

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026343.D
 Acq On : 27 Jun 2023 10:38
 Operator : SY/MD
 Sample : 03421-02
 Misc : 5.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4634

Quant Time: Jun 28 01:20:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 01:18:48 2023
 Response via : Initial Calibration

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

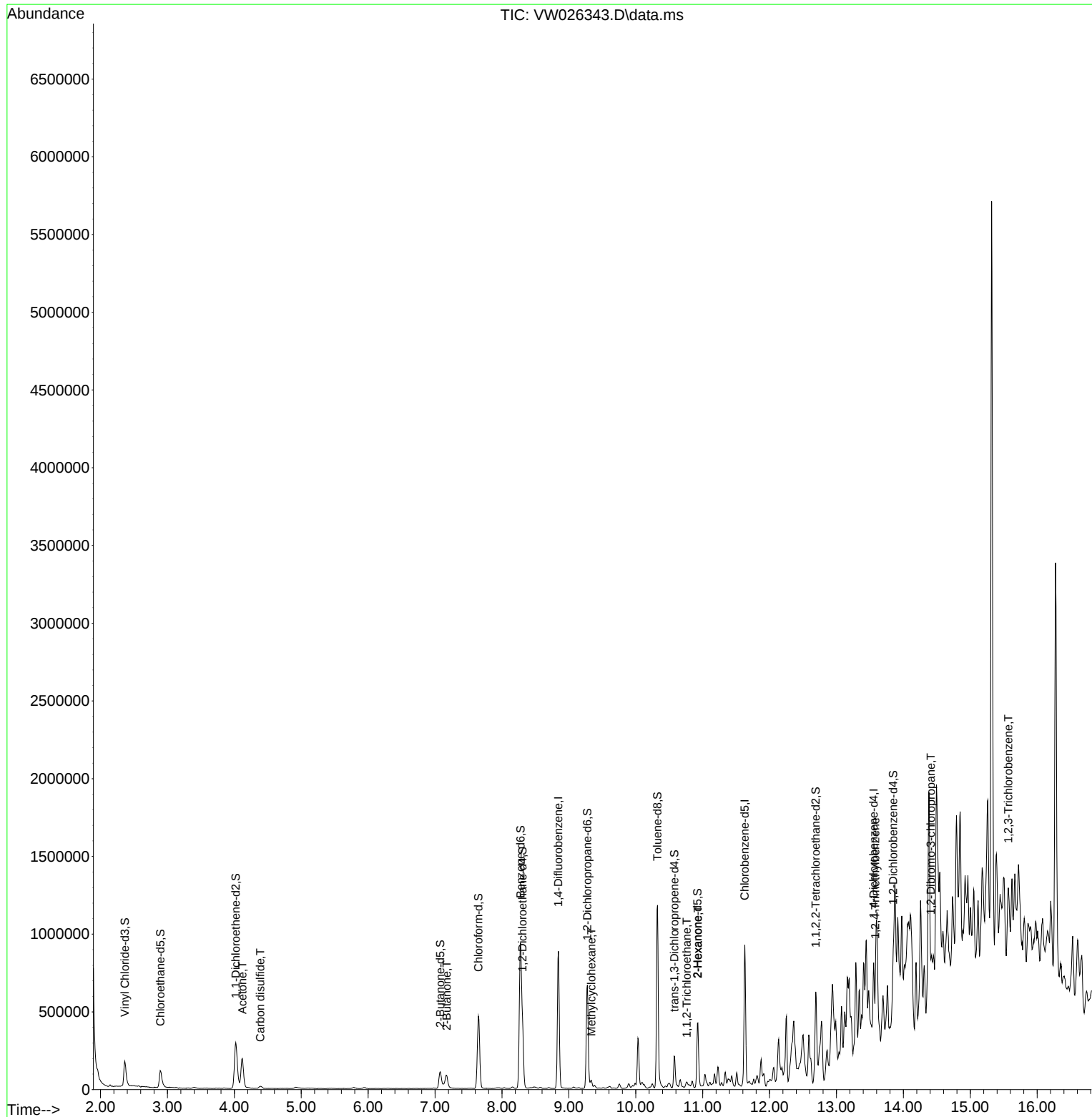
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	686170	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115578	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	248973	24.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.920%
7) Chloroethane-d5	2.893	69	171288	24.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
11) 1,1-Dichloroethene-d2	4.021	65	113620	25.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.720%
21) 2-Butanone-d5	7.075	46	191599	61.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.320%
24) Chloroform-d	7.648	84	468806	24.111	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.307	65	295865	27.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.320%
32) Benzene-d6	8.276	84	940907	32.626	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.520%
36) 1,2-Dichloropropane-d6	9.276	67	308224	32.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.560%#
41) Toluene-d8	10.325	98	691362	27.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.560%
43) trans-1,3-Dichloroprop...	10.575	79	111013	29.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.000%
47) 2-Hexanone-d5	10.922	63	119234	82.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.700%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200934	27.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	93542	23.245	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	336359	134.136	ug/L	99
14) Carbon disulfide	4.387	76	25620	0.817	ug/L	96
22) 2-Butanone	7.173	43	144787	37.736	ug/L	97
35) Methylcyclohexane	9.337	83	10818	0.783	ug/L #	61
45) 1,1,2-Trichloroethane	10.764	97	9439	1.603	ug/L #	29
48) 2-Hexanone	10.928	43	57273	14.302	ug/L #	40
63) 1,2,4-Trimethylbenzene	13.580	105	7232	0.557	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.409	75	1031	1.592	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.568	180	3779	1.035	ug/L #	1

