

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021949.D
 Acq On : 25 Aug 2021 15:11
 Operator : SY/MD
 Sample : M3526-08ME
 Misc : 3.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7C0ME

Manual Integrations
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SAM
 8/26/2021 1:08:17 PM

Quant Time: Aug 26 05:19:44 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	5.616	114	445732	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	418729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	234046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	106322	30.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.020%		
7) Chloroethane-d5	1.529	69	27673	10.524	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	21.040%#		
11) 1,1-Dichloroethene-d2	2.072	63	126417m	22.791	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.580%#		
21) 2-Butanone-d5	3.896	46	165970m	76.583	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.580%		
24) Chloroform-d	4.346	84	223166	36.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.940%		
26) 1,2-Dichloroethane-d4	5.031	65	145206	41.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.620%		
32) Benzene-d6	5.043	84	485244	40.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.600%		
36) 1,2-Dichloropropane-d6	6.069	67	154524	41.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.420%		
41) Toluene-d8	7.317	98	484282	43.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.020%		
43) trans-1,3-Dichloroprop...	7.625	79	67260	36.447	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.900%		
47) 2-Hexanone-d5	8.104	63	132529	107.837	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.840%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	233880	50.332	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.660%		
66) 1,2-Dichlorobenzene-d4	11.628	152	206408	42.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.220%		
Target Compounds						Qvalue
16) Methylene chloride	2.490	84	4479	1.222	ug/L #	63
25) Chloroform	4.381	83	14180	2.394	ug/L	86
29) Cyclohexane	4.661	56	206607	40.063	ug/L #	87
33) Benzene	5.101	78	9832m	0.763	ug/L	
35) Methylcyclohexane	6.124	83	1233742	228.377	ug/L	96
42) Toluene	7.397	91	18172	1.320	ug/L	98
52) Ethylbenzene	9.018	91	61505	4.189	ug/L	99
53) m,p-Xylene	9.143	106	39022	6.858	ug/L	93
54) o-Xylene	9.551	106	5121	0.908	ug/L	63
60) Isopropylbenzene	9.934	105	165991	10.579	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	24298	1.845	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	19305	1.442	ug/L	99

