

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026376.D
 Acq On : 28 Jun 2023 00:49
 Operator : SY/MD
 Sample : 03420-15
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46F0

Quant Time: Jun 28 05:56:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

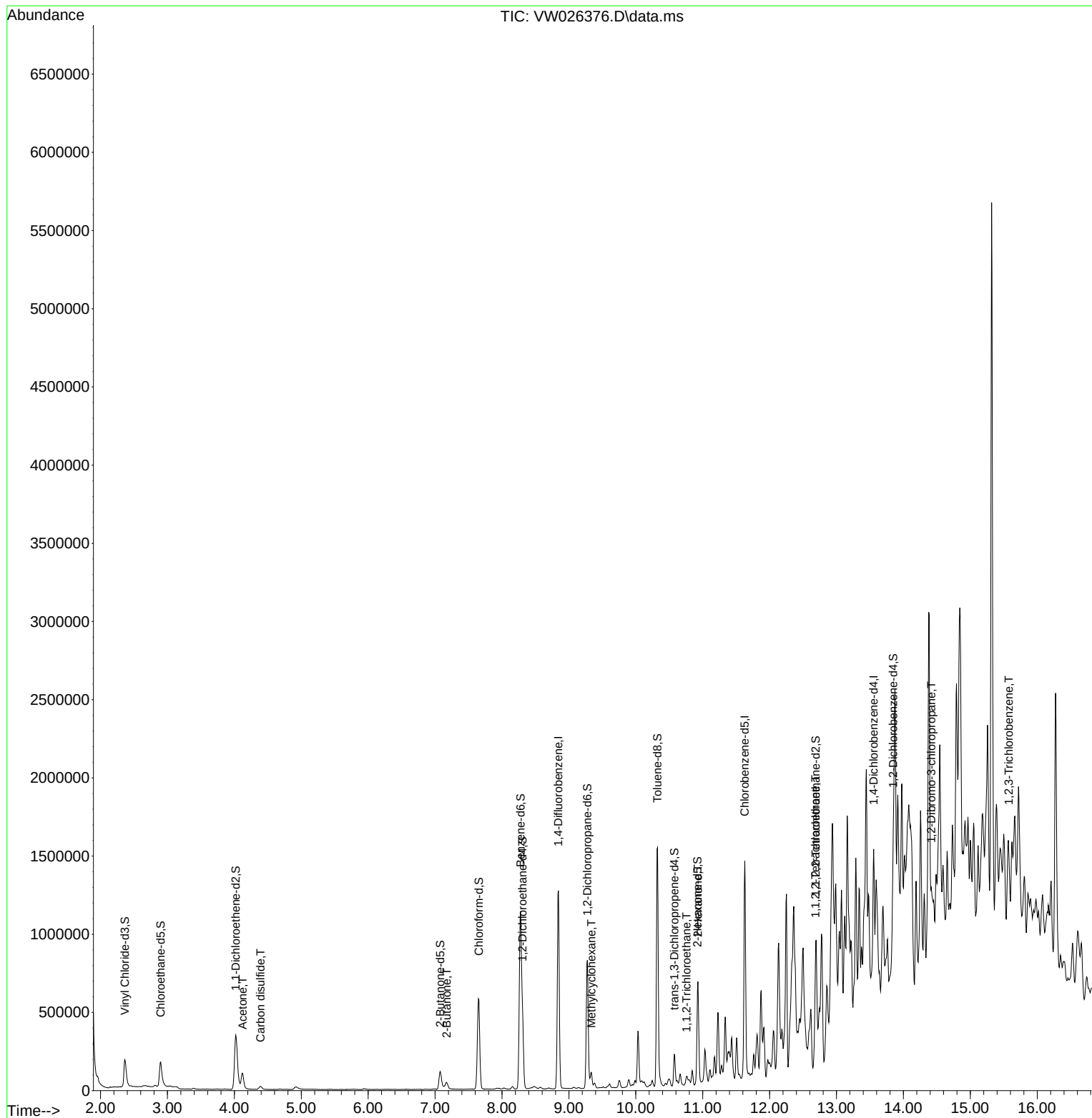
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1008493	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	697966	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215097	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	282353	19.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.080%
7) Chloroethane-d5	2.899	69	241492	23.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.760%
11) 1,1-Dichloroethene-d2	4.021	65	136508	20.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.320%
21) 2-Butanone-d5	7.075	46	201511	43.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.520%
24) Chloroform-d	7.654	84	578904	20.257	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.040%
26) 1,2-Dichloroethane-d4	8.307	65	352140	21.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.720%
32) Benzene-d6	8.276	84	1125289	26.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	9.276	67	367918	26.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.840%
41) Toluene-d8	10.325	98	915137	24.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	10.575	79	107650	19.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.400%
47) 2-Hexanone-d5	10.922	63	128478	59.592	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233996	21.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	156460	20.891	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.560%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	174141	47.250	ug/L	99
14) Carbon disulfide	4.393	76	40763	0.885	ug/L	98
22) 2-Butanone	7.173	43	72816	12.913	ug/L	97
35) Methylcyclohexane	9.337	83	28209	1.363	ug/L #	79
45) 1,1,2-Trichloroethane	10.757	97	17898	2.029	ug/L #	27
48) 2-Hexanone	10.928	43	157744	26.295	ug/L #	41
57) 1,1,2,2-Tetrachloroethane	12.684	83	20700	1.878	ug/L #	77
68) 1,2-Dibromo-3-chloropr...	14.415	75	1731	1.436	ug/L #	15
72) 1,2,3-Trichlorobenzene	15.574	180	6424	0.945	ug/L #	1

