

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019834.D
 Acq On : 20 Aug 2021 15:21
 Operator : SY/VA
 Sample : M3486-02RE
 Misc : 7.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:36:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

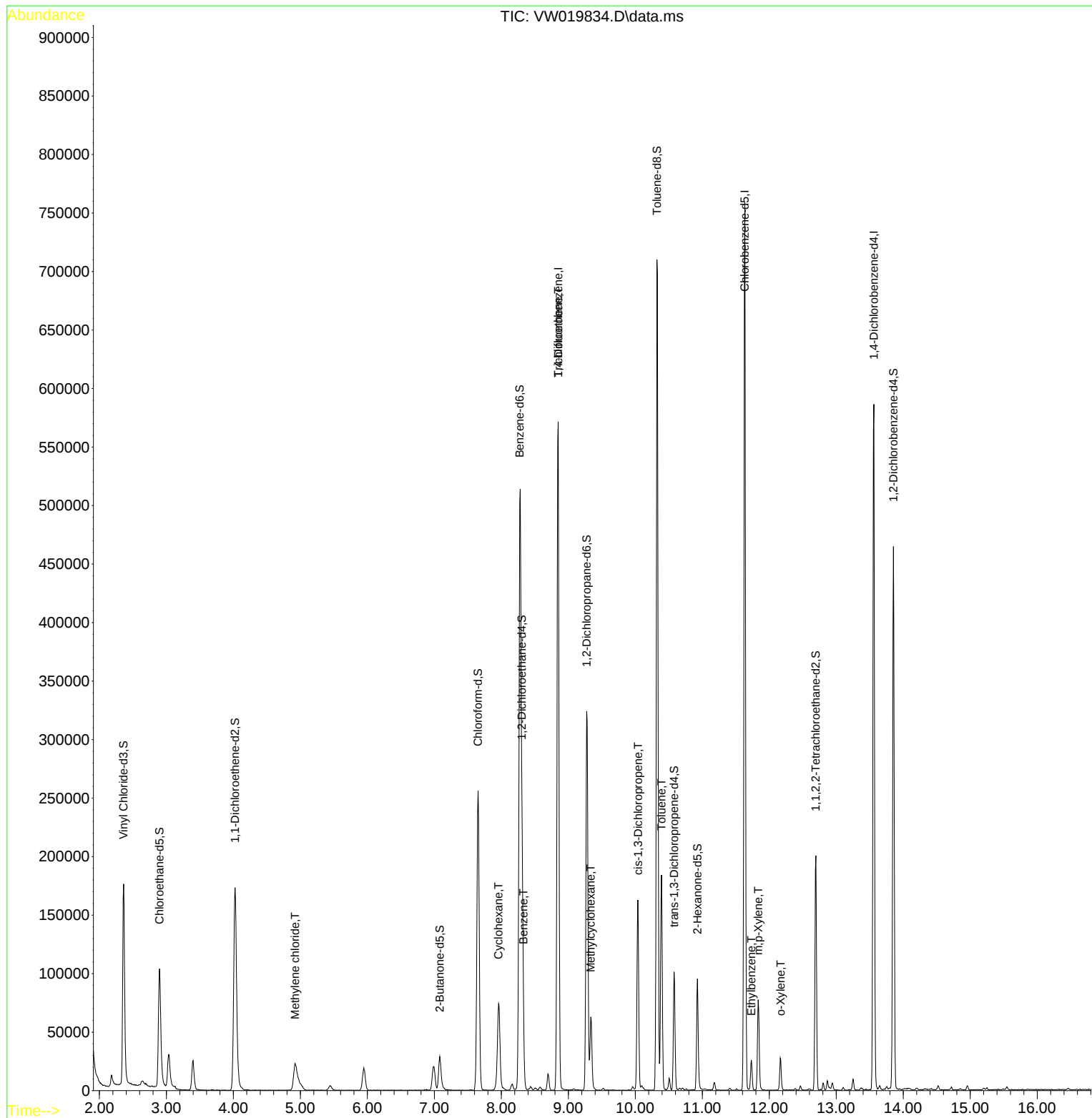
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	467961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	150983	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	169370	23.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
7) Chloroethane-d5	2.898	69	139139	21.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	4.025	63	188035	14.946	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.800%
21) 2-Butanone-d5	7.080	46	45694	31.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.060%
24) Chloroform-d	7.653	84	255796	19.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.520%
26) 1,2-Dichloroethane-d4	8.305	65	130247	18.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.120%
32) Benzene-d6	8.275	84	528895	22.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.274	67	151230	21.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.680%
41) Toluene-d8	10.323	98	455667	21.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.579	79	55412	18.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.000%
47) 2-Hexanone-d5	10.927	63	30092	30.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.180%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98958	17.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	114160	22.043	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.160%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	18465	2.299	ug/L	86
29) Cyclohexane	7.958	56	35823	3.730	ug/L	95
33) Benzene	8.330	78	22131	0.882	ug/L	100
34) Trichloroethene	8.848	95	14584	2.235	ug/L #	5
35) Methylcyclohexane	9.335	83	21630	1.933	ug/L	93
39) cis-1,3-Dichloropropene	10.043	75	4191	0.458	ug/L #	54
42) Toluene	10.390	91	133944	5.038	ug/L	99
52) Ethylbenzene	11.731	91	16739	0.585	ug/L	92
53) m,p-Xylene	11.835	106	21408	1.948	ug/L	98
54) o-Xylene	12.170	106	6926	0.666	ug/L	90

