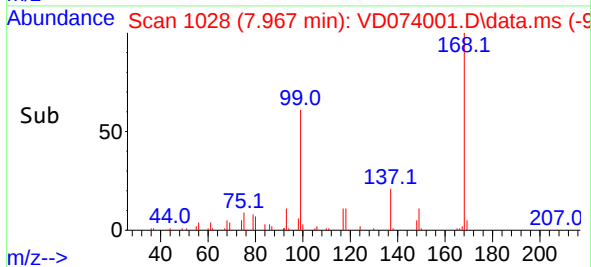
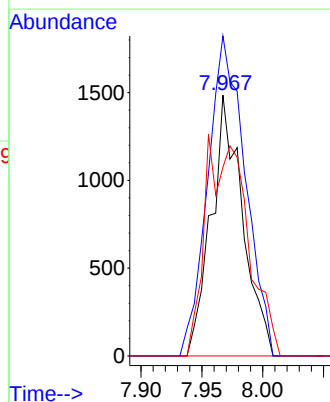
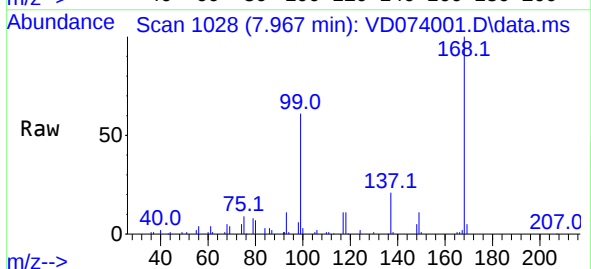


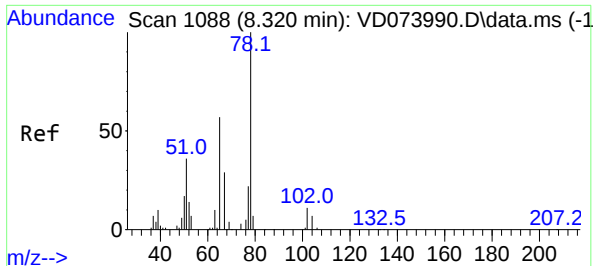
Tgt Ion:	42	Resp:	190
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	35.5	53.3#



#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion:	56	Resp:	2660
Ion	Ratio	Lower	Upper
56	100		
69	122.7	27.9	41.9#
84	72.3	75.8	113.6#





#33

1,2-Dichloroethane-d4

Concen: 80.621 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

Instrument :

MSVOA_D

ClientSampleId :

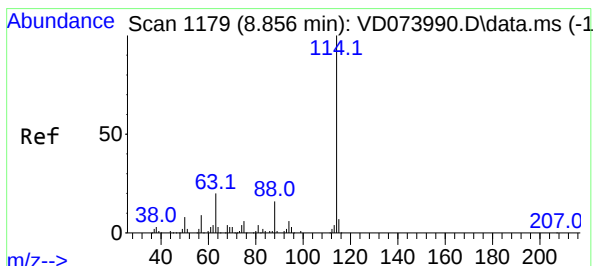
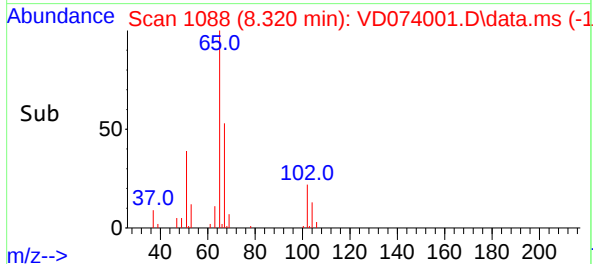
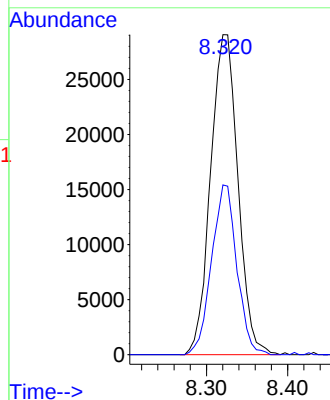
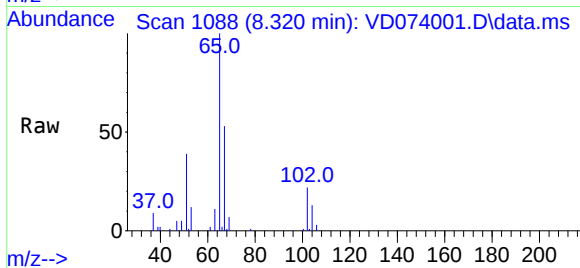
VD0809SBL01

