

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027487.D
 Acq On : 31 Oct 2023 16:02
 Operator : SY/MD
 Sample : 05174-04RE
 Misc : 5.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 01:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

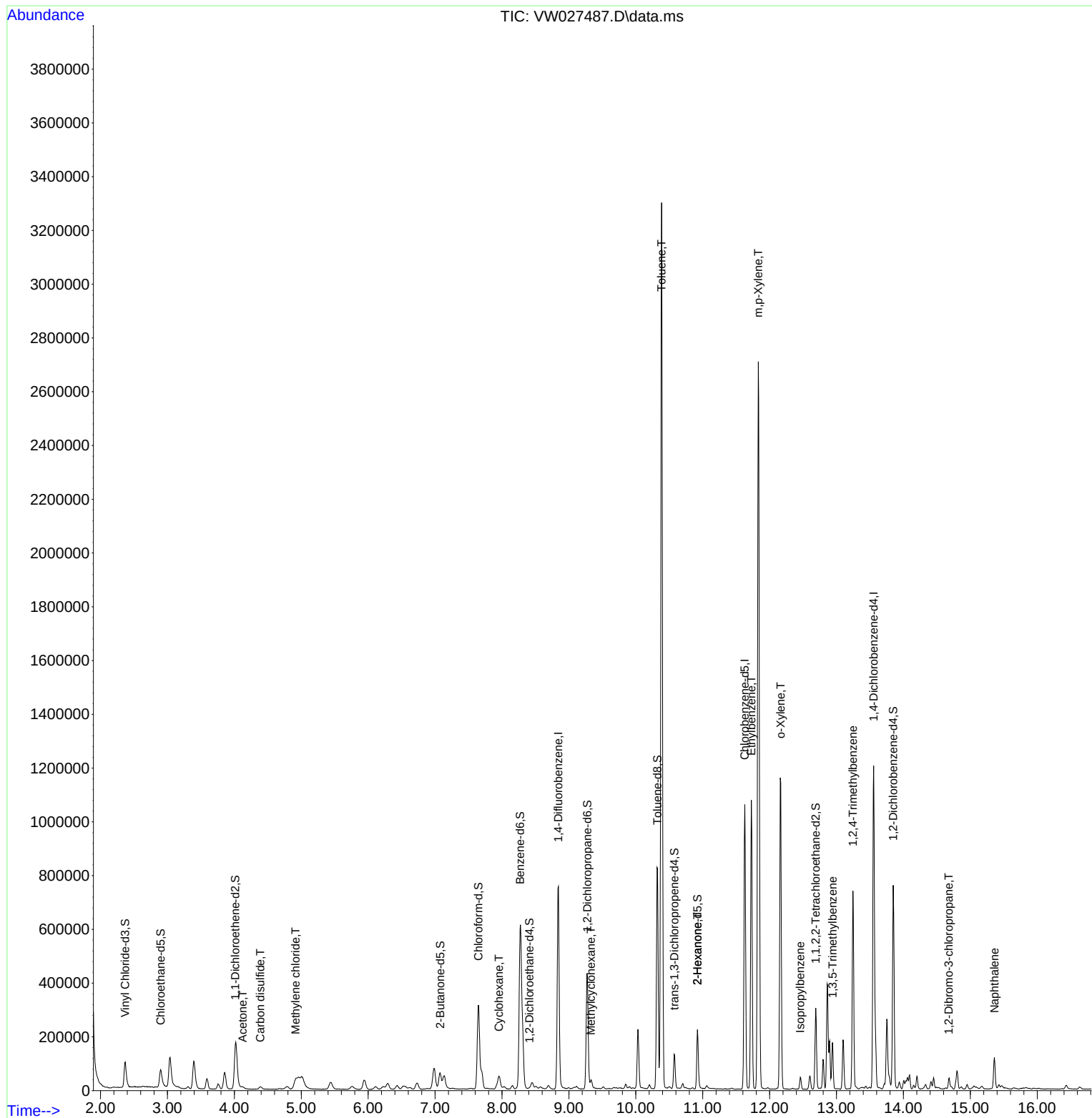
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	299505	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	115203	12.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.480%
7) Chloroethane-d5	2.899	69	100916	15.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
11) 1,1-Dichloroethene-d2	4.014	65	64677	13.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.440%
21) 2-Butanone-d5	7.075	46	100324	32.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.800%
24) Chloroform-d	7.648	84	317922	17.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.880%
26) 1,2-Dichloroethane-d4	8.410	65	75	0.008	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	630496	16.748	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.000%
36) 1,2-Dichloropropane-d6	9.276	67	211810	18.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.680%
41) Toluene-d8	10.324	98	539890	15.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.280%
43) trans-1,3-Dichloroprop...	10.574	79	71402	13.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.480%
47) 2-Hexanone-d5	10.922	63	73051	30.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149512	17.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	184431	16.993	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.960%#
Target Compounds						Qvalue
13) Acetone	4.124	43	8901	3.328	ug/L	87
14) Carbon disulfide	4.386	76	18211	0.734	ug/L	97
16) Methylene chloride	4.917	84	23030	2.061	ug/L	94
29) Cyclohexane	7.953	56	18363	1.087	ug/L #	66
35) Methylcyclohexane	9.331	83	10861	0.632	ug/L	91
42) Toluene	10.385	91	2316598	60.728	ug/L	100
48) 2-Hexanone	10.922	43	9494	1.897	ug/L #	72
52) Ethylbenzene	11.726	91	732594	16.526	ug/L	96
53) m,p-Xylene	11.830	106	801281	47.657	ug/L	94
54) o-Xylene	12.165	106	308271	19.146	ug/L	97
60) Isopropylbenzene	12.458	105	26781	0.569	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	88778	2.262	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	394290	10.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.677	75	1262	0.772	ug/L #	12
71) Naphthalene	15.360	128	95254	4.394	ug/L	99

