

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076346.D
 Acq On : 06 Jun 2023 18:03
 Operator : KP/SY
 Sample : 03042-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jun 07 06:11:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

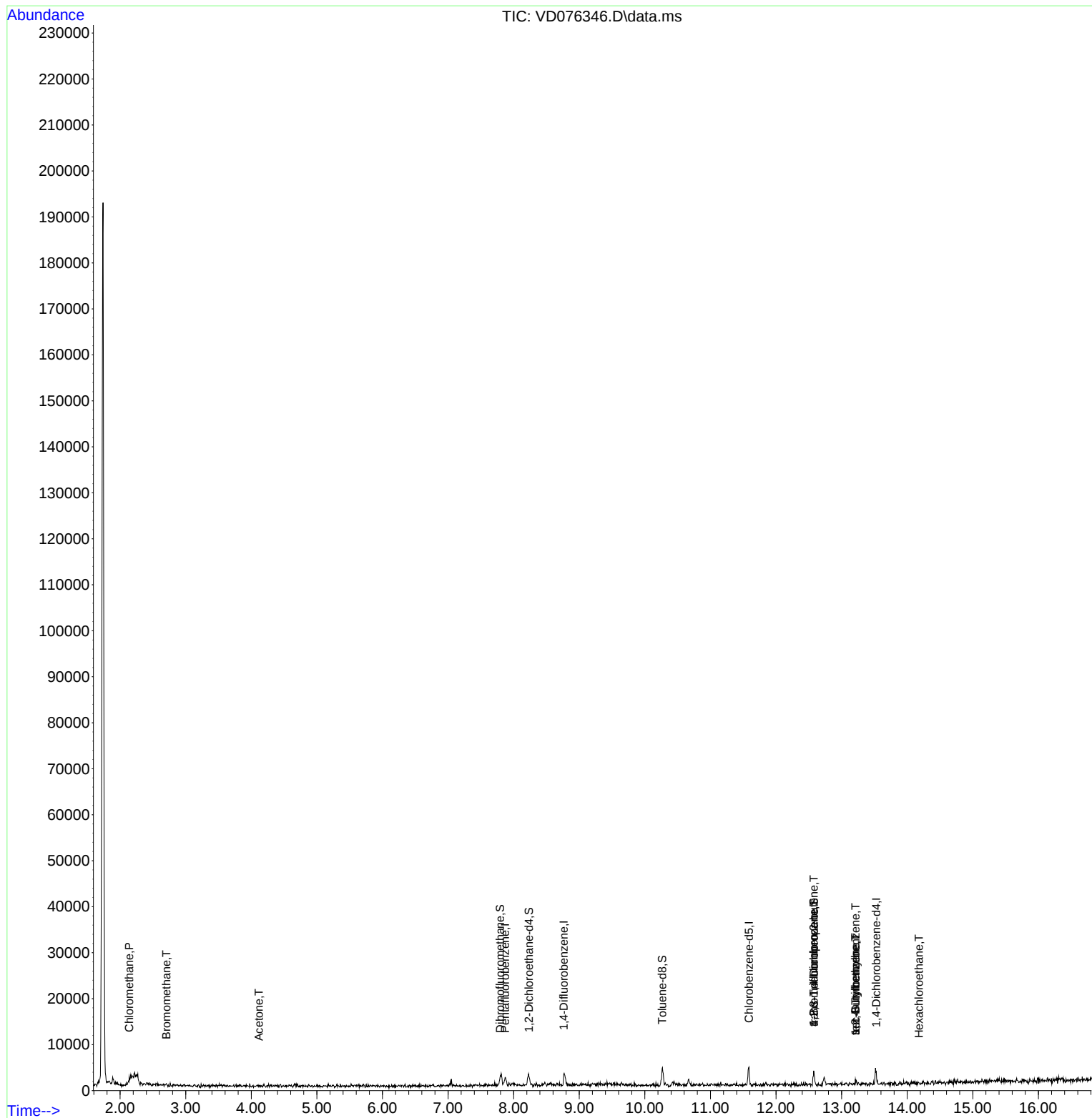
Internal Standards						
1) Pentafluorobenzene	7.869	168	1968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.763	114	3603	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.587	117	2905	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	1157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2428	137.695	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 275.400%#		
35) Dibromofluoromethane	7.793	113	1322	57.788	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.580%		
50) Toluene-d8	10.263	98	3562	39.107	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 78.220%		
62) 4-Bromofluorobenzene	12.575	95	932	38.665	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 77.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	97	2.649	ug/l #	41
5) Bromomethane	2.705	94	91	2.918	ug/l #	2
16) Acetone	4.116	43	63	19.506	ug/l #	32
76) 1,2,3-Trichloropropane	12.575	75	586	54.258	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	586	129.952	ug/l #	17
83) tert-Butylbenzene	13.210	119	59	1.152	ug/l #	30
84) 1,2,4-Trimethylbenzene	13.210	105	506	8.295	ug/l	93
85) sec-Butylbenzene	13.210	105	506	6.423	ug/l #	54
90) Hexachloroethane	14.181	117	120	9.153	ug/l #	11

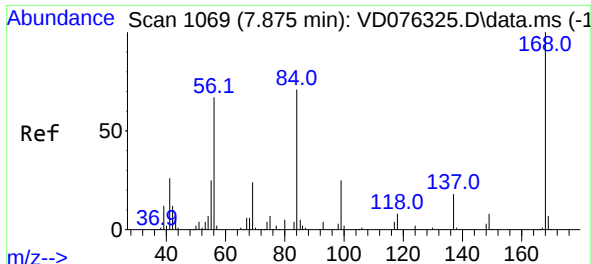
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

