

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026454.D
 Acq On : 30 Jun 2023 00:03
 Operator : SY/MD
 Sample : 03452-11
 Misc : 4.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N9

Quant Time: Jun 30 01:24:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

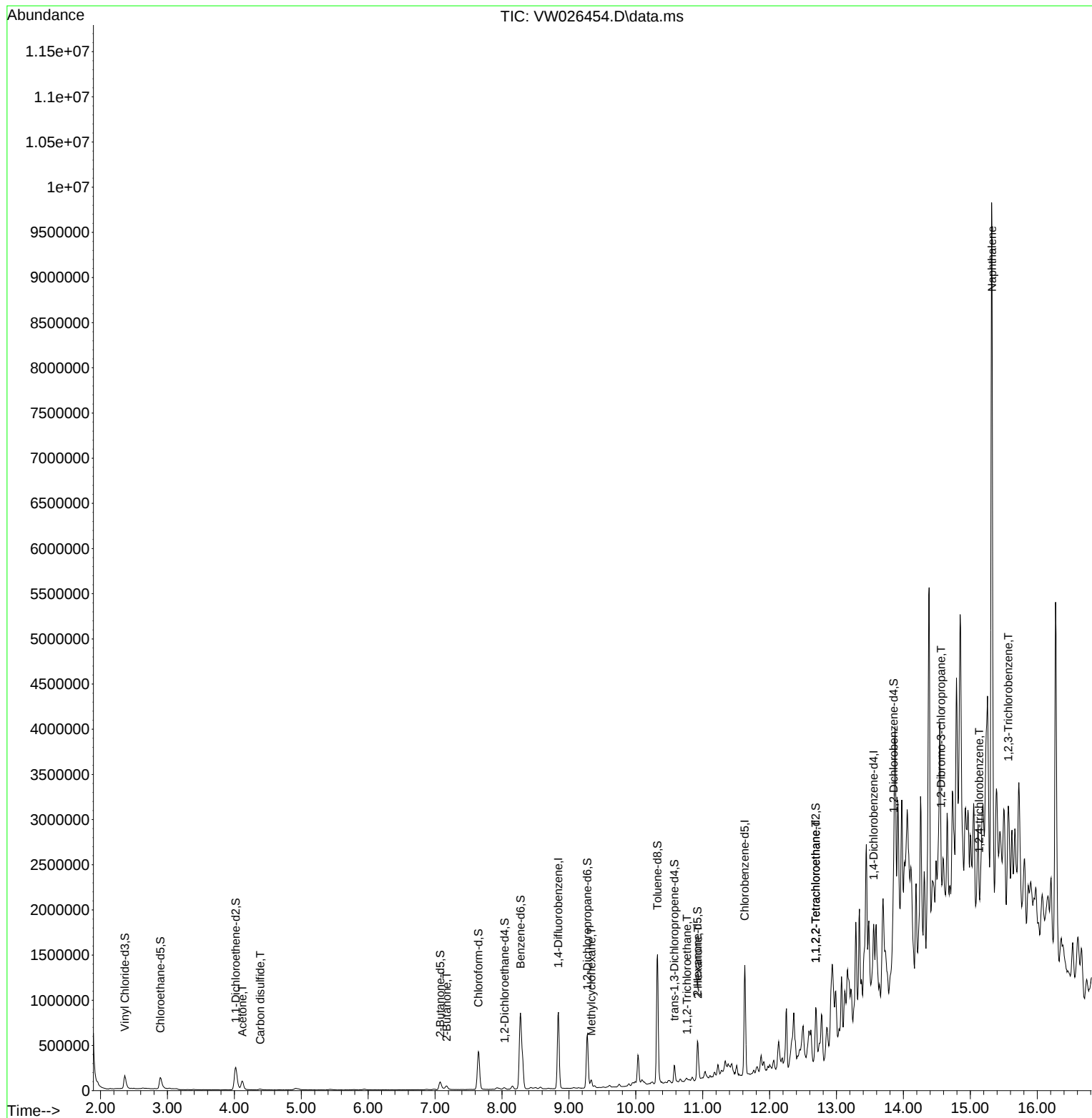
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	661242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	652548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	214888	28.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.160%
7) Chloroethane-d5	2.893	69	198669	32.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.640%
11) 1,1-Dichloroethene-d2	4.021	65	95169	25.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.040%
21) 2-Butanone-d5	7.075	46	150001	52.718	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.440%
24) Chloroform-d	7.648	84	411300	25.519	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	8.038	65	161	0.018	ug/L	-0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	816328	21.510	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	9.276	67	260404	21.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	10.324	98	874083	26.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.280%
43) trans-1,3-Dichloroprop...	10.574	79	104623	21.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.840%
47) 2-Hexanone-d5	10.922	63	129214	63.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220299	23.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.360%
66) 1,2-Dichlorobenzene-d4	13.854	152	147616	22.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.680%
Target Compounds						Qvalue
13) Acetone	4.118	43	161539	80.368	ug/L	94
14) Carbon disulfide	4.386	76	16041	0.669	ug/L #	91
22) 2-Butanone	7.173	43	65918	20.003	ug/L	93
35) Methylcyclohexane	9.337	83	26639	1.436	ug/L #	70
45) 1,1,2-Trichloroethane	10.763	97	13620	1.843	ug/L #	41
48) 2-Hexanone	10.928	43	57919	11.585	ug/L #	37
57) 1,1,2,2-Tetrachloroethane	12.690	83	8138	0.902	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	14.561	75	1148	1.226	ug/L #	1
70) 1,2,4-trichlorobenzene	15.135	180	4484	0.665	ug/L #	1
71) Naphthalene	15.324	128	6617	0.481	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.567	180	10765	1.856	ug/L #	1