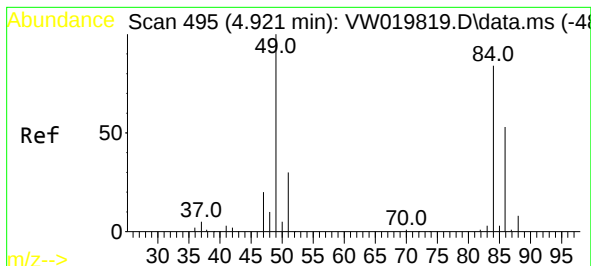
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

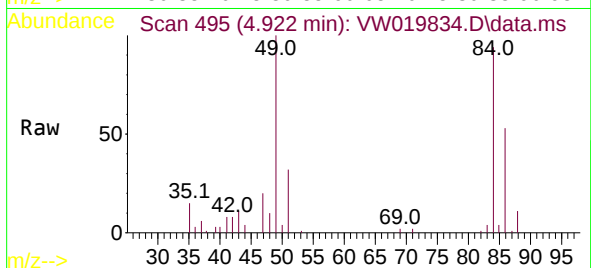
Quant Time: Aug 20 23:36:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration





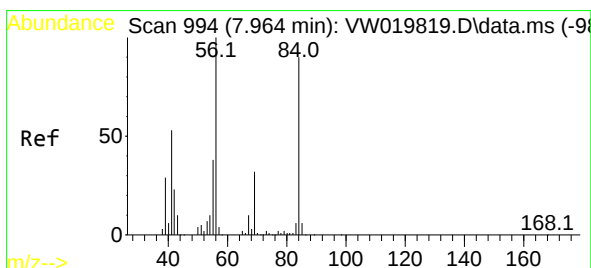
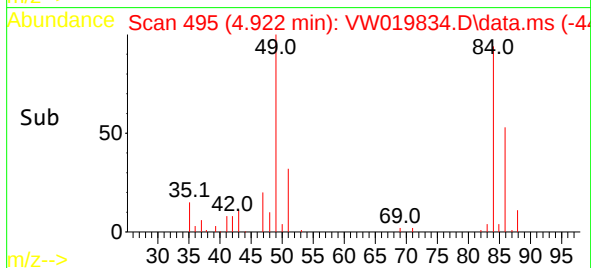
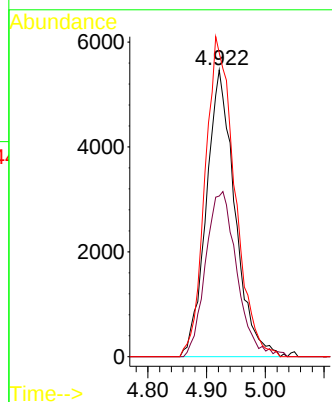
#16
Methylene chloride
Concen: 2.299 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21