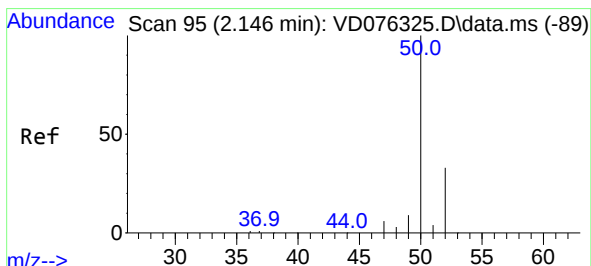
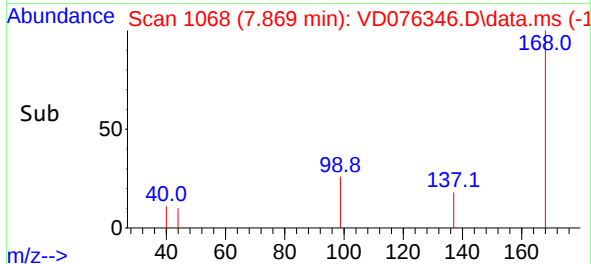
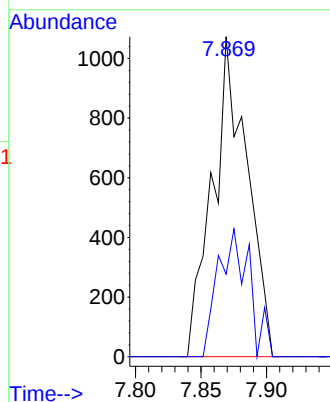
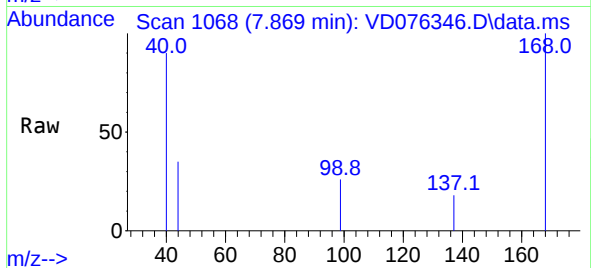




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

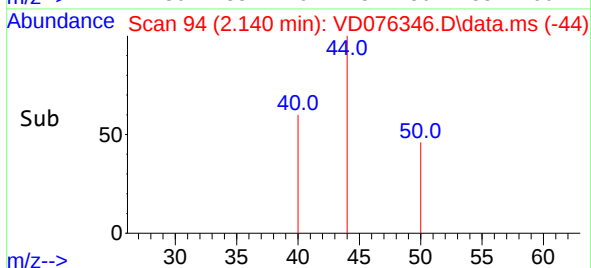
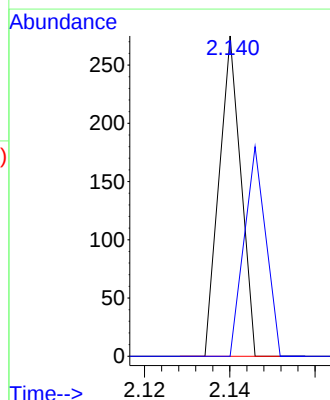
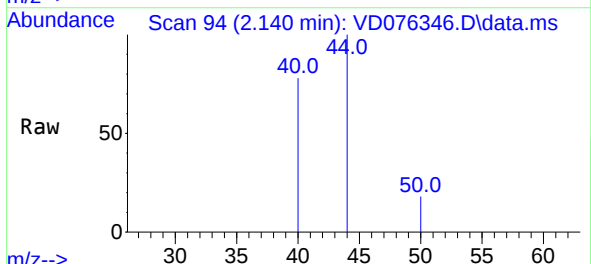
Instrument :
MSVOA_D
ClientSampleId :
WC-1

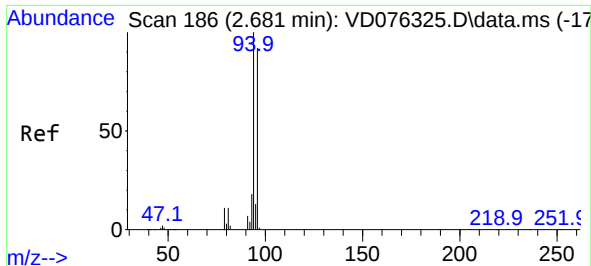
Tgt Ion:168 Resp: 1968
Ion Ratio Lower Upper
168 100
99 25.8 36.7 55.1#



#3
Chloromethane
Concen: 2.649 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

