

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021975.D
 Acq On : 27 Aug 2021 14:52
 Operator : SY/MD
 Sample : M3549-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A3

Manual Integrations
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 8/30/2021 10:21:34 AM

Quant Time: Aug 28 02:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	389611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	366446	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	194905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128787	47.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.460%		
7) Chloroethane-d5	1.564	69	100691	47.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.580%		
11) 1,1-Dichloroethene-d2	2.105	63	161946	36.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.580%		
21) 2-Butanone-d5	3.876	46	181666	98.176	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.180%		
24) Chloroform-d	4.352	84	234736	47.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
26) 1,2-Dichloroethane-d4	5.034	65	144832	49.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.960%		
32) Benzene-d6	5.053	84	506928	51.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.000%		
36) 1,2-Dichloropropane-d6	6.072	67	156631	50.110	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.220%		
41) Toluene-d8	7.317	98	467227	49.798	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.600%		
43) trans-1,3-Dichloroprop...	7.625	79	66080	44.416	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.840%		
47) 2-Hexanone-d5	8.088	63	127605	106.395	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.400%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	210231	52.515	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.040%		
66) 1,2-Dichlorobenzene-d4	11.628	152	194957	50.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.760%		
Target Compounds						Qvalue
13) Acetone	2.159	43	22592	14.572	ug/L	# 73
22) 2-Butanone	3.998	43	10720m	4.919	ug/L	
25) Chloroform	4.407	83	9124m	1.781	ug/L	
29) Cyclohexane	4.677	56	365979	89.343	ug/L	98
33) Benzene	5.101	78	256066	24.018	ug/L	100
35) Methylcyclohexane	6.133	83	443532	100.463	ug/L	95
42) Toluene	7.394	91	96242	8.364	ug/L	99
52) Ethylbenzene	9.014	91	319080	25.616	ug/L	100
53) m,p-Xylene	9.140	106	134879	27.859	ug/L	98
54) o-Xylene	9.548	106	33955	7.088	ug/L	97
60) Isopropylbenzene	9.934	105	180807	14.763	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	33899	3.297	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	84751	8.110	ug/L	98

