

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074120.D
 Acq On : 17 Aug 2022 13:17
 Operator : VA/SY
 Sample : VD0817SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL01

Quant Time: Aug 18 03:17:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

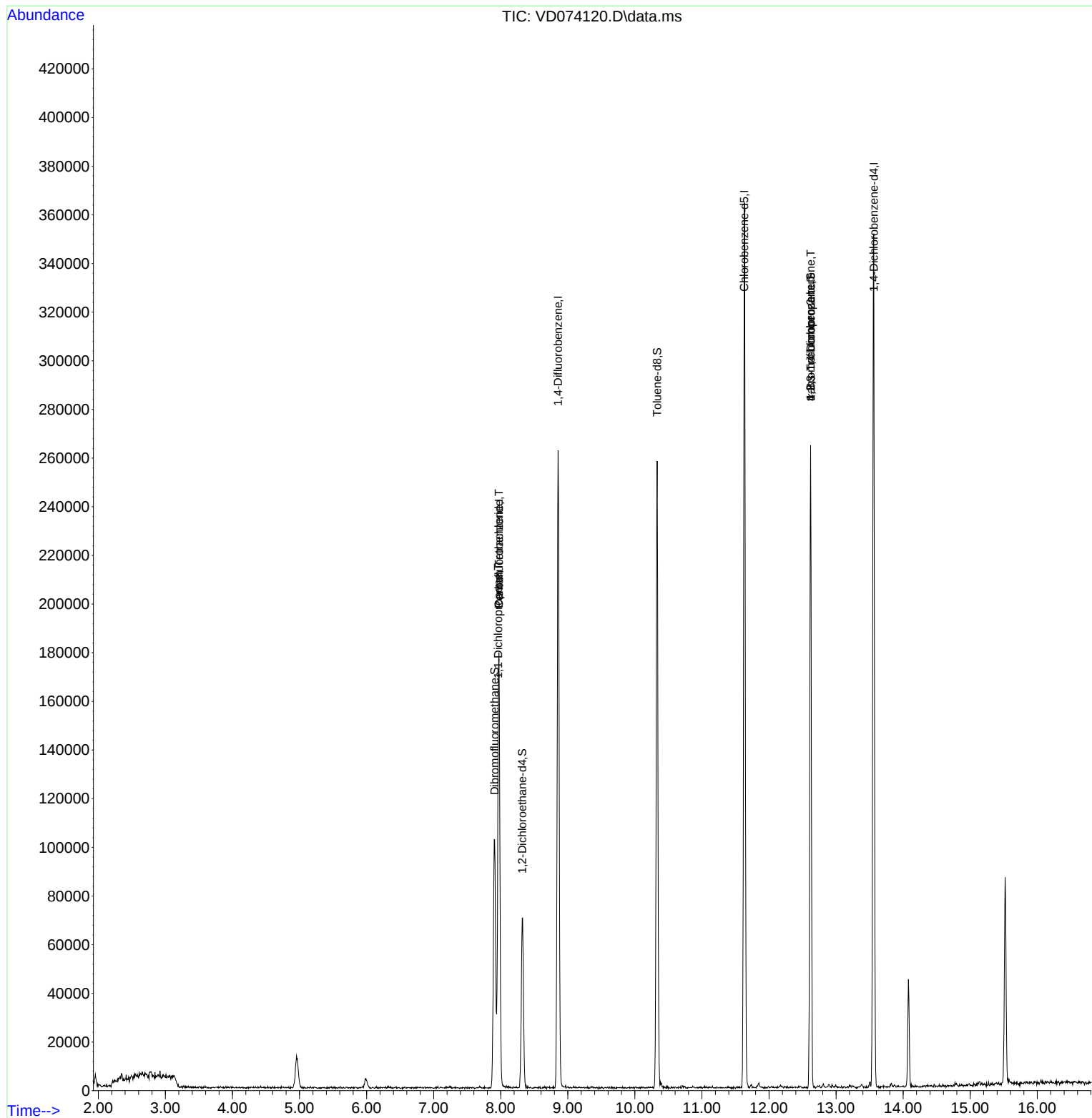
Internal Standards						
1) Pentafluorobenzene	7.973	168	129385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	221034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	207990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55978	59.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.909	113	72917	51.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.332	98	173976	40.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.140%	
62) 4-Bromofluorobenzene	12.620	95	81644	46.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	135	Below Cal	#	43
3) Chloromethane	2.215	50	508	Below Cal	#	83
6) Chloroethane	2.921	64	137	Below Cal	#	42
7) Trichlorofluoromethane	3.273	101	265	Below Cal	#	19
16) Acetone	4.144	43	54	Below Cal	#	47
17) Carbon Disulfide	4.397	76	61	Below Cal	#	74
20) Methylene Chloride	4.968	84	9944	Below Cal	#	79
31) Cyclohexane	7.973	56	2983	Below Cal	#	6
36) 1,1-Dichloropropene	7.961	75	11264	5.848	ug/l #	51
38) Carbon Tetrachloride	7.973	117	13755	6.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	43682	52.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	43682	147.317	ug/l #	7

