

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021947.D
 Acq On : 25 Aug 2021 14:24
 Operator : SY/MD
 Sample : M3526-04ME
 Misc : 2.61g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7B6ME

Manual Integrations
 APPROVED

SAM
 8/26/2021 1:08:58 PM

Quant Time: Aug 26 05:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	420686	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	408459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	229704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117178	35.630	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.260%
7) Chloroethane-d5	1.529	69	28975	11.675	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.340%#
11) 1,1-Dichloroethene-d2	2.072	63	142401	27.202	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.400%#
21) 2-Butanone-d5	3.889	46	189118m	92.460	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.460%
24) Chloroform-d	4.339	84	227660	39.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.900%
26) 1,2-Dichloroethane-d4	5.024	65	147990	45.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
32) Benzene-d6	5.040	84	488992	41.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
36) 1,2-Dichloropropane-d6	6.066	67	181743	49.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.380%
41) Toluene-d8	7.313	98	478707	44.094	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.180%
43) trans-1,3-Dichloroprop...	7.622	79	89697	49.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
47) 2-Hexanone-d5	8.104	63	131942	110.059	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.060%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	310312m	68.460	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	136.920%#
66) 1,2-Dichlorobenzene-d4	11.628	152	219330	46.138	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.490	84	6741	1.949	ug/L	92
25) Chloroform	4.375	83	5761	1.031	ug/L #	32
29) Cyclohexane	4.664	56	7677	1.526	ug/L	99
35) Methylcyclohexane	6.108	83	299714	56.875	ug/L #	69
42) Toluene	7.394	91	15442	1.150	ug/L	91
62) 1,3,5-Trimethylbenzene	10.542	105	17579	1.360	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	73518	5.595	ug/L	100

