

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026090.D
 Acq On : 28 Dec 2021 02:54
 Operator : JC/MD
 Sample : M5232-03MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MSD

Quant Time: Dec 28 04:41:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	192244	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180826	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	80609	59.129	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 118.260%		
7) Chloroethane-d5	1.672	69	64221	58.946	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 117.900%		
11) 1,1-Dichloroethene-d2	2.319	63	218297	80.804	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 161.600%#		
21) 2-Butanone-d5	4.465	46	176530	149.356	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 149.360%#		
24) Chloroform-d	5.062	84	168671	61.826	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 123.660%		
26) 1,2-Dichloroethane-d4	5.964	65	111485	60.356	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 120.720%		
32) Benzene-d6	5.983	84	307256	59.033	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 118.060%		
36) 1,2-Dichloropropane-d6	7.312	67	102701	63.478	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 126.960%#		
41) Toluene-d8	8.653	98	274255	56.435	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 112.880%		
43) trans-1,3-Dichloroprop...	8.952	79	53506	76.014	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 152.020%#		
47) 2-Hexanone-d5	9.384	63	138982	166.448	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 166.450%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	154430	64.734	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 129.460%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	110390	58.416	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 116.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	99410	51.738	ug/L	99
3) Chloromethane	1.294	50	95645	53.628	ug/L	95
5) Vinyl chloride	1.380	62	149552	84.485	ug/L	99
6) Bromomethane	1.618	94	51369	50.820	ug/L	97
8) Chloroethane	1.691	64	63333	59.255	ug/L	99
9) Trichlorofluoromethane	1.892	101	165661	61.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	122211	88.478	ug/L	93
12) 1,1-Dichloroethene	2.325	96	184704	142.972	ug/L	83
13) Acetone	2.386	43	191250	295.975	ug/L	94
14) Carbon disulfide	2.520	76	199862	56.014	ug/L	99
15) Methyl Acetate	2.709	43	124754	70.053	ug/L #	91
16) Methylene chloride	2.794	84	104472	69.554	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	76757	55.796	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	278853	62.397	ug/L #	90
19) 1,1-Dichloroethane	3.617	63	2157065	831.399	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	2710027	1765.124	ug/L	84
22) 2-Butanone	4.562	43	199805	166.072	ug/L	95
23) Bromochloromethane	4.904	128	44175	57.675	ug/L #	83
25) Chloroform	5.099	83	160217	59.188	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	155340	69.571	ug/L	99
29) Cyclohexane	5.483	56	173673	73.124	ug/L	92
30) 1,1,1-Trichloroethane	5.397	97	8016222	3640.701	ug/L	95
31) Carbon tetrachloride	5.684	117	112124	58.757	ug/L	100
33) Benzene	6.044	78	1222162	212.846	ug/L	100
34) Trichloroethene	7.129	95	98425	67.012	ug/L	92
35) Methylcyclohexane	7.385	83	176885	76.088	ug/L	93
37) 1,2-Dichloropropane	7.434	63	92447	63.430	ug/L	99
38) Bromodichloromethane	7.824	83	118806	62.200	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	133376	63.684	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	502570	205.105	ug/L #	89
42) Toluene	8.738	91	15627513m	2555.647	ug/L	
44) trans-1,3-Dichloropropene	8.982	75	137131	68.997	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	87765	62.343	ug/L	97
46) Tetrachloroethene	9.275	164	122982	109.755	ug/L	97
48) 2-Hexanone	9.433	43	292638	157.021	ug/L	97
49) Dibromochloromethane	9.525	129	96674	66.493	ug/L	98
50) 1,2-Dibromoethane	9.610	107	93441	62.154	ug/L	99
51) Chlorobenzene	10.079	112	238417	61.941	ug/L	94
52) Ethylbenzene	10.195	91	2981376	449.544	ug/L	97
53) m,p-Xylene	10.305	106	3177032	1254.933	ug/L	97
54) o-Xylene	10.646	106	1676296	668.472	ug/L	94
55) Styrene	10.659	104	335289	79.202	ug/L #	56
57) 1,1,2,2-Tetrachloroethane	11.213	83	143687	60.738	ug/L	98
59) Bromoform	10.799	173	69084	66.890	ug/L	98
60) Isopropylbenzene	10.963	105	601270	87.513	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	120407	60.259	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	939963	163.395	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	2626511m	455.751	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	175495	57.247	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	187331	60.694	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	284653	93.912	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	46906	89.101	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	116011	56.371	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	112799	61.547	ug/L	96
71) Naphthalene	13.780	128	1734852	250.398	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	115189	60.860	ug/L	97

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

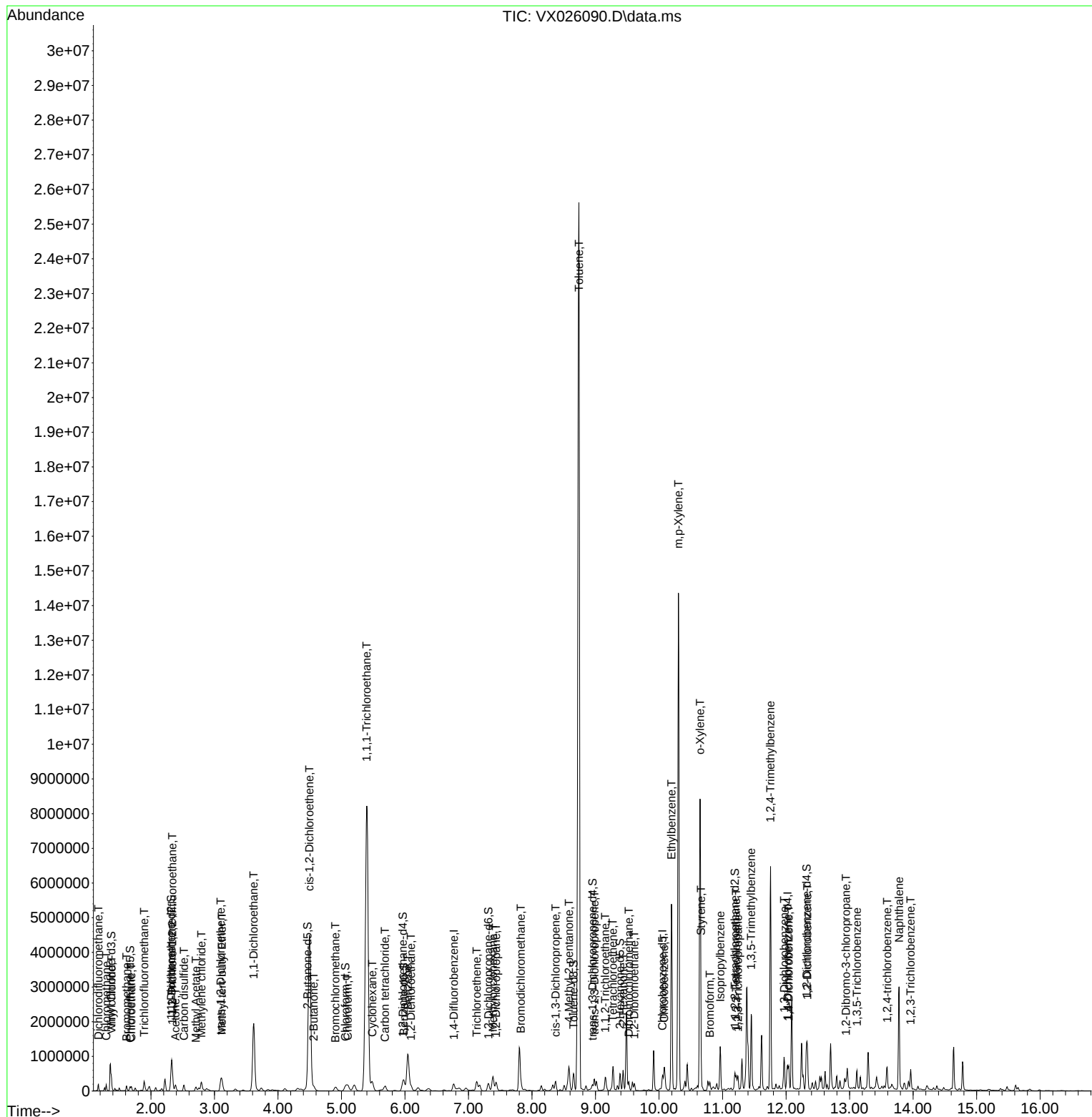
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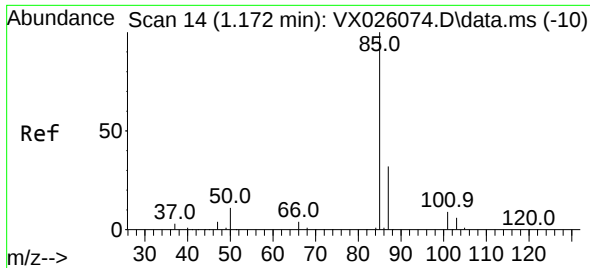
Instrument :
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 ClientSampleId :
 GBCC1MSD

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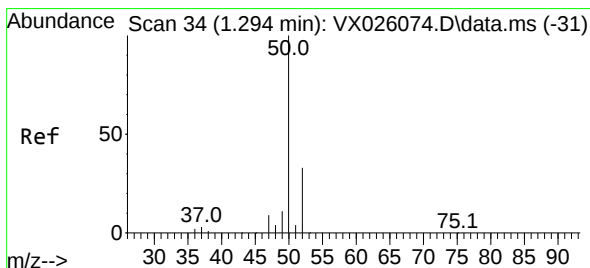
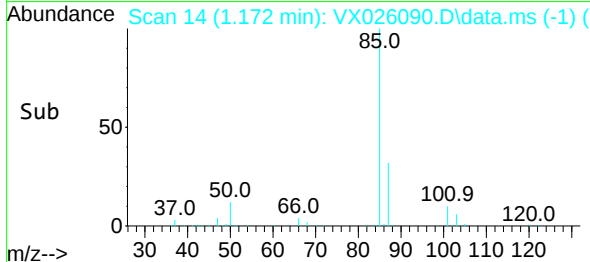
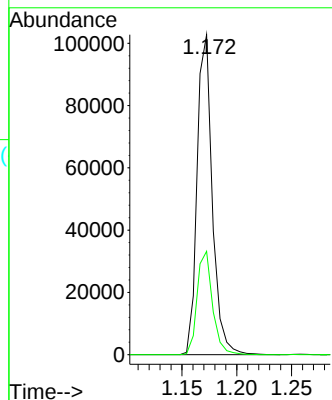
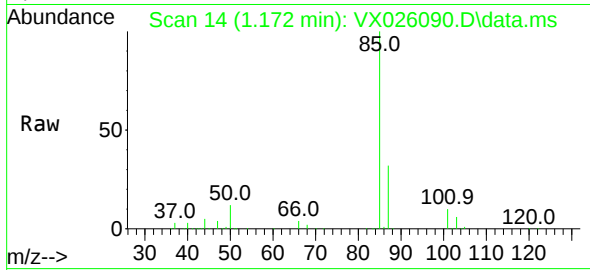
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 Dichlorodifluoromethane
 Concen: 51.738 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026090.D
 Acq: 28 Dec 2021 02:54

Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MSD

Tgt Ion: 85 Resp: 99410
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6

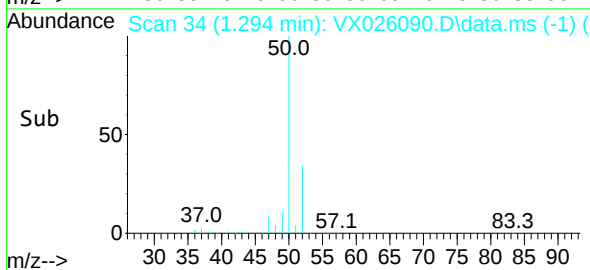
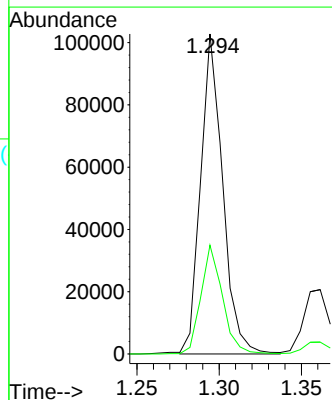
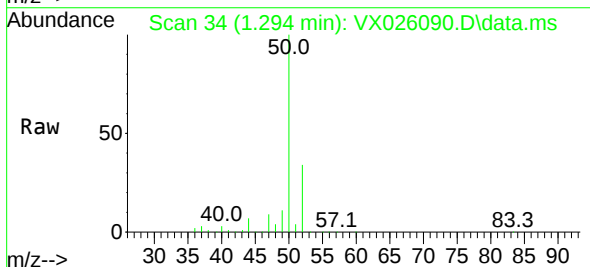
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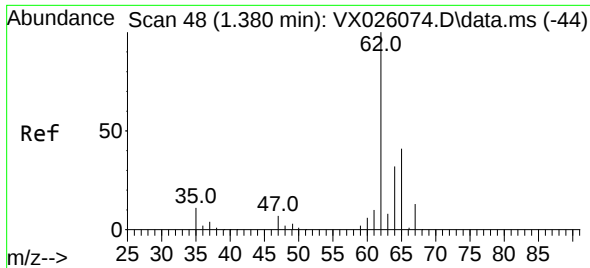
Reviewed By :John Carlone 12/28/2021
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#3
 Chloromethane
 Concen: 53.628 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026090.D
 Acq: 28 Dec 2021 02:54

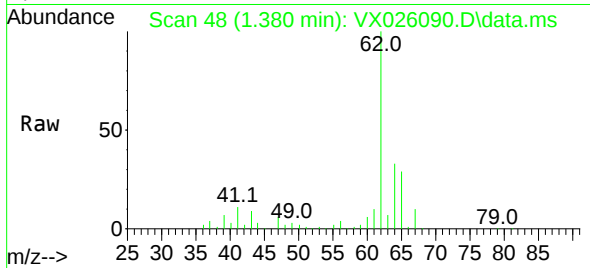
Tgt Ion: 50 Resp: 95645
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.0 40.8





#5
 Vinyl chloride
 Concen: 84.485 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX026090.D
 Acq: 28 Dec 2021 02:54

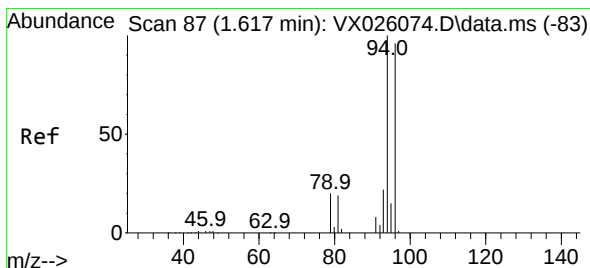
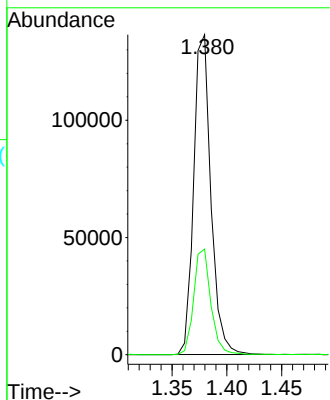
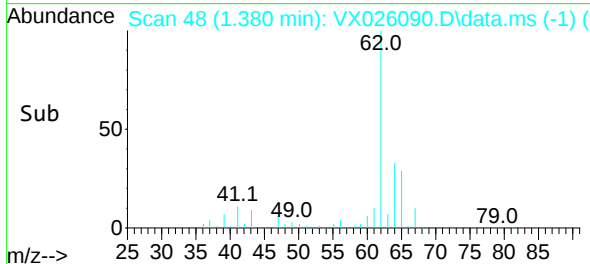
Instrument :
 MSVOA_X
 ClientSampleId :
 GBCC1MSD