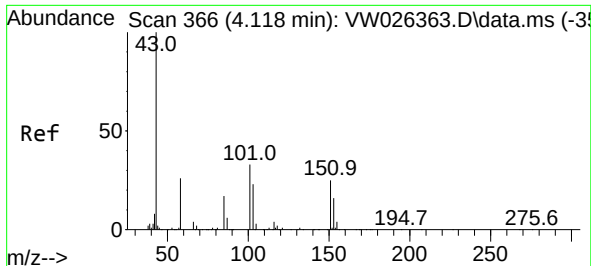
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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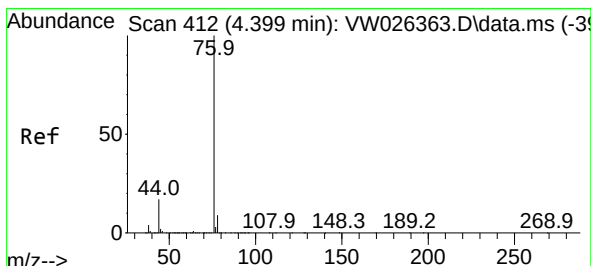
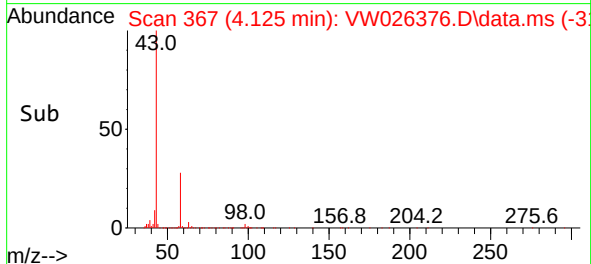
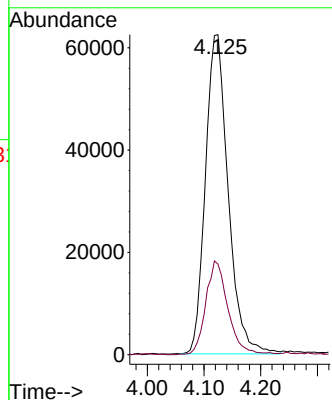
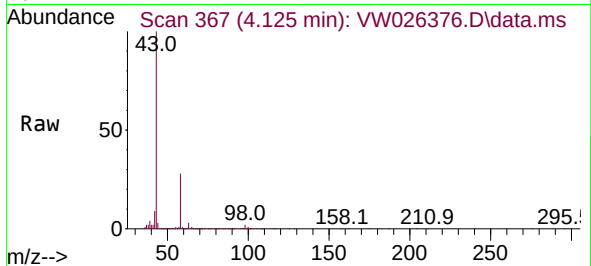




