

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027390.D
 Acq On : 23 Oct 2023 13:10
 Operator : SY/MD
 Sample : 04922-03RE
 Misc : 6.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

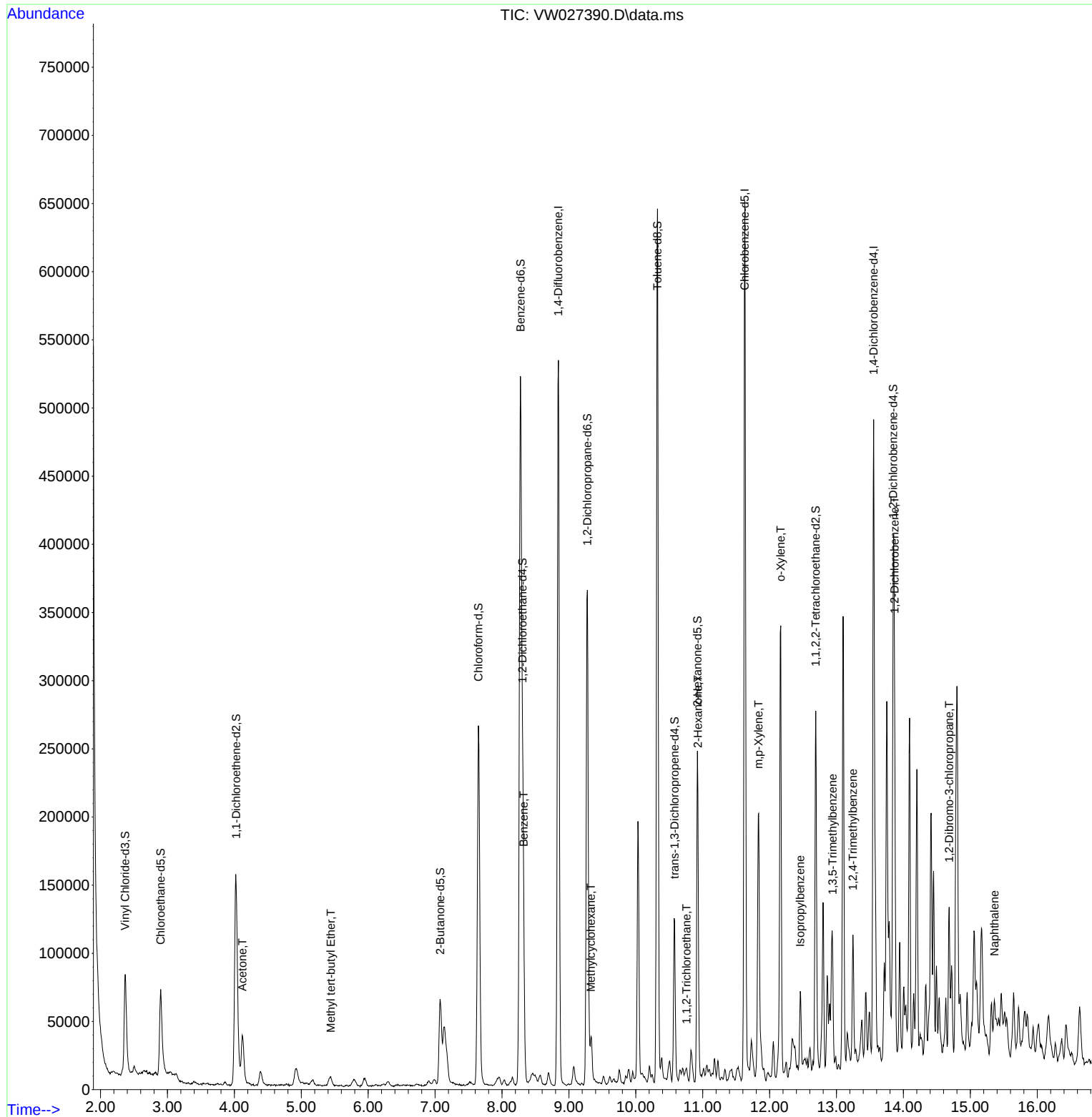
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	436798	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	113004	16.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
7) Chloroethane-d5	2.899	69	94429	19.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
11) 1,1-Dichloroethene-d2	4.027	65	57392	17.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.720%
21) 2-Butanone-d5	7.075	46	108207	48.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
24) Chloroform-d	7.648	84	268213	20.602	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	8.307	65	152493	21.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.240%
32) Benzene-d6	8.276	84	523038	23.059	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.240%
36) 1,2-Dichloropropane-d6	9.276	67	175632	25.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.325	98	408889	19.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.581	79	65070	20.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.400%
47) 2-Hexanone-d5	10.922	63	81405	56.792	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130825	25.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	80284	19.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.720%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	61526	32.150	ug/L	98
18) Methyl tert-butyl Ether	5.441	73	7794	0.734	ug/L #	76
33) Benzene	8.325	78	56249	2.567	ug/L	100
35) Methylcyclohexane	9.331	83	12346	1.193	ug/L #	79
45) 1,1,2-Trichloroethane	10.757	97	3140	0.770	ug/L #	23
48) 2-Hexanone	10.928	43	13691	4.540	ug/L #	48
53) m,p-Xylene	11.837	106	56802	5.607	ug/L	94
54) o-Xylene	12.166	106	85991	8.864	ug/L	99
60) Isopropylbenzene	12.458	105	34167	1.932	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	31075	2.107	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	53176	3.684	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	46510	7.309	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.684	75	2049	3.336	ug/L #	12
71) Naphthalene	15.360	128	28018	3.439	ug/L	97

