

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020487.D
 Acq On : 14 Oct 2021 12:22
 Operator : SY/VA
 Sample : M4181-19RE
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B28RE

Quant Time: Oct 14 23:36:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 23:35:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	176784	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	87282	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	69572	27.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
7) Chloroethane-d5	2.879	69	41393	30.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.840%
11) 1,1-Dichloroethene-d2	4.013	63	92187	17.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.960%
21) 2-Butanone-d5	7.086	46	31029	39.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.280%
24) Chloroform-d	7.653	84	146438	25.986	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.960%
26) 1,2-Dichloroethane-d4	8.311	65	72359	22.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.920%
32) Benzene-d6	8.274	84	261999	45.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	182.520%#
36) 1,2-Dichloropropane-d6	9.274	67	88606	47.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.400%#
41) Toluene-d8	10.323	98	173634	33.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.840%#
43) trans-1,3-Dichloroprop...	10.579	79	16104	21.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.926	63	15378	53.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	43067	30.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.800%#
66) 1,2-Dichlorobenzene-d4	13.853	152	12595	29.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.720%
Target Compounds						Qvalue
22) 2-Butanone	7.153	43	2099	2.333	ug/L #	51
29) Cyclohexane	7.951	56	2157	0.844	ug/L #	67
33) Benzene	8.323	78	11126	1.790	ug/L	100
34) Trichloroethene	8.848	95	5695	3.718	ug/L #	8
35) Methylcyclohexane	9.335	83	5447	2.078	ug/L	94
39) cis-1,3-Dichloropropene	10.036	75	1592	0.717	ug/L #	75
42) Toluene	10.390	91	26202	4.202	ug/L	98
48) 2-Hexanone	10.926	43	3003	4.236	ug/L #	66
52) Ethylbenzene	11.731	91	3354	0.496	ug/L	93
53) m,p-Xylene	11.835	106	3629	1.448	ug/L	97
54) o-Xylene	12.170	106	2643	1.142	ug/L	97
60) Isopropylbenzene	12.463	105	1190	0.754	ug/L	98
61) 1,2,3-Trichloropropane	13.554	75	1451	6.122	ug/L #	56
62) 1,3,5-Trimethylbenzene	12.944	105	477	0.370	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1862	1.458	ug/L	94
71) Naphthalene	15.365	128	589	0.849	ug/L #	69

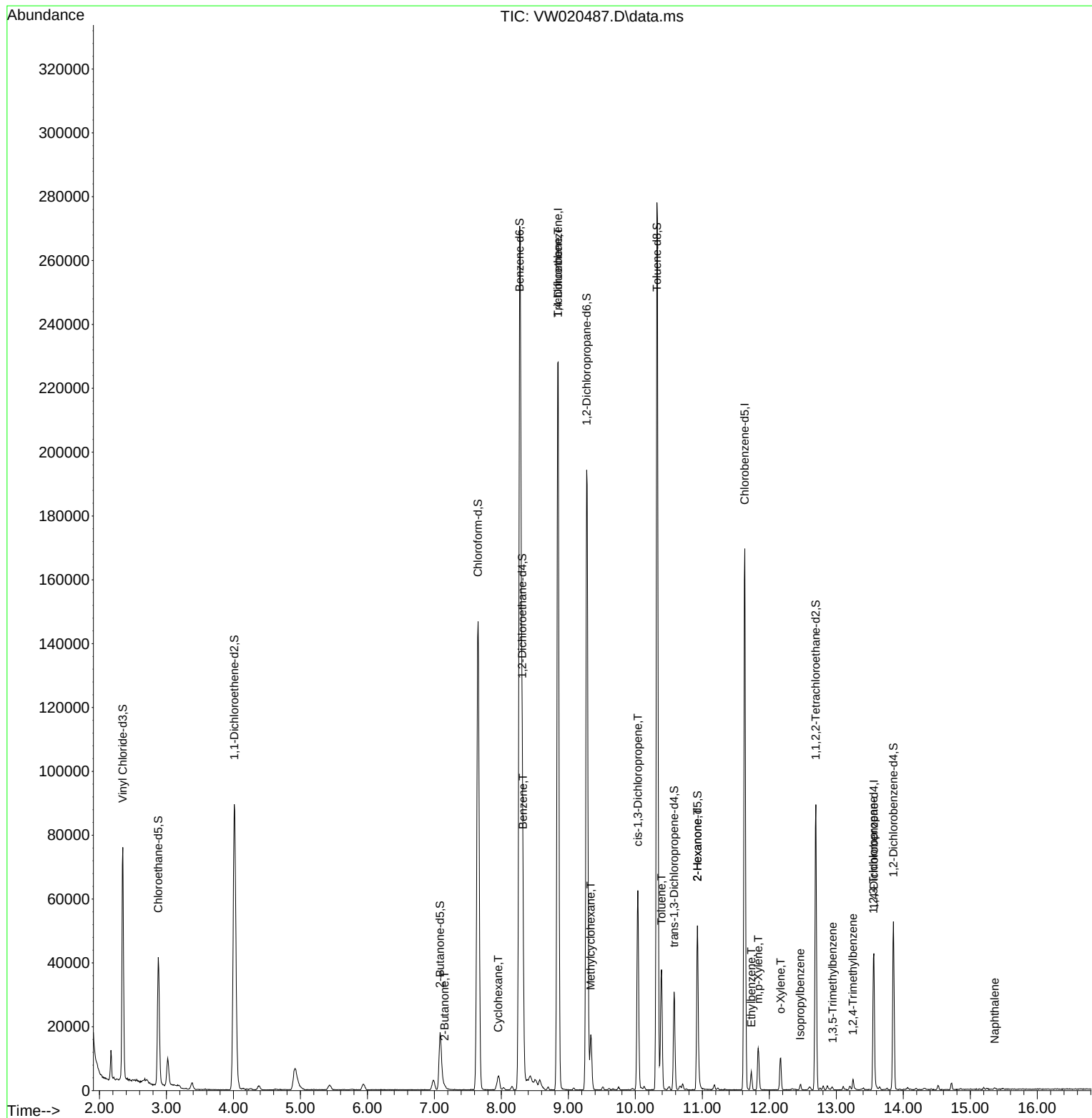
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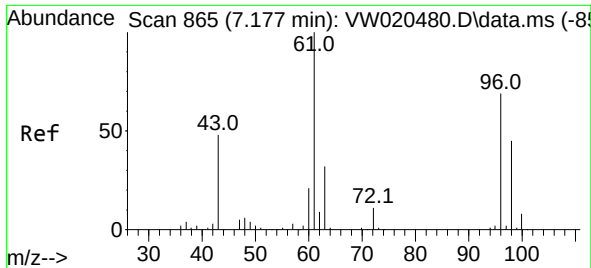
Instrument :
MSVOA_W
ClientSampleId :
C0B28RE