#13
Acetone
Concen: 47.250 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

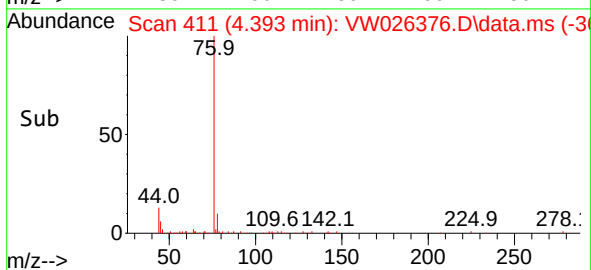
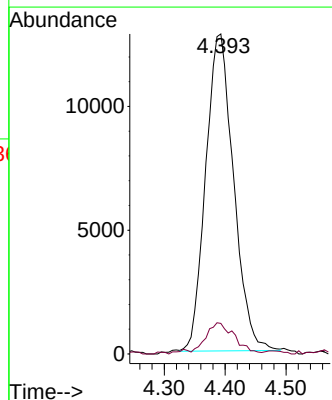
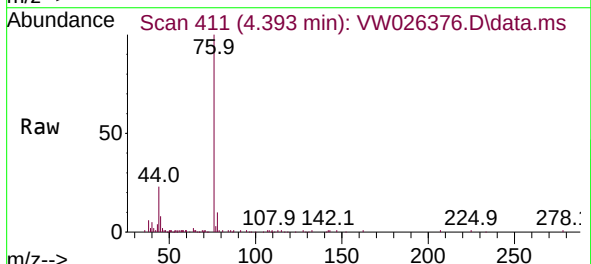
Instrument :
MSVOA_W
ClientSampleId :
A46F0

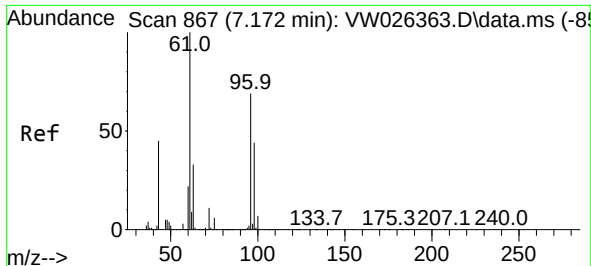
Tgt Ion: 43 Resp: 174141
Ion Ratio Lower Upper
43 100
58 28.5 0.0 55.8



#14
Carbon disulfide
Concen: 0.885 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

Tgt Ion: 76 Resp: 40763
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

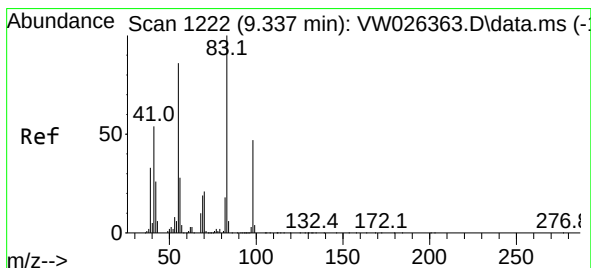
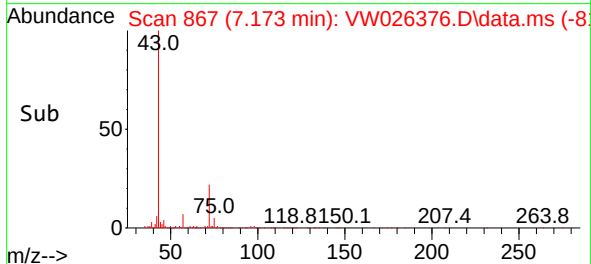
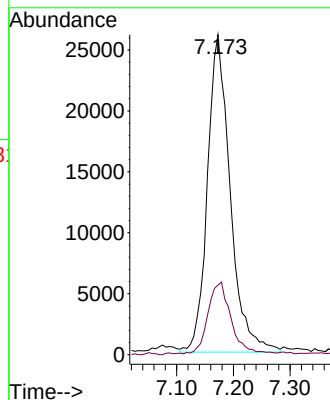
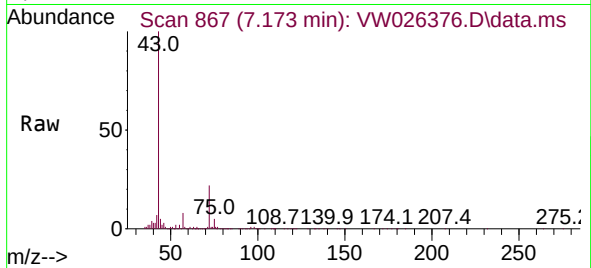




#22
2-Butanone
Concen: 12.913 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

