

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030146.D
 Acq On : 19 Sep 2024 14:34
 Operator : SY/MD
 Sample : P4083-09
 Misc : 5.14g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 01:21:33 2024
 Response via : Initial Calibration

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

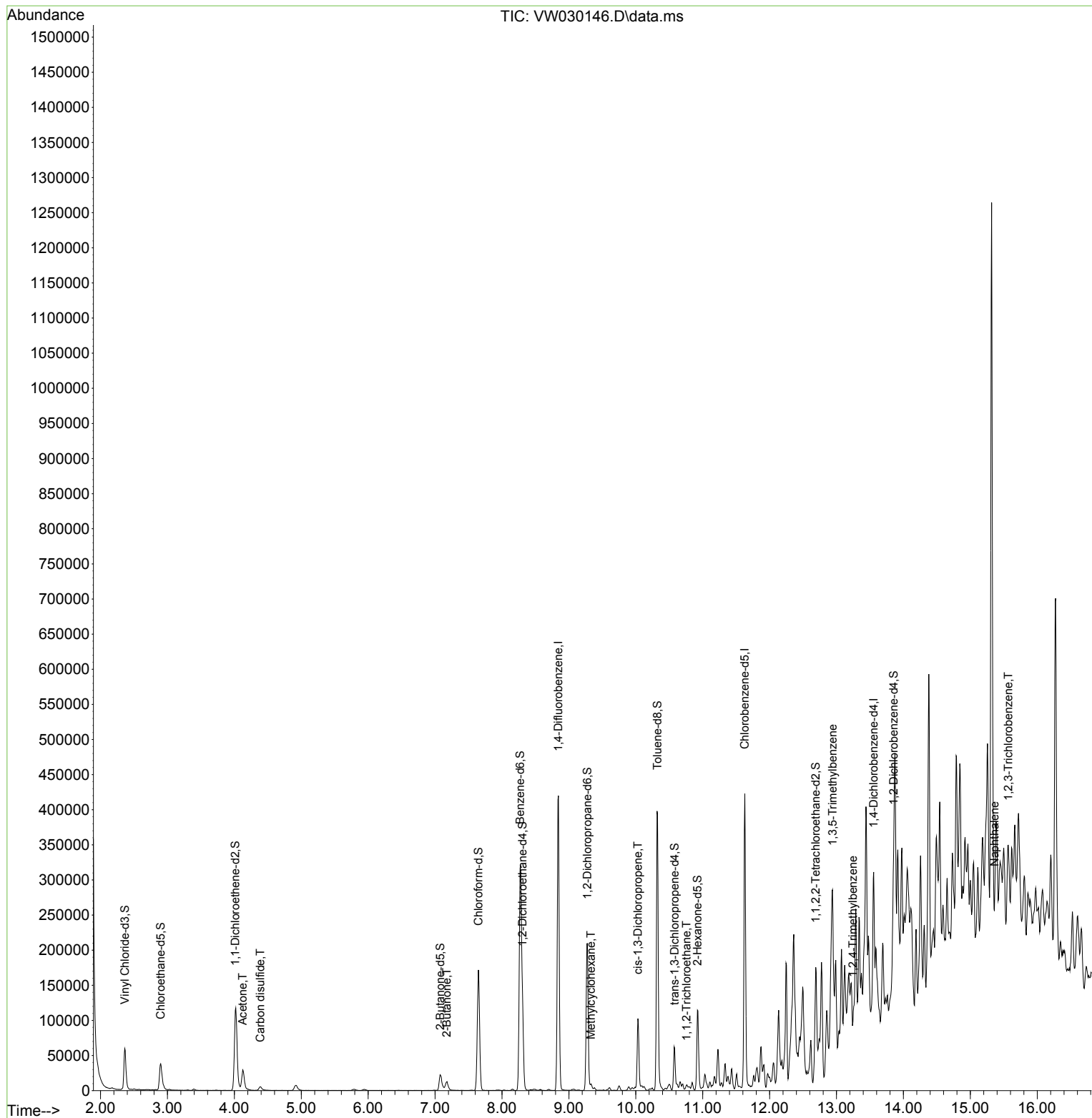
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	350129	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	227399	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	54962	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	77798	17.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.840%
7) Chloroethane-d5	2.899	69	58894	18.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	4.015	65	38911	17.223	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.880%
21) 2-Butanone-d5	7.075	46	39081	35.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.380%
24) Chloroform-d	7.648	84	174202	18.095	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	8.306	65	90689	18.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.040%
32) Benzene-d6	8.270	84	334529	25.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.276	67	103232	25.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.324	98	256585	21.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	10.580	79	35703	22.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.120%
47) 2-Hexanone-d5	10.922	63	31861	51.478	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56249	18.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.720%
66) 1,2-Dichlorobenzene-d4	13.854	152	34173	18.316	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.280%#
Target Compounds						Qvalue
13) Acetone	4.124	43	48601	38.691	ug/L	100
14) Carbon disulfide	4.386	76	11673	0.983	ug/L #	92
22) 2-Butanone	7.172	43	20445	13.750	ug/L	95
35) Methylcyclohexane	9.331	83	2128	0.368	ug/L	96
39) cis-1,3-Dichloropropene	10.032	75	2492	0.452	ug/L #	76
45) 1,1,2-Trichloroethane	10.757	97	1860	0.678	ug/L #	31
62) 1,3,5-Trimethylbenzene	12.940	105	2228	0.376	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	4421	0.717	ug/L	95
71) Naphthalene	15.360	128	1795	0.487	ug/L #	78
72) 1,2,3-Trichlorobenzene	15.567	180	1312	0.738	ug/L #	1

