

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076655.D
 Acq On : 30 Jun 2023 11:56
 Operator : KP/SY
 Sample : VIBLK124
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK126

Quant Time: Jul 03 01:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

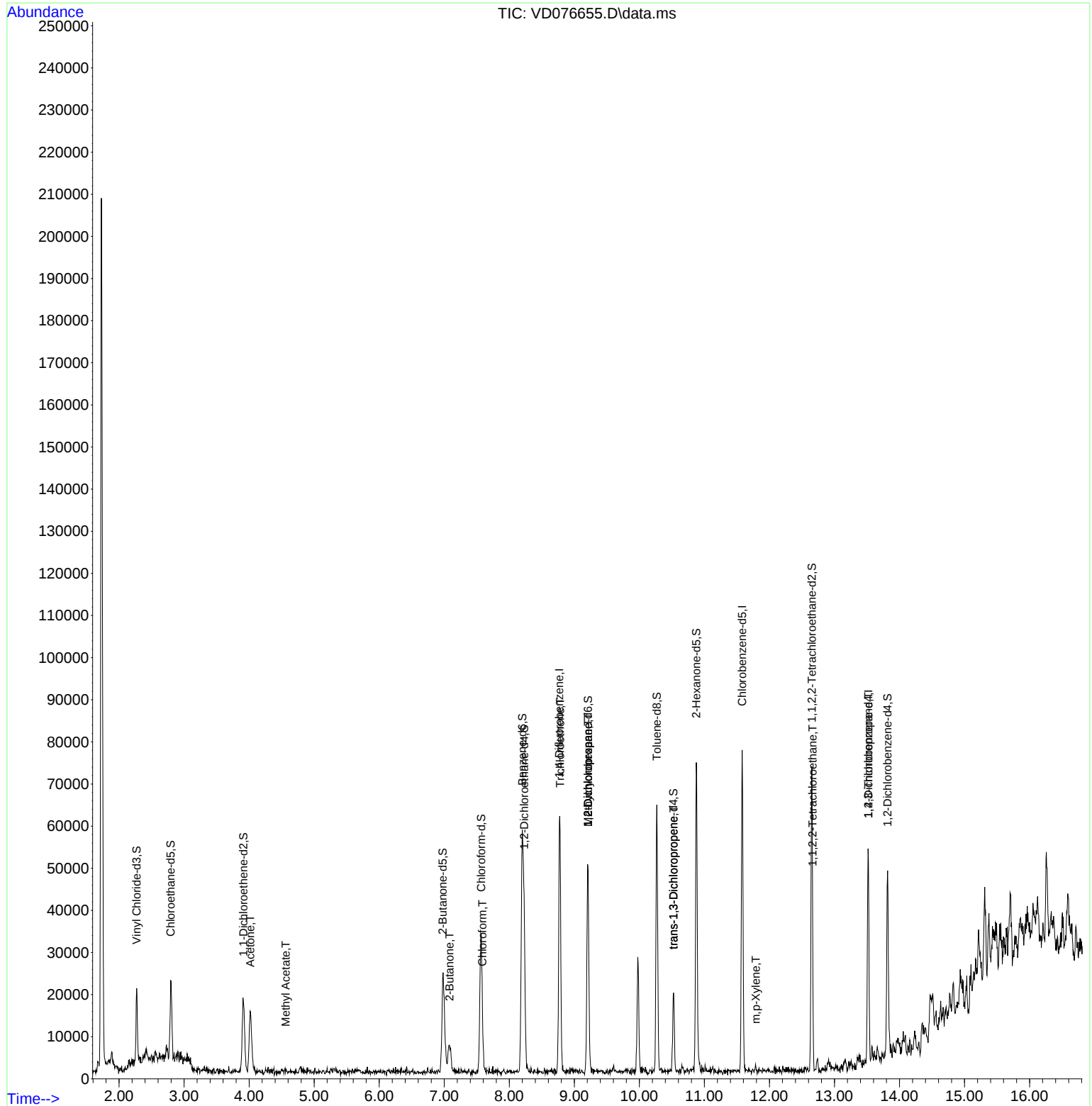
Internal Standards						
1) 1,4-Difluorobenzene	8.769	114	52976	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	42149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	13614	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	14321	11.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.400%
7) Chloroethane-d5	2.793	69	17991	17.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	3.911	65	5095	15.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.520%
21) 2-Butanone-d5	6.975	46	41110	210.404	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	420.800%#
24) Chloroform-d	7.569	84	32359	23.185	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.228	65	24115	35.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.080%#
32) Benzene-d6	8.199	84	54311	21.064	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.240%
36) 1,2-Dichloropropane-d6	9.210	67	23329	28.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.400%
41) Toluene-d8	10.269	98	42844	17.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	10.522	79	9864	28.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.280%
47) 2-Hexanone-d5	10.875	63	24903	194.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	389.860%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	35075	59.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	239.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	11031	22.106	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						Qvalue
13) Acetone	4.017	43	24407	154.660	ug/L	97
15) Methyl Acetate	4.564	43	264	0.733	ug/L #	53
22) 2-Butanone	7.081	43	9779	38.398	ug/L	81
25) Chloroform	7.587	83	1150	0.841	ug/L	96
34) Trichloroethene	8.781	95	769	1.073	ug/L #	4
35) Methylcyclohexane	9.210	83	5325	4.608	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	3188	4.192	ug/L #	88
44) trans-1,3-Dichloropropene	10.528	75	387	0.410	ug/L #	59
53) m,p-Xylene	11.793	106	386	0.306	ug/L #	15
57) 1,1,2,2-Tetrachloroethane	12.663	83	228	0.382	ug/L #	9
61) 1,2,3-Trichloropropane	13.522	75	2313	8.754	ug/L #	48