Instrument :
MSVOA_W
ClientSampled :

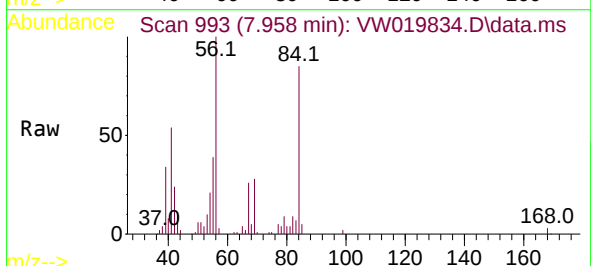


Tgt Ion: 84 Resp: 18465

Ion	Ratio	Lower	Upper
84	100		
86	56.1	45.3	84.1
49	106.0	86.6	160.8

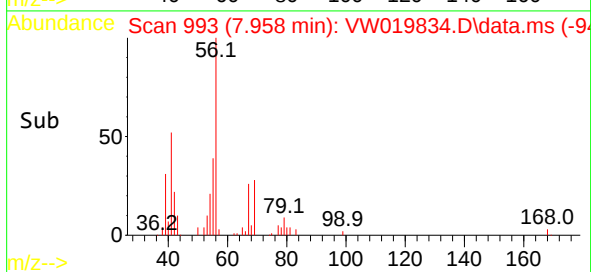
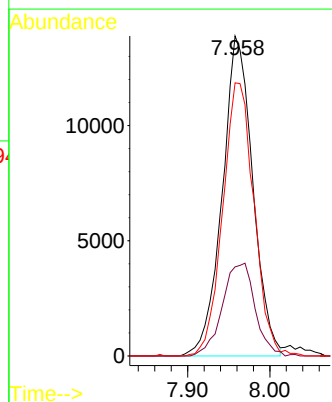


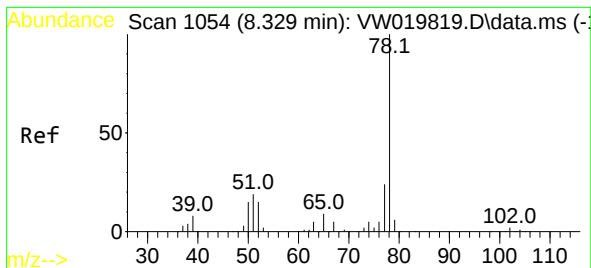
#29
Cyclohexane
Concen: 3.730 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21