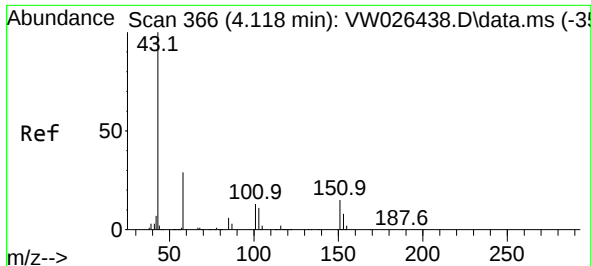
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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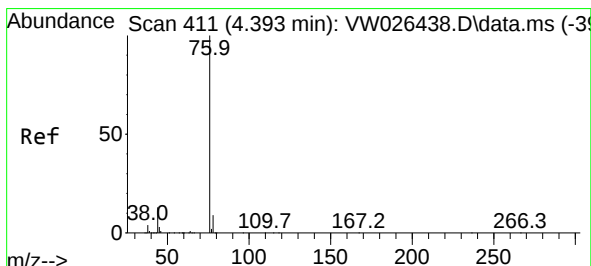
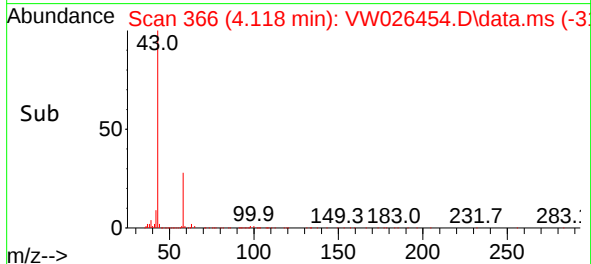
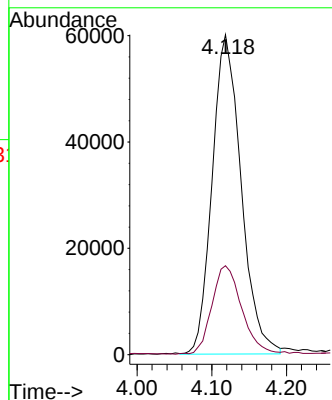
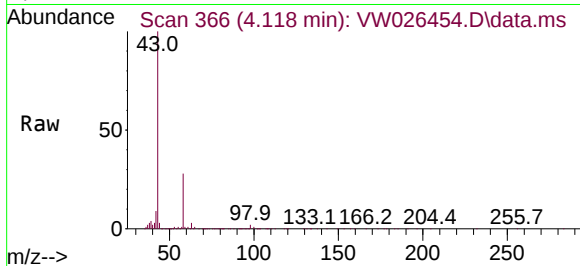




