

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026924.D
 Acq On : 26 Aug 2023 03:52
 Operator : SY/MD
 Sample : 04175-03
 Misc : 5.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

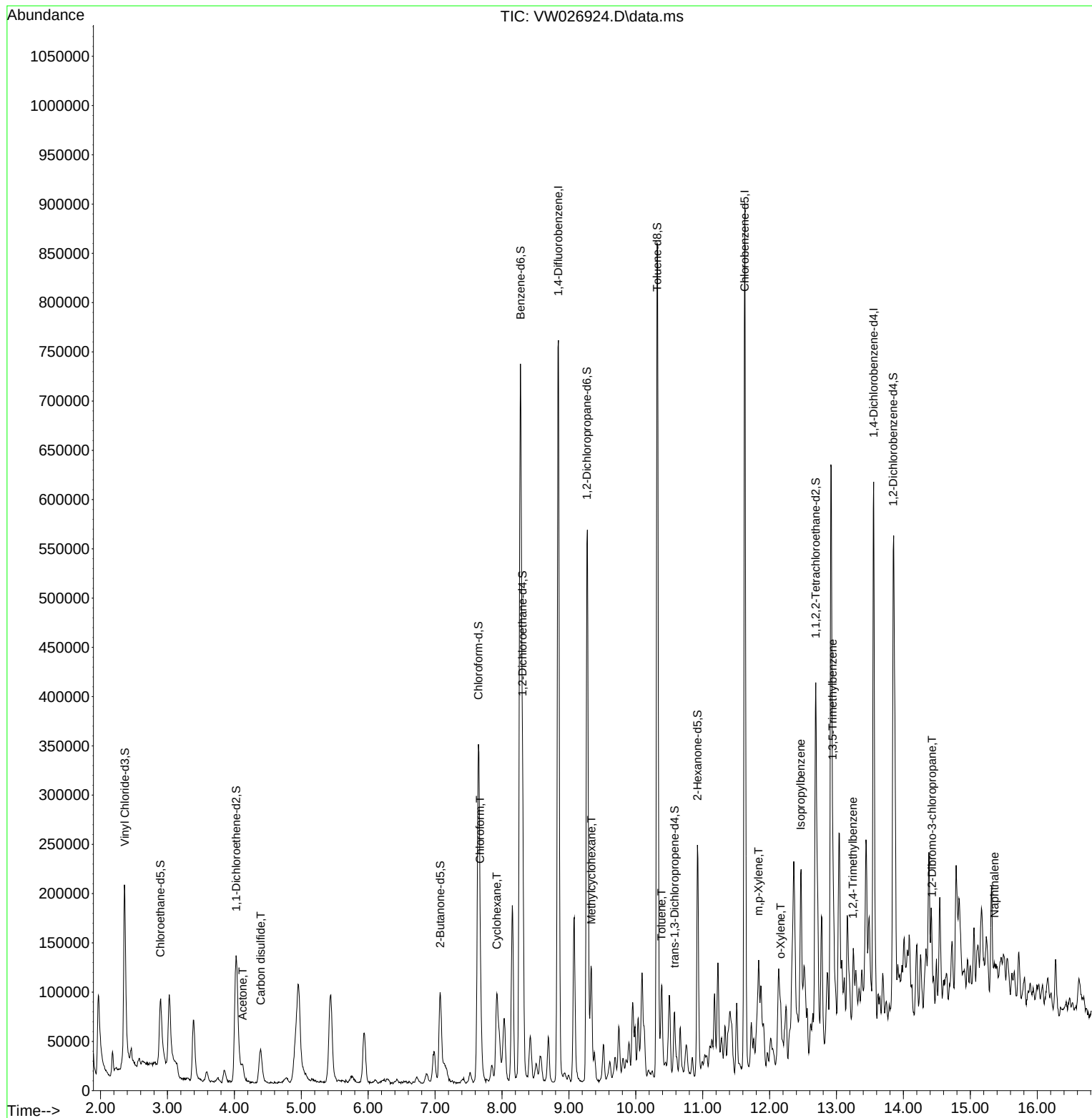
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	583239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	422824	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129877	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110635	11.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.160%
7) Chloroethane-d5	2.893	69	108656	15.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.960%
11) 1,1-Dichloroethene-d2	4.027	65	58316	12.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.480%
21) 2-Butanone-d5	7.075	46	164501	59.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.380%
24) Chloroform-d	7.648	84	331161	16.917	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.680%
26) 1,2-Dichloroethane-d4	8.307	65	227908	21.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.276	84	710471	24.381	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	9.270	67	262601	28.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.720%
41) Toluene-d8	10.319	98	521658	20.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	10.581	79	32020	8.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.160%
47) 2-Hexanone-d5	10.922	63	72084	75.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139237	19.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	110104	23.685	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						Qvalue
13) Acetone	4.125	43	24128	8.806	ug/L	94
14) Carbon disulfide	4.393	76	82342	2.655	ug/L	98
25) Chloroform	7.673	83	67703	3.540	ug/L	100
29) Cyclohexane	7.923	56	13315	1.018	ug/L #	1
35) Methylcyclohexane	9.337	83	38627	2.879	ug/L #	81
42) Toluene	10.386	91	65297	2.096	ug/L	100
53) m,p-Xylene	11.837	106	19241	1.487	ug/L	76
54) o-Xylene	12.166	106	11700	0.969	ug/L	94
60) Isopropylbenzene	12.465	105	17530	0.908	ug/L #	12
62) 1,3,5-Trimethylbenzene	12.940	105	20184	1.322	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	34074	2.278	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.428	75	1187	1.563	ug/L #	46
71) Naphthalene	15.360	128	30640	3.339	ug/L	100