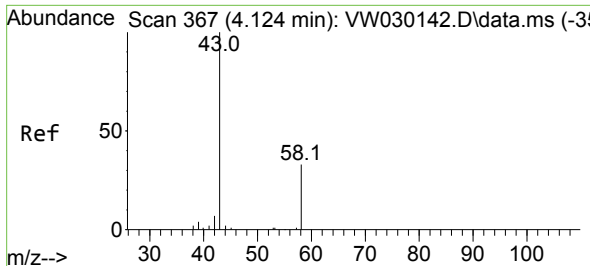
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 20 01:21:33 2024
Response via : Initial Calibration





#13

Acetone

Concen: 38.691 ug/L

RT: 4.124 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030146.D

Acq: 19 Sep 2024 14:34

Instrument :

MSVOA_W

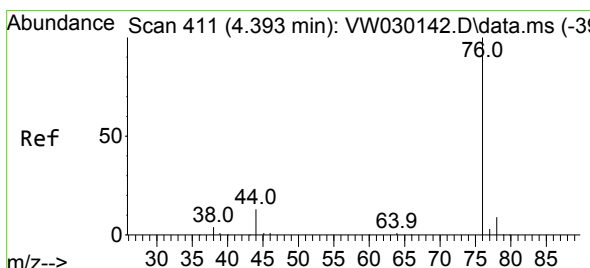
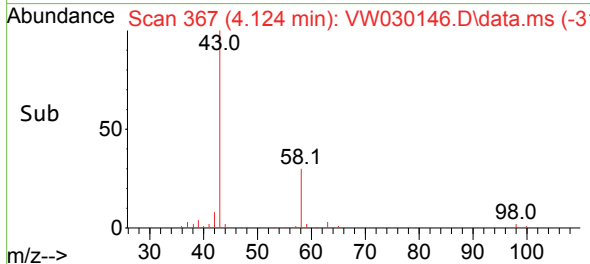
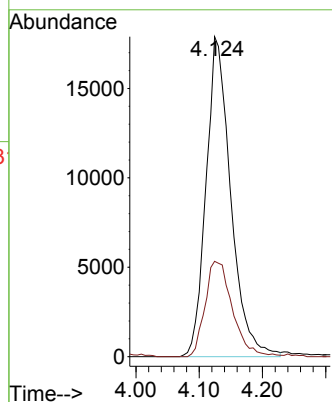
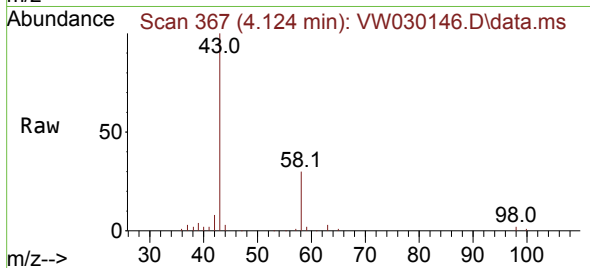
ClientSampleId :