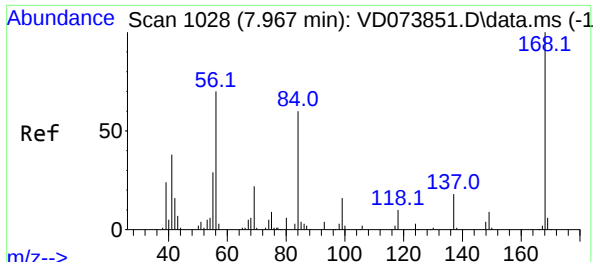
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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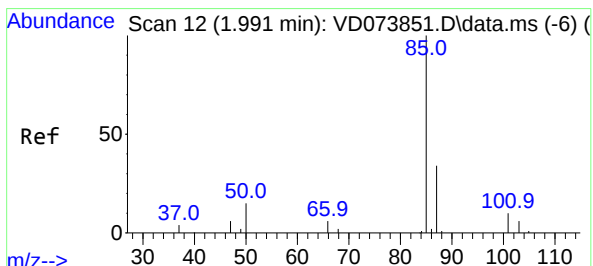
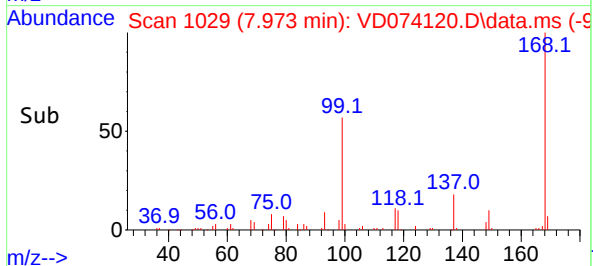
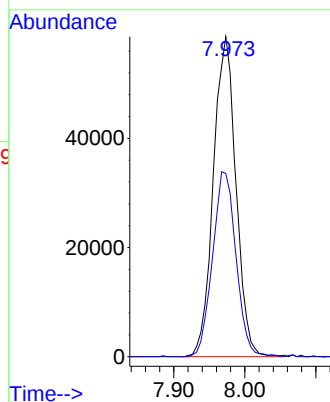
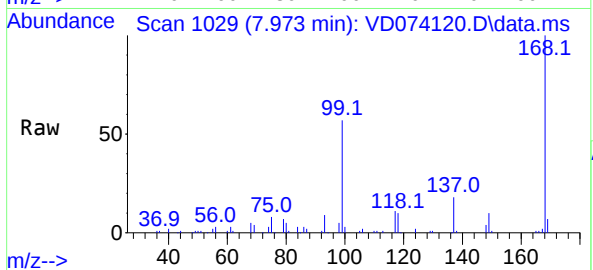




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

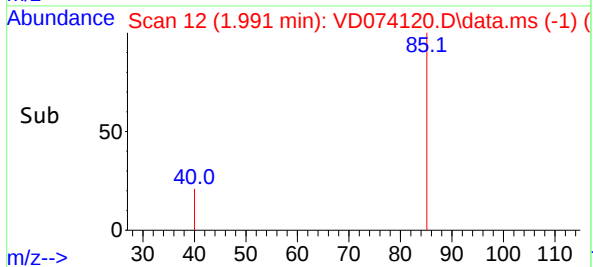
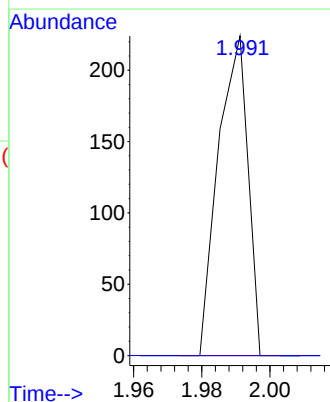
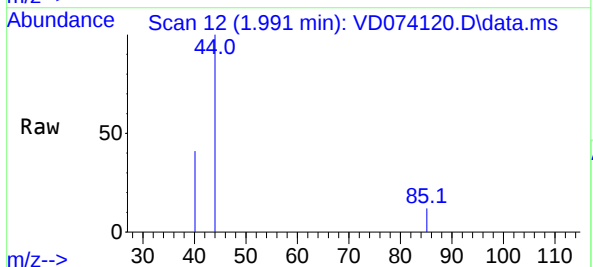
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

Tgt Ion:168 Resp: 129385
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6

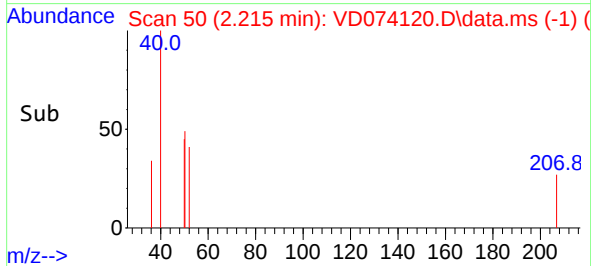
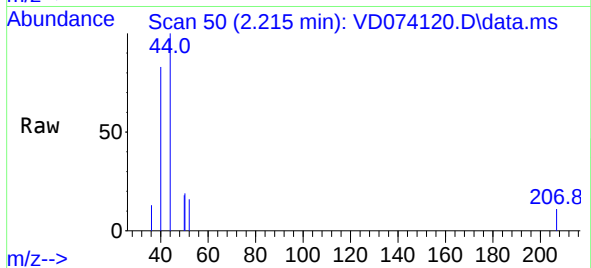
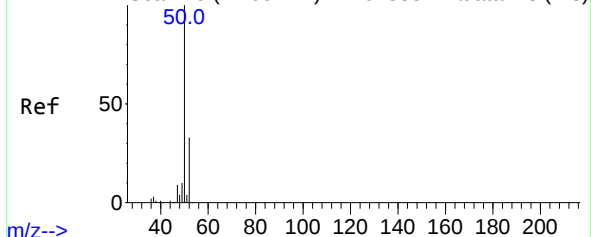


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Tgt Ion: 85 Resp: 135
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



Abundance Scan 49 (2.209 min): VD073851.D\data.ms (-43)



#3

Chloromethane

Concen: Below Cal

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD074120.D

Acq: 17 Aug 2022 13:17

Instrument :

MSVOA_D

ClientSampleId :