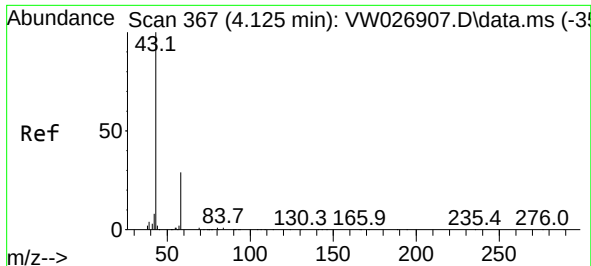
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

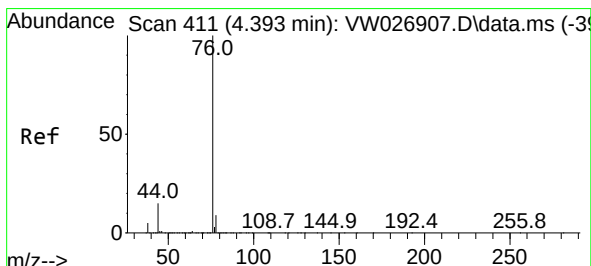
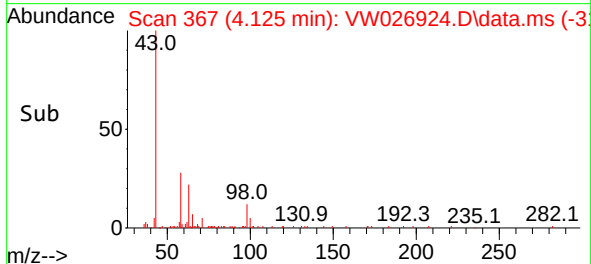
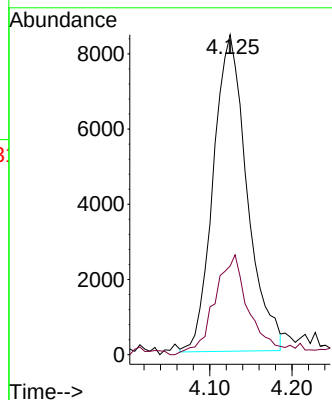
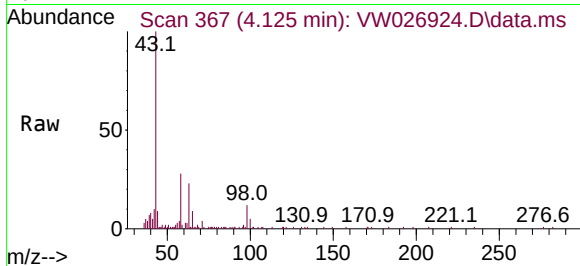




