

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030126.D
 Acq On : 10 Sep 2024 12:40
 Operator : SY/MD
 Sample : P3900-01
 Misc : 6.31g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCVZ0

Quant Time: Sep 11 01:36:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 01:35:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	123826	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	103797	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	33650	25.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	31430	17.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
7) Chloroethane-d5	2.899	69	22042	16.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	4.009	65	14242	18.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.360%
21) 2-Butanone-d5	7.081	46	22630	61.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.220%
24) Chloroform-d	7.648	84	66572	19.936	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.760%
26) 1,2-Dichloroethane-d4	8.307	65	38549	22.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.276	84	126260	20.608	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	9.270	67	41005	22.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.325	98	107192	19.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.575	79	16074	21.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.080%
47) 2-Hexanone-d5	10.922	63	19458	70.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.660%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	40125	30.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	21186	17.406	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.640%#

Target Compounds

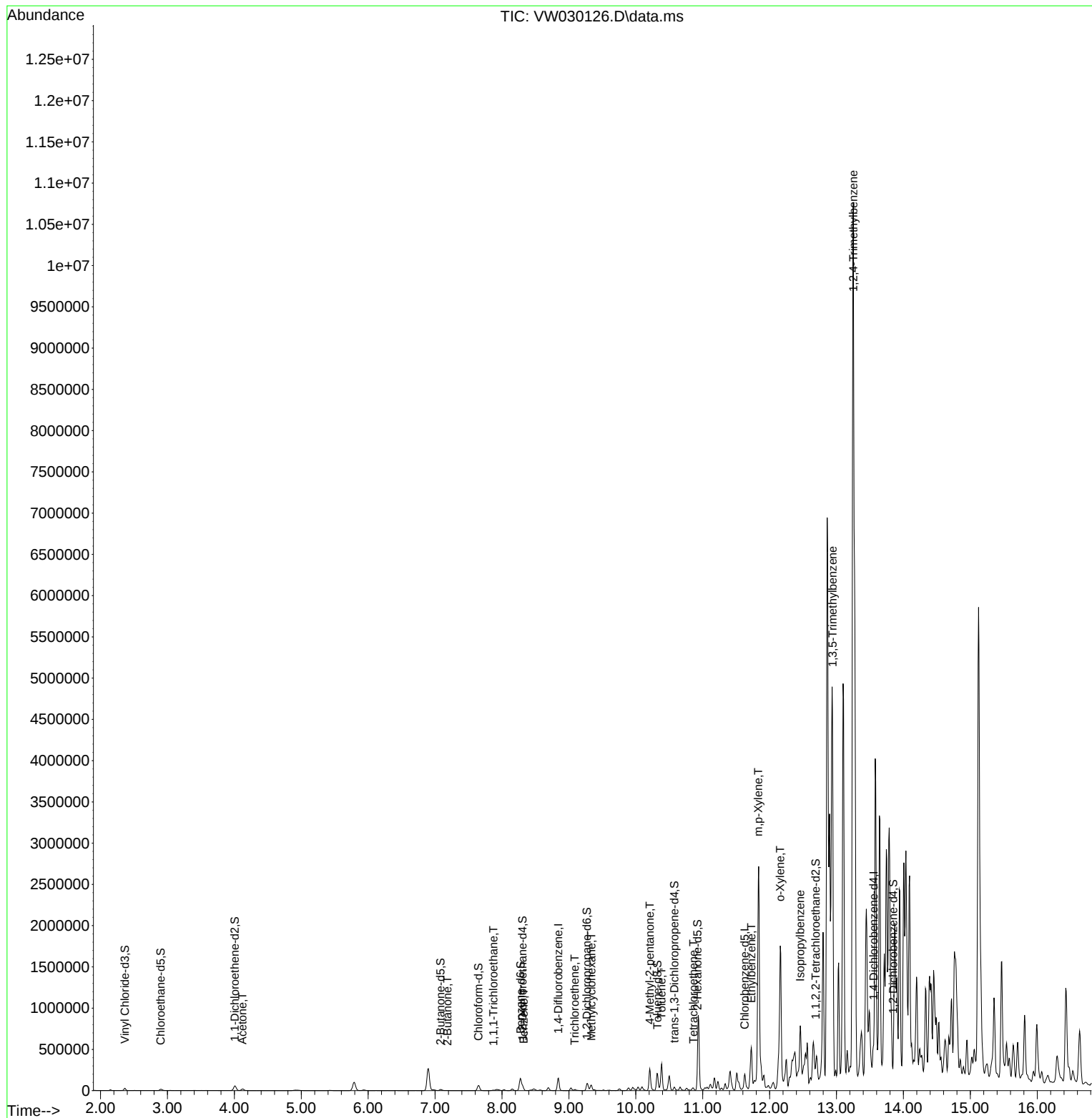
						Qvalue
13) Acetone	4.119	43	33494	99.692	ug/L	100
22) 2-Butanone	7.185	43	1754	3.648	ug/L #	61
30) 1,1,1-Trichloroethane	7.874	97	4571	1.880	ug/L	100
33) Benzene	8.325	78	4229	0.636	ug/L	100
34) Trichloroethene	9.087	95	3804	2.124	ug/L	97
35) Methylcyclohexane	9.337	83	22680	7.733	ug/L #	80
40) 4-Methyl-2-pentanone	10.209	43	171512	204.599	ug/L	95
42) Toluene	10.386	91	227245	32.087	ug/L	99
46) Tetrachloroethene	10.861	164	4061	2.988	ug/L	95
52) Ethylbenzene	11.727	91	309675	38.591	ug/L	95
53) m,p-Xylene	11.831	106	483671	161.512	ug/L	98
54) o-Xylene	12.160	106	418955	145.761	ug/L	98
60) Isopropylbenzene	12.458	105	432673	80.594	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1913010	479.241	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	5604513	1332.057	ug/L	99

