

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026186.D
 Acq On : 13 Jun 2022 01:29
 Operator : SY/MD
 Sample : N3278-10 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

Quant Time: Jun 13 06:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	181137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	40051	1.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.800%#
7) Chloroethane-d5	1.584	69	50155	2.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.400%#
11) 1,1-Dichloroethene-d2	2.124	63	67272	1.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.200%#
20) 2-Butanone-d5	3.915	46	76880	40.835	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.680%
24) Chloroform-d	4.362	84	110627	3.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.800%#
26) 1,2-Dichloroethane-d4	5.043	65	47041	3.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
32) Benzene-d6	5.063	84	197554	2.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	56.000%#
36) 1,2-Dichloropropane-d6	6.079	67	64624	3.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.400%
41) Toluene-d8	7.320	98	148122	2.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.200%#
43) trans-1,3-Dichloroprop...	7.632	79	14380	2.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	46.800%#
46) 2-Hexanone-d5	8.091	63	88175	46.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41217	3.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	56788	3.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.800%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.770	101	502959	18.521	ug/L	98
12) 1,1-Dichloroethene	2.137	96	2026	0.137	ug/L #	1
16) Methylene chloride	2.526	84	13774	0.906	ug/L	97
18) trans-1,2-Dichloroethene	2.780	96	3451	0.244	ug/L	91
22) cis-1,2-Dichloroethene	3.931	96	30292	2.128	ug/L	95
31) Carbon tetrachloride	4.841	117	4081	0.213	ug/L	91
34) Trichloroethene	5.921	95	25398741m	1716.626	ug/L	
42) Toluene	7.394	91	138055	2.380	ug/L	99
45) 1,1,2-Trichloroethane	7.853	97	2138	0.239	ug/L	91
47) Tetrachloroethene	7.976	164	656944	61.830	ug/L	98
51) Chlorobenzene	8.882	112	4175	0.112	ug/L	89
52) Ethylbenzene	9.017	91	10971	0.191	ug/L	96
53) m,p-Xylene	9.140	106	17480	0.793	ug/L	96
54) o-Xylene	9.548	106	9597	0.451	ug/L	91
60) Isopropylbenzene	9.934	105	4338	0.084	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	10012	0.245	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	33749	0.838	ug/L	98

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

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

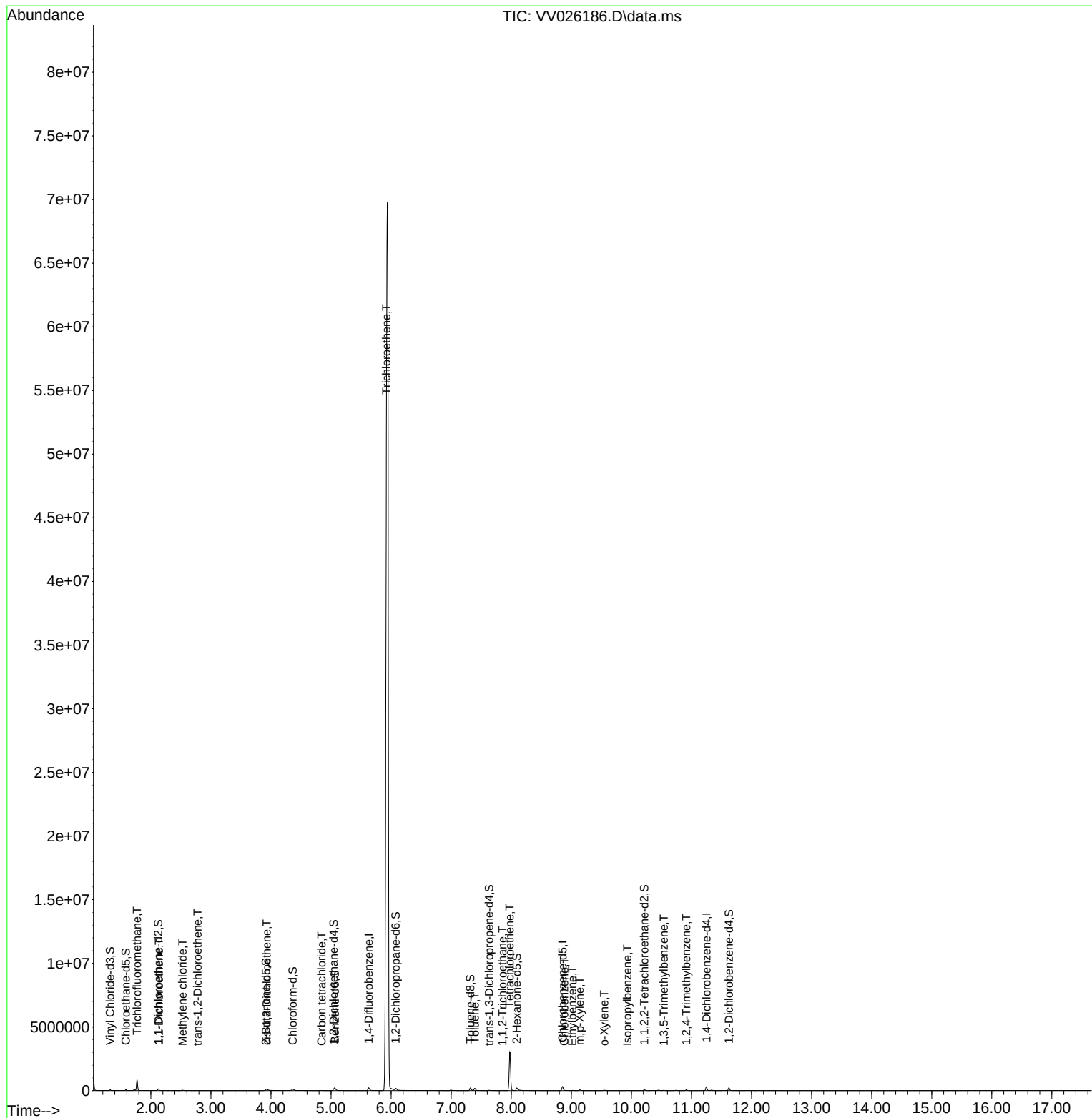
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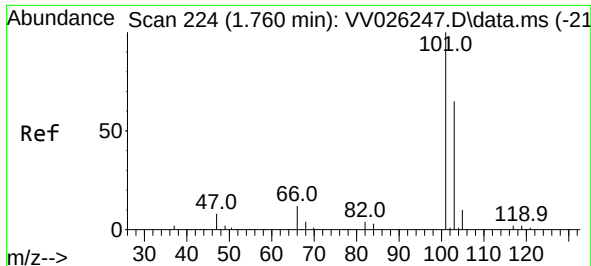
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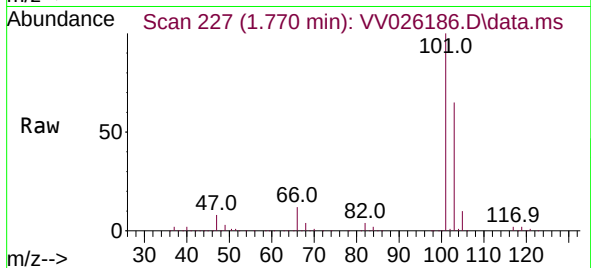
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#9
 Trichlorofluoromethane
 Concen: 18.521 ug/L
 RT: 1.770 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026186.D
 Acq: 13 Jun 2022 01:29

