

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074151.D
 Acq On : 19 Aug 2022 16:29
 Operator : VA/SY
 Sample : N4215-03RE
 Misc : 7.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: Aug 20 01:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

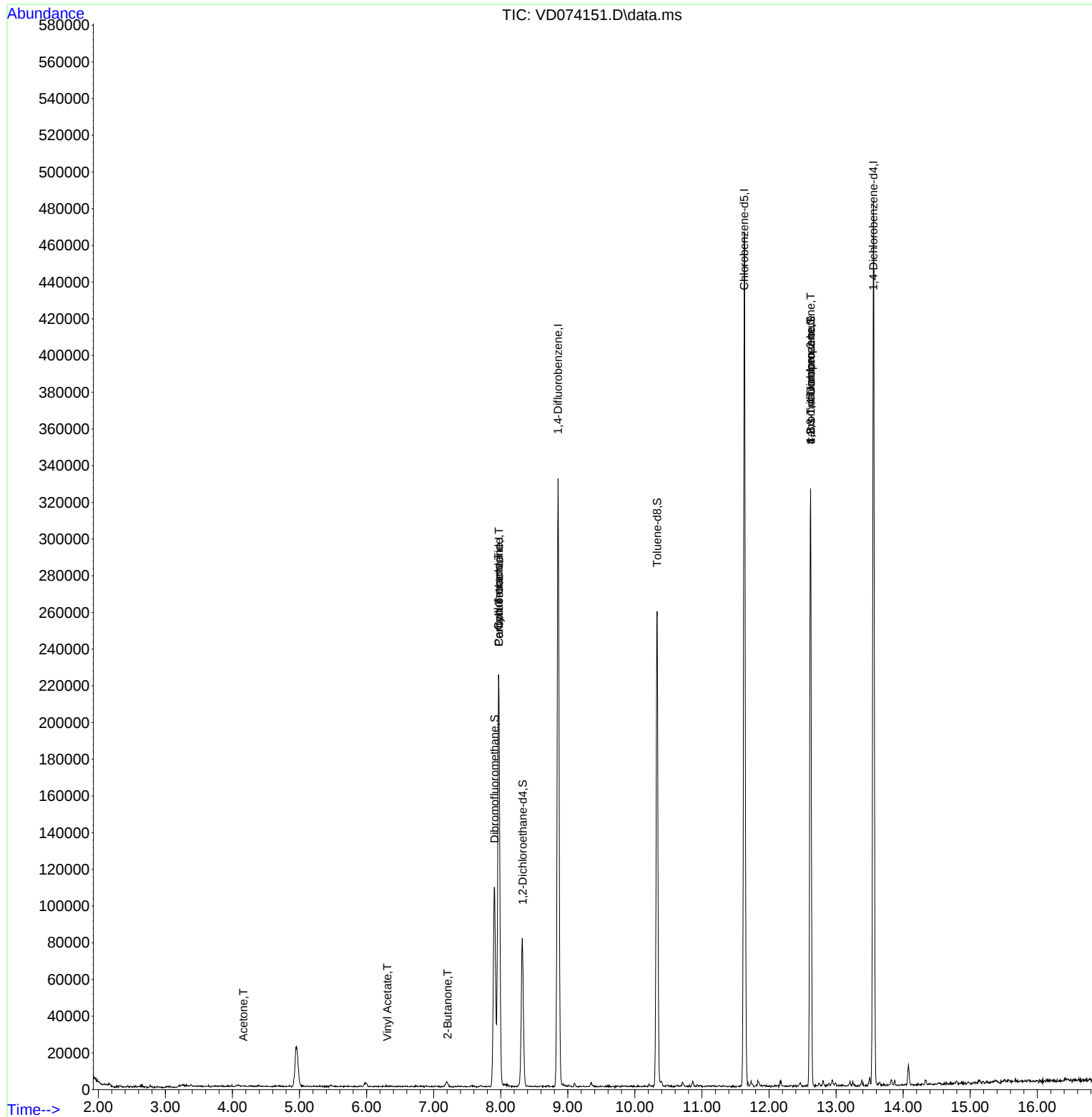
Internal Standards						
1) Pentafluorobenzene	7.973	168	158886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	277935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	261065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	125968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	64213	54.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.909	113	80700	60.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.140%	
50) Toluene-d8	10.332	98	177307	46.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.320%	
62) 4-Bromofluorobenzene	12.620	95	102552	49.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	421	Below Cal	#	43
11) Tert butyl alcohol	5.215	59	59	Below Cal	#	74
16) Acetone	4.162	43	782	2.284	ug/l #	47
20) Methylene Chloride	4.944	84	17975	Below Cal	#	77
23) Vinyl Acetate	6.309	43	193	7.638	ug/l #	75
25) 2-Butanone	7.209	43	736	1.318	ug/l #	52
31) Cyclohexane	7.967	56	4753	1.413	ug/l #	1
38) Carbon Tetrachloride	7.973	117	17045	6.058	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	52987	40.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	52987	106.288	ug/l #	7

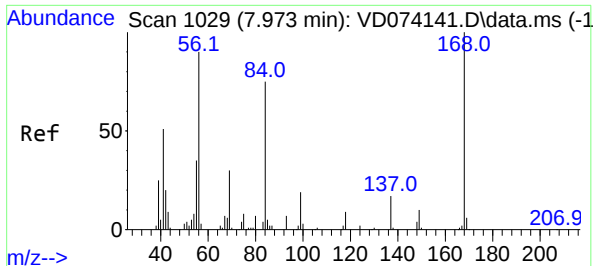
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074151.D