Tgt Ion: 43 Resp: 48601

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.0



#14

Carbon disulfide

Concen: 0.983 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW030146.D

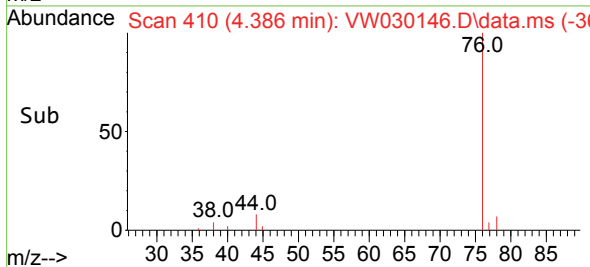
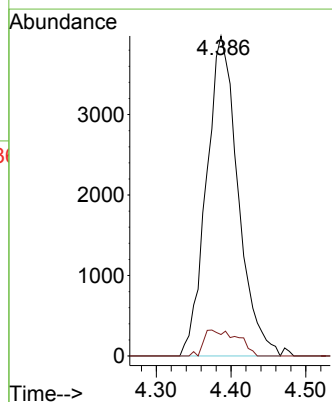
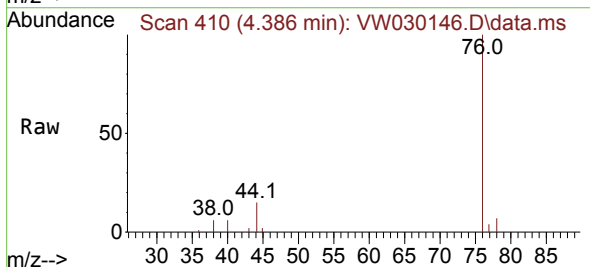
Acq: 19 Sep 2024 14:34

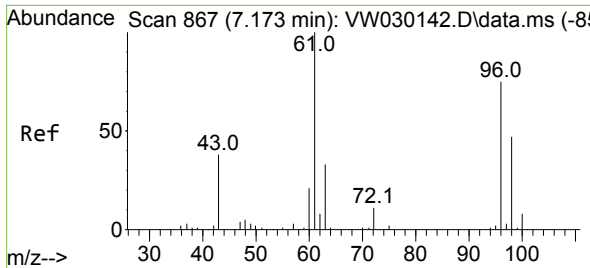
Tgt Ion: 76 Resp: 11673

Ion Ratio Lower Upper

76 100

78 6.7 7.6 11.4#

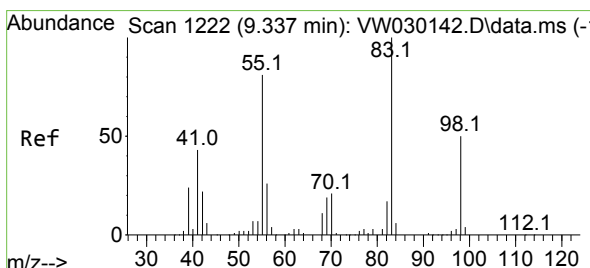
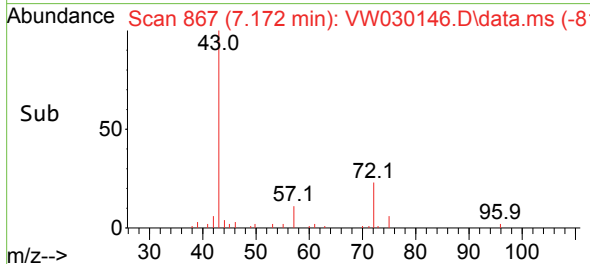
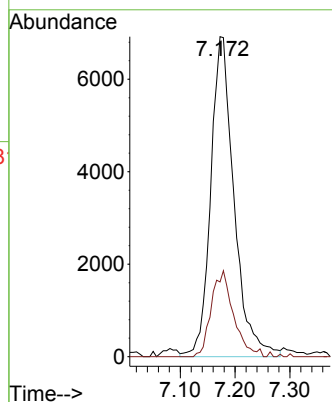
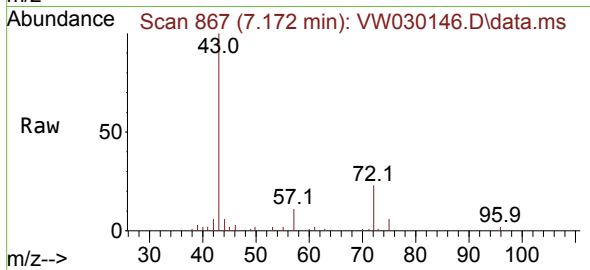