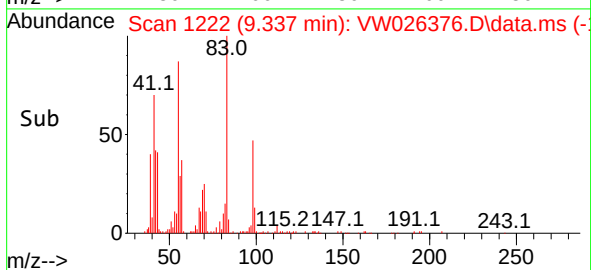
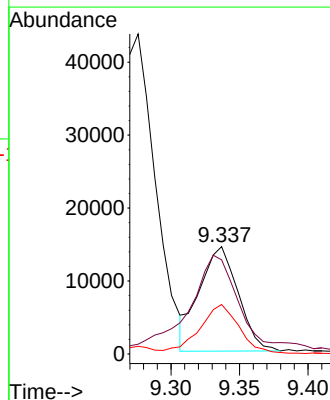
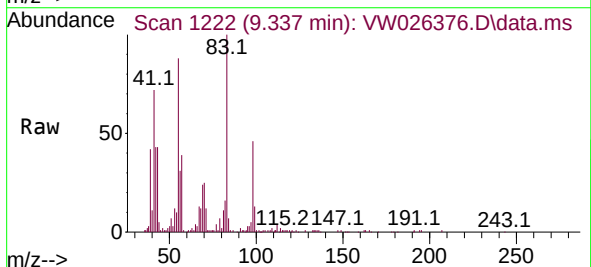
Instrument :
MSVOA_W
ClientSampleId :
A46F0

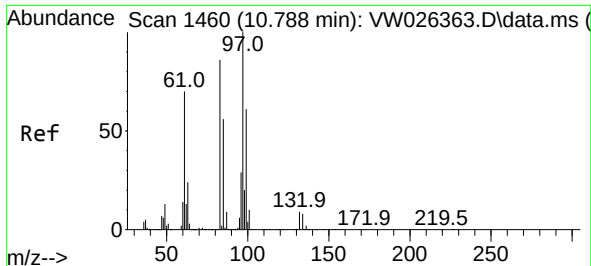
Tgt Ion: 43 Resp: 72816
Ion Ratio Lower Upper
43 100
72 22.3 11.8 35.3



#35
Methylcyclohexane
Concen: 1.363 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

Tgt Ion: 83 Resp: 28209
Ion Ratio Lower Upper
83 100
55 116.3 68.8 103.2#
98 47.4 37.8 56.6

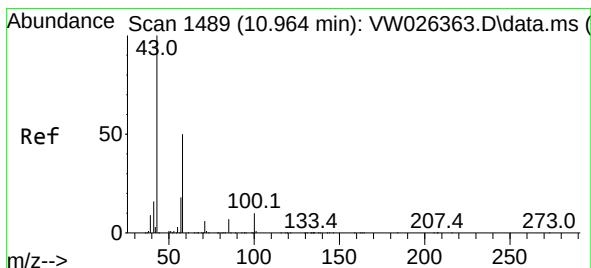
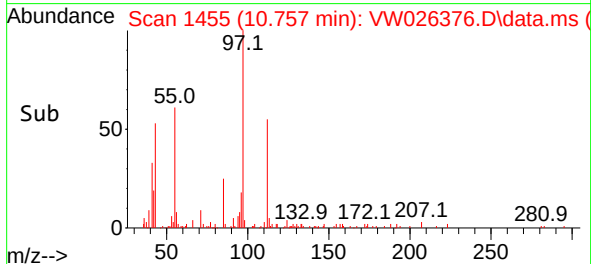
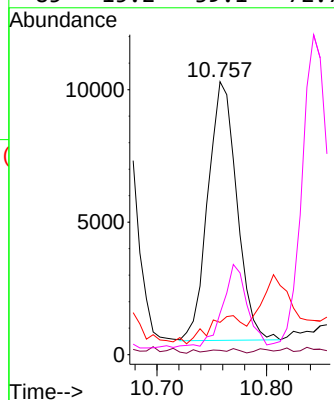
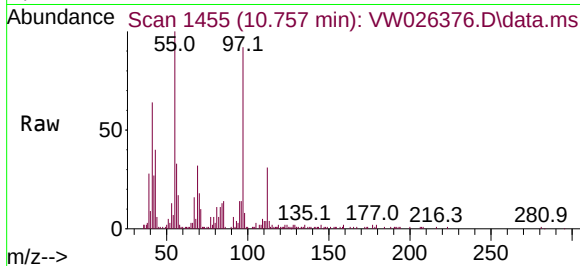




