

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026121.D
 Acq On : 29 Dec 2021 00:37
 Operator : JC/MD
 Sample : M5233-02MS 10X
 Misc : 8.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 04:36:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	197876	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176733	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	90038	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	83477	54.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.700%	
7) Chloroethane-d5	1.666	69	62005	55.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.080%	
11) 1,1-Dichloroethene-d2	2.313	63	159001	56.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.440%	
21) 2-Butanone-d5	4.465	46	119056	112.185	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 112.190%	
24) Chloroform-d	5.062	84	145566	55.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.620%	
26) 1,2-Dichloroethane-d4	5.964	65	97313	57.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.120%	
32) Benzene-d6	5.976	84	282592	55.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.920%	
36) 1,2-Dichloropropane-d6	7.312	67	88679	56.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 112.520%	
41) Toluene-d8	8.653	98	263291	56.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.320%	
43) trans-1,3-Dichloroprop...	8.952	79	44489	57.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 115.640%	
47) 2-Hexanone-d5	9.390	63	82765	112.585	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.580%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	124006	59.112	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.220%	
66) 1,2-Dichlorobenzene-d4	12.323	152	97510	56.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	100398	52.624	ug/L	100
3) Chloromethane	1.294	50	87682	52.806	ug/L	98
5) Vinyl chloride	1.380	62	87656	52.594	ug/L	99
6) Bromomethane	1.611	94	46045	47.452	ug/L	100
8) Chloroethane	1.685	64	54014	55.038	ug/L	98
9) Trichlorofluoromethane	1.892	101	138987	54.389	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	76458	58.966	ug/L	99
12) 1,1-Dichloroethene	2.325	96	71691	59.427	ug/L	93
13) Acetone	2.386	43	78499	78.106	ug/L	99
14) Carbon disulfide	2.514	76	188441	49.748	ug/L	100
15) Methyl Acetate	2.709	43	85712	54.196	ug/L	99
16) Methylene chloride	2.794	84	69471	51.704	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	65892	51.888	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	216331	53.286	ug/L #	90
19) 1,1-Dichloroethane	3.617	63	199560	85.382	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	182559	131.363	ug/L	97
22) 2-Butanone	4.568	43	113803	86.059	ug/L	99
23) Bromochloromethane	4.904	128	37654	53.413	ug/L	98
25) Chloroform	5.105	83	145175	60.405	ug/L	99

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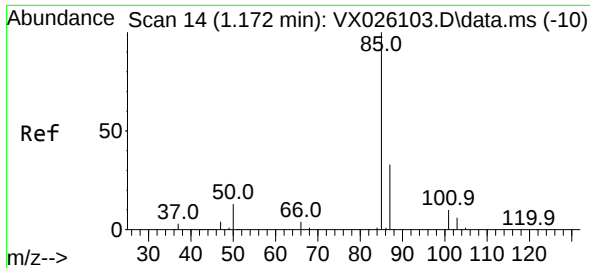
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Quant Time: Dec 29 04:36:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
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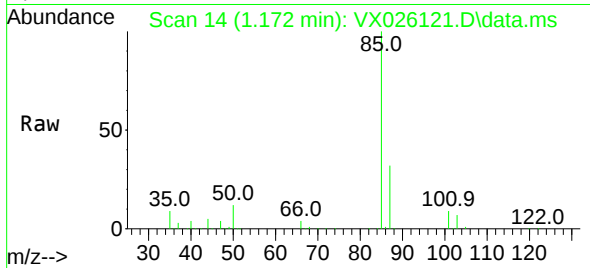
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	106120	54.356	ug/L	97
29) Cyclohexane	5.477	56	145382	65.364	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	613477	285.116	ug/L	99
31) Carbon tetrachloride	5.684	117	99507	51.413	ug/L	99
33) Benzene	6.044	78	316696	60.691	ug/L	100
34) Trichloroethene	7.129	95	73761	53.686	ug/L	97
35) Methylcyclohexane	7.385	83	188862	89.123	ug/L	97
37) 1,2-Dichloropropane	7.434	63	69621	51.824	ug/L	99
38) Bromodichloromethane	7.824	83	97726	52.360	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	108248	52.251	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	231267	106.689	ug/L	99
42) Toluene	8.720	91	2129249	383.095	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	104648	52.722	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	65409	51.031	ug/L	97
46) Tetrachloroethene	9.275	164	67546	66.507	ug/L	98
48) 2-Hexanone	9.433	43	167946	94.075	ug/L	99
49) Dibromochloromethane	9.525	129	75841	51.840	ug/L	95
50) 1,2-Dibromoethane	9.610	107	71651	52.515	ug/L	95
51) Chlorobenzene	10.079	112	185505	54.138	ug/L	99
52) Ethylbenzene	10.195	91	747317	127.908	ug/L	99
53) m,p-Xylene	10.305	106	698247	313.130	ug/L	98
54) o-Xylene	10.646	106	337031	155.589	ug/L	98
55) Styrene	10.659	104	220234	59.227	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	117601	58.420	ug/L	94
59) Bromoform	10.805	173	53614	49.330	ug/L	100
60) Isopropylbenzene	10.963	105	386886	64.074	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	88415	51.674	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	533881	106.192	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	1131013	223.120	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	142407	53.999	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	148803	55.066	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	165518	62.997	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30354	59.143	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	98344	54.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	93583m	58.009	ug/L	
71) Naphthalene	13.780	128	609629	100.463	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	95056	58.067	ug/L	97

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



#2
Dichlorodifluoromethane
Concen: 52.624 ug/L
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

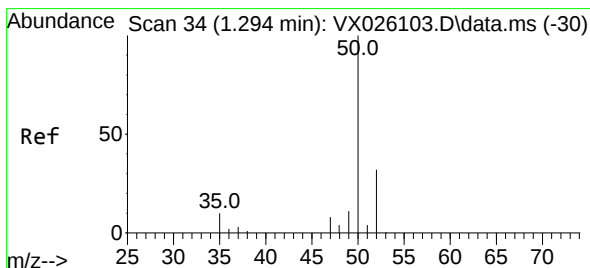
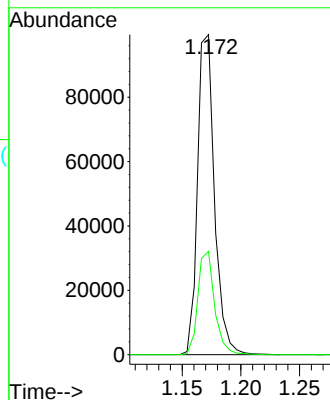
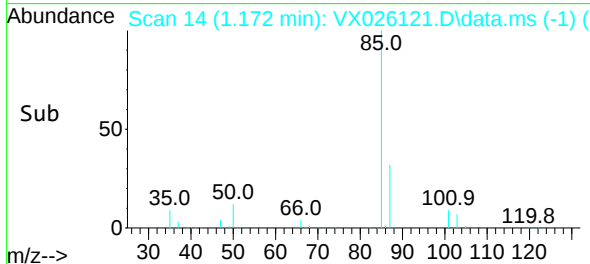
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



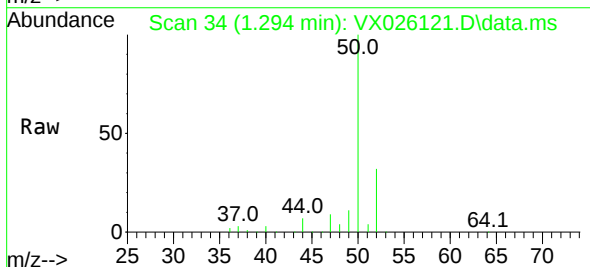
Tgt Ion: 85 Resp: 100398
Ion Ratio Lower Upper
85 100
87 31.8 25.7 38.5

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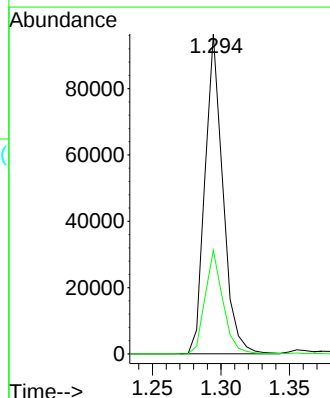
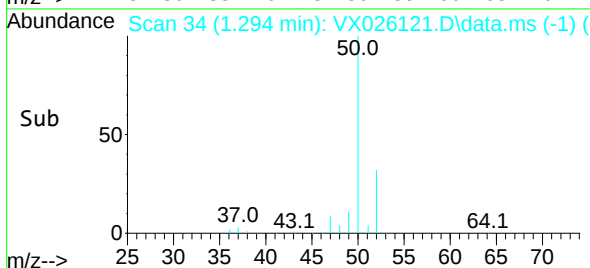
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

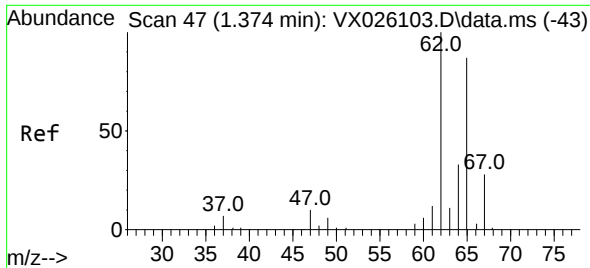


#3
Chloromethane
Concen: 52.806 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion: 50 Resp: 87682
Ion Ratio Lower Upper
50 100
52 32.5 23.7 43.9





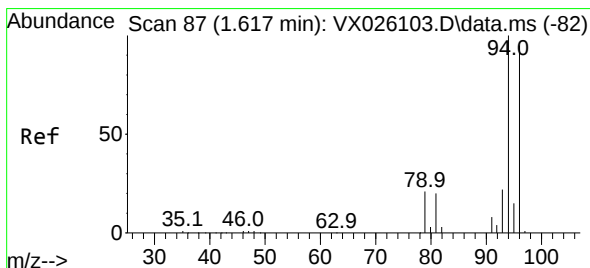
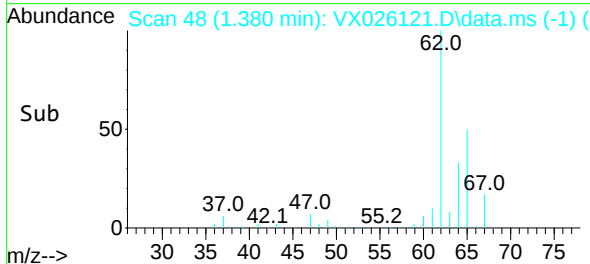
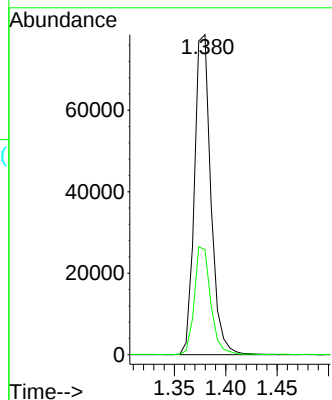
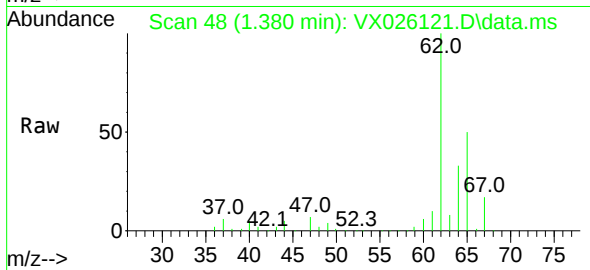
#5
 Vinyl chloride
 Concen: 52.594 ug/L
 RT: 1.380 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MS

Tgt Ion: 62 Resp: 87650
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2

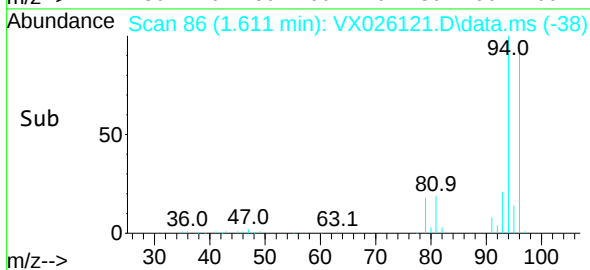
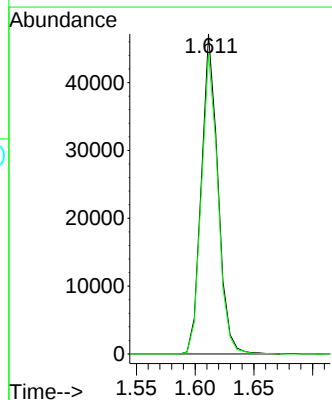
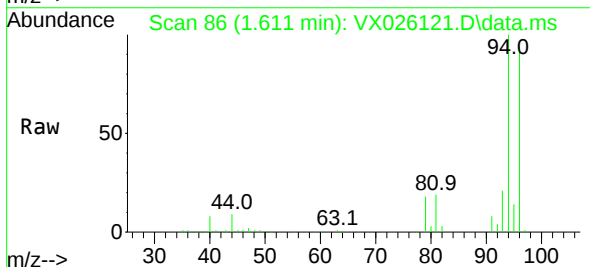
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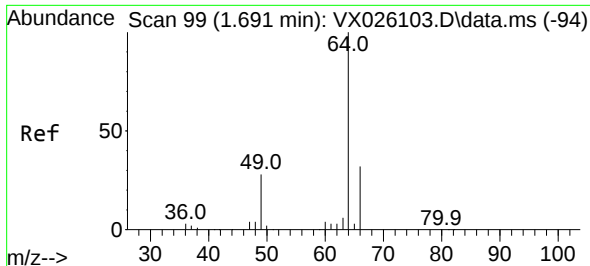
Reviewed By :John Carlone 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#6
 Bromomethane
 Concen: 47.452 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37

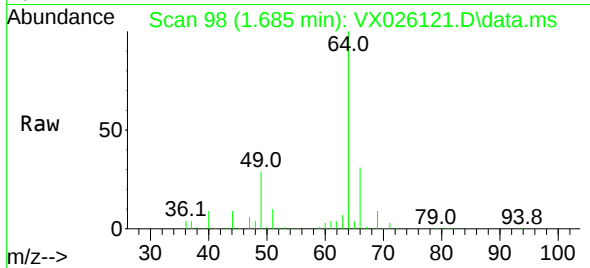
Tgt Ion: 94 Resp: 46045
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2





#8
Chloroethane
Concen: 55.038 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

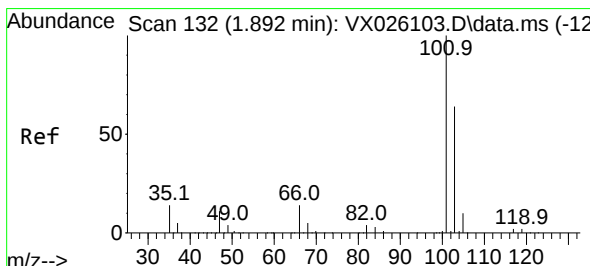
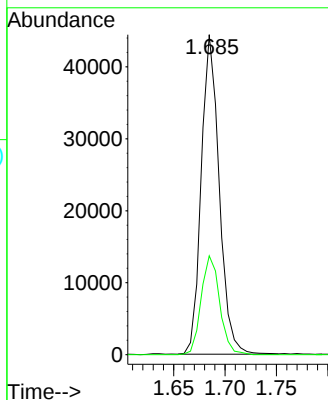
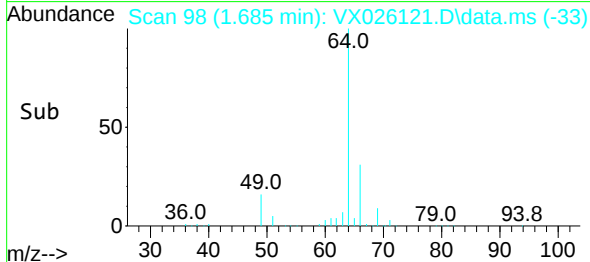
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



