

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025104.D
 Acq On : 08 Nov 2021 18:40
 Operator : JC/MD
 Sample : M4464-07 10X
 Misc : 7.45g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/09/2021

Quant Time: Nov 09 04:18:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	191714	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	171753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84282	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	88208	50.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.760%			
7) Chloroethane-d5	1.660	69	41216	37.925	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.840%			
11) 1,1-Dichloroethene-d2	2.306	63	142044	42.540	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.080%			
21) 2-Butanone-d5	4.464	46	132701	111.383	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.380%			
24) Chloroform-d	5.062	84	163500	47.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.940%			
26) 1,2-Dichloroethane-d4	5.964	65	119632	53.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.320%			
32) Benzene-d6	5.982	84	273622	44.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.480%			
36) 1,2-Dichloropropane-d6	7.318	67	86906	48.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.460%			
41) Toluene-d8	8.659	98	308031	59.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.840%			
43) trans-1,3-Dichloroprop...	8.958	79	47325	49.207	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.420%			
47) 2-Hexanone-d5	9.390	63	75285	97.809	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.810%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111884	44.856	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.720%			
66) 1,2-Dichlorobenzene-d4	12.323	152	74052	44.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.660%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	8574	5.509	ug/L #	86
12) 1,1-Dichloroethene	2.318	96	8215	6.002	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	3071	1.059	ug/L #	82
20) cis-1,2-Dichloroethene	4.495	96	119589	74.323	ug/L	86
29) Cyclohexane	5.483	56	59143	22.498	ug/L #	72
30) 1,1,1-Trichloroethane	5.397	97	6139303	1973.157	ug/L #	91
33) Benzene	6.037	78	23891	3.697	ug/L	100
34) Trichloroethene	7.159	95	16388648	9955.432	ug/L	95
35) Methylcyclohexane	7.385	83	57650	23.544	ug/L #	80
42) Toluene	8.738	91	29478493m	4791.300	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	2471	1.785	ug/L	84
46) Tetrachloroethene	9.281	164	129270	141.809	ug/L	98
52) Ethylbenzene	10.195	91	187755	28.384	ug/L	93
53) m,p-Xylene	10.305	106	138313	57.485	ug/L	98
54) o-Xylene	10.646	106	51520	22.627	ug/L	96
60) Isopropylbenzene	10.969	105	16332m	2.325	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	95823	16.468	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	353036	61.865	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

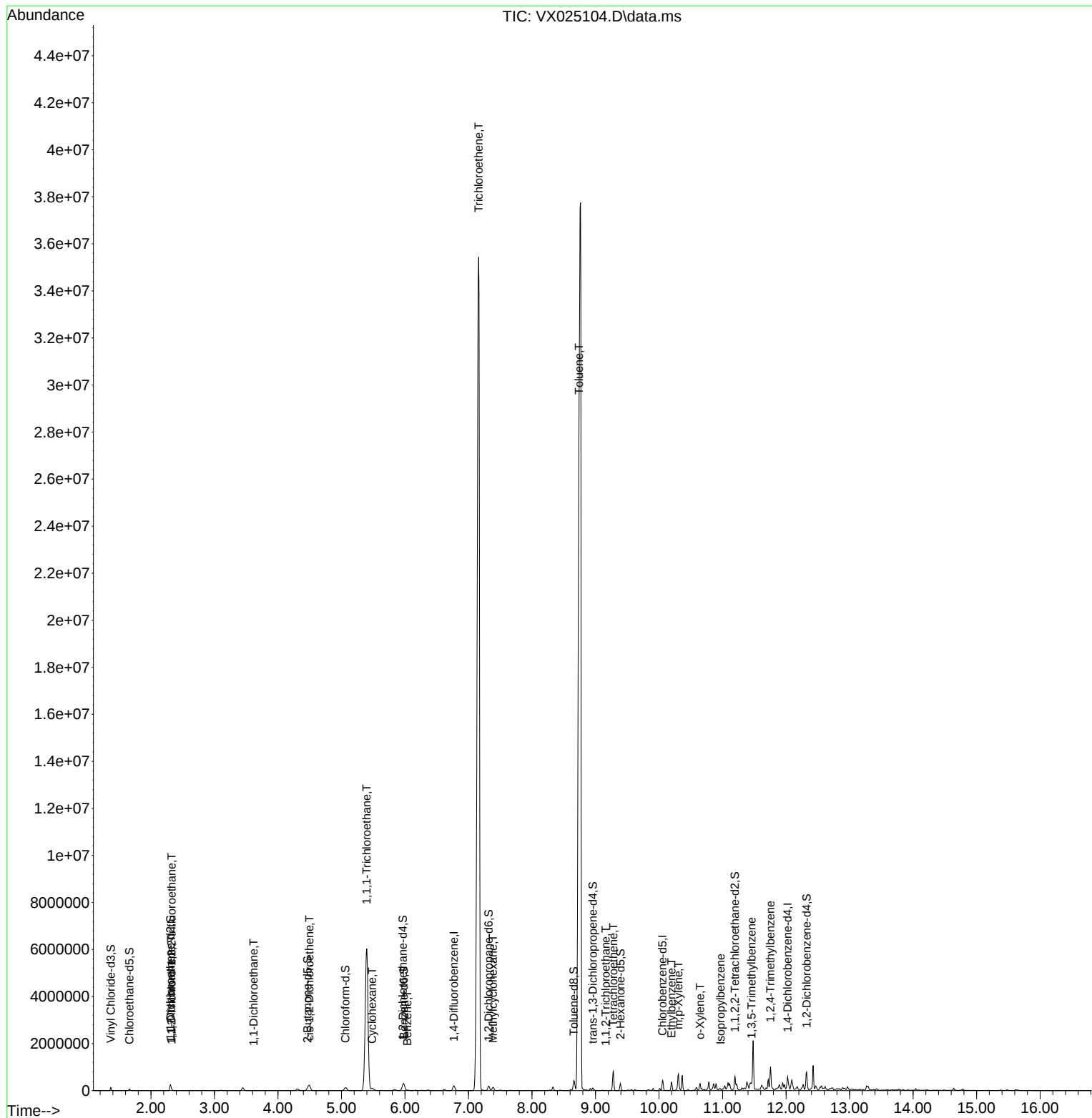
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Data File : VX025104.D
Acq On : 08 Nov 2021 18:40
Operator : JC/MD
Sample : M4464-07 10X
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ALS Vial : 19 Sample Multiplier: 1

