

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074152.D
 Acq On : 19 Aug 2022 16:58
 Operator : VA/SY
 Sample : N4215-01RE
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Aug 20 01:25:57 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)

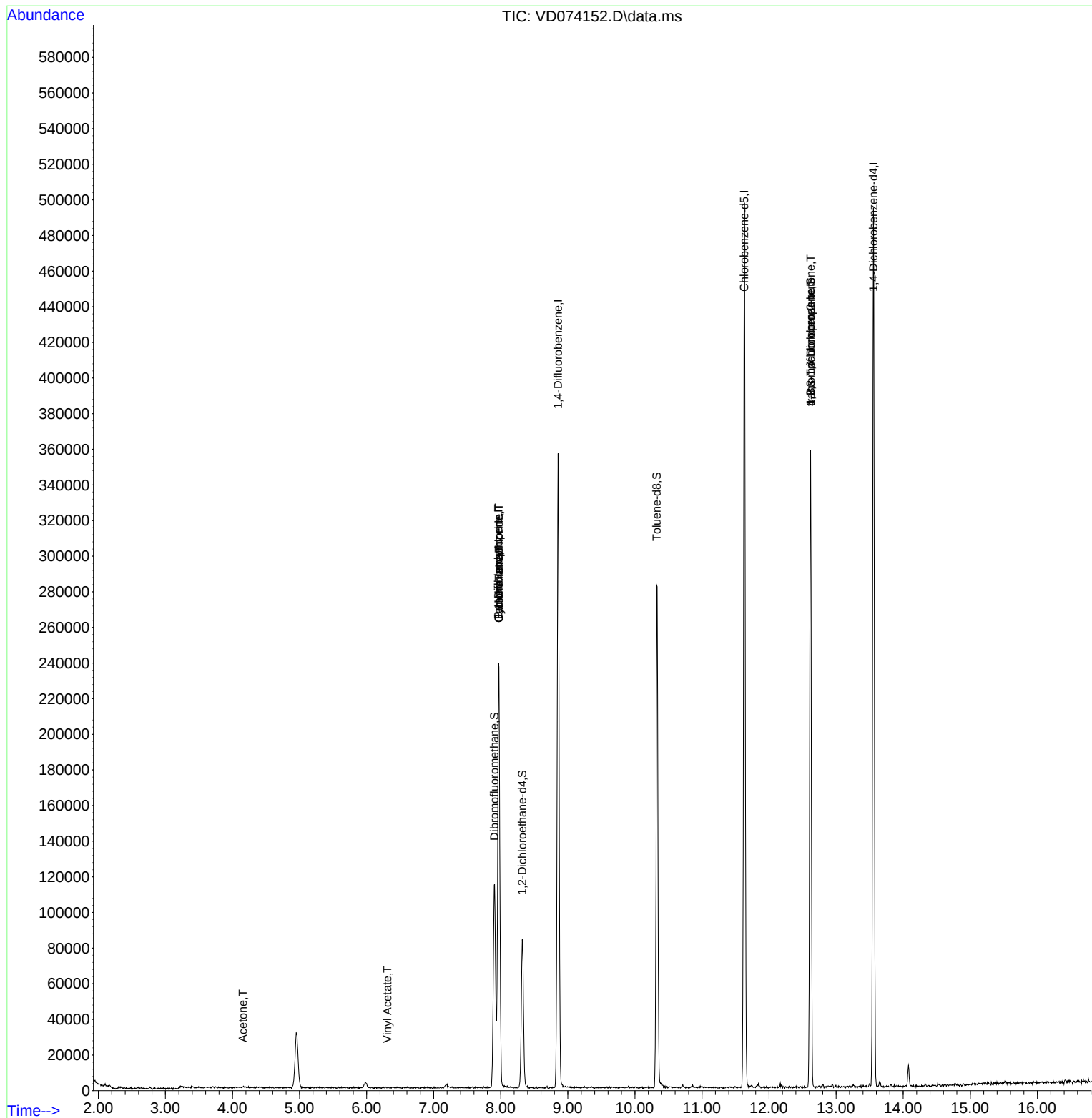
Internal Standards						
1) Pentafluorobenzene	7.967	168	168674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	297113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	280263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	134418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66571	53.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.980%	
35) Dibromofluoromethane	7.902	113	83852	58.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.520%	
50) Toluene-d8	10.326	98	191571	46.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.440%	
62) 4-Bromofluorobenzene	12.620	95	108906	48.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	124	Below Cal	#	43
11) Tert butyl alcohol	5.191	59	65	Below Cal	#	74
16) Acetone	4.156	43	702	1.932	ug/l #	47
20) Methylene Chloride	4.956	84	24317	Below Cal	#	79
23) Vinyl Acetate	6.308	43	133	7.617	ug/l #	75
31) Cyclohexane	7.973	56	4756	1.331	ug/l #	21
36) 1,1-Dichloropropene	7.967	75	14570	4.791	ug/l #	52
38) Carbon Tetrachloride	7.973	117	17758	5.904	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	56162	40.346	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	56162	105.574	ug/l #	7