Tgt Ion: 64 Resp: 54014
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.7

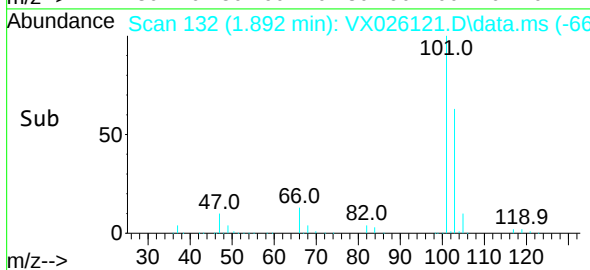
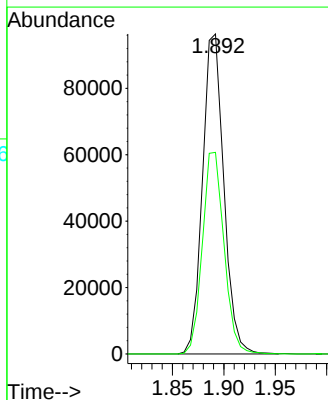
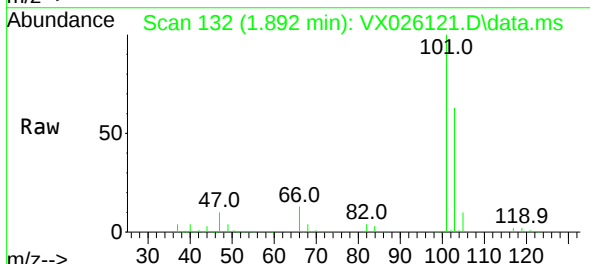
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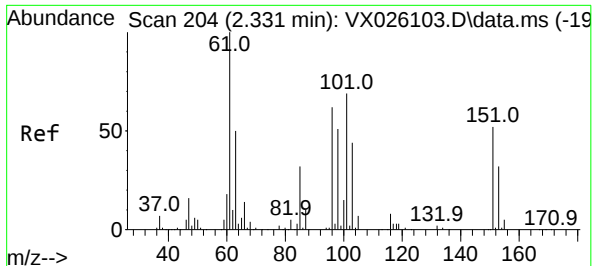
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#9
Trichlorofluoromethane
Concen: 54.389 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Tgt Ion:101 Resp: 138987
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 58.966 ug/L

RT: 2.337 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

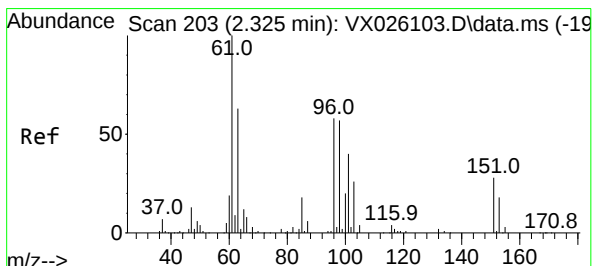
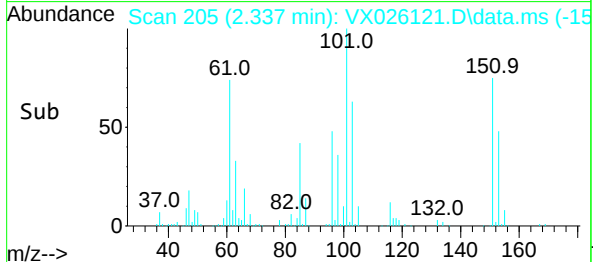
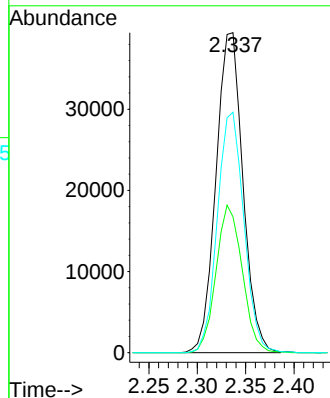
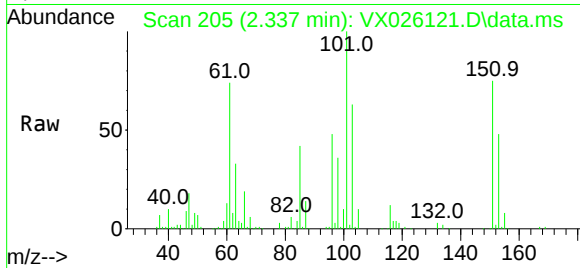
Tgt Ion:101 Resp: 76458
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.6 55.0
 151 74.0 58.5 87.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 59.427 ug/L

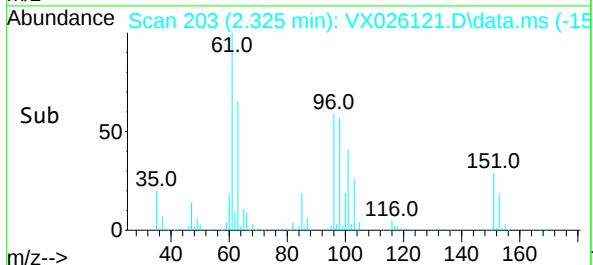
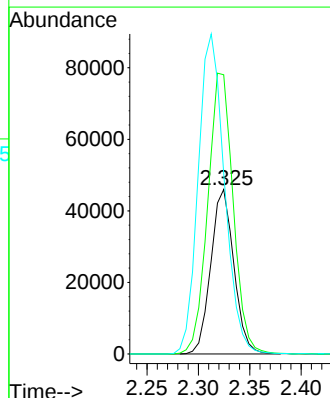
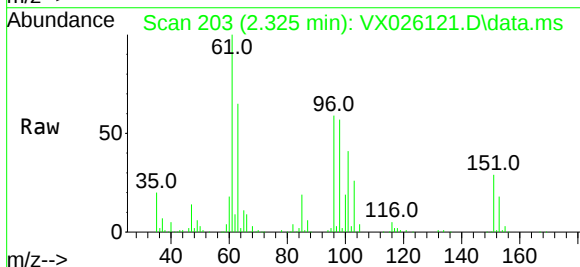
RT: 2.325 min Scan# 203

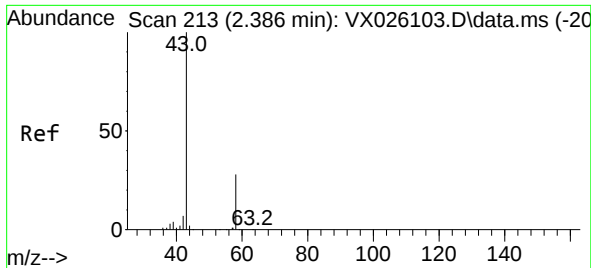
Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Tgt Ion: 96 Resp: 71691
 Ion Ratio Lower Upper
 96 100
 61 169.8 121.6 225.8
 63 109.6 86.7 161.1





#13

Acetone

Concen: 78.106 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion: 43 Resp: 78499

Ion Ratio Lower Upper

43 100

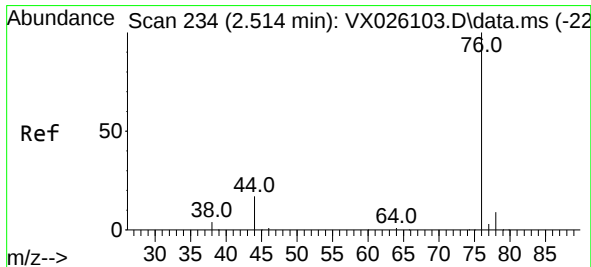
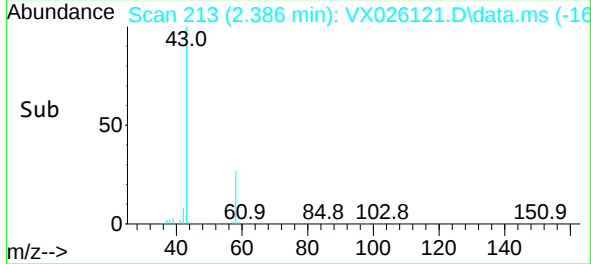
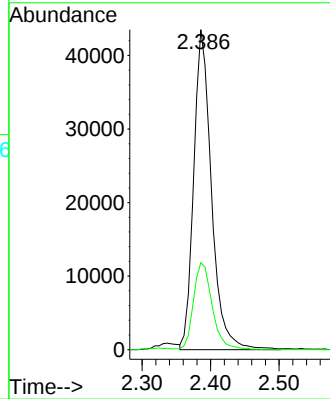
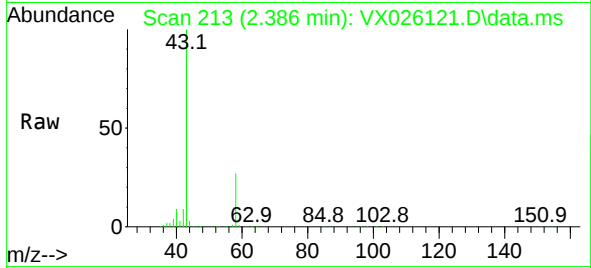
58 28.7 0.0 58.2

Manual Integrations

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#14

Carbon disulfide

Concen: 49.748 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX026121.D

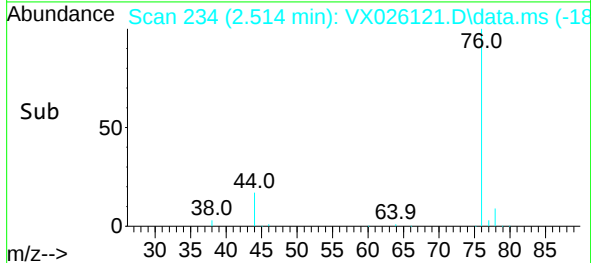
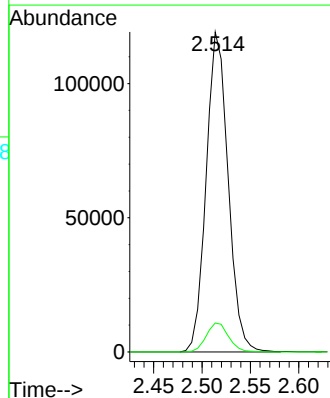
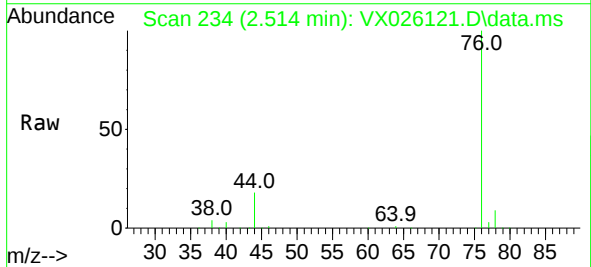
Acq: 29 Dec 2021 00:37

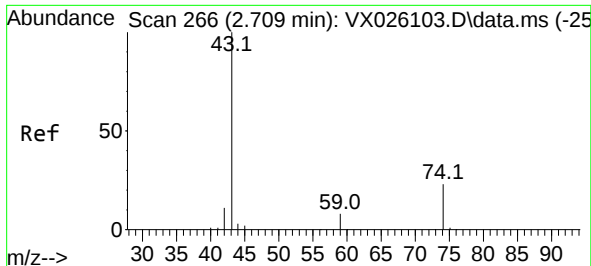
Tgt Ion: 76 Resp: 188441

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





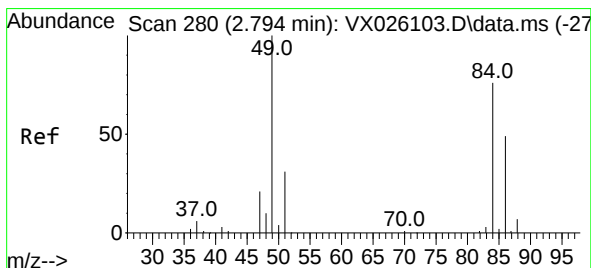
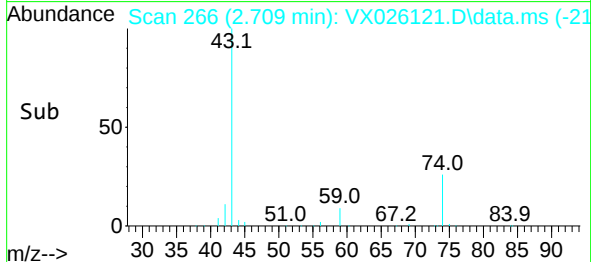
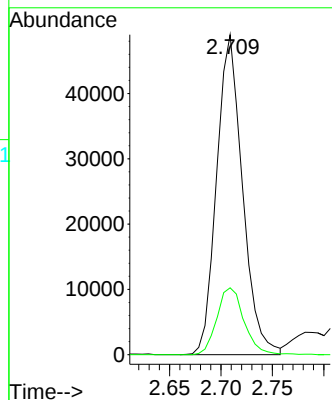
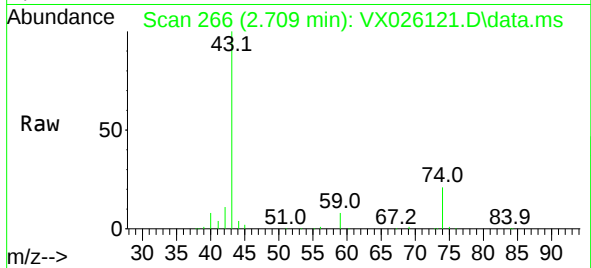
#15
Methyl Acetate
Concen: 54.196 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS

Tgt Ion: 43 Resp: 8571
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6

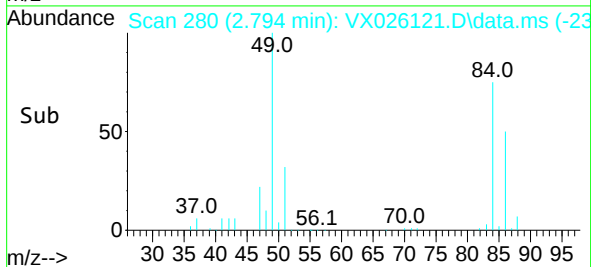
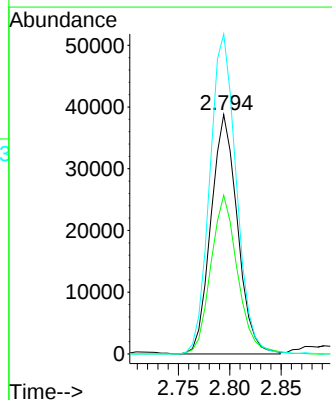
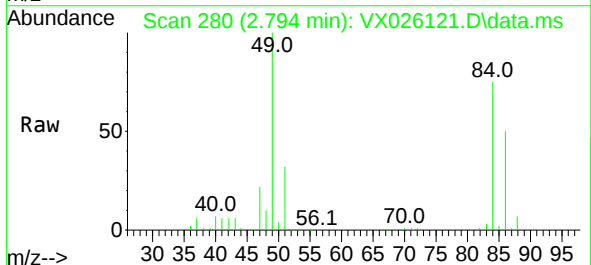
Manual Integrations
APPROVED

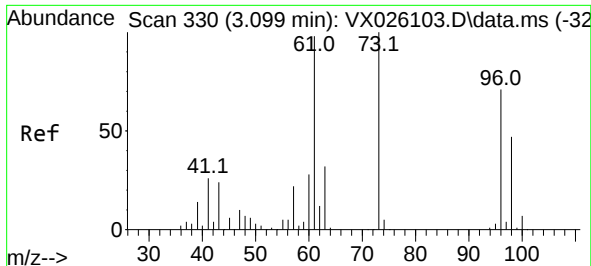
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#16
Methylene chloride
Concen: 51.704 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

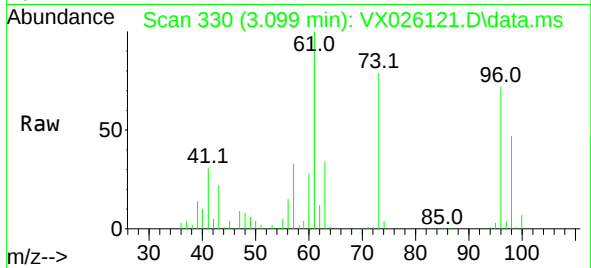
Tgt Ion: 84 Resp: 69471
Ion Ratio Lower Upper
84 100
86 66.3 44.6 82.8
49 133.7 89.6 166.4





#17
trans-1,2-Dichloroethene
Concen: 51.888 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

