

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026950.D
 Acq On : 29 Aug 2023 14:59
 Operator : SY/MD
 Sample : 04175-21
 Misc : 4.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYD4

Quant Time: Aug 29 20:49:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

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

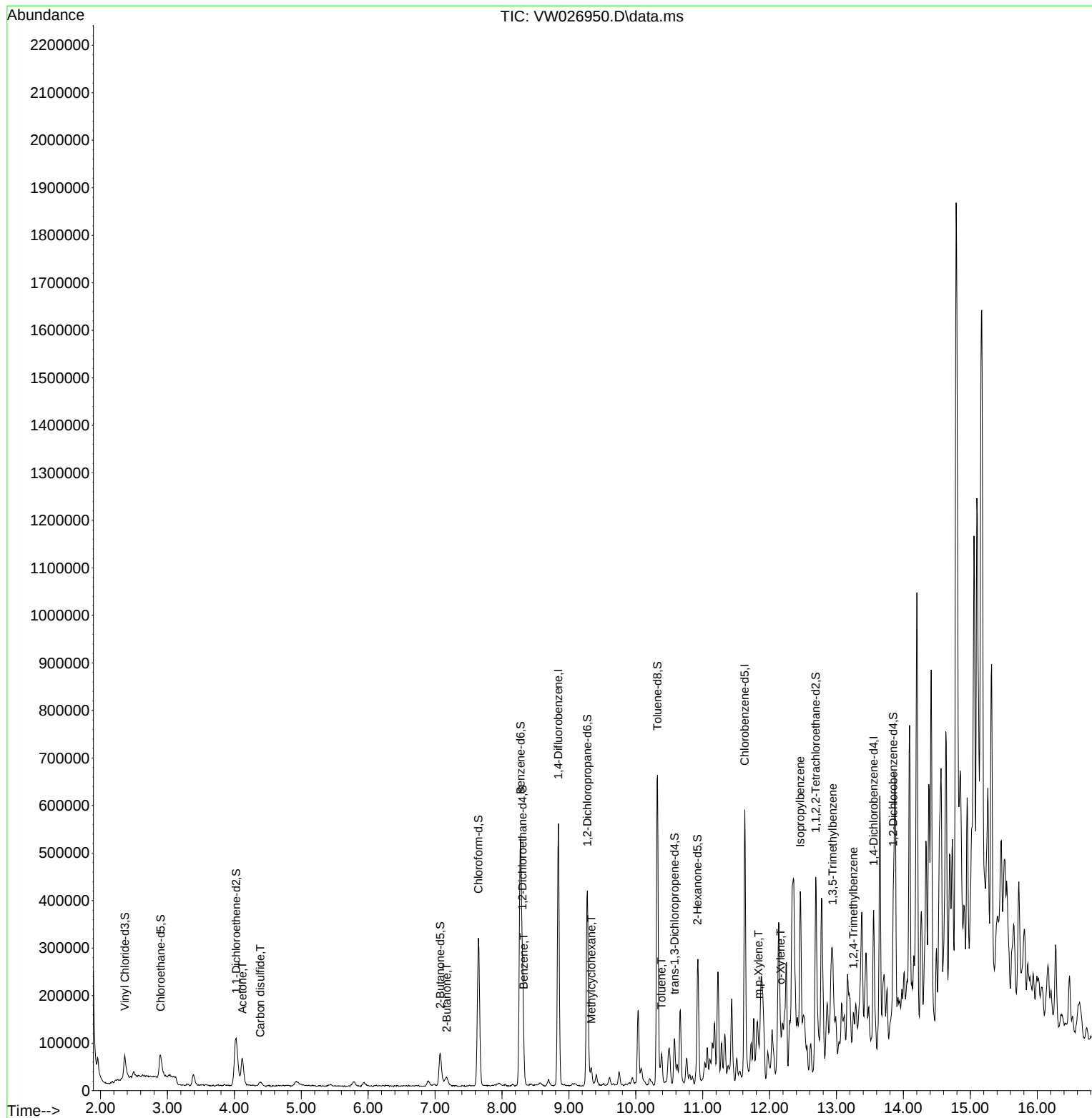
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	401003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268586	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	70877	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	70231	10.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.600%
7) Chloroethane-d5	2.899	69	78665	16.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.200%
11) 1,1-Dichloroethene-d2	4.027	65	44816	13.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.280%
21) 2-Butanone-d5	7.075	46	123501	65.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.360%
24) Chloroform-d	7.648	84	301058	22.369	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.480%
26) 1,2-Dichloroethane-d4	8.306	65	190000	25.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.320%
32) Benzene-d6	8.276	84	495240	26.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	9.276	67	175571	30.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.800%#
41) Toluene-d8	10.324	98	361836	22.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.080%
43) trans-1,3-Dichloroprop...	10.580	79	49810	20.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.680%
47) 2-Hexanone-d5	10.922	63	56038	92.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129396	28.417	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	63283	24.945	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	98148	52.099	ug/L	96
14) Carbon disulfide	4.386	76	15305	0.718	ug/L #	94
22) 2-Butanone	7.173	43	28530	10.276	ug/L	99
33) Benzene	8.325	78	13421	0.686	ug/L	100
35) Methylcyclohexane	9.337	83	11476	1.347	ug/L #	86
42) Toluene	10.385	91	42757	2.161	ug/L	97
53) m,p-Xylene	11.836	106	10780	1.311	ug/L	92
54) o-Xylene	12.166	106	6131	0.799	ug/L	74
60) Isopropylbenzene	12.458	105	182946	17.361	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	6766	0.812	ug/L	94
63) 1,2,4-Trimethylbenzene	13.251	105	29229	3.581	ug/L	96

