

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092324\
 Data File : VW030205.D
 Acq On : 23 Sep 2024 17:17
 Operator : SY/MD
 Sample : P4131-07
 Misc : 5.25g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:20:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 24 01:15:59 2024
 Response via : Initial Calibration

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

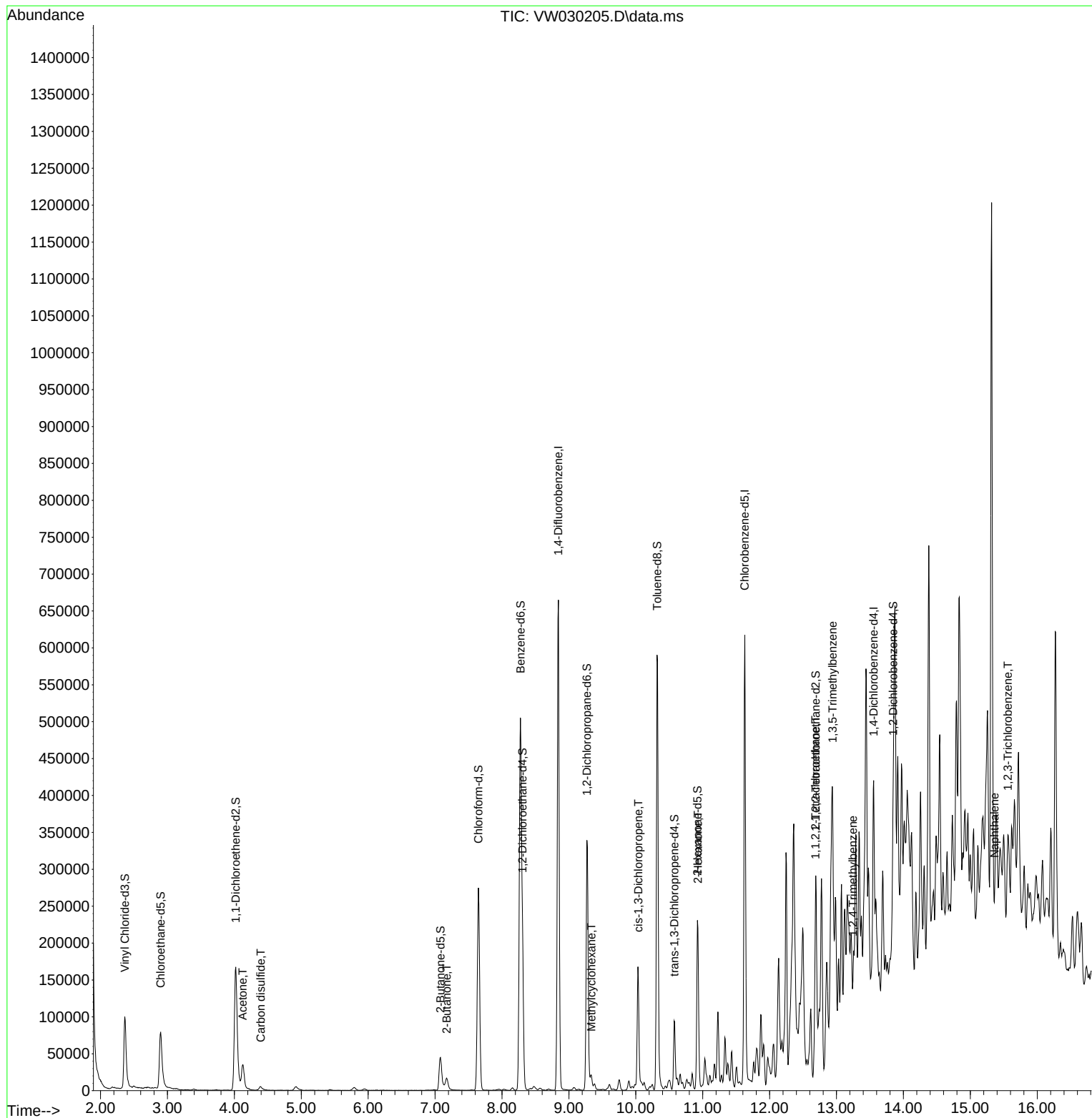
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	550558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	333887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	149622	21.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
7) Chloroethane-d5	2.899	69	126609	25.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.021	65	61623	17.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.400%
21) 2-Butanone-d5	7.081	46	76934	44.687	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
24) Chloroform-d	7.648	84	280232	18.512	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.040%
26) 1,2-Dichloroethane-d4	8.307	65	154615	20.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.360%
32) Benzene-d6	8.276	84	517394	26.899	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	9.270	67	159929	26.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.720%
41) Toluene-d8	10.319	98	377876	21.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.575	79	53461	22.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.880%
47) 2-Hexanone-d5	10.922	63	65742	72.343	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.680%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92765	20.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	48347	19.450	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.800%
Target Compounds						Qvalue
13) Acetone	4.125	43	56946	28.831	ug/L	99
14) Carbon disulfide	4.393	76	10599	0.568	ug/L	95
22) 2-Butanone	7.173	43	24314	10.399	ug/L	98
35) Methylcyclohexane	9.337	83	5105	0.601	ug/L #	60
39) cis-1,3-Dichloropropene	10.038	75	4577	0.565	ug/L #	58
48) 2-Hexanone	10.928	43	31336	14.413	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	12.684	83	6843	1.424	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.940	105	3027	0.383	ug/L	92
63) 1,2,4-Trimethylbenzene	13.245	105	7372	0.897	ug/L	95
71) Naphthalene	15.360	128	2102	0.428	ug/L #	78
72) 1,2,3-Trichlorobenzene	15.562	180	1566	0.661	ug/L #	1