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

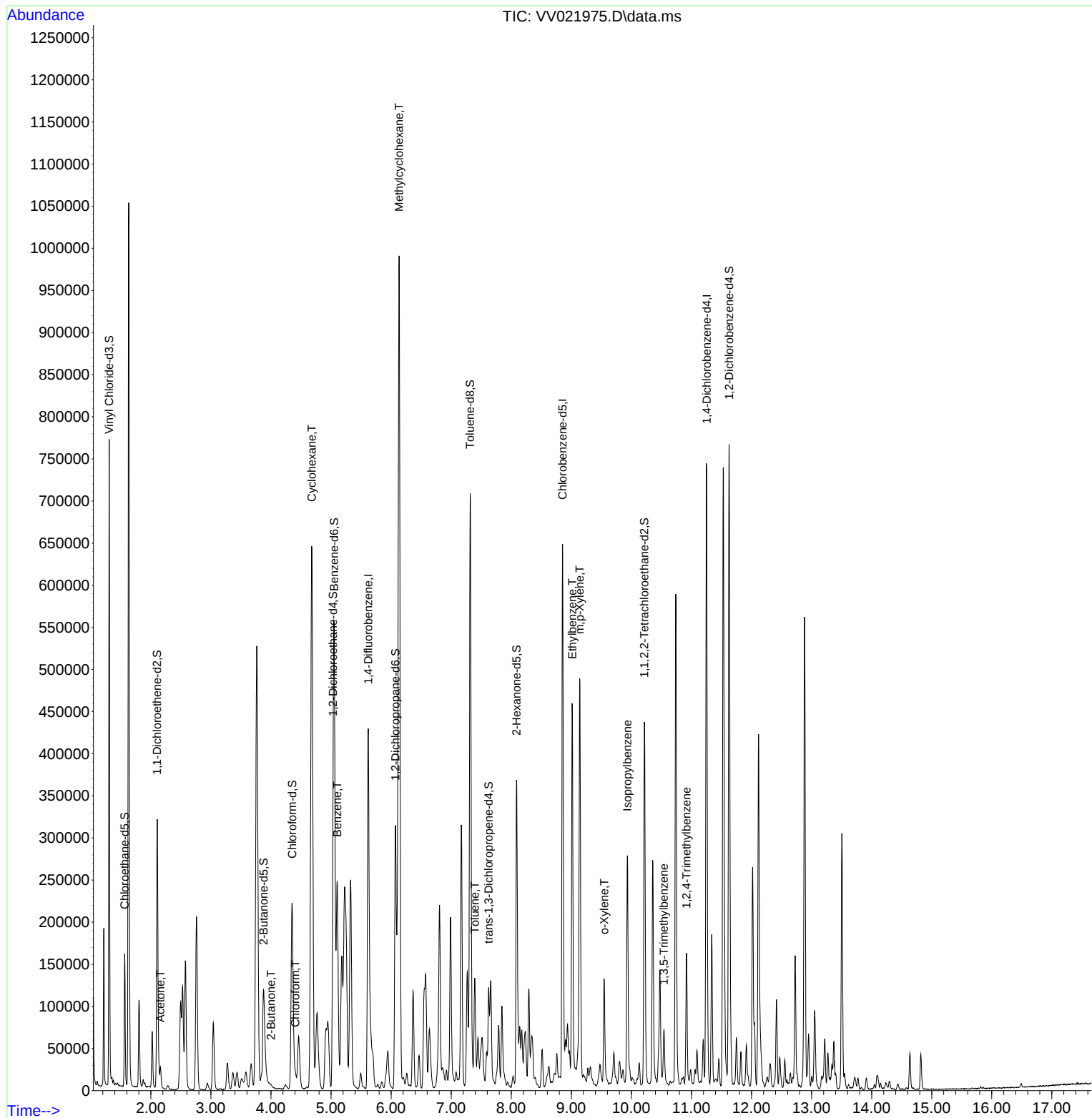
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Data File : VV021975.D
Acq On : 27 Aug 2021 14:52
Operator : SY/MD
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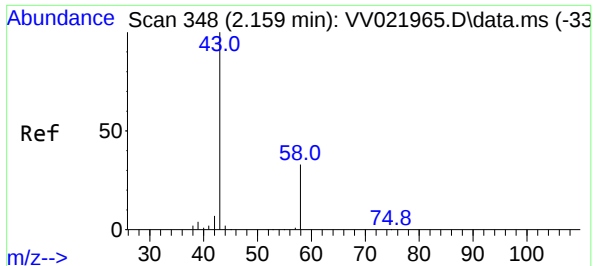
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QLast Update : Sat Aug 28 02:34:14 2021
Response via : Initial Calibration





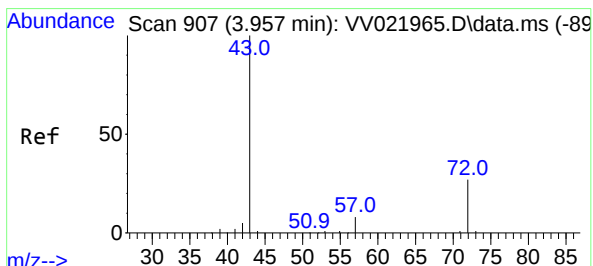
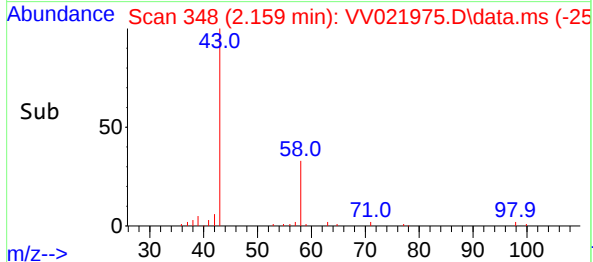
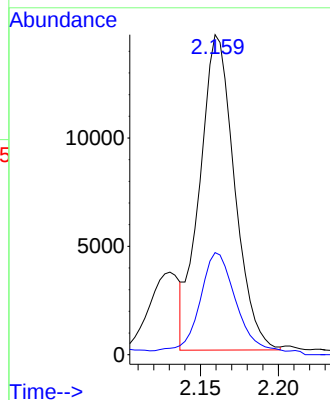
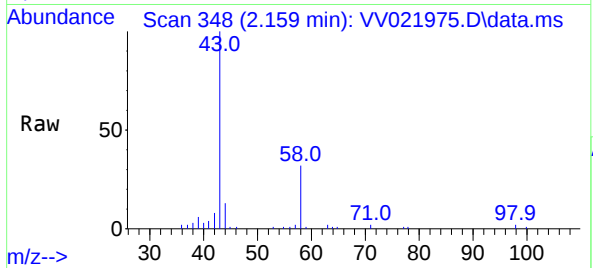
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Acetone
Concen: 14.572 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 43 Resp: 22592
Ion Ratio Lower Upper
43 100
58 35.1 0.0 0.4#

