

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026397.D
 Acq On : 28 Jun 2023 14:45
 Operator : SY/MD
 Sample : 03420-14RE
 Misc : 4.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46E9

Quant Time: Jun 28 23:51:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

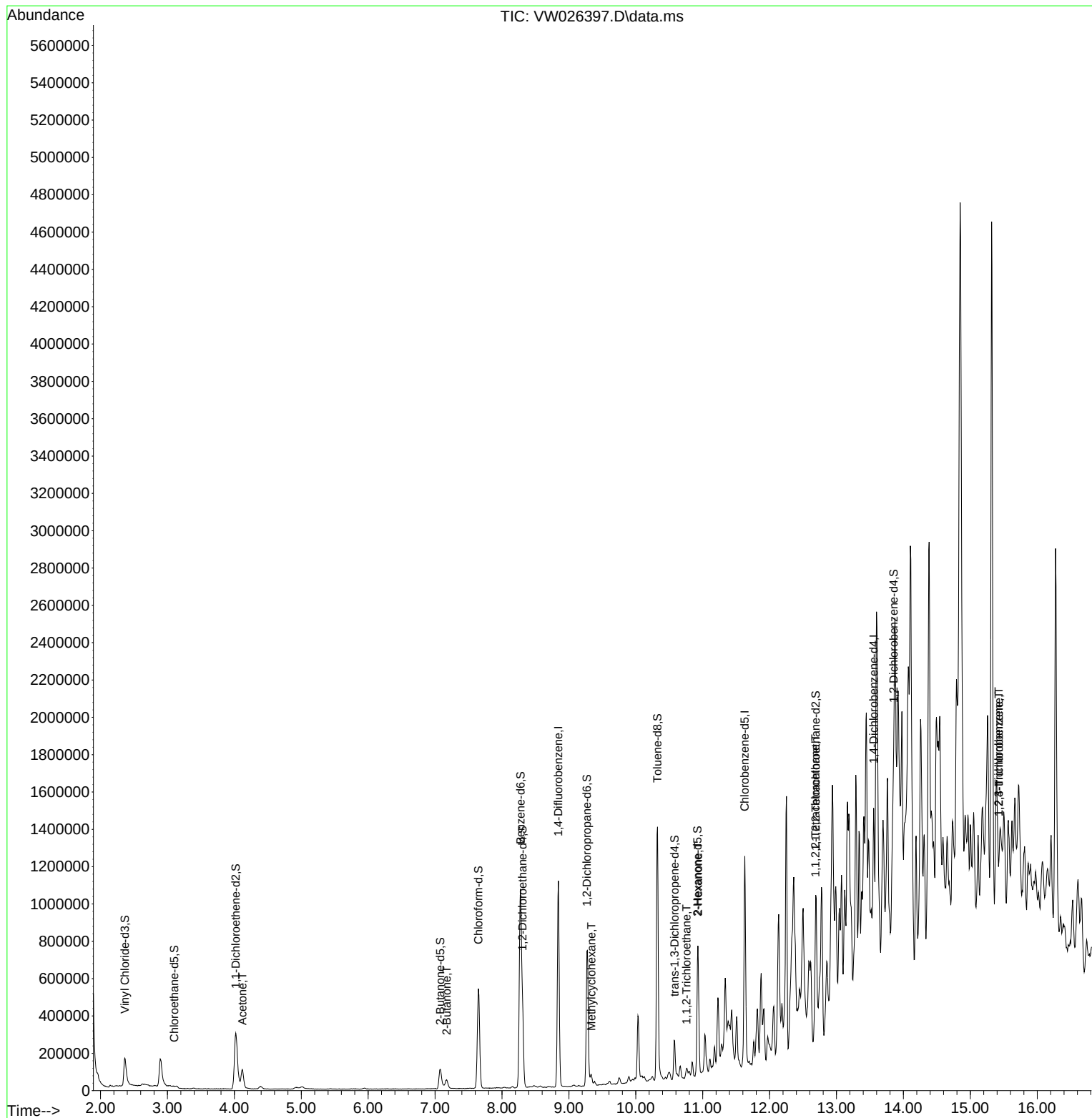
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	838260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556797	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	255684	20.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	3.100	69	322	0.037	ug/L	0.20
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.021	65	120584	21.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	7.075	46	190233	49.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.400%
24) Chloroform-d	7.648	84	522944	22.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.307	65	329947	24.721	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.880%
32) Benzene-d6	8.276	84	1038033	30.119	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.480%
36) 1,2-Dichloropropane-d6	9.270	67	335265	29.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.760%
41) Toluene-d8	10.325	98	799716	26.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.040%
43) trans-1,3-Dichloroprop...	10.581	79	114206	25.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.600%
47) 2-Hexanone-d5	10.922	63	127544	74.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.320%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244789	27.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.040%
66) 1,2-Dichlorobenzene-d4	13.854	152	138614	23.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						Qvalue
13) Acetone	4.118	43	170666	55.711	ug/L	98
22) 2-Butanone	7.173	43	73356	15.650	ug/L	99
35) Methylcyclohexane	9.337	83	16151	0.978	ug/L #	76
45) 1,1,2-Trichloroethane	10.757	97	16385	2.329	ug/L #	33
48) 2-Hexanone	10.934	43	176661	36.914	ug/L #	32
57) 1,1,2,2-Tetrachloroethane	12.684	83	15297	1.739	ug/L #	81
70) 1,2,4-trichlorobenzene	15.427	180	4534	0.806	ug/L	91
72) 1,2,3-Trichlorobenzene	15.427	180	4534	0.863	ug/L	86