Tgt Ion: 62 Resp: 149552
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5

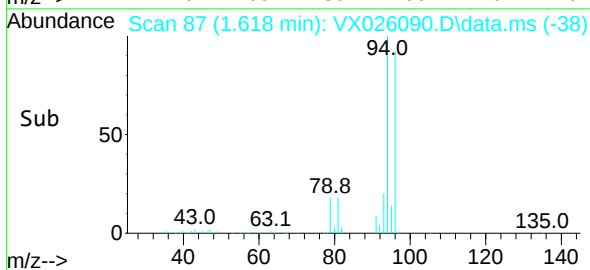
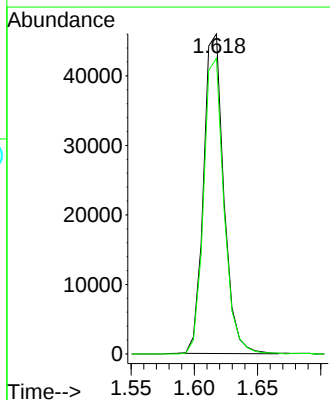
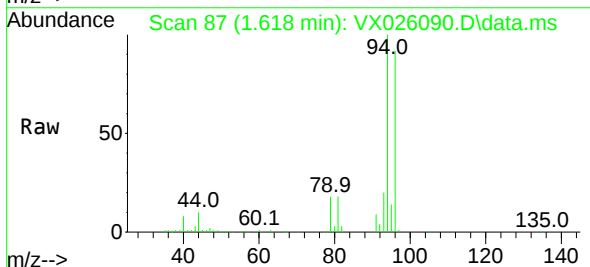
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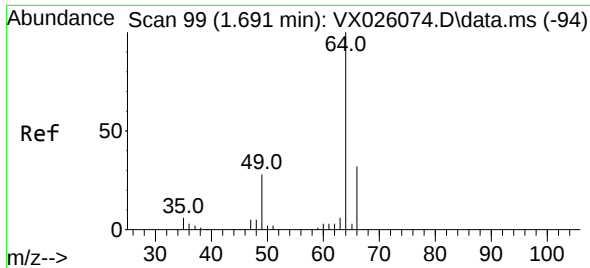
Reviewed By :John Carlone 12/28/2021
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#6
 Bromomethane
 Concen: 50.820 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX026090.D
 Acq: 28 Dec 2021 02:54

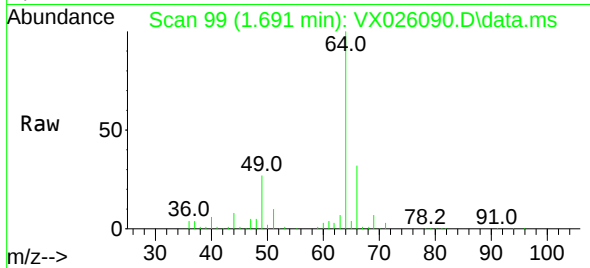
Tgt Ion: 94 Resp: 51369
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.7 123.9





#8
Chloroethane
Concen: 59.255 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

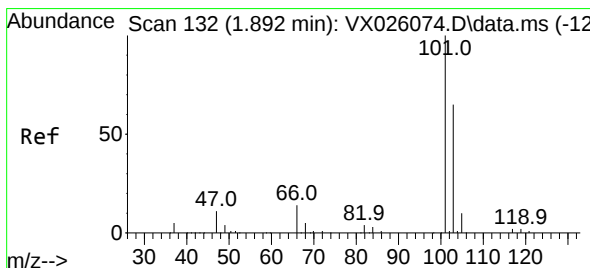
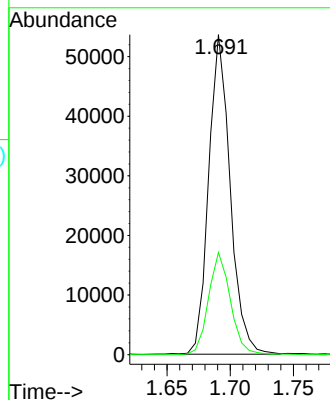
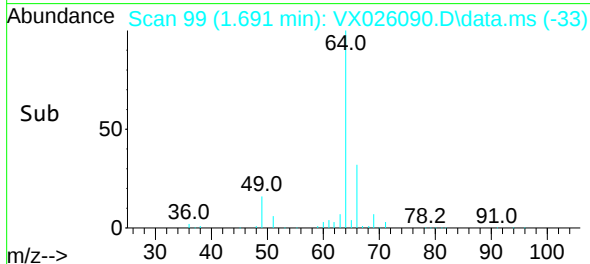
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



Tgt Ion: 64 Resp: 6333
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8

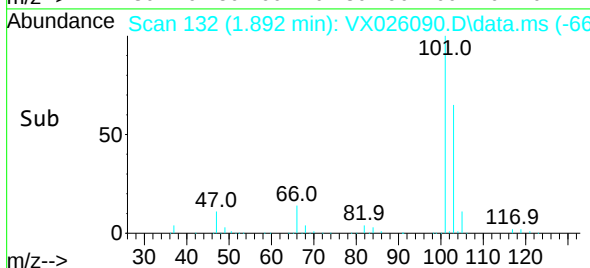
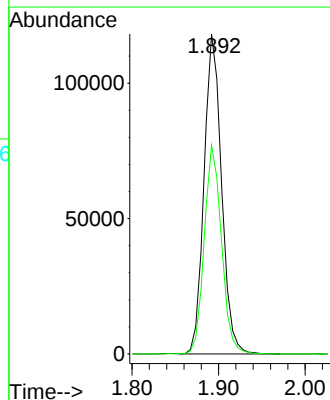
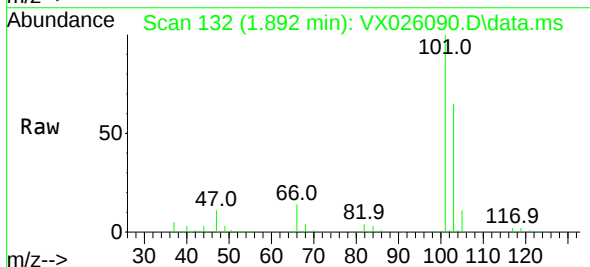
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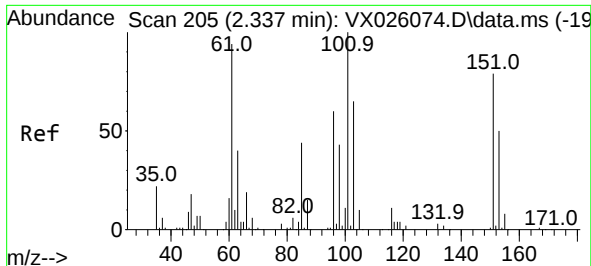
Reviewed By :John Carlone 12/28/2021
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#9
Trichlorofluoromethane
Concen: 61.845 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion:101 Resp: 165661
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2





#10

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

Concen: 88.478 ug/L

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion:101 Resp: 12221

Ion Ratio Lower Upper

101 100

85 45.3 34.3 51.5

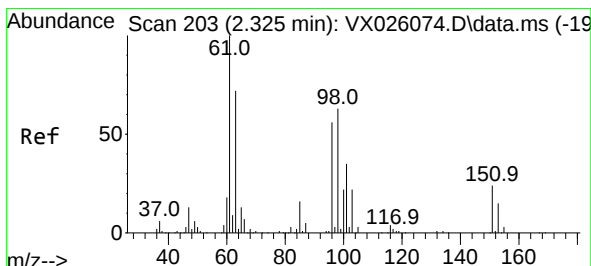
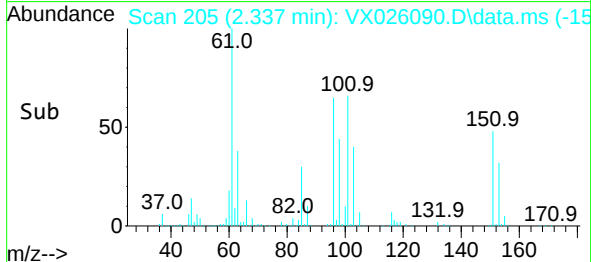
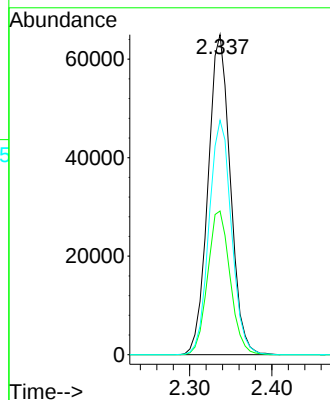
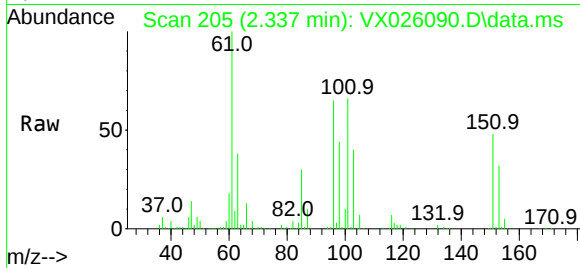
151 73.7 65.2 97.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 142.972 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

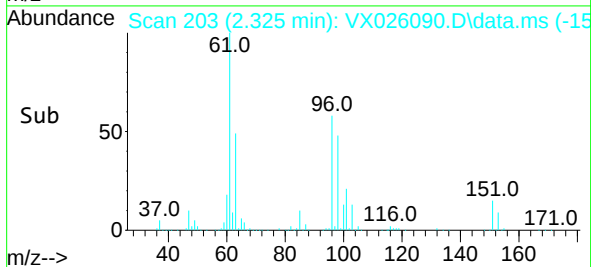
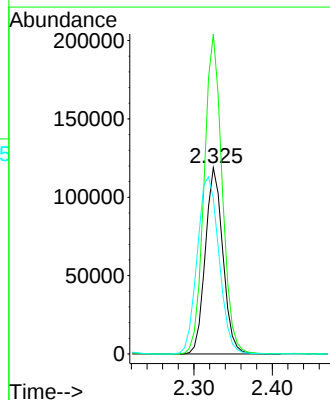
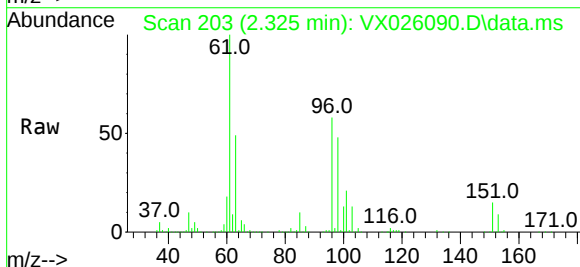
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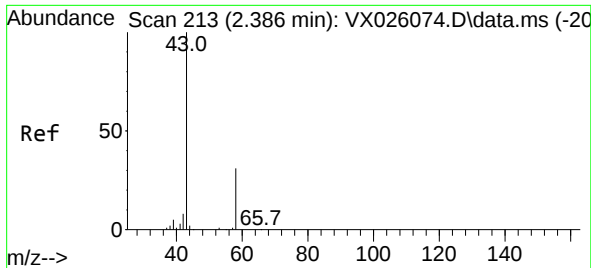
Ion Ratio Lower Upper

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61 171.8 108.7 201.9

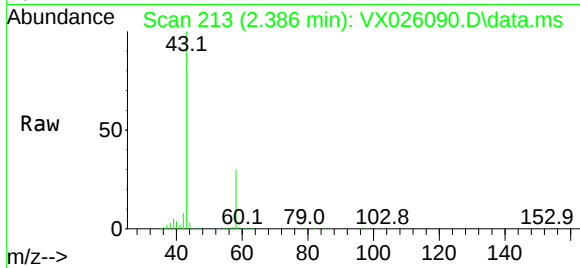
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#13
Acetone
Concen: 295.975 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026090.D
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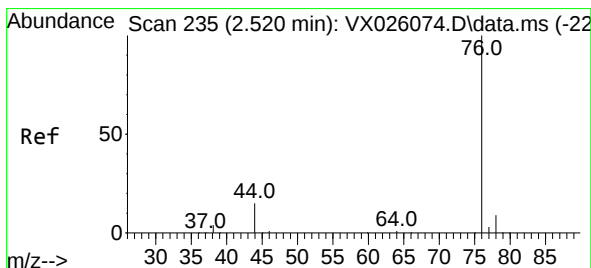
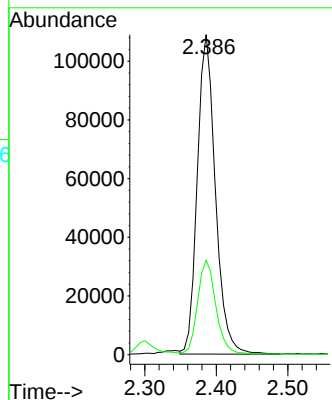
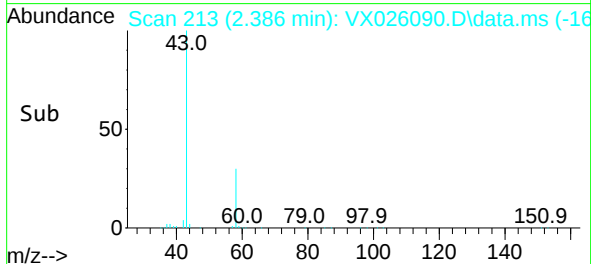
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Tgt Ion: 43 Resp: 191250
Ion Ratio Lower Upper
43 100
58 29.5 0.0 65.6

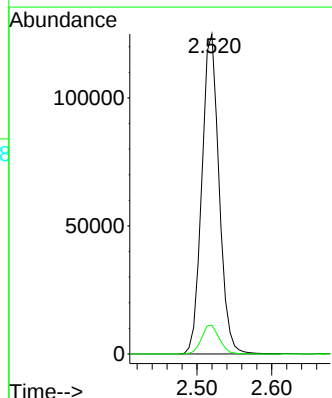
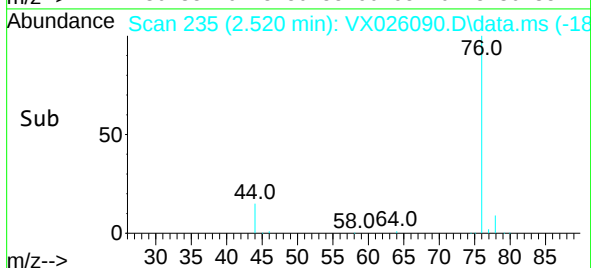
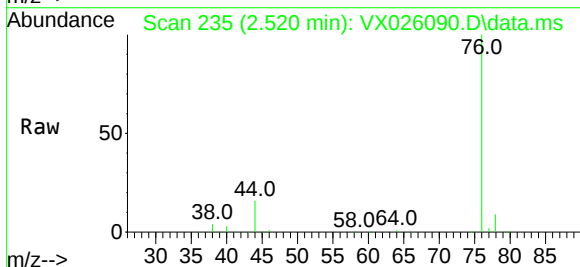
Manual Integrations
APPROVED

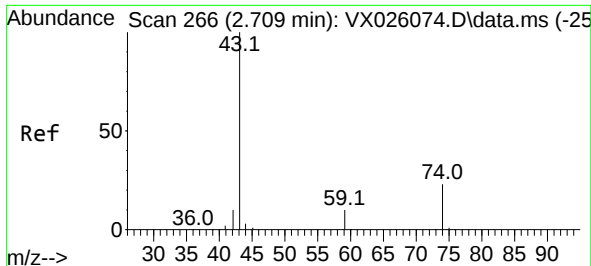
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#14
Carbon disulfide
Concen: 56.014 ug/L
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

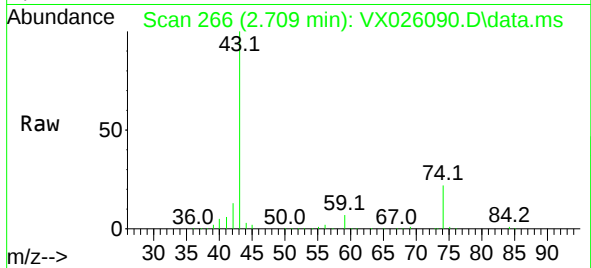
Tgt Ion: 76 Resp: 199862
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#15
Methyl Acetate
Concen: 70.053 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

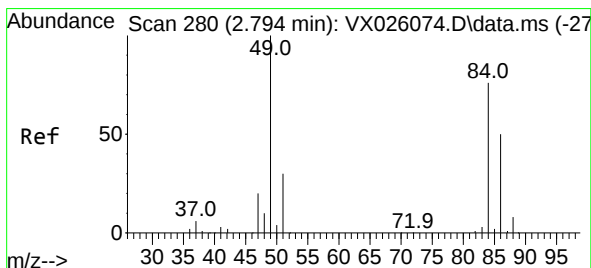
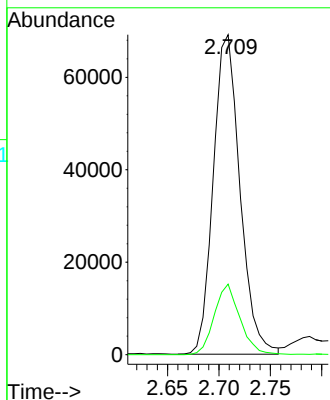
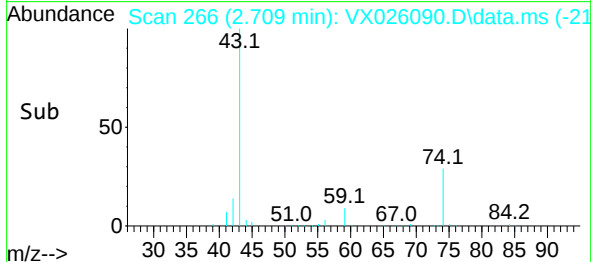
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



