

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026531.D
 Acq On : 23 Jun 2022 21:55
 Operator : SY/MD
 Sample : N3400-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:06:23 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	141732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	41770	3.665	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.577	69	41642	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.117	63	55743	2.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.928	46	84158	74.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.520%#
24) Chloroform-d	4.358	84	100830	5.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.040	65	44566	6.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.200%
32) Benzene-d6	5.059	84	182568	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.075	67	60279	6.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.200%
41) Toluene-d8	7.320	98	129236	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.632	79	9806	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	76583	78.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	156.280%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43954	6.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	55719	5.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
12) 1,1-Dichloroethene	2.127	96	1987	0.208	ug/L #	1
14) Carbon disulfide	2.304	76	14162	0.561	ug/L	98
16) Methylene chloride	2.519	84	3754	0.369	ug/L	95
18) trans-1,2-Dichloroethene	2.777	96	4312	0.442	ug/L	99
19) 1,1-Dichloroethane	3.204	63	14664	0.836	ug/L	98
22) cis-1,2-Dichloroethene	3.931	96	13812	1.424	ug/L	98
27) 1,2-Dichloroethane	5.140	62	21267	2.547	ug/L	98
30) Cyclohexane	4.686	56	38755	3.156	ug/L	99
33) Benzene	5.104	78	1746144	47.450	ug/L	100
35) Methylcyclohexane	6.133	83	49906	3.487	ug/L	95
42) Toluene	7.397	91	20673	0.544	ug/L	95
51) Chlorobenzene	8.889	112	2016	0.081	ug/L	93
52) Ethylbenzene	9.011	91	15184796	386.488	ug/L	84
53) m,p-Xylene	9.146	106	11534872m	752.595	ug/L	
54) o-Xylene	9.548	106	5351	0.372	ug/L	98
60) Isopropylbenzene	9.931	105	144065m	3.807	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	189502	6.335	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	734917	24.914	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026531.D
Acq On : 23 Jun 2022 21:55
Operator : SY/MD
Sample : N3400-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Manual Integrations
APPROVED

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

Quant Time: Jun 24 02:06:23 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)
----------	------	------	----------	------	-------	----------

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

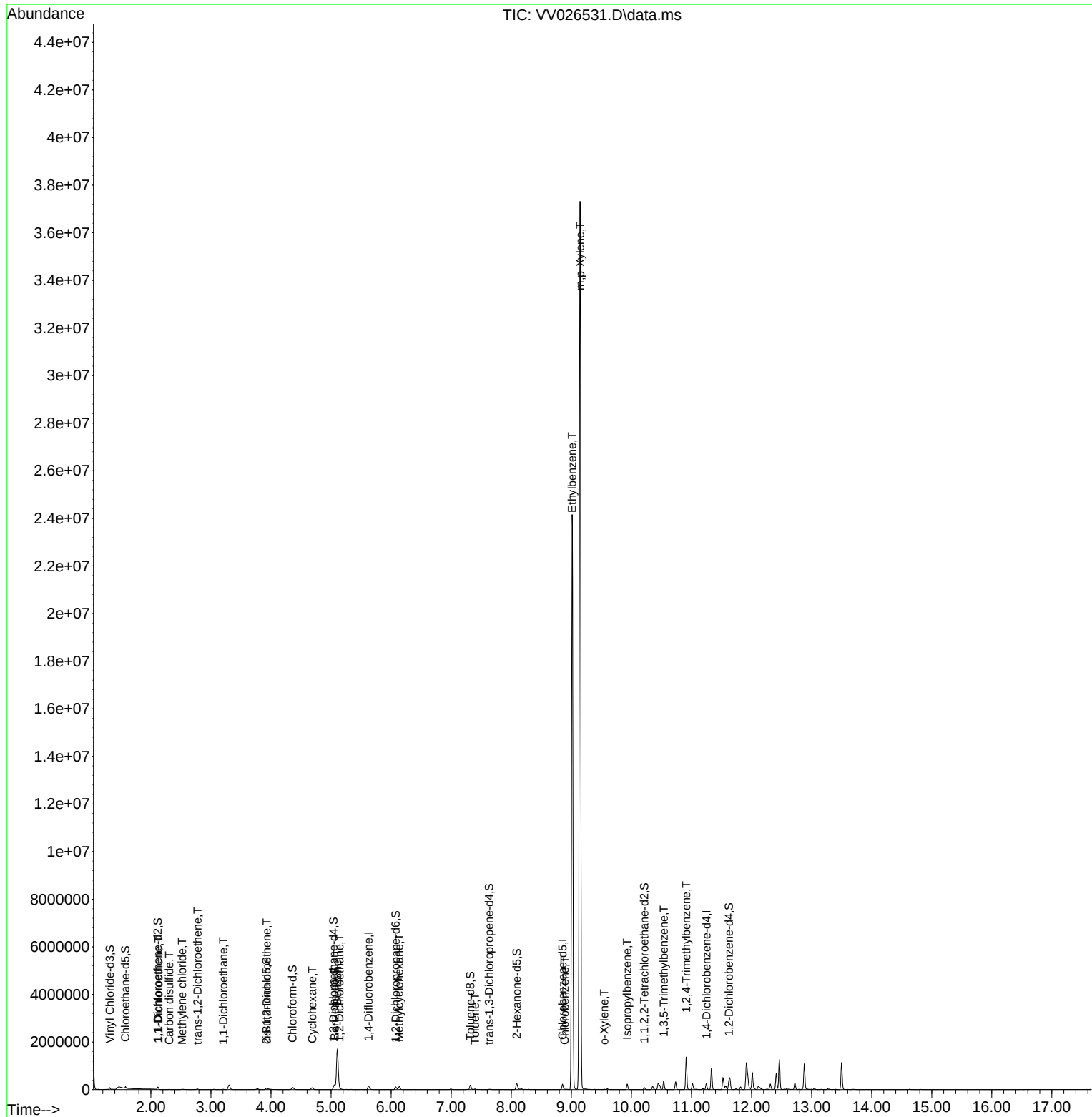
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026531.D
Acq On : 23 Jun 2022 21:55
Operator : SY/MD
Sample : N3400-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