#13
Acetone
Concen: 80.368 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

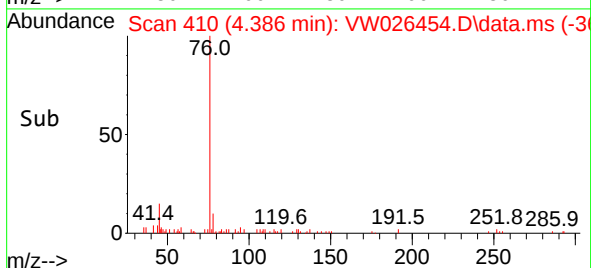
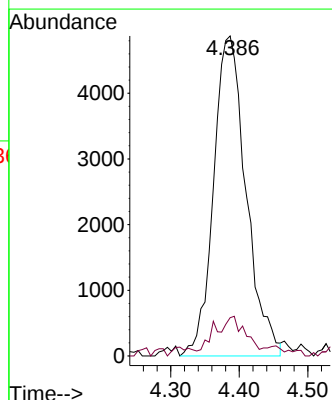
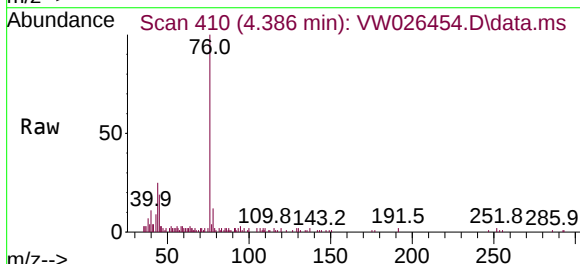
Instrument :
MSVOA_W
ClientSampleId :
A46N9

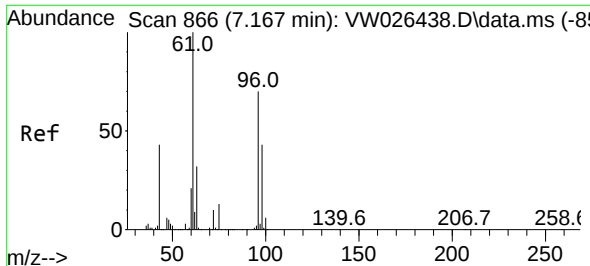
Tgt Ion: 43 Resp: 161539
Ion Ratio Lower Upper
43 100
58 28.4 0.0 63.2



#14
Carbon disulfide
Concen: 0.669 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