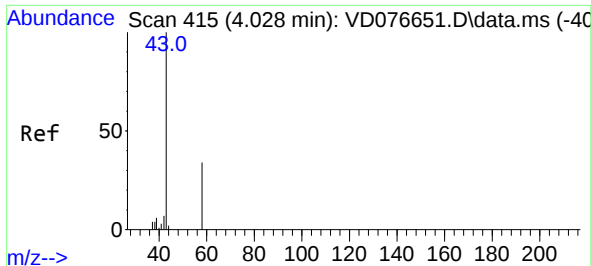
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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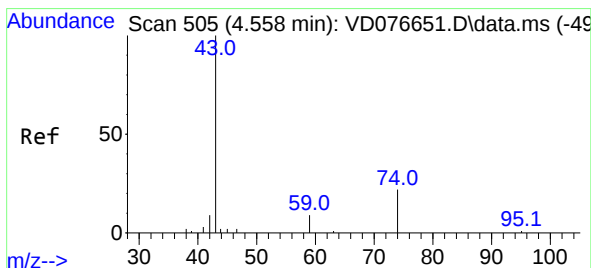
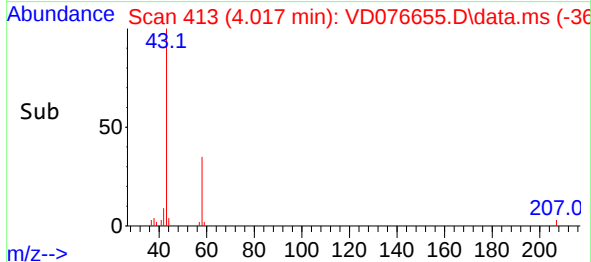
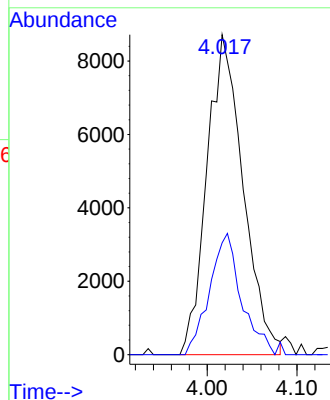
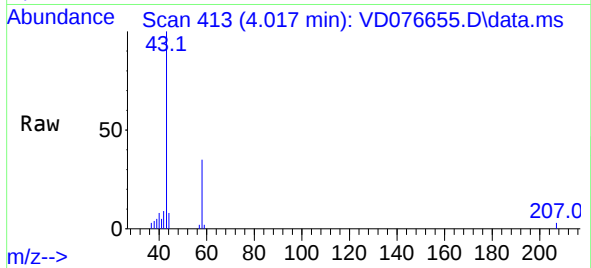




#13
Acetone
Concen: 154.660 ug/L
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

