

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062122\
 Data File : VW023501.D
 Acq On : 21 Jun 2022 13:05
 Operator : SY/VA
 Sample : N3425-05
 Misc : 7.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COAL3

Quant Time: Jun 22 01:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 22 01:04:18 2022
 Response via : Initial Calibration

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

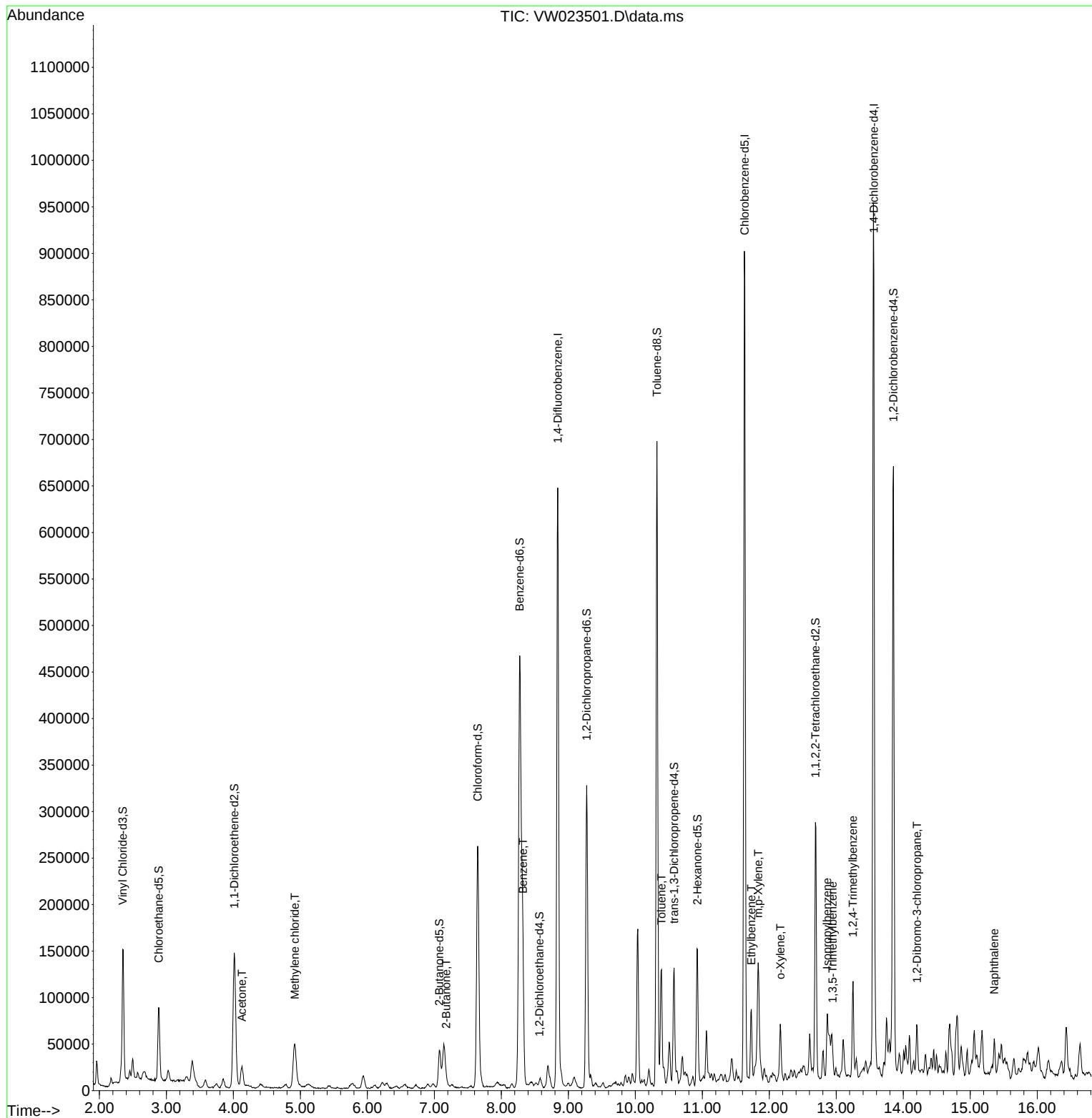
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	515199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	488073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	238374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	119798	14.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.560%
7) Chloroethane-d5	2.885	69	87236	14.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.000%
11) 1,1-Dichloroethene-d2	4.013	63	138071	12.085	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.360%
21) 2-Butanone-d5	7.074	46	65828	39.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.780%
24) Chloroform-d	7.647	84	251067	17.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.800%
26) 1,2-Dichloroethane-d4	8.567	65	188	0.025	ug/L	0.26
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	470779	18.192	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.760%
36) 1,2-Dichloropropane-d6	9.274	67	142174	18.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.600%
41) Toluene-d8	10.323	98	433124	17.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.520%
43) trans-1,3-Dichloroprop...	10.579	79	58711	16.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.480%
47) 2-Hexanone-d5	10.927	63	50168	41.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.360%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129751	18.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	163152	18.960	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.840%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	37441	31.097	ug/L	100
16) Methylene chloride	4.916	84	37042	5.312	ug/L	97
22) 2-Butanone	7.177	43	9971	5.411	ug/L	96
33) Benzene	8.323	78	76003	2.696	ug/L	100
42) Toluene	10.390	91	89503	2.841	ug/L	97
52) Ethylbenzene	11.731	91	42421	1.185	ug/L	93
53) m,p-Xylene	11.835	106	29903	2.146	ug/L	91
54) o-Xylene	12.164	106	15864	1.191	ug/L	100
60) Isopropylbenzene	12.865	105	38972	1.142	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	13100	0.469	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	52178	1.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.207	75	1259	1.257	ug/L #	2
71) Naphthalene	15.359	128	27591	1.821	ug/L	98