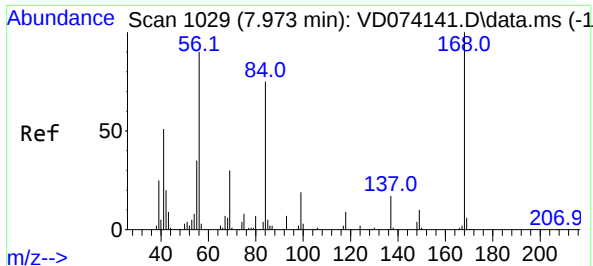
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.967 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD074152.D

Acq: 19 Aug 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

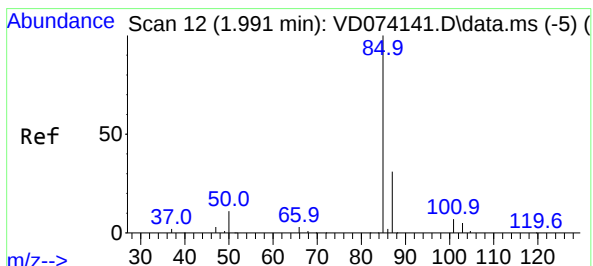
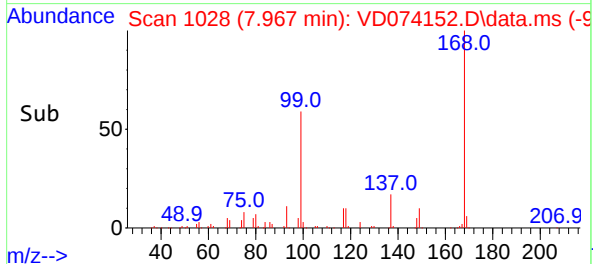
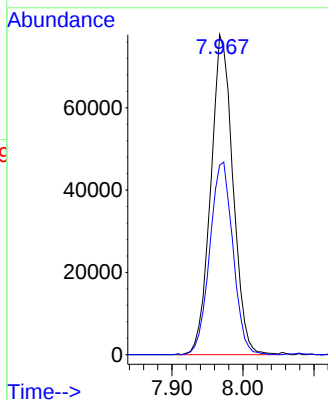
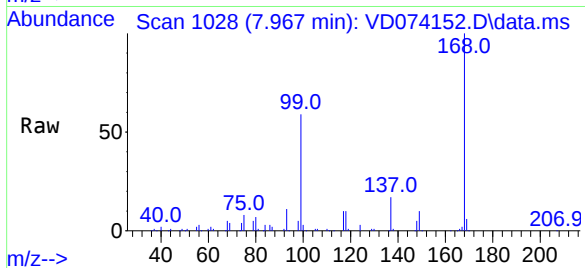
WC-1

Tgt Ion:168 Resp: 168674

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD074152.D

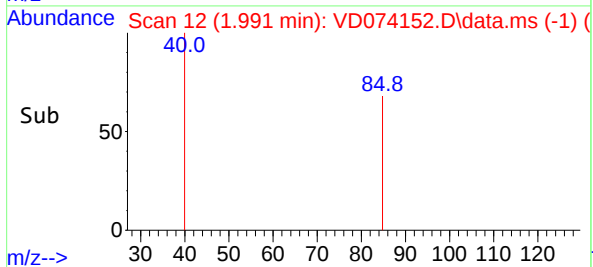
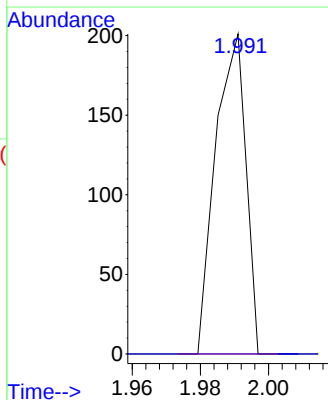
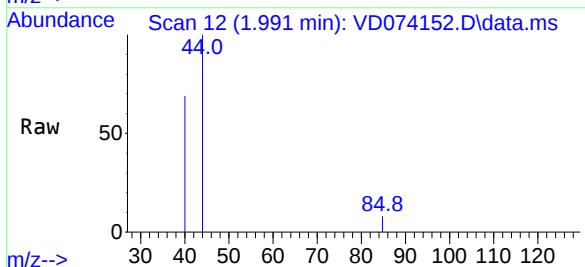
Acq: 19 Aug 2022 16:58

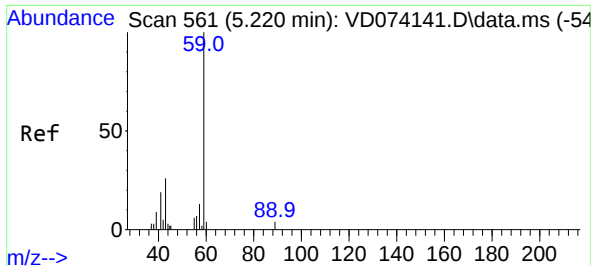
Tgt Ion: 85 Resp: 124

Ion Ratio Lower Upper

85 100

87 0.0 15.7 47.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.191 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD074152.D