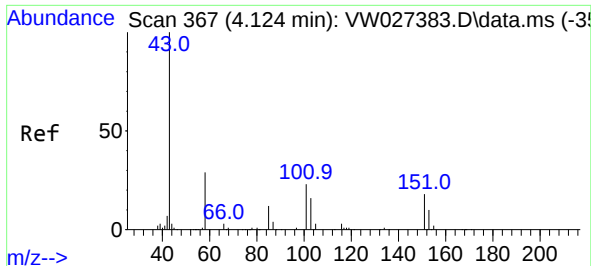
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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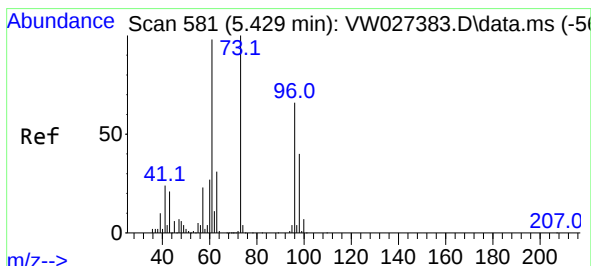
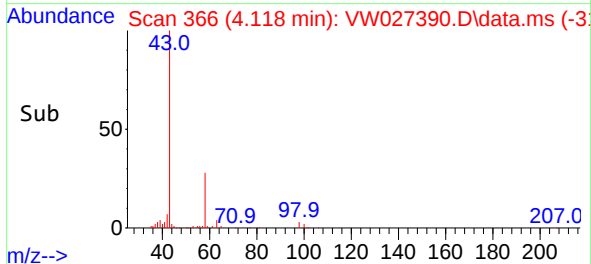
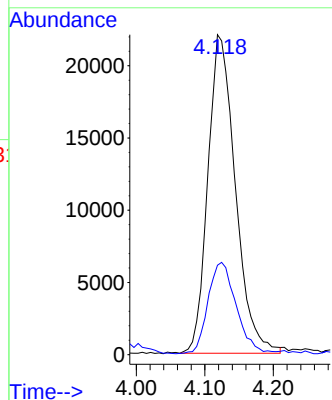
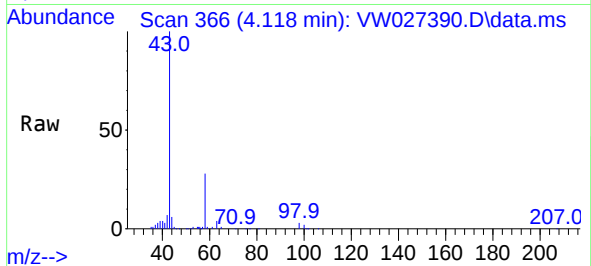




#13
Acetone
Concen: 32.150 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

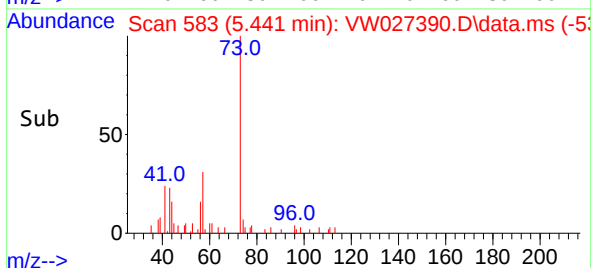
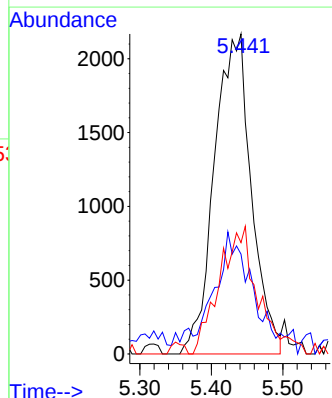
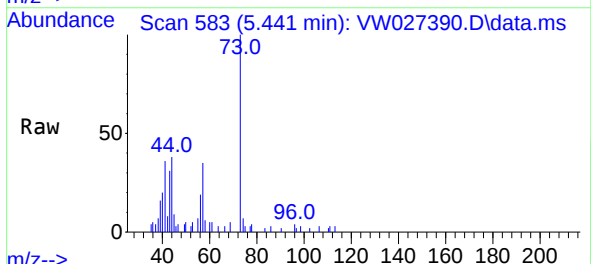
Instrument :
MSVOA_W
ClientSampleId :