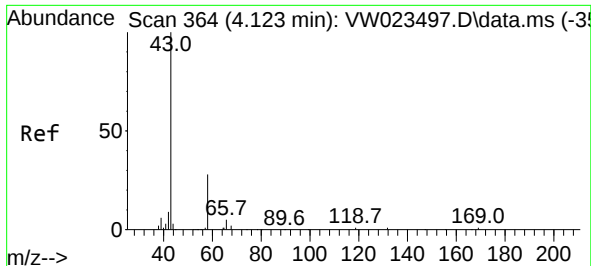
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jun 22 01:04:18 2022
Response via : Initial Calibration

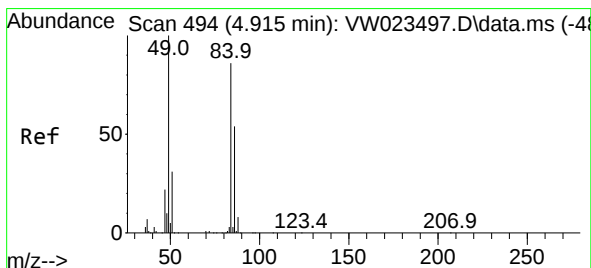
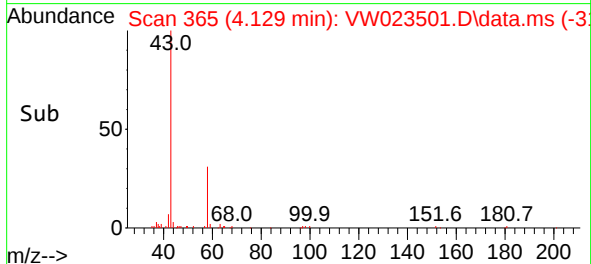
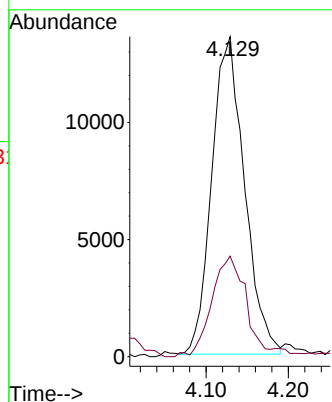
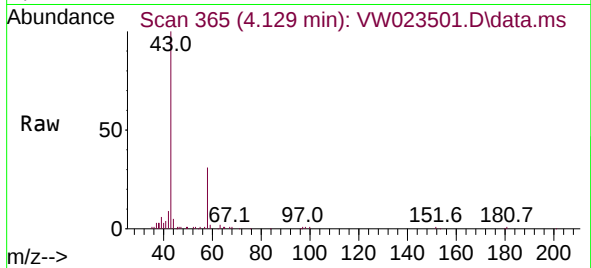