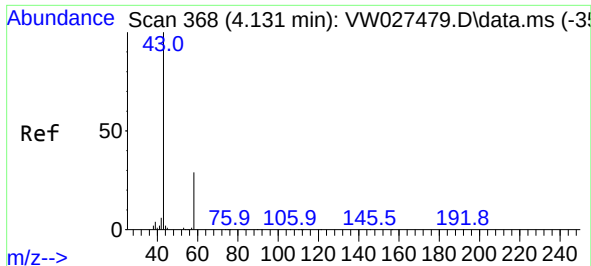
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
Data File : VW027487.D
Acq On : 31 Oct 2023 16:02
Operator : SY/MD
Sample : 05174-04RE
Misc : 5.40g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 01 01:50:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration

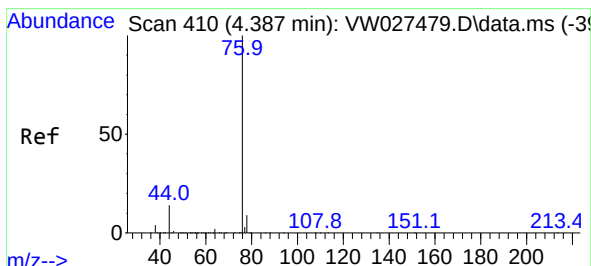
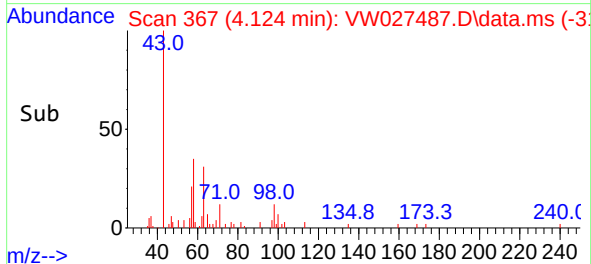
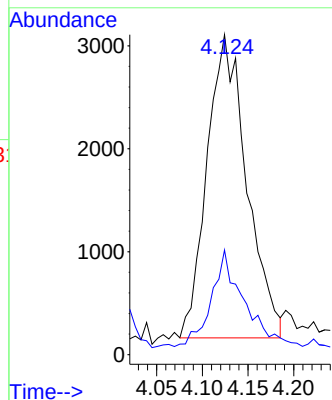
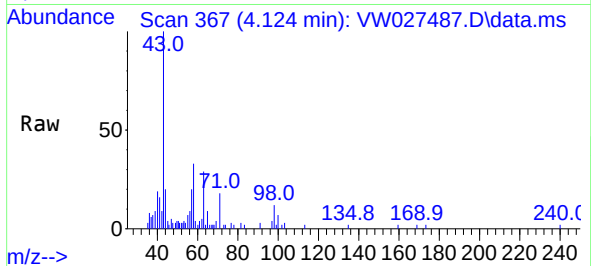




#13
Acetone
Concen: 3.328 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

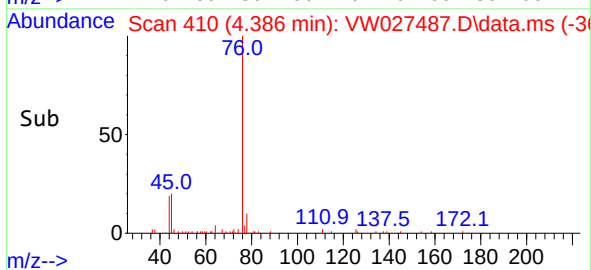
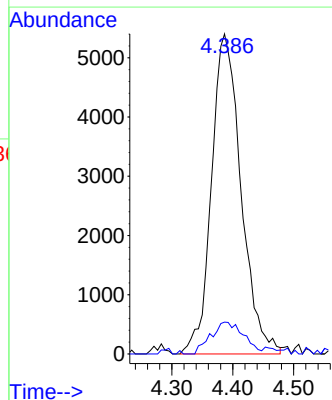
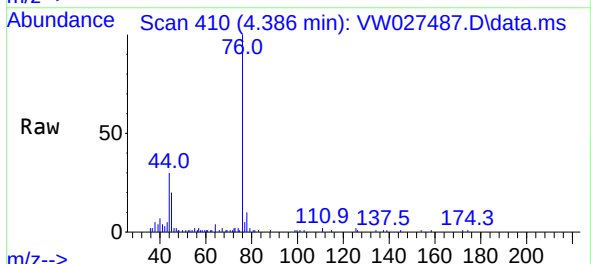
Instrument :
MSVOA_W
ClientSampleId :

