

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026527.D
 Acq On : 23 Jun 2022 20:19
 Operator : SY/MD
 Sample : N3400-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

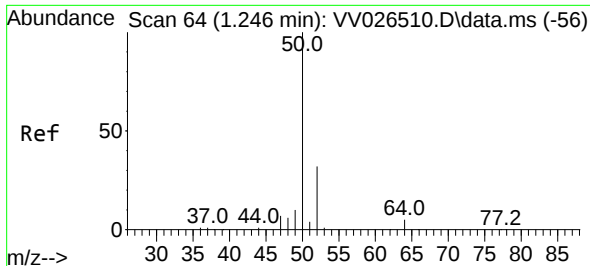
Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 02:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	219588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	205200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	84741	4.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.577	69	68702	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.118	63	112457	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.928	46	107789	61.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.780%
24) Chloroform-d	4.359	84	137057	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.040	65	56072	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.056	84	282030	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	83502	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	237201	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.629	79	19759	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.092	63	82407	51.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52750	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	86033	5.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	3905	0.214	ug/L	96
8) Chloroethane	1.597	64	3692m	0.279	ug/L	
13) Acetone	2.220	43	25829	23.190	ug/L	92
14) Carbon disulfide	2.304	76	4790	0.122	ug/L	99
19) 1,1-Dichloroethane	3.208	63	1641	0.060	ug/L	92
33) Benzene	5.108	78	17687	0.295	ug/L	100
42) Toluene	7.394	91	50766	0.821	ug/L	98
51) Chlorobenzene	8.889	112	2725	0.067	ug/L #	92
52) Ethylbenzene	9.021	91	4857	0.076	ug/L	91
53) m,p-Xylene	9.143	106	5814	0.233	ug/L	100
54) o-Xylene	9.548	106	3360	0.143	ug/L	91
60) Isopropylbenzene	9.934	105	2856m	0.051	ug/L	
62) 1,3,5-Trimethylbenzene	10.542	105	2381	0.054	ug/L	90
63) 1,2,4-Trimethylbenzene	10.918	105	9451	0.218	ug/L	99

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



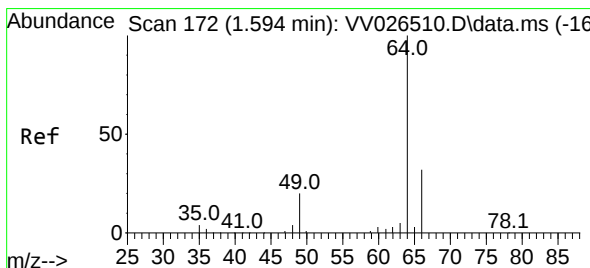
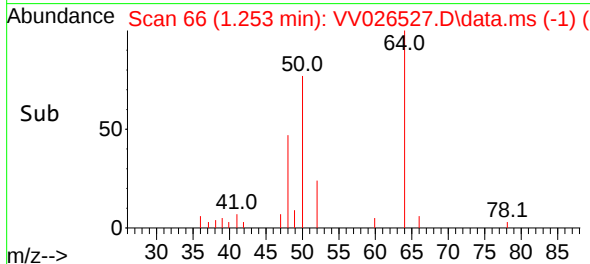
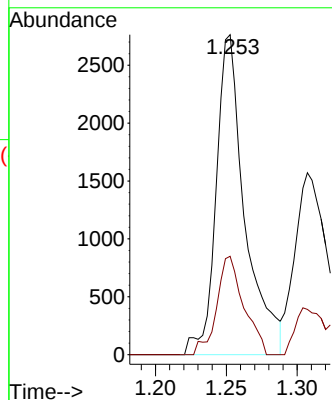
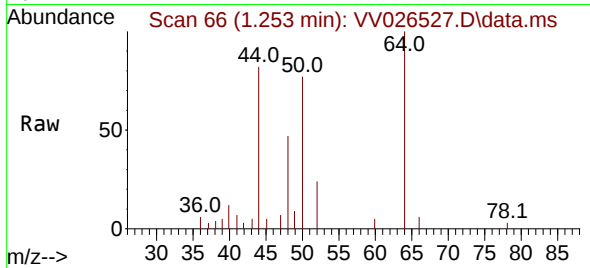
#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 30.8 23.0 42.6