Tgt Ion: 76 Resp: 16041
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7#

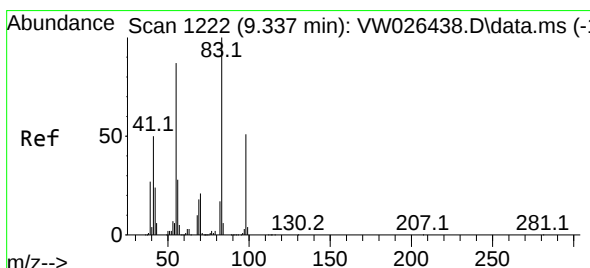
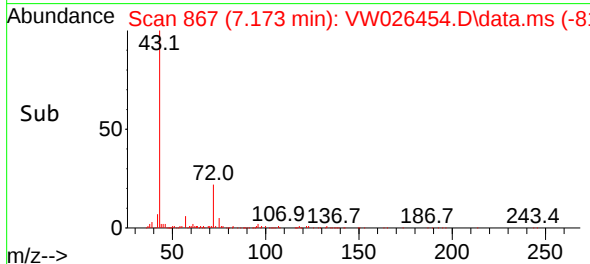
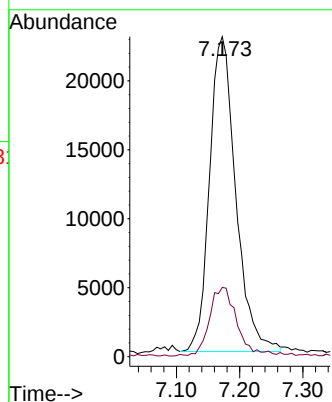
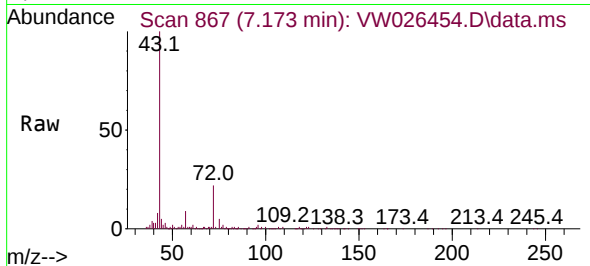




#22
2-Butanone
Concen: 20.003 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

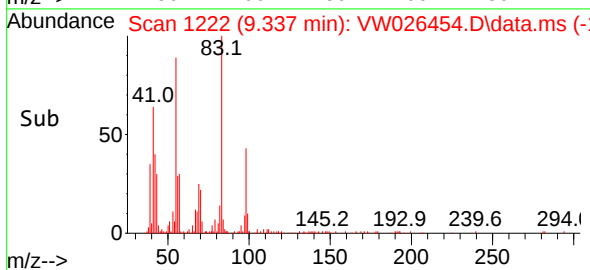
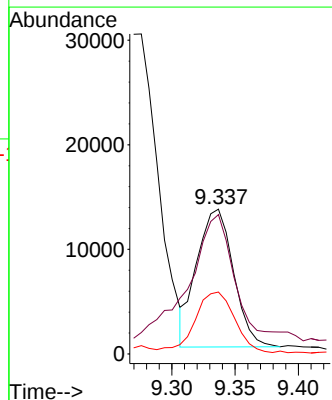
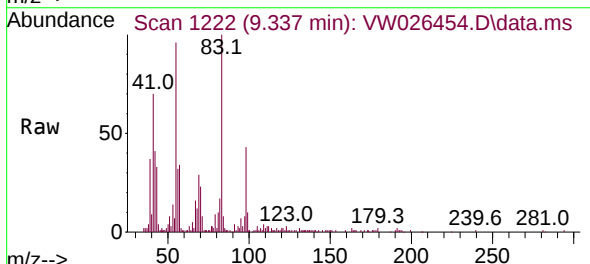
Instrument :
MSVOA_W
ClientSampleId :
A46N9

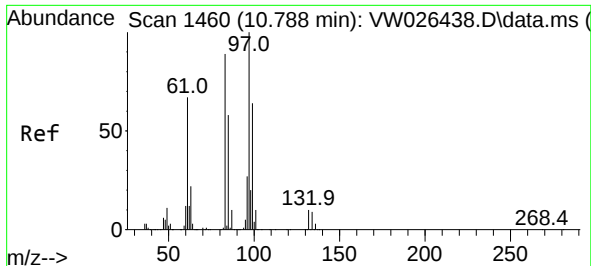
Tgt Ion: 43 Resp: 65918
Ion Ratio Lower Upper
43 100
72 21.7 12.6 37.8



#35
Methylcyclohexane
Concen: 1.436 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

Tgt Ion: 83 Resp: 26639
Ion Ratio Lower Upper
83 100
55 123.5 66.5 99.7#
98 48.0 37.0 55.6