Acq: 19 Aug 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

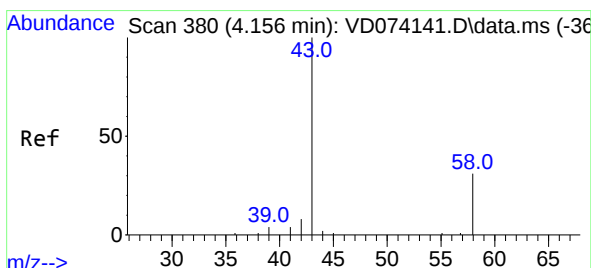
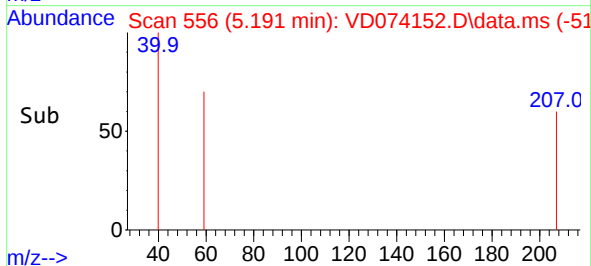
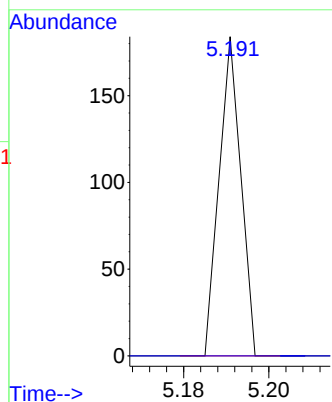
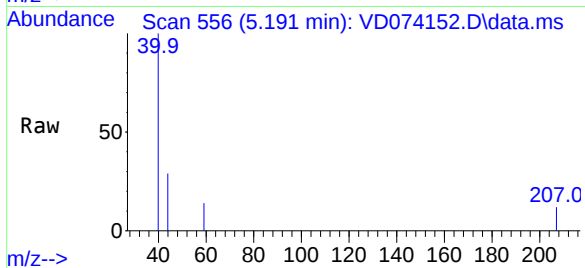
WC-1

Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 1.932 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD074152.D

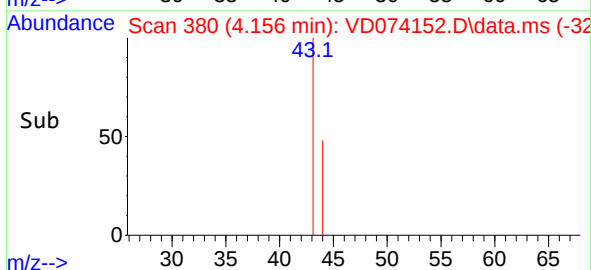
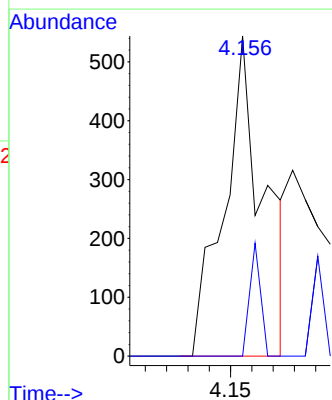
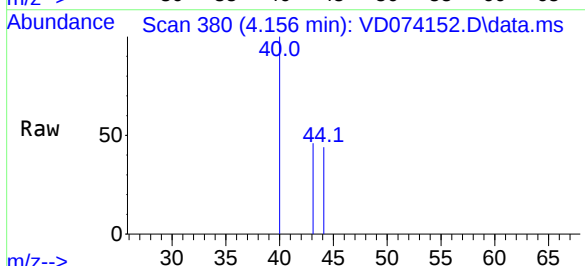
Acq: 19 Aug 2022 16:58

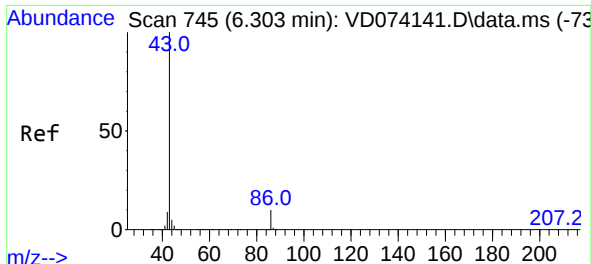
Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

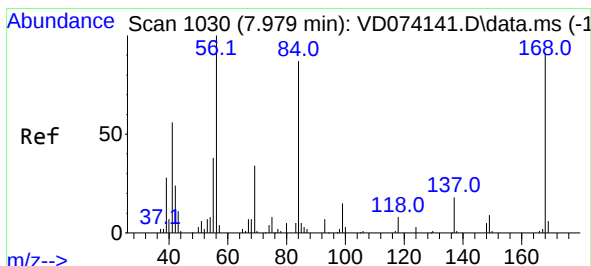
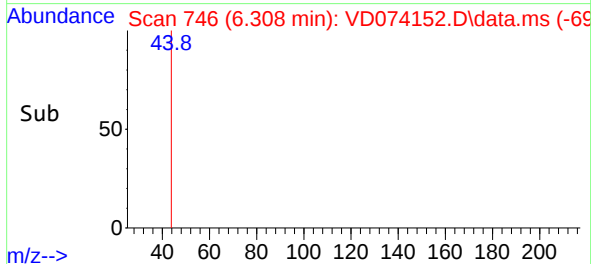
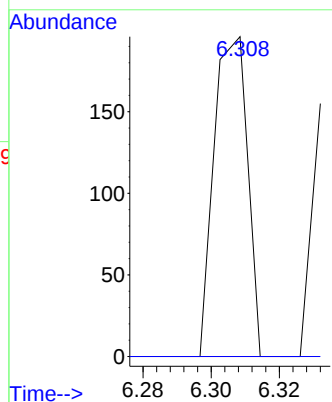
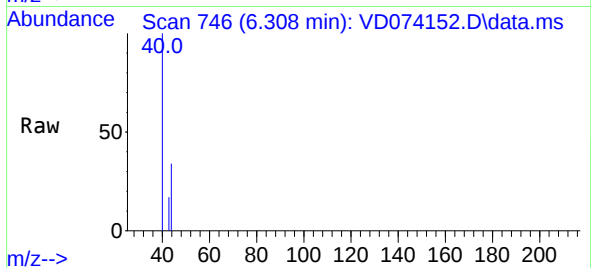




