

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070221\
 Data File : VW021597.D
 Acq On : 02 Jul 2021 14:52
 Operator : SY/MD
 Sample : M2914-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBK23DL

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 9:36:24 AM

Quant Time: Jul 03 00:08:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	487964	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	446504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	228814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113001	36.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.200%		
7) Chloroethane-d5	1.564	69	80323	31.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.660%#		
11) 1,1-Dichloroethene-d2	2.105	63	166443	29.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.940%#		
21) 2-Butanone-d5	3.883	46	272680	103.415	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.420%		
24) Chloroform-d	4.352	84	269146	41.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.360%		
26) 1,2-Dichloroethane-d4	5.034	65	170221	44.734	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.460%		
32) Benzene-d6	5.050	84	553584	44.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	6.072	67	178325	45.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.200%		
41) Toluene-d8	7.317	98	515148	44.431	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.860%		
43) trans-1,3-Dichloroprop...	7.622	79	85851	43.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.300%		
47) 2-Hexanone-d5	8.088	63	210319	114.668	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.670%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	257897	48.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.820%		
66) 1,2-Dichlorobenzene-d4	11.625	152	205411	45.029	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.060%		
Target Compounds					Qvalue	
13) Acetone	2.172	43	334345	153.381	ug/L #	100
16) Methylene chloride	2.506	84	5664	1.497	ug/L	92
19) 1,1-Dichloroethane	3.191	63	16836	2.719	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	15393	4.072	ug/L	99
22) 2-Butanone	3.998	43	15760m	5.235	ug/L	
30) 1,1,1-Trichloroethane	4.609	97	5302	0.945	ug/L #	67
33) Benzene	5.104	78	52917	3.894	ug/L	100
34) Trichloroethene	5.918	95	10479	2.853	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	232931	44.926	ug/L	99
42) Toluene	7.390	91	242414	16.655	ug/L	98
46) Tetrachloroethene	7.979	164	2244	0.768	ug/L	94
48) 2-Hexanone	8.146	43	23661	5.774	ug/L	97
52) Ethylbenzene	9.014	91	73434	4.644	ug/L	100
53) m,p-Xylene	9.140	106	90946	14.987	ug/L	99
54) o-Xylene	9.545	106	74029	12.228	ug/L	97
60) Isopropylbenzene	9.934	105	25680	1.645	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	124627	9.370	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	312263	23.198	ug/L	99

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QLast Update : Sat Jul 03 00:01:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

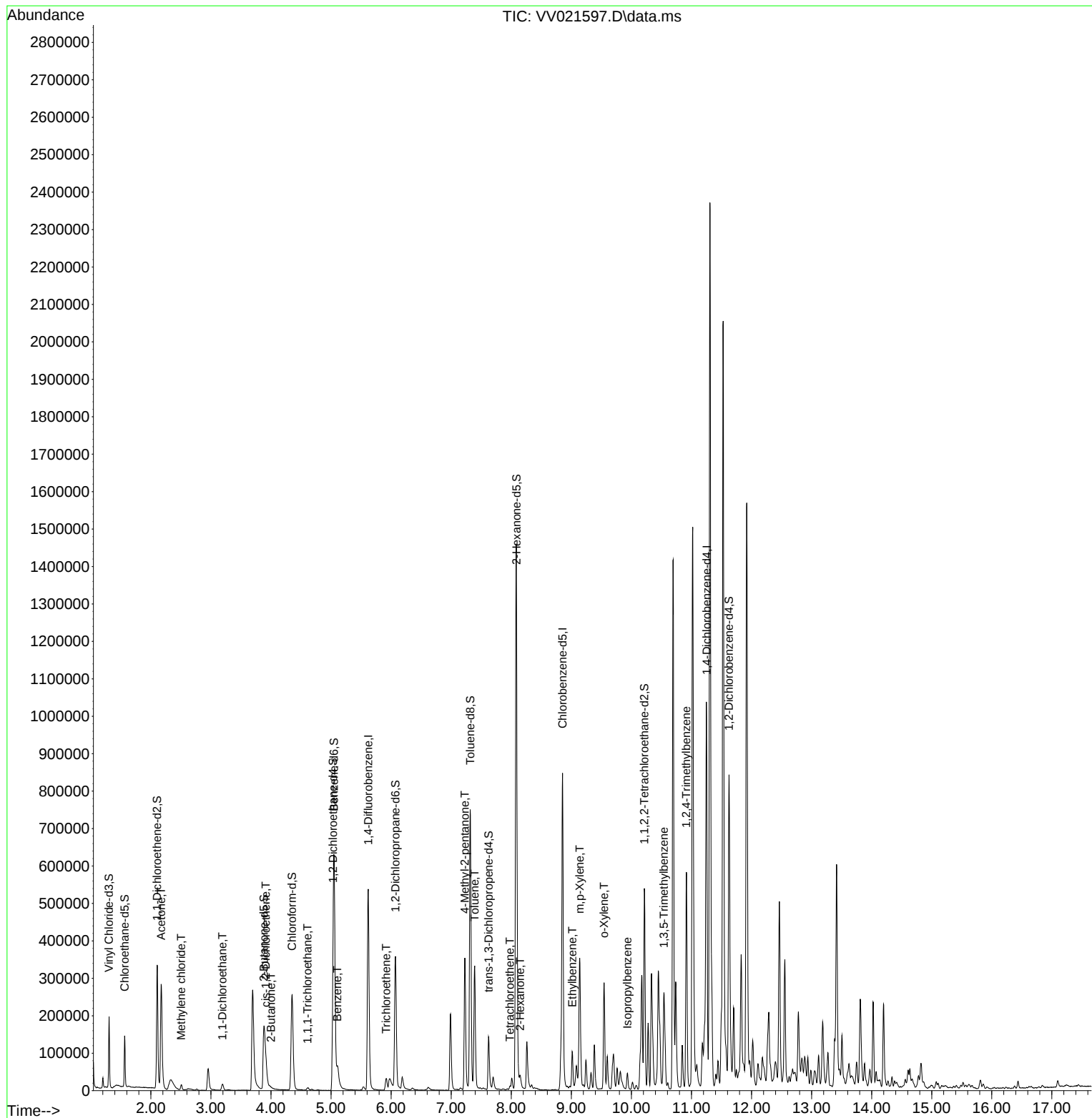
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021597.D
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Operator : SY/MD
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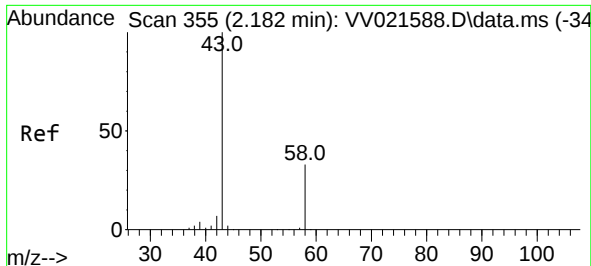
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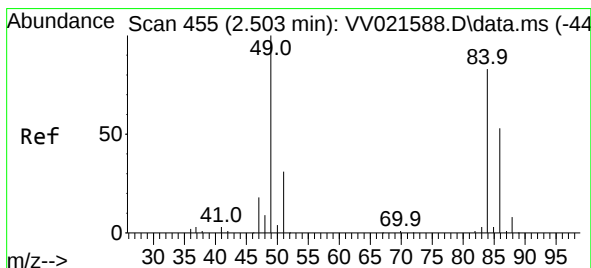
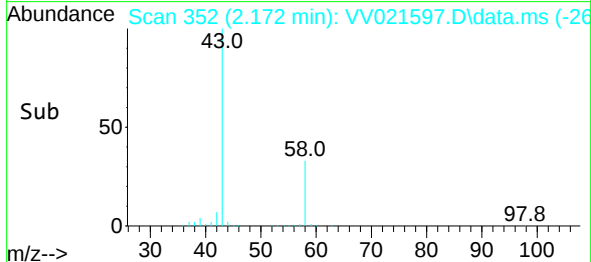
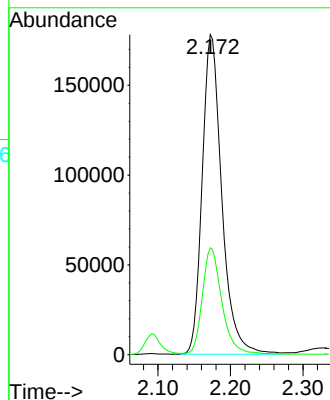
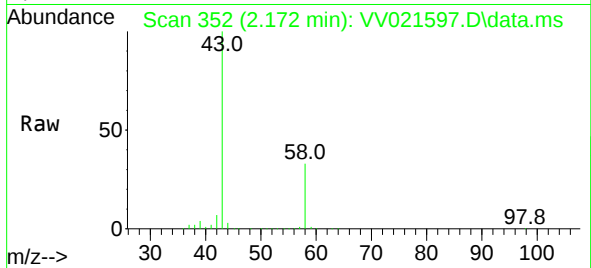
#13
Acetone
Concen: 153.381 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.010 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion: 43 Resp: 334345
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.0#