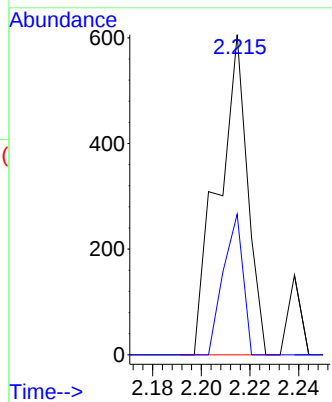
VD0817SBL01

Tgt Ion: 50 Resp: 508

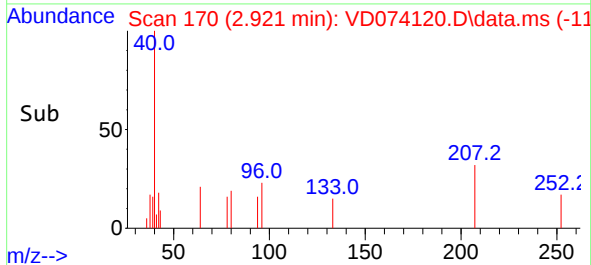
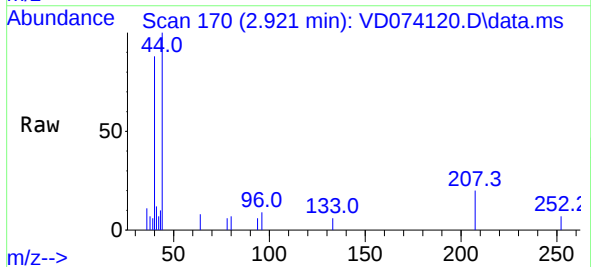
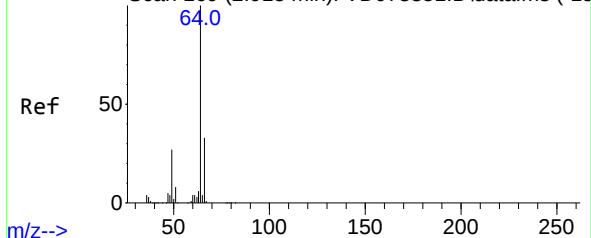
Ion Ratio Lower Upper

50 100

52 43.9 27.4 41.0#



Abundance Scan 169 (2.915 min): VD073851.D\data.ms (-15)



#6

Chloroethane

Concen: Below Cal

RT: 2.921 min Scan# 170

Delta R.T. 0.006 min

Lab File: VD074120.D

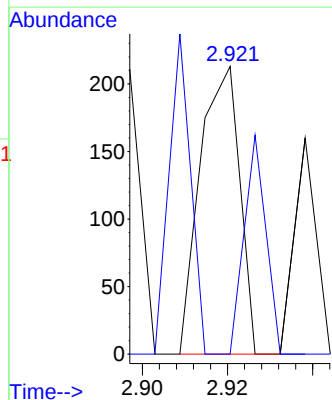
Acq: 17 Aug 2022 13:17

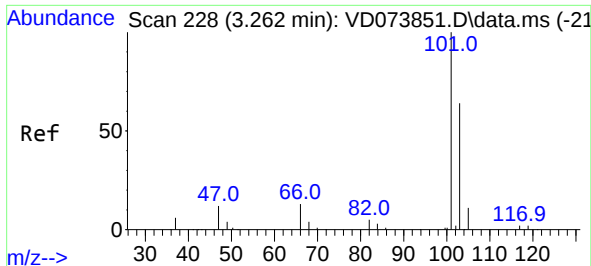
Tgt Ion: 64 Resp: 137

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#

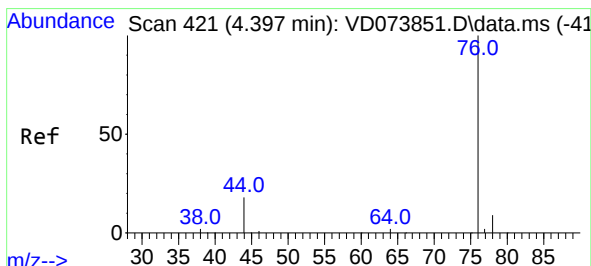
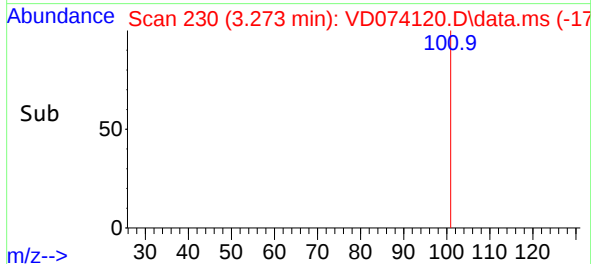
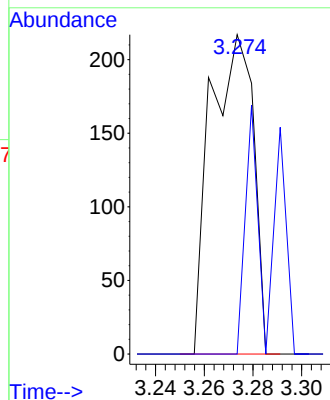
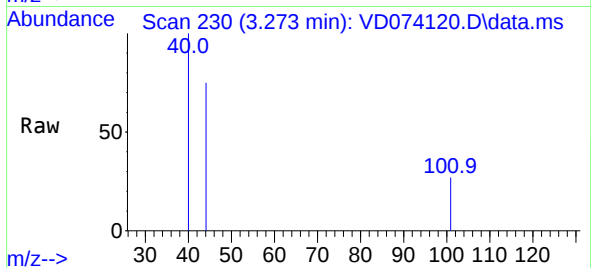




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.273 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