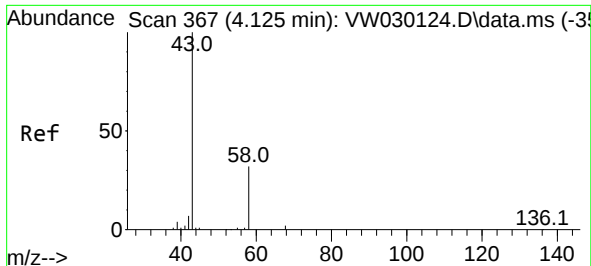
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030126.D
Acq On : 10 Sep 2024 12:40
Operator : SY/MD
Sample : P3900-01
Misc : 6.31g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCVZ0

Quant Time: Sep 11 01:36:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 01:35:57 2024
Response via : Initial Calibration

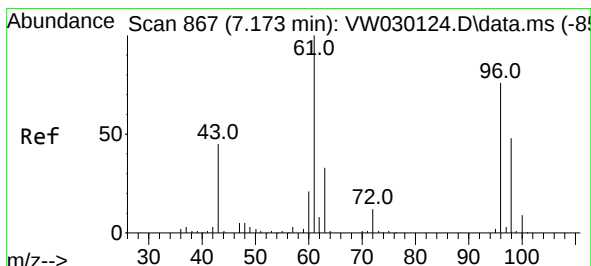
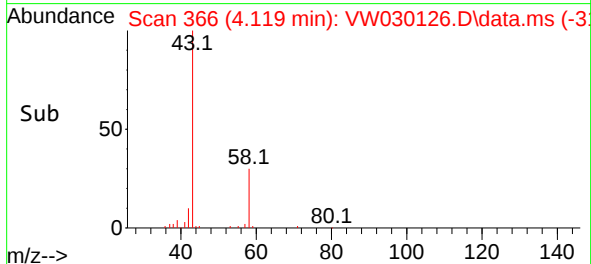
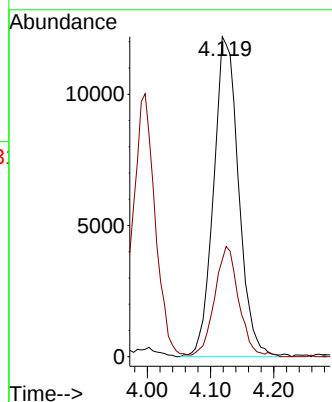
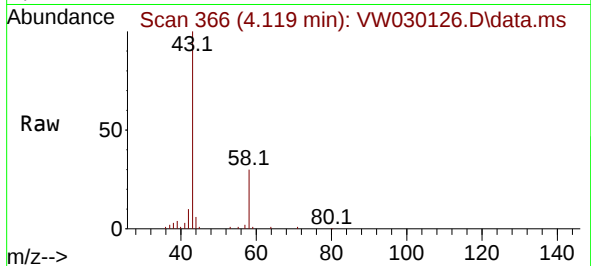




#13
Acetone
Concen: 99.692 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

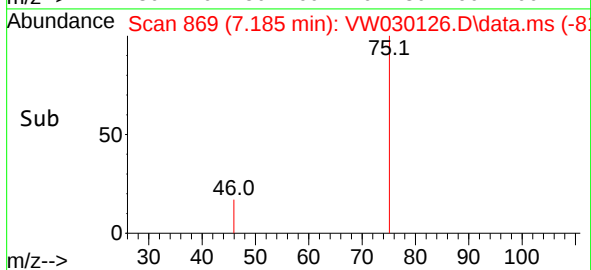
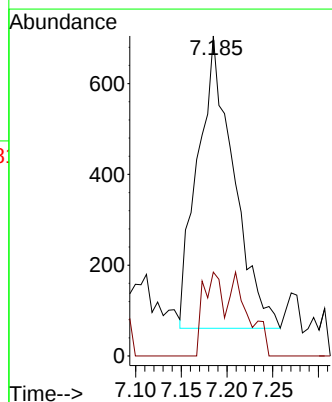
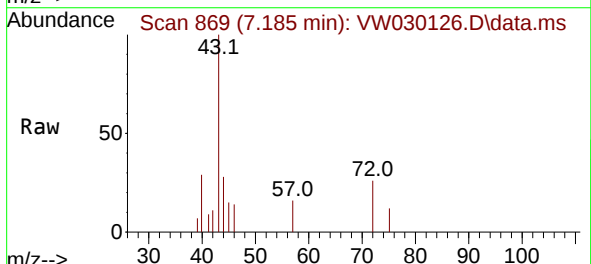
Instrument :
MSVOA_W
ClientSampleId :
DCVZ0