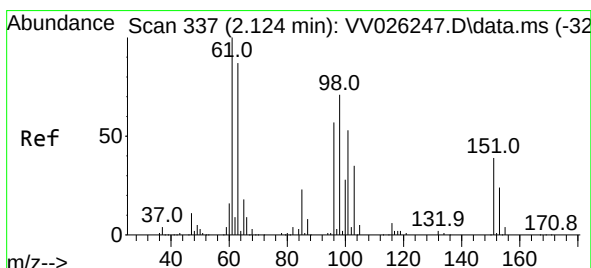
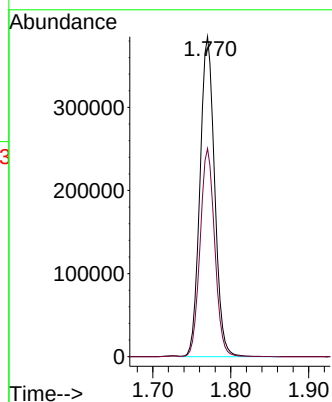
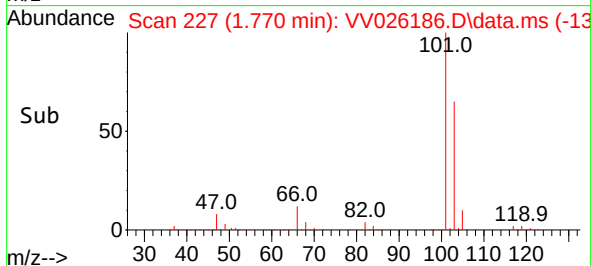
Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF1



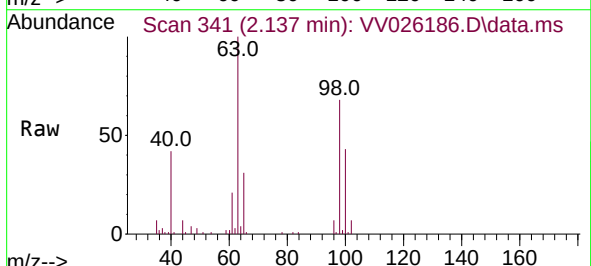
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 Ion Ratio Lower Upper
 101 100
 103 64.7 52.9 79.3

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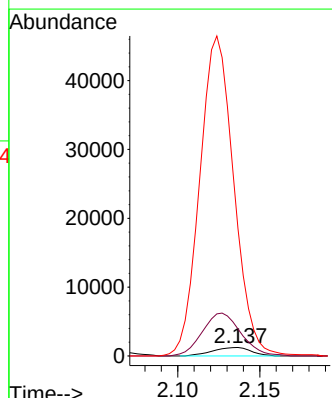
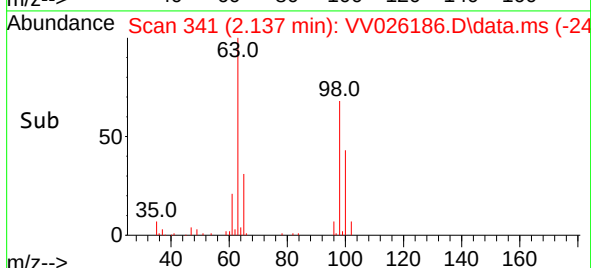
Reviewed By :Semsettin Yesilyurt 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

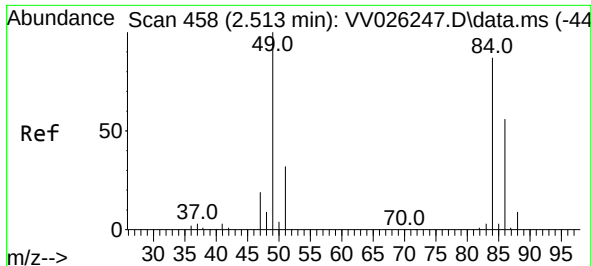


#12
 1,1-Dichloroethene
 Concen: 0.137 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.003 min
 Lab File: VV026186.D
 Acq: 13 Jun 2022 01:29