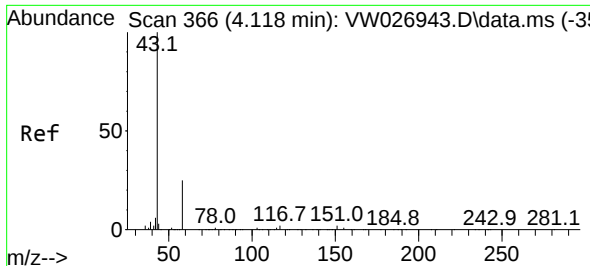
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

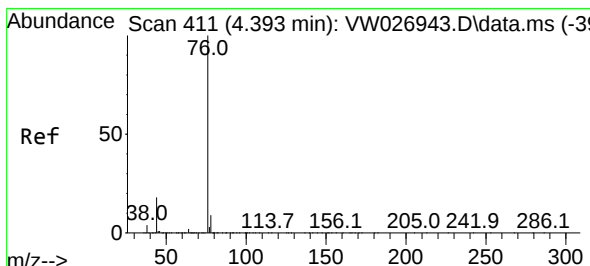
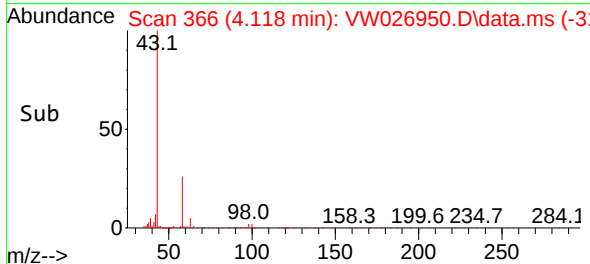
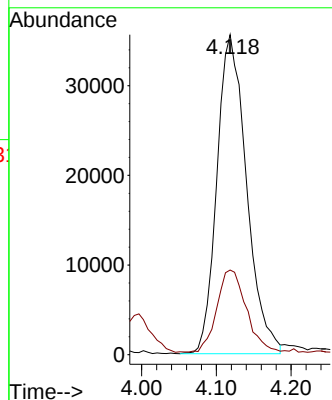
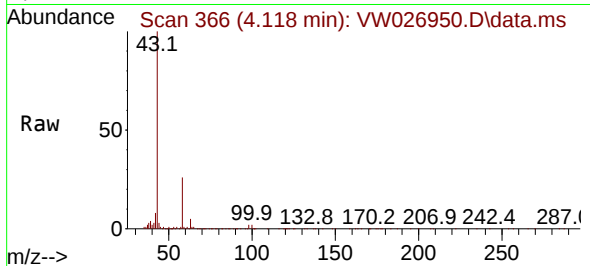




