

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
 Data File : VW029344.D
 Acq On : 25 Jun 2024 12:22
 Operator : SY/MD
 Sample : P3026-03
 Misc : 5.54g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 26 02:26:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 26 02:25:08 2024
 Response via : Initial Calibration

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

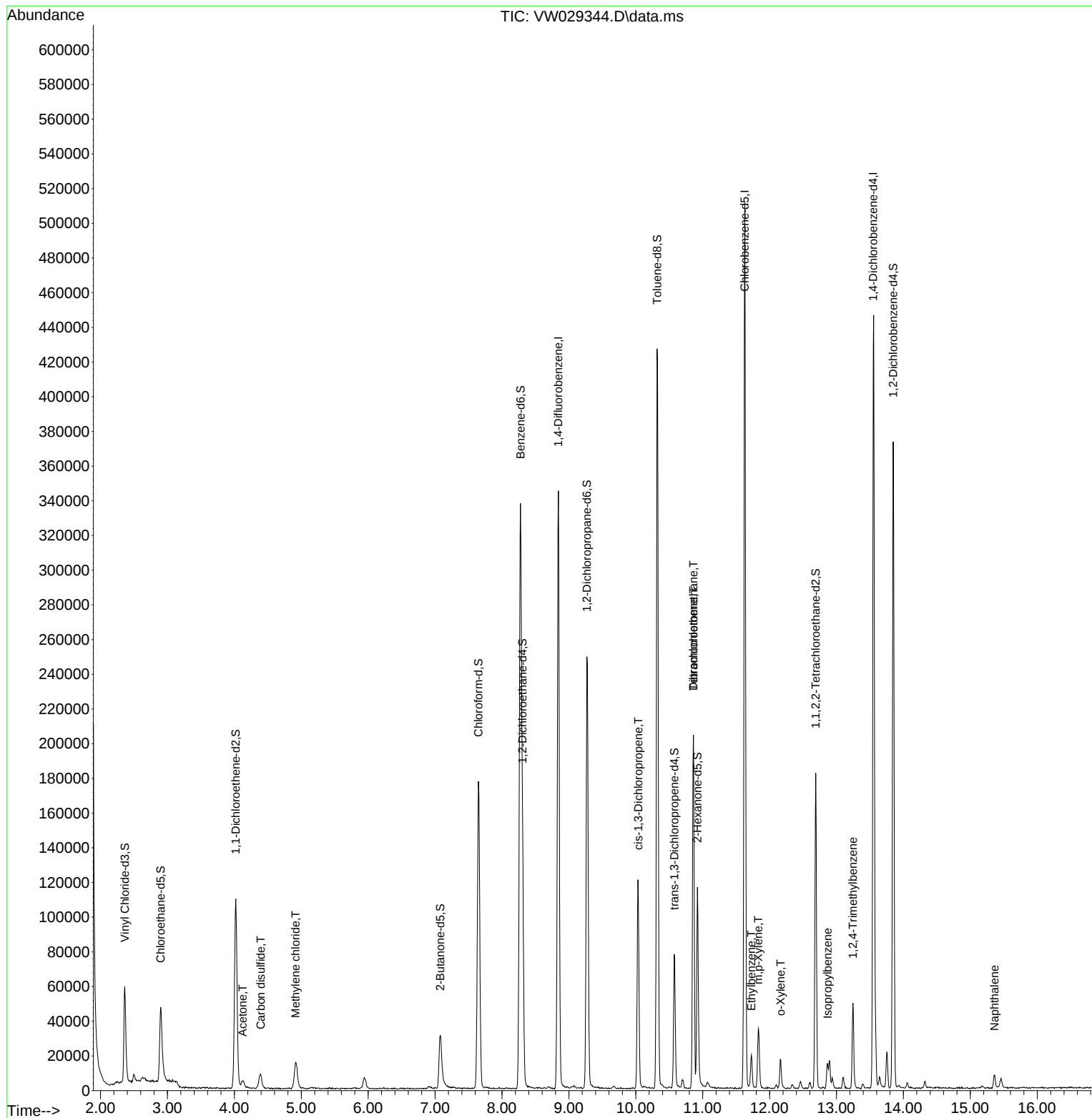
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	270208	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	110445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70179	18.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
7) Chloroethane-d5	2.899	69	63496	20.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	4.021	65	34666	19.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	7.075	46	55088	49.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.460%
24) Chloroform-d	7.648	84	175860	21.818	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	8.307	65	105213	22.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.276	84	333486	21.134	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	9.270	67	113962	22.720	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	10.319	98	275617	19.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.960%
43) trans-1,3-Dichloroprop...	10.575	79	41838	20.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.922	63	35773	45.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88580	22.189	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	88064	22.971	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds	Qvalue					
13) Acetone	4.125	43	7530	7.919	ug/L	66
14) Carbon disulfide	4.393	76	17395	1.702	ug/L #	94
16) Methylene chloride	4.917	84	11221	2.362	ug/L	96
39) cis-1,3-Dichloropropene	10.038	75	3128	0.505	ug/L #	74
46) Tetrachloroethene	10.861	164	42590	14.630	ug/L	96
49) Dibromochloromethane	10.861	129	39034	12.224	ug/L #	11
52) Ethylbenzene	11.727	91	11389	0.625	ug/L	99
53) m,p-Xylene	11.831	106	10393	1.562	ug/L	100
54) o-Xylene	12.166	106	3957	0.636	ug/L	96
60) Isopropylbenzene	12.867	105	7719	0.525	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	25169	2.195	ug/L	99
71) Naphthalene	15.360	128	6188	0.900	ug/L	96