Tgt Ion: 56 Resp: 35823

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	87.5	75.0	112.4





#33

Benzene

Concen: 0.882 ug/L

RT: 8.330 min Scan# 1054

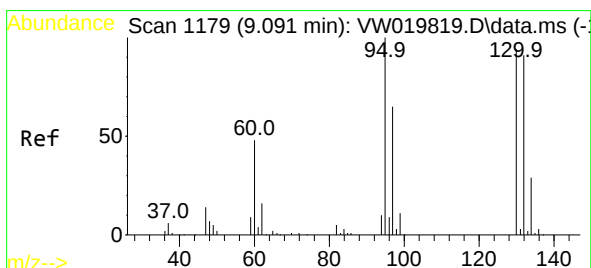
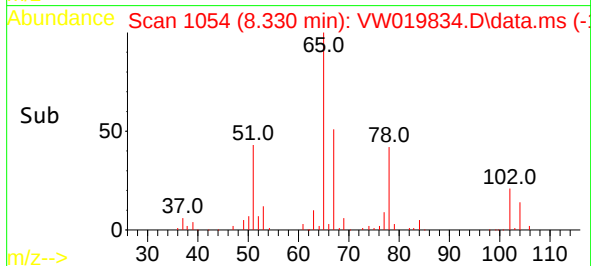
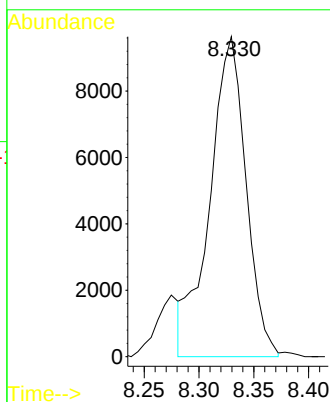
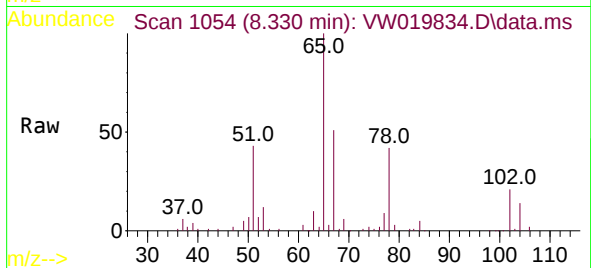
Delta R.T. 0.000 min

Lab File: VW019834.D

Acq: 20 Aug 2021 15:21

Tgt Ion: 78 Resp: 22131

Instrument :
MSVOA_W
ClientSampled :



#34

Trichloroethene

Concen: 2.235 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

Lab File: VW019834.D

Acq: 20 Aug 2021 15:21

Tgt Ion: 95 Resp: 14584

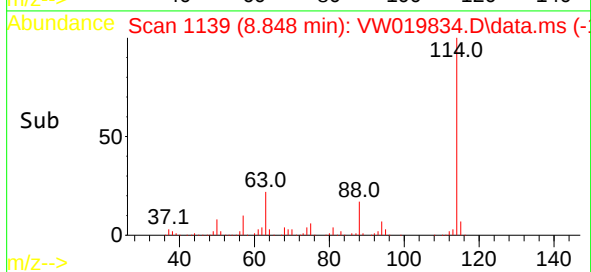
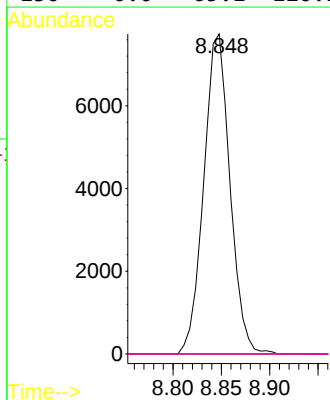
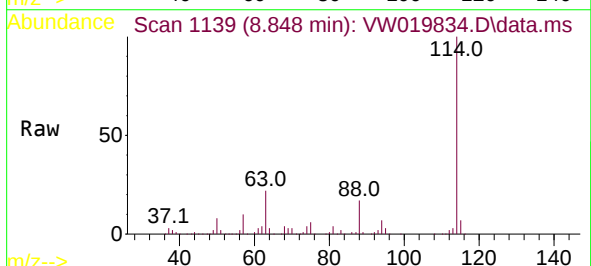
Ion Ratio Lower Upper

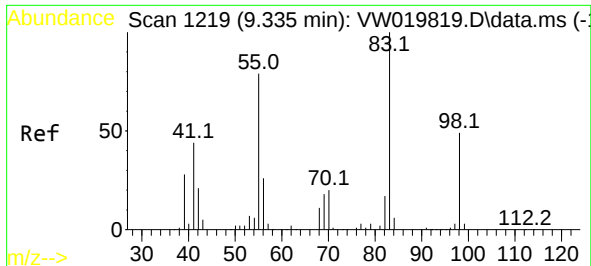
95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#