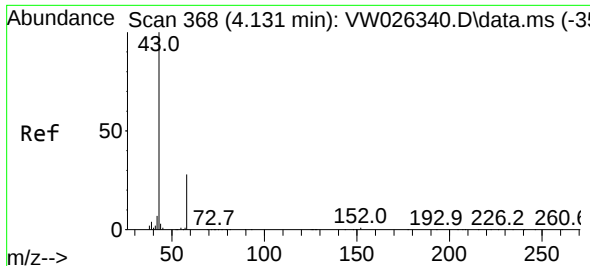
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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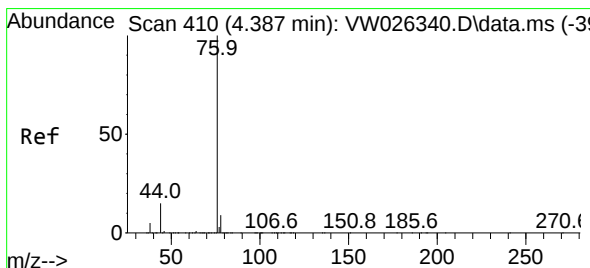
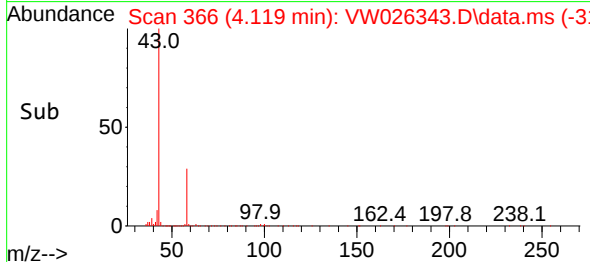
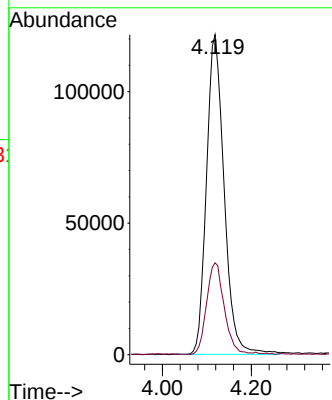
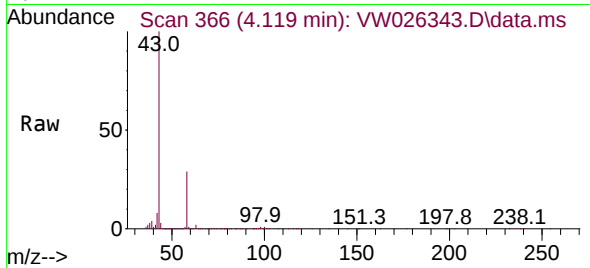




#13
Acetone
Concen: 134.136 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