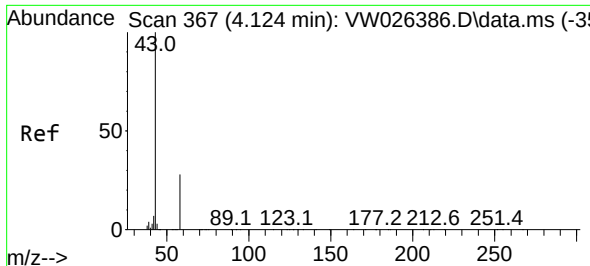
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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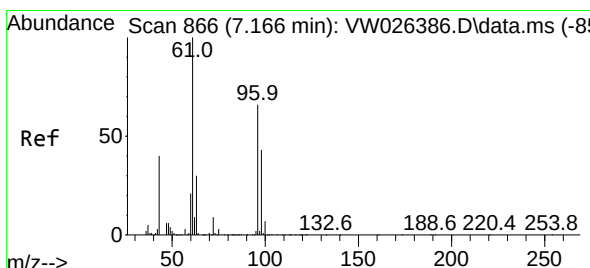
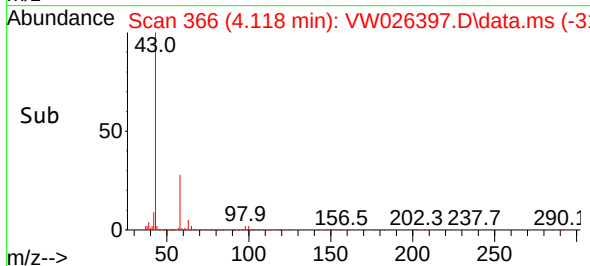
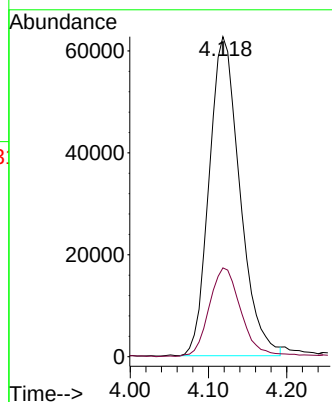
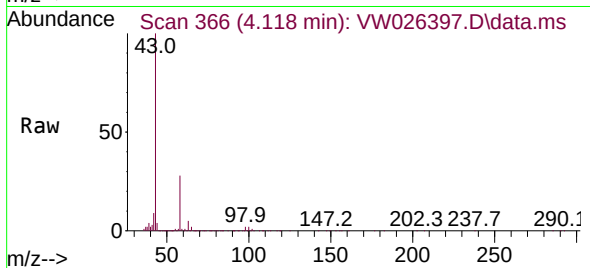




