

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043487.D
 Acq On : 03 May 2021 14:40
 Operator : SY/MD
 Sample : M2195-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H1

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 10:04:42 AM

Quant Time: May 04 07:40:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	119340	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	133568	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	71759	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40863	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.915	69	30180	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.571	65	20353	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.652	46	138125	46.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.72%
24) Chloroform-d	5.073	84	76966	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.713	65	48305	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.738	84	145656	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.700	67	50703	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.909	98	133639	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.189	79	20022	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.655	63	127122	59.30	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.60%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	43428	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	55936	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%
Target Compounds						Qvalue
13) Acetone	2.668	43	26218	13.20	ug/L	99
14) Carbon disulfide	2.800	76	3923	0.23	ug/L	99
16) Methylene chloride	3.050	84	1209	0.11	ug/L	85
21) 2-Butanone	4.739	43	8640	2.71	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	2237	0.27	ug/L	93
25) Chloroform	5.105	83	3236	0.18	ug/L	84
33) Benzene	5.783	78	4007	0.11	ug/L	100
34) Trichloroethene	6.552	95	29067	3.24	ug/L	94
35) Methylcyclohexane	6.767	83	2094	0.18	ug/L	94
42) Toluene	7.983	91	13059	0.36	ug/L	98
47) Tetrachloroethene	8.584	164	47644170m	7198.04	ug/L	
52) Ethylbenzene	9.581	91	5383	0.14	ug/L	96
53) m,p-Xylene	9.706	106	3343	0.24	ug/L	85
54) o-Xylene	10.108	106	1371	0.10	ug/L	81
63) 1,2,4-Trimethylbenzene	11.478	105	3242	0.11	ug/L	92
67) 1,2-Dichlorobenzene	12.221	146	2417	0.12	ug/L	92
72) 1,2,3-Trichlorobenzene	14.339	180	3425	0.29	ug/L	96

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

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

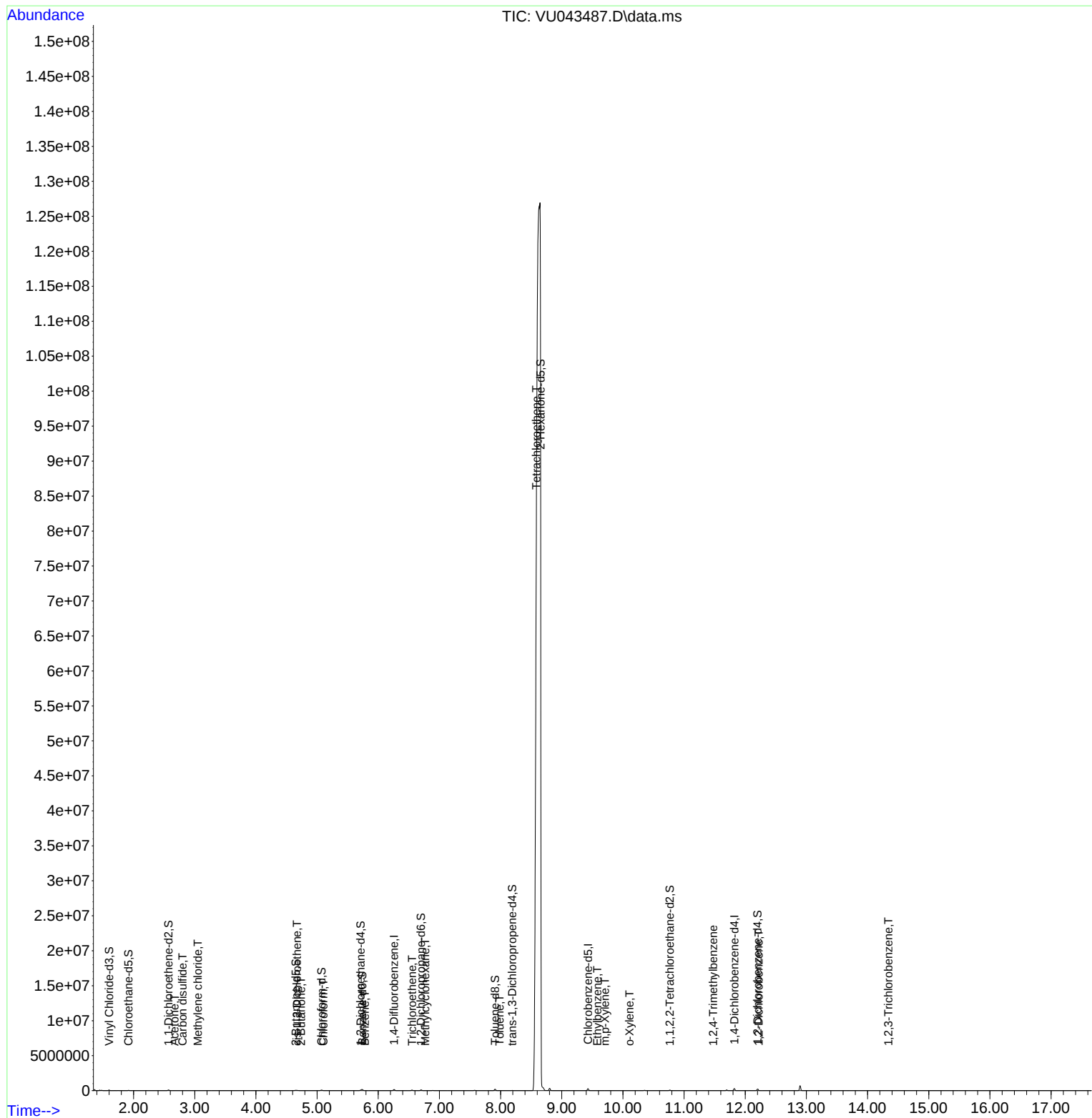
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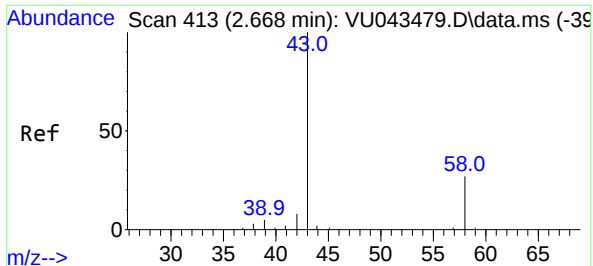
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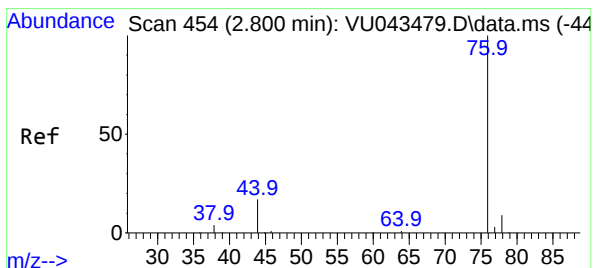
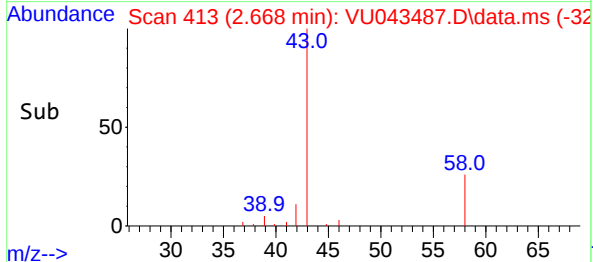
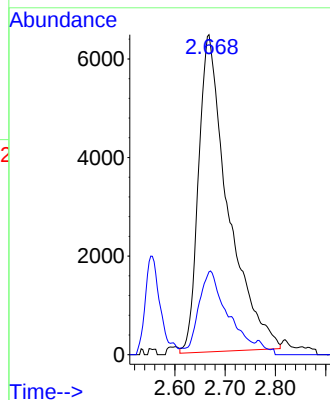
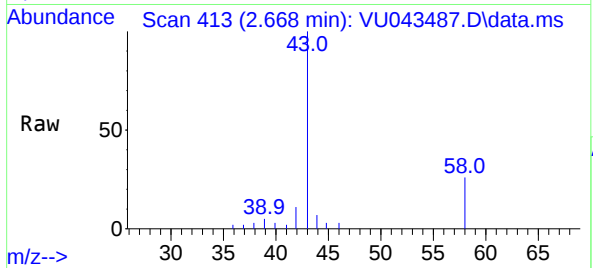
#13
Acetone
Concen: 13.20 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion: 43 Resp: 26218
Ion Ratio Lower Upper
43 100
58 25.8 0.0 50.8