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

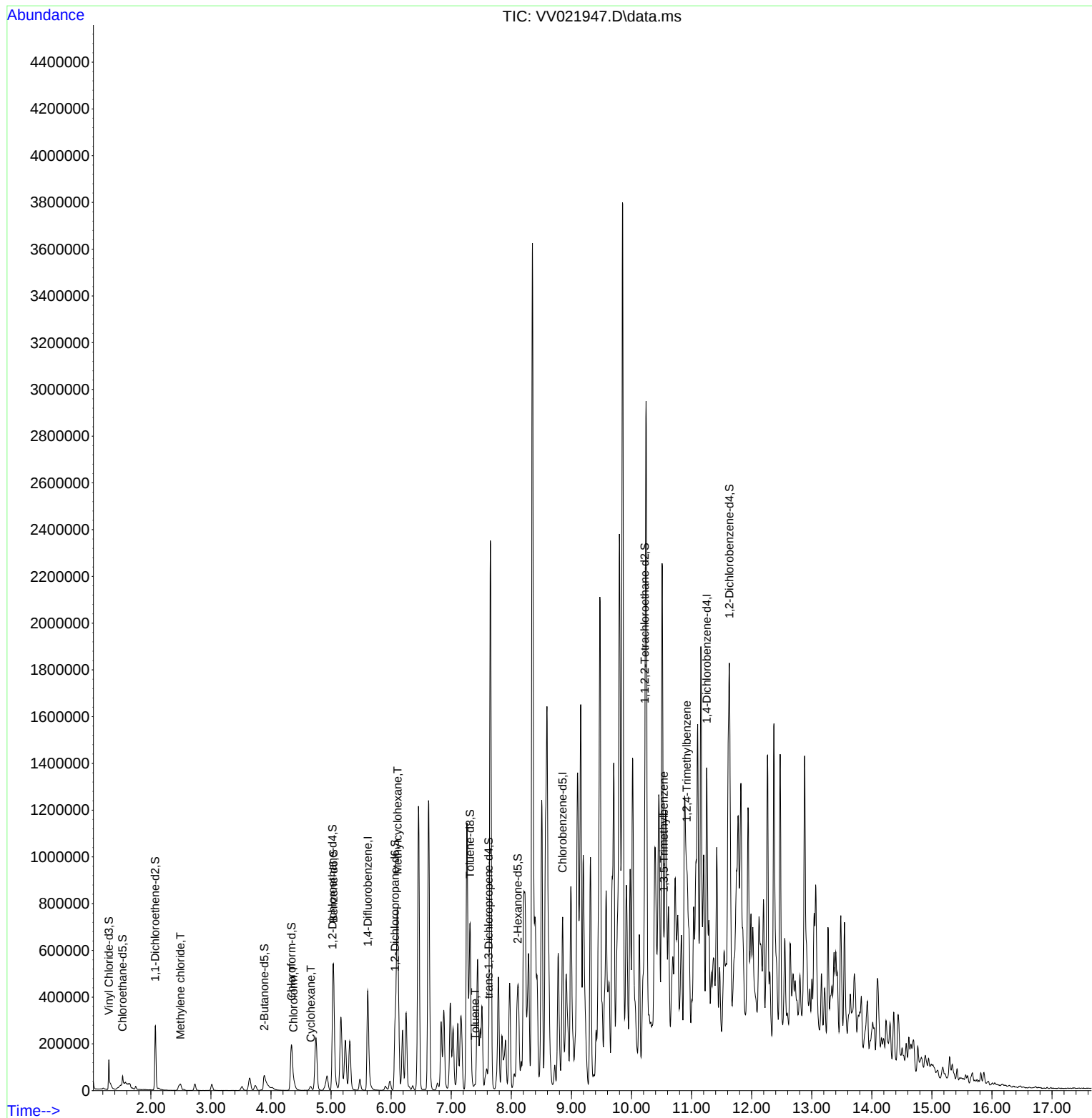
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
Data File : VV021947.D
Acq On : 25 Aug 2021 14:24
Operator : SY/MD
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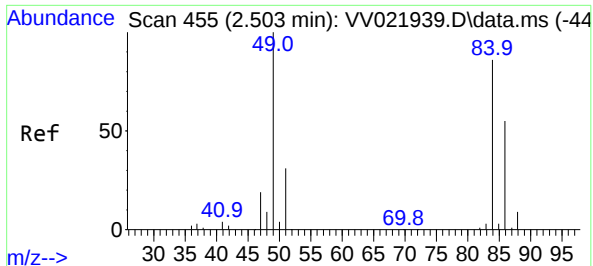
Instrument :
MSVOA_V
ClientSampleId :
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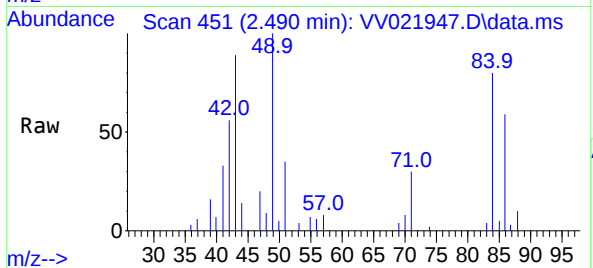
Quant Time: Aug 26 05:19:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 1.949 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

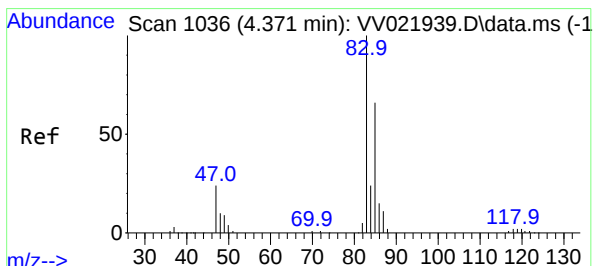
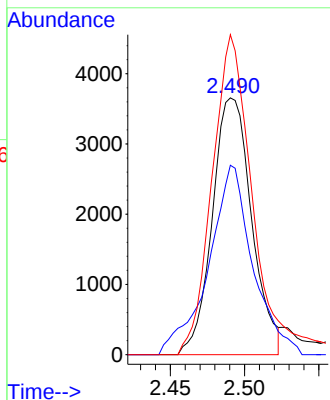
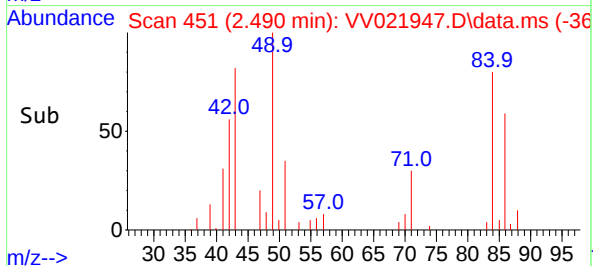
Instrument :
MSVOA_V
ClientSampled :
EW7B6ME