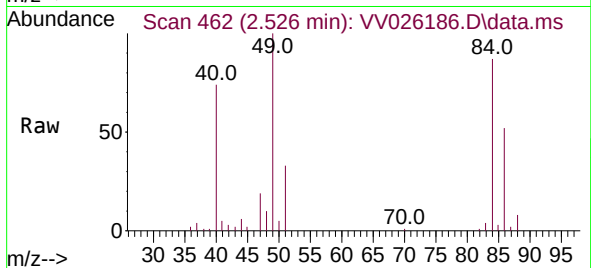
Tgt Ion: 96 Resp: 2026
 Ion Ratio Lower Upper
 96 100
 61 320.6 120.5 223.7#
 63 1510.7 129.3 240.1#





#16
Methylene chloride
Concen: 0.906 ug/L
RT: 2.526 min Scan# 40
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

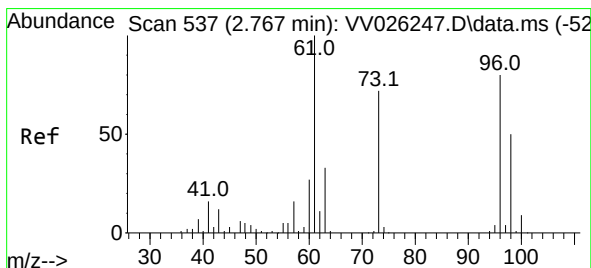
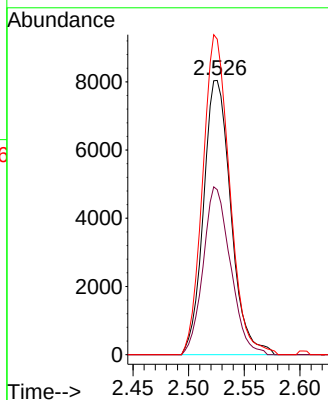
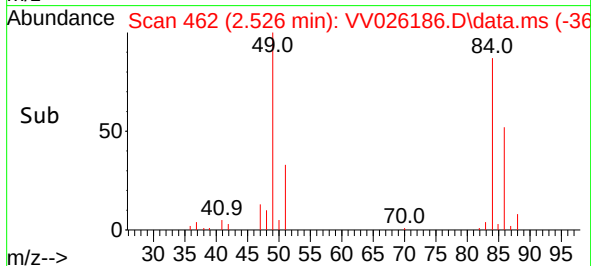
Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 13774
Ion Ratio Lower Upper
84 100
86 60.2 45.1 83.7
49 115.0 82.3 152.9

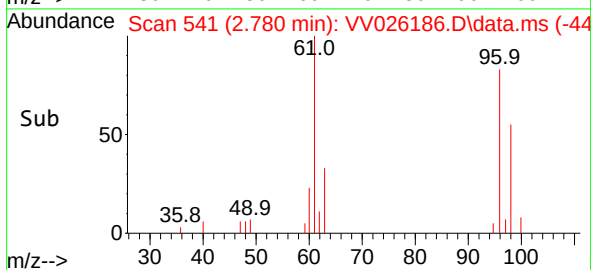
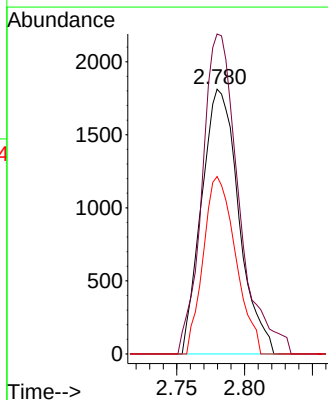
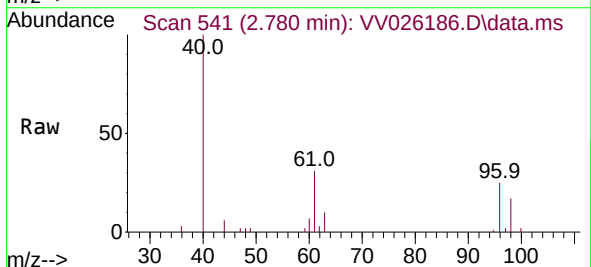
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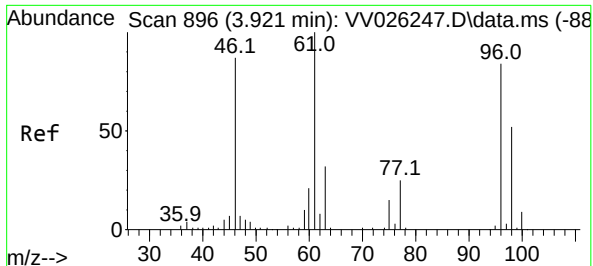
Reviewed By :Semsettin Yesilyurt 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#18
trans-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

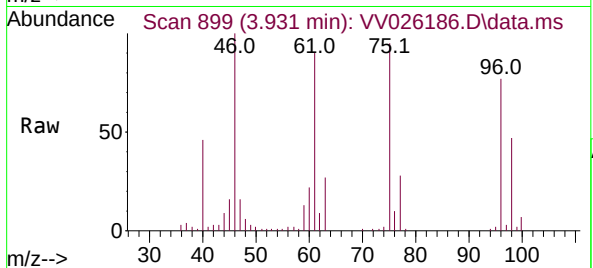
Tgt Ion: 96 Resp: 3451
Ion Ratio Lower Upper
96 100
61 120.9 93.5 173.7
98 67.0 44.7 83.1





#22
cis-1,2-Dichloroethene
Concen: 2.128 ug/L
RT: 3.931 min Scan# 896
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