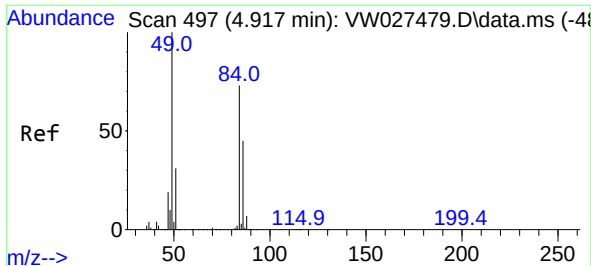
Tgt Ion: 43 Resp: 8901
Ion Ratio Lower Upper
43 100
58 23.2 0.0 60.8



#14
Carbon disulfide
Concen: 0.734 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Tgt Ion: 76 Resp: 18211
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

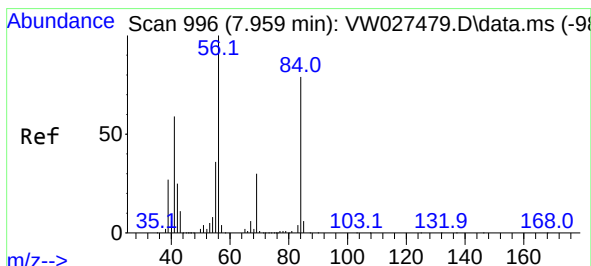
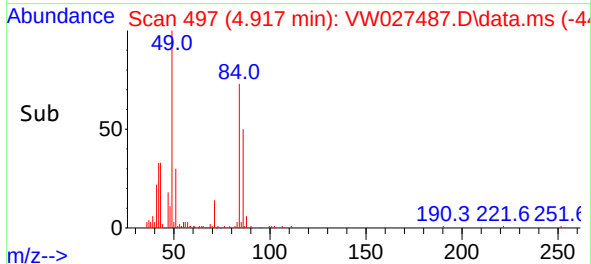
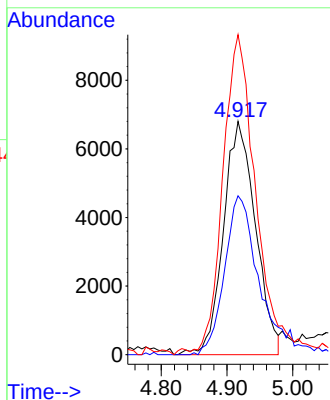
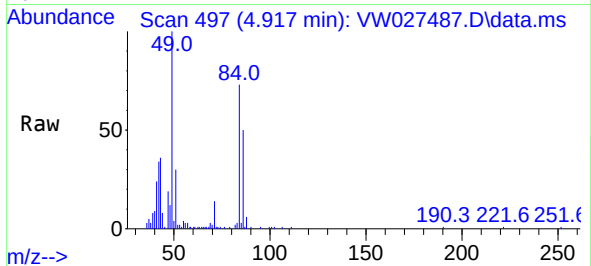




#16
Methylene chloride
Concen: 2.061 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

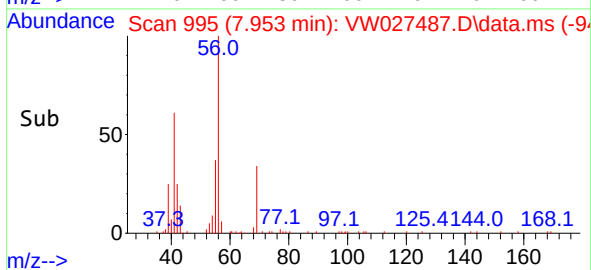
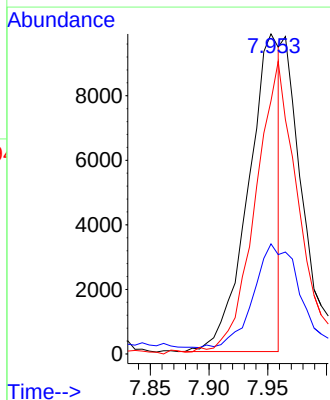
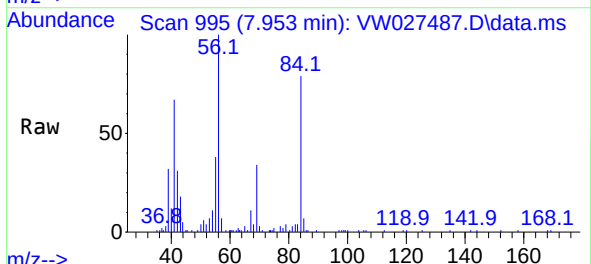
Instrument :
MSVOA_W
ClientSampleId :