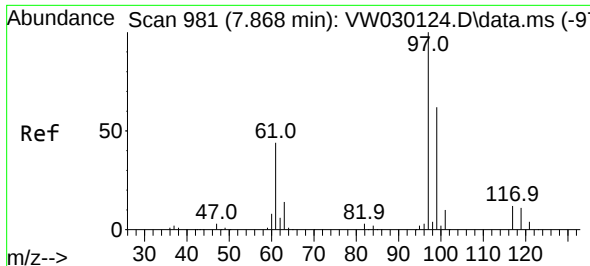
Tgt Ion: 43 Resp: 33494
Ion Ratio Lower Upper
43 100
58 33.0 0.0 66.4



#22
2-Butanone
Concen: 3.648 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
72 9.1 15.0 45.1#

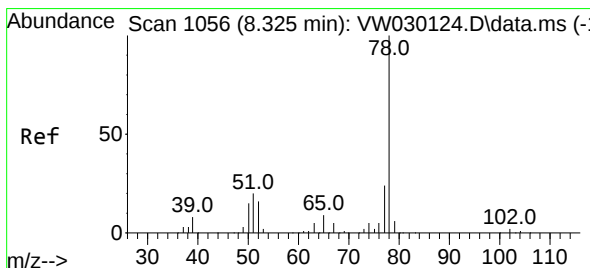
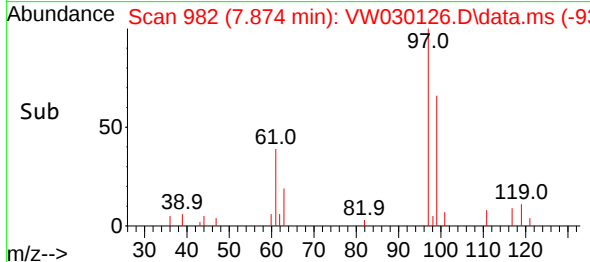
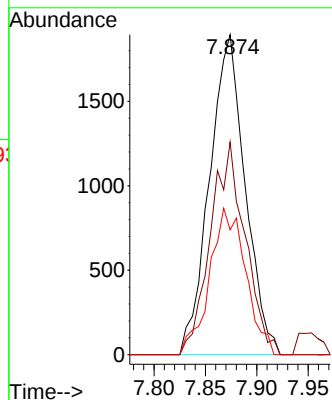
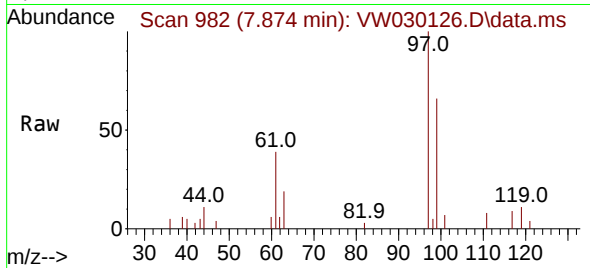




#30
1,1,1-Trichloroethane
Concen: 1.880 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

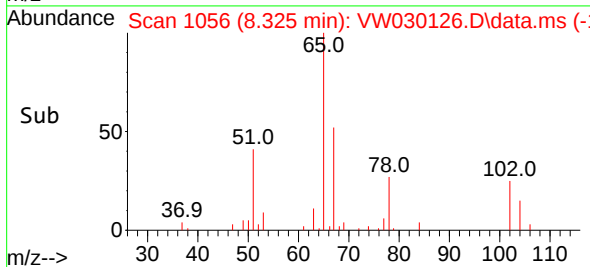
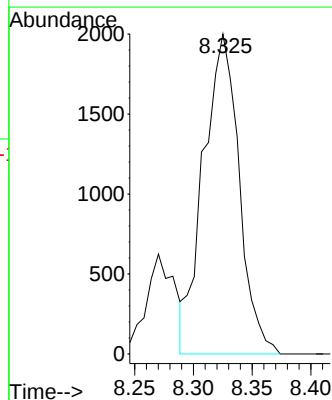
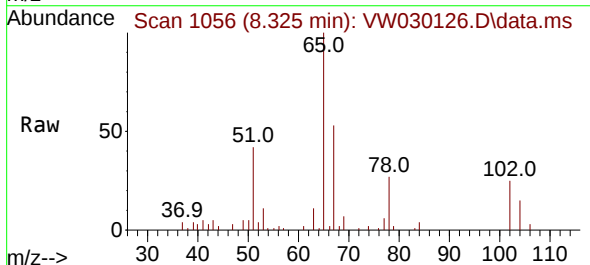
Instrument :
MSVOA_W
ClientSampleId :
DCVZ0