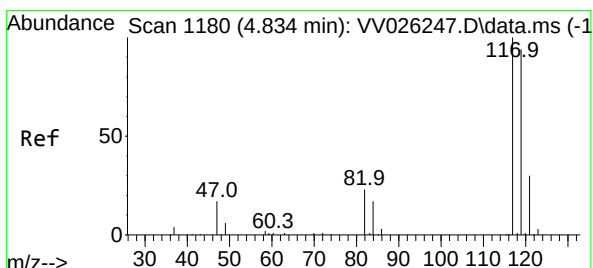
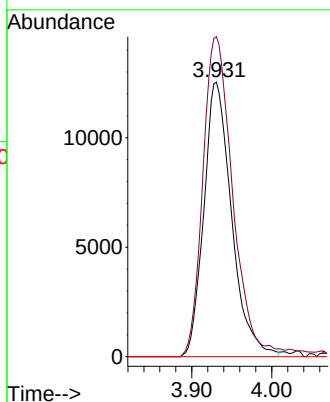
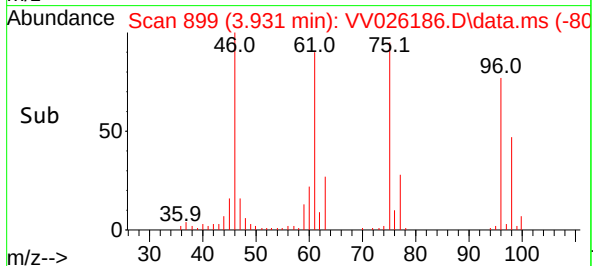
Instrument :
MSVOA_V
ClientSampleId :
C0BF1



Tgt Ion: 96 Resp: 3029
Ion Ratio Lower Upper
96 100
61 116.5 85.2 158.2
68 0.0 0.0 0.0

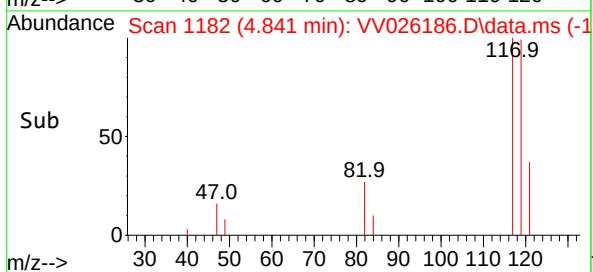
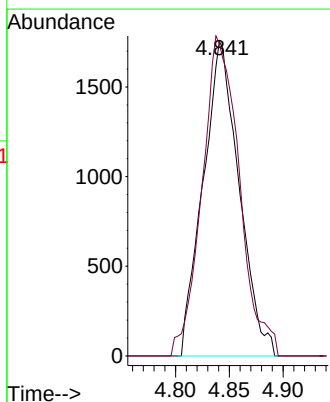
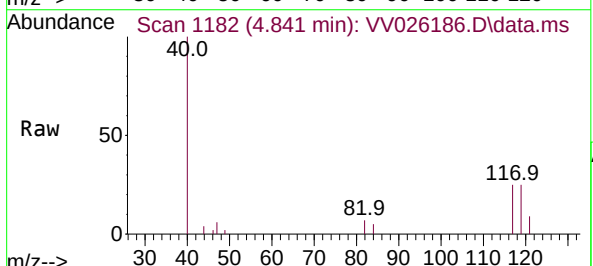
Manual Integrations
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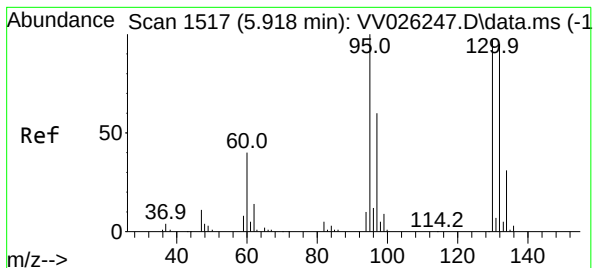
Reviewed By :Semsettin Yesilyurt 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#31
Carbon tetrachloride
Concen: 0.213 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion:117 Resp: 4081
Ion Ratio Lower Upper
117 100
119 105.7 77.8 116.8





#34

Trichloroethene

Concen: 1716.626 ug/L m

RT: 5.921 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026186.D

Acq: 13 Jun 2022 01:29

Instrument :

MSVOA_V

ClientSampleId :

C0BF1

Tgt Ion: 95 Resp: 2539874

Ion Ratio Lower Upper

95 100

97 77.1 43.3 80.3

132 97.4 67.5 125.4

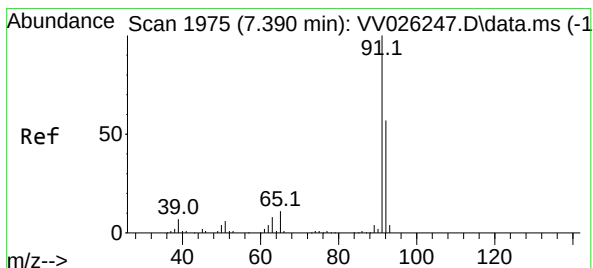
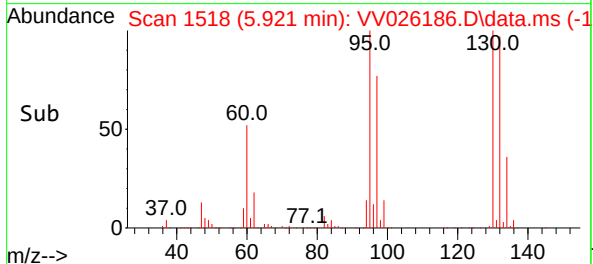
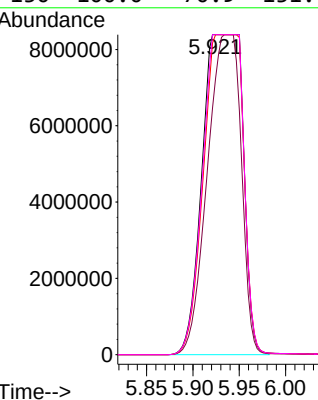
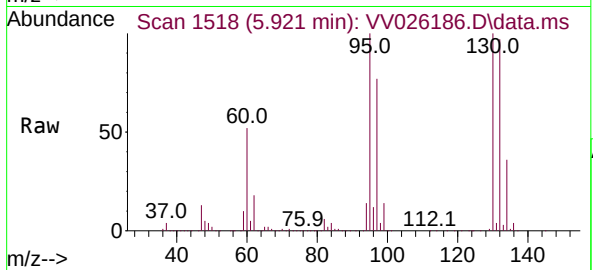
130 100.0 70.9 131.7