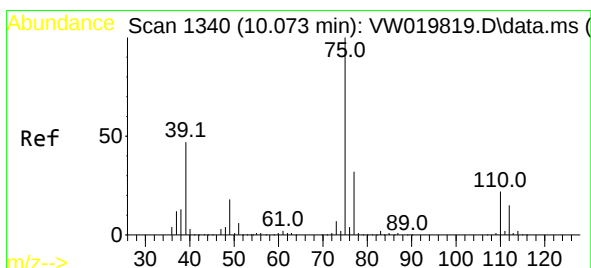
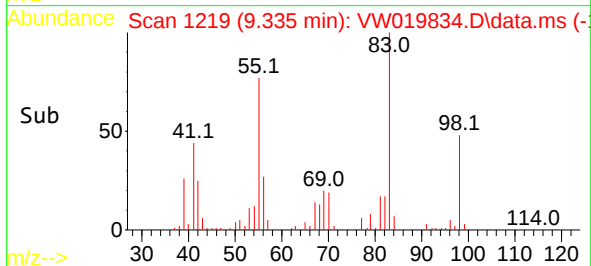
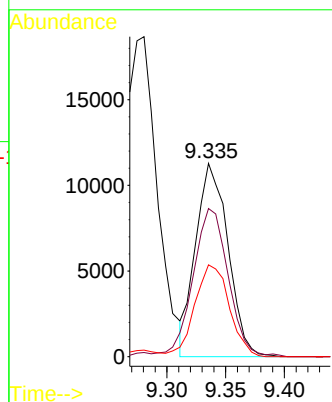
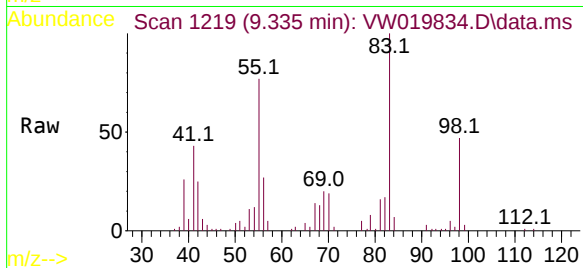




#35
Methylcyclohexane
Concen: 1.933 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21

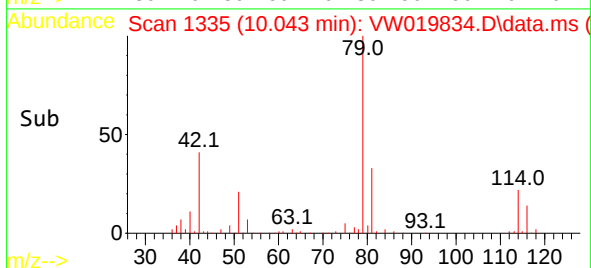
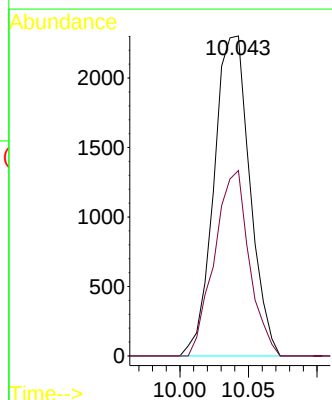
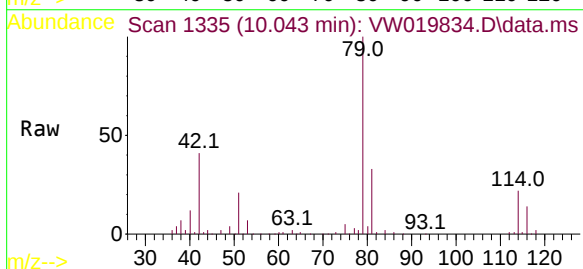
Instrument :
MSVOA_W
ClientSampled :

