

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040344.D
 Acq On : 20 Feb 2024 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 01:08:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63142	50.047	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.100%			
35) Dibromofluoromethane	5.379	113	47818	47.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.200%			
50) Toluene-d8	8.647	98	173109	46.062	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.120%			
62) 4-Bromofluorobenzene	11.079	95	68707	44.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51509	53.769	ug/l	96
3) Chloromethane	1.294	50	50285	50.904	ug/l	99
4) Vinyl Chloride	1.374	62	52550	50.339	ug/l	99
5) Bromomethane	1.599	94	37154	63.070	ug/l	100
6) Chloroethane	1.685	64	32007	48.615	ug/l	100
7) Trichlorofluoromethane	1.886	101	83388	49.740	ug/l	96
8) Diethyl Ether	2.130	74	30074	47.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49516	55.063	ug/l	98
10) Methyl Iodide	2.453	142	57022	57.115	ug/l	94
11) Tert butyl alcohol	2.947	59	55900	227.464	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	43752	50.531	ug/l	96
13) Acrolein	2.233	56	51219	225.801	ug/l	100
14) Allyl chloride	2.660	41	84030	55.924	ug/l	97
15) Acrylonitrile	3.056	53	144539	262.862	ug/l	98
16) Acetone	2.374	43	151310	292.005	ug/l	96
17) Carbon Disulfide	2.508	76	103448	45.256	ug/l	99
18) Methyl Acetate	2.697	43	66274	47.710	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	168280	55.168	ug/l	98
20) Methylene Chloride	2.788	84	52674	54.363	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	46974	47.636	ug/l	94
22) Diisopropyl ether	3.751	45	177810	58.350	ug/l	99
23) Vinyl Acetate	3.715	43	796685	293.272	ug/l	100
24) 1,1-Dichloroethane	3.605	63	97959	55.186	ug/l	99
25) 2-Butanone	4.544	43	205530	253.747	ug/l	98
26) 2,2-Dichloropropane	4.465	77	78263	57.275	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58225	51.759	ug/l	98
28) Bromochloromethane	4.891	49	44019	58.409	ug/l	98
29) Tetrahydrofuran	4.989	42	131807	249.778	ug/l	99
30) Chloroform	5.086	83	103330	53.841	ug/l	98
31) Cyclohexane	5.464	56	75935	50.459	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	87157	53.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	73263	52.057	ug/l	98
37) Ethyl Acetate	4.702	43	78994	50.444	ug/l	99
38) Carbon Tetrachloride	5.672	117	69957	52.280	ug/l	97
39) Methylcyclohexane	7.373	83	80447	49.187	ug/l	97
40) Benzene	6.031	78	204175	51.879	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	44896	54.081	ug/l	96
42) 1,2-Dichloroethane	6.080	62	84468	54.909	ug/l	99
43) Isopropyl Acetate	6.330	43	132821	54.333	ug/l	99
44) Trichloroethene	7.123	130	53639	49.409	ug/l	96
45) 1,2-Dichloropropane	7.428	63	56140	54.804	ug/l	99
46) Dibromomethane	7.574	93	39753	52.692	ug/l	98
47) Bromodichloromethane	7.818	83	79312	54.560	ug/l	99
48) Methyl methacrylate	7.684	41	67298	53.802	ug/l	96
49) 1,4-Dioxane	7.653	88	21868	803.632	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	434007	260.040	ug/l	98
52) Toluene	8.714	92	126261	48.978	ug/l	91
53) t-1,3-Dichloropropene	8.970	75	85634	49.515	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	89404	54.877	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57074	51.909	ug/l	95
56) Ethyl methacrylate	9.110	69	85840	52.151	ug/l	96
57) 1,3-Dichloropropane	9.305	76	95087	52.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	180149	231.359	ug/l	96
59) 2-Hexanone	9.427	43	339696	256.710	ug/l	99
60) Dibromochloromethane	9.519	129	58118	51.882	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58667	50.198	ug/l	99
64) Tetrachloroethene	9.269	164	45854	49.374	ug/l	98
65) Chlorobenzene	10.073	112	142569	51.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52320	54.617	ug/l	99
67) Ethyl Benzene	10.189	91	264508	53.696	ug/l	97
68) m/p-Xylenes	10.299	106	196074	105.391	ug/l	96
69) o-Xylene	10.640	106	96419	53.332	ug/l	96
70) Styrene	10.653	104	163952	54.545	ug/l	99
71) Bromoform	10.799	173	42324	47.146	ug/l #	100
73) Isopropylbenzene	10.957	105	262301	52.774	ug/l	99
74) N-amyl acetate	10.842	43	124388	58.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	93810	52.535	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77730m	54.394	ug/l	
77) Bromobenzene	11.195	156	61216	52.147	ug/l	98
78) n-propylbenzene	11.305	91	326653	54.285	ug/l	97
79) 2-Chlorotoluene	11.360	91	190758	52.498	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224921	53.753	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	24796	48.817	ug/l	98
82) 4-Chlorotoluene	11.451	91	223521	51.918	ug/l	100
83) tert-Butylbenzene	11.713	119	213634	52.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	225358	53.234	ug/l	99
85) sec-Butylbenzene	11.890	105	283710	53.813	ug/l	100
86) p-Isopropyltoluene	12.006	119	231086	53.471	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	122258	52.562	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	121014	49.133	ug/l	99
89) n-Butylbenzene	12.329	91	228532	54.781	ug/l	97
90) Hexachloroethane	12.536	117	38871	57.022	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115161	51.145	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20982	50.910	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	79763	51.742	ug/l	95
94) Hexachlorobutadiene	13.725	225	30104	48.931	ug/l	99
95) Naphthalene	13.774	128	250788	51.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76753	52.234	ug/l	98

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ClientSampleId :
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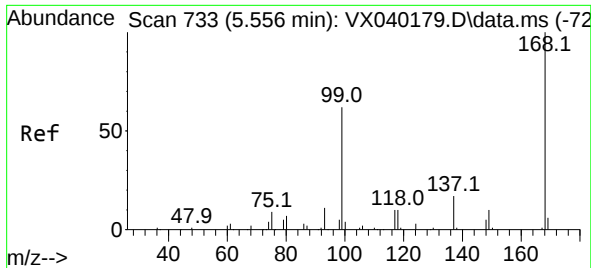
Manual Integrations
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Supervised By :Mahesh Dadoda 02/21/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

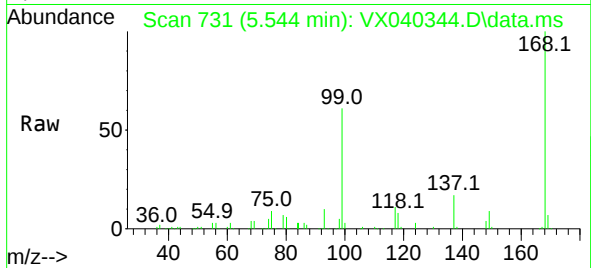
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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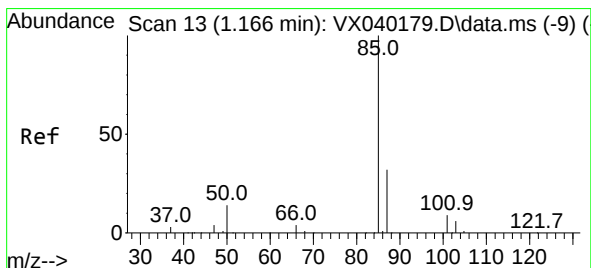
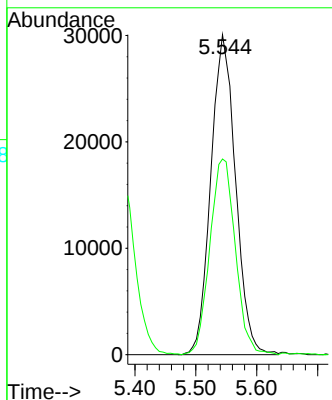
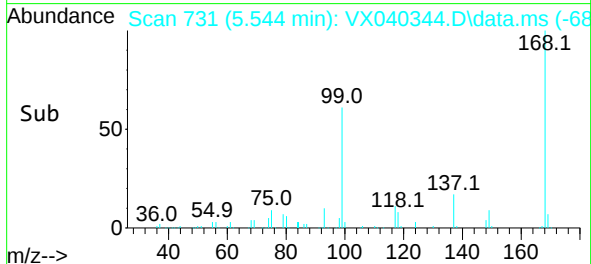
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 84800
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

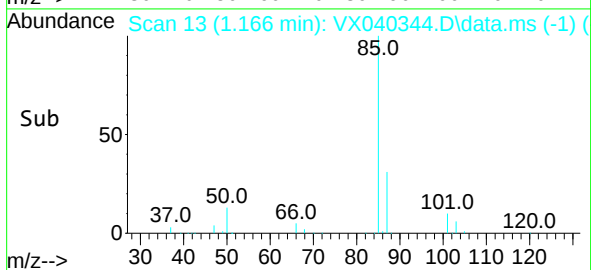
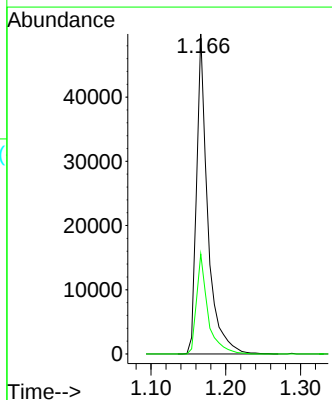
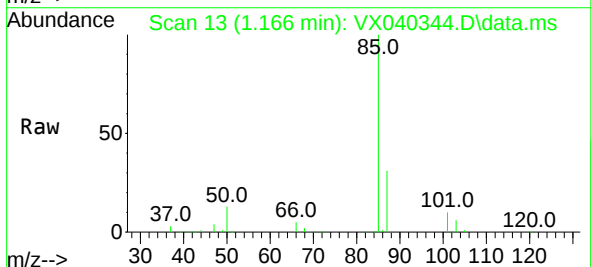
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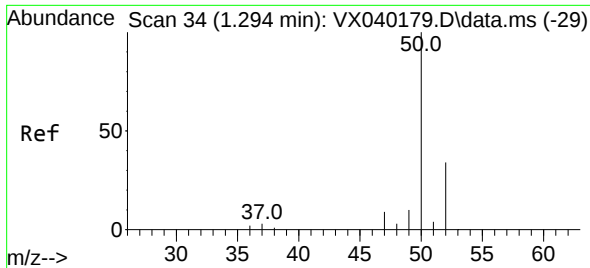
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#2
Dichlorodifluoromethane
Concen: 53.769 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

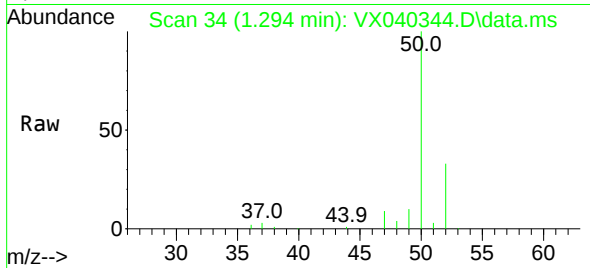
Tgt Ion: 85 Resp: 51509
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3
Chloromethane
Concen: 50.904 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

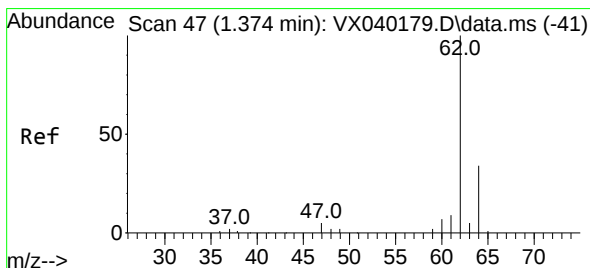
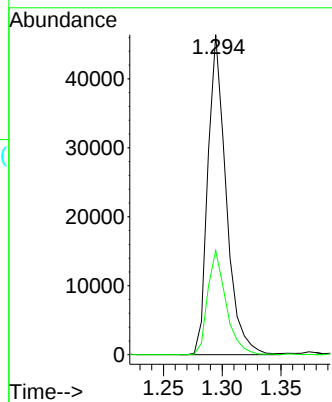
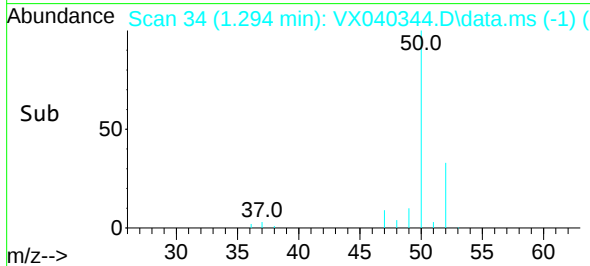
Instrument :
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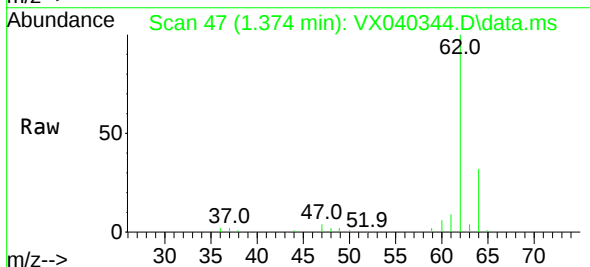
Tgt Ion: 50 Resp: 50285
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

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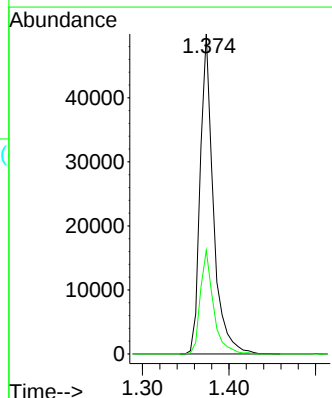
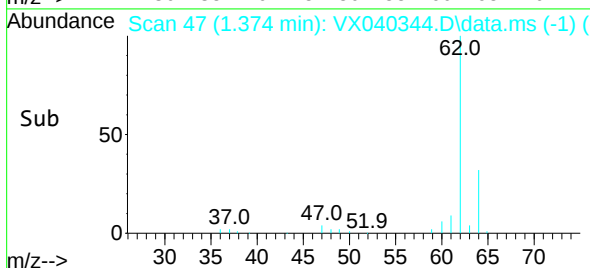
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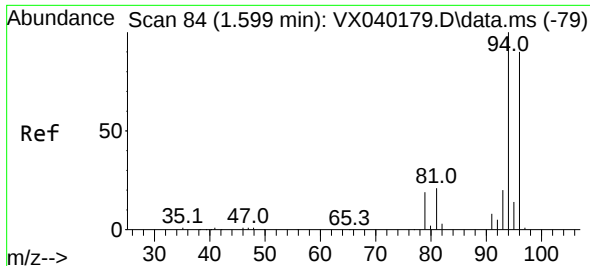


#4
Vinyl Chloride
Concen: 50.339 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



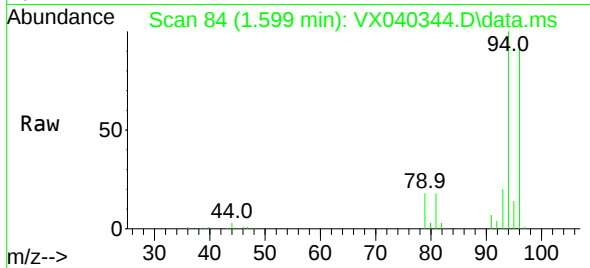
Tgt Ion: 62 Resp: 52550
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 63.070 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

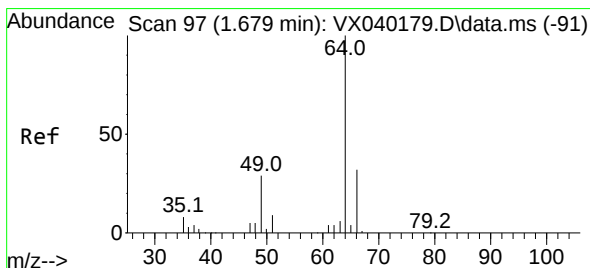
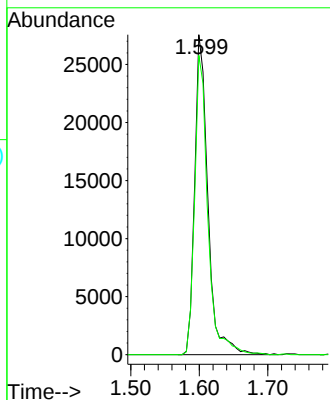
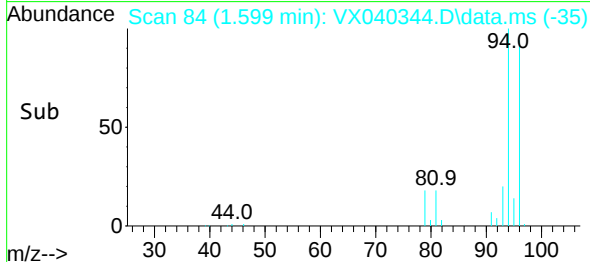
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Tgt Ion: 94 Resp: 37154
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

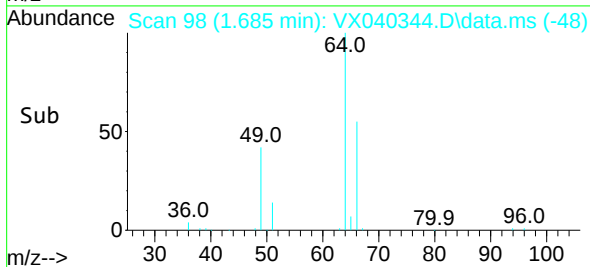
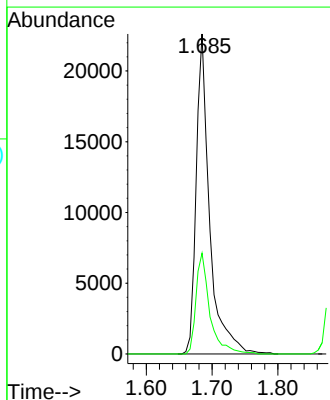
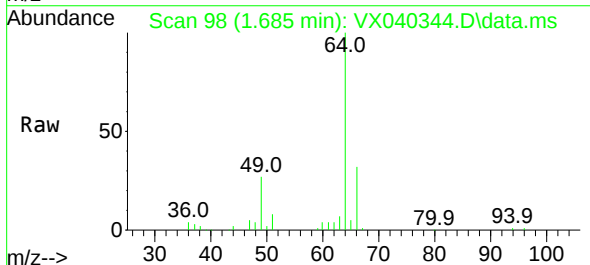
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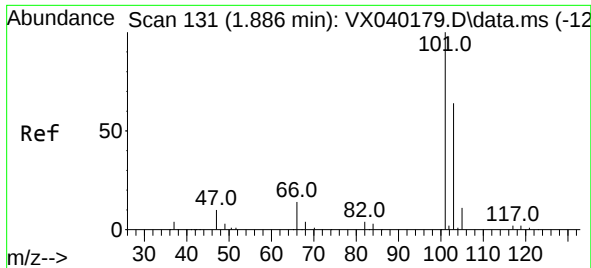
Reviewed By :John Carlone 02/21/2024
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#6
Chloroethane
Concen: 48.615 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040344.D
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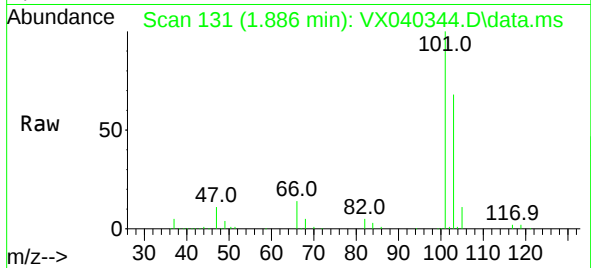
Tgt Ion: 64 Resp: 32007
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.740 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

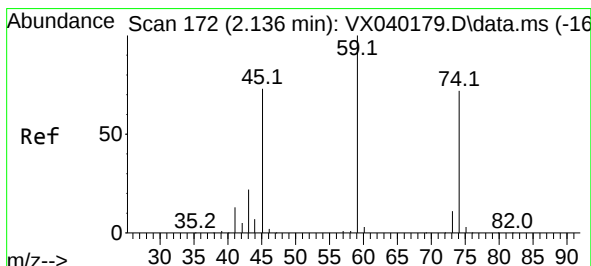
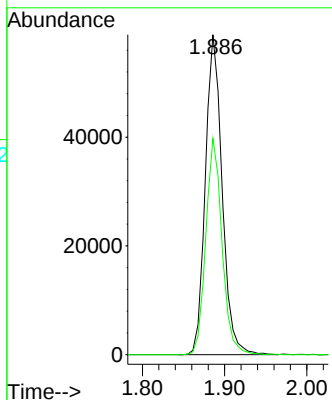
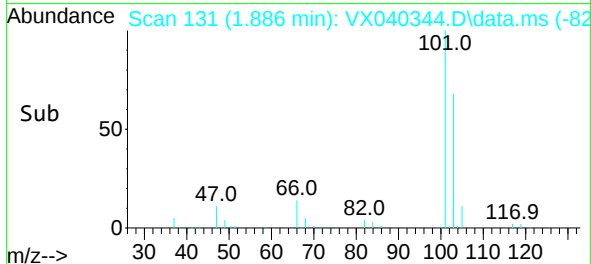
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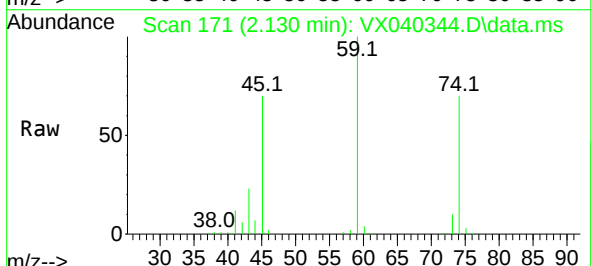
Tgt Ion:101 Resp: 8338
Ion Ratio Lower Upper
101 100
103 67.6 51.4 77.2

Manual Integrations
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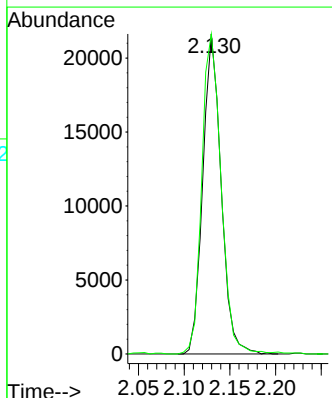
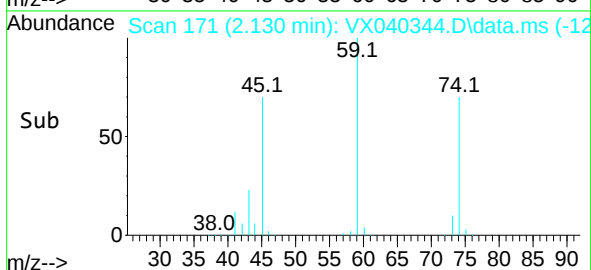
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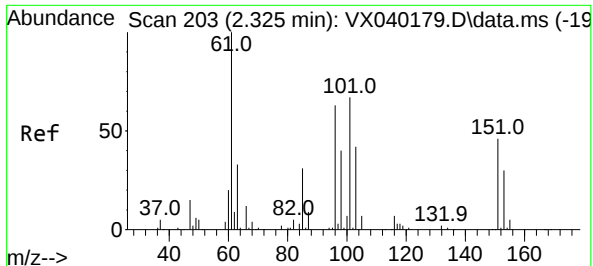


#8
Diethyl Ether
Concen: 47.754 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



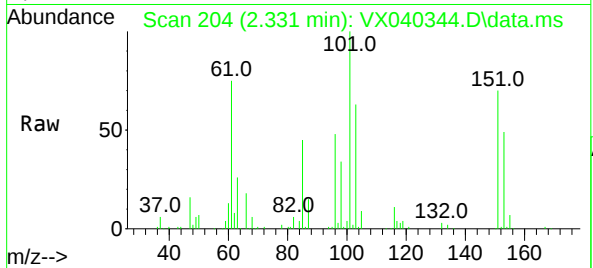
Tgt Ion: 74 Resp: 30074
Ion Ratio Lower Upper
74 100
45 105.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.063 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040344.D
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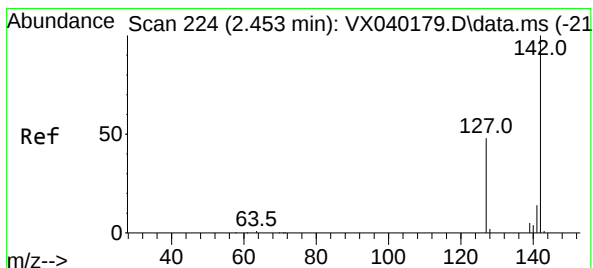
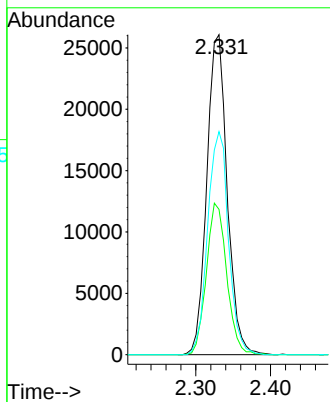
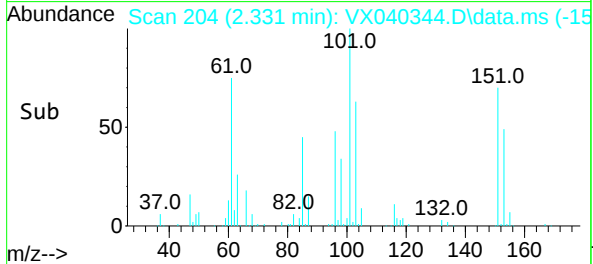
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 49510
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 71.2 58.6 87.8

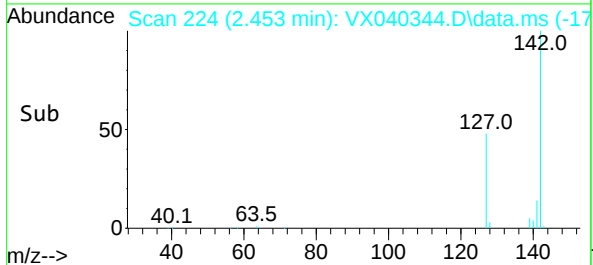
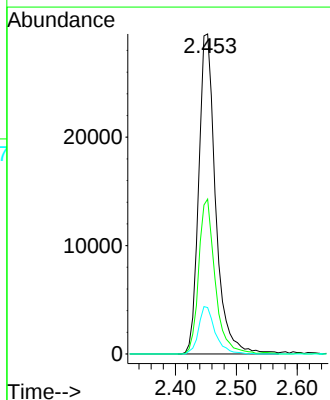
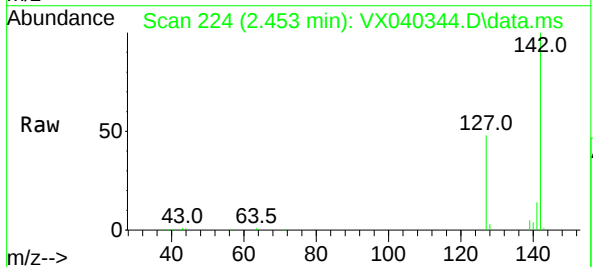
Manual Integrations
APPROVED