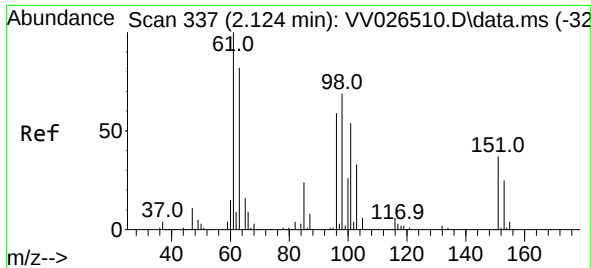
Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Manual Integrations
APPROVED

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

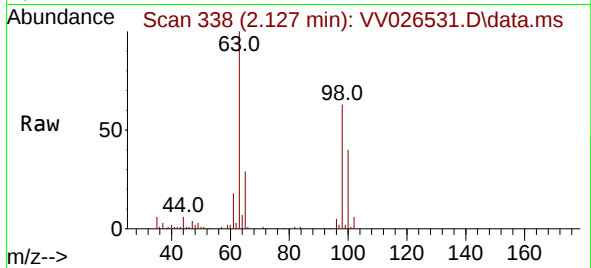
Quant Time: Jun 24 02:06:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 0.208 ug/L
RT: 2.127 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

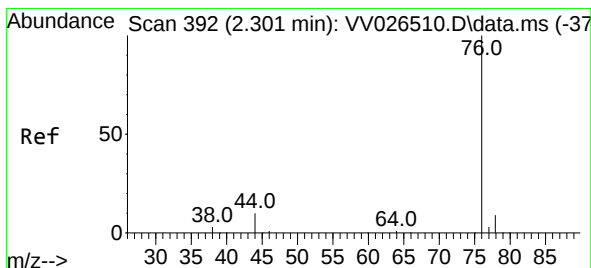
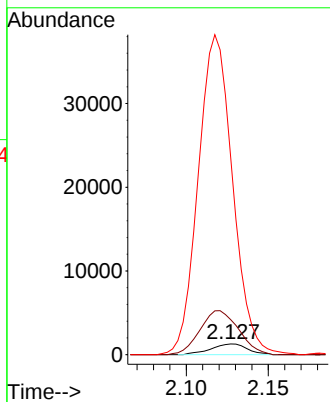
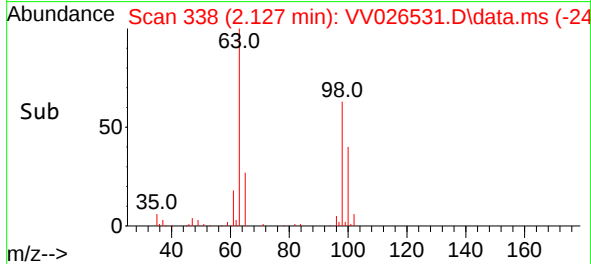
Instrument :
MSVOA_V
ClientSampleId :
C0AE7



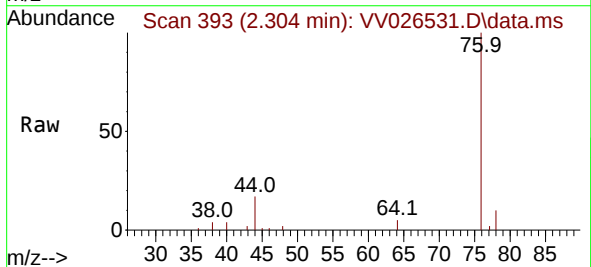
Tgt Ion: 96 Resp: 198
Ion Ratio Lower Upper
96 100
61 326.0 115.4 214.4
63 1836.1 87.4 162.2

Manual Integrations
APPROVED

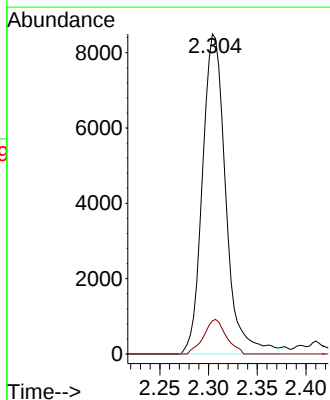
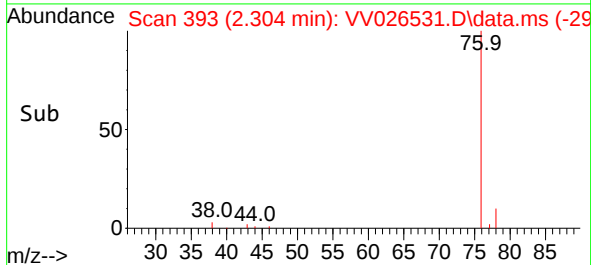
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

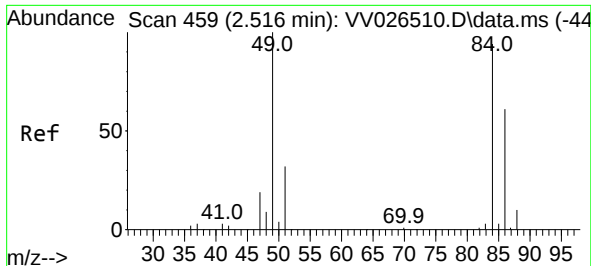


#14
Carbon disulfide
Concen: 0.561 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55



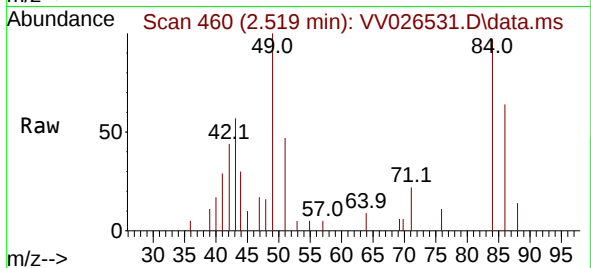
Tgt Ion: 76 Resp: 14162
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6