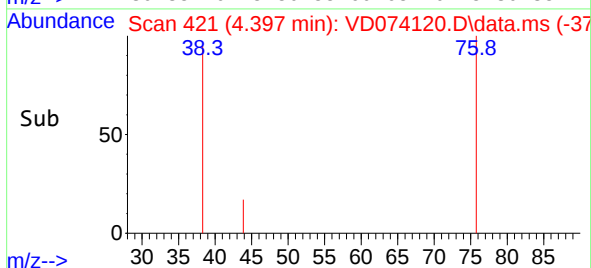
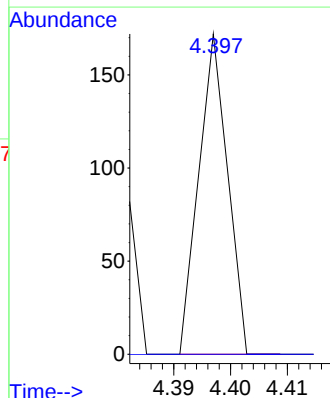
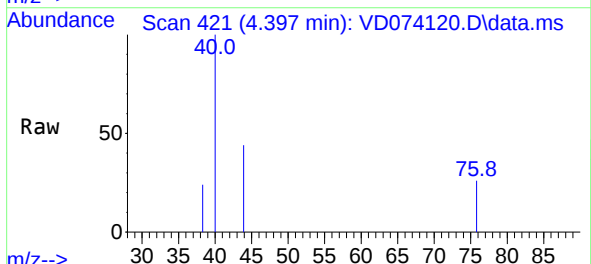
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

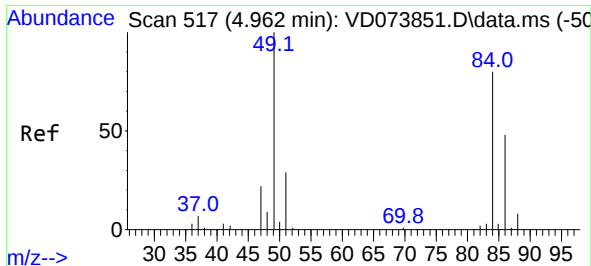
Tgt Ion:101 Resp: 265
Ion Ratio Lower Upper
101 100
103 0.0 50.1 75.1#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.397 min Scan# 421
Delta R.T. -0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

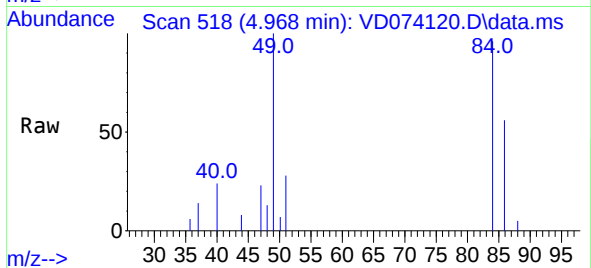
Tgt Ion: 76 Resp: 61
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





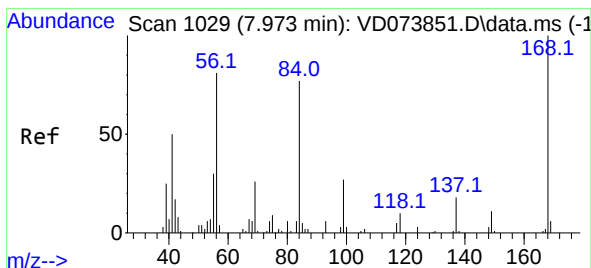
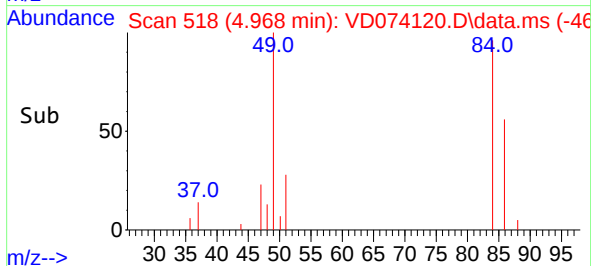
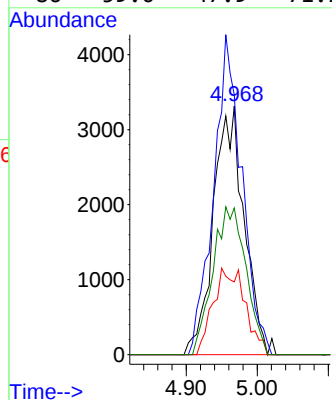
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01



Tgt Ion: 84 Resp: 9944

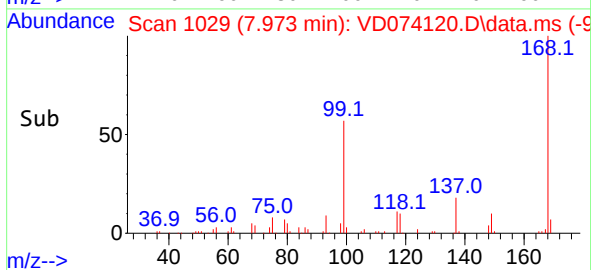
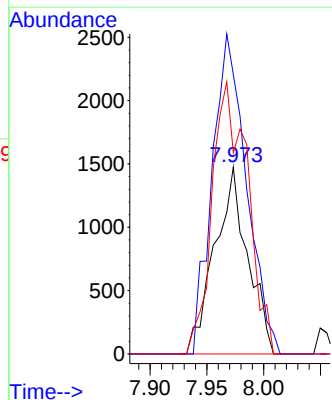
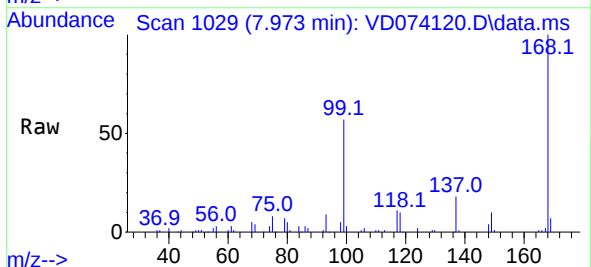
Ion	Ratio	Lower	Upper
84	100		
49	104.5	112.8	169.2#
51	29.3	32.6	48.8#
86	59.0	47.9	71.9