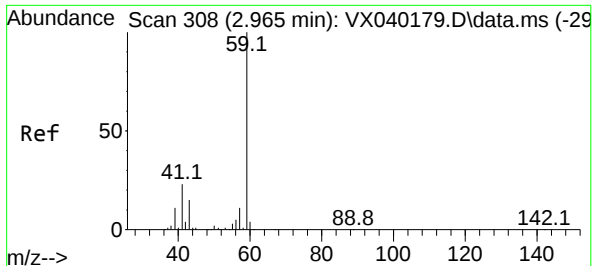
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 57.115 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

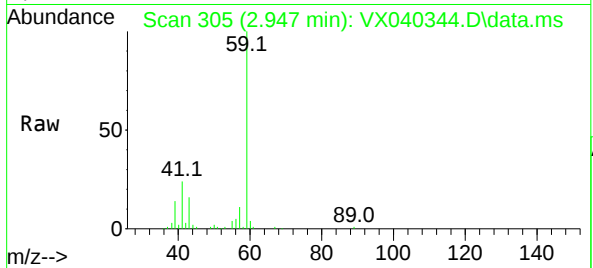
Tgt Ion:142 Resp: 57022
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 227.464 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

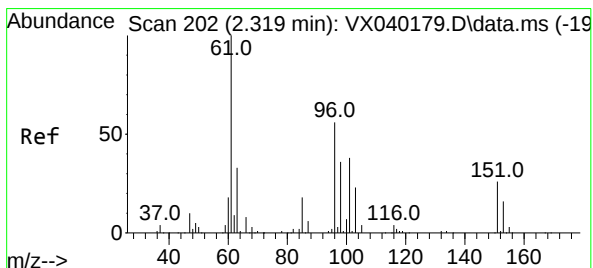
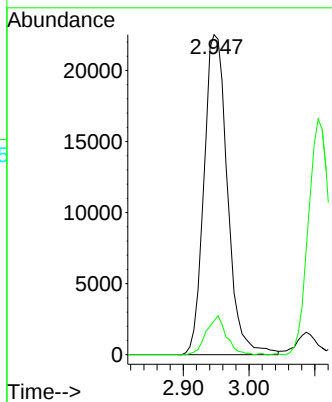
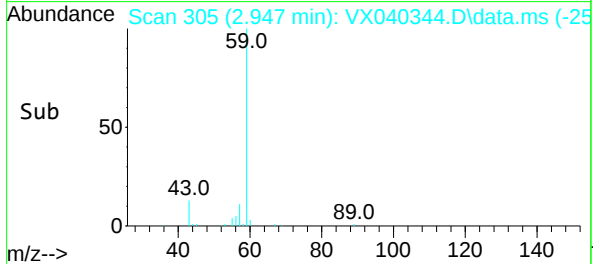
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



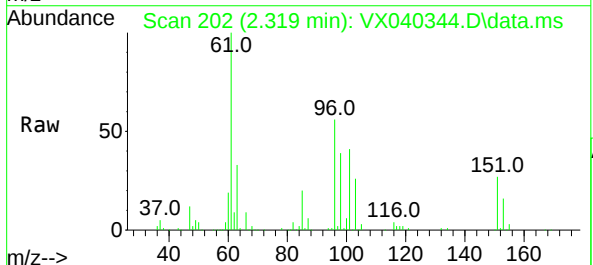
Tgt Ion: 59 Resp: 55900
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

Manual Integrations
APPROVED

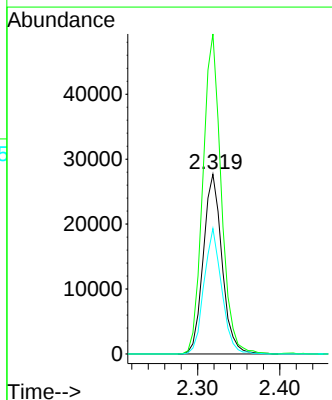
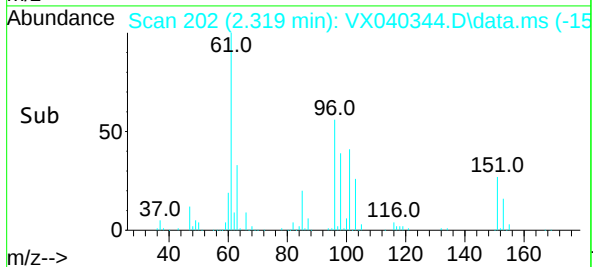
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

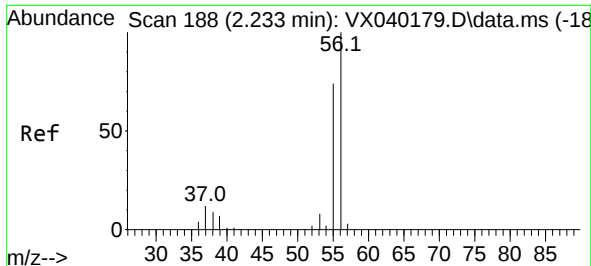


#12
1,1-Dichloroethene
Concen: 50.531 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



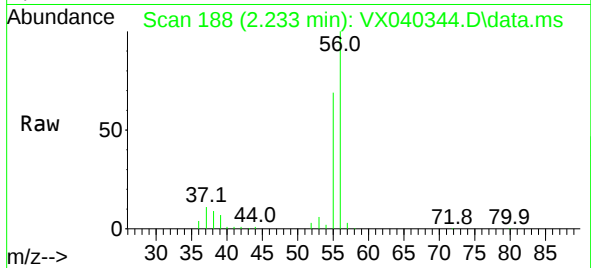
Tgt Ion: 96 Resp: 43752
Ion Ratio Lower Upper
96 100
61 178.2 144.6 216.8
98 69.8 50.4 75.6





#13
Acrolein
Concen: 225.801 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

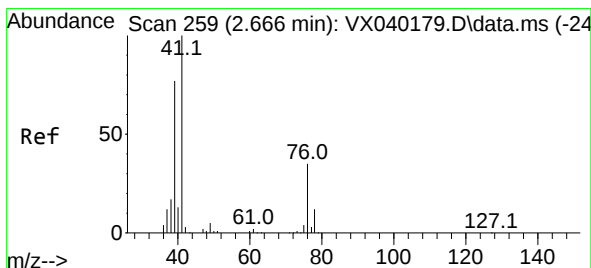
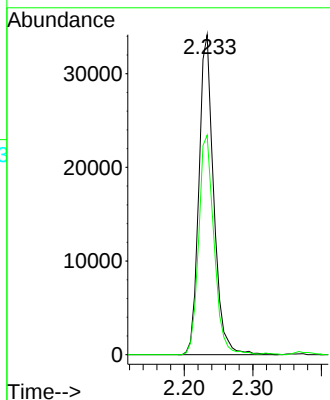
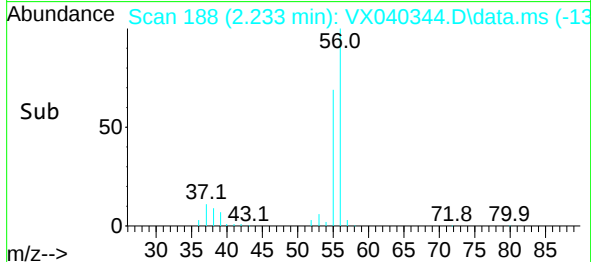
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 51219
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

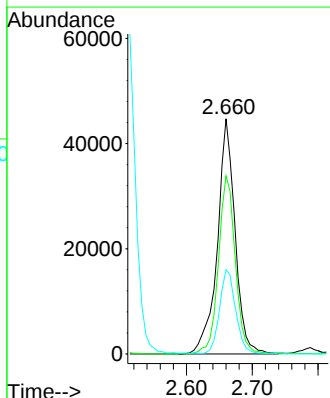
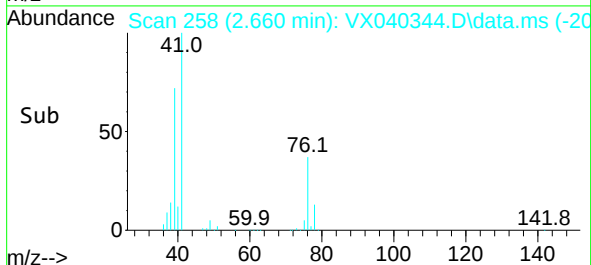
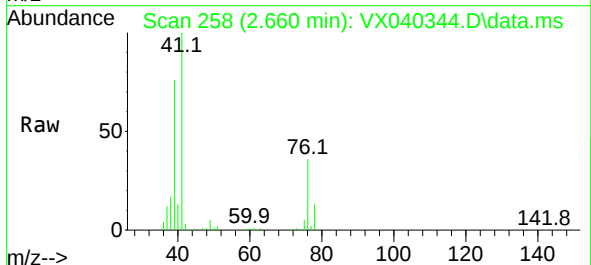
Manual Integrations
APPROVED

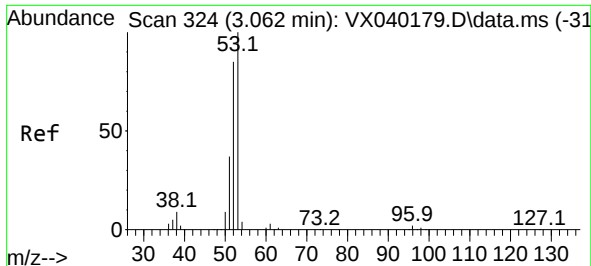
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#14
Allyl chloride
Concen: 55.924 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion: 41 Resp: 84030
Ion Ratio Lower Upper
41 100
39 72.0 55.8 83.6
76 32.7 24.3 36.5





#15

Acrylonitrile

Concen: 262.862 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 144539

Ion Ratio Lower Upper

53 100

52 84.5 66.0 99.0

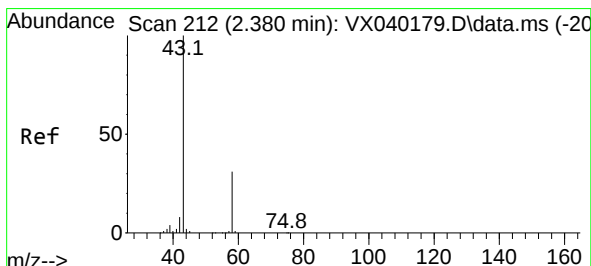
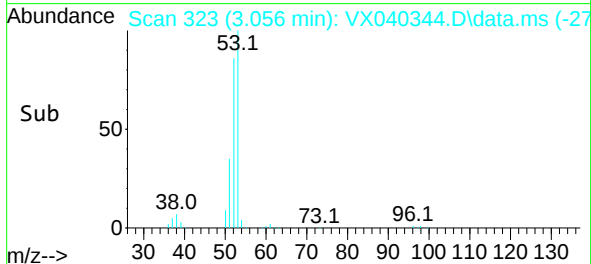
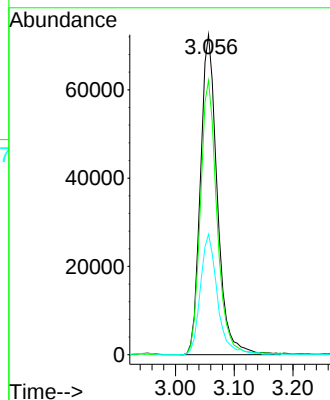
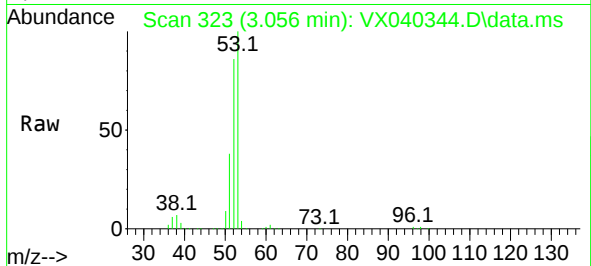
51 38.2 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#16

Acetone

Concen: 292.005 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040344.D

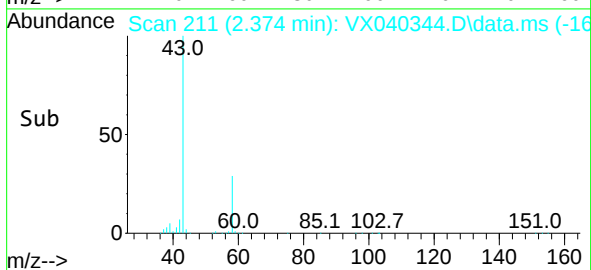
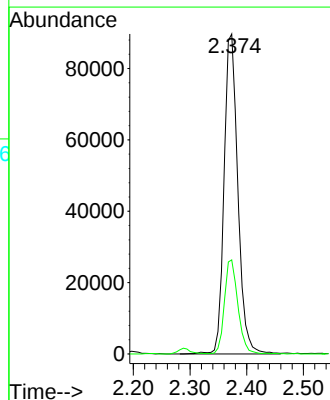
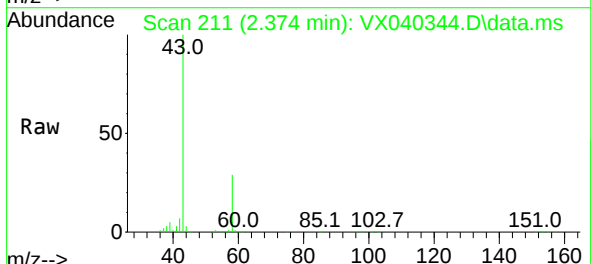
Acq: 20 Feb 2024 10:19

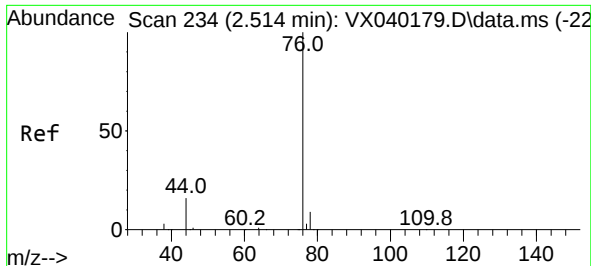
Tgt Ion: 43 Resp: 151310

Ion Ratio Lower Upper

43 100

58 29.3 21.9 32.9





#17

Carbon Disulfide

Concen: 45.256 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10344

Ion Ratio Lower Upper

76 100

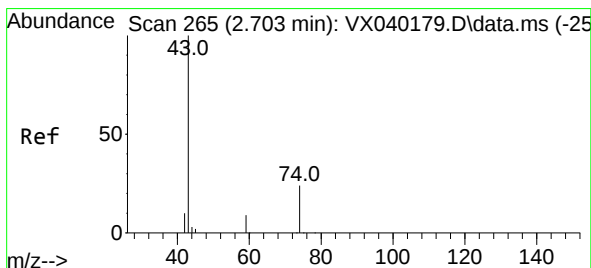
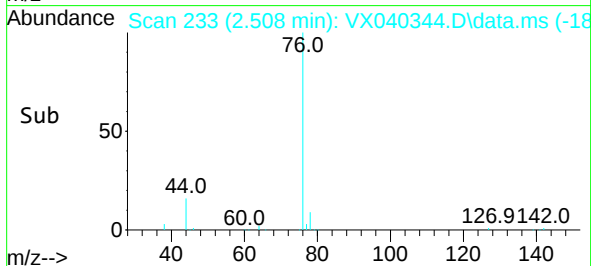
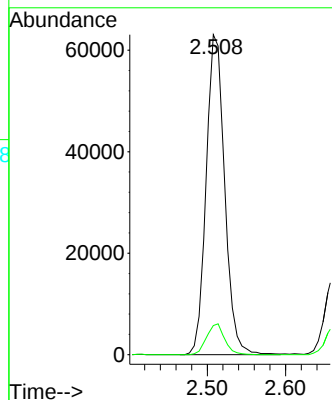
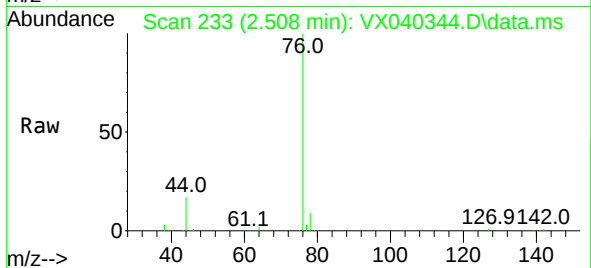
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#18

Methyl Acetate

Concen: 47.710 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX040344.D

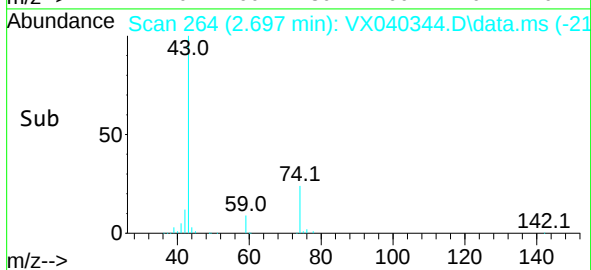
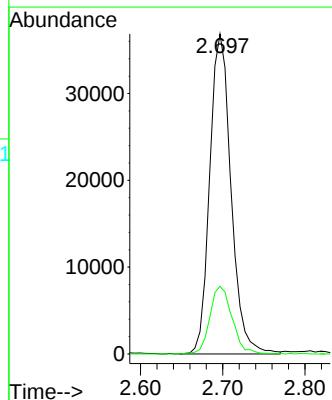
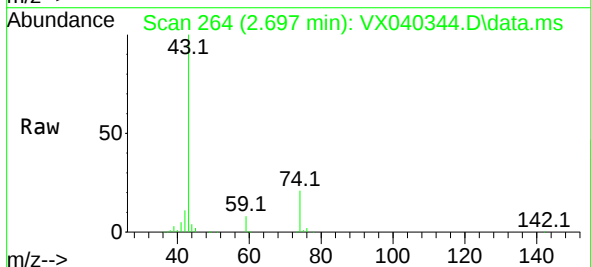
Acq: 20 Feb 2024 10:19

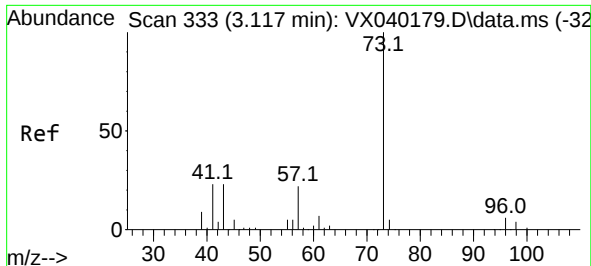
Tgt Ion: 43 Resp: 66274

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.8





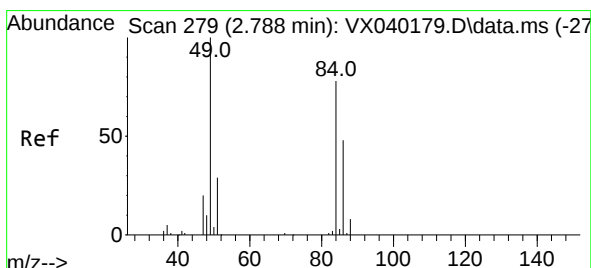
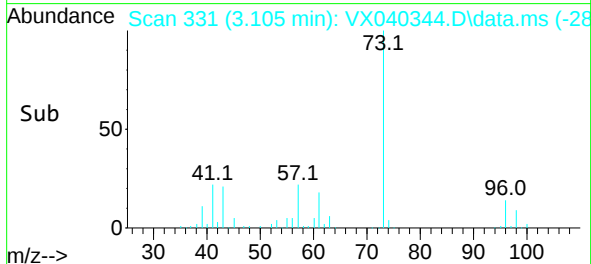
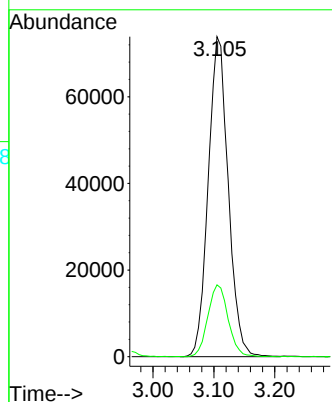
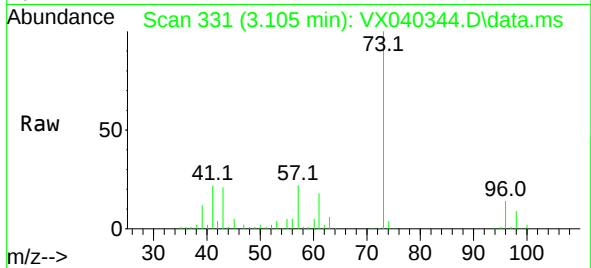
#19
Methyl tert-butyl Ether
Concen: 55.168 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 168280
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

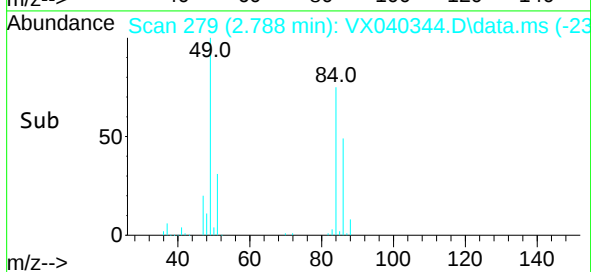
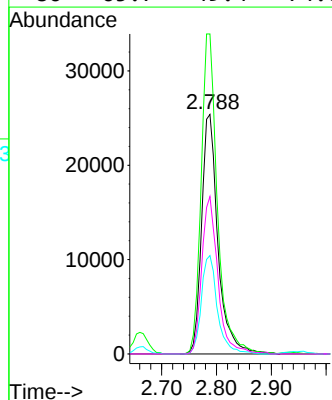
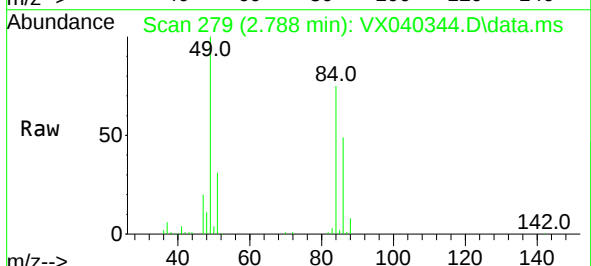
Manual Integrations
APPROVED

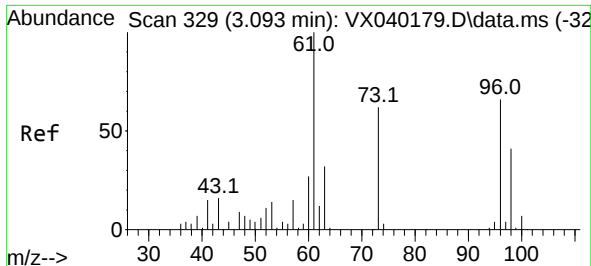
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 54.363 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

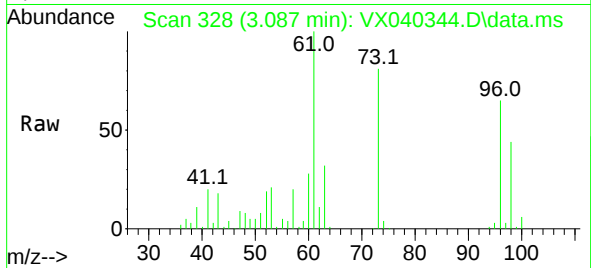
Tgt Ion: 84 Resp: 52674
Ion Ratio Lower Upper
84 100
49 133.6 103.6 155.4
51 41.1 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.636 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

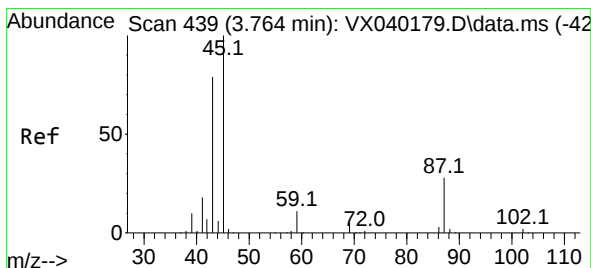
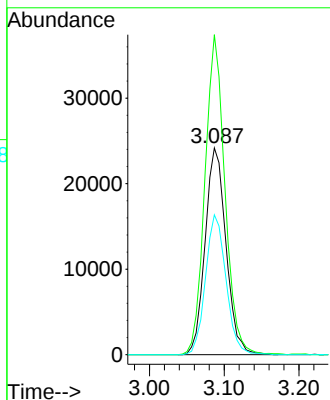
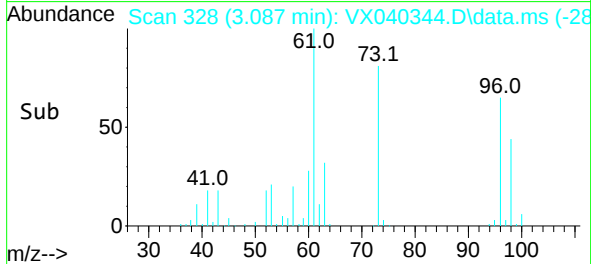
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



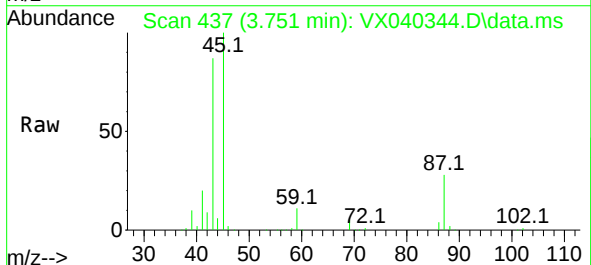
Tgt Ion: 96 Resp: 46974
Ion Ratio Lower Upper
96 100
61 154.7 119.2 178.8
98 67.6 48.7 73.1

Manual Integrations
APPROVED

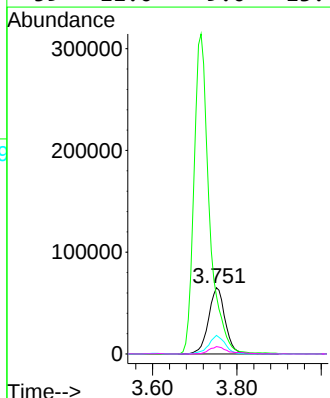
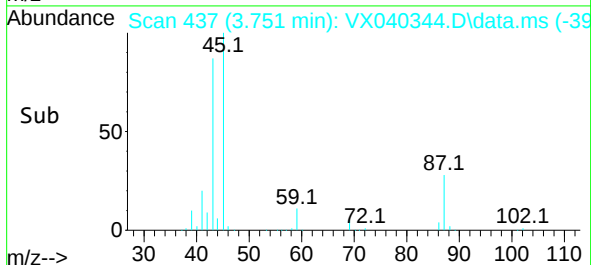
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