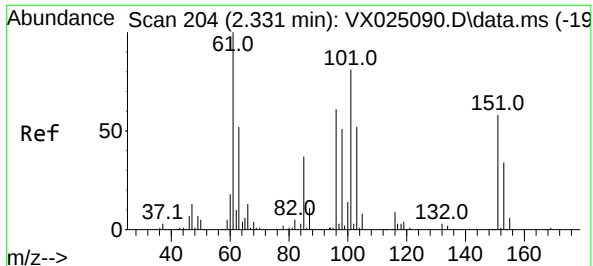
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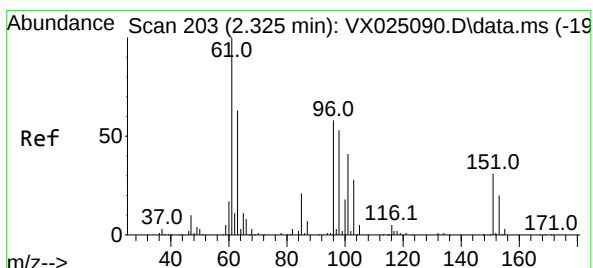
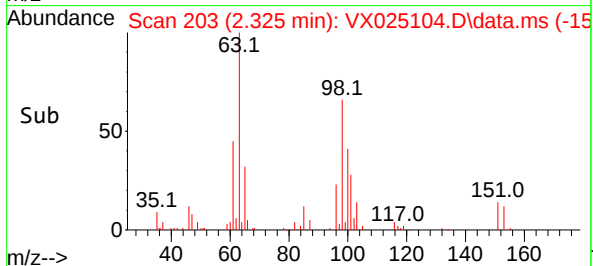
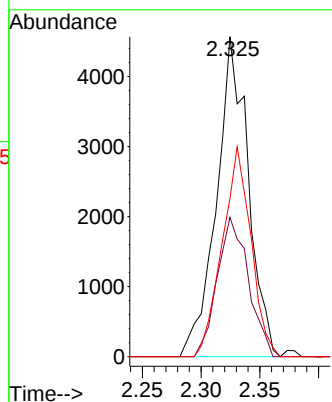
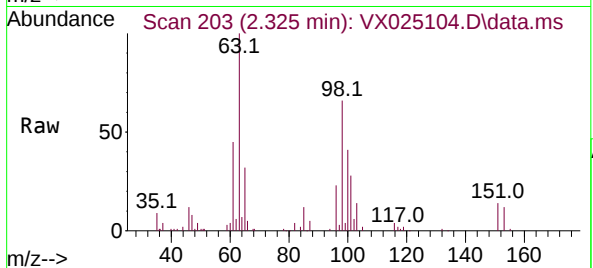
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.509 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion:101 Resp: 8574
Ion Ratio Lower Upper
101 100
85 42.7 35.3 52.9
151 59.5 62.3 93.5

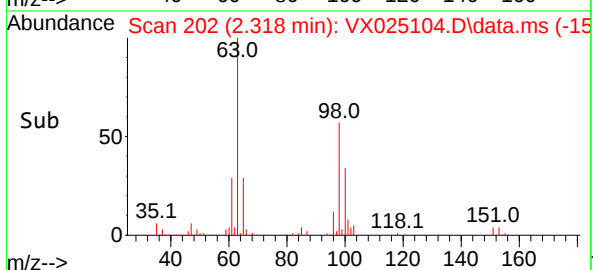
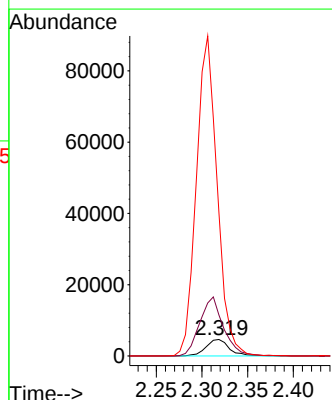
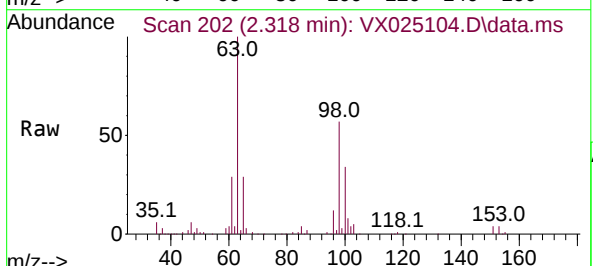
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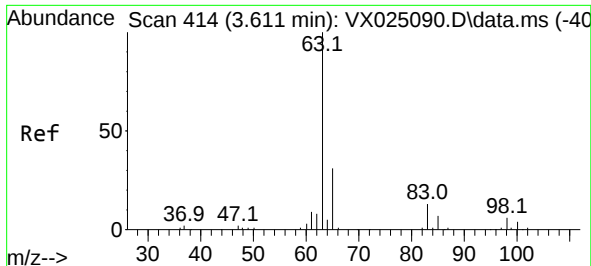
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Supervised By :Mahesh Dadoda 11/09/2021



#12
1,1-Dichloroethene
Concen: 6.002 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion: 96 Resp: 8215
Ion Ratio Lower Upper
96 100
61 247.9 109.9 204.1#
63 868.1 92.4 171.6#