#13
Acetone
Concen: 8.806 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

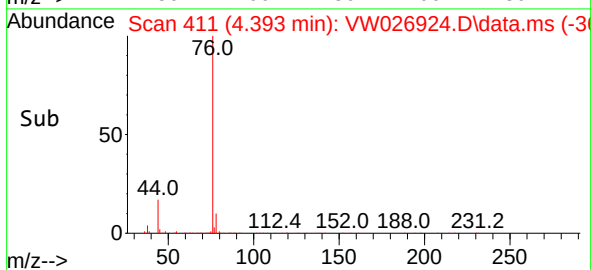
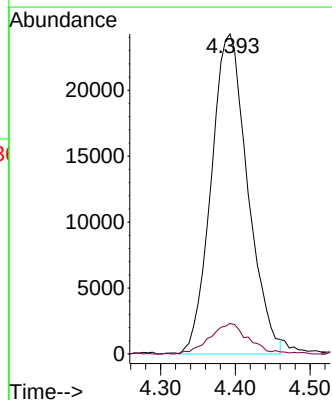
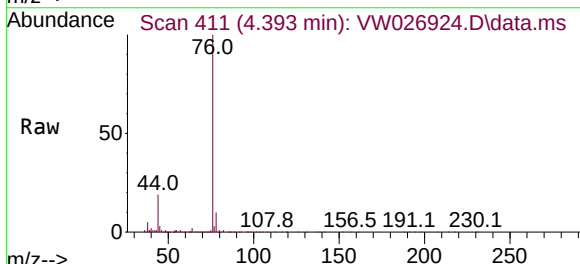
Instrument :
MSVOA_W
ClientSampleId :

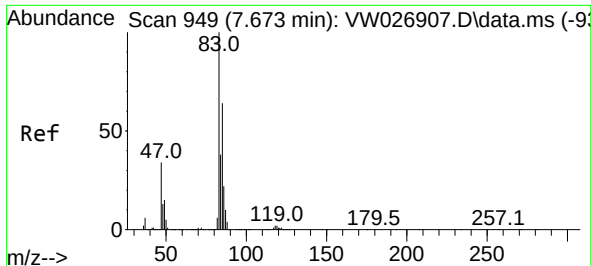
Tgt Ion: 43 Resp: 24128
Ion Ratio Lower Upper
43 100
58 31.8 0.0 57.4



#14
Carbon disulfide
Concen: 2.655 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

Tgt Ion: 76 Resp: 82342
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

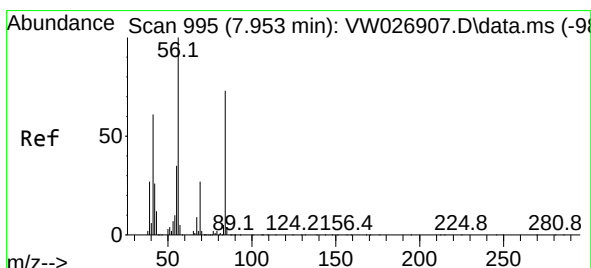
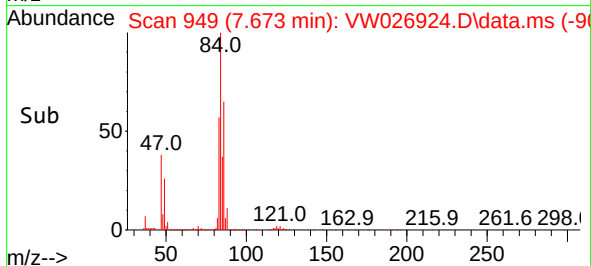
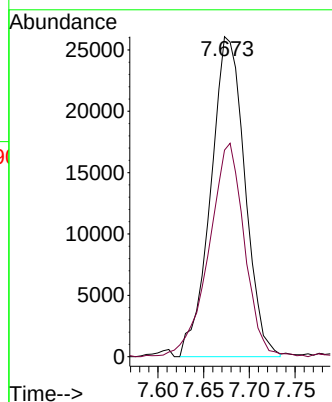
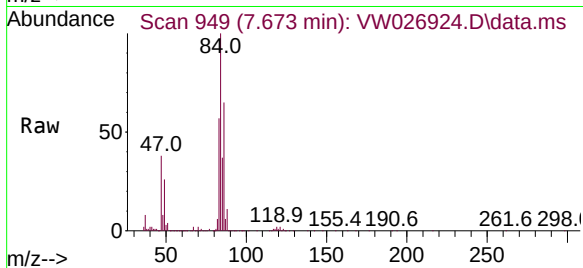




#25
Chloroform
Concen: 3.540 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