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

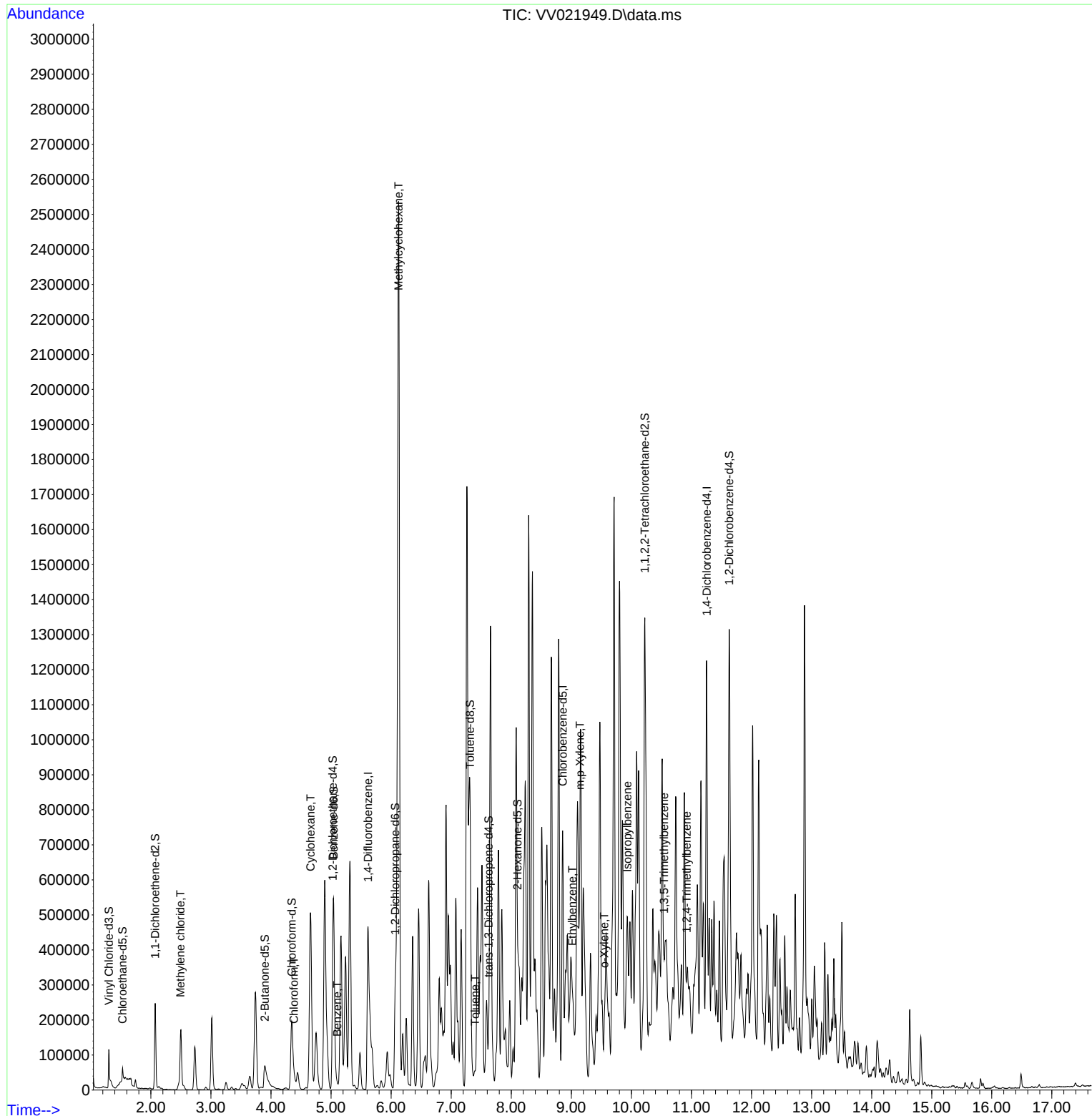
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Data File : VV021949.D
Acq On : 25 Aug 2021 15:11
Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

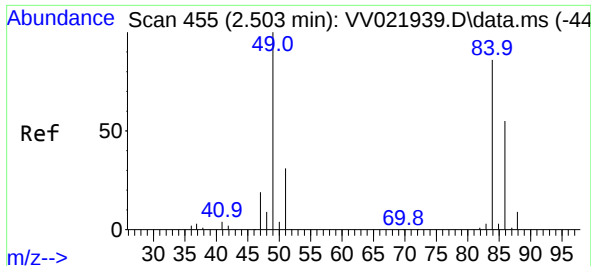
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Aug 26 05:19:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration





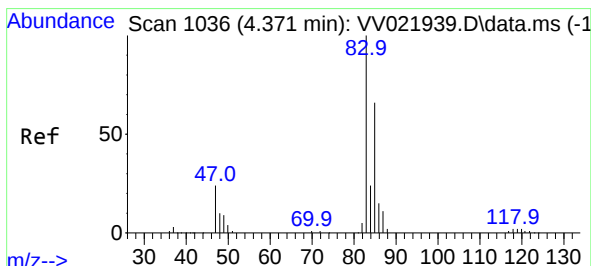
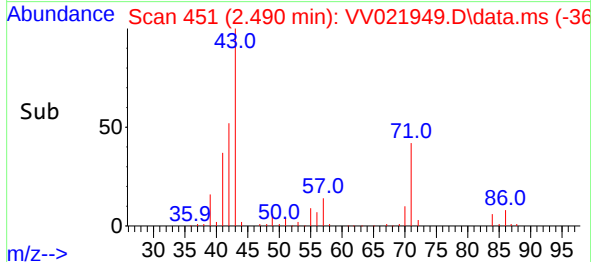
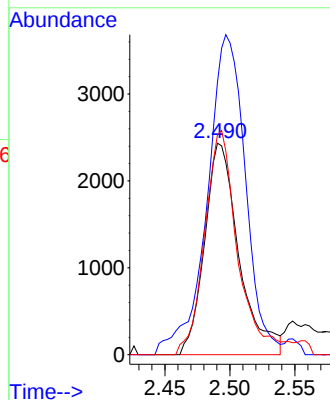
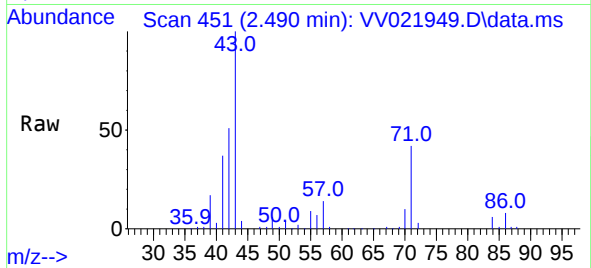
#16
Methylene chloride
Concen: 1.222 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 84 Resp: 4479
Ion Ratio Lower Upper
84 100
86 128.9 44.7 83.1#
49 104.0 82.5 153.3