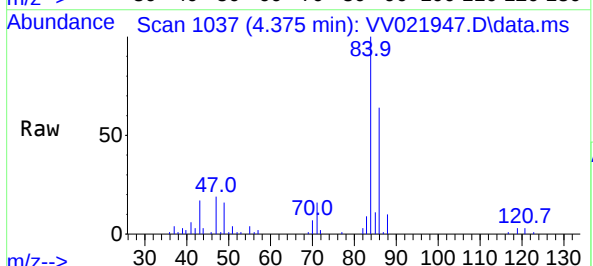
Tgt Ion: 84 Resp: 6741
Ion Ratio Lower Upper
84 100
86 73.8 44.7 83.1
49 124.6 82.5 153.3

Manual Integrations
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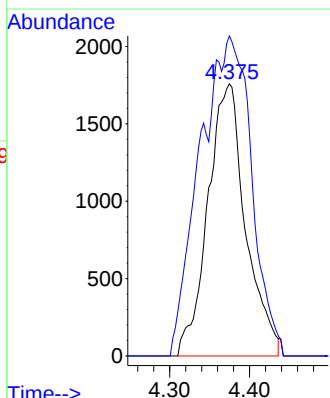
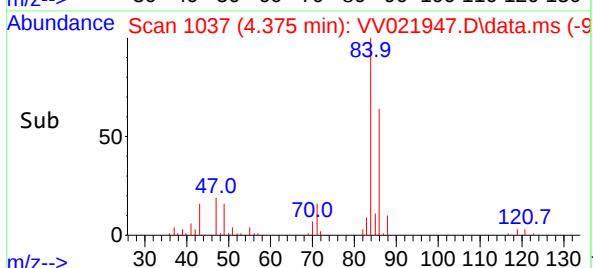
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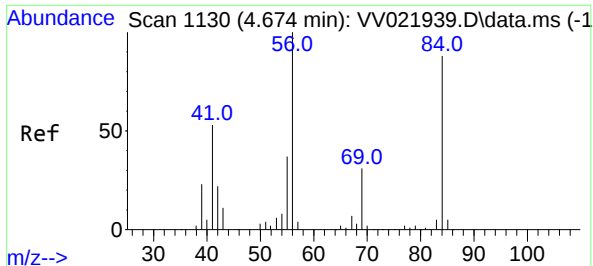


#25
Chloroform
Concen: 1.031 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24



Tgt Ion: 83 Resp: 5761
Ion Ratio Lower Upper
83 100
85 117.6 44.8 83.2#





#29

Cyclohexane

Concen: 1.526 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.010 min

Lab File: VV021947.D

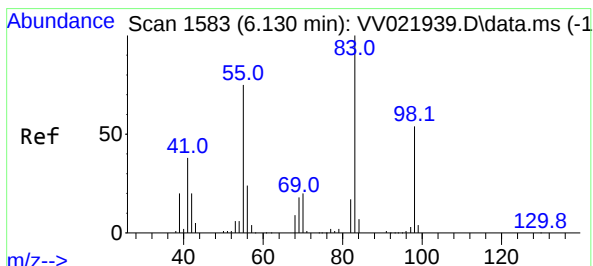
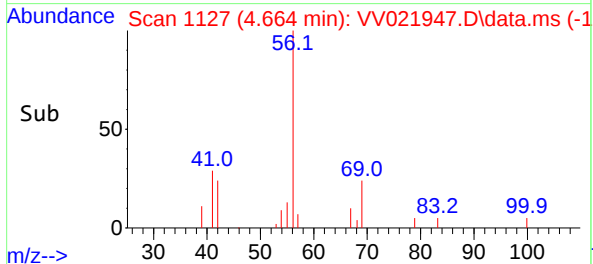
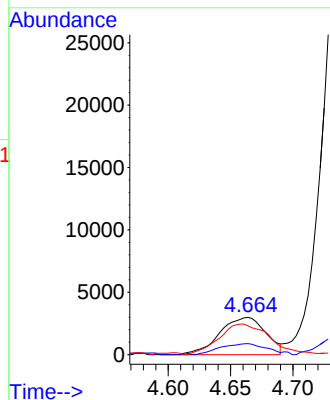
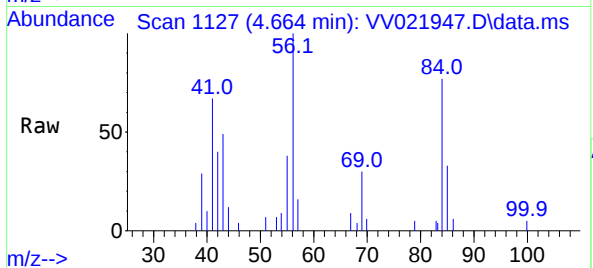
Acq: 25 Aug 2021 14:24