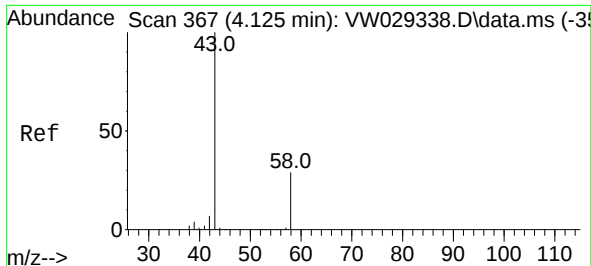
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 7.919 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW029344.D

Acq: 25 Jun 2024 12:22

Instrument :

MSVOA_W

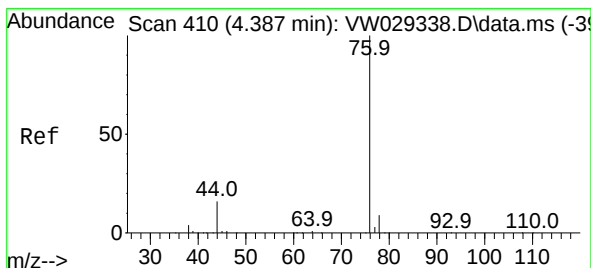
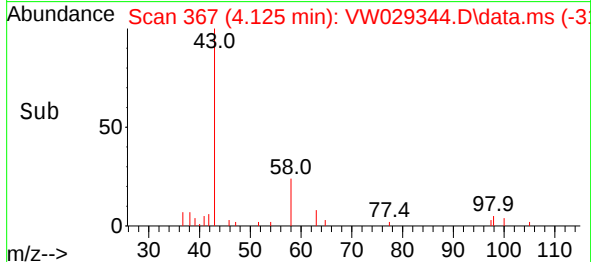
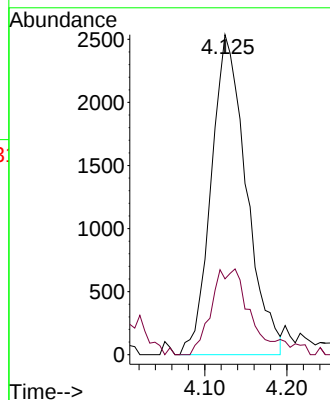
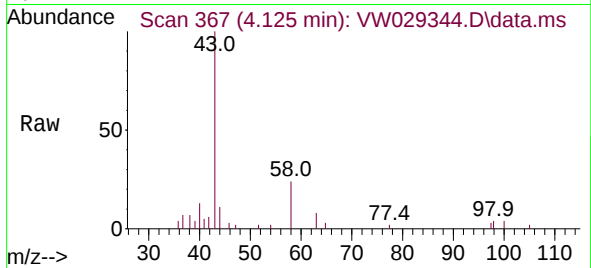
ClientSampleId :