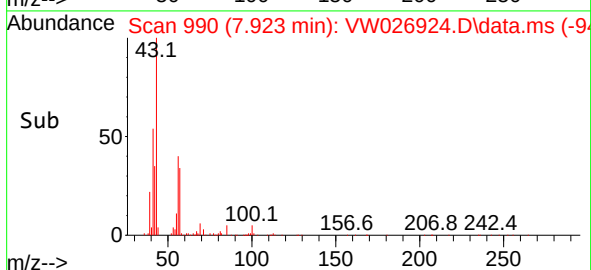
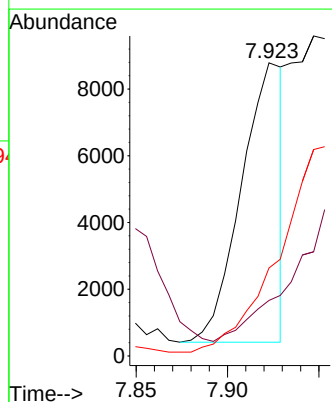
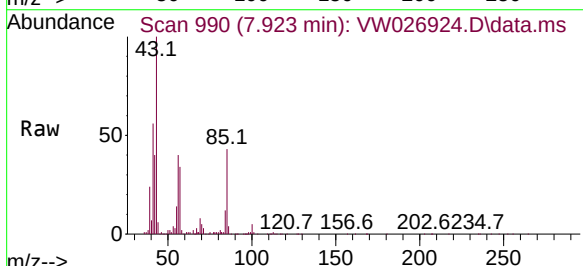
Instrument :
MSVOA_W
ClientSampleId :

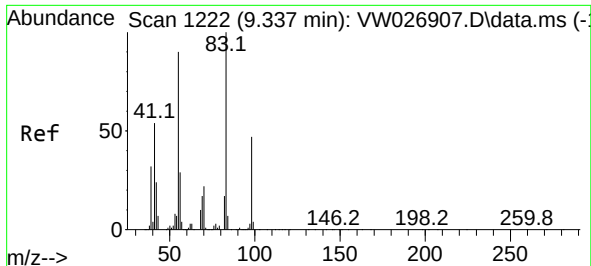
Tgt Ion: 83 Resp: 67703
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2



#29
Cyclohexane
Concen: 1.018 ug/L
RT: 7.923 min Scan# 990
Delta R.T. -0.030 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

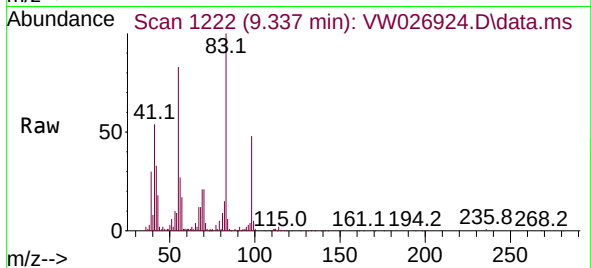
Tgt Ion: 56 Resp: 13315
Ion Ratio Lower Upper
56 100
69 102.9 23.2 34.8#
84 155.9 62.7 94.1#



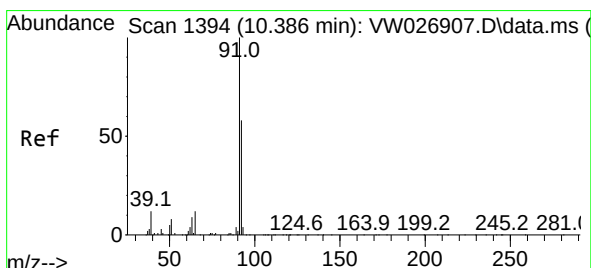
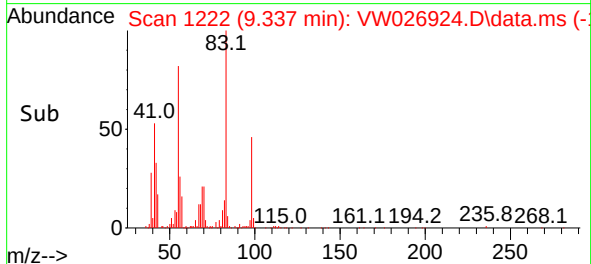
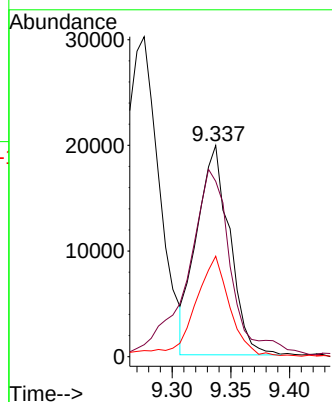