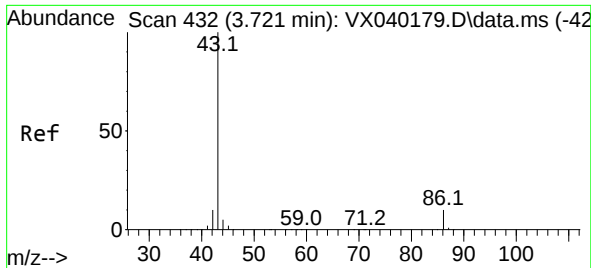


#22
Diisopropyl ether
Concen: 58.350 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



Tgt Ion: 45 Resp: 177810
Ion Ratio Lower Upper
45 100
43 87.4 69.7 104.5
87 28.0 20.8 31.2
59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 293.272 ug/l

RT: 3.715 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 79668

Ion Ratio Lower Upper

43 100

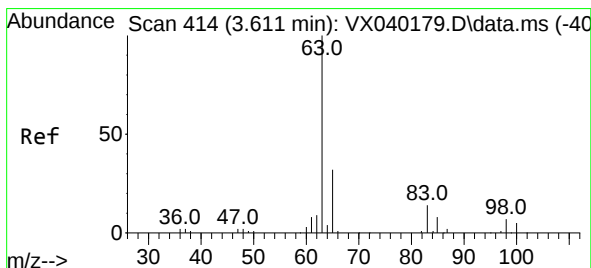
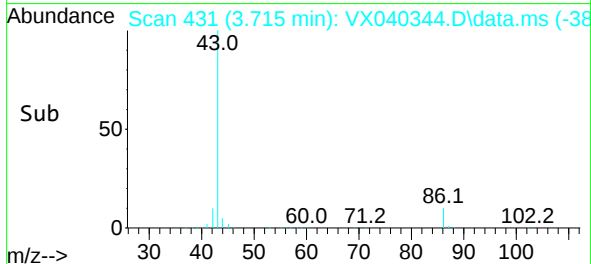
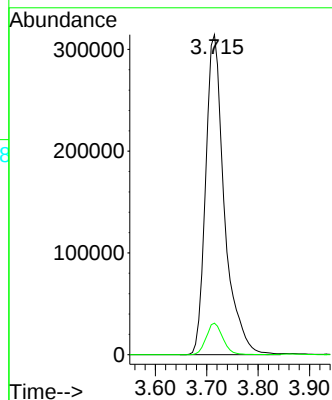
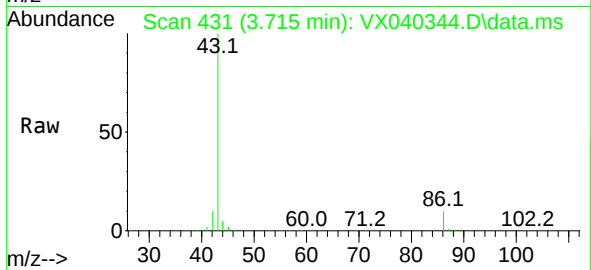
86 9.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#24

1,1-Dichloroethane

Concen: 55.186 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

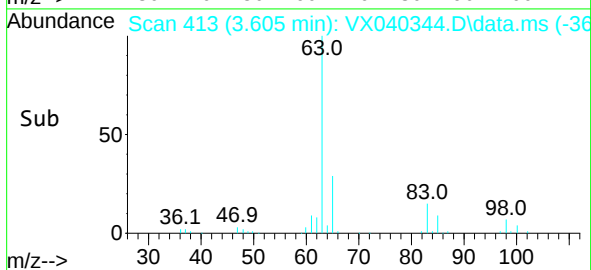
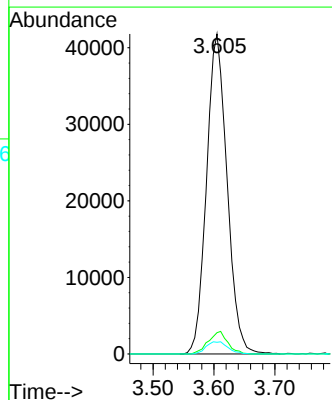
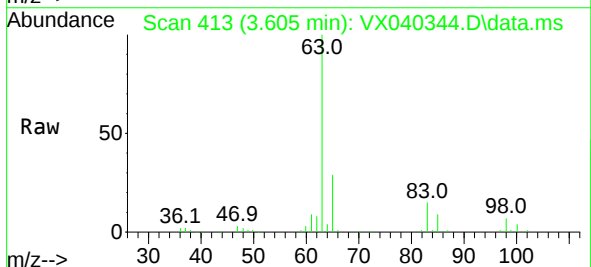
Tgt Ion: 63 Resp: 97959

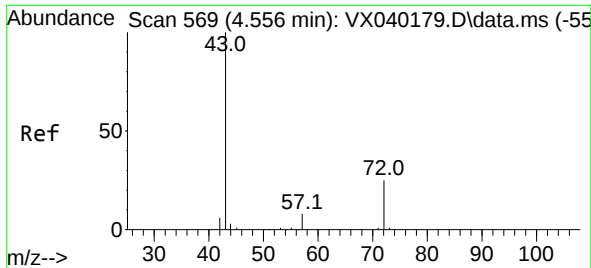
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.7 2.1 6.5





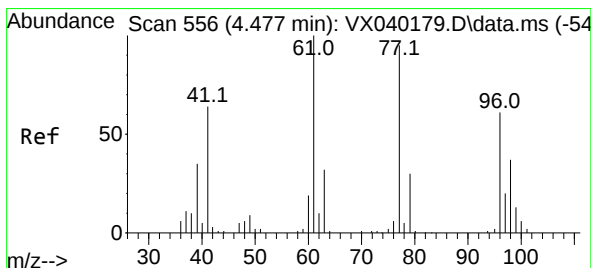
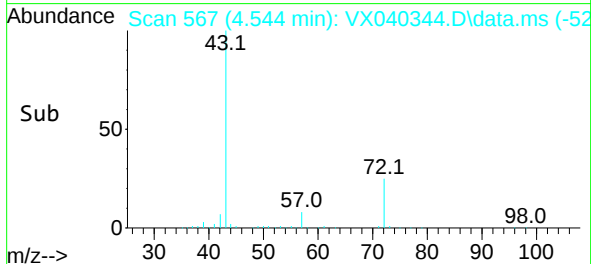
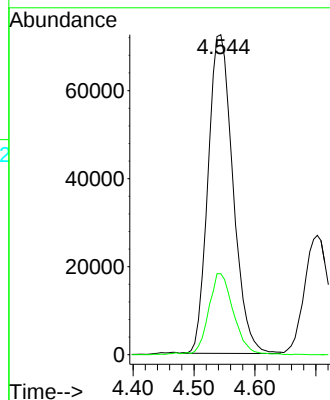
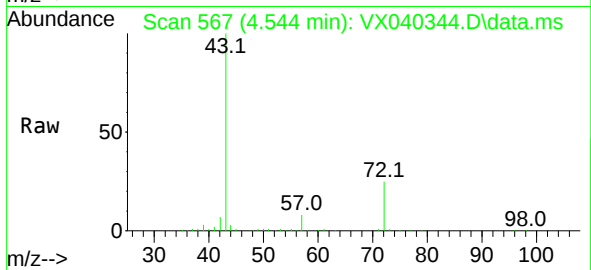
#25
2-Butanone
Concen: 253.747 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 205530
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

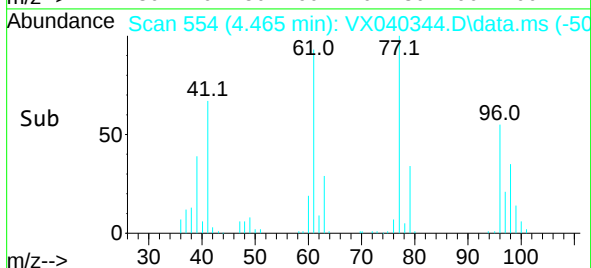
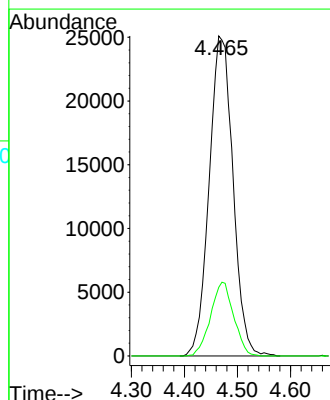
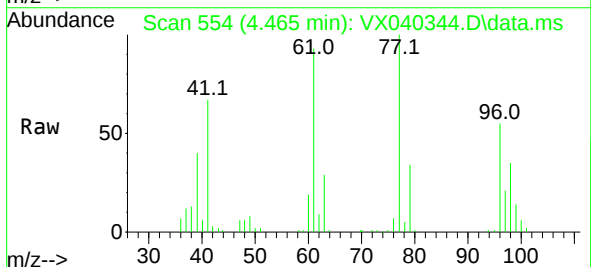
Manual Integrations
APPROVED

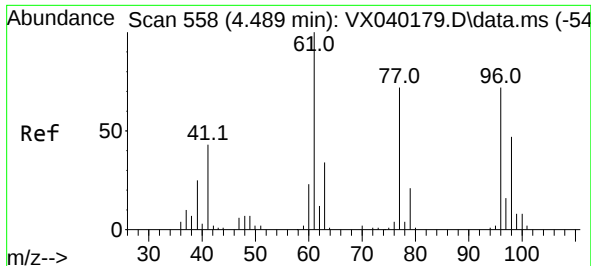
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#26
2,2-Dichloropropane
Concen: 57.275 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

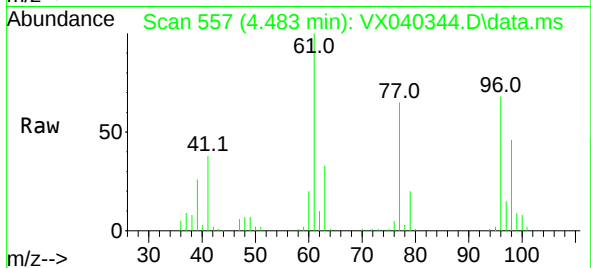
Tgt Ion: 77 Resp: 78263
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.759 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040344.D
 Acq: 20 Feb 2024 10:19

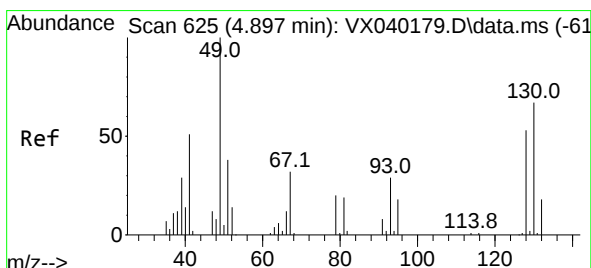
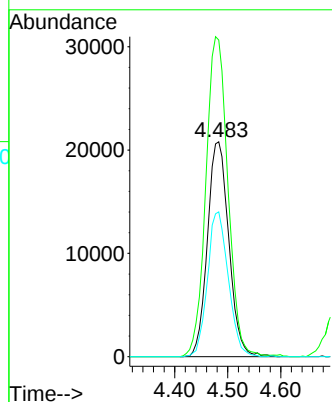
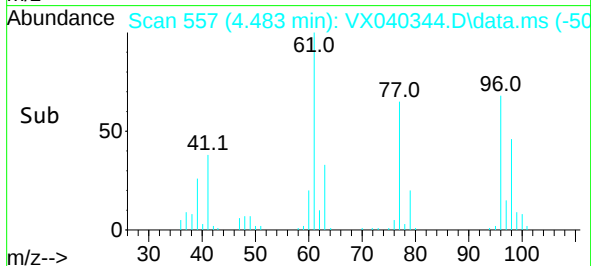
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 58225
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 312.2
 98 65.8 0.0 129.0

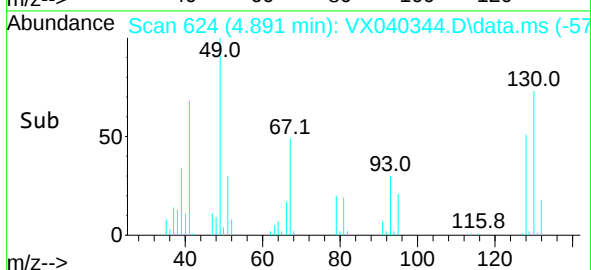
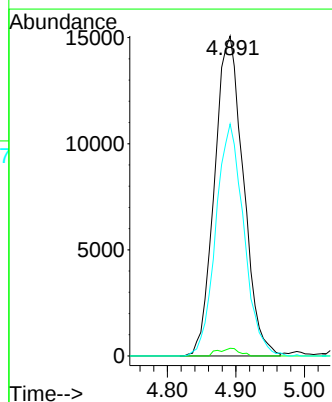
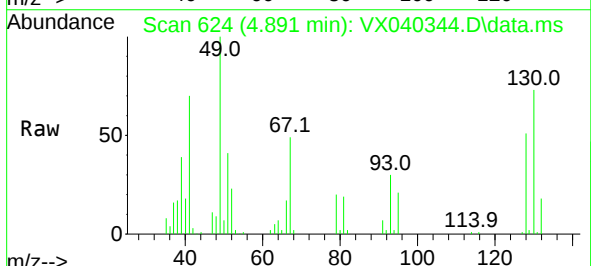
Manual Integrations
 APPROVED

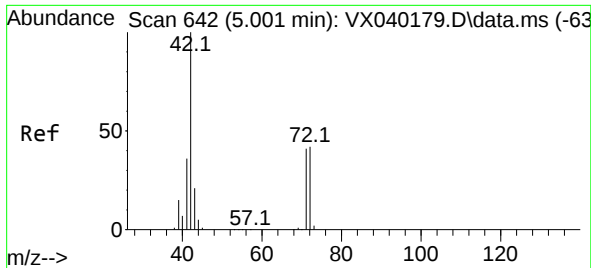
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024



#28
 Bromochloromethane
 Concen: 58.409 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX040344.D
 Acq: 20 Feb 2024 10:19

Tgt Ion: 49 Resp: 44019
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.5 57.5 86.3





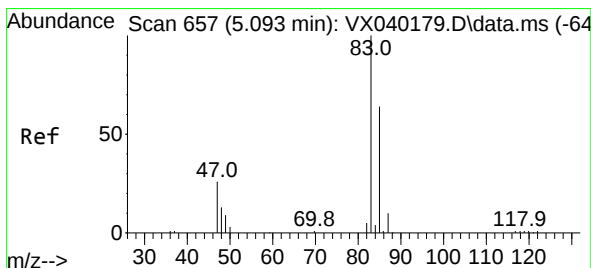
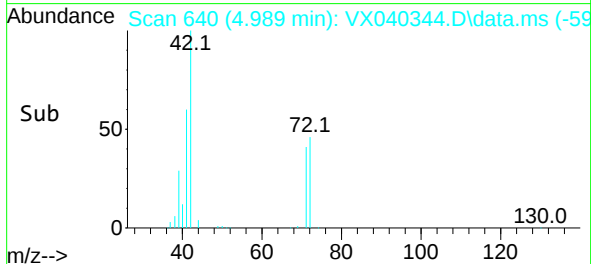
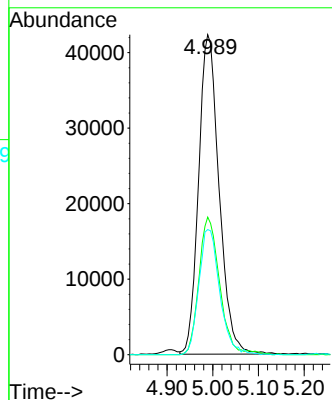
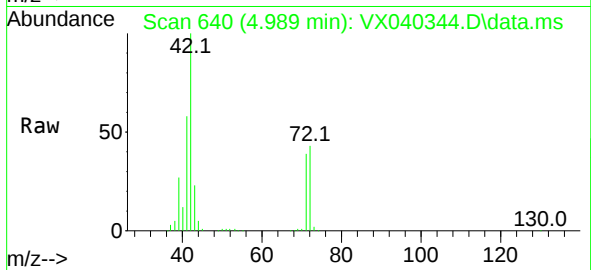
#29
Tetrahydrofuran
Concen: 249.778 ug/l
RT: 4.989 min Scan# 642
Delta R.T. -0.018 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 13180
Ion Ratio Lower Upper
42 100
72 43.7 34.2 51.4
71 40.0 32.2 48.2

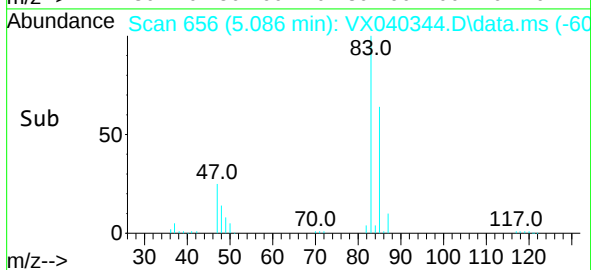
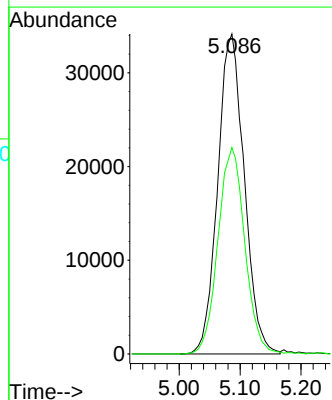
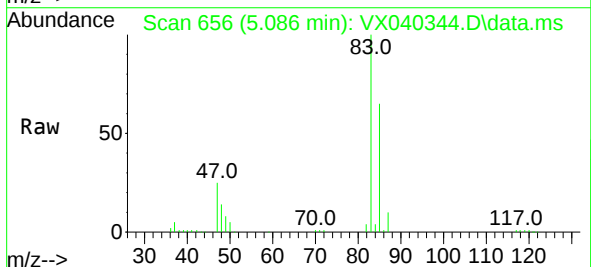
Manual Integrations
APPROVED

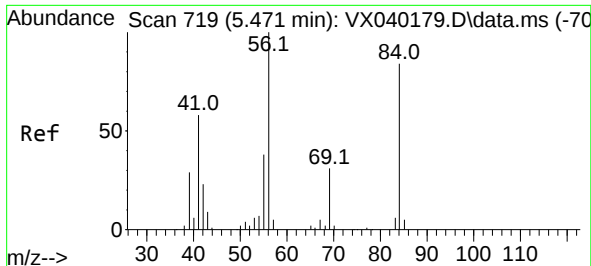
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#30
Chloroform
Concen: 53.841 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

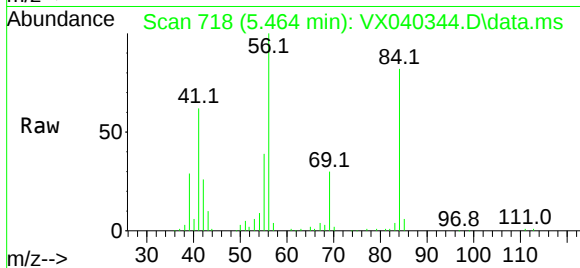
Tgt Ion: 83 Resp: 103330
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 50.459 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

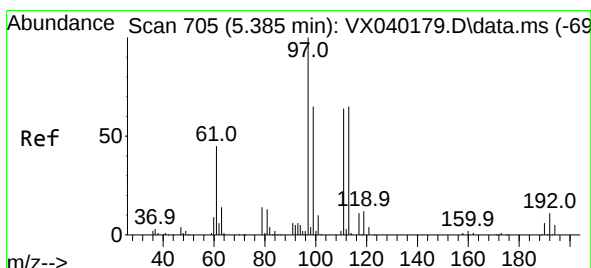
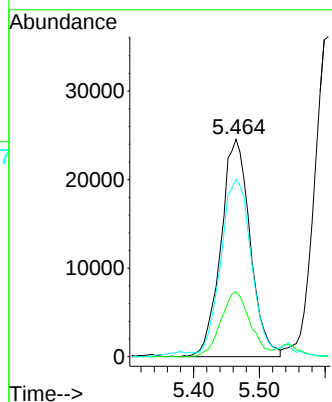
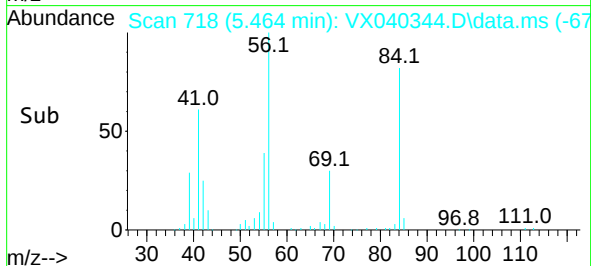
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



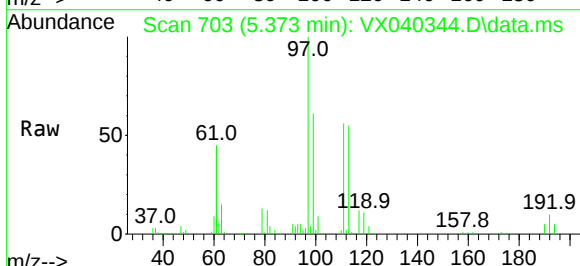
Tgt Ion: 56 Resp: 7593
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 79.0 65.9 98.9

Manual Integrations
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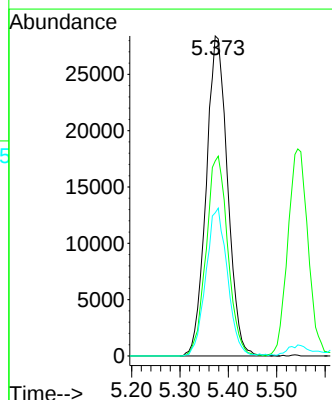
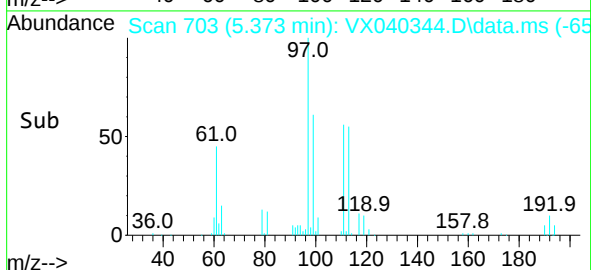
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

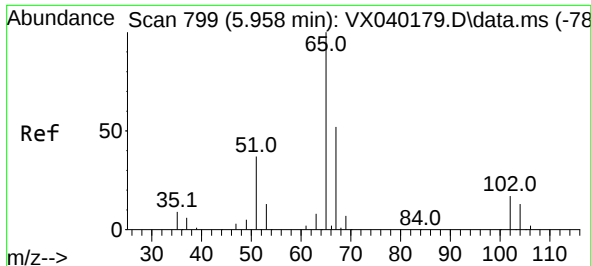


#32
1,1,1-Trichloroethane
Concen: 53.983 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



Tgt Ion: 97 Resp: 87157
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.047 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6314

Ion Ratio Lower Upper

65 100

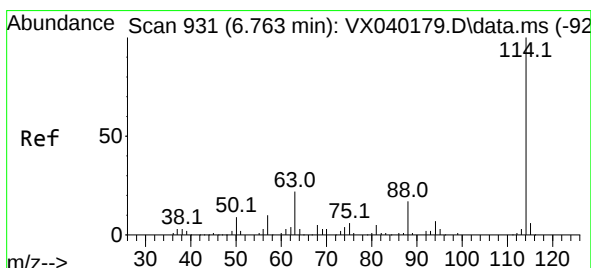
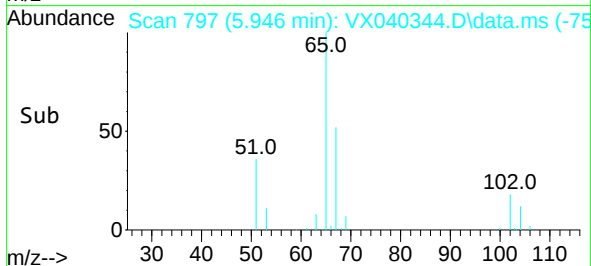
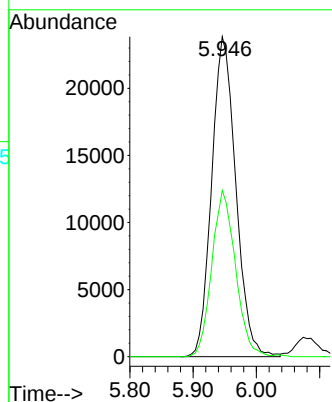
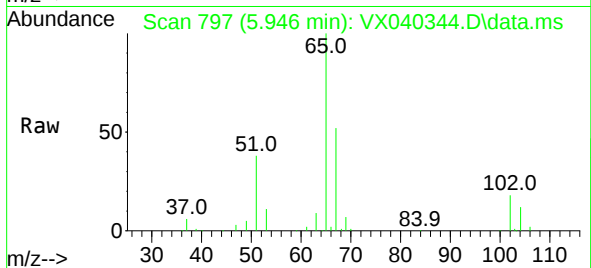
67 51.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

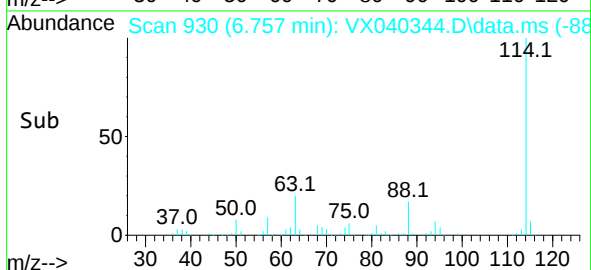
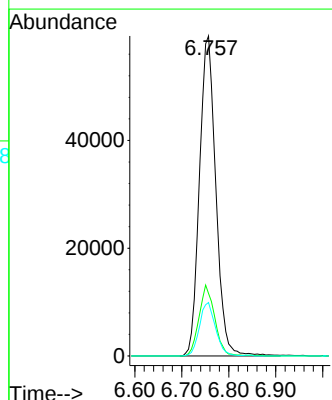
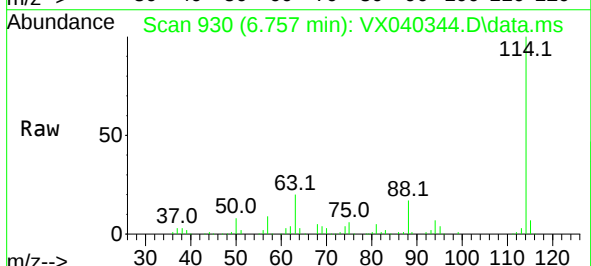
Tgt Ion:114 Resp: 143863

