

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027075.D
 Acq On : 12 Sep 2023 17:54
 Operator : SY/MD
 Sample : 04330-15
 Misc : 5.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 13 03:09:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

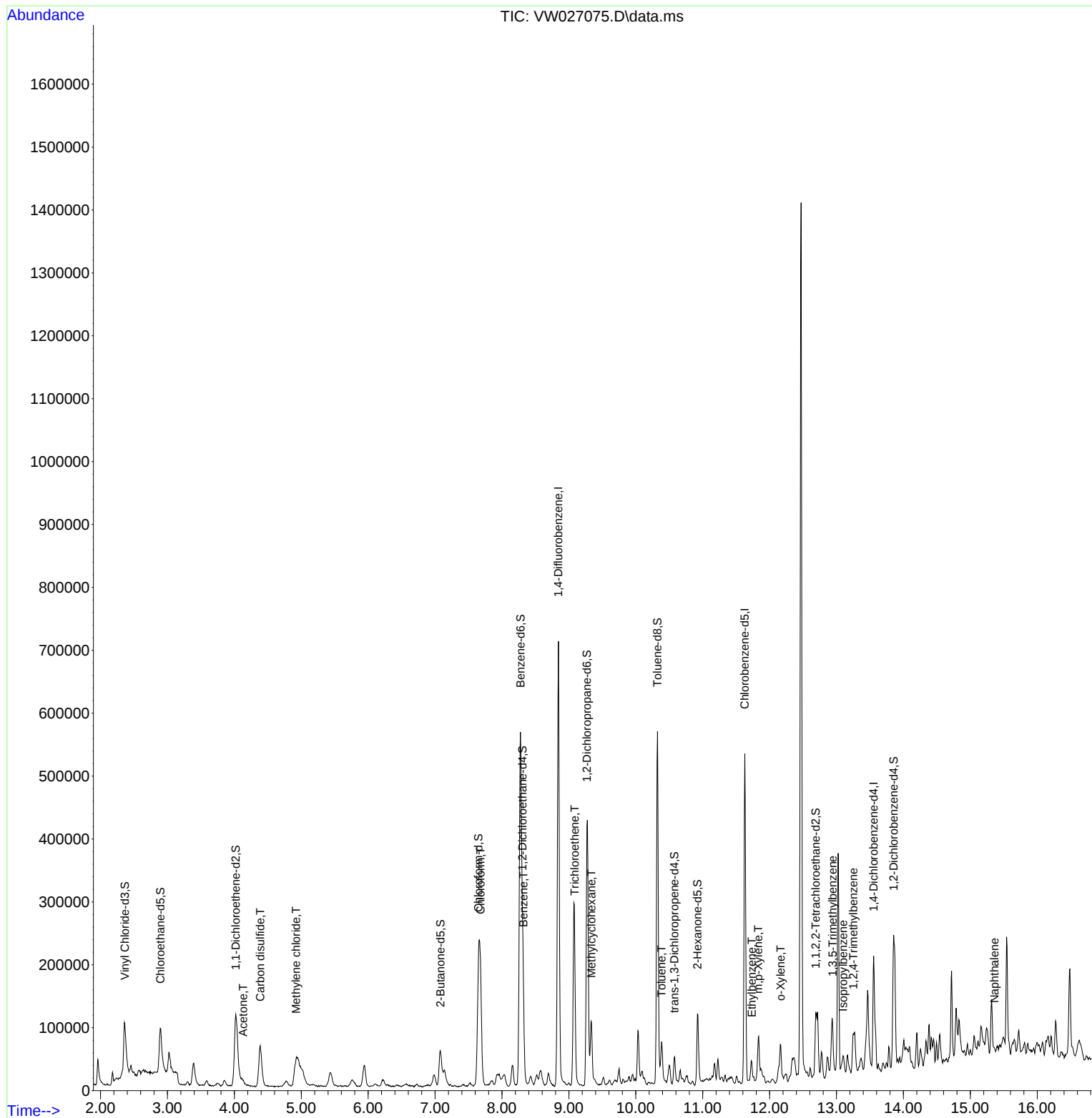
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	577497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	299437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	47132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	116649	11.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.240%
7) Chloroethane-d5	2.893	69	127195	15.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
11) 1,1-Dichloroethene-d2	4.021	65	45371	11.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.720%
21) 2-Butanone-d5	7.081	46	92519	46.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.080%
24) Chloroform-d	7.648	84	185329	10.785	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	43.120%
26) 1,2-Dichloroethane-d4	8.307	65	159966	17.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.840%
32) Benzene-d6	8.276	84	614003	31.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.040%
36) 1,2-Dichloropropane-d6	9.270	67	212117	36.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.160%#
41) Toluene-d8	10.324	98	367096	20.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	10.574	79	24530	10.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.840%
47) 2-Hexanone-d5	10.922	63	36565	67.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.860%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	41441	9.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	37.040%#
66) 1,2-Dichlorobenzene-d4	13.854	152	49851	30.581	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.320%#
Target Compounds						Qvalue
13) Acetone	4.130	43	12291	7.061	ug/L	94
14) Carbon disulfide	4.387	76	158685	6.064	ug/L	98
16) Methylene chloride	4.923	84	42321	3.783	ug/L	93
25) Chloroform	7.679	83	161695	9.793	ug/L	91
33) Benzene	8.319	78	41625	2.033	ug/L	100
34) Trichloroethene	9.087	95	3946	0.750	ug/L #	39
35) Methylcyclohexane	9.337	83	37061	4.146	ug/L #	85
42) Toluene	10.385	91	48327	2.293	ug/L	94
52) Ethylbenzene	11.733	91	15720	0.673	ug/L	90
53) m,p-Xylene	11.830	106	19779	2.238	ug/L	93
54) o-Xylene	12.166	106	15168	1.834	ug/L	95
60) Isopropylbenzene	13.098	105	18116	2.806	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	26474	5.138	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	31950	6.343	ug/L	97
71) Naphthalene	15.360	128	13645	4.642	ug/L	96