#35
Methylcyclohexane
Concen: 2.879 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

Instrument :
MSVOA_W
ClientSampleId :

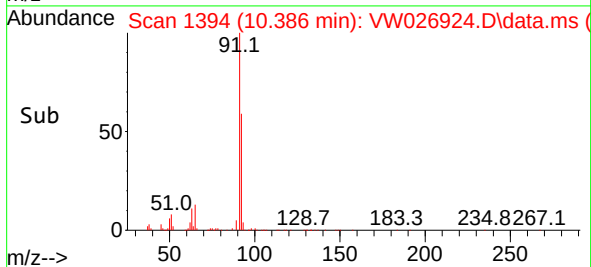
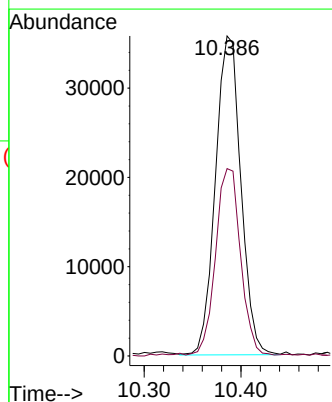
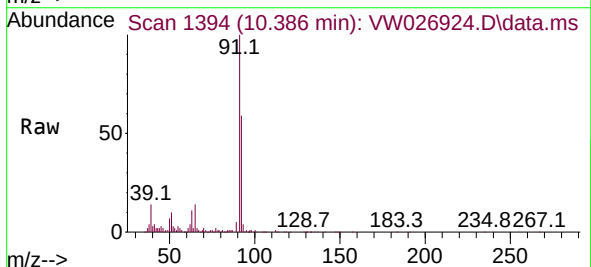


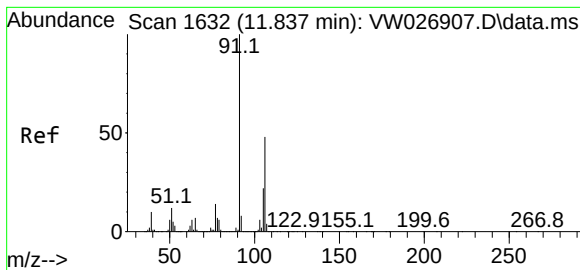
Tgt Ion: 83 Resp: 38627
Ion Ratio Lower Upper
83 100
55 111.4 69.3 103.9#
98 50.4 37.4 56.0



#42
Toluene
Concen: 2.096 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

Tgt Ion: 91 Resp: 65297
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8

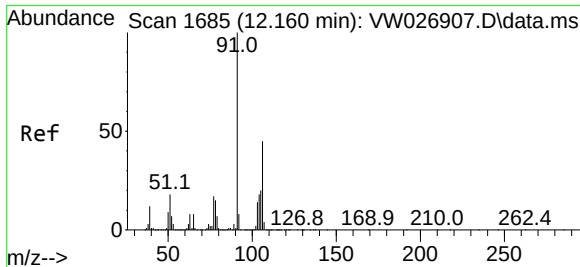
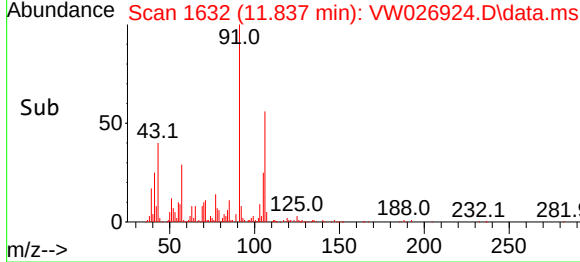
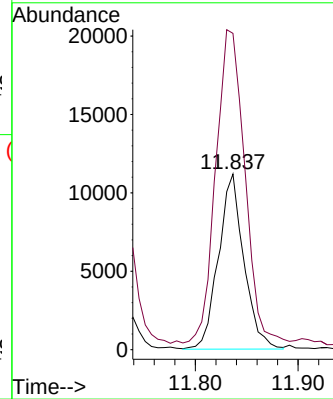
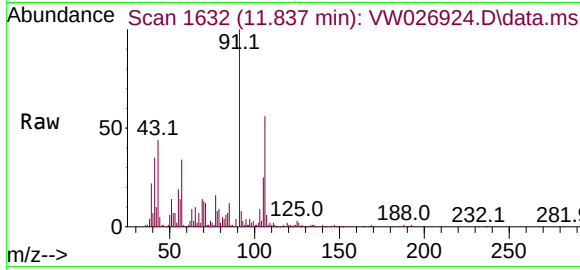