Instrument :
MSVOA_U
ClientSampleId :
GB3H1

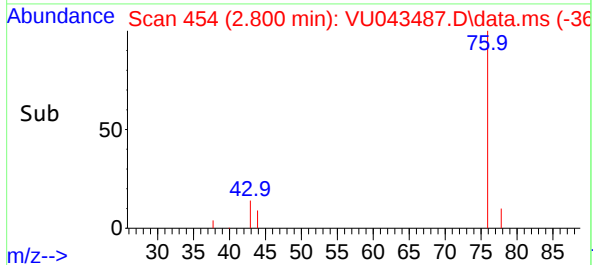
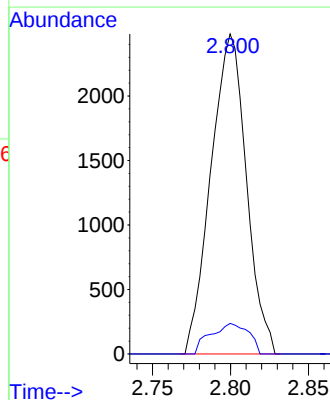
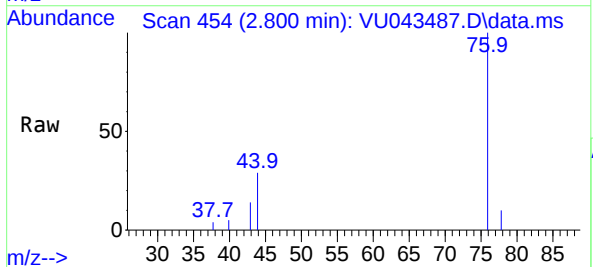
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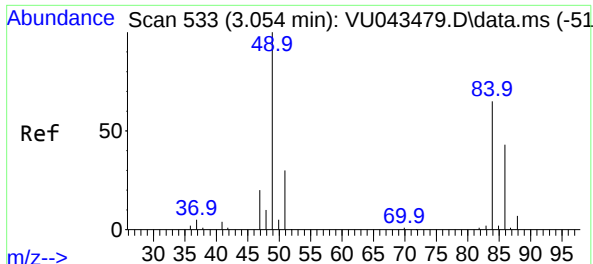
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#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion: 76 Resp: 3923
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2





#16

Methylene chloride

Concen: 0.11 ug/L

RT: 3.050 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU043487.D

Acq: 03 May 2021 14:40

Tgt Ion: 84 Resp: 1209

Ion	Ratio	Lower	Upper
84	100		
86	49.9	45.6	84.6
49	136.7	107.0	198.8

Instrument :