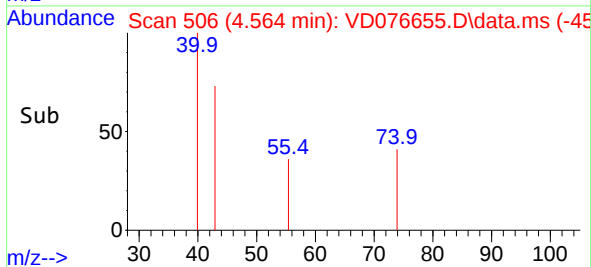
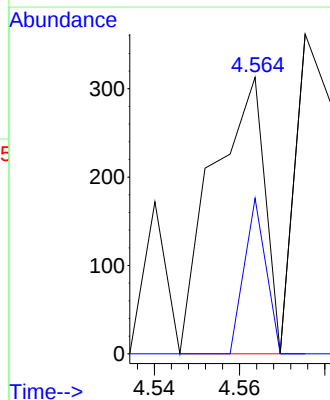
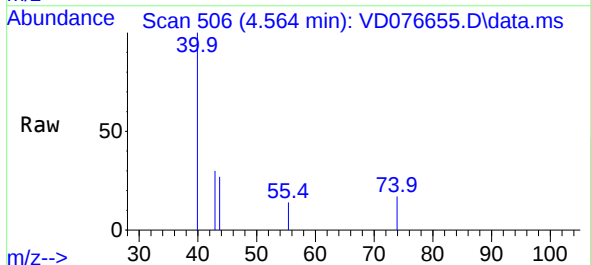
Instrument :
MSVOA_D
ClientSampleId :
VIBLK126

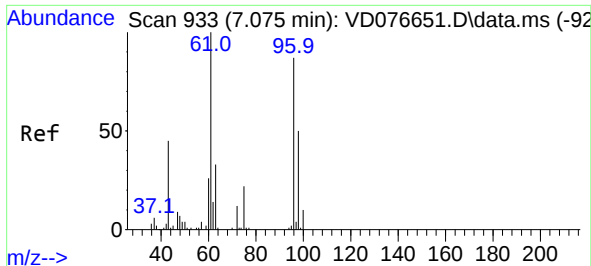
Tgt Ion: 43 Resp: 24407
Ion Ratio Lower Upper
43 100
58 32.1 0.0 67.4



#15
Methyl Acetate
Concen: 0.733 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#

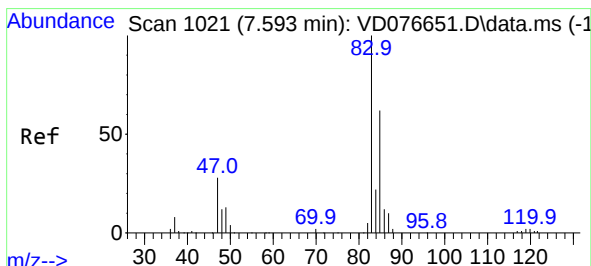
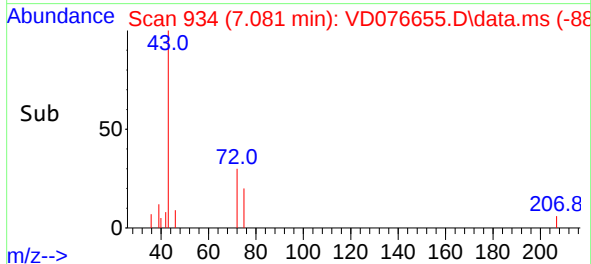
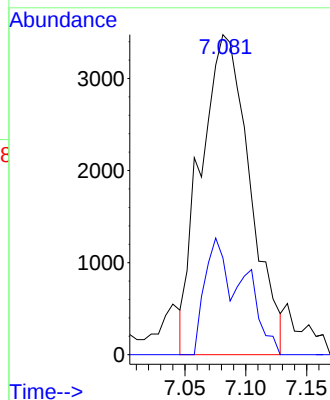
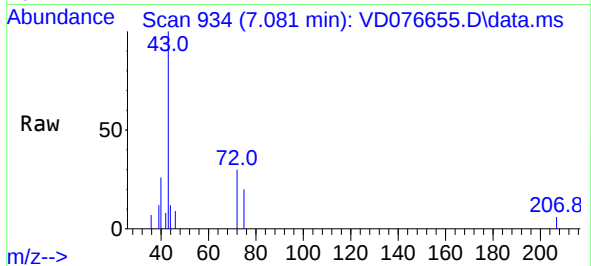




#22
2-Butanone
Concen: 38.398 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