Tgt Ion: 43 Resp: 7530

Ion Ratio Lower Upper

43 100

58 12.2 0.0 61.4



#14

Carbon disulfide

Concen: 1.702 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029344.D

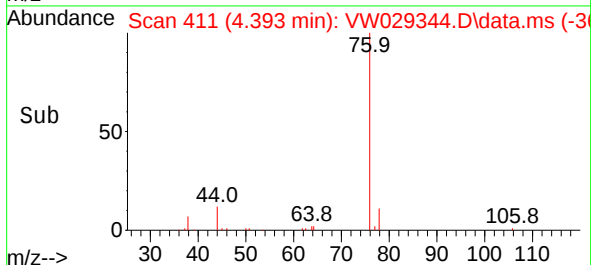
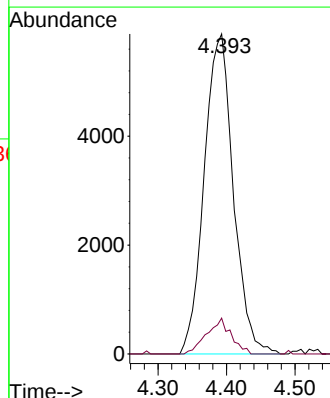
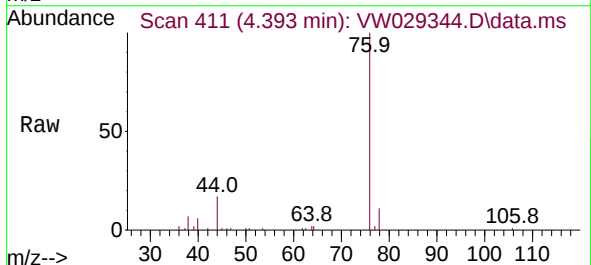
Acq: 25 Jun 2024 12:22

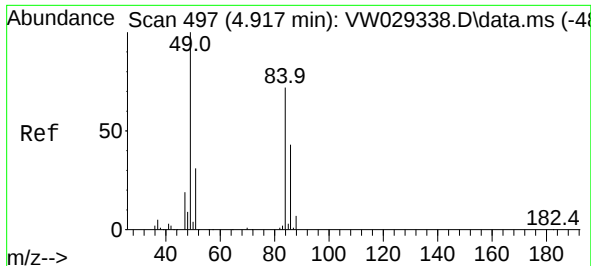
Tgt Ion: 76 Resp: 17395

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#

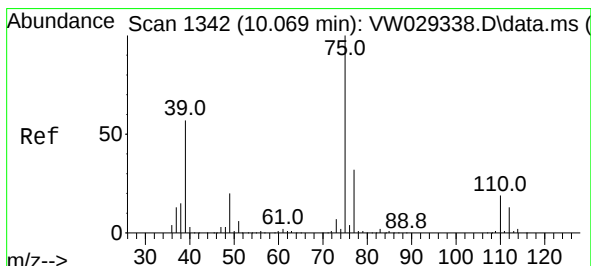
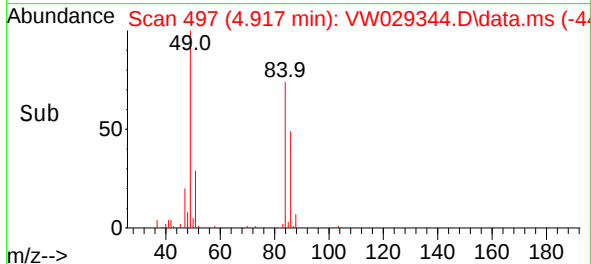
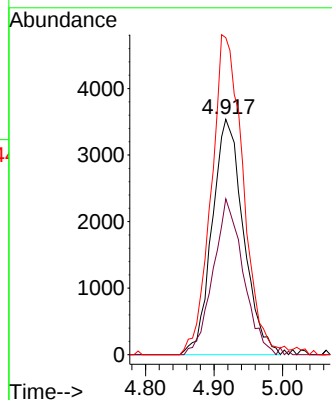
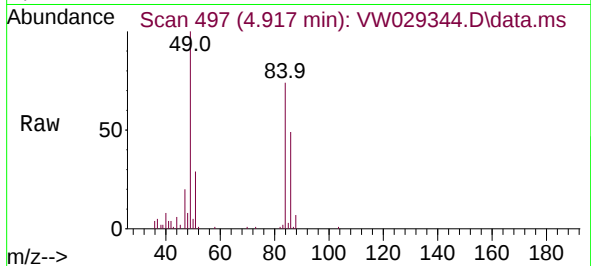