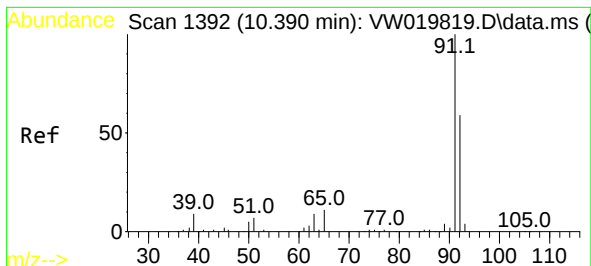
Tgt Ion: 83 Resp: 21630
Ion Ratio Lower Upper
83 100
55 83.5 58.9 88.3
98 50.5 40.1 60.1



#39
cis-1,3-Dichloropropene
Concen: 0.458 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 75 Resp: 4191
Ion Ratio Lower Upper
75 100
77 58.0 22.6 42.0#





#42

Toluene

Concen: 5.038 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019834.D

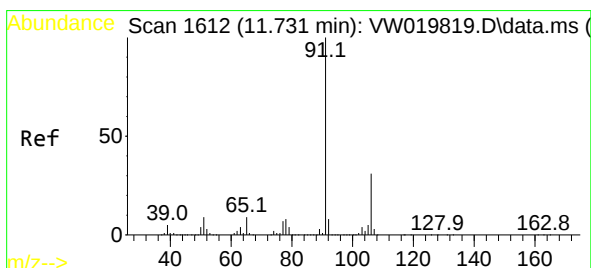
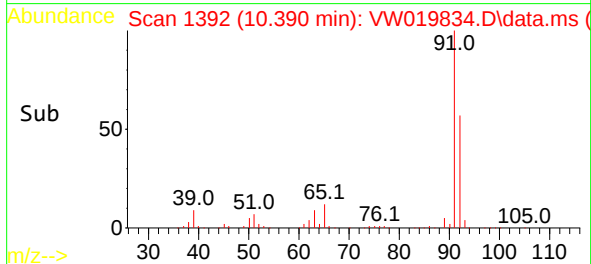
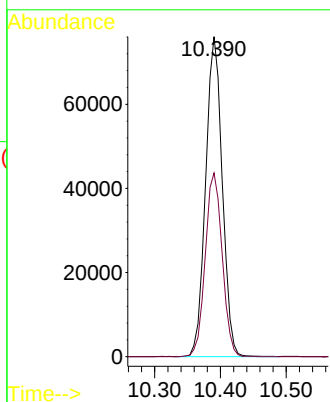
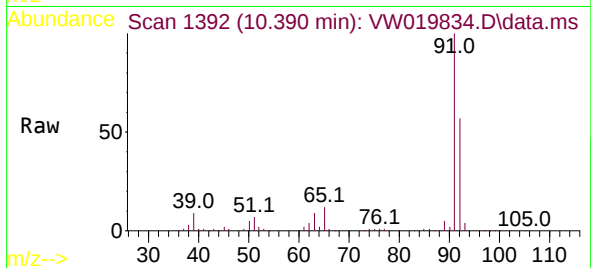
Acq: 20 Aug 2021 15:21

Tgt Ion: 91 Resp: 133944

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.3



#52

Ethylbenzene

Concen: 0.585 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW019834.D

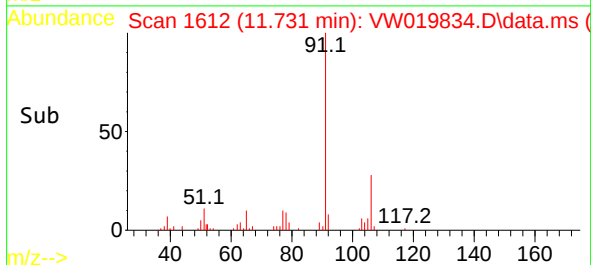
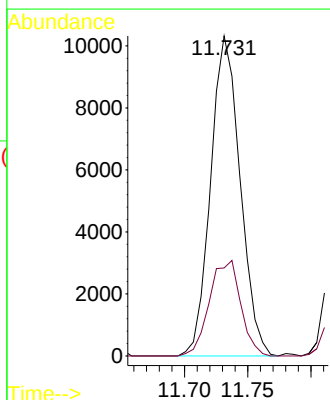
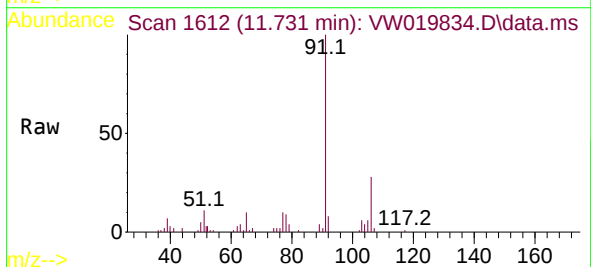
Acq: 20 Aug 2021 15:21