#13
Acetone
Concen: 55.711 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

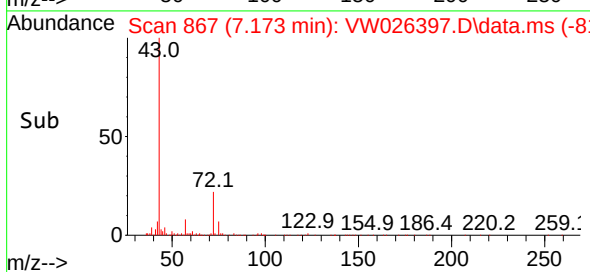
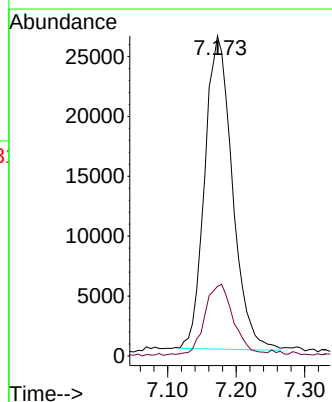
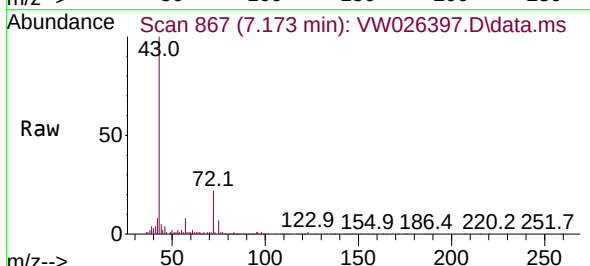
Instrument :
MSVOA_W
ClientSampleId :
A46E9

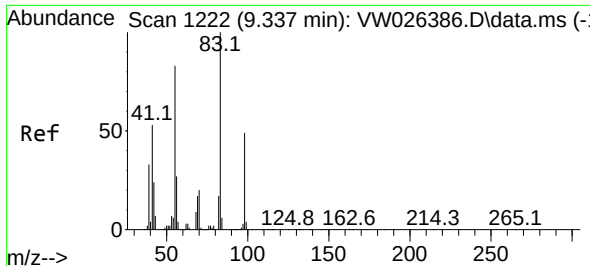
Tgt Ion: 43 Resp: 170666
Ion Ratio Lower Upper
43 100
58 28.7 0.0 55.8



#22
2-Butanone
Concen: 15.650 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