Manual Integrations

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Supervised By : Mahesh Dadoda 06/15/2022



#42

Toluene

Concen: 2.380 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV026186.D

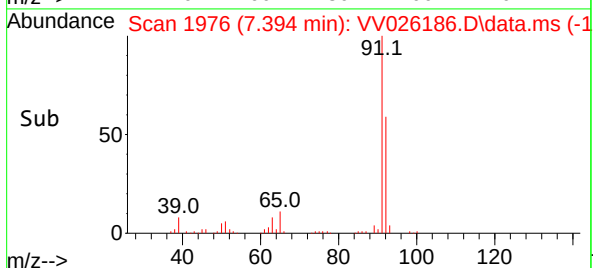
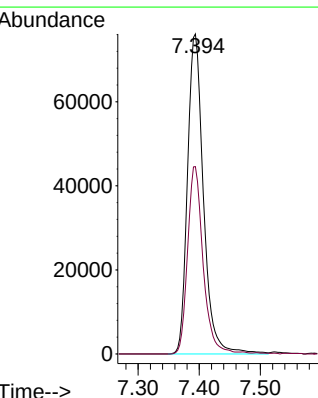
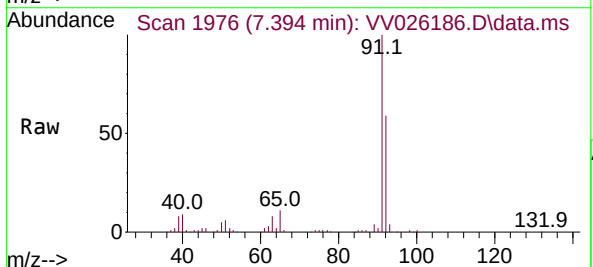
Acq: 13 Jun 2022 01:29

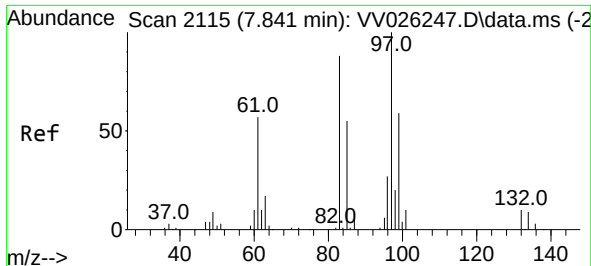
Tgt Ion: 91 Resp: 138055

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9





#45

1,1,2-Trichloroethane

Concen: 0.239 ug/L

RT: 7.853 min Scan# 2119

Delta R.T. 0.013 min

Lab File: VV026186.D

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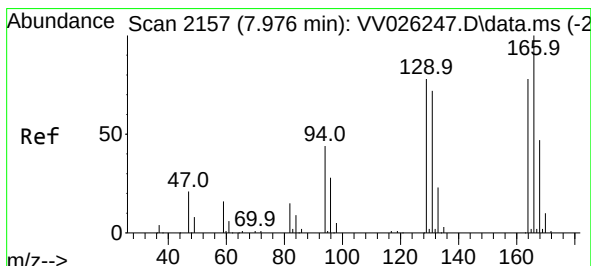
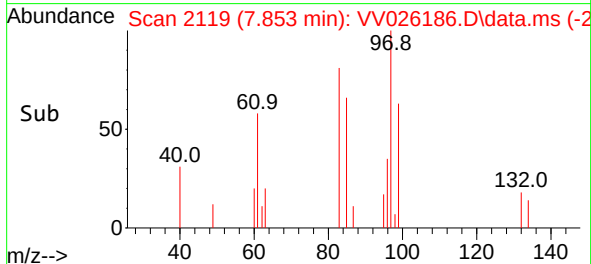
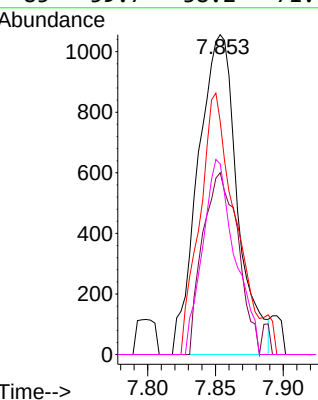
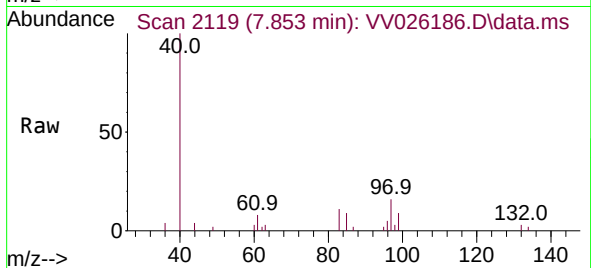
C0BF1

Tgt Ion: 97	Resp: 213
Ion Ratio	Lower Upper
97 100	
99 56.8	43.0 80.0
83 72.9	58.4 108.4
85 59.7	38.2 71.0