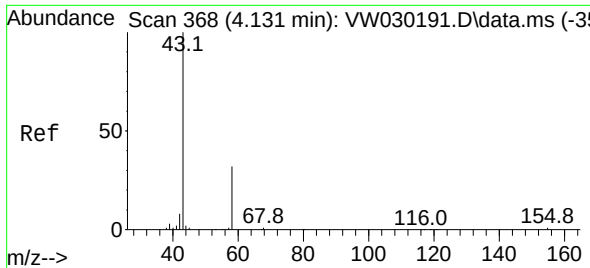
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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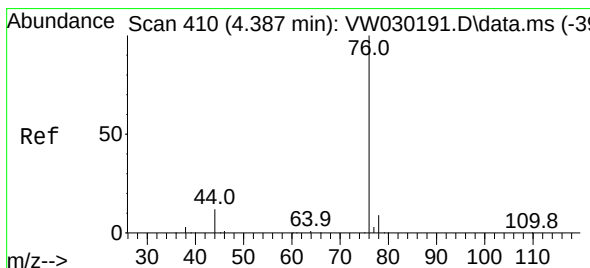
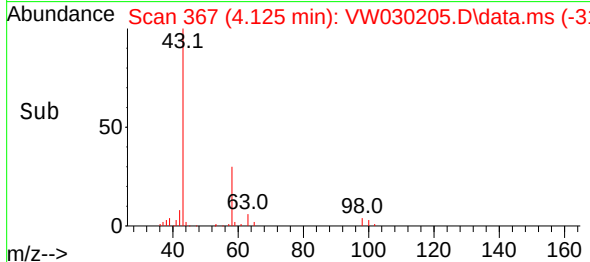
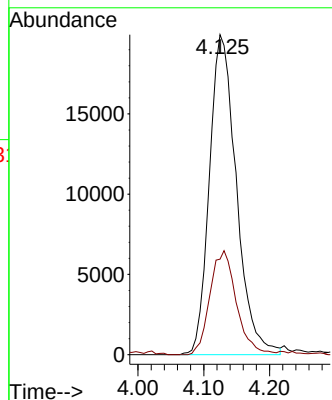
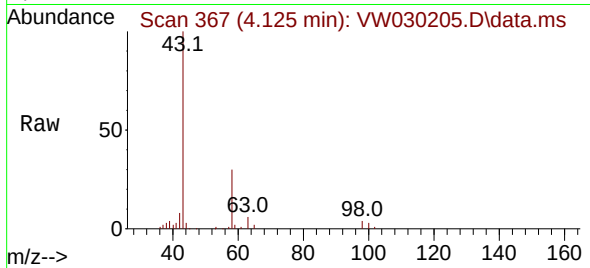