Instrument :
MSVOA_V
ClientSampleID :
DBK23DL

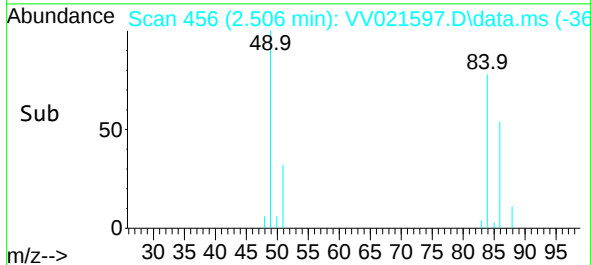
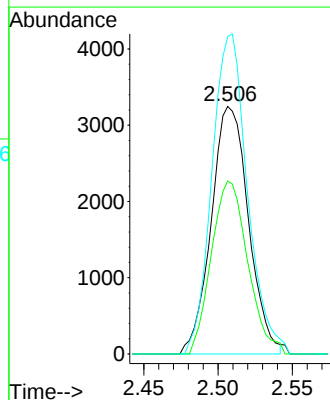
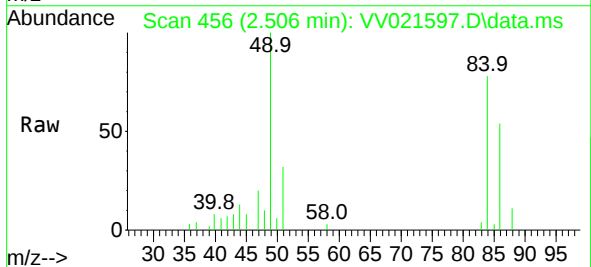
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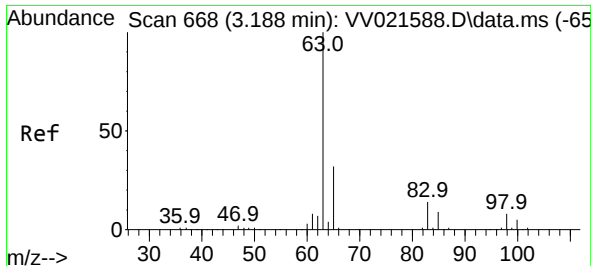
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#16
Methylene chloride
Concen: 1.497 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion: 84 Resp: 5664
Ion Ratio Lower Upper
84 100
86 69.9 45.1 83.9
49 128.2 82.5 153.3





#19

1,1-Dichloroethane

Concen: 2.719 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV021597.D

Acq: 02 Jul 2021 14:52

Tgt Ion:	63	Resp:	16836
Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.4	41.6
83	13.4	9.4	17.6