#13
Acetone
Concen: 31.097 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

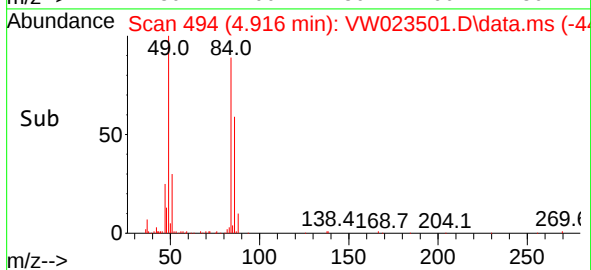
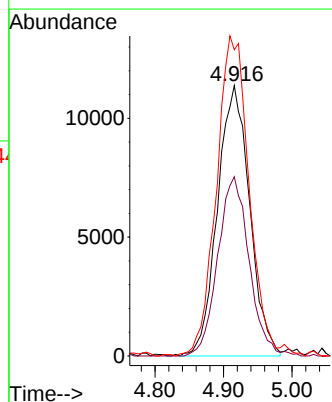
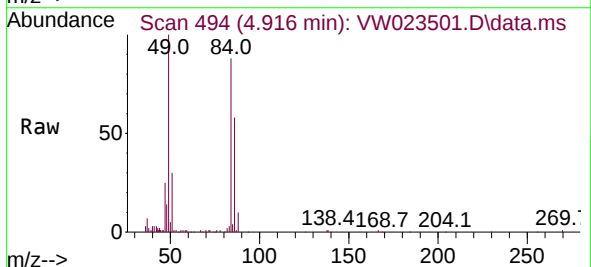
Instrument :
MSVOA_W
ClientSampleId :
COAL3

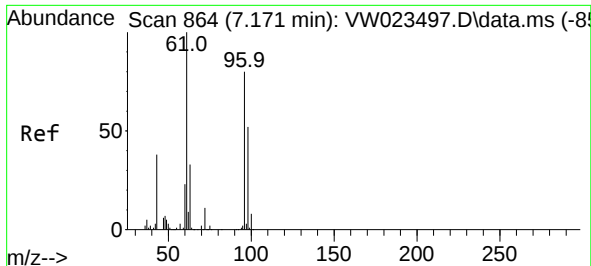
Tgt Ion: 43 Resp: 37441
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.0



#16
Methylene chloride
Concen: 5.312 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 84 Resp: 37042
Ion Ratio Lower Upper
84 100
86 66.3 45.4 84.4
49 113.3 82.5 153.1

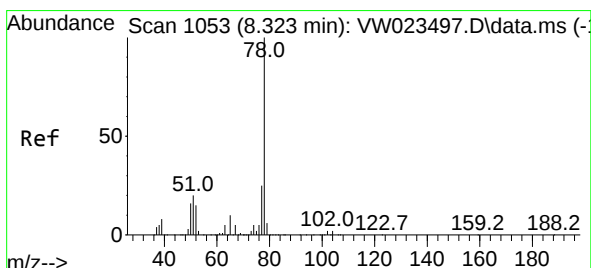
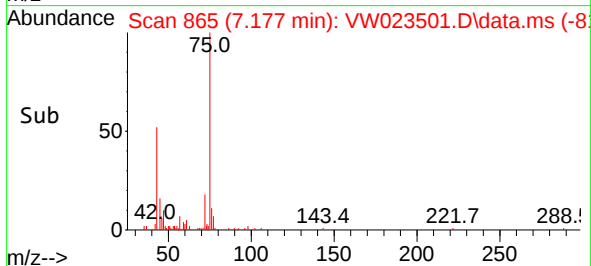
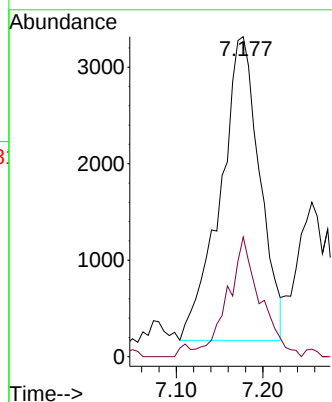
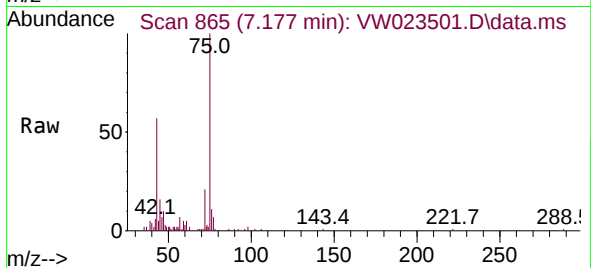