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#47

Tetrachloroethene

Concen: 61.830 ug/L

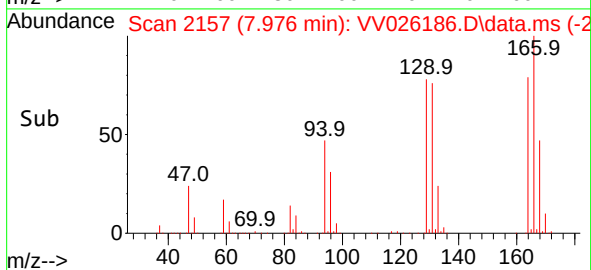
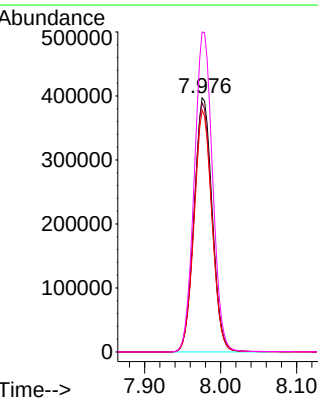
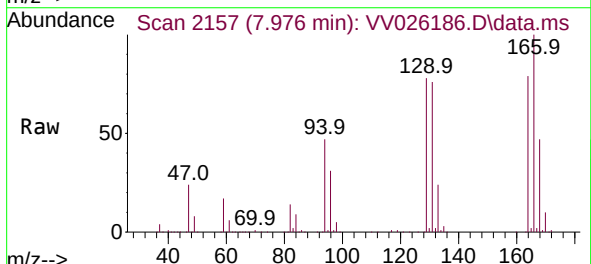
RT: 7.976 min Scan# 2157

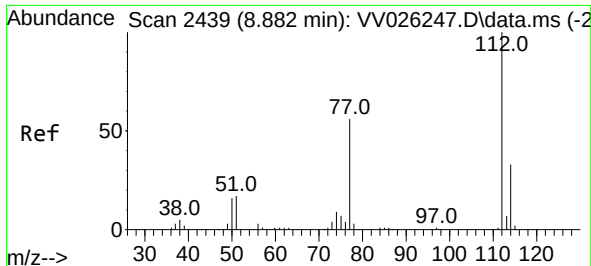
Delta R.T. -0.003 min

Lab File: VV026186.D

Acq: 13 Jun 2022 01:29

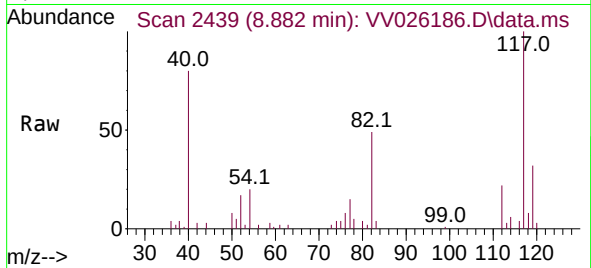
Tgt	Ion:164	Resp:	656944
Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.1	122.7
131	95.1	65.0	120.6
166	126.0	88.1	163.7





#51
Chlorobenzene
Concen: 0.112 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
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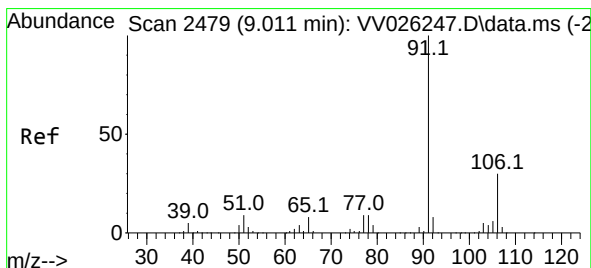
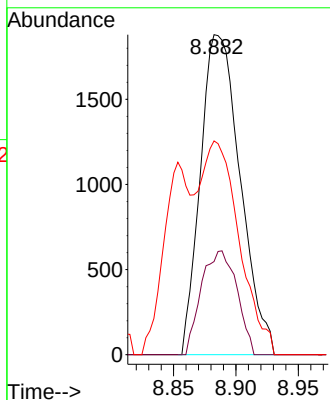
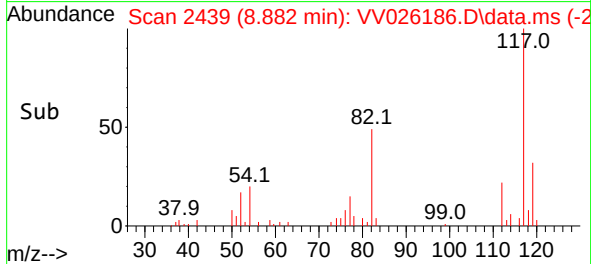
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Tgt Ion: 112 Resp: 4179
Ion Ratio Lower Upper
112 100
114 29.1 21.8 40.6
77 66.8 44.6 66.8