Tgt Ion: 65 Resp: 68100

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. -0.001 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

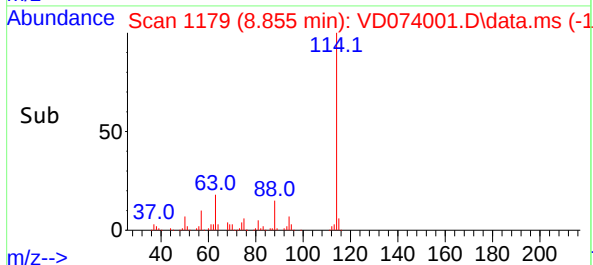
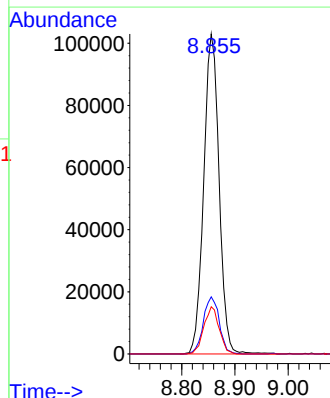
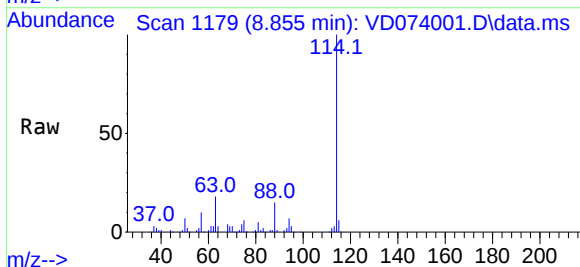
Tgt Ion: 114 Resp: 206287

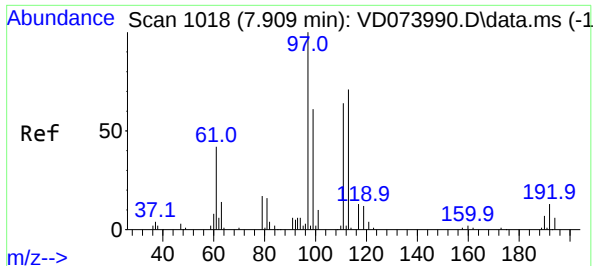
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 14.7 0.0 31.6