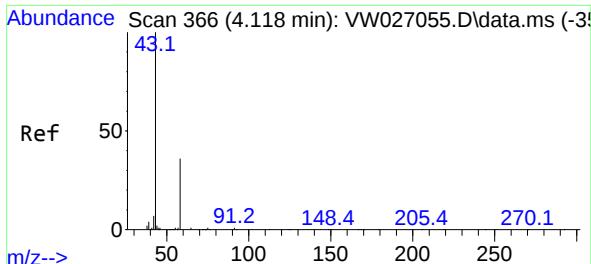
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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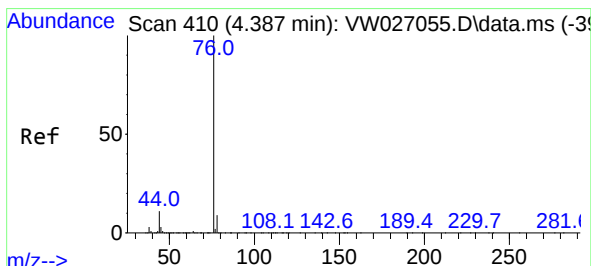
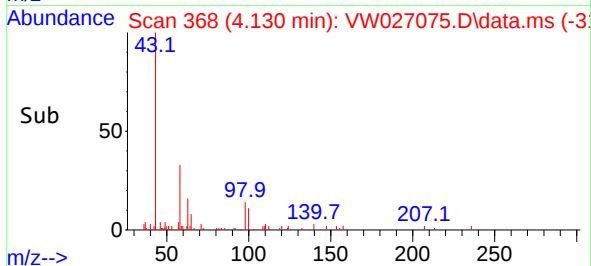
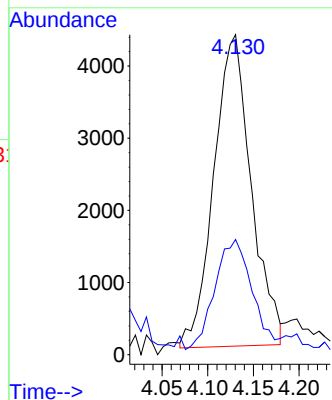
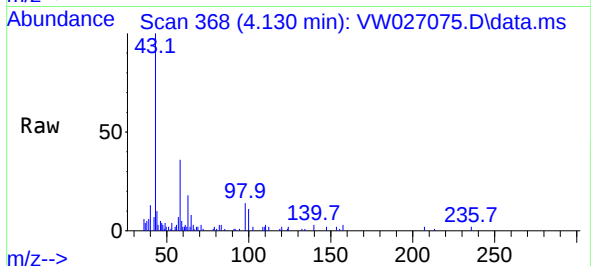




#13
Acetone
Concen: 7.061 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027075.D
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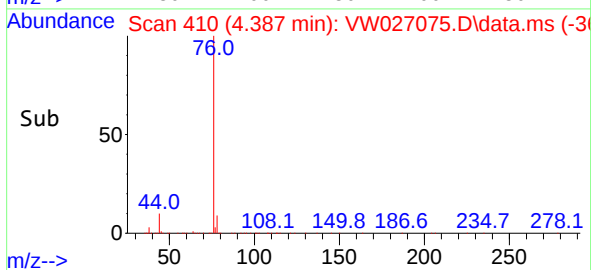
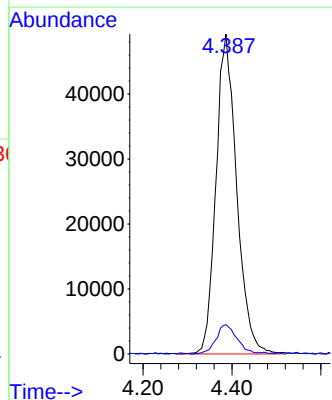
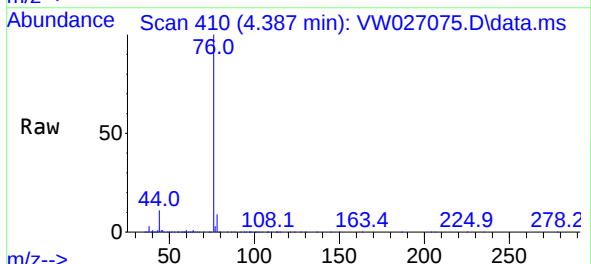
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MSVOA_W
ClientSampleId :