#13
Acetone
Concen: 52.099 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

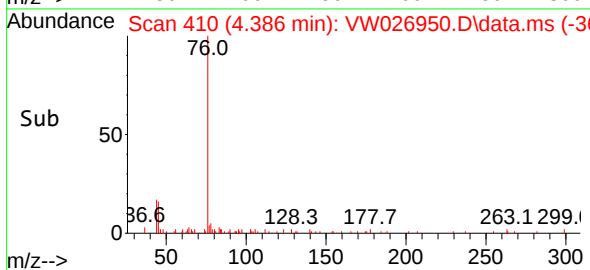
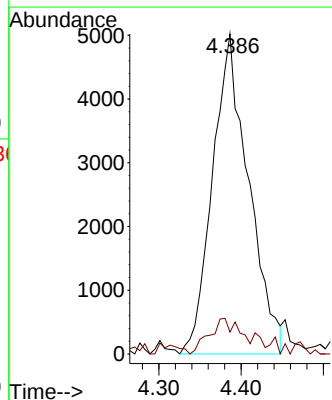
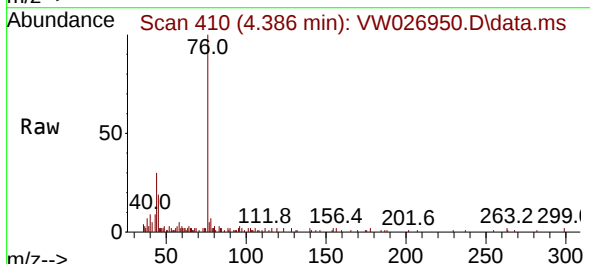
Instrument :
MSVOA_W
ClientSampleId :
EZYD4

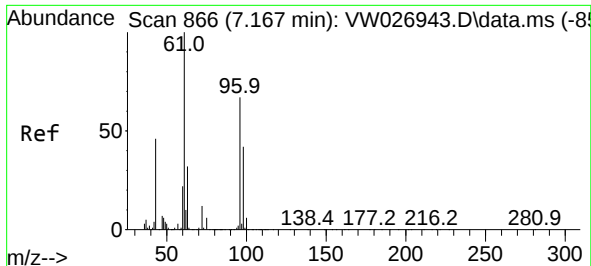
Tgt Ion: 43 Resp: 98148
Ion Ratio Lower Upper
43 100
58 26.7 0.0 57.4



#14
Carbon disulfide
Concen: 0.718 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

Tgt Ion: 76 Resp: 15305
Ion Ratio Lower Upper
76 100
78 6.9 7.1 10.7#

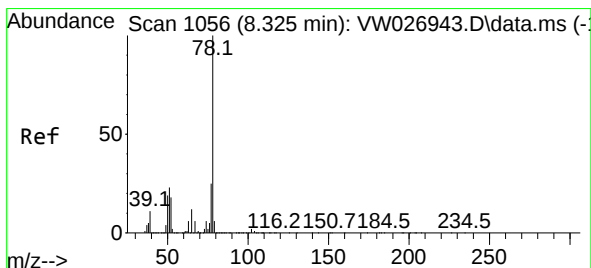
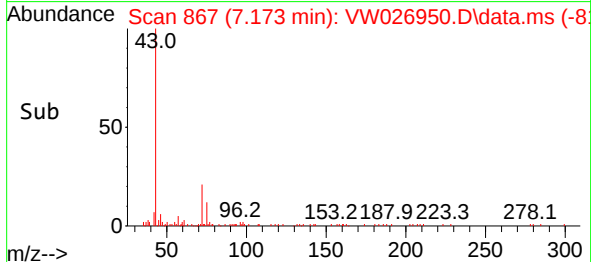
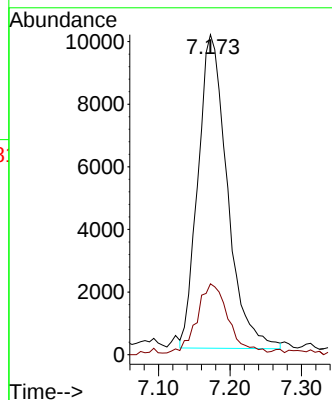
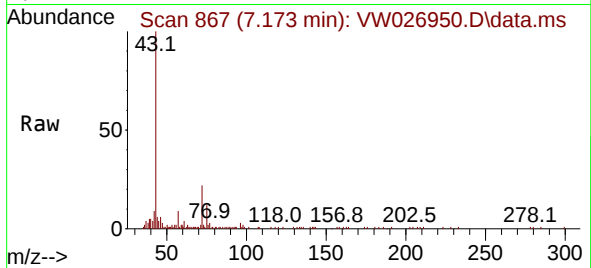