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Instrument :

MSVOA_D

ClientSampleId :

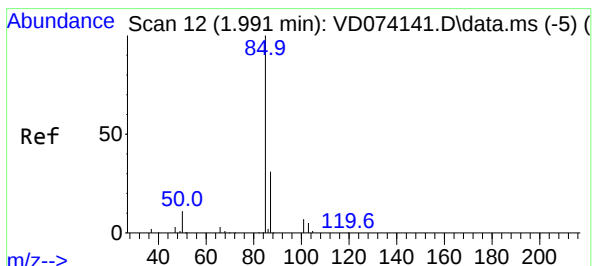
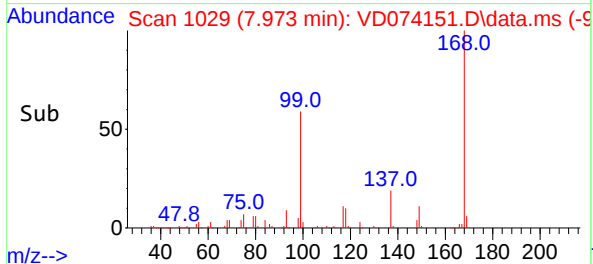
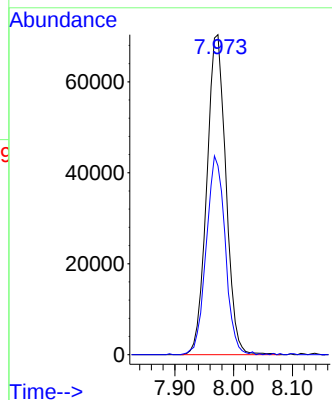
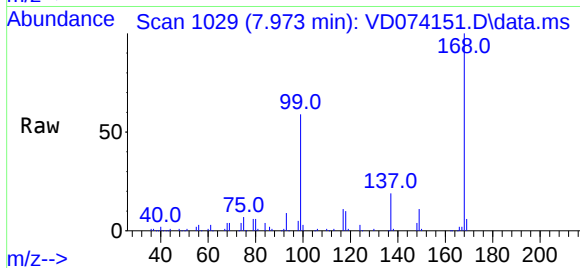
WC-2

Tgt Ion:168 Resp: 158886

Ion Ratio Lower Upper

168 100

99 59.0 49.8 74.6



Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074151.D

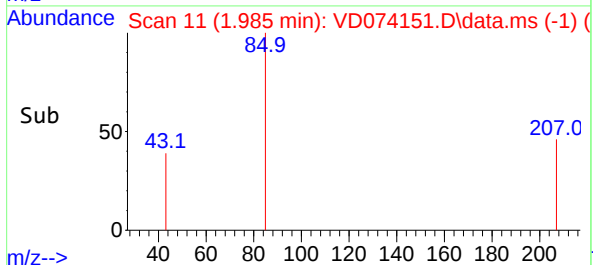
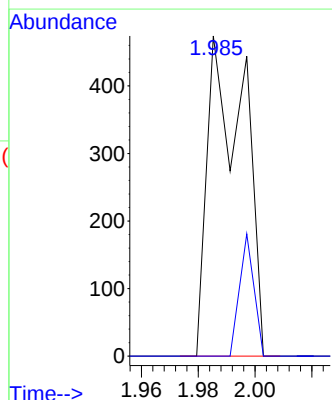
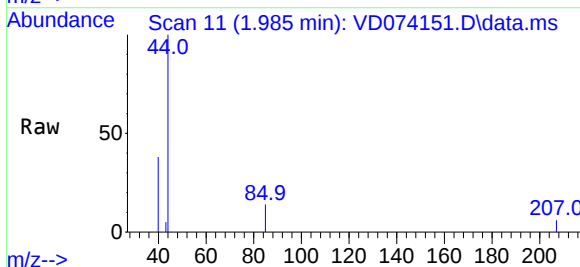
Acq: 19 Aug 2022 16:29