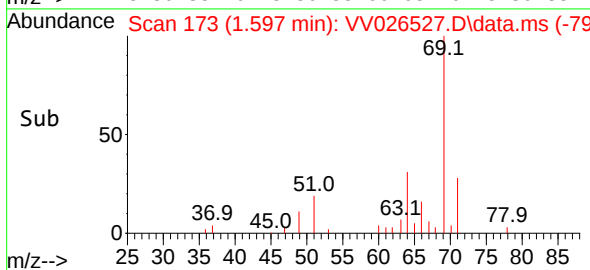
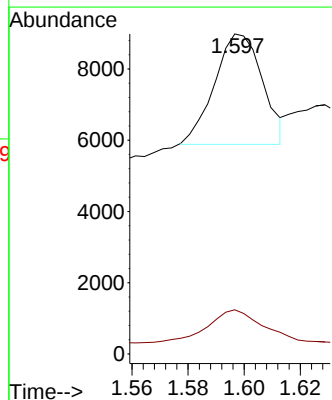
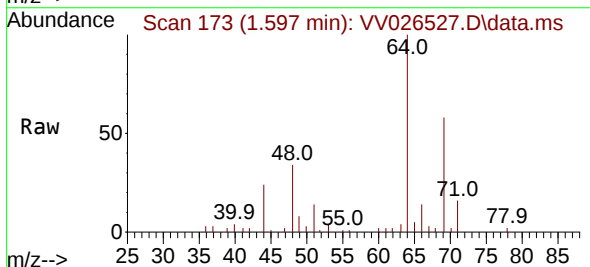
Manual Integrations
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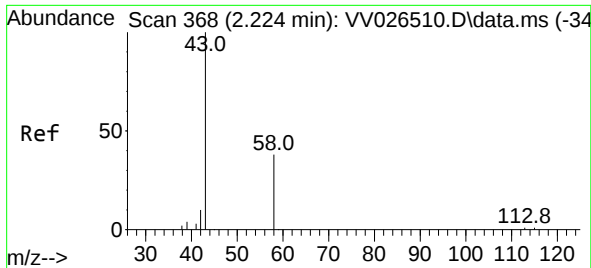
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Chloroethane
Concen: 0.279 ug/L m
RT: 1.597 min Scan# 173
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

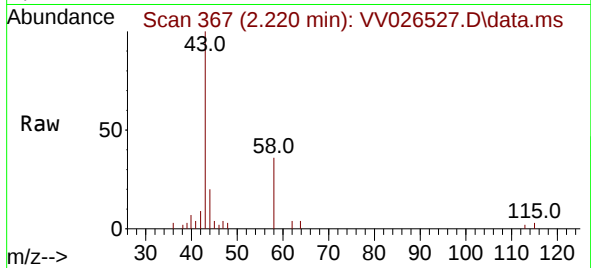
Tgt Ion: 64 Resp: 3692
Ion Ratio Lower Upper
64 100
66 13.8 20.0 37.2#





#13
Acetone
Concen: 23.190 ug/L
RT: 2.220 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