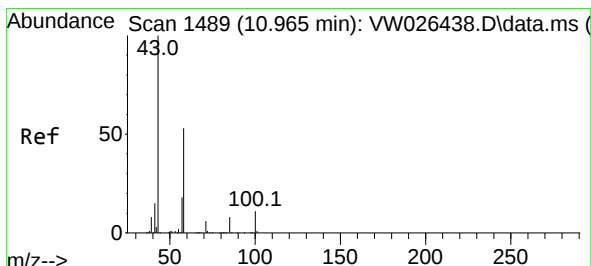
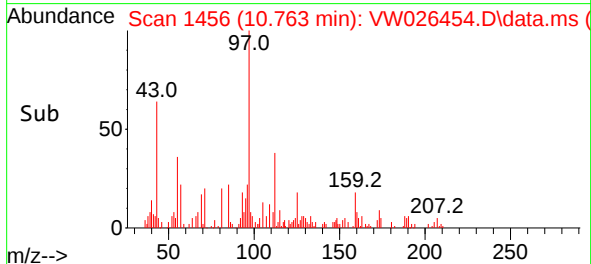
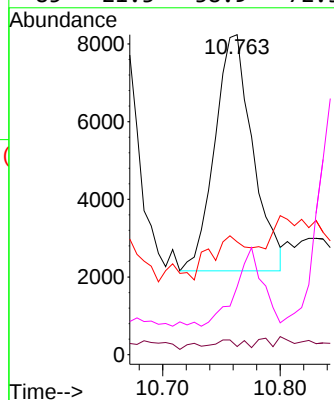
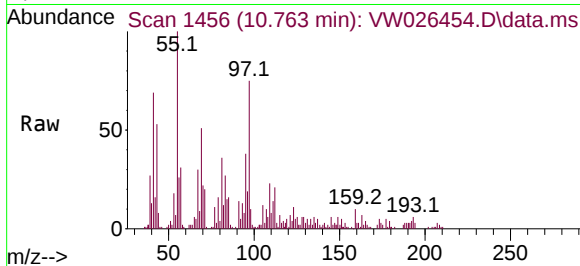


#45
1,1,2-Trichloroethane
Concen: 1.843 ug/L
RT: 10.763 min Scan# 1456
Delta R.T. -0.025 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

Instrument :
MSVOA_W
ClientSampleId :
A46N9

Tgt Ion: 97 Resp: 13620

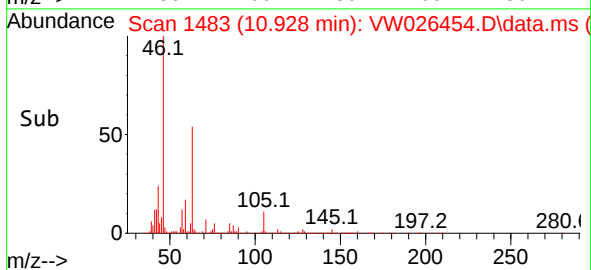
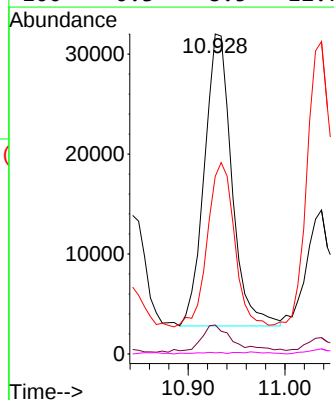
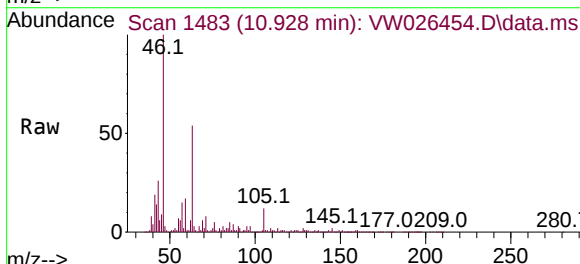
Ion	Ratio	Lower	Upper
97	100		
99	2.6	42.1	78.3#
83	35.3	60.5	112.5#
85	21.3	38.9	72.3#