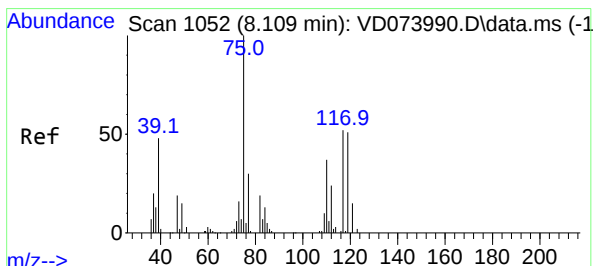
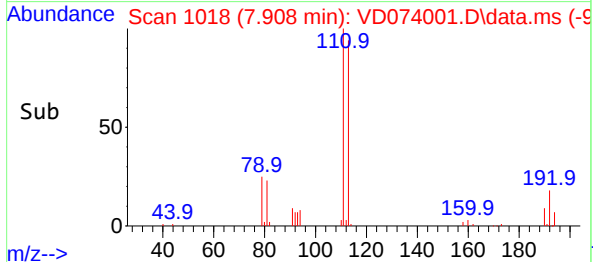
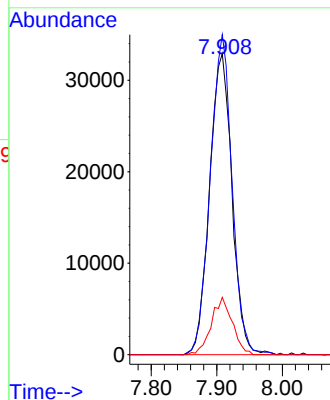
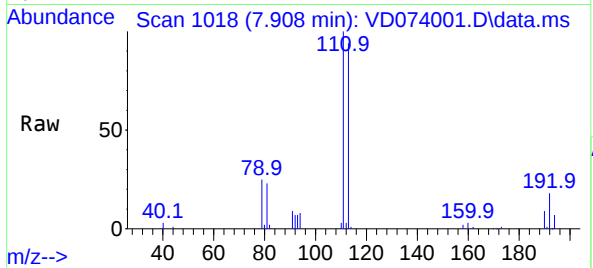




#35
Dibromofluoromethane
Concen: 62.162 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

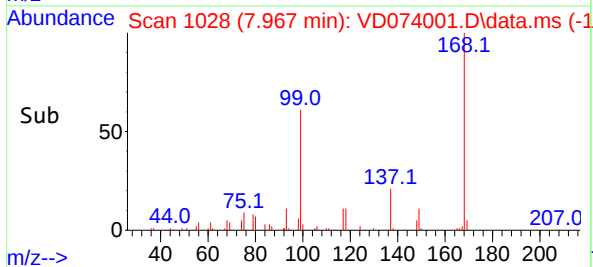
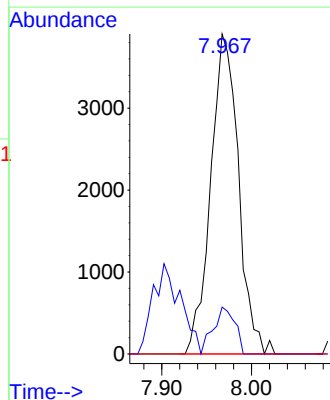
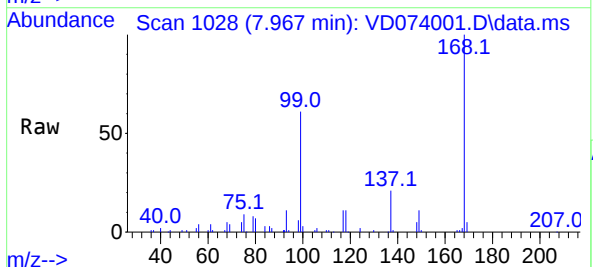
Instrument :
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ClientSampleId :
VD0809SBL01

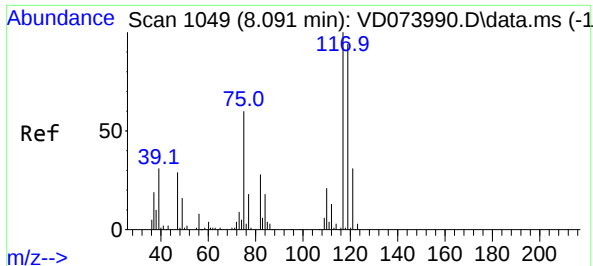
Tgt Ion:113 Resp: 78334
Ion Ratio Lower Upper
113 100
111 103.1 80.0 120.0
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 75 Resp: 8381
Ion Ratio Lower Upper
75 100
110 11.4 18.4 55.4#
77 0.0 24.6 36.8#

