

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074127.D
 Acq On : 17 Aug 2022 16:37
 Operator : VA/SY
 Sample : N4188-04
 Misc : 10.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S3

Quant Time: Aug 18 03:21:30 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)

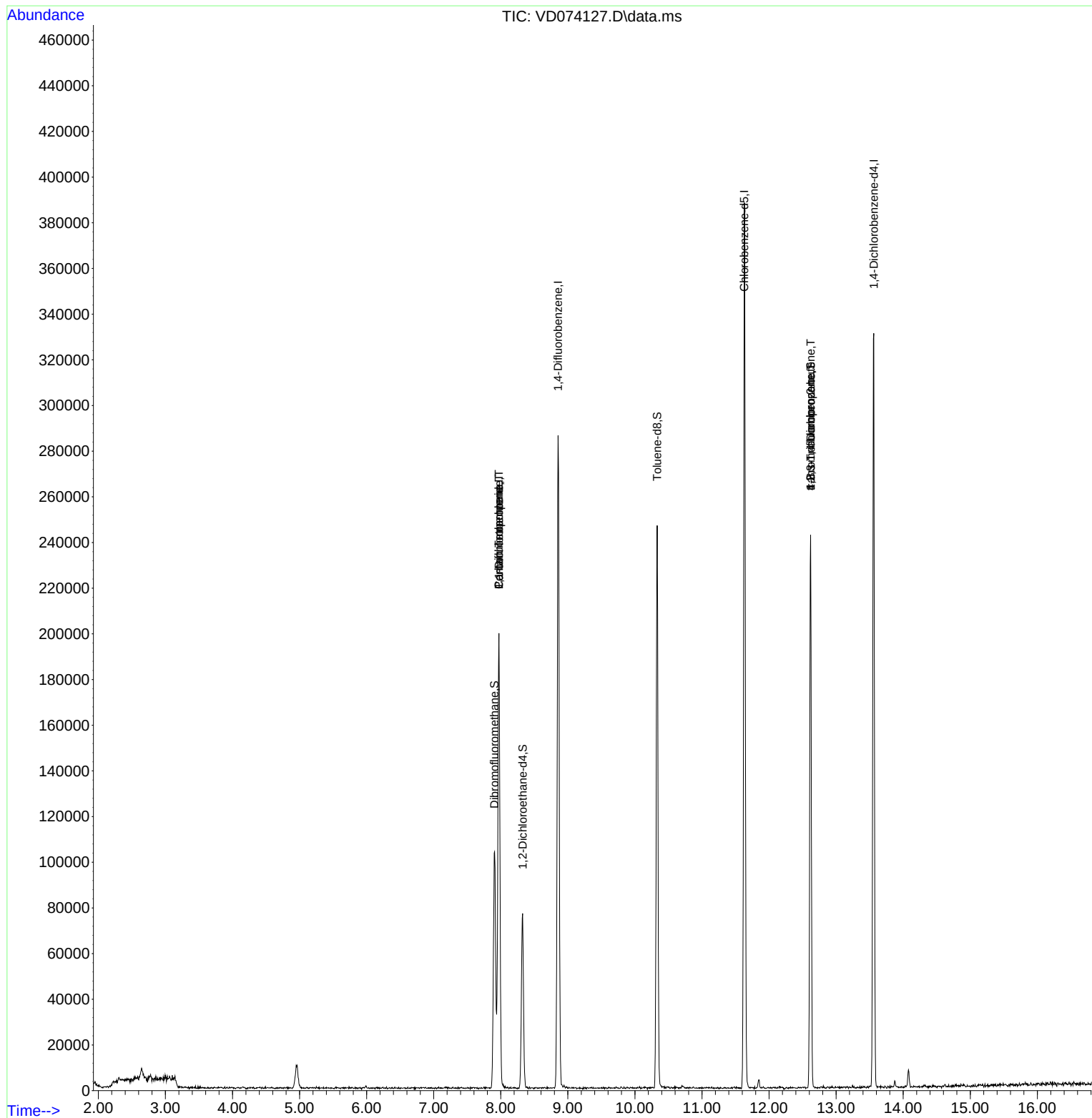
Internal Standards						
1) Pentafluorobenzene	7.973	168	139349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	245334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	220030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	86803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	59233	58.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.720%	
35) Dibromofluoromethane	7.902	113	75312	48.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.080%	
50) Toluene-d8	10.331	98	163801	34.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 68.820%	
62) 4-Bromofluorobenzene	12.620	95	73017	37.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	63	Below Cal	#	43
3) Chloromethane	2.220	50	317	Below Cal	#	40
11) Tert butyl alcohol	5.185	59	56	Below Cal	#	74
16) Acetone	4.161	43	824	Below Cal	#	47
17) Carbon Disulfide	4.408	76	174	Below Cal	#	74
20) Methylene Chloride	4.949	84	7878	Below Cal	#	81
31) Cyclohexane	7.979	56	3442	Below Cal	#	59
36) 1,1-Dichloropropene	7.973	75	11895	5.564	ug/l #	50
38) Carbon Tetrachloride	7.973	117	15454	6.263	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	38947	50.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	38947	140.428	ug/l #	7