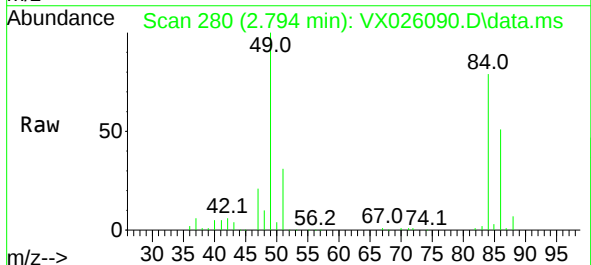
Tgt Ion: 43 Resp: 124754
Ion Ratio Lower Upper
43 100
74 21.2 0.1 0.1

Manual Integrations
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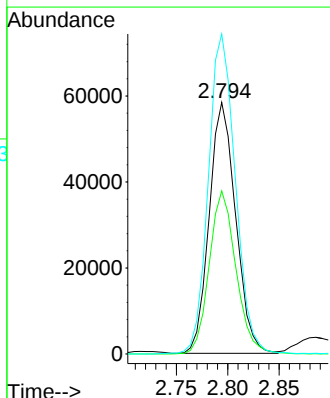
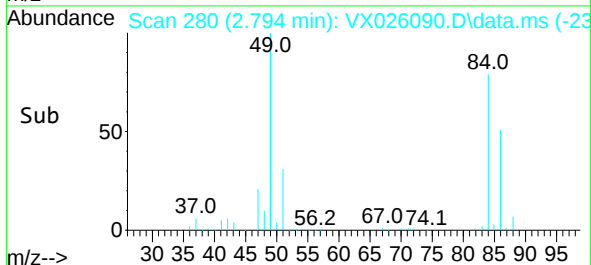
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

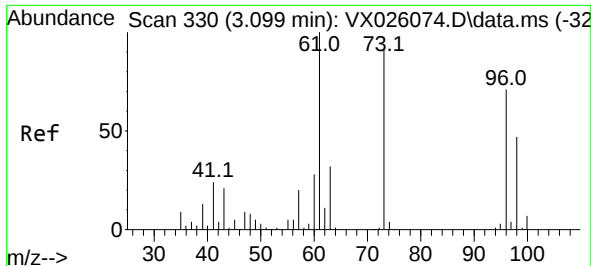


#16
Methylene chloride
Concen: 69.554 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



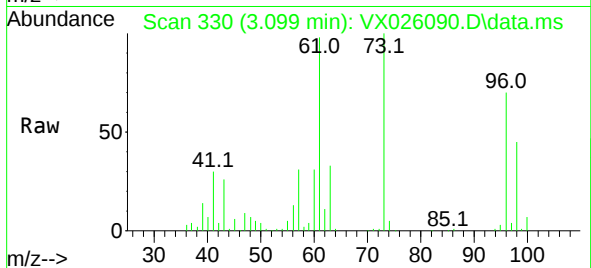
Tgt Ion: 84 Resp: 104472
Ion Ratio Lower Upper
84 100
86 64.8 45.1 83.9
49 127.2 82.3 152.8





#17
trans-1,2-Dichloroethene
Concen: 55.796 ug/L
RT: 3.099 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

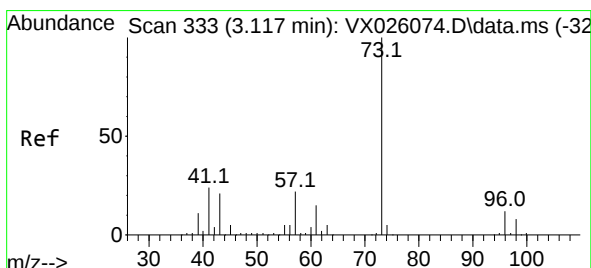
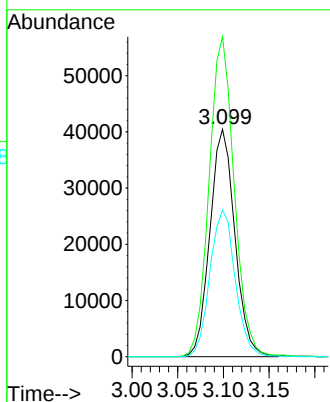
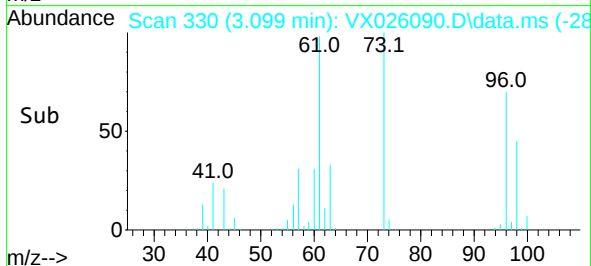
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



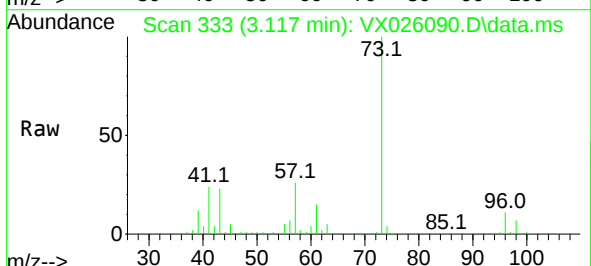
Tgt Ion: 96 Resp: 7675
Ion Ratio Lower Upper
96 100
61 140.7 88.5 164.4
98 64.5 44.3 82.3

Manual Integrations
APPROVED

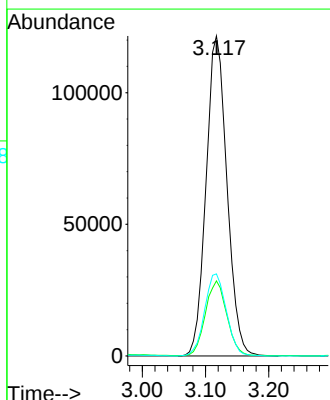
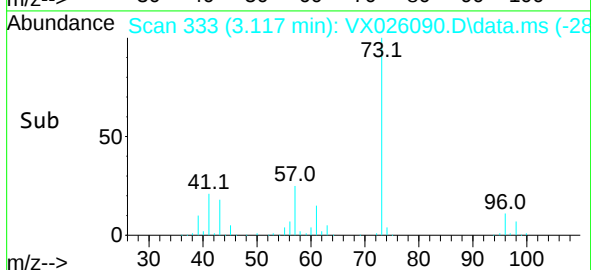
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

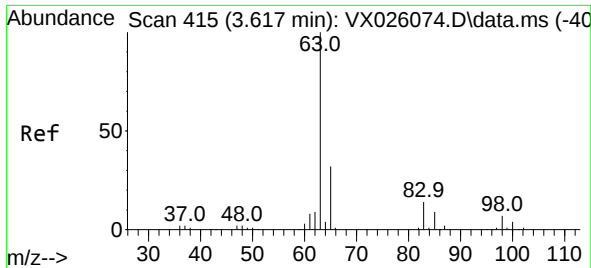


#18
Methyl tert-butyl Ether
Concen: 62.397 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



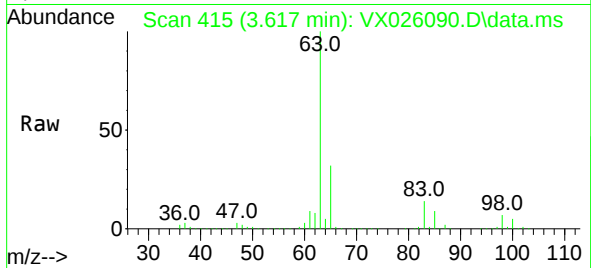
Tgt Ion: 73 Resp: 278853
Ion Ratio Lower Upper
73 100
43 23.9 15.7 23.5#
57 26.7 17.3 25.9#





#19
1,1-Dichloroethane
Concen: 831.399 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

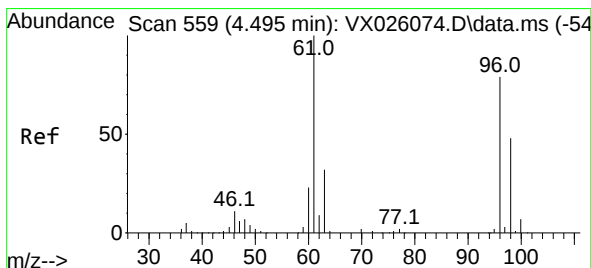
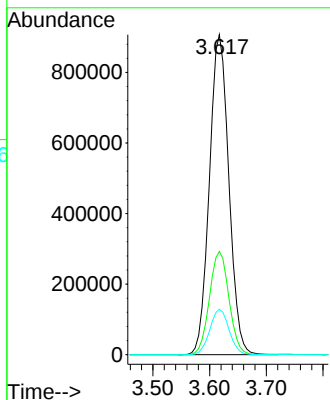
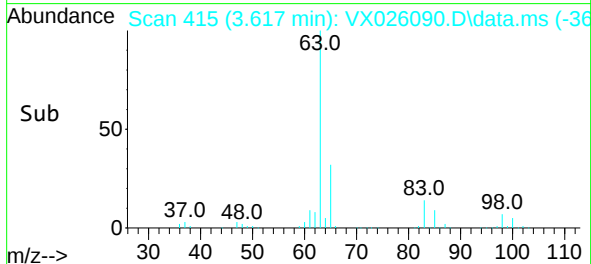
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



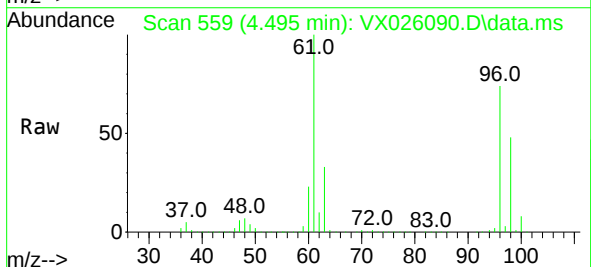
Tgt Ion: 63 Resp: 215706
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 14.2 10.2 19.0

Manual Integrations
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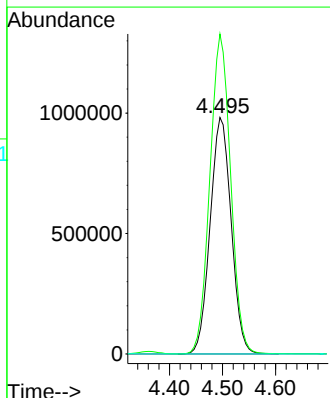
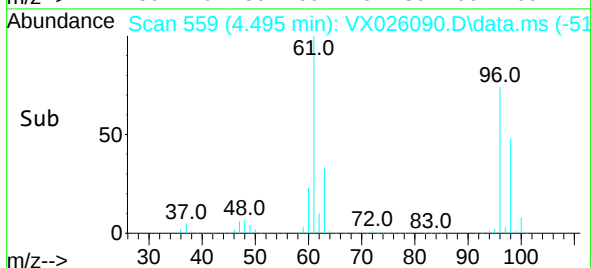
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

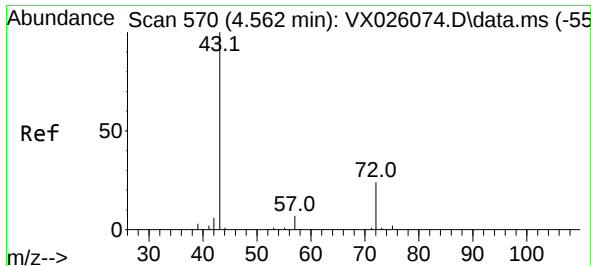


#20
cis-1,2-Dichloroethene
Concen: 1765.124 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



Tgt Ion: 96 Resp: 2710027
Ion Ratio Lower Upper
96 100
61 135.3 82.3 152.8
68 0.0 0.0 0.0





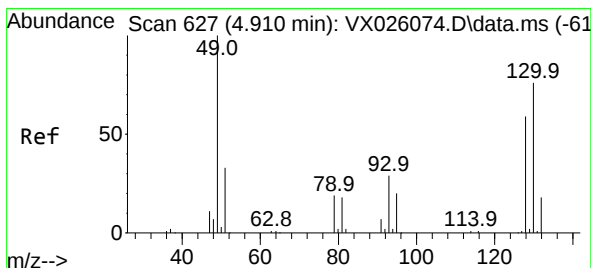
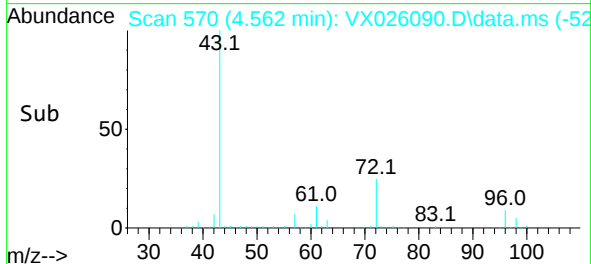
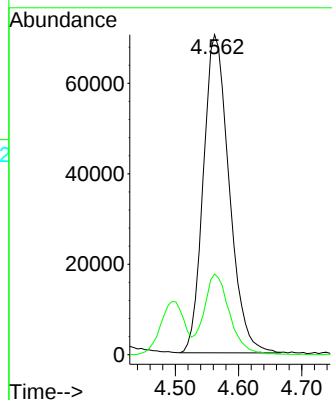
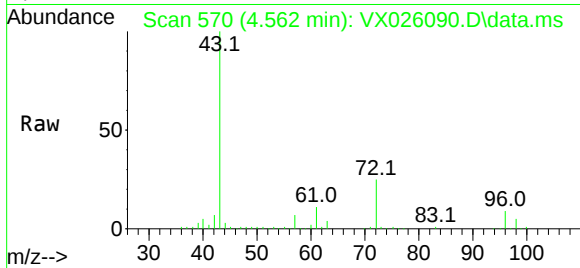
#22
2-Butanone
Concen: 166.072 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD

Tgt Ion: 43 Resp: 19980
Ion Ratio Lower Upper
43 100
72 24.7 13.8 41.3

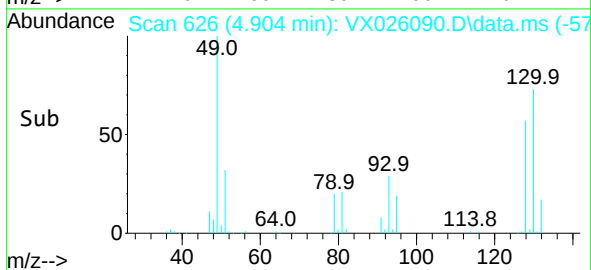
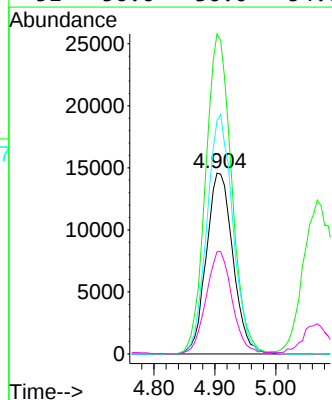
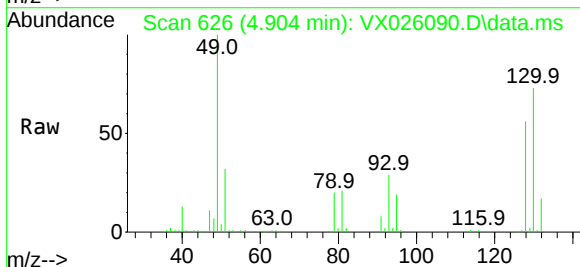
Manual Integrations
APPROVED

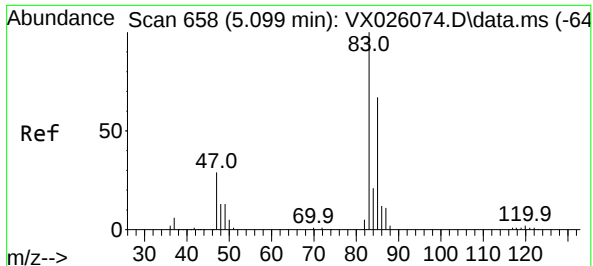
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#23
Bromochloromethane
Concen: 57.675 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion:128 Resp: 44175
Ion Ratio Lower Upper
128 100
49 177.0 97.7 181.5
130 129.1 88.2 163.8
51 56.6 36.0 54.0#





#25

Chloroform

Concen: 59.188 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion: 83 Resp: 16021

