

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023989.D
 Acq On : 15 Dec 2021 18:26
 Operator : SY/MD
 Sample : M4971-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:51:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96389	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16961	3.273	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	65.400%		
7) Chloroethane-d5	1.568	69	17547	4.059	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.108	63	24518	2.424	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	48.400%#		
20) 2-Butanone-d5	3.908	46	67422	66.598	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	133.200%#		
24) Chloroform-d	4.349	84	50703	4.320	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.400%		
26) 1,2-Dichloroethane-d4	5.037	65	26521	4.853	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.000%		
32) Benzene-d6	5.050	84	79645	3.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.800%		
36) 1,2-Dichloropropane-d6	6.069	67	27823	4.557	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.200%		
41) Toluene-d8	7.317	98	58676	3.221	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	64.400%#		
43) trans-1,3-Dichloroprop...	7.625	79	9293	3.669	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	73.400%		
46) 2-Hexanone-d5	8.088	63	52478	46.284	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.560%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23080	4.557	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	32188	4.586	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.800%		
Target Compounds						
3) Chloromethane	1.240	50	1038	0.145	ug/L	91
13) Acetone	2.188	43	10365m	12.797	ug/L	
30) Cyclohexane	4.680	56	1033	0.097	ug/L #	69
33) Benzene	5.104	78	30593	1.058	ug/L	100
42) Toluene	7.391	91	54012	1.660	ug/L	99
52) Ethylbenzene	9.018	91	3787	0.110	ug/L	97
53) m,p-xylene	9.136	106	4883	0.360	ug/L	95
54) o-xylene	9.545	106	4482	0.341	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	1597	0.062	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	6994	0.274	ug/L	96

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

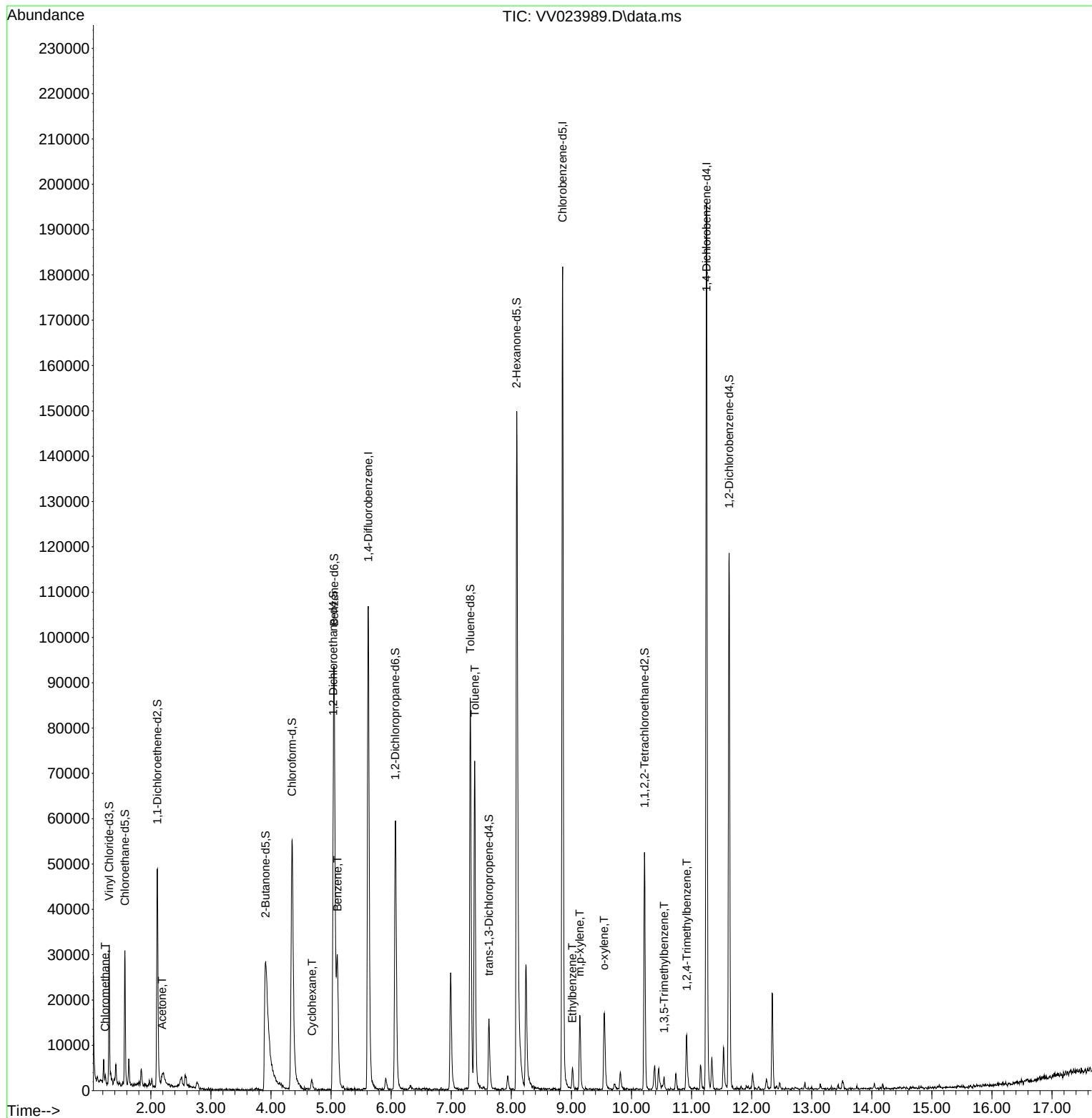
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023989.D
Acq On : 15 Dec 2021 18:26
Operator : SY/MD
Sample : M4971-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3D9