#16
Methylene chloride
Concen: 0.369 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

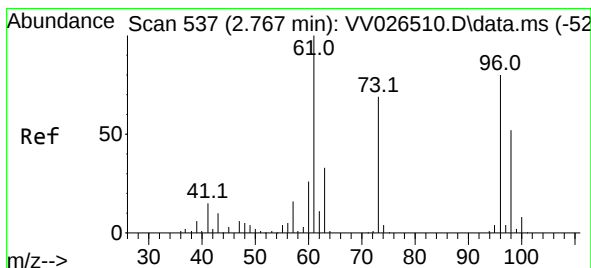
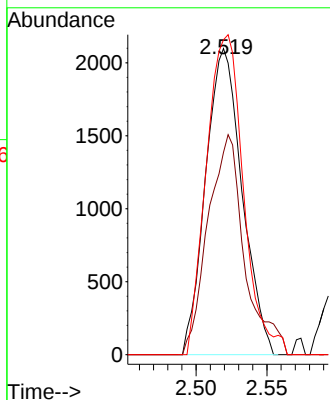
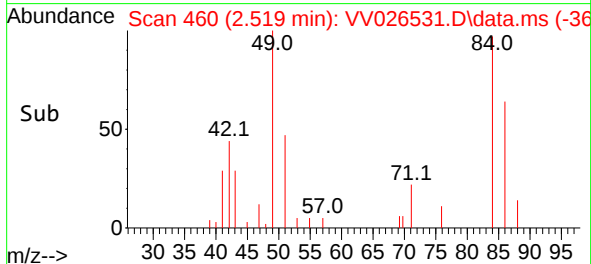
Instrument :
MSVOA_V
ClientSampleId :
C0AE7



Tgt Ion: 84 Resp: 3754
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 102.9 77.7 144.3

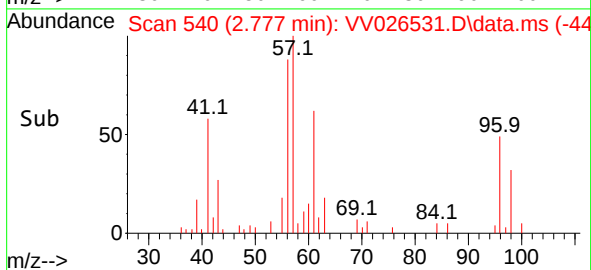
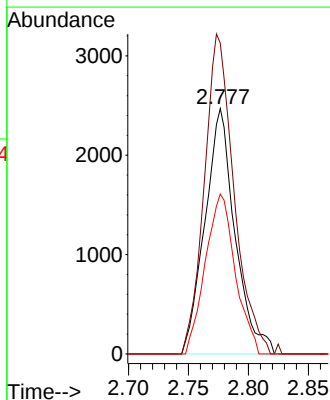
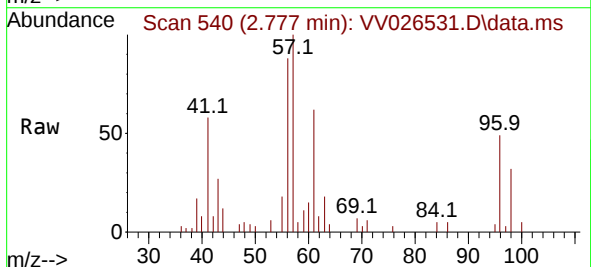
Manual Integrations
APPROVED

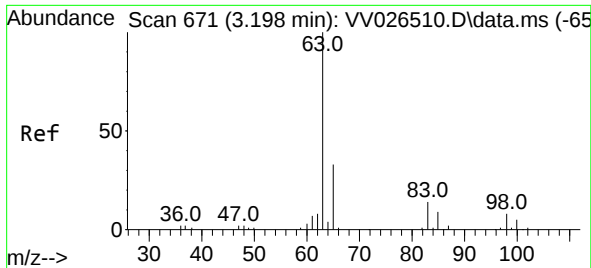
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
trans-1,2-Dichloroethene
Concen: 0.442 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.009 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Tgt Ion: 96 Resp: 4312
Ion Ratio Lower Upper
96 100
61 126.7 90.4 167.8
98 65.1 45.6 84.8





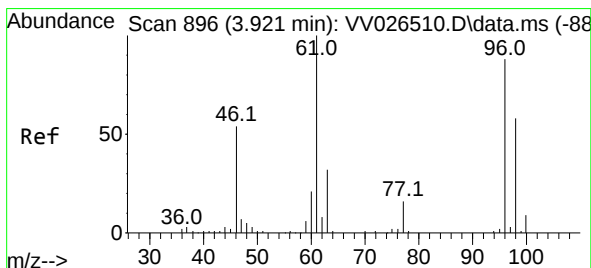
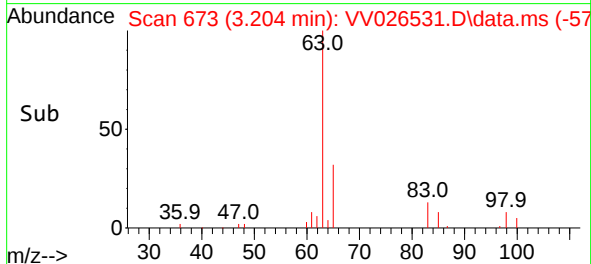
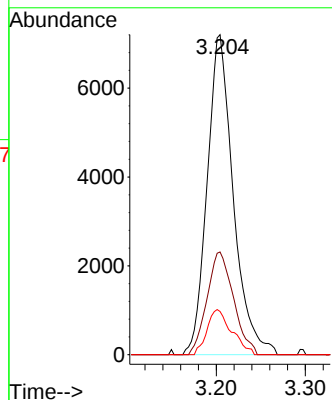
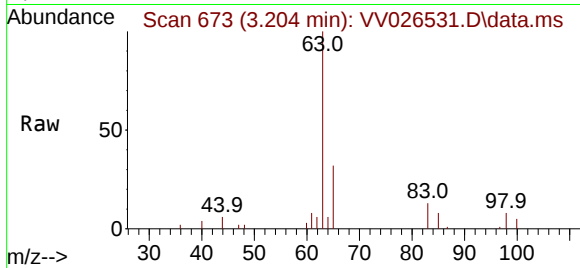
#19
1,1-Dichloroethane
Concen: 0.836 ug/L
RT: 3.204 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion: 63 Resp: 14664
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 13.5 10.2 19.0