Instrument :

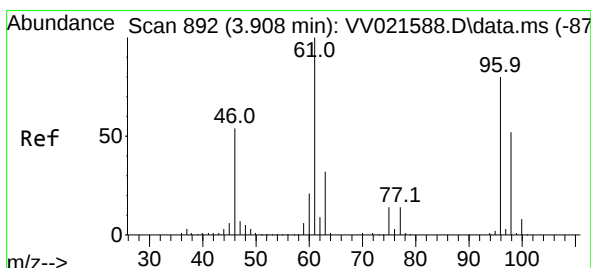
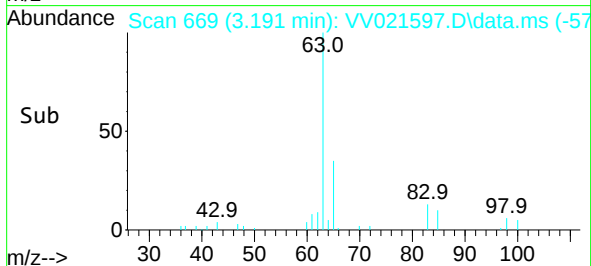
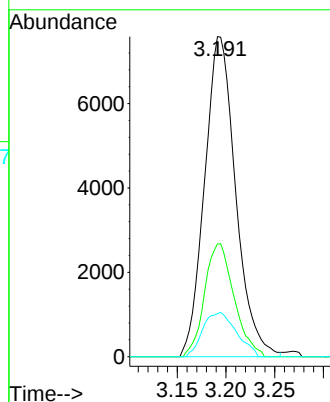
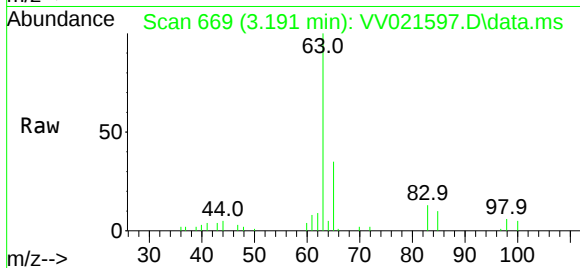
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ClientSampled :

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#20

cis-1,2-Dichloroethene

Concen: 4.072 ug/L

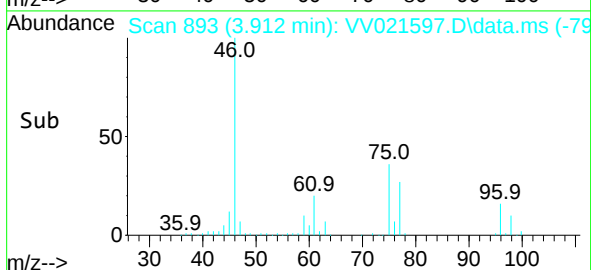
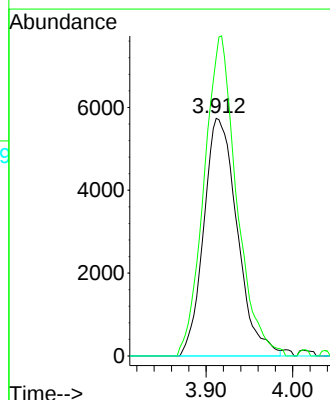
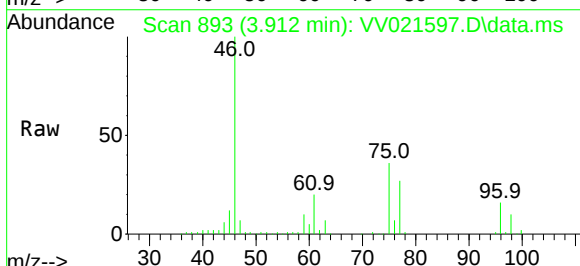
RT: 3.912 min Scan# 893

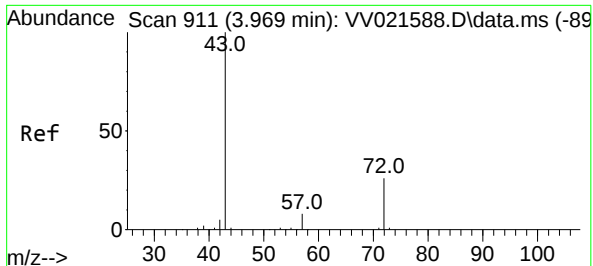
Delta R.T. 0.003 min

Lab File: VV021597.D

Acq: 02 Jul 2021 14:52

Tgt Ion:	96	Resp:	15393
Ion	Ratio	Lower	Upper
96	100		
61	125.7	86.9	161.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 5.235 ug/L m

RT: 3.998 min Scan# 920

Delta R.T. 0.029 min

Lab File: VV021597.D

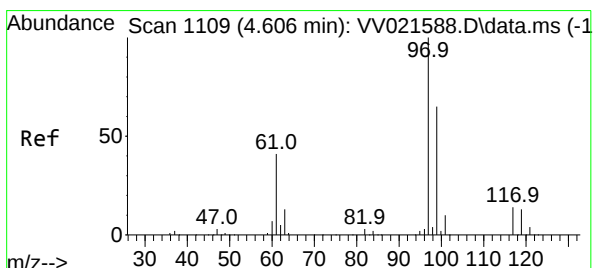
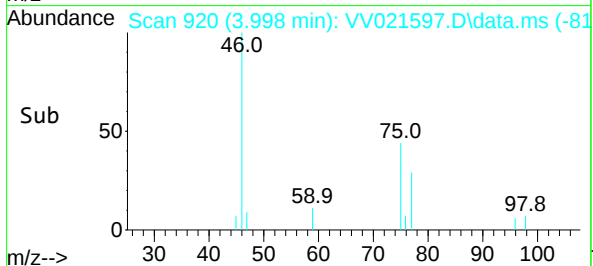
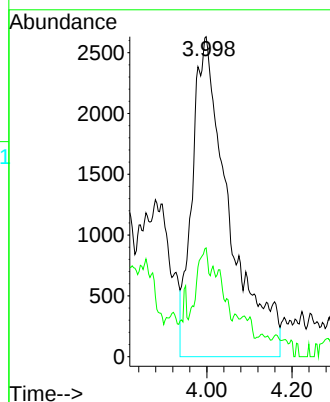
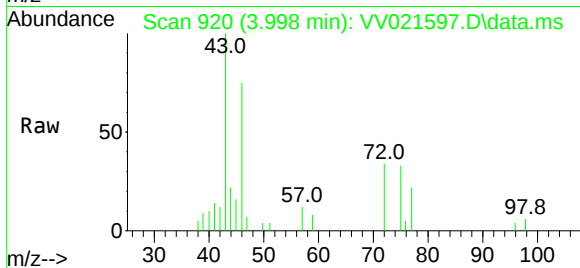
Acq: 02 Jul 2021 14:52