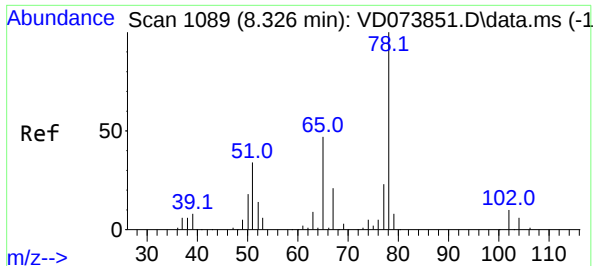


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Tgt Ion: 56 Resp: 2983

Ion	Ratio	Lower	Upper
56	100		
69	149.6	25.4	38.2#
84	118.8	63.0	94.4#

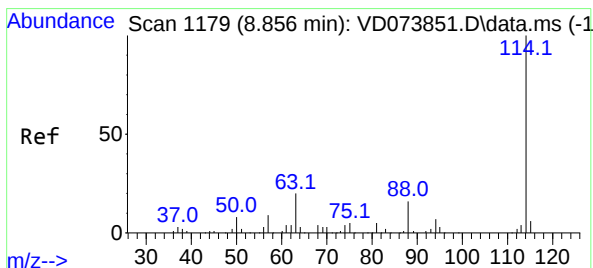
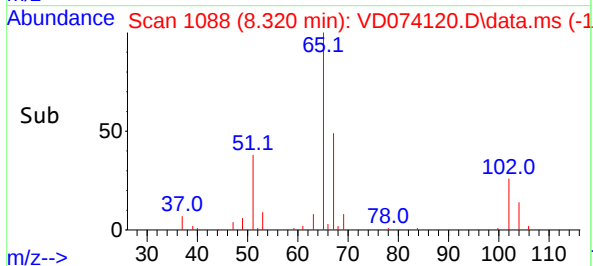
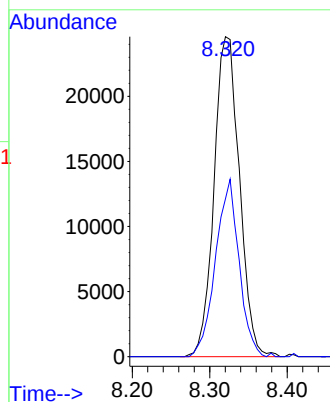
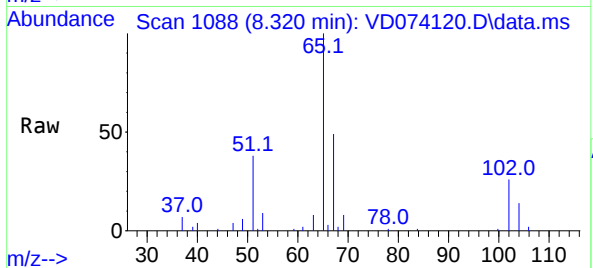




#33
 1,2-Dichloroethane-d4
 Concen: 59.556 ug/l
 RT: 8.320 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD074120.D
 Acq: 17 Aug 2022 13:17

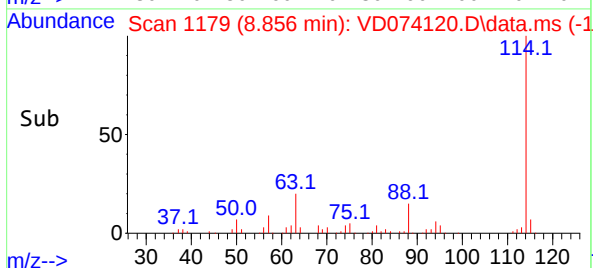
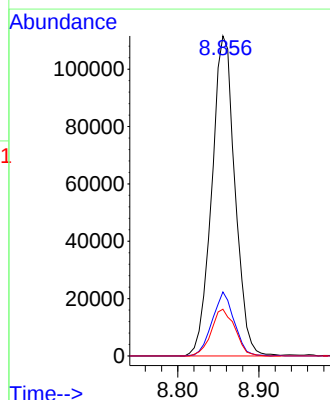
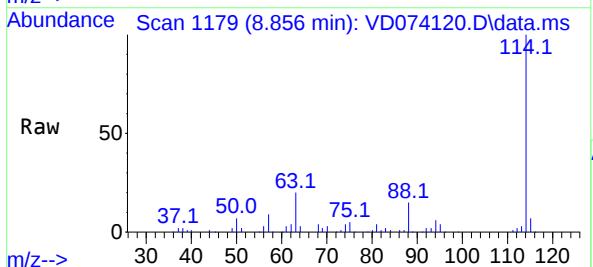
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL01

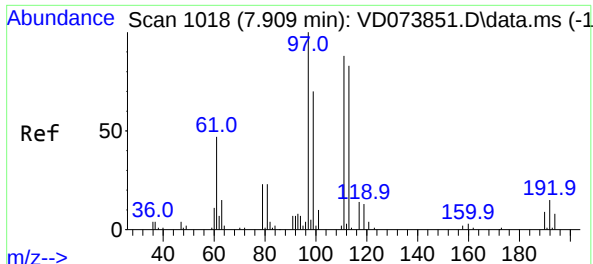
Tgt Ion: 65 Resp: 55978
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD074120.D
 Acq: 17 Aug 2022 13:17

Tgt Ion: 114 Resp: 221034
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 46.6
 88 14.6 0.0 33.2