#22
2-Butanone
Concen: 13.750 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030146.D
Acq: 19 Sep 2024 14:34

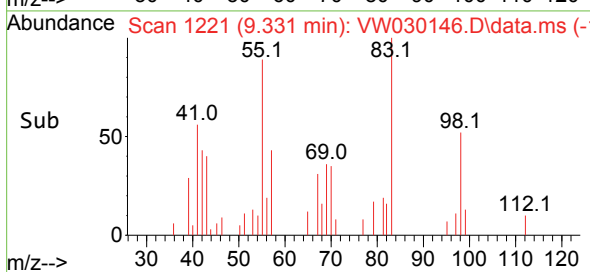
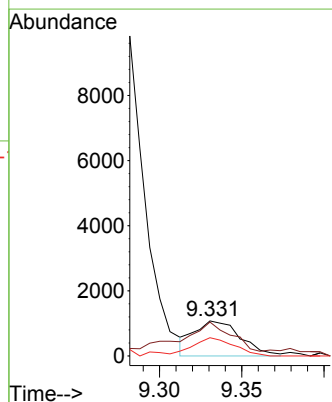
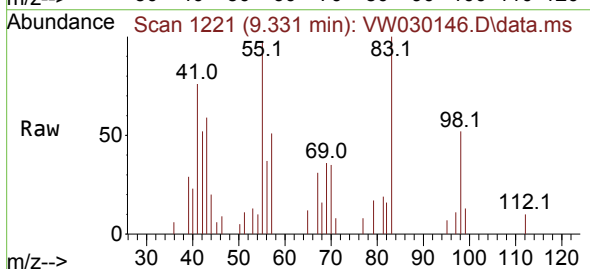
Instrument :
MSVOA_W
ClientSampleId :

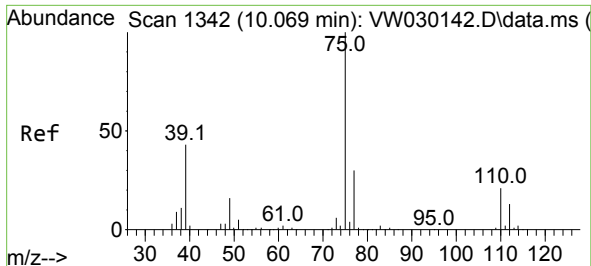
Tgt Ion: 43 Resp: 20445
Ion Ratio Lower Upper
43 100
72 25.3 13.9 41.7



#35
Methylcyclohexane
Concen: 0.368 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW030146.D
Acq: 19 Sep 2024 14:34

Tgt Ion: 83 Resp: 2128
Ion Ratio Lower Upper
83 100
55 82.9 63.0 94.6
98 45.7 38.7 58.1





#39

cis-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 10.032 min Scan# 1

Delta R.T. -0.037 min

Lab File: VW030146.D

Acq: 19 Sep 2024 14:34

Instrument :