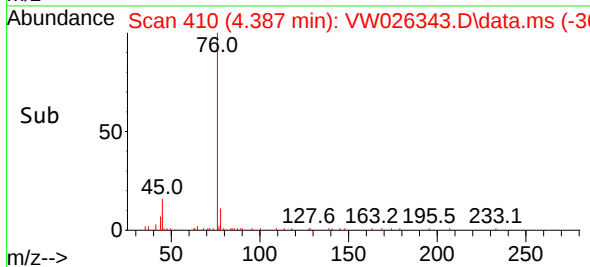
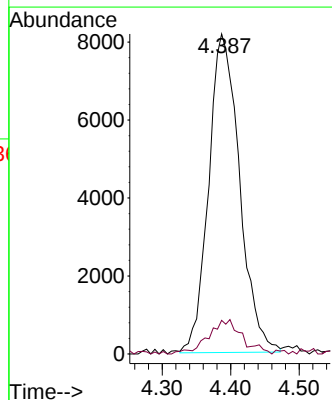
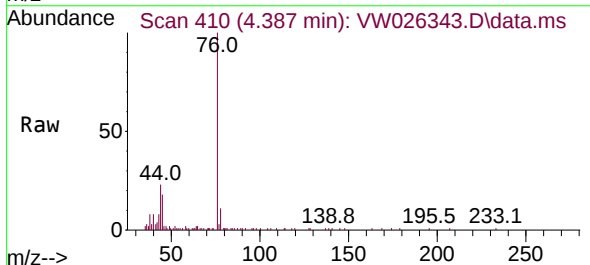
Instrument :
MSVOA_W
ClientSampleId :
A4634

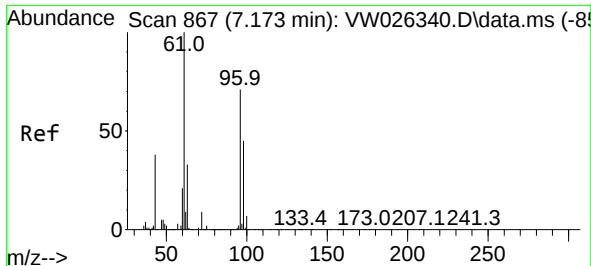
Tgt Ion: 43 Resp: 336359
Ion Ratio Lower Upper
43 100
58 28.5 0.0 55.8



#14
Carbon disulfide
Concen: 0.817 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

Tgt Ion: 76 Resp: 25620
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

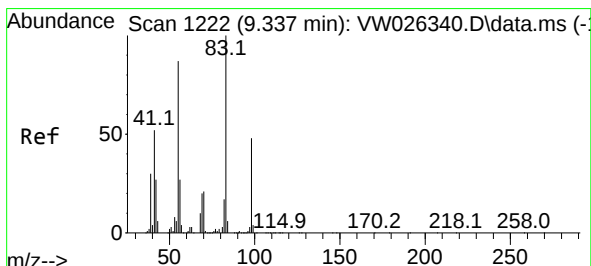
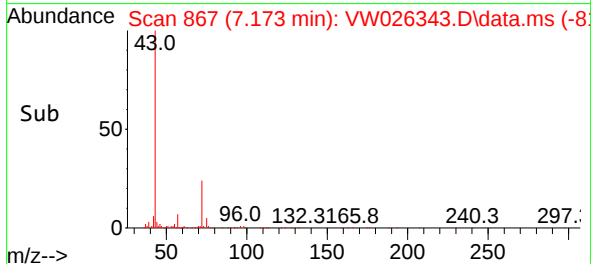
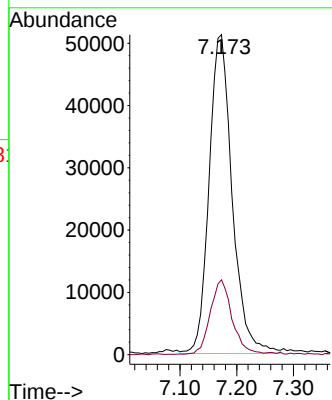
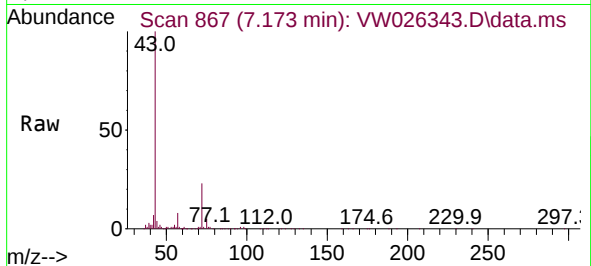