Instrument :
MSVOA_V
ClientSampled :
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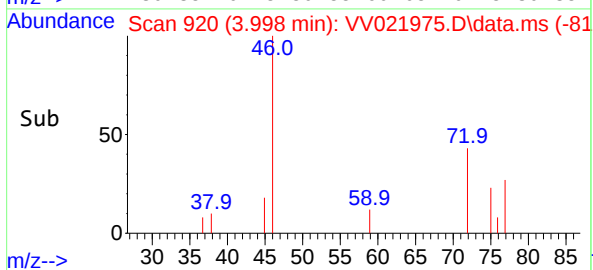
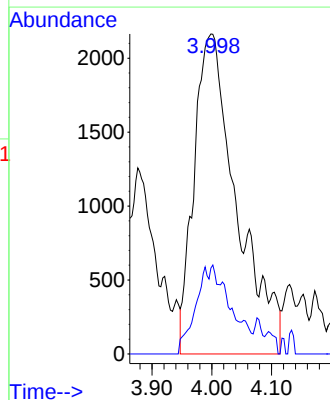
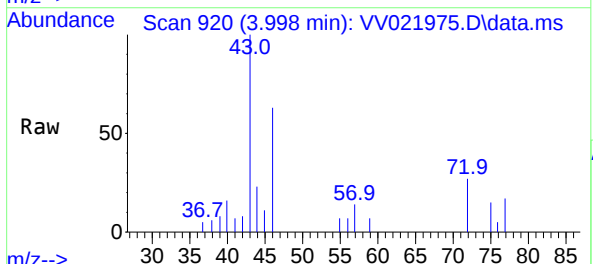
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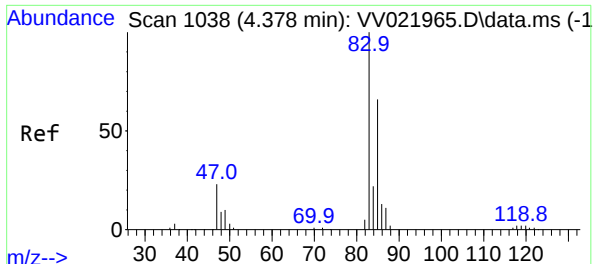
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#22
2-Butanone
Concen: 4.919 ug/L m
RT: 3.998 min Scan# 920
Delta R.T. 0.042 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 43 Resp: 10720
Ion Ratio Lower Upper
43 100
72 0.8 13.3 39.8#





#25

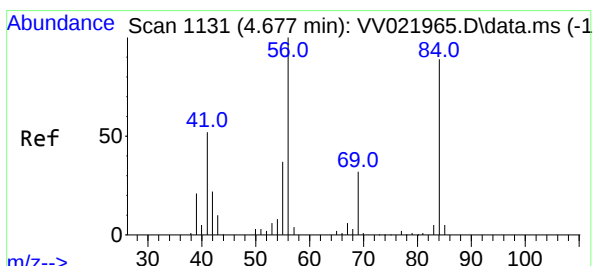
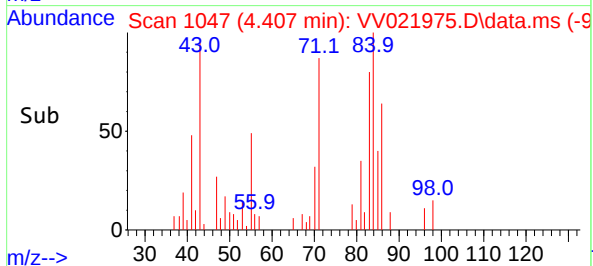
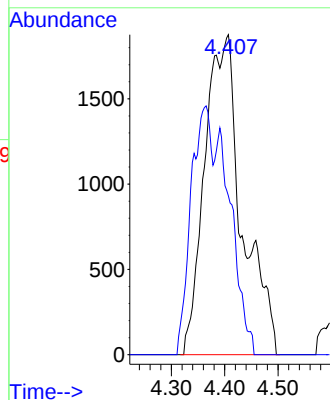
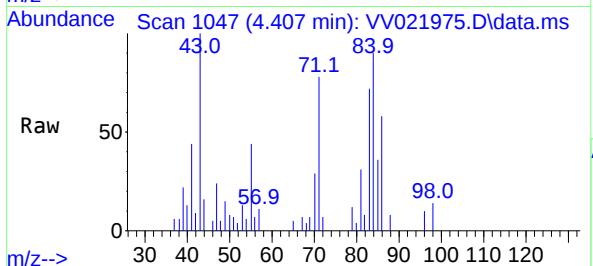
Chloroform
Concen: 1.781 ug/L m
RT: 4.407 min Scan# 1047
Delta R.T. 0.029 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 83 Resp: 9124
Ion Ratio Lower Upper
83 100
85 49.7 46.3 85.9