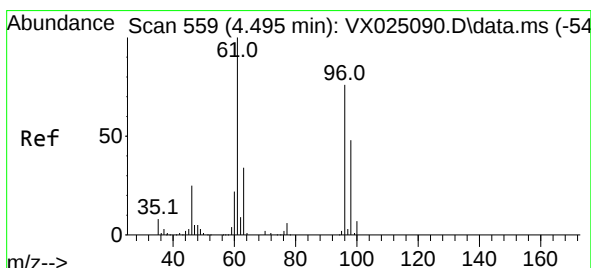
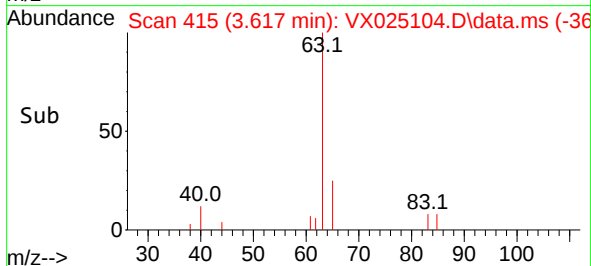
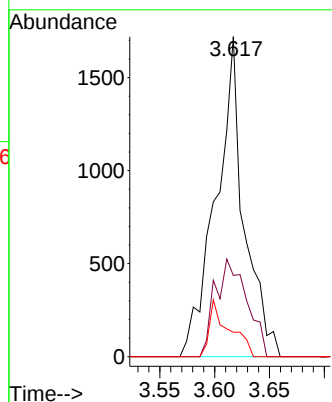
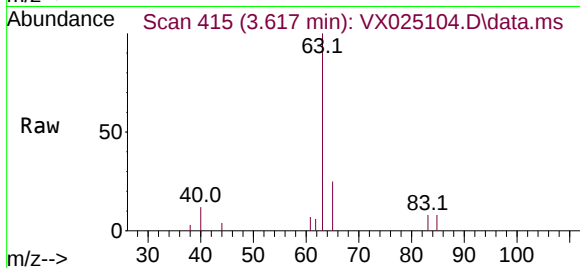
#19
1,1-Dichloroethane
Concen: 1.059 ug/L
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion: 63 Resp: 3072
Ion Ratio Lower Upper
63 100
65 25.4 24.5 45.5
83 7.6 11.7 21.7

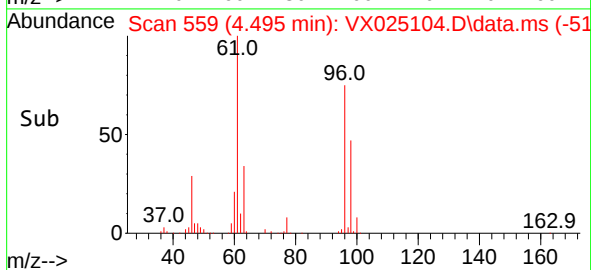
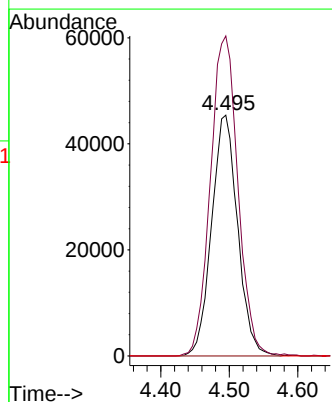
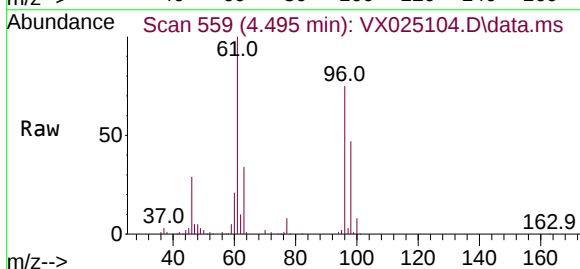
Manual Integrations
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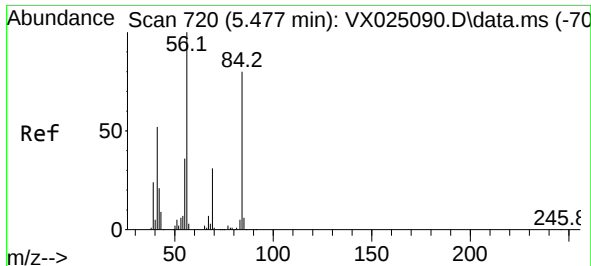
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#20
cis-1,2-Dichloroethene
Concen: 74.323 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion: 96 Resp: 119589
Ion Ratio Lower Upper
96 100
61 132.9 82.6 153.4
68 0.0 0.0 0.0





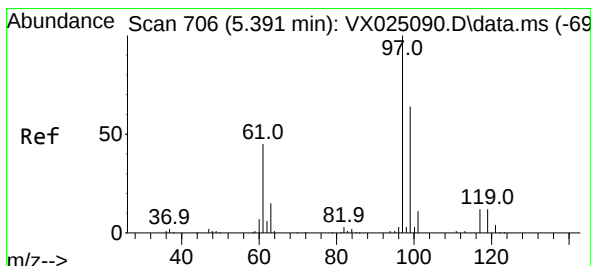
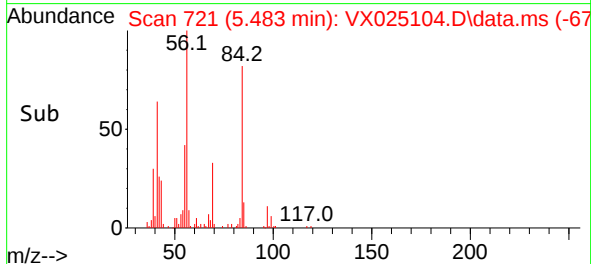
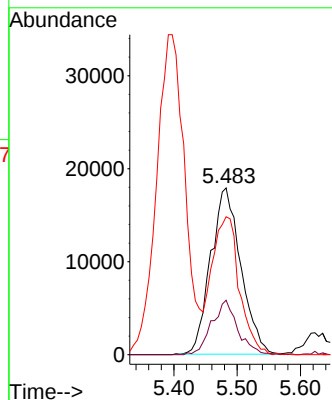
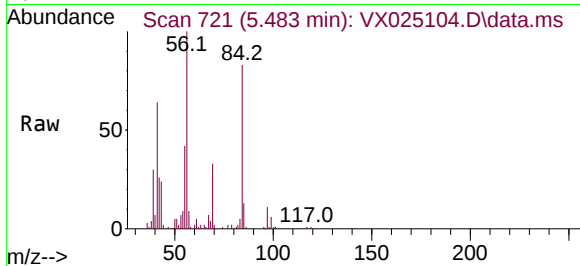
#29
Cyclohexane
Concen: 22.498 ug/L
RT: 5.483 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion: 56 Resp: 5914
Ion Ratio Lower Upper
56 100
69 28.2 30.8 46.2
84 75.0 86.8 130.2