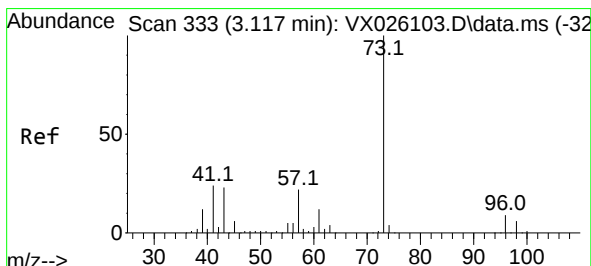
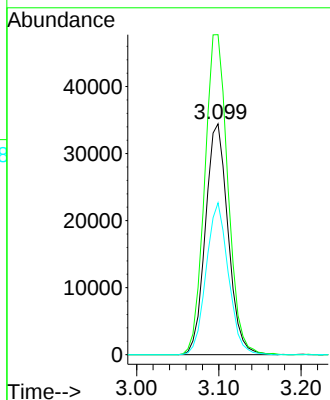
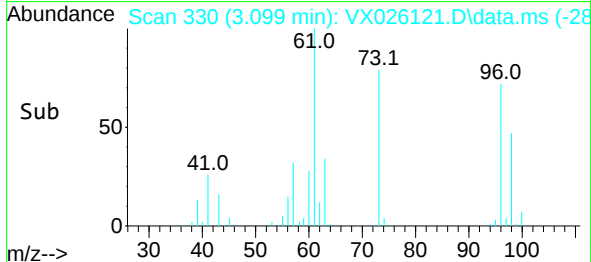
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



Tgt Ion: 96 Resp: 65892
Ion Ratio Lower Upper
96 100
61 138.6 98.6 183.2
98 65.8 44.9 83.3

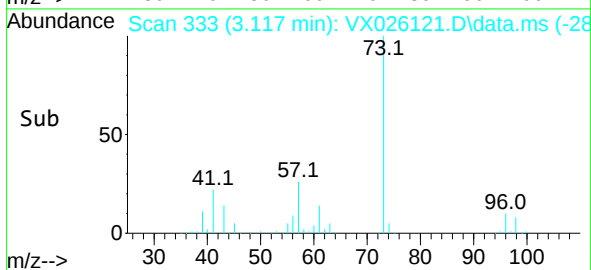
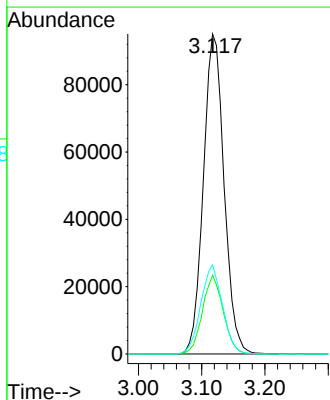
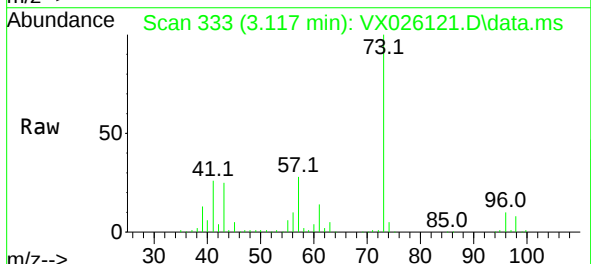
Manual Integrations
APPROVED

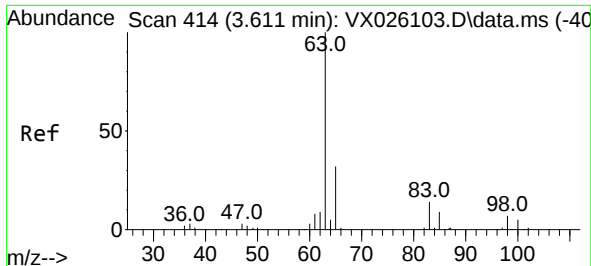
Reviewed By :John Carbone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#18
Methyl tert-butyl Ether
Concen: 53.286 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Tgt Ion: 73 Resp: 216331
Ion Ratio Lower Upper
73 100
43 24.6 17.9 26.9
57 29.1 17.8 26.6#





#19

1,1-Dichloroethane

Concen: 85.382 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion: 63 Resp: 199560

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

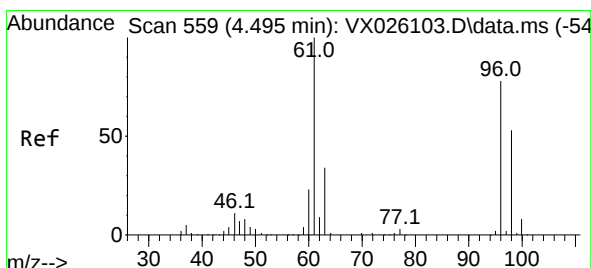
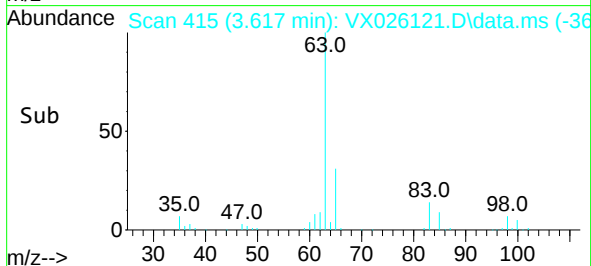
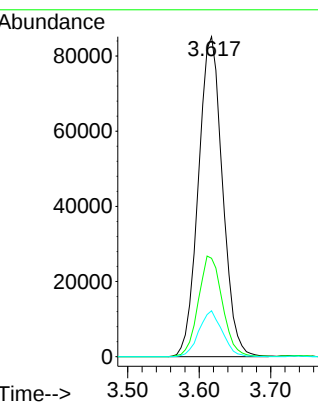
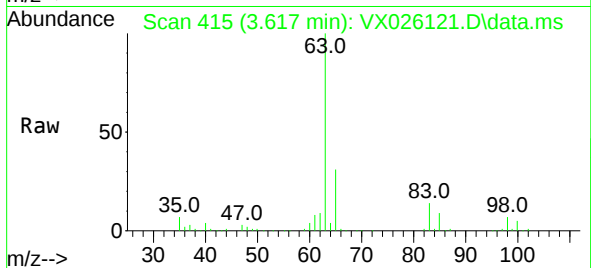
83 14.4 9.7 17.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#20

cis-1,2-Dichloroethene

Concen: 131.363 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

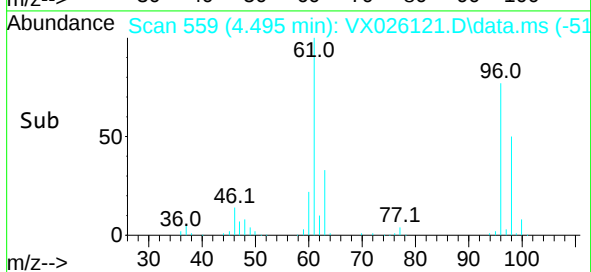
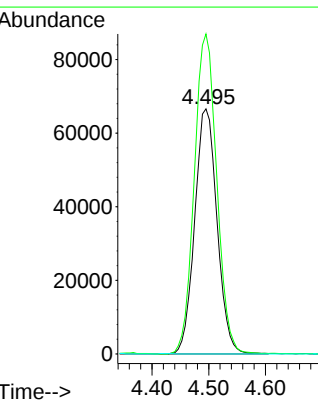
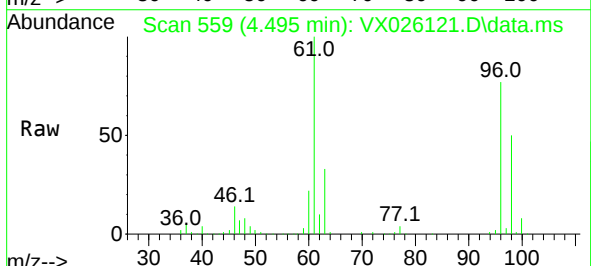
Tgt Ion: 96 Resp: 182559

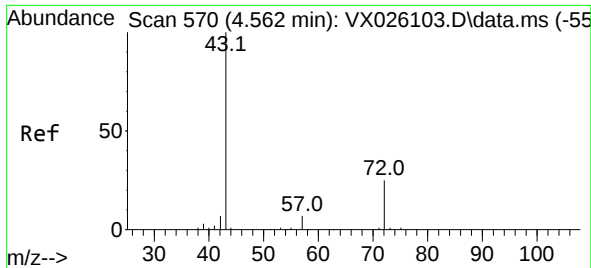
Ion Ratio Lower Upper

96 100

61 130.6 88.8 165.0

68 0.0 0.0 0.0





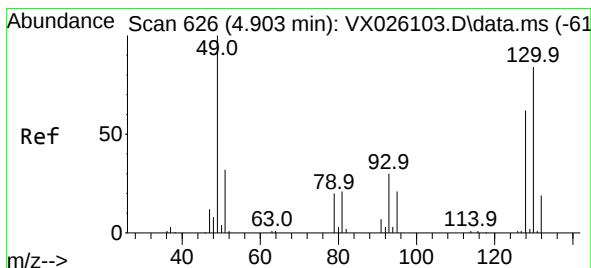
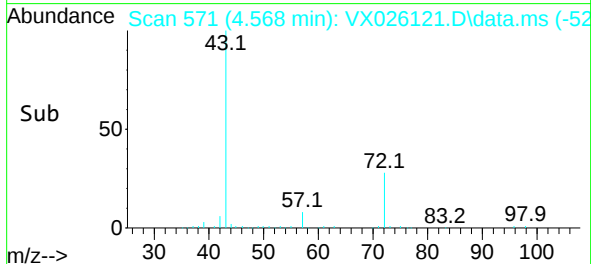
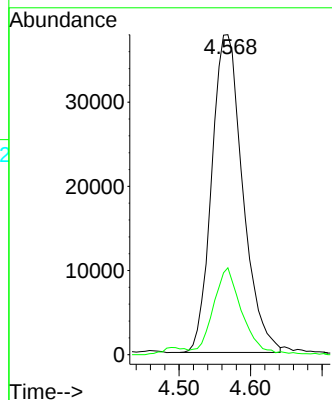
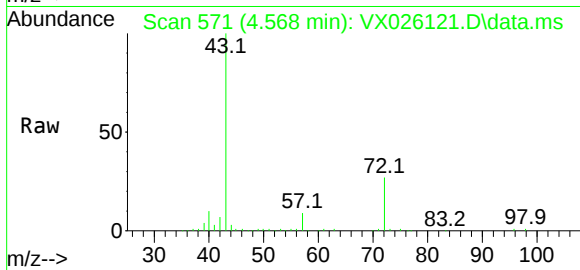
#22
2-Butanone
Concen: 86.059 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS

Tgt Ion: 43 Resp: 11380
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.1

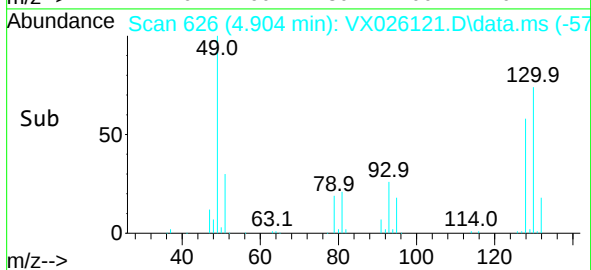
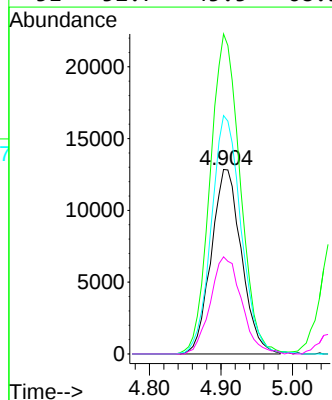
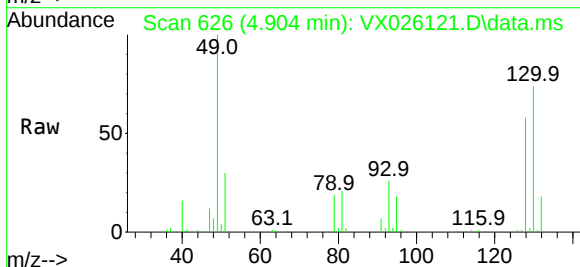
Manual Integrations
APPROVED

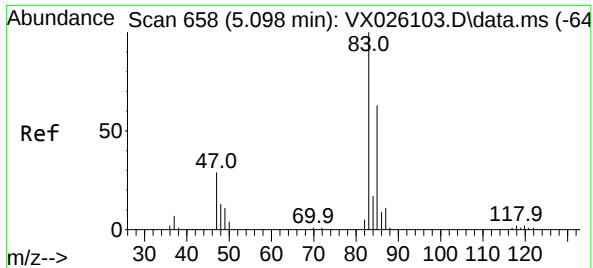
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#23
Bromochloromethane
Concen: 53.413 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Tgt Ion:128 Resp: 37654
Ion Ratio Lower Upper
128 100
49 173.5 119.8 222.4
130 129.2 89.2 165.6
51 52.7 45.5 68.3





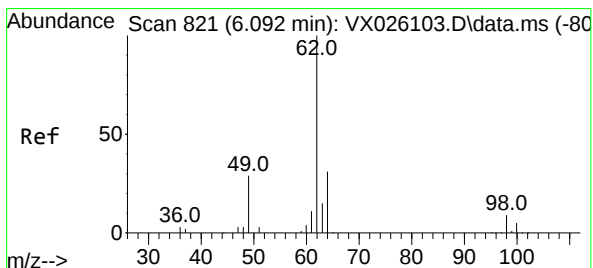
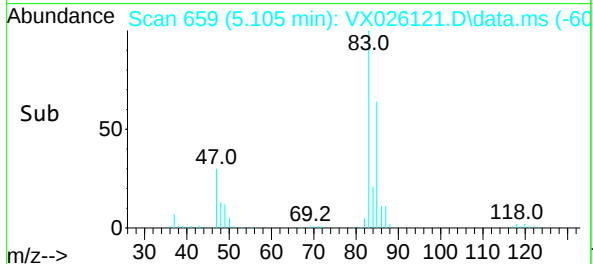
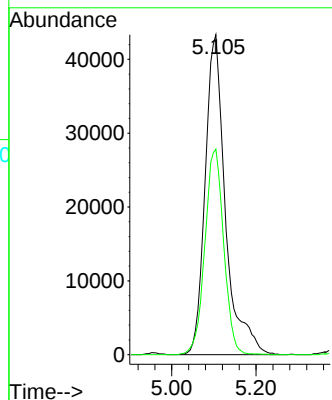
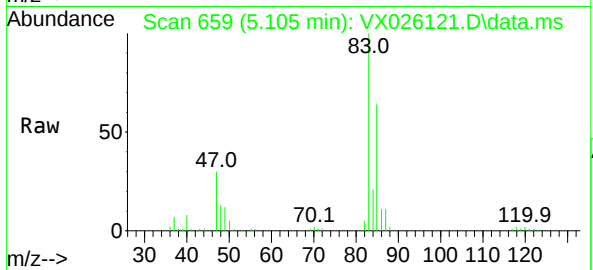
#25
Chloroform
Concen: 60.405 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS

Tgt Ion: 83 Resp: 14517
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7

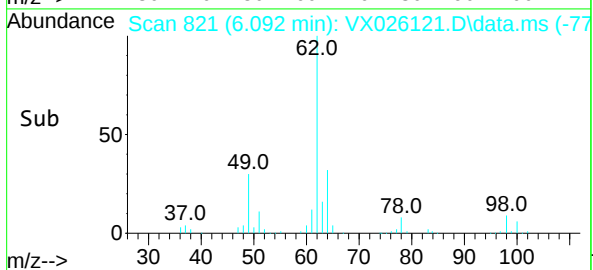
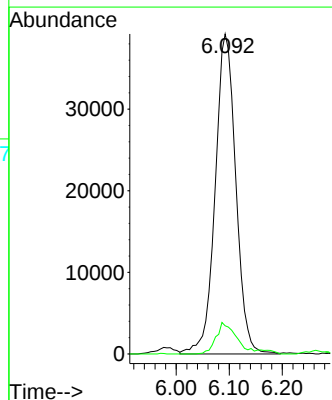
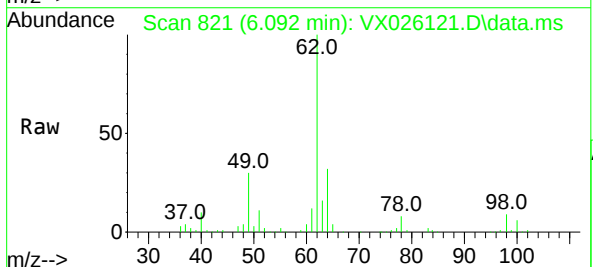
Manual Integrations
APPROVED