#53
m,p-Xylene
Concen: 1.487 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

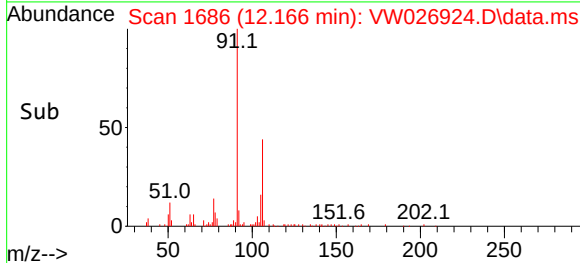
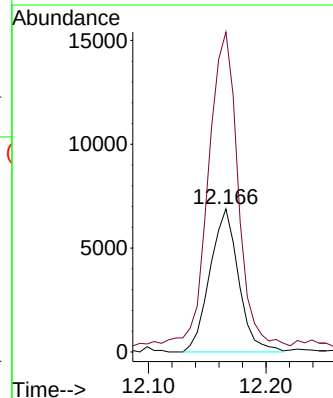
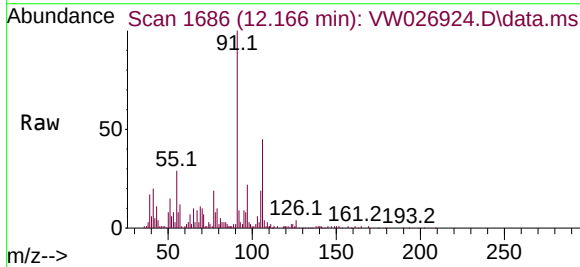
Instrument :
MSVOA_W
ClientSampleId :

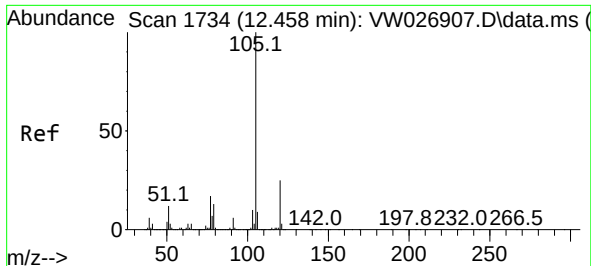
Tgt Ion:106 Resp: 19241
Ion Ratio Lower Upper
106 100
91 180.0 152.9 284.1



#54
o-Xylene
Concen: 0.969 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

Tgt Ion:106 Resp: 11700
Ion Ratio Lower Upper
106 100
91 223.8 149.9 278.3

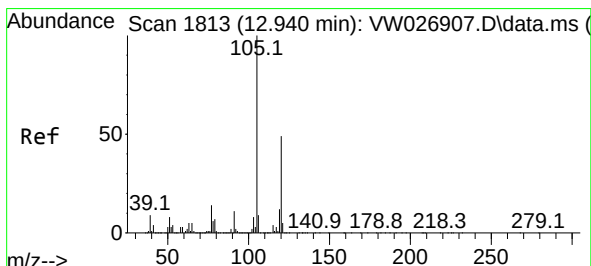
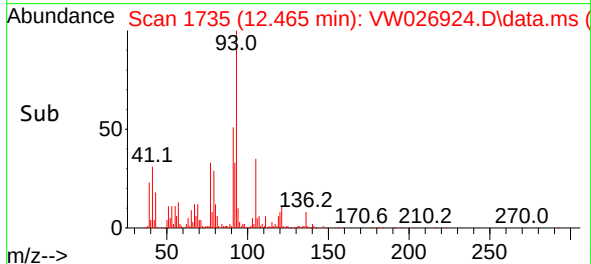
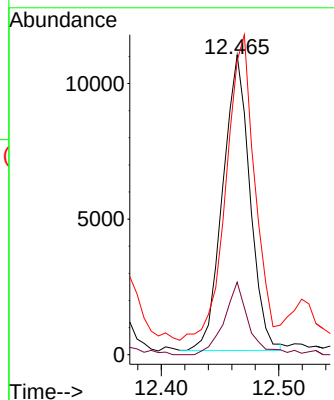
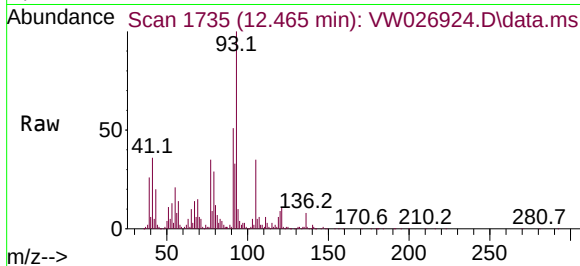