Instrument :
MSVOA_V
ClientSampleId :
EW7C0ME

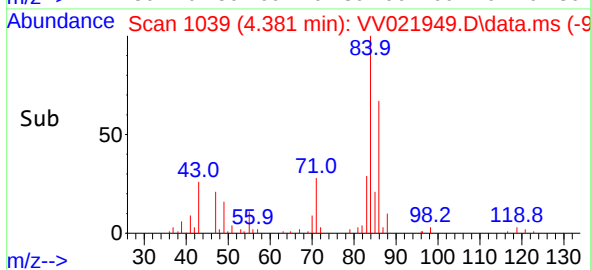
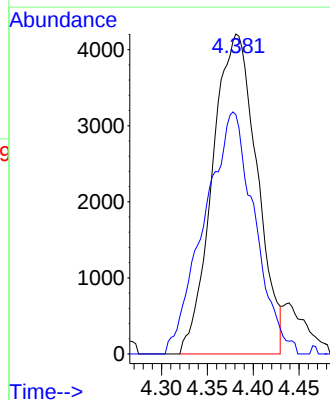
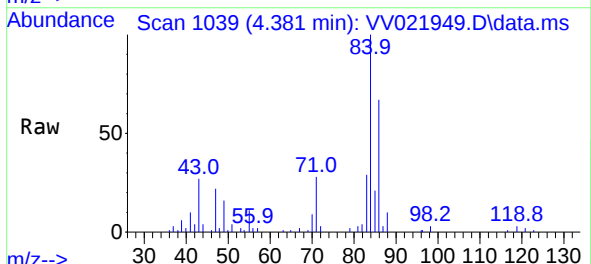
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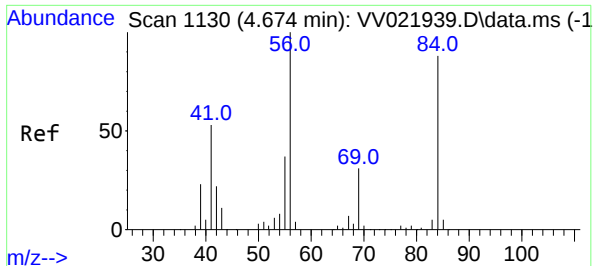
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#25
Chloroform
Concen: 2.394 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 83 Resp: 14180
Ion Ratio Lower Upper
83 100
85 74.8 44.8 83.2