#45
1,1,2-Trichloroethane
Concen: 2.029 ug/L
RT: 10.757 min Scan# 1460
Delta R.T. -0.030 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

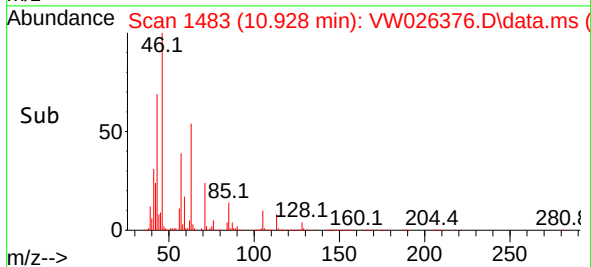
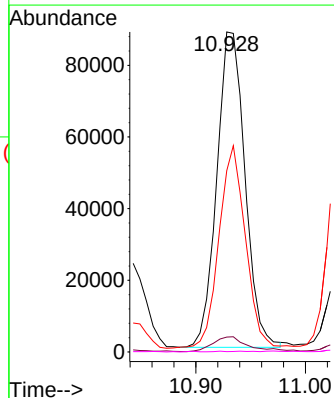
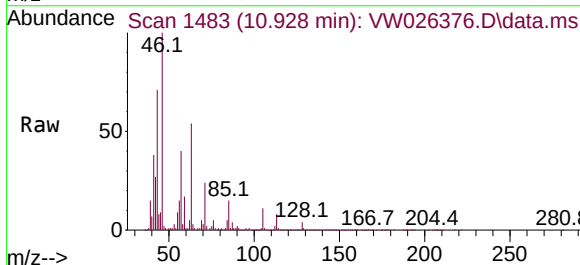
Instrument :
MSVOA_W
ClientSampleId :
A46F0

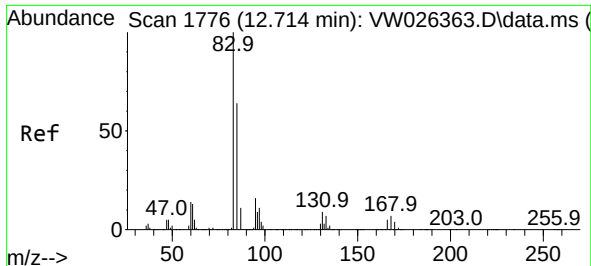
Tgt Ion: 97	Resp: 17898
Ion Ratio	Lower Upper
97 100	
99 1.6	42.4 78.6#
83 11.8	60.8 113.0#
85 15.2	39.1 72.7#



#48
2-Hexanone
Concen: 26.295 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

Tgt Ion: 43	Resp: 157744
Ion Ratio	Lower Upper
43 100	
58 0.0	40.1 60.1#
57 0.0	13.4 20.0#
100 0.1	8.2 12.2#

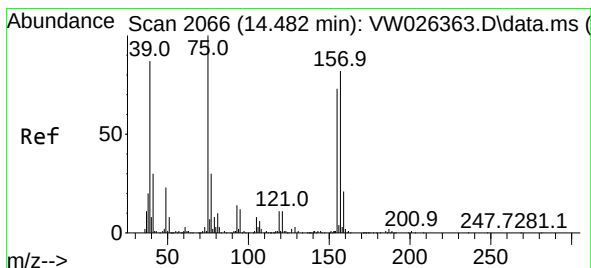
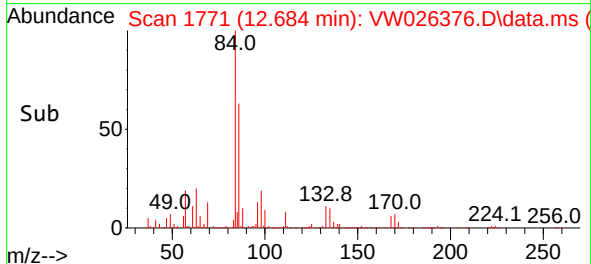
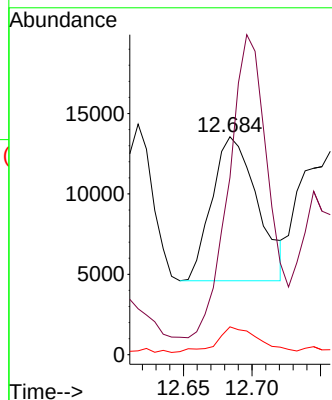
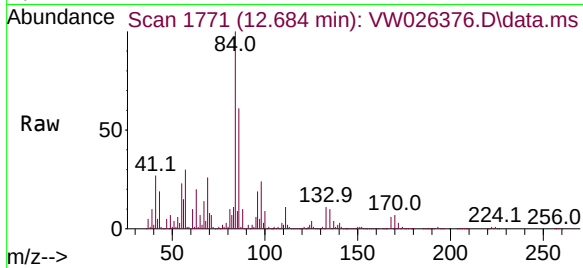