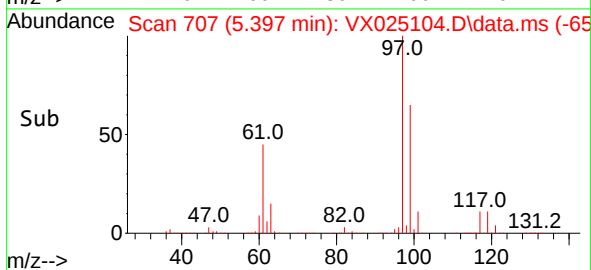
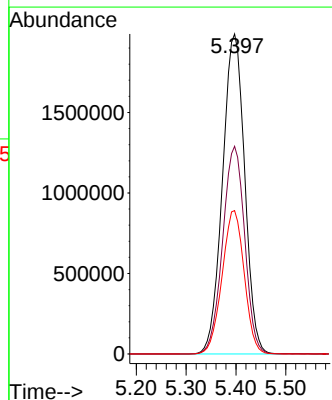
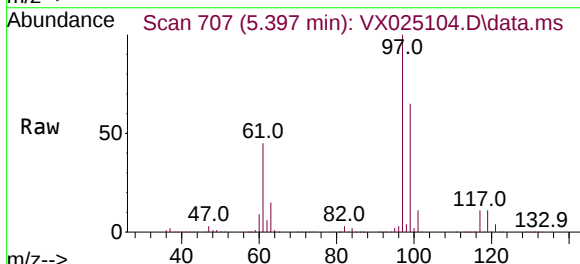
Manual Integrations
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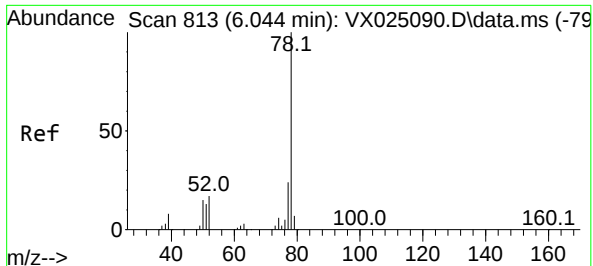
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#30
1,1,1-Trichloroethane
Concen: 1973.157 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion: 97 Resp: 6139303
Ion Ratio Lower Upper
97 100
99 64.5 53.1 79.7
61 44.8 26.3 39.5





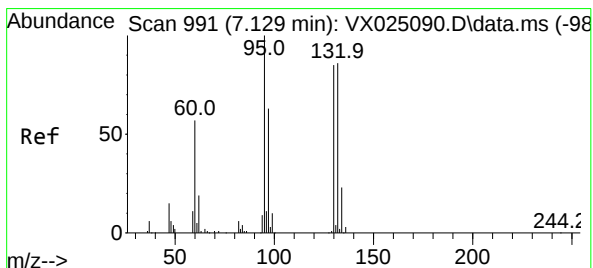
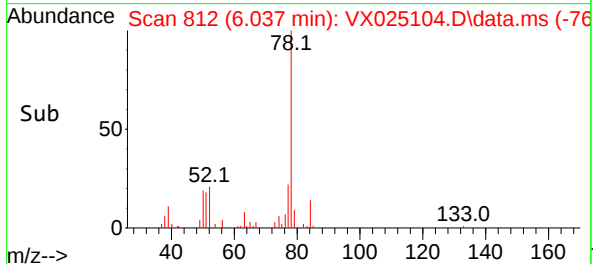
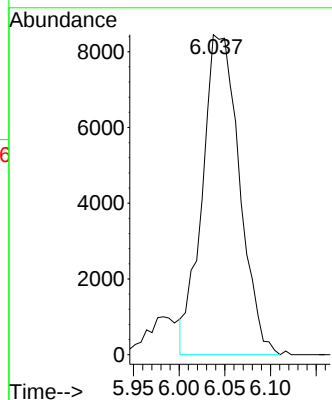
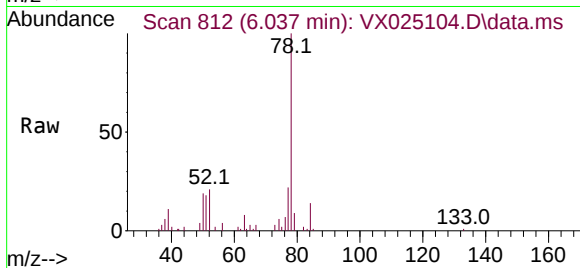
#33
Benzene
Concen: 3.697 ug/L
RT: 6.037 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion: 78 Resp: 2389