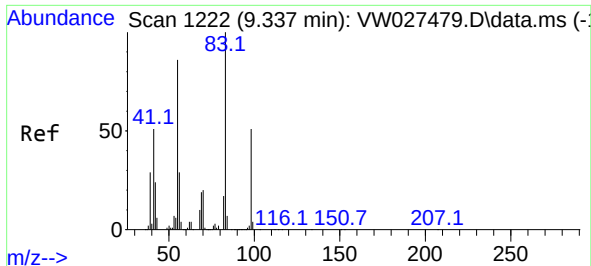
Tgt Ion: 84 Resp: 23030
Ion Ratio Lower Upper
84 100
86 68.1 41.3 76.7
49 137.2 92.8 172.4



#29
Cyclohexane
Concen: 1.087 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Tgt Ion: 56 Resp: 18363
Ion Ratio Lower Upper
56 100
69 26.5 24.2 36.4
84 120.6 65.1 97.7#





#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 9.331 min Scan# 1222

Delta R.T. -0.007 min

Lab File: VW027487.D

Acq: 31 Oct 2023 16:02

Instrument :

MSVOA_W

ClientSampleId :

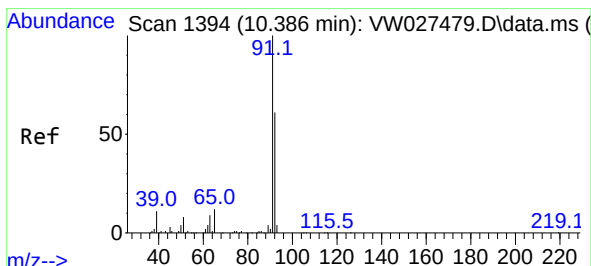
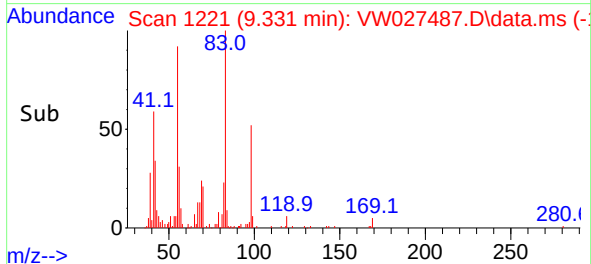
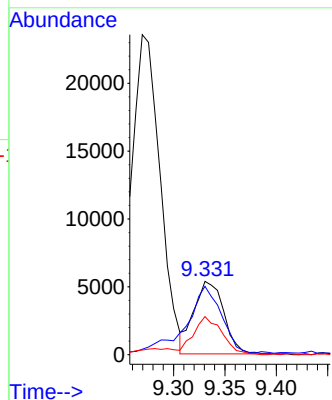
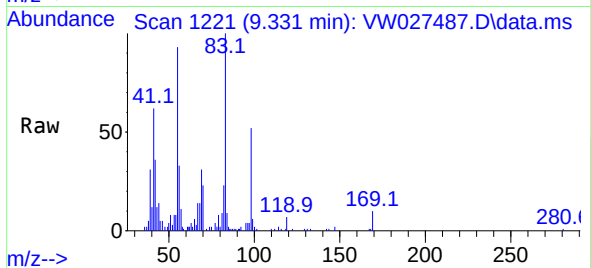
Tgt Ion: 83 Resp: 10861

Ion Ratio Lower Upper

83 100

55 92.9 65.8 98.8

98 49.7 38.1 57.1



#42

Toluene

Concen: 60.728 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027487.D

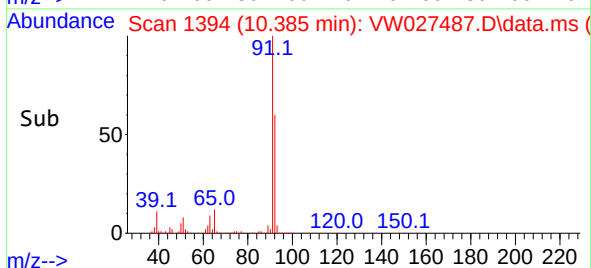
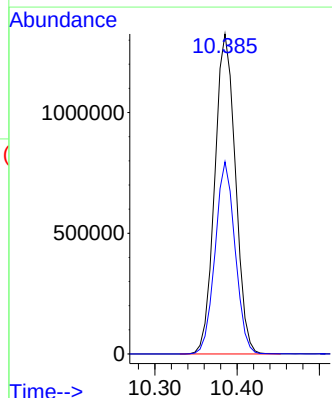
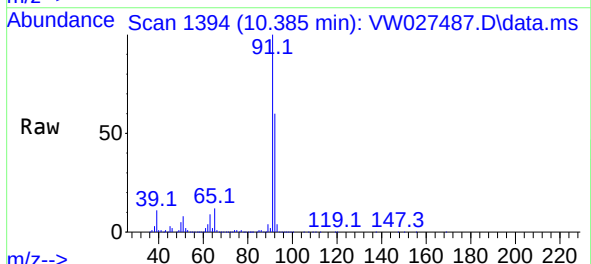
Acq: 31 Oct 2023 16:02