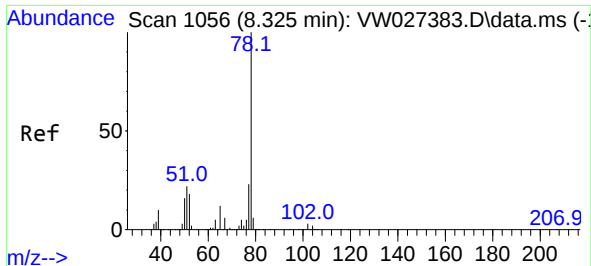
Tgt Ion: 43 Resp: 61526
Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.8



#18
Methyl tert-butyl Ether
Concen: 0.734 ug/L
RT: 5.441 min Scan# 583
Delta R.T. 0.013 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

Tgt Ion: 73 Resp: 7794
Ion Ratio Lower Upper
73 100
43 0.0 17.7 26.5#
57 24.3 18.5 27.7

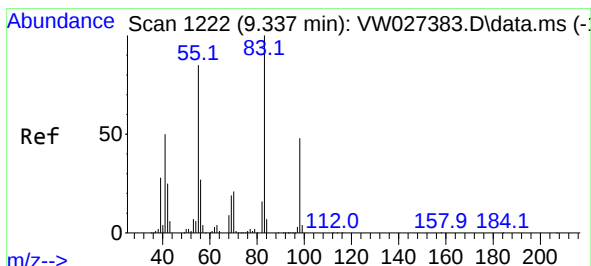
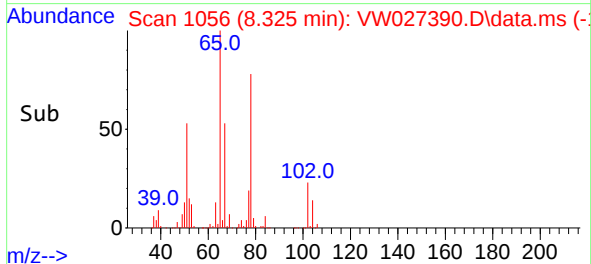
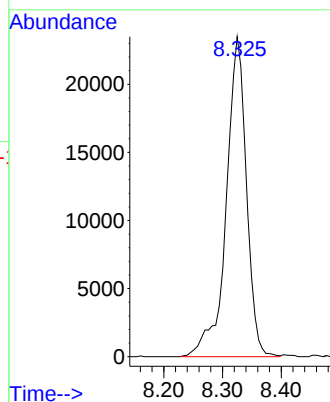
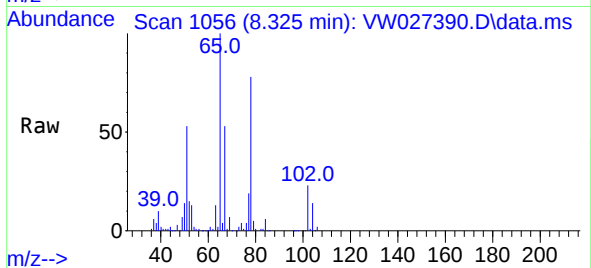