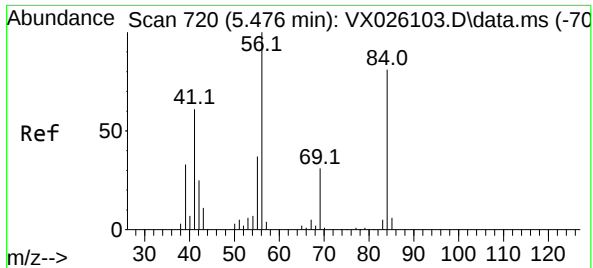
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#27
1,2-Dichloroethane
Concen: 54.356 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

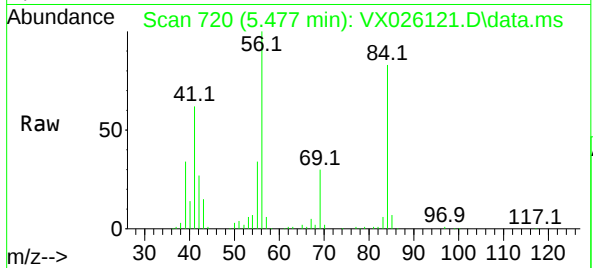
Tgt Ion: 62 Resp: 106120
Ion Ratio Lower Upper
62 100
98 8.8 8.1 12.1





#29
Cyclohexane
Concen: 65.364 ug/L
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

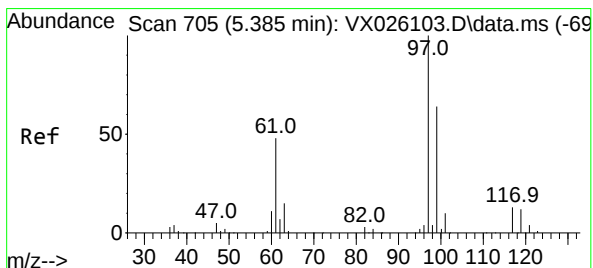
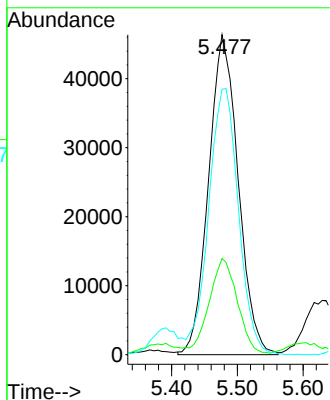
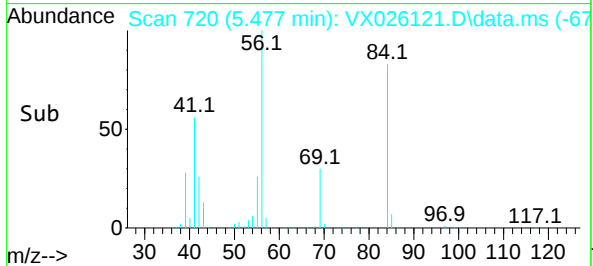
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



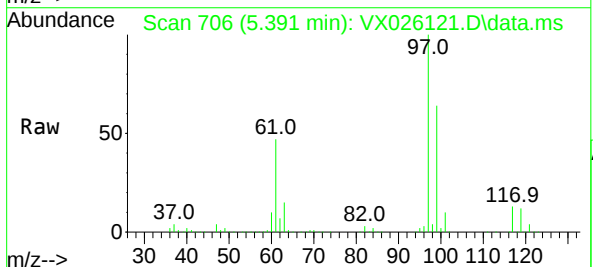
Tgt Ion: 56 Resp: 14538
Ion Ratio Lower Upper
56 100
69 27.7 23.9 35.9
84 83.6 69.4 104.2

Manual Integrations
APPROVED

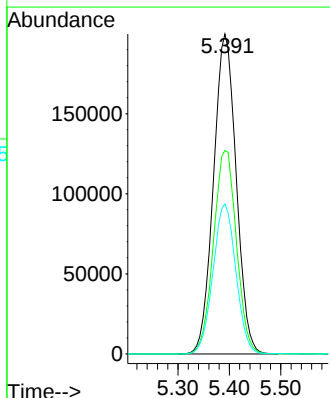
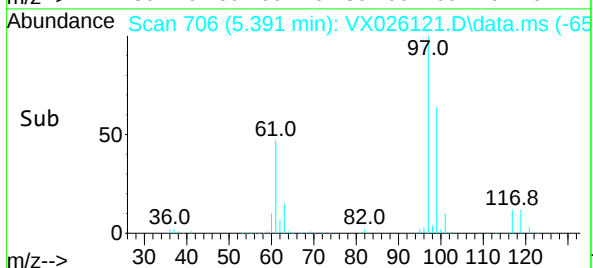
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

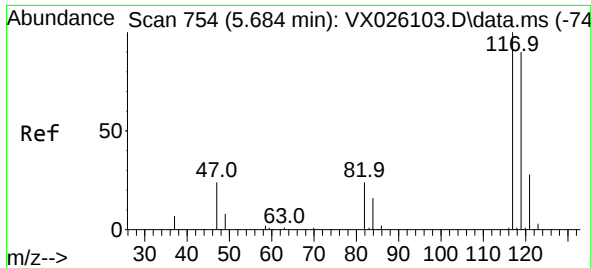


#30
1,1,1-Trichloroethane
Concen: 285.116 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



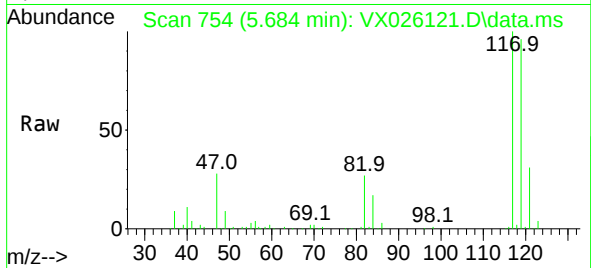
Tgt Ion: 97 Resp: 613477
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 47.2 38.3 57.5





#31
Carbon tetrachloride
Concen: 51.413 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

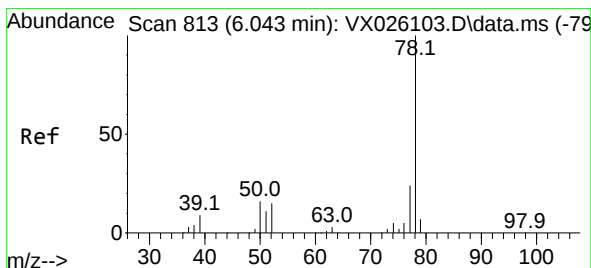
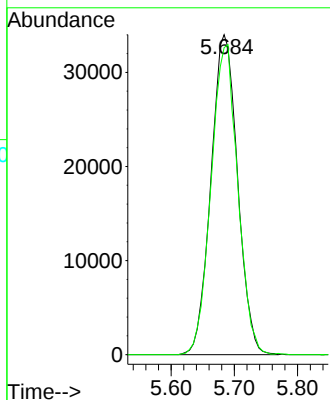
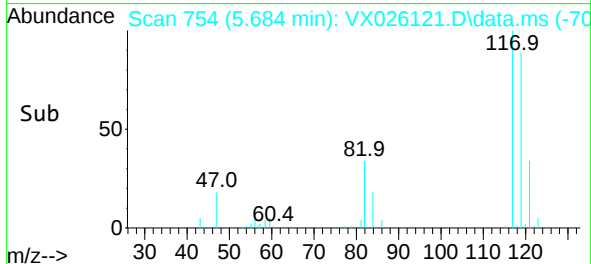
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



Tgt Ion:117 Resp: 9950
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1

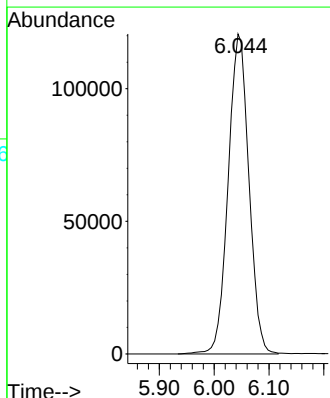
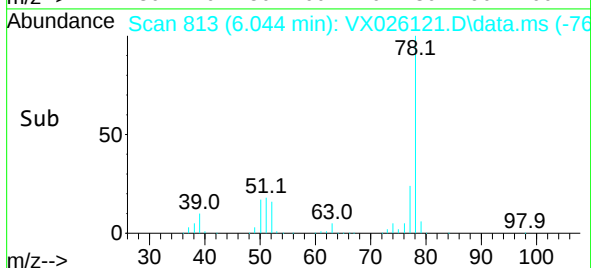
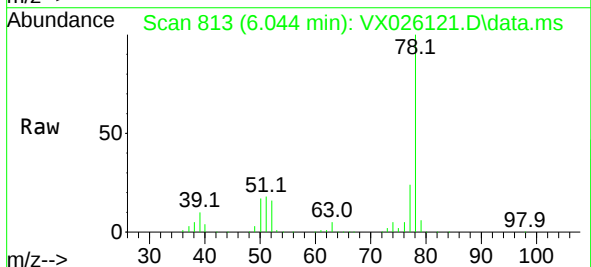
Manual Integrations
APPROVED

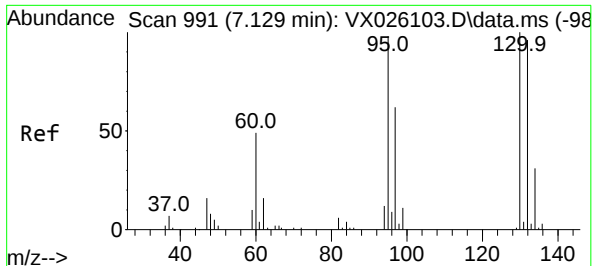
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#33
Benzene
Concen: 60.691 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

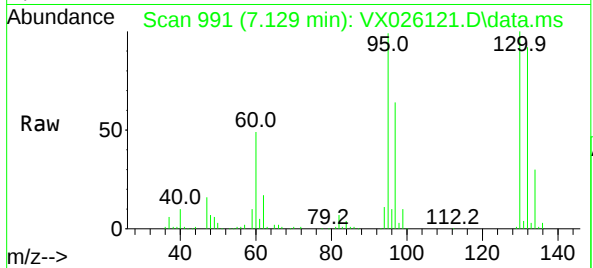
Tgt Ion: 78 Resp: 316696





#34
Trichloroethene
Concen: 53.686 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

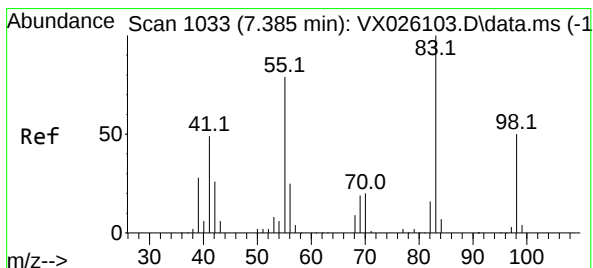
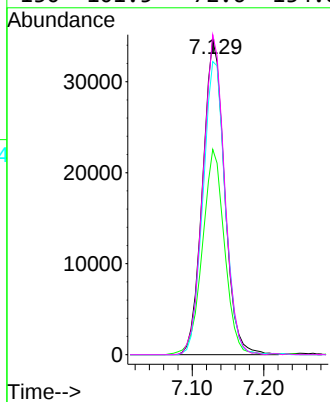
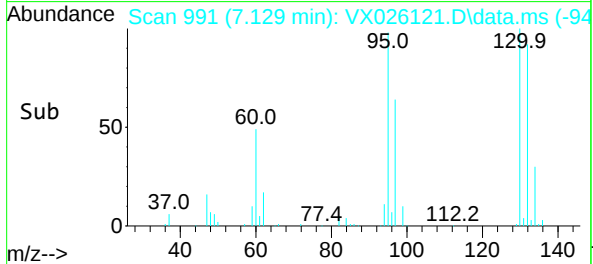
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



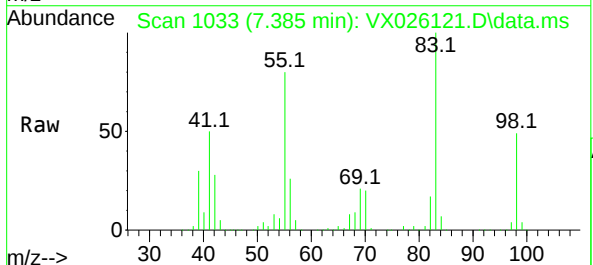
Tgt Ion: 95 Resp: 7376
Ion Ratio Lower Upper
95 100
97 65.1 46.3 85.9
132 92.9 68.7 127.7
130 101.5 72.6 134.8

Manual Integrations
APPROVED

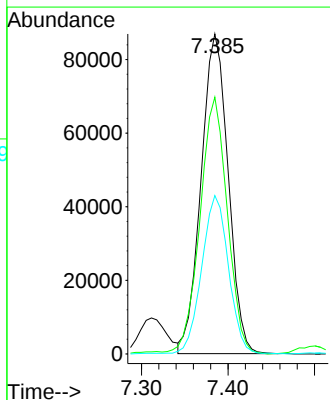
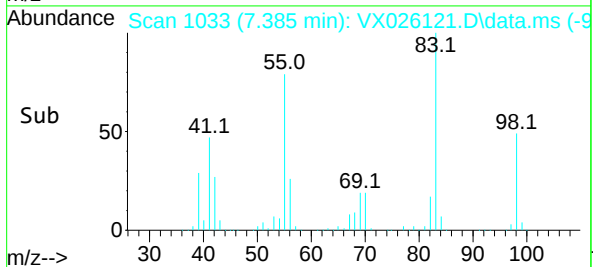
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

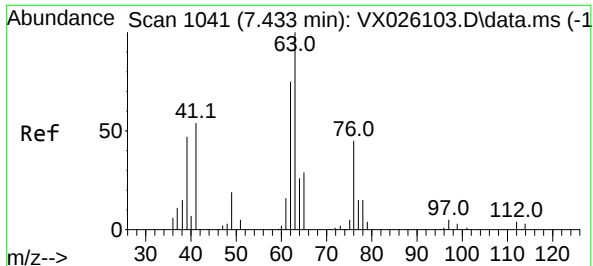


#35
Methylcyclohexane
Concen: 89.123 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion: 83 Resp: 188862
Ion Ratio Lower Upper
83 100
55 81.3 62.9 94.3
98 48.6 40.6 61.0





#37

1,2-Dichloropropane

Concen: 51.824 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

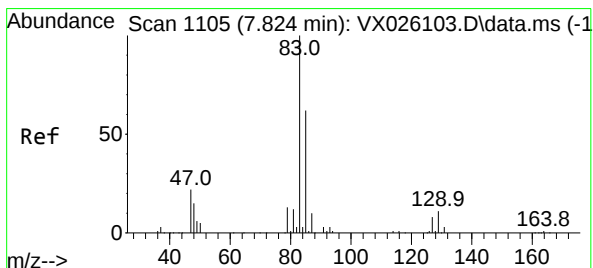
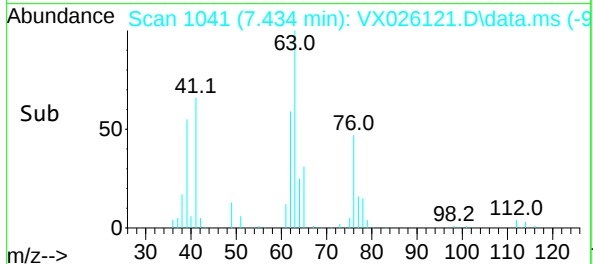
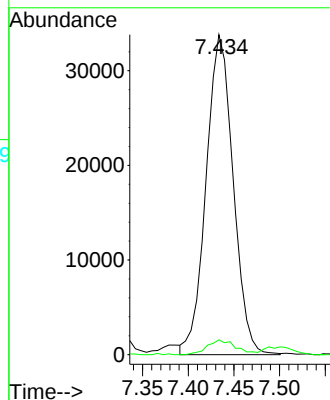
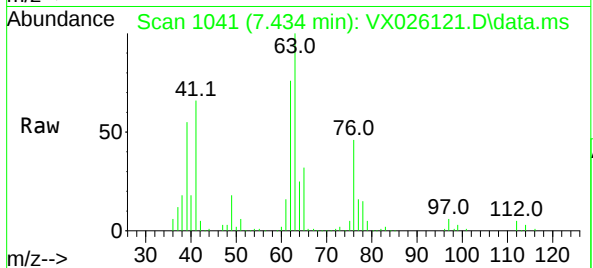
GBCC1MS