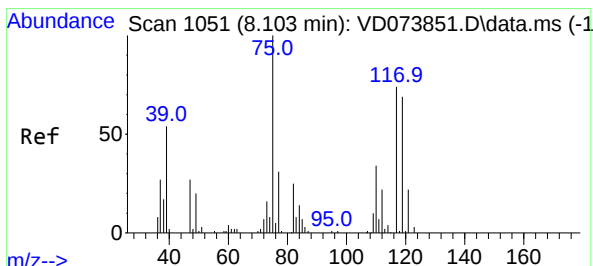
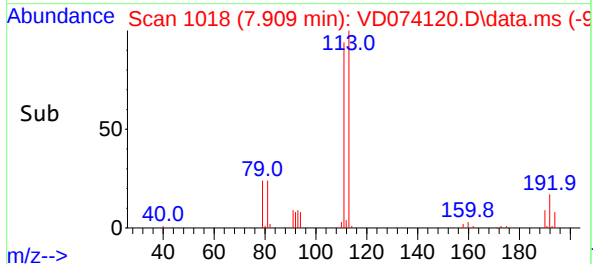
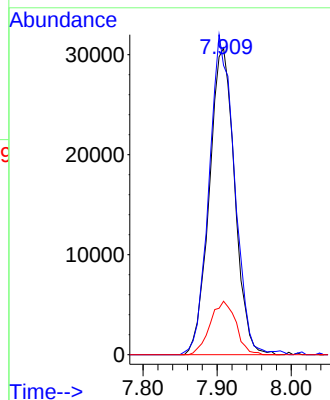
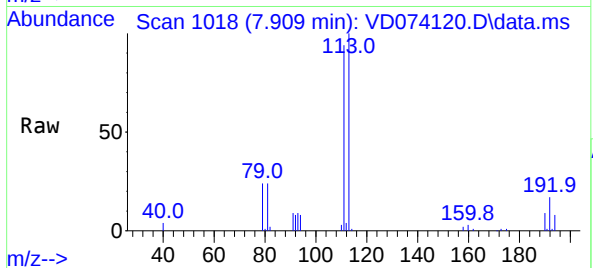




#35
Dibromofluoromethane
Concen: 51.625 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

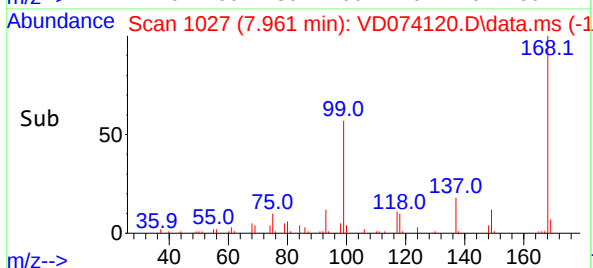
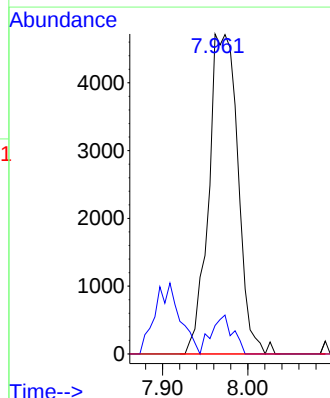
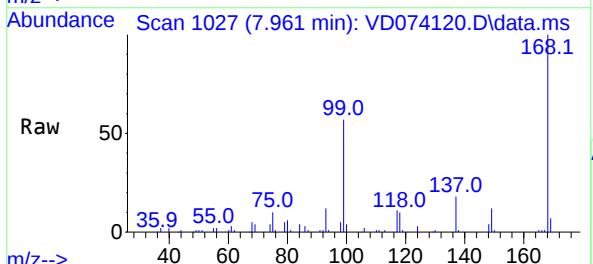
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

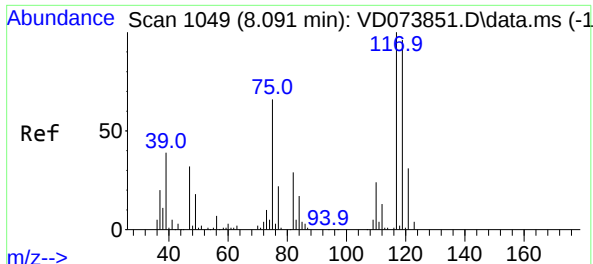
Tgt Ion:113 Resp: 72917
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 17.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.848 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.142 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

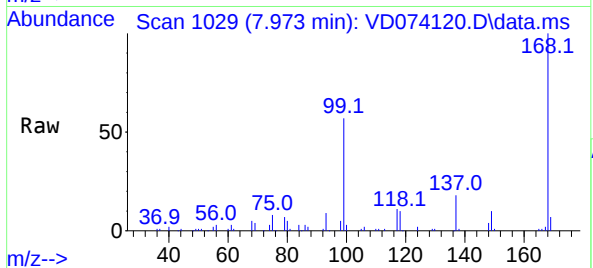
Tgt Ion: 75 Resp: 11264
Ion Ratio Lower Upper
75 100
110 8.9 16.4 49.1#
77 0.0 24.2 36.2#



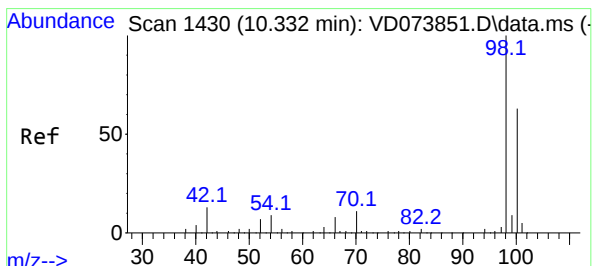
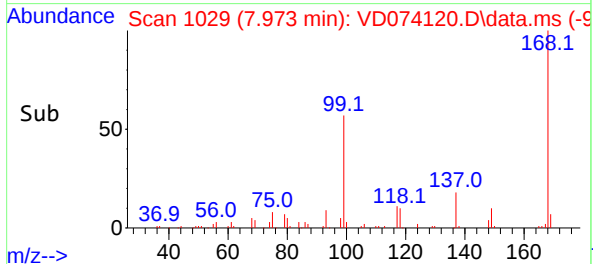
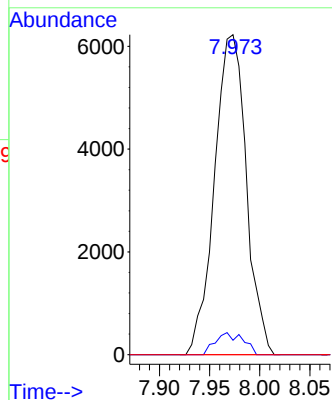