#33
Benzene
Concen: 2.567 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

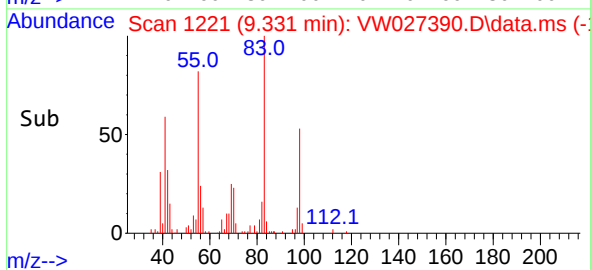
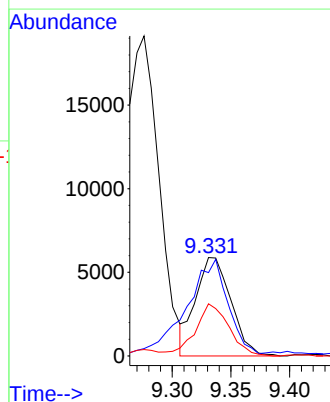
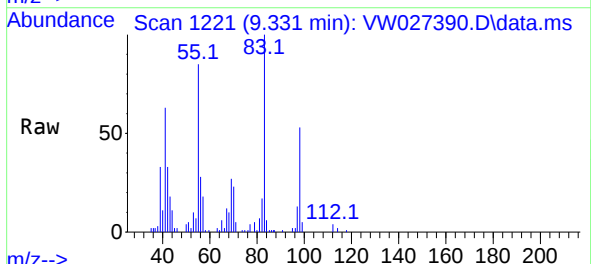
Instrument :
MSVOA_W
ClientSampleId :

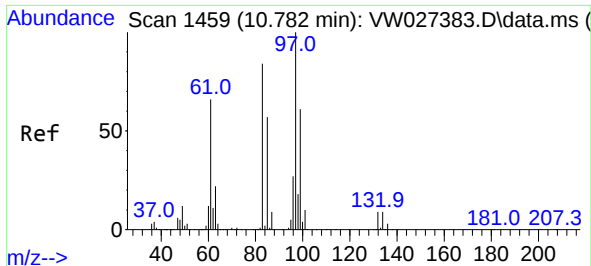
Tgt Ion: 78 Resp: 56249



#35
Methylcyclohexane
Concen: 1.193 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

Tgt Ion: 83 Resp: 12346
Ion Ratio Lower Upper
83 100
55 110.4 65.8 98.8#
98 50.2 38.1 57.1





#45

1,1,2-Trichloroethane

Concen: 0.770 ug/L

RT: 10.757 min Scan# 1455

Delta R.T. -0.030 min

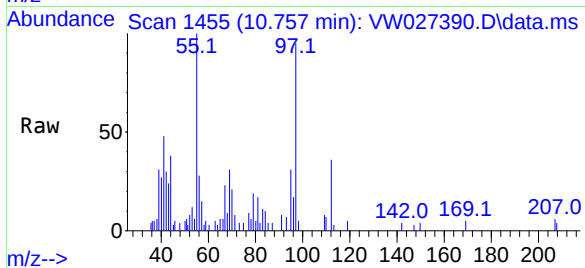
Lab File: VW027390.D

Acq: 23 Oct 2023 13:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 3140

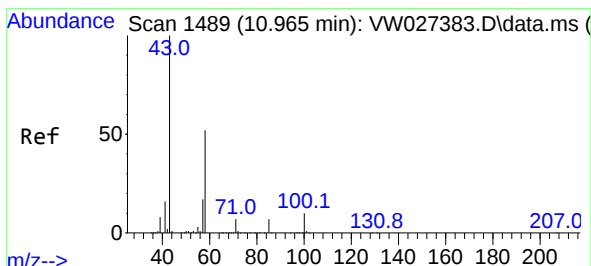
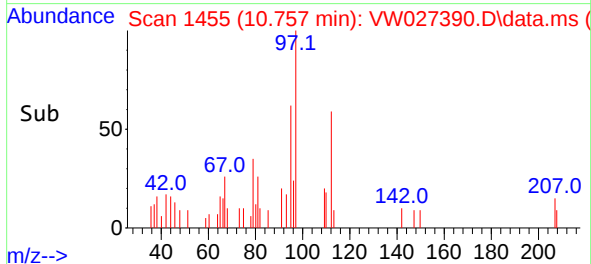
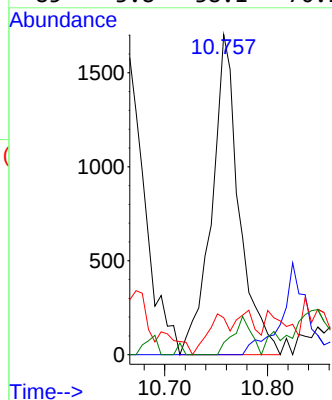
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.4#