Tgt Ion: 63 Resp: 6962
 Ion Ratio Lower Upper
 63 100
 112 4.9 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#38

Bromodichloromethane

Concen: 52.360 ug/L

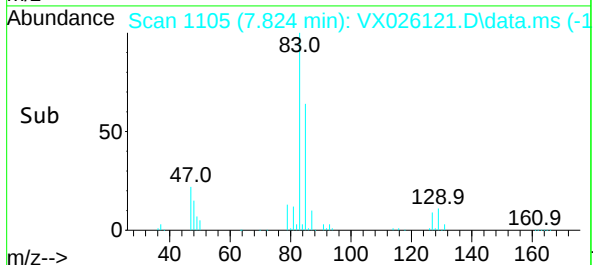
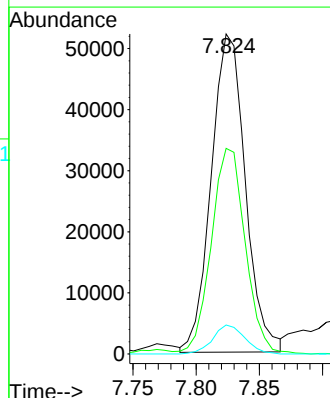
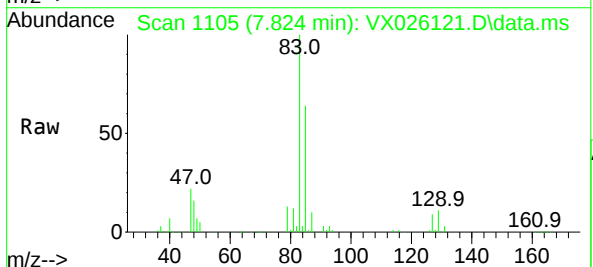
RT: 7.824 min Scan# 1105

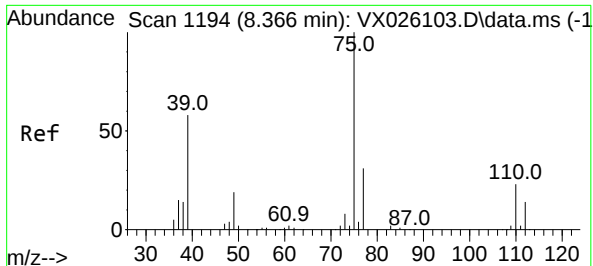
Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Tgt Ion: 83 Resp: 97726
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.8 83.2
 127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 52.251 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion: 75 Resp: 10824

Ion Ratio Lower Upper

75 100

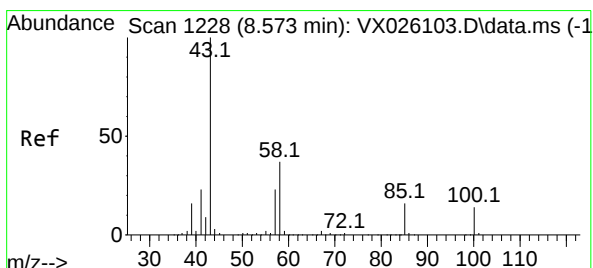
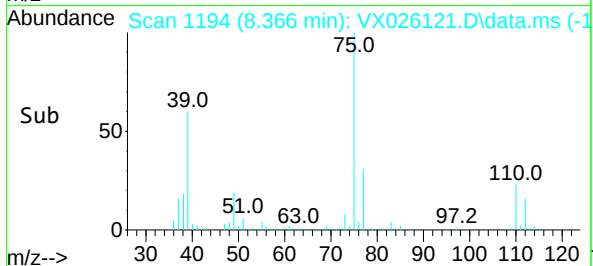
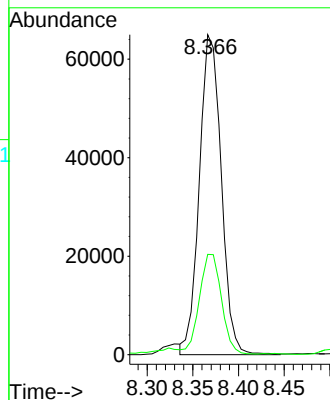
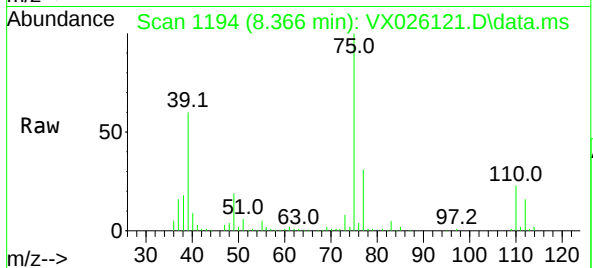
77 31.4 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#40

4-Methyl-2-pentanone

Concen: 106.689 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

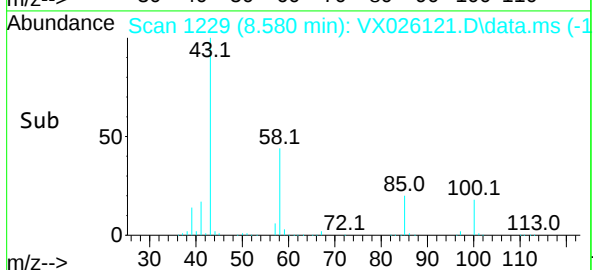
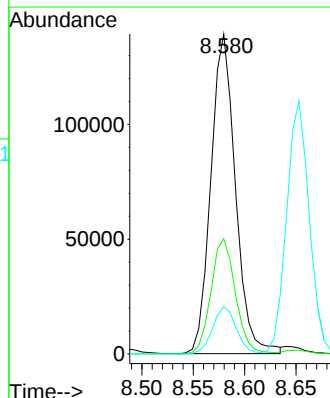
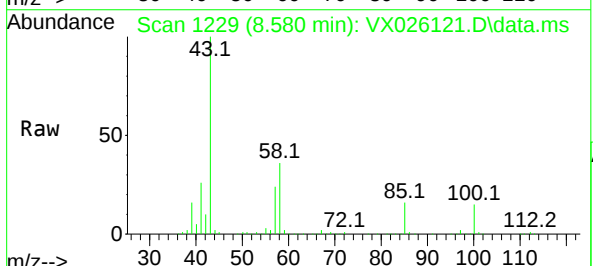
Tgt Ion: 43 Resp: 231267

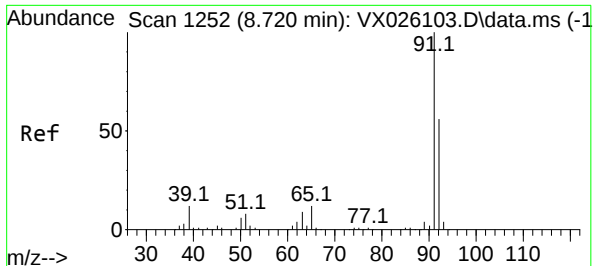
Ion Ratio Lower Upper

43 100

58 35.8 29.5 44.3

100 14.2 11.6 17.4





#42

Toluene

Concen: 383.095 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion: 91 Resp: 2129249

Ion Ratio Lower Upper

91 100

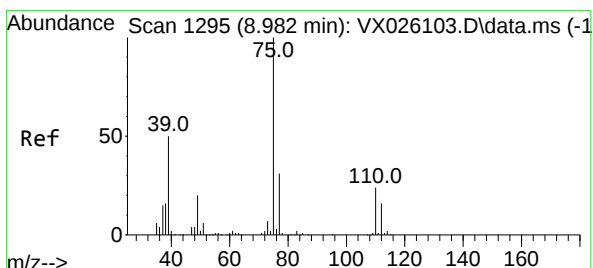
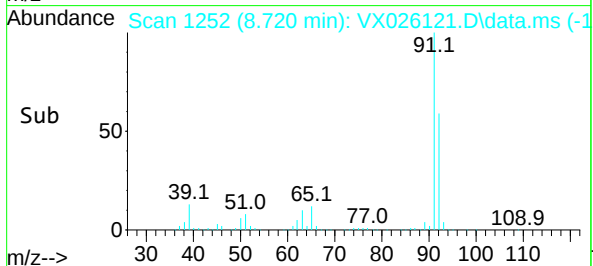
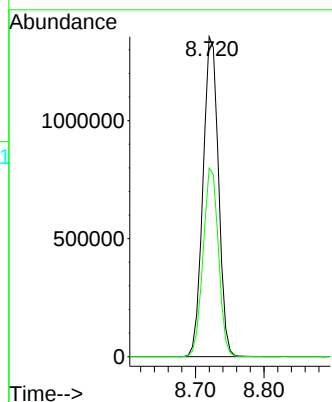
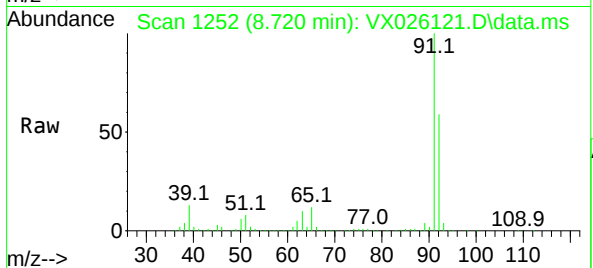
92 58.9 40.1 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#44

trans-1,3-Dichloropropene

Concen: 52.722 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026121.D

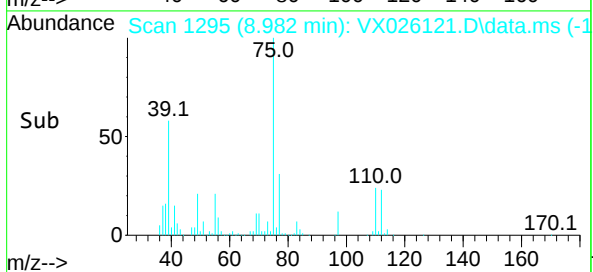
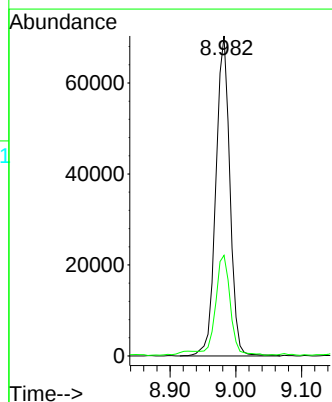
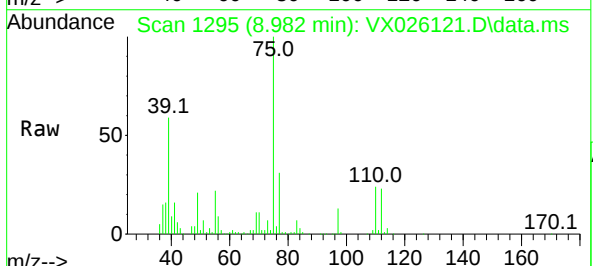
Acq: 29 Dec 2021 00:37

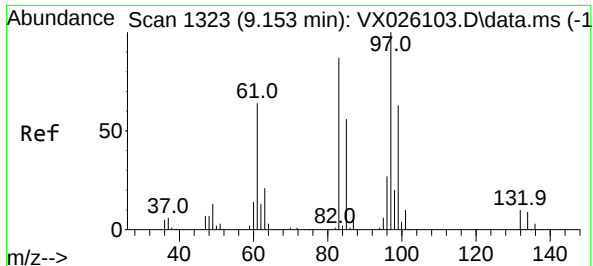
Tgt Ion: 75 Resp: 104648

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 51.031 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

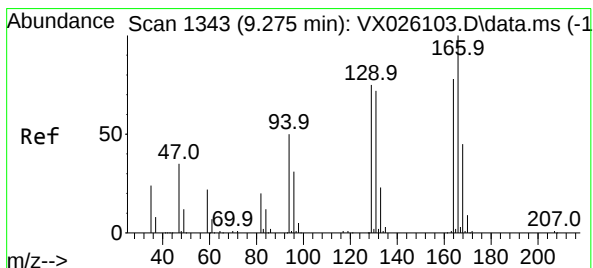
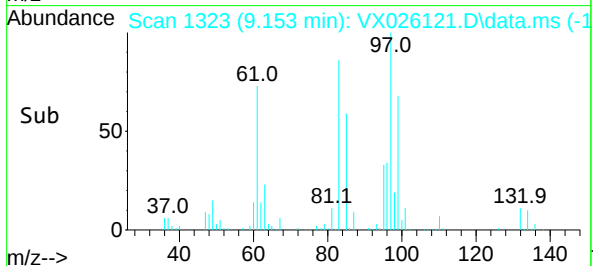
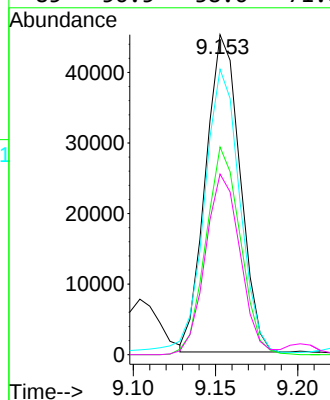
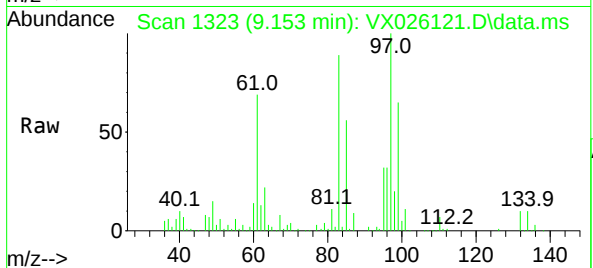
Tgt Ion: 97	Resp: 65409
Ion Ratio	Lower Upper
97 100	
99 64.9	43.2 80.2
83 89.2	60.3 111.9
85 56.5	38.6 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#46

Tetrachloroethene

Concen: 66.507 ug/L

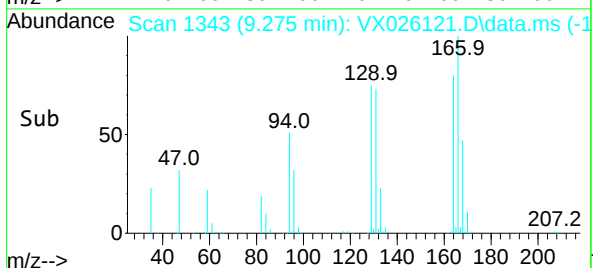
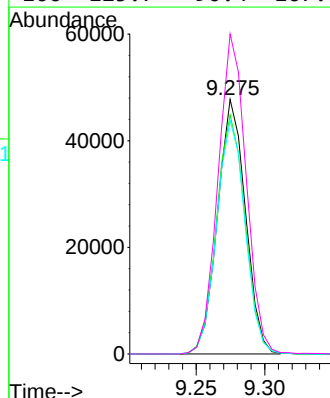
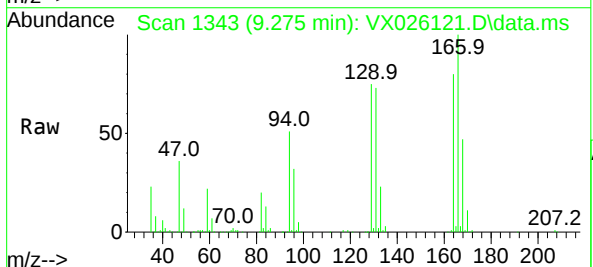
RT: 9.275 min Scan# 1343

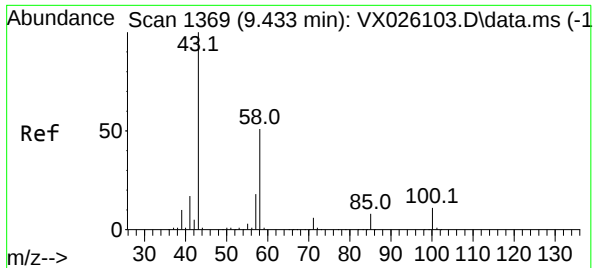
Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