#13
Acetone
Concen: 28.831 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

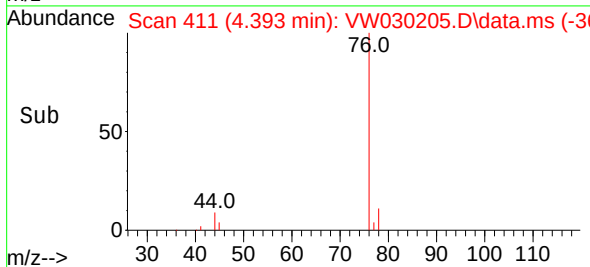
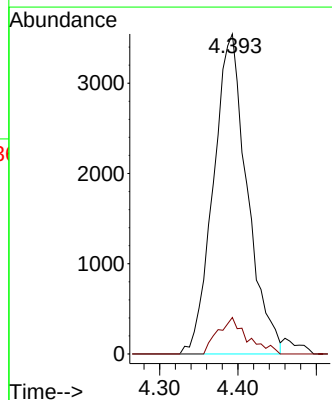
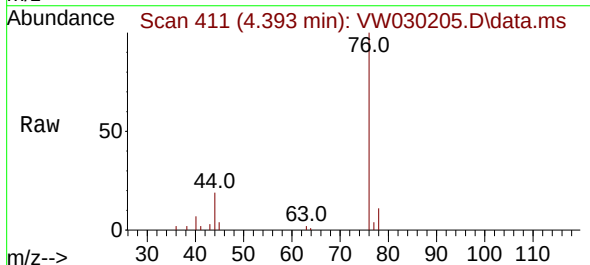
Instrument :
MSVOA_W
ClientSampleId :

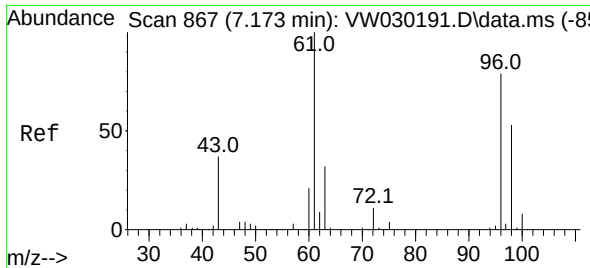
Tgt Ion: 43 Resp: 56946
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.0



#14
Carbon disulfide
Concen: 0.568 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