83 11.6 57.5 106.7#

85 3.8 38.1 70.9#



#48

2-Hexanone

Concen: 4.540 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.036 min

Lab File: VW027390.D

Acq: 23 Oct 2023 13:10

Tgt Ion: 43 Resp: 13691

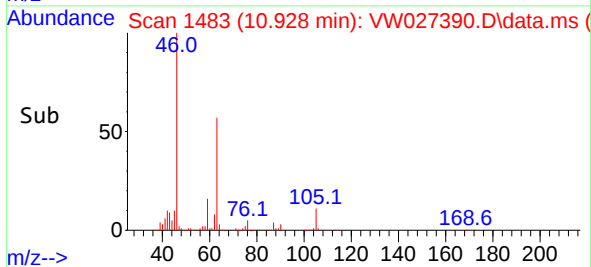
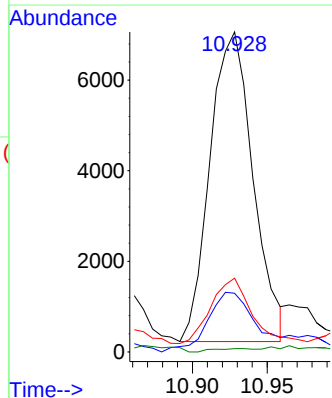
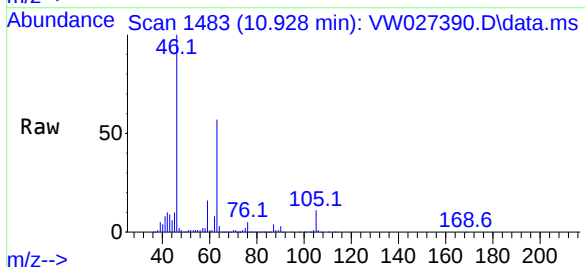
Ion Ratio Lower Upper

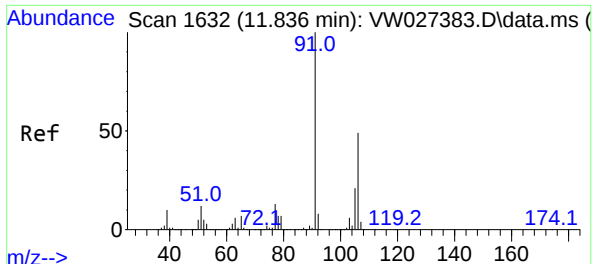
43 100

58 0.0 42.2 63.4#

57 19.9 15.1 22.7

100 0.6 9.0 13.4#

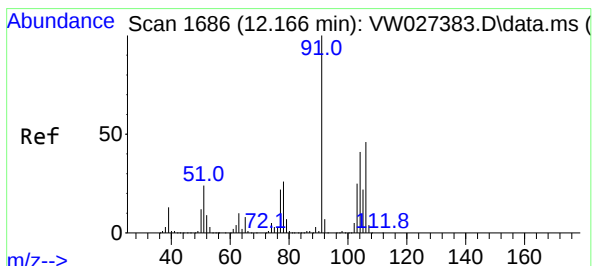
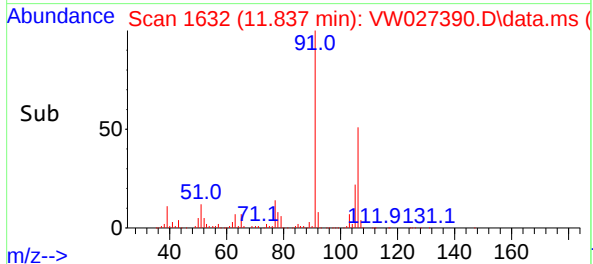
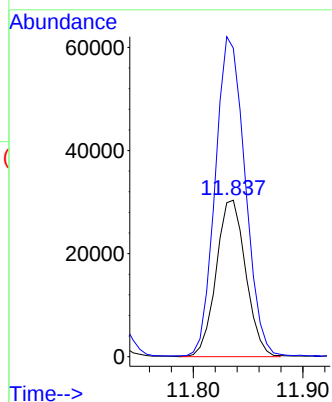
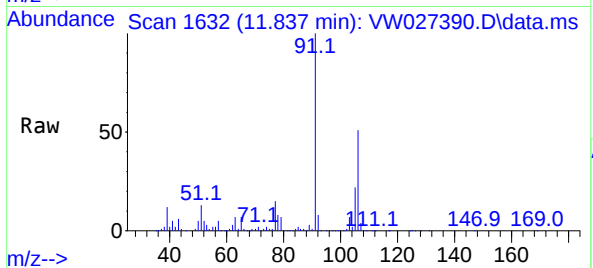




#53
m,p-Xylene
Concen: 5.607 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