Ion Ratio Lower Upper

83 100

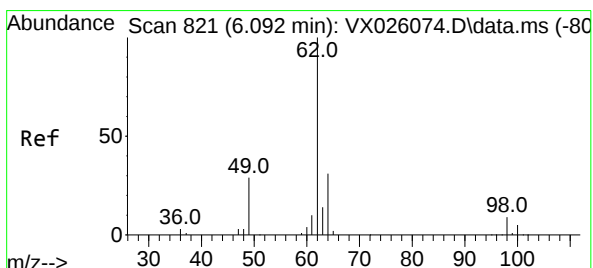
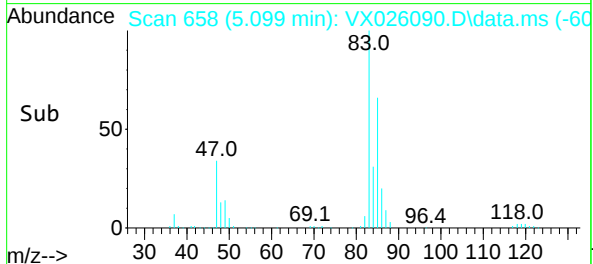
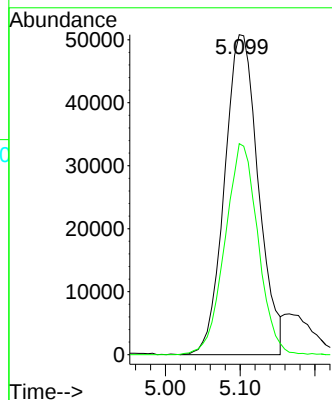
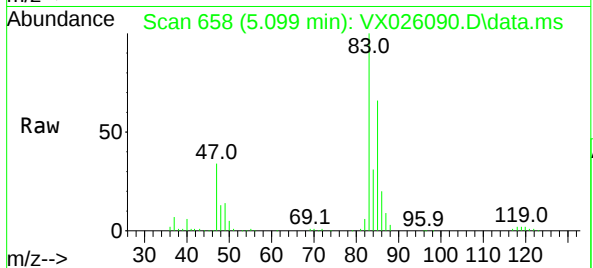
85 66.0 44.9 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#27

1,2-Dichloroethane

Concen: 69.571 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026090.D

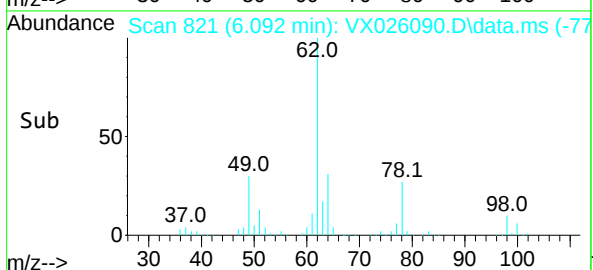
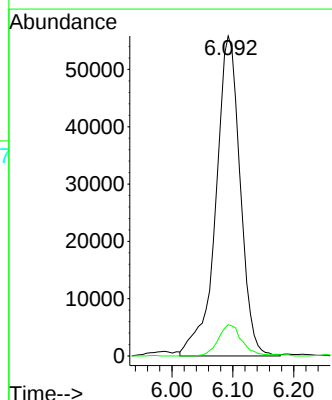
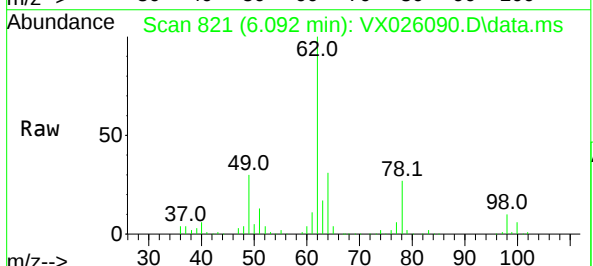
Acq: 28 Dec 2021 02:54

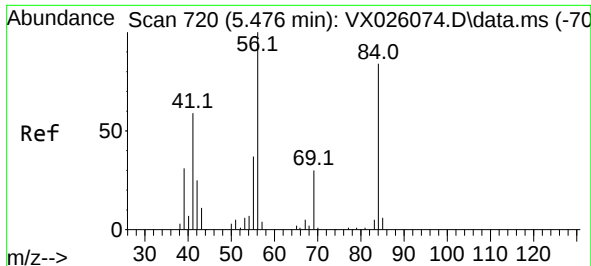
Tgt Ion: 62 Resp: 155340

Ion Ratio Lower Upper

62 100

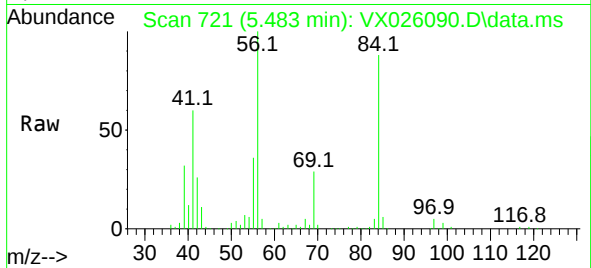
98 9.7 8.2 12.2





#29
Cyclohexane
Concen: 73.124 ug/L
RT: 5.483 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

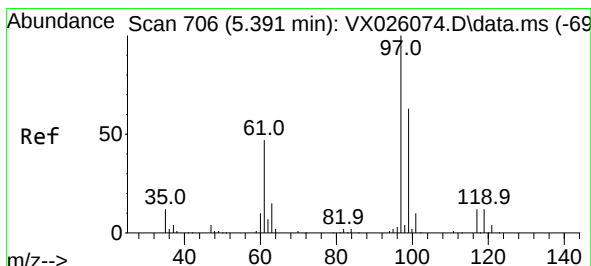
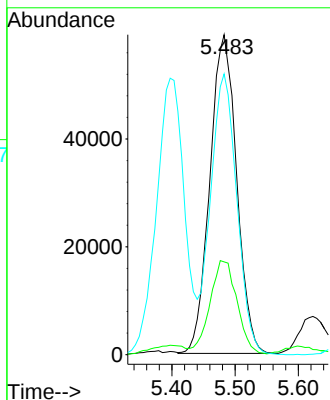
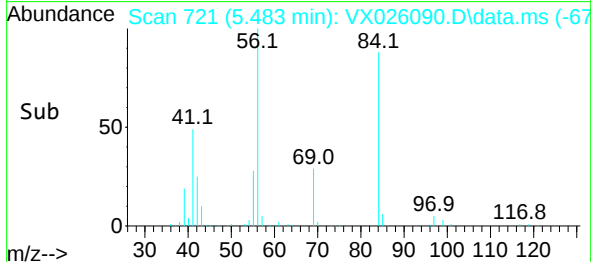
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



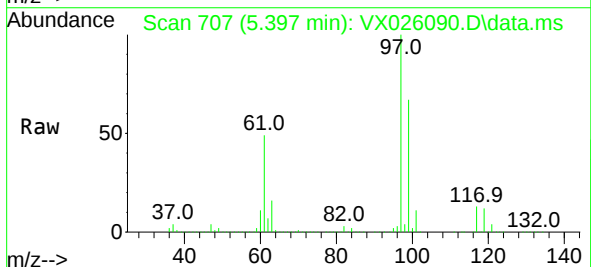
Tgt Ion: 56 Resp: 17367
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 86.7 76.6 114.8

Manual Integrations
APPROVED

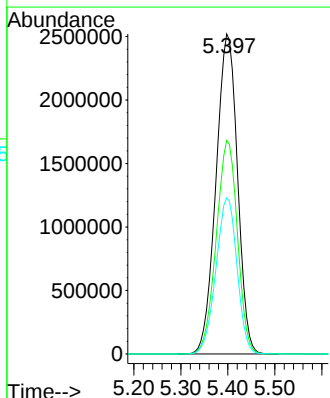
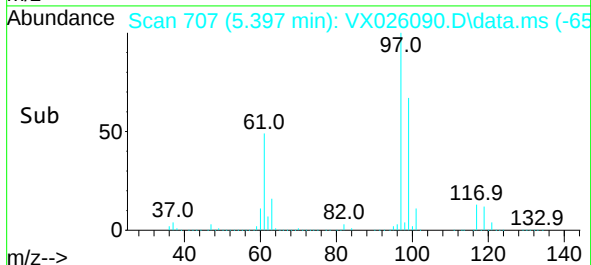
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

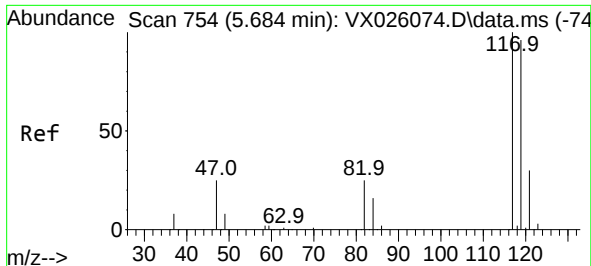


#30
1,1,1-Trichloroethane
Concen: 3640.701 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



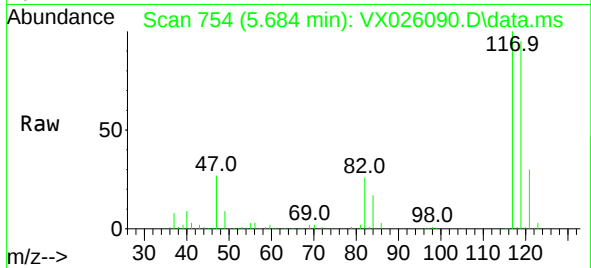
Tgt Ion: 97 Resp: 8016222
Ion Ratio Lower Upper
97 100
99 65.9 51.5 77.3
61 47.9 33.1 49.7





#31
Carbon tetrachloride
Concen: 58.757 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

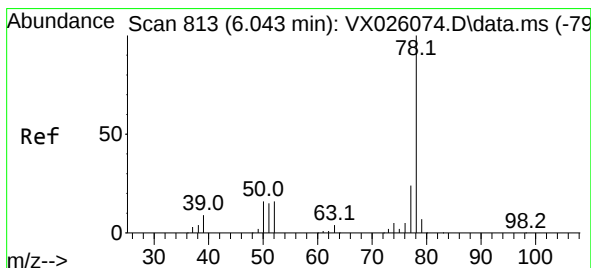
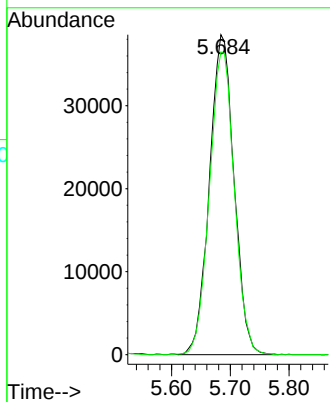
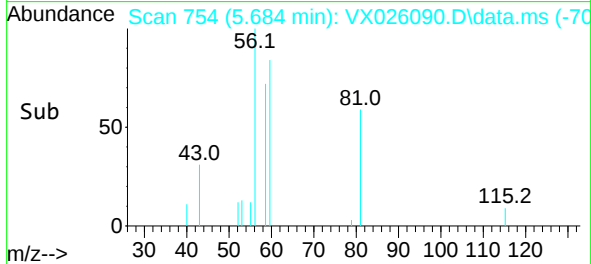
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



Tgt Ion:117 Resp: 112124
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2

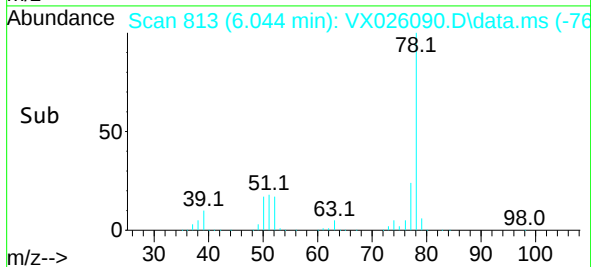
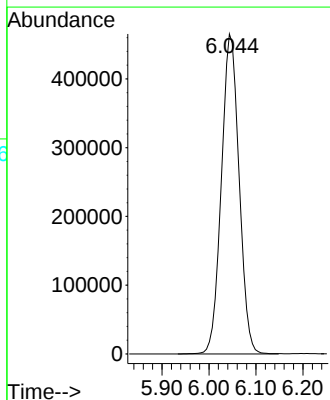
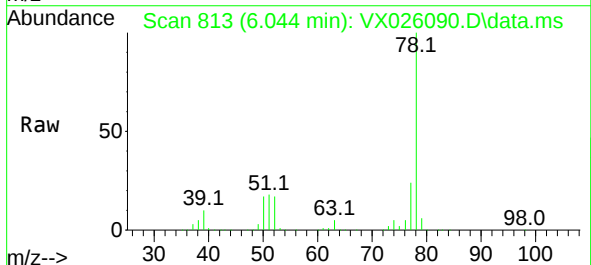
Manual Integrations
APPROVED

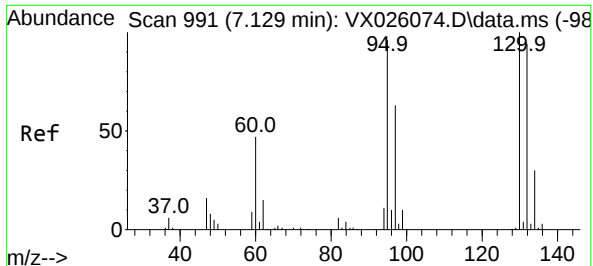
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#33
Benzene
Concen: 212.846 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

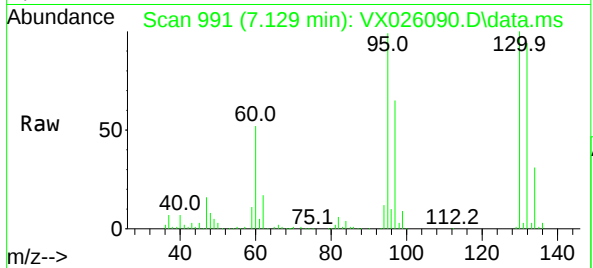
Tgt Ion: 78 Resp: 1222162





#34
Trichloroethene
Concen: 67.012 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

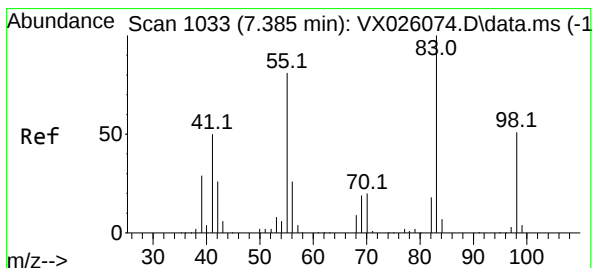
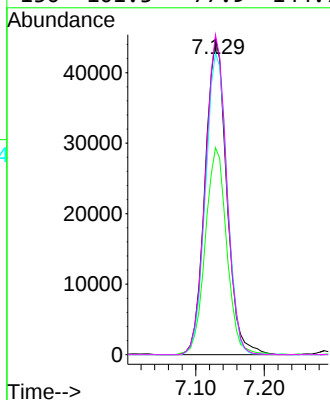
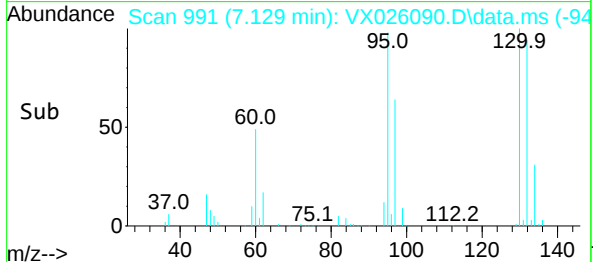
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



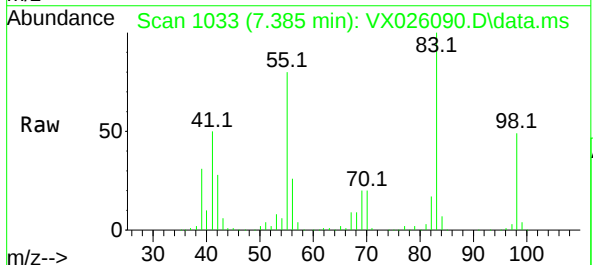
Tgt Ion: 95 Resp: 98425
Ion Ratio Lower Upper
95 100
97 65.5 46.0 85.4
132 95.5 75.0 139.2
130 101.3 77.9 144.7

Manual Integrations
APPROVED

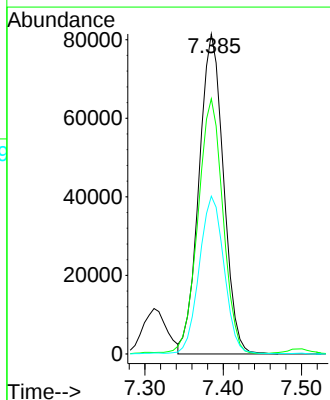
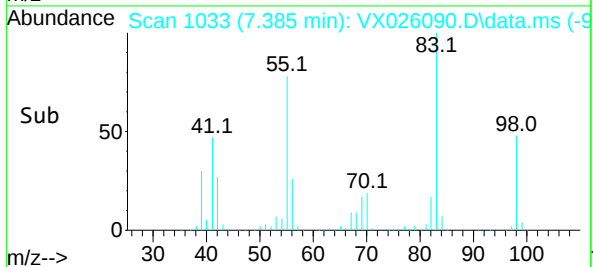
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

