

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022665.D
 Acq On : 28 Apr 2022 15:02
 Operator : SY/VA
 Sample : N2562-15RE
 Misc : 5.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 01:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 01:08:57 2022
 Response via : Initial Calibration

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

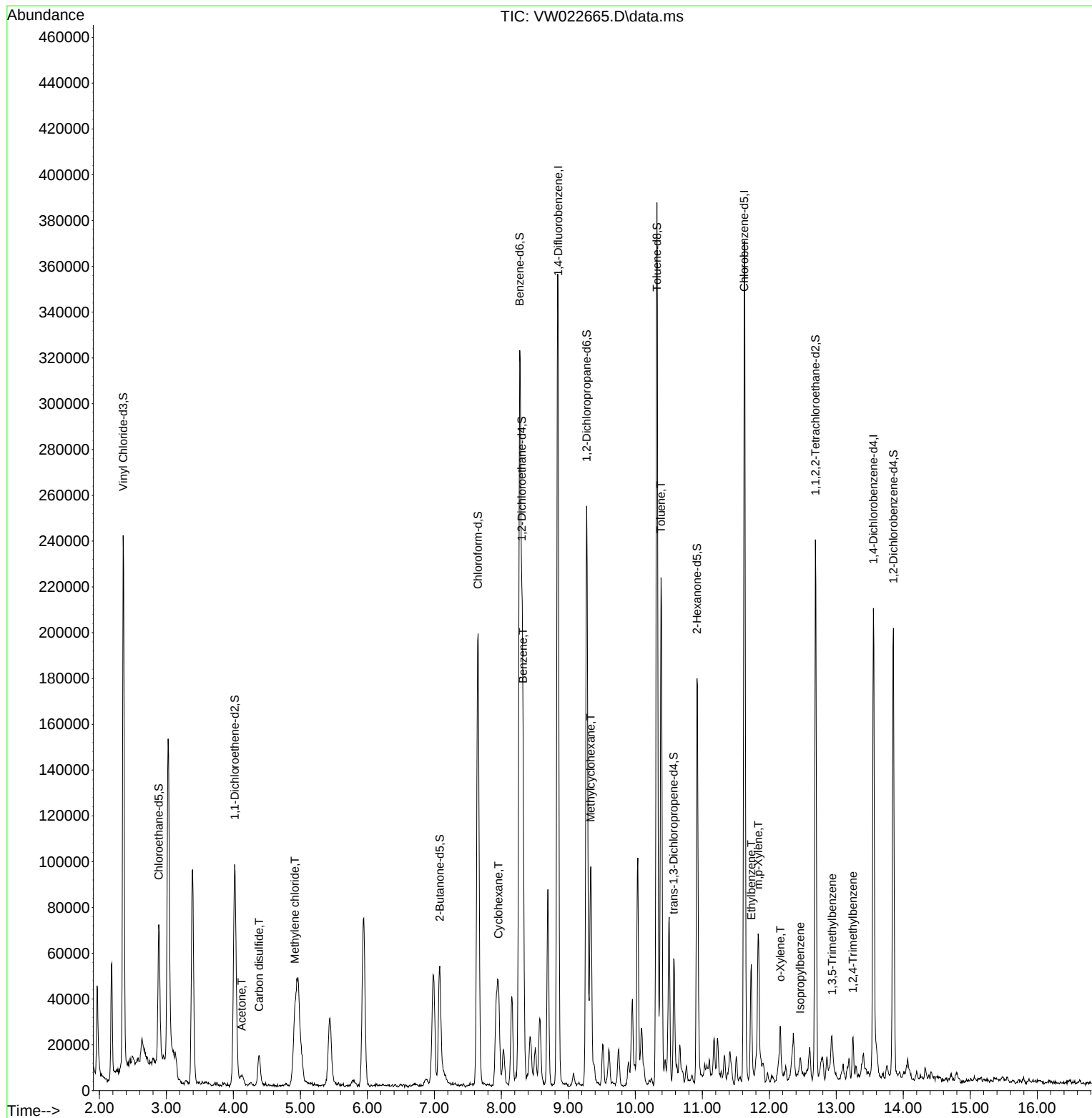
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	297580	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	202780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85314	12.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.880%
7) Chloroethane-d5	2.885	69	68882	16.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.840%
11) 1,1-Dichloroethene-d2	4.019	63	91019	10.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.680%#
21) 2-Butanone-d5	7.080	46	84754	73.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.580%#
24) Chloroform-d	7.653	84	198169	21.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	8.305	65	115858	21.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	8.275	84	327971	26.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.880%
36) 1,2-Dichloropropane-d6	9.274	67	108878	30.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.480%#
41) Toluene-d8	10.323	98	239721	19.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.040%
43) trans-1,3-Dichloroprop...	10.573	79	30186	17.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.360%
47) 2-Hexanone-d5	10.921	63	58700	88.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.000%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106579	34.961	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	46543	26.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.120%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	3754	4.801	ug/L	48
14) Carbon disulfide	4.385	76	26807	2.034	ug/L	98
16) Methylene chloride	4.915	84	20666	4.615	ug/L	85
29) Cyclohexane	7.958	56	27567	4.750	ug/L	93
33) Benzene	8.323	78	80829	5.871	ug/L	100
35) Methylcyclohexane	9.335	83	36520	5.522	ug/L	93
42) Toluene	10.384	91	159562	10.114	ug/L	96
52) Ethylbenzene	11.731	91	33197	1.877	ug/L	92
53) m,p-Xylene	11.835	106	13613	2.025	ug/L	80
54) o-Xylene	12.164	106	5894	0.917	ug/L	89
60) Isopropylbenzene	12.463	105	4771	0.580	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	3430	0.758	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	9321	1.355	ug/L	95