#16
Methylene chloride
Concen: 2.362 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22

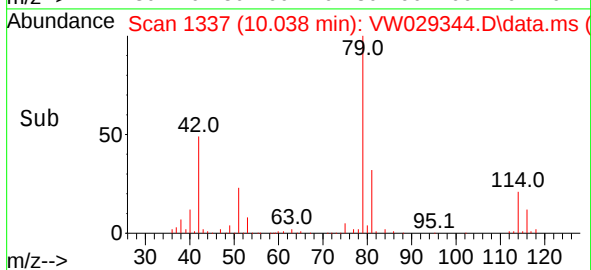
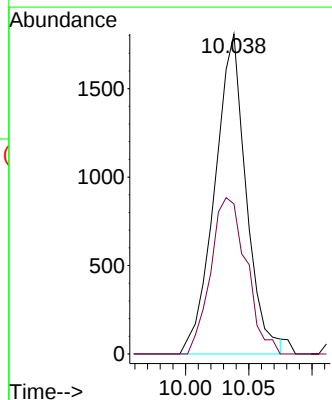
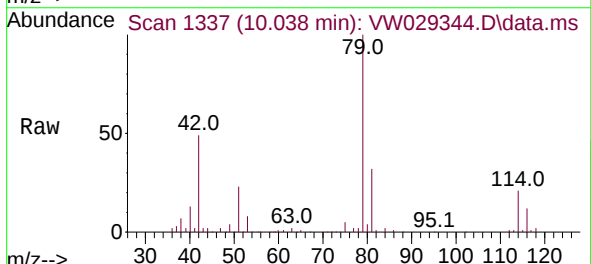
Instrument :
MSVOA_W
ClientSampleId :

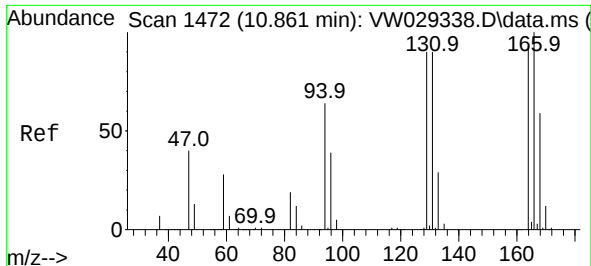
Tgt Ion: 84 Resp: 11221
Ion Ratio Lower Upper
84 100
86 66.2 41.4 77.0
49 134.7 95.7 177.7



#39
cis-1,3-Dichloropropene
Concen: 0.505 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.030 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22

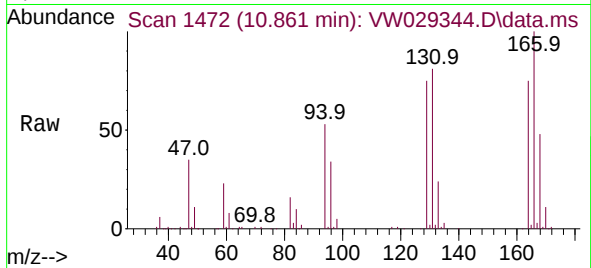
Tgt Ion: 75 Resp: 3128
Ion Ratio Lower Upper
75 100
77 46.9 22.7 42.1#