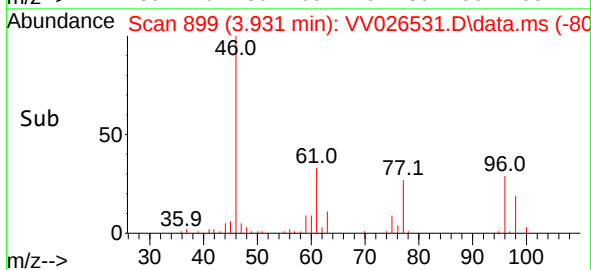
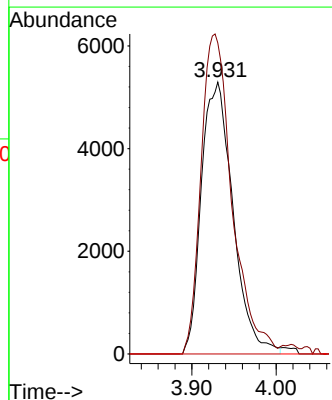
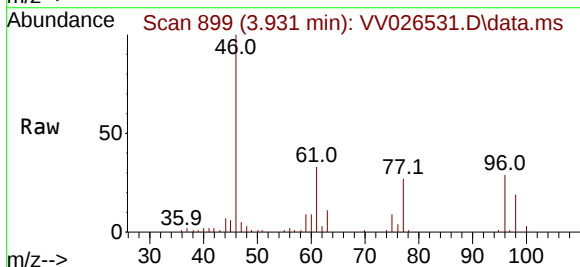
Manual Integrations
APPROVED

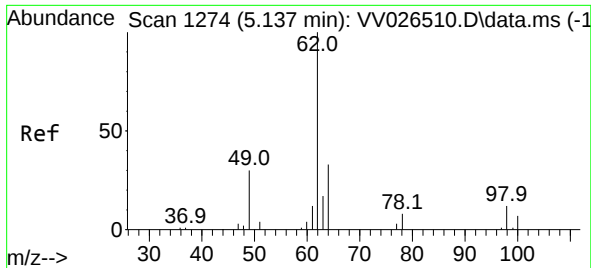
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 1.424 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.009 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Tgt Ion: 96 Resp: 13812
Ion Ratio Lower Upper
96 100
61 114.4 82.0 152.2
68 0.0 0.0 0.0





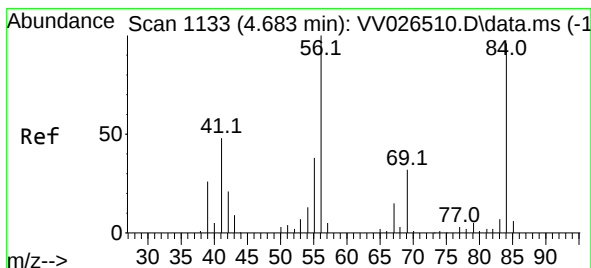
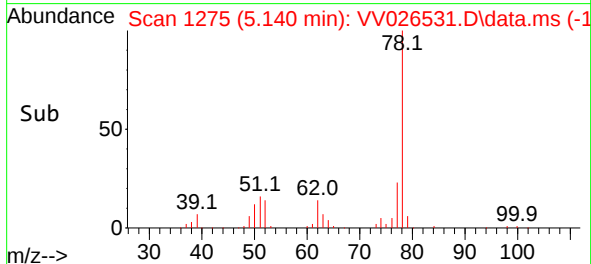
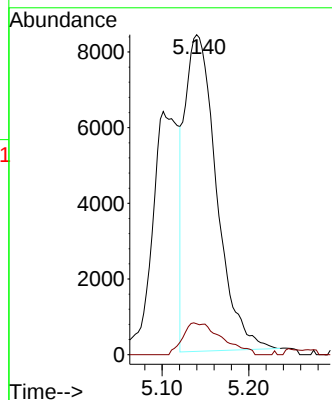
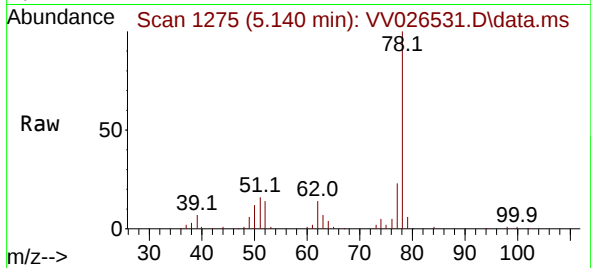
#27
1,2-Dichloroethane
Concen: 2.547 ug/L
RT: 5.140 min Scan# 1126
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion: 62 Resp: 2126
Ion Ratio Lower Upper
62 100
98 9.6 8.4 12.6