Tgt Ion: 76 Resp: 10599
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4

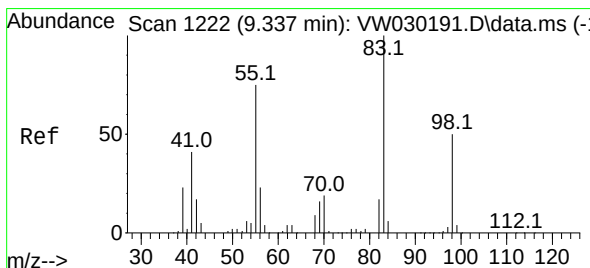
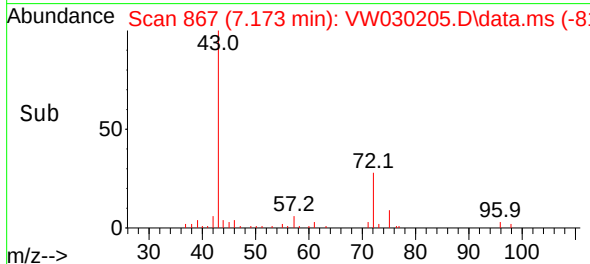
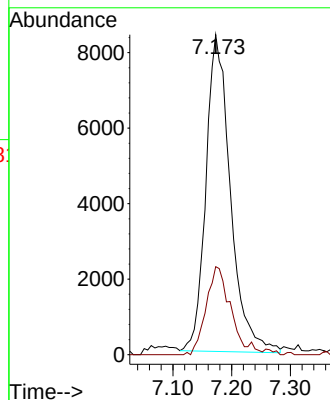
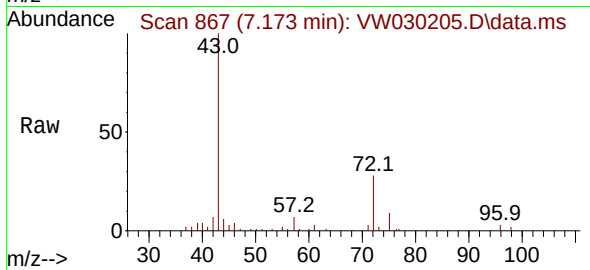




#22
2-Butanone
Concen: 10.399 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

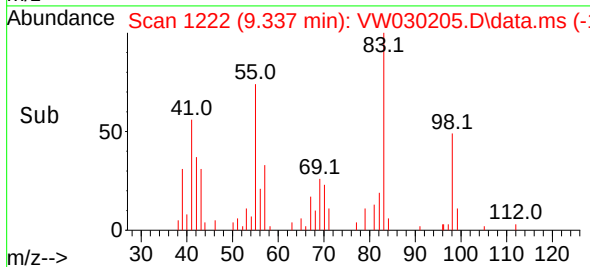
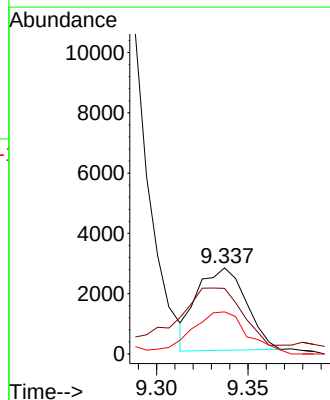
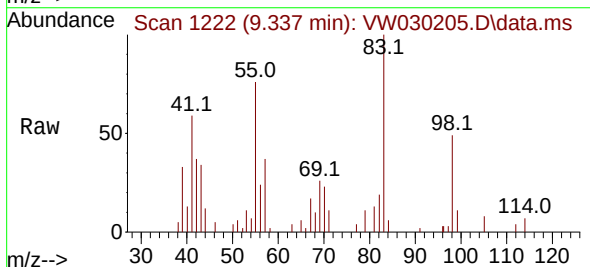
Instrument :
MSVOA_W
ClientSampleId :

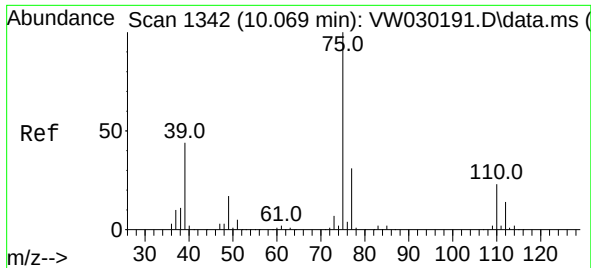
Tgt Ion: 43 Resp: 24314
Ion Ratio Lower Upper
43 100
72 26.8 13.9 41.7



#35
Methylcyclohexane
Concen: 0.601 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

Tgt Ion: 83 Resp: 5105
Ion Ratio Lower Upper
83 100
55 127.1 63.0 94.6#
98 58.6 38.7 58.1#