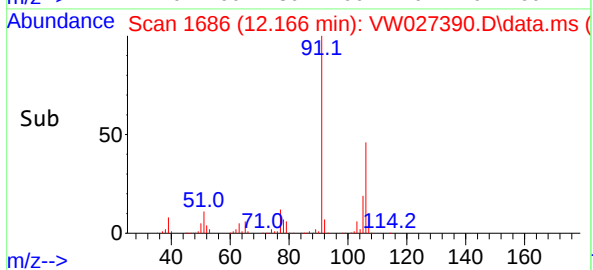
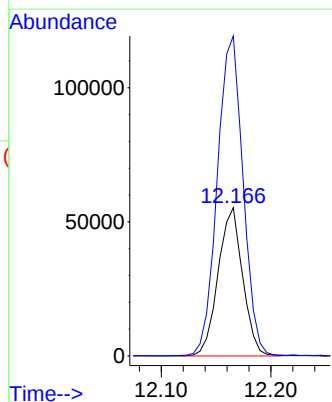
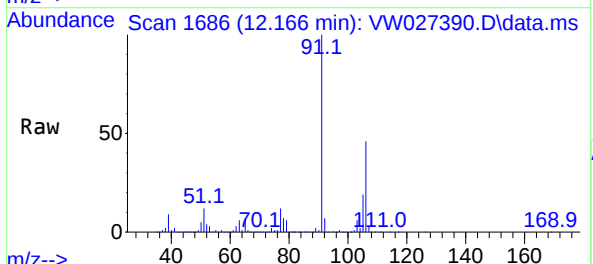
Instrument :
MSVOA_W
ClientSampleId :

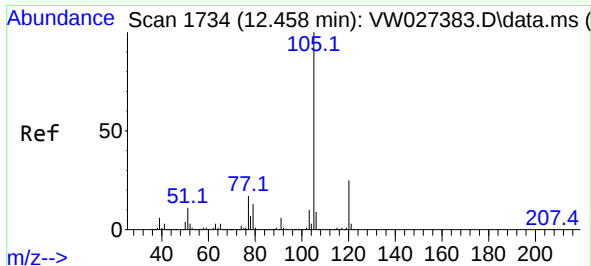
Tgt Ion:106 Resp: 56802
Ion Ratio Lower Upper
106 100
91 197.2 144.5 268.4



#54
o-Xylene
Concen: 8.864 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

Tgt Ion:106 Resp: 85991
Ion Ratio Lower Upper
106 100
91 215.7 152.0 282.2

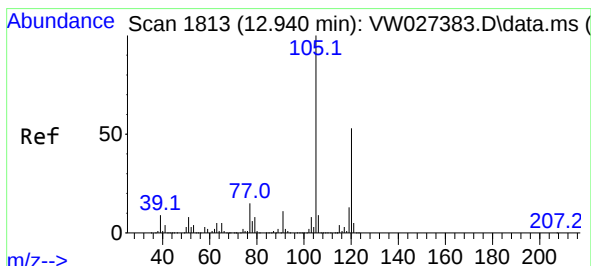
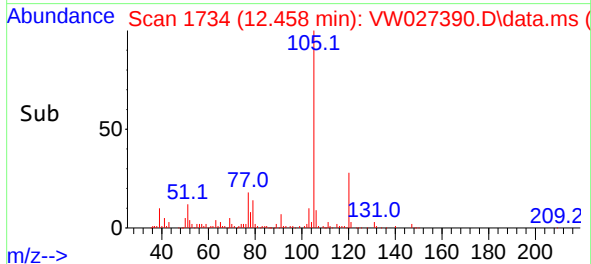
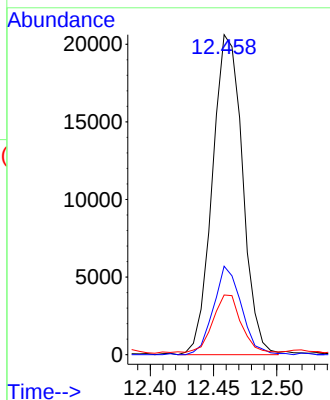
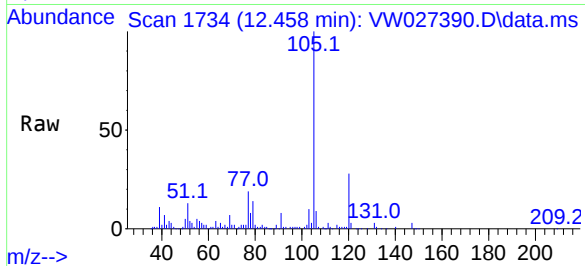




#60
Isopropylbenzene
Concen: 1.932 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