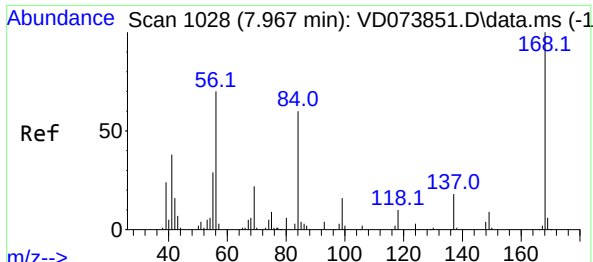
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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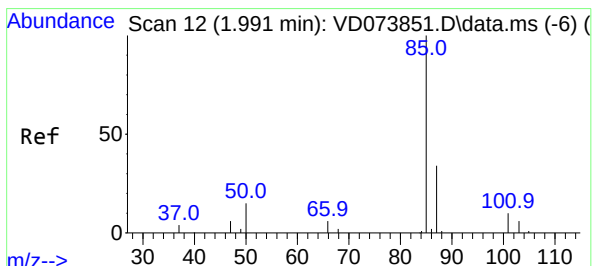
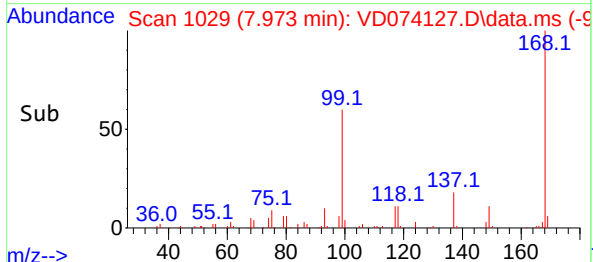
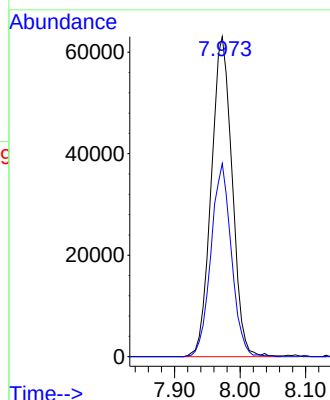
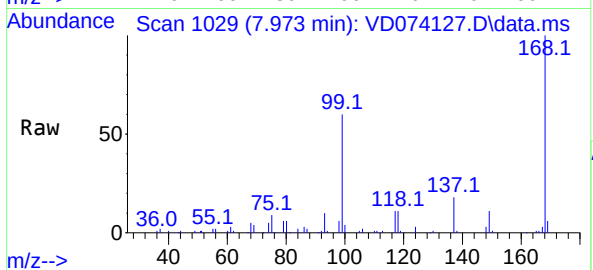




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

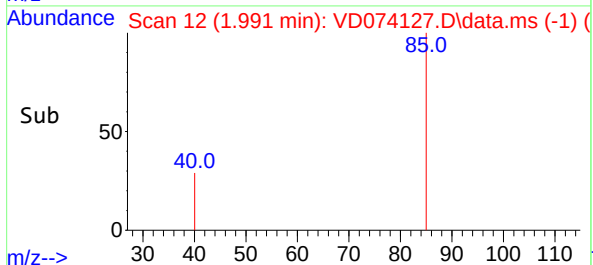
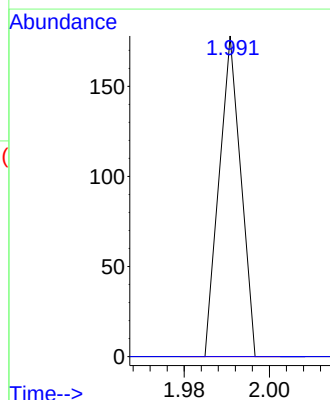
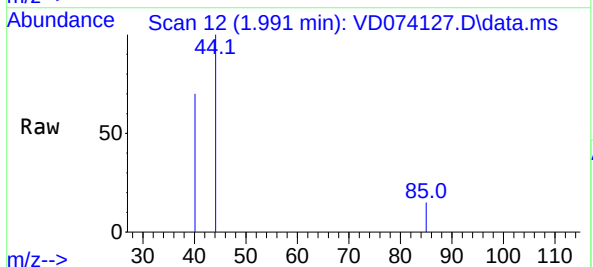
Instrument :
MSVOA_D
ClientSampleId :
S3

Tgt Ion:168 Resp: 139349
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6

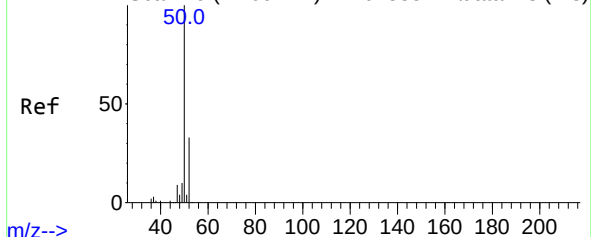


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

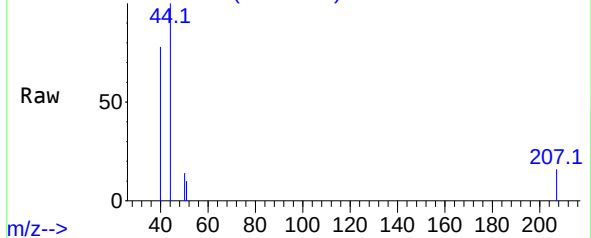
Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



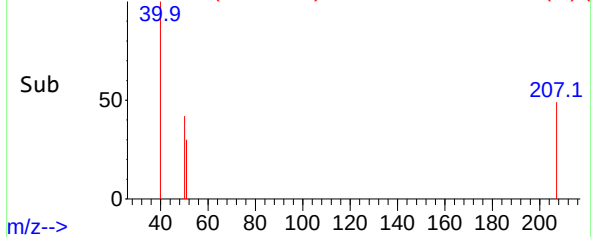
Abundance Scan 49 (2.209 min): VD073851.D\data.ms (-43)



m/z--> Scan 51 (2.220 min): VD074127.D\data.ms



m/z--> Scan 51 (2.220 min): VD074127.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.220 min Scan# 51