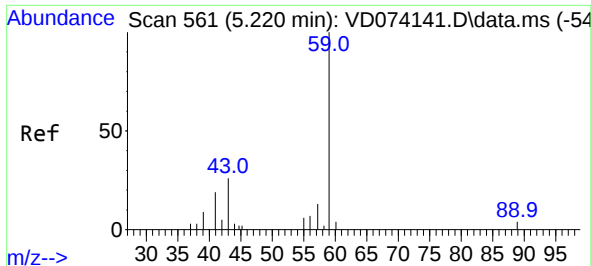
Tgt Ion: 85 Resp: 421

Ion Ratio Lower Upper

85 100

87 0.0 15.7 47.0#

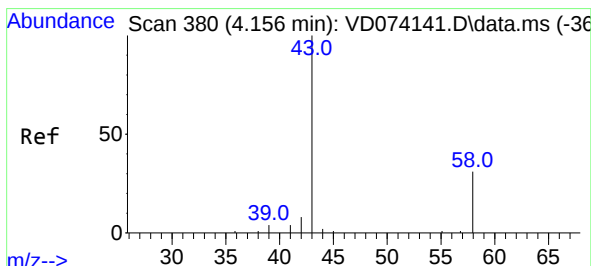
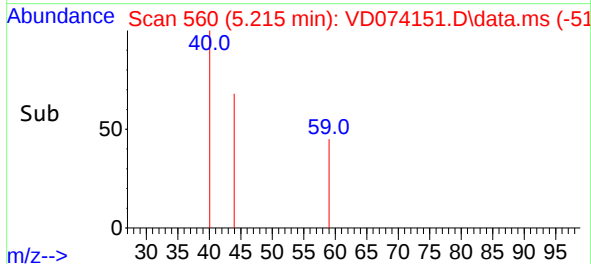
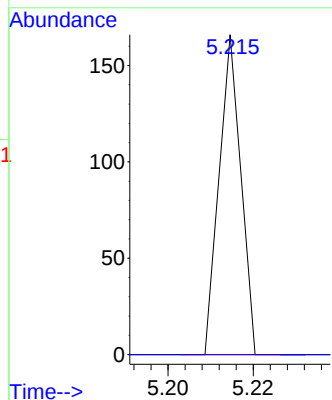
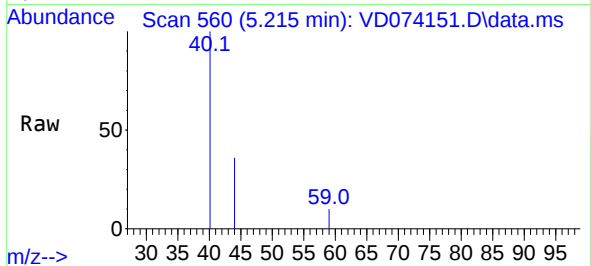




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 50
Delta R.T. -0.005 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

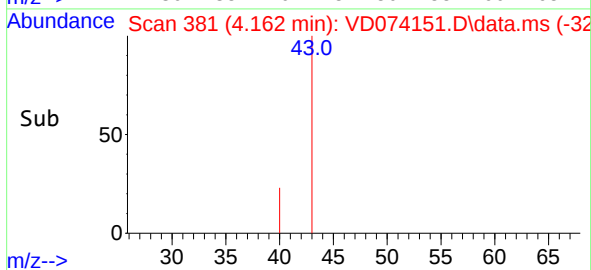
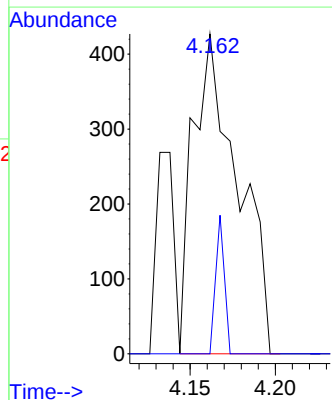
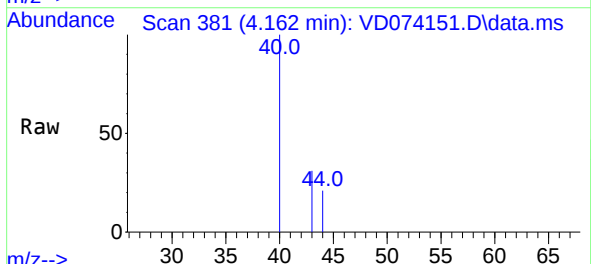
Instrument :
MSVOA_D
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WC-2

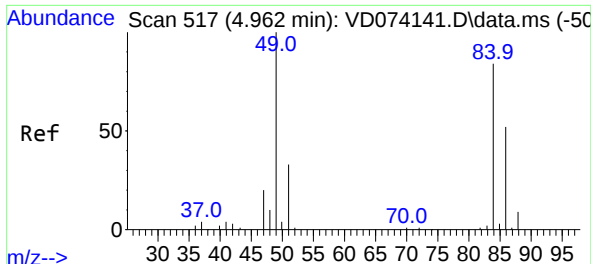
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.284 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

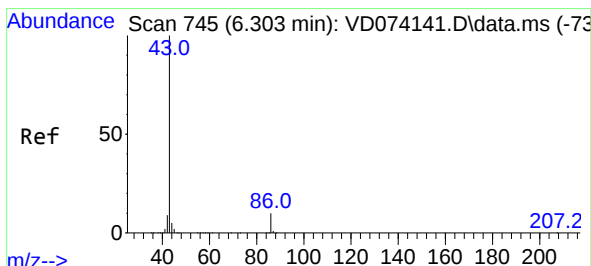
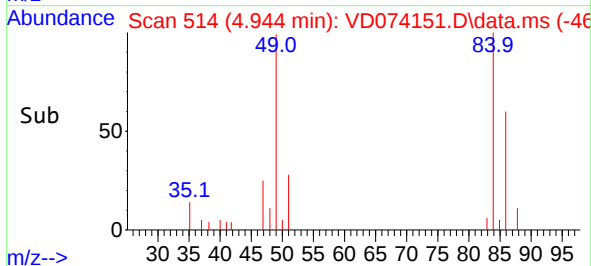
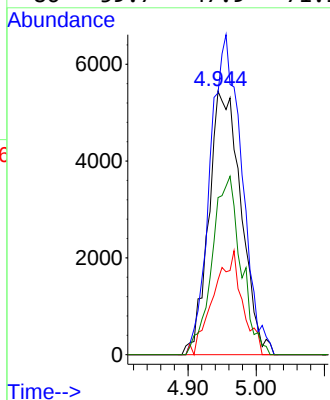
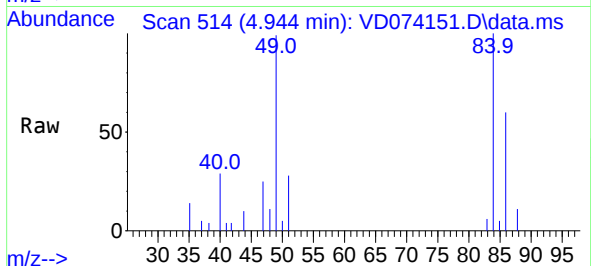