Tgt Ion: 43 Resp: 15760

Ion Ratio Lower Upper

43 100

72 0.2 13.3 39.8#



#30

1,1,1-Trichloroethane

Concen: 0.945 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021597.D

Acq: 02 Jul 2021 14:52

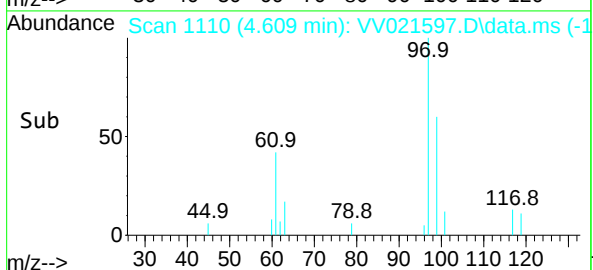
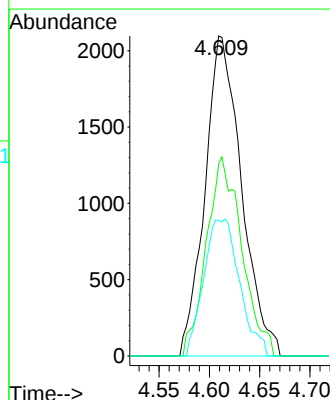
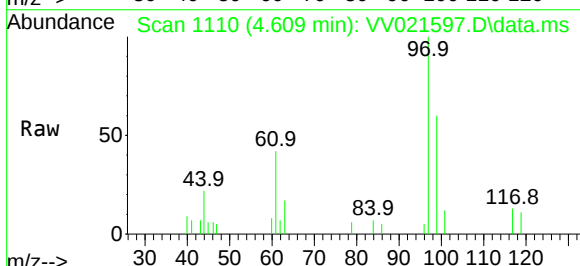
Tgt Ion: 97 Resp: 5302

Ion Ratio Lower Upper

97 100

99 37.1 52.1 78.1#

61 22.4 32.6 49.0#



Instrument :

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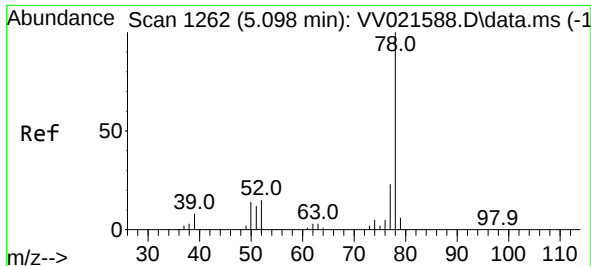
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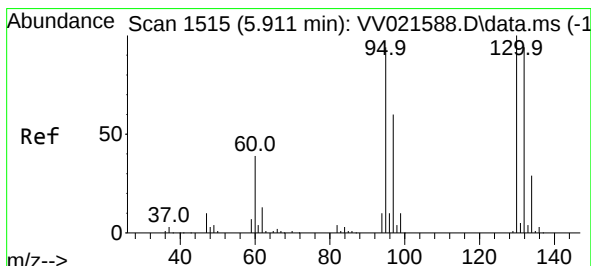
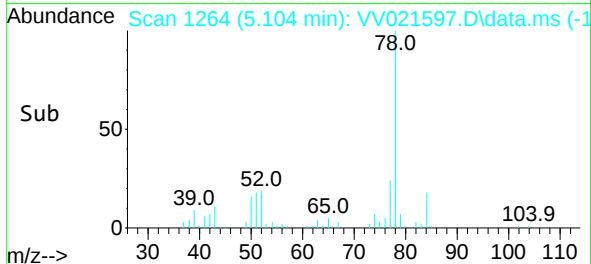
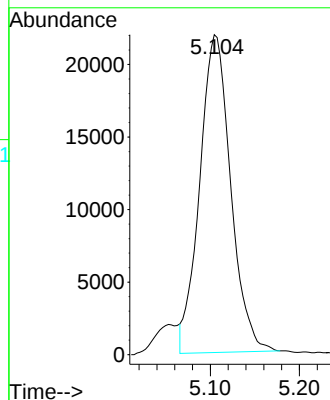
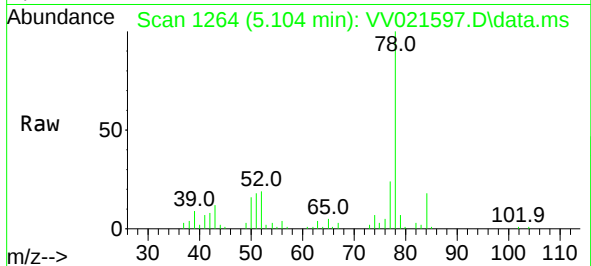
#33
Benzene
Concen: 3.894 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion: 78 Resp: 52917