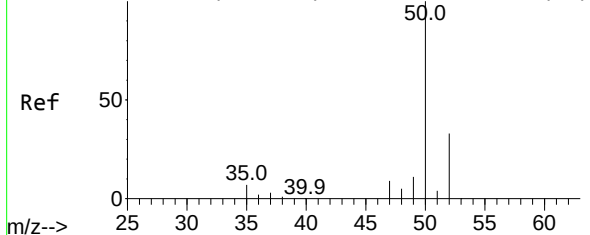
Manual Integrations
APPROVED

Reviewed By : John Carlone 12/16/2021
Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:51:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023979.D\data.ms (-54)



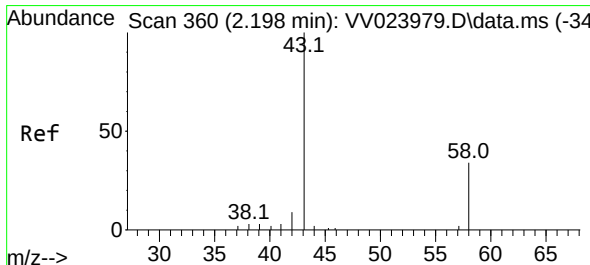
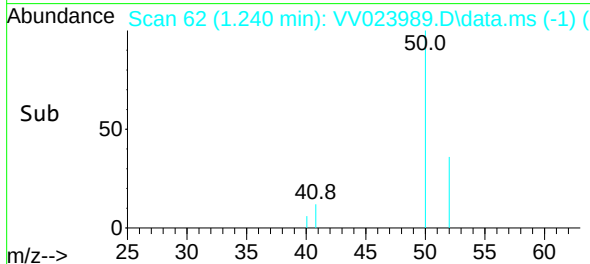
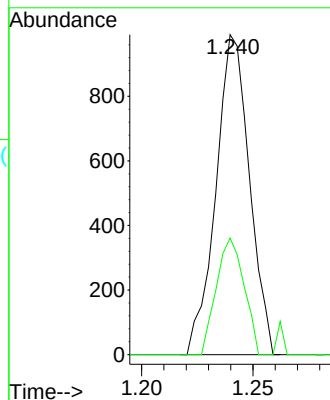
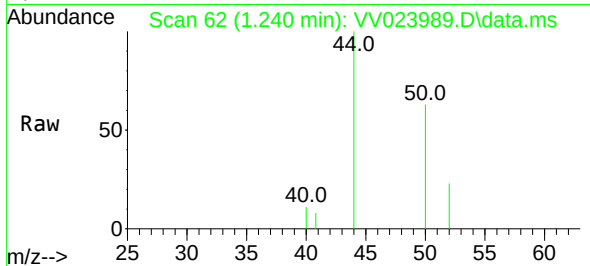
#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
BG3D9