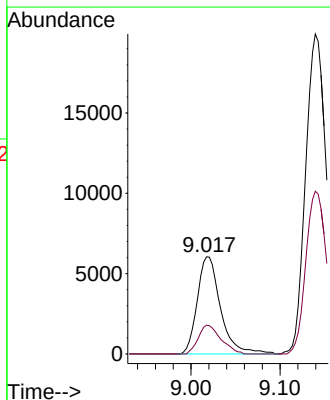
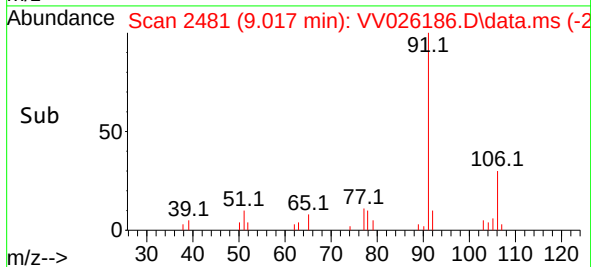
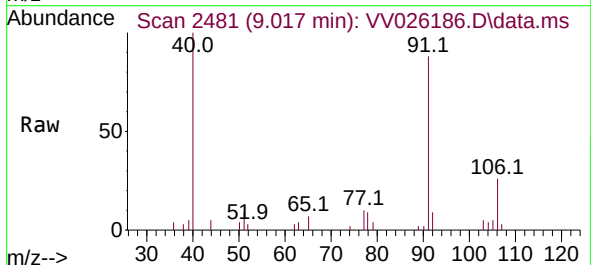
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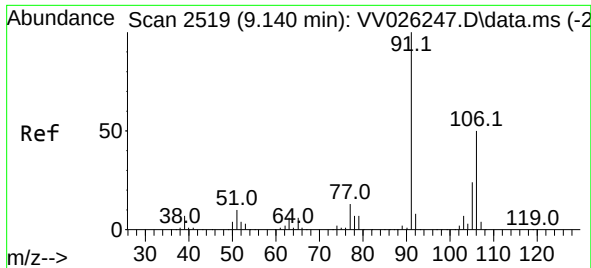
Reviewed By :Semsettin Yesilyurt 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 91 Resp: 10971
Ion Ratio Lower Upper
91 100
106 29.7 22.3 41.3





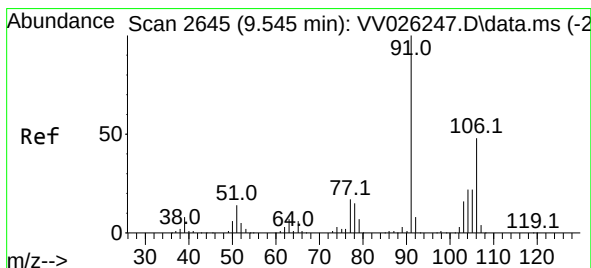
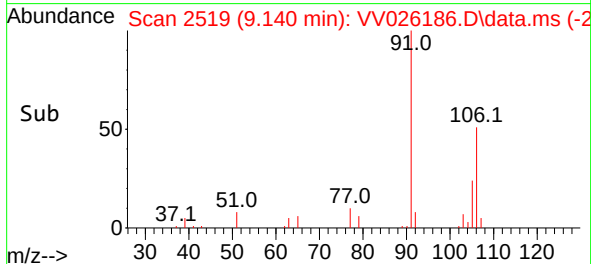
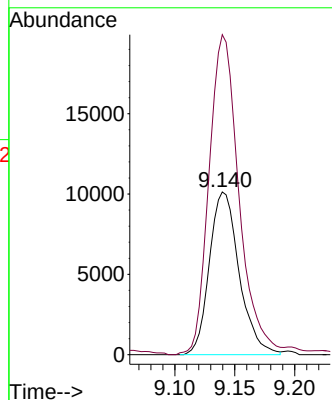
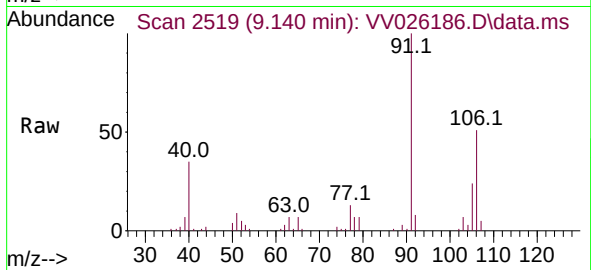
#53
m,p-Xylene
Concen: 0.793 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :
C0BF1

Tgt Ion:106 Resp: 17480
Ion Ratio Lower Upper
106 100
91 196.6 142.0 263.8

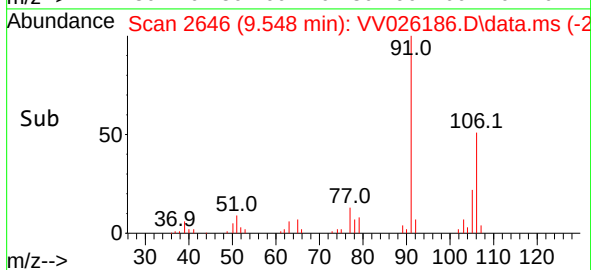
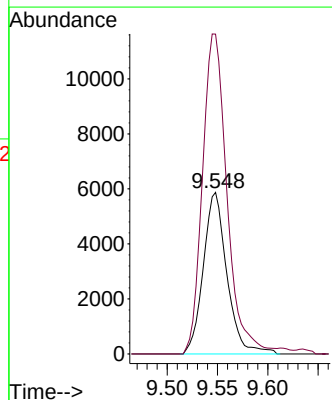
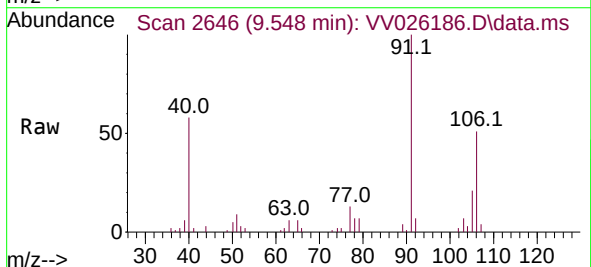
Manual Integrations
APPROVED

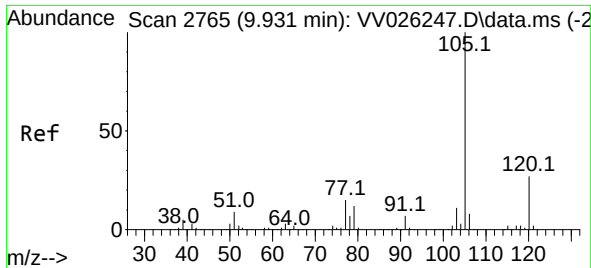
Reviewed By :Semsettin Yesilyurt 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#54
o-Xylene
Concen: 0.451 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