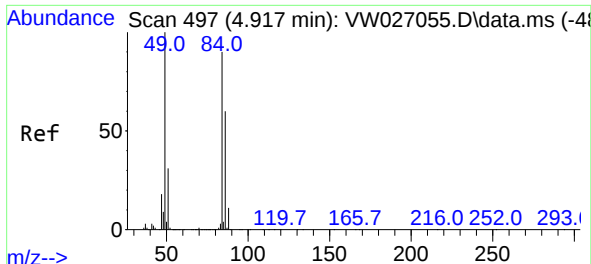
Tgt Ion: 43 Resp: 12291
Ion Ratio Lower Upper
43 100
58 36.5 0.0 66.4



#14
Carbon disulfide
Concen: 6.064 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion: 76 Resp: 158685
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

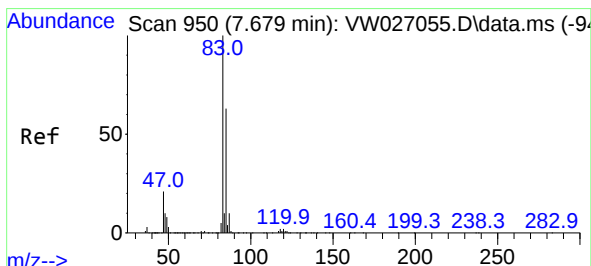
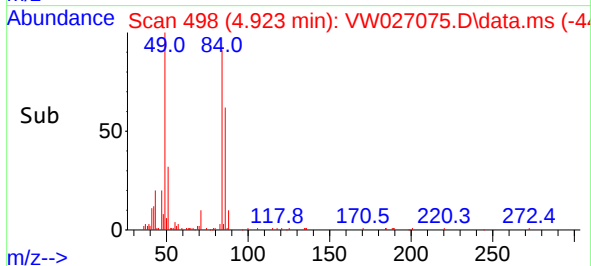
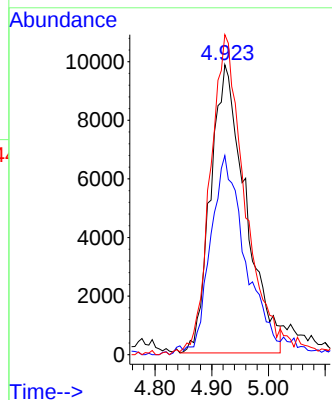
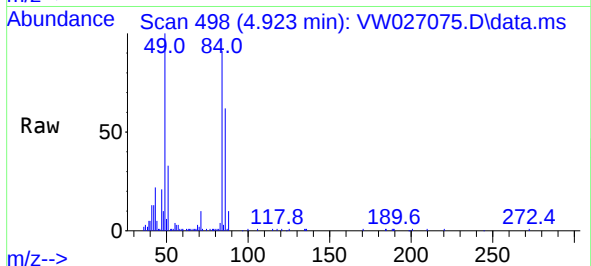




#16
Methylene chloride
Concen: 3.783 ug/L
RT: 4.923 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

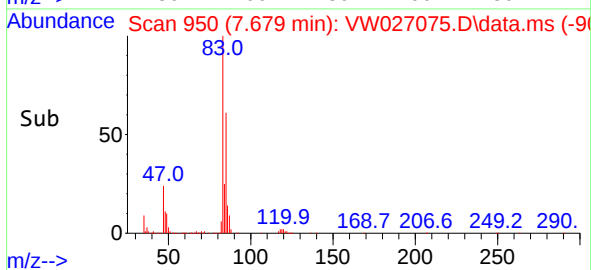
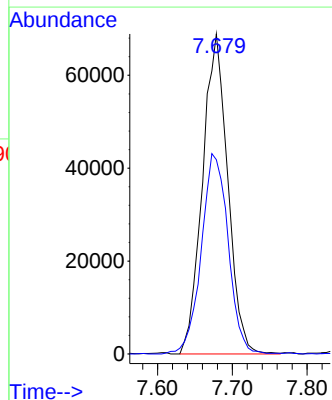
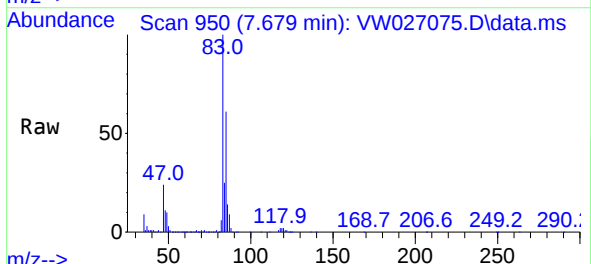
Instrument :
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ClientSampleId :