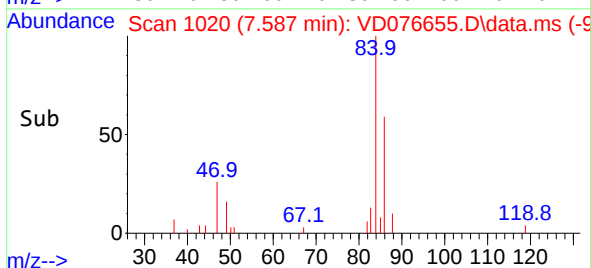
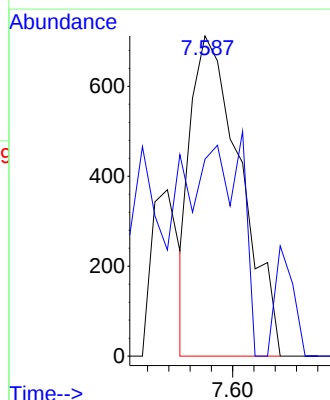
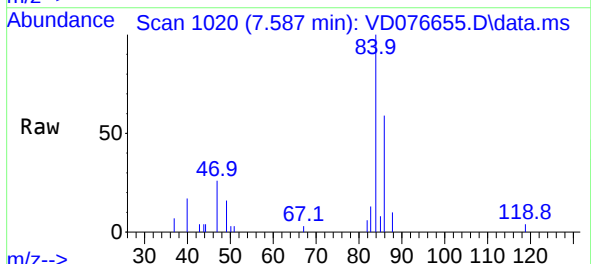
Instrument :
MSVOA_D
ClientSampleId :
VIBLK126

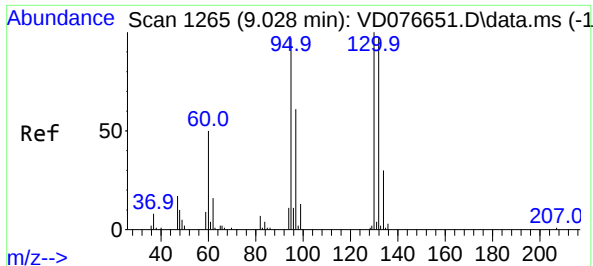
Tgt Ion: 43 Resp: 9779
Ion Ratio Lower Upper
43 100
72 16.4 12.9 38.7



#25
Chloroform
Concen: 0.841 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

Tgt Ion: 83 Resp: 1150
Ion Ratio Lower Upper
83 100
85 61.5 45.4 84.4





#34

Trichloroethene

Concen: 1.073 ug/L

RT: 8.781 min Scan# 11

Delta R.T. -0.247 min

Lab File: VD076655.D

Acq: 30 Jun 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

VIBLK126

Tgt Ion: 95 Resp: 769

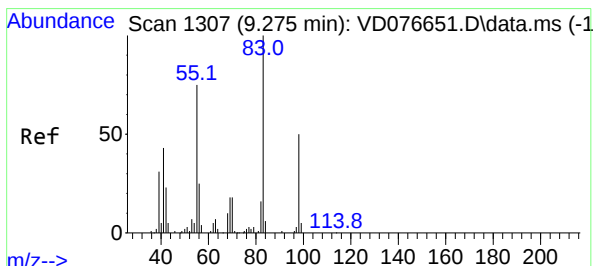
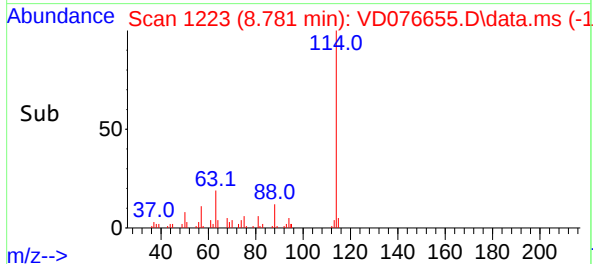
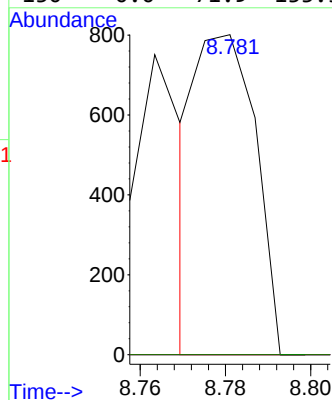
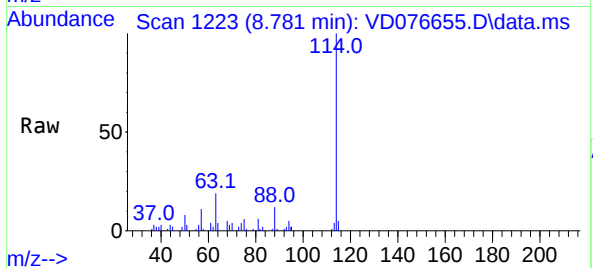
Ion Ratio Lower Upper