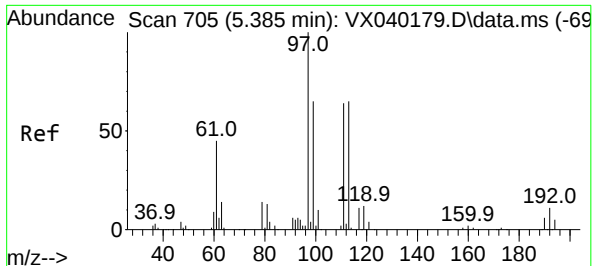
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.596 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 47818

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

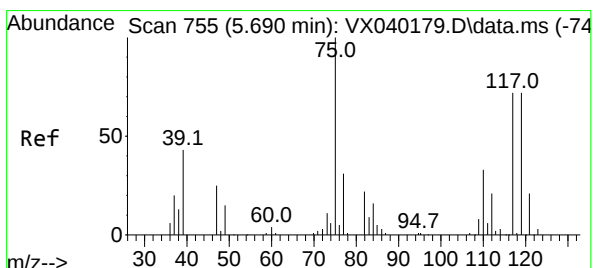
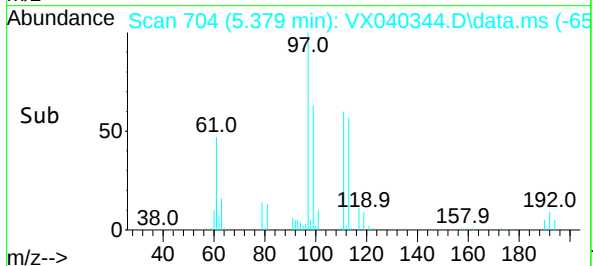
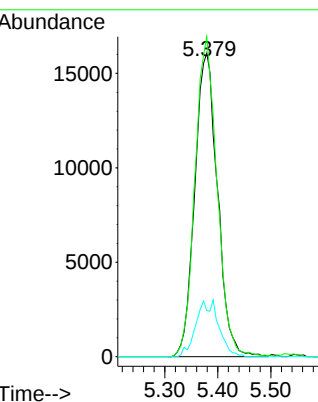
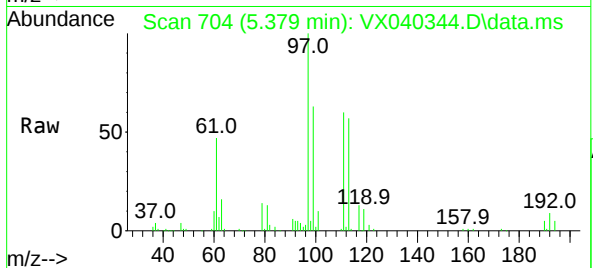
192 18.6 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#36

1,1-Dichloropropene

Concen: 52.057 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

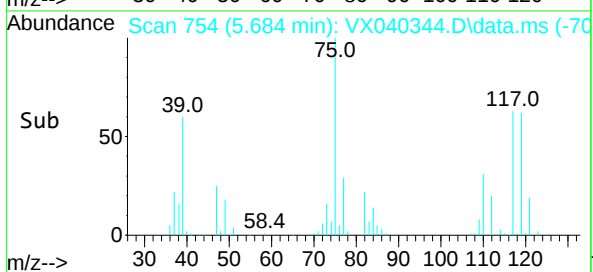
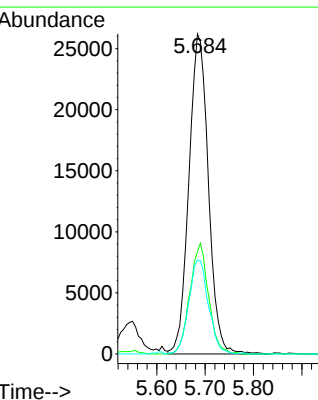
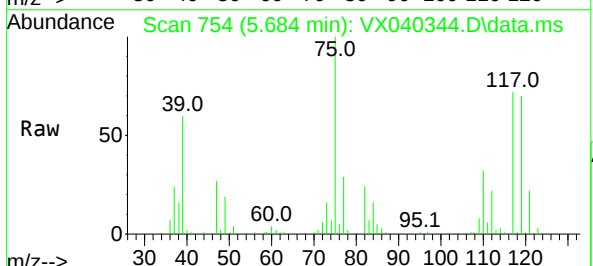
Tgt Ion: 75 Resp: 73263

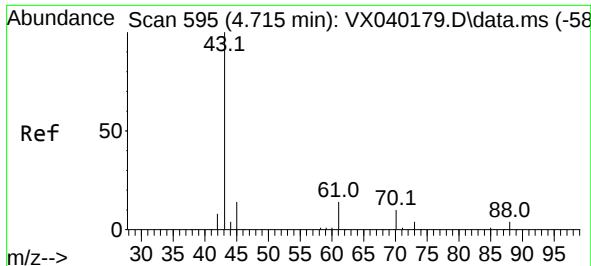
Ion Ratio Lower Upper

75 100

110 33.2 17.0 50.9

77 29.6 24.7 37.1





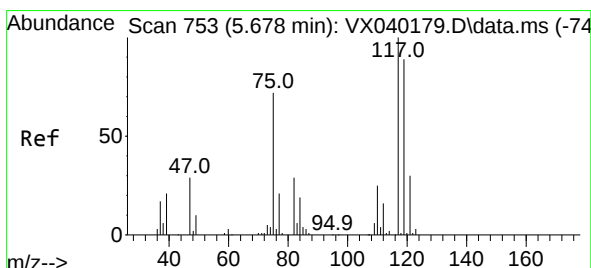
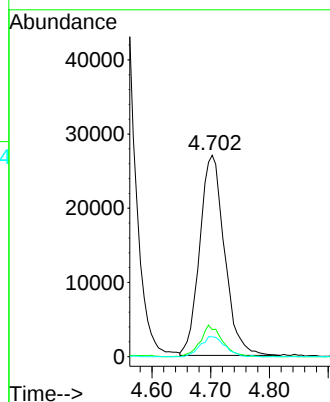
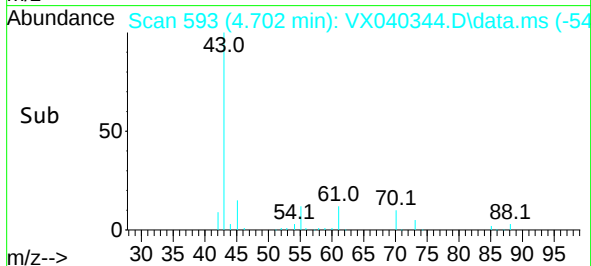
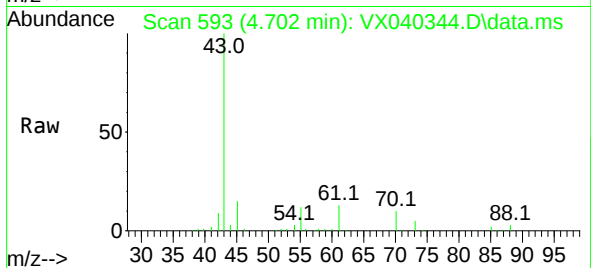
#37
Ethyl Acetate
Concen: 50.444 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.018 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78994
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.9 8.3 12.5

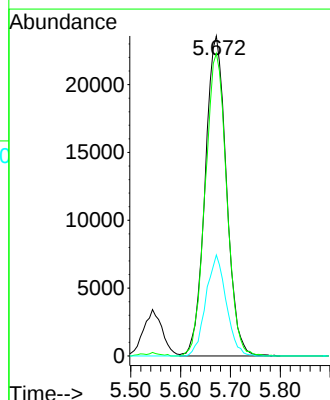
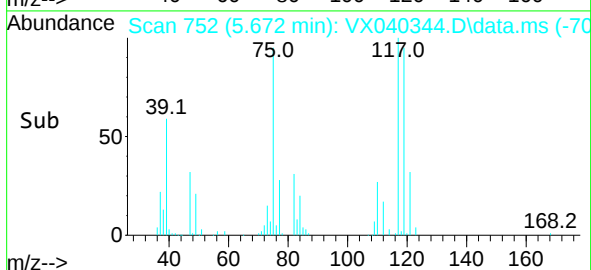
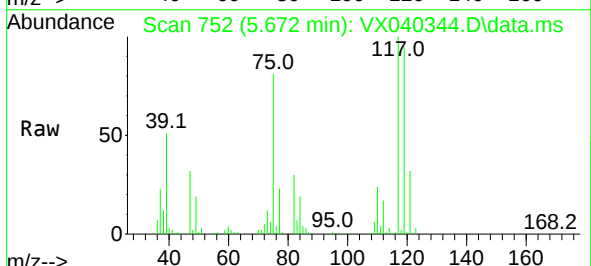
Manual Integrations
APPROVED

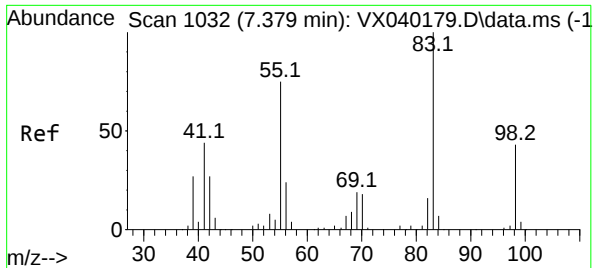
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#38
Carbon Tetrachloride
Concen: 52.280 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion:117 Resp: 69957
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 31.5 24.4 36.6





#39
Methylcyclohexane
Concen: 49.187 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

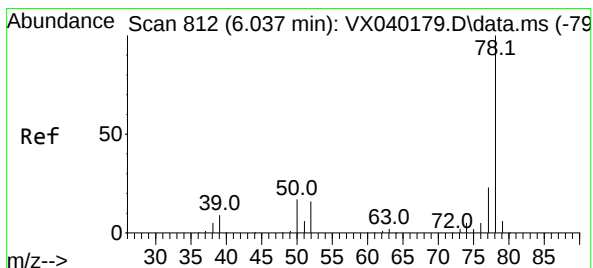
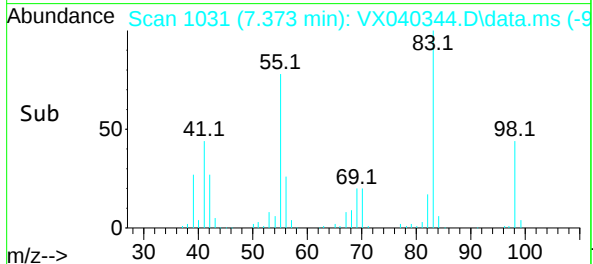
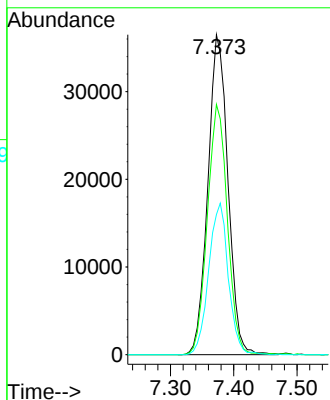
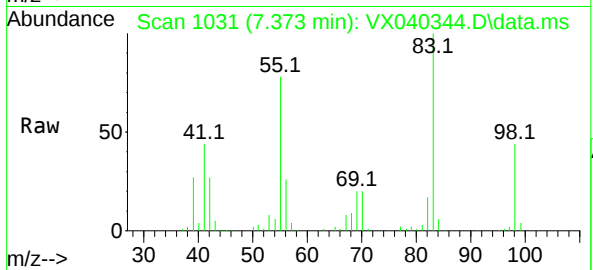
Tgt Ion: 83 Resp: 8044
Ion Ratio Lower Upper
83 100
55 78.2 64.6 97.0
98 43.8 36.7 55.1

Manual Integrations

APPROVED

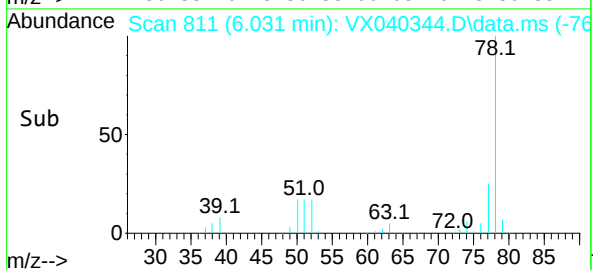
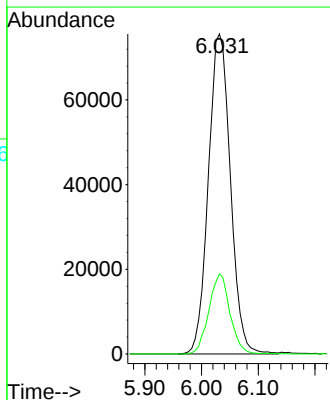
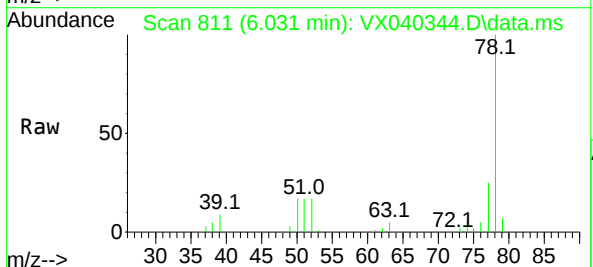
Reviewed By :John Carlone 02/21/2024

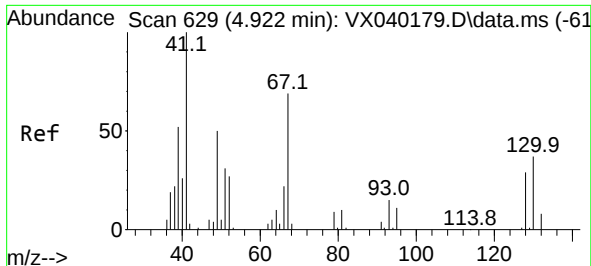
Supervised By :Mahesh Dadoda 02/21/2024



#40
Benzene
Concen: 51.879 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

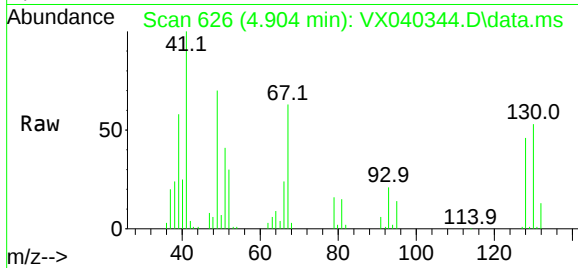
Tgt Ion: 78 Resp: 204175
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9





#41
Methacrylonitrile
Concen: 54.081 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

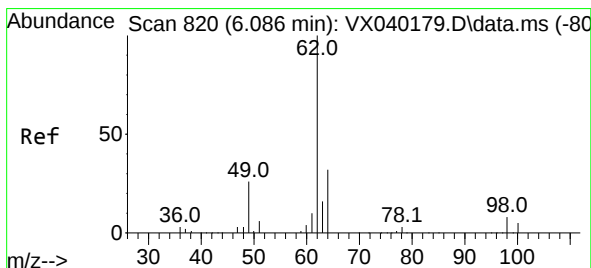
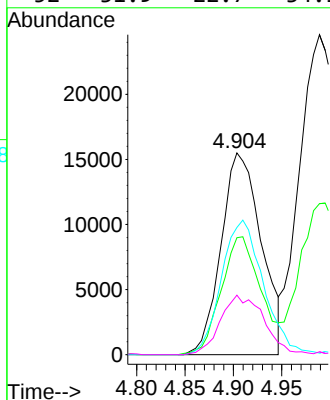
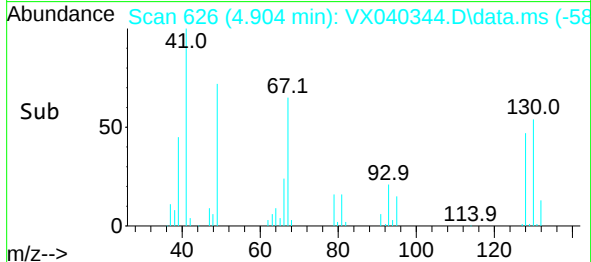
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 44890
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 69.4 52.6 78.8
52 31.9 22.7 34.1

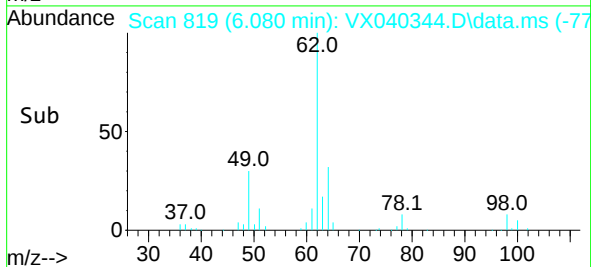
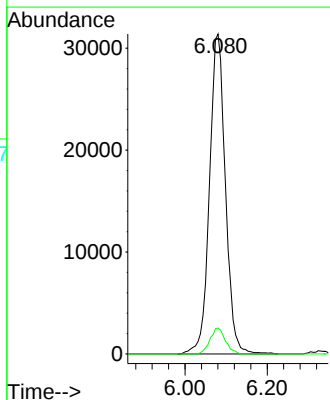
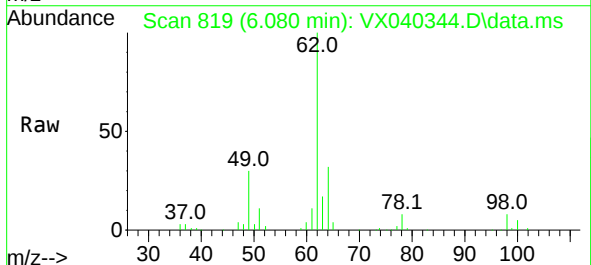
Manual Integrations
APPROVED

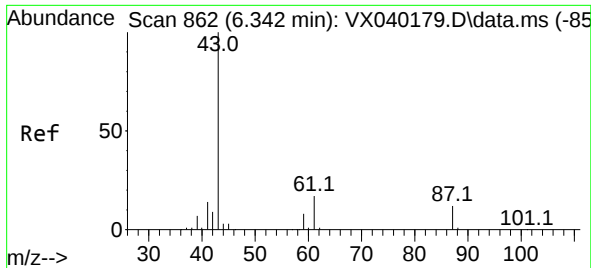
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#42
1,2-Dichloroethane
Concen: 54.909 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion: 62 Resp: 84468
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 54.333 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13282

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

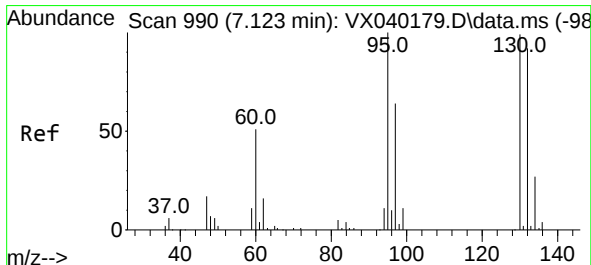
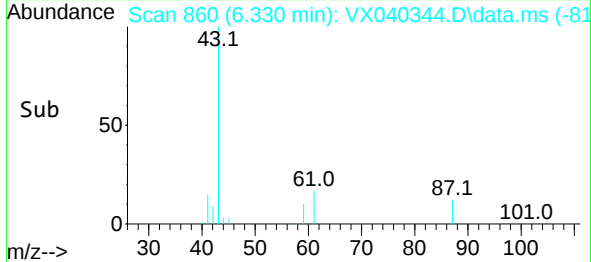
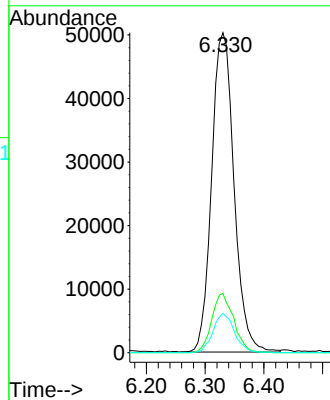
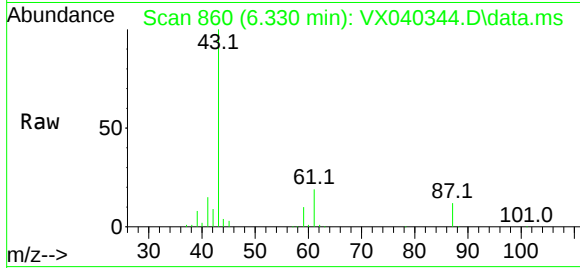
87 11.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#44

Trichloroethene

Concen: 49.409 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040344.D

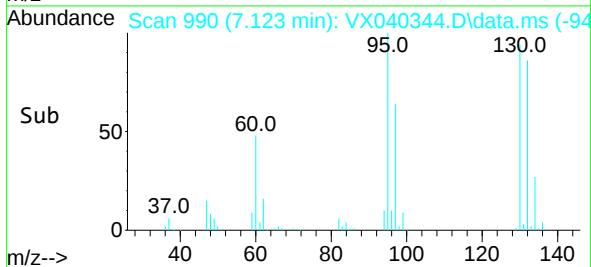
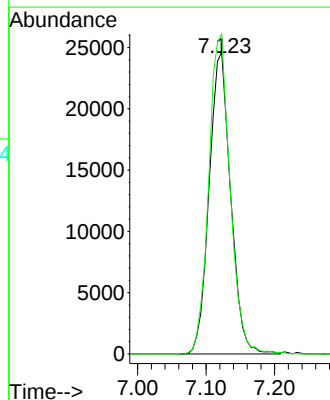
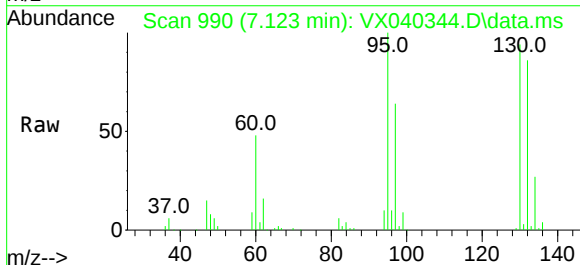
Acq: 20 Feb 2024 10:19

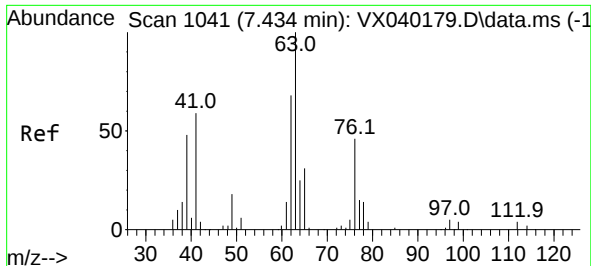
Tgt Ion:130 Resp: 53639

Ion Ratio Lower Upper

130 100

95 106.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.804 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 56140

Ion Ratio Lower Upper

63 100

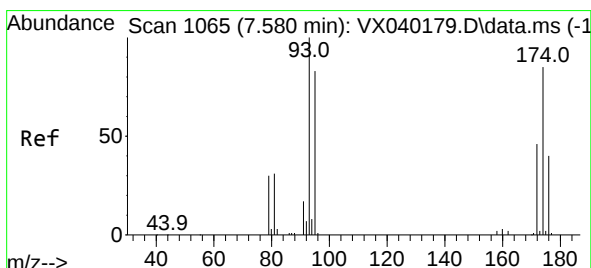
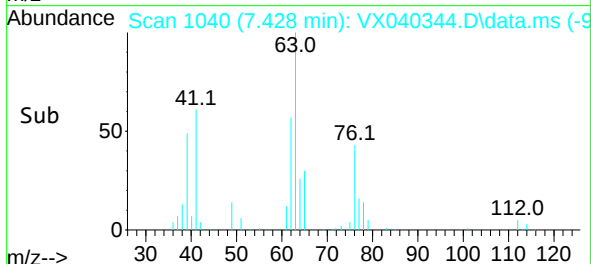
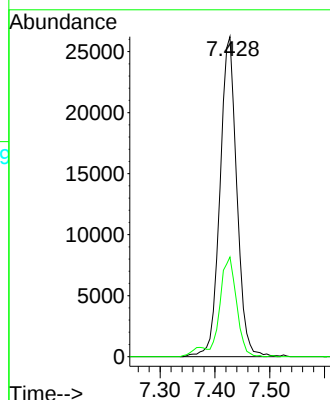
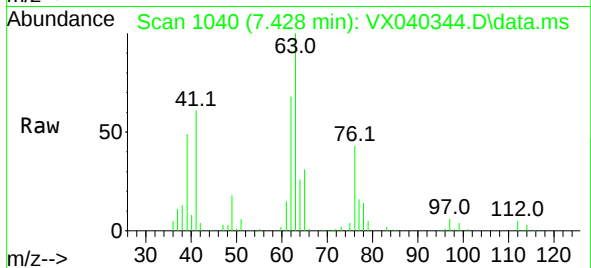
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 52.692 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.012 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

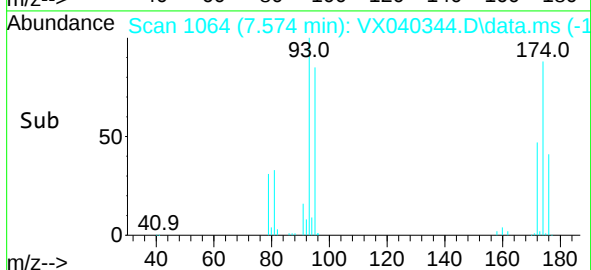
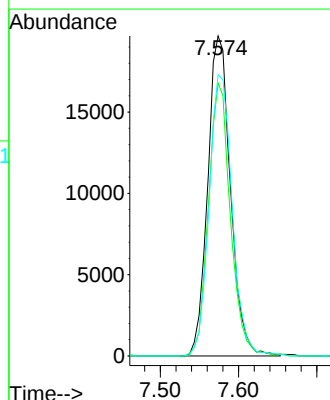
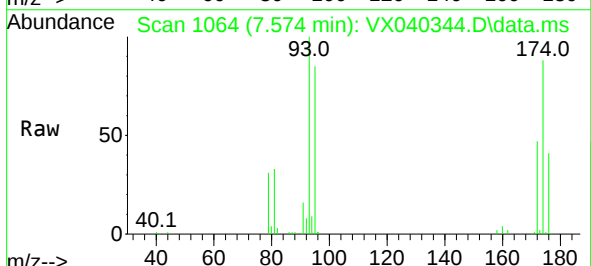
Tgt Ion: 93 Resp: 39753