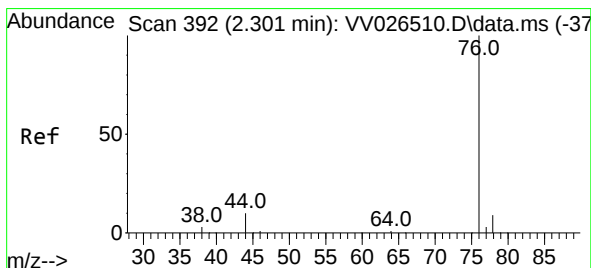
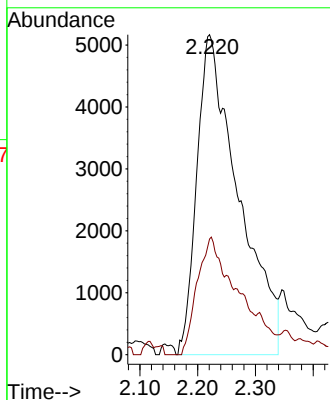
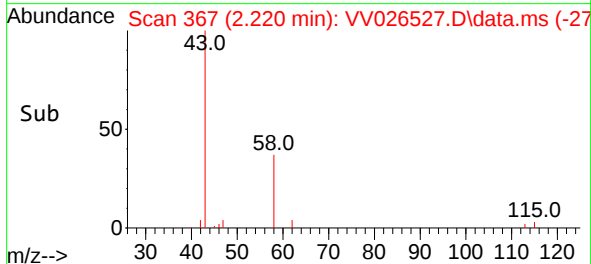
Instrument :
MSVOA_V
ClientSampleId :
C0AD9



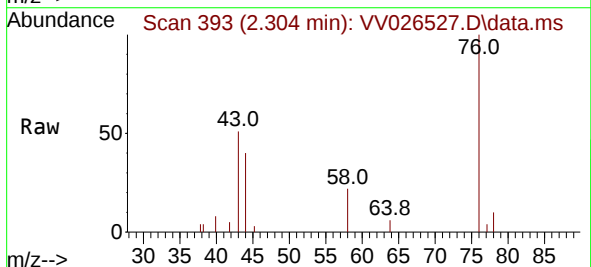
Tgt Ion: 43 Resp: 25829
Ion Ratio Lower Upper
43 100
58 33.0 0.0 75.0

Manual Integrations
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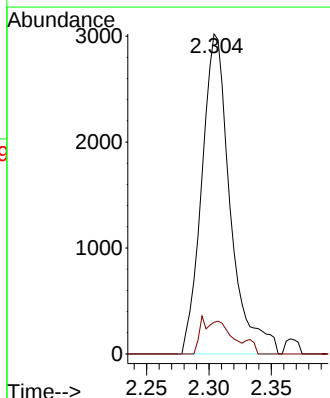
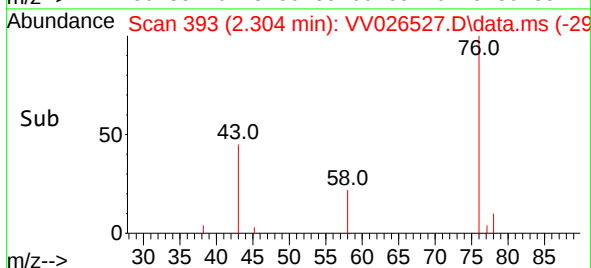
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

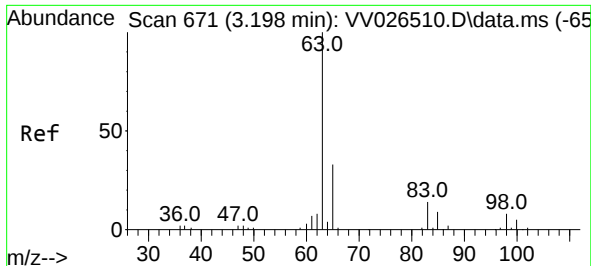


#14
Carbon disulfide
Concen: 0.122 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19