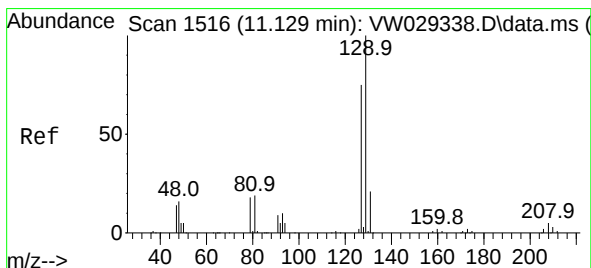
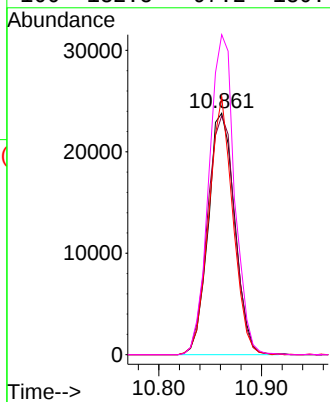
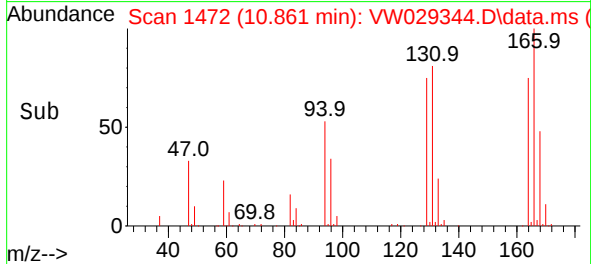


#46
Tetrachloroethene
Concen: 14.630 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22

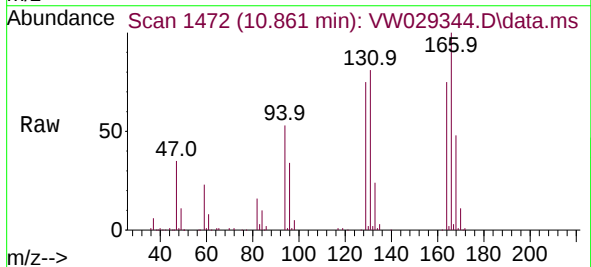
Instrument :
MSVOA_W
ClientSampleId :



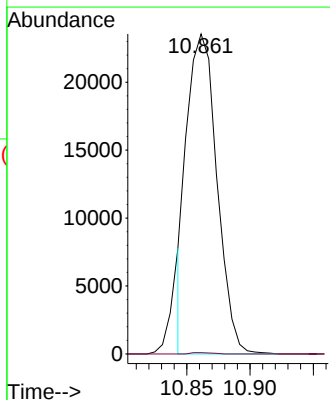
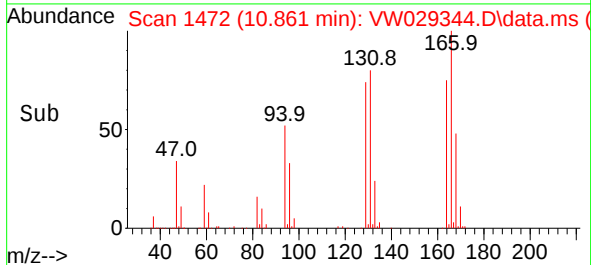
Tgt Ion:164 Resp: 42590
Ion Ratio Lower Upper
164 100
129 98.9 68.5 127.3
131 106.8 71.8 133.4
166 132.5 97.2 180.4

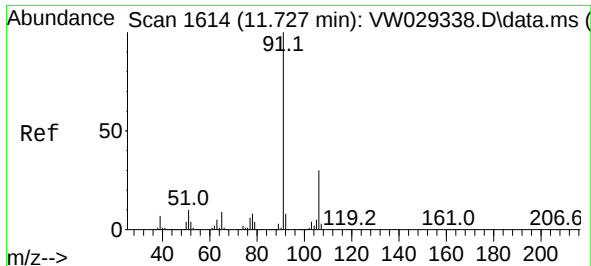


#49
Dibromochloromethane
Concen: 12.224 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.268 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22



Tgt Ion:129 Resp: 39034
Ion Ratio Lower Upper
129 100
127 0.4 54.8 101.8#





#52

Ethylbenzene

Concen: 0.625 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029344.D

Acq: 25 Jun 2024 12:22

Instrument :