#22
2-Butanone
Concen: 5.411 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

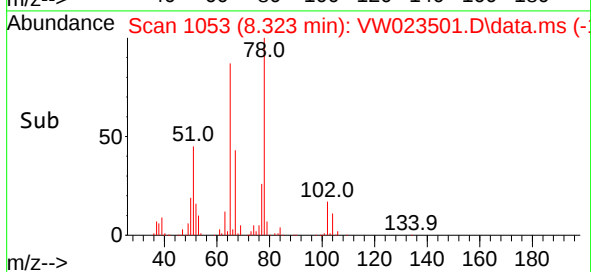
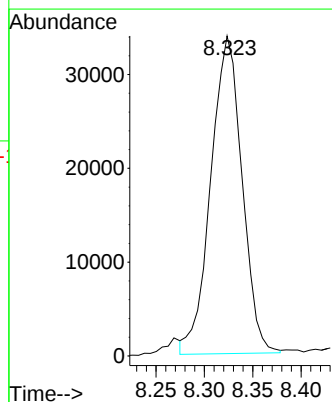
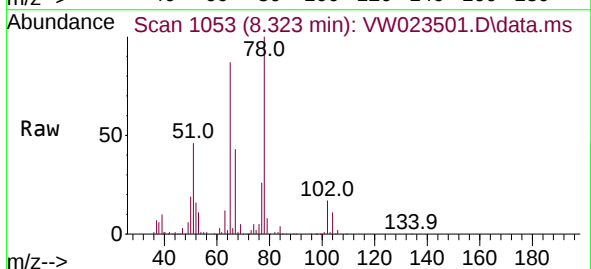
Instrument :
MSVOA_W
ClientSampleId :
COAL3

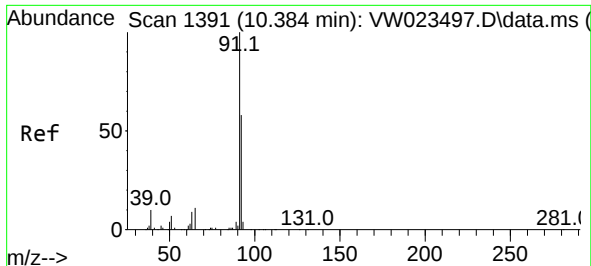
Tgt Ion: 43 Resp: 9971
Ion Ratio Lower Upper
43 100
72 32.6 15.1 45.3



#33
Benzene
Concen: 2.696 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 78 Resp: 76003

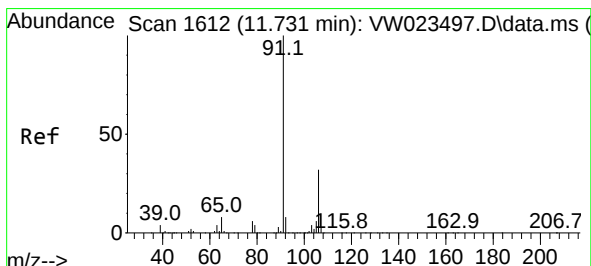
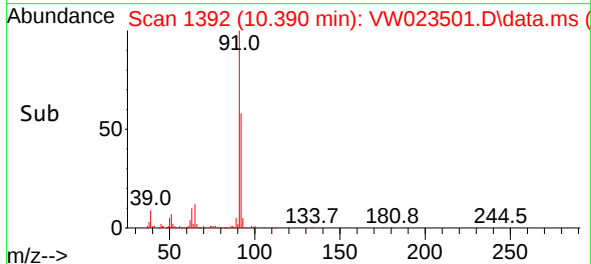
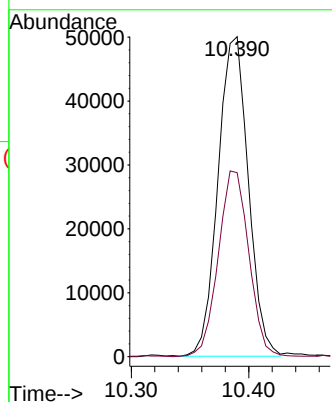
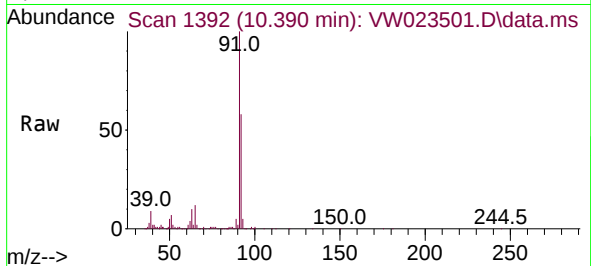