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 14 23:35:04 2021
Response via : Initial Calibration

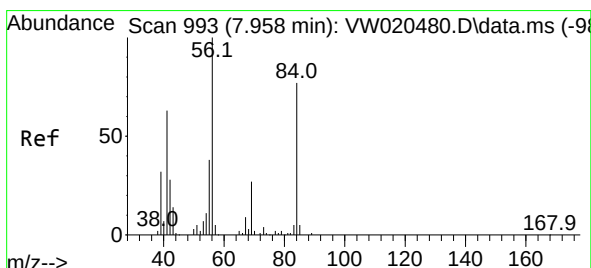
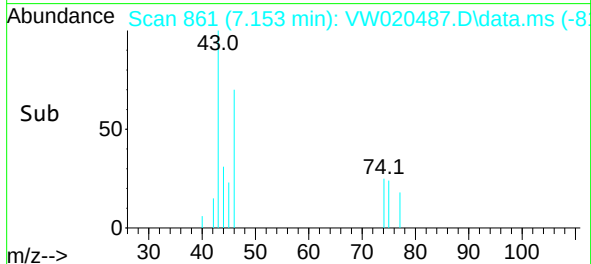
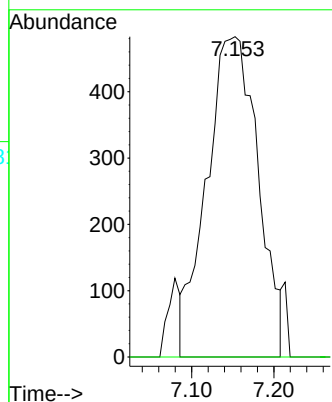
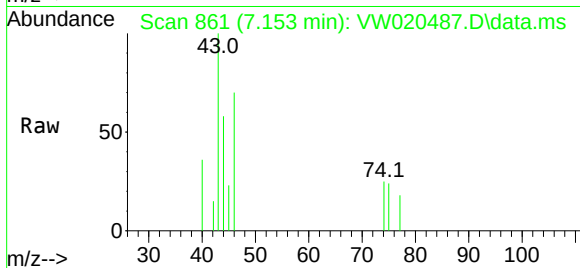




#22
2-Butanone
Concen: 2.333 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.025 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

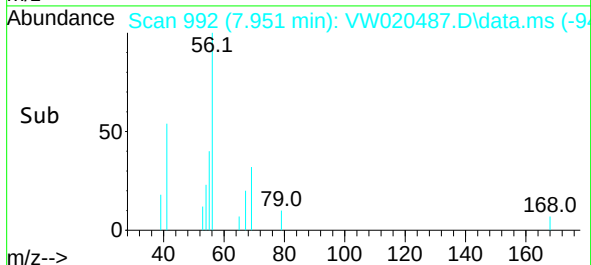
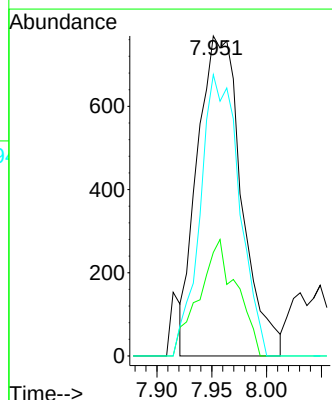
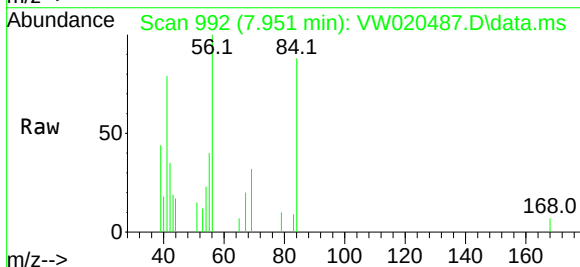
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MSVOA_W
ClientSampled :
C0B28RE