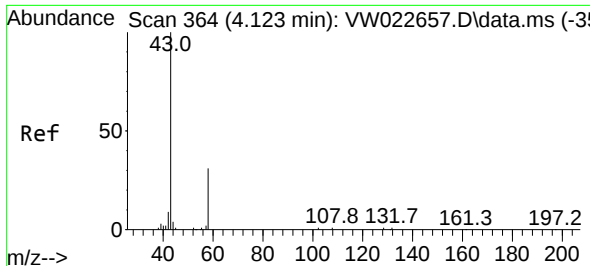
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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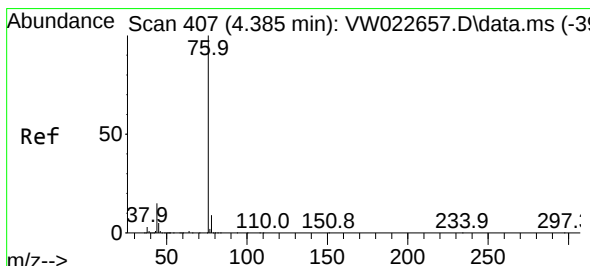
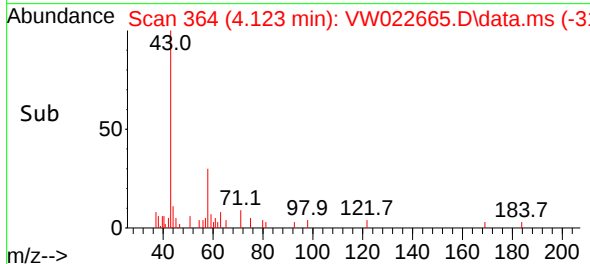
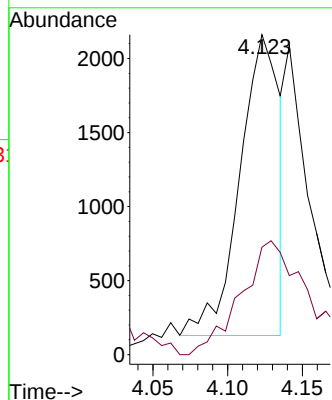
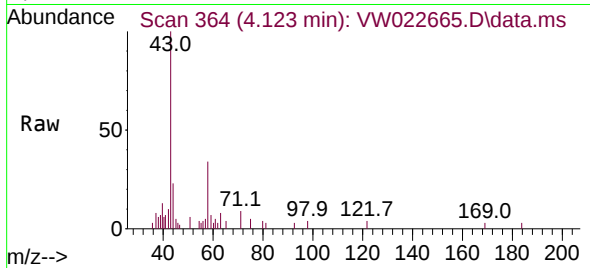