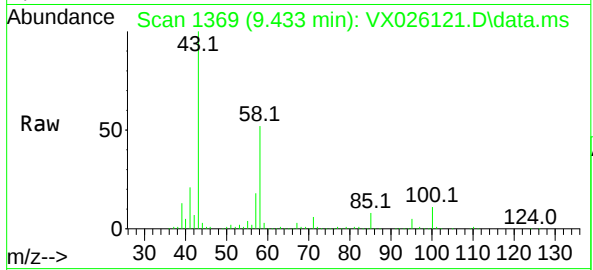
Tgt Ion: 164	Resp: 67546
Ion Ratio	Lower Upper
164 100	
129 94.0	66.3 123.1
131 91.8	63.6 118.0
166 125.7	90.4 167.8





#48
2-Hexanone
Concen: 94.075 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

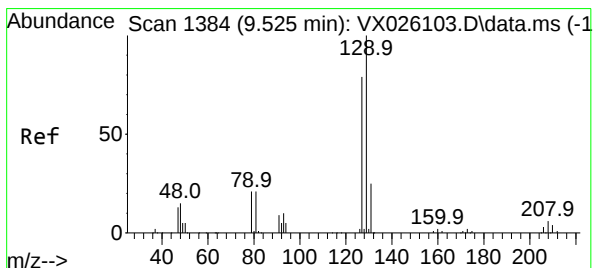
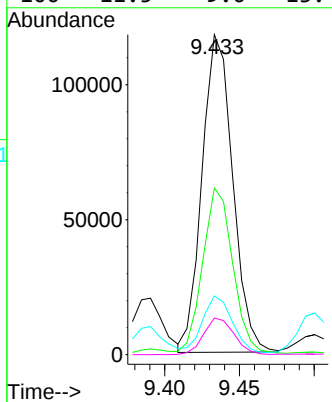
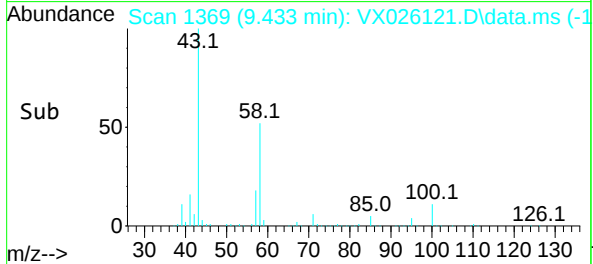
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



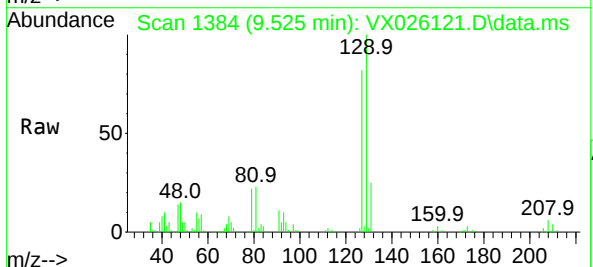
Tgt Ion: 43 Resp: 167940
Ion Ratio Lower Upper
43 100
58 52.2 40.8 61.2
57 17.6 14.3 21.5
100 11.5 9.0 13.4

Manual Integrations
APPROVED

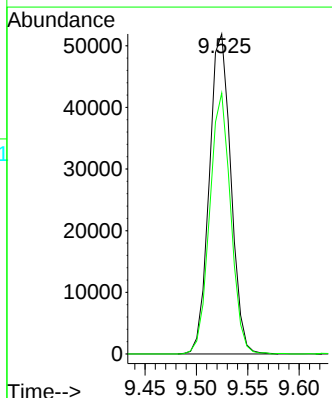
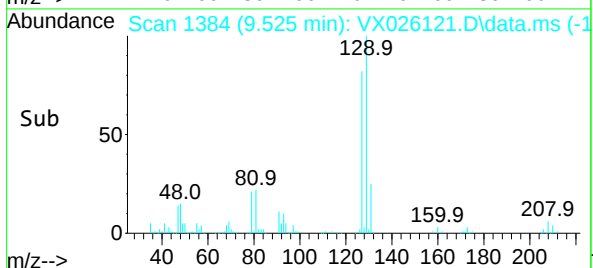
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

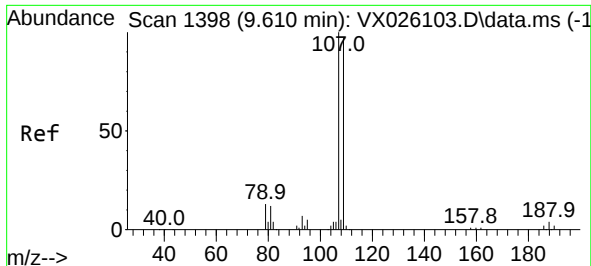


#49
Dibromochloromethane
Concen: 51.840 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion:129 Resp: 75841
Ion Ratio Lower Upper
129 100
127 81.6 54.0 100.2





#50

1,2-Dibromoethane

Concen: 52.515 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

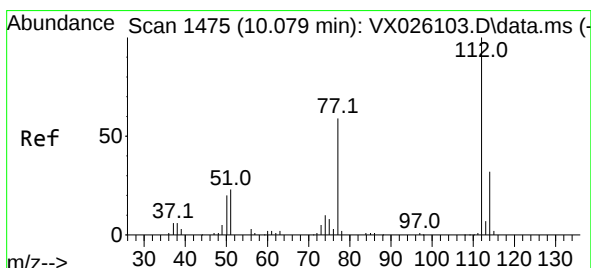
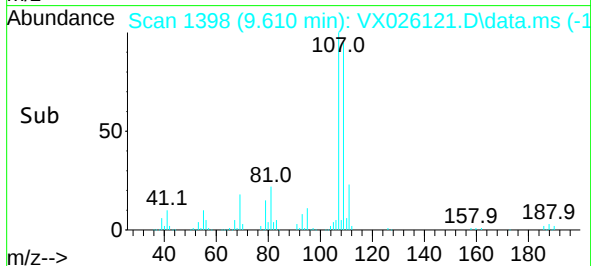
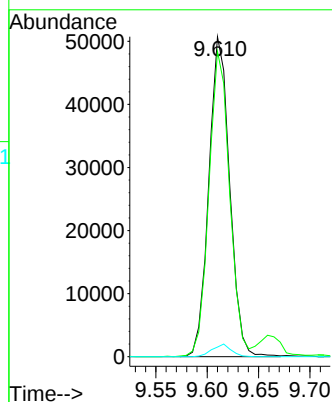
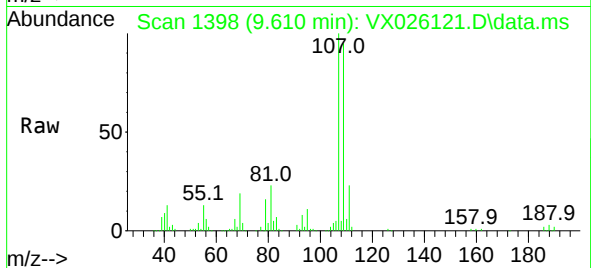
Tgt Ion:	107	Resp:	7165
Ion Ratio	Lower	Upper	
107	100		
109	95.5	63.5	117.9
188	3.0	2.9	4.3

Manual Integrations

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Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#51

Chlorobenzene

Concen: 54.138 ug/L

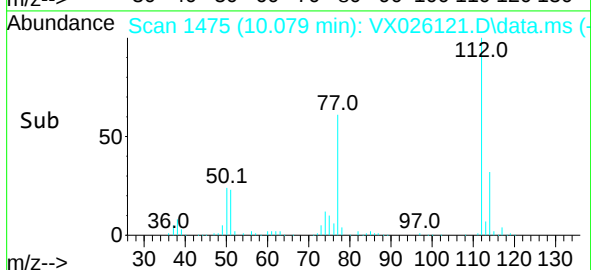
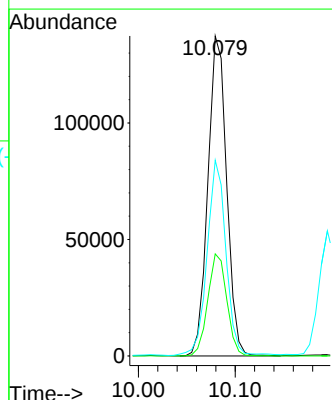
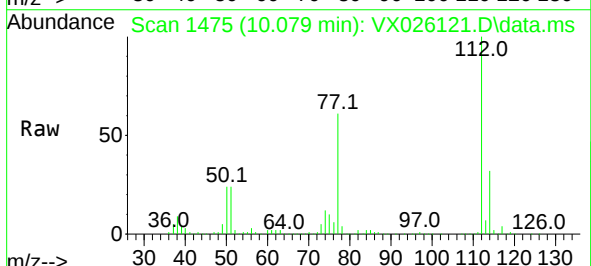
RT: 10.079 min Scan# 1475

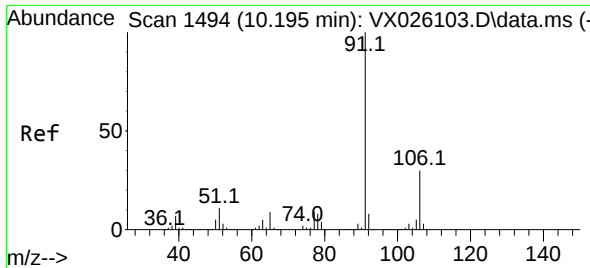
Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

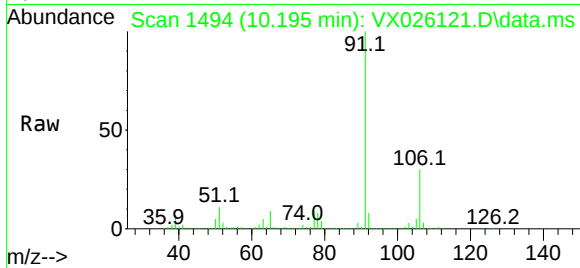
Tgt Ion:	112	Resp:	185505
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.2	41.2
77	61.1	47.8	71.8





#52
Ethylbenzene
Concen: 127.908 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

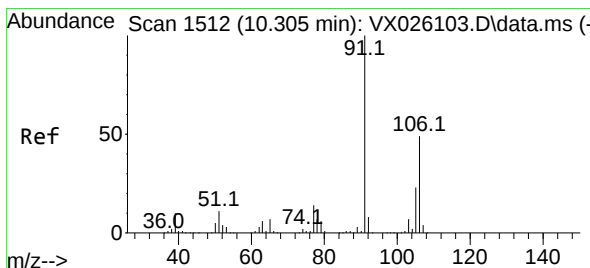
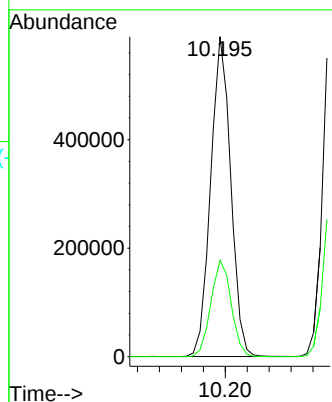
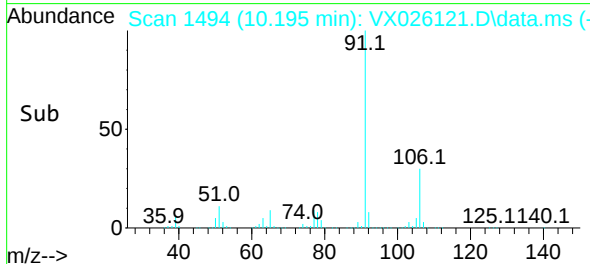
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



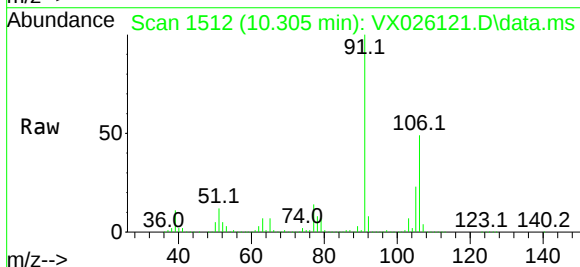
Tgt Ion: 91 Resp: 747317
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9

Manual Integrations
APPROVED

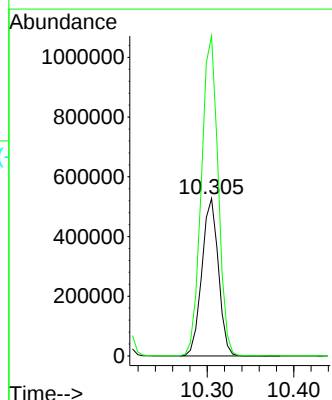
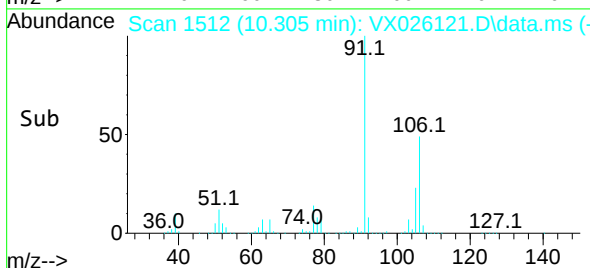
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

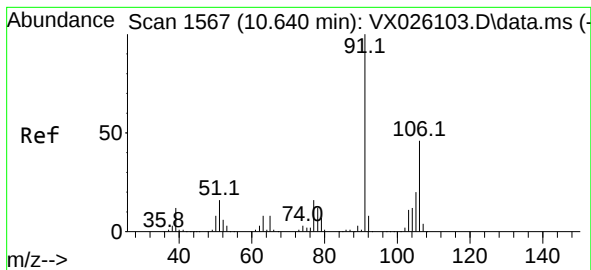


#53
m,p-Xylene
Concen: 313.130 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion:106 Resp: 698247
Ion Ratio Lower Upper
106 100
91 203.2 139.7 259.5





#54

o-Xylene

Concen: 155.589 ug/L

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion:106 Resp: 33703

Ion Ratio Lower Upper

106 100

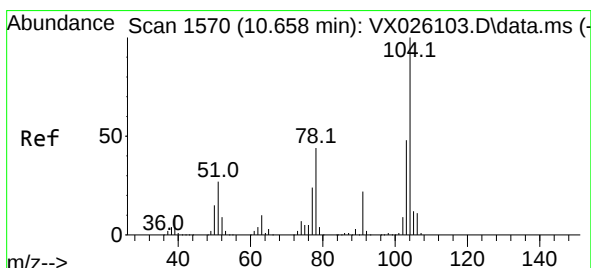
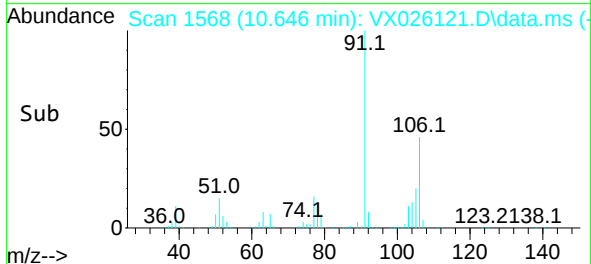
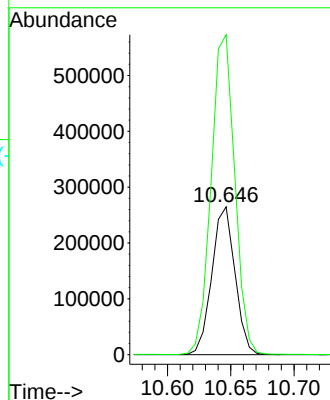
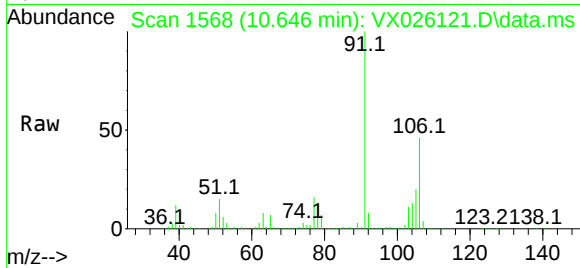
91 216.4 149.1 276.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#55