Delta R.T. 0.011 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

Instrument :

MSVOA_D

ClientSampleId :

S3

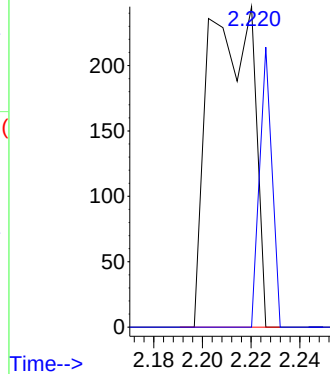
Tgt Ion: 50 Resp: 317

Ion Ratio Lower Upper

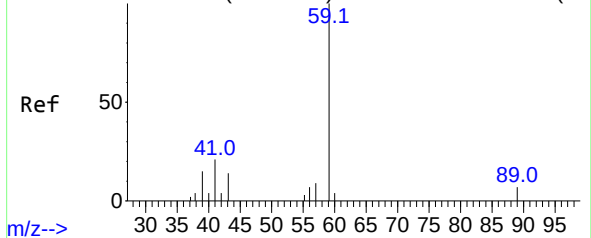
50 100

52 0.0 27.4 41.0#

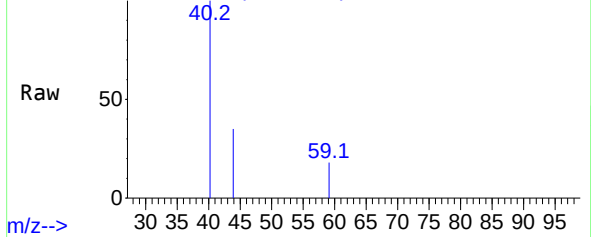
Abundance



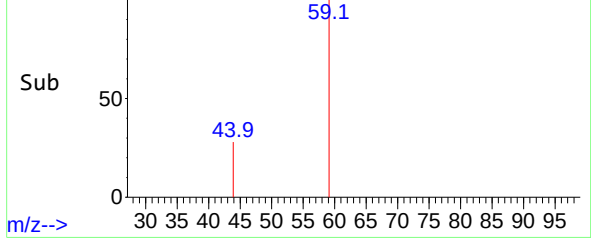
Abundance Scan 561 (5.220 min): VD073851.D\data.ms (-54)



m/z--> Scan 555 (5.185 min): VD074127.D\data.ms



m/z--> Scan 555 (5.185 min): VD074127.D\data.ms (-51)



m/z-->

#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.185 min Scan# 555

Delta R.T. -0.035 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

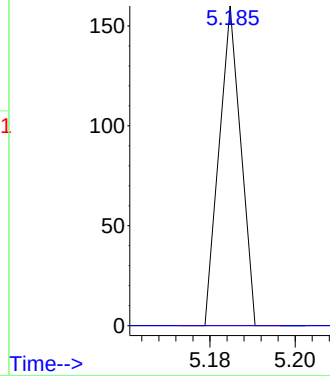
Tgt Ion: 59 Resp: 56

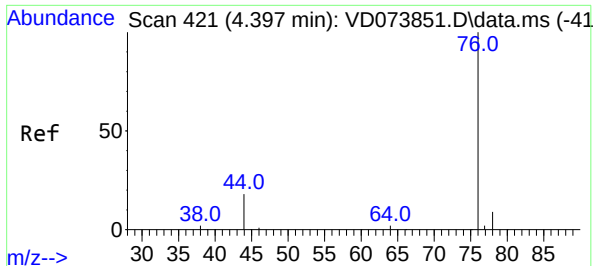
Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#

Abundance

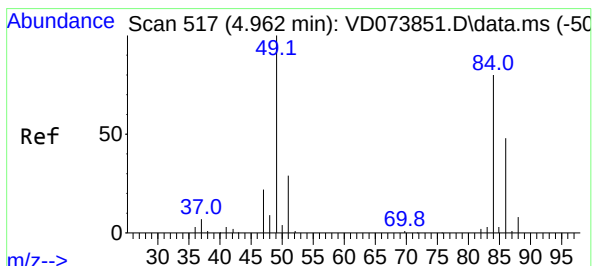
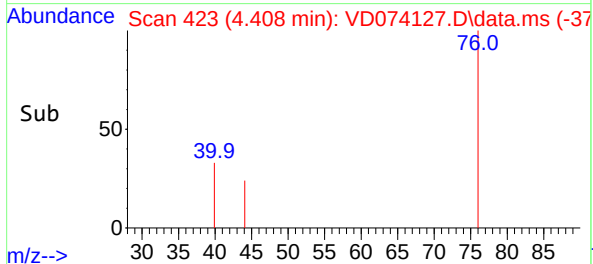
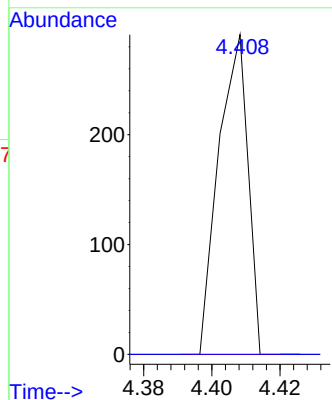
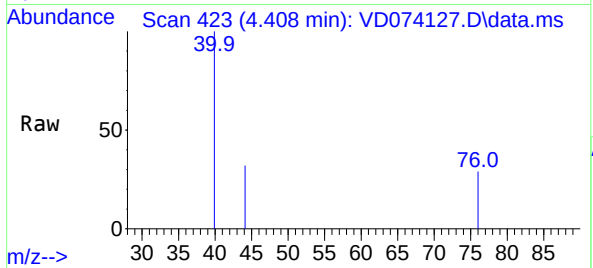