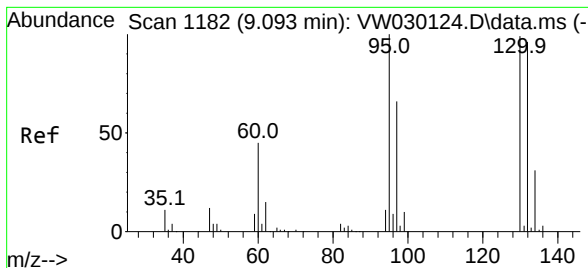
Tgt Ion: 97 Resp: 4571
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 46.2 37.2 55.8



#33
Benzene
Concen: 0.636 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

Tgt Ion: 78 Resp: 4229





#34

Trichloroethene

Concen: 2.124 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030126.D

Acq: 10 Sep 2024 12:40

Instrument :

MSVOA_W

ClientSampleId :

DCVZ0

Tgt Ion: 95 Resp: 3804

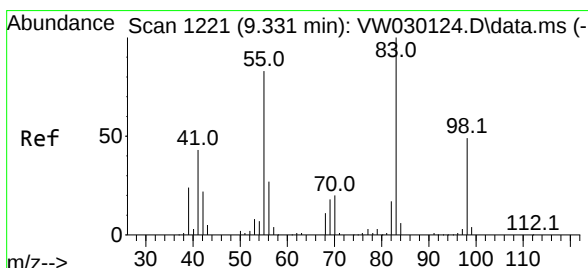
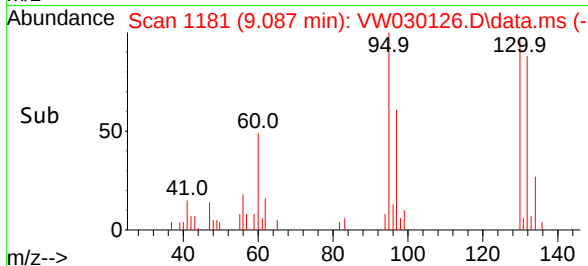
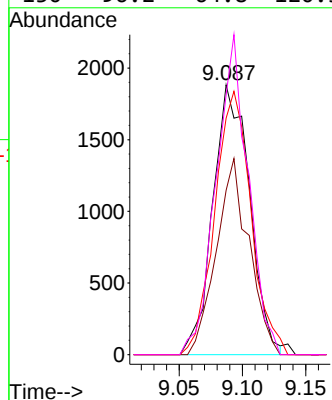
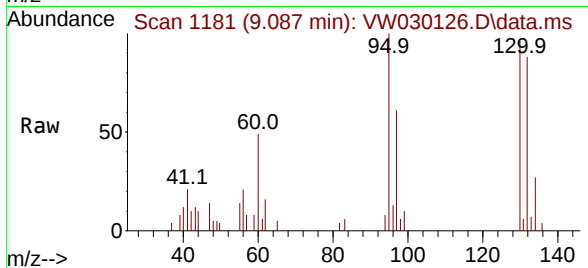
Ion Ratio Lower Upper

95 100

97 60.9 43.3 80.5

132 87.6 63.6 118.0

130 96.2 64.8 120.3



#35

Methylcyclohexane

Concen: 7.733 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030126.D

Acq: 10 Sep 2024 12:40

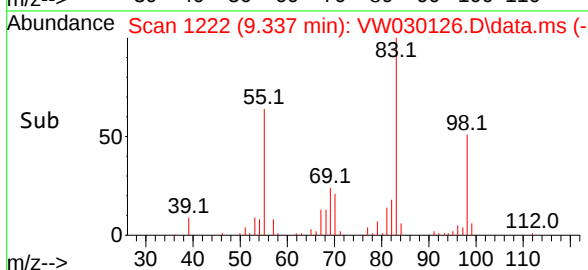
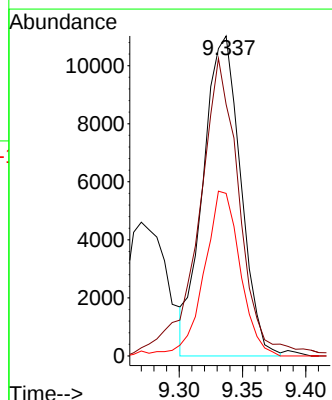
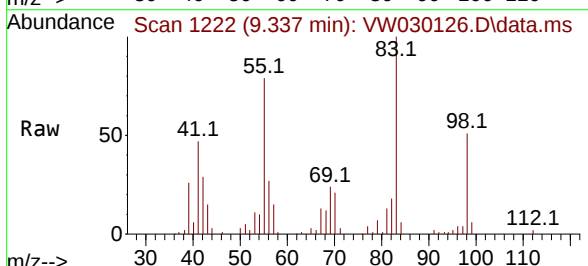
Tgt Ion: 83 Resp: 22680