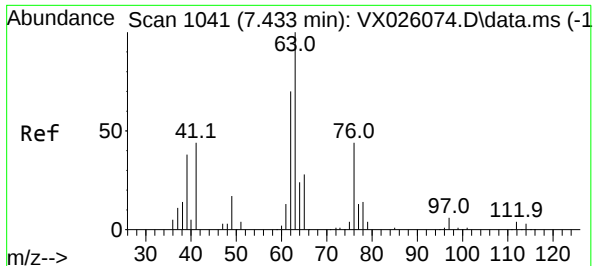


#35
Methylcyclohexane
Concen: 76.088 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



Tgt Ion: 83 Resp: 176885
Ion Ratio Lower Upper
83 100
55 81.0 57.3 85.9
98 50.1 41.1 61.7





#37

1,2-Dichloropropane

Concen: 63.430 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion: 63 Resp: 9244

Ion Ratio Lower Upper

63 100

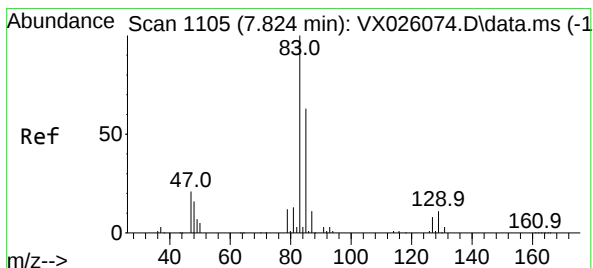
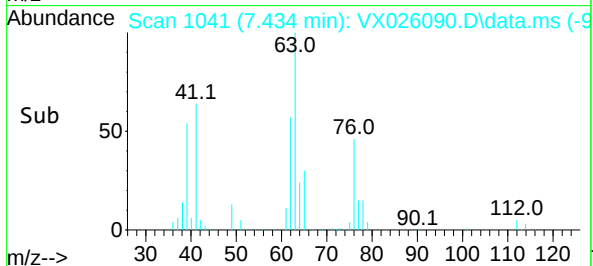
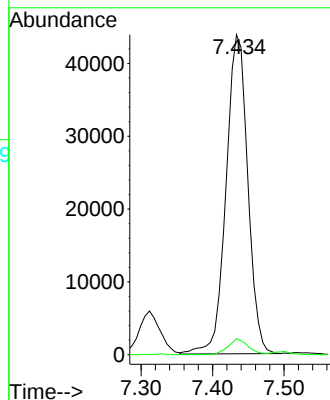
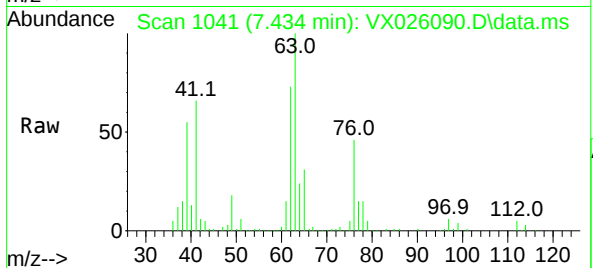
112 4.6 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#38

Bromodichloromethane

Concen: 62.200 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

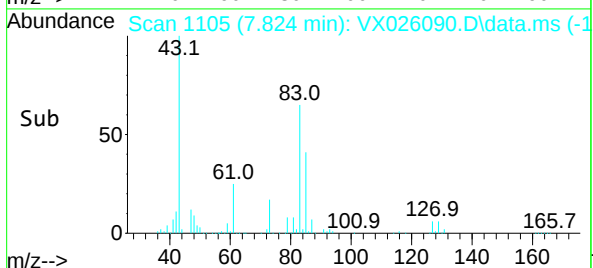
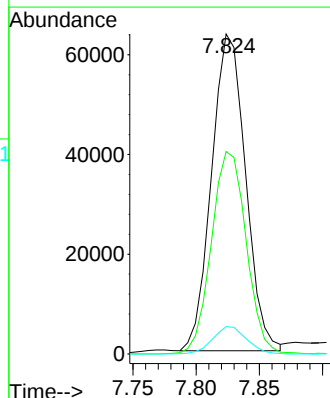
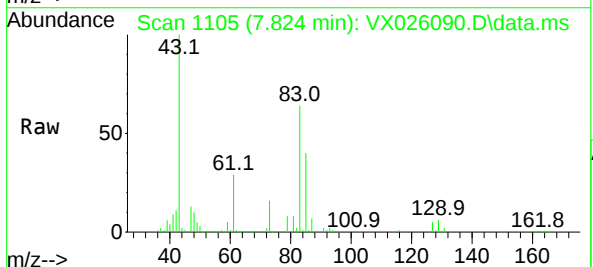
Tgt Ion: 83 Resp: 118806

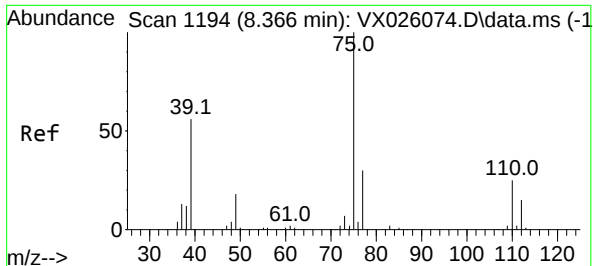
Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

127 8.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 63.684 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion: 75 Resp: 133370

Ion Ratio Lower Upper

75 100

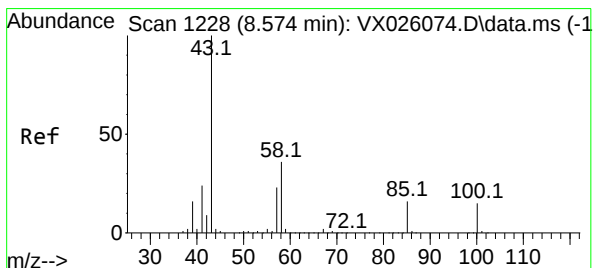
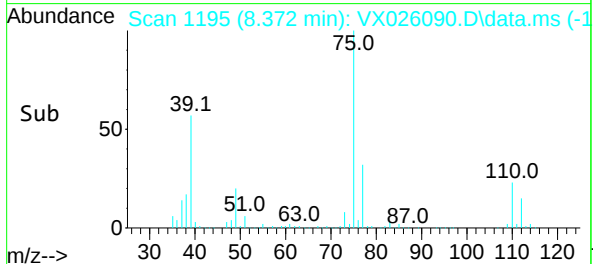
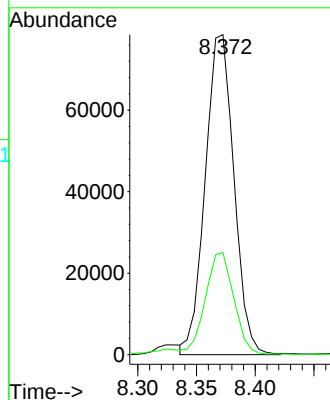
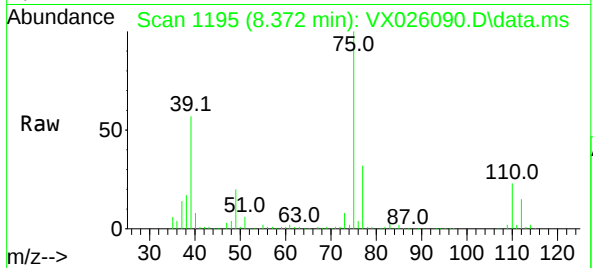
77 31.9 22.3 41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#40

4-Methyl-2-pentanone

Concen: 205.105 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

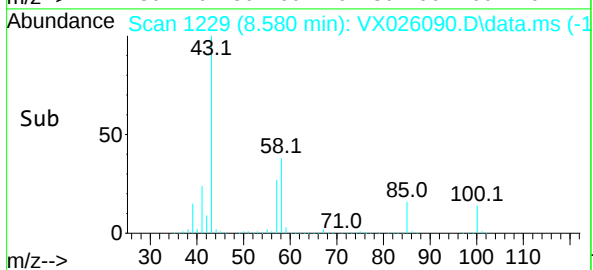
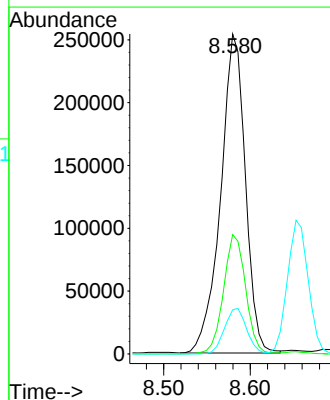
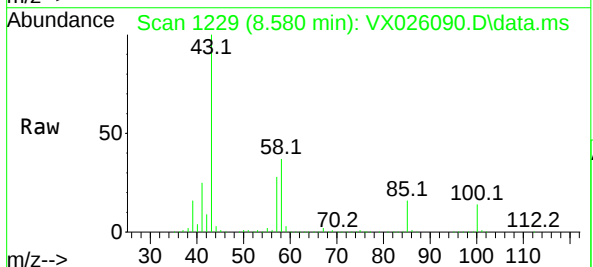
Tgt Ion: 43 Resp: 502570

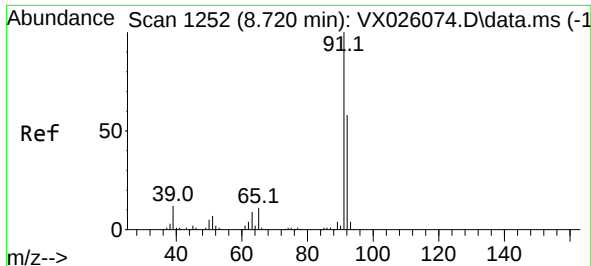
Ion Ratio Lower Upper

43 100

58 33.6 32.2 48.2

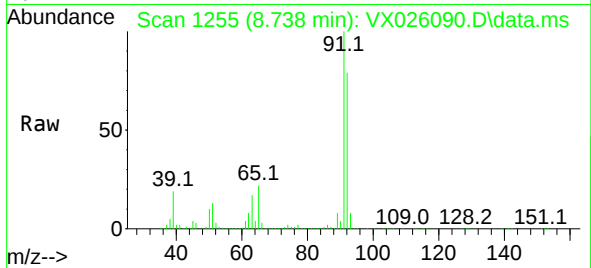
100 12.8 14.2 21.2#





#42
Toluene
Concen: 2555.647 ug/L m
RT: 8.738 min Scan# 1255
Delta R.T. 0.018 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

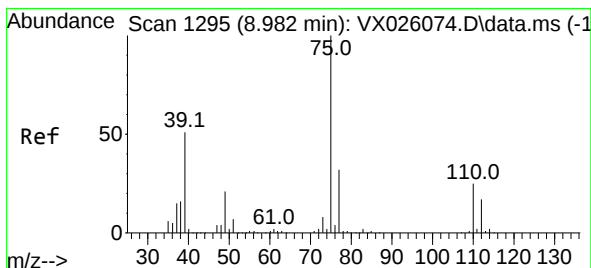
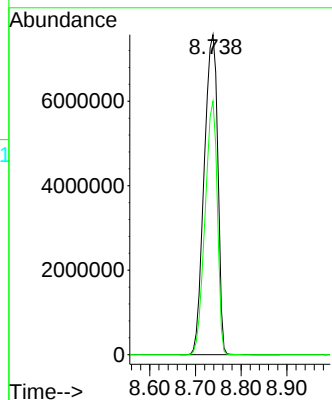
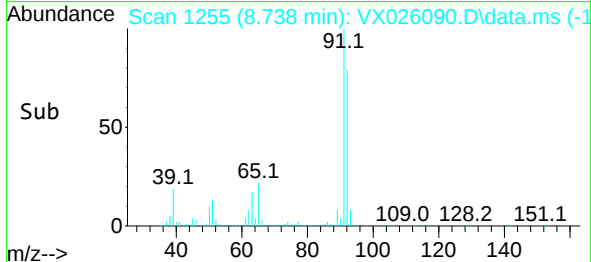
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



Tgt Ion: 91 Resp:1562751
Ion Ratio Lower Upper
91 100
92 79.2 41.2 76.6

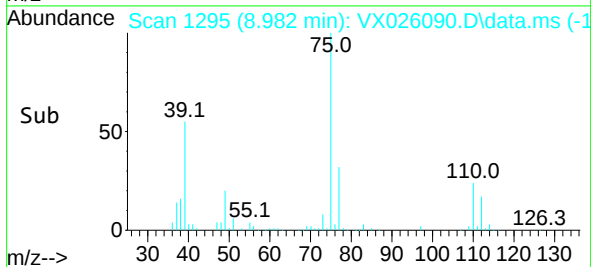
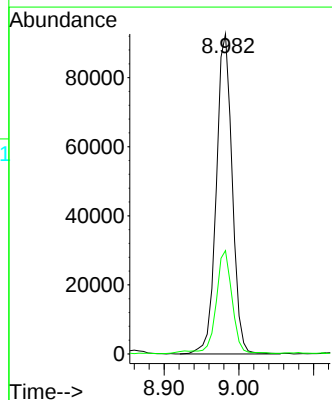
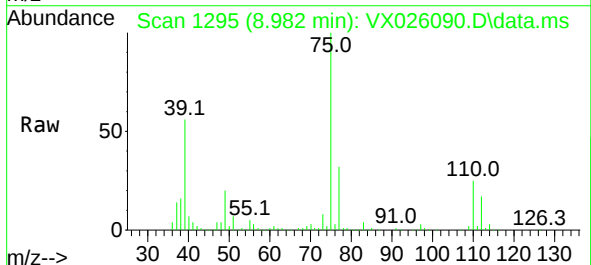
Manual Integrations
APPROVED

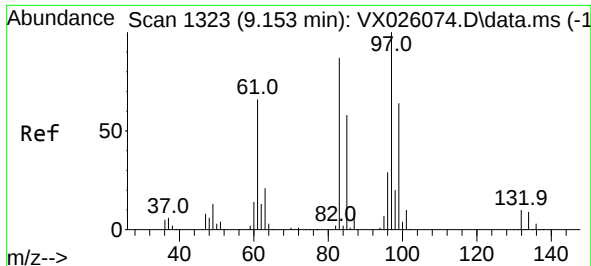
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#44
trans-1,3-Dichloropropene
Concen: 68.997 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion: 75 Resp: 137131
Ion Ratio Lower Upper
75 100
77 32.3 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 62.343 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion: 97 Resp: 8776

Ion Ratio Lower Upper

97 100

99 60.4 46.0 85.4

83 86.2 59.6 110.8

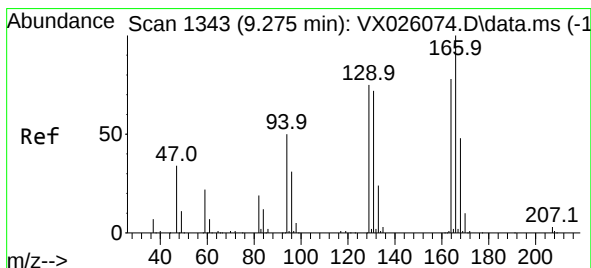
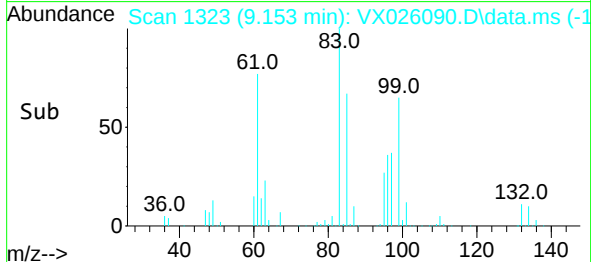
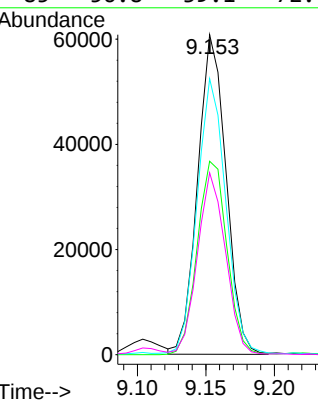
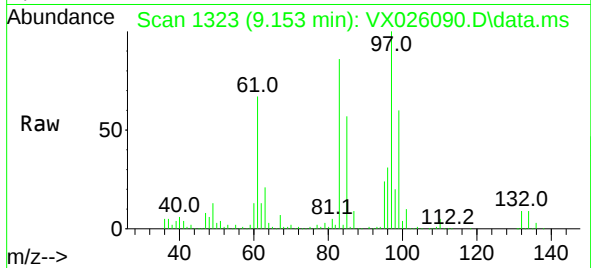
85 56.8 39.1 72.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#46

Tetrachloroethene

Concen: 109.755 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Tgt Ion:164 Resp: 122982