#39

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.038 min Scan# 1483

Delta R.T. -0.030 min

Lab File: VW030205.D

Acq: 23 Sep 2024 17:17

Instrument :

MSVOA_W

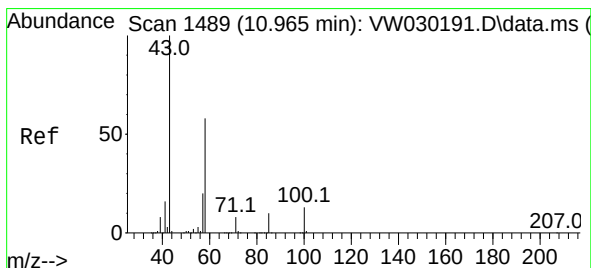
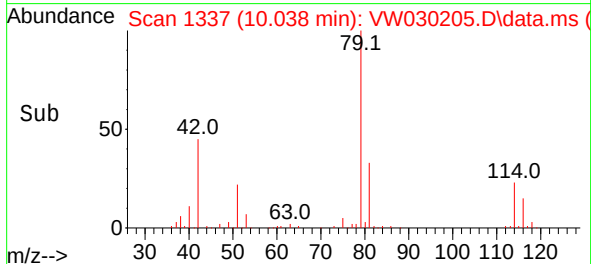
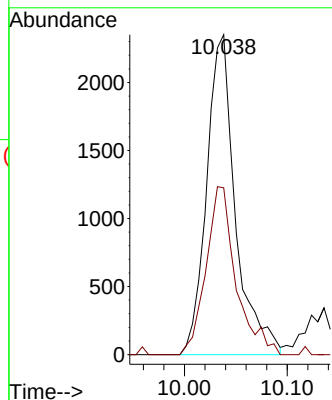
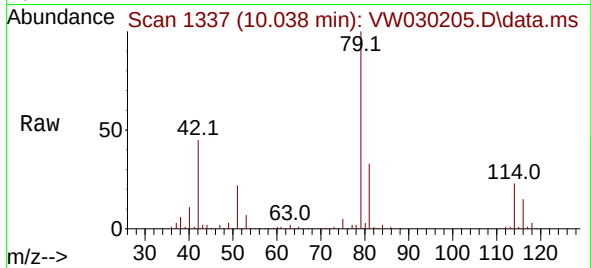
ClientSampleId :

Tgt Ion: 75 Resp: 4577

Ion Ratio Lower Upper

75 100

77 52.1 20.7 38.5#



#48

2-Hexanone

Concen: 14.413 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW030205.D

Acq: 23 Sep 2024 17:17

Tgt Ion: 43 Resp: 31336

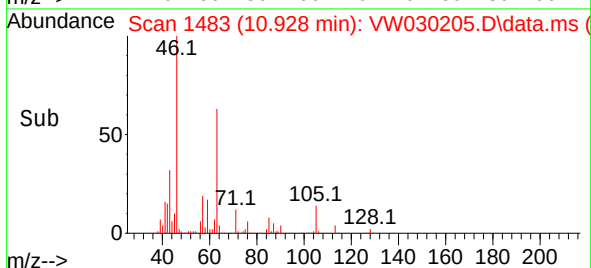
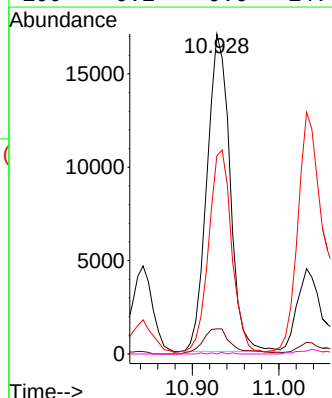
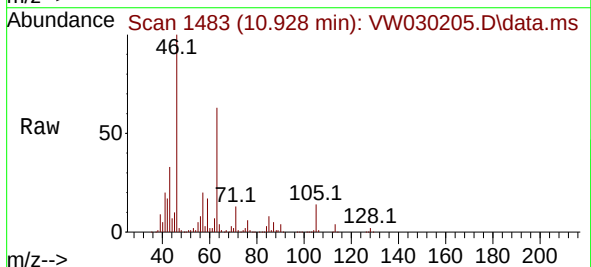
Ion Ratio Lower Upper