#60
Isopropylbenzene
Concen: 0.908 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

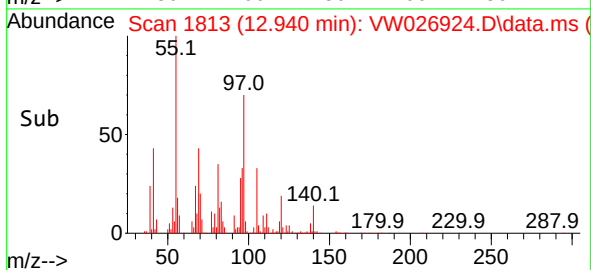
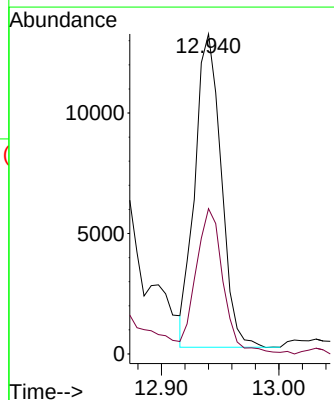
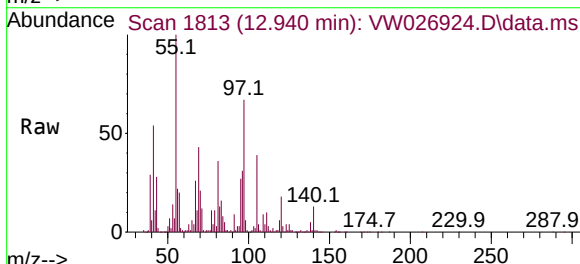
Instrument :
MSVOA_W
ClientSampleId :

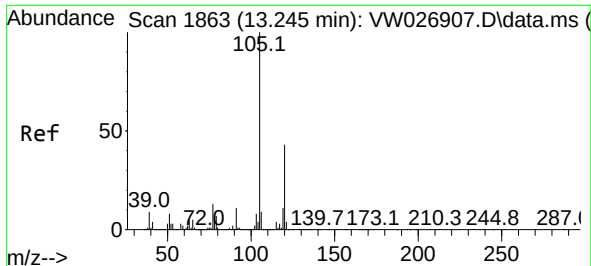
Tgt Ion:105 Resp: 17530
Ion Ratio Lower Upper
105 100
120 21.3 21.0 31.6
77 107.3 13.4 20.2#



#62
1,3,5-Trimethylbenzene
Concen: 1.322 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026924.D
Acq: 26 Aug 2023 03:52

Tgt Ion:105 Resp: 20184
Ion Ratio Lower Upper
105 100
120 42.9 37.4 56.2

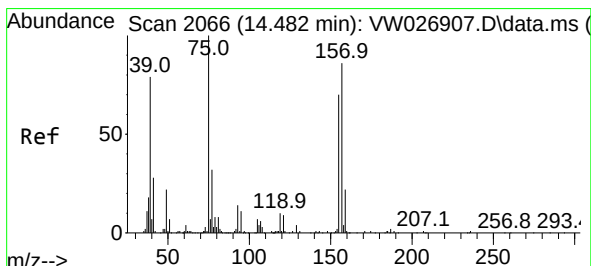
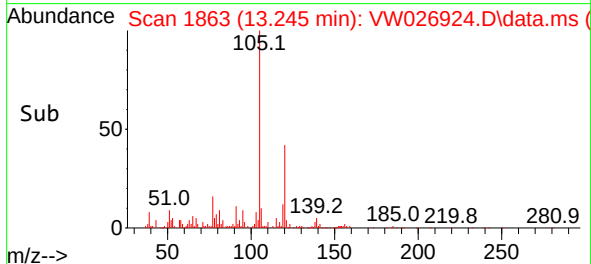
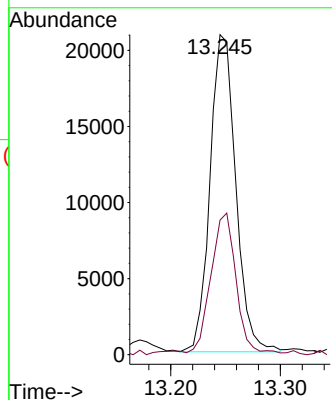
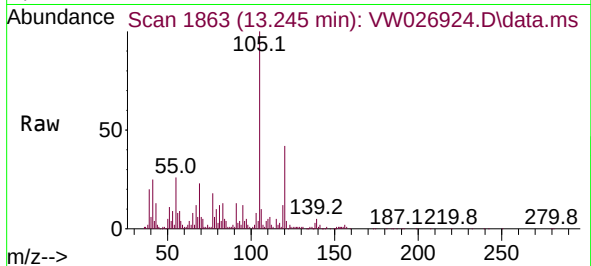