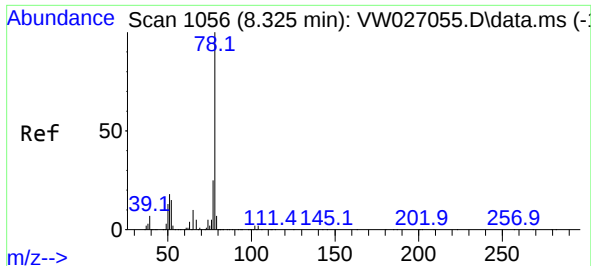
Tgt Ion: 84 Resp: 42321
Ion Ratio Lower Upper
84 100
86 68.6 44.1 81.9
49 110.4 82.1 152.5



#25
Chloroform
Concen: 9.793 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion: 83 Resp: 161695
Ion Ratio Lower Upper
83 100
85 60.7 47.3 87.9

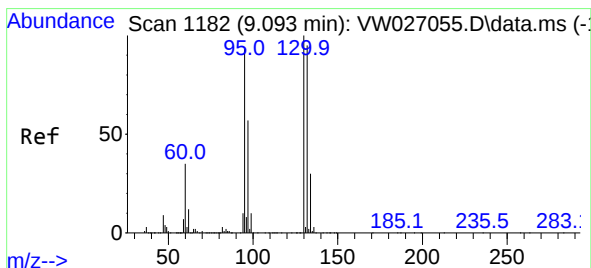
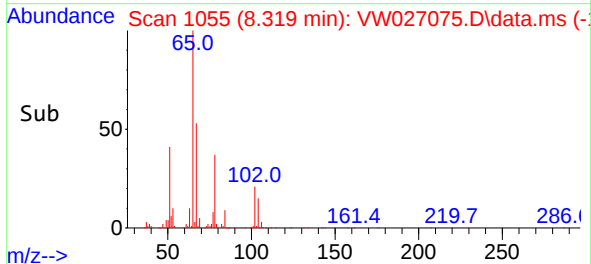
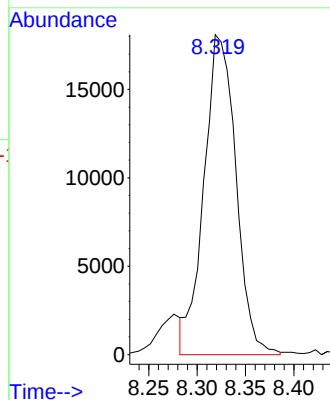
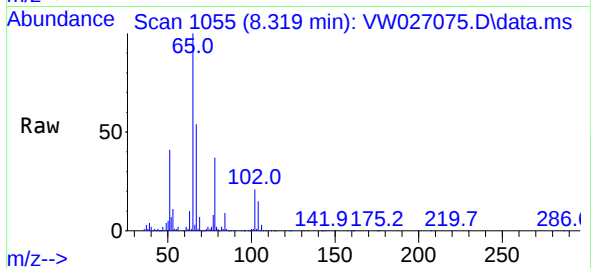




#33
Benzene
Concen: 2.033 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

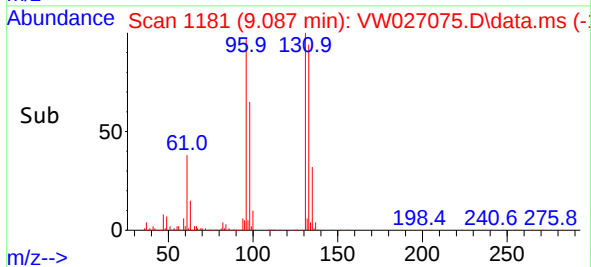
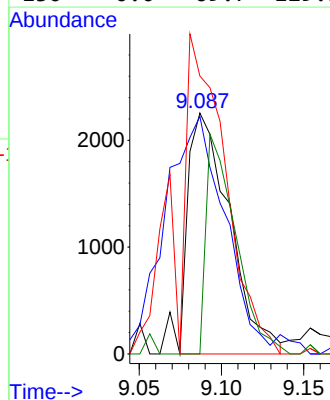
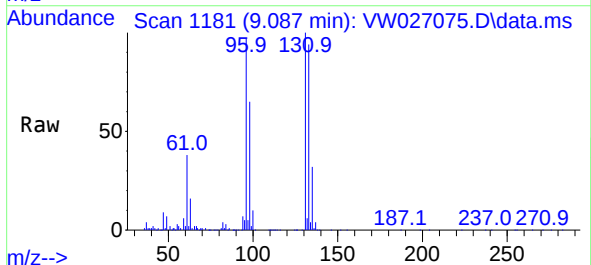
Instrument :
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ClientSampleId :