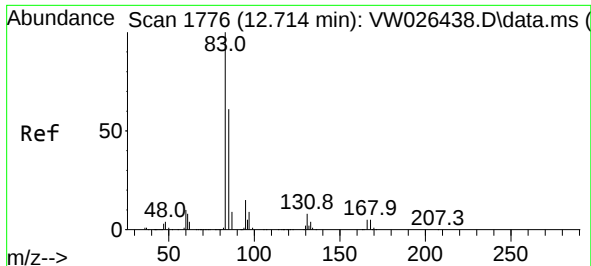


#48
2-Hexanone
Concen: 11.585 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

Tgt Ion: 43 Resp: 57919

Ion	Ratio	Lower	Upper
43	100		
58	8.4	42.1	63.1#
57	55.2	14.5	21.7#
100	0.3	8.5	12.7#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.902 ug/L

RT: 12.690 min Scan# 11

Delta R.T. -0.025 min

Lab File: VW026454.D

Acq: 30 Jun 2023 00:03

Instrument :

MSVOA_W

ClientSampleId :

A46N9

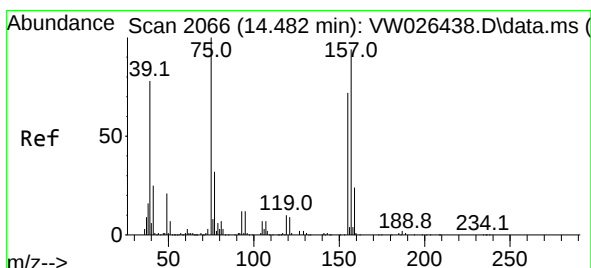
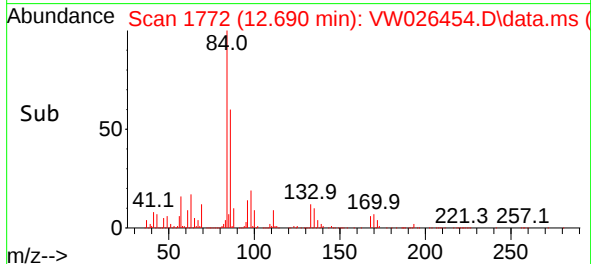
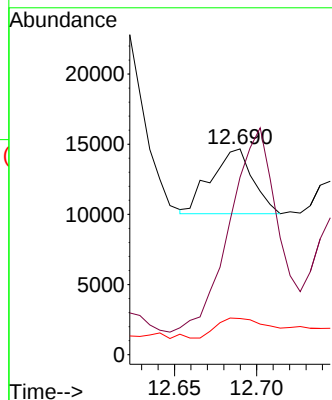
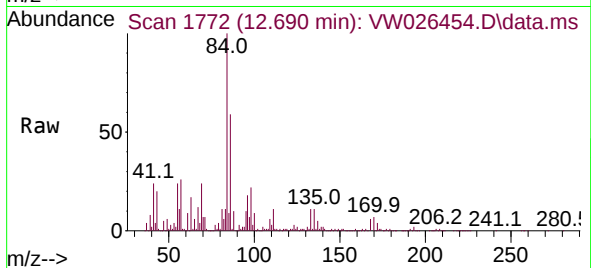
Tgt Ion: 83 Resp: 8138