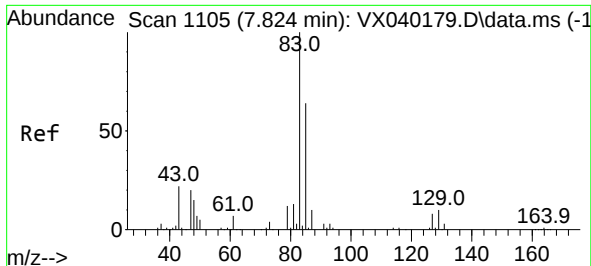
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

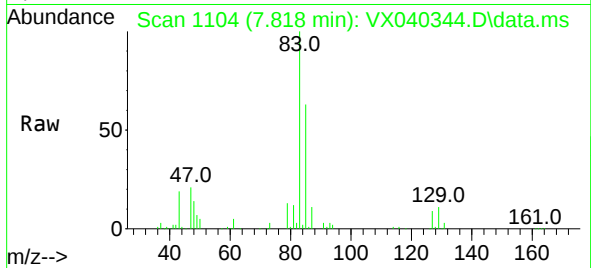
174 88.9 69.4 104.0





#47
Bromodichloromethane
Concen: 54.560 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

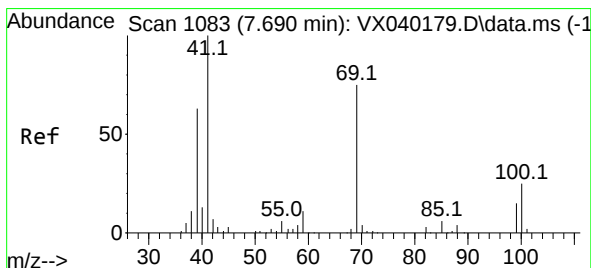
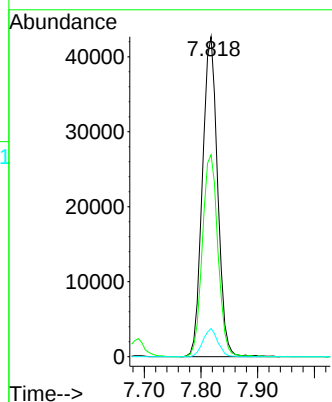
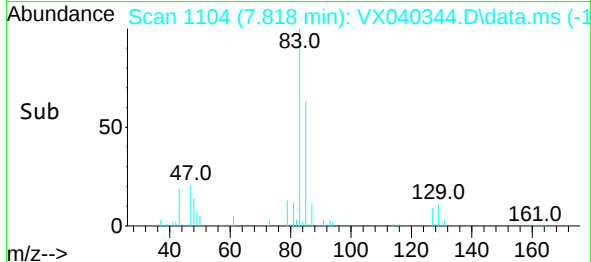
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



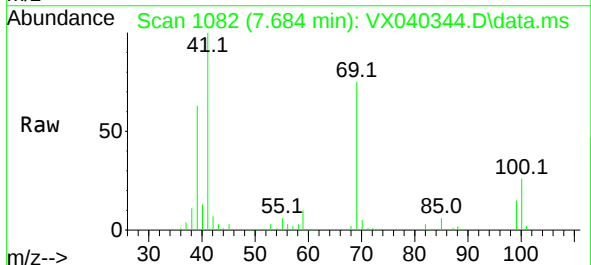
Tgt Ion: 83 Resp: 79312
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations
APPROVED

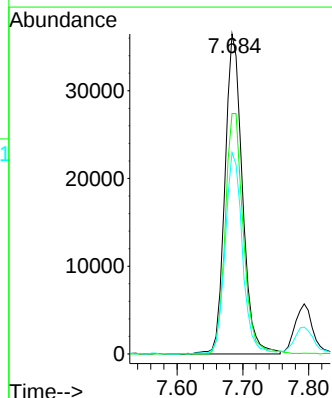
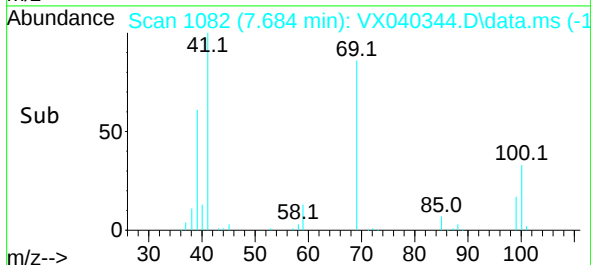
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

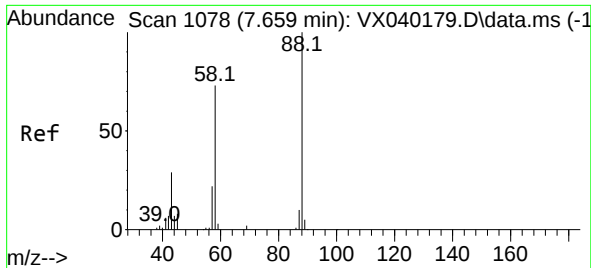


#48
Methyl methacrylate
Concen: 53.802 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



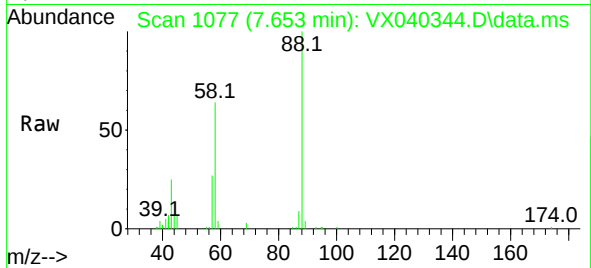
Tgt Ion: 41 Resp: 67298
Ion Ratio Lower Upper
41 100
69 77.5 59.2 88.8
39 62.8 47.7 71.5





#49
1,4-Dioxane
Concen: 803.632 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

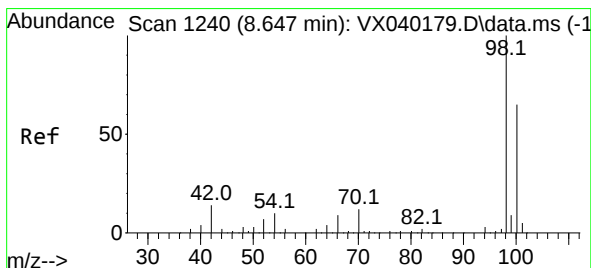
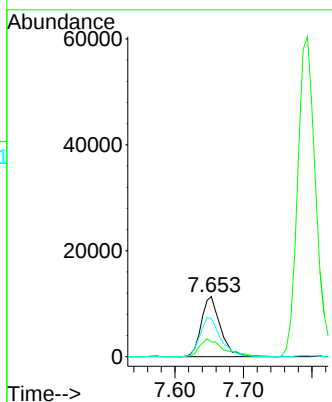
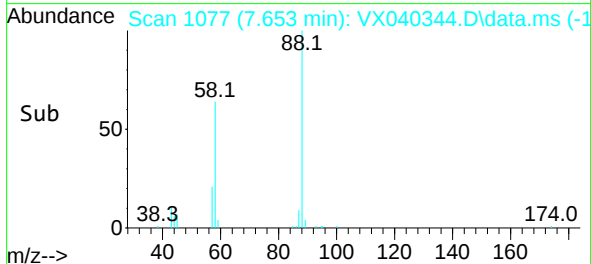
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 21868
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0
58 70.5 60.1 90.1

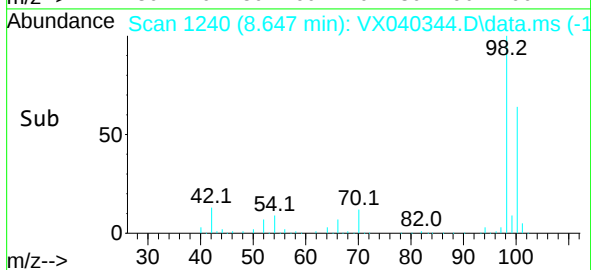
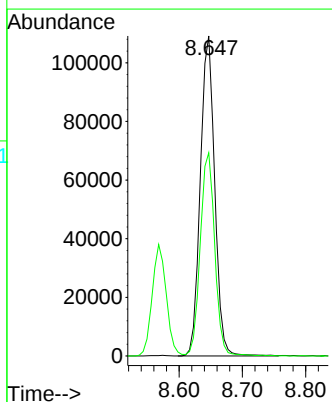
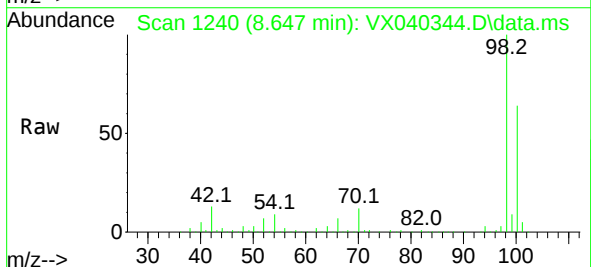
Manual Integrations
APPROVED

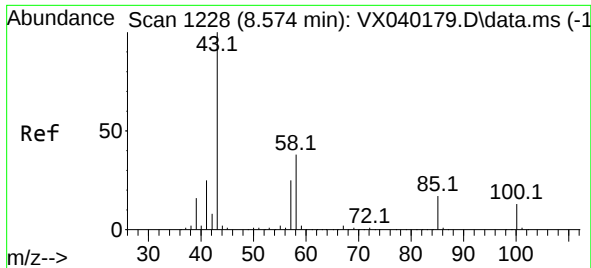
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#50
Toluene-d8
Concen: 46.062 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion: 98 Resp: 173109
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 260.040 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

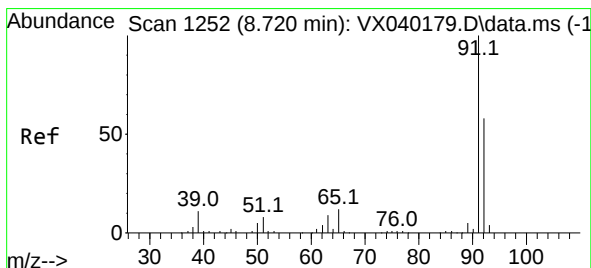
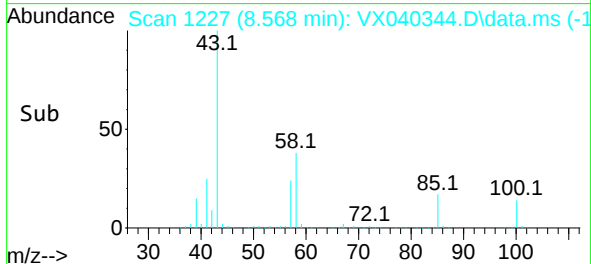
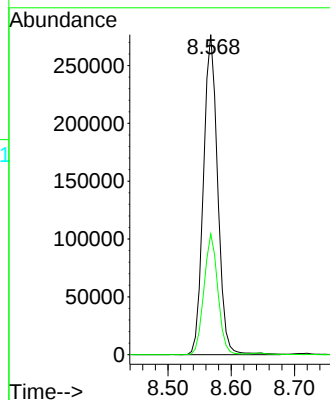
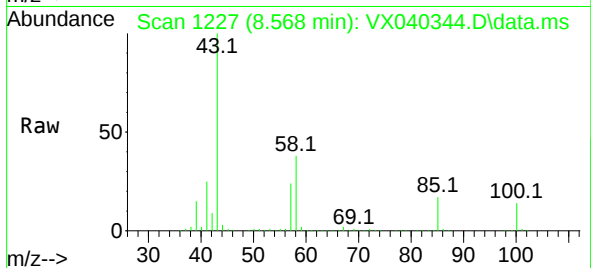
Tgt Ion: 43 Resp: 43400
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

Manual Integrations

APPROVED

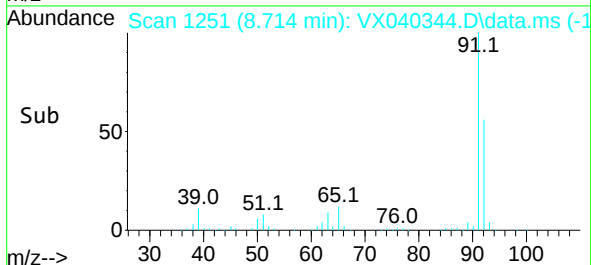
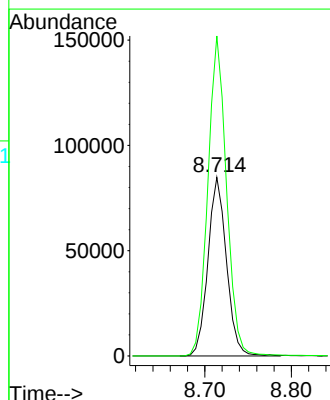
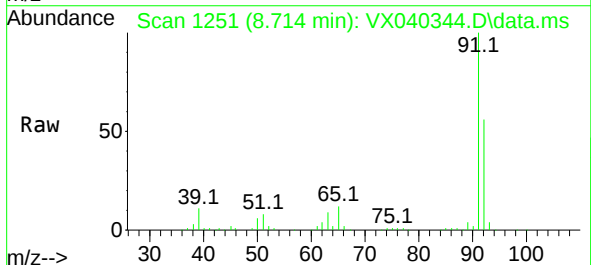
Reviewed By :John Carlone 02/21/2024

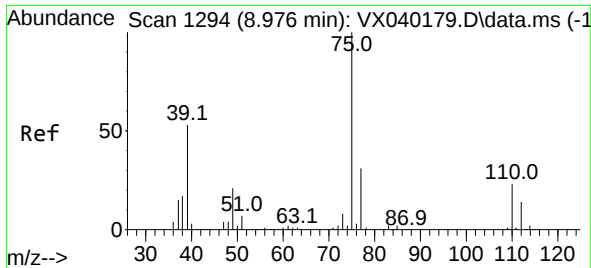
Supervised By :Mahesh Dadoda 02/21/2024



#52
Toluene
Concen: 48.978 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion: 92 Resp: 126261
Ion Ratio Lower Upper
92 100
91 180.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.515 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 85634

Ion Ratio Lower Upper

75 100

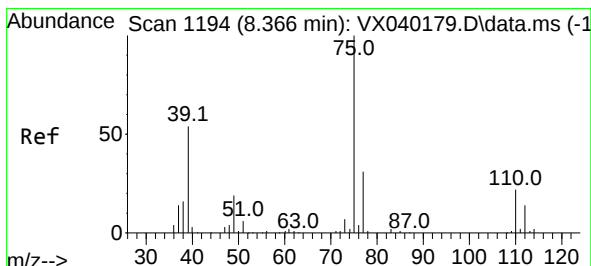
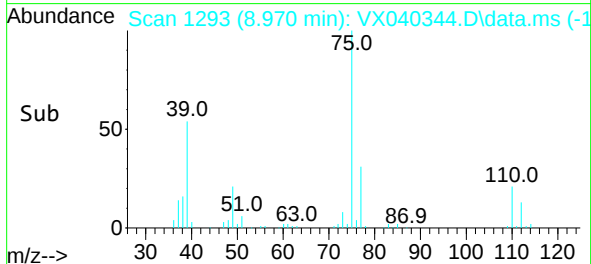
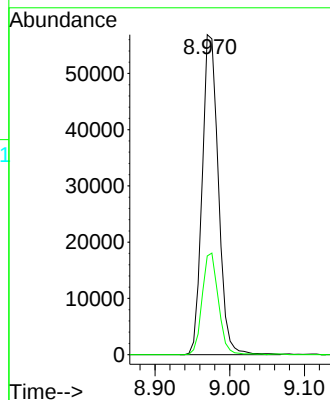
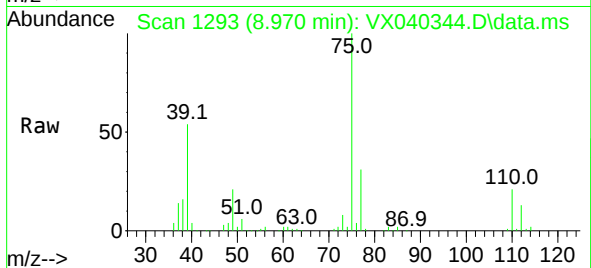
77 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#54

cis-1,3-Dichloropropene

Concen: 54.877 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

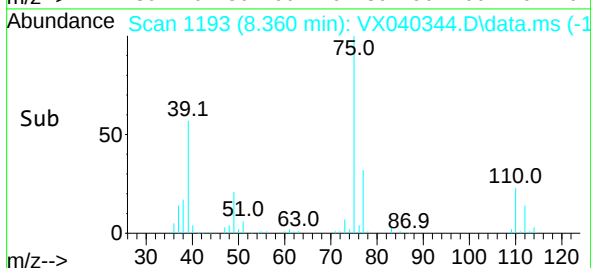
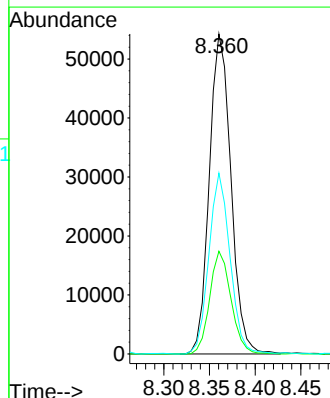
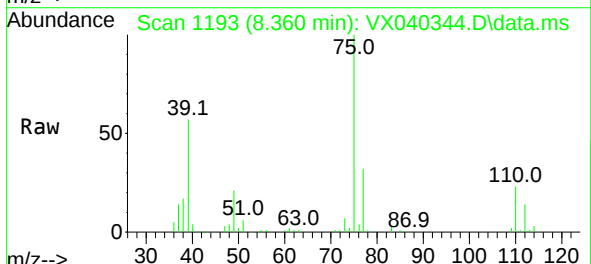
Tgt Ion: 75 Resp: 89404

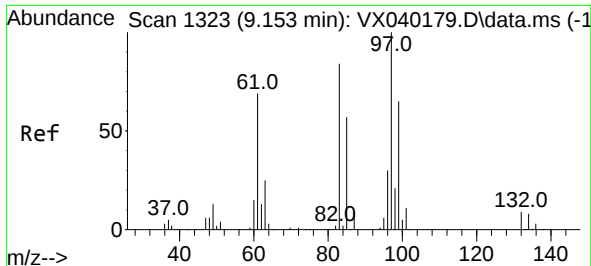
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 56.5 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 51.909 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 57074

Ion Ratio Lower Upper

97 100

83 86.4 65.8 98.8

85 58.2 41.6 62.4

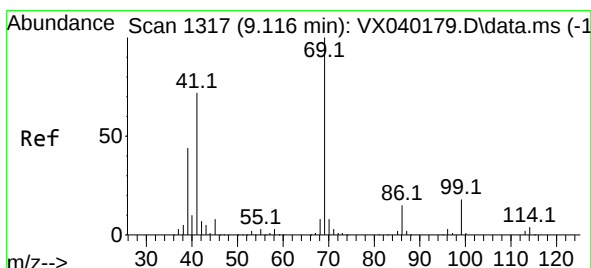
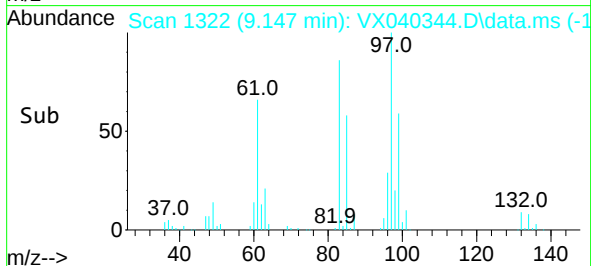
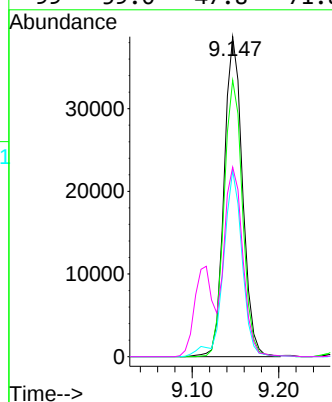
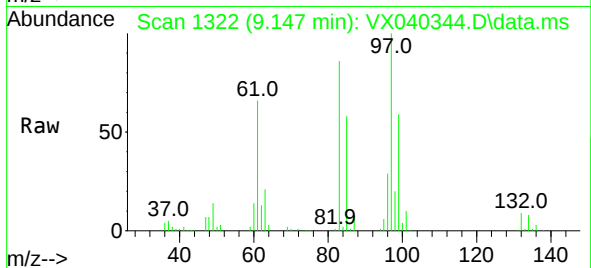
99 59.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#56

Ethyl methacrylate

Concen: 52.151 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

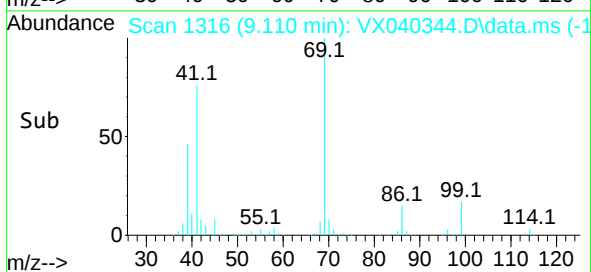
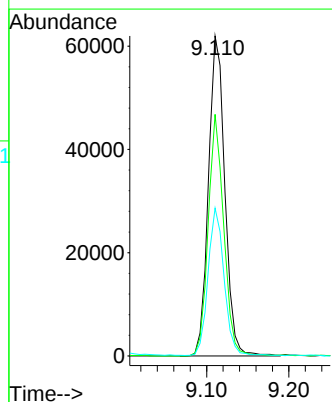
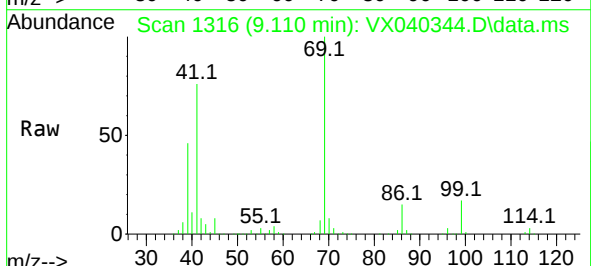
Tgt Ion: 69 Resp: 85840

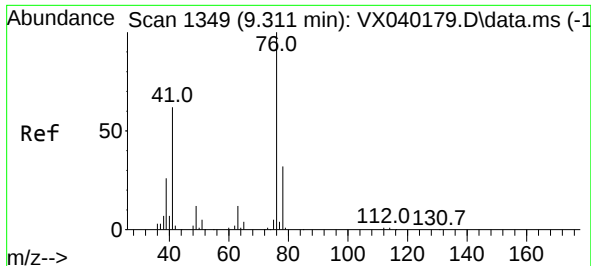
Ion Ratio Lower Upper

69 100

41 71.7 56.8 85.2

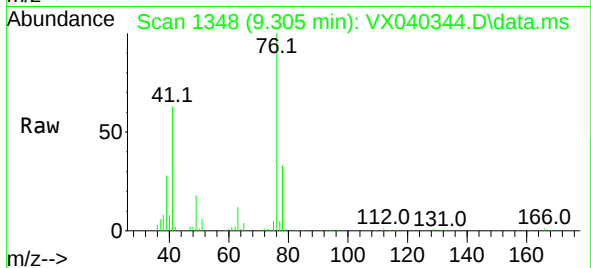
39 45.3 32.0 48.0





#57
1,3-Dichloropropane
Concen: 52.984 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

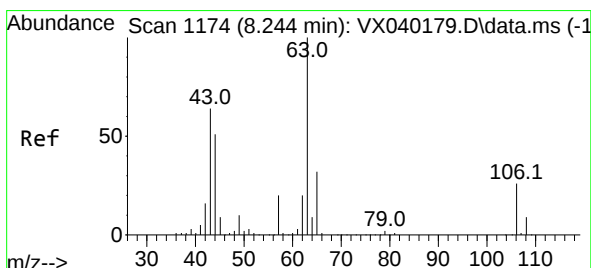
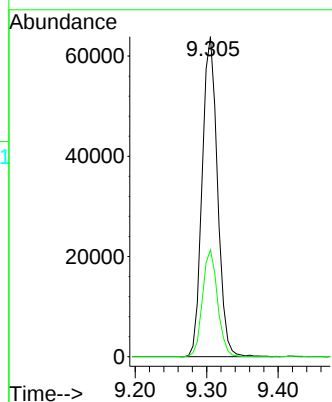
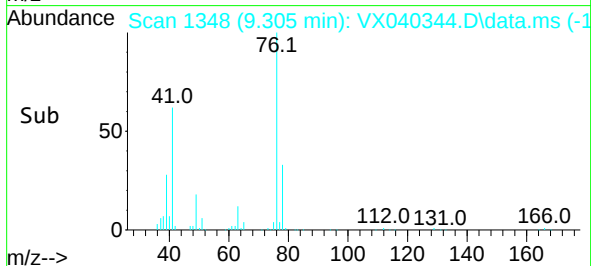
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 9508
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

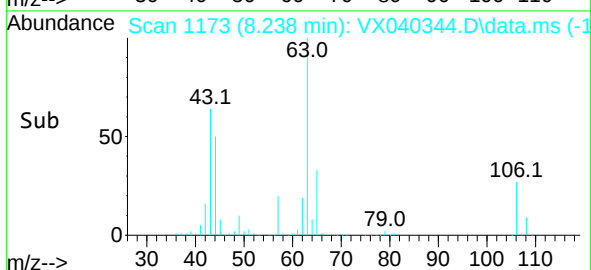
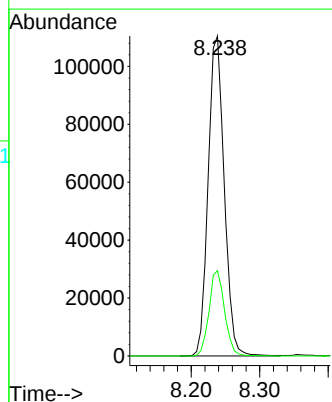
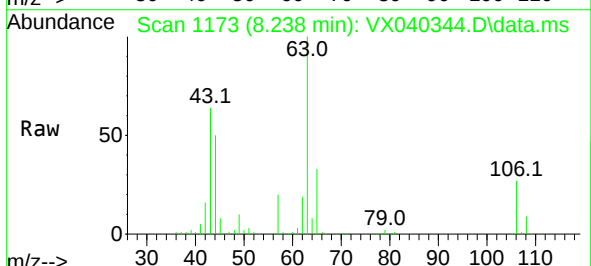
Manual Integrations
APPROVED

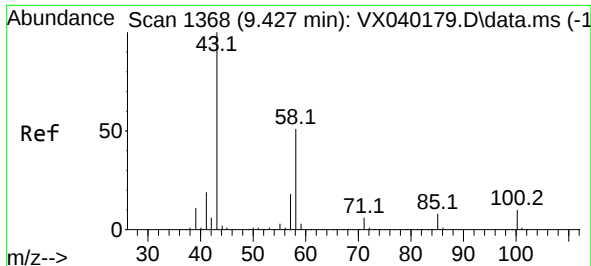
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 231.359 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