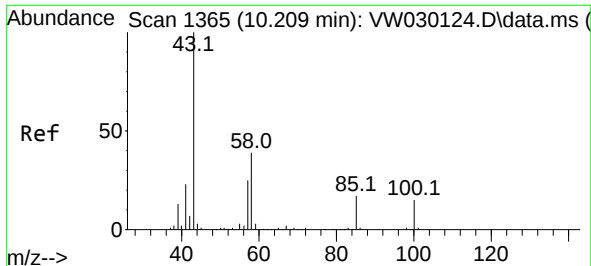
Ion Ratio Lower Upper

83 100

55 100.6 59.0 88.6#

98 49.5 38.2 57.4

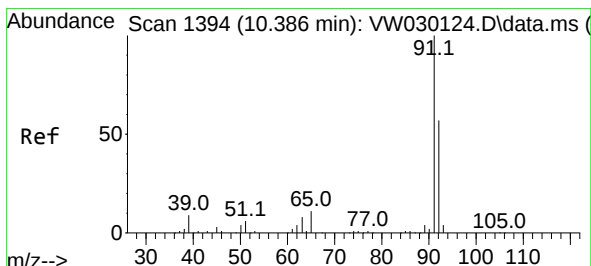
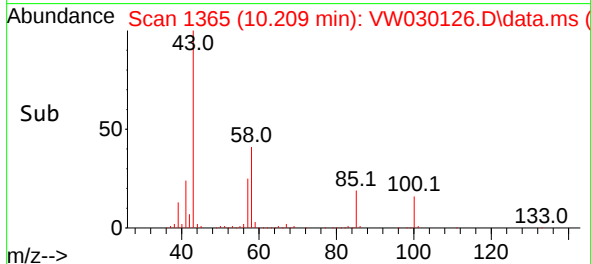
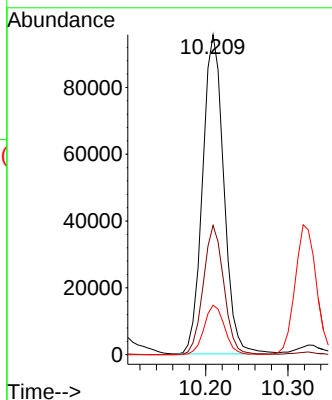
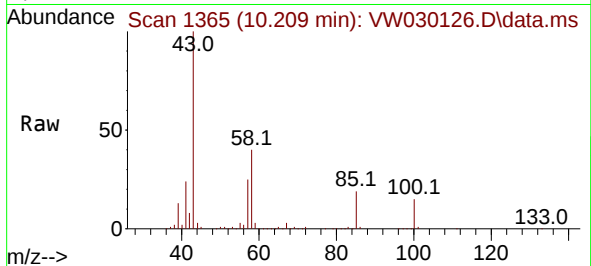




#40
4-Methyl-2-pentanone
Concen: 204.599 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

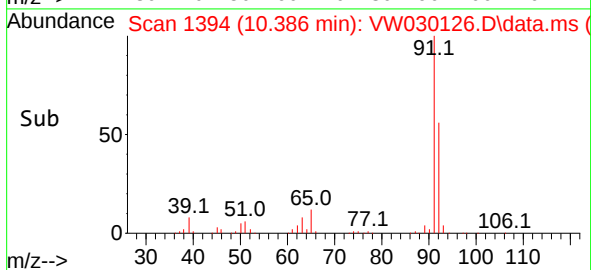
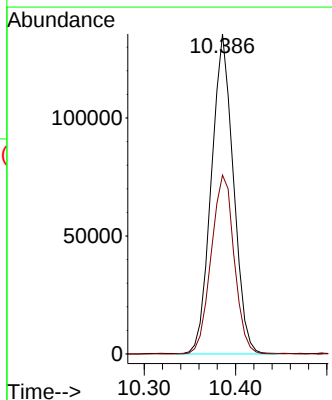
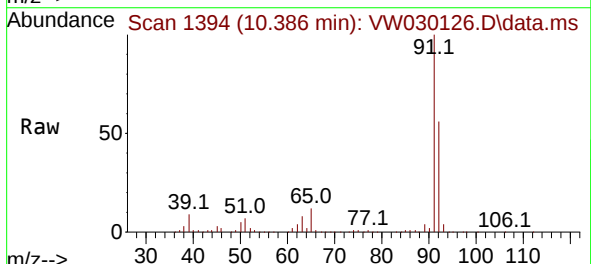
Instrument :
MSVOA_W
ClientSampleId :
DCVZ0

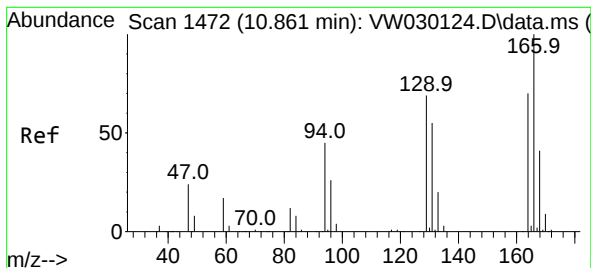
Tgt Ion: 43 Resp: 171512
Ion Ratio Lower Upper
43 100
58 39.4 34.0 51.0
100 15.0 13.5 20.3