Instrument :
MSVOA_V
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Manual Integrations
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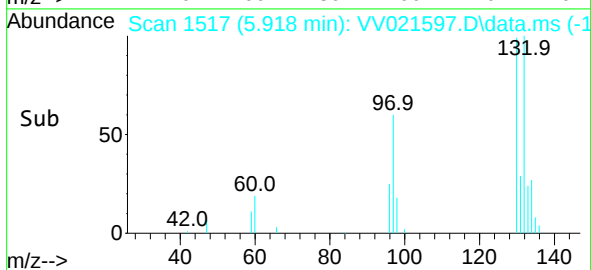
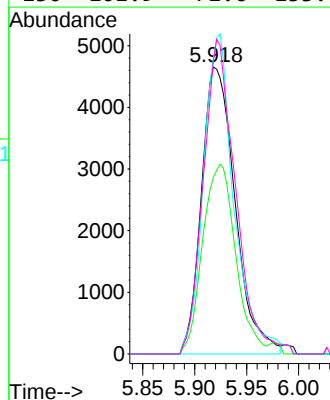
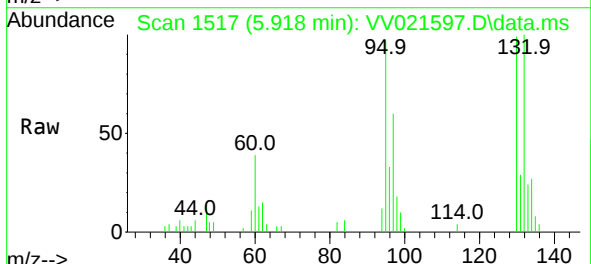
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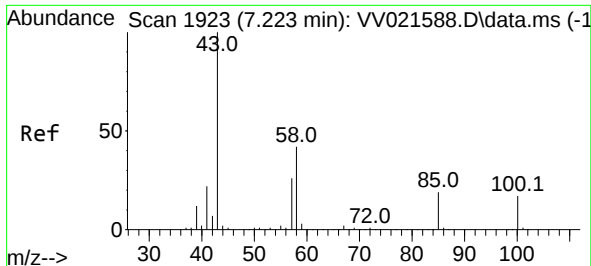


#34
Trichloroethene
Concen: 2.853 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion: 95 Resp: 10479

Ion	Ratio	Lower	Upper
95	100		
97	61.6	44.6	82.8
132	103.1	69.0	128.1
130	101.9	71.6	133.0





#40

4-Methyl-2-pentanone

Concen: 44.926 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV021597.D

Acq: 02 Jul 2021 14:52

Tgt Ion:	43	Resp:	232931
Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.8	49.2
100	17.3	13.5	20.3

Instrument :

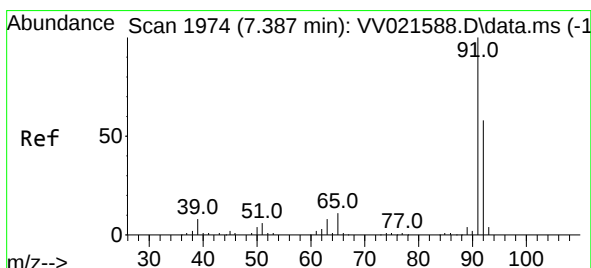
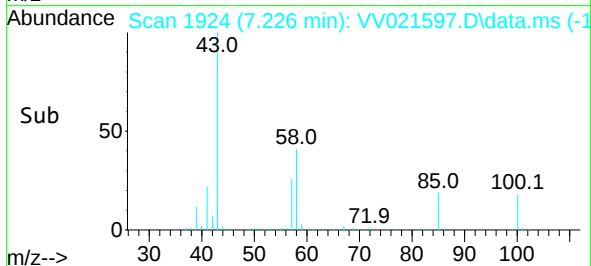
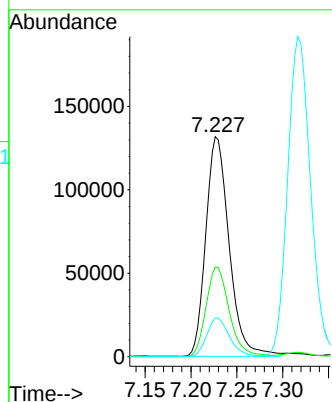
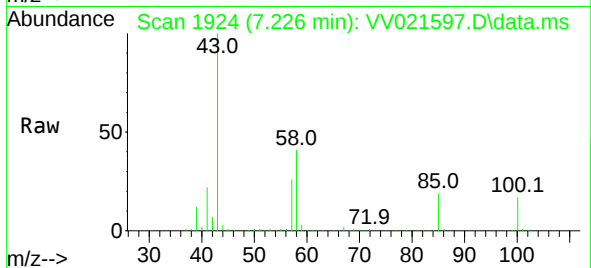
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#42

Toluene

Concen: 16.655 ug/L

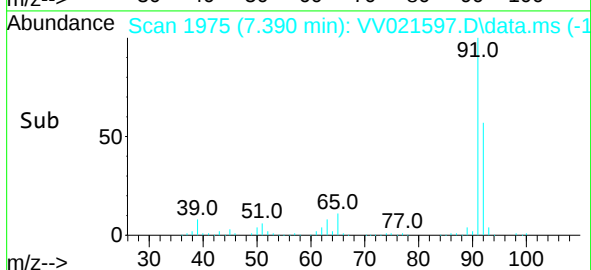
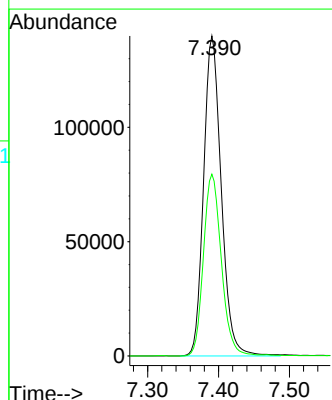
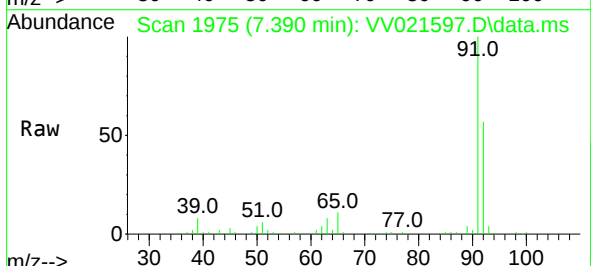
RT: 7.390 min Scan# 1975