Tgt Ion: 43 Resp: 73356
Ion Ratio Lower Upper
43 100
72 24.0 11.8 35.3

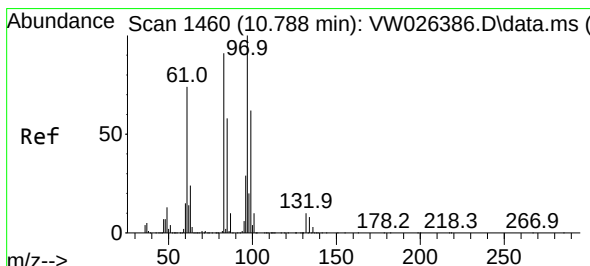
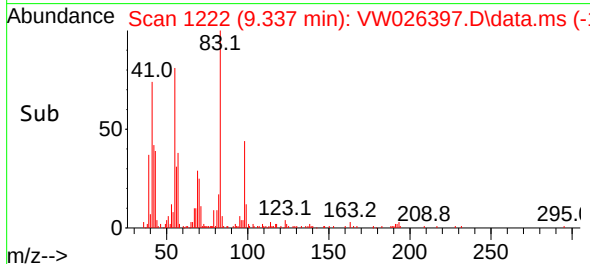
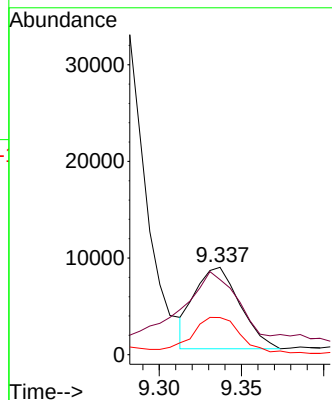
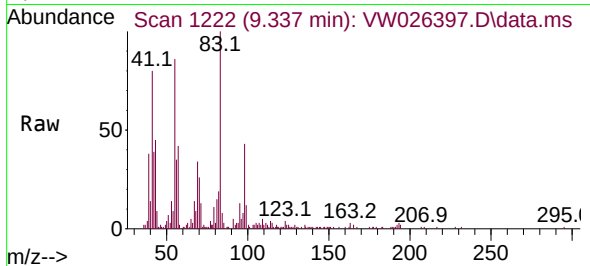




#35
Methylcyclohexane
Concen: 0.978 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

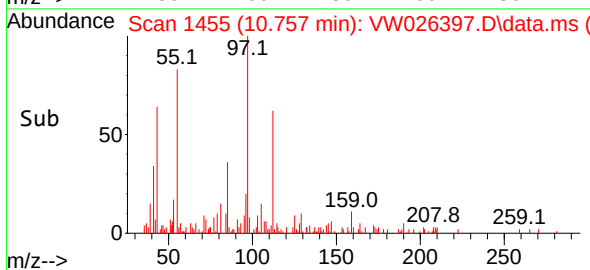
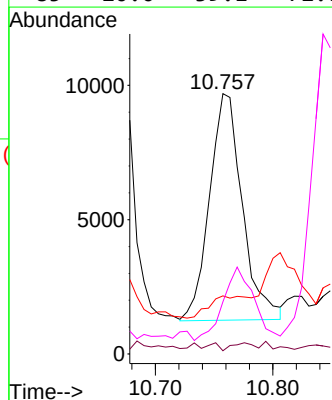
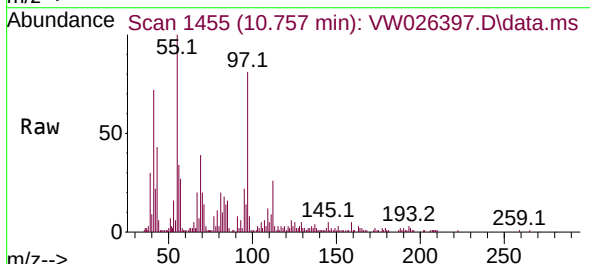
Instrument :
MSVOA_W
ClientSampleId :
A46E9

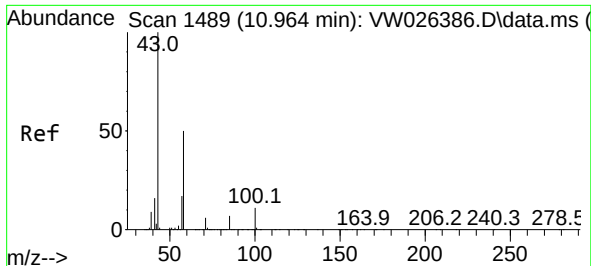
Tgt Ion: 83 Resp: 16151
Ion Ratio Lower Upper
83 100
55 118.7 68.8 103.2#
98 48.9 37.8 56.6



#45
1,1,2-Trichloroethane
Concen: 2.329 ug/L
RT: 10.757 min Scan# 1455
Delta R.T. -0.030 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

Tgt Ion: 97 Resp: 16385
Ion Ratio Lower Upper
97 100
99 1.2 42.4 78.6#
83 22.3 60.8 113.0#
85 20.0 39.1 72.7#