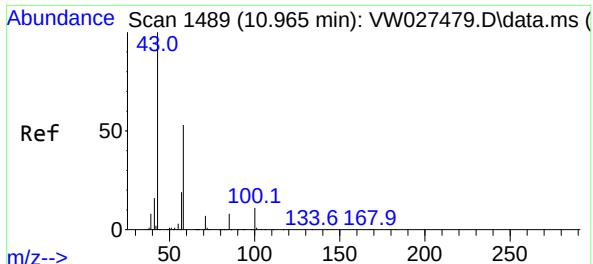
Tgt Ion: 91 Resp: 2316598

Ion Ratio Lower Upper

91 100

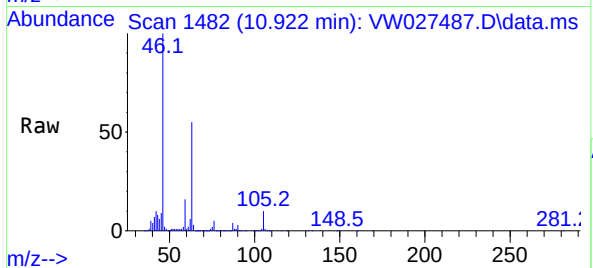
92 60.1 42.1 78.1



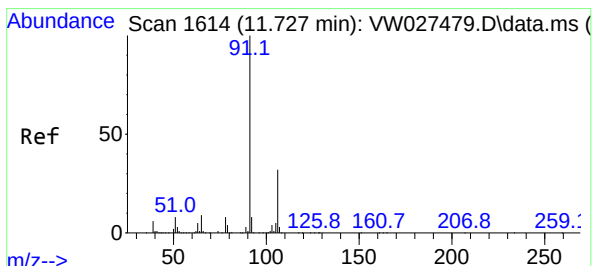
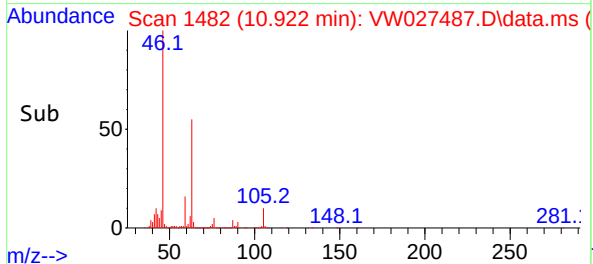
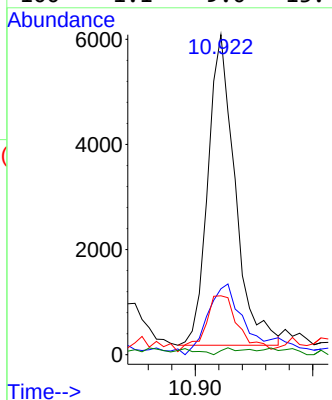


#48
2-Hexanone
Concen: 1.897 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Instrument :
MSVOA_W
ClientSampleId :

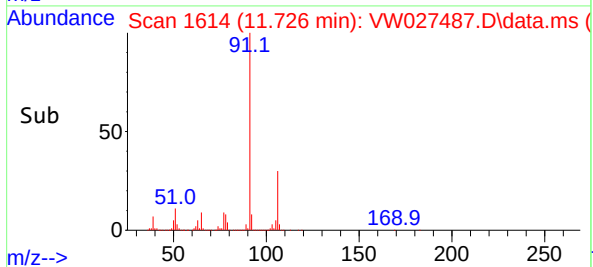
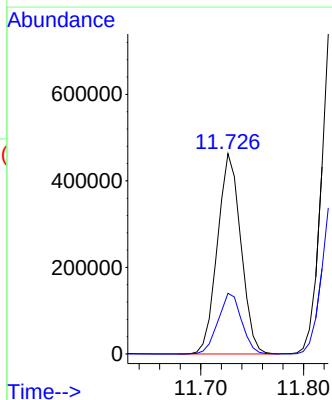
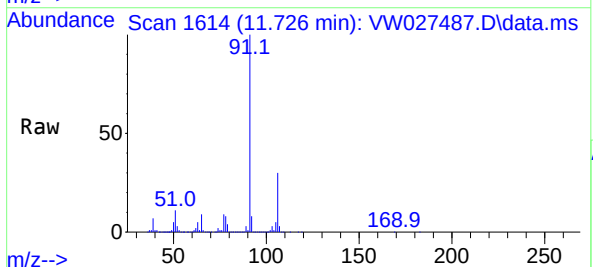


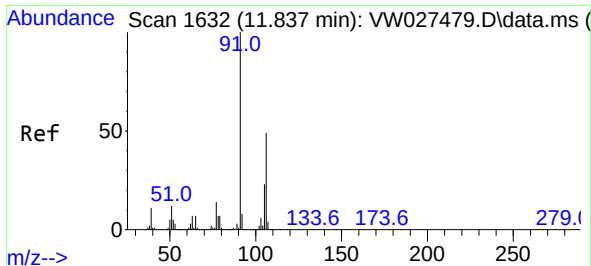
Tgt Ion: 43 Resp: 9494
Ion Ratio Lower Upper
43 100
58 28.7 42.2 63.4#
57 14.1 15.1 22.7#
100 1.1 9.0 13.4#