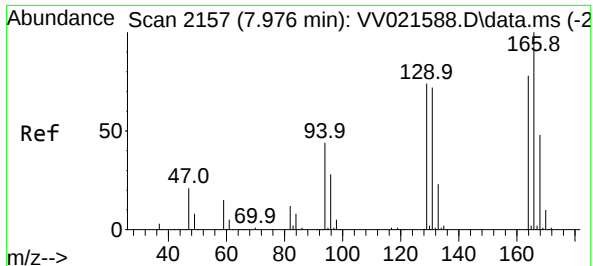
Delta R.T. 0.003 min

Lab File: VV021597.D

Acq: 02 Jul 2021 14:52

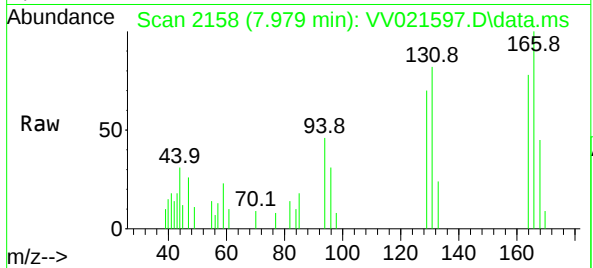
Tgt Ion:	91	Resp:	242414
Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.6	75.4





#46
Tetrachloroethene
Concen: 0.768 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

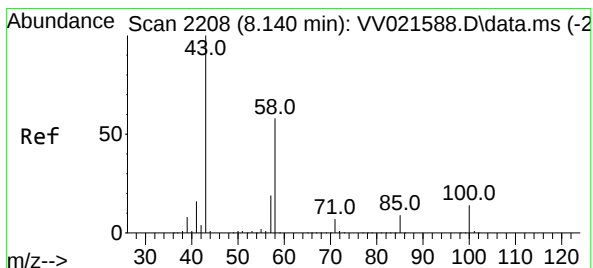
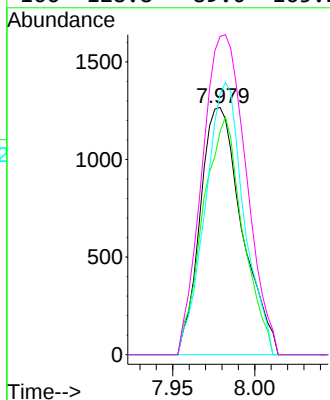
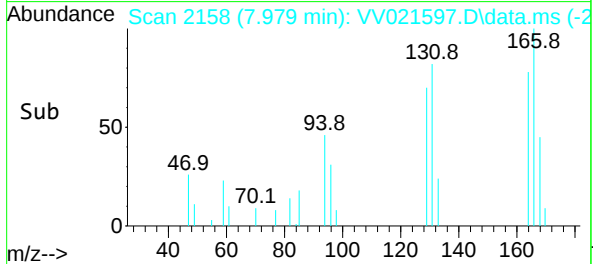


Tgt Ion: 164 Resp: 2244

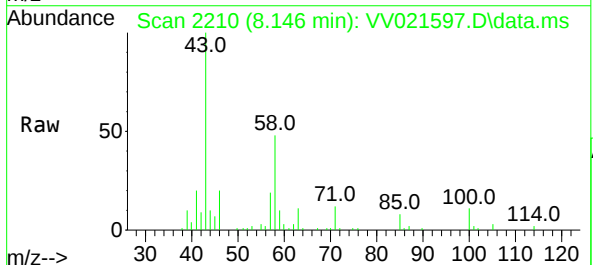
Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.9	122.3
131	105.4	64.0	119.0
166	128.8	89.0	165.2

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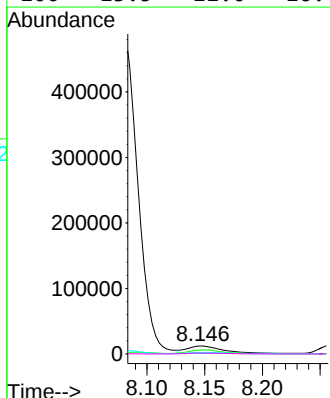
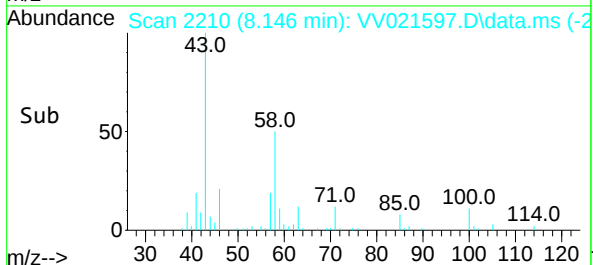


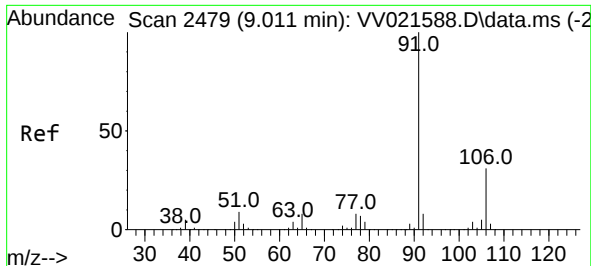
#48
2-Hexanone
Concen: 5.774 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52