#42
Toluene
Concen: 2.841 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

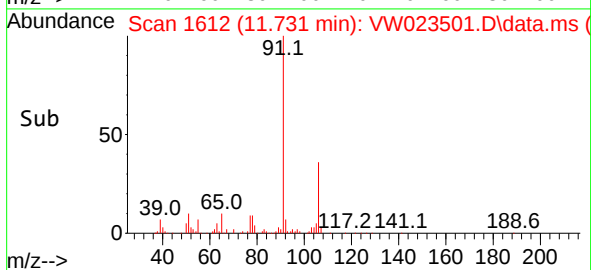
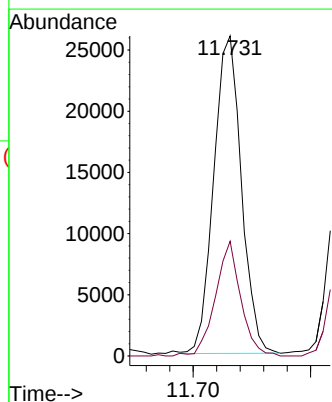
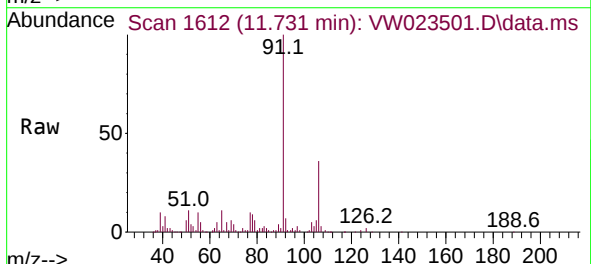
Instrument :
MSVOA_W
ClientSampleId :
COAL3

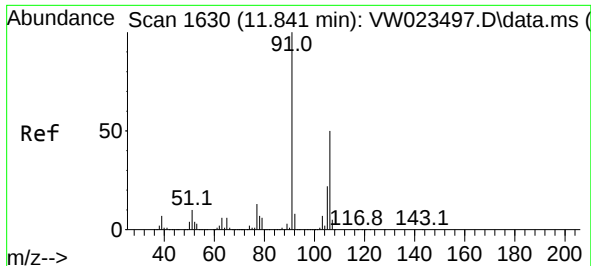
Tgt Ion: 91 Resp: 89503
Ion Ratio Lower Upper
91 100
92 57.5 41.6 77.2



#52
Ethylbenzene
Concen: 1.185 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 91 Resp: 42421
Ion Ratio Lower Upper
91 100
106 35.8 22.3 41.3

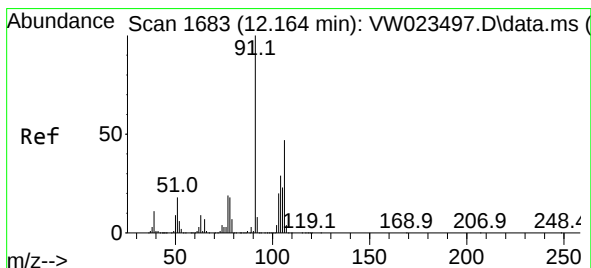
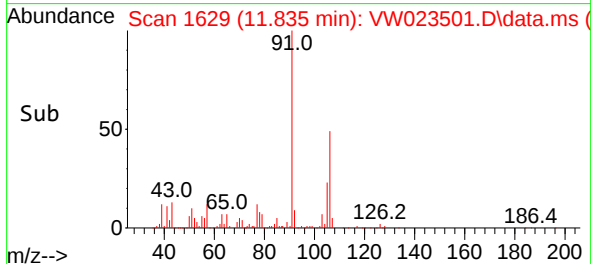
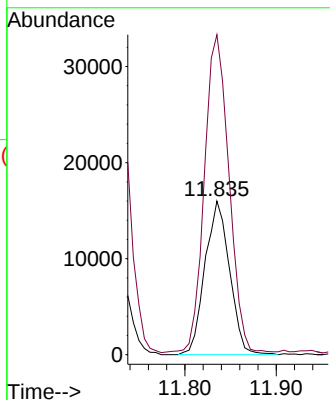
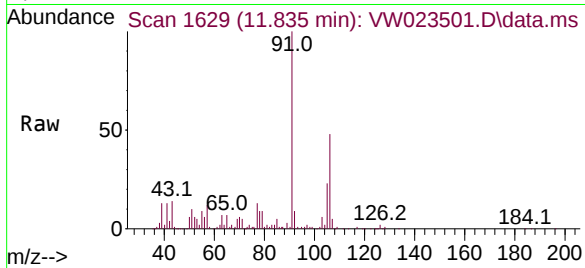