#13
Acetone
Concen: 4.801 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022665.D
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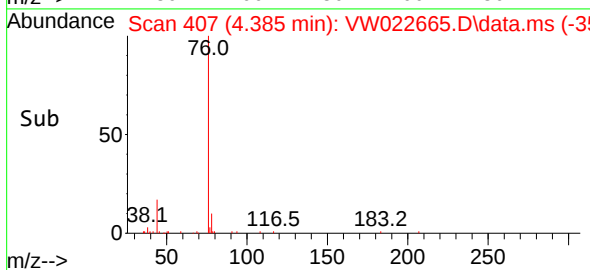
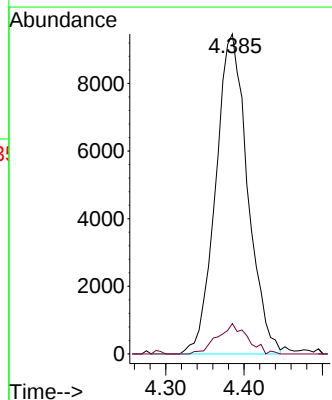
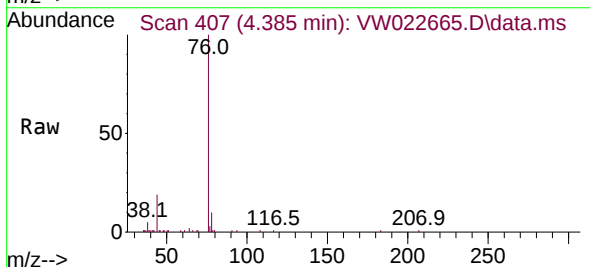
Instrument :
MSVOA_W
ClientSampleId :

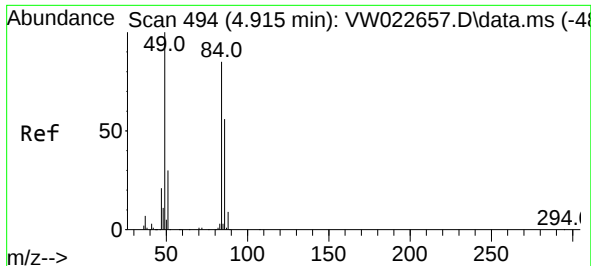
Tgt Ion: 43 Resp: 3754
Ion Ratio Lower Upper
43 100
58 55.9 0.0 57.0



#14
Carbon disulfide
Concen: 2.034 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022665.D
Acq: 28 Apr 2022 15:02

Tgt Ion: 76 Resp: 26807
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4

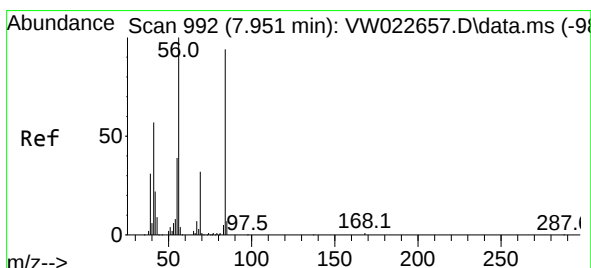
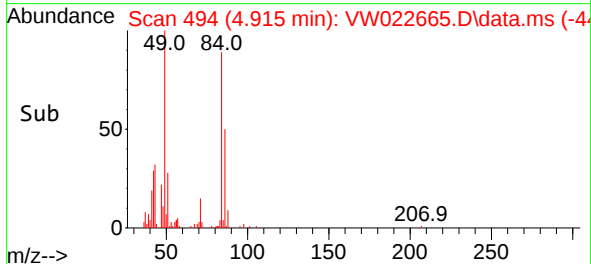
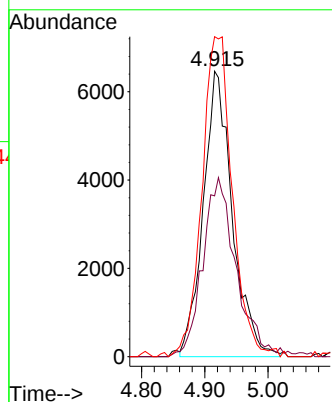
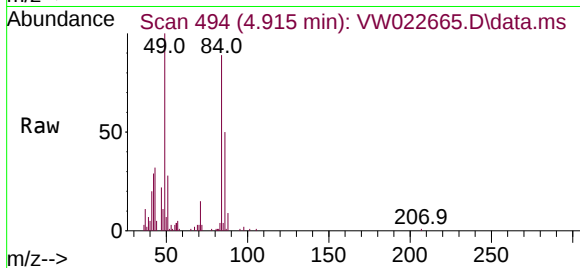