#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

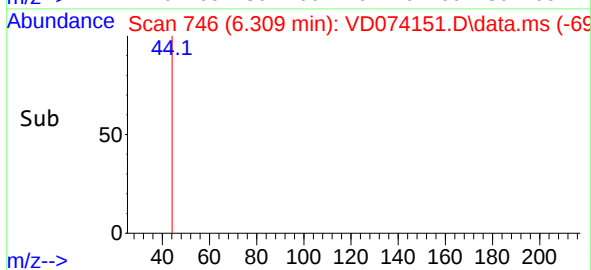
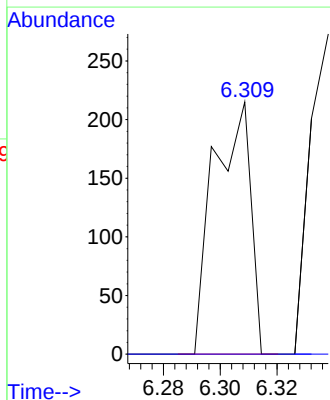
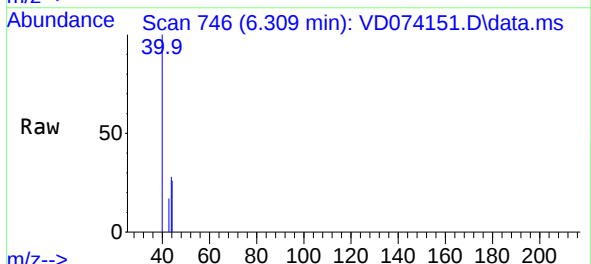
Instrument :
MSVOA_D
ClientSampleId :
WC-2

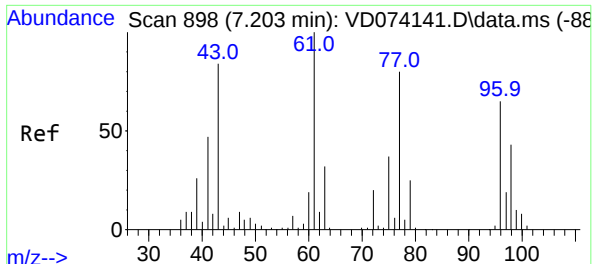
Tgt Ion:	84	Resp:	17975
Ion	Ratio	Lower	Upper
84	100		
49	99.4	112.8	169.2#
51	28.5	32.6	48.8#
86	59.7	47.9	71.9



#23
Vinyl Acetate
Concen: 7.638 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion:	43	Resp:	193
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

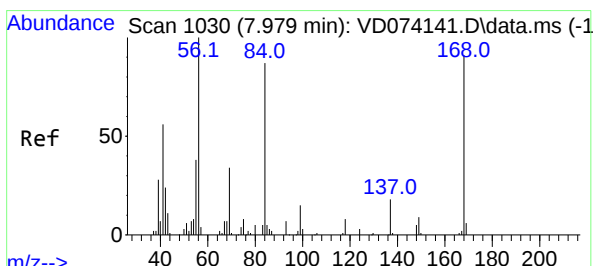
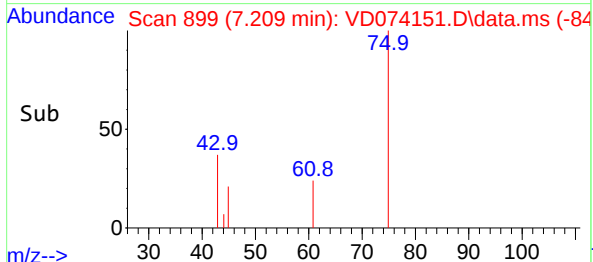
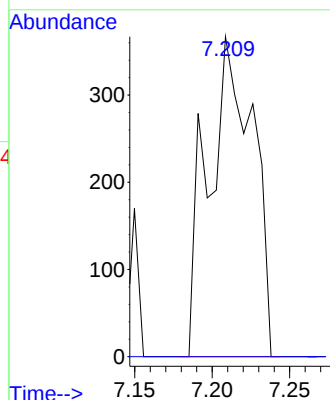
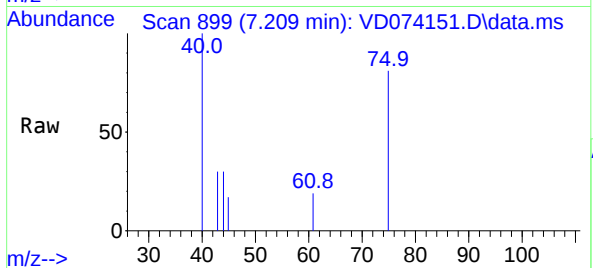




#25
2-Butanone
Concen: 1.318 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