95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#



#35

Methylcyclohexane

Concen: 4.608 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD076655.D

Acq: 30 Jun 2023 11:56

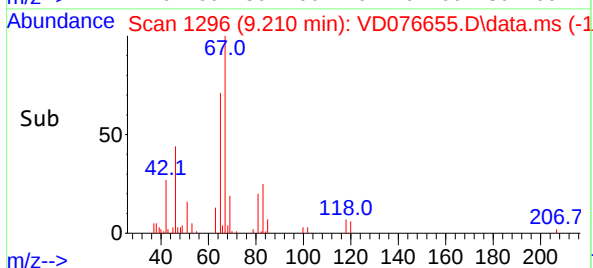
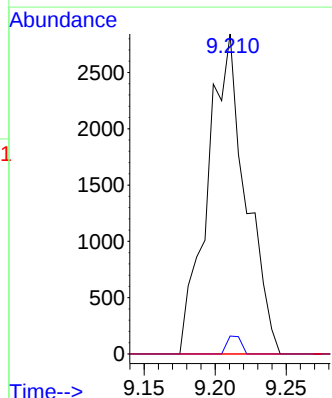
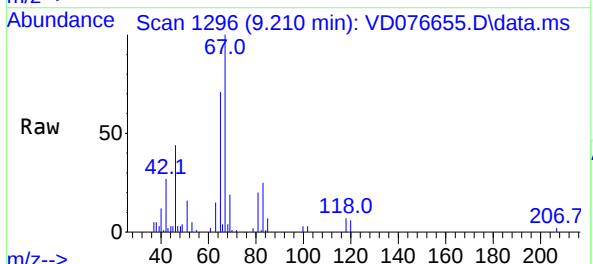
Tgt Ion: 83 Resp: 5325

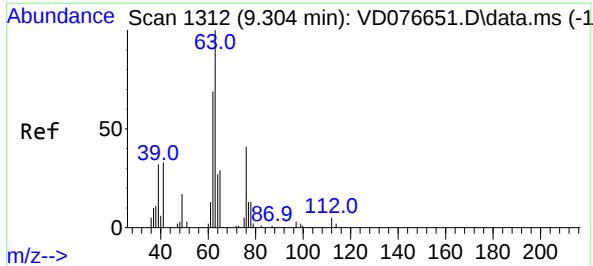
Ion Ratio Lower Upper

83 100

55 2.1 59.8 89.6#

98 0.0 37.8 56.6#

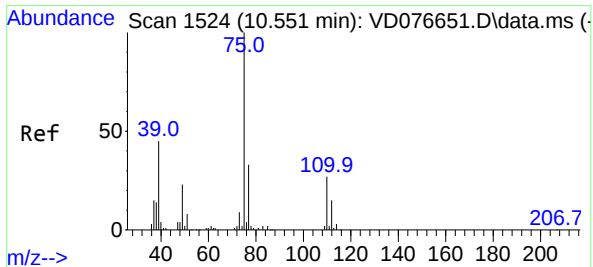
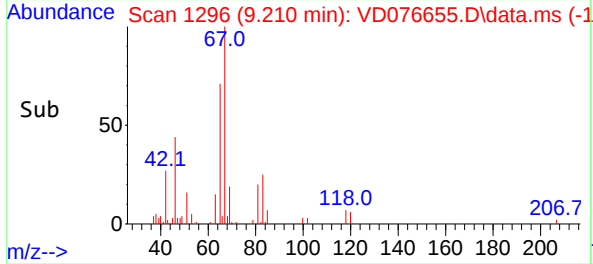
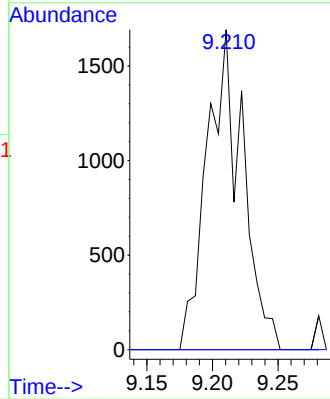
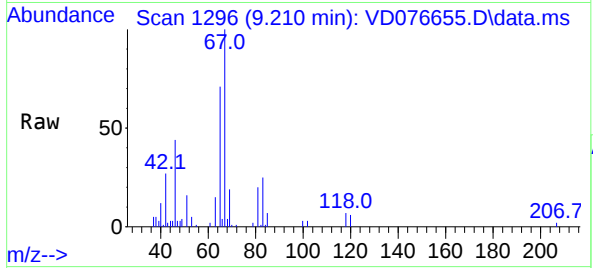