#22
2-Butanone
Concen: 37.736 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

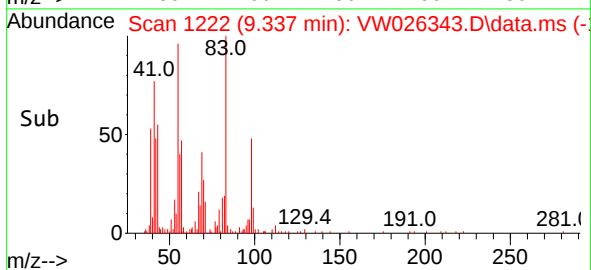
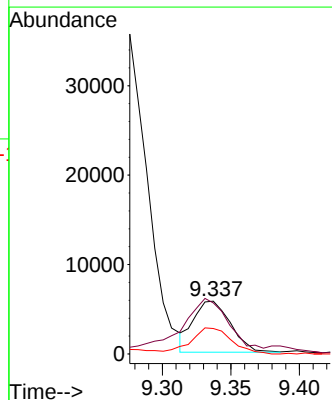
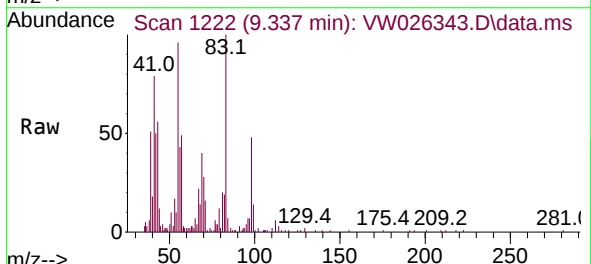
Instrument :
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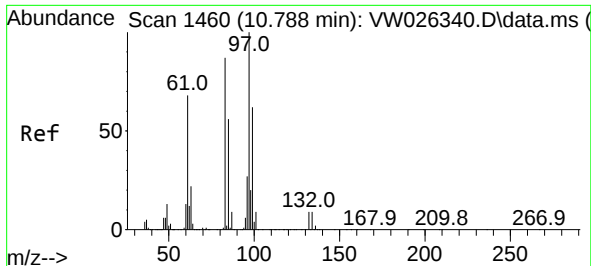
Tgt Ion: 43 Resp: 144787
Ion Ratio Lower Upper
43 100
72 21.8 11.8 35.3



#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

Tgt Ion: 83 Resp: 10818
Ion Ratio Lower Upper
83 100
55 135.0 68.8 103.2#
98 55.2 37.8 56.6

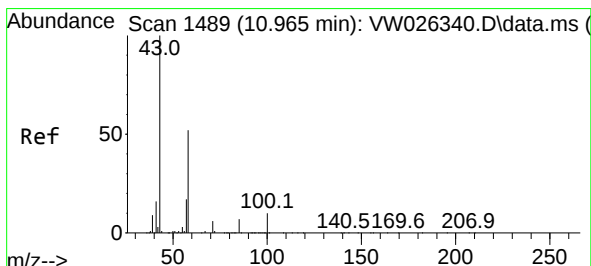
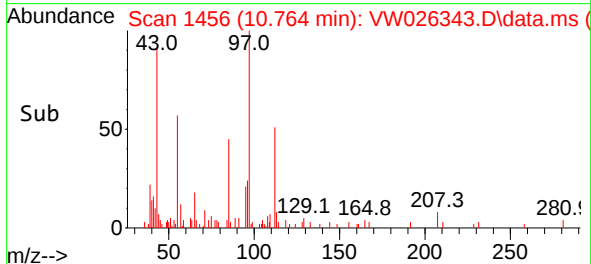
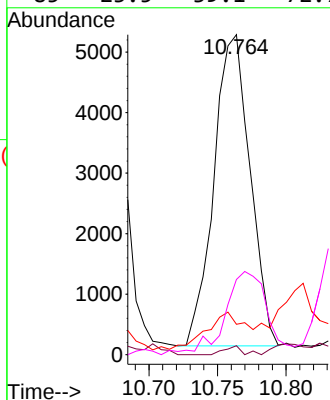
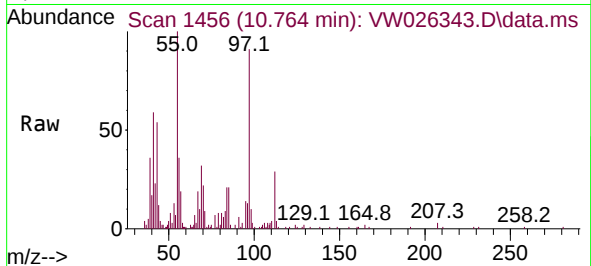