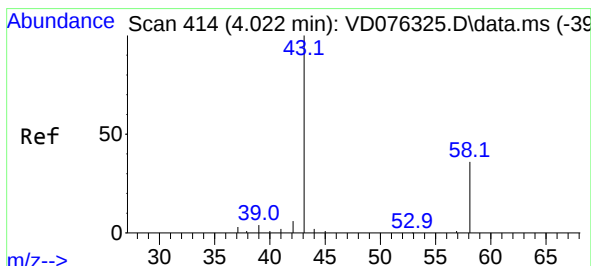
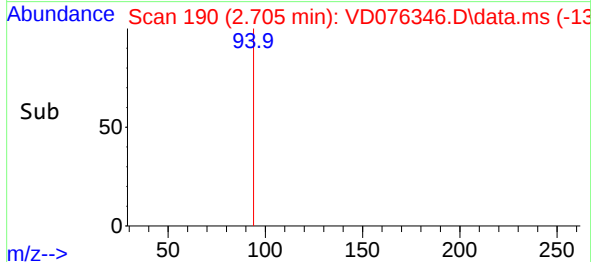
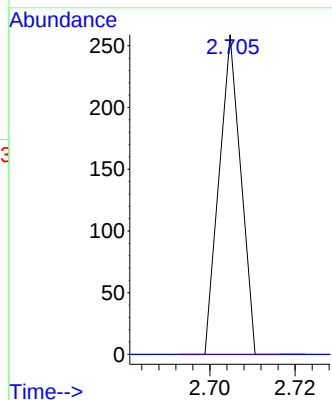
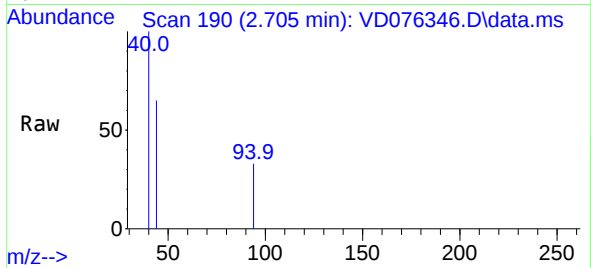




#5
Bromomethane
Concen: 2.918 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.023 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

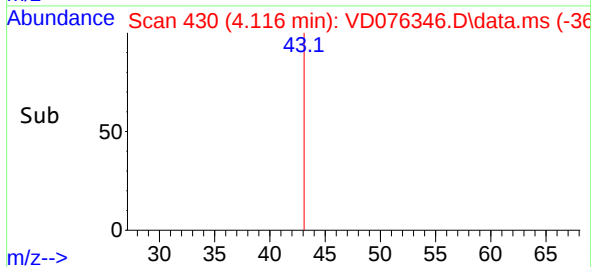
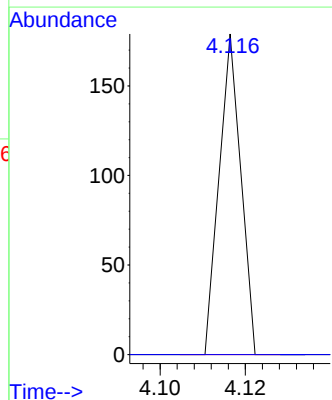
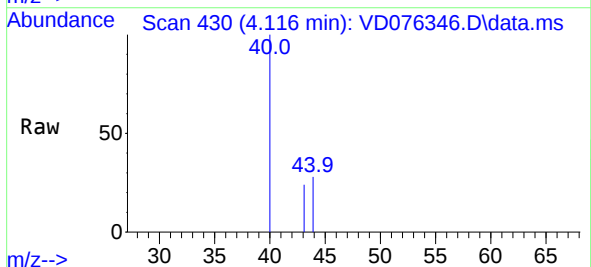
Instrument :
MSVOA_D
ClientSampleId :
WC-1

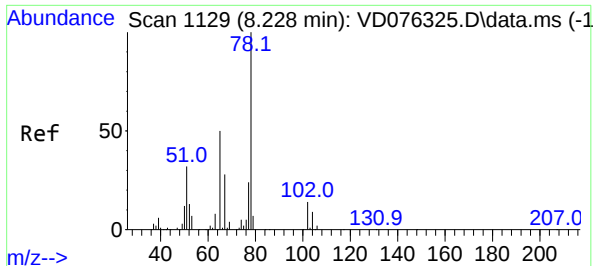
Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.8#



#16
Acetone
Concen: 19.506 ug/l
RT: 4.116 min Scan# 430
Delta R.T. 0.094 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 137.695 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076346.D

Acq: 06 Jun 2023 18:03

Instrument :

MSVOA_D

ClientSampleId :

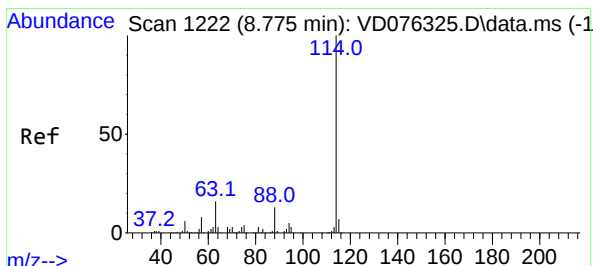
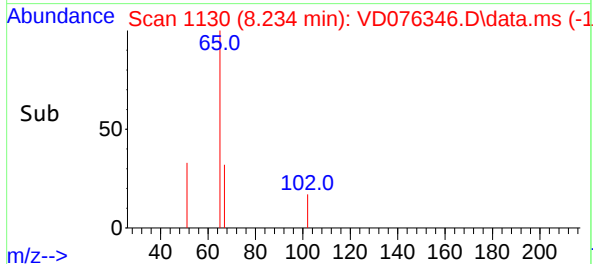
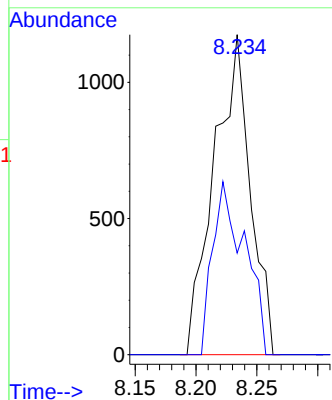
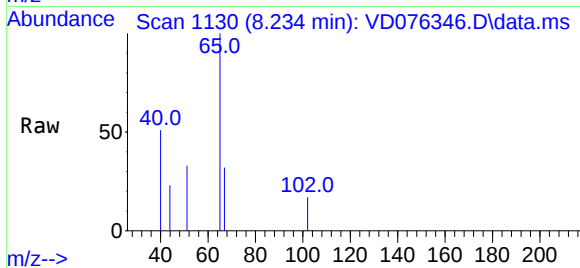
WC-1