#23
 Vinyl Acetate
 Concen: 7.617 ug/l
 RT: 6.308 min Scan# 74
 Delta R.T. 0.005 min
 Lab File: VD074152.D
 Acq: 19 Aug 2022 16:58

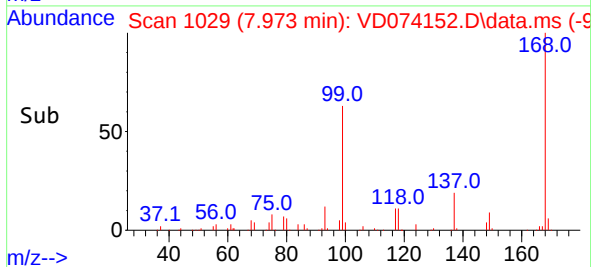
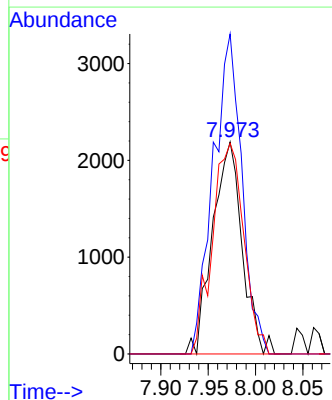
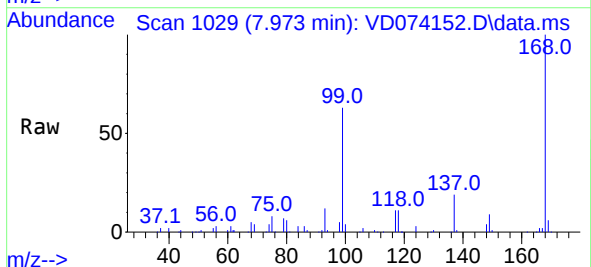
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

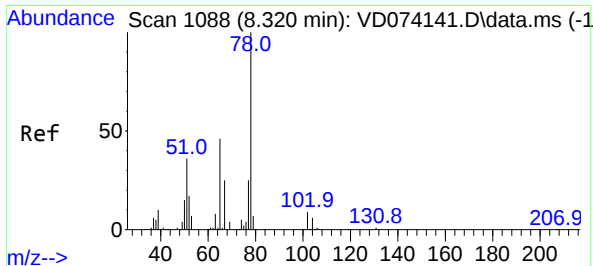
Tgt Ion: 43 Resp: 133
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.331 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD074152.D
 Acq: 19 Aug 2022 16:58

Tgt Ion: 56 Resp: 4756
 Ion Ratio Lower Upper
 56 100
 69 151.0 25.4 38.2#
 84 99.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.494 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074152.D

Acq: 19 Aug 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

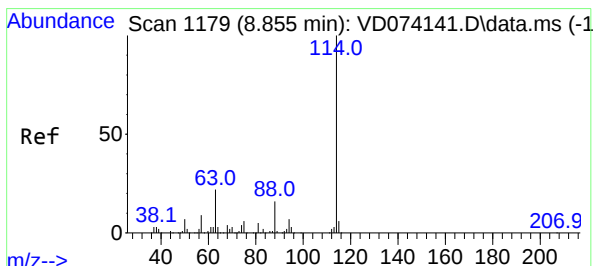
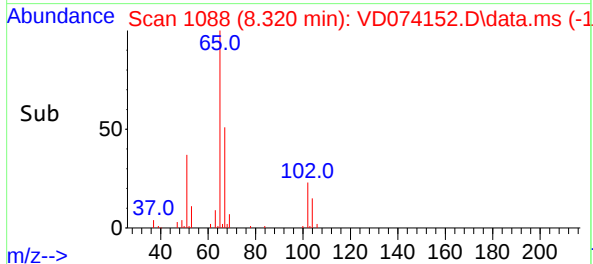
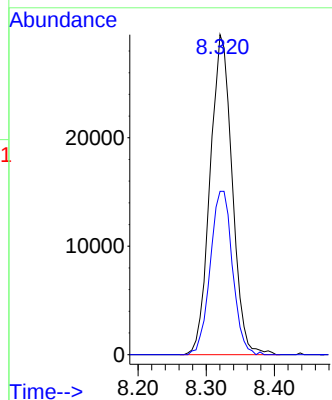
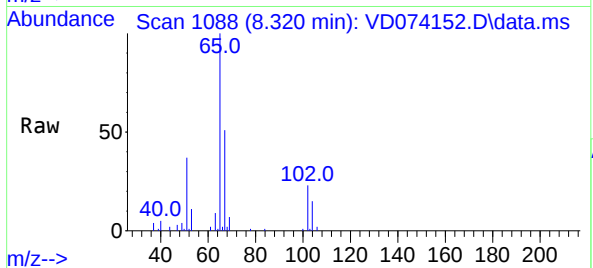
WC-1