#52
Ethylbenzene
Concen: 16.526 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.001 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Tgt Ion: 91 Resp: 732594
Ion Ratio Lower Upper
91 100
106 30.3 19.8 36.8

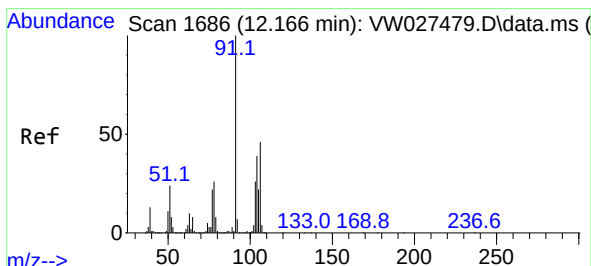
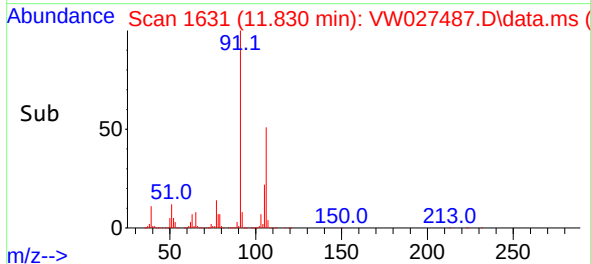
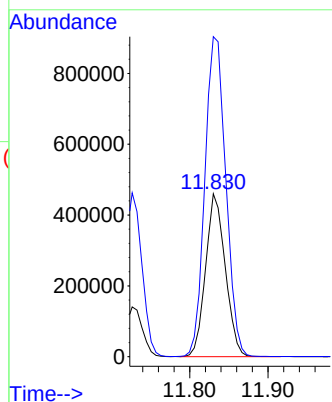
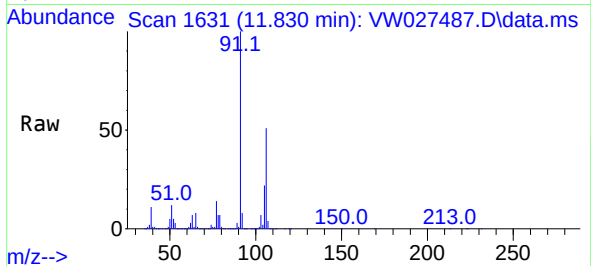




#53
m,p-Xylene
Concen: 47.657 ug/L
RT: 11.830 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

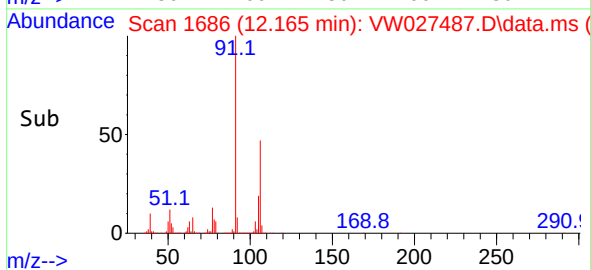
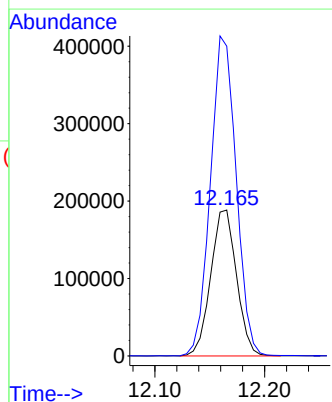
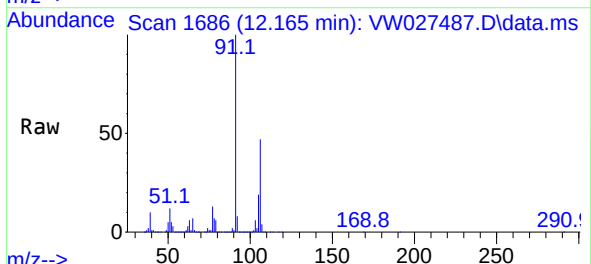
Instrument :
MSVOA_W
ClientSampleId :

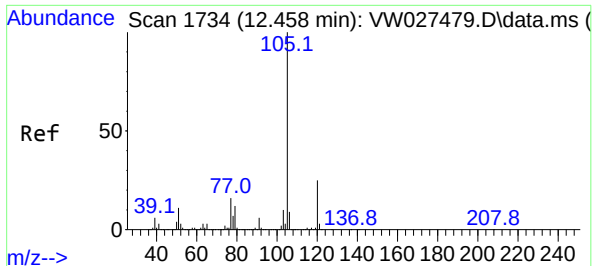
Tgt Ion:106 Resp: 801281
Ion Ratio Lower Upper
106 100
91 196.5 144.5 268.4



#54
o-Xylene
Concen: 19.146 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Tgt Ion:106 Resp: 308271
Ion Ratio Lower Upper
106 100
91 212.2 152.0 282.2