#16
Methylene chloride
Concen: 4.615 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022665.D
Acq: 28 Apr 2022 15:02

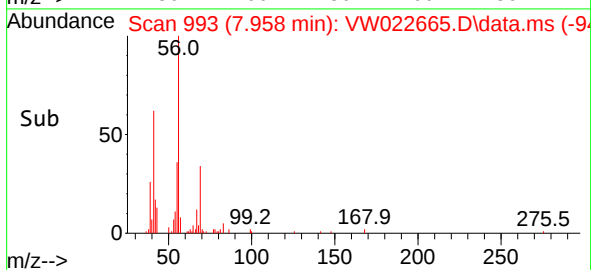
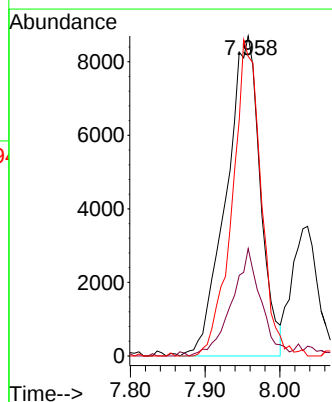
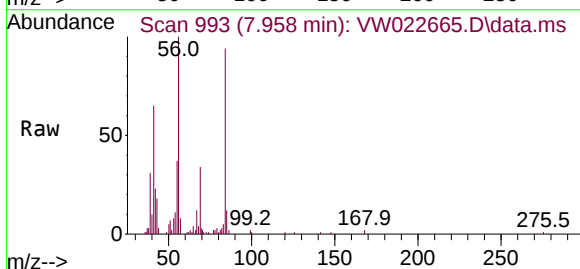
Instrument :
MSVOA_W
ClientSampleId :

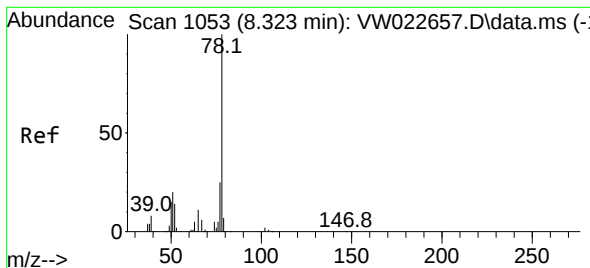
Tgt Ion:	84	Resp:	20666
Ion	Ratio	Lower	Upper
84	100		
86	56.4	42.8	79.4
49	112.1	94.2	175.0



#29
Cyclohexane
Concen: 4.750 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW022665.D
Acq: 28 Apr 2022 15:02

Tgt Ion:	56	Resp:	27567
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.4	36.6
84	83.0	72.6	108.8





#33

Benzene

Concen: 5.871 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW022665.D

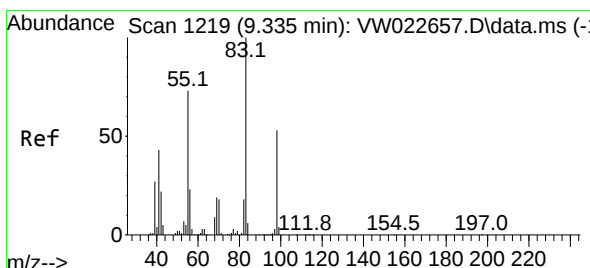
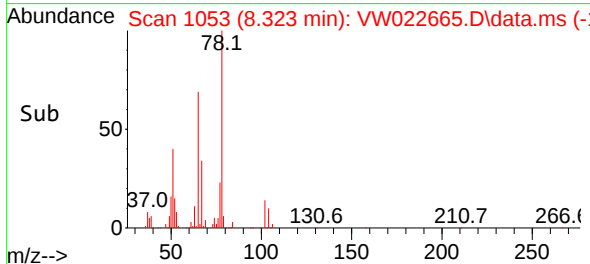
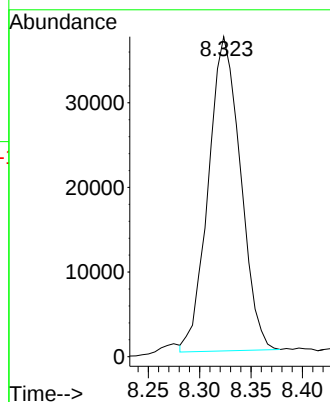
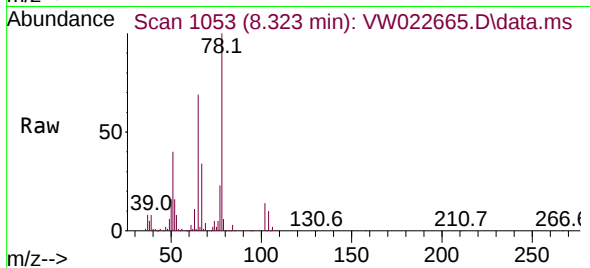
Acq: 28 Apr 2022 15:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 80829