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.408 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

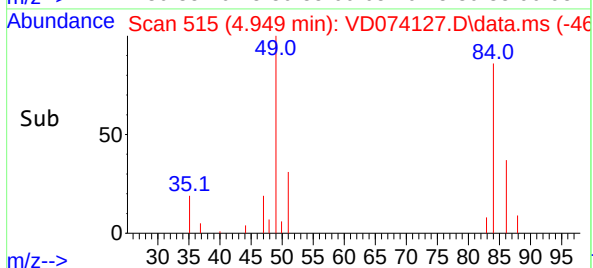
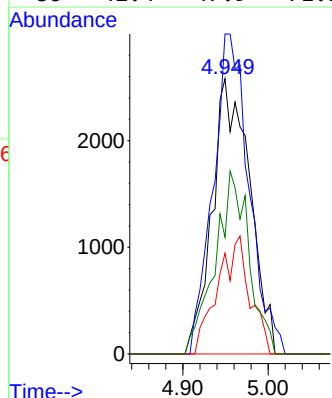
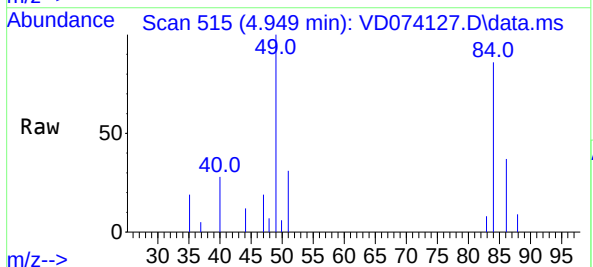
Instrument :
MSVOA_D
ClientSampleId :
S3

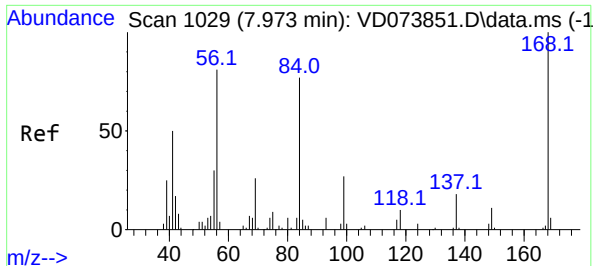
Tgt Ion: 76 Resp: 174
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.949 min Scan# 515
Delta R.T. -0.013 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 84 Resp: 7878
Ion Ratio Lower Upper
84 100
49 116.3 112.8 169.2
51 36.6 32.6 48.8
86 42.4 47.9 71.9#

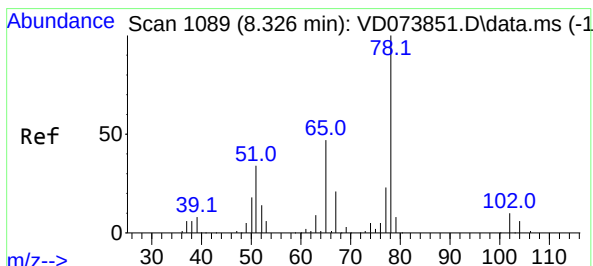
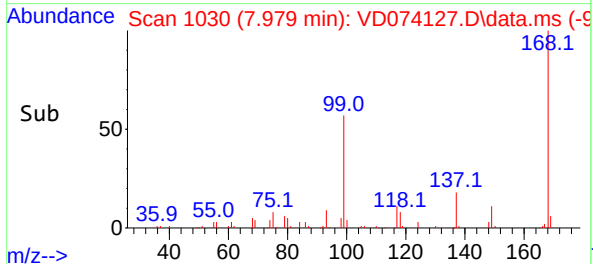
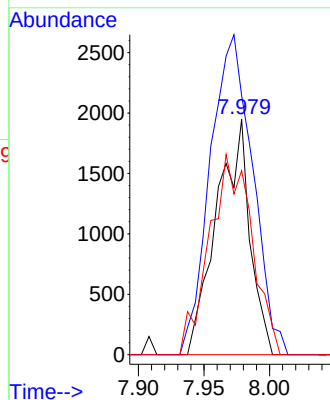
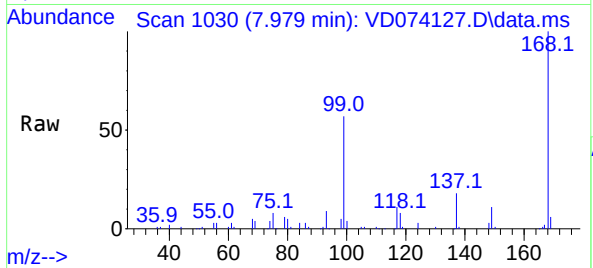




#31
Cyclohexane
Concen: Below Cal
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