MSVOA_W

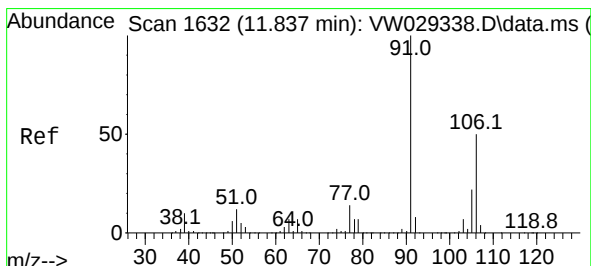
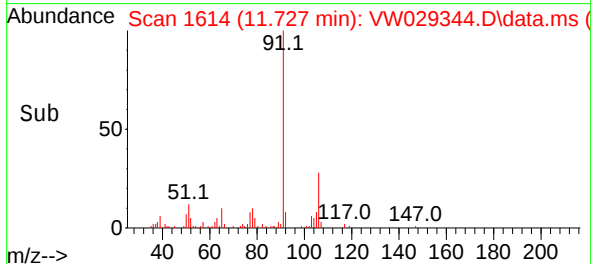
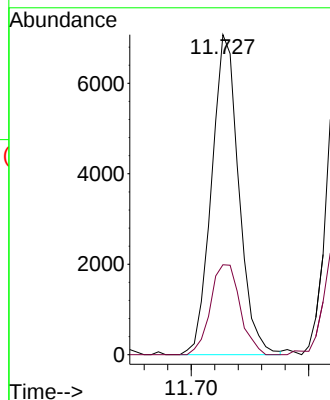
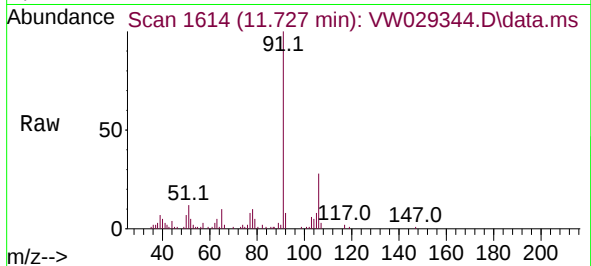
ClientSampleId :

Tgt Ion: 91 Resp: 11389

Ion Ratio Lower Upper

91 100

106 28.1 19.9 37.0



#53

m,p-Xylene

Concen: 1.562 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW029344.D

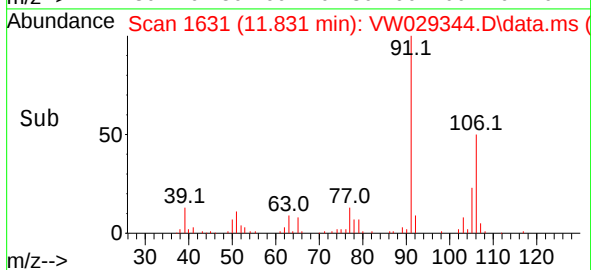
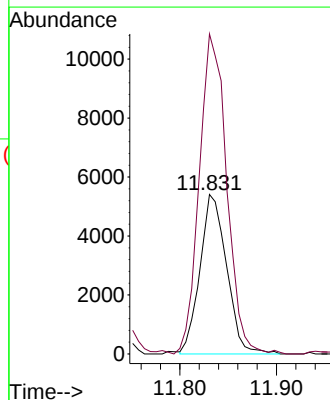
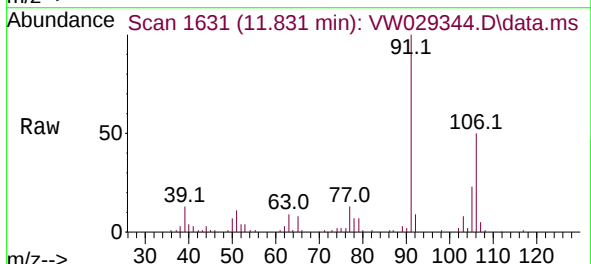
Acq: 25 Jun 2024 12:22