Tgt Ion: 65 Resp: 66571

Ion Ratio Lower Upper

65 100

67 51.4 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: VD074152.D

Acq: 19 Aug 2022 16:58

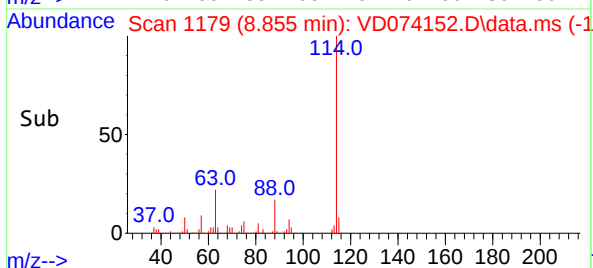
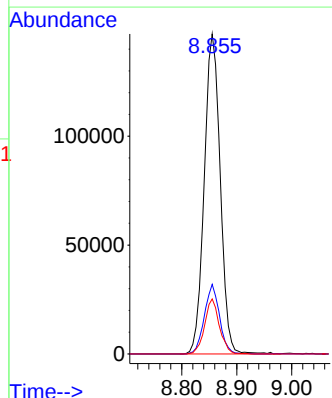
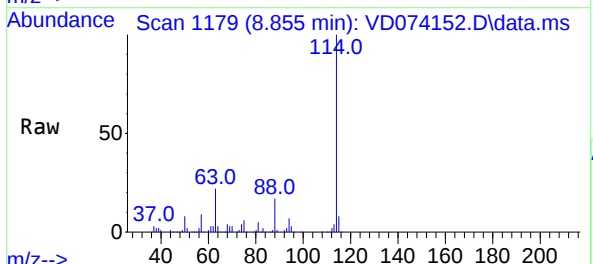
Tgt Ion:114 Resp: 297113

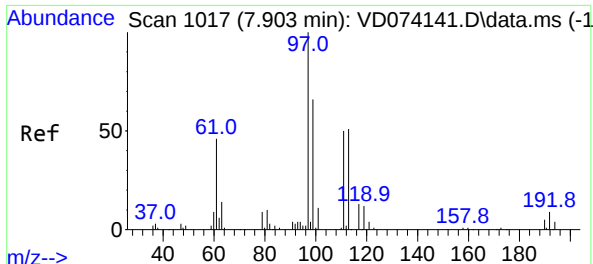
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 17.2 0.0 33.2

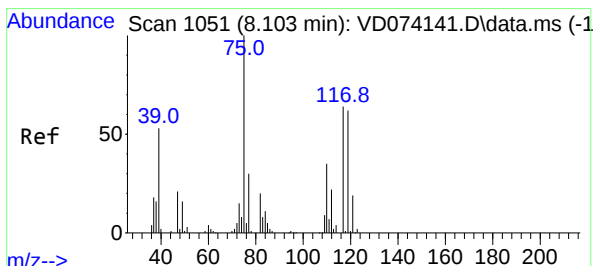
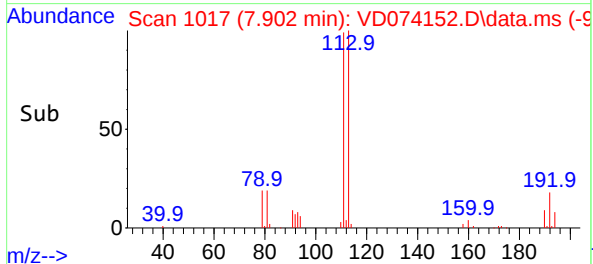
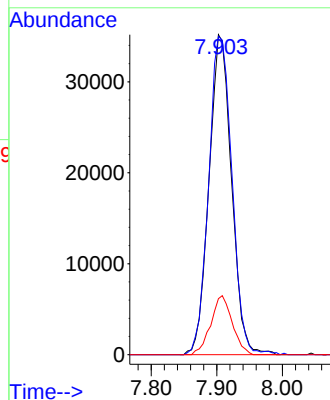
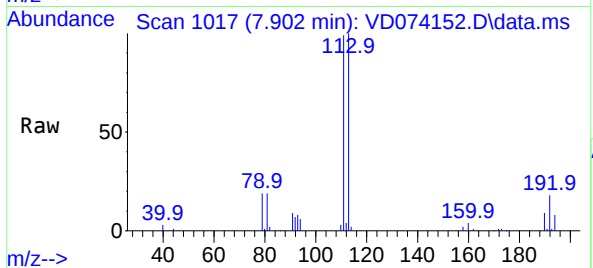




#35
Dibromofluoromethane
Concen: 58.263 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