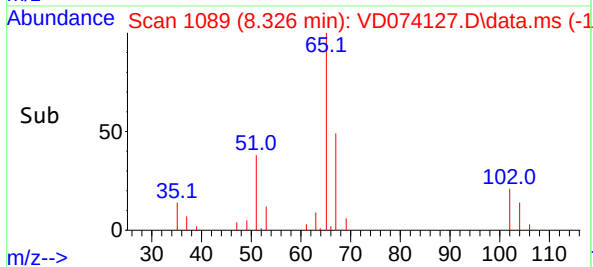
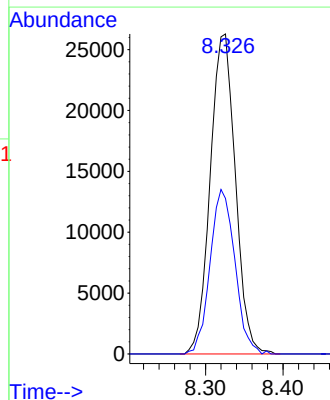
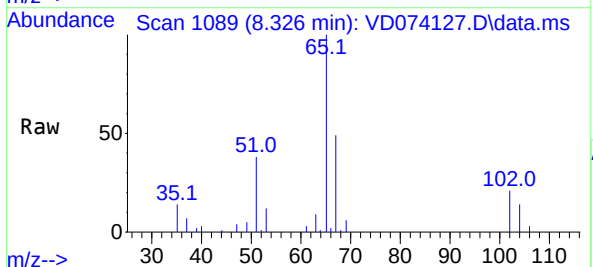
Instrument :
MSVOA_D
ClientSampleId :
S3

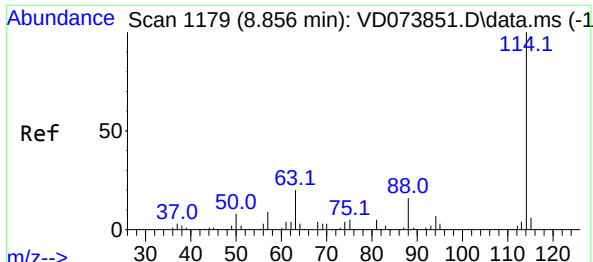
Tgt Ion: 56 Resp: 3442
Ion Ratio Lower Upper
56 100
69 110.0 25.4 38.2#
84 78.1 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 58.357 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 65 Resp: 59233
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4



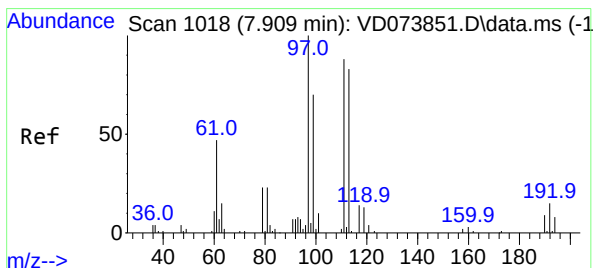
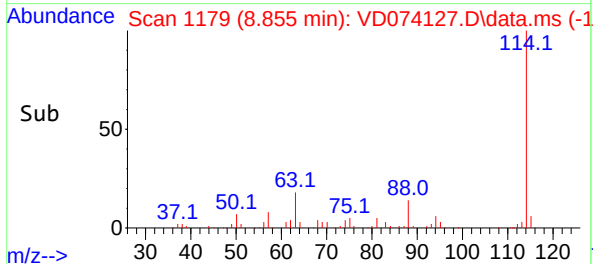
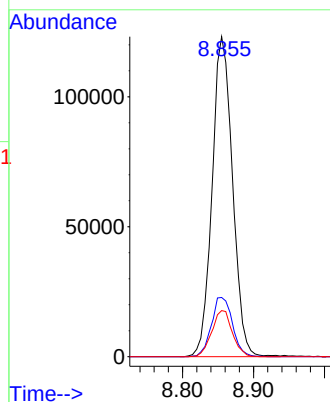
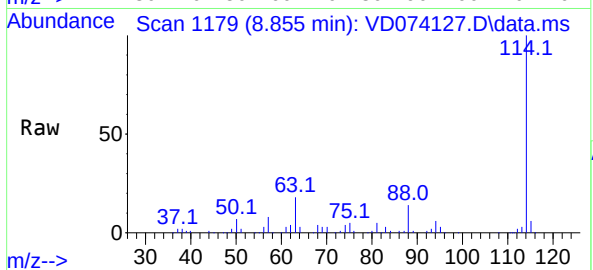


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Instrument :
MSVOA_D
ClientSampleId :
S3

Tgt Ion:114 Resp: 245334

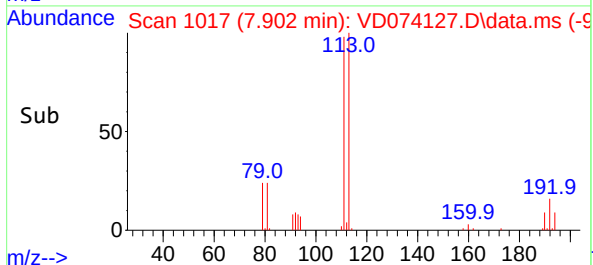
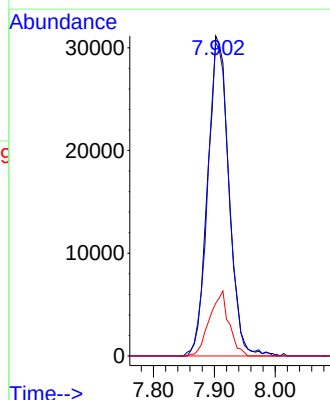
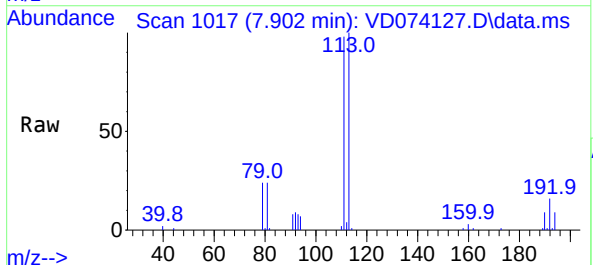
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	46.6
88	14.4	0.0	33.2