Styrene

Concen: 59.227 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX026121.D

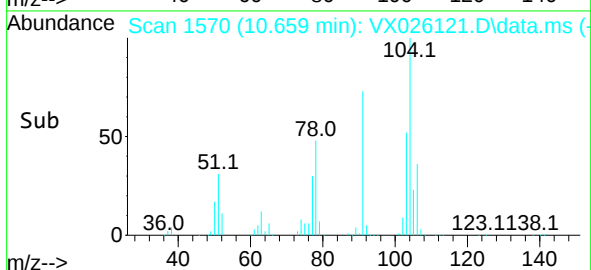
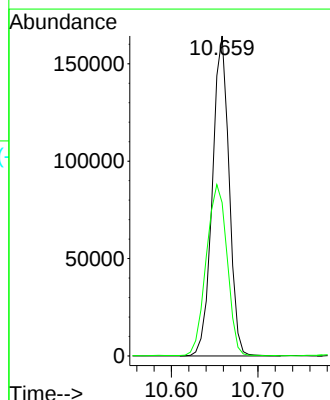
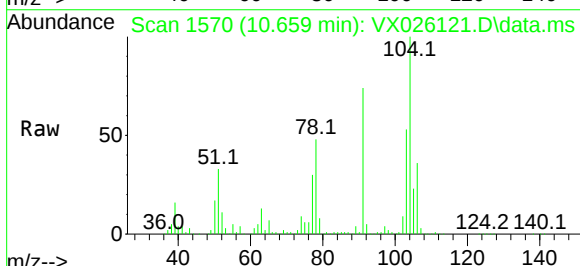
Acq: 29 Dec 2021 00:37

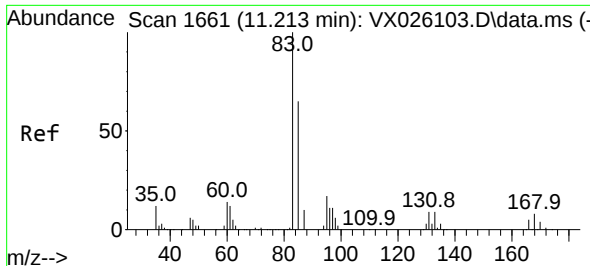
Tgt Ion:104 Resp: 220234

Ion Ratio Lower Upper

104 100

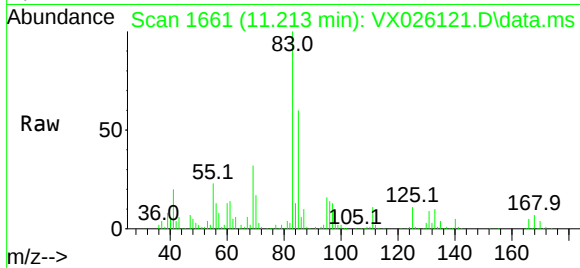
78 47.9 30.2 56.0





#57
1,1,2,2-Tetrachloroethane
Concen: 58.420 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

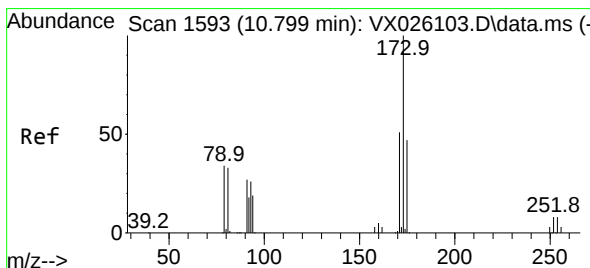
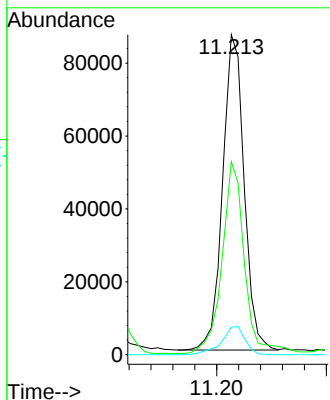
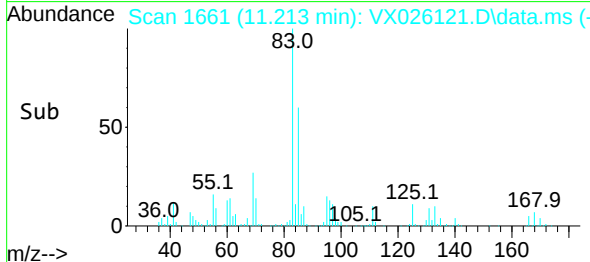
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



Tgt Ion: 83 Resp: 11760
Ion Ratio Lower Upper
83 100
85 60.3 45.5 84.5
131 8.6 7.9 11.9

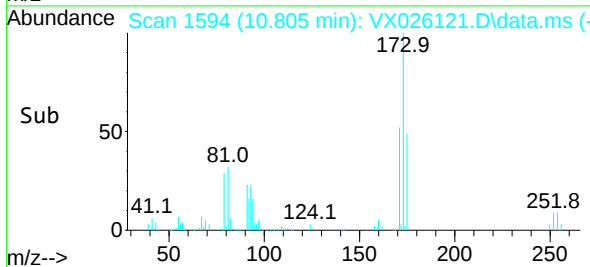
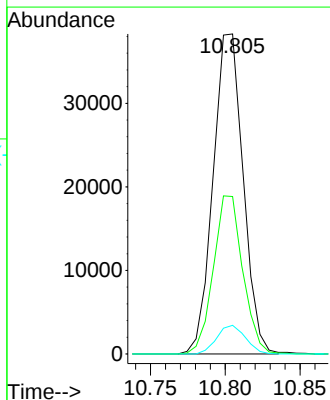
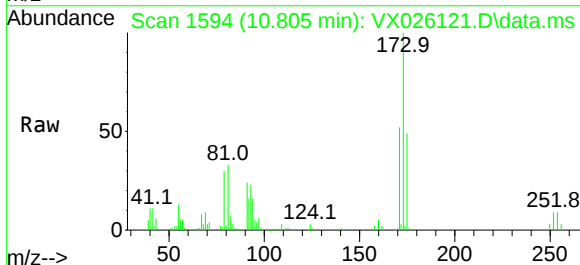
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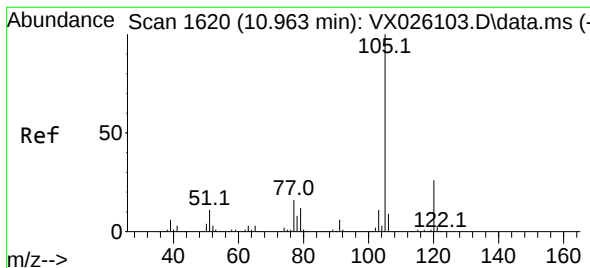
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#59
Bromoform
Concen: 49.330 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

Tgt Ion:173 Resp: 53614
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 8.6 7.0 10.6





#60

Isopropylbenzene

Concen: 64.074 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion:105 Resp: 38688

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

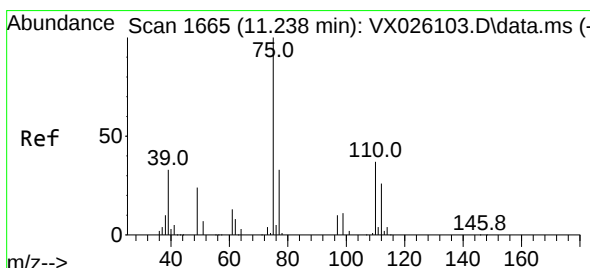
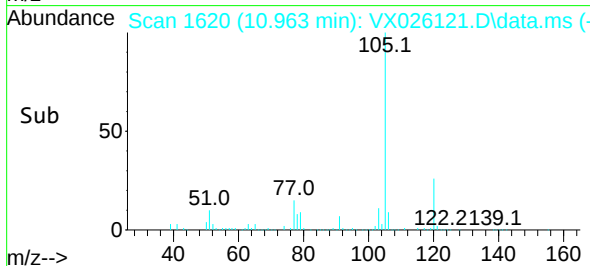
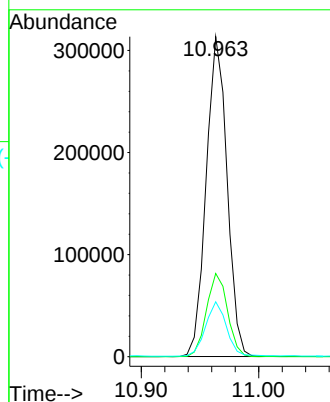
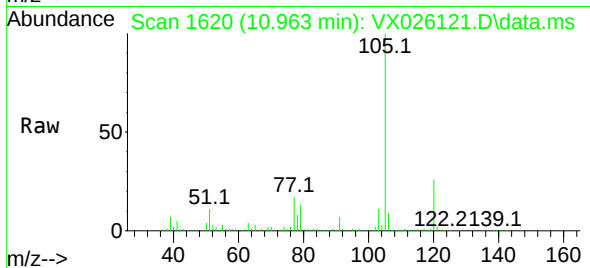
77 17.2 13.2 19.8

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Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#61

1,2,3-Trichloropropane

Concen: 51.674 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

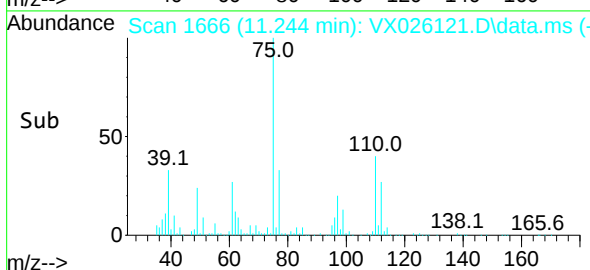
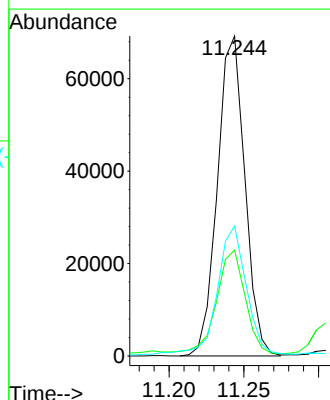
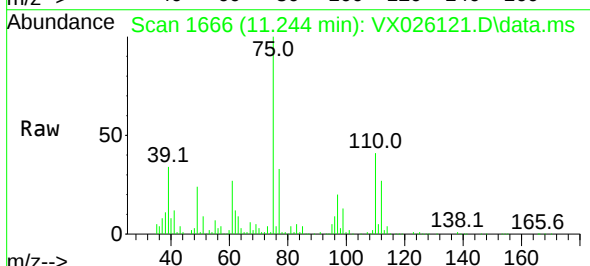
Tgt Ion: 75 Resp: 88415

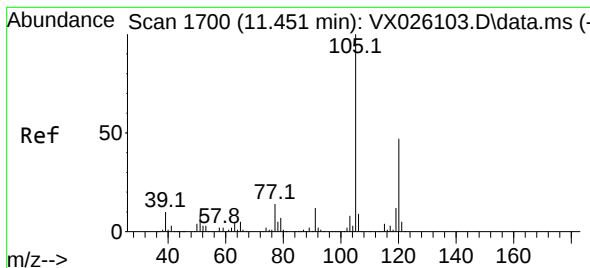
Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2

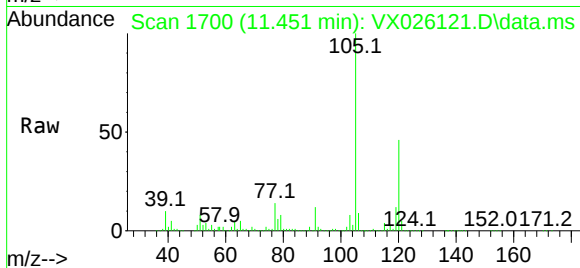
110 42.5 33.2 49.8





#62
 1,3,5-Trimethylbenzene
 Concen: 106.192 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37

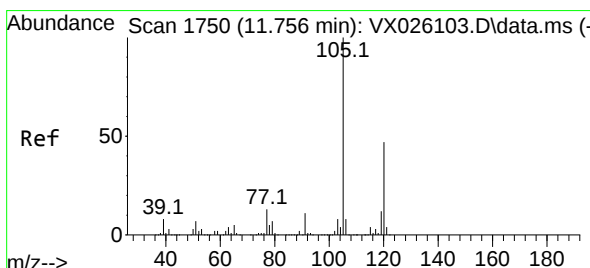
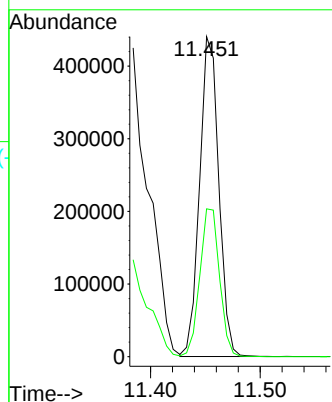
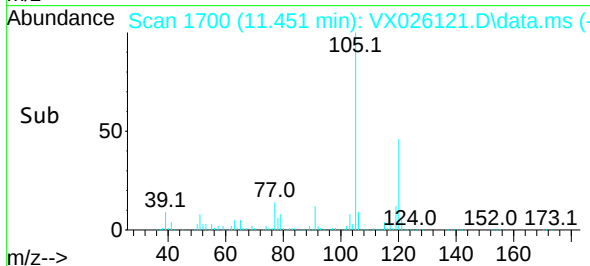
Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MS



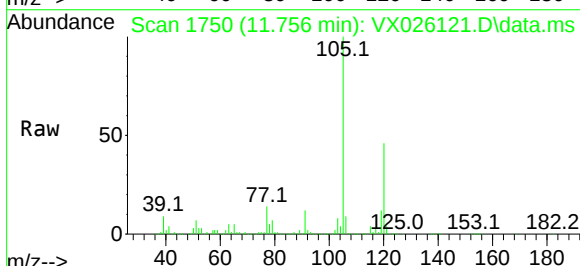
Tgt Ion:105 Resp: 53388
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.3 57.5

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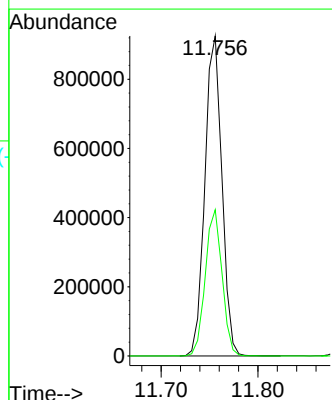
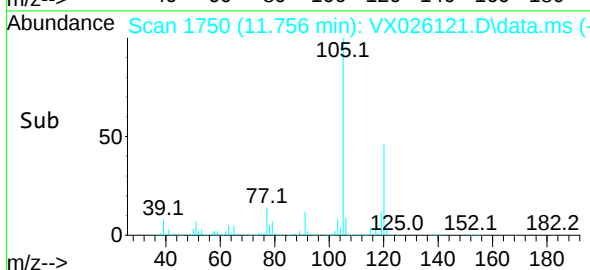
Reviewed By :John Carlone 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

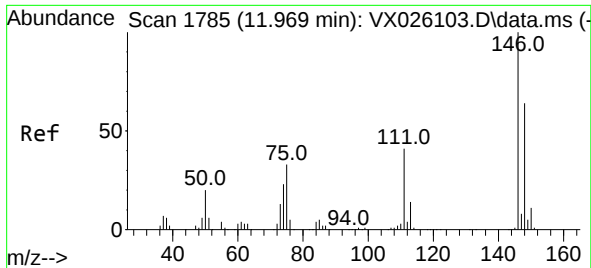


#63
 1,2,4-Trimethylbenzene
 Concen: 223.120 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37



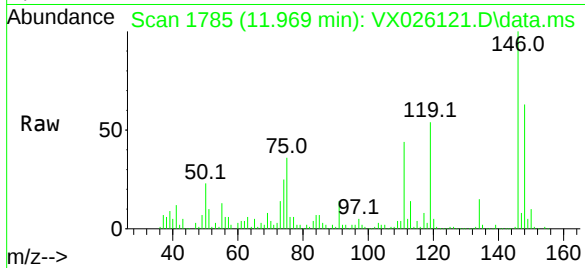
Tgt Ion:105 Resp: 1131013
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.5 54.7





#64
1,3-Dichlorobenzene
Concen: 53.999 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