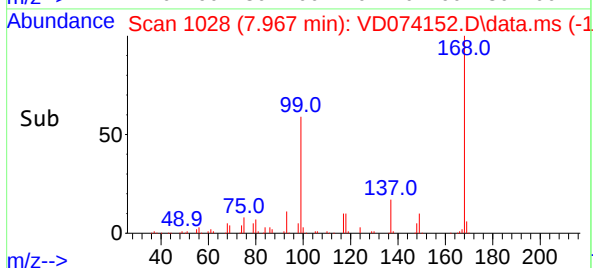
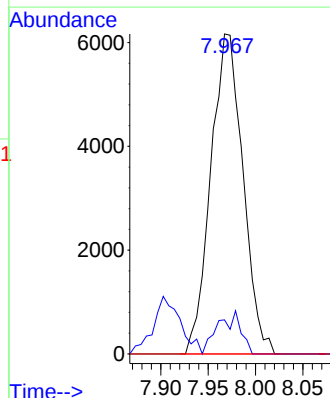
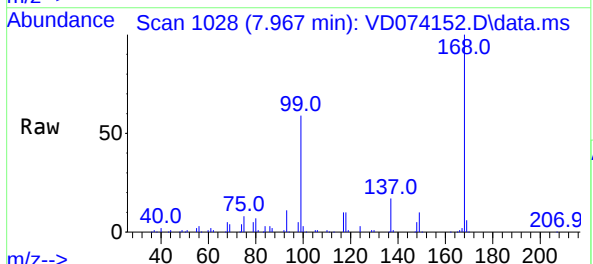
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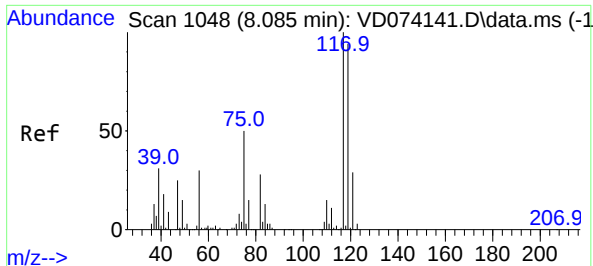
Tgt Ion:113 Resp: 83852
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion: 75 Resp: 14570
Ion Ratio Lower Upper
75 100
110 9.5 16.4 49.1#
77 0.0 24.2 36.2#

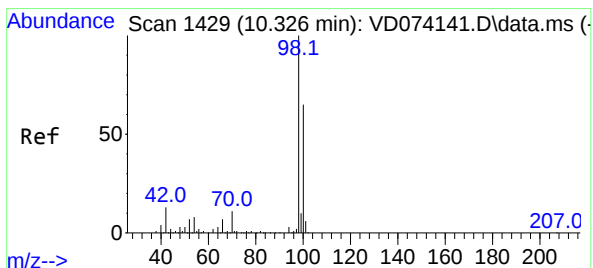
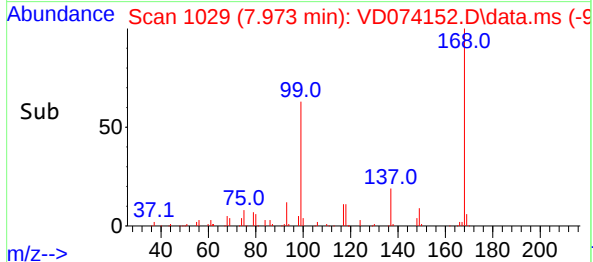
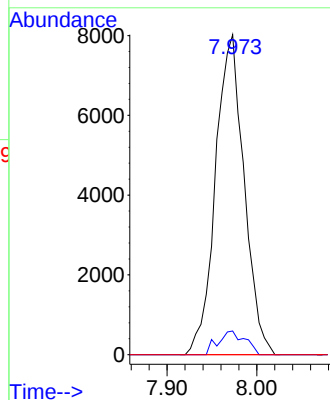
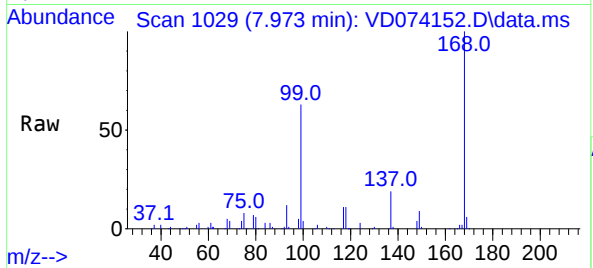




#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

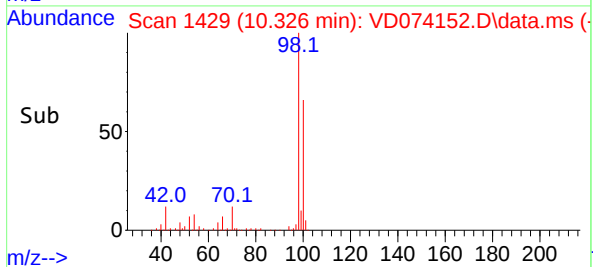
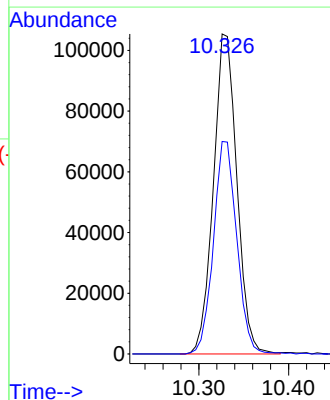
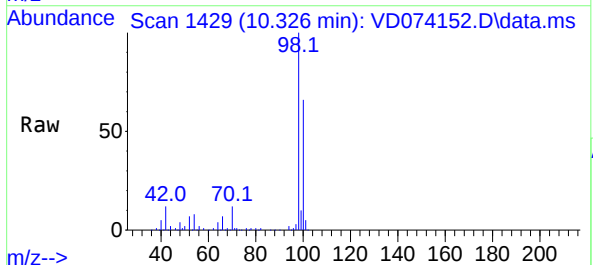
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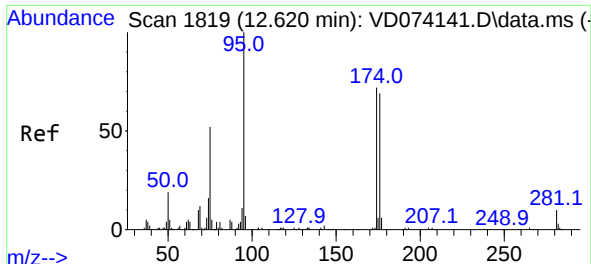
Tgt Ion:117 Resp: 17758
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 46.718 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion: 98 Resp: 191571
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