Tgt Ion: 65 Resp: 2428

Ion Ratio Lower Upper

65 100

67 48.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.763 min Scan# 1220

Delta R.T. -0.012 min

Lab File: VD076346.D

Acq: 06 Jun 2023 18:03

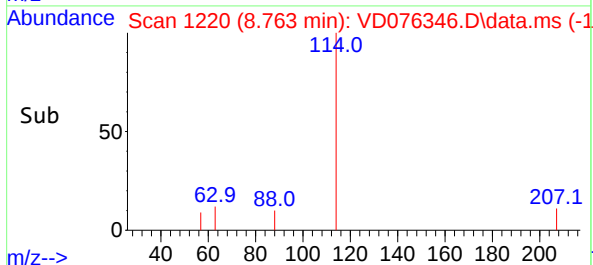
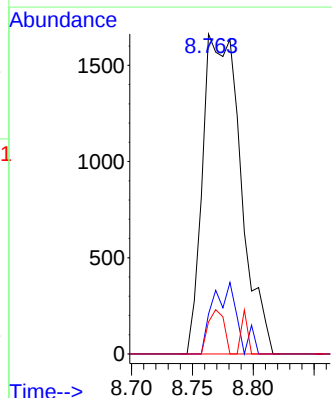
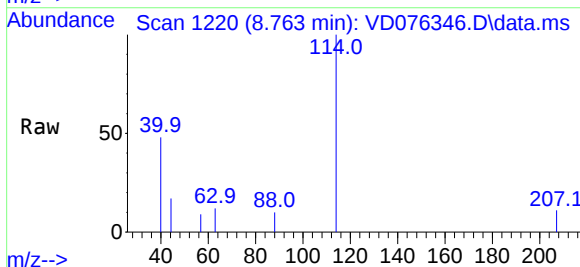
Tgt Ion: 114 Resp: 3603

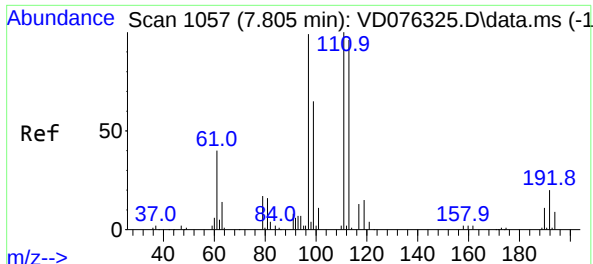
Ion Ratio Lower Upper

114 100

63 12.4 0.0 33.4

88 10.0 0.0 26.2

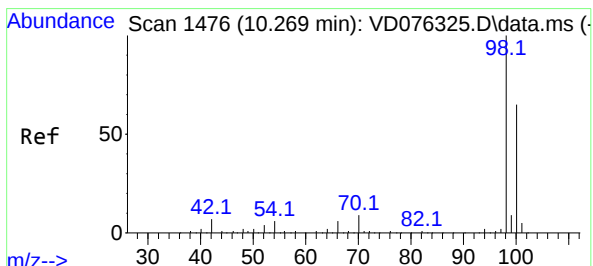
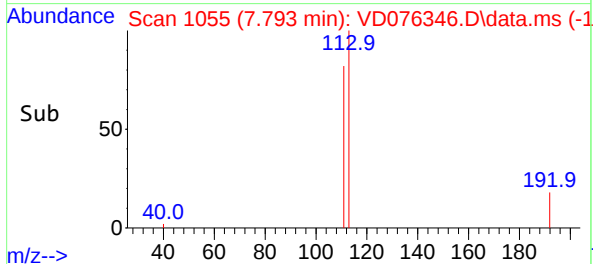
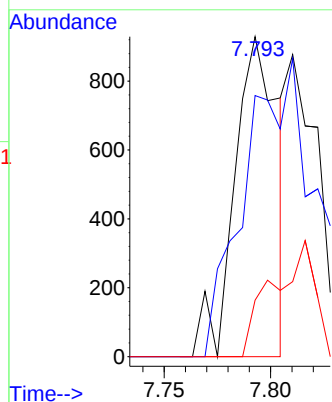
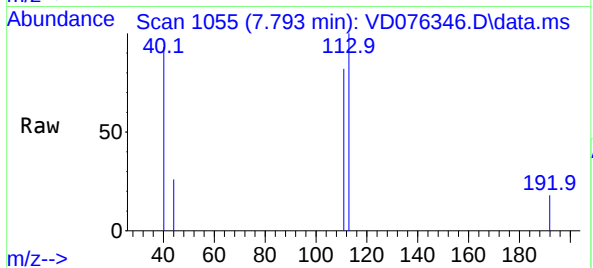