#42
Toluene
Concen: 32.087 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030126.D
Acq: 10 Sep 2024 12:40

Tgt Ion: 91 Resp: 227245
Ion Ratio Lower Upper
91 100
92 55.9 39.5 73.4





#46

Tetrachloroethene

Concen: 2.988 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030126.D

Acq: 10 Sep 2024 12:40

Instrument :

MSVOA_W

ClientSampleId :

DCVZ0

Tgt Ion:164 Resp: 4061

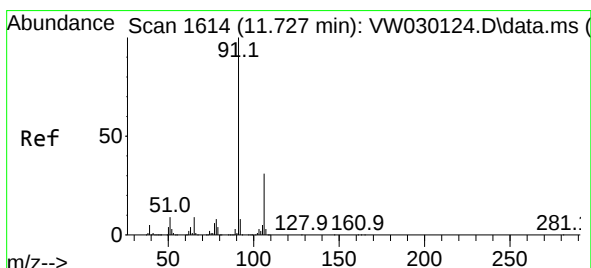
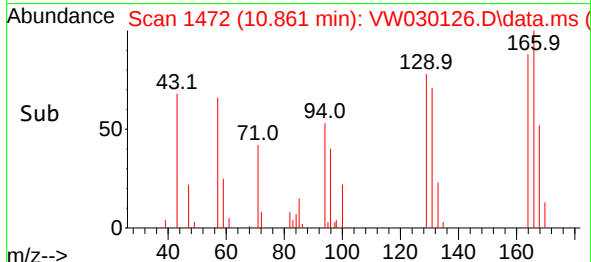
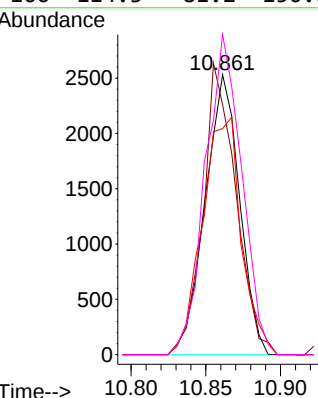
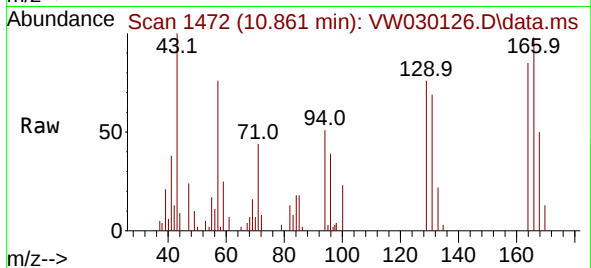
Ion Ratio Lower Upper

164 100

129 89.3 66.1 122.7

131 80.7 62.6 116.2

166 114.3 81.2 150.8



#52

Ethylbenzene

Concen: 38.591 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030126.D

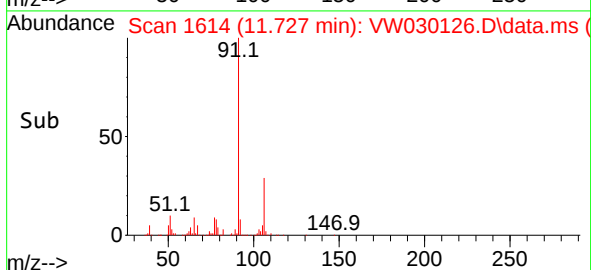
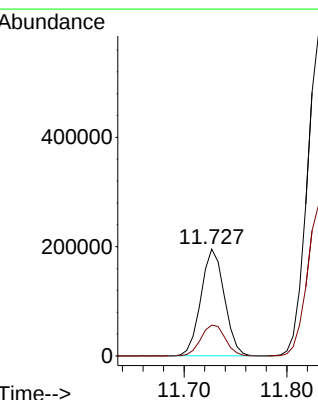
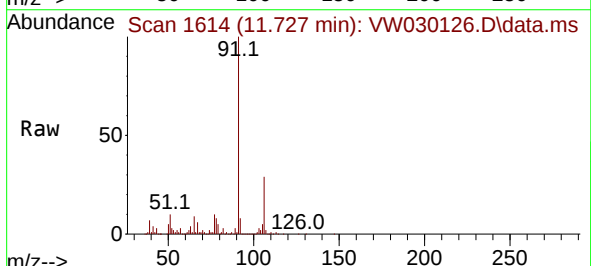
Acq: 10 Sep 2024 12:40

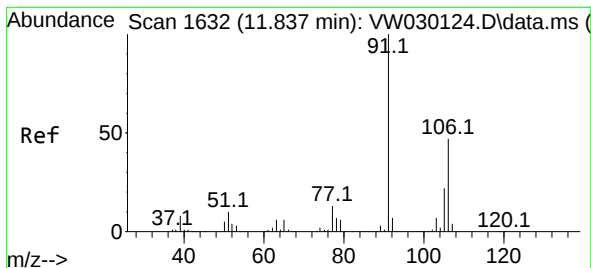
Tgt Ion: 91 Resp: 309675

Ion Ratio Lower Upper

91 100

106 28.9 22.0 41.0





#53

m,p-Xylene

Concen: 161.512 ug/L

RT: 11.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030126.D

Acq: 10 Sep 2024 12:40

Instrument :