Tgt Ion: 50 Resp: 1038
Ion Ratio Lower Upper
50 100
52 36.4 22.0 41.0

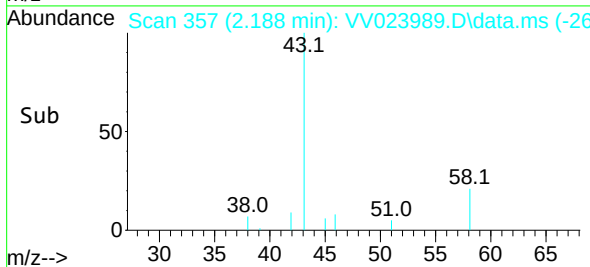
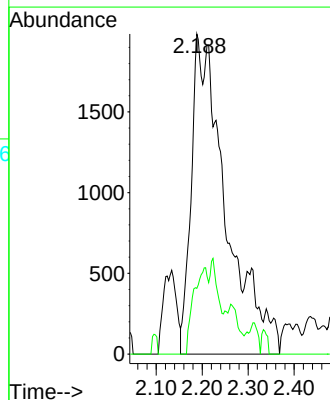
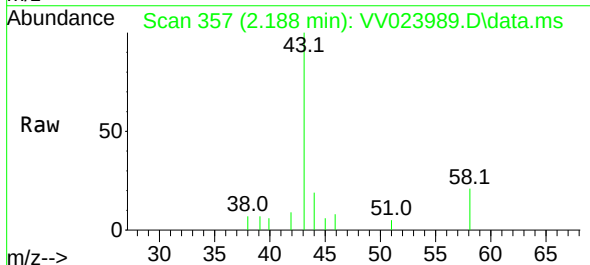
Manual Integrations
APPROVED

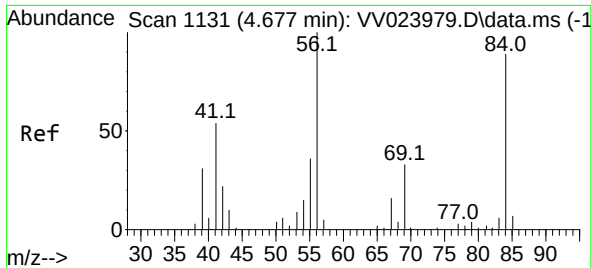
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#13
Acetone
Concen: 12.797 ug/L m
RT: 2.188 min Scan# 357
Delta R.T. -0.010 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

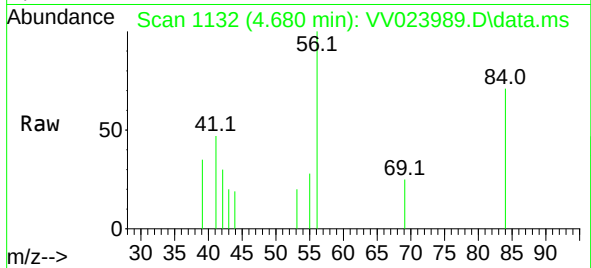
Tgt Ion: 43 Resp: 10365
Ion Ratio Lower Upper
43 100
58 11.3 0.0 41.4





#30
Cyclohexane
Concen: 0.097 ug/L
RT: 4.680 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