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

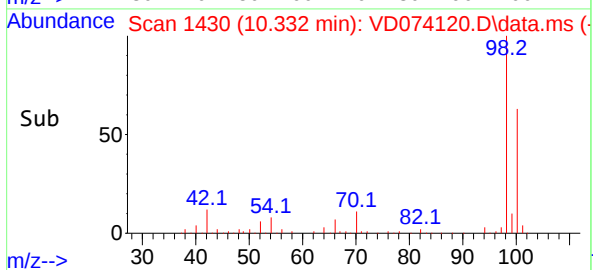
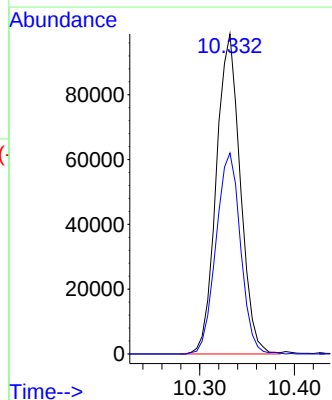
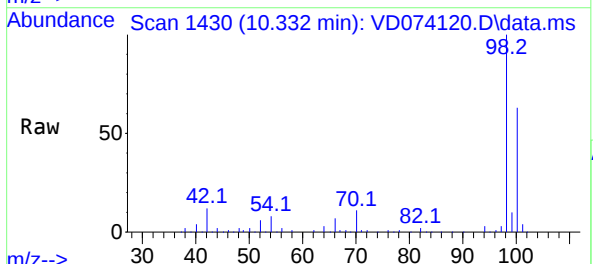


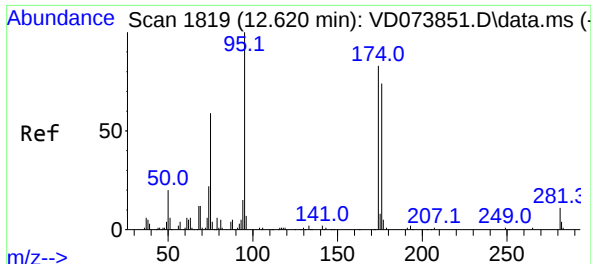
Tgt Ion:117 Resp: 13755
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 40.569 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Tgt Ion: 98 Resp: 173976
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

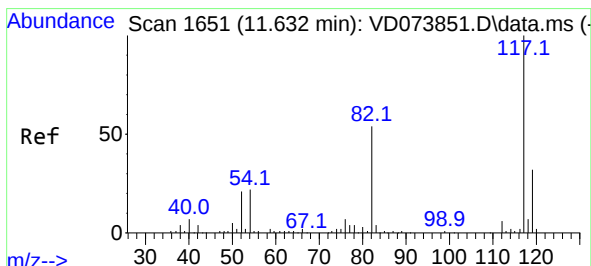
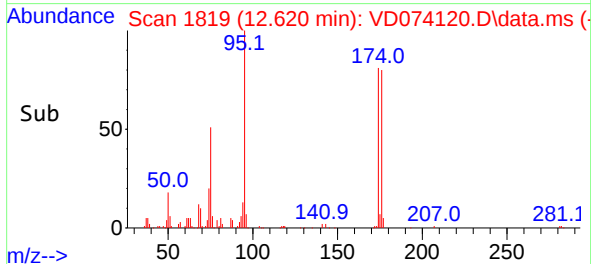
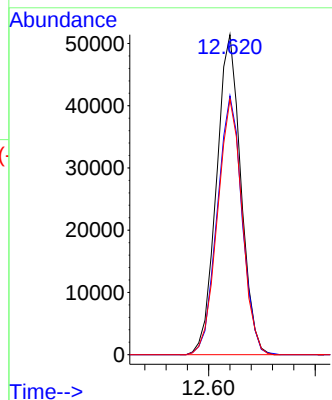
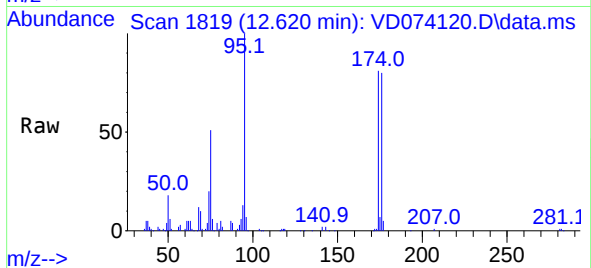




#62
4-Bromofluorobenzene
Concen: 46.103 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

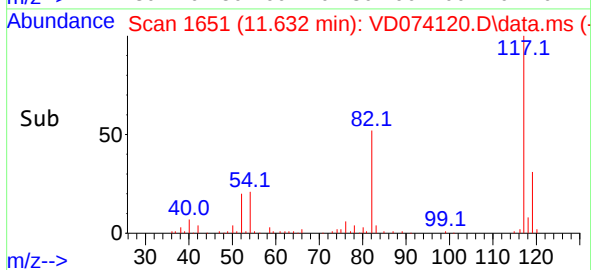
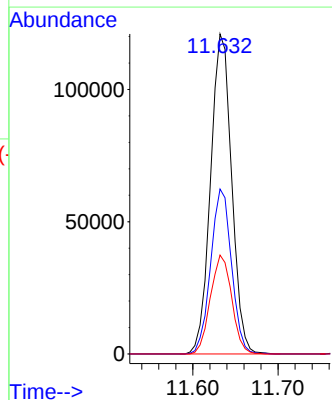
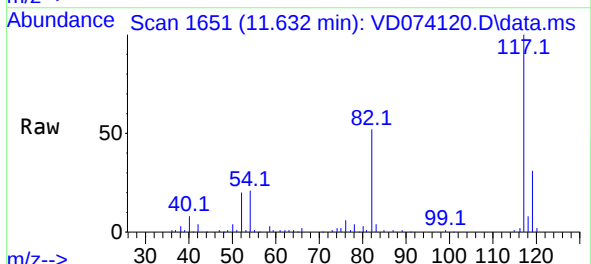
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