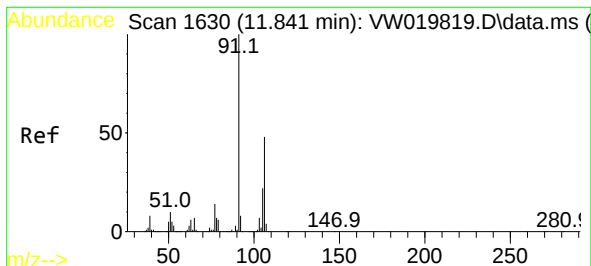
Tgt Ion: 91 Resp: 16739

Ion Ratio Lower Upper

91 100

106 27.5 22.5 41.7

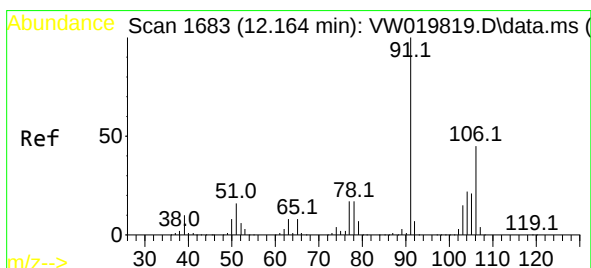
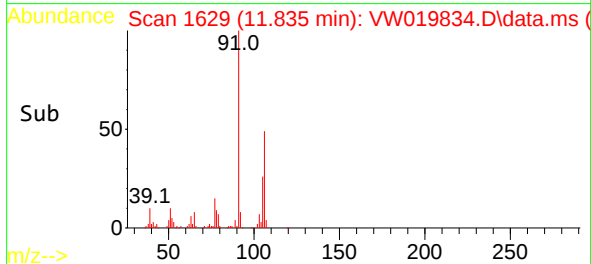
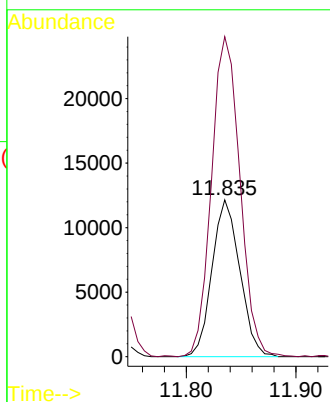
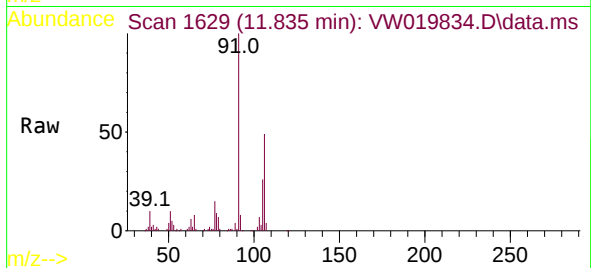




#53
m,p-Xylene
Concen: 1.948 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:106 Resp: 21408
Ion Ratio Lower Upper
106 100
91 204.1 141.3 262.3



#54
o-Xylene
Concen: 0.666 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019834.D
Acq: 20 Aug 2021 15:21

Tgt Ion:106 Resp: 6926
Ion Ratio Lower Upper
106 100
91 229.6 150.0 278.6