Manual Integrations
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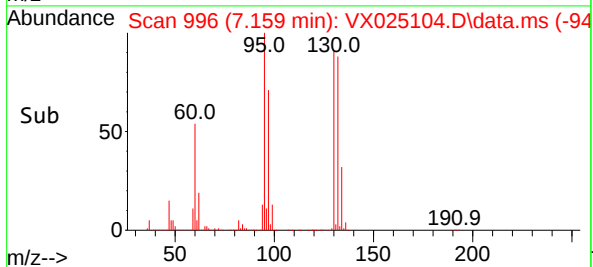
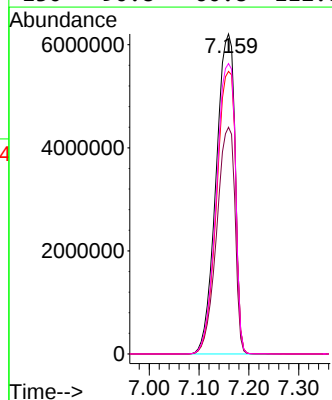
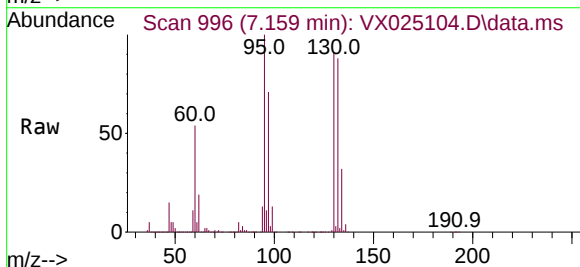
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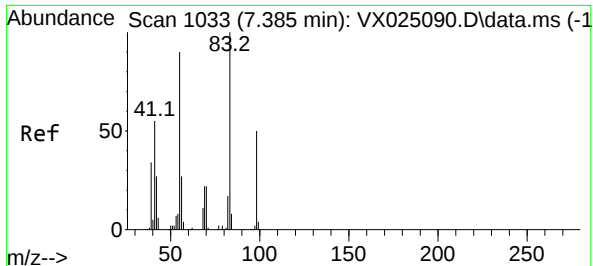


#34
Trichloroethene
Concen: 9955.432 ug/L
RT: 7.159 min Scan# 996
Delta R.T. 0.030 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion: 95 Resp:16388648

Ion	Ratio	Lower	Upper
95	100		
97	70.8	44.2	82.2
132	88.3	60.1	111.5
130	90.8	60.8	112.8





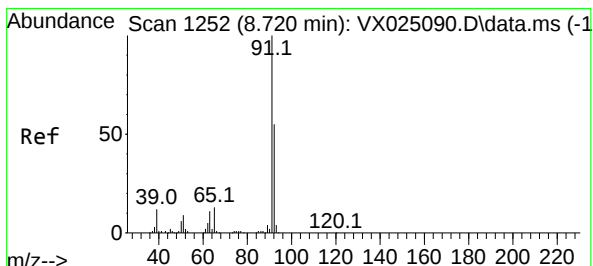
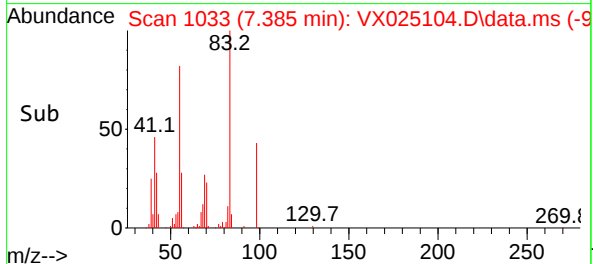
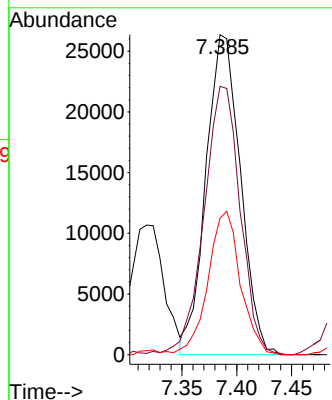
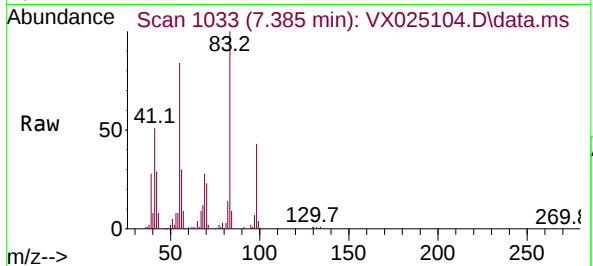
#35
Methylcyclohexane
Concen: 23.544 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 57650
Ion Ratio Lower Upper
83 100
55 88.0 52.6 79.0
98 42.1 37.9 56.9

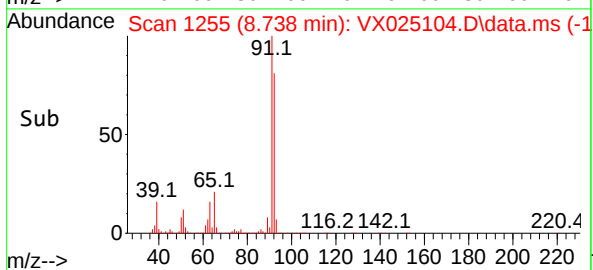
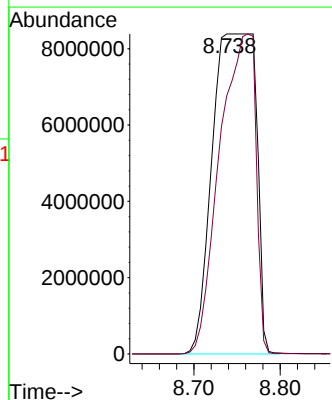
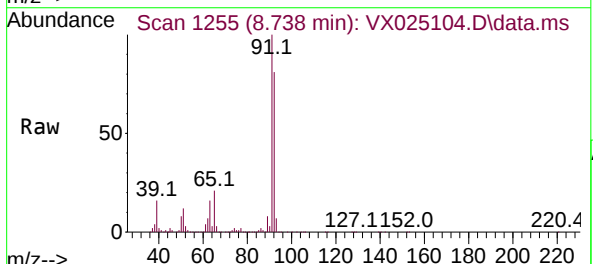
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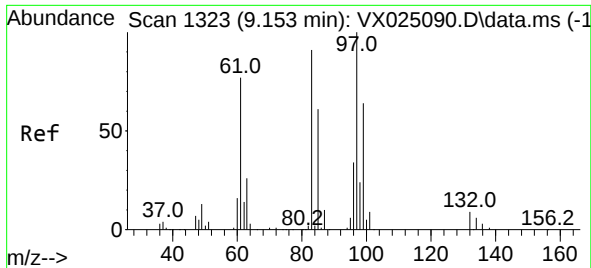
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#42
Toluene
Concen: 4791.300 ug/L m
RT: 8.738 min Scan# 1255
Delta R.T. 0.018 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