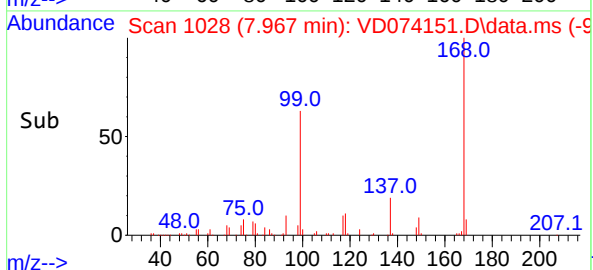
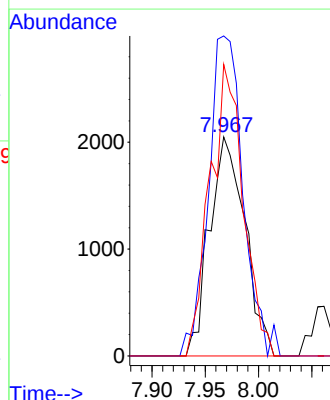
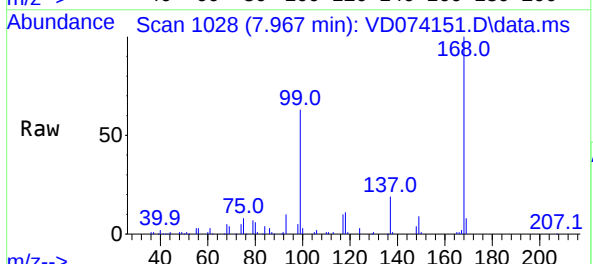
Instrument :
MSVOA_D
ClientSampleId :
WC-2

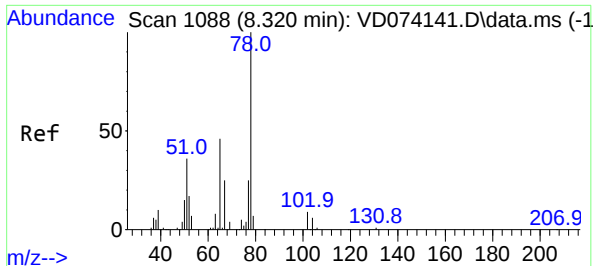
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 56 Resp: 4753
Ion Ratio Lower Upper
56 100
69 146.1 25.4 38.2#
84 133.1 63.0 94.4#

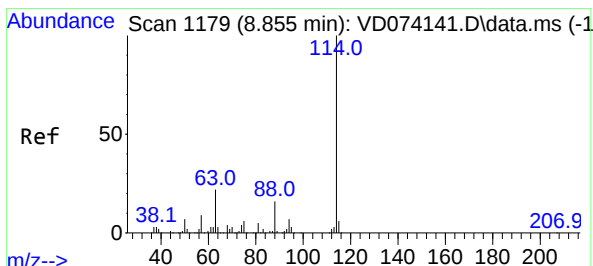
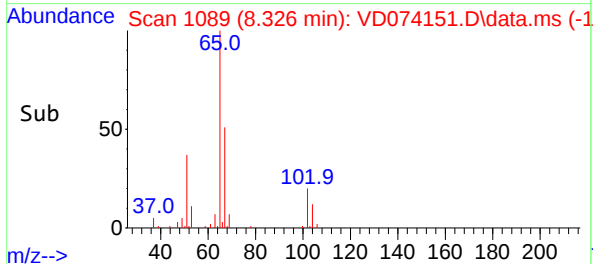
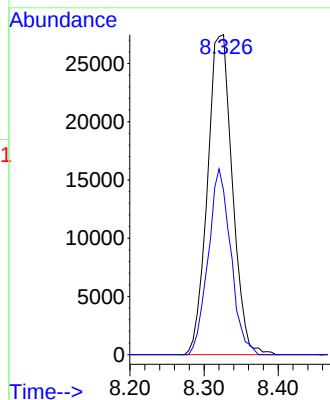
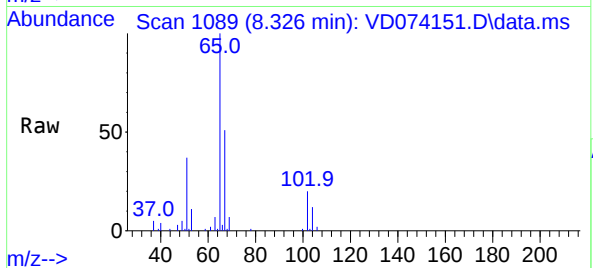




#33
1,2-Dichloroethane-d4
Concen: 54.942 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

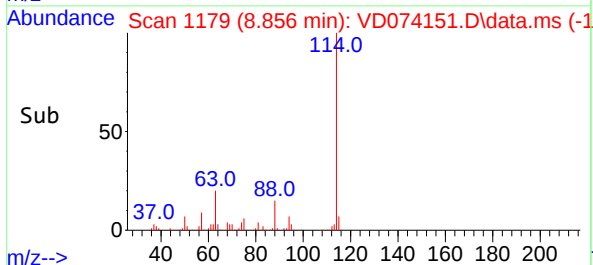
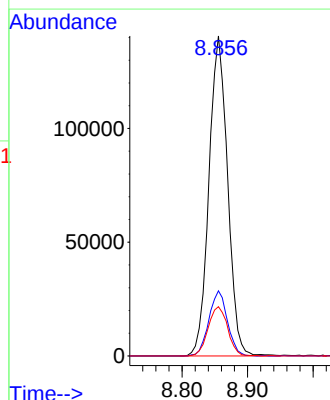
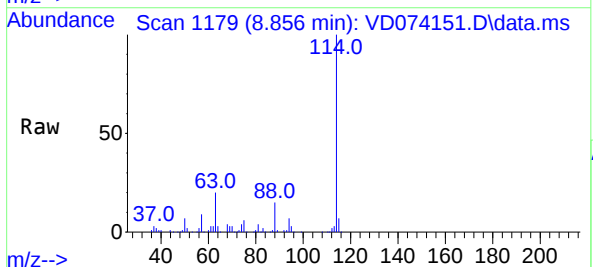
Instrument :
MSVOA_D
ClientSampleId :
WC-2