Instrument :
MSVOA_V
ClientSampled :
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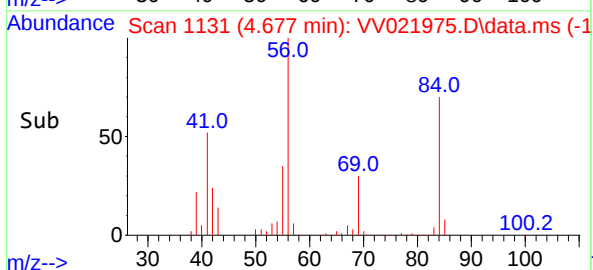
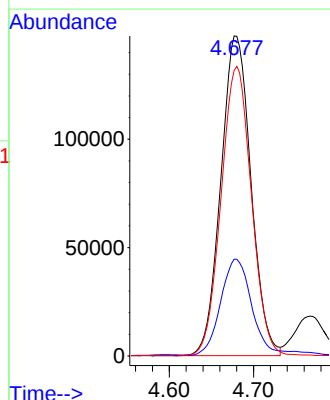
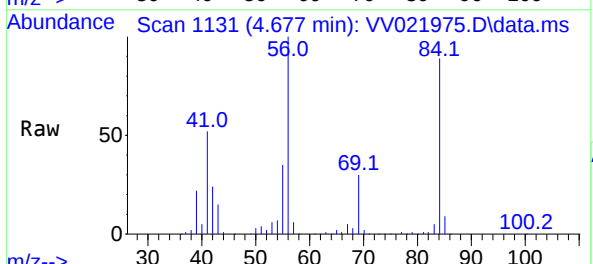
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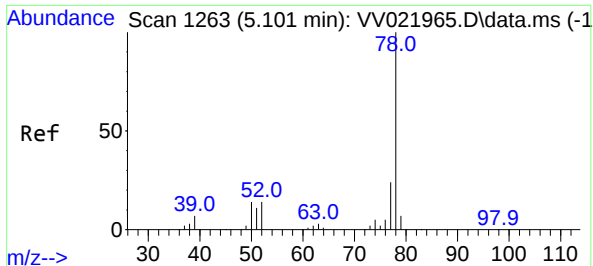


#29

Cyclohexane
Concen: 89.343 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 56 Resp: 365979
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 91.4 74.6 111.8





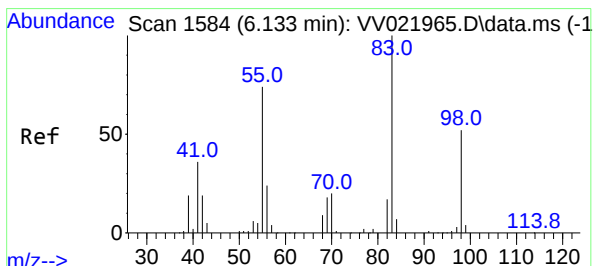
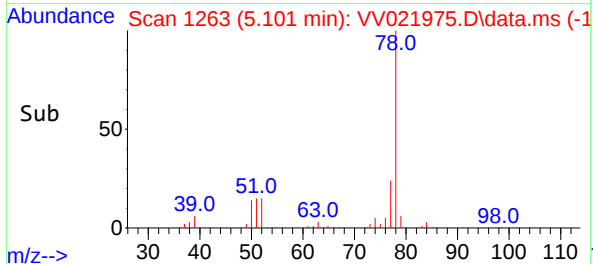
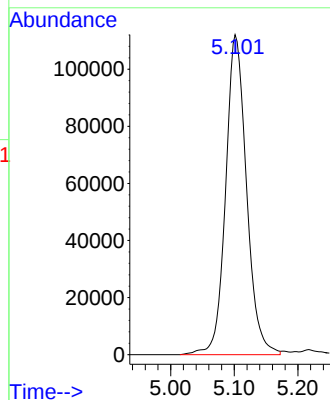
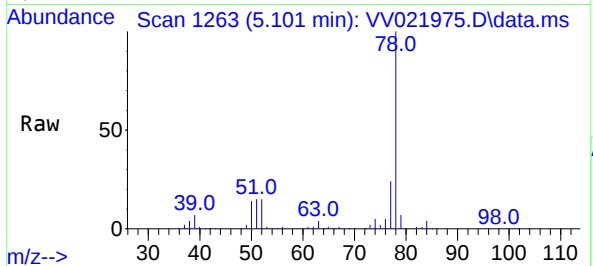
#33
Benzene
Concen: 24.018 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 78 Resp: 256066