#53
m,p-Xylene
Concen: 2.146 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

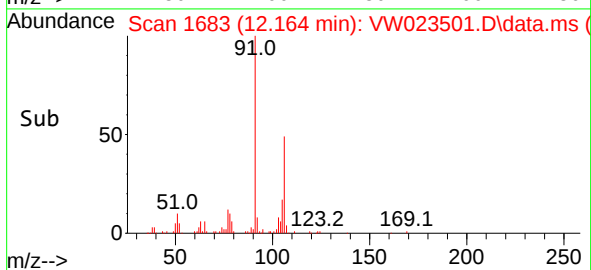
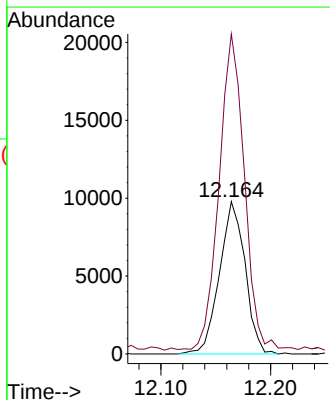
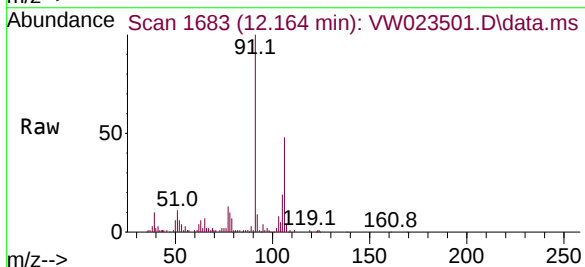
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ClientSampleId :
COAL3

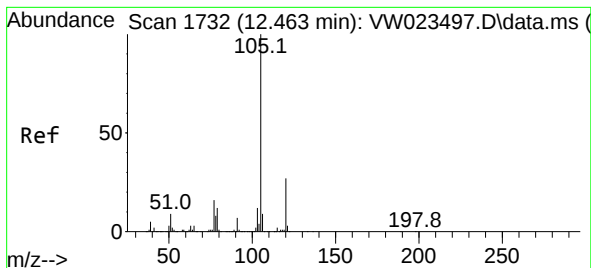
Tgt Ion:106 Resp: 29903
Ion Ratio Lower Upper
106 100
91 208.2 136.8 254.0



#54
o-Xylene
Concen: 1.191 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Tgt Ion:106 Resp: 15864
Ion Ratio Lower Upper
106 100
91 210.1 147.2 273.4





#60

Isopropylbenzene

Concen: 1.142 ug/L

RT: 12.865 min Scan# 1732

Delta R.T. 0.403 min

Lab File: VW023501.D

Acq: 21 Jun 2022 13:05

Instrument :

MSVOA_W

ClientSampleId :