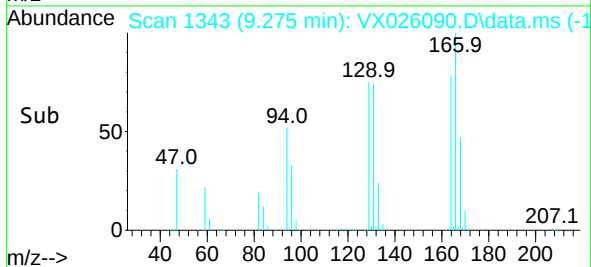
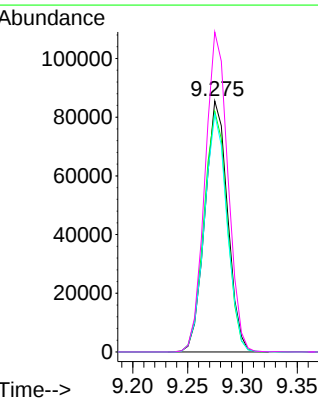
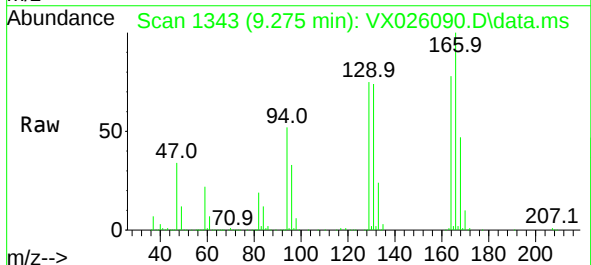
Ion Ratio Lower Upper

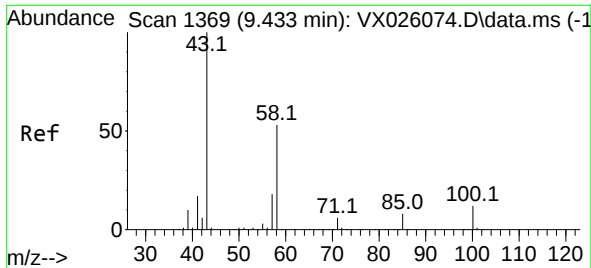
164 100

129 95.9 64.7 120.1

131 94.7 63.2 117.4

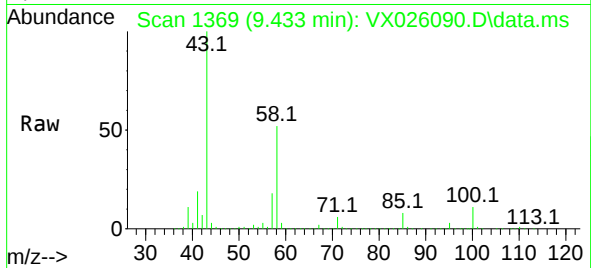
166 127.4 90.1 167.3





#48
2-Hexanone
Concen: 157.021 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

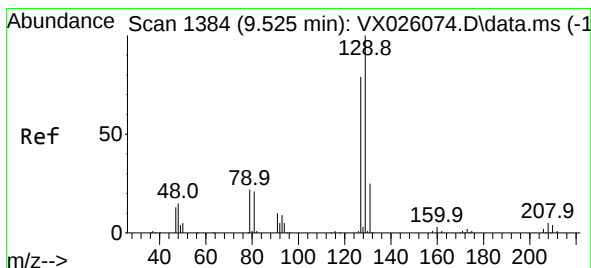
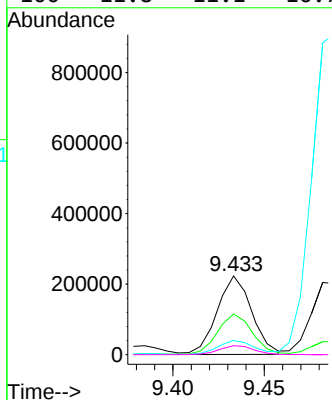
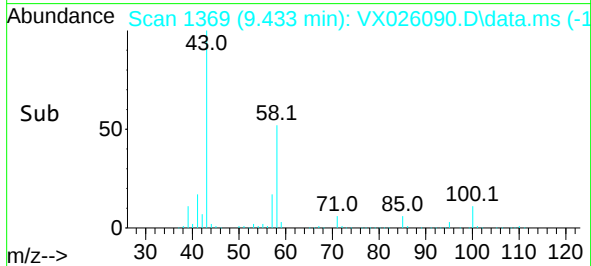
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



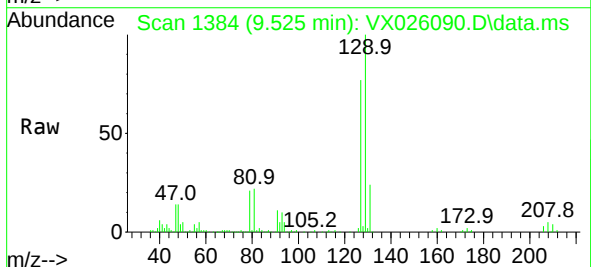
Tgt Ion: 43 Resp: 292638
Ion Ratio Lower Upper
43 100
58 52.6 44.2 66.4
57 19.3 15.1 22.7
100 11.8 11.1 16.7

Manual Integrations
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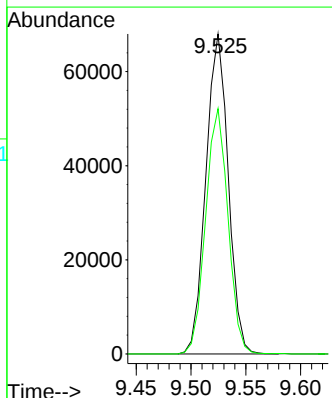
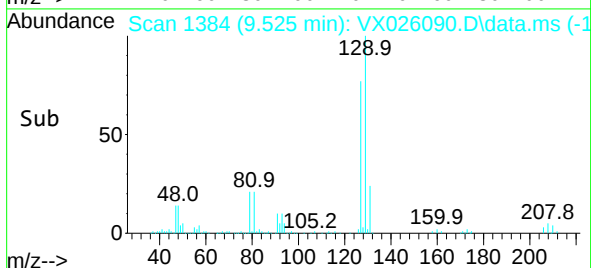
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

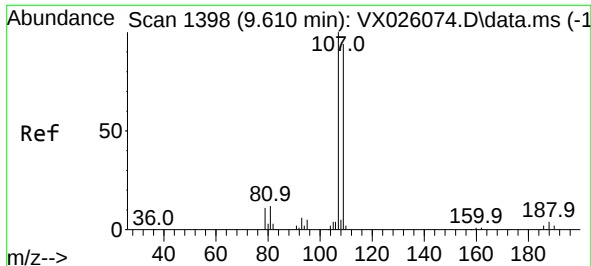


#49
Dibromochloromethane
Concen: 66.493 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



Tgt Ion:129 Resp: 96674
Ion Ratio Lower Upper
129 100
127 76.6 52.4 97.2





#50

1,2-Dibromoethane

Concen: 62.154 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Instrument :

MSVOA_X

ClientSampleId :

GBCC1MSD

Tgt Ion:107 Resp: 9344

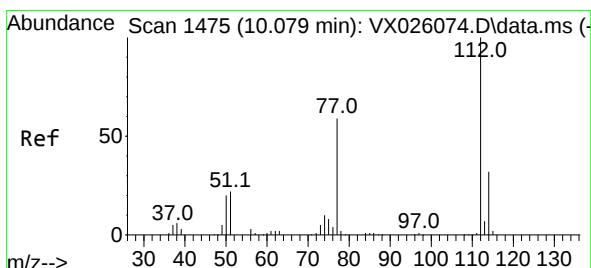
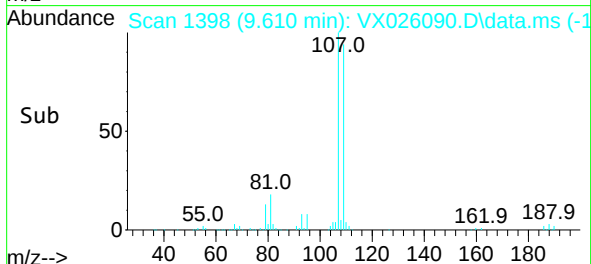
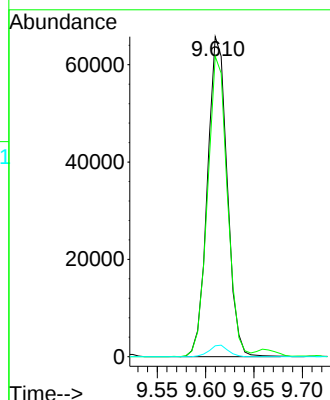
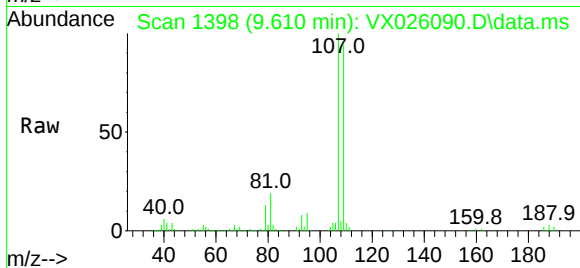
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.3	121.3
188	3.4	2.9	4.3

Manual Integrations

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Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#51

Chlorobenzene

Concen: 61.941 ug/L

RT: 10.079 min Scan# 1475

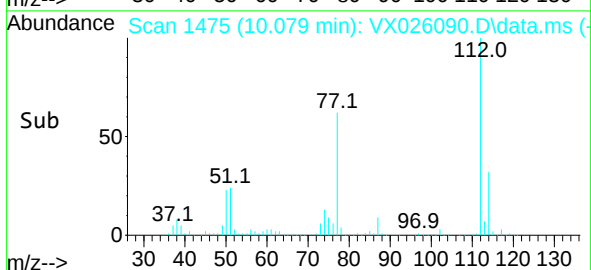
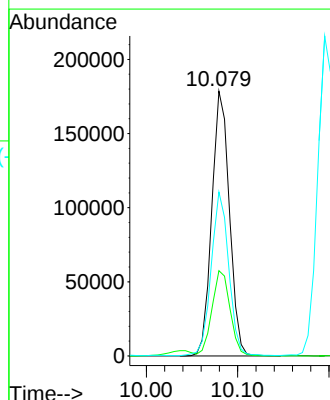
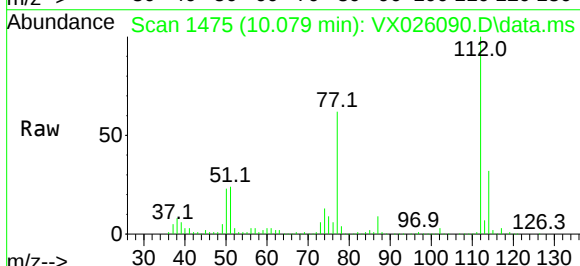
Delta R.T. 0.000 min

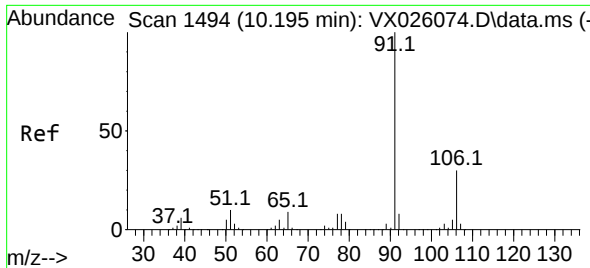
Lab File: VX026090.D

Acq: 28 Dec 2021 02:54

Tgt Ion:112 Resp: 238417

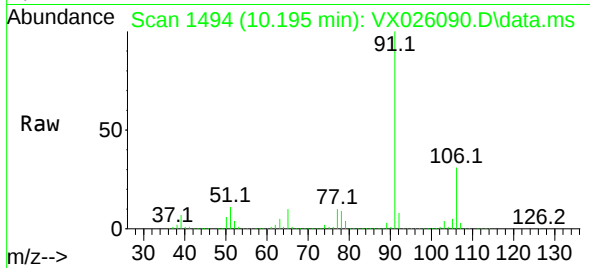
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	62.0	44.5	66.7





#52
Ethylbenzene
Concen: 449.544 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

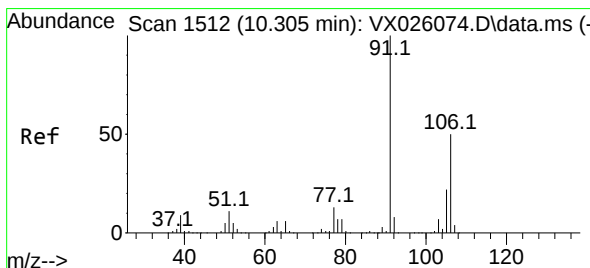
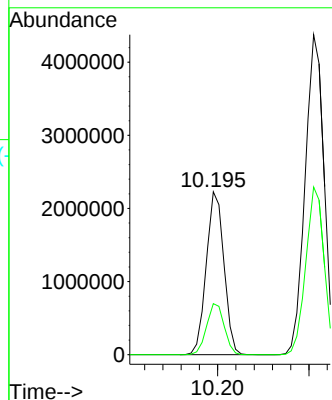
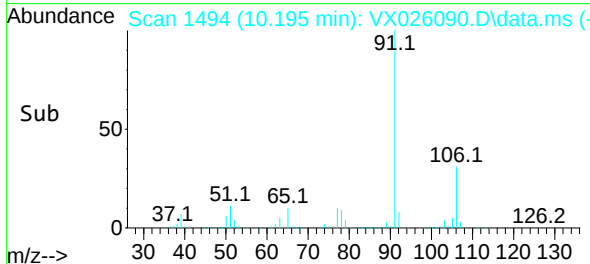
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



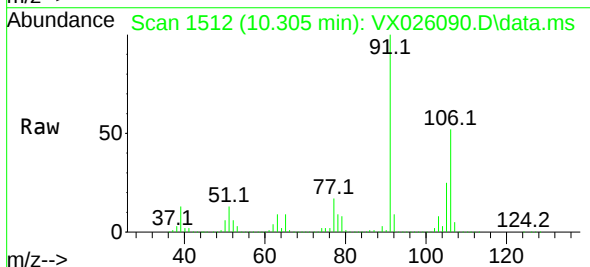
Tgt Ion: 91 Resp: 2981370
Ion Ratio Lower Upper
91 100
106 31.4 23.1 42.9

Manual Integrations
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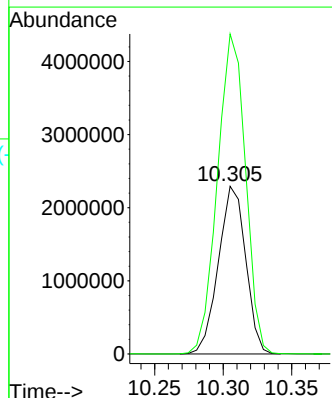
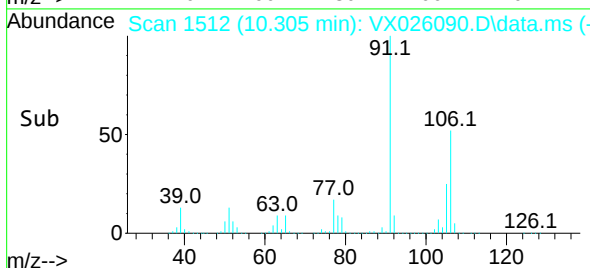
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

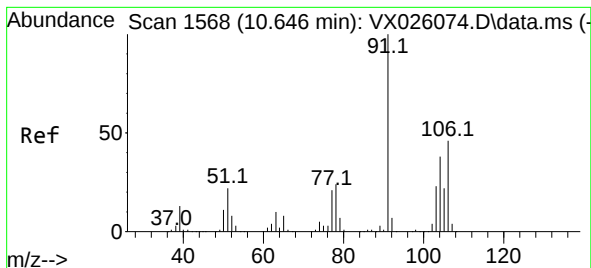


#53
m,p-Xylene
Concen: 1254.933 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