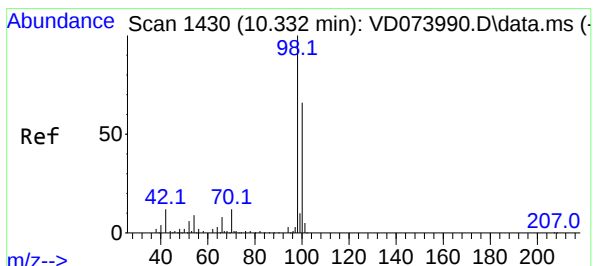
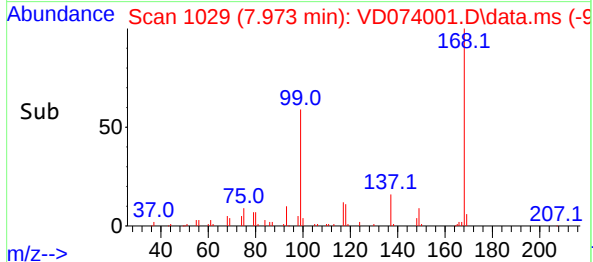
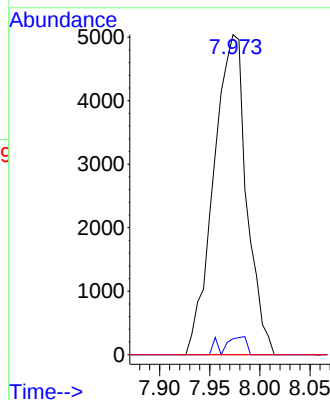
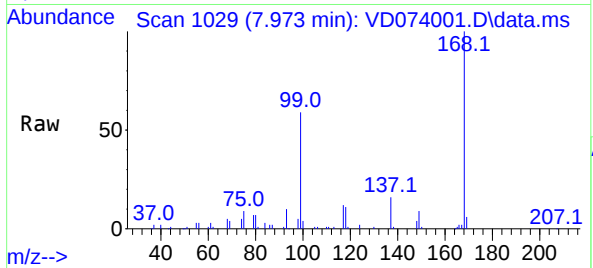




#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

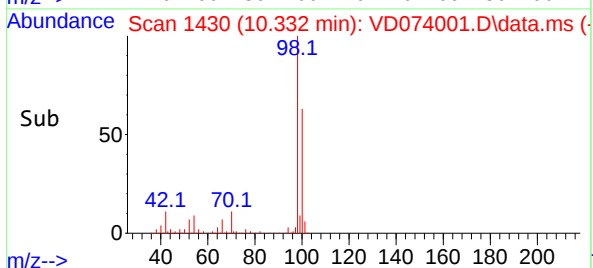
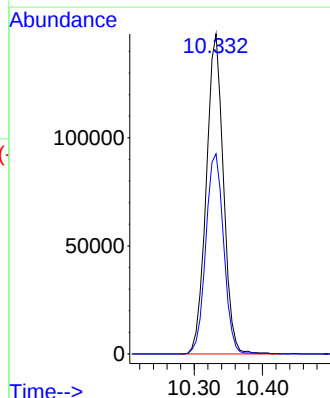
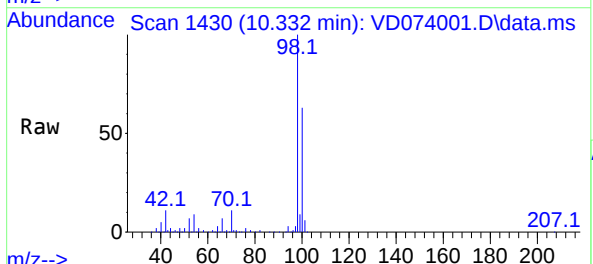
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