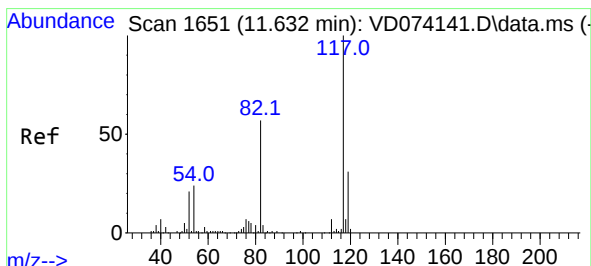
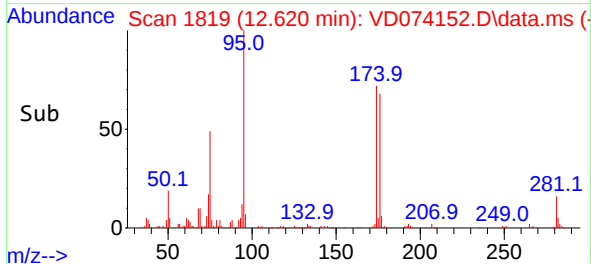
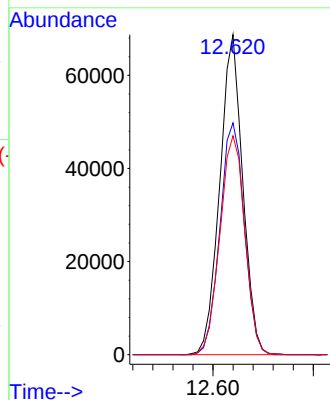
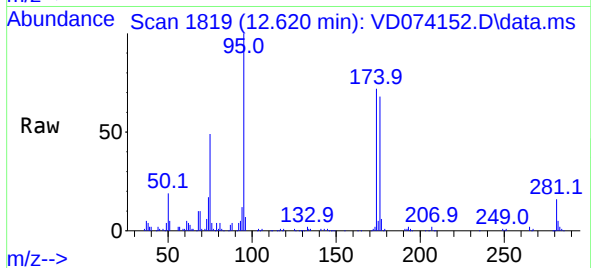




#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

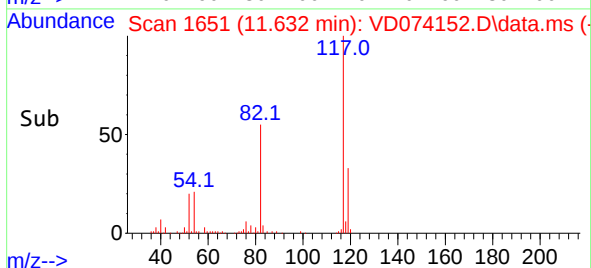
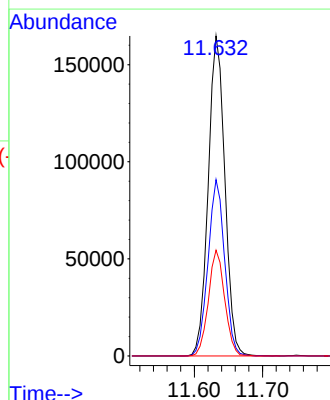
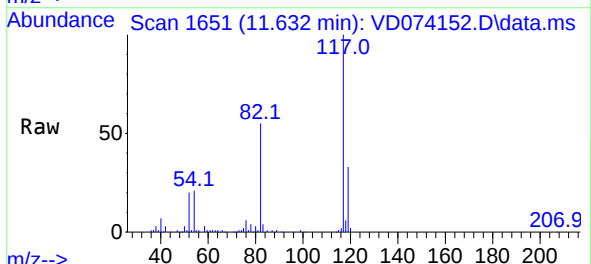
Instrument :
MSVOA_D
ClientSampleId :
WC-1

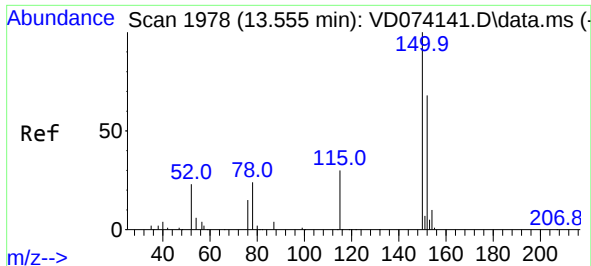
Tgt Ion: 95 Resp: 108906
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