Tgt Ion:	56	Resp:	7677
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.9	37.3
84	90.8	72.6	109.0

Instrument :
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#35

Methylcyclohexane

Concen: 56.875 ug/L

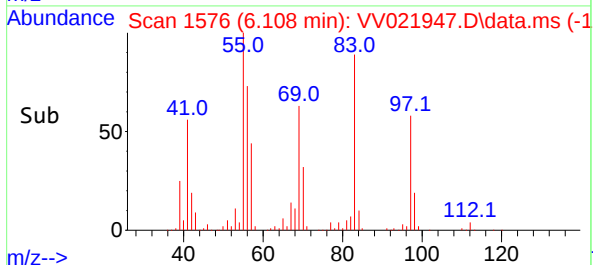
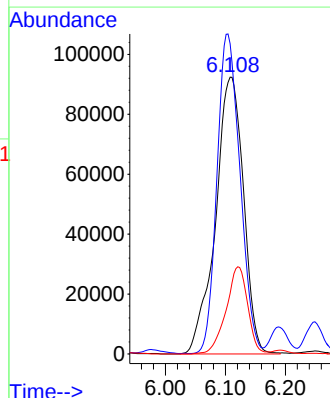
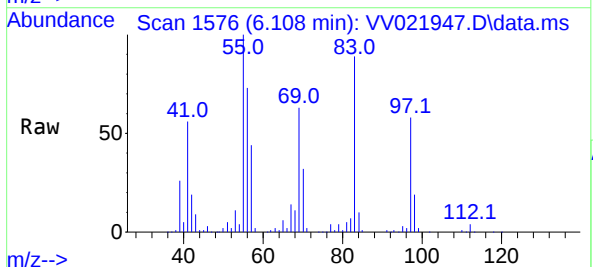
RT: 6.108 min Scan# 1576

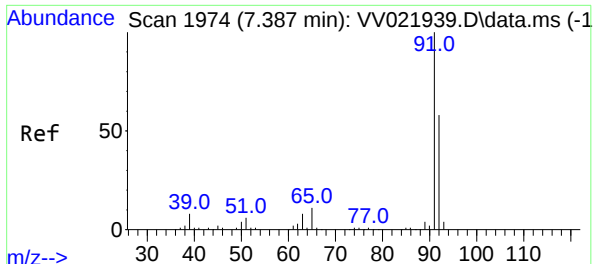
Delta R.T. -0.023 min

Lab File: VV021947.D

Acq: 25 Aug 2021 14:24

Tgt Ion:	83	Resp:	299714
Ion	Ratio	Lower	Upper
83	100		
55	94.8	57.9	86.9#
98	24.3	39.9	59.9#





#42

Toluene

Concen: 1.150 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV021947.D

Acq: 25 Aug 2021 14:24

Tgt Ion: 91 Resp: 15442

Ion Ratio Lower Upper

91 100

92 50.7 40.1 74.5

Instrument :

MSVOA_V

ClientSampleId :