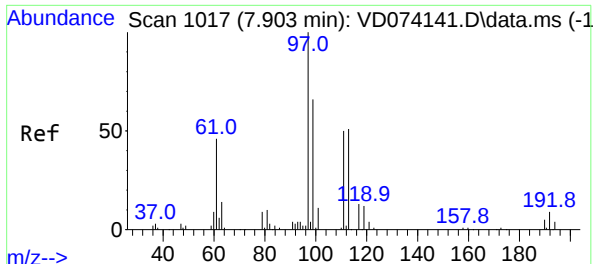
Tgt Ion: 65 Resp: 64213
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 114 Resp: 277935
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 15.4 0.0 33.2

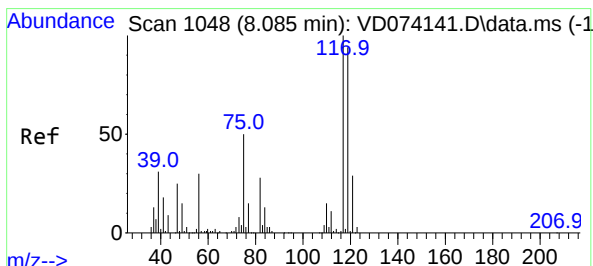
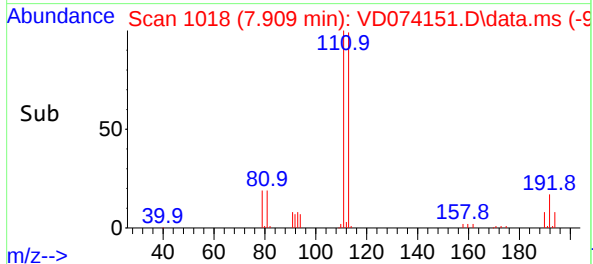
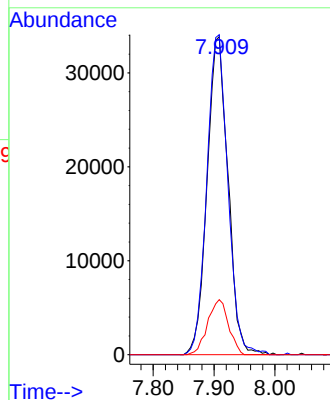
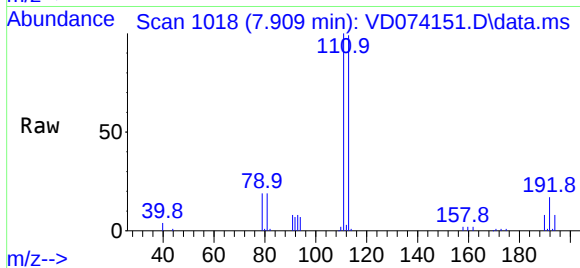




#35
Dibromofluoromethane
Concen: 60.073 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

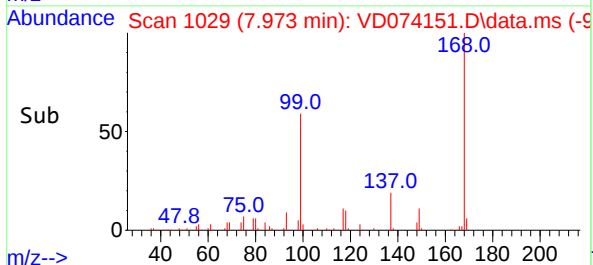
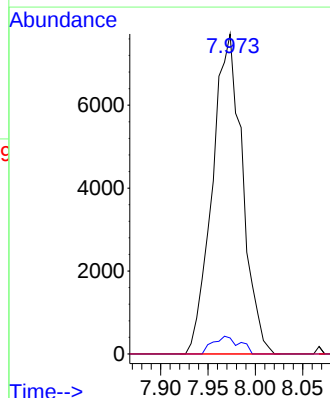
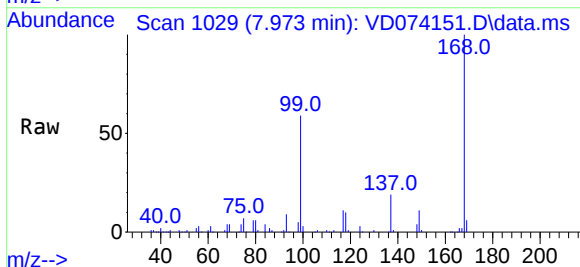
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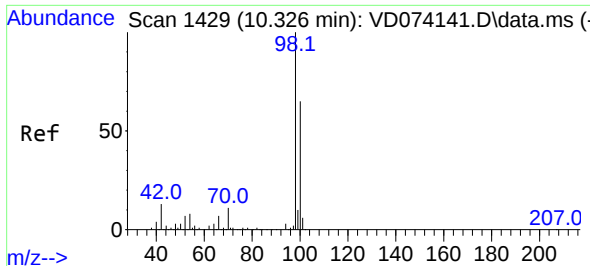
Tgt Ion:113 Resp: 80700
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.3 14.6 21.8



#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion:117 Resp: 17045
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#