MSVOA_W

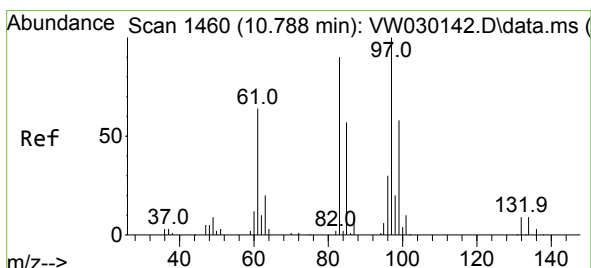
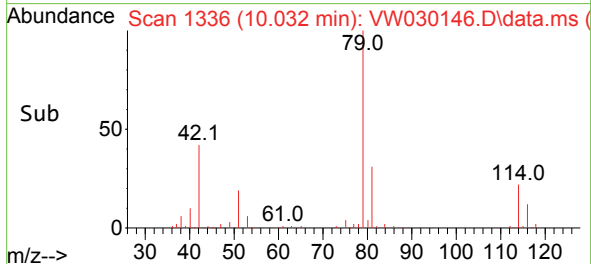
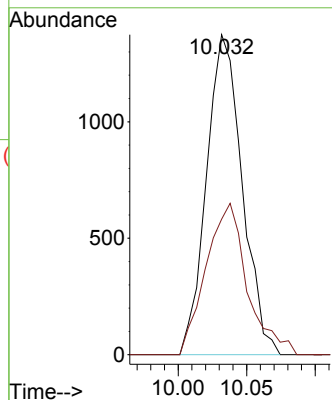
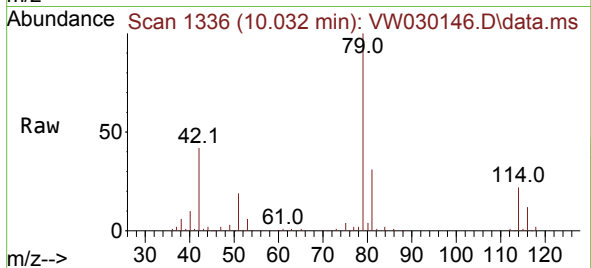
ClientSampleId :

Tgt Ion: 75 Resp: 2492

Ion Ratio Lower Upper

75 100

77 42.4 20.7 38.5#



#45

1,1,2-Trichloroethane

Concen: 0.678 ug/L

RT: 10.757 min Scan# 1455

Delta R.T. -0.031 min

Lab File: VW030146.D

Acq: 19 Sep 2024 14:34

Tgt Ion: 97 Resp: 1860

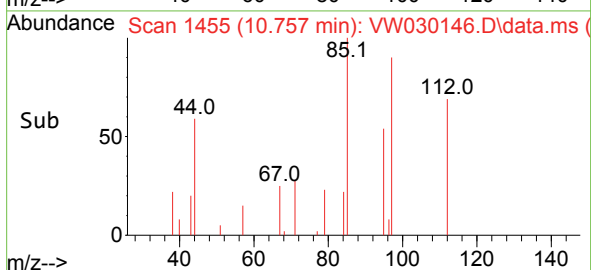
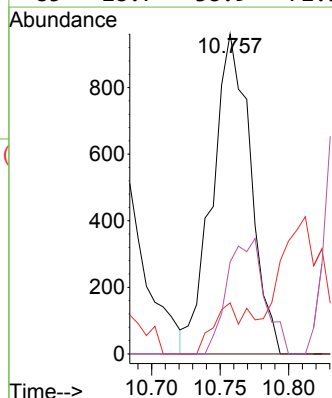
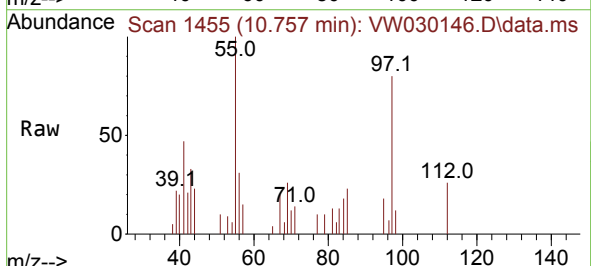
Ion Ratio Lower Upper