MSVOA_W

ClientSampleId :

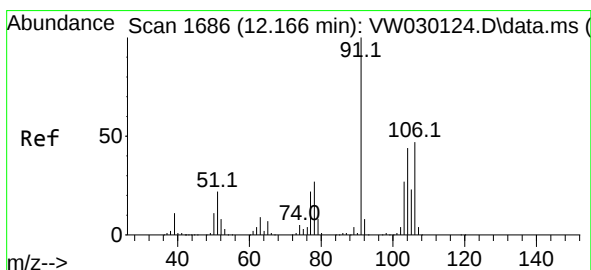
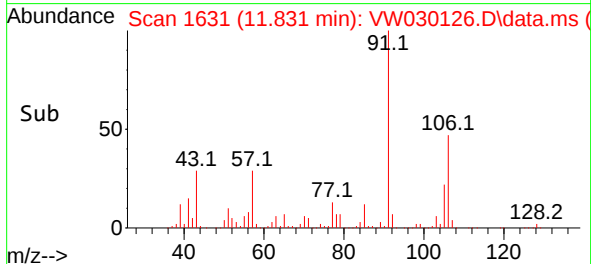
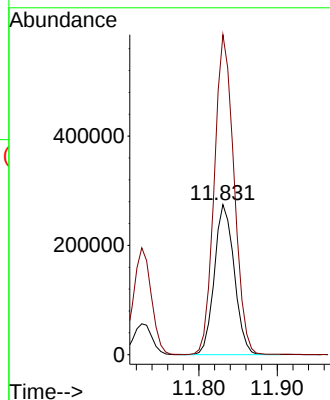
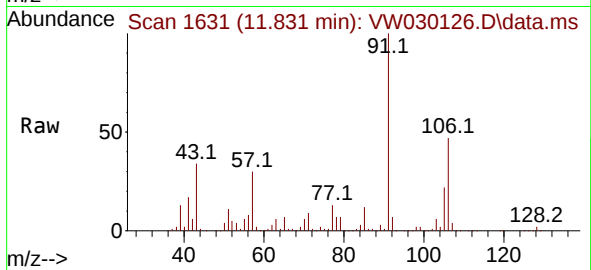
DCVZ0

Tgt Ion:106 Resp: 483671

Ion Ratio Lower Upper

106 100

91 213.2 146.7 272.4



#54

o-Xylene

Concen: 145.761 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030126.D

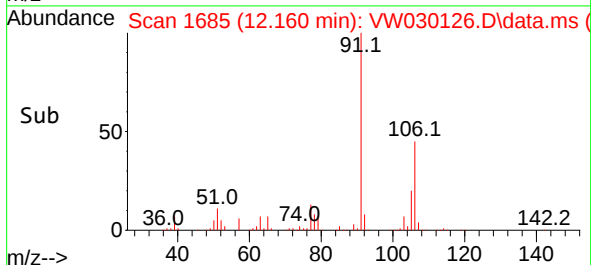
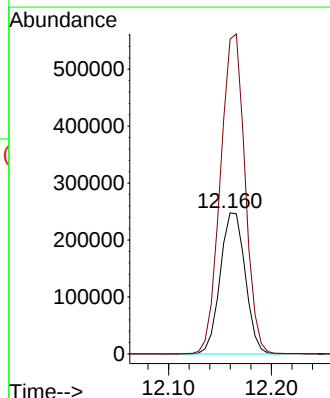
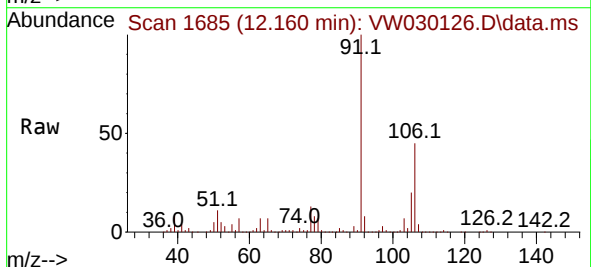
Acq: 10 Sep 2024 12:40

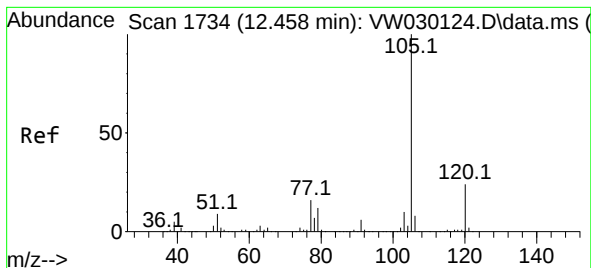
Tgt Ion:106 Resp: 418955

Ion Ratio Lower Upper

106 100

91 223.2 153.9 285.7





#60

Isopropylbenzene

Concen: 80.594 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030126.D

Acq: 10 Sep 2024 12:40

Instrument :