#29

Cyclohexane

Concen: 40.063 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.013 min

Lab File: VV021949.D

Acq: 25 Aug 2021 15:11

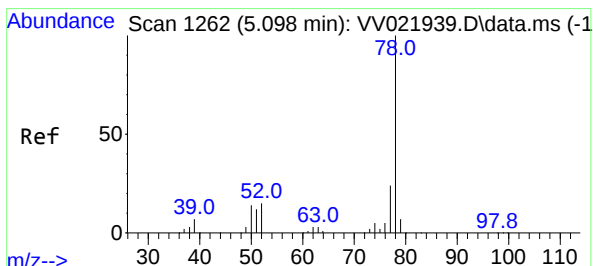
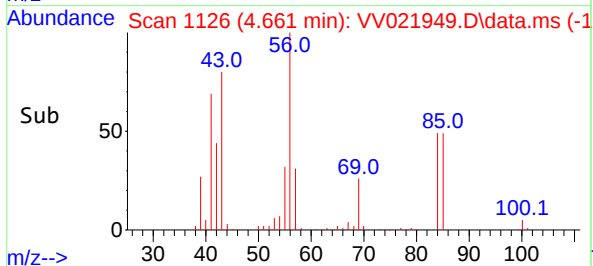
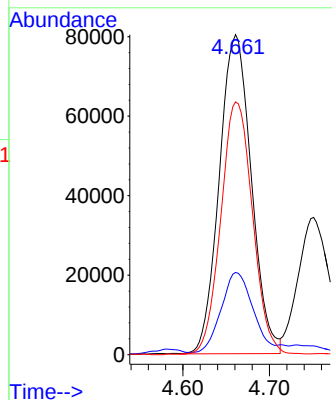
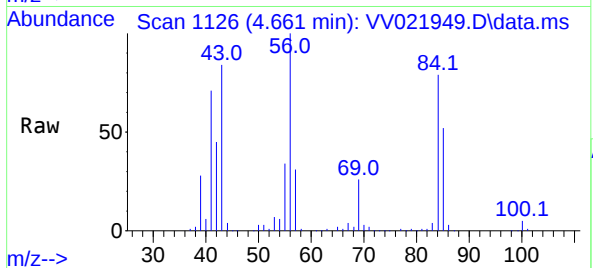
Tgt Ion: 56 Resp: 206607

Ion	Ratio	Lower	Upper
56	100		
69	24.5	24.9	37.3#
84	78.6	72.6	109.0

Instrument :
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#33

Benzene

Concen: 0.763 ug/L m

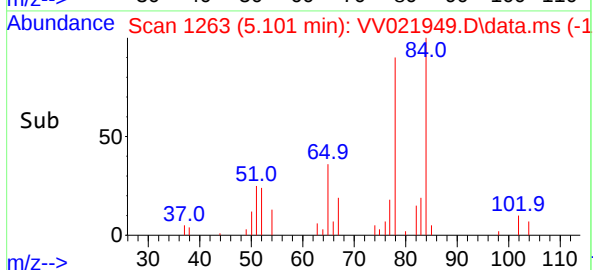
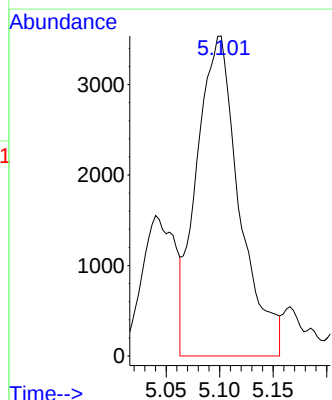
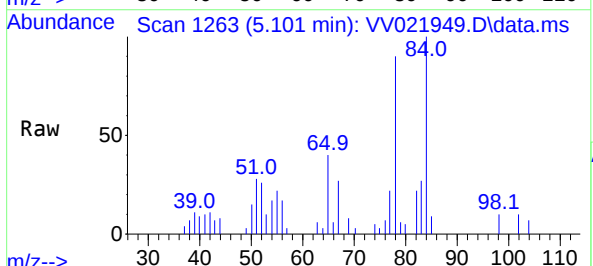
RT: 5.101 min Scan# 1263