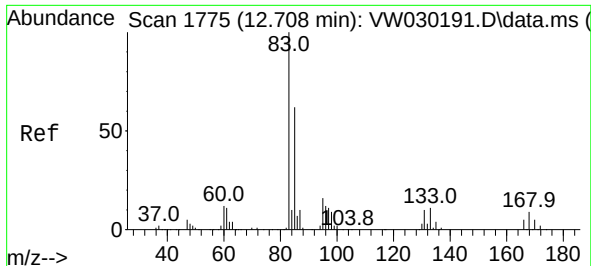
43 100

58 9.9 44.8 67.2#

57 64.2 15.4 23.2#

100 0.1 9.6 14.4#

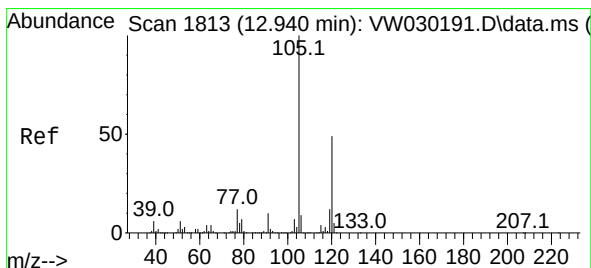
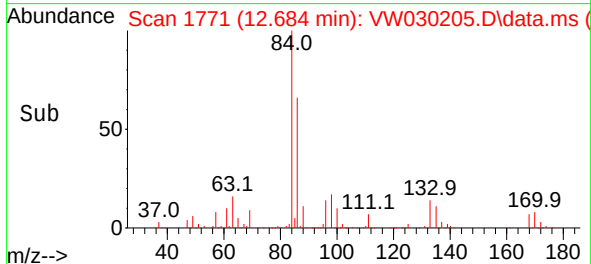
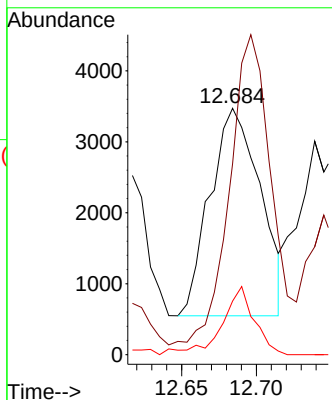
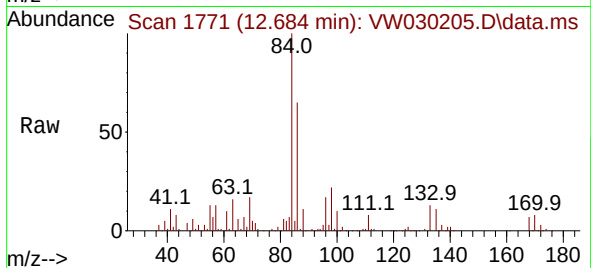




#57
1,1,2,2-Tetrachloroethane
Concen: 1.424 ug/L
RT: 12.684 min Scan# 1775
Delta R.T. -0.024 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