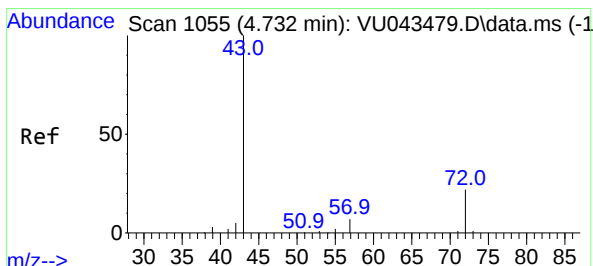
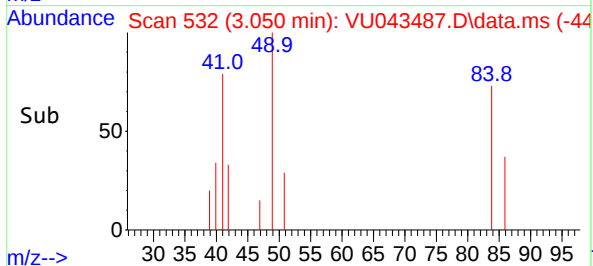
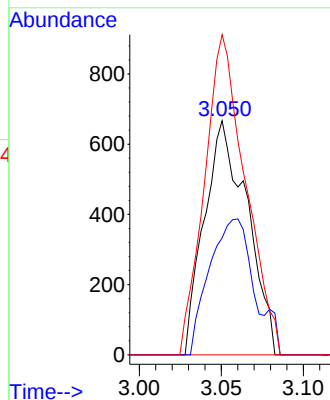
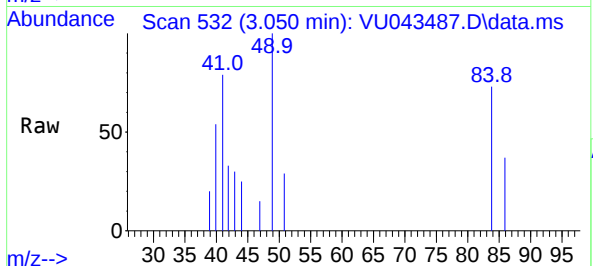
MSVOA_U

ClientSampleId :

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#21

2-Butanone

Concen: 2.71 ug/L

RT: 4.739 min Scan# 1057

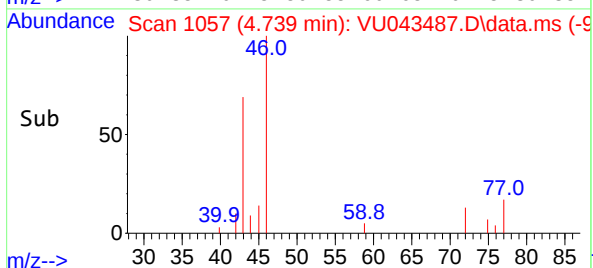
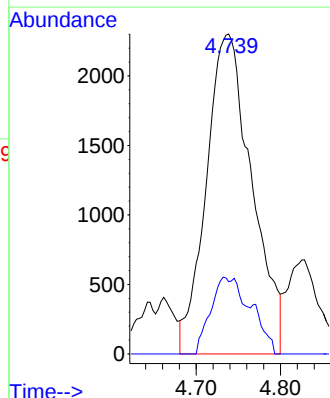
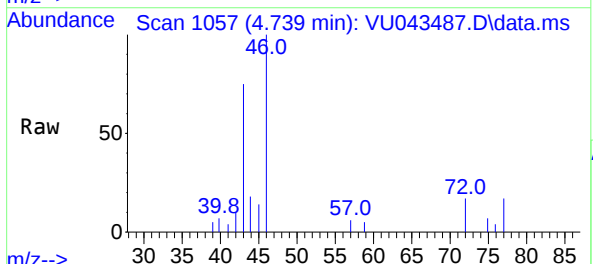
Delta R.T. 0.006 min