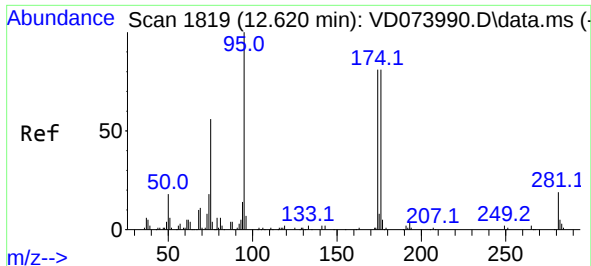
Tgt Ion:117 Resp: 11532
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 69.500 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 98 Resp: 258713
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

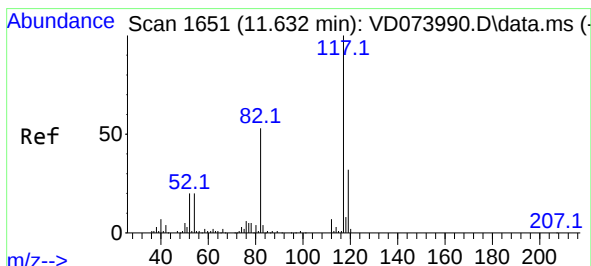
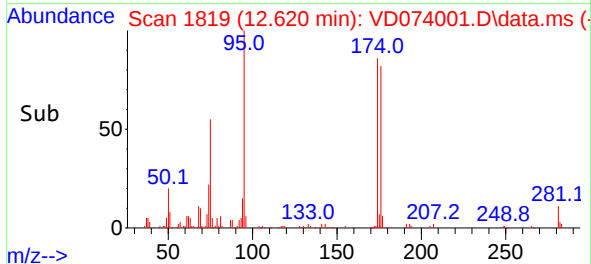
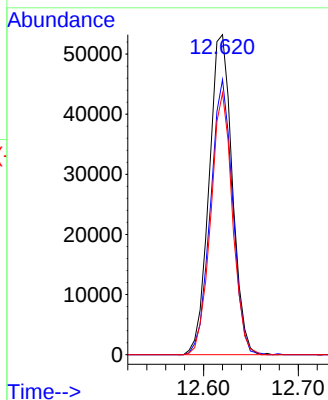
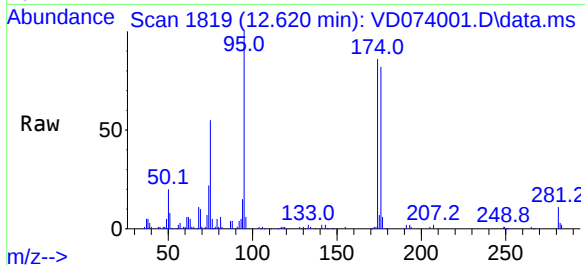




#62
4-Bromofluorobenzene
Concen: 56.359 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

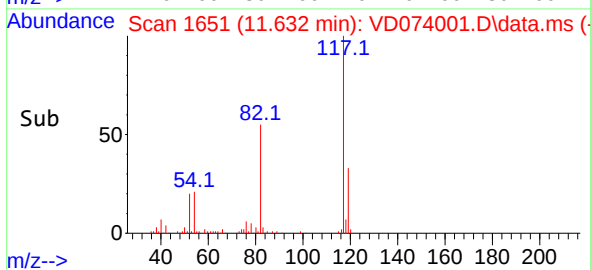
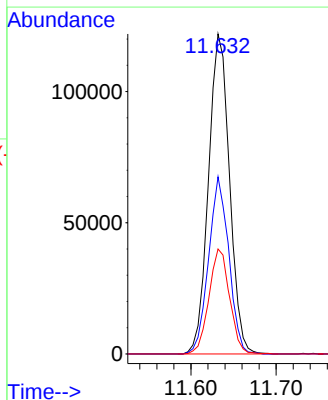
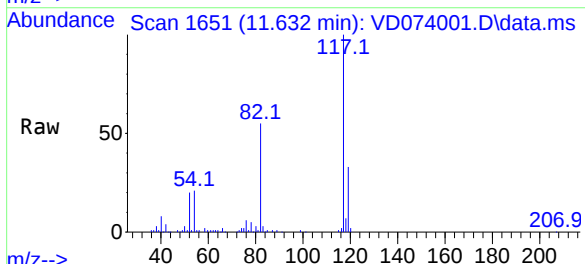
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