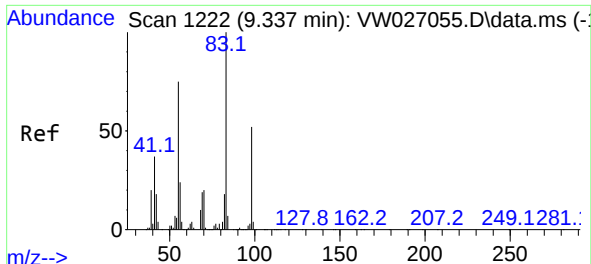
Tgt Ion: 78 Resp: 41625



#34
Trichloroethene
Concen: 0.750 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion: 95 Resp: 3946
Ion Ratio Lower Upper
95 100
97 98.6 42.4 78.8#
132 115.3 63.1 117.3
130 0.0 69.7 129.5#

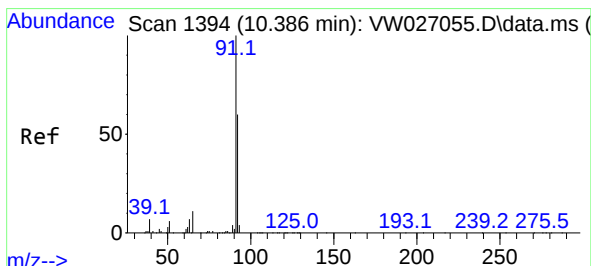
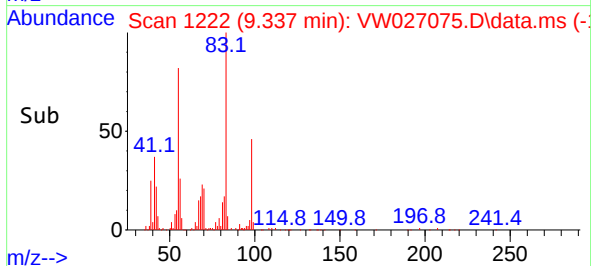
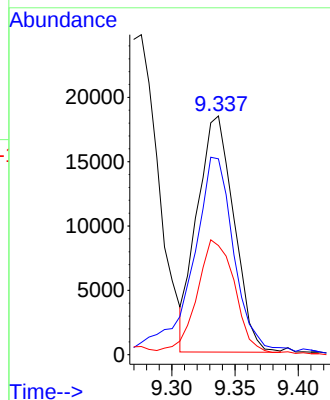
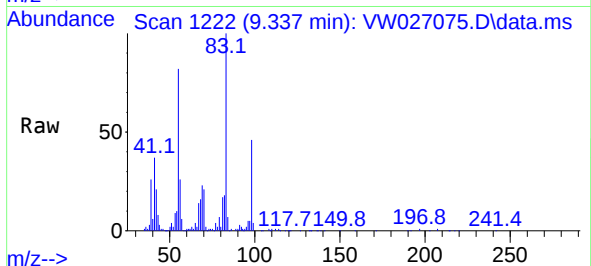




#35
Methylcyclohexane
Concen: 4.146 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

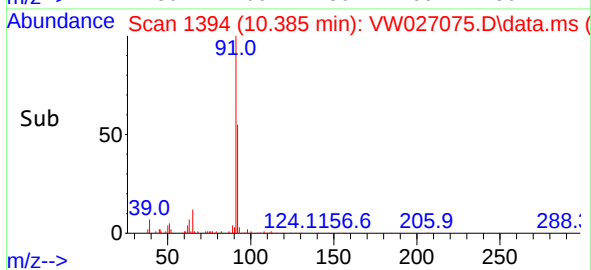
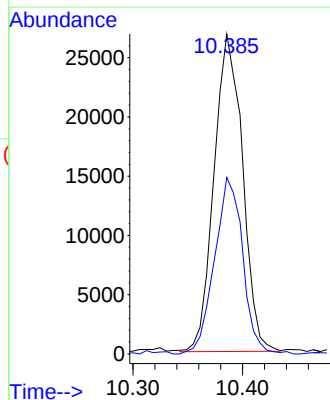
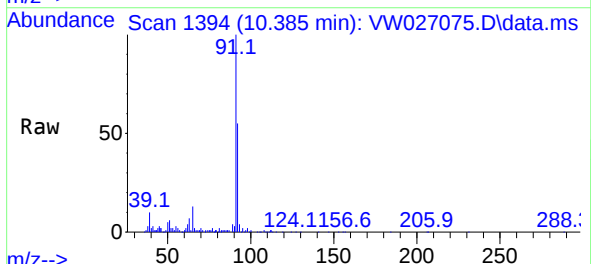
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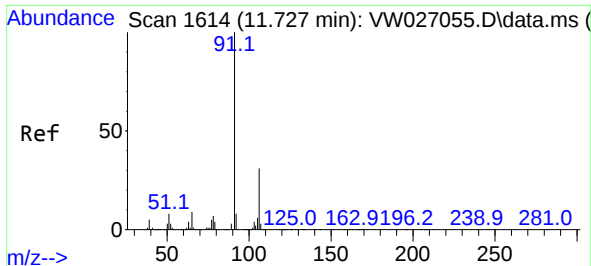
Tgt Ion: 83 Resp: 37061
Ion Ratio Lower Upper
83 100
55 96.7 61.7 92.5#
98 50.1 38.3 57.5