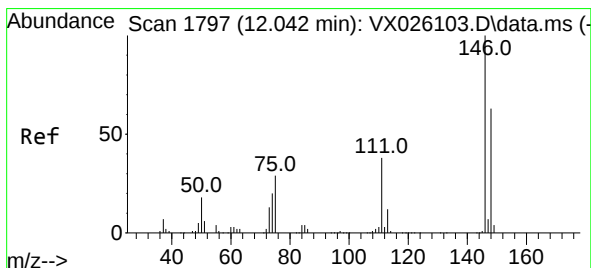
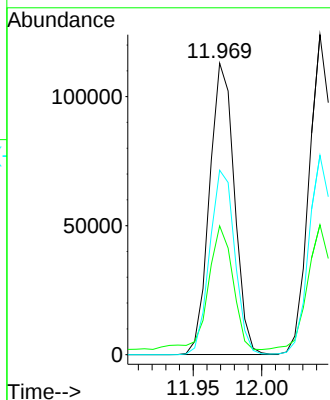
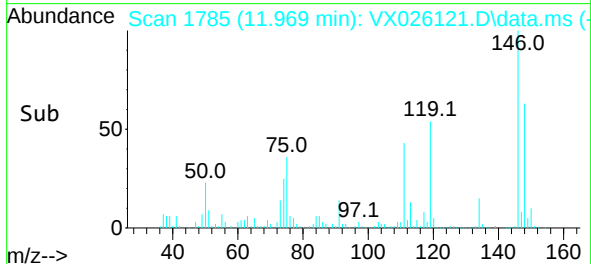
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



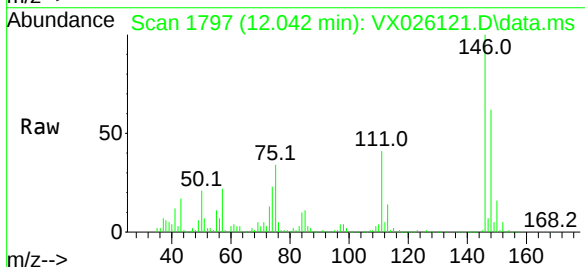
Tgt Ion:146 Resp: 142407
Ion Ratio Lower Upper
146 100
111 44.2 29.4 54.6
148 63.3 45.1 83.9

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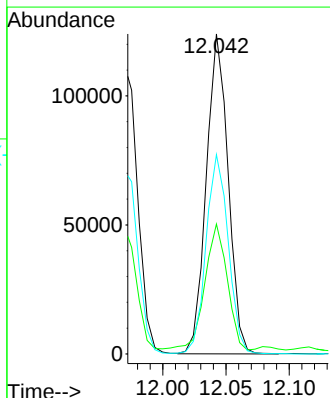
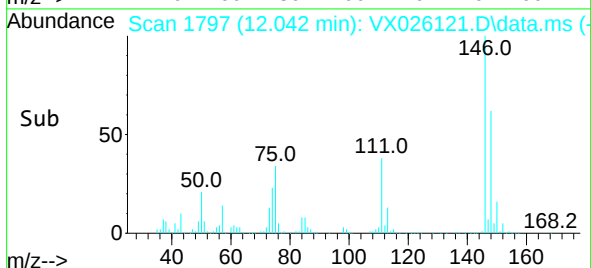
Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

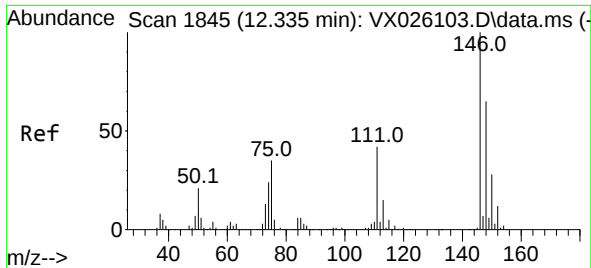


#65
1,4-Dichlorobenzene
Concen: 55.066 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion:146 Resp: 148803
Ion Ratio Lower Upper
146 100
111 40.6 27.4 51.0
148 62.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 62.997 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MS

Tgt Ion:146 Resp: 165518

Ion Ratio Lower Upper

146 100

111 44.5 33.1 49.7

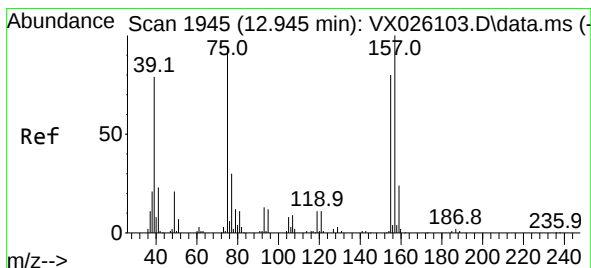
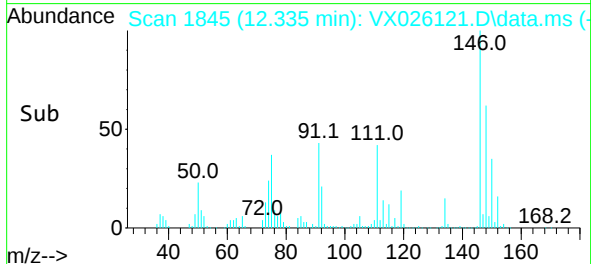
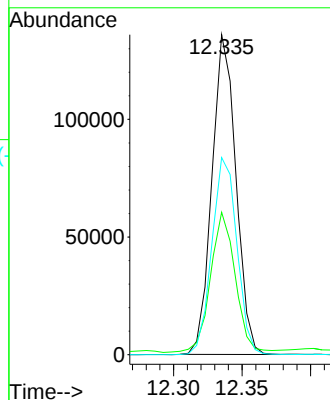
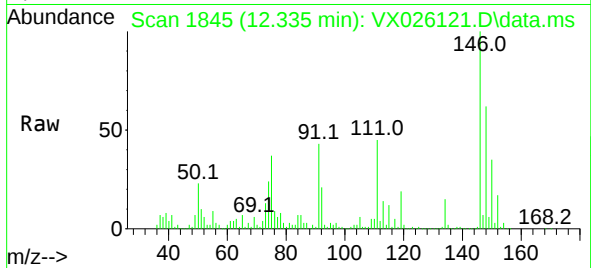
148 61.6 49.6 74.4

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Reviewed By :John Carlone 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 59.143 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026121.D

Acq: 29 Dec 2021 00:37

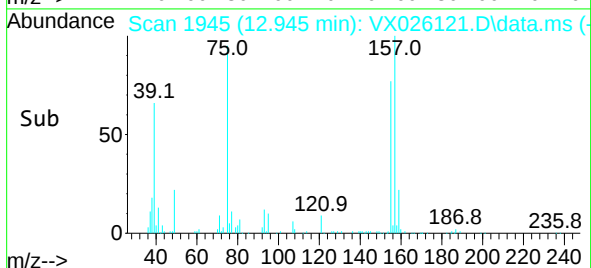
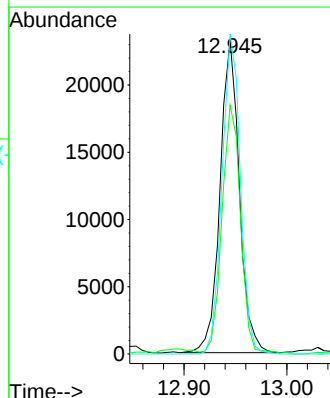
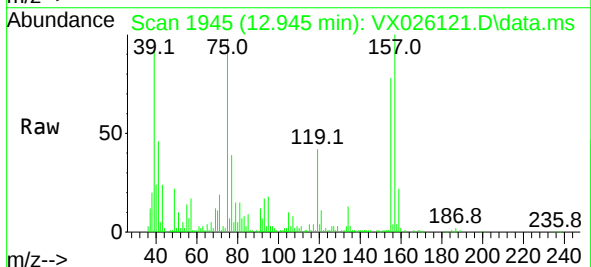
Tgt Ion: 75 Resp: 30354

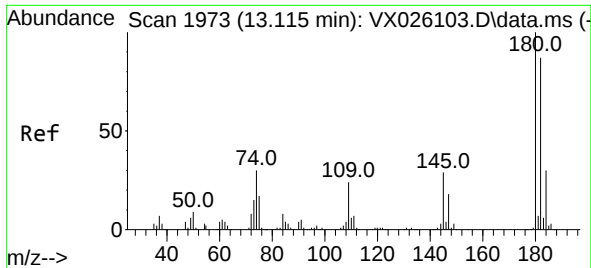
Ion Ratio Lower Upper

75 100

155 79.1 65.5 98.3

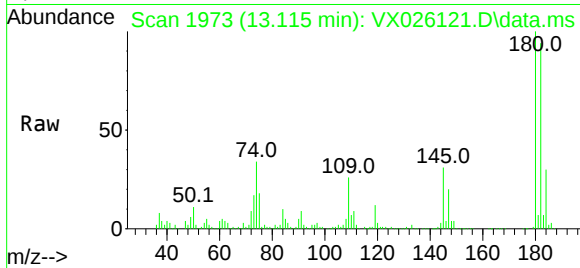
157 101.9 85.9 128.9





#69
 1,3,5-Trichlorobenzene
 Concen: 54.870 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37

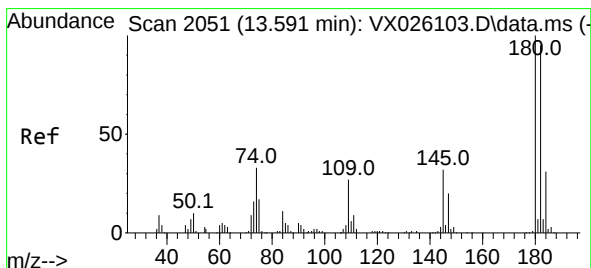
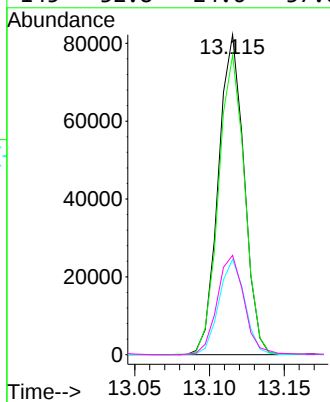
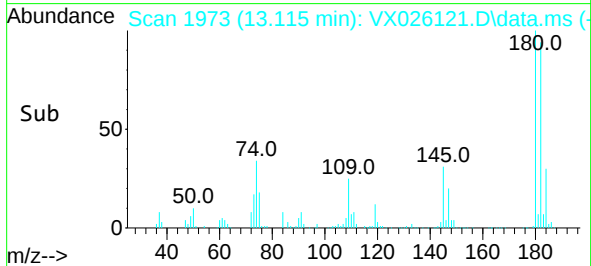
Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MS



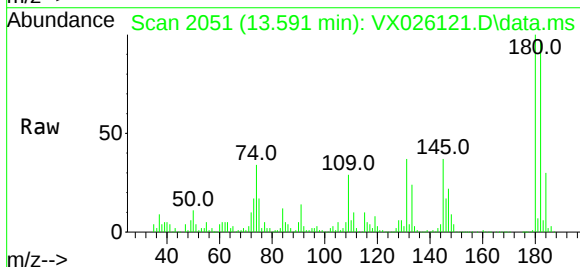
Tgt Ion:180 Resp: 98344
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.2
 184 29.9 24.1 36.1
 145 32.8 24.6 37.0

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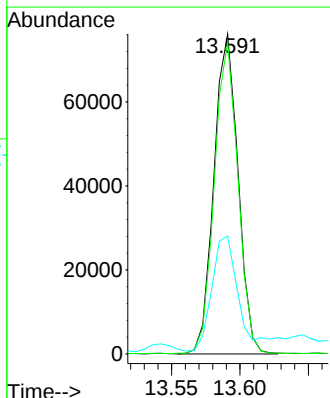
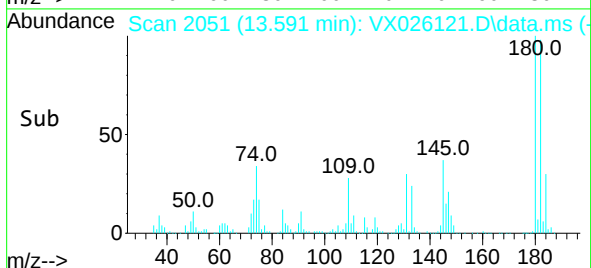
Reviewed By :John Carlone 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

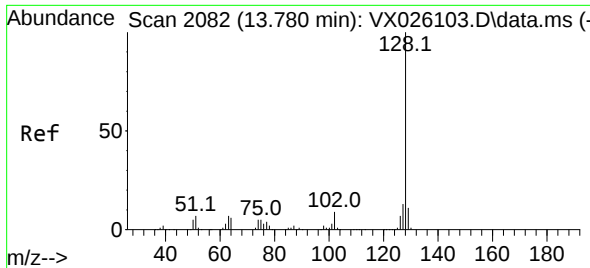


#70
 1,2,4-trichlorobenzene
 Concen: 58.009 ug/L m
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026121.D
 Acq: 29 Dec 2021 00:37



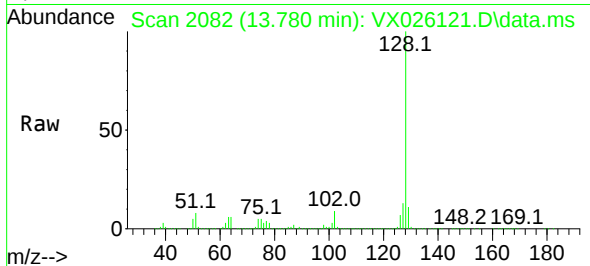
Tgt Ion:180 Resp: 93583
 Ion Ratio Lower Upper
 180 100
 182 82.8 74.8 112.2
 145 28.5 24.9 37.3





#71
Naphthalene
Concen: 100.463 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37

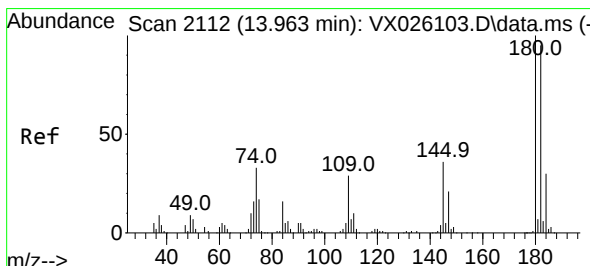
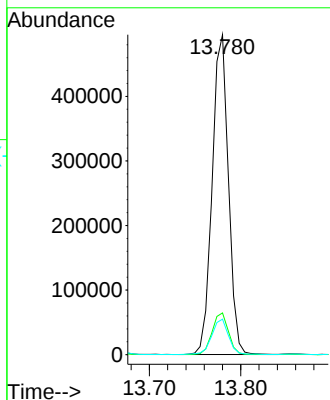
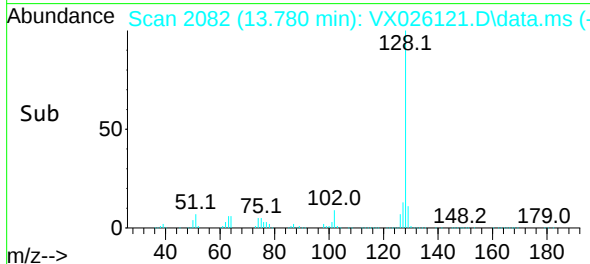
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MS



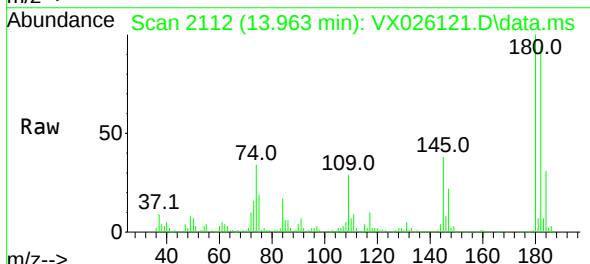
Tgt Ion:128 Resp: 609629
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.4 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#72
1,2,3-Trichlorobenzene
Concen: 58.067 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026121.D
Acq: 29 Dec 2021 00:37



Tgt Ion:180 Resp: 95056
Ion Ratio Lower Upper
180 100
182 93.3 76.6 115.0
145 36.5 26.6 39.8