#35
Dibromofluoromethane
Concen: 57.788 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

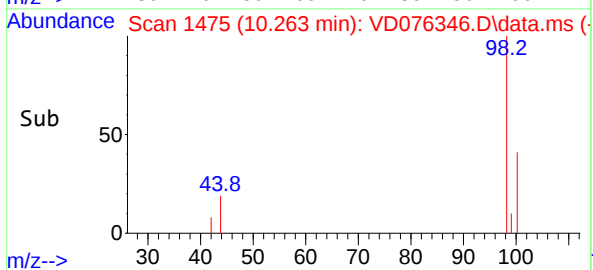
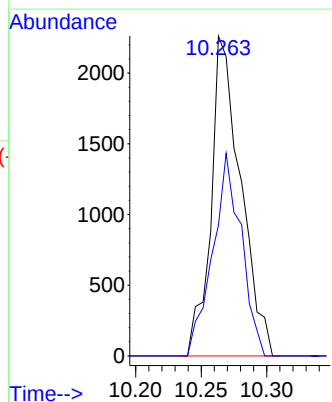
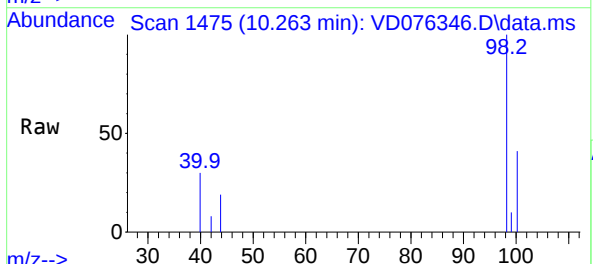
Instrument :
MSVOA_D
ClientSampleId :
WC-1

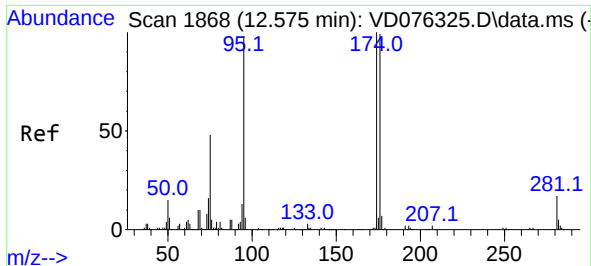
Tgt Ion:113 Resp: 1322
Ion Ratio Lower Upper
113 100
111 0.0 84.7 127.1#
192 0.0 16.8 25.2#



#50
Toluene-d8
Concen: 39.107 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 98 Resp: 3562
Ion Ratio Lower Upper
98 100
100 60.6 50.3 75.5



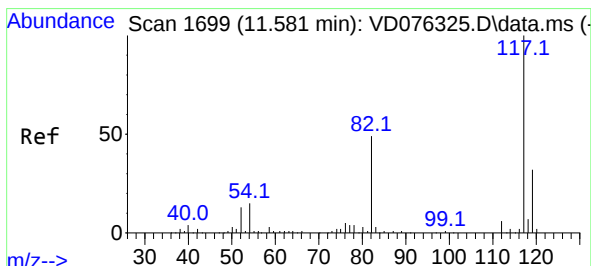
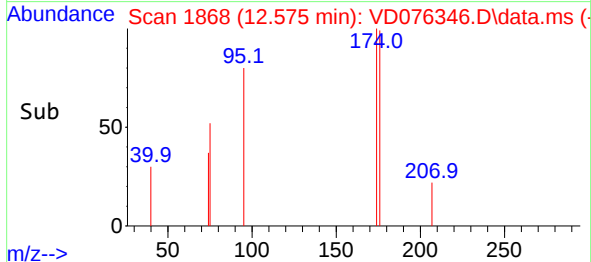
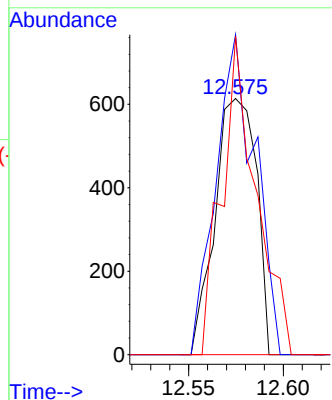
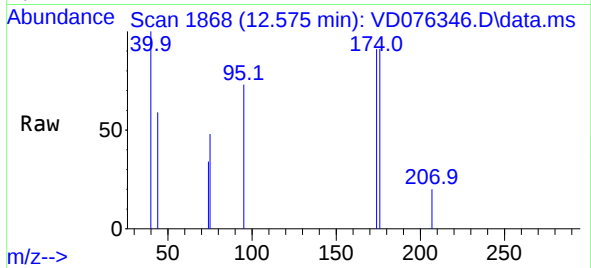


#62
4-Bromofluorobenzene
Concen: 38.665 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion: 95 Resp: 932