#22
2-Butanone
Concen: 10.276 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

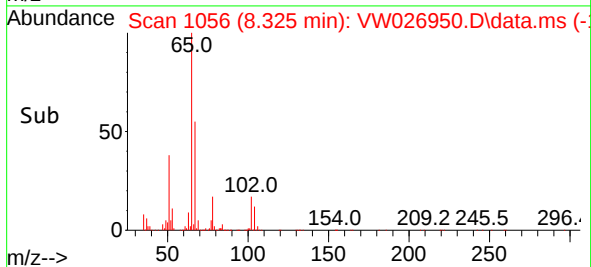
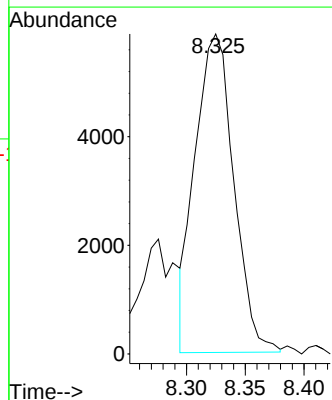
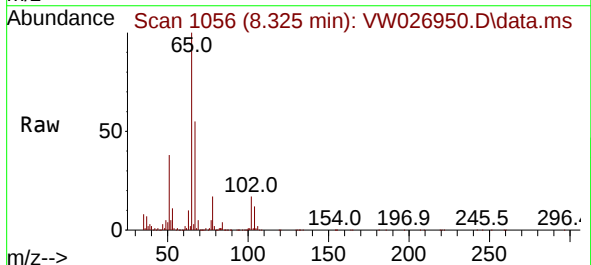
Instrument :
MSVOA_W
ClientSampleId :
EZYD4

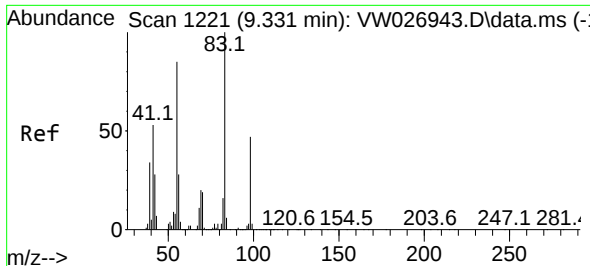
Tgt Ion: 43 Resp: 28530
Ion Ratio Lower Upper
43 100
72 23.1 11.8 35.4



#33
Benzene
Concen: 0.686 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

Tgt Ion: 78 Resp: 13421

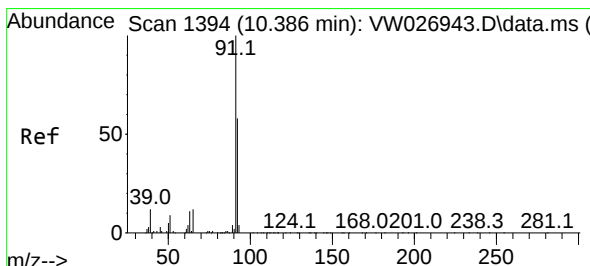
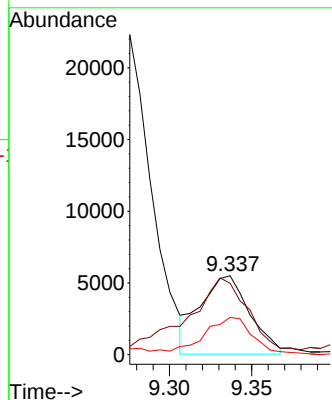
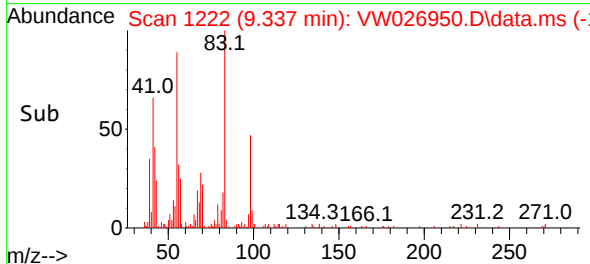
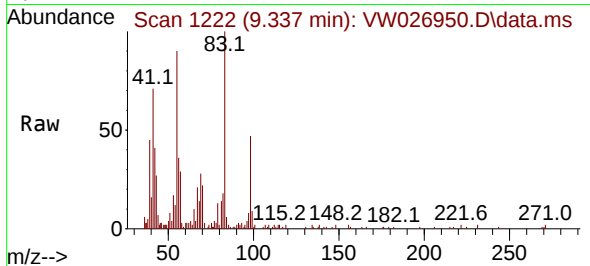