Instrument :
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ClientSampleId :
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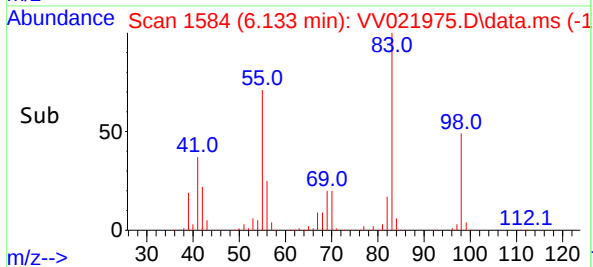
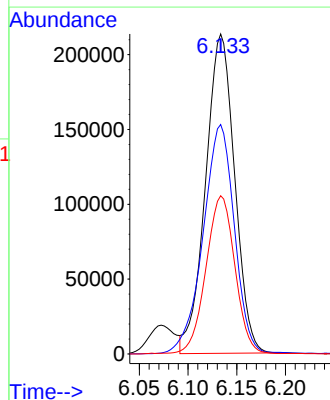
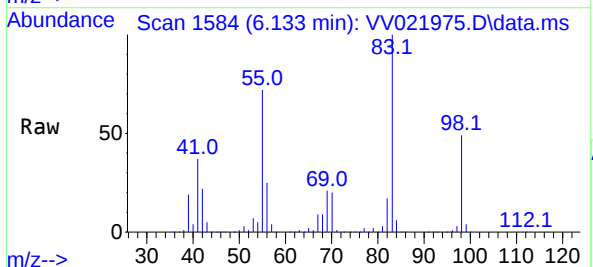
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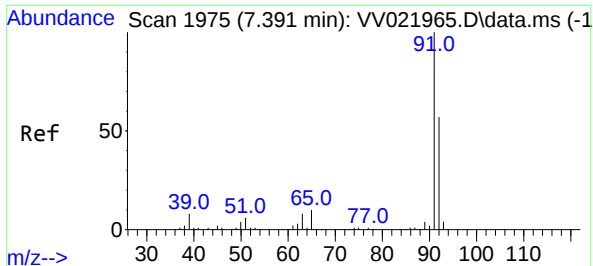


#35
Methylcyclohexane
Concen: 100.463 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 83 Resp: 443532