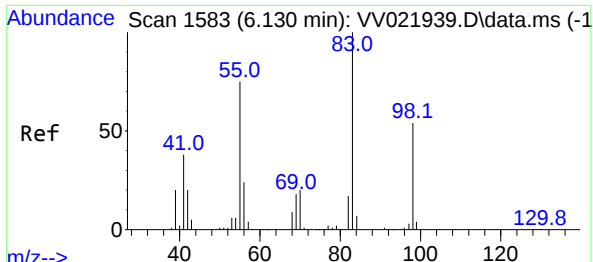
Delta R.T. 0.003 min

Lab File: VV021949.D

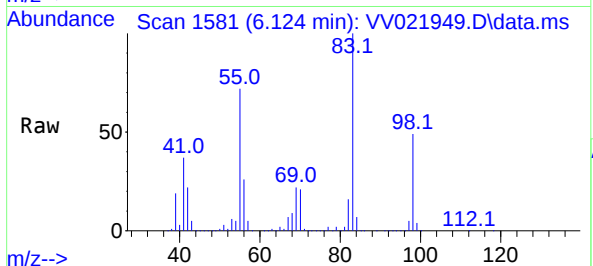
Acq: 25 Aug 2021 15:11

Tgt Ion: 78 Resp: 9832



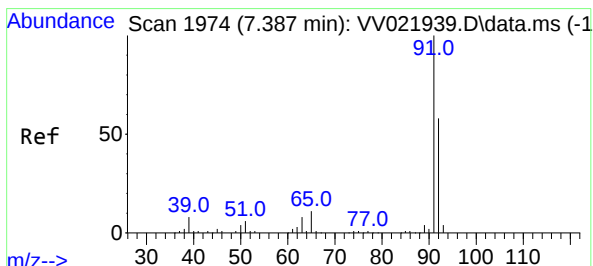
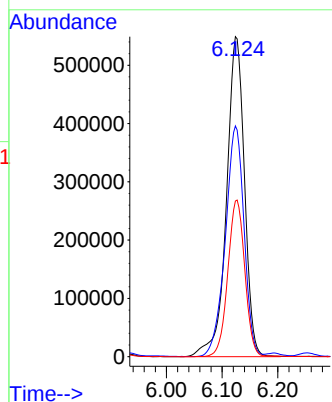
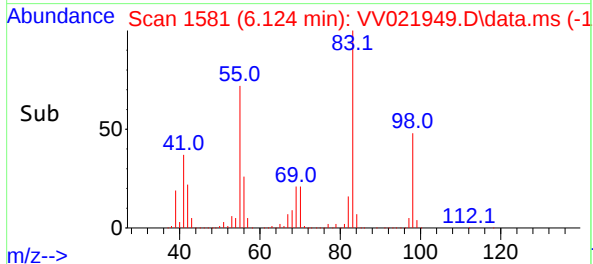


#35
Methylcyclohexane
Concen: 228.377 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

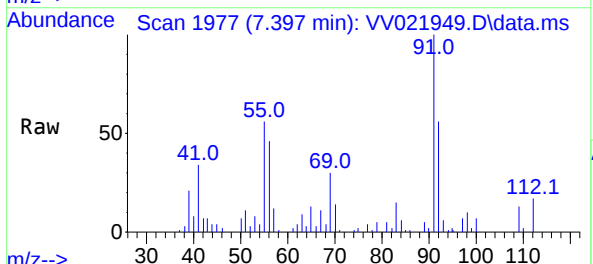


Tgt Ion: 83 Resp: 1233742

Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.9	86.9
98	46.0	39.9	59.9

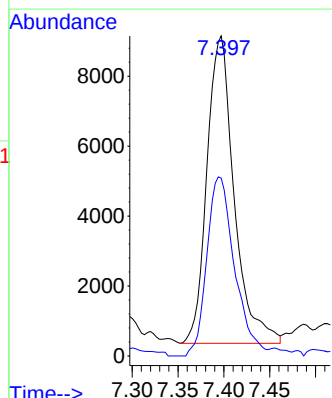
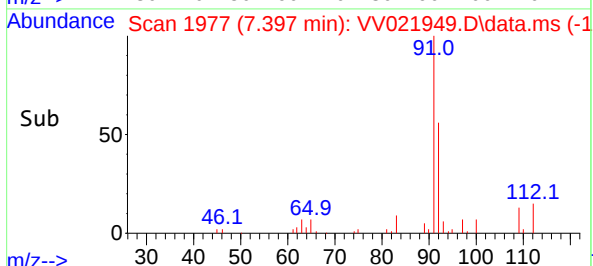


#42
Toluene
Concen: 1.320 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11