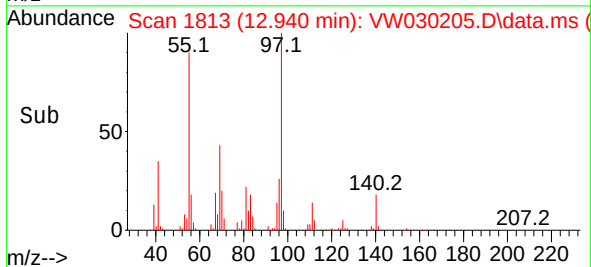
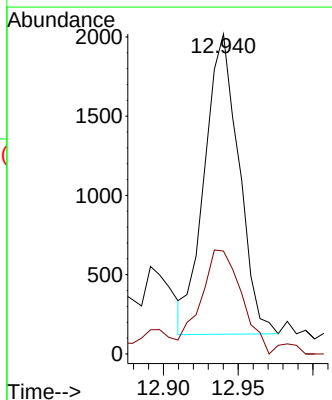
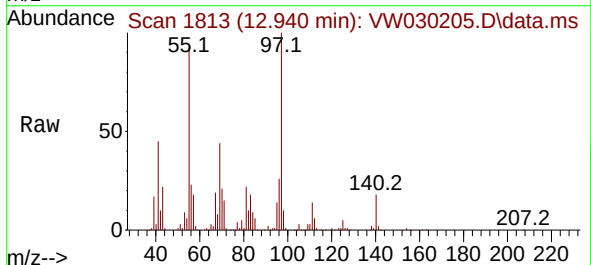
Instrument :
MSVOA_W
ClientSampleId :

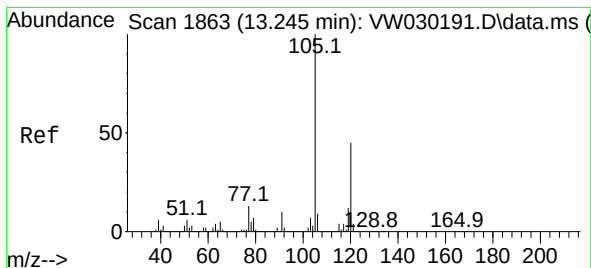
Tgt Ion: 83 Resp: 6843
Ion Ratio Lower Upper
83 100
85 77.5 44.5 82.7
131 21.7 7.4 11.2#



#62
1,3,5-Trimethylbenzene
Concen: 0.383 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030205.D
Acq: 23 Sep 2024 17:17

Tgt Ion:105 Resp: 3027
Ion Ratio Lower Upper
105 100
120 41.2 37.3 55.9





#63

1,2,4-Trimethylbenzene

Concen: 0.897 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030205.D

Acq: 23 Sep 2024 17:17

Instrument :

MSVOA_W

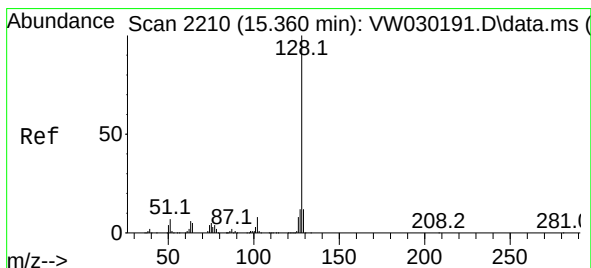
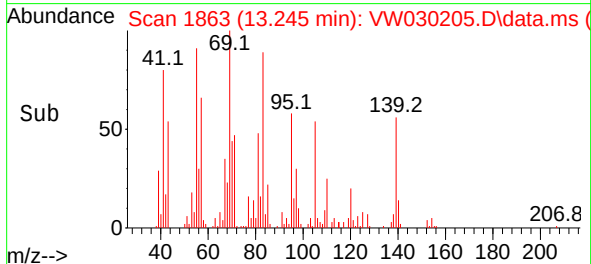
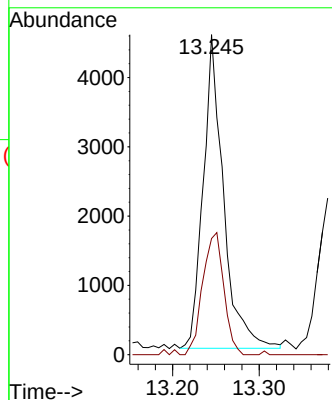
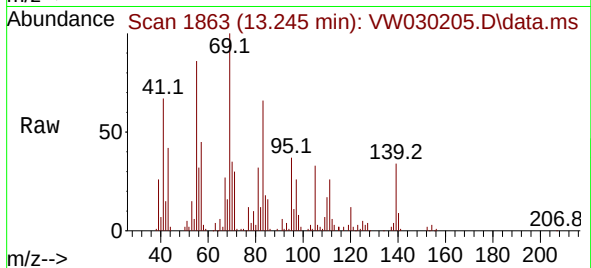
ClientSampleId :