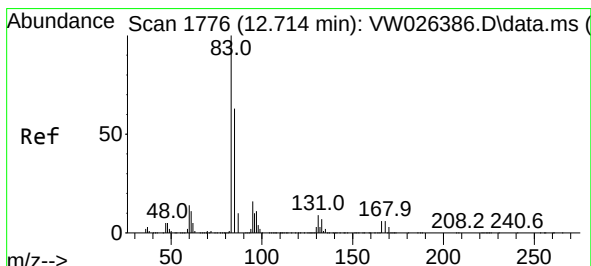
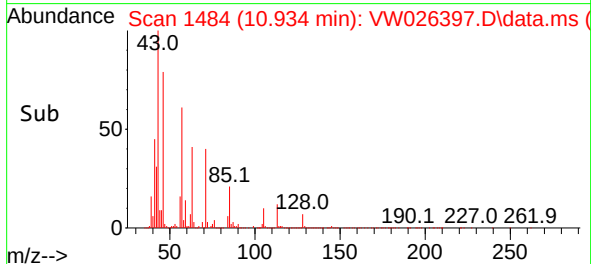
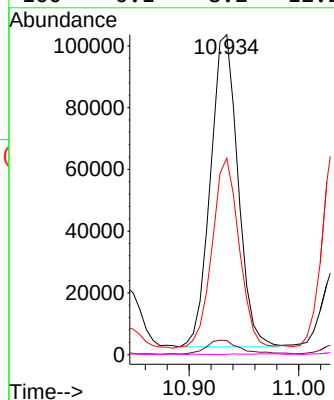
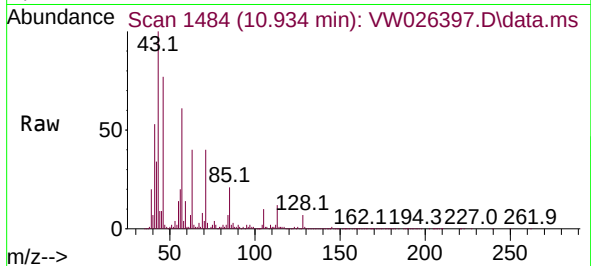




#48
2-Hexanone
Concen: 36.914 ug/L
RT: 10.934 min Scan# 1484
Delta R.T. -0.030 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

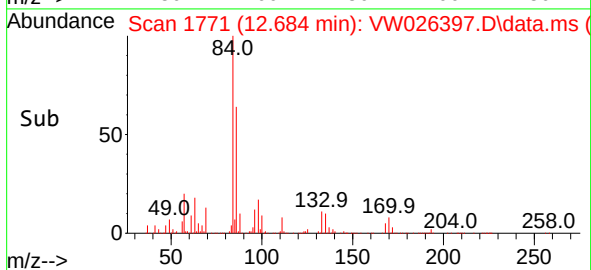
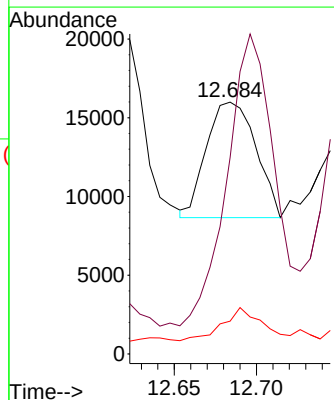
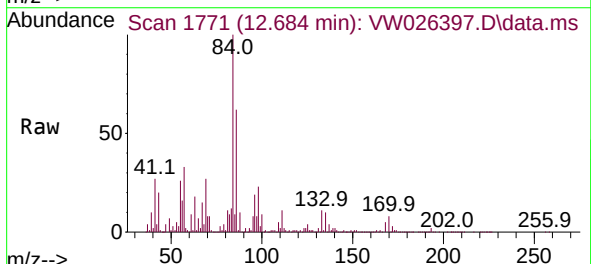
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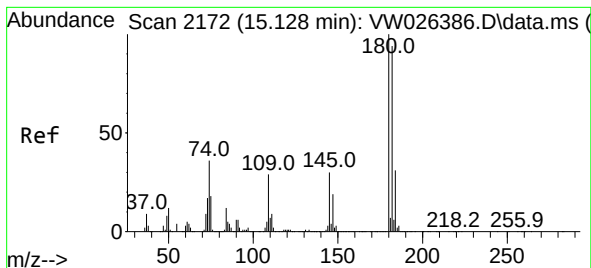
Tgt Ion: 43 Resp: 176661
Ion Ratio Lower Upper
43 100
58 5.4 40.1 60.1#
57 60.1 13.4 20.0#
100 0.1 8.2 12.2#