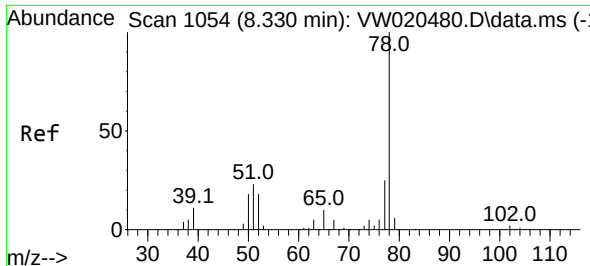
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#



#29
Cyclohexane
Concen: 0.844 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 22.2 23.2 34.8#
84 43.6 63.7 95.5#

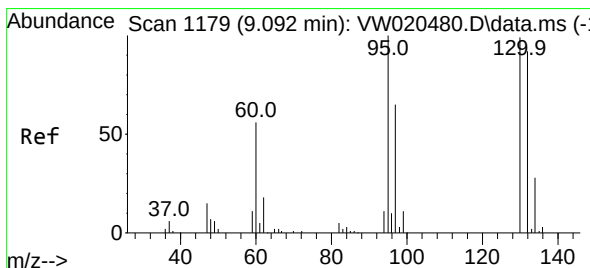
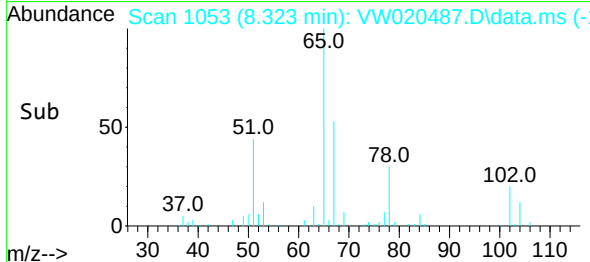
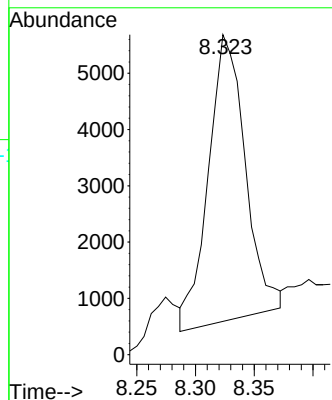
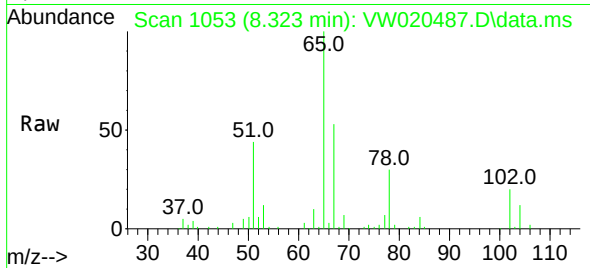




#33
Benzene
Concen: 1.790 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

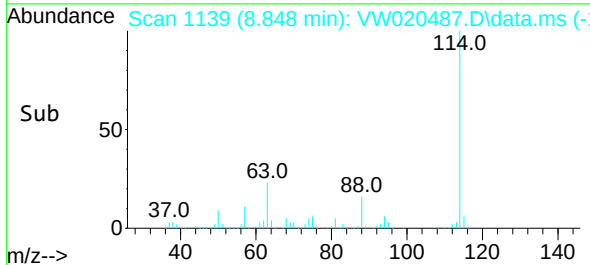
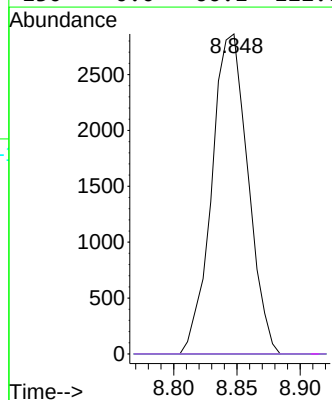
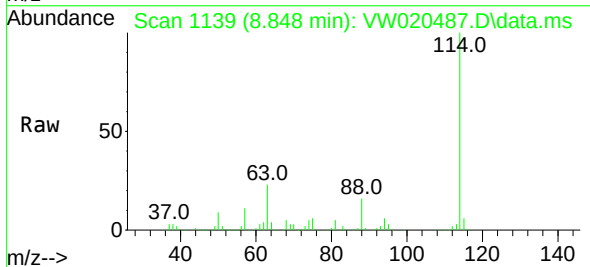
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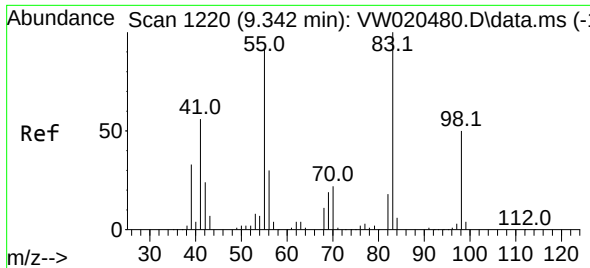
Tgt Ion: 78 Resp: 11126