#35
Methylcyclohexane
Concen: 1.347 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

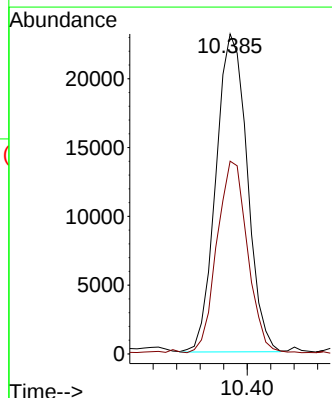
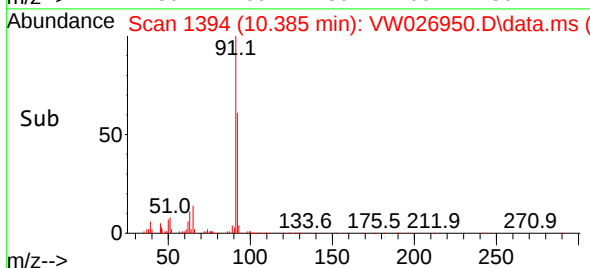
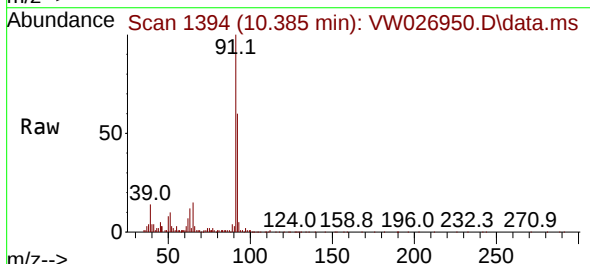
Instrument :
MSVOA_W
ClientSampleId :
EZYD4

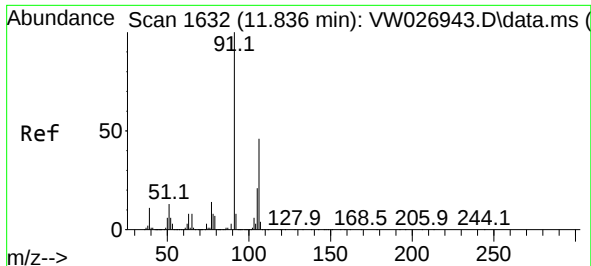
Tgt Ion: 83 Resp: 11476
Ion Ratio Lower Upper
83 100
55 106.0 69.3 103.9#
98 46.5 37.4 56.0



#42
Toluene
Concen: 2.161 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

Tgt Ion: 91 Resp: 42757
Ion Ratio Lower Upper
91 100
92 60.2 40.8 75.8

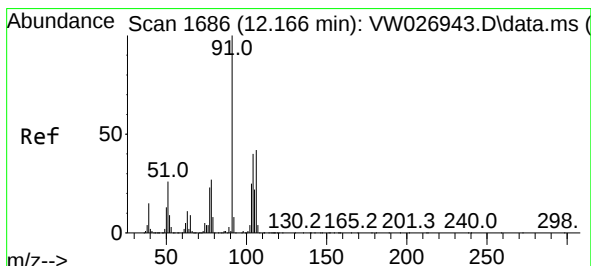
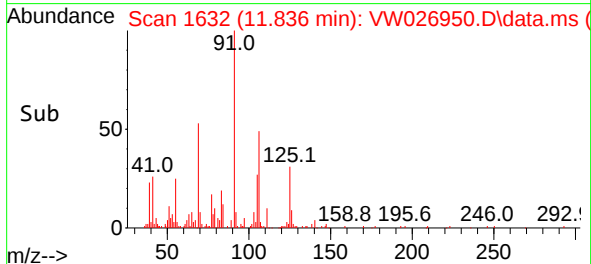
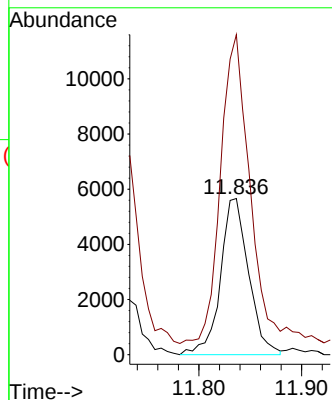
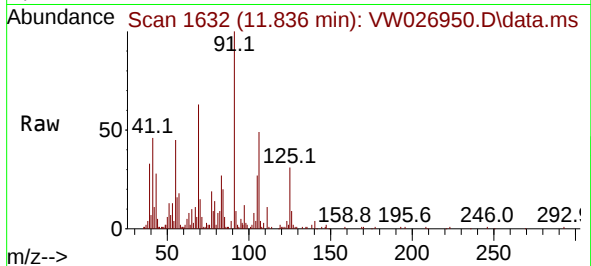