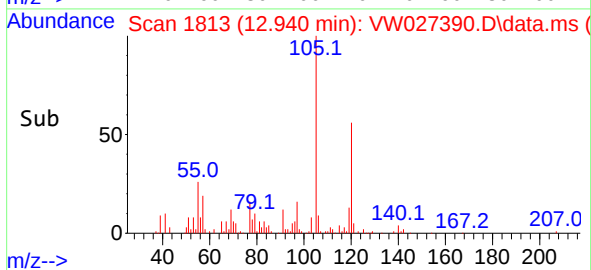
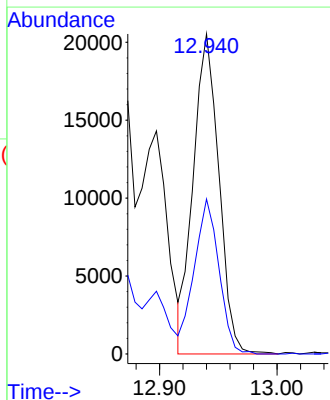
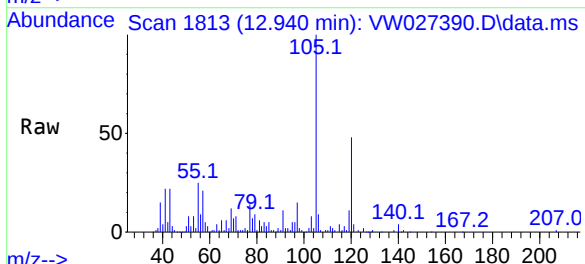
Instrument :
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ClientSampleId :

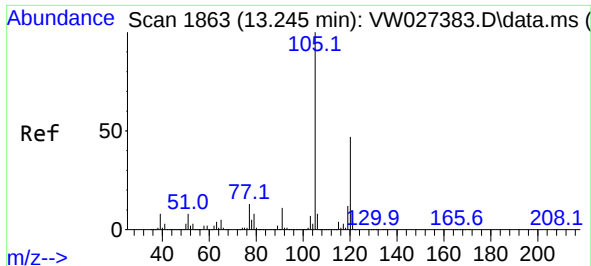
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.1	30.1
77	16.4	12.9	19.3



#62
1,3,5-Trimethylbenzene
Concen: 2.107 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	38.8	58.2

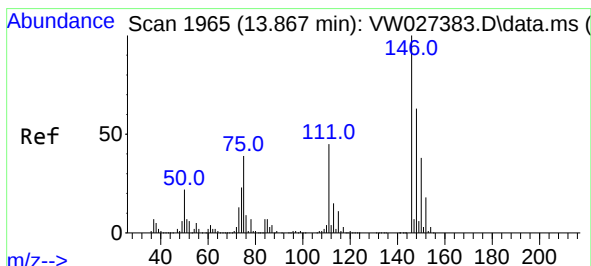
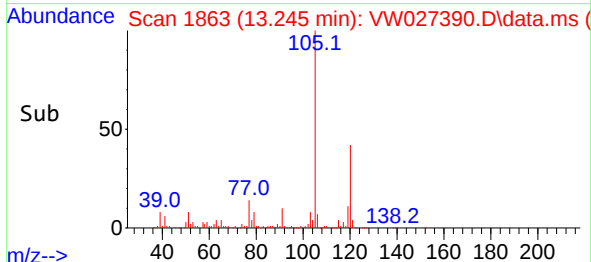
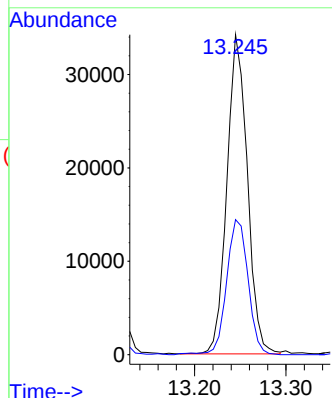
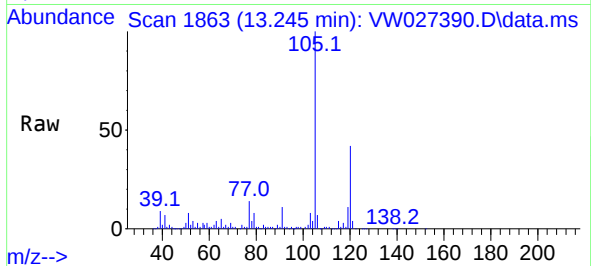




#63
1,2,4-Trimethylbenzene
Concen: 3.684 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