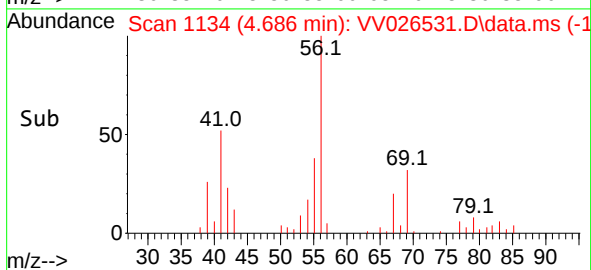
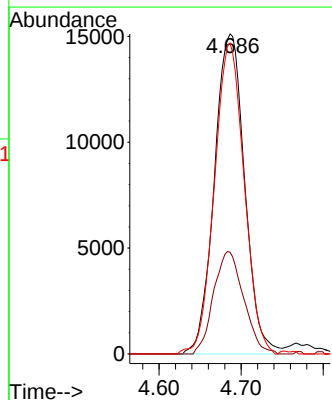
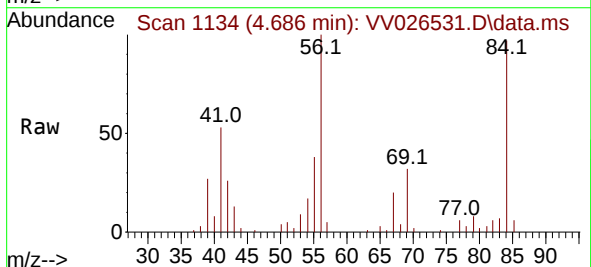
Manual Integrations
APPROVED

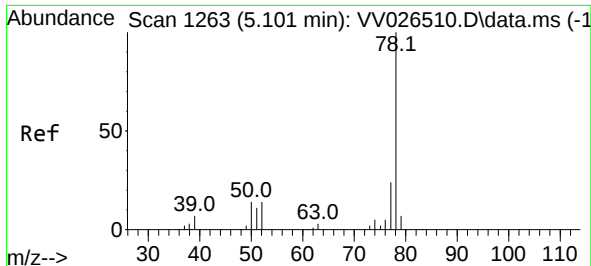
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
Cyclohexane
Concen: 3.156 ug/L
RT: 4.686 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Tgt Ion: 56 Resp: 38755
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 95.3 77.8 116.6





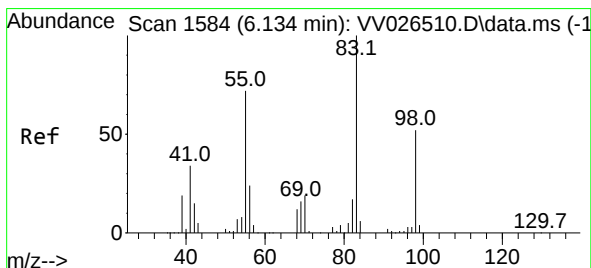
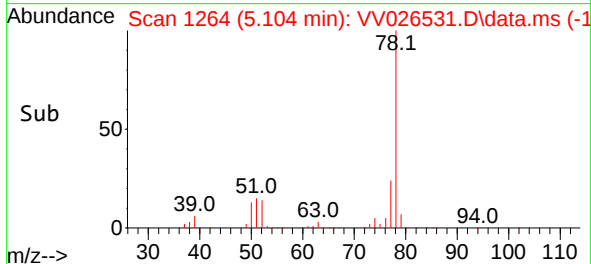
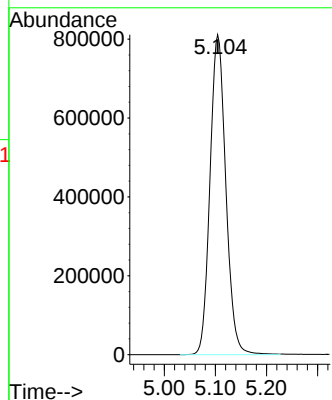
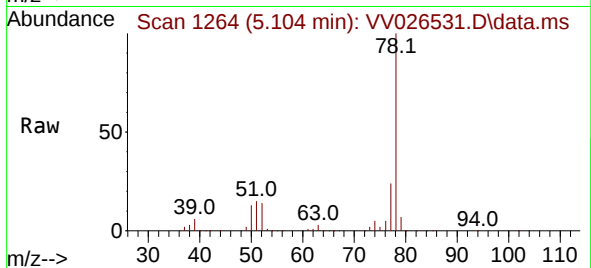
#33
Benzene
Concen: 47.450 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion: 78 Resp: 174614

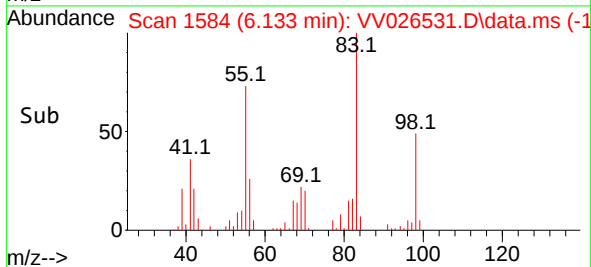
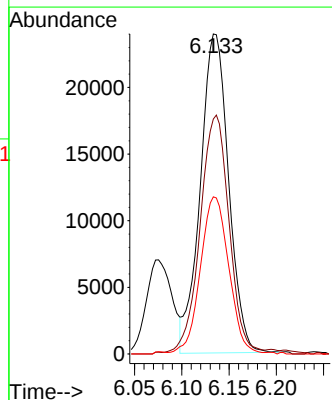
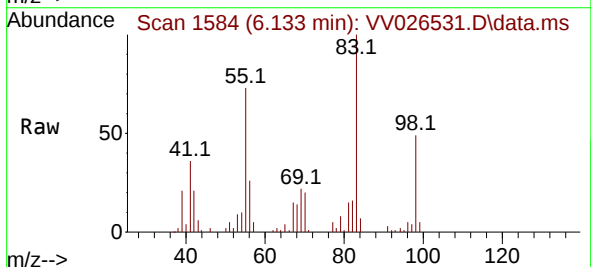
Manual Integrations
APPROVED

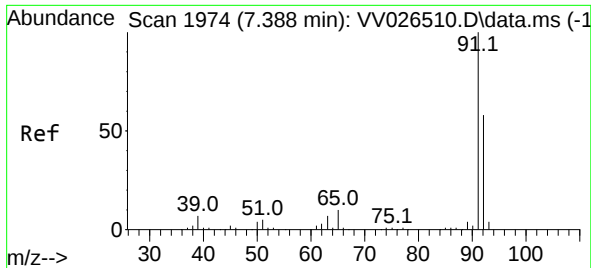
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#35
Methylcyclohexane
Concen: 3.487 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