COAL3

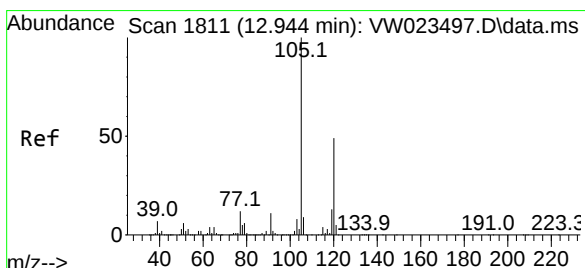
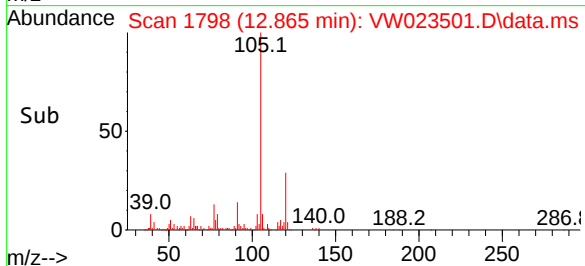
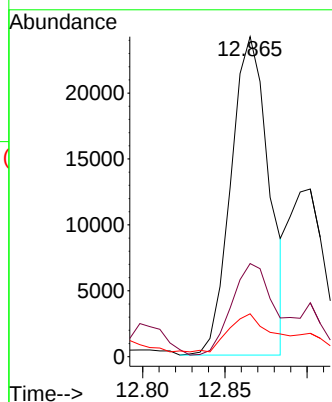
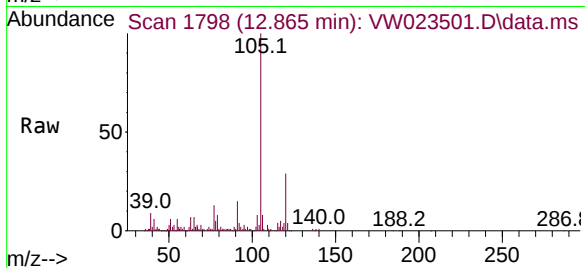
Tgt Ion:105 Resp: 38972

Ion Ratio Lower Upper

105 100

120 31.0 21.3 31.9

77 14.3 12.6 19.0



#62

1,3,5-Trimethylbenzene

Concen: 0.469 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW023501.D

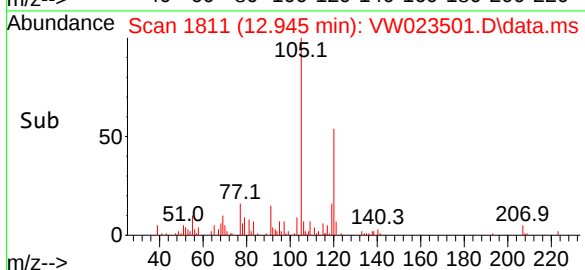
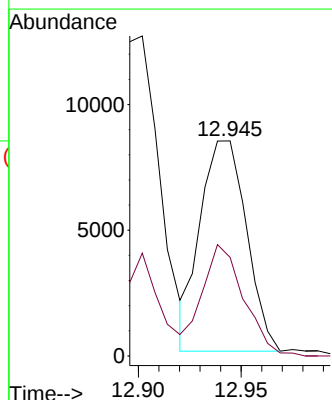
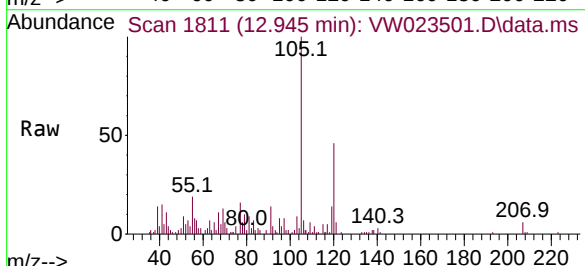
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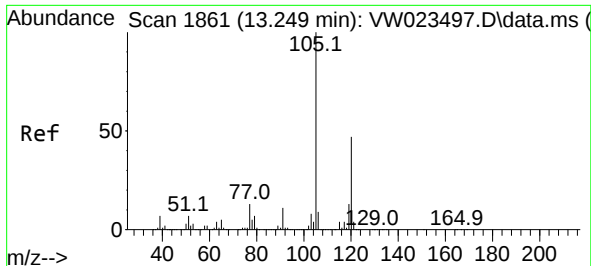
Tgt Ion:105 Resp: 13100