Tgt Ion: 91 Resp: 18172

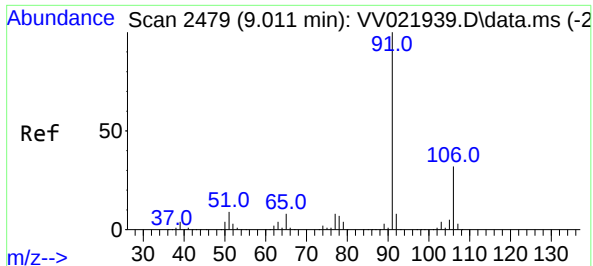
Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.1	74.5



Instrument :
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EW7C0ME

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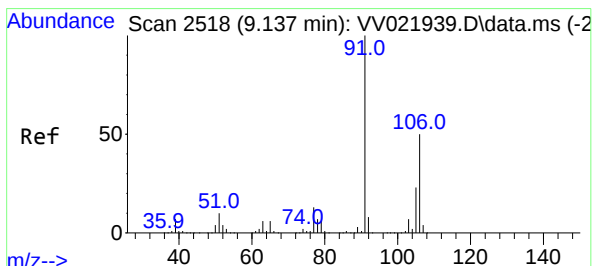
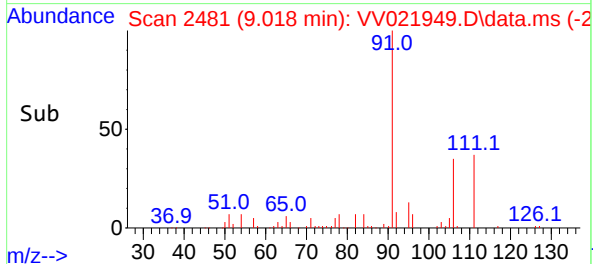
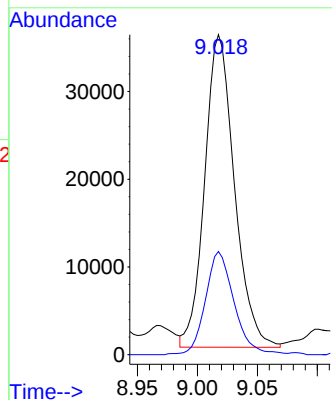
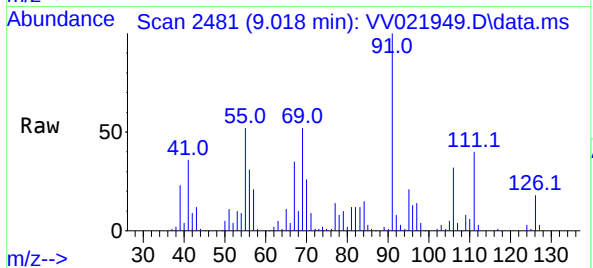
#52
Ethylbenzene
Concen: 4.189 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 91 Resp: 61505
Ion Ratio Lower Upper
91 100
106 32.3 22.2 41.2

Instrument :
MSVOA_V
ClientSampleId :
EW7C0ME

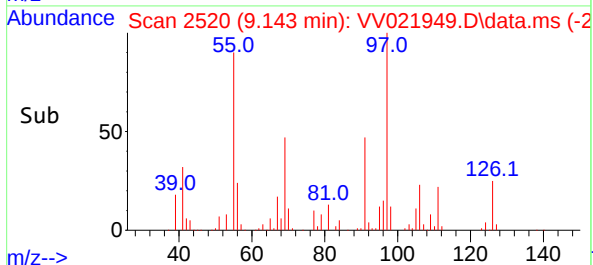
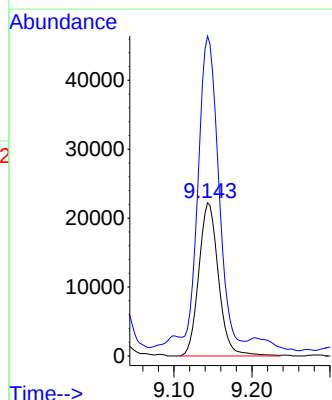
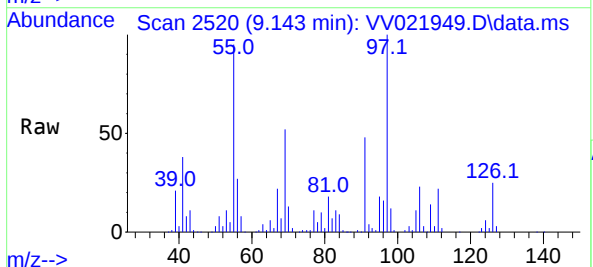
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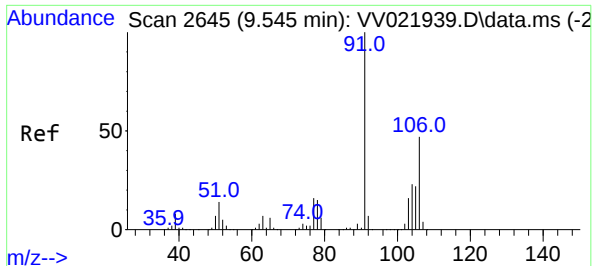
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#53
m,p-Xylene
Concen: 6.858 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion: 106 Resp: 39022
Ion Ratio Lower Upper
106 100
91 209.1 139.2 258.6