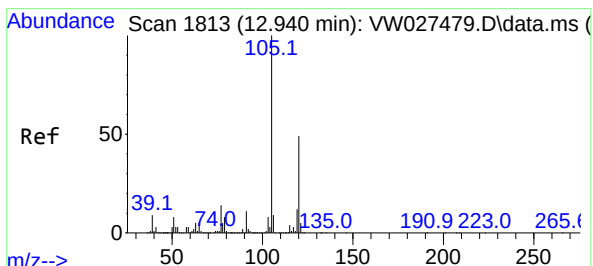
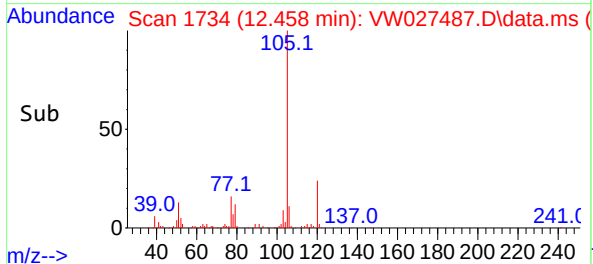
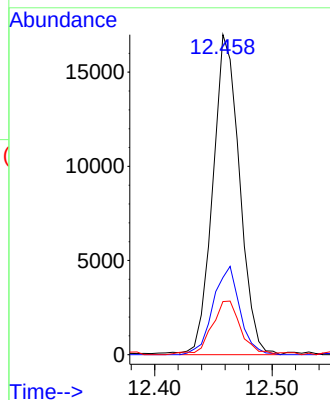
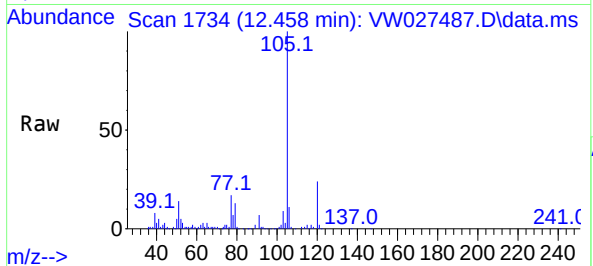




#60
Isopropylbenzene
Concen: 0.569 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

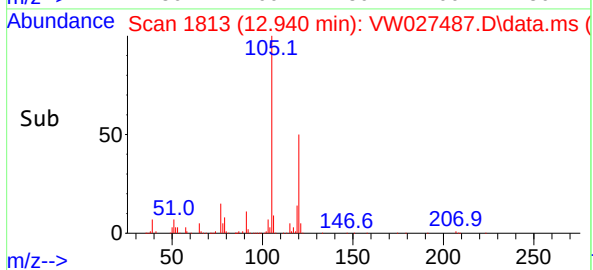
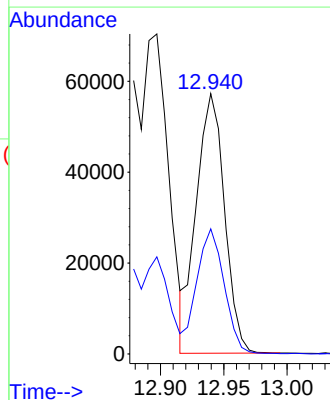
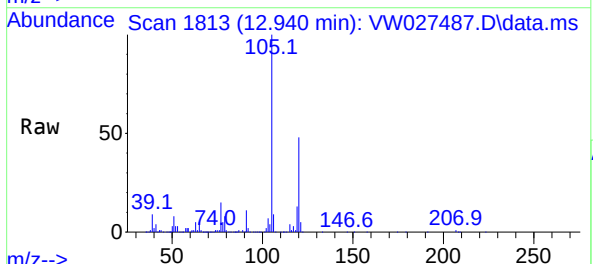
Instrument :
MSVOA_W
ClientSampleId :

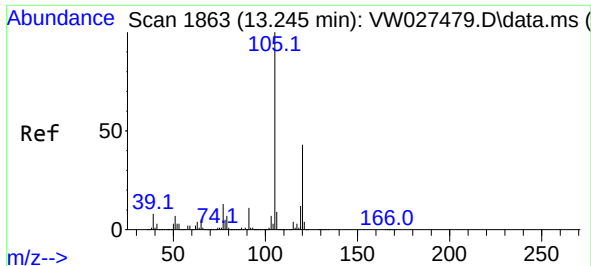
Tgt Ion:105 Resp: 26781
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 16.6 12.9 19.3



#62
1,3,5-Trimethylbenzene
Concen: 2.262 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.001 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Tgt Ion:105 Resp: 88778
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2





#63

1,2,4-Trimethylbenzene

Concen: 10.268 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027487.D

Acq: 31 Oct 2023 16:02

Instrument :