#34
Trichloroethene
Concen: 3.718 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 95 Resp: 5695
Ion Ratio Lower Upper
95 100
97 0.0 43.2 80.2#
132 0.0 62.3 115.7#
130 0.0 66.1 122.7#

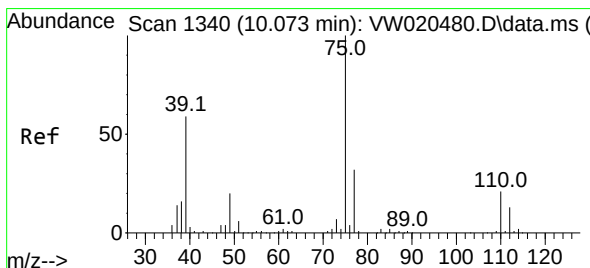
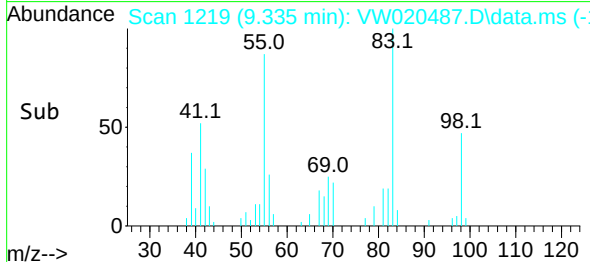
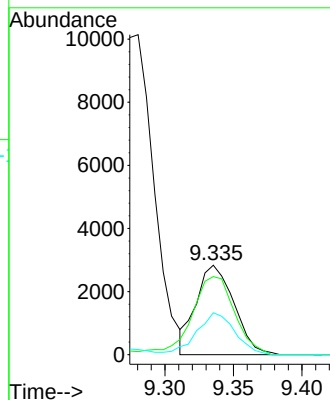
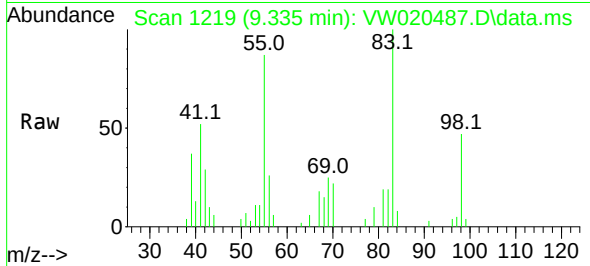




#35
Methylcyclohexane
Concen: 2.078 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

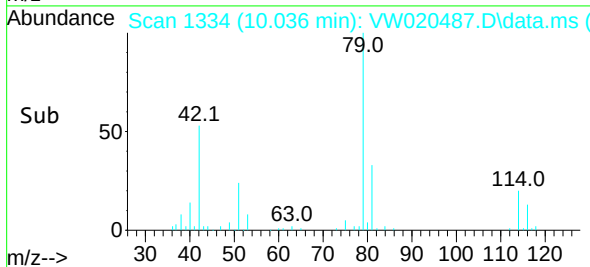
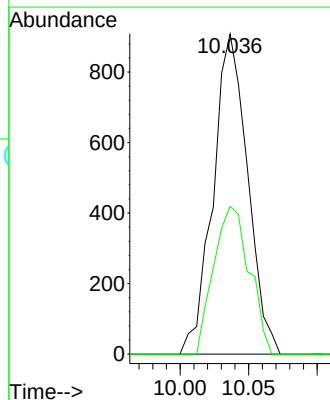
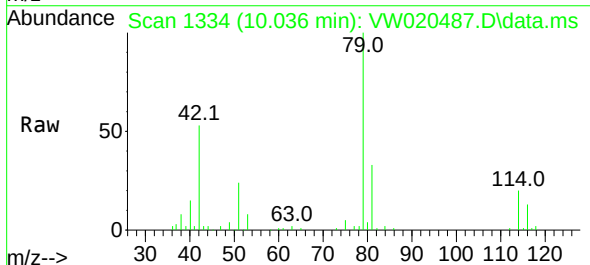
Instrument :
MSVOA_W
ClientSampled :
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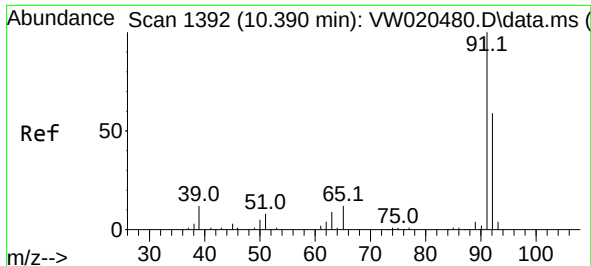
Tgt Ion:	83	Resp:	5447
Ion	Ratio	Lower	Upper
83	100		
55	95.7	69.7	104.5
98	47.1	38.2	57.2



#39
cis-1,3-Dichloropropene
Concen: 0.717 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:	75	Resp:	1592
Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.4	41.6#