Tgt Ion: 117 Resp: 280263
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 33.0 26.6 40.0

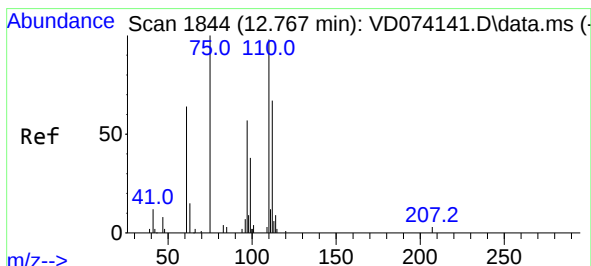
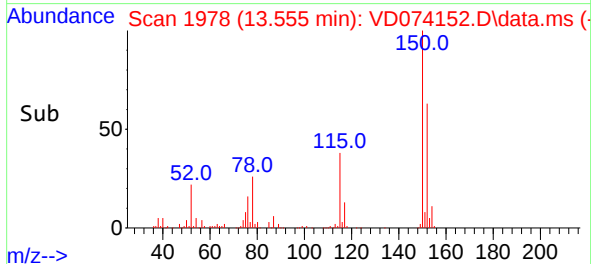
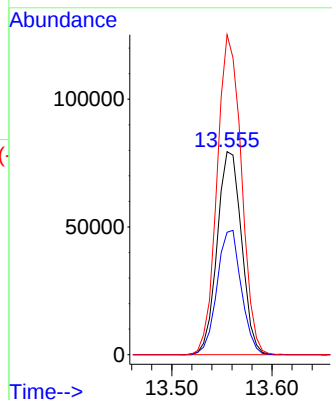
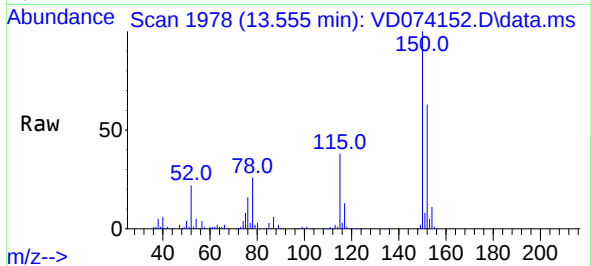




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

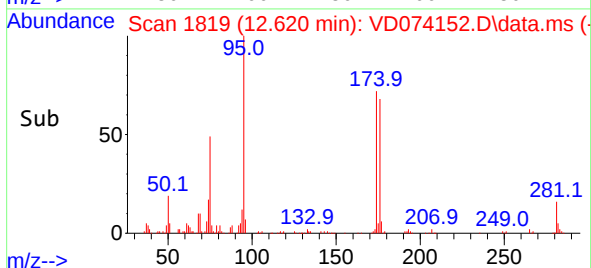
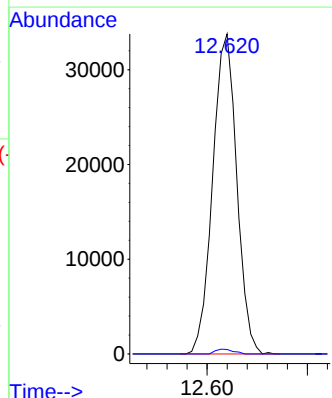
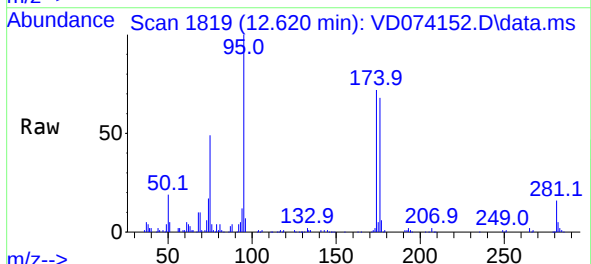
Instrument :
MSVOA_D
ClientSampleId :
WC-1

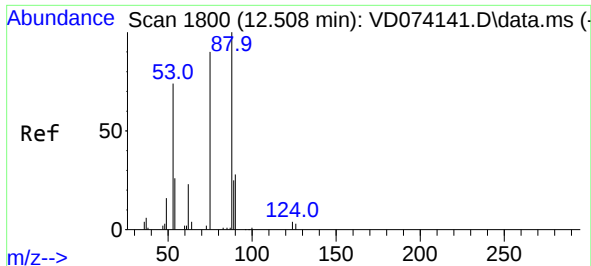
Tgt Ion:152 Resp: 134418
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 40.346 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074152.D
Acq: 19 Aug 2022 16:58

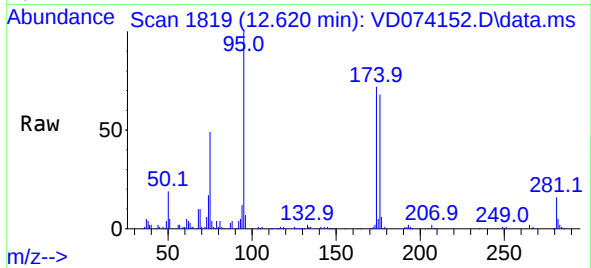
Tgt Ion: 75 Resp: 56162
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.574 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.112 min
 Lab File: VD074152.D
 Acq: 19 Aug 2022 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1



Tgt Ion: 75 Resp: 56162

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.2	33.9	50.9#