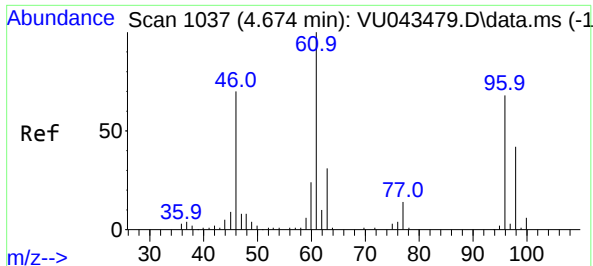
Lab File: VU043487.D

Acq: 03 May 2021 14:40

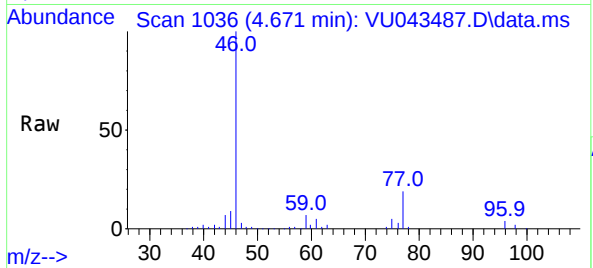
Tgt Ion: 43 Resp: 8640

Ion	Ratio	Lower	Upper
43	100		
72	17.3	10.8	32.4

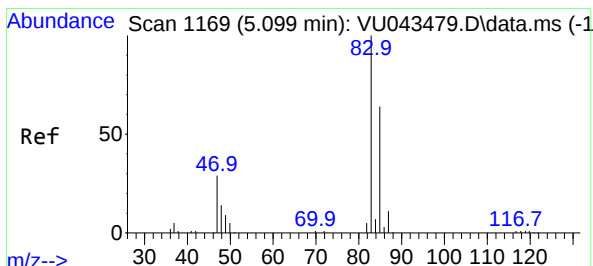
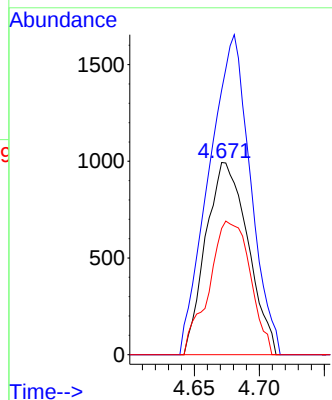
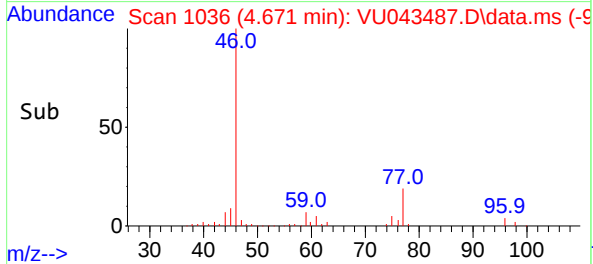




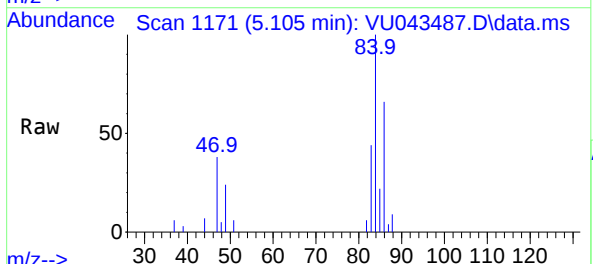
#22
cis-1,2-Dichloroethene
Concen: 0.27 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



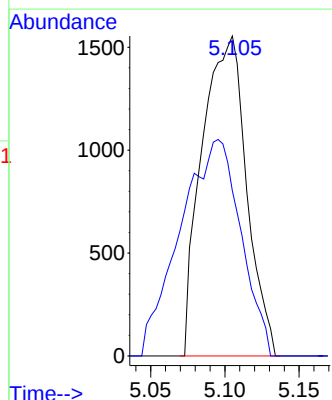
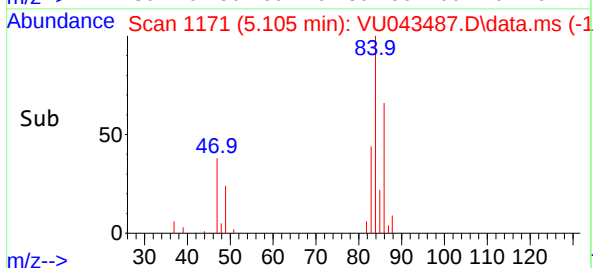
Tgt Ion: 96 Resp: 2237
Ion Ratio Lower Upper
96 100
61 137.6 102.8 190.8
98 65.7 42.8 79.6



#25
Chloroform
Concen: 0.18 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



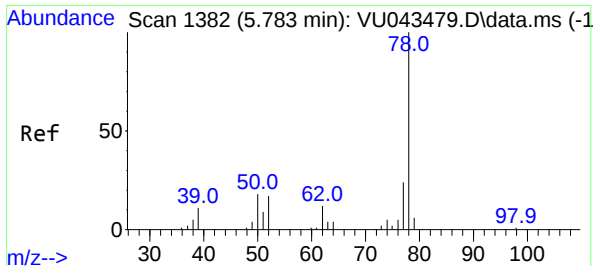
Tgt Ion: 83 Resp: 3236
Ion Ratio Lower Upper
83 100
85 51.6 45.1 83.9



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5/4/2021 10:04:42 AM



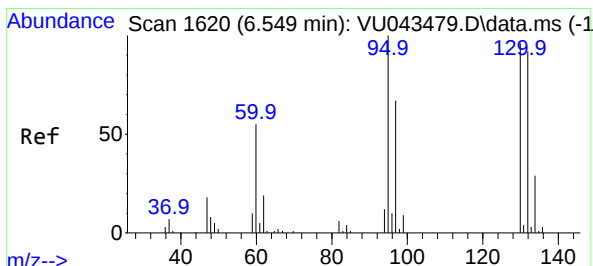
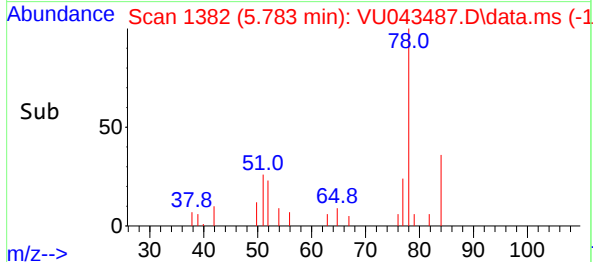
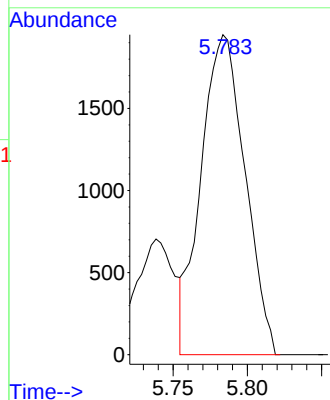
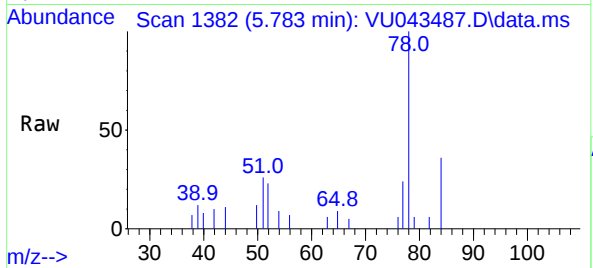
Benzene
Concen: 0.11 ug/L
RT: 5.783 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion: 78 Resp: 4007