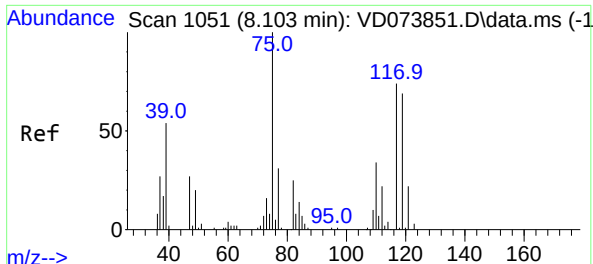


#35
Dibromofluoromethane
Concen: 48.039 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion:113 Resp: 75312

Ion	Ratio	Lower	Upper
113	100		
111	98.4	83.8	125.6
192	18.5	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.564 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

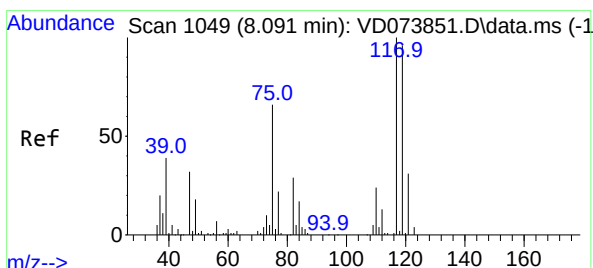
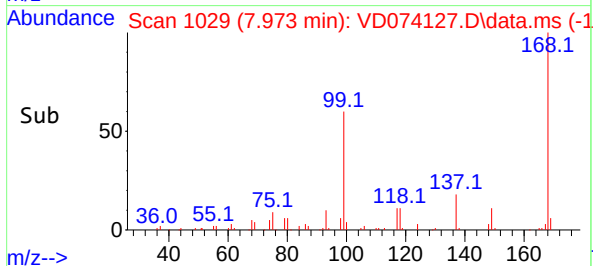
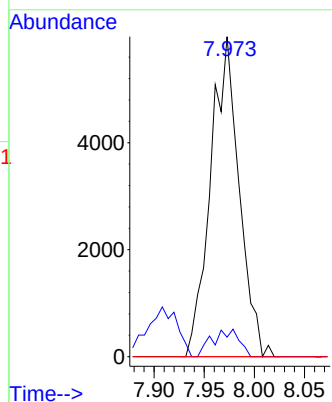
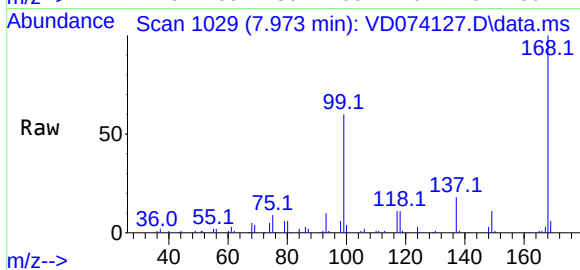
Instrument :

MSVOA_D

ClientSampleId :

S3

Tgt Ion:	75	Resp:	11895
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 6.263 ug/l

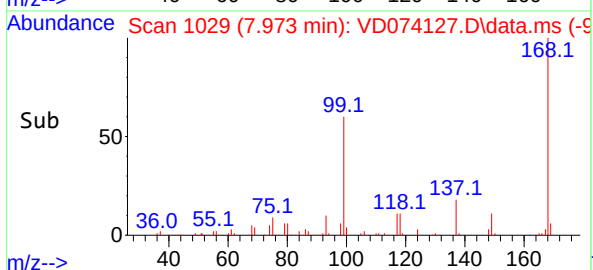
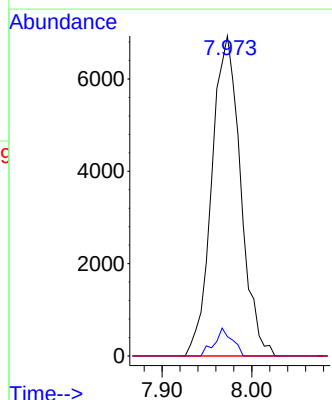
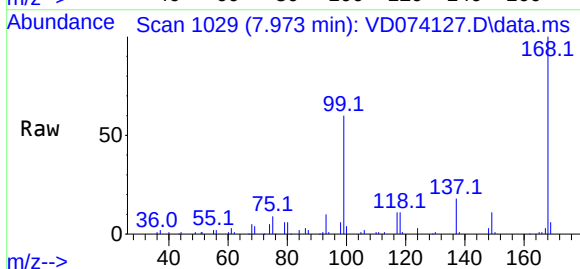
RT: 7.973 min Scan# 1029

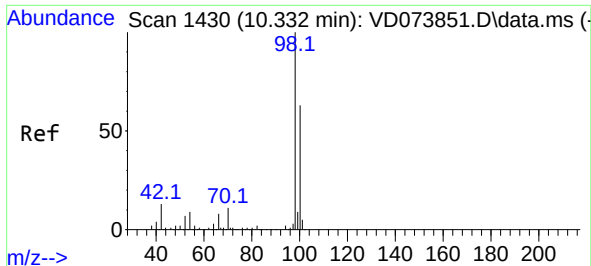
Delta R.T. -0.118 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

Tgt Ion:	117	Resp:	15454
Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.5	36.7#