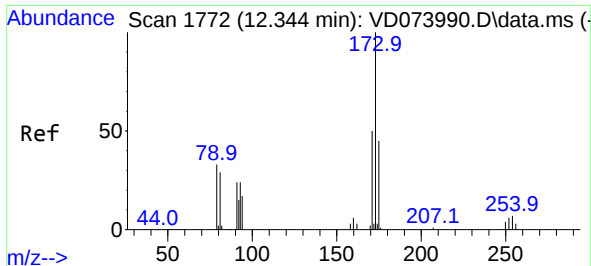
Tgt Ion:	95	Resp:	90165
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	162.6
176	76.6	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion:	117	Resp:	209077
Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.7	64.1
119	32.8	25.8	38.8

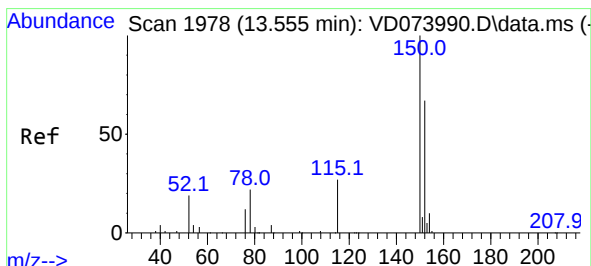
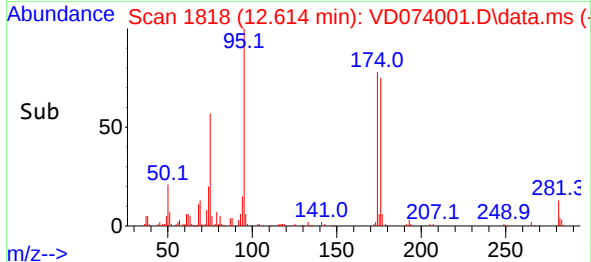
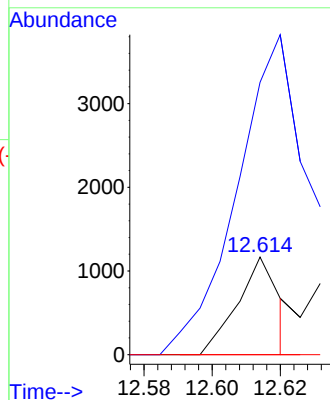
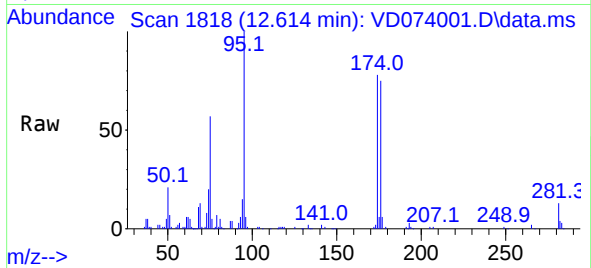




#71
Bromoform
Concen: 1.056 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.270 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