#35

Methylcyclohexane

Concen: 5.522 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022665.D

Acq: 28 Apr 2022 15:02

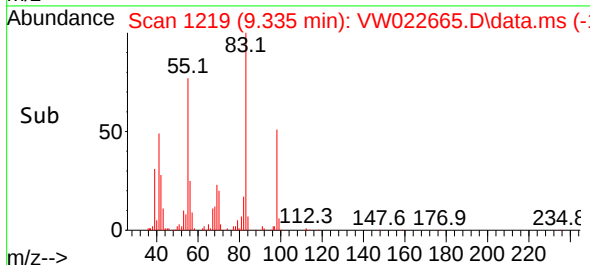
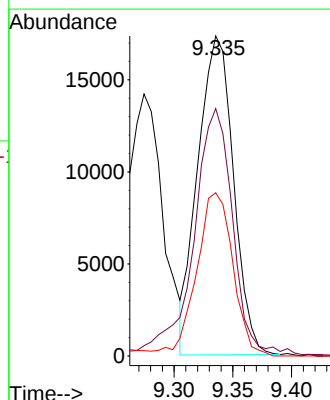
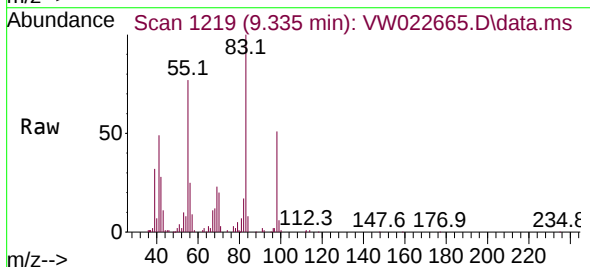
Tgt Ion: 83 Resp: 36520

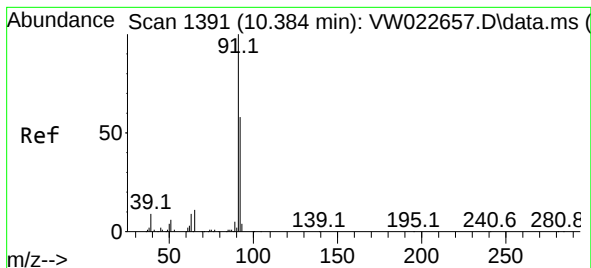
Ion Ratio Lower Upper

83 100

55 84.8 61.0 91.6

98 51.3 39.2 58.8





#42

Toluene

Concen: 10.114 ug/L

RT: 10.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022665.D

Acq: 28 Apr 2022 15:02

Instrument :

MSVOA_W

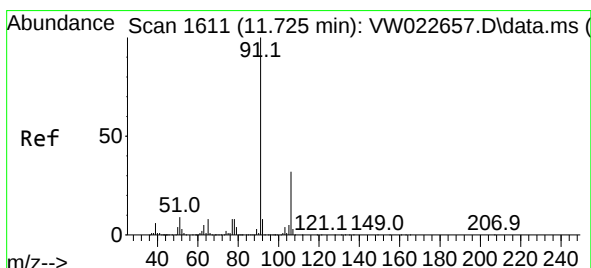
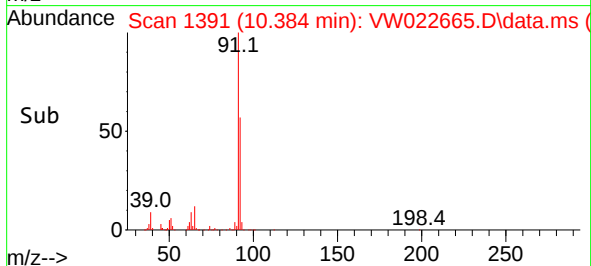
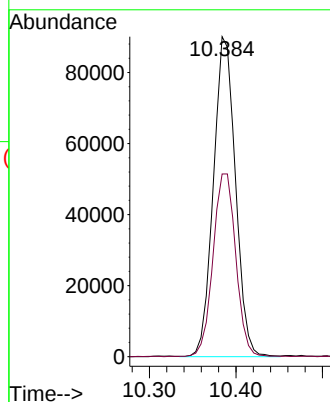
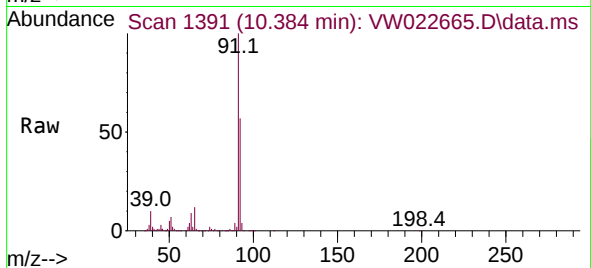
ClientSampleId :