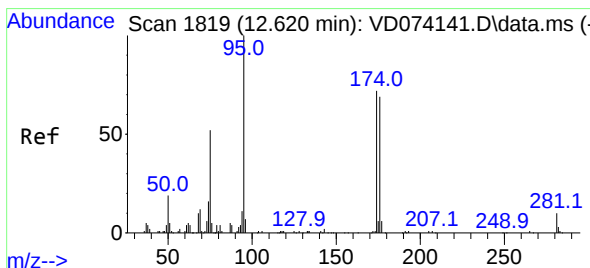
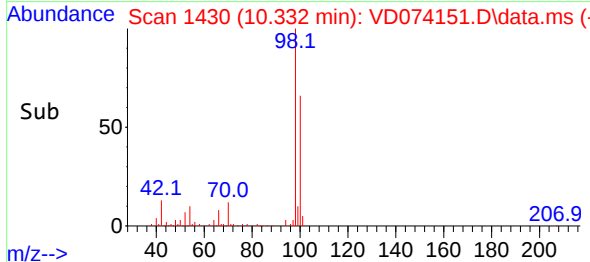
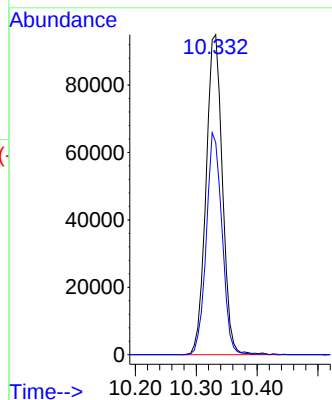
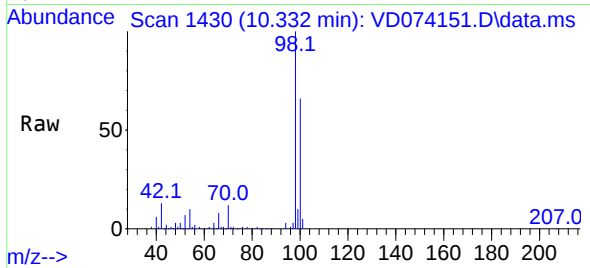




#50
Toluene-d8
Concen: 46.156 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

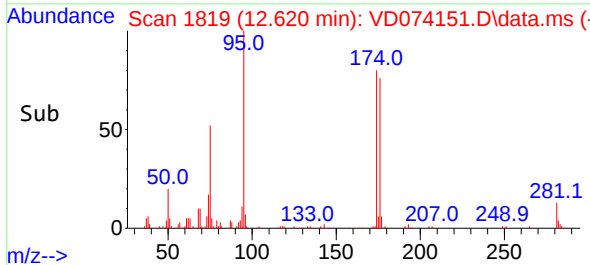
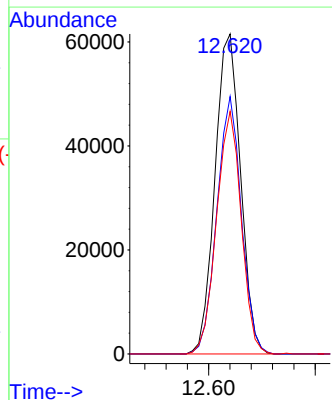
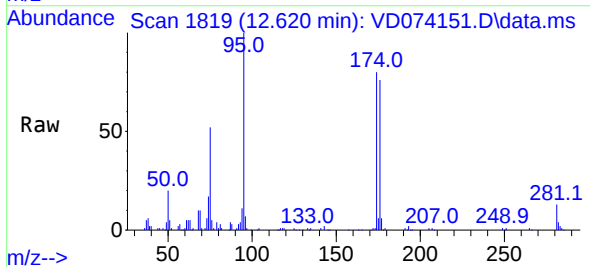
Instrument :
MSVOA_D
ClientSampleId :
WC-2

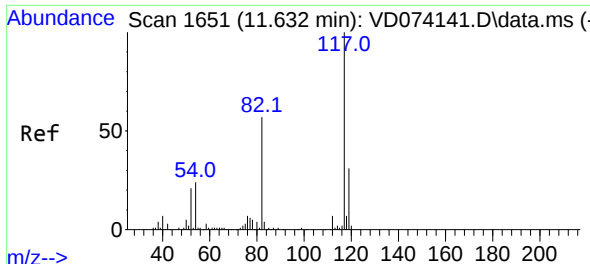
Tgt Ion: 98 Resp: 177307
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 95 Resp: 102552
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.0 0.0 145.4

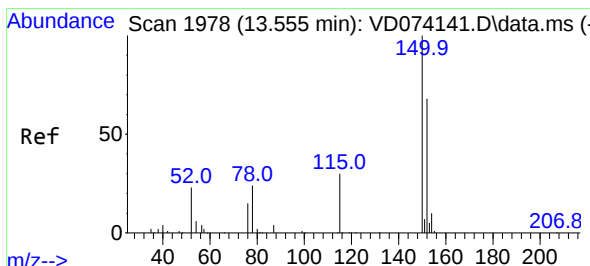
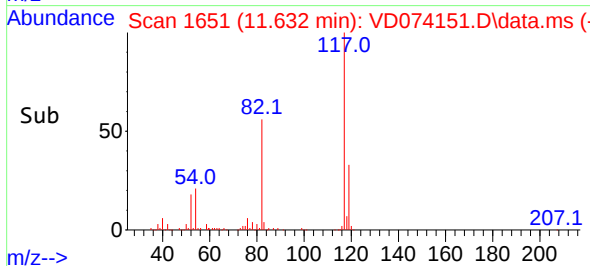
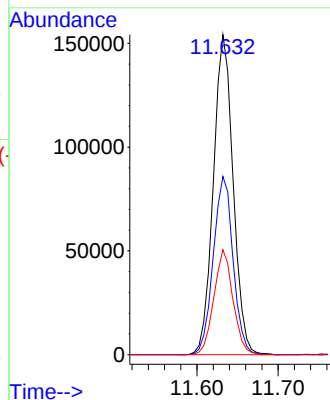
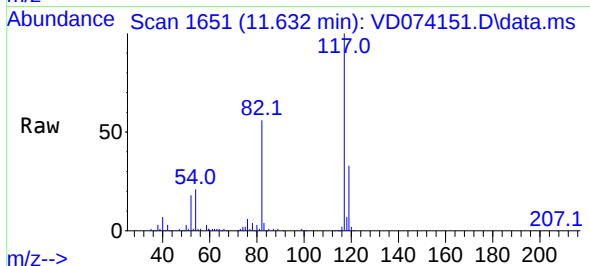