Instrument :
MSVOA_U
ClientSampled :
GB3H1

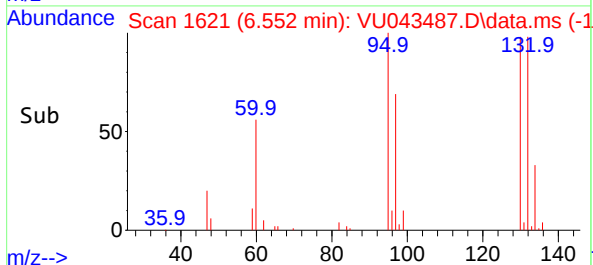
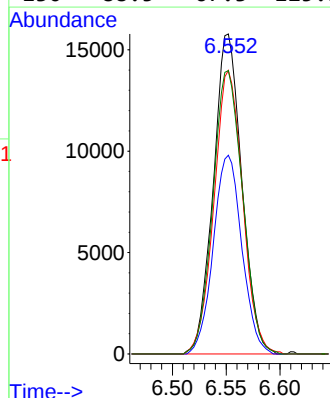
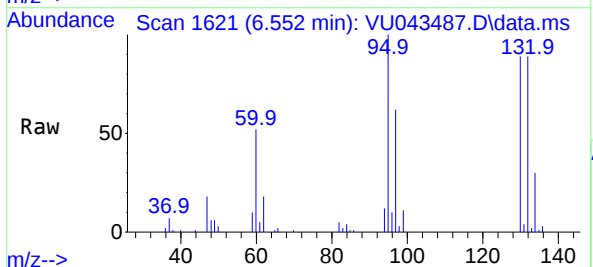
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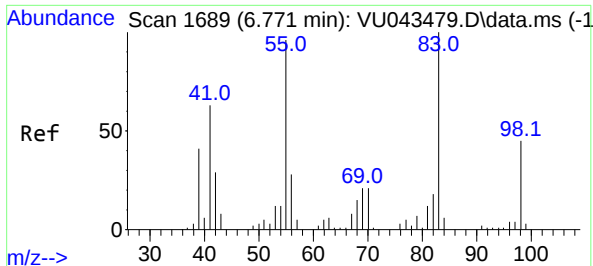
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5/4/2021 10:04:42 AM



Trichloroethene
Concen: 3.24 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion: 95 Resp: 29067
Ion Ratio Lower Upper
95 100
97 62.1 46.5 86.5
132 88.6 64.1 119.1
130 88.5 67.3 125.1





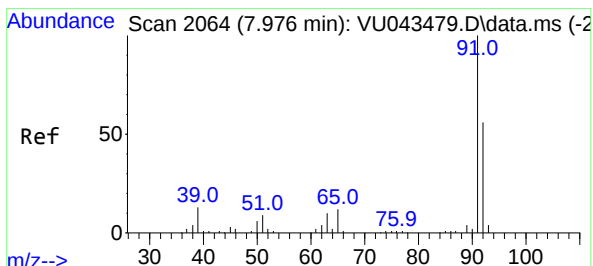
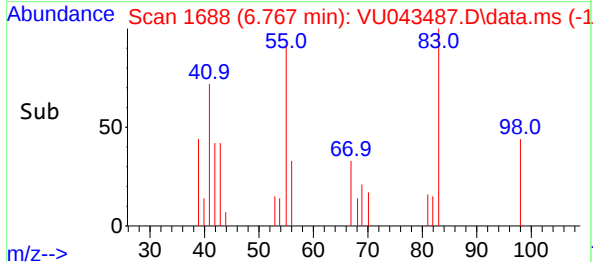
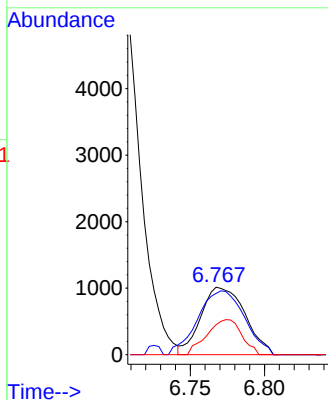
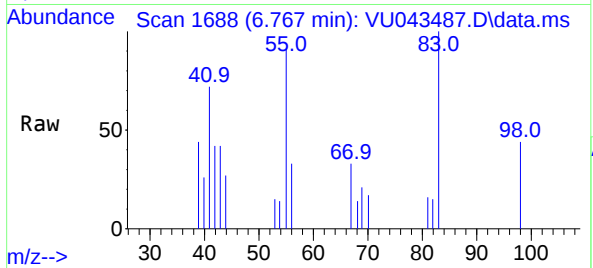
#35
Methylcyclohexane
Concen: 0.18 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion:	83	Resp:	2094
Ion	Ratio	Lower	Upper
83	100		
55	100.4	75.8	113.8
98	40.9	35.5	53.3