#53
m,p-Xylene
Concen: 1.311 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

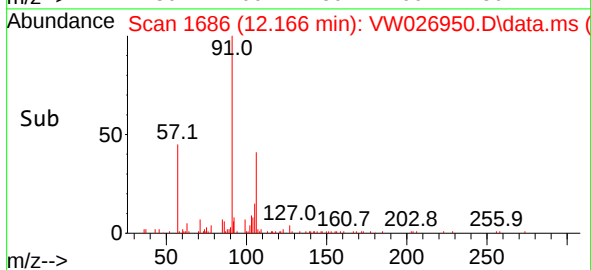
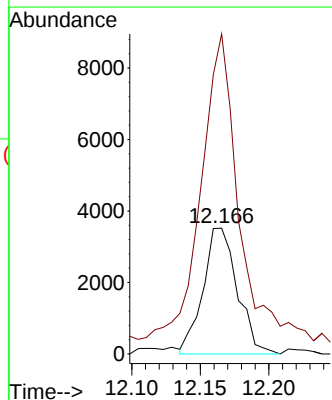
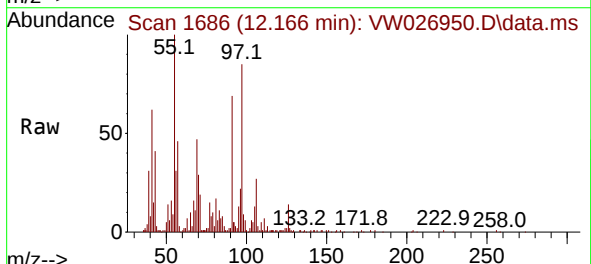
Instrument :
MSVOA_W
ClientSampleId :
EZYD4

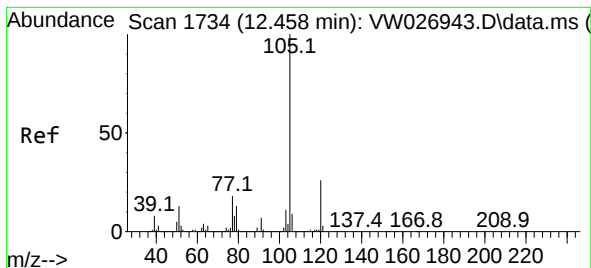
Tgt Ion:106 Resp: 10780
Ion Ratio Lower Upper
106 100
91 204.9 152.9 284.1



#54
o-Xylene
Concen: 0.799 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026950.D
Acq: 29 Aug 2023 14:59

Tgt Ion:106 Resp: 6131
Ion Ratio Lower Upper
106 100
91 254.6 149.9 278.3





#60

Isopropylbenzene

Concen: 17.361 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026950.D

Acq: 29 Aug 2023 14:59

Instrument :

MSVOA_W

ClientSampleId :