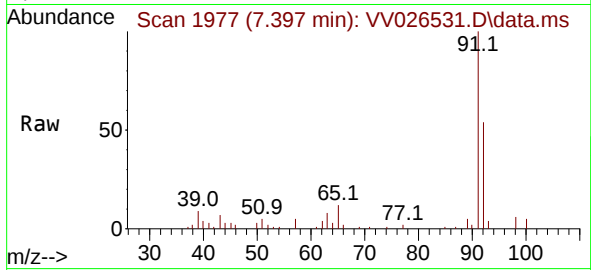
Tgt Ion: 83 Resp: 49906
Ion Ratio Lower Upper
83 100
55 77.0 57.0 85.4
98 48.2 39.8 59.8





#42
Toluene
Concen: 0.544 ug/L
RT: 7.397 min Scan# 1974
Delta R.T. 0.009 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

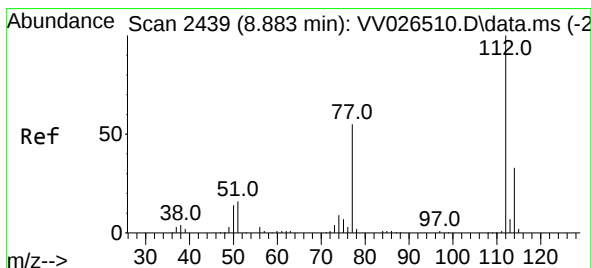
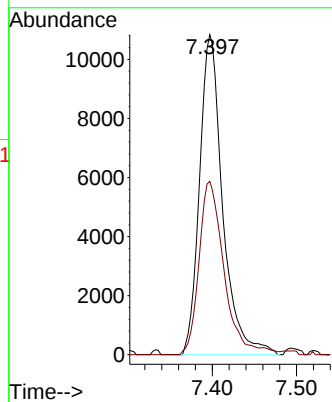
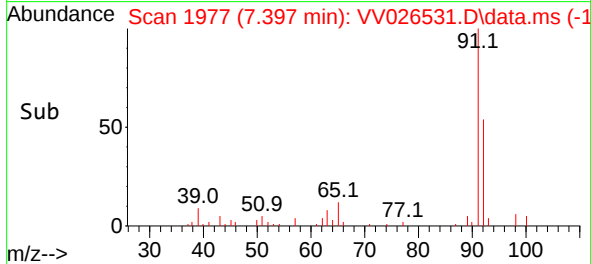
Instrument :
MSVOA_V
ClientSampleId :
C0AE7



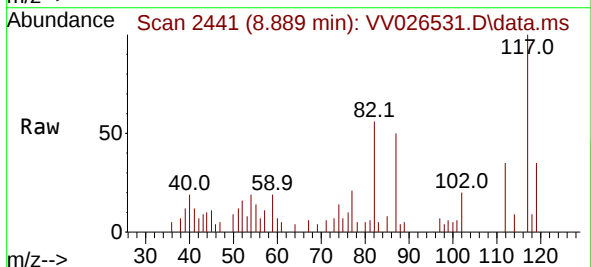
Tgt Ion: 91 Resp: 2067
Ion Ratio Lower Upper
91 100
92 54.2 40.3 74.9

Manual Integrations
APPROVED

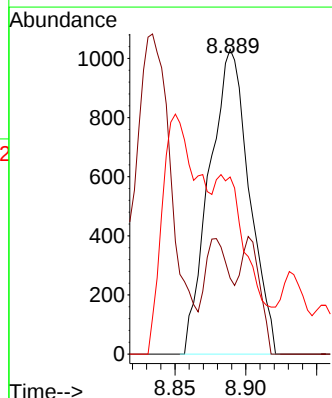
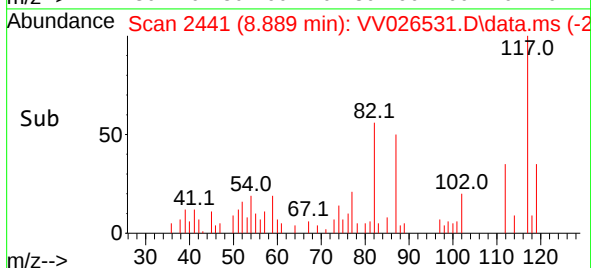
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

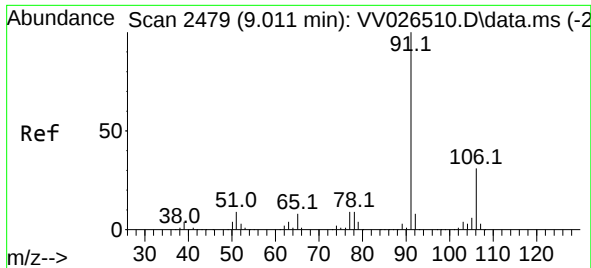


#51
Chlorobenzene
Concen: 0.081 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.006 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55



Tgt Ion:112 Resp: 2016
Ion Ratio Lower Upper
112 100
114 24.9 22.3 41.5
77 58.1 44.4 66.6