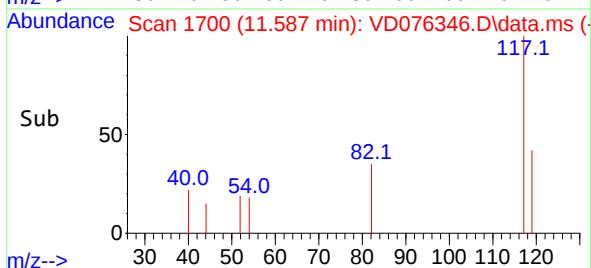
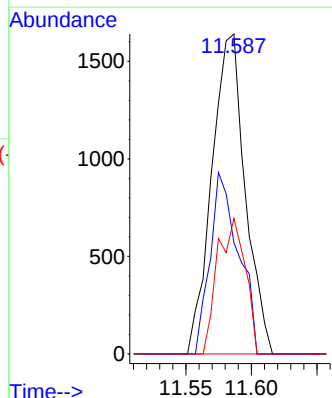
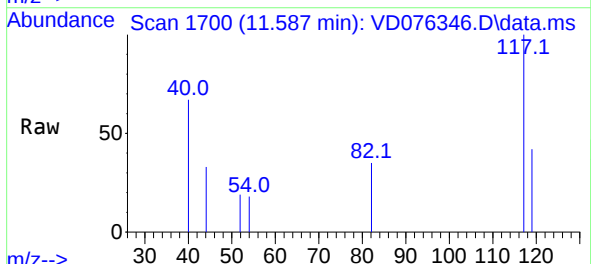
Ion	Ratio	Lower	Upper
95	100		
174	118.6	0.0	201.8
176	102.9	0.0	191.8

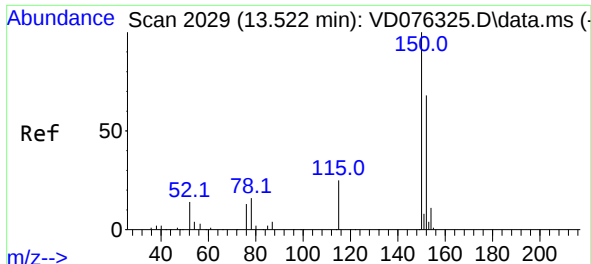


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 117 Resp: 2905

Ion	Ratio	Lower	Upper
117	100		
82	34.8	38.3	57.5#
119	42.4	25.0	37.4#

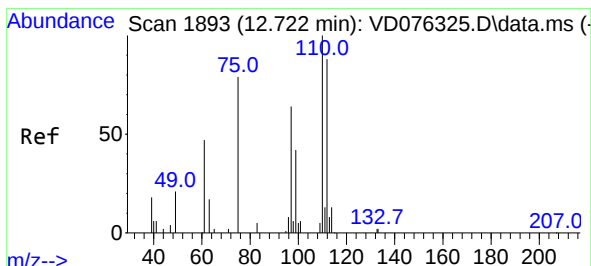
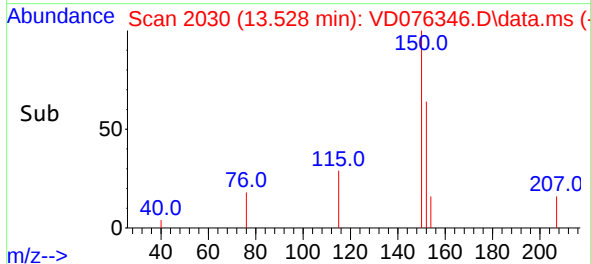
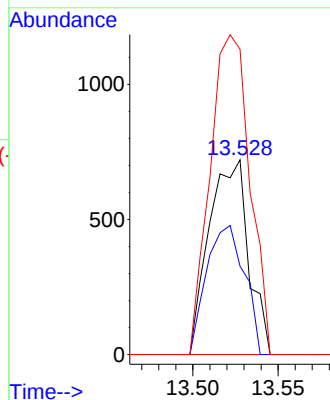
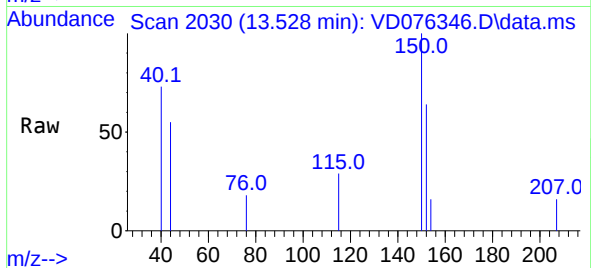




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.528 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: VD076346.D
 Acq: 06 Jun 2023 18:03

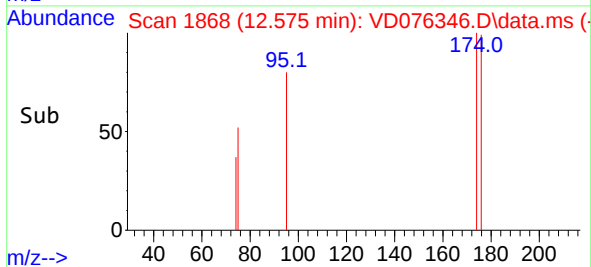
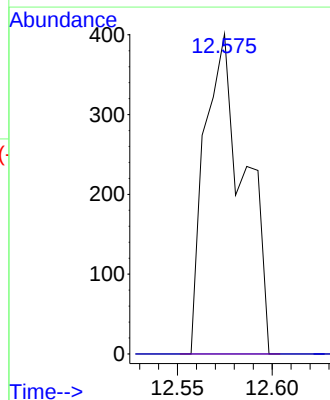
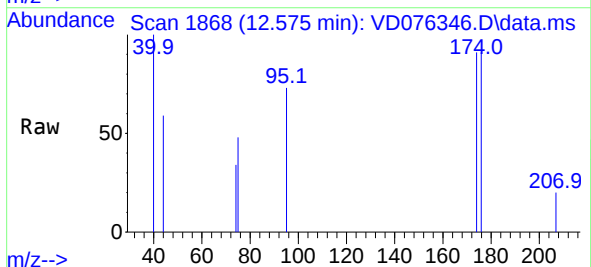
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 ClientSampleId :
 WC-1