#42

Toluene

Concen: 4.202 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020487.D

Acq: 14 Oct 2021 12:22

Tgt Ion: 91 Resp: 26202

Ion Ratio Lower Upper

91 100

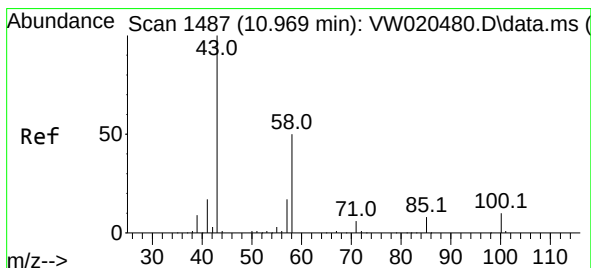
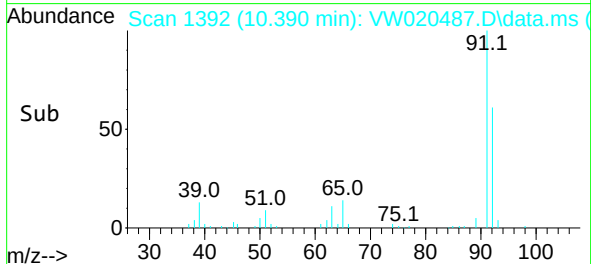
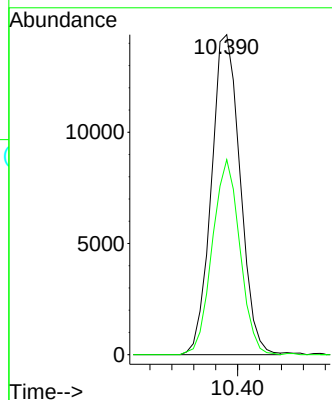
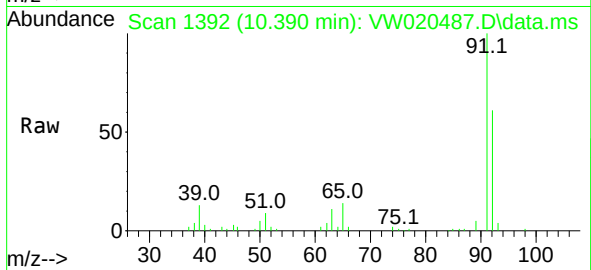
92 60.9 41.5 77.1

Instrument :

MSVOA_W

ClientSampleId :

C0B28RE



#48

2-Hexanone

Concen: 4.236 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW020487.D

Acq: 14 Oct 2021 12:22

Tgt Ion: 43 Resp: 3003

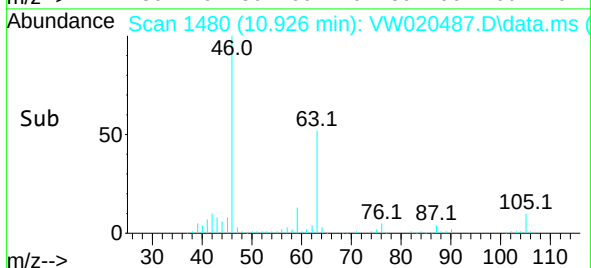
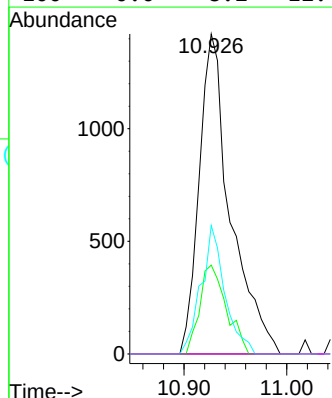
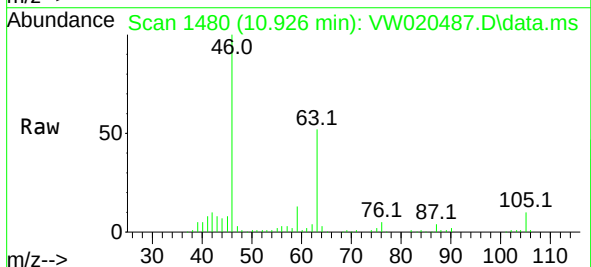
Ion Ratio Lower Upper