Tgt Ion: 43 Resp: 23661

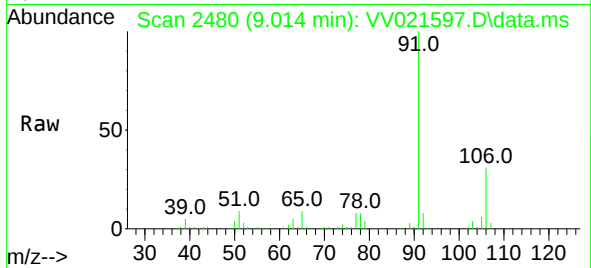
Ion	Ratio	Lower	Upper
43	100		
58	56.0	46.7	70.1
57	20.7	15.5	23.3
100	13.5	11.0	16.4





#52
Ethylbenzene
Concen: 4.644 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

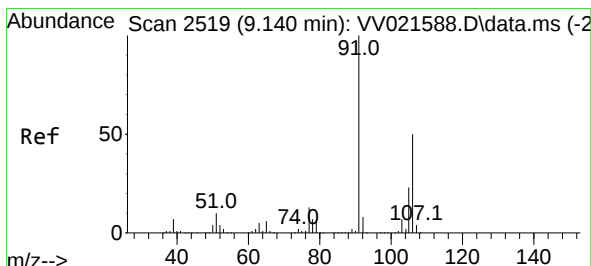
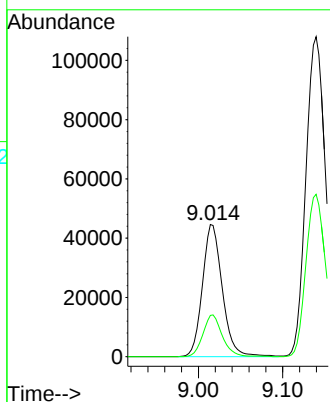
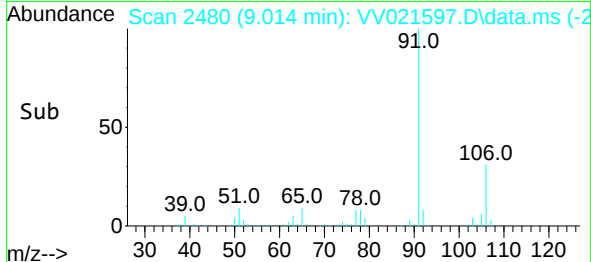
Instrument :
MSVOA_V
ClientSampled :
DBK23DL



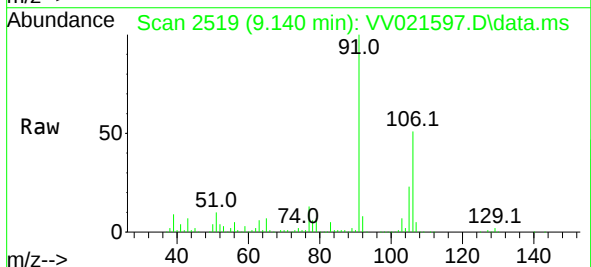
Tgt Ion: 91 Resp: 73434
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6

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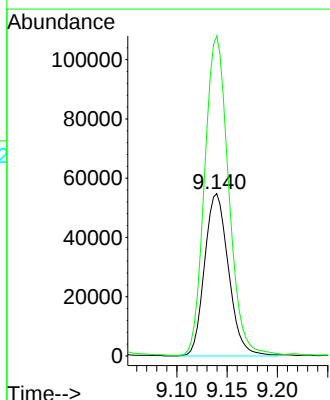
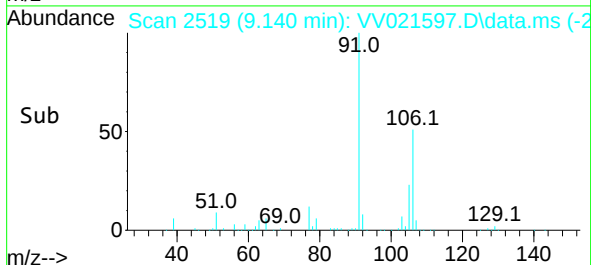
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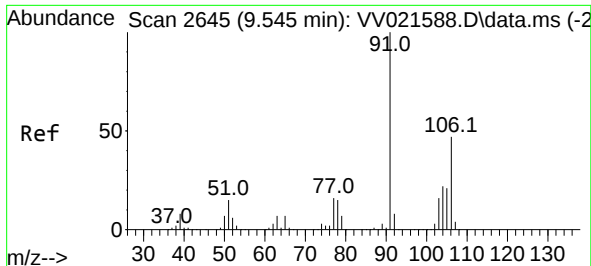


#53
m,p-Xylene
Concen: 14.987 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52



Tgt Ion: 106 Resp: 90946
Ion Ratio Lower Upper
106 100
91 197.1 138.7 257.5





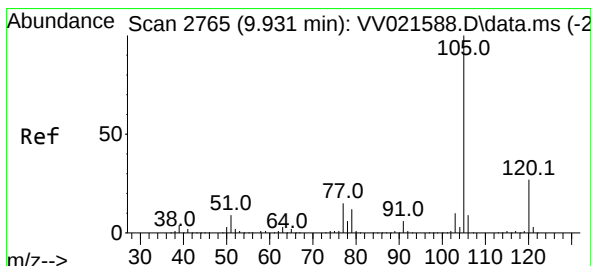
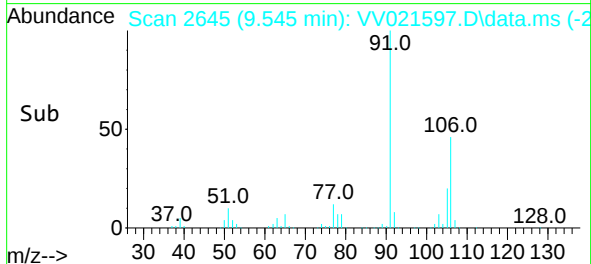
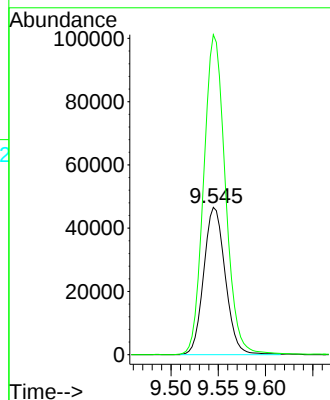
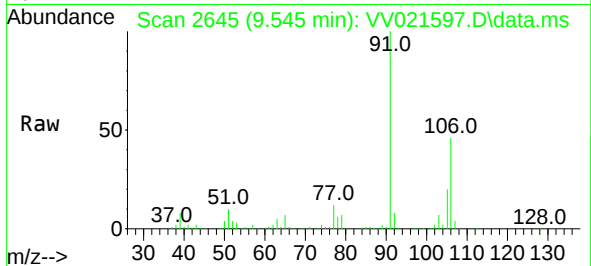
#54
o-Xylene
Concen: 12.228 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion:106 Resp: 74029
Ion Ratio Lower Upper
106 100
91 217.2 149.0 276.8