MSVOA_W

ClientSampleId :

DCVZ0

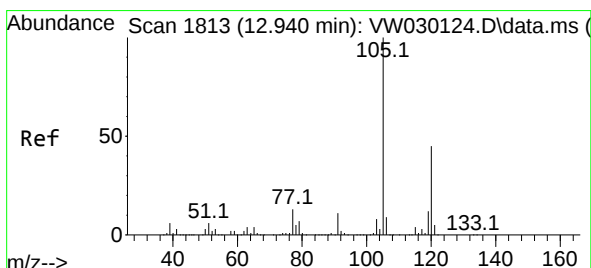
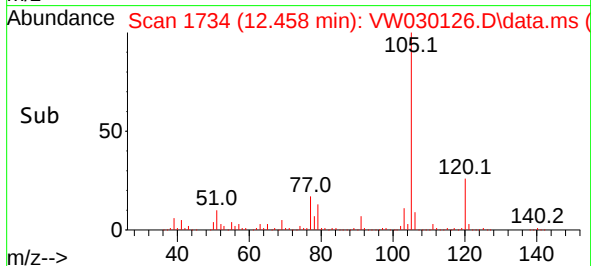
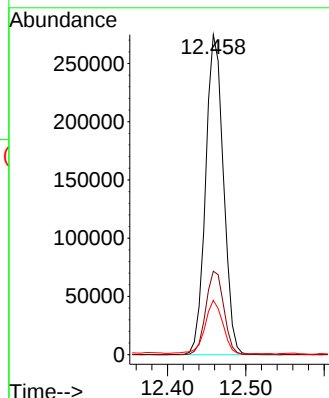
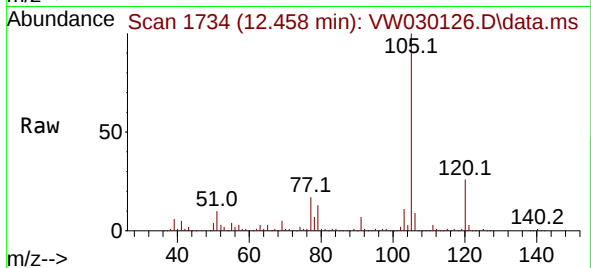
Tgt Ion:105 Resp: 432673

Ion Ratio Lower Upper

105 100

120 26.5 20.6 30.8

77 17.2 12.6 18.8



#62

1,3,5-Trimethylbenzene

Concen: 479.241 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030126.D

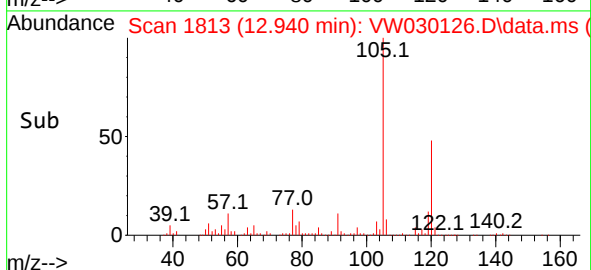
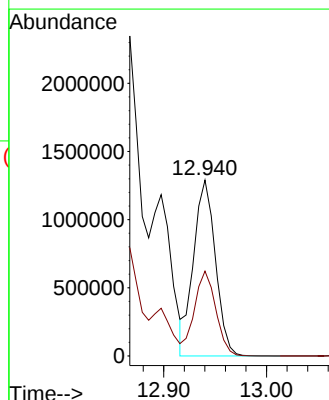
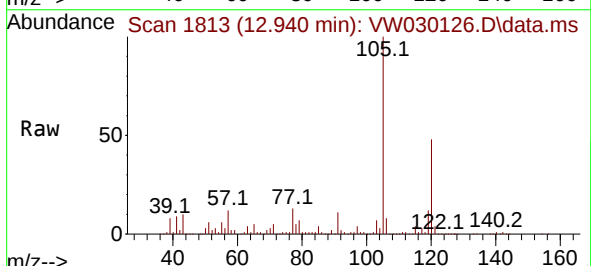
Acq: 10 Sep 2024 12:40

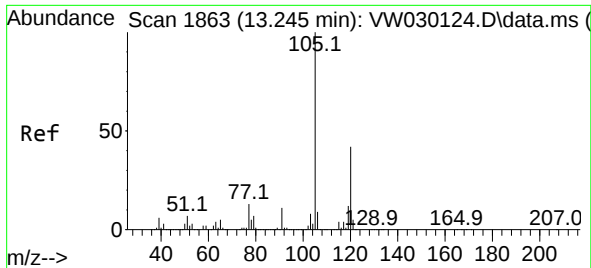
Tgt Ion:105 Resp: 1913010

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 1332.057 ug/L
 RT: 13.251 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW030126.D
 Acq: 10 Sep 2024 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 DCVZ0

Tgt Ion:105 Resp: 5604513
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.3 54.5