Tgt Ion: 76 Resp: 4790
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.6





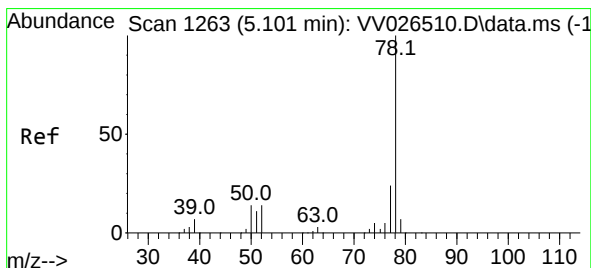
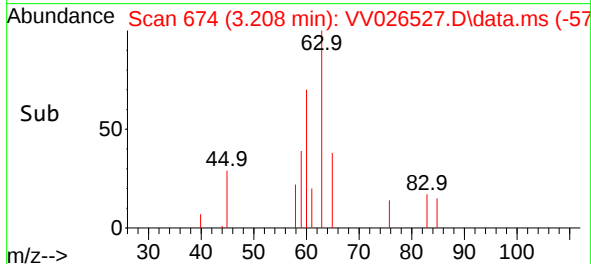
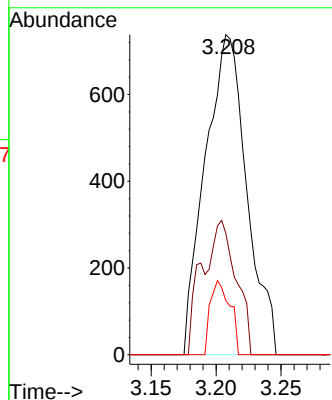
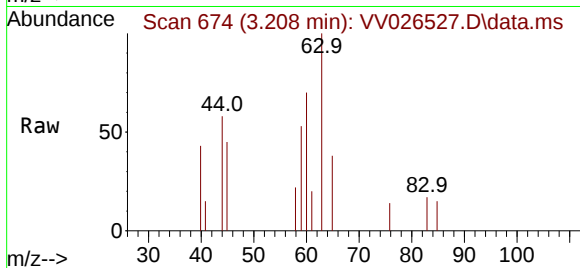
#19
1,1-Dichloroethane
Concen: 0.060 ug/L
RT: 3.208 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion: 63 Resp: 164
Ion Ratio Lower Upper
63 100
65 37.9 23.0 42.6
83 16.9 10.2 19.0

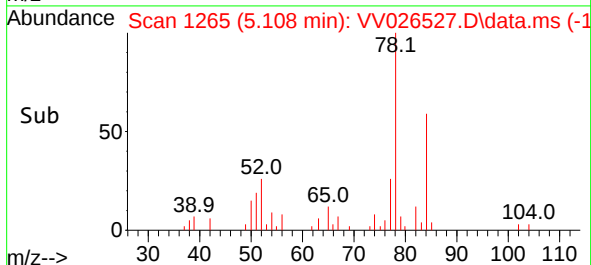
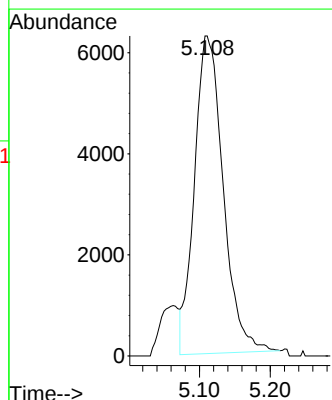
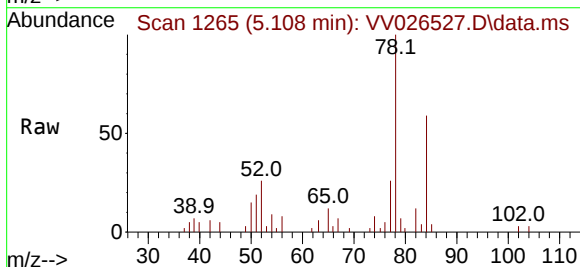
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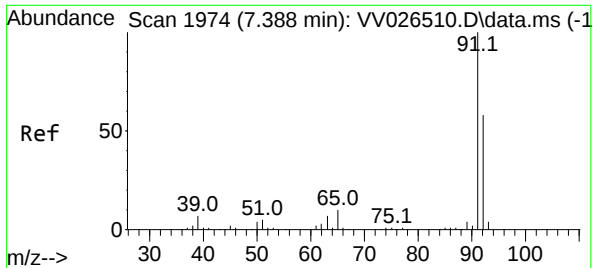
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#33
Benzene
Concen: 0.295 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

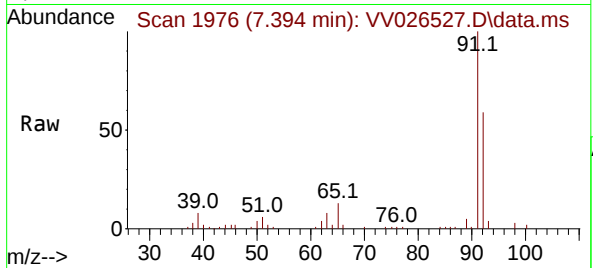
Tgt Ion: 78 Resp: 17687





#42
Toluene
Concen: 0.821 ug/L
RT: 7.394 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