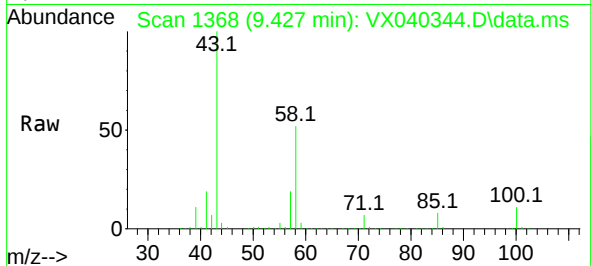
Tgt Ion: 63 Resp: 180149
Ion Ratio Lower Upper
63 100
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 256.710 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

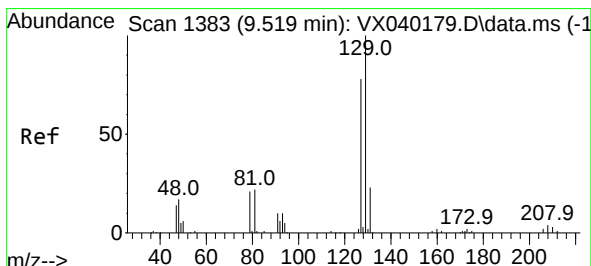
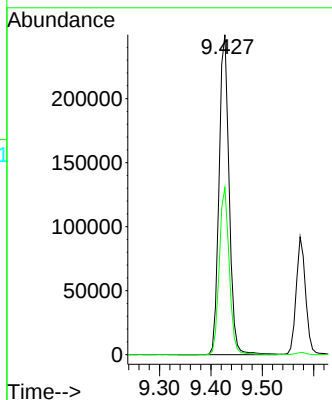
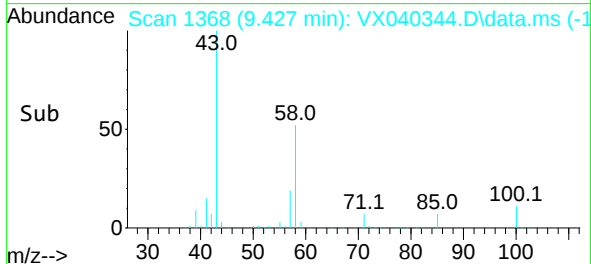
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 339690
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

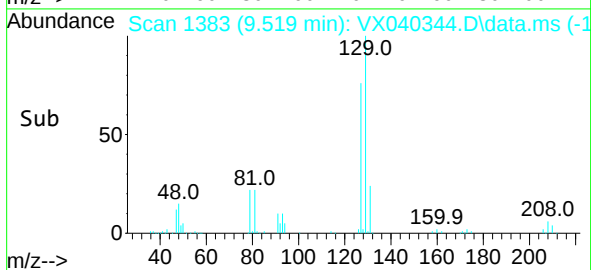
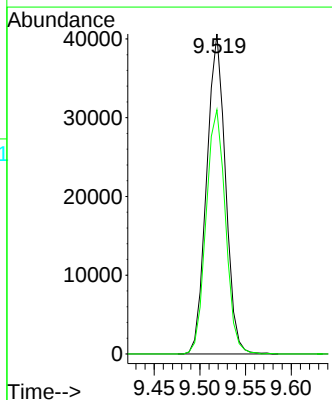
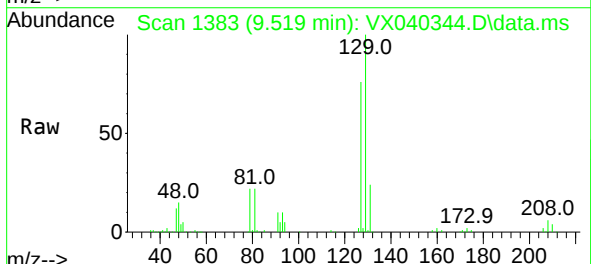
Manual Integrations
APPROVED

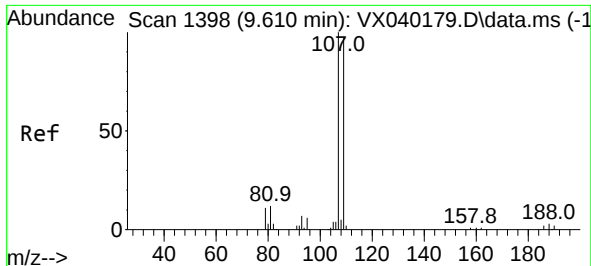
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#60
Dibromochloromethane
Concen: 51.882 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

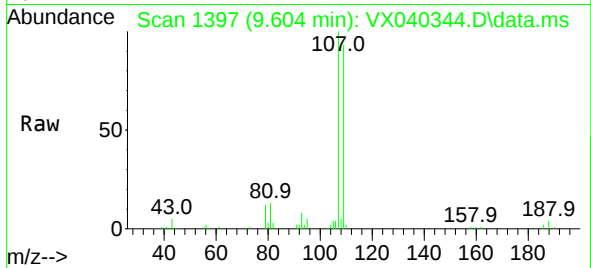
Tgt Ion:129 Resp: 58118
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.198 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

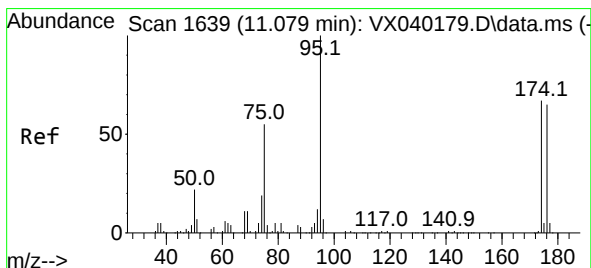
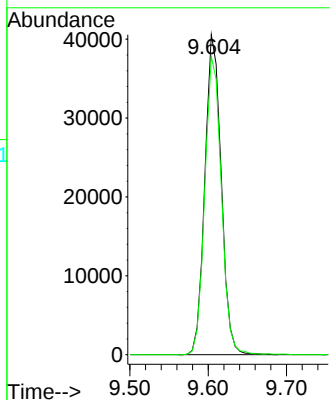
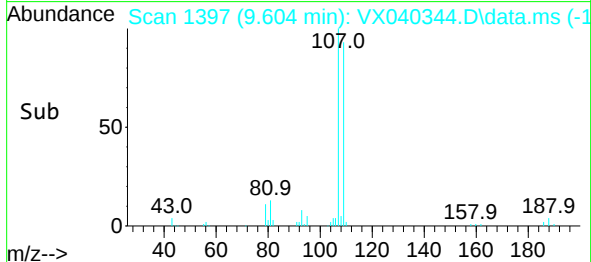
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 5866
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

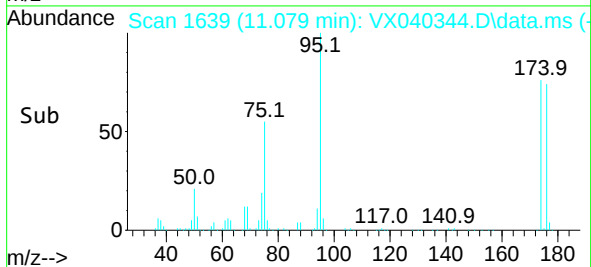
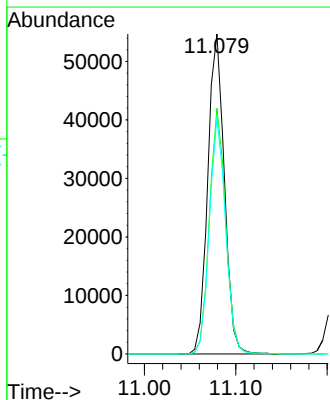
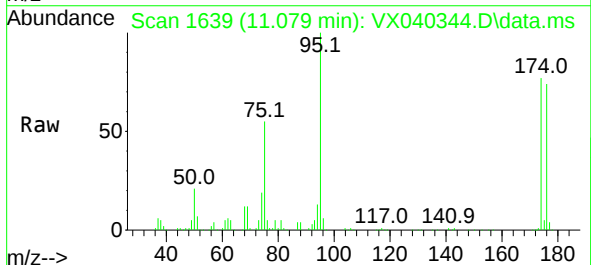
Manual Integrations
APPROVED

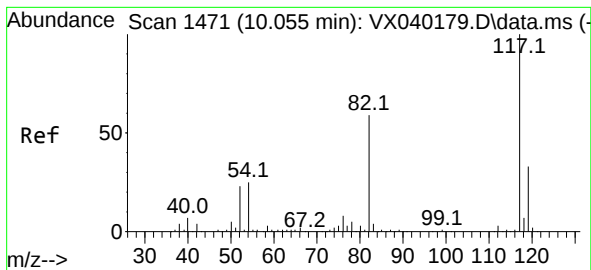
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#62
4-Bromofluorobenzene
Concen: 44.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

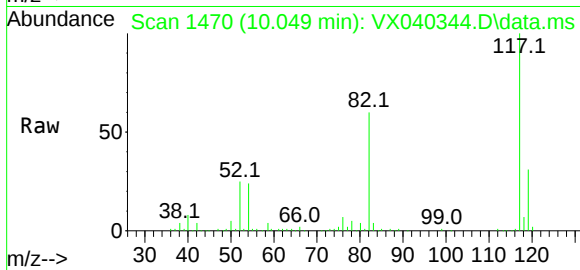
Tgt Ion: 95 Resp: 68707
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.6
176 71.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

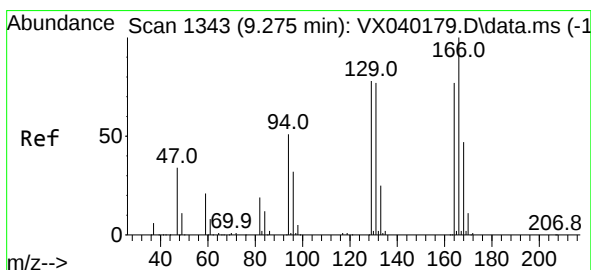
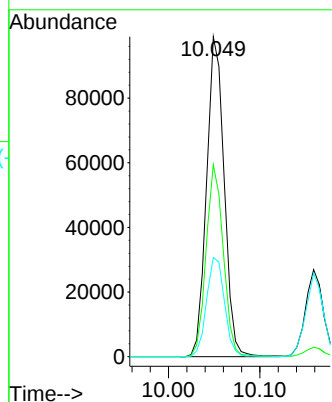
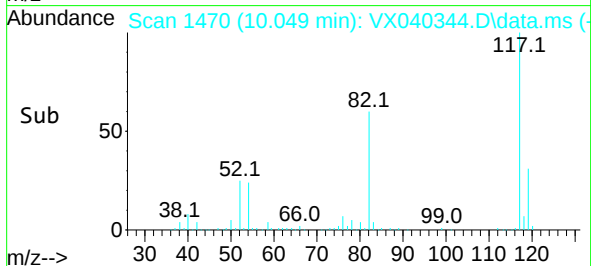
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



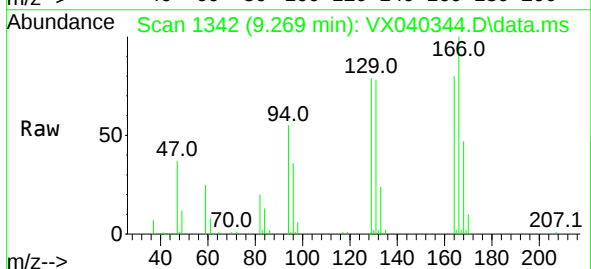
Tgt Ion:117 Resp: 13252
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 30.9 25.5 38.3

Manual Integrations
APPROVED

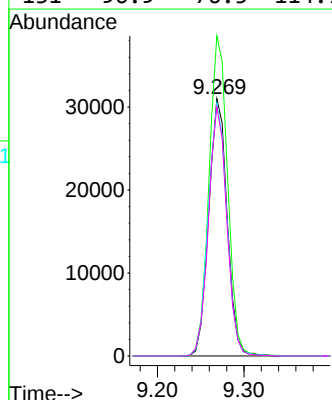
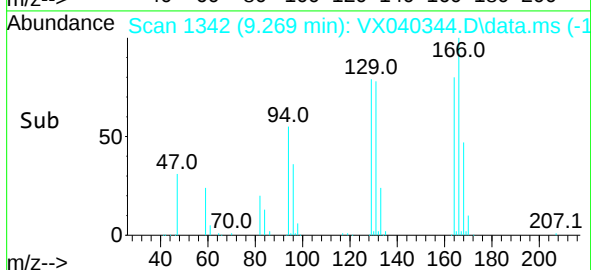
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

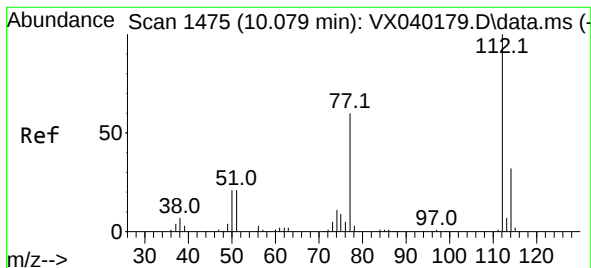


#64
Tetrachloroethene
Concen: 49.374 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



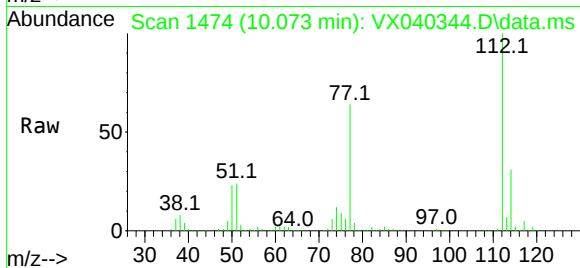
Tgt Ion:164 Resp: 45854
Ion Ratio Lower Upper
164 100
166 124.4 102.7 154.1
129 98.2 80.4 120.6
131 96.9 76.5 114.7





#65
Chlorobenzene
Concen: 51.545 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

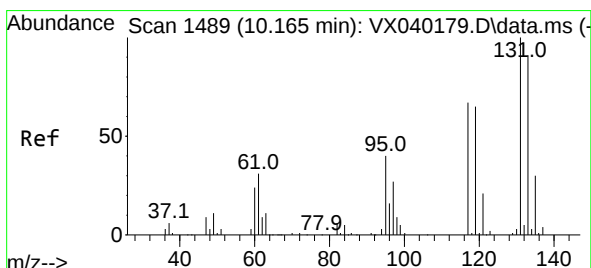
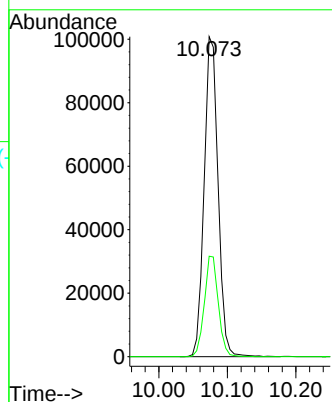
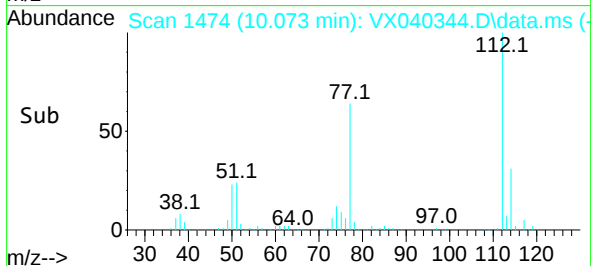
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



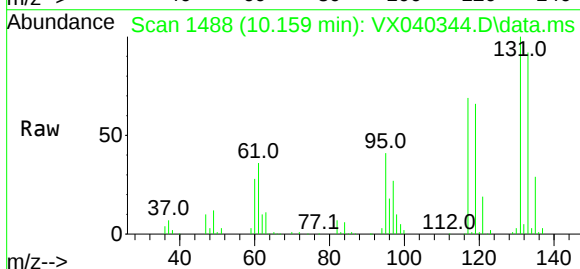
Tgt Ion:112 Resp: 142569
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

Manual Integrations
APPROVED

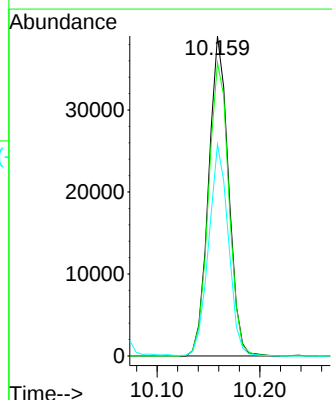
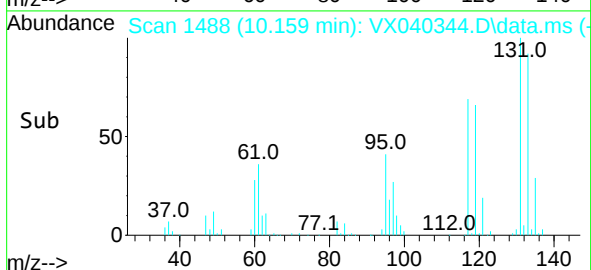
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

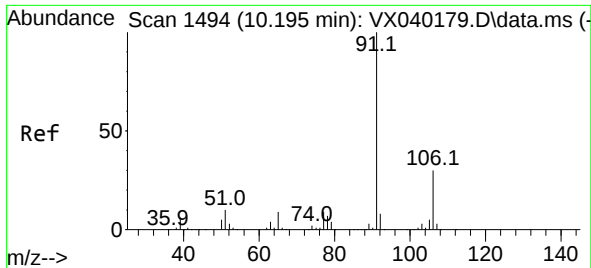


#66
1,1,1,2-Tetrachloroethane
Concen: 54.617 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



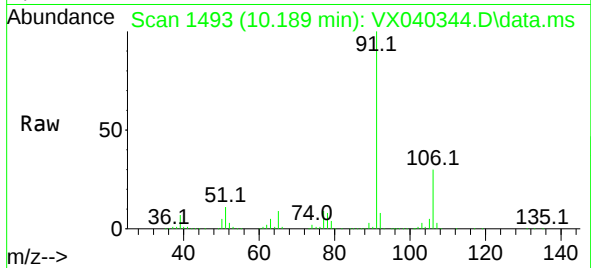
Tgt Ion:131 Resp: 52320
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 53.696 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

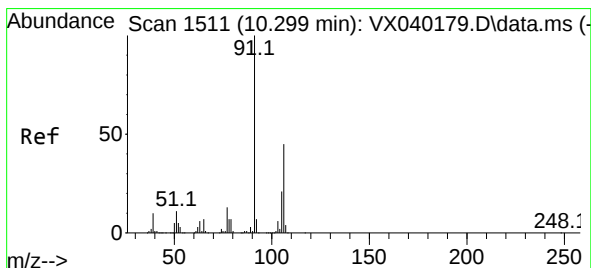
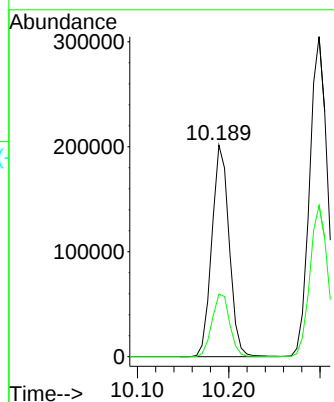
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 264508
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

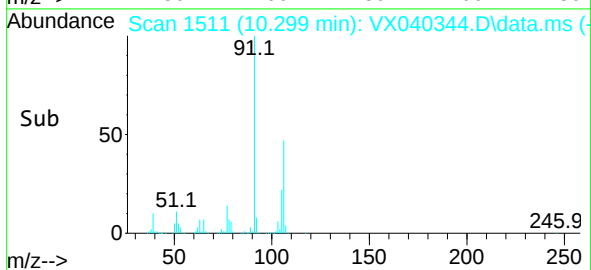
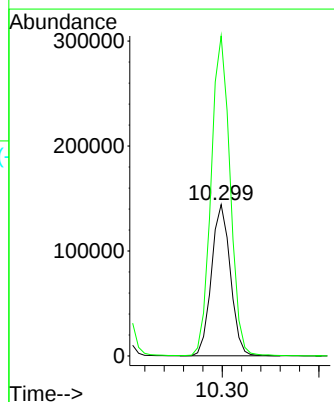
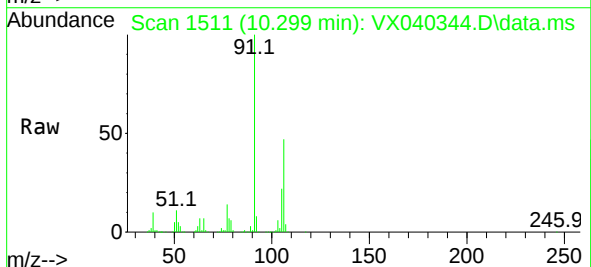
Manual Integrations
APPROVED

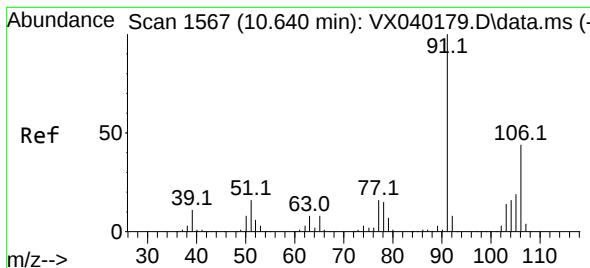
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#68
m/p-Xylenes
Concen: 105.391 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion:106 Resp: 196074
Ion Ratio Lower Upper
106 100
91 212.7 165.5 248.3





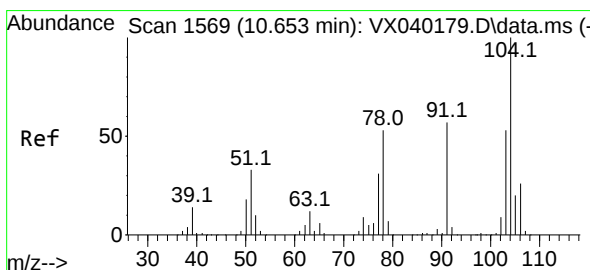
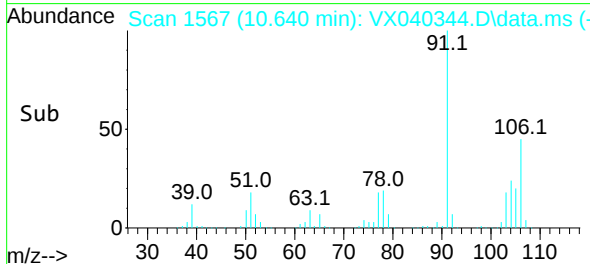
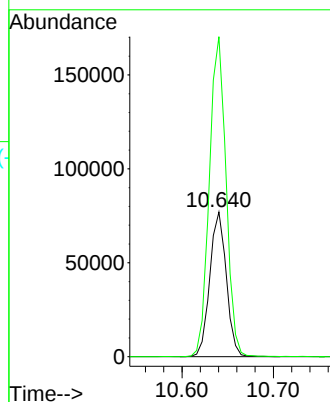
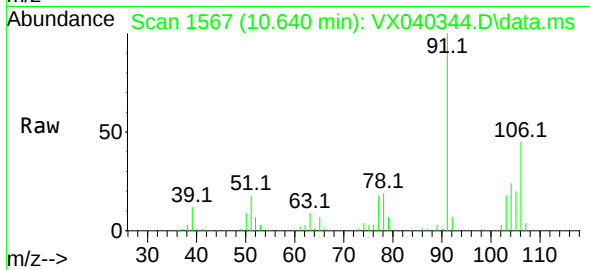
#69
o-Xylene
Concen: 53.332 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 96419
Ion Ratio Lower Upper
106 100
91 224.0 108.9 326.8

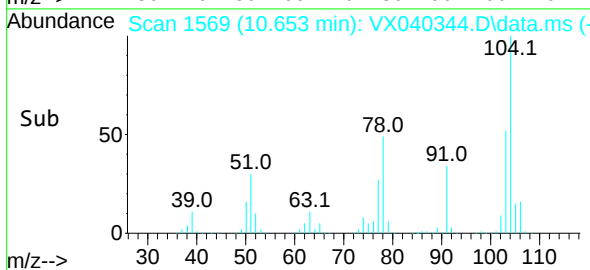
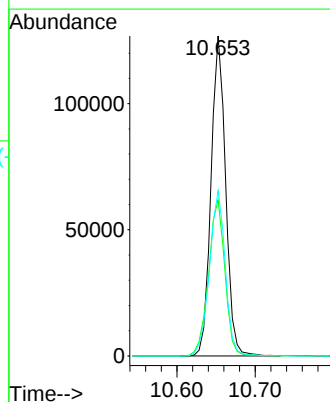
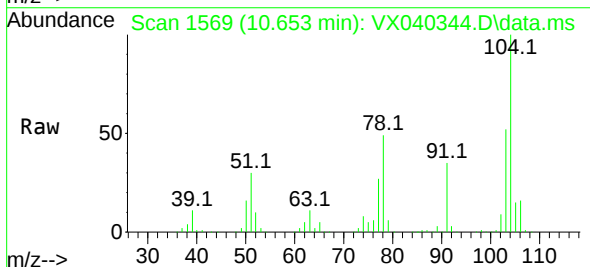
Manual Integrations
APPROVED

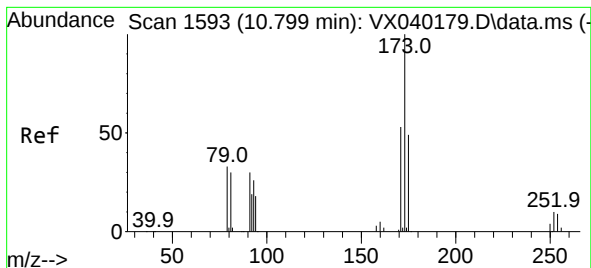
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#70
Styrene
Concen: 54.545 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion:104 Resp: 163952
Ion Ratio Lower Upper
104 100
78 54.6 43.6 65.4
103 56.1 43.6 65.4