#45
1,1,2-Trichloroethane
Concen: 1.603 ug/L
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

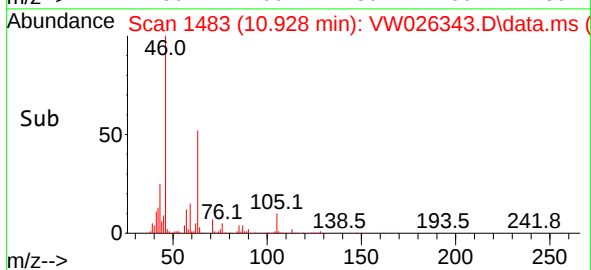
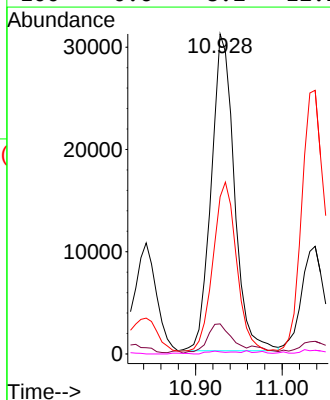
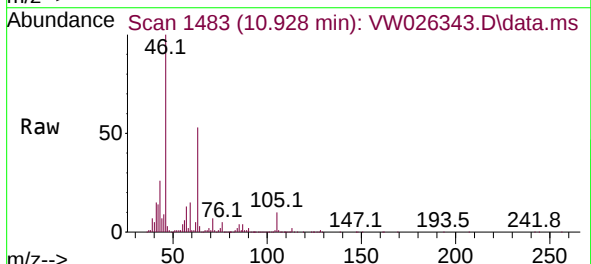
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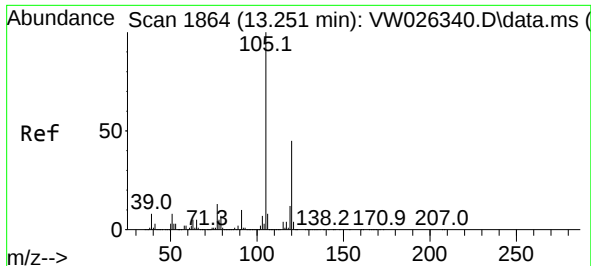
Tgt Ion: 97	Resp: 9439
Ion Ratio	Lower Upper
97 100	
99 2.8	42.4 78.6#
83 9.5	60.8 113.0#
85 23.5	39.1 72.7#



#48
2-Hexanone
Concen: 14.302 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VW026343.D
Acq: 27 Jun 2023 10:38

Tgt Ion: 43	Resp: 57273
Ion Ratio	Lower Upper
43 100	
58 9.8	40.1 60.1#
57 54.2	13.4 20.0#
100 0.6	8.2 12.2#