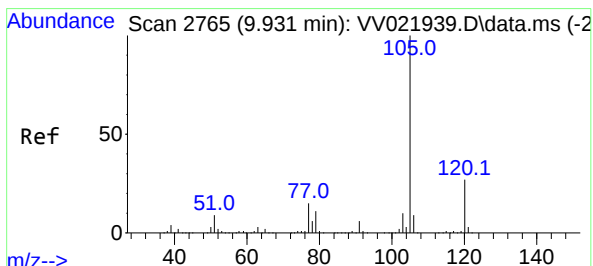
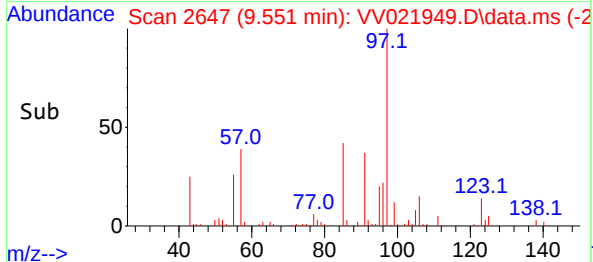
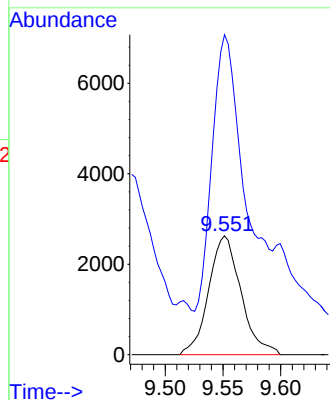
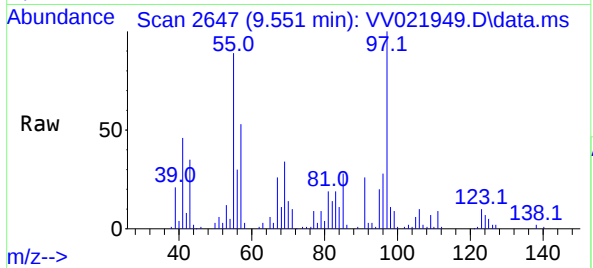
#54
o-Xylene
Concen: 0.908 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion:106 Resp: 5121
Ion Ratio Lower Upper
106 100
91 269.0 148.1 275.0

Instrument :
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ClientSampleId :
EW7C0ME