#57
1,1,2,2-Tetrachloroethane
Concen: 1.878 ug/L
RT: 12.684 min Scan# 1
Delta R.T. -0.030 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

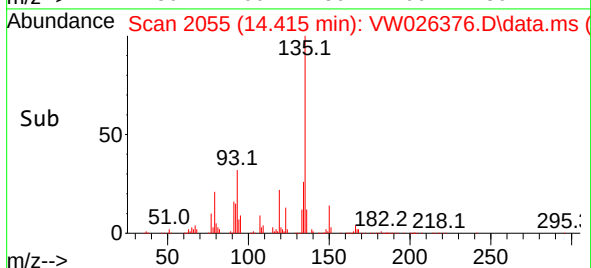
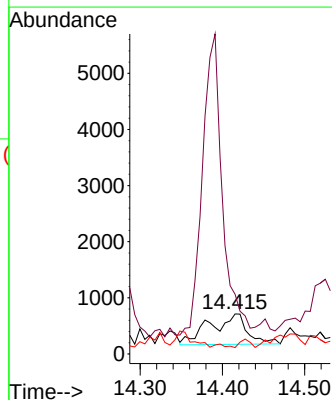
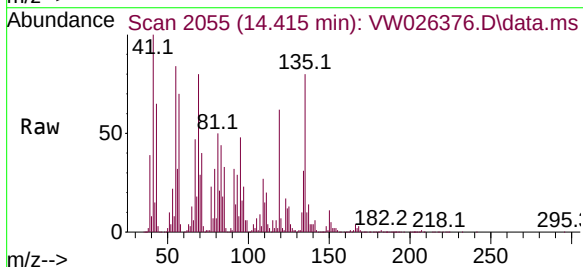
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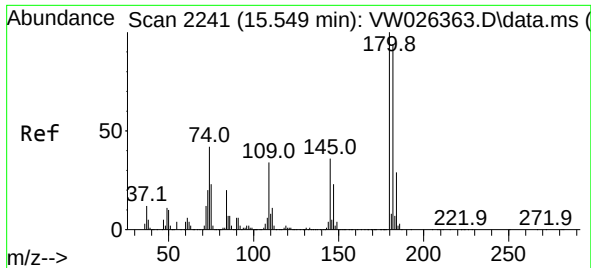
Tgt Ion: 83 Resp: 20700
Ion Ratio Lower Upper
83 100
85 81.3 43.7 81.1#
131 12.8 7.4 11.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 1.436 ug/L
RT: 14.415 min Scan# 2055
Delta R.T. -0.067 min
Lab File: VW026376.D
Acq: 28 Jun 2023 00:49

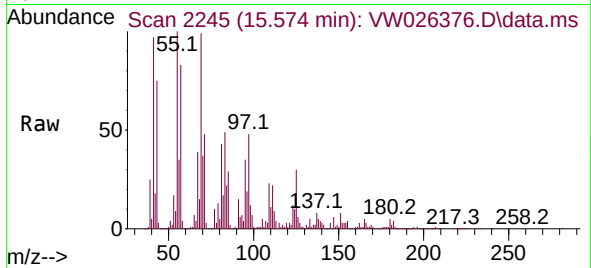
Tgt Ion: 75 Resp: 1731
Ion Ratio Lower Upper
75 100
155 149.3 57.5 86.3#
157 16.0 73.4 110.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.945 ug/L
 RT: 15.574 min Scan# 21
 Delta R.T. 0.025 min
 Lab File: VW026376.D
 Acq: 28 Jun 2023 00:49

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Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.4	75.0	112.6
145	329.7	28.5	42.7