#71

Bromoform

Concen: 47.146 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

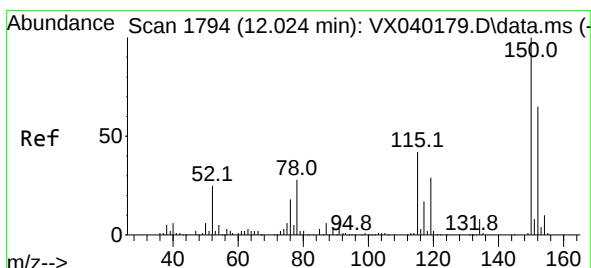
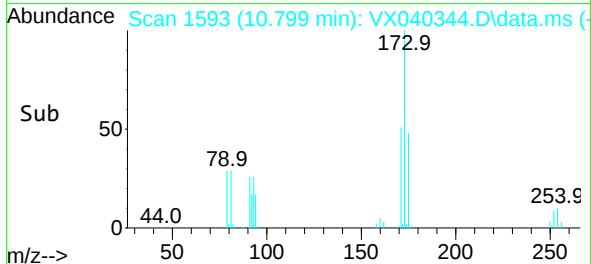
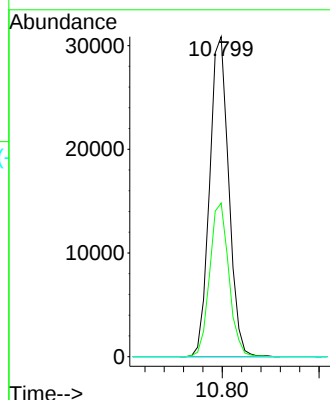
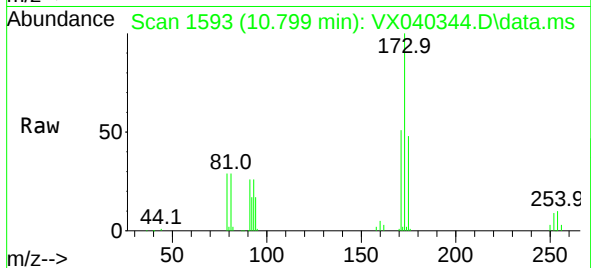
Tgt Ion:173	Resp: 42324
Ion Ratio	Lower Upper
173 100	
175 48.2	24.1 72.4
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

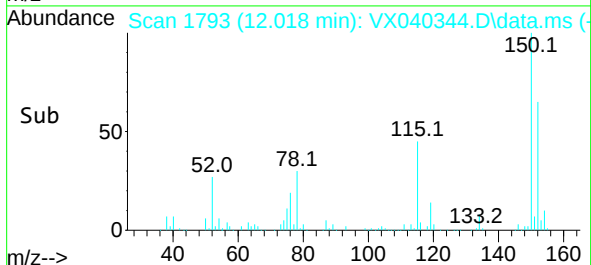
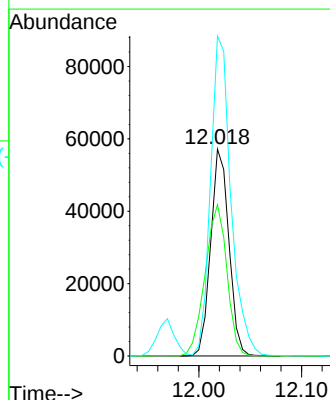
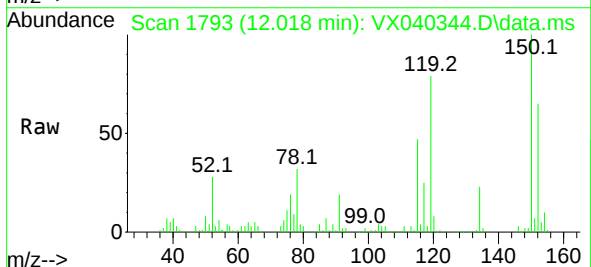
RT: 12.018 min Scan# 1793

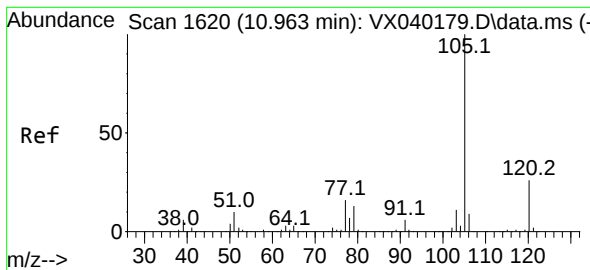
Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Tgt Ion:152	Resp: 70567
Ion Ratio	Lower Upper
152 100	
115 87.4	43.3 129.9
150 173.0	0.0 345.0





#73

Isopropylbenzene

Concen: 52.774 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 26230

Ion Ratio Lower Upper

105 100

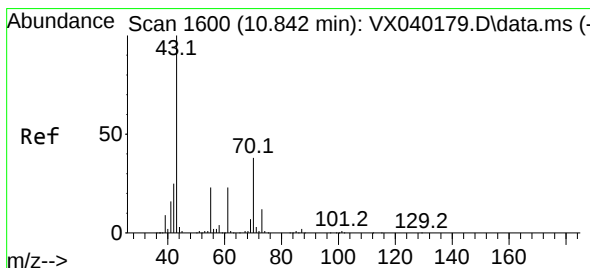
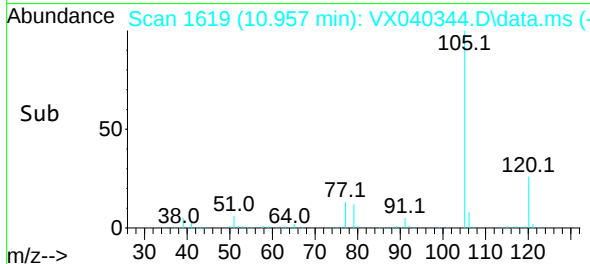
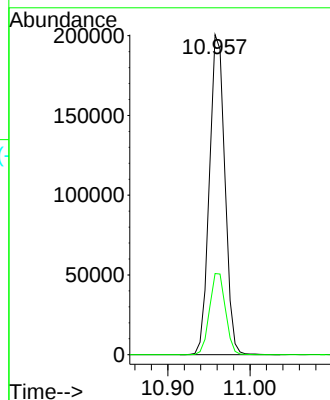
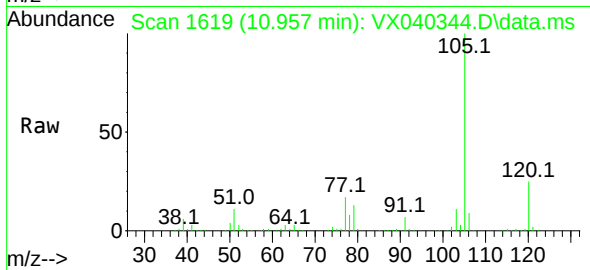
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#74

N-ethyl acetate

Concen: 58.386 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Tgt Ion: 43 Resp: 124388

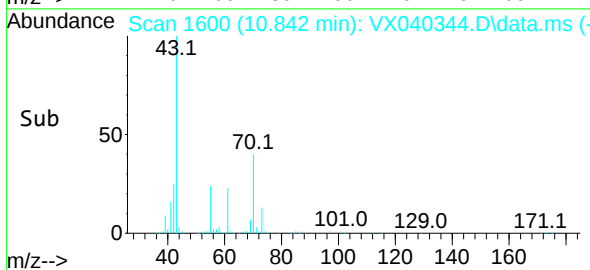
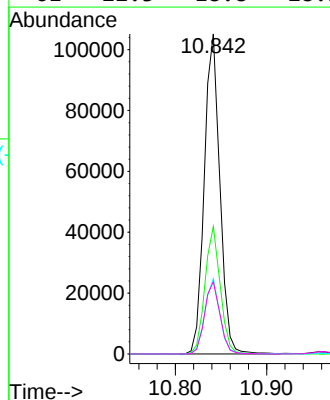
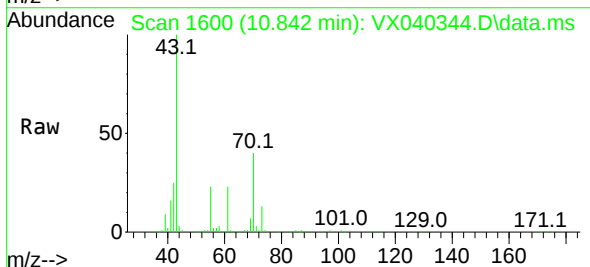
Ion Ratio Lower Upper

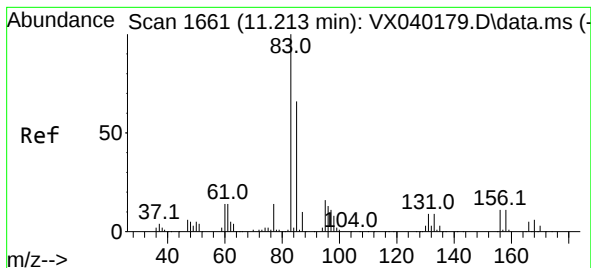
43 100

70 39.0 32.9 49.3

55 22.8 19.3 28.9

61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.535 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

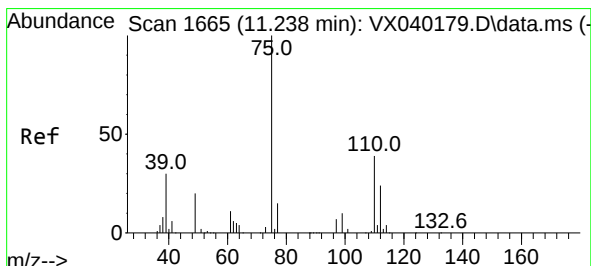
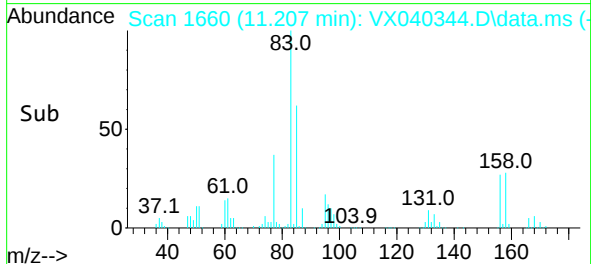
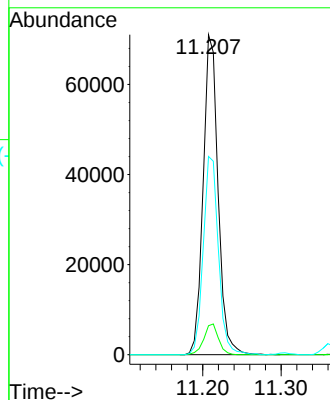
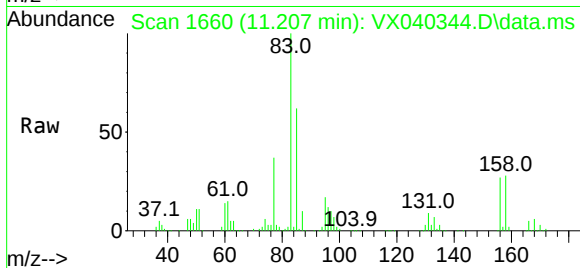
Tgt Ion: 83 Resp: 93810
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.3 15.8
 85 63.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#76

1,2,3-Trichloropropane

Concen: 54.394 ug/l m

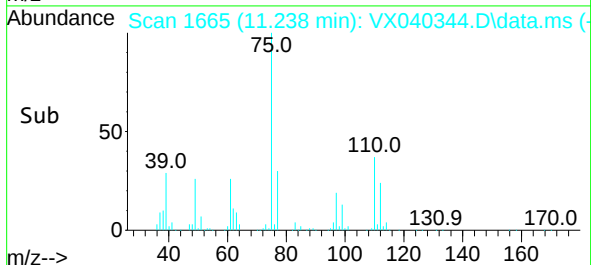
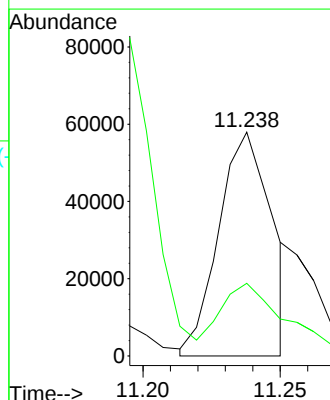
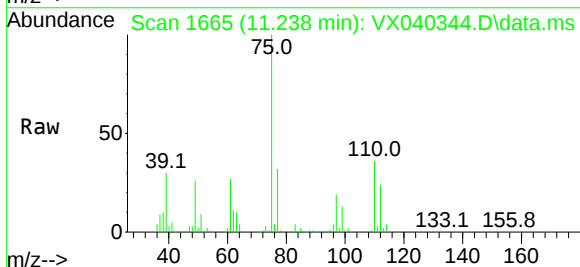
RT: 11.238 min Scan# 1665

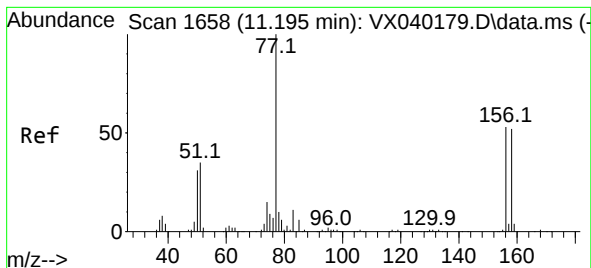
Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Tgt Ion: 75 Resp: 77730
 Ion Ratio Lower Upper
 75 100
 77 40.8 19.1 57.5





#77

Bromobenzene

Concen: 52.147 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 61210

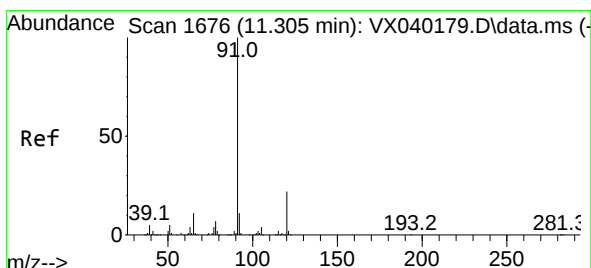
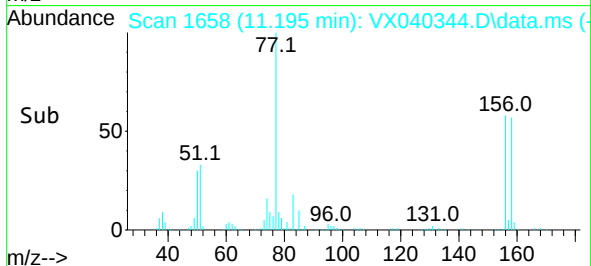
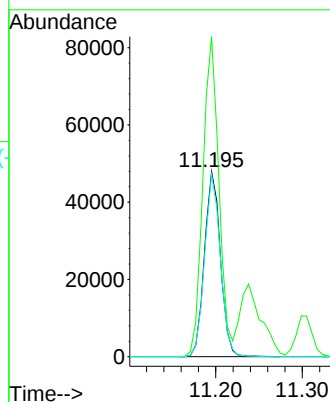
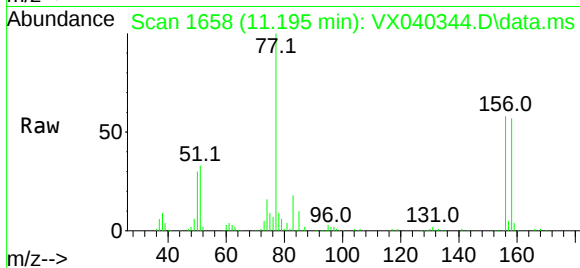
Ion	Ratio	Lower	Upper
156	100		
77	173.8	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#78

n-propylbenzene

Concen: 54.285 ug/l

RT: 11.305 min Scan# 1676

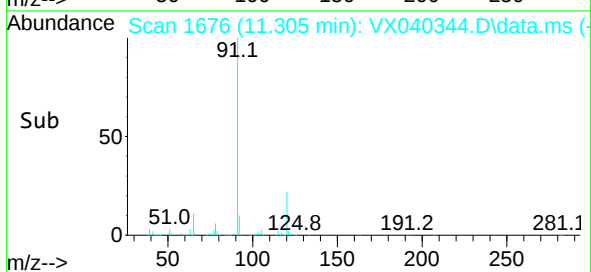
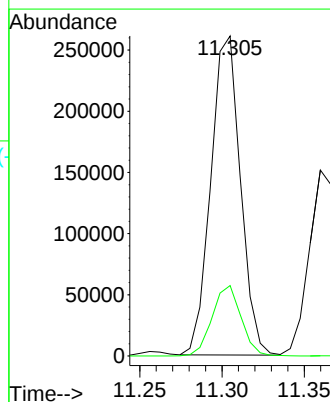
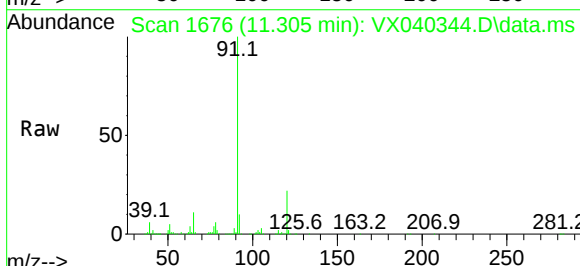
Delta R.T. 0.000 min

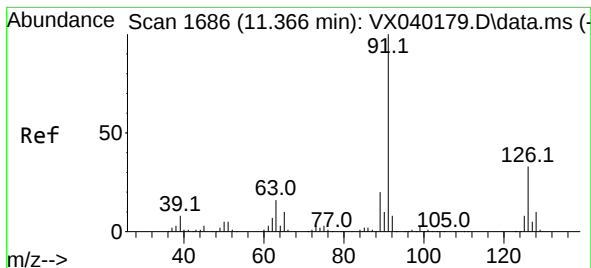
Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Tgt Ion: 91 Resp: 326653

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.498 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 190758

Ion Ratio Lower Upper

91 100

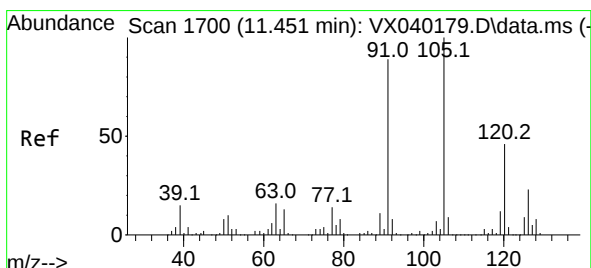
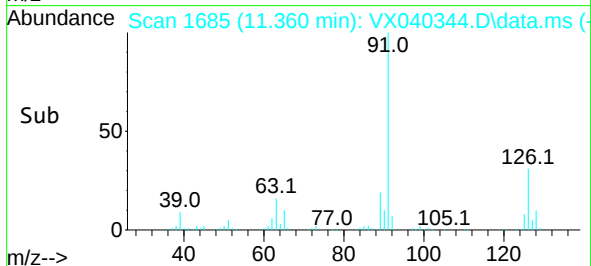
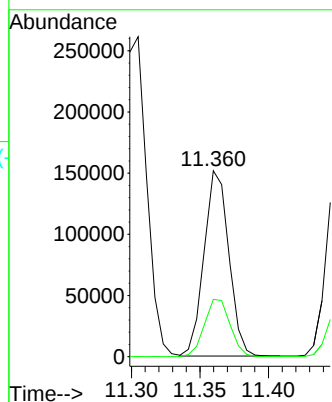
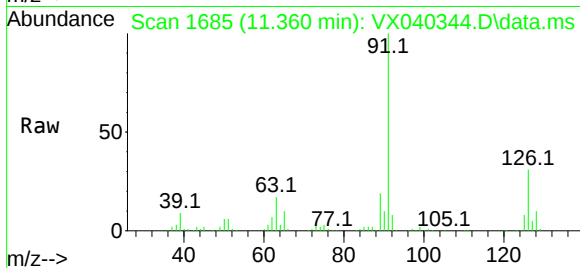
126 32.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.753 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040344.D

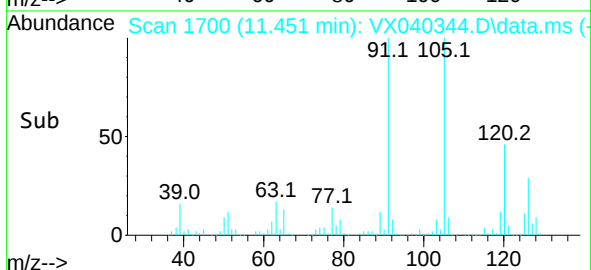
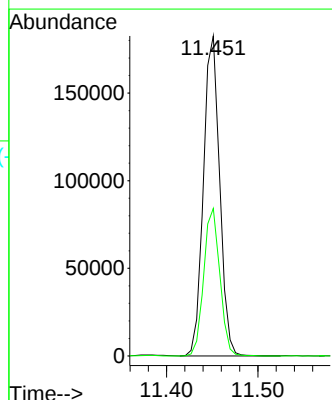
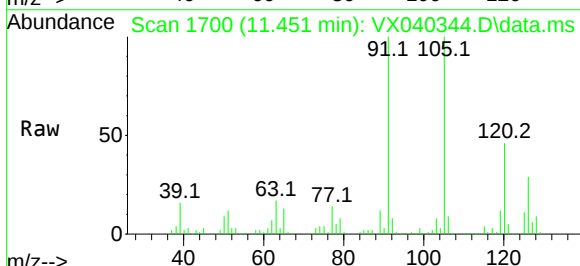
Acq: 20 Feb 2024 10:19

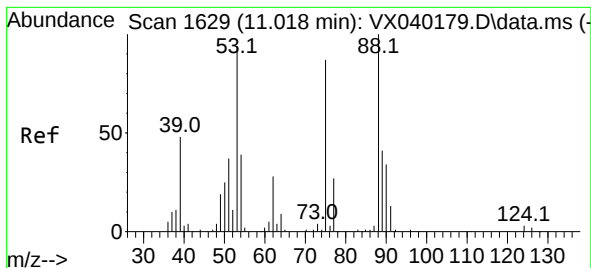
Tgt Ion:105 Resp: 224921

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3





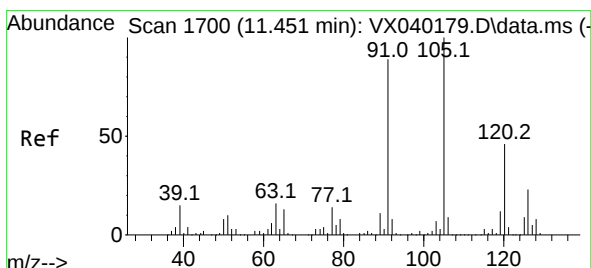
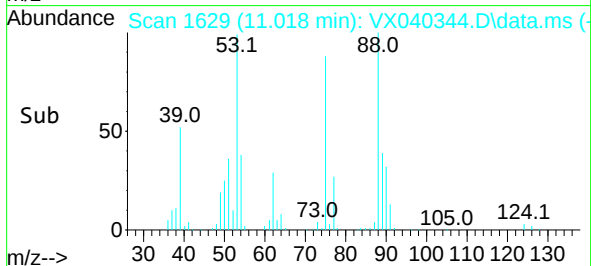
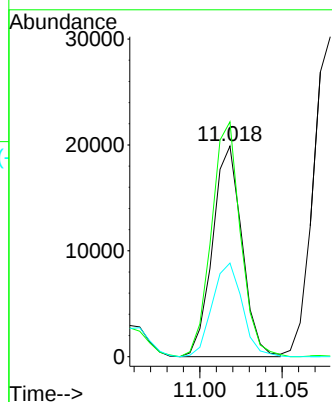
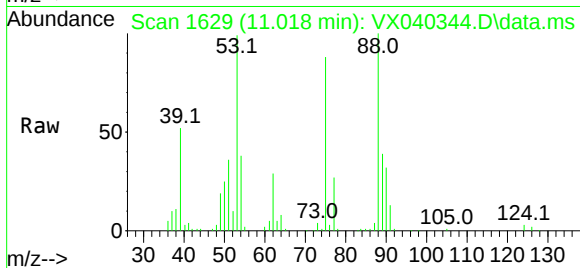
#81
trans-1,4-Dichloro-2-butene
Concen: 48.817 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24790
Ion Ratio Lower Upper
75 100
53 110.1 90.5 135.7
89 45.1 36.9 55.3

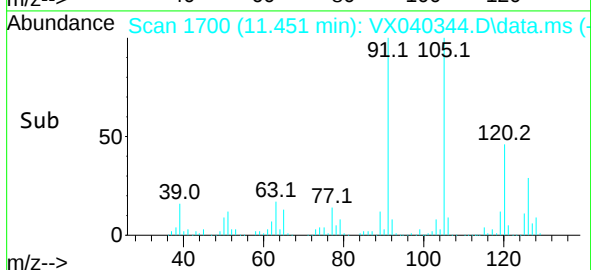
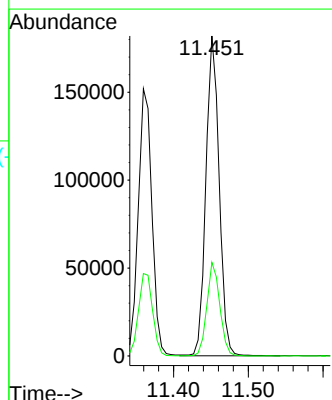
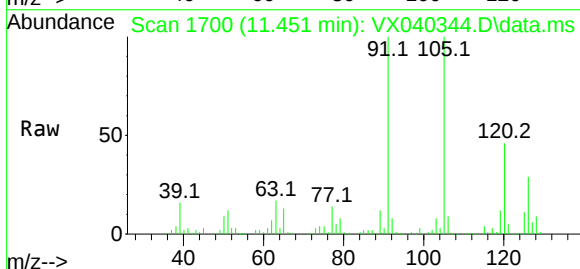
Manual Integrations
APPROVED

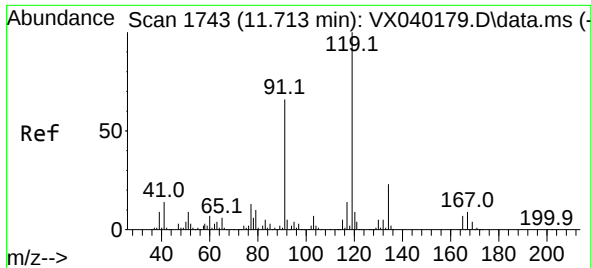
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#82
4-Chlorotoluene
Concen: 51.918 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

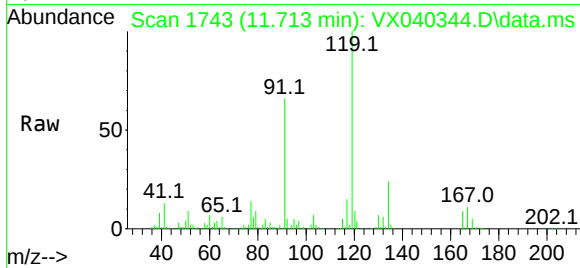
Tgt Ion: 91 Resp: 223521
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.076 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