Tgt Ion:106 Resp: 3177032
Ion Ratio Lower Upper
106 100
91 190.8 136.8 254.2





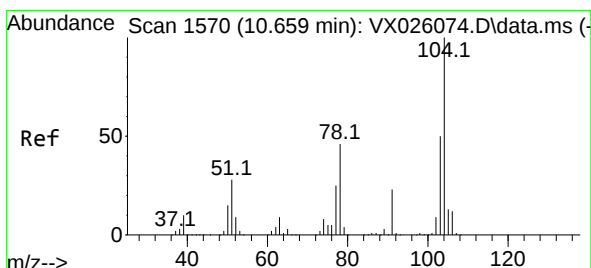
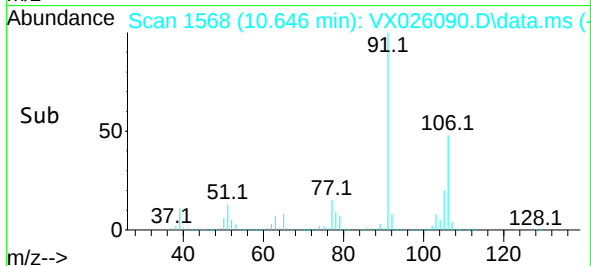
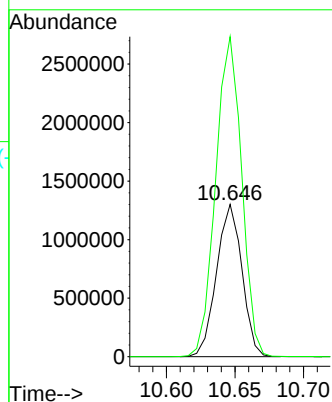
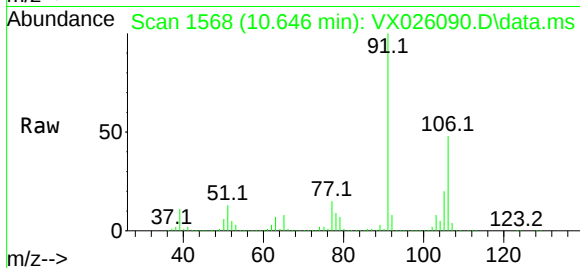
#54
o-Xylene
Concen: 668.472 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD

Tgt Ion:106 Resp: 1676290
Ion Ratio Lower Upper
106 100
91 210.2 140.5 260.9

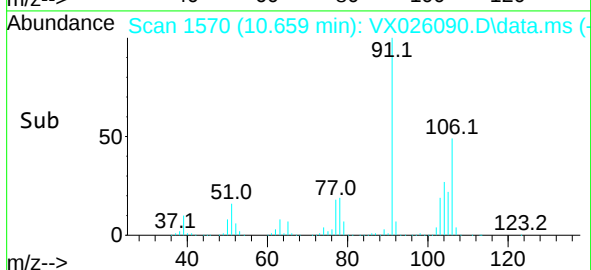
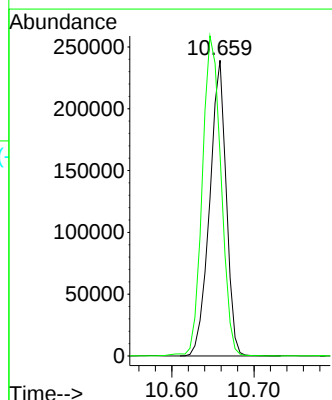
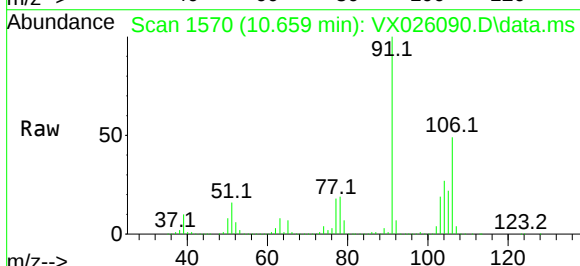
Manual Integrations
APPROVED

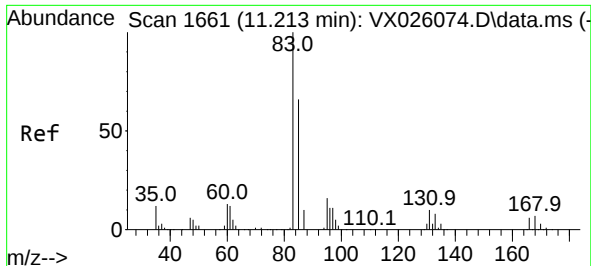
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#55
Styrene
Concen: 79.202 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion:104 Resp: 335289
Ion Ratio Lower Upper
104 100
78 68.1 28.6 53.0#





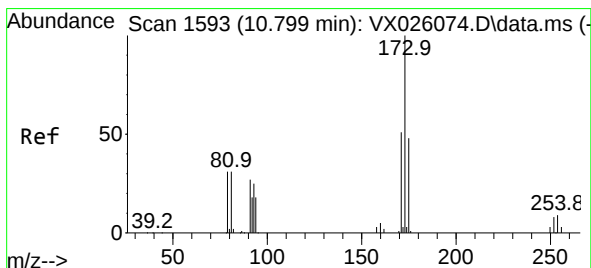
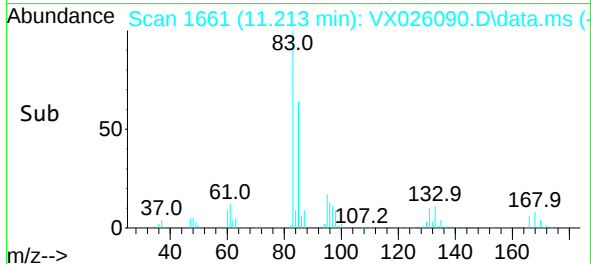
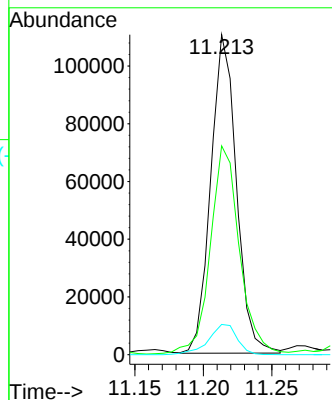
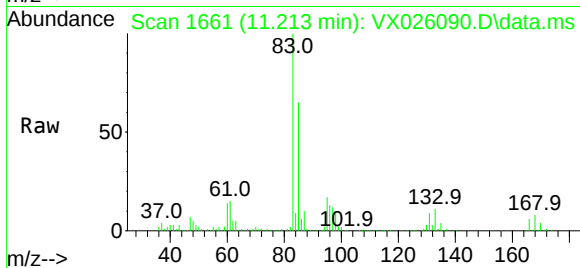
#57
1,1,2,2-Tetrachloroethane
Concen: 60.738 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD

Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
85 65.3 47.0 87.2
131 9.5 8.5 12.7

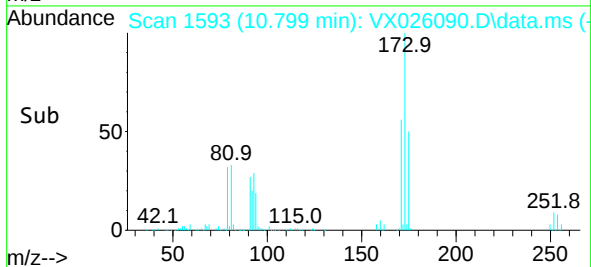
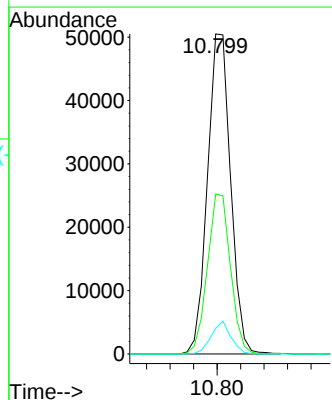
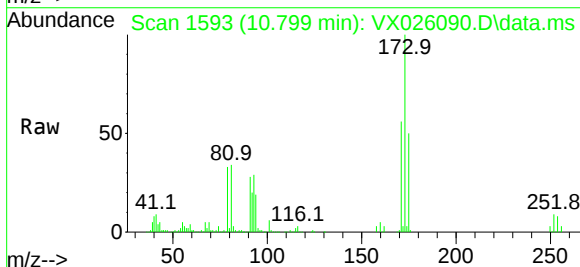
Manual Integrations
APPROVED

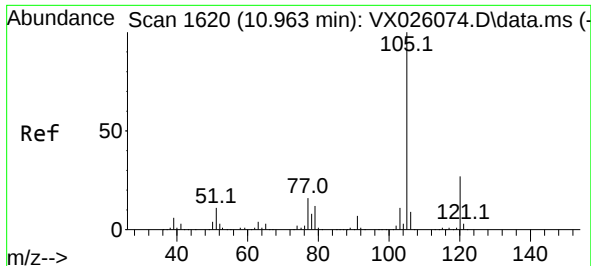
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#59
Bromoform
Concen: 66.890 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

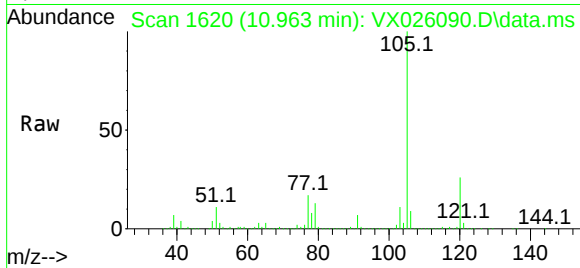
Tgt Ion:173 Resp: 69084
Ion Ratio Lower Upper
173 100
175 49.7 38.6 58.0
254 8.7 7.7 11.5





#60
Isopropylbenzene
Concen: 87.513 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

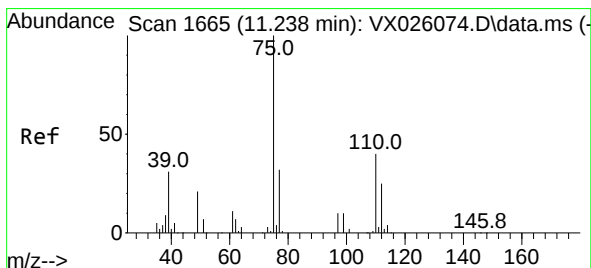
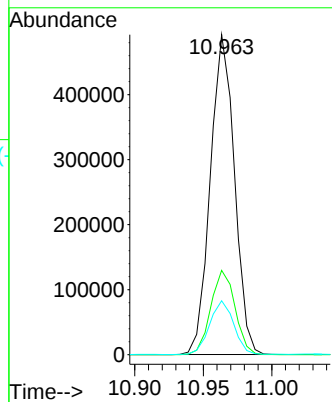
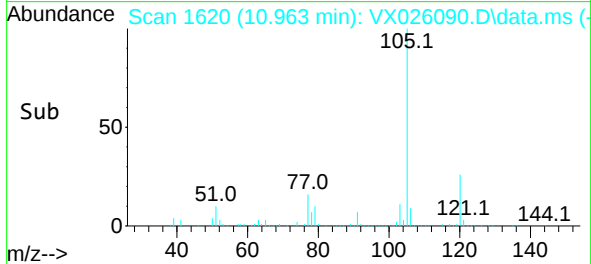
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



Tgt Ion:105 Resp: 601270
Ion Ratio Lower Upper
105 100
120 26.5 22.3 33.5
77 16.7 11.5 17.3

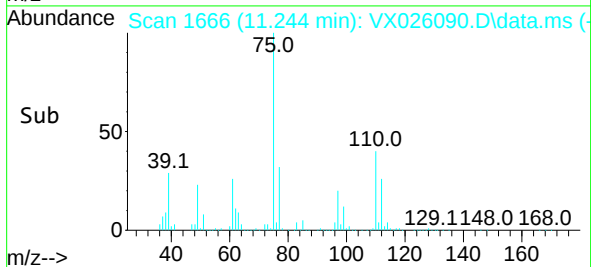
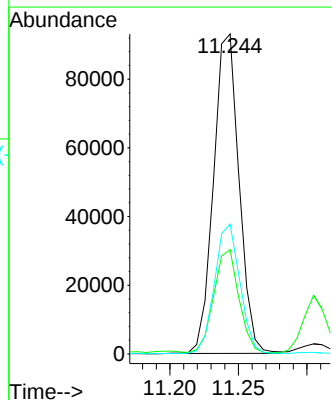
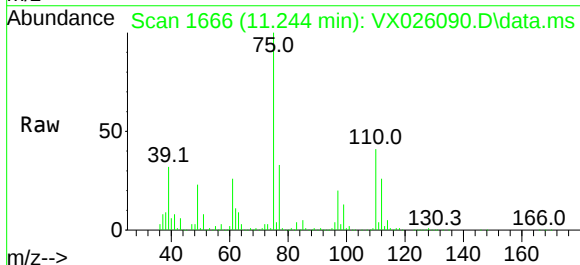
Manual Integrations
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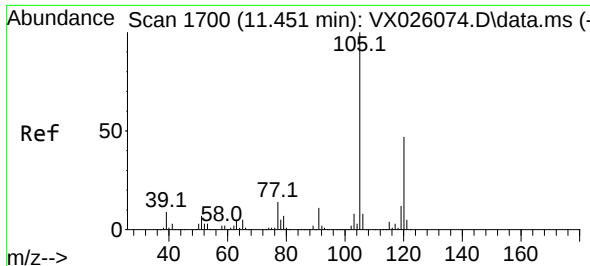
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#61
1,2,3-Trichloropropane
Concen: 60.259 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

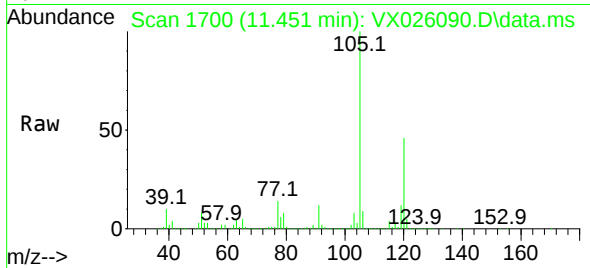
Tgt Ion: 75 Resp: 120407
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
110 40.4 34.7 52.1





#62
1,3,5-Trimethylbenzene
Concen: 163.395 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

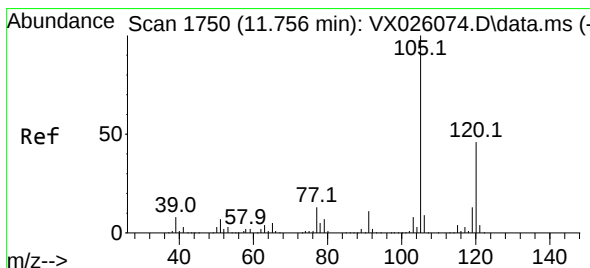
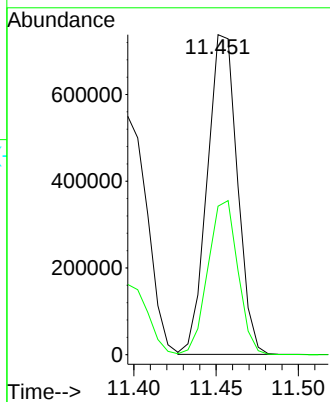
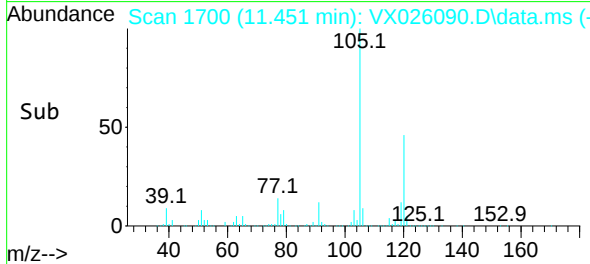
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



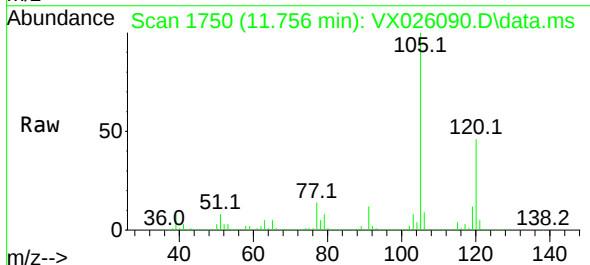
Tgt Ion:105 Resp: 93996
Ion Ratio Lower Upper
105 100
120 47.7 41.0 61.4

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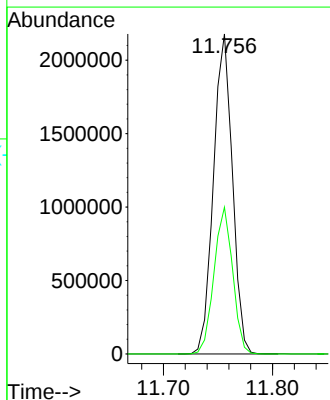
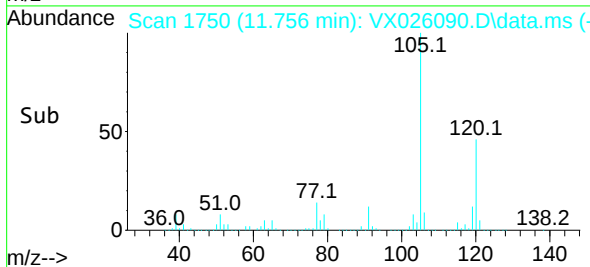
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