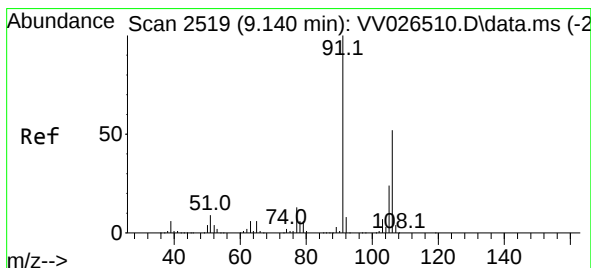
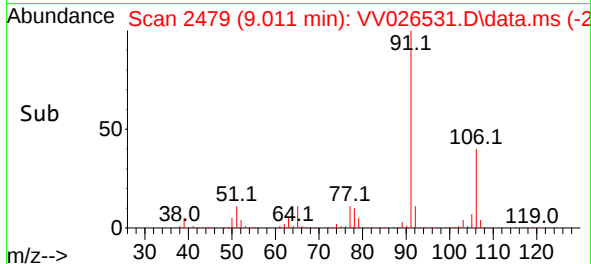
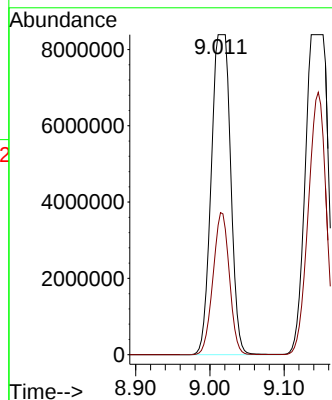
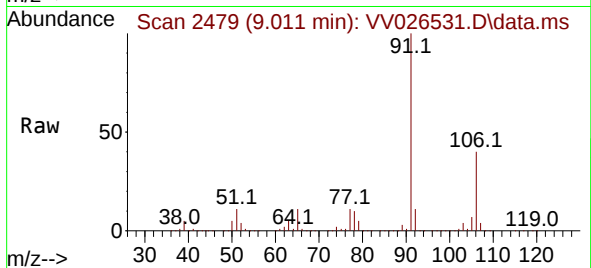
#52
Ethylbenzene
Concen: 386.488 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion: 91 Resp:15184790
Ion Ratio Lower Upper
91 100
106 40.5 22.1 41.1

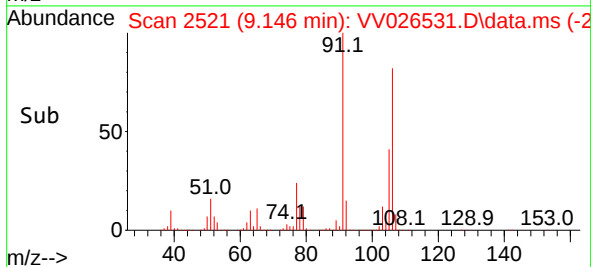
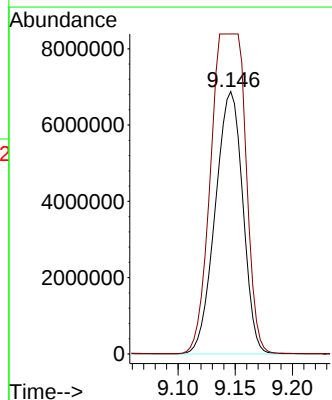
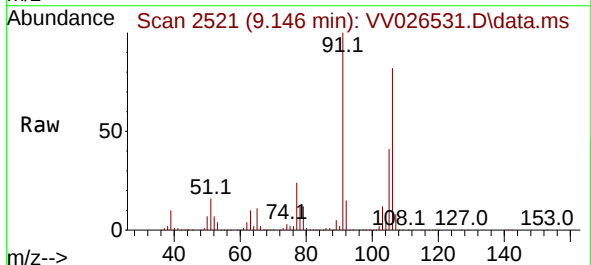
Manual Integrations
APPROVED

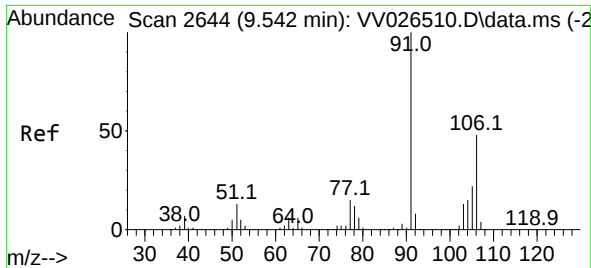
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#53
m,p-Xylene
Concen: 752.595 ug/L m
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Tgt Ion:106 Resp:11534872
Ion Ratio Lower Upper
106 100
91 121.9 139.9 259.9#





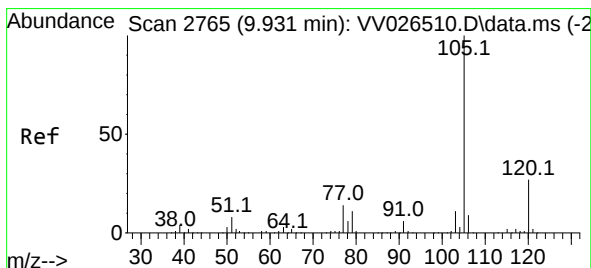
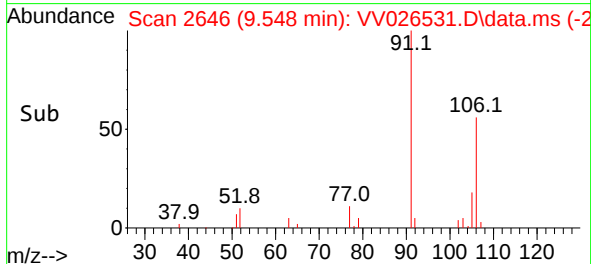
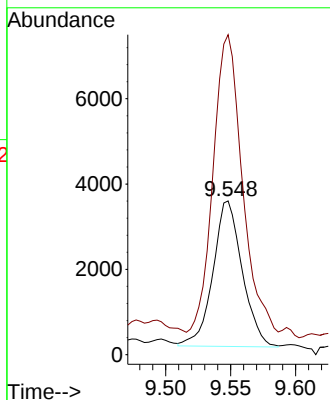
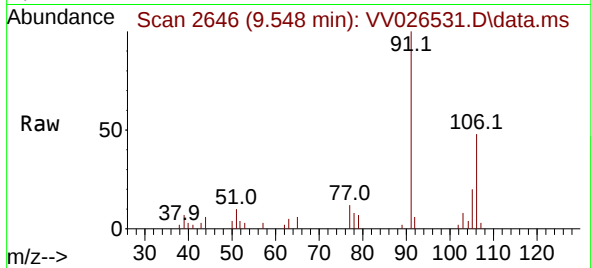
#54
o-Xylene
Concen: 0.372 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