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

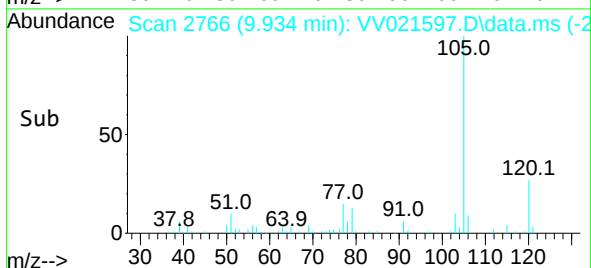
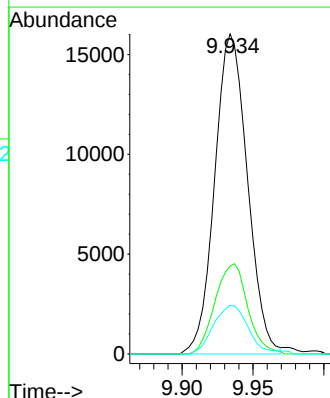
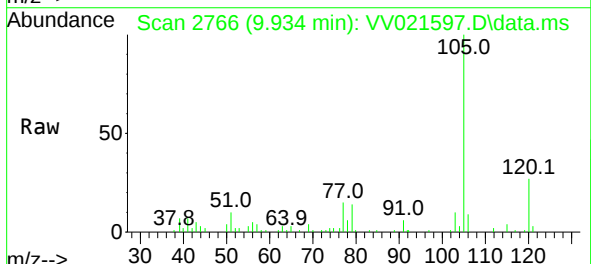
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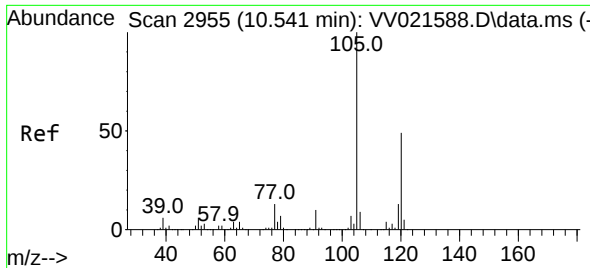
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#60
Isopropylbenzene
Concen: 1.645 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion:105 Resp: 25680
Ion Ratio Lower Upper
105 100
120 28.2 21.5 32.3
77 16.3 12.0 18.0





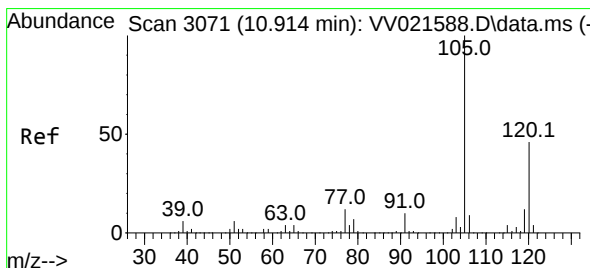
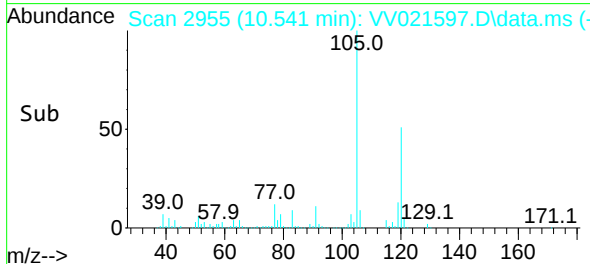
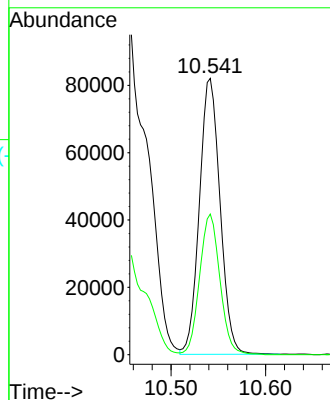
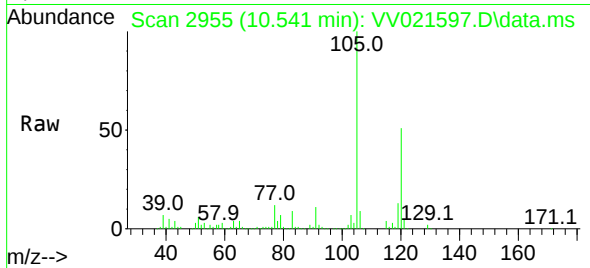
#62
1,3,5-Trimethylbenzene
Concen: 9.370 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion:105 Resp: 124627
Ion Ratio Lower Upper
105 100
120 50.1 40.0 60.0

Instrument :
MSVOA_V
ClientSampleId :
DBK23DL

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 23.198 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021597.D
Acq: 02 Jul 2021 14:52

Tgt Ion:105 Resp: 312263
Ion Ratio Lower Upper
105 100
120 45.8 37.1 55.7