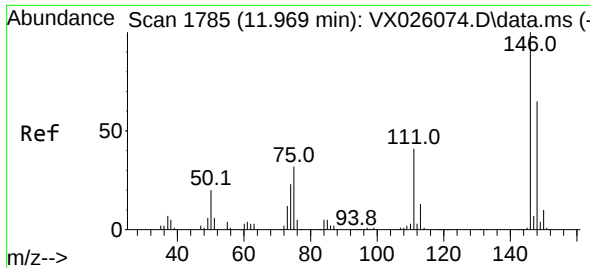


#63
1,2,4-Trimethylbenzene
Concen: 455.751 ug/L m
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



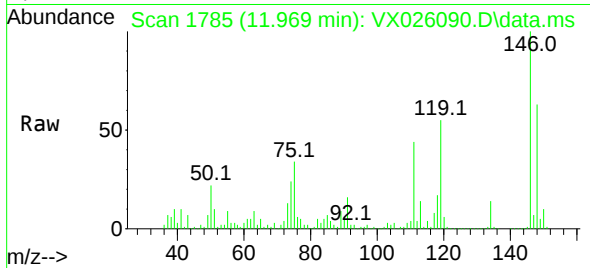
Tgt Ion:105 Resp: 2626511
Ion Ratio Lower Upper
105 100
120 0.0 0.1 0.1#





#64
1,3-Dichlorobenzene
Concen: 57.247 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

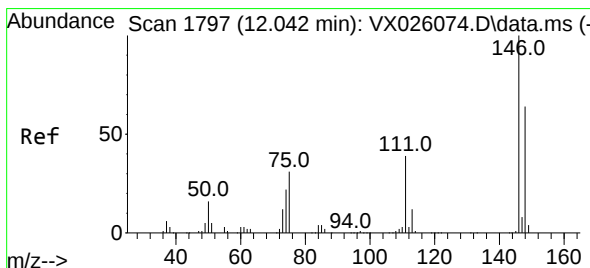
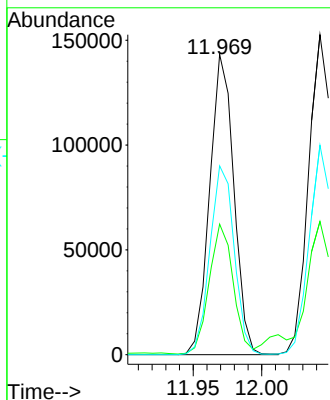
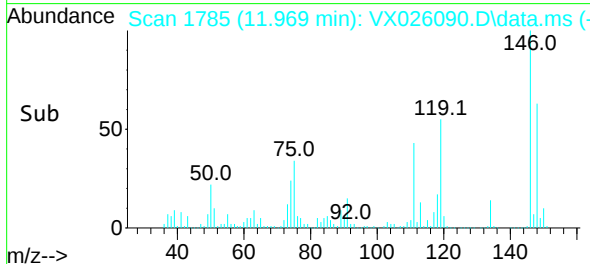
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



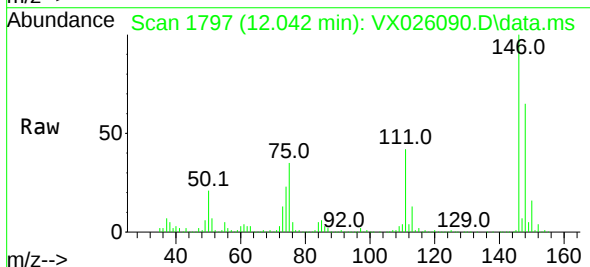
Tgt Ion:146 Resp: 17549
Ion Ratio Lower Upper
146 100
111 43.5 27.6 51.2
148 62.9 45.2 84.0

Manual Integrations
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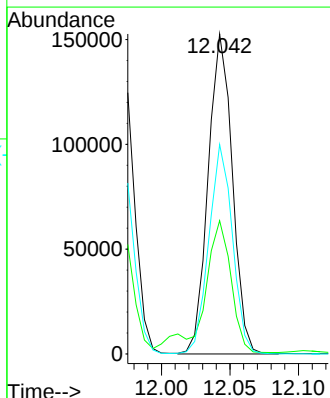
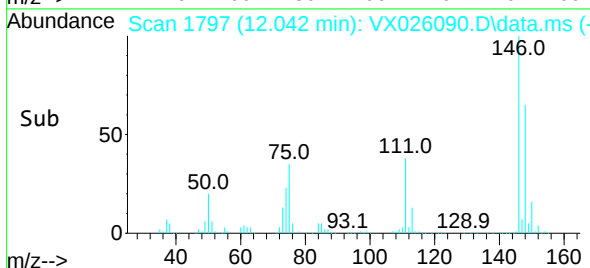
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

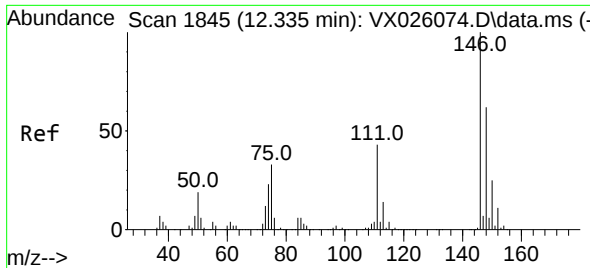


#65
1,4-Dichlorobenzene
Concen: 60.694 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



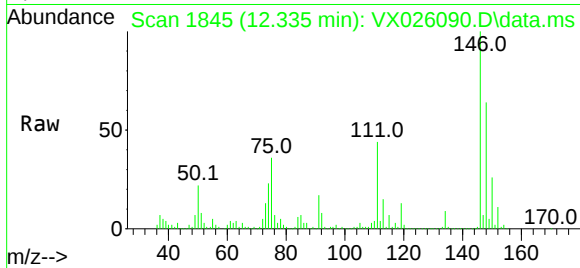
Tgt Ion:146 Resp: 187331
Ion Ratio Lower Upper
146 100
111 41.7 26.5 49.3
148 65.4 45.5 84.5





#67
1,2-Dichlorobenzene
Concen: 93.912 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

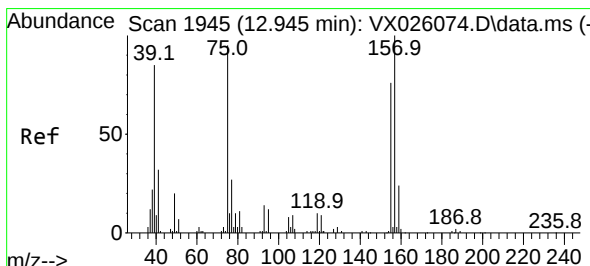
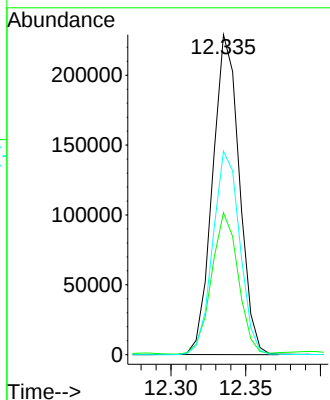
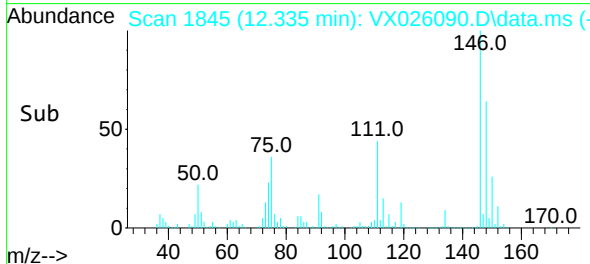
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



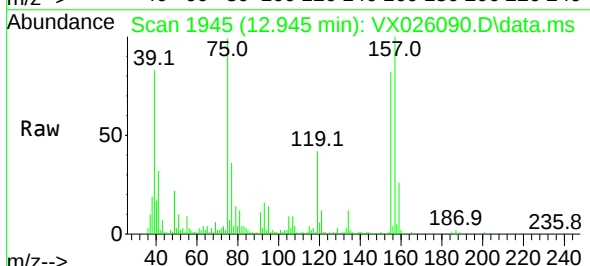
Tgt Ion:146 Resp: 28465
Ion Ratio Lower Upper
146 100
111 44.4 32.3 48.5
148 63.6 50.3 75.5

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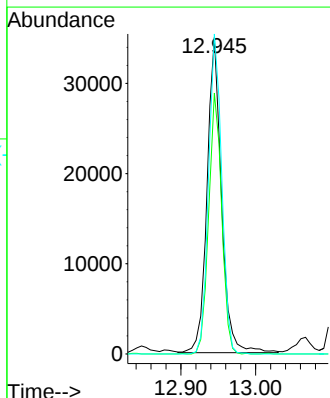
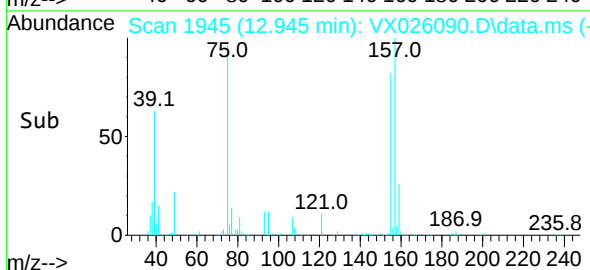
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

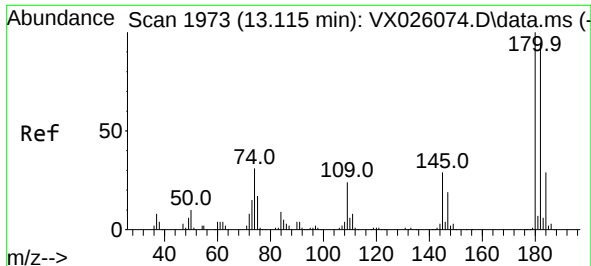


#68
1,2-Dibromo-3-chloropropane
Concen: 89.101 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54



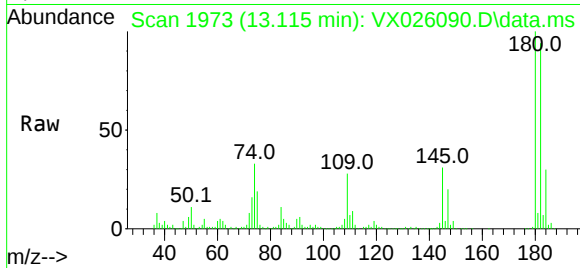
Tgt Ion: 75 Resp: 46906
Ion Ratio Lower Upper
75 100
155 82.5 79.4 119.2
157 101.1 100.4 150.6





#69
1,3,5-Trichlorobenzene
Concen: 56.371 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

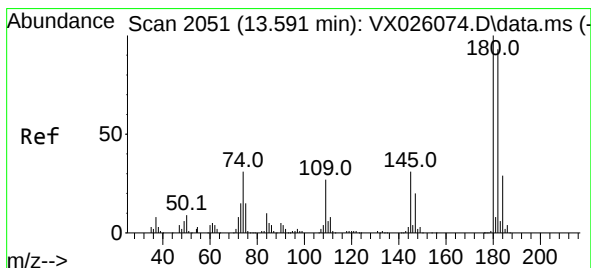
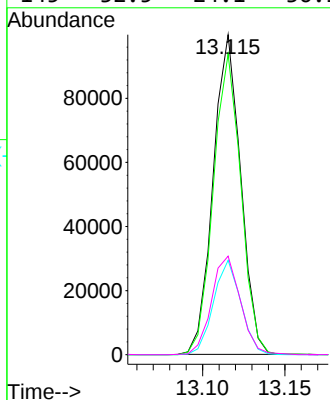
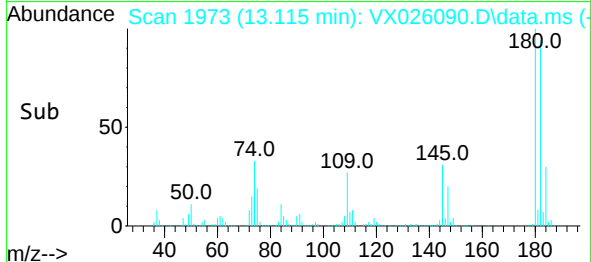
Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD



Tgt Ion:180 Resp: 11601
Ion Ratio Lower Upper
180 100
182 94.3 75.3 112.9
184 29.3 24.6 37.0
145 32.5 24.1 36.1

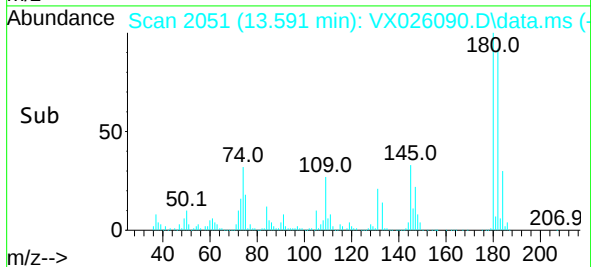
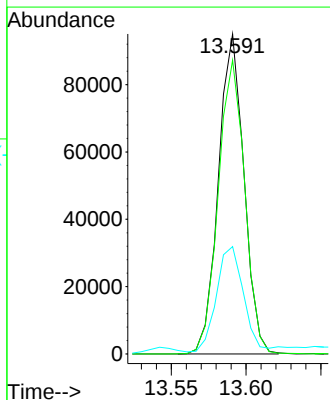
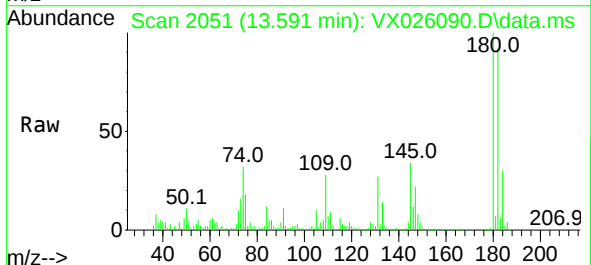
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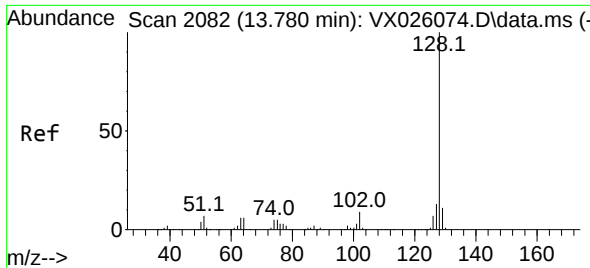
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#70
1,2,4-trichlorobenzene
Concen: 61.547 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion:180 Resp: 112799
Ion Ratio Lower Upper
180 100
182 94.8 78.2 117.4
145 34.7 24.7 37.1





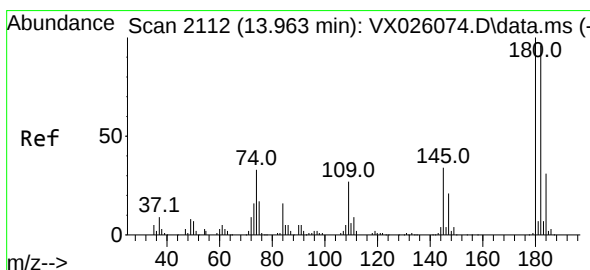
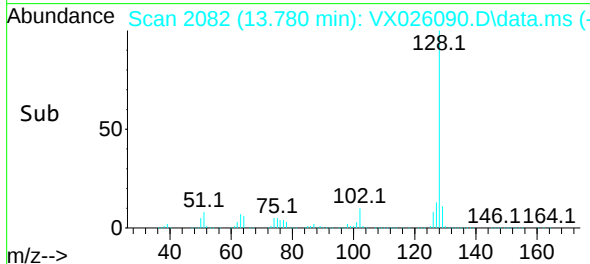
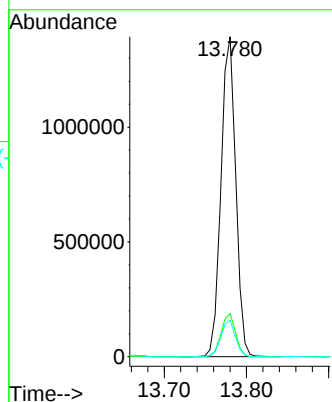
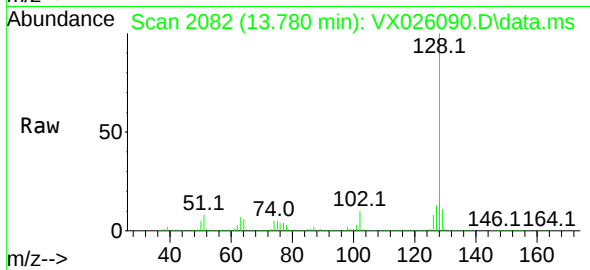
#71
Naphthalene
Concen: 250.398 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Instrument :
MSVOA_X
ClientSampleId :
GBCC1MSD

Tgt Ion:128 Resp: 1734852
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#72
1,2,3-Trichlorobenzene
Concen: 60.860 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026090.D
Acq: 28 Dec 2021 02:54

Tgt Ion:180 Resp: 115189
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 35.9 25.8 38.6