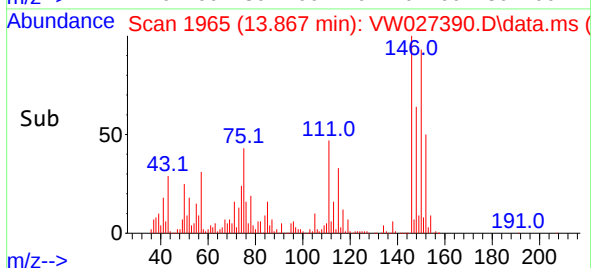
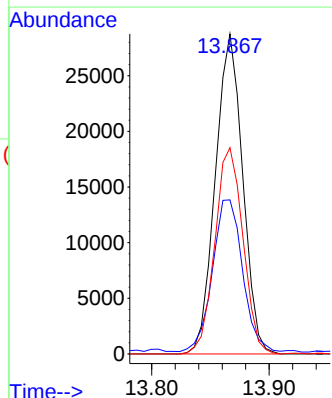
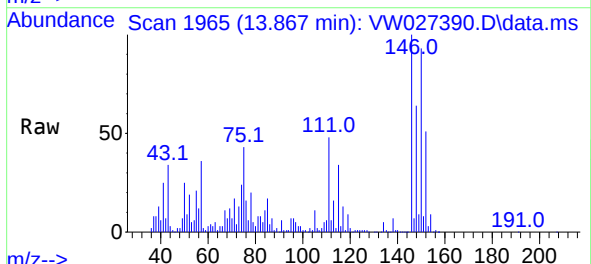
Instrument :
MSVOA_W
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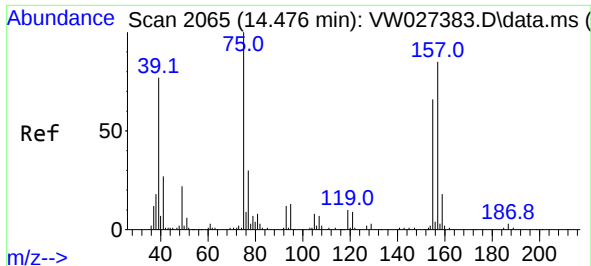
Tgt Ion:105 Resp: 53176
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2



#67
1,2-Dichlorobenzene
Concen: 7.309 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027390.D
Acq: 23 Oct 2023 13:10

Tgt Ion:146 Resp: 46510
Ion Ratio Lower Upper
146 100
111 48.2 36.8 55.2
148 64.5 52.3 78.5





#68

1,2-Dibromo-3-chloropropane

Concen: 3.336 ug/L

RT: 14.684 min Scan# 2065

Delta R.T. 0.202 min

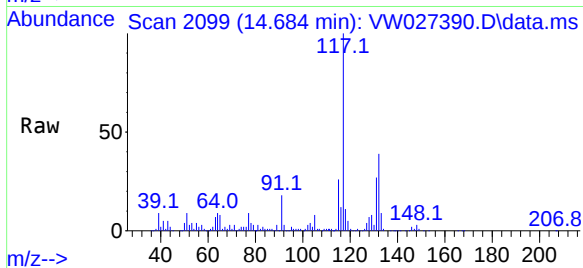
Lab File: VW027390.D

Acq: 23 Oct 2023 13:10

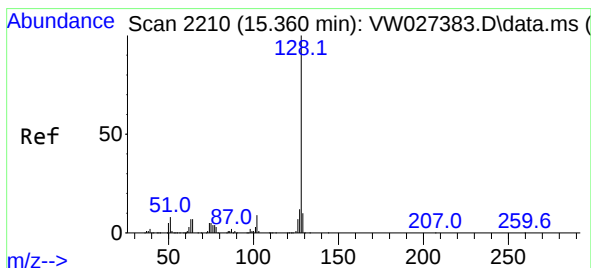
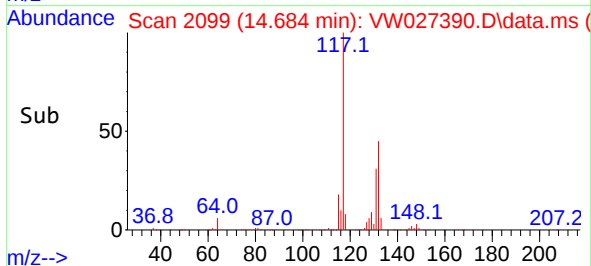
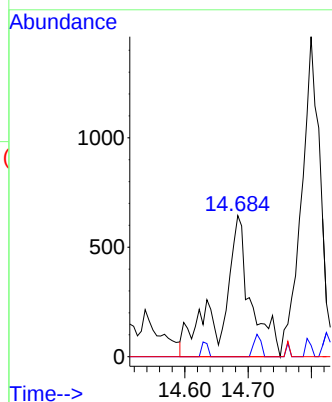
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	2049
Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.9	82.3#
157	0.0	64.7	97.1#



#71

Naphthalene

Concen: 3.439 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027390.D

Acq: 23 Oct 2023 13:10

Tgt Ion:	128	Resp:	28018
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	10.0	8.5	12.7