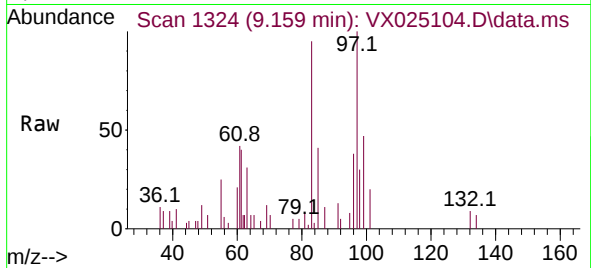
Tgt Ion: 91 Resp:29478493
Ion Ratio Lower Upper
91 100
92 80.7 39.3 72.9





#45
1,1,2-Trichloroethane
Concen: 1.785 ug/L
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

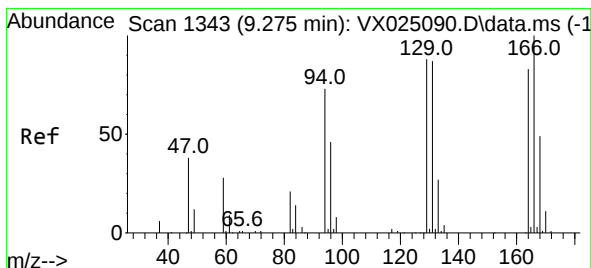
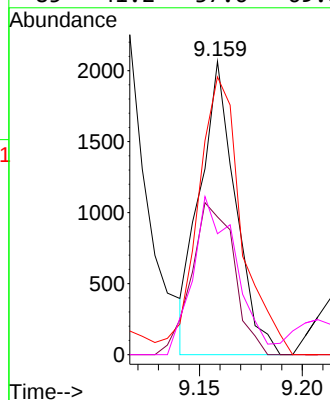
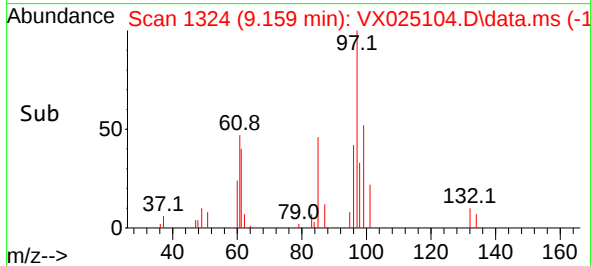
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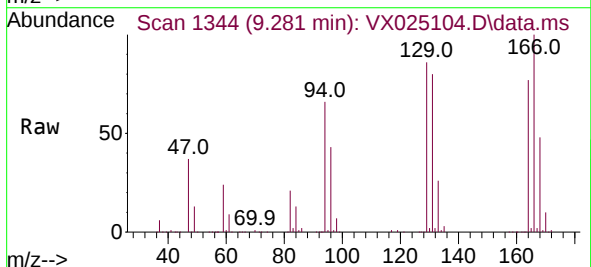
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Ion Ratio Lower Upper
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83 94.7 58.2 108.0
85 41.2 37.6 69.8

Manual Integrations
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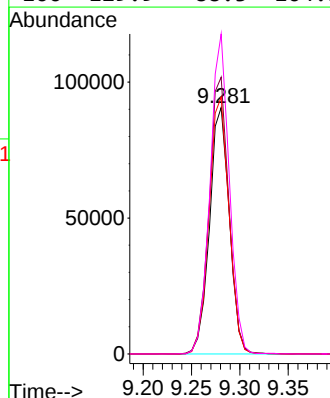
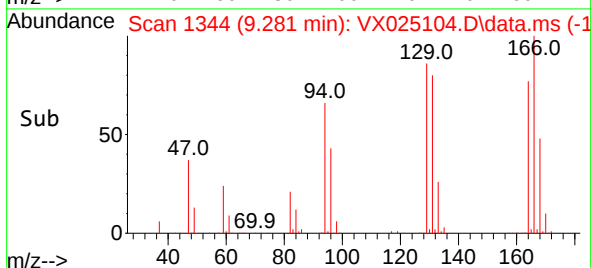
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021

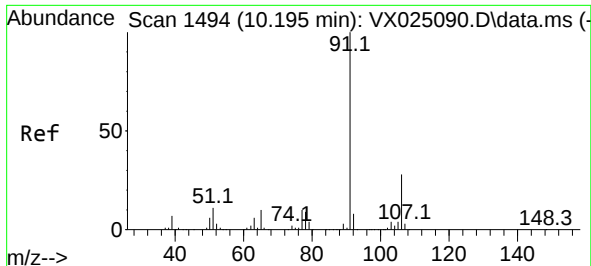


#46
Tetrachloroethene
Concen: 141.809 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40



Tgt Ion:164 Resp: 129270
Ion Ratio Lower Upper
164 100
129 112.3 78.5 145.7
131 104.3 70.5 130.9
166 129.9 88.3 164.1