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

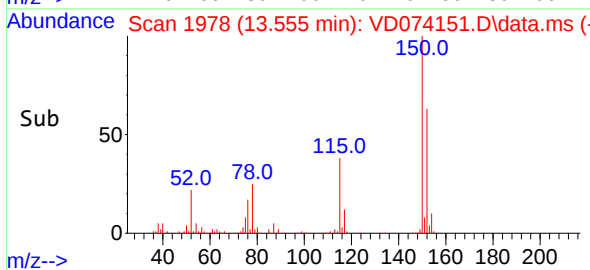
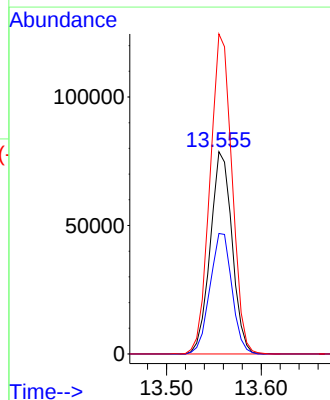
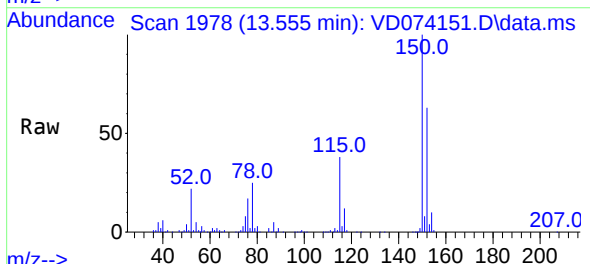
Instrument :
MSVOA_D
ClientSampleId :
WC-2

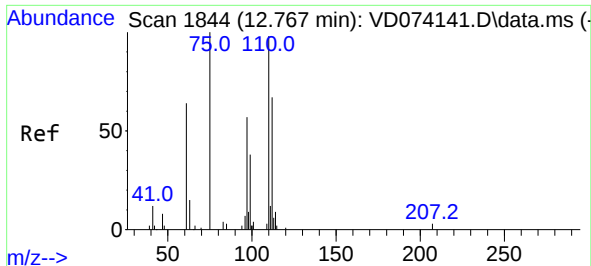
Tgt Ion:117 Resp: 261065
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion:152 Resp: 125968
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 159.4 0.0 348.6

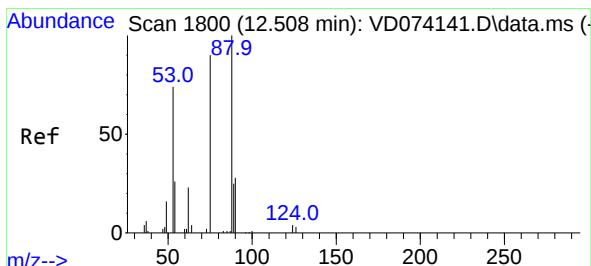
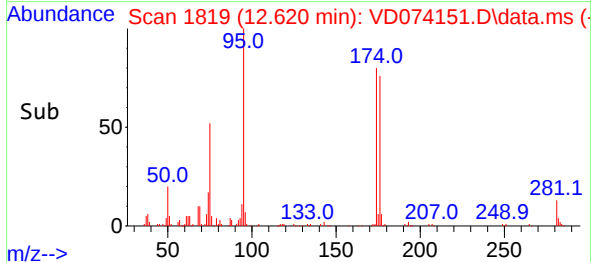
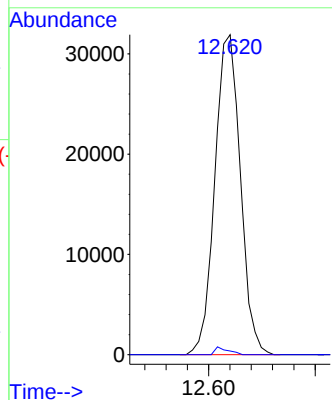
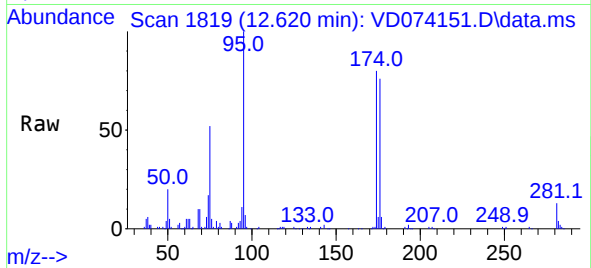




#76
1,2,3-Trichloropropane
Concen: 40.618 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 52987
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.288 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.112 min
Lab File: VD074151.D
Acq: 19 Aug 2022 16:29

Tgt Ion: 75 Resp: 52987
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