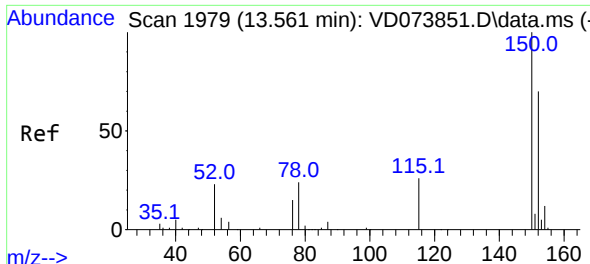
Tgt Ion: 95 Resp: 81644
Ion Ratio Lower Upper
95 100
174 82.3 0.0 152.8
176 80.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

Tgt Ion: 117 Resp: 207990
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 30.9 26.6 40.0

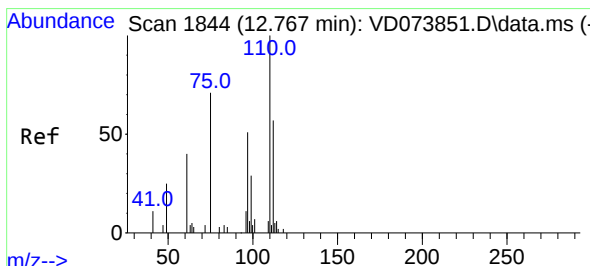
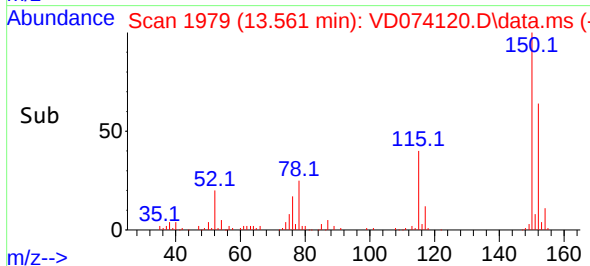
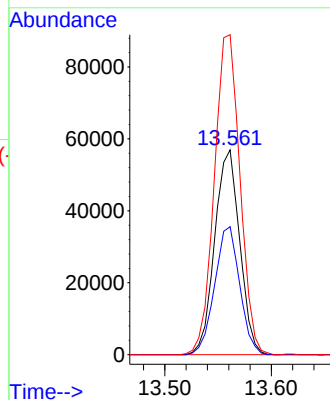
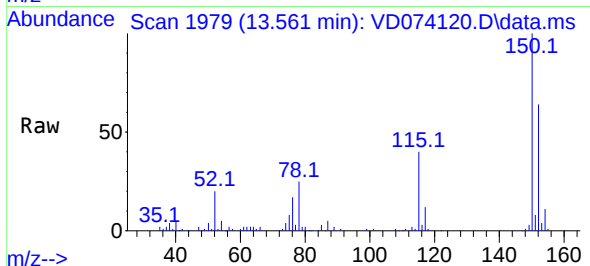




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

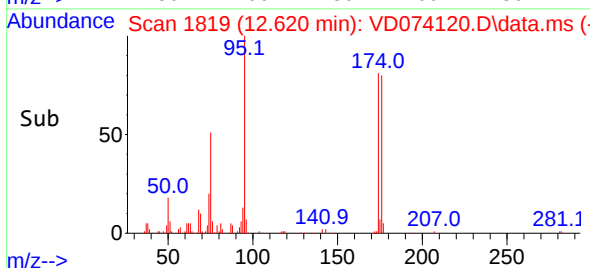
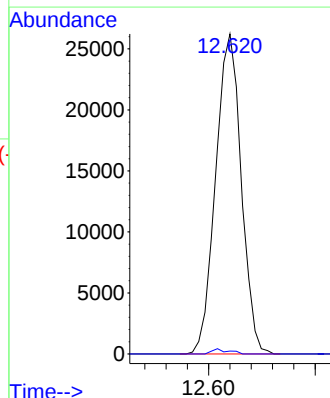
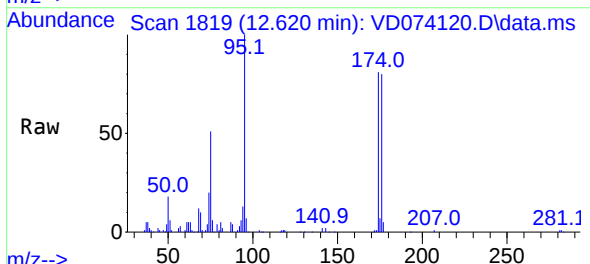
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

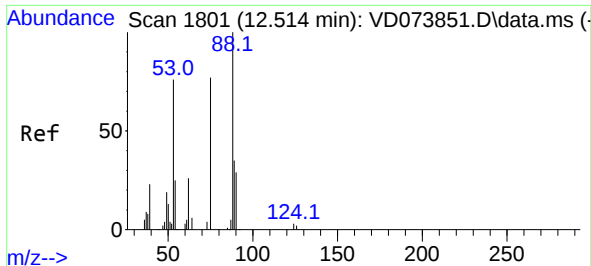
Tgt Ion:152 Resp: 92803
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 160.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 52.823 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074120.D
Acq: 17 Aug 2022 13:17

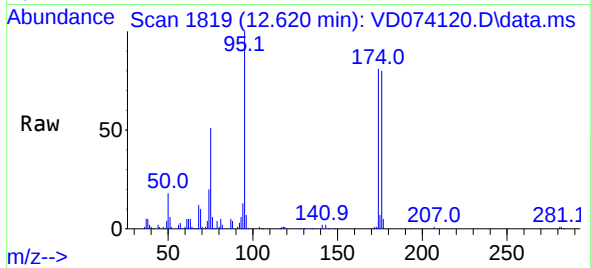
Tgt Ion: 75 Resp: 43682
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.317 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074120.D
 Acq: 17 Aug 2022 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL01



Tgt Ion: 75 Resp: 43682
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