Ion	Ratio	Lower	Upper
83	100		
55	77.7	56.8	85.2
98	49.2	39.9	59.9





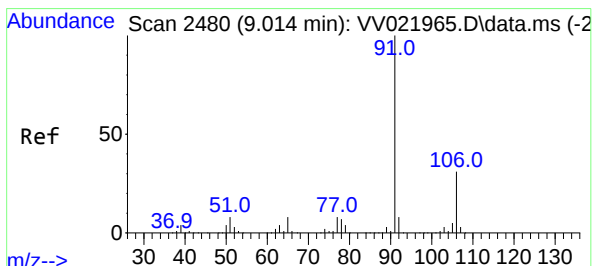
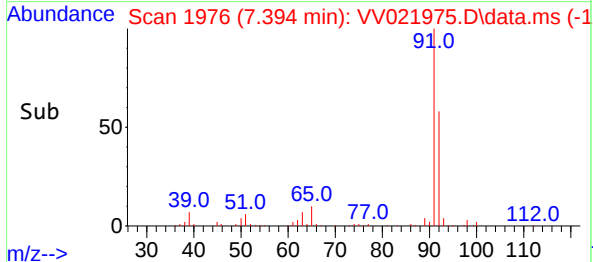
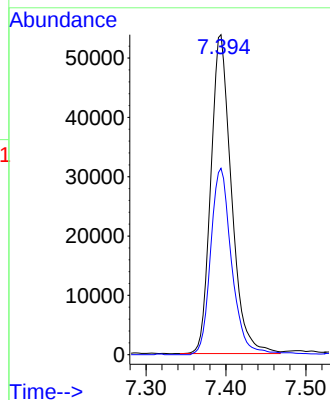
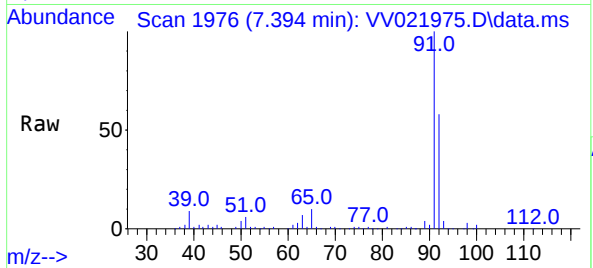
#42
Toluene
Concen: 8.364 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 91 Resp: 96242
Ion Ratio Lower Upper
91 100
92 58.3 40.3 74.8

Instrument :
MSVOA_V
ClientSampled :
EW7A3

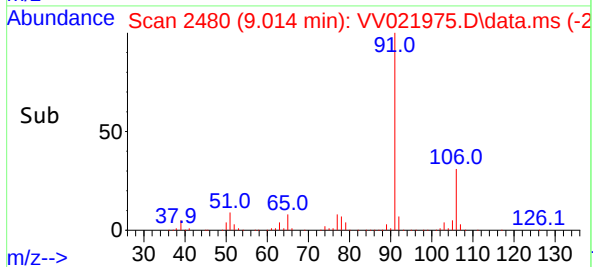
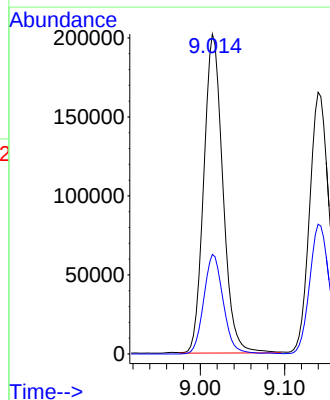
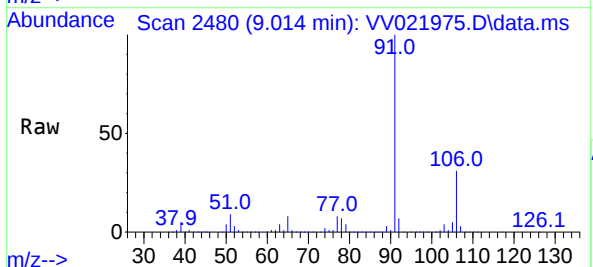
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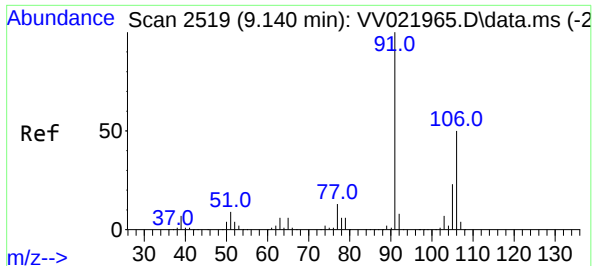
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#52
Ethylbenzene
Concen: 25.616 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion: 91 Resp: 319080
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3