MSVOA_W

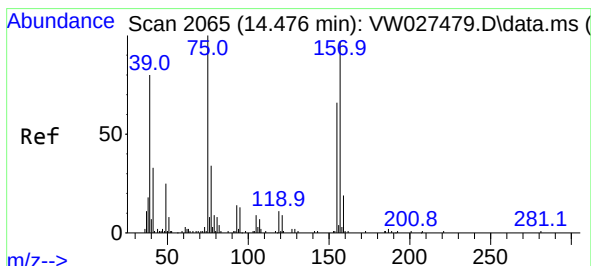
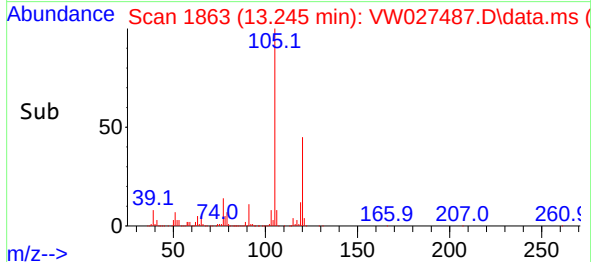
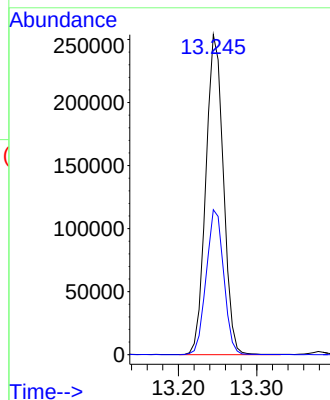
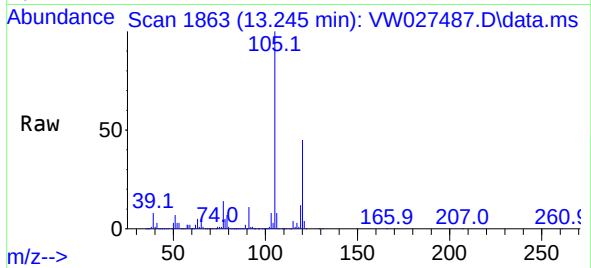
ClientSampleId :

Tgt Ion:105 Resp: 394290

Ion Ratio Lower Upper

105 100

120 45.1 35.4 53.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.772 ug/L

RT: 14.677 min Scan# 2098

Delta R.T. 0.195 min

Lab File: VW027487.D

Acq: 31 Oct 2023 16:02

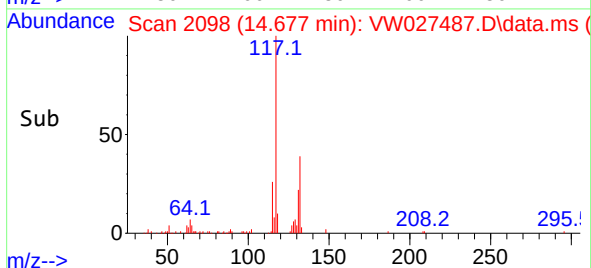
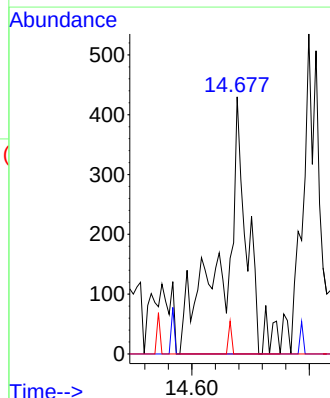
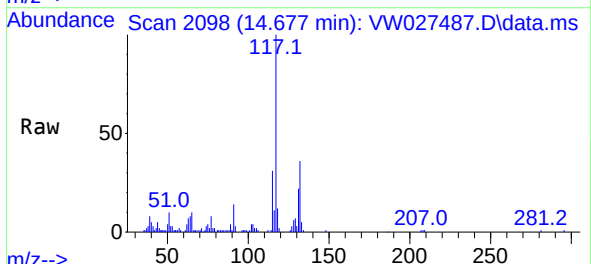
Tgt Ion: 75 Resp: 1262

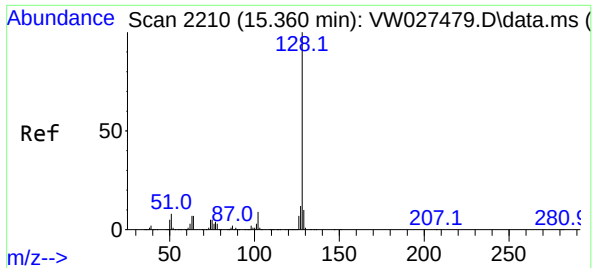
Ion Ratio Lower Upper

75 100

155 0.0 54.9 82.3#

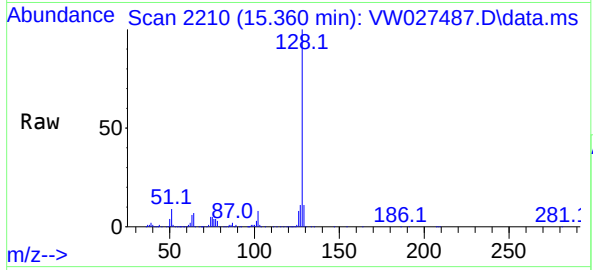
157 0.0 64.7 97.1#





#71
Naphthalene
Concen: 4.394 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027487.D
Acq: 31 Oct 2023 16:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 95254
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.3 8.5 12.7