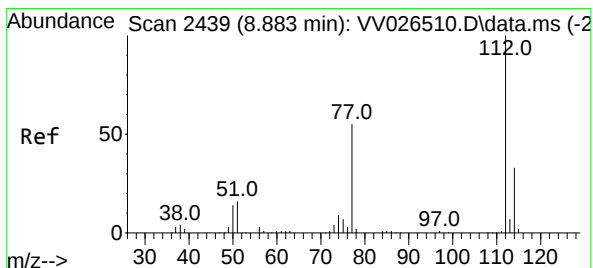
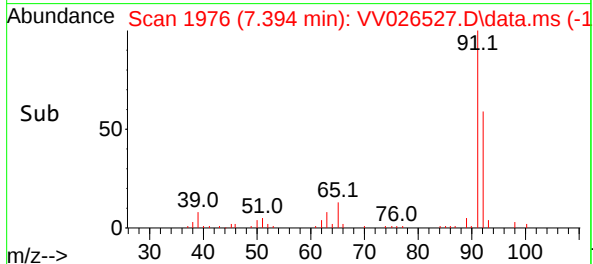
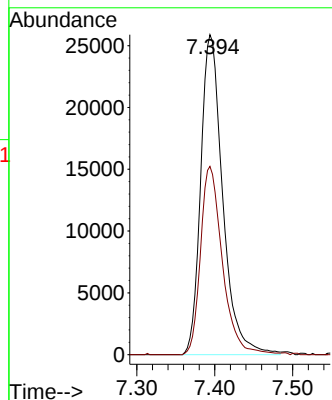
Instrument :
MSVOA_V
ClientSampleId :
C0AD9



Tgt Ion: 91 Resp: 5076
Ion Ratio Lower Upper
91 100
92 58.8 40.3 74.9

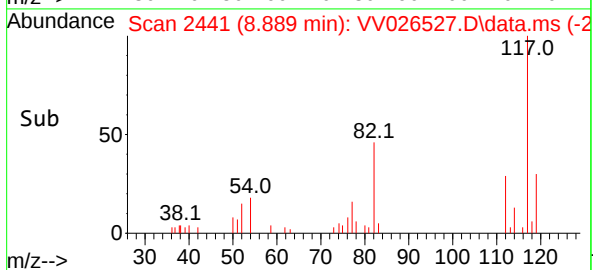
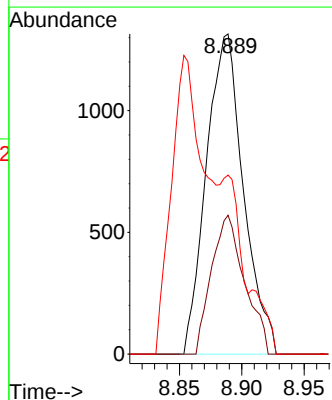
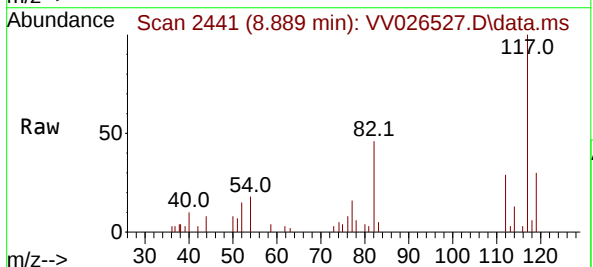
Manual Integrations
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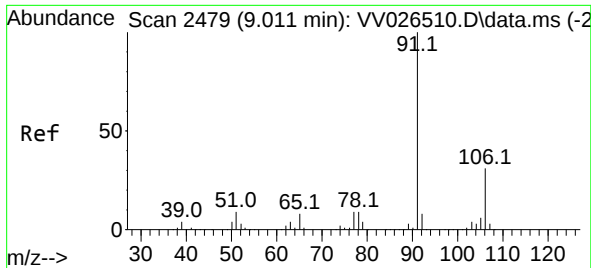
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#51
Chlorobenzene
Concen: 0.067 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:112 Resp: 2725
Ion Ratio Lower Upper
112 100
114 43.3 22.3 41.5#
77 55.9 44.4 66.6