#57
1,1,2,2-Tetrachloroethane
Concen: 1.739 ug/L
RT: 12.684 min Scan# 1771
Delta R.T. -0.030 min
Lab File: VW026397.D
Acq: 28 Jun 2023 14:45

Tgt Ion: 83 Resp: 15297
Ion Ratio Lower Upper
83 100
85 78.0 43.7 81.1
131 13.1 7.4 11.0#





#70

1,2,4-trichlorobenzene

Concen: 0.806 ug/L

RT: 15.427 min Scan# 2172

Delta R.T. 0.299 min

Lab File: VW026397.D

Acq: 28 Jun 2023 14:45

Instrument :

MSVOA_W

ClientSampleId :

A46E9

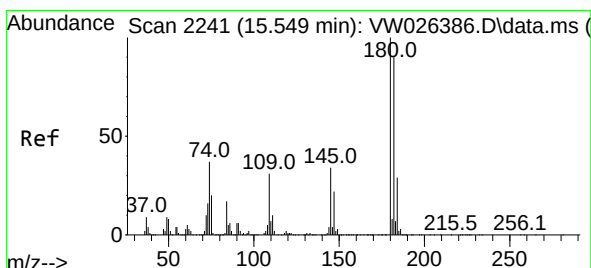
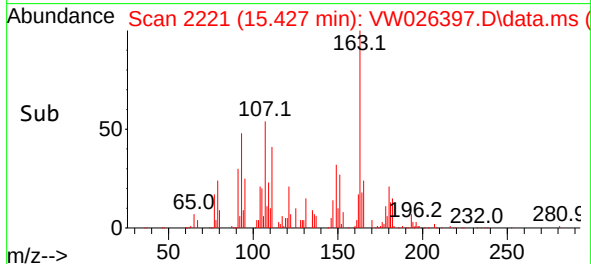
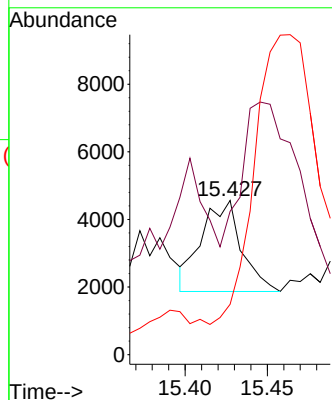
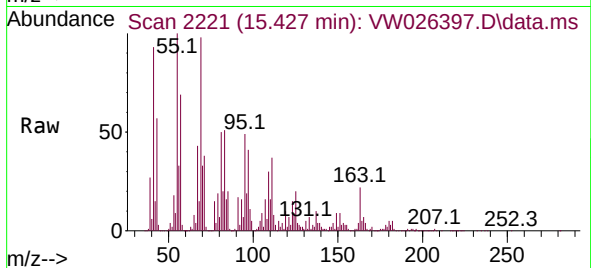
Tgt Ion:180 Resp: 4534

Ion Ratio Lower Upper

180 100

182 104.6 75.6 113.4

145 33.1 24.7 37.1



#72

1,2,3-Trichlorobenzene

Concen: 0.863 ug/L

RT: 15.427 min Scan# 2221

Delta R.T. -0.122 min

Lab File: VW026397.D

Acq: 28 Jun 2023 14:45

Tgt Ion:180 Resp: 4534

Ion Ratio Lower Upper

180 100

182 76.7 75.0 112.6

145 33.1 28.5 42.7