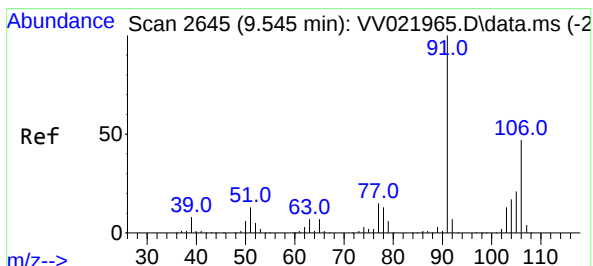
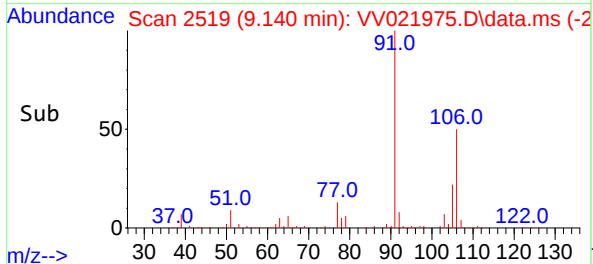
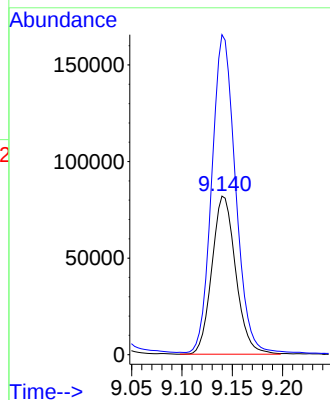
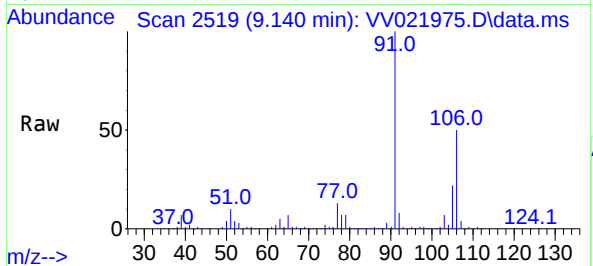
#53
m,p-Xylene
Concen: 27.859 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion:106 Resp: 134879
Ion Ratio Lower Upper
106 100
91 201.8 139.1 258.3

Instrument :
MSVOA_V
ClientSampled :
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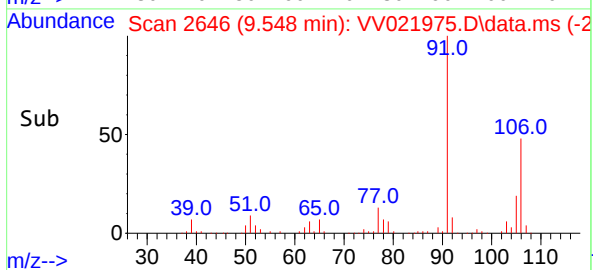
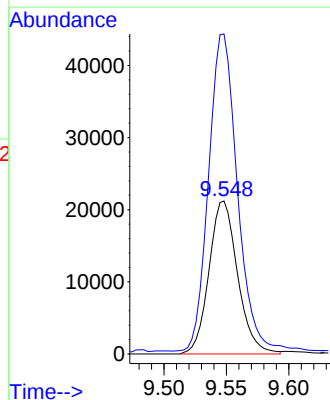
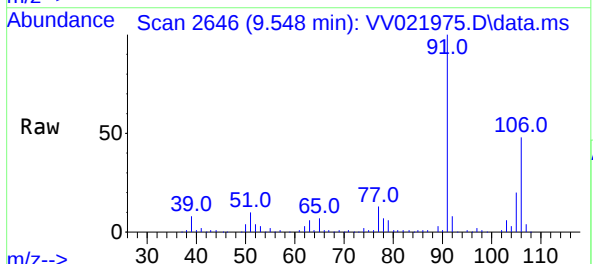
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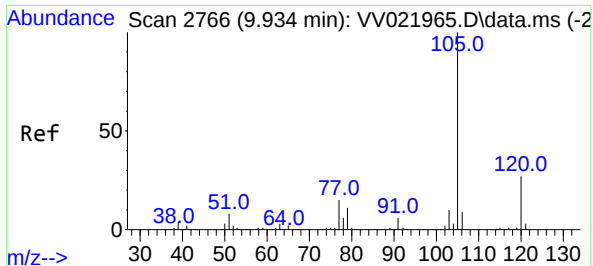
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#54
o-Xylene
Concen: 7.088 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion:106 Resp: 33955
Ion Ratio Lower Upper
106 100
91 209.1 150.1 278.9