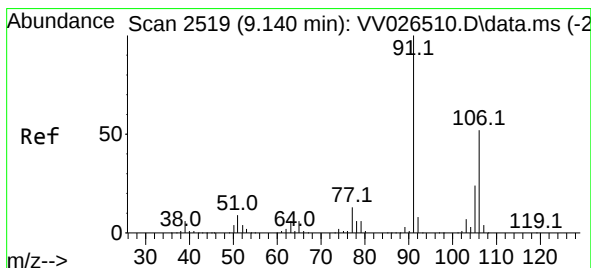
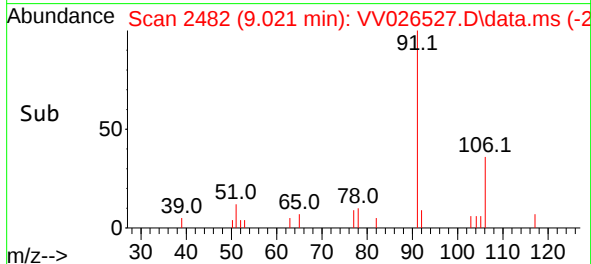
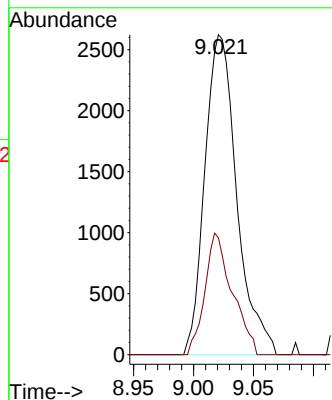
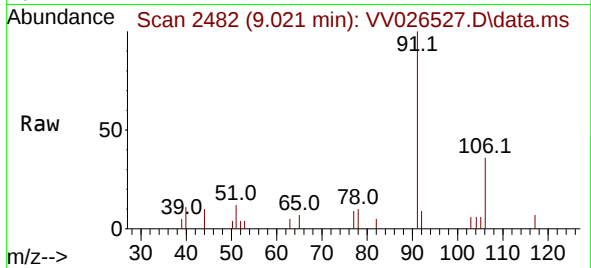
#52
Ethylbenzene
Concen: 0.076 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion: 91 Resp: 485
Ion Ratio Lower Upper
91 100
106 36.5 22.1 41.1

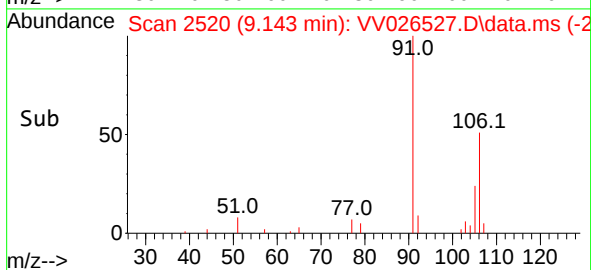
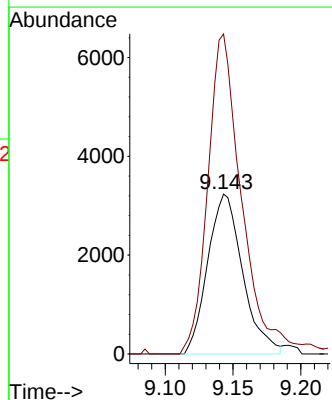
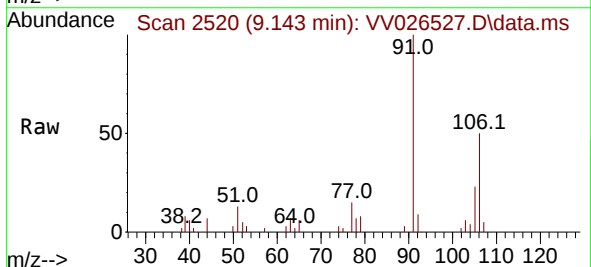
Manual Integrations
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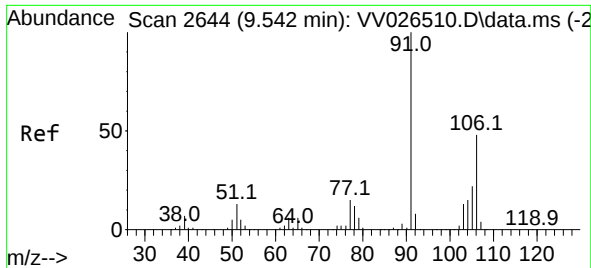
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#53
m,p-Xylene
Concen: 0.233 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:106 Resp: 5814
Ion Ratio Lower Upper
106 100
91 200.2 139.9 259.9