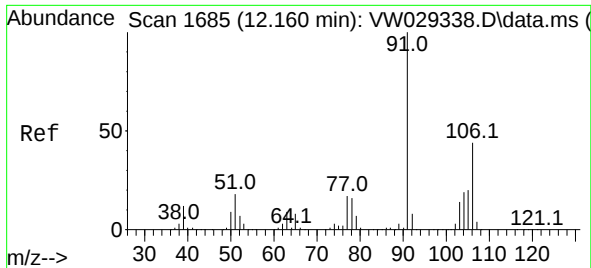
Tgt Ion:106 Resp: 10393

Ion Ratio Lower Upper

106 100

91 200.6 140.5 260.9

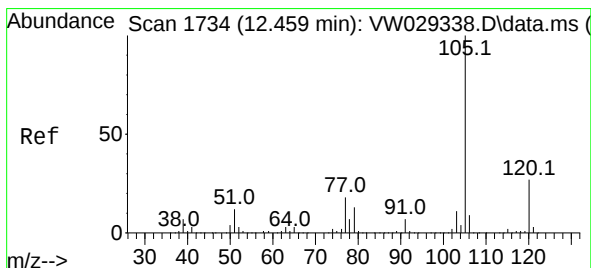
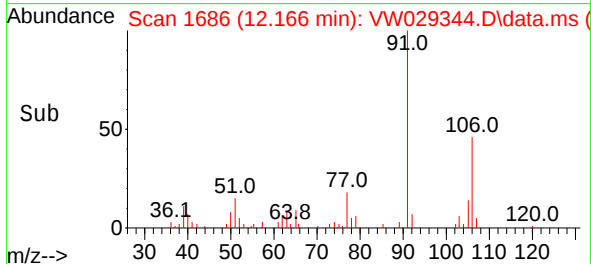
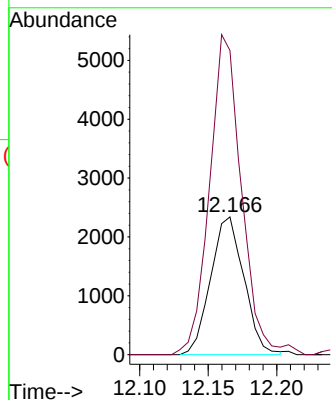
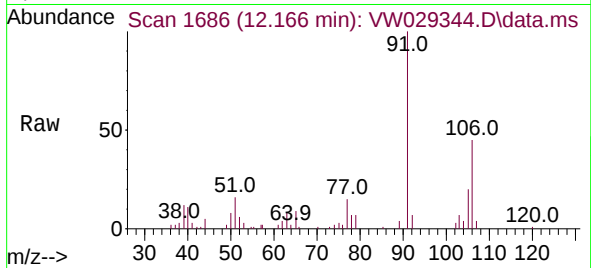




#54
o-Xylene
Concen: 0.636 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22

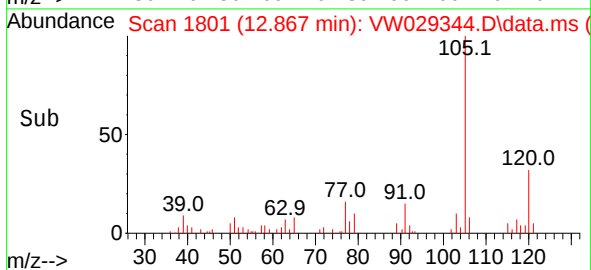
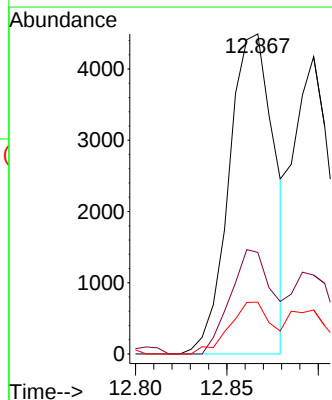
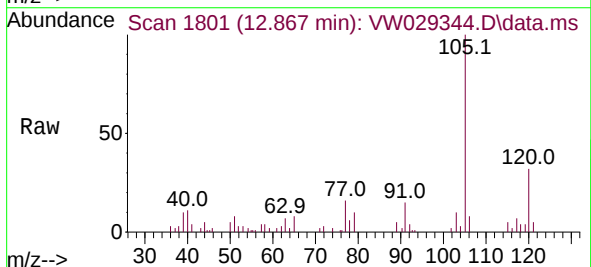
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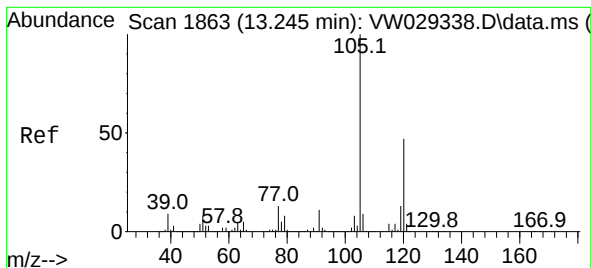
Tgt Ion:106 Resp: 3957
Ion Ratio Lower Upper
106 100
91 220.7 149.9 278.5