EZYD4

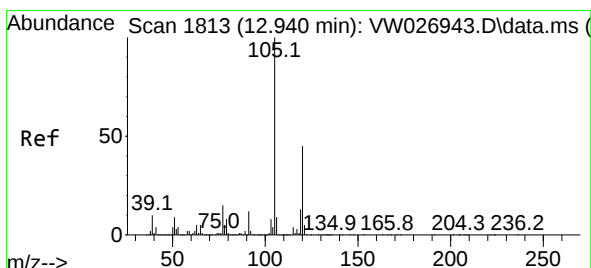
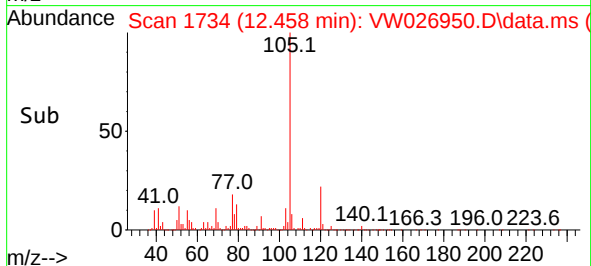
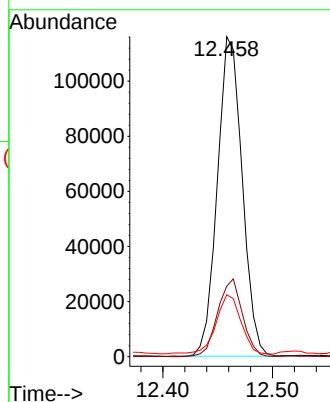
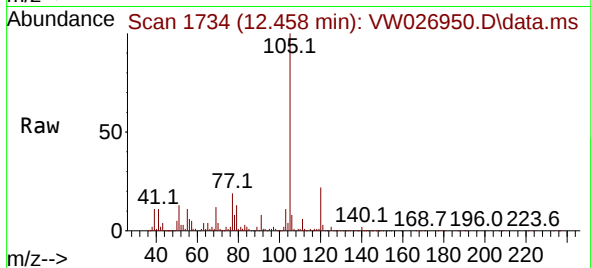
Tgt Ion:105 Resp: 182946

Ion Ratio Lower Upper

105 100

120 24.3 21.0 31.6

77 19.5 13.4 20.2



#62

1,3,5-Trimethylbenzene

Concen: 0.812 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026950.D

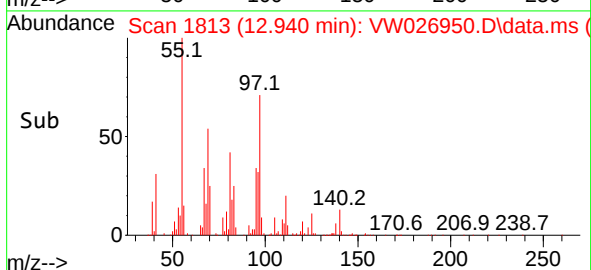
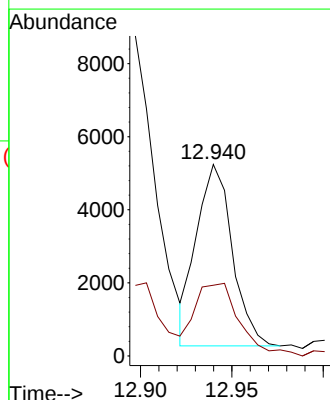
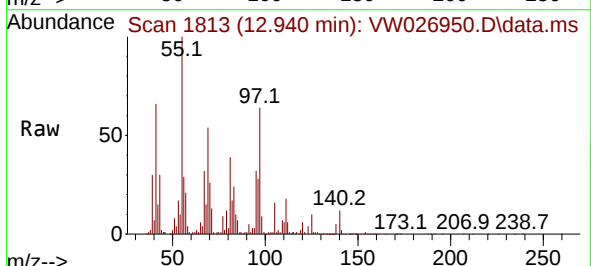
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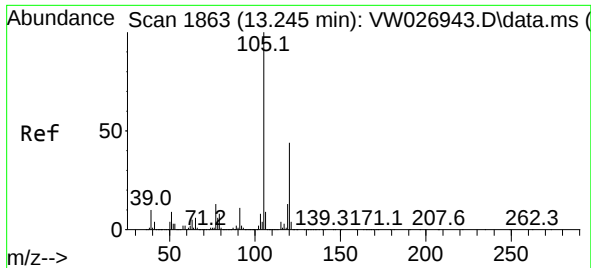
Tgt Ion:105 Resp: 6766

Ion Ratio Lower Upper

105 100

120 42.7 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 3.581 ug/L
 RT: 13.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW026950.D
 Acq: 29 Aug 2023 14:59

Instrument :
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Tgt Ion:105 Resp: 29229
 Ion Ratio Lower Upper
 105 100
 120 42.5 36.2 54.4