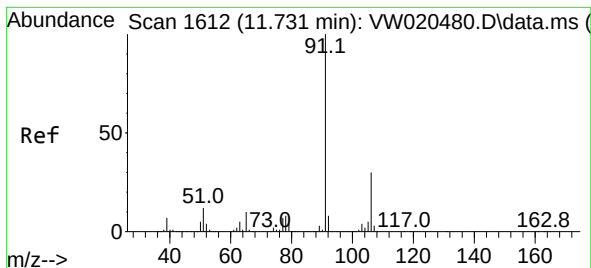
43 100

58 23.7 39.5 59.3#

57 30.6 14.2 21.4#

100 0.0 8.2 12.4#

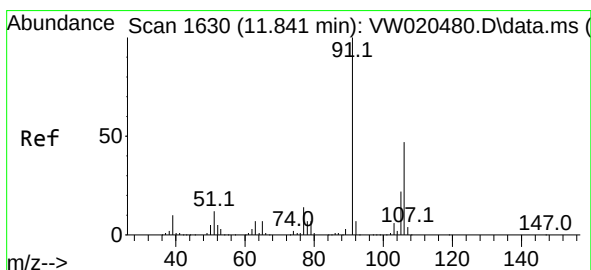
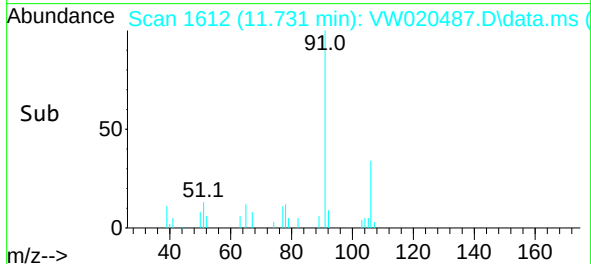
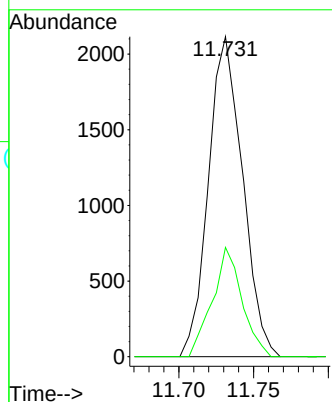
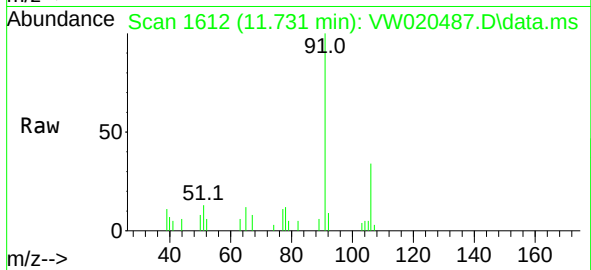




#52
Ethylbenzene
Concen: 0.496 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

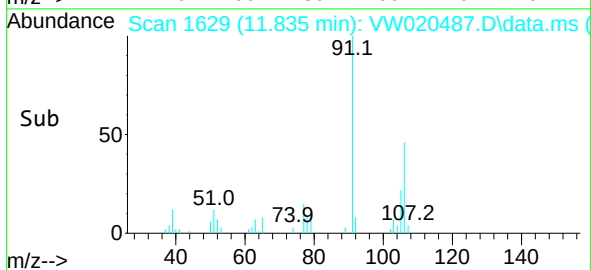
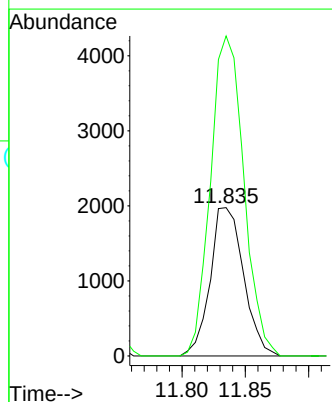
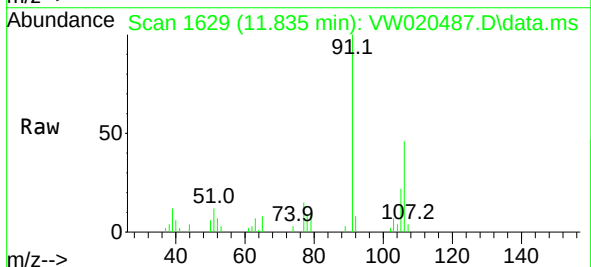
Instrument :
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ClientSampleId :
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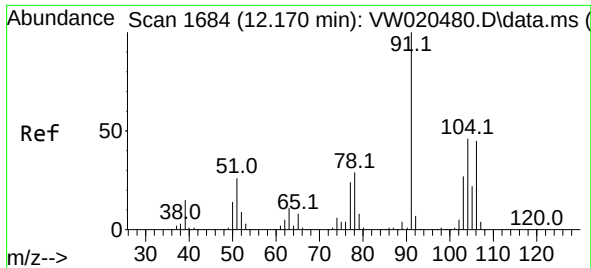
Tgt Ion: 91 Resp: 3354
Ion Ratio Lower Upper
91 100
106 34.2 21.3 39.5



#53
m,p-Xylene
Concen: 1.448 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 106 Resp: 3629
Ion Ratio Lower Upper
106 100
91 215.7 148.2 275.2

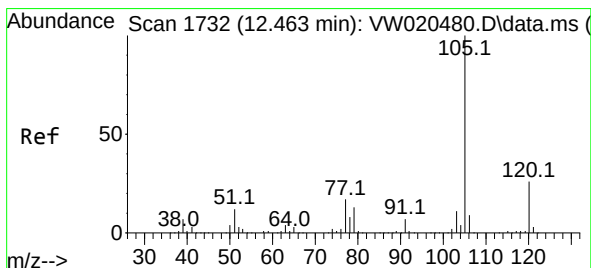
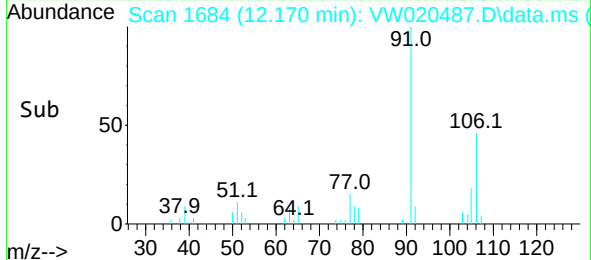
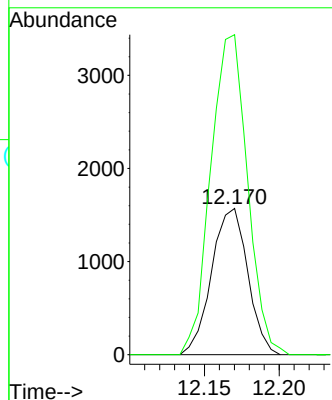
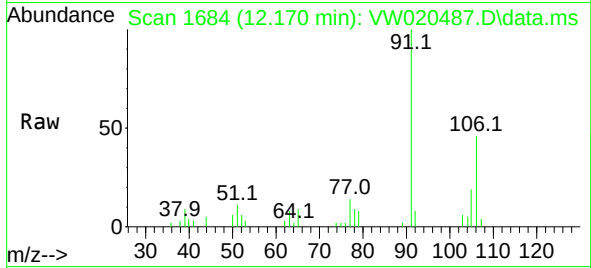