Tgt Ion: 91 Resp: 159562

Ion Ratio Lower Upper

91 100

92 57.1 38.0 70.6



#52

Ethylbenzene

Concen: 1.877 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW022665.D

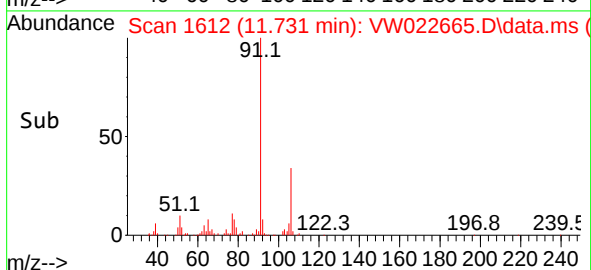
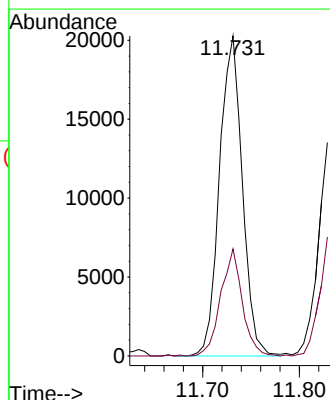
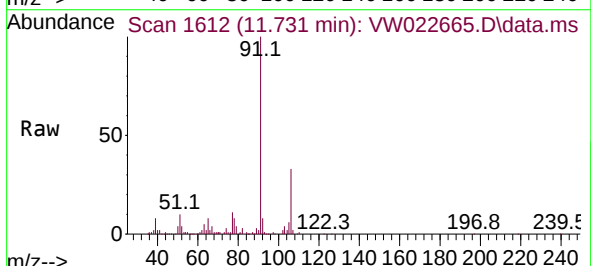
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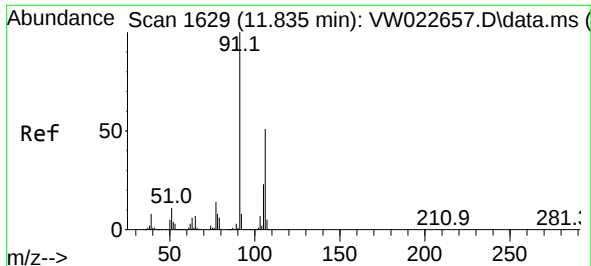
Tgt Ion: 91 Resp: 33197