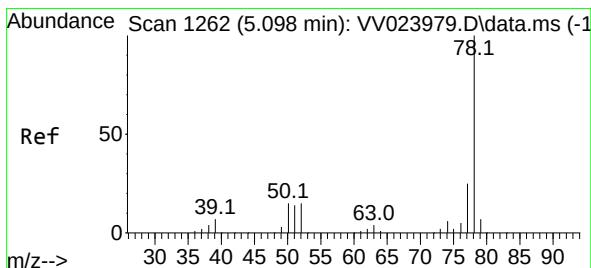
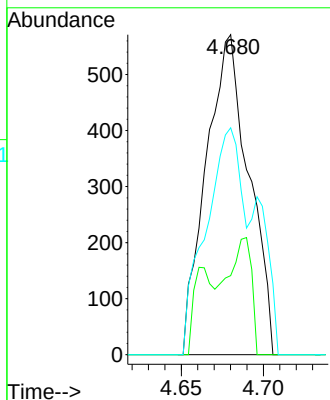
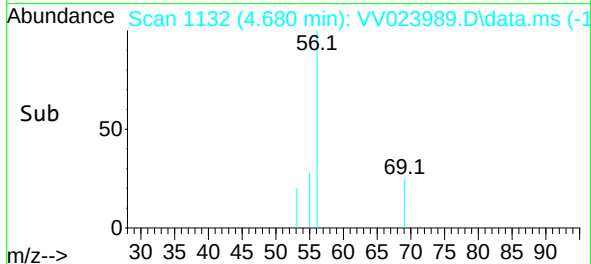
Instrument :
MSVOA_V
ClientSampleId :
BG3D9



Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
69 21.2 24.8 37.2
84 61.1 75.9 113.9

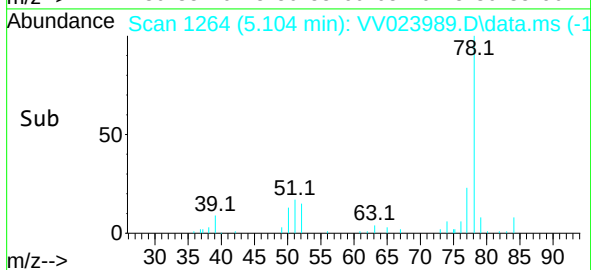
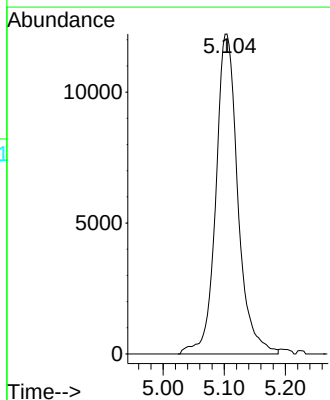
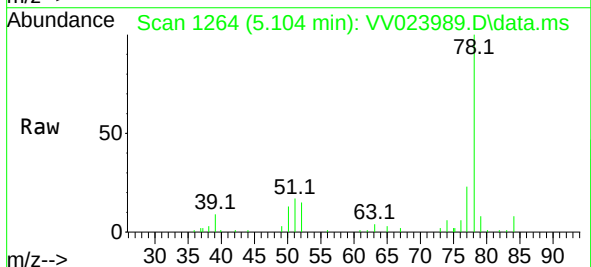
Manual Integrations
APPROVED

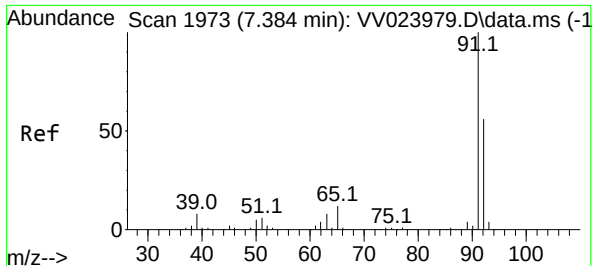
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#33
Benzene
Concen: 1.058 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

Tgt Ion: 78 Resp: 30593





#42

Toluene

Concen: 1.660 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV023989.D

Acq: 15 Dec 2021 18:26

Instrument :

MSVOA_V

ClientSampleId :