#54
o-Xylene
Concen: 1.142 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

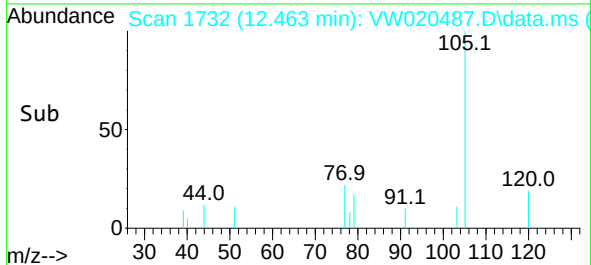
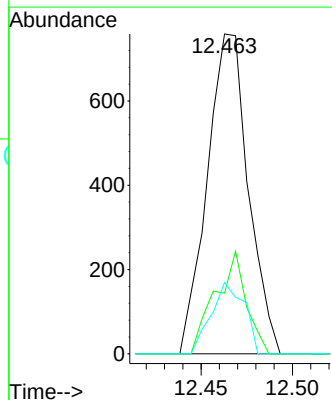
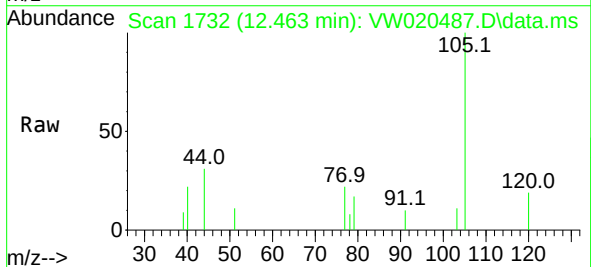
Instrument :
MSVOA_W
ClientSampled :
C0B28RE

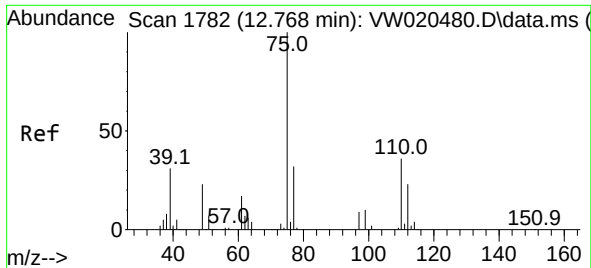
Tgt Ion:106 Resp: 2643
Ion Ratio Lower Upper
106 100
91 218.9 156.1 289.9



#60
Isopropylbenzene
Concen: 0.754 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:105 Resp: 1190
Ion Ratio Lower Upper
105 100
120 24.1 20.3 30.5
77 17.9 13.8 20.6

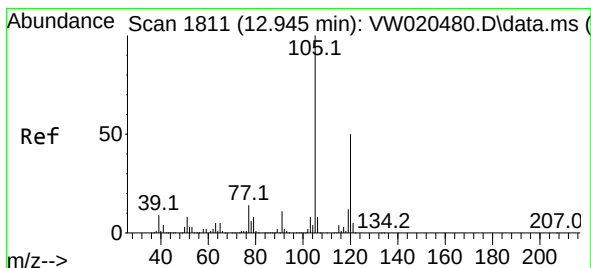
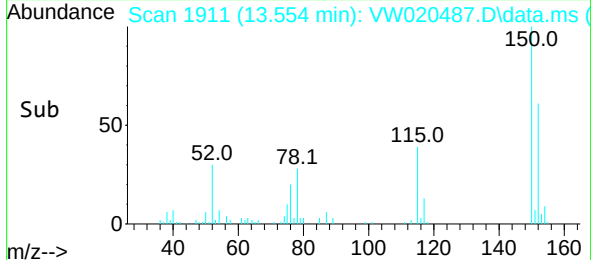
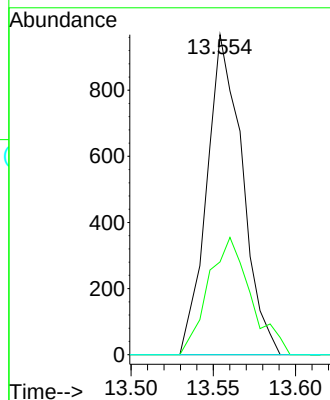
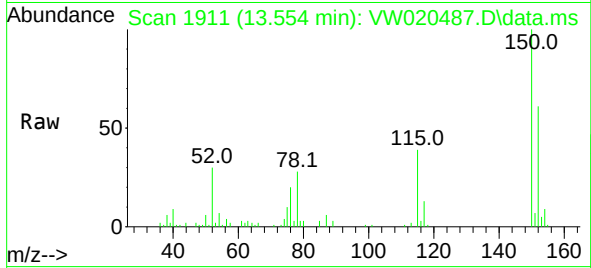