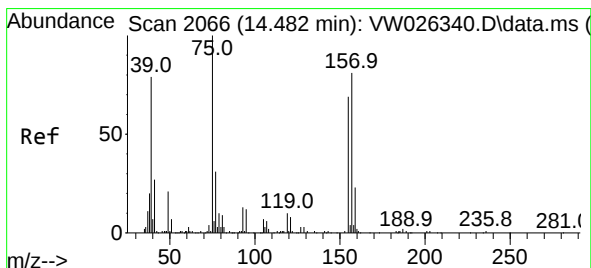
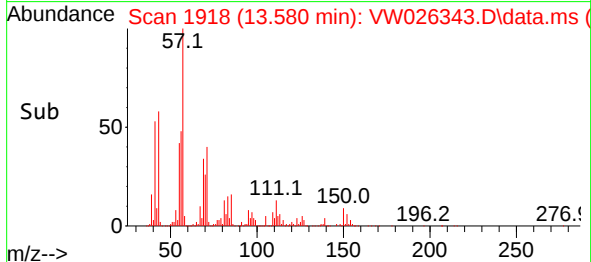
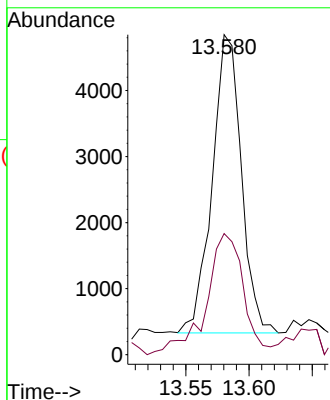
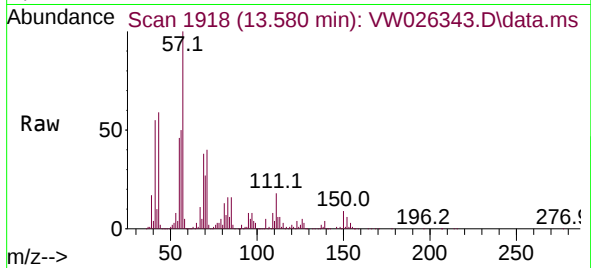




#63
 1,2,4-Trimethylbenzene
 Concen: 0.557 ug/L
 RT: 13.580 min Scan# 1918
 Delta R.T. 0.329 min
 Lab File: VW026343.D
 Acq: 27 Jun 2023 10:38

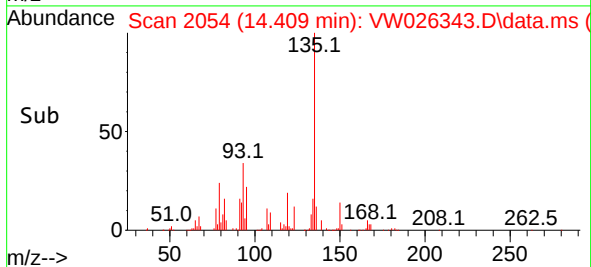
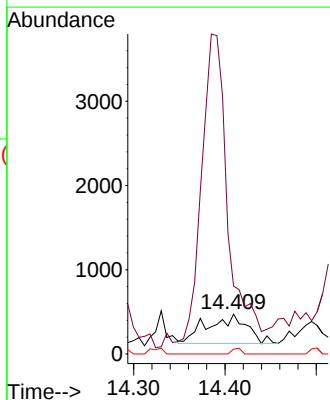
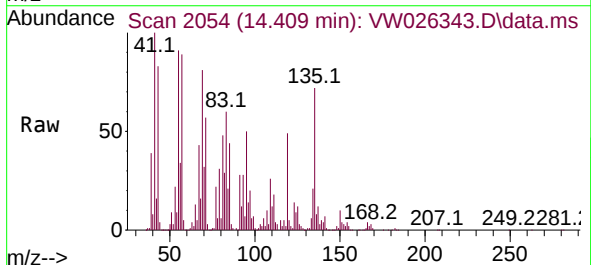
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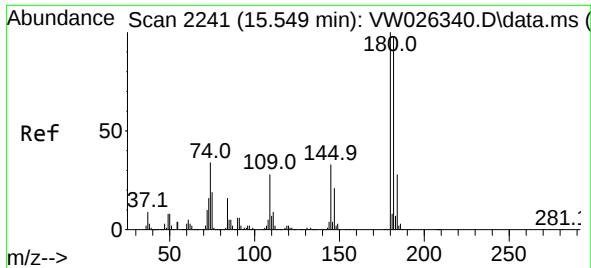
Tgt Ion:105 Resp: 7232
 Ion Ratio Lower Upper
 105 100
 120 41.3 35.0 52.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.592 ug/L
 RT: 14.409 min Scan# 2054
 Delta R.T. -0.073 min
 Lab File: VW026343.D
 Acq: 27 Jun 2023 10:38

Tgt Ion: 75 Resp: 1031
 Ion Ratio Lower Upper
 75 100
 155 169.8 57.5 86.3#
 157 12.0 73.4 110.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.035 ug/L
 RT: 15.568 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VW026343.D
 Acq: 27 Jun 2023 10:38

Instrument :
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Tgt Ion:180 Resp: 3779
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.0 112.6#
 145 433.8 28.5 42.7#