BG3D9

Tgt Ion: 91 Resp: 5401

Ion Ratio Lower Upper

91 100

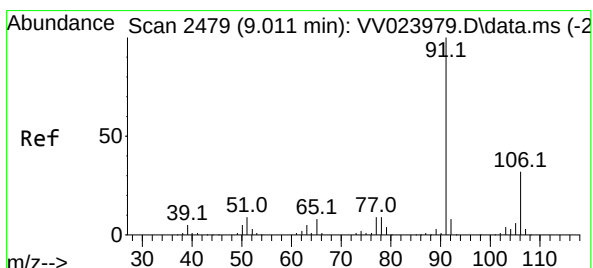
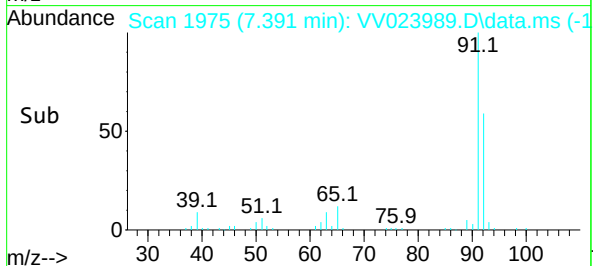
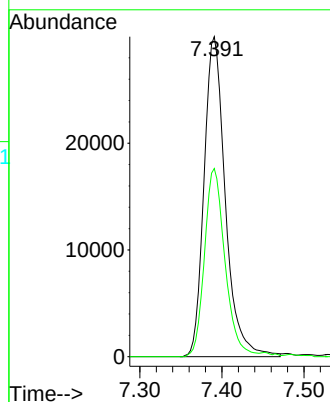
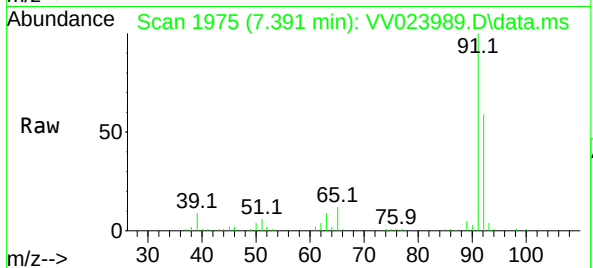
92 58.8 41.5 77.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/22/2021



#52

Ethylbenzene

Concen: 0.110 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV023989.D

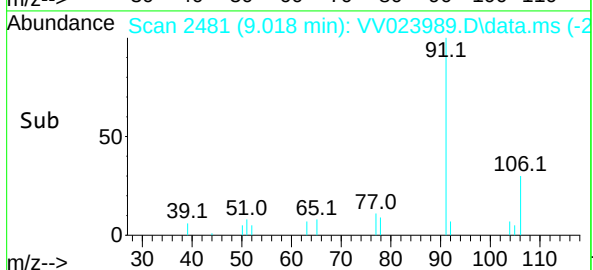
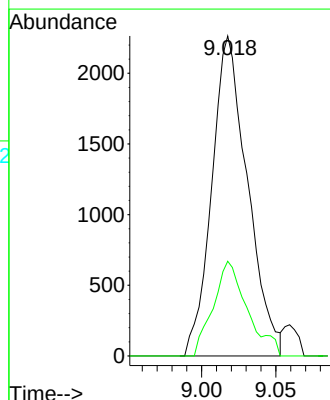
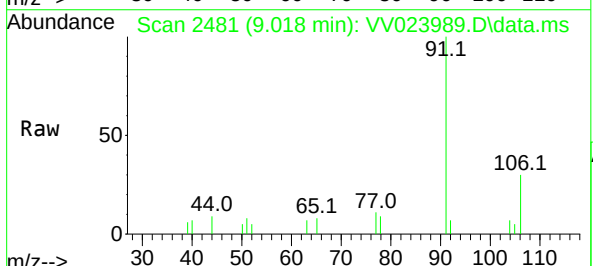
Acq: 15 Dec 2021 18:26