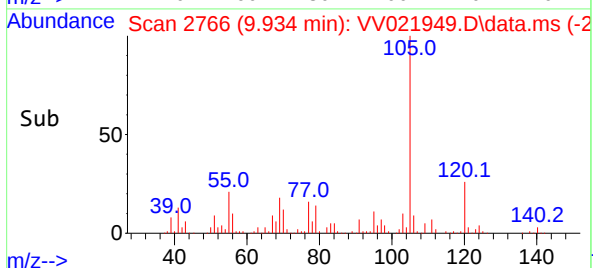
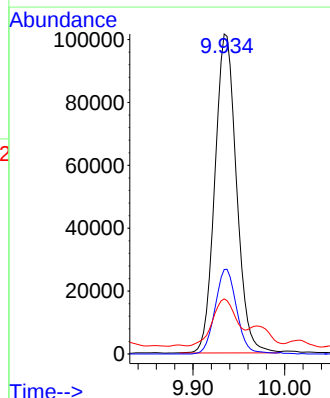
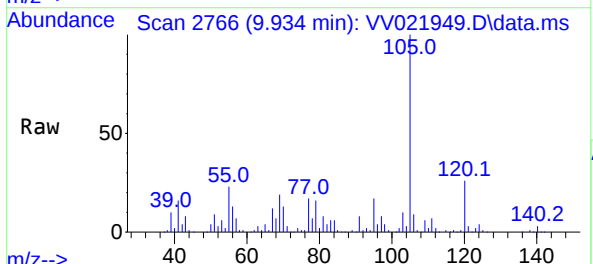
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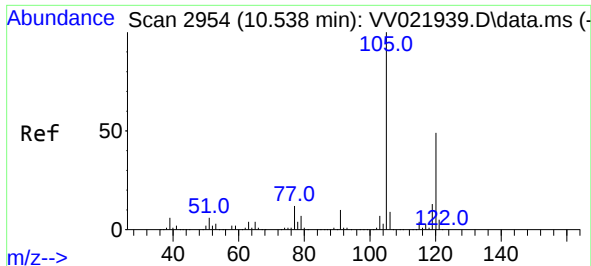
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#60
Isopropylbenzene
Concen: 10.579 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion:105 Resp: 165991
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 16.1 11.8 17.8





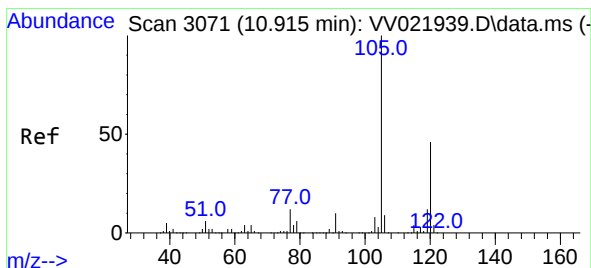
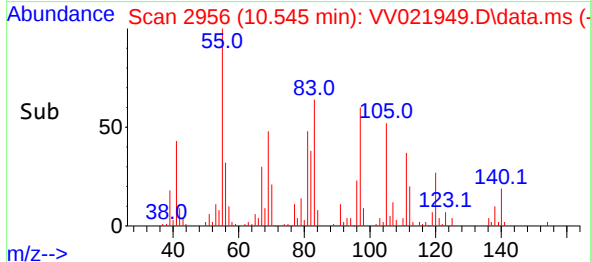
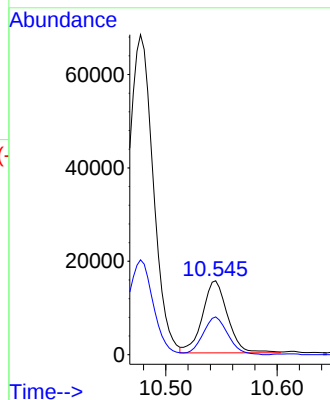
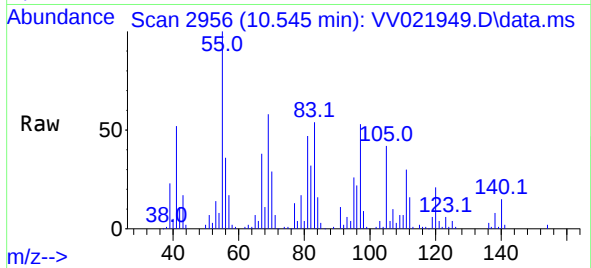
#62
1,3,5-Trimethylbenzene
Concen: 1.845 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion:105 Resp: 24298
Ion Ratio Lower Upper
105 100
120 51.9 40.2 60.4

Instrument :
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ClientSampleId :
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#63
1,2,4-Trimethylbenzene
Concen: 1.442 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV021949.D
Acq: 25 Aug 2021 15:11

Tgt Ion:105 Resp: 19305
Ion Ratio Lower Upper
105 100
120 46.2 37.3 55.9