Instrument :
MSVOA_V
ClientSampleId :
C0AE7

Tgt Ion:106 Resp: 535
Ion Ratio Lower Upper
106 100
91 208.2 147.5 273.9

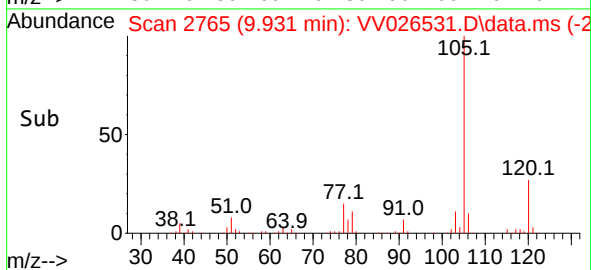
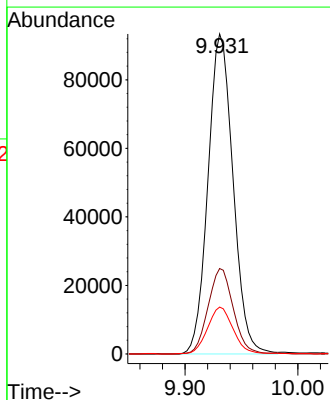
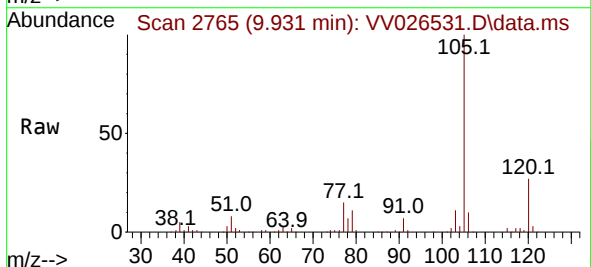
Manual Integrations
APPROVED

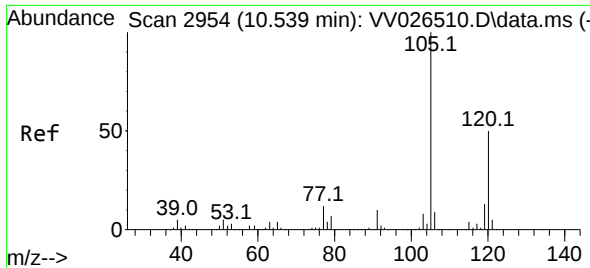
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Isopropylbenzene
Concen: 3.807 ug/L m
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

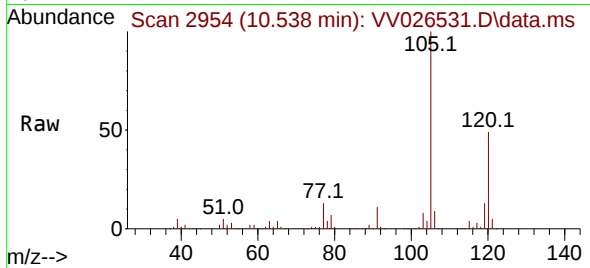
Tgt Ion:105 Resp: 144065
Ion Ratio Lower Upper
105 100
120 56.8 21.4 32.2#
77 0.0 11.6 17.4#





#62
1,3,5-Trimethylbenzene
Concen: 6.335 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55

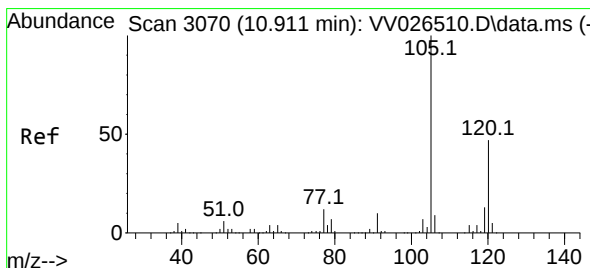
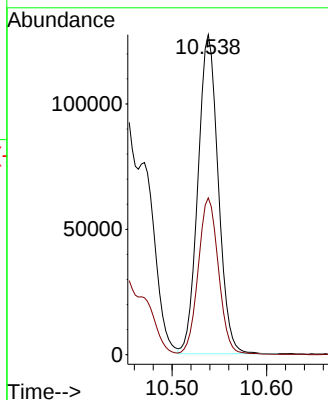
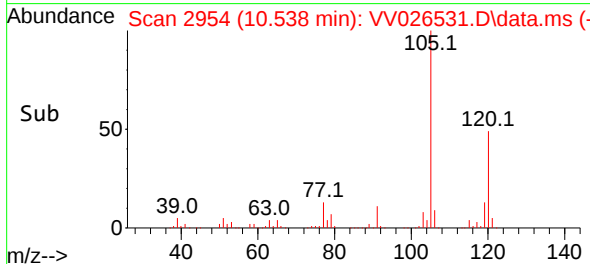
Instrument :
MSVOA_V
ClientSampleId :
C0AE7



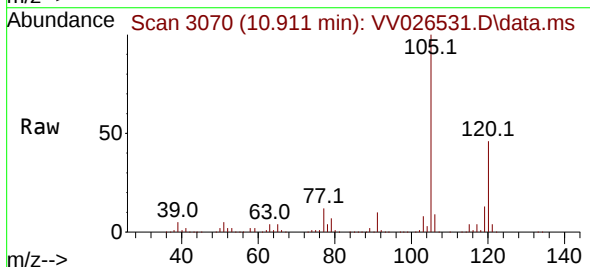
Tgt Ion:105 Resp: 189502
Ion Ratio Lower Upper
105 100
120 49.3 39.6 59.4

Manual Integrations
APPROVED

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



#63
1,2,4-Trimethylbenzene
Concen: 24.914 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV026531.D
Acq: 23 Jun 2022 21:55



Tgt Ion:105 Resp: 734917
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.2