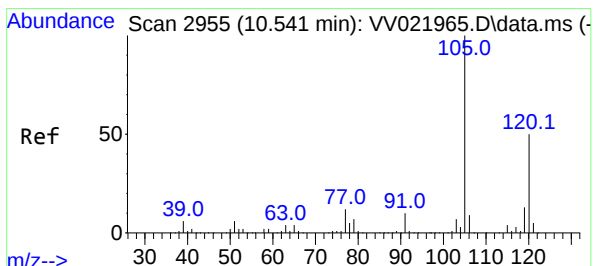
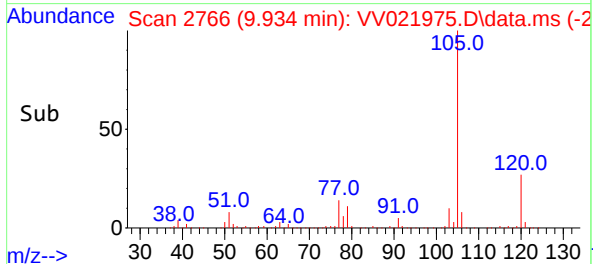
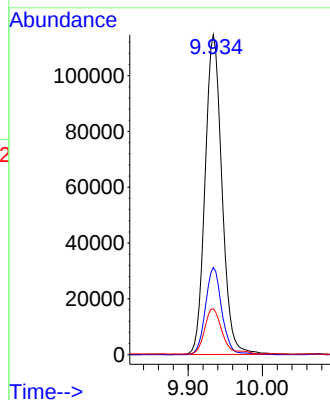
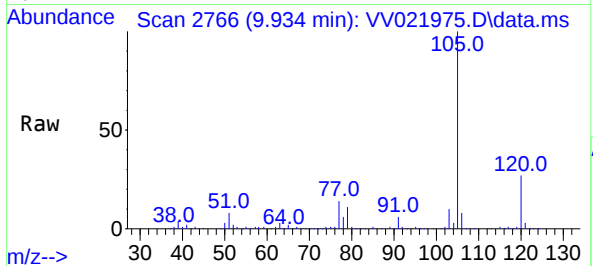
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Isopropylbenzene
Concen: 14.763 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion:105 Resp: 180807
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 14.3 11.8 17.6

Instrument :
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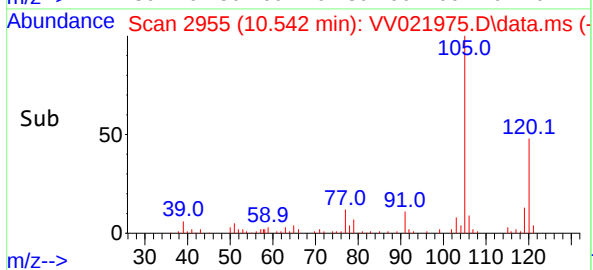
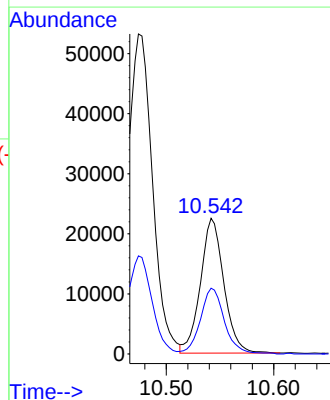
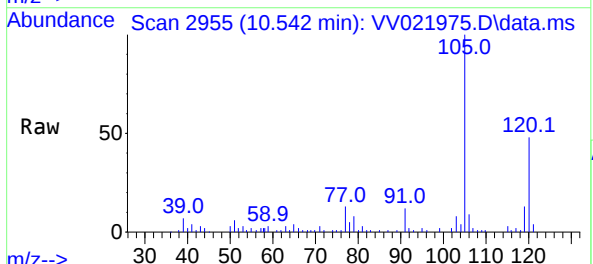
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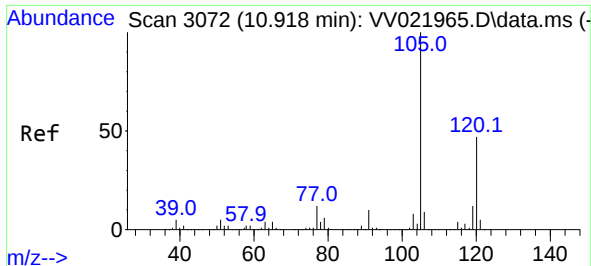
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#62
1,3,5-Trimethylbenzene
Concen: 3.297 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021975.D
Acq: 27 Aug 2021 14:52

Tgt Ion:105 Resp: 33899
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 8.110 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: VV021975.D
 Acq: 27 Aug 2021 14:52

Tgt Ion:105 Resp: 84751
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.4 56.0

Instrument :
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