#63
 1,2,4-Trimethylbenzene
 Concen: 2.278 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026924.D
 Acq: 26 Aug 2023 03:52

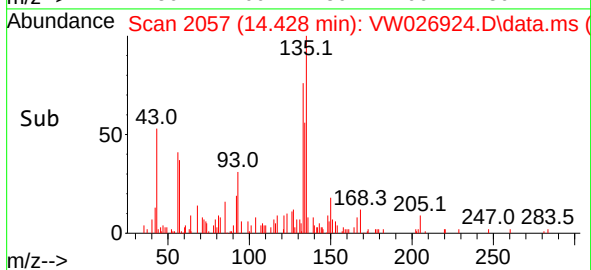
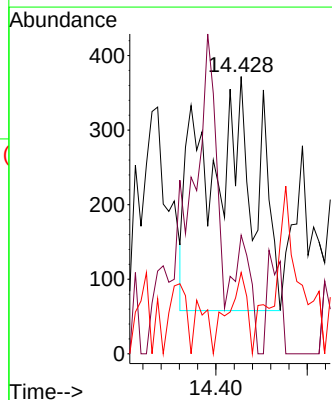
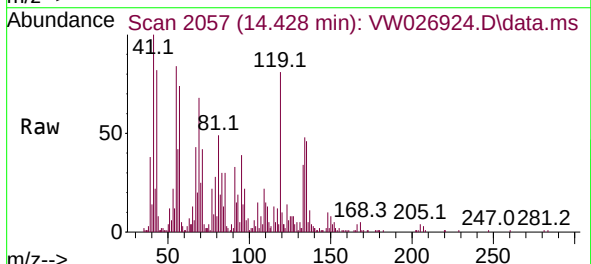
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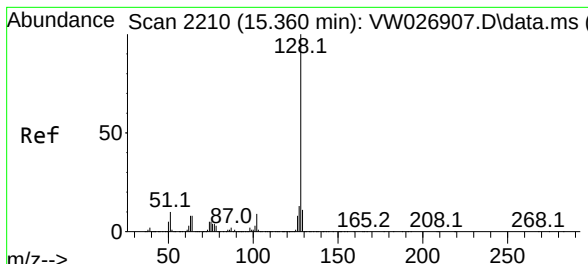
Tgt Ion:105 Resp: 34074
 Ion Ratio Lower Upper
 105 100
 120 42.4 36.2 54.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.563 ug/L
 RT: 14.428 min Scan# 2057
 Delta R.T. -0.055 min
 Lab File: VW026924.D
 Acq: 26 Aug 2023 03:52

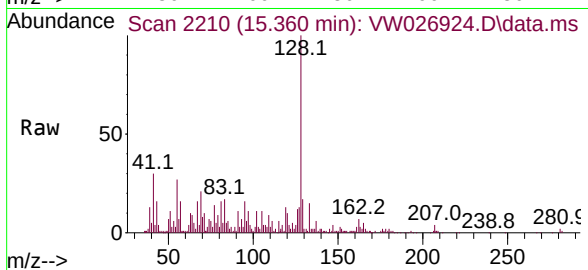
Tgt Ion: 75 Resp: 1187
 Ion Ratio Lower Upper
 75 100
 155 42.7 55.0 82.6#
 157 29.3 77.8 116.6#





#71
 Naphthalene
 Concen: 3.339 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026924.D
 Acq: 26 Aug 2023 03:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	30640
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.4	9.0	13.4