Ion Ratio Lower Upper

91 100

106 33.4 20.5 38.1

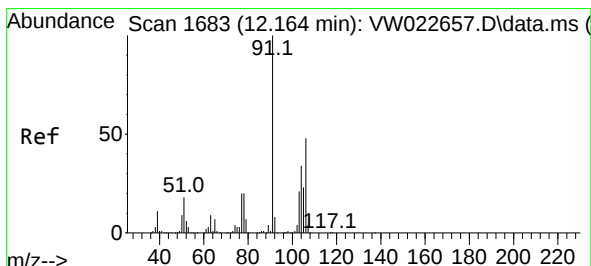
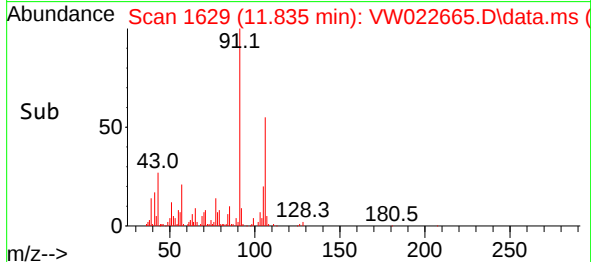
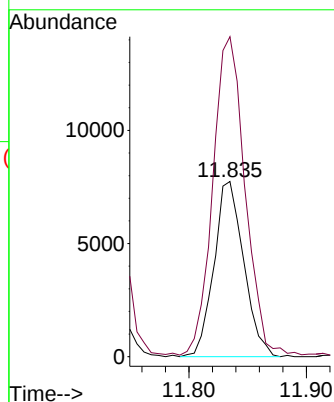
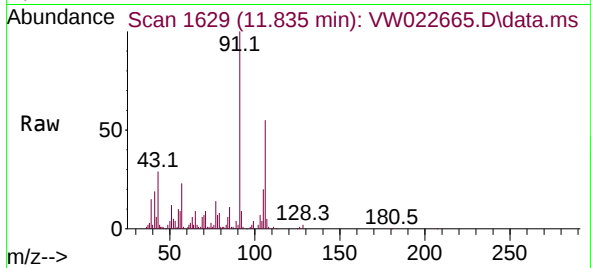




#53
m,p-Xylene
Concen: 2.025 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022665.D
Acq: 28 Apr 2022 15:02

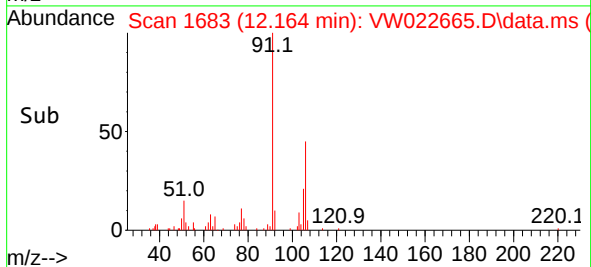
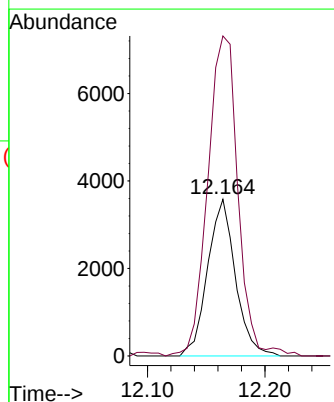
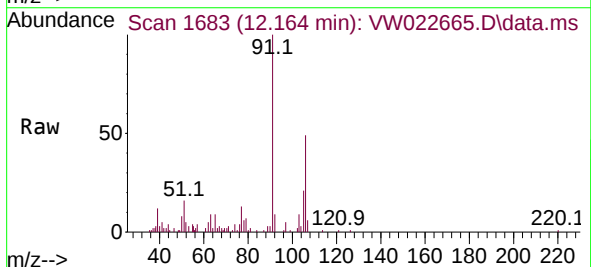
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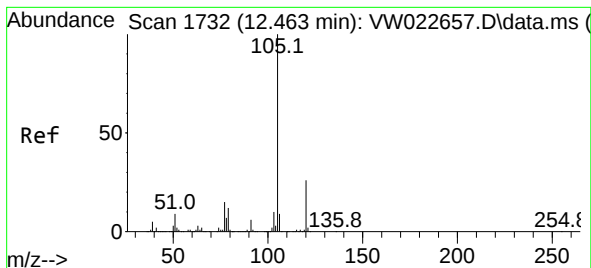
Tgt Ion:106 Resp: 13613
Ion Ratio Lower Upper
106 100
91 182.7 149.9 278.5



#54
o-Xylene
Concen: 0.917 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022665.D
Acq: 28 Apr 2022 15:02