Ion Ratio Lower Upper

105 100

120 47.8 38.9 58.3

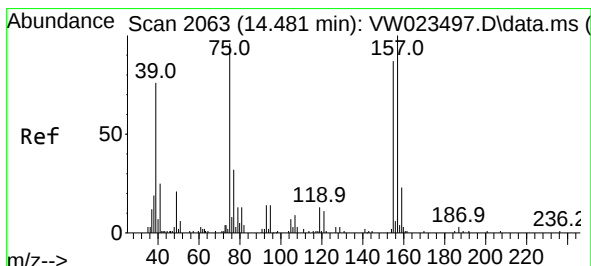
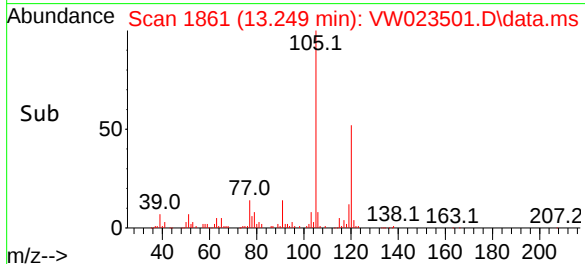
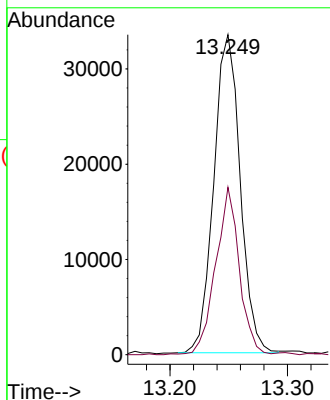
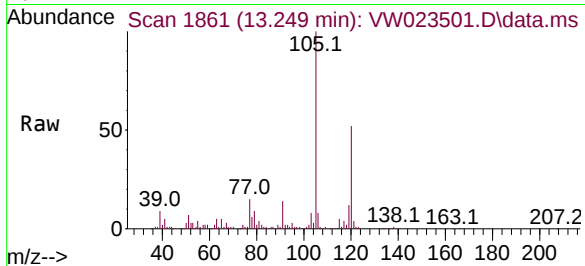




#63
1,2,4-Trimethylbenzene
Concen: 1.868 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

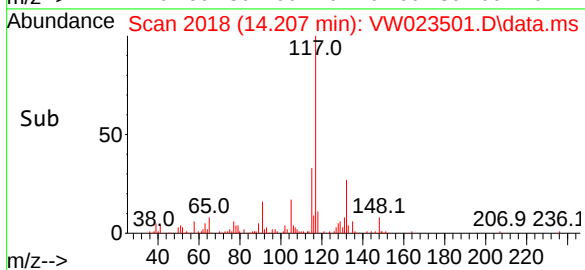
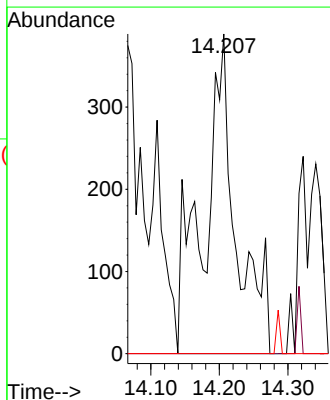
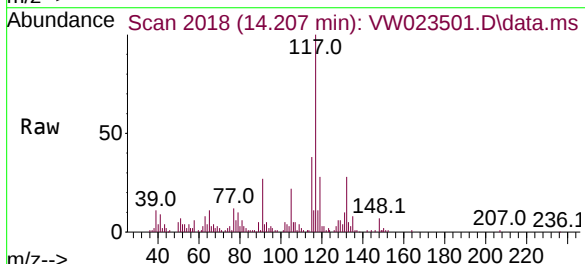
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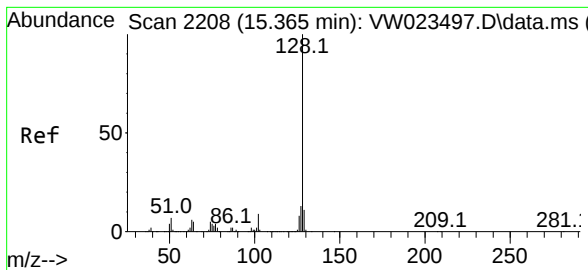
Tgt Ion:105 Resp: 52178
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.257 ug/L
RT: 14.207 min Scan# 2018
Delta R.T. -0.274 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 75 Resp: 1259
Ion Ratio Lower Upper
75 100
155 0.0 59.3 88.9#
157 0.0 89.8 134.8#





#71
Naphthalene
Concen: 1.821 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023501.D
Acq: 21 Jun 2022 13:05

Instrument :
MSVOA_W
ClientSampleId :
COAL3

Tgt Ion:	128	Resp:	27591
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	12.2	8.7	13.1