Ion Ratio Lower Upper

83 100

85 86.2 44.6 82.8#

131 17.5 7.2 10.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 1.226 ug/L

RT: 14.561 min Scan# 2079

Delta R.T. 0.079 min

Lab File: VW026454.D

Acq: 30 Jun 2023 00:03

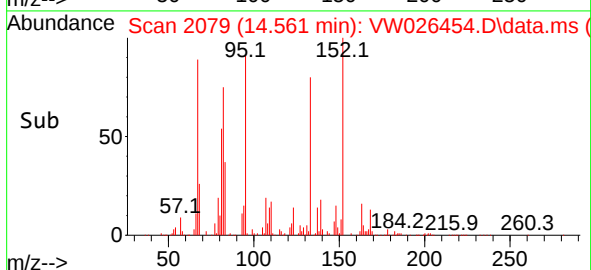
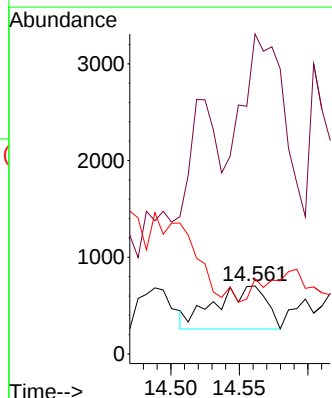
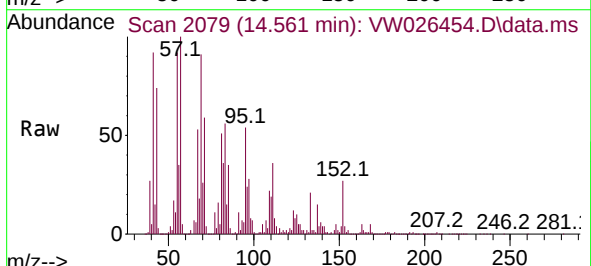
Tgt Ion: 75 Resp: 1148

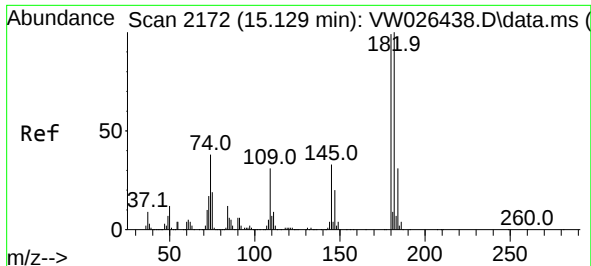
Ion Ratio Lower Upper

75 100

155 470.0 58.5 87.7#

157 110.5 77.4 116.2

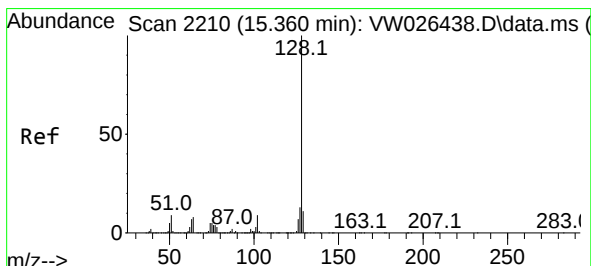
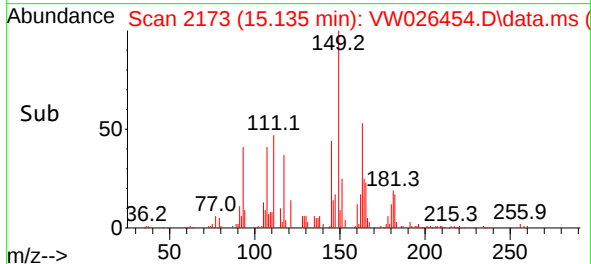
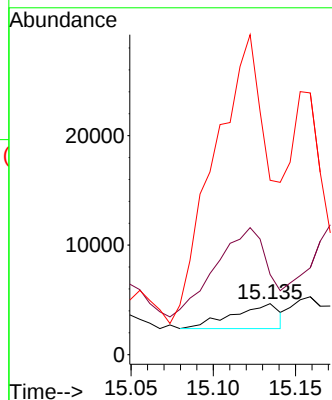
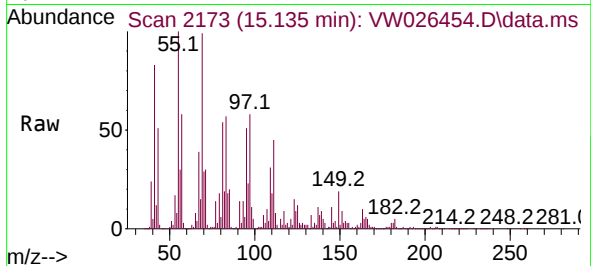