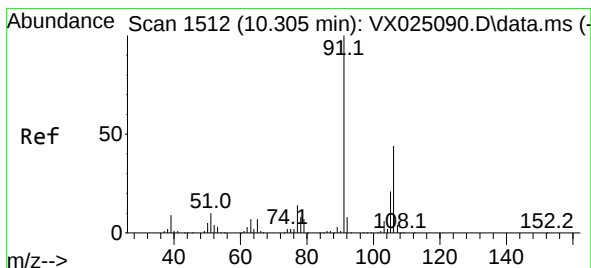
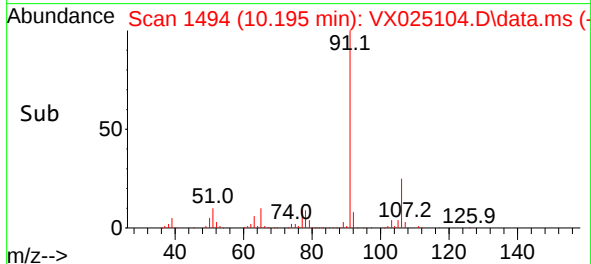
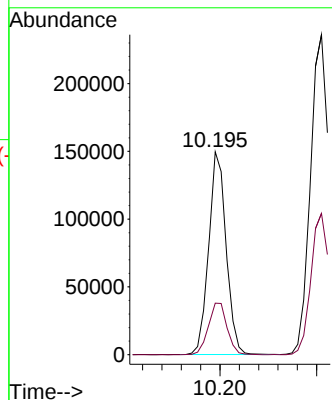
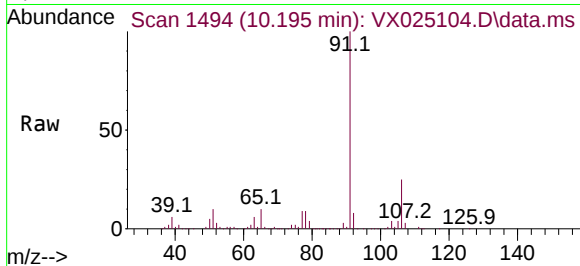
#52
Ethylbenzene
Concen: 28.384 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion: 91 Resp: 187758
Ion Ratio Lower Upper
91 100
106 25.4 20.2 37.6

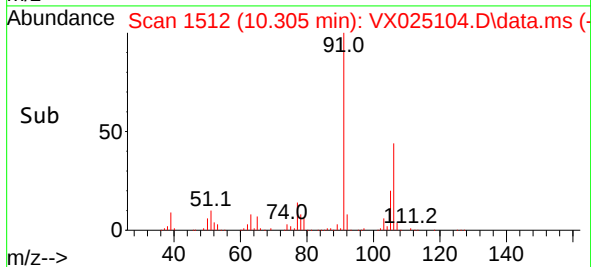
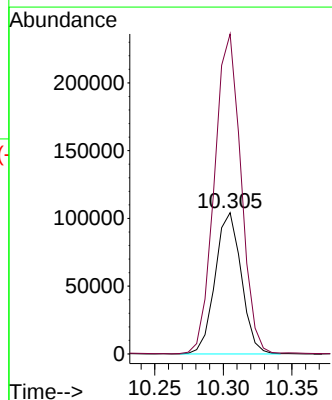
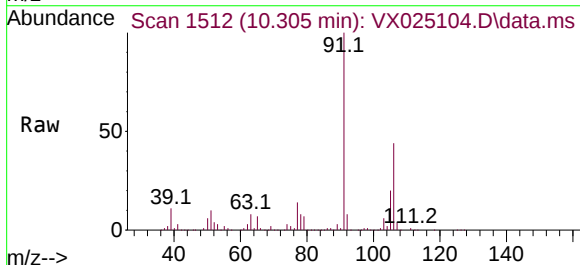
Manual Integrations
APPROVED

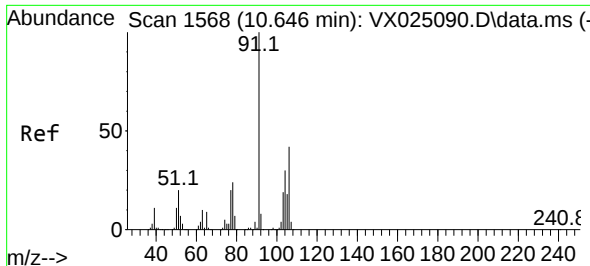
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#53
m,p-Xylene
Concen: 57.485 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

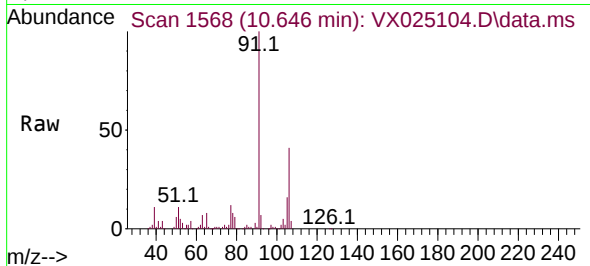
Tgt Ion:106 Resp: 138313
Ion Ratio Lower Upper
106 100
91 226.4 160.2 297.6





#54
o-Xylene
Concen: 22.627 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

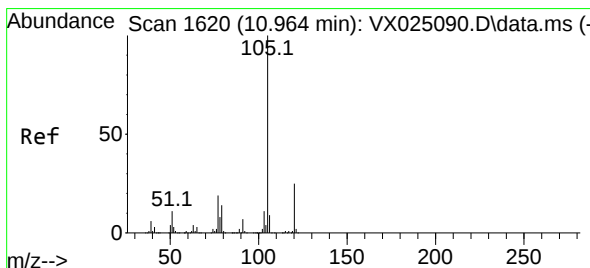
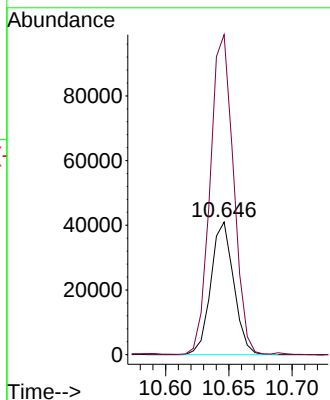
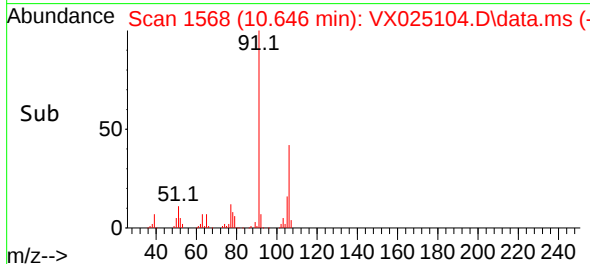
Instrument :
MSVOA_X
ClientSampleId :
GB7K5