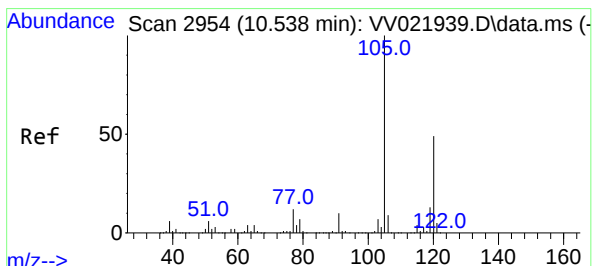
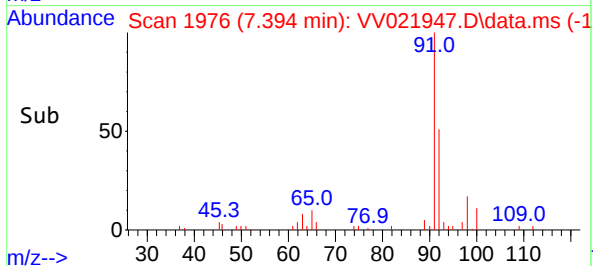
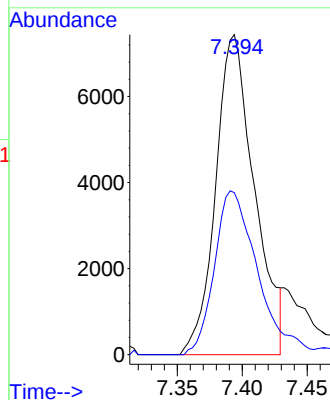
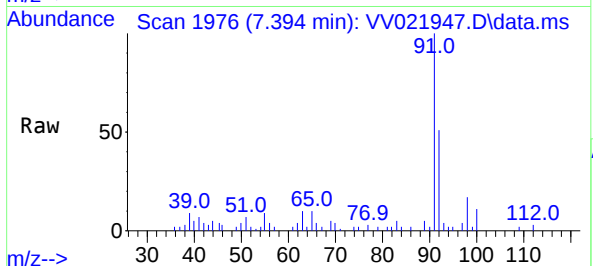
EW7B6ME

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#62

1,3,5-Trimethylbenzene

Concen: 1.360 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV021947.D

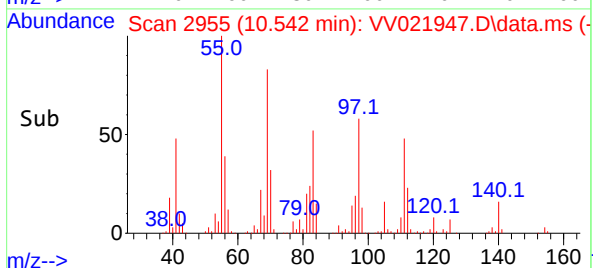
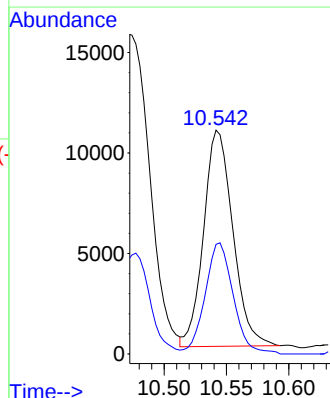
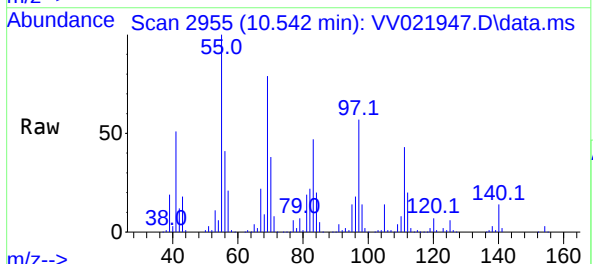
Acq: 25 Aug 2021 14:24

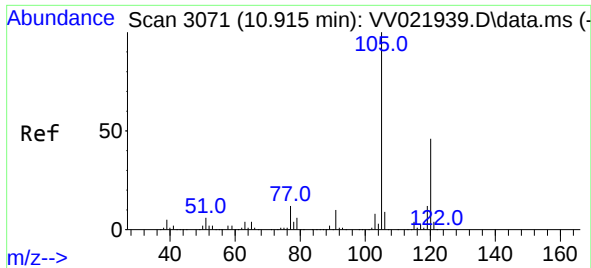
Tgt Ion:105 Resp: 17579

Ion Ratio Lower Upper

105 100

120 49.5 40.2 60.4





#63
 1,2,4-Trimethylbenzene
 Concen: 5.595 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV021947.D
 Acq: 25 Aug 2021 14:24

Tgt Ion:105 Resp: 73518
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.3 55.9

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7B6ME

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