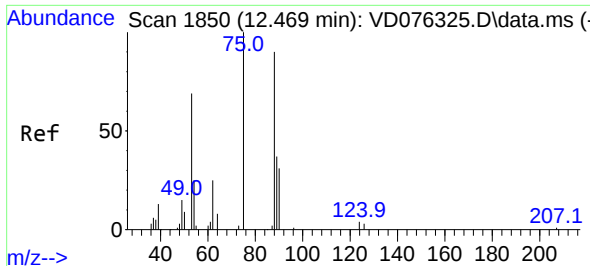
Tgt Ion:152 Resp: 1157
 Ion Ratio Lower Upper
 152 100
 115 63.6 27.1 81.3
 150 166.1 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 54.258 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076346.D
 Acq: 06 Jun 2023 18:03

Tgt Ion: 75 Resp: 586
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

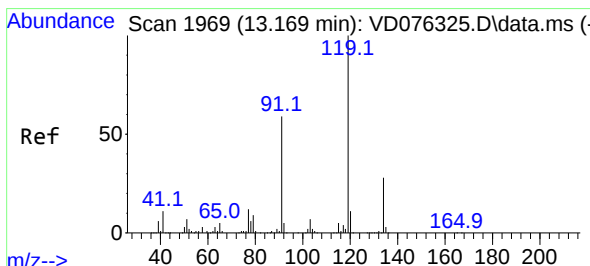
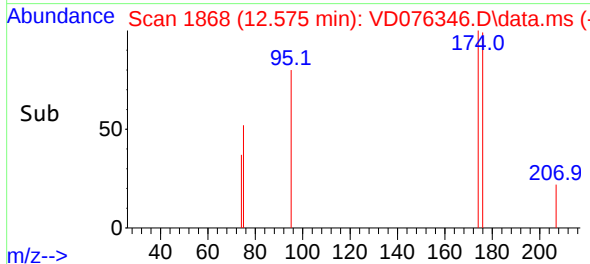
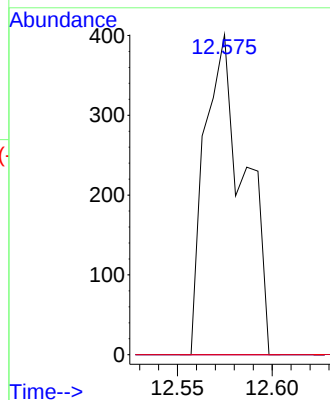
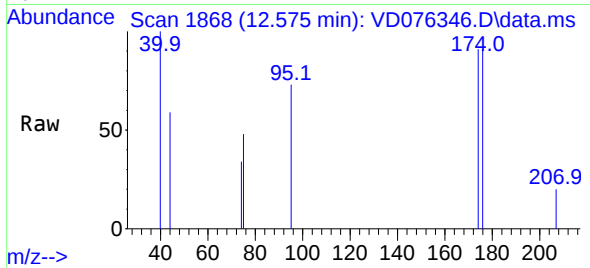




#81
trans-1,4-Dichloro-2-butene
Concen: 129.952 ug/l
RT: 12.575 min Scan# 1850
Delta R.T. 0.106 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

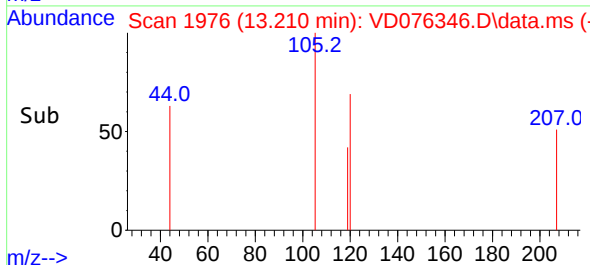
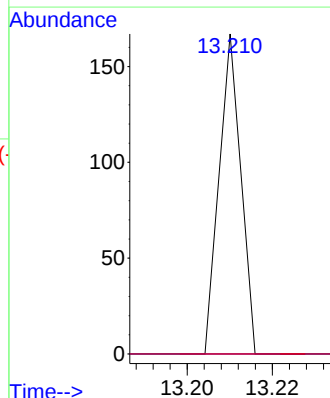
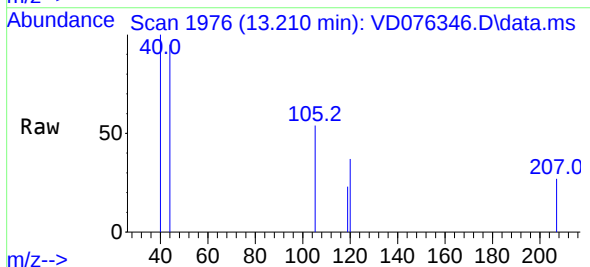
Instrument :
MSVOA_D
ClientSampleId :
WC-1