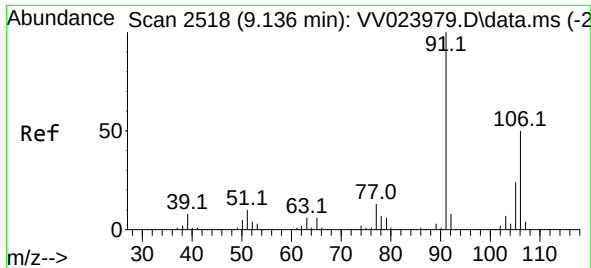
Tgt Ion: 91 Resp: 3787

Ion Ratio Lower Upper

91 100

106 29.6 22.0 41.0





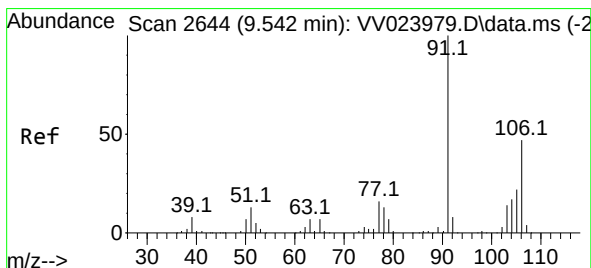
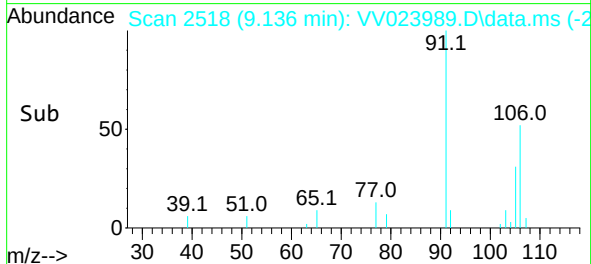
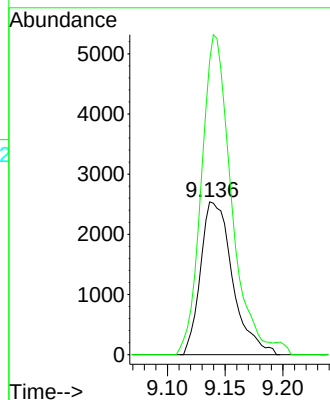
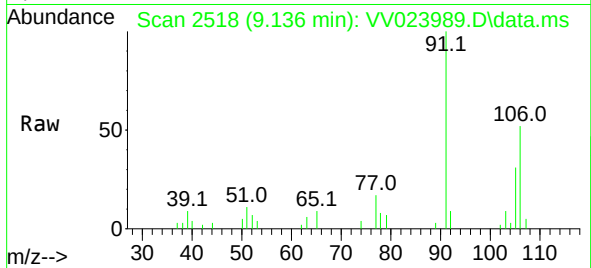
#53
m,p-xylene
Concen: 0.360 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
BG3D9

Tgt Ion:106 Resp: 488
Ion Ratio Lower Upper
106 100
91 192.3 139.5 259.1

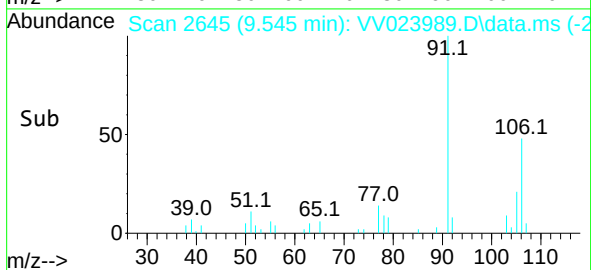
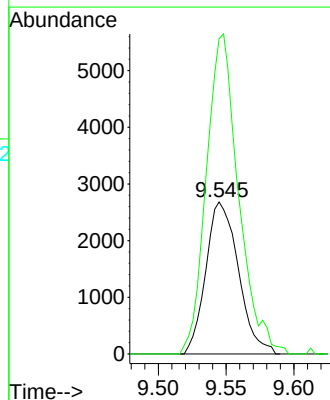
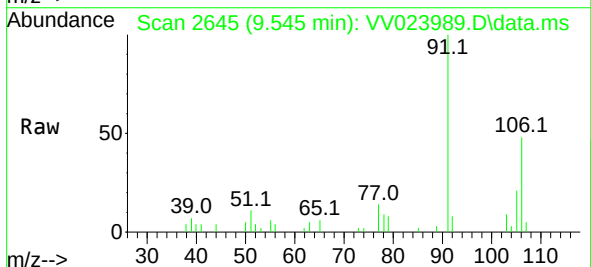
Manual Integrations
APPROVED