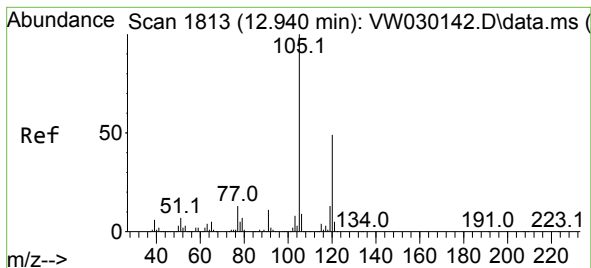
97 100

99 0.0 45.6 84.8#

83 15.9 64.0 119.0#

85 28.7 38.9 72.3#

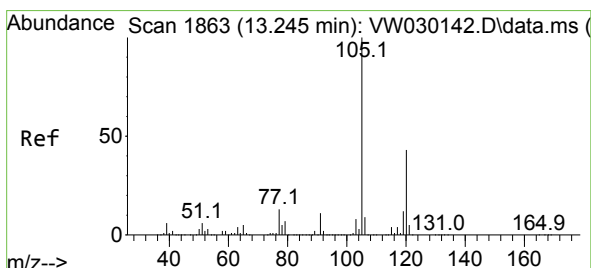
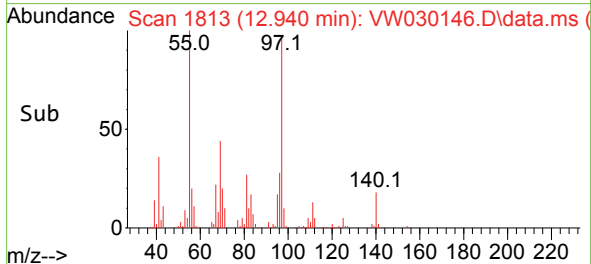
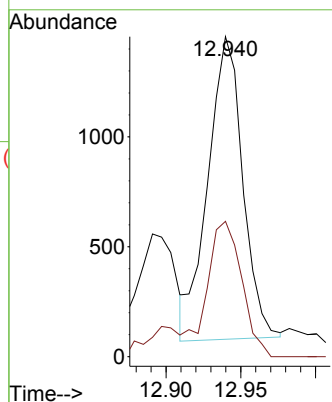
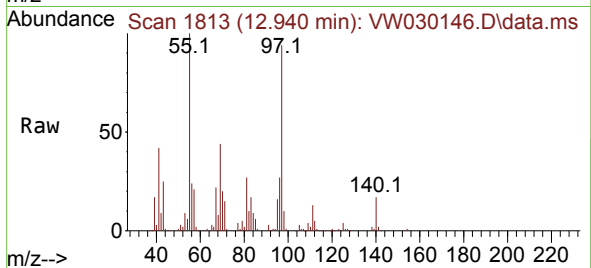




#62
1,3,5-Trimethylbenzene
Concen: 0.376 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030146.D
Acq: 19 Sep 2024 14:34

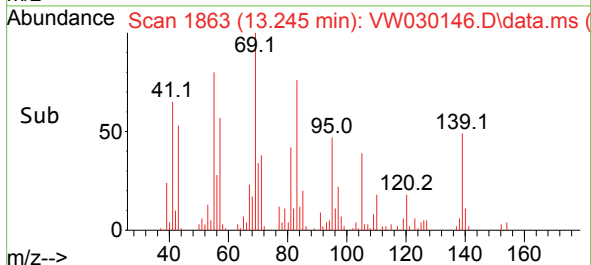
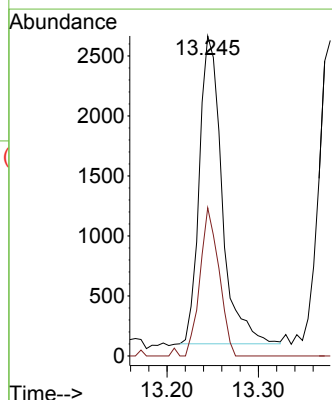
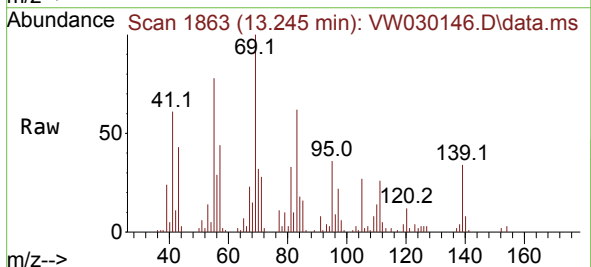
Instrument :
MSVOA_W
ClientSampleId :