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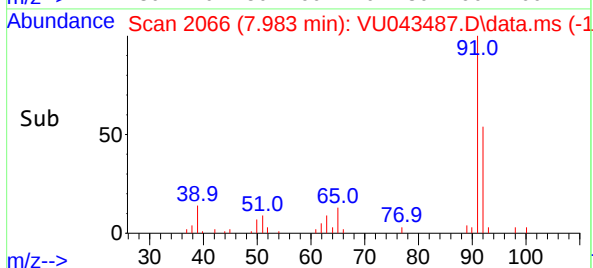
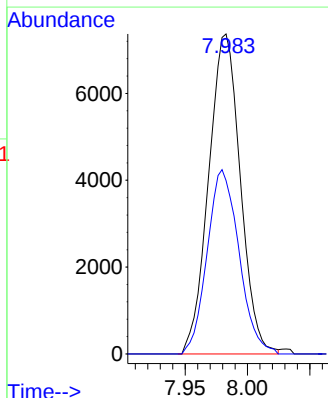
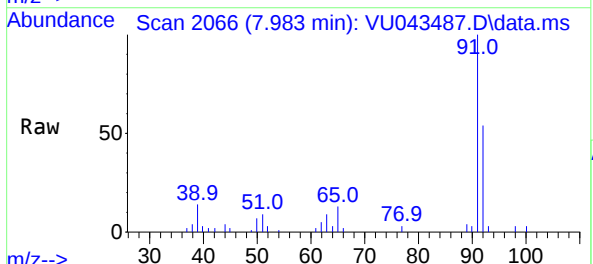
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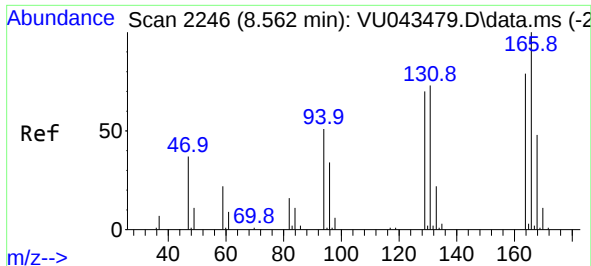
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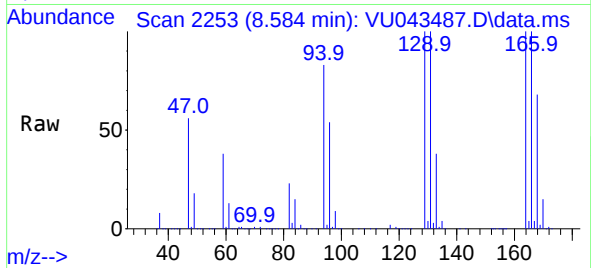
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Toluene
Concen: 0.36 ug/L
RT: 7.983 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion:	91	Resp:	13059
Ion	Ratio	Lower	Upper
91	100		
92	54.2	39.1	72.5

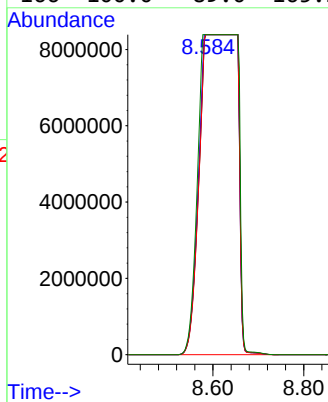
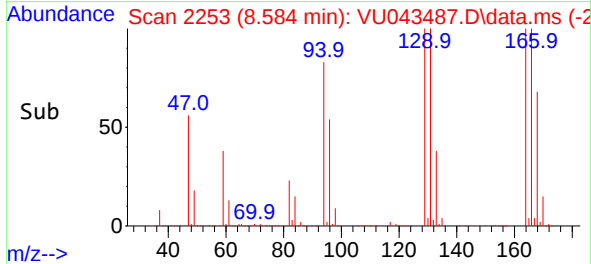




#47
Tetrachloroethene
Concen: 7198.04 ug/L m
RT: 8.584 min Scan# 2253
Delta R.T. 0.023 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



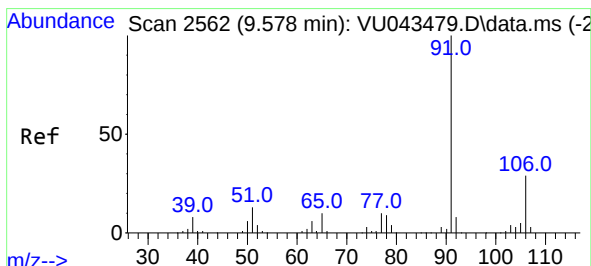
Tgt Ion:164 Resp:47644170
Ion Ratio Lower Upper
164 100
129 100.0 62.5 116.1
131 100.0 64.9 120.5
166 100.0 89.0 165.2



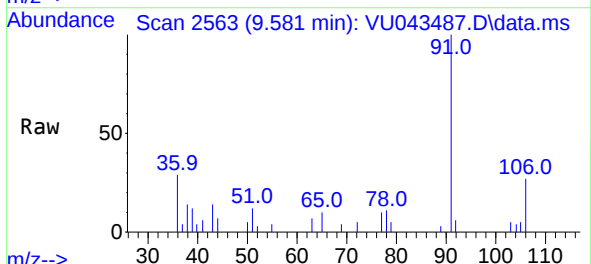
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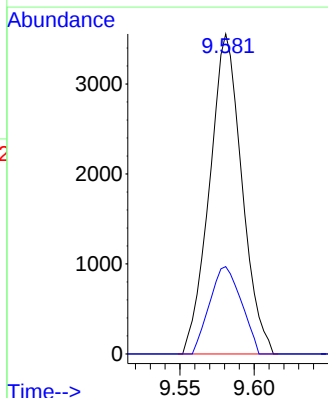
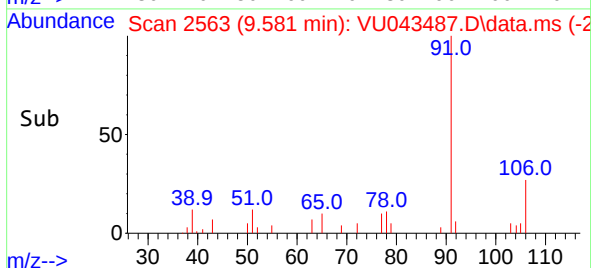
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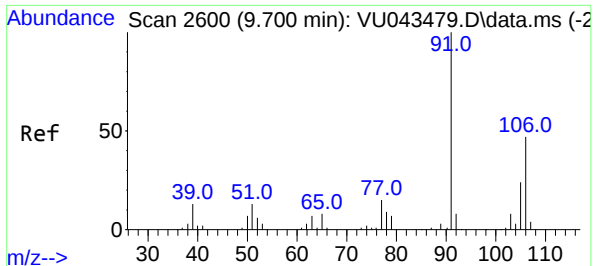