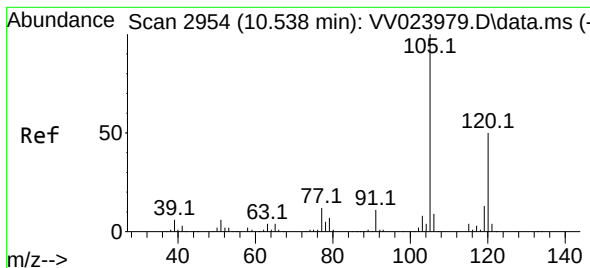
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#54
o-xylene
Concen: 0.341 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023989.D
Acq: 15 Dec 2021 18:26

Tgt Ion:106 Resp: 4482
Ion Ratio Lower Upper
106 100
91 207.4 147.9 274.7





#62

1,3,5-Trimethylbenzene

Concen: 0.062 ug/L

RT: 10.545 min Scan# 2954

Delta R.T. 0.006 min

Lab File: VV023989.D

Acq: 15 Dec 2021 18:26

Instrument :

MSVOA_V

ClientSampleId :

BG3D9

Tgt Ion:105 Resp: 159

Ion Ratio Lower Upper

105 100

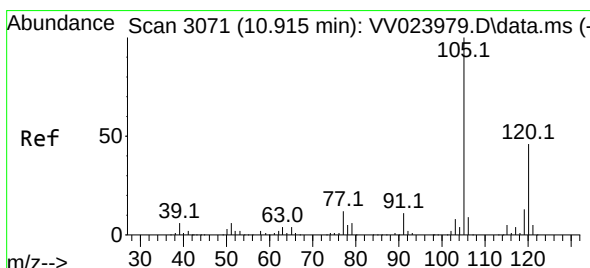
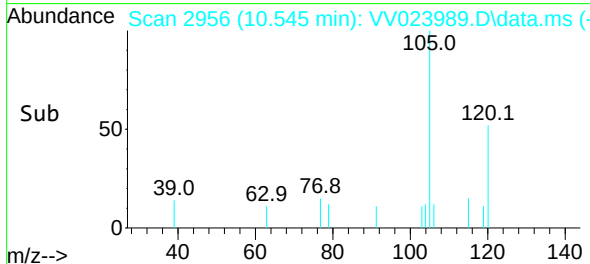
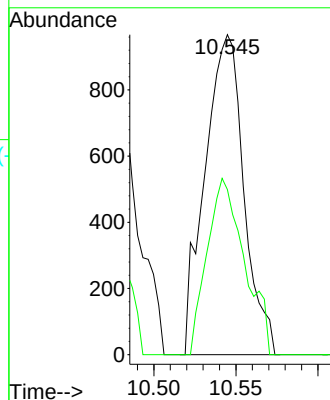
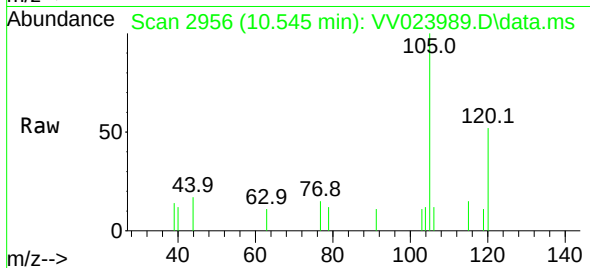
120 52.7 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Mahesh Dadoda 12/22/2021



#63

1,2,4-Trimethylbenzene

Concen: 0.274 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV023989.D

Acq: 15 Dec 2021 18:26

Tgt Ion:105 Resp: 6994

Ion Ratio Lower Upper

105 100

120 43.5 36.7 55.1