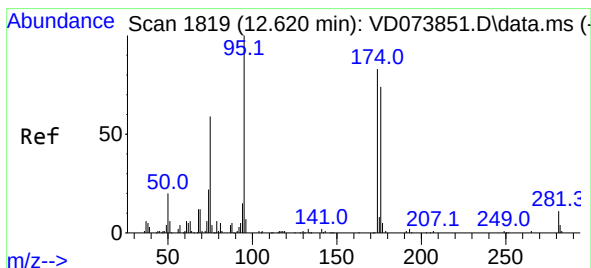
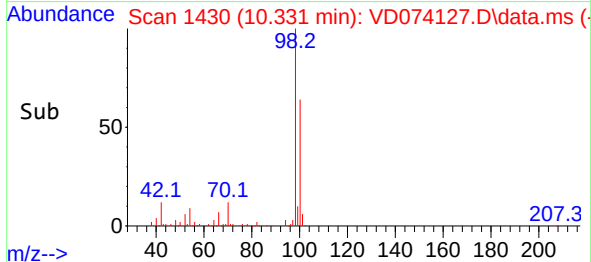
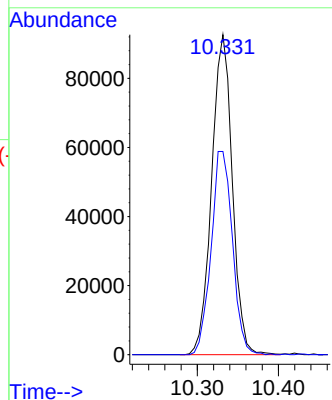
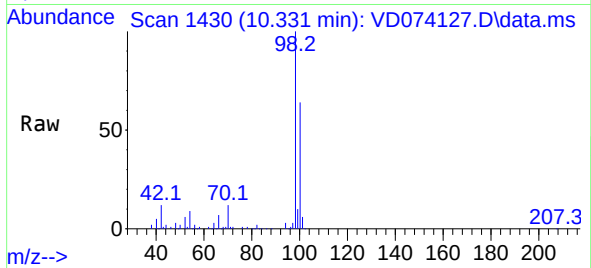




#50
Toluene-d8
Concen: 34.413 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

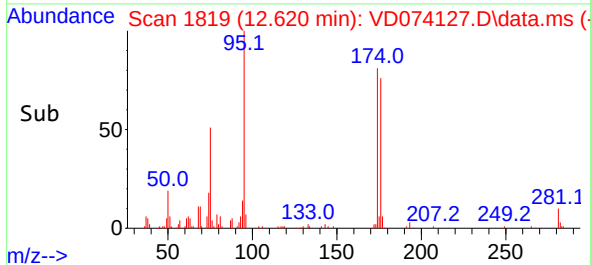
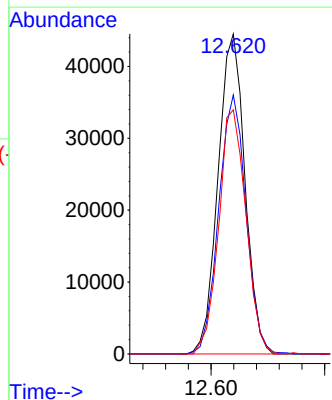
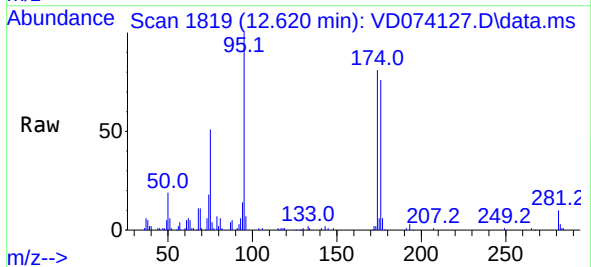
Instrument :
MSVOA_D
ClientSampleId :
S3

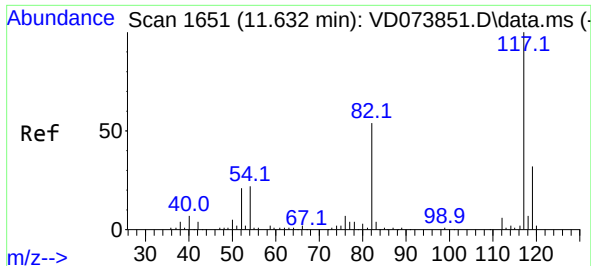
Tgt Ion: 98 Resp: 163801
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.148 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 95 Resp: 73017
Ion Ratio Lower Upper
95 100
174 82.1 0.0 152.8
176 77.4 0.0 145.4

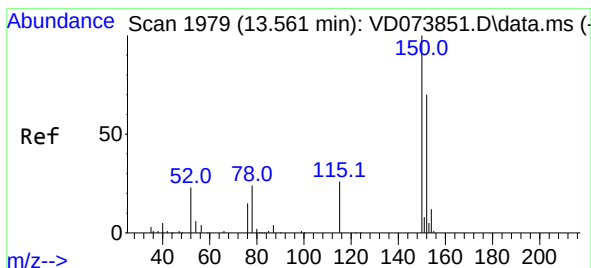
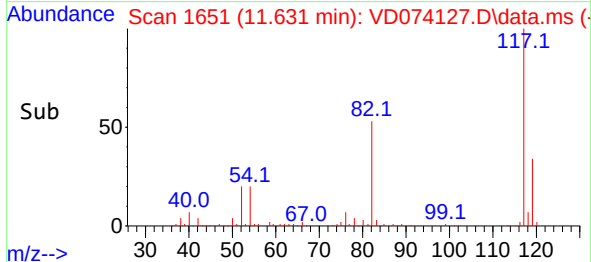
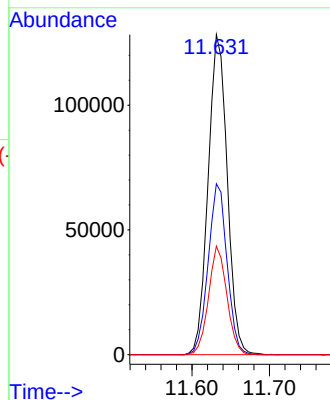
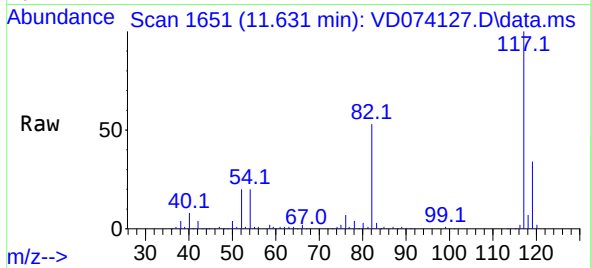