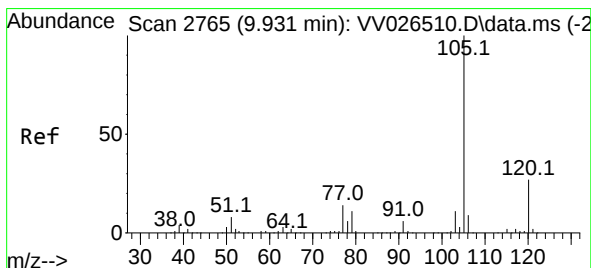
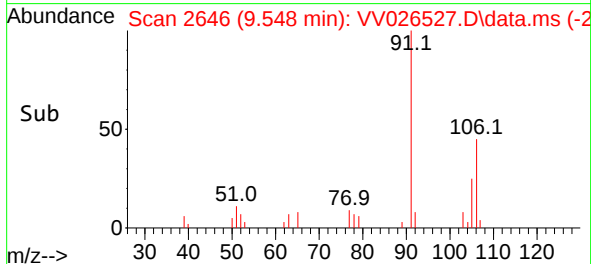
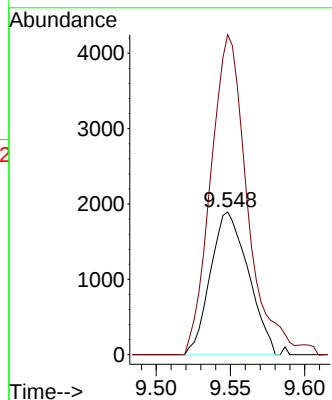
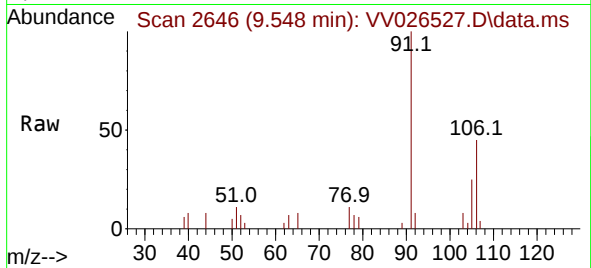
#54
o-Xylene
Concen: 0.143 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion:106 Resp: 3360
Ion Ratio Lower Upper
106 100
91 224.2 147.5 273.9