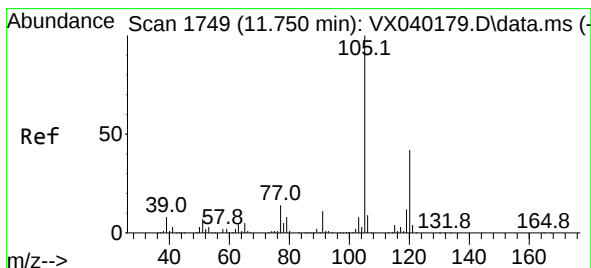
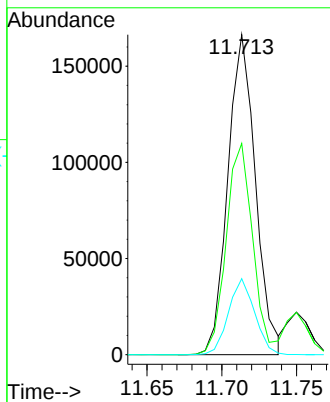
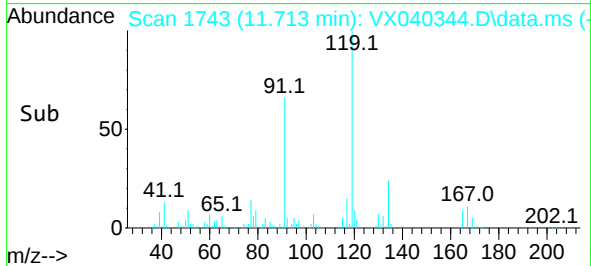
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



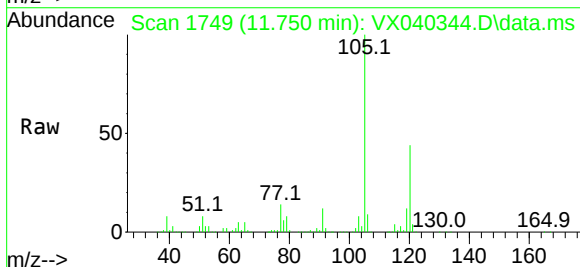
Tgt Ion:119 Resp: 213634
Ion Ratio Lower Upper
119 100
91 62.8 31.2 93.6
134 22.6 11.7 35.0

Manual Integrations
APPROVED

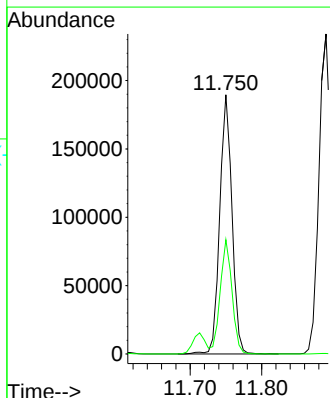
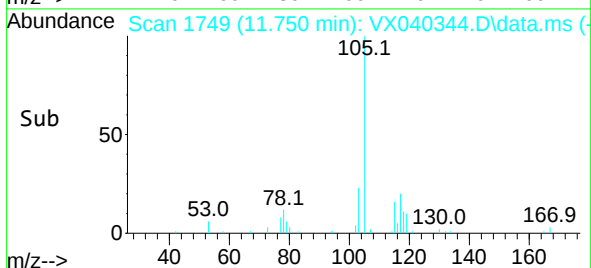
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

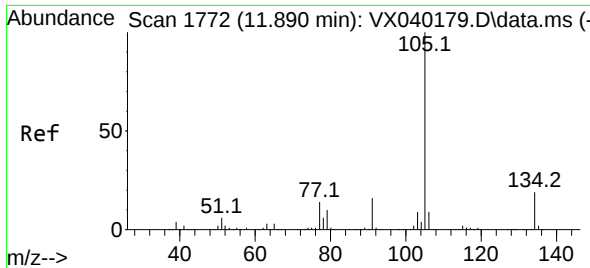


#84
1,2,4-Trimethylbenzene
Concen: 53.234 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



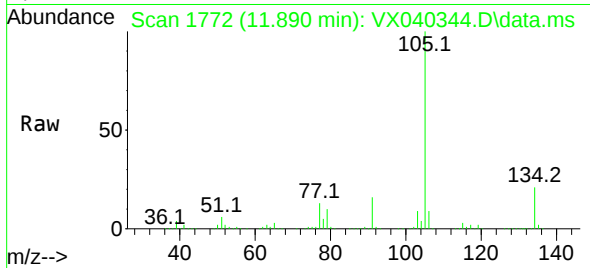
Tgt Ion:105 Resp: 225358
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.813 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040344.D
 Acq: 20 Feb 2024 10:19

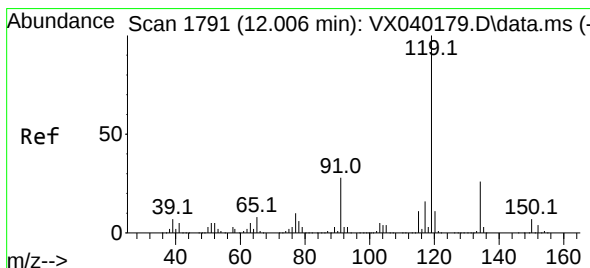
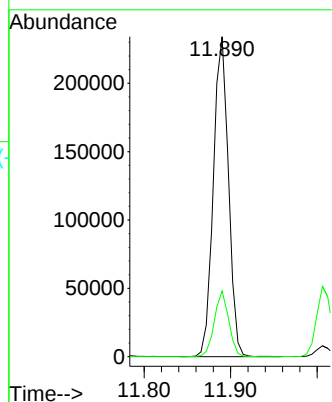
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 283710
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

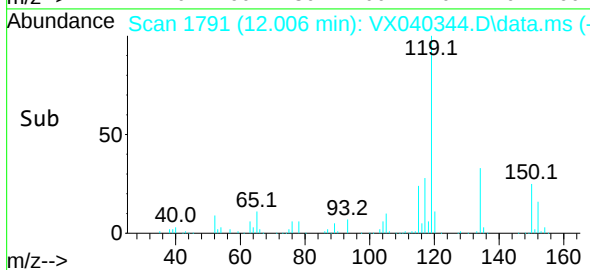
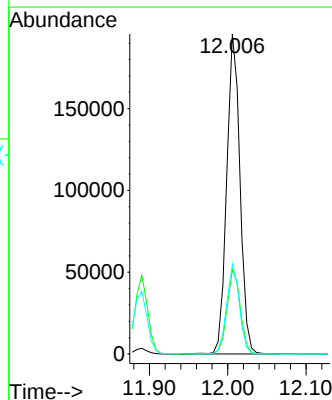
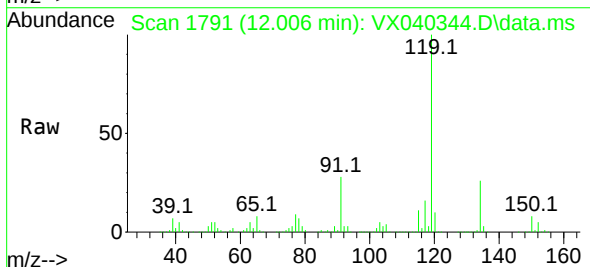
Manual Integrations
 APPROVED

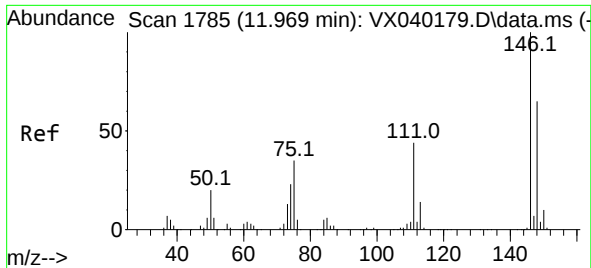
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024



#86
 p-Isopropyltoluene
 Concen: 53.471 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040344.D
 Acq: 20 Feb 2024 10:19

Tgt Ion:119 Resp: 231086
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 27.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.562 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 122258

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

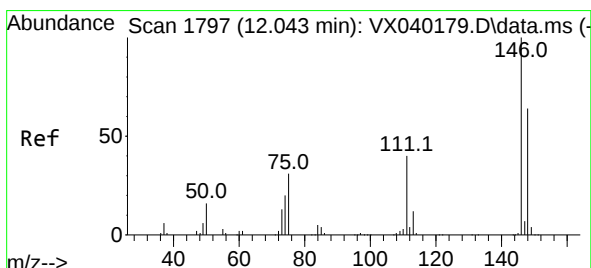
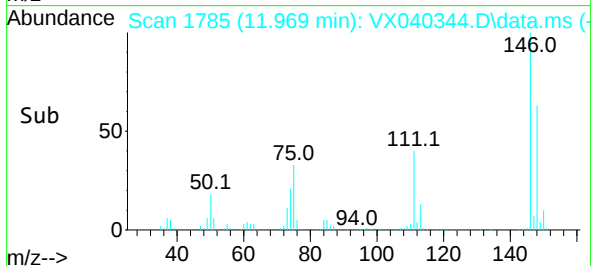
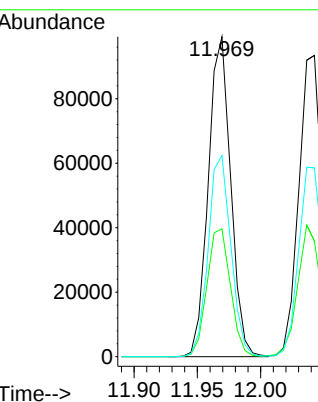
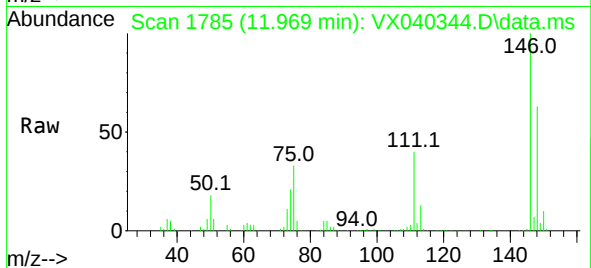
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#88

1,4-Dichlorobenzene

Concen: 49.133 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

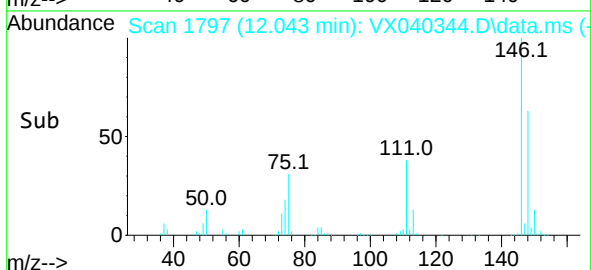
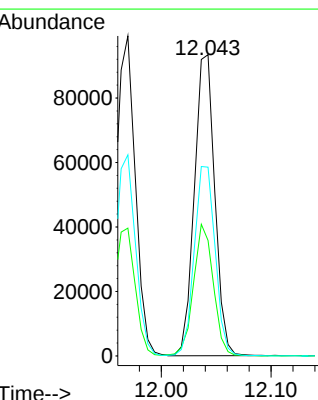
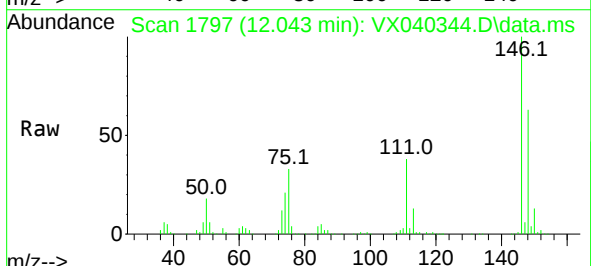
Tgt Ion:146 Resp: 121014

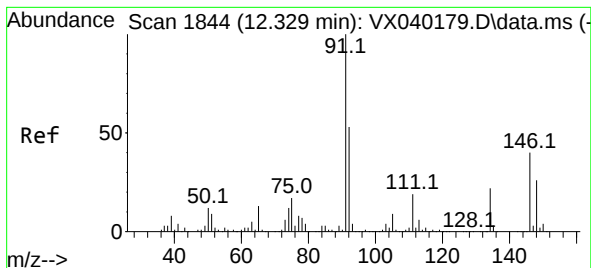
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

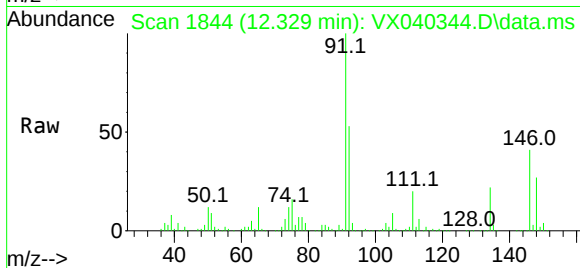
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 54.781 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

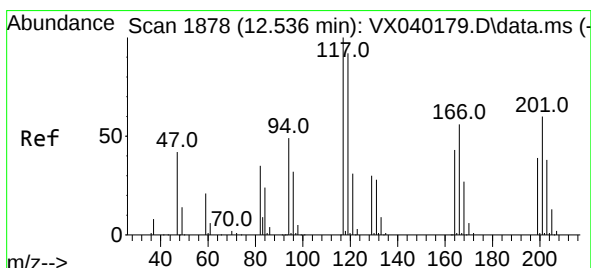
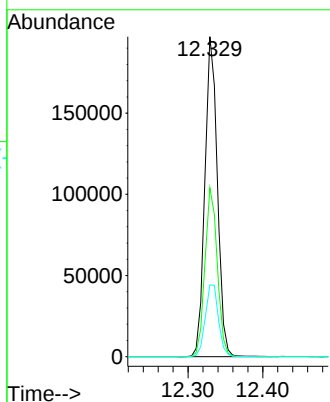
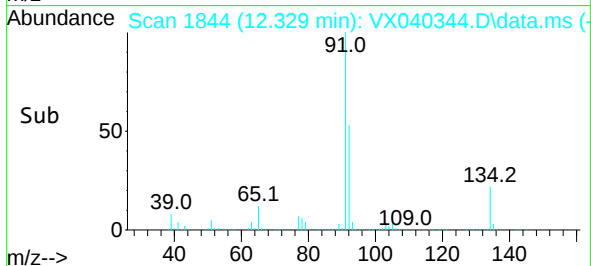
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 22853
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 23.7 12.6 37.8

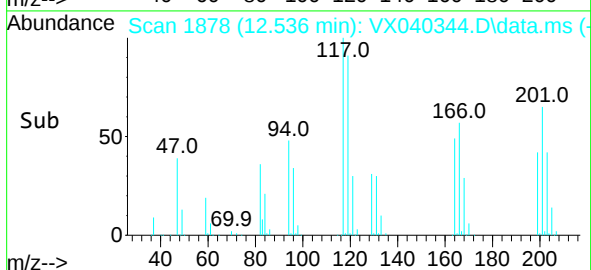
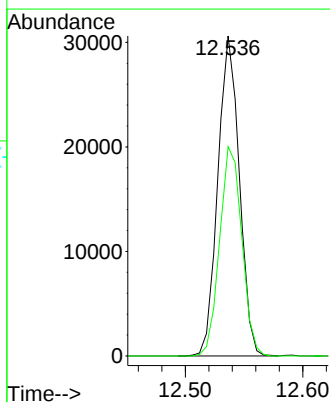
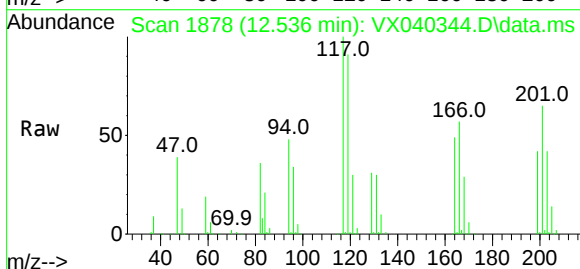
Manual Integrations
APPROVED

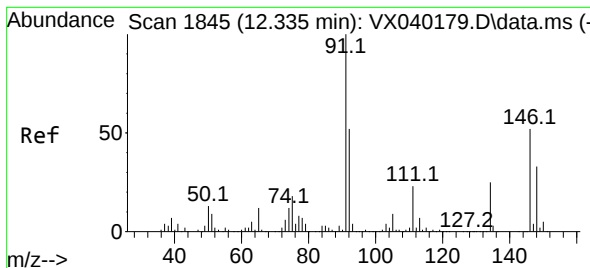
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#90
Hexachloroethane
Concen: 57.022 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

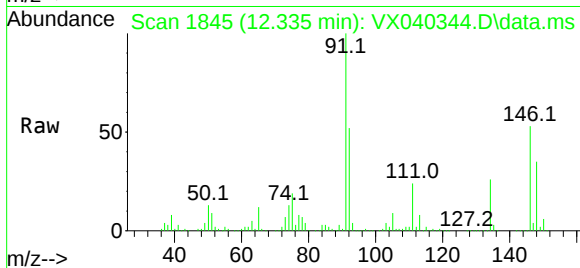
Tgt Ion:117 Resp: 38871
Ion Ratio Lower Upper
117 100
201 67.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.145 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

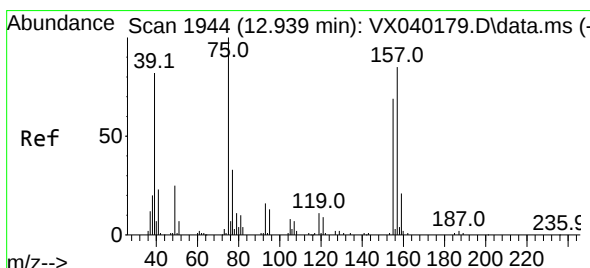
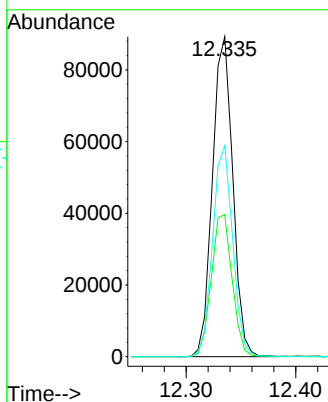
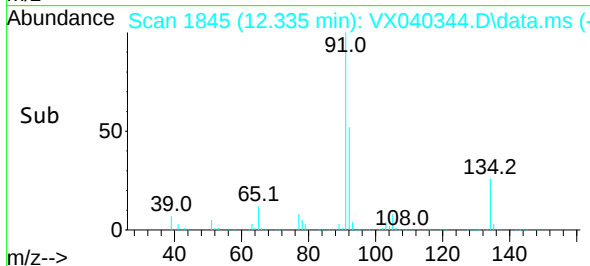
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



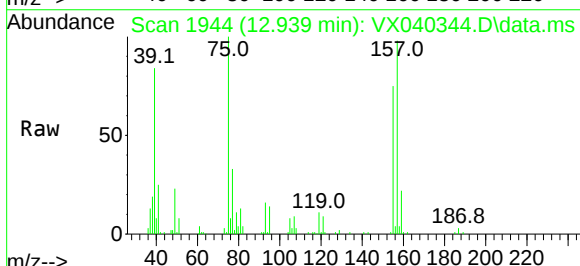
Tgt Ion:146 Resp: 11516
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.0
148 65.3 31.6 95.0

Manual Integrations
APPROVED

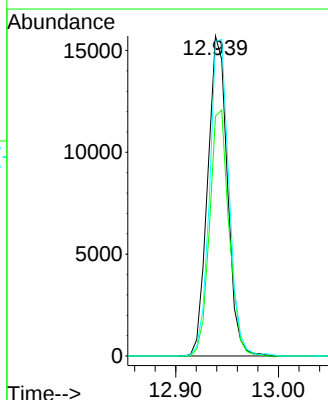
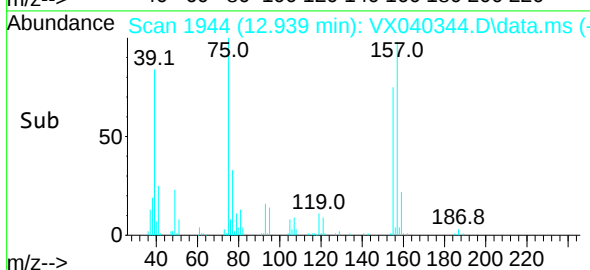
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

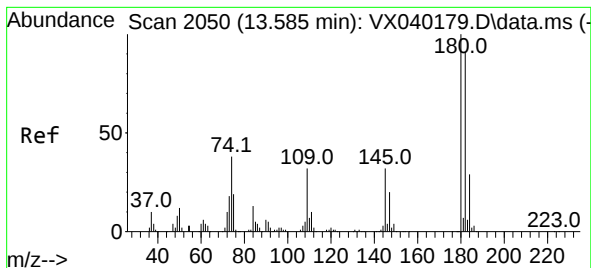


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.910 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19



Tgt Ion: 75 Resp: 20982
Ion Ratio Lower Upper
75 100
155 75.5 36.1 108.5
157 97.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.742 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

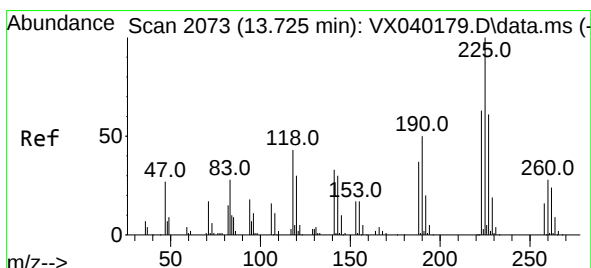
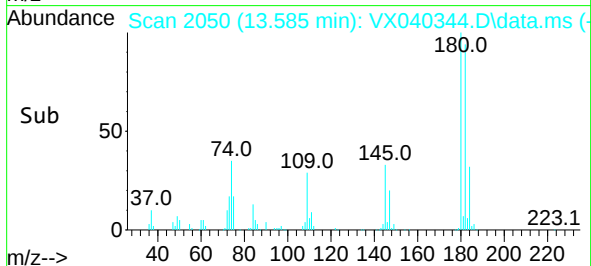
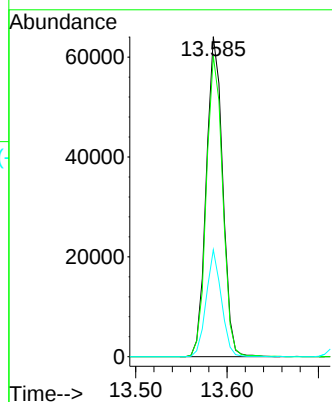
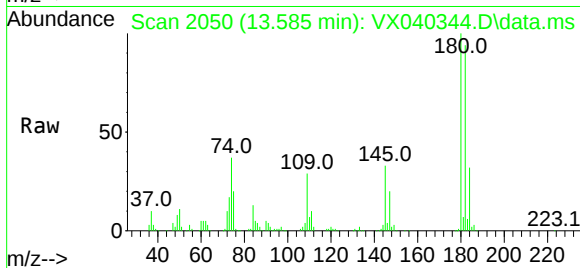
Tgt Ion:180	Resp:	7976
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.3 144.8
145	30.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#94

Hexachlorobutadiene

Concen: 48.931 ug/l

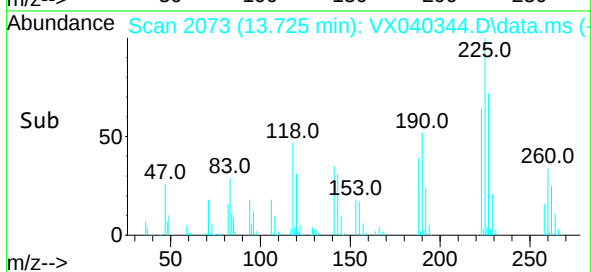
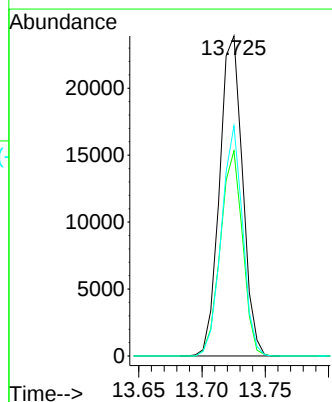
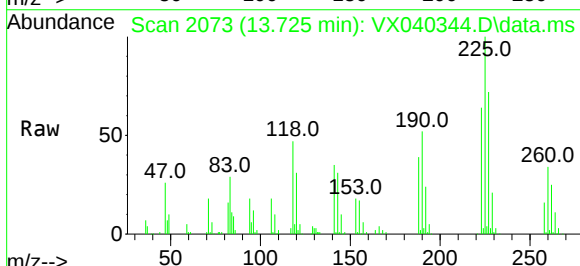
RT: 13.725 min Scan# 2073

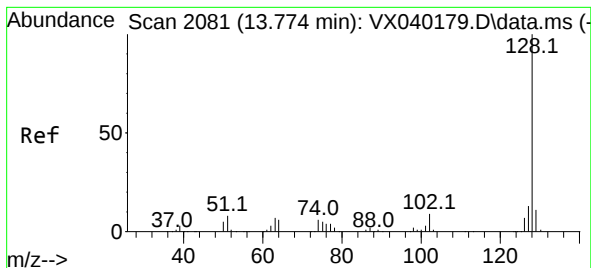
Delta R.T. 0.000 min

Lab File: VX040344.D

Acq: 20 Feb 2024 10:19

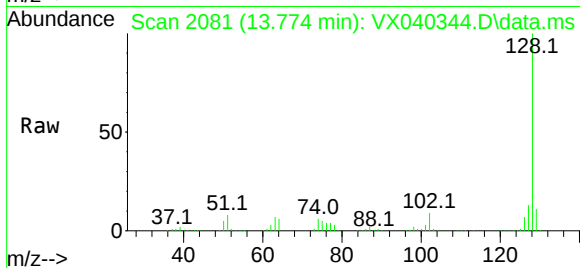
Tgt Ion:225	Resp:	30104
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.1 93.2
227	66.5	32.5 97.5





#95
Naphthalene
Concen: 51.510 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

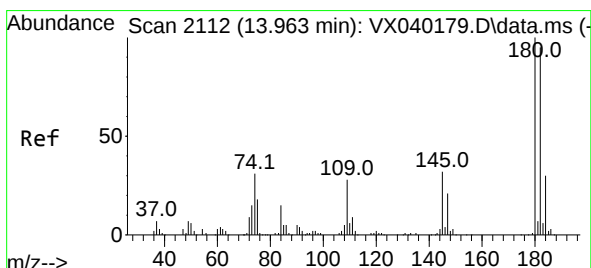
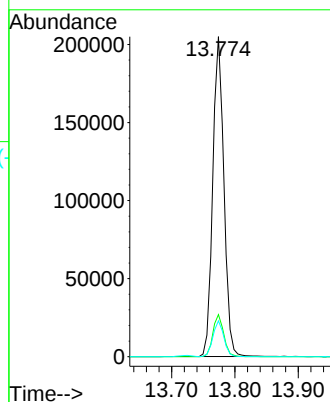
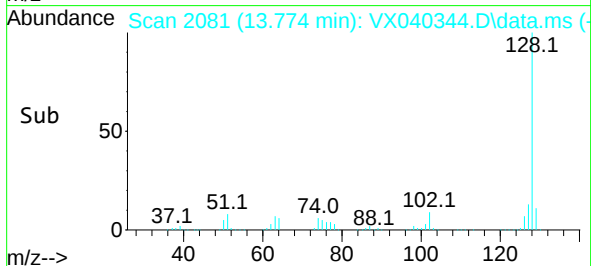
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 250788
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.234 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040344.D
Acq: 20 Feb 2024 10:19

Tgt Ion:180 Resp: 76753
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 33.1 17.8 53.5