#52
Ethylbenzene
Concen: 0.14 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



Tgt Ion: 91 Resp: 5383
Ion Ratio Lower Upper
91 100
106 27.3 20.5 38.1





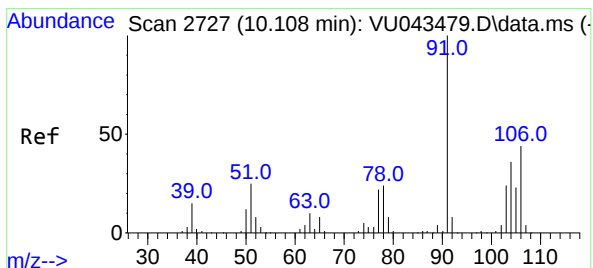
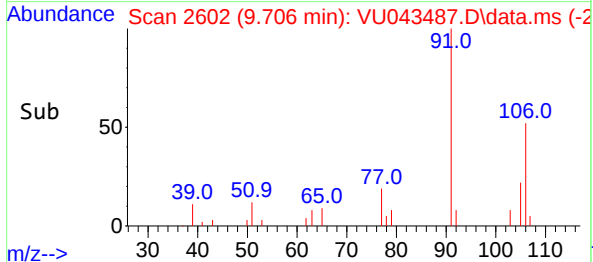
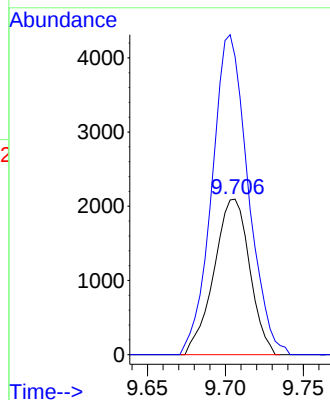
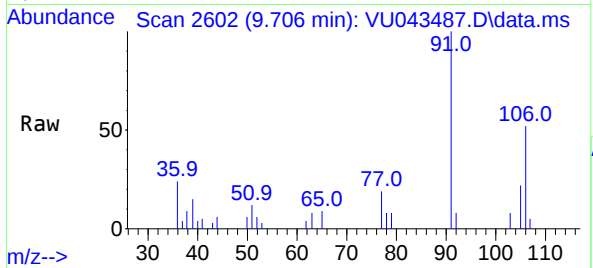
#53
m,p-Xylene
Concen: 0.24 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.006 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion:106 Resp: 3343
Ion Ratio Lower Upper
106 100
91 191.6 150.3 279.1

Instrument :
MSVOA_U
ClientSampled :
GB3H1

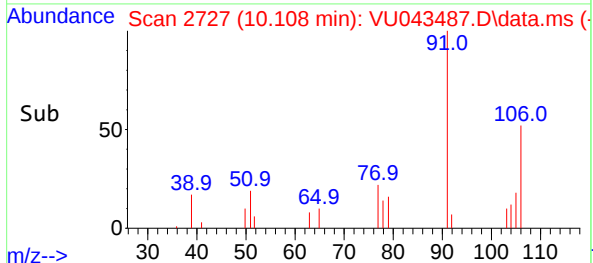
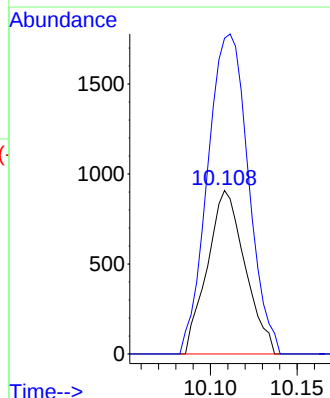
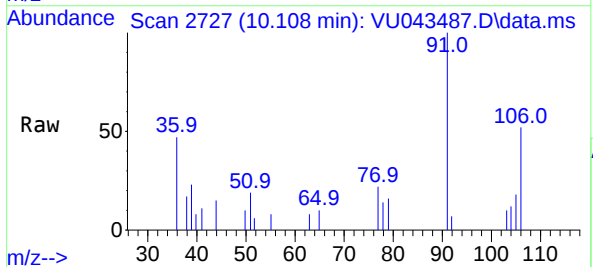
Manual Integrations
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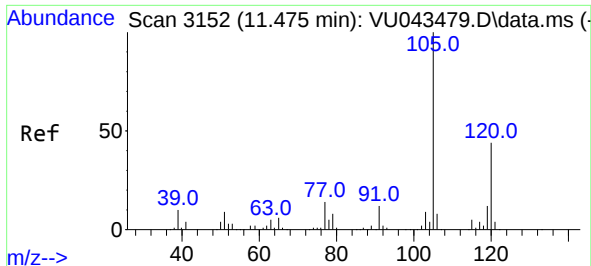
MMDadoda
5/4/2021 10:04:42 AM