#37
1,2-Dichloropropane
Concen: 4.192 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

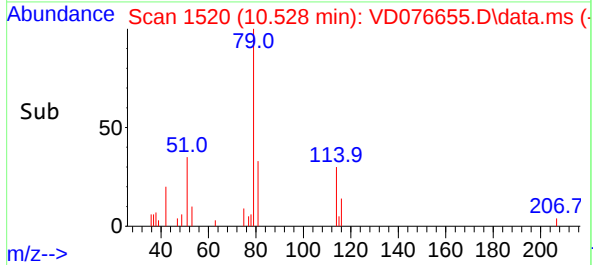
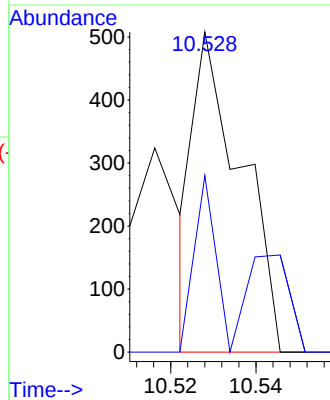
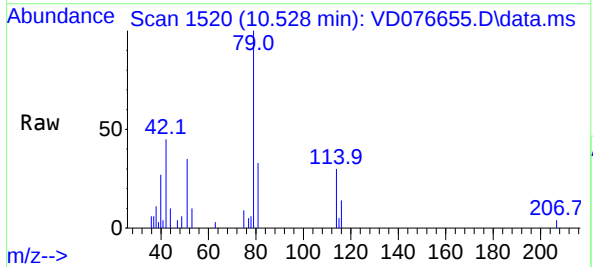
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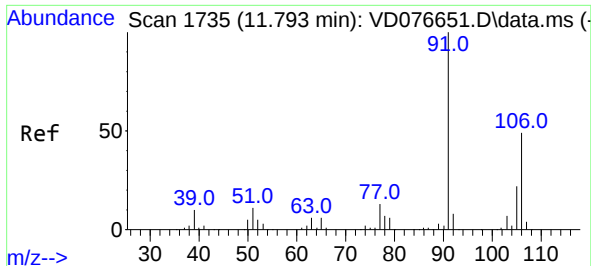
Tgt Ion: 63 Resp: 3188
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#44
trans-1,3-Dichloropropene
Concen: 0.410 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

Tgt Ion: 75 Resp: 387
Ion Ratio Lower Upper
75 100
77 55.1 22.5 41.7#

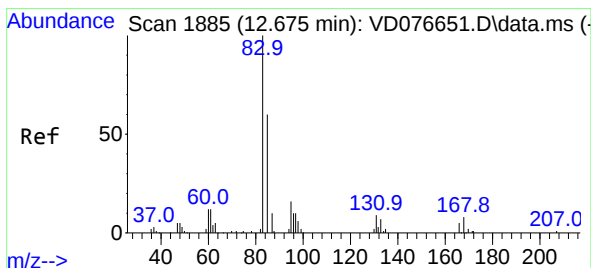
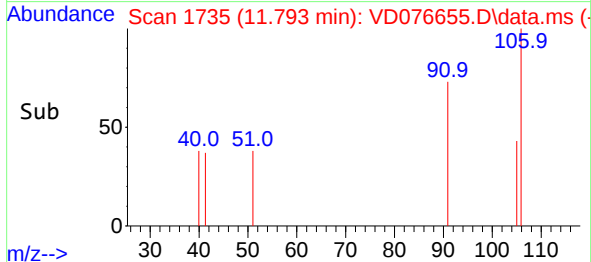
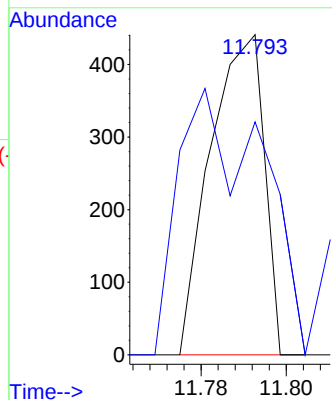
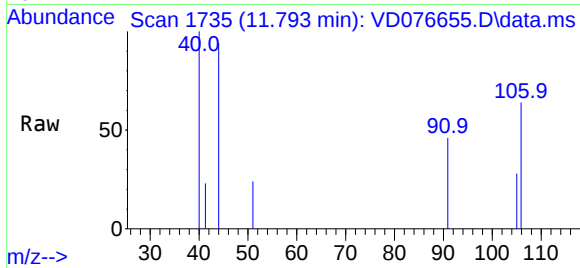