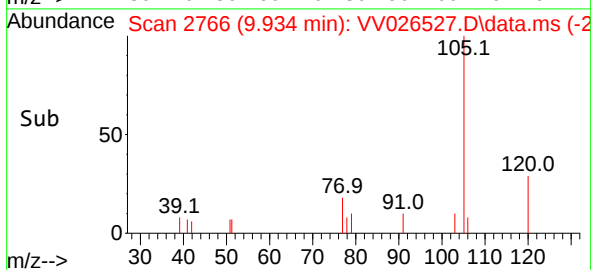
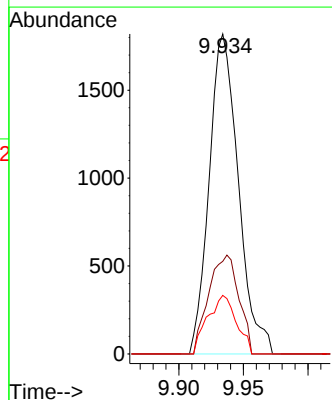
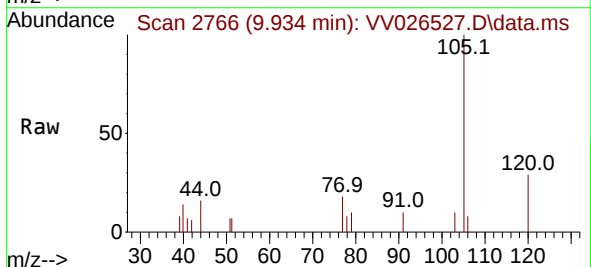
Manual Integrations
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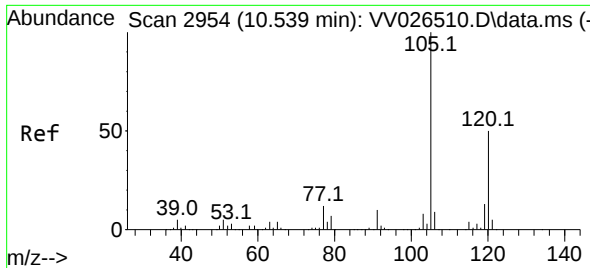
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Isopropylbenzene
Concen: 0.051 ug/L m
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:105 Resp: 2856
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.2#
77 0.0 11.6 17.4#





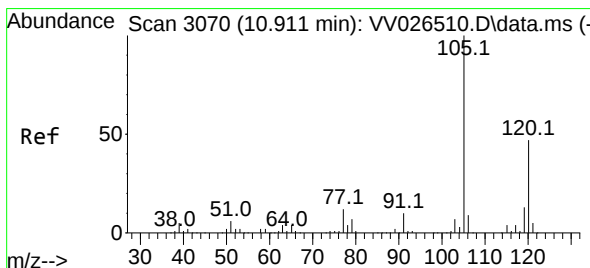
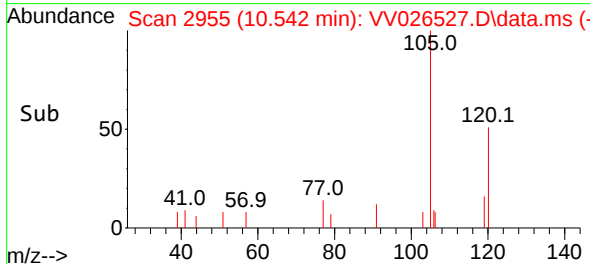
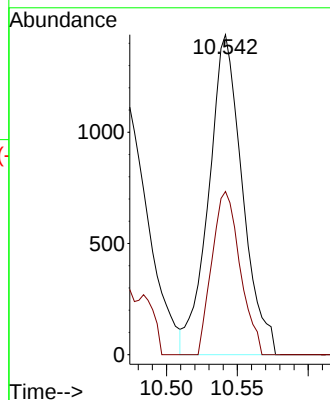
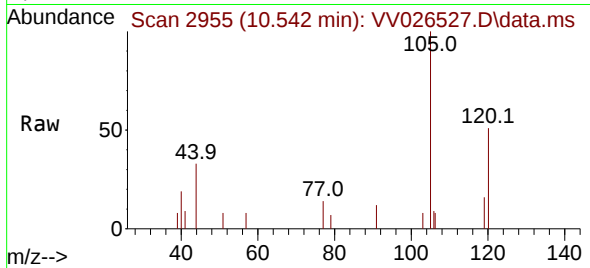
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1,3,5-Trimethylbenzene
Concen: 0.054 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Instrument :
MSVOA_V
ClientSampleId :
C0AD9

Tgt Ion:105 Resp: 238
Ion Ratio Lower Upper
105 100
120 42.5 39.6 59.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.218 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026527.D
Acq: 23 Jun 2022 20:19

Tgt Ion:105 Resp: 9451
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.2