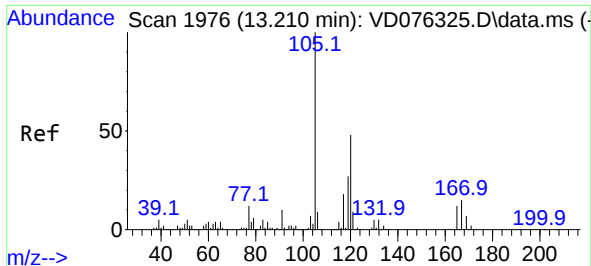
Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#83
tert-Butylbenzene
Concen: 1.152 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.041 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion: 119 Resp: 59
Ion Ratio Lower Upper
119 100
91 0.0 29.3 87.8#
134 0.0 14.1 42.3#

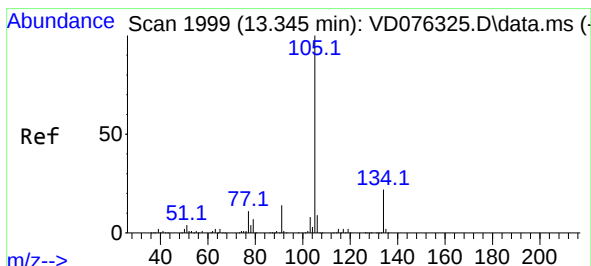
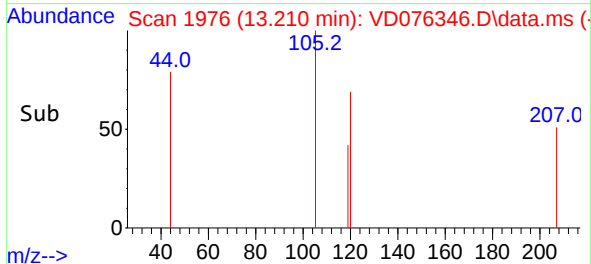
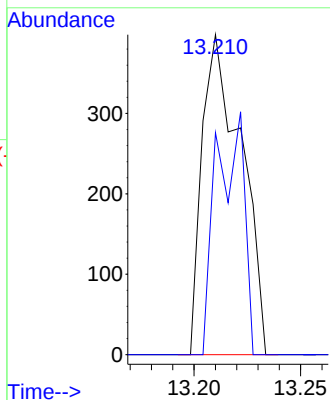
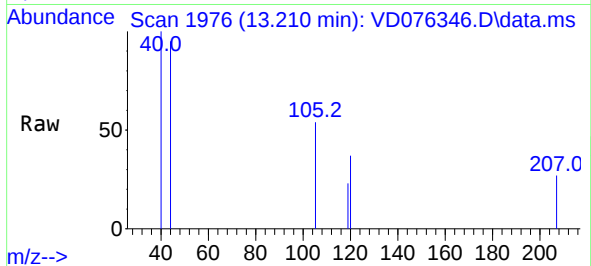




#84
1,2,4-Trimethylbenzene
Concen: 8.295 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

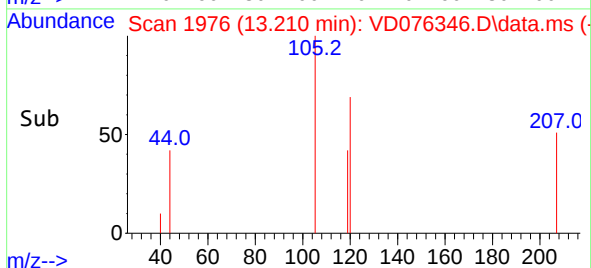
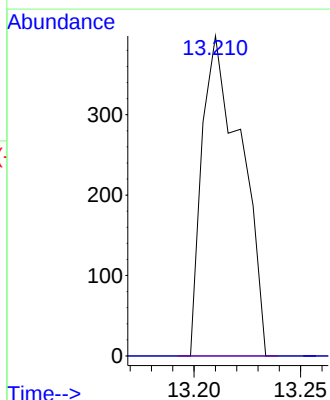
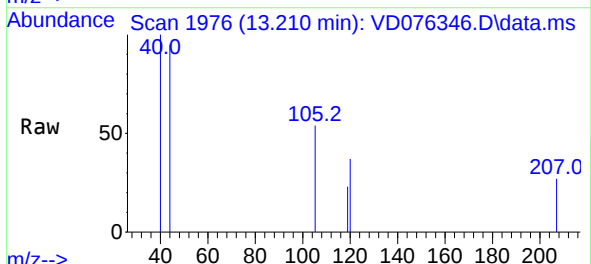
Instrument :
MSVOA_D
ClientSampleId :
WC-1

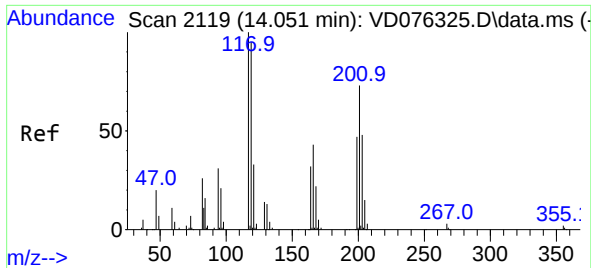
Tgt Ion:105 Resp: 506
Ion Ratio Lower Upper
105 100
120 53.6 24.3 72.9



#85
sec-Butylbenzene
Concen: 6.423 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.135 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Tgt Ion:105 Resp: 506
Ion Ratio Lower Upper
105 100
134 0.0 10.9 32.9#





#90
Hexachloroethane
Concen: 9.153 ug/l
RT: 14.181 min Scan# 2119
Delta R.T. 0.129 min
Lab File: VD076346.D
Acq: 06 Jun 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 120
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.5#