#42
Toluene
Concen: 2.293 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion: 91 Resp: 48327
Ion Ratio Lower Upper
91 100
92 55.1 41.6 77.2

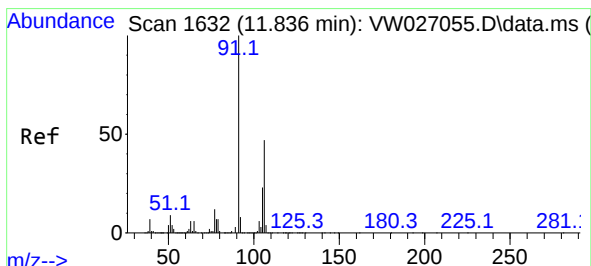
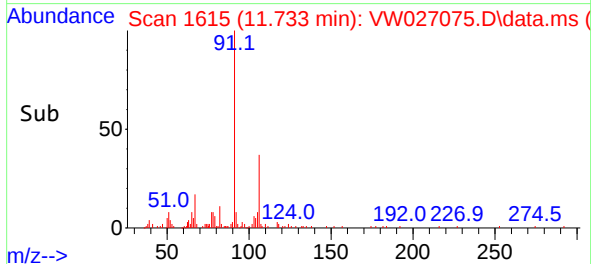
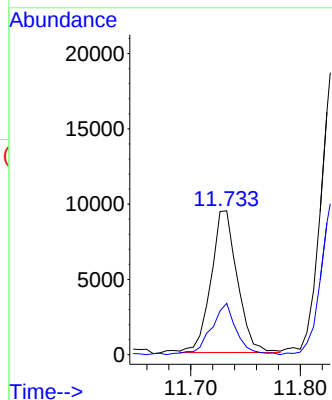
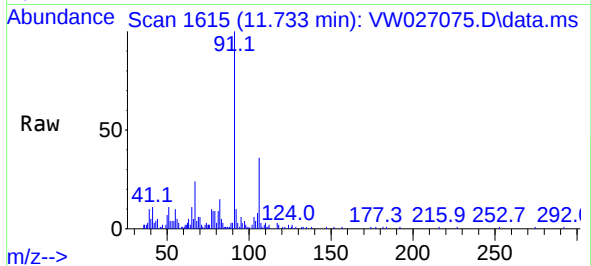




#52
Ethylbenzene
Concen: 0.673 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

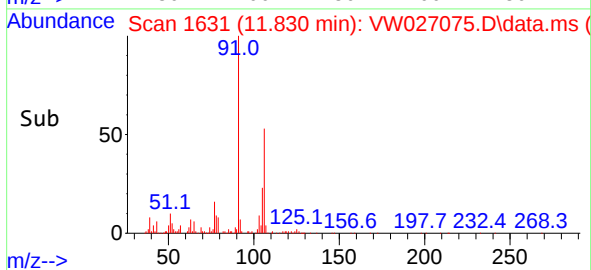
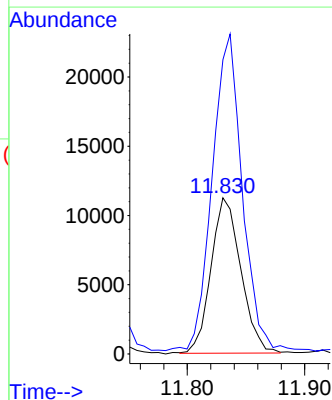
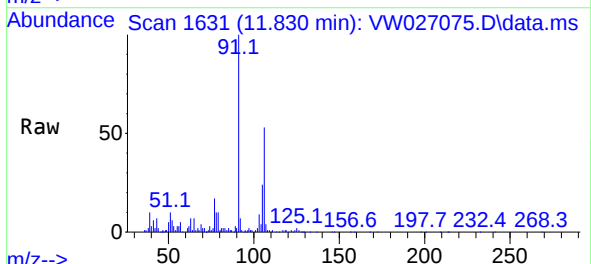
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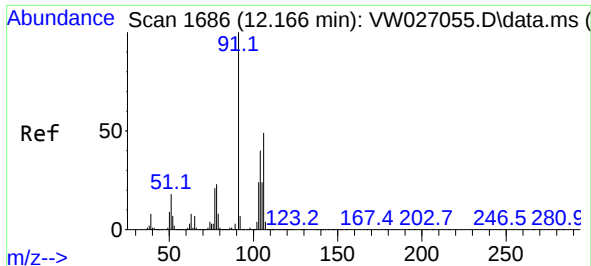
Tgt Ion: 91 Resp: 15720
Ion Ratio Lower Upper
91 100
106 35.7 21.1 39.3



#53
m,p-Xylene
Concen: 2.238 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion: 106 Resp: 19779
Ion Ratio Lower Upper
106 100
91 188.4 139.6 259.2