#60
Isopropylbenzene
Concen: 0.525 ug/L
RT: 12.867 min Scan# 1801
Delta R.T. 0.408 min
Lab File: VW029344.D
Acq: 25 Jun 2024 12:22

Tgt Ion:105 Resp: 7719
Ion Ratio Lower Upper
105 100
120 30.3 20.5 30.7
77 15.2 13.6 20.4





#63

1,2,4-Trimethylbenzene

Concen: 2.195 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029344.D

Acq: 25 Jun 2024 12:22

Instrument :

MSVOA_W

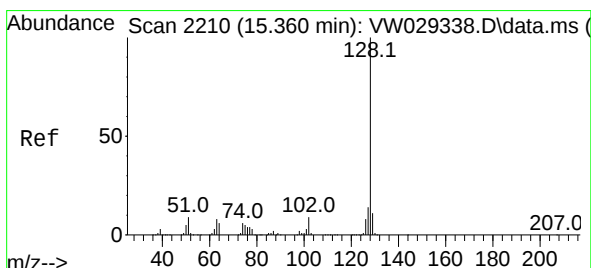
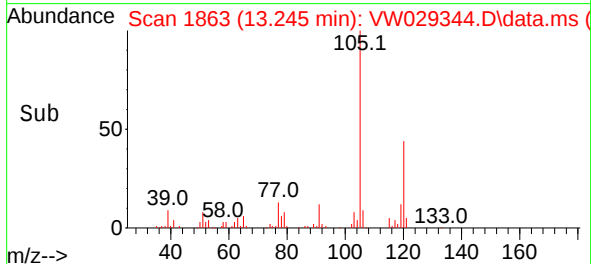
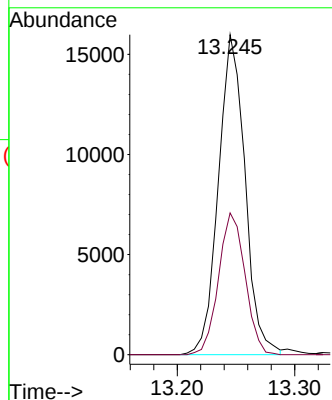
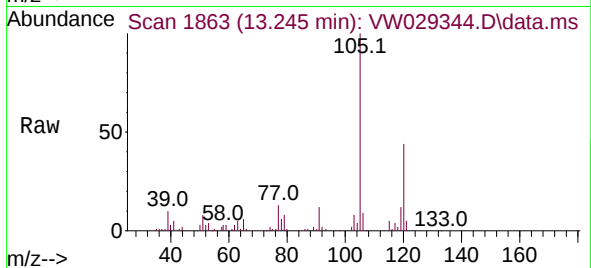
ClientSampleId :

Tgt Ion:105 Resp: 25169

Ion Ratio Lower Upper

105 100

120 44.1 34.9 52.3



#71

Naphthalene

Concen: 0.900 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029344.D

Acq: 25 Jun 2024 12:22

Tgt Ion:128 Resp: 6188

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 12.8 8.9 13.3