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

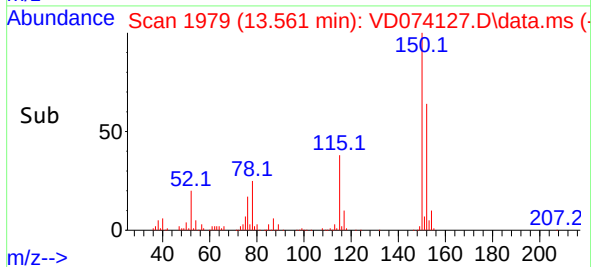
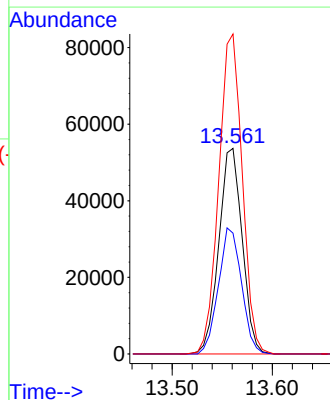
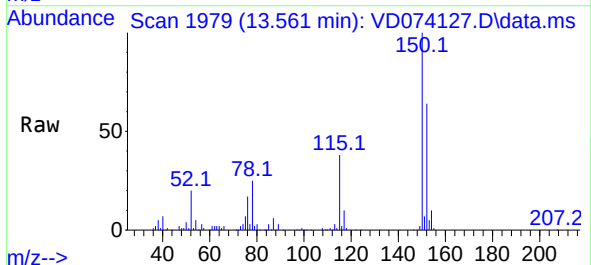
Instrument :
MSVOA_D
ClientSampleId :
S3

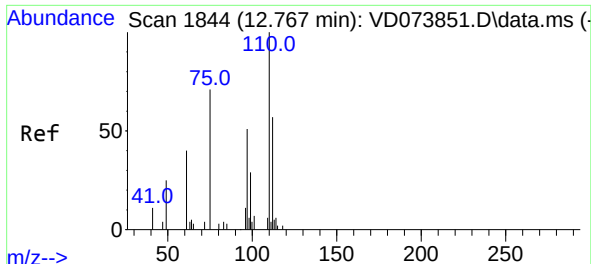
Tgt Ion:117 Resp: 220030
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 33.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion:152 Resp: 86803
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.5 0.0 348.6

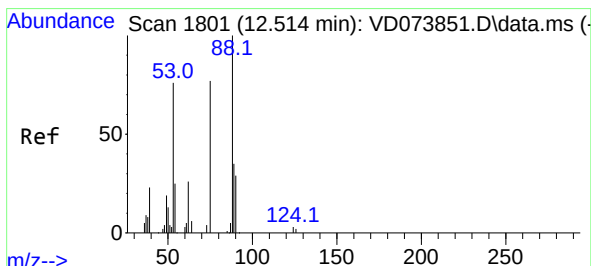
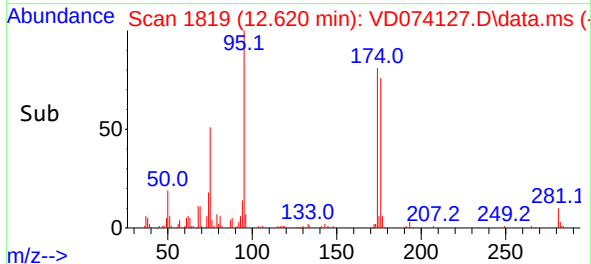
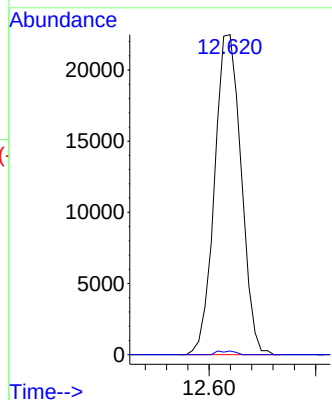
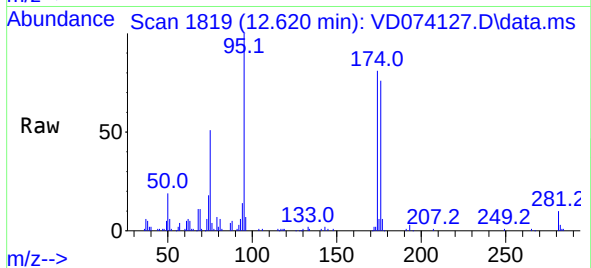




#76
1,2,3-Trichloropropane
Concen: 50.353 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Instrument :
MSVOA_D
ClientSampleId :
S3

Tgt Ion: 75 Resp: 38947
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.428 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 75 Resp: 38947
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#