Tgt Ion:106 Resp: 51520
Ion Ratio Lower Upper
106 100
91 241.2 164.4 305.4

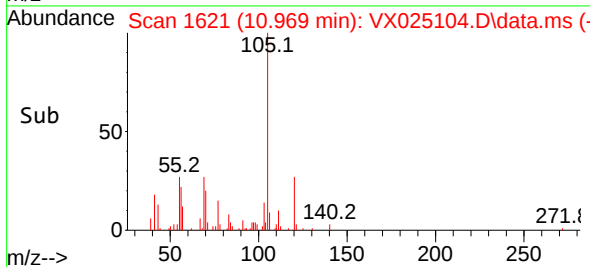
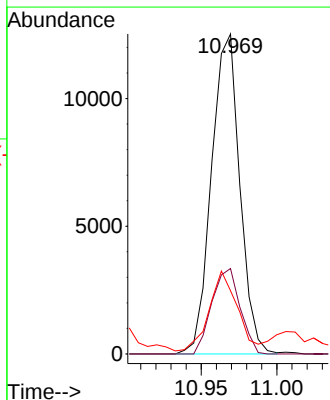
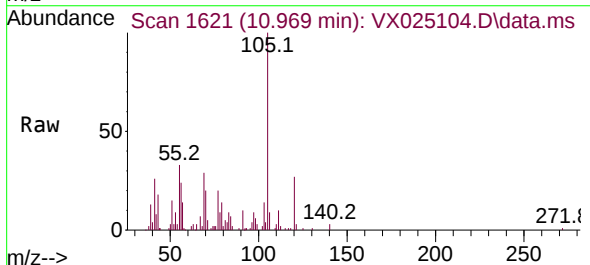
Manual Integrations
APPROVED

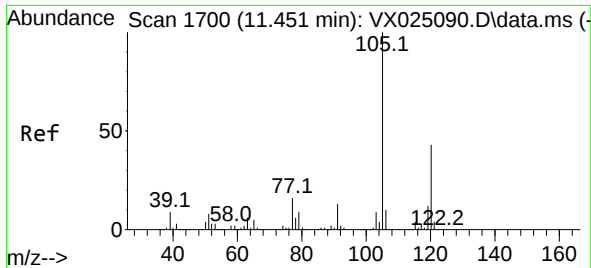
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#60
Isopropylbenzene
Concen: 2.325 ug/L m
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion:105 Resp: 16332
Ion Ratio Lower Upper
105 100
120 285.7 19.8 29.6#
77 137.2 13.2 19.8#





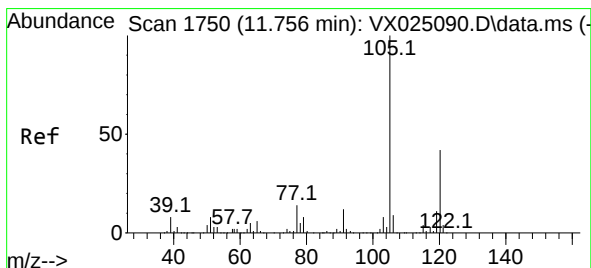
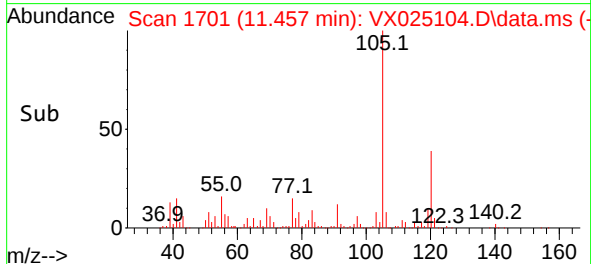
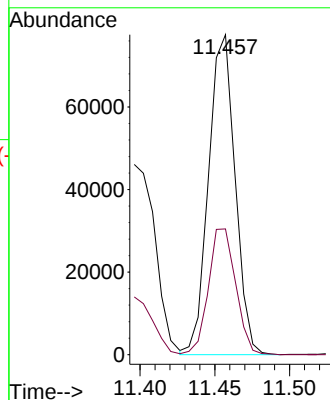
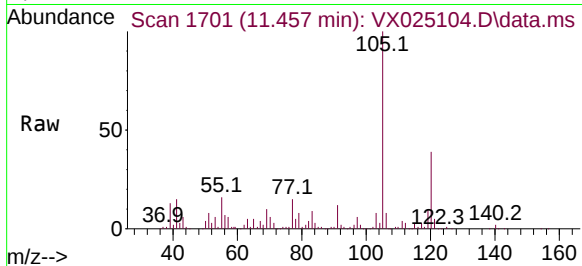
#62
1,3,5-Trimethylbenzene
Concen: 16.468 ug/L
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
GB7K5

Tgt Ion:105 Resp: 9582
Ion Ratio Lower Upper
105 100
120 40.5 34.4 51.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#63
1,2,4-Trimethylbenzene
Concen: 61.865 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025104.D
Acq: 08 Nov 2021 18:40

Tgt Ion:105 Resp: 353036
Ion Ratio Lower Upper
105 100
120 40.2 31.0 46.6