#53
m,p-Xylene
Concen: 0.306 ug/L
RT: 11.793 min Scan# 11735
Delta R.T. 0.000 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

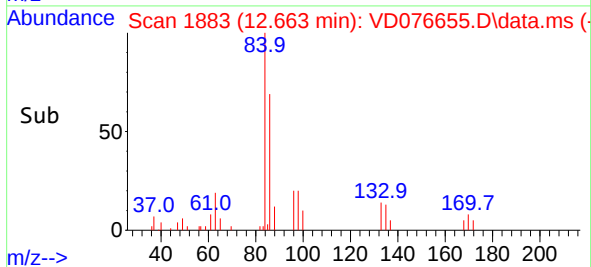
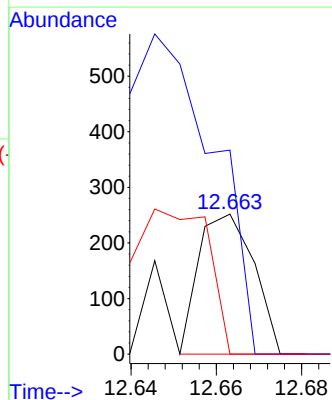
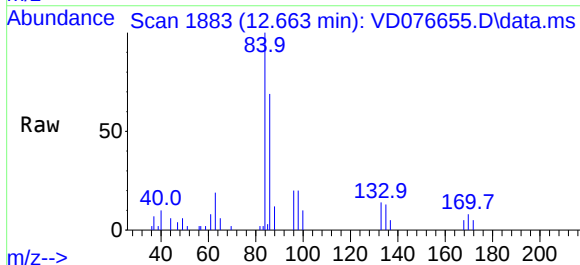
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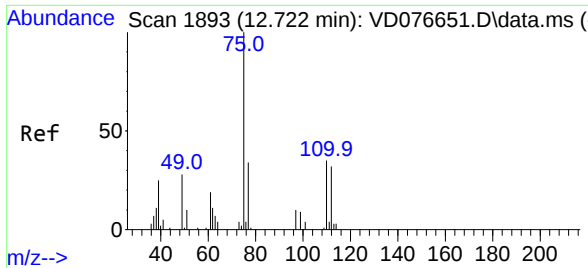
Tgt Ion:106 Resp: 386
Ion Ratio Lower Upper
106 100
91 72.8 141.5 262.9#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.382 ug/L
RT: 12.663 min Scan# 1883
Delta R.T. -0.012 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

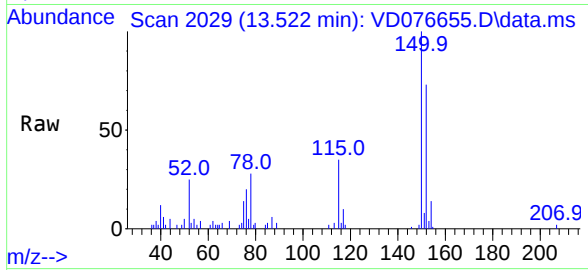
Tgt Ion: 83 Resp: 228
Ion Ratio Lower Upper
83 100
85 145.6 46.3 86.1#
131 0.0 7.0 10.4#





#61
1,2,3-Trichloropropane
Concen: 8.754 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD076655.D
Acq: 30 Jun 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
VIBLK126



Tgt Ion:	75	Resp:	2313
Ion	Ratio	Lower	Upper
75	100		
77	13.1	27.2	40.8#
110	0.0	31.8	47.6#