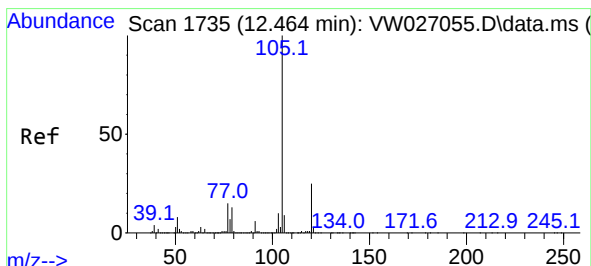
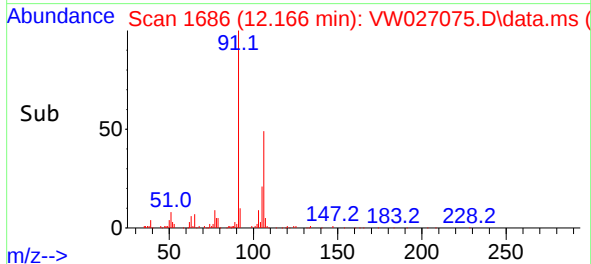
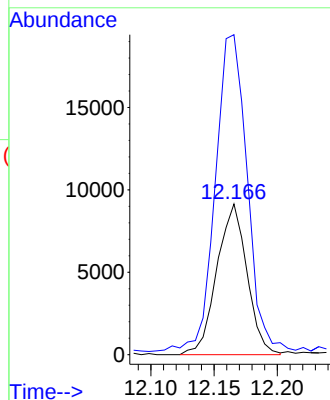
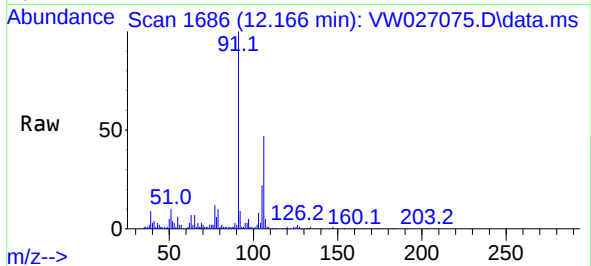




#54
o-Xylene
Concen: 1.834 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
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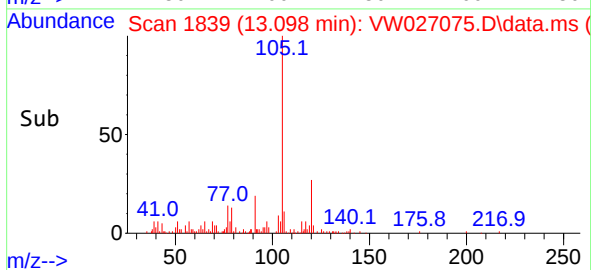
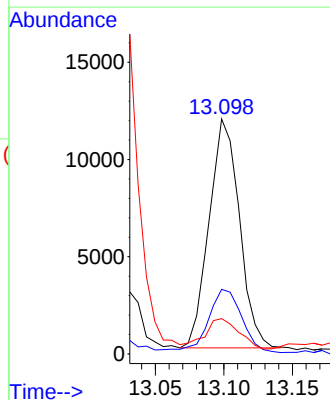
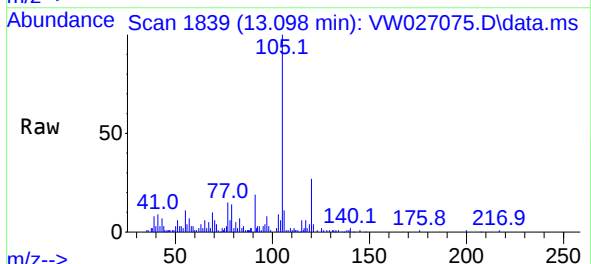
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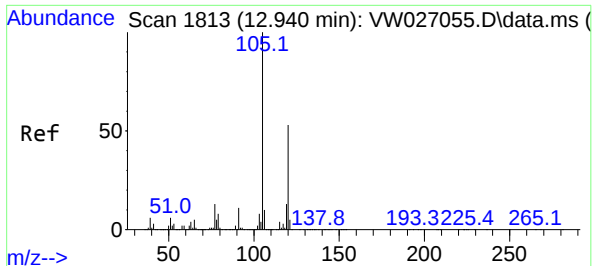
Tgt Ion:106 Resp: 15168
Ion Ratio Lower Upper
106 100
91 212.3 154.0 286.0



#60
Isopropylbenzene
Concen: 2.806 ug/L
RT: 13.098 min Scan# 1839
Delta R.T. 0.640 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Tgt Ion:105 Resp: 18116
Ion Ratio Lower Upper
105 100
120 29.8 21.4 32.0
77 14.9 12.8 19.2