Tgt Ion:106 Resp: 5894
Ion Ratio Lower Upper
106 100
91 204.2 155.3 288.3





#60

Isopropylbenzene

Concen: 0.580 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022665.D

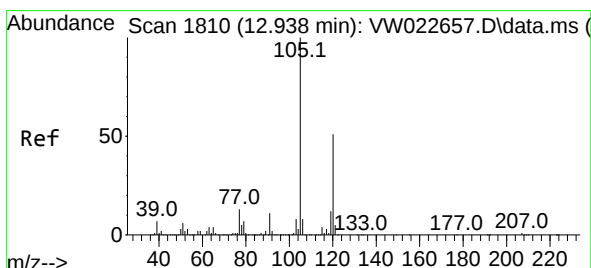
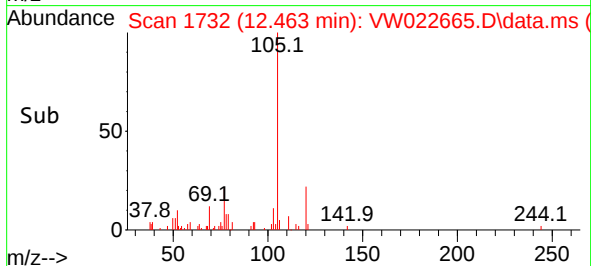
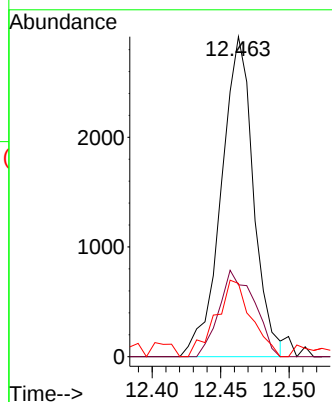
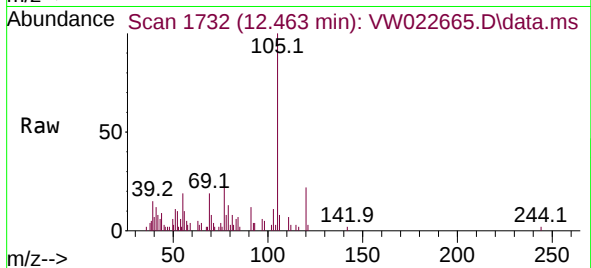
Acq: 28 Apr 2022 15:02

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ClientSampleId :

Tgt Ion:105	Resp:	4771
Ion Ratio	Lower	Upper
105	100	
120	29.4	20.9 31.3
77	26.2	13.7 20.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.758 ug/L

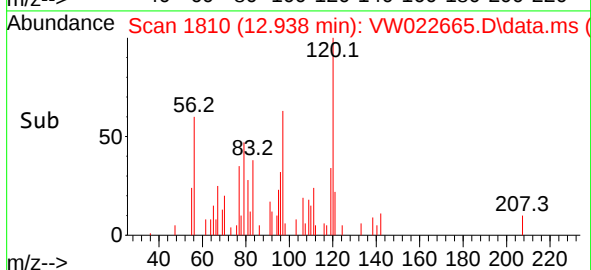
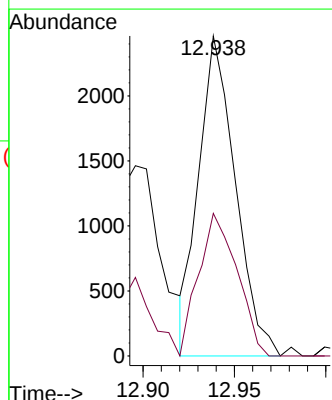
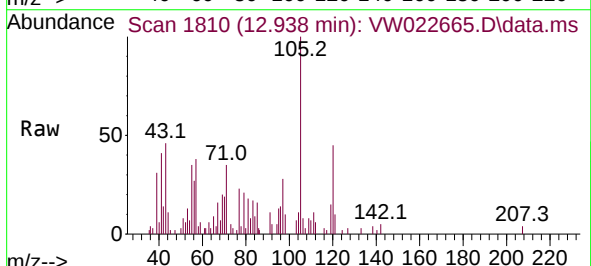
RT: 12.938 min Scan# 1810

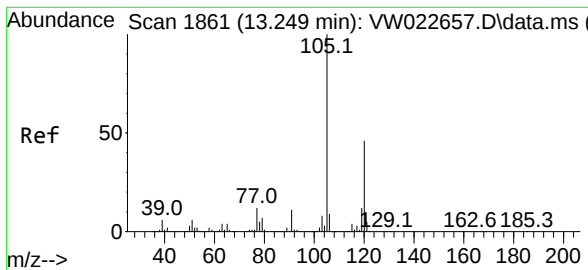
Delta R.T. 0.000 min

Lab File: VW022665.D

Acq: 28 Apr 2022 15:02

Tgt Ion:105	Resp:	3430
Ion Ratio	Lower	Upper
105	100	
120	46.9	37.5 56.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.355 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022665.D
 Acq: 28 Apr 2022 15:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	105	Resp:	9321
Ion Ratio	Lower	Upper	
105	100		
120	45.9	34.2	51.2