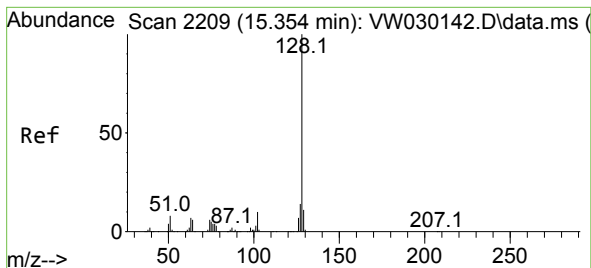
Tgt Ion:105 Resp: 2228
Ion Ratio Lower Upper
105 100
120 40.9 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 0.717 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030146.D
Acq: 19 Sep 2024 14:34

Tgt Ion:105 Resp: 4421
Ion Ratio Lower Upper
105 100
120 40.2 34.8 52.2





#71

Naphthalene

Concen: 0.487 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030146.D

Acq: 19 Sep 2024 14:34

Instrument :

MSVOA_W

ClientSampleId :

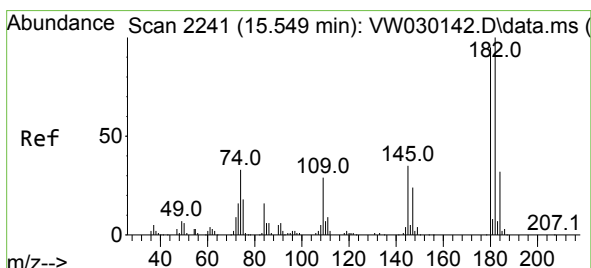
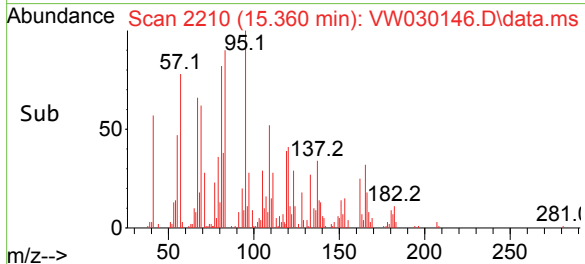
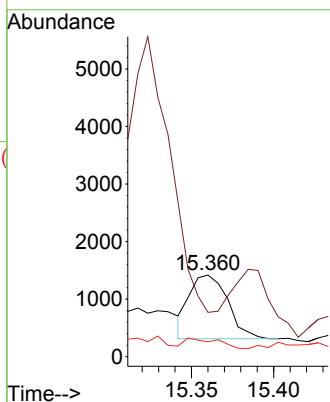
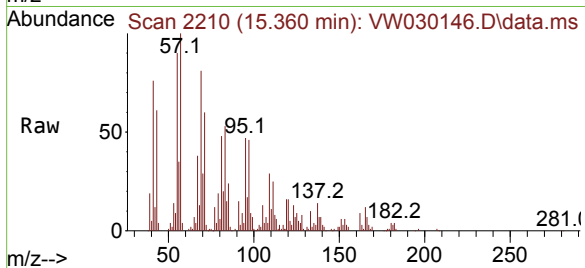
Tgt Ion:128 Resp: 1795

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 6.5 8.4 12.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.738 ug/L

RT: 15.567 min Scan# 2244

Delta R.T. 0.018 min

Lab File: VW030146.D

Acq: 19 Sep 2024 14:34

Tgt Ion:180 Resp: 1312

Ion Ratio Lower Upper

180 100

182 74.2 76.4 114.6#

145 246.0 26.2 39.4#