#61
1,2,3-Trichloropropane
Concen: 6.122 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

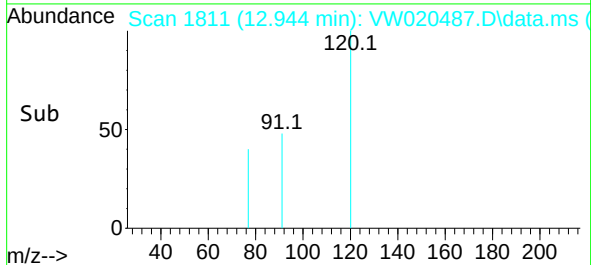
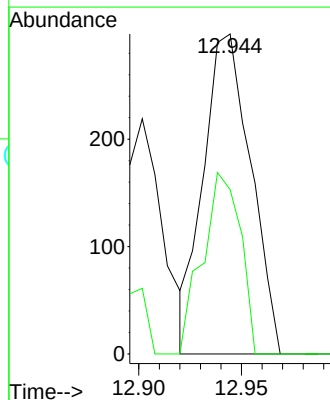
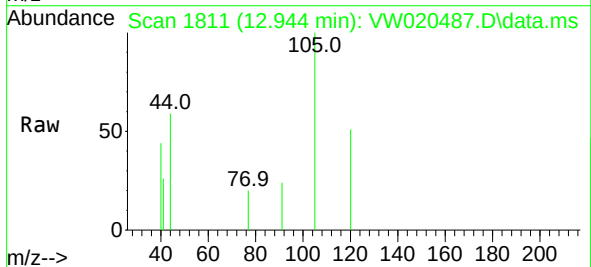
Instrument :
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ClientSampled :
C0B28RE

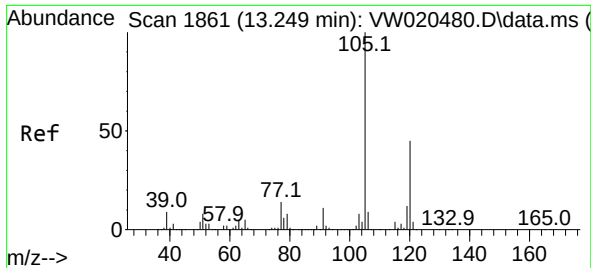
Tgt Ion: 75 Resp: 1451
Ion Ratio Lower Upper
75 100
77 43.9 25.1 37.7#
110 0.0 29.4 44.0#



#62
1,3,5-Trimethylbenzene
Concen: 0.370 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion: 105 Resp: 477
Ion Ratio Lower Upper
105 100
120 45.5 37.9 56.9

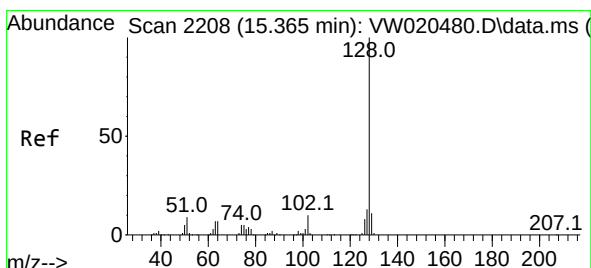
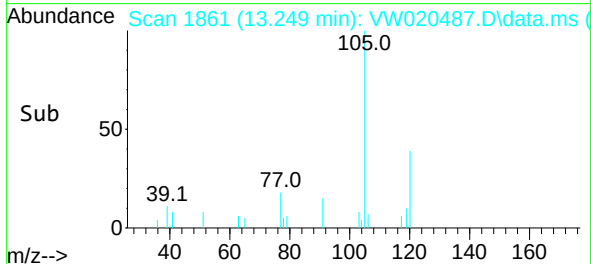
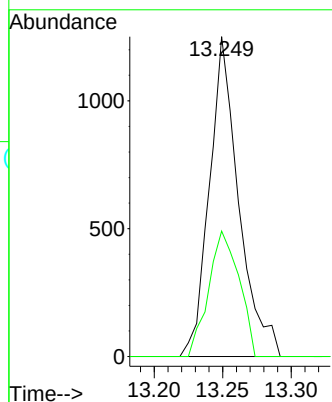
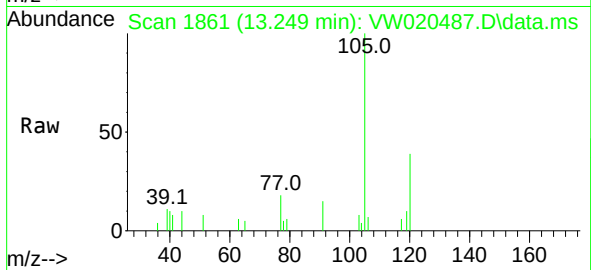




#63
1,2,4-Trimethylbenzene
Concen: 1.458 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :
C0B28RE

Tgt Ion:105 Resp: 1862
Ion Ratio Lower Upper
105 100
120 40.7 35.4 53.2



#71
Naphthalene
Concen: 0.849 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020487.D
Acq: 14 Oct 2021 12:22

Tgt Ion:128 Resp: 589
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