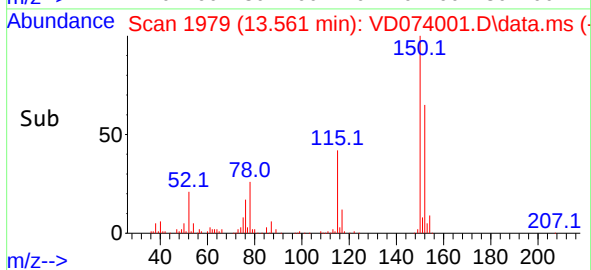
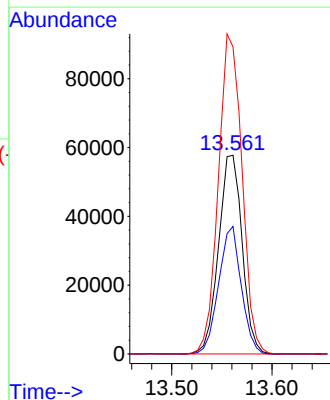
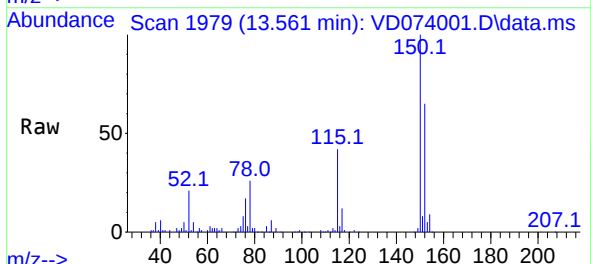
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

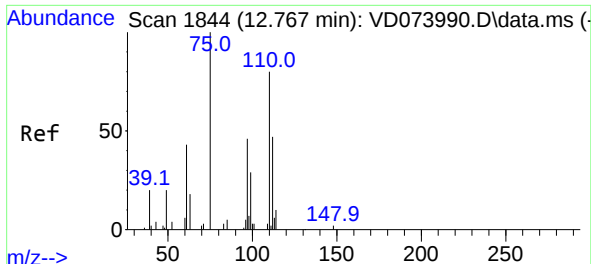
Tgt Ion:173 Resp: 984
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion:152 Resp: 94408
Ion Ratio Lower Upper
152 100
115 61.5 29.9 89.8
150 161.3 0.0 342.8

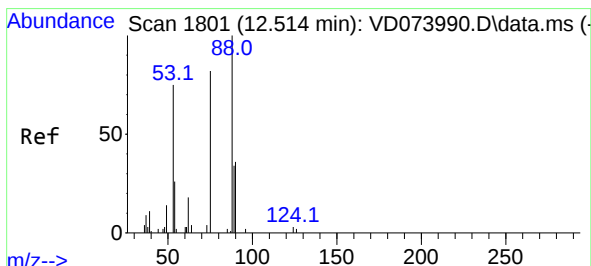
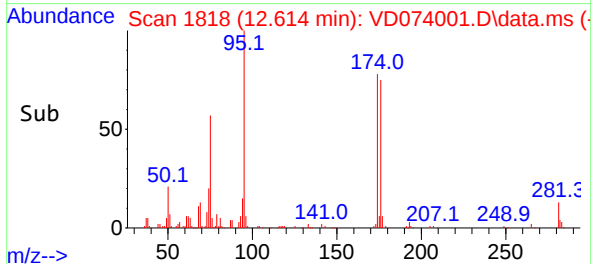
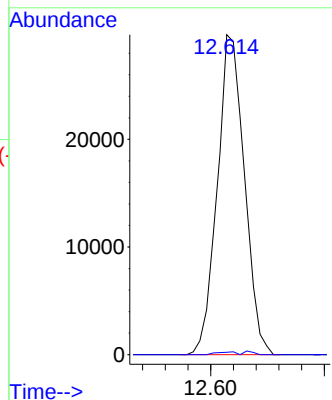
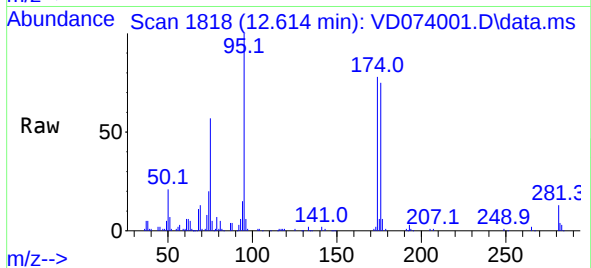




#76
1,2,3-Trichloropropane
Concen: 68.881 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

Tgt Ion: 75 Resp: 49289
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.044 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 75 Resp: 49289
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