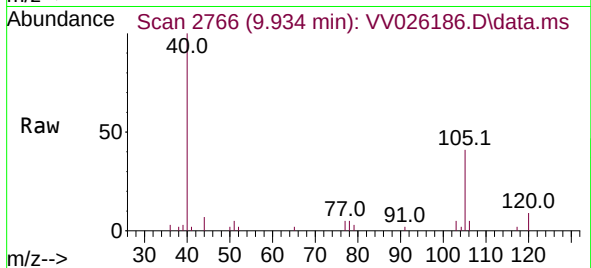
Tgt Ion:106 Resp: 9597
Ion Ratio Lower Upper
106 100
91 198.0 149.0 276.6





#60
Isopropylbenzene
Concen: 0.084 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

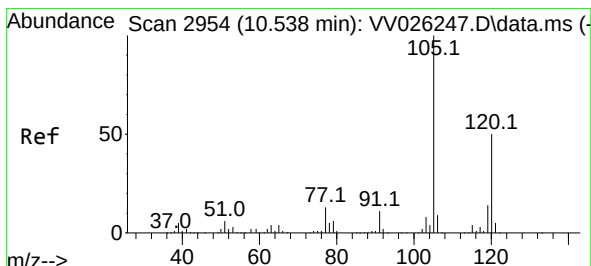
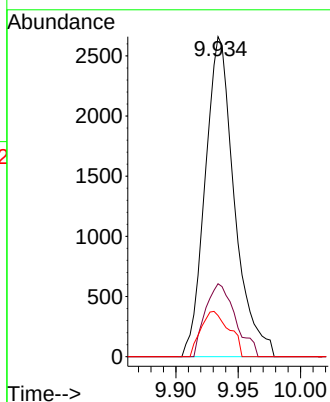
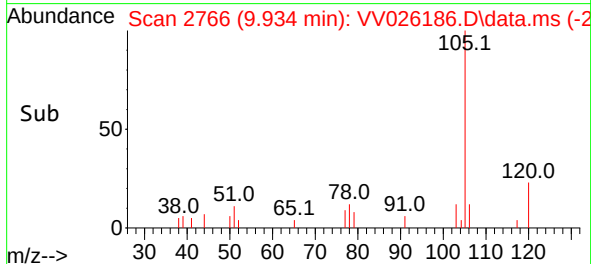
Instrument :
MSVOA_V
ClientSampleId :
C0BF1



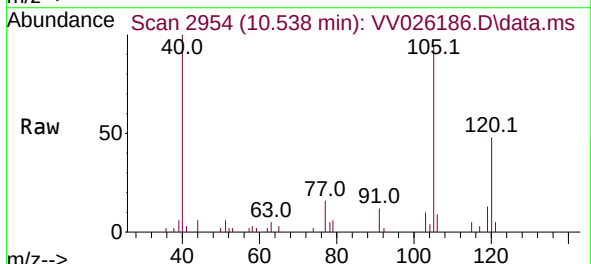
Tgt Ion:105 Resp: 4338
Ion Ratio Lower Upper
105 100
120 23.4 21.4 32.0
77 13.7 12.4 18.6

Manual Integrations
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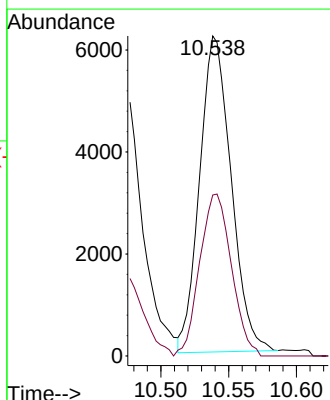
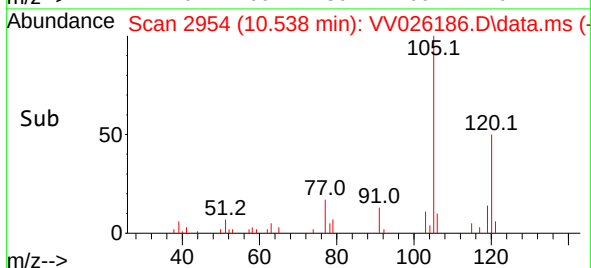
Reviewed By :Semsettin Yesilyurt 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

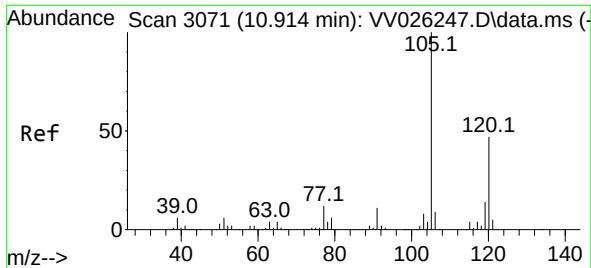


#62
1,3,5-Trimethylbenzene
Concen: 0.245 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29



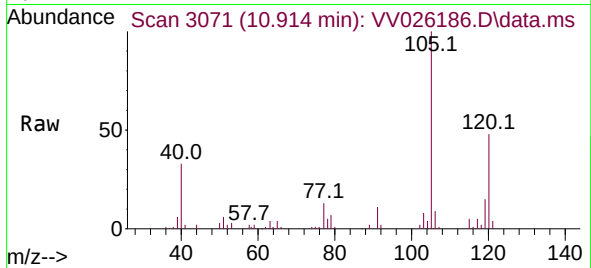
Tgt Ion:105 Resp: 10012
Ion Ratio Lower Upper
105 100
120 51.7 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.838 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026186.D
 Acq: 13 Jun 2022 01:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BF1



Tgt Ion:105 Resp: 33749
 Ion Ratio Lower Upper
 105 100
 120 47.6 36.9 55.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