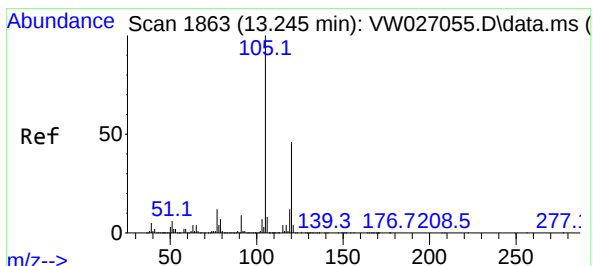
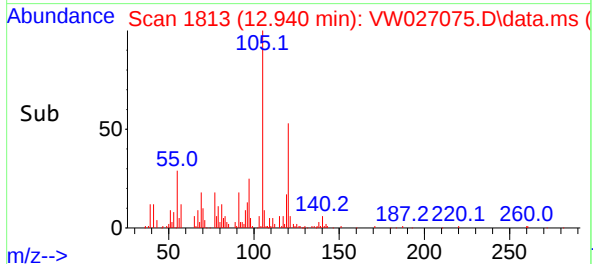
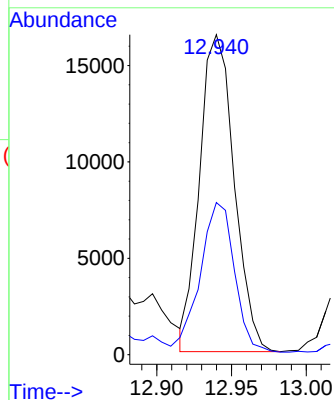
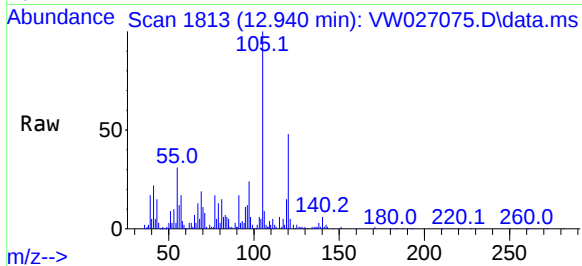




#62
1,3,5-Trimethylbenzene
Concen: 5.138 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

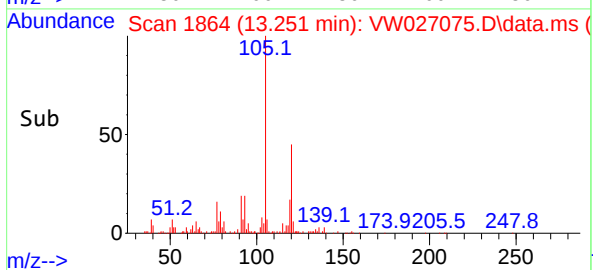
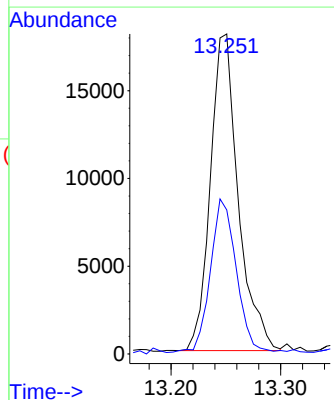
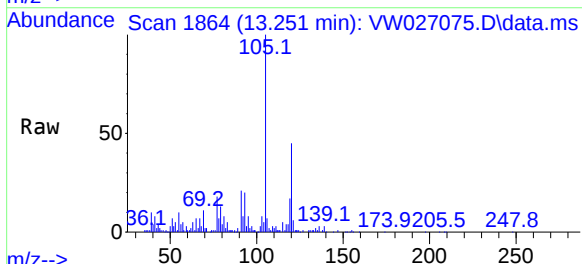
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ClientSampleId :

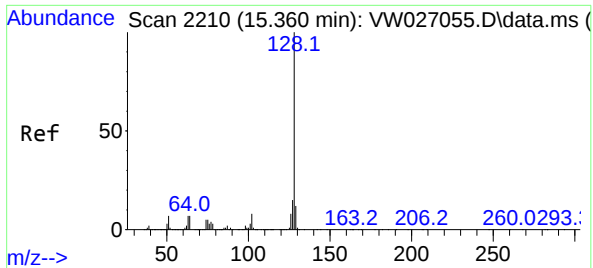
Tgt Ion:105 Resp: 26474
Ion Ratio Lower Upper
105 100
120 46.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 6.343 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

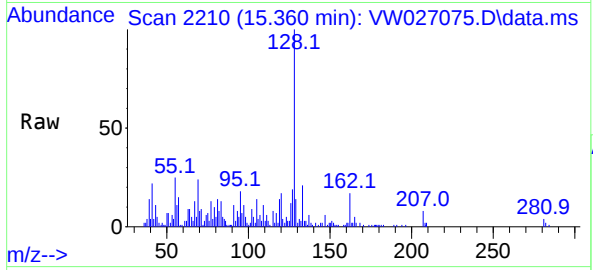
Tgt Ion:105 Resp: 31950
Ion Ratio Lower Upper
105 100
120 43.5 36.3 54.5





#71
Naphthalene
Concen: 4.642 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027075.D
Acq: 12 Sep 2023 17:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 13645

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.9	16.3
129	11.7	8.9	13.3