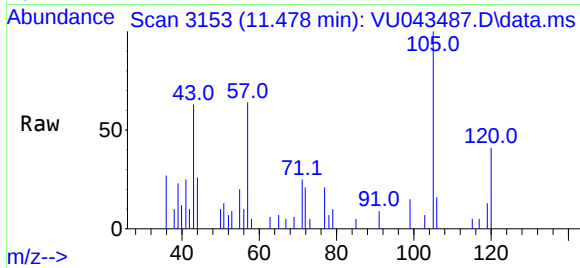
#54
o-Xylene
Concen: 0.10 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40

Tgt Ion:106 Resp: 1371
Ion Ratio Lower Upper
106 100
91 193.0 157.3 292.1

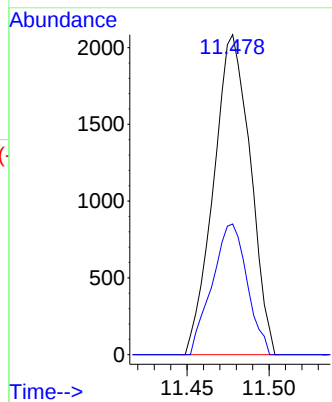
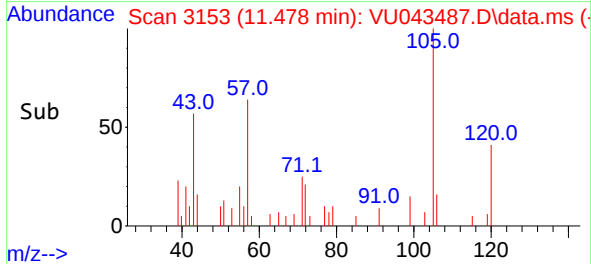




#63
1,2,4-Trimethylbenzene
Concen: 0.11 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



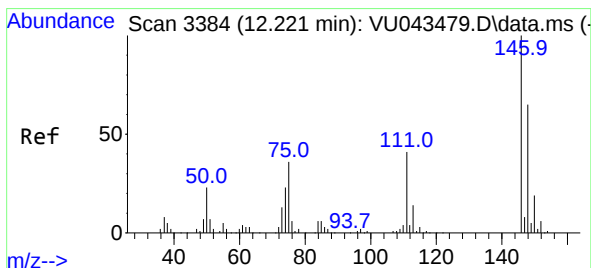
Tgt Ion:105 Resp: 3242
Ion Ratio Lower Upper
105 100
120 38.8 35.4 53.0



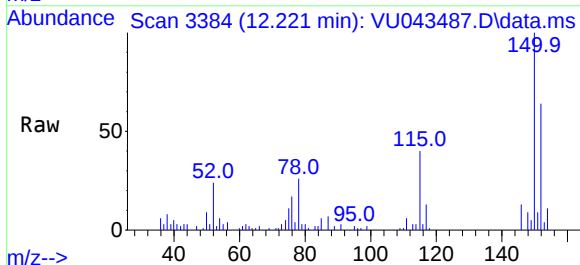
Instrument :
MSVOA_U
ClientSampled :
GB3H1

Manual Integrations
APPROVED

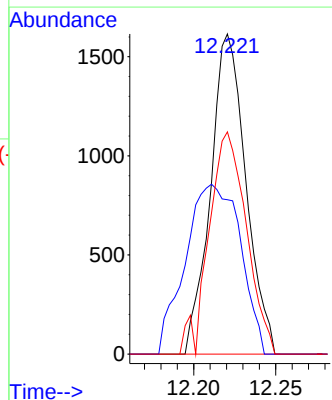
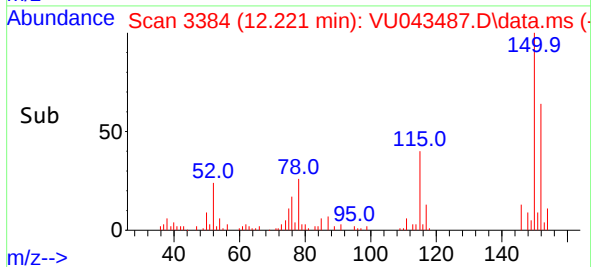
MMDadoda
5/4/2021 10:04:42 AM

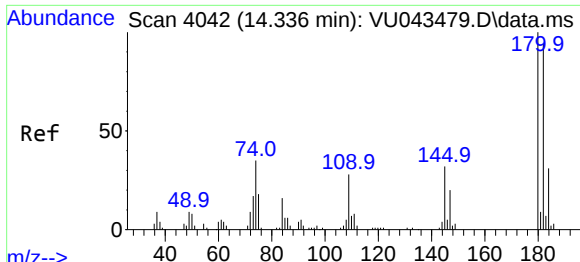


#67
1,2-Dichlorobenzene
Concen: 0.12 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043487.D
Acq: 03 May 2021 14:40



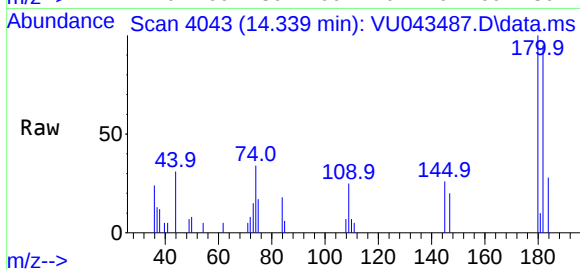
Tgt Ion:146 Resp: 2417
Ion Ratio Lower Upper
146 100
111 48.2 32.6 49.0
148 69.4 51.8 77.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.29 ug/L
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043487.D
 Acq: 03 May 2021 14:40

Instrument :
 MSVOA_U
 ClientSampled :
 GB3H1



Tgt Ion:	180	Resp:	3425
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.7	113.5
145	33.8	25.7	38.5

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 10:04:42 AM