Tgt Ion:105 Resp: 7372

Ion Ratio Lower Upper

105 100

120 40.4 34.8 52.2



#71

Naphthalene

Concen: 0.428 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030205.D

Acq: 23 Sep 2024 17:17

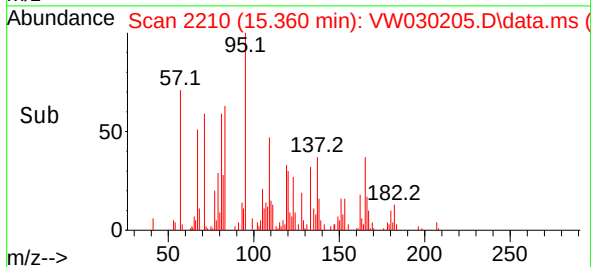
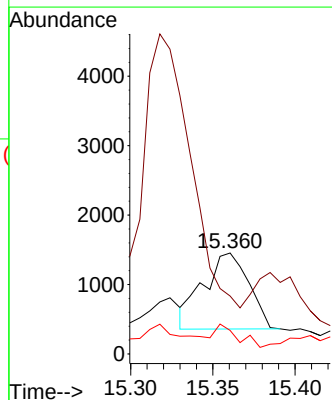
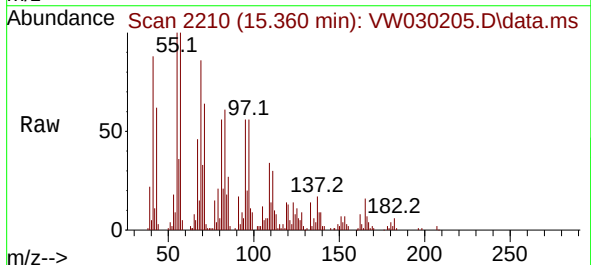
Tgt Ion:128 Resp: 2102

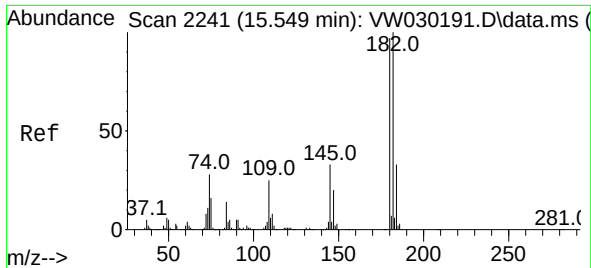
Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

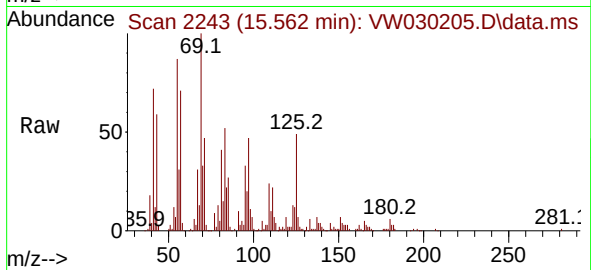
129 14.4 8.4 12.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.661 ug/L
 RT: 15.562 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VW030205.D
 Acq: 23 Sep 2024 17:17

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	1566
Ion Ratio	Lower	Upper	
180	100		
182	121.2	76.4	114.6#
145	293.5	26.2	39.4#