#70
1,2,4-trichlorobenzene
Concen: 0.665 ug/L
RT: 15.135 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

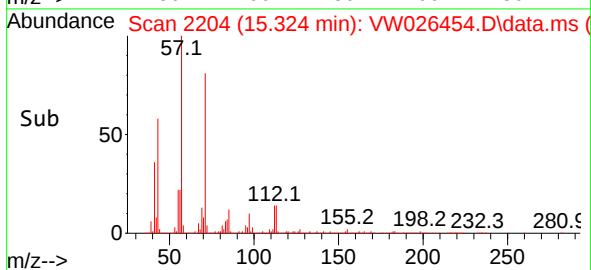
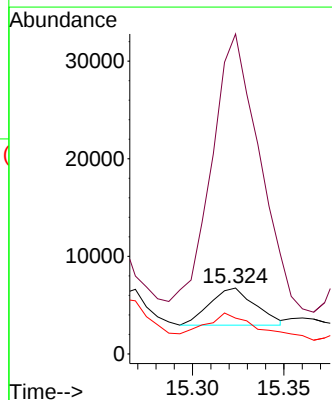
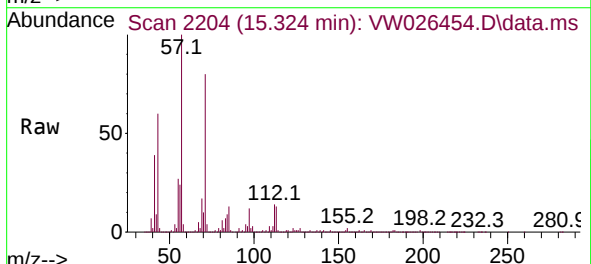
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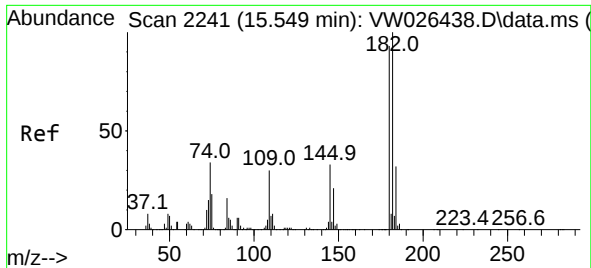
Tgt Ion:180 Resp: 4484
Ion Ratio Lower Upper
180 100
182 401.5 75.5 113.3#
145 1343.7 26.2 39.2#



#71
Naphthalene
Concen: 0.481 ug/L
RT: 15.324 min Scan# 2204
Delta R.T. -0.037 min
Lab File: VW026454.D
Acq: 30 Jun 2023 00:03

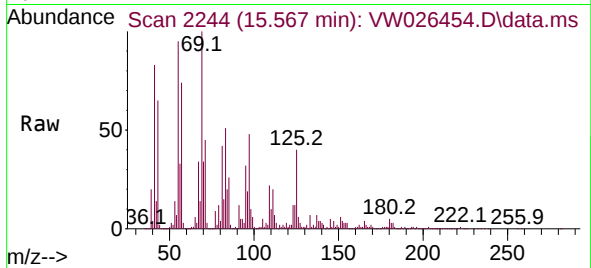
Tgt Ion:128 Resp: 6617
Ion Ratio Lower Upper
128 100
127 846.6 10.4 15.6#
129 86.0 8.3 12.5#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.856 ug/L
 RT: 15.567 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VW026454.D
 Acq: 30 Jun 2023 00:03

Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	124.3	75.7	113.5#
145	324.9	27.0	40.6#

