

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
 Data File : VX041227.D
 Acq On : 24 Apr 2024 11:39
 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 04/25/2024
 Supervised By : Mahesh Dadoda 04/25/2024

Quant Time: Apr 25 05:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	237025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	316443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	233059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112170	49.714	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.420%		
35) Dibromofluoromethane	5.379	113	111625	57.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.980%		
50) Toluene-d8	8.647	98	371426	57.192	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	114.380%#		
62) 4-Bromofluorobenzene	11.079	95	147280	61.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	100755	53.744	ug/l	97
3) Chloromethane	1.300	50	94451	46.534	ug/l	99
4) Vinyl Chloride	1.374	62	111002	54.688	ug/l	97
5) Bromomethane	1.599	94	74980	65.608	ug/l	99
6) Chloroethane	1.685	64	58199	75.474	ug/l	99
7) Trichlorofluoromethane	1.886	101	168373	53.536	ug/l	99
8) Diethyl Ether	2.136	74	57917	50.041	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	92081	49.762	ug/l	# 87
10) Methyl Iodide	2.453	142	73537	32.955	ug/l	91
11) Tert butyl alcohol	2.959	59	102506m	253.592	ug/l	
12) 1,1-Dichloroethene	2.319	96	83397	48.279	ug/l	85
13) Acrolein	2.233	56	119762	264.115	ug/l	99
14) Allyl chloride	2.660	41	139397	49.676	ug/l	94
15) Acrylonitrile	3.062	53	249720	241.766	ug/l	99
16) Acetone	2.380	43	234757	285.841	ug/l	95
17) Carbon Disulfide	2.514	76	191169	52.978	ug/l	98
18) Methyl Acetate	2.703	43	106734	43.933	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	305429	49.461	ug/l	99
20) Methylene Chloride	2.788	84	87664	43.705	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	91135	47.742	ug/l	91
22) Diisopropyl ether	3.757	45	346083	57.042	ug/l	93
23) Vinyl Acetate	3.721	43	1630854	314.206	ug/l	95
24) 1,1-Dichloroethane	3.605	63	197161	58.134	ug/l	96
25) 2-Butanone	4.550	43	438799	312.849	ug/l	95
26) 2,2-Dichloropropane	4.471	77	175973	61.392	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	135463	57.253	ug/l	89
28) Bromochloromethane	4.897	49	68710	53.386	ug/l	# 73
29) Tetrahydrofuran	4.995	42	279743	292.763	ug/l	94
30) Chloroform	5.086	83	212048	58.251	ug/l	97
31) Cyclohexane	5.464	56	169041	55.667	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	194946	59.739	ug/l	97
36) 1,1-Dichloropropene	5.690	75	144646	58.730	ug/l	95
37) Ethyl Acetate	4.708	43	171750	63.560	ug/l	99
38) Carbon Tetrachloride	5.672	117	175359	63.746	ug/l	97
39) Methylcyclohexane	7.379	83	191736	58.693	ug/l	91
40) Benzene	6.037	78	368179	48.404	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	93779	66.663	ug/l	95
42) 1,2-Dichloroethane	6.080	62	138371	52.465	ug/l	96
43) Isopropyl Acetate	6.336	43	228174	52.419	ug/l	98
44) Trichloroethene	7.123	130	128462	58.089	ug/l	88
45) 1,2-Dichloropropane	7.427	63	106318	58.295	ug/l	100
46) Dibromomethane	7.580	93	83164	61.153	ug/l #	76
47) Bromodichloromethane	7.818	83	165037	65.837	ug/l	96
48) Methyl methacrylate	7.690	41	132574	64.391	ug/l	93
49) 1,4-Dioxane	7.659	88	51534	1162.909	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	857444	314.701	ug/l	97
52) Toluene	8.714	92	235494	49.134	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	144122	58.614	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	180182	64.461	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	95352	50.985	ug/l	98
56) Ethyl methacrylate	9.116	69	153672	53.748	ug/l	97
57) 1,3-Dichloropropane	9.305	76	159850	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	384464	276.289	ug/l	91
59) 2-Hexanone	9.427	43	572822	274.163	ug/l	98
60) Dibromochloromethane	9.518	129	129093	59.795	ug/l	100
61) 1,2-Dibromoethane	9.610	107	105703	52.679	ug/l	99
64) Tetrachloroethene	9.269	164	106592	59.635	ug/l	91
65) Chlorobenzene	10.079	112	275871	57.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	102596	62.448	ug/l	98
67) Ethyl Benzene	10.189	91	460568	60.170	ug/l	99
68) m/p-Xylenes	10.299	106	372630	120.593	ug/l	92
69) o-Xylene	10.640	106	188918	62.862	ug/l	94
70) Styrene	10.652	104	328392	67.166	ug/l	95
71) Bromoform	10.799	173	107878	76.803	ug/l #	100
73) Isopropylbenzene	10.963	105	510140	50.659	ug/l	96
74) N-amyl acetate	10.841	43	202209	51.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	174798	55.041	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	145091m	55.640	ug/l	
77) Bromobenzene	11.195	156	161773	55.203	ug/l	78
78) n-propylbenzene	11.305	91	648952	59.682	ug/l	95
79) 2-Chlorotoluene	11.360	91	382222	55.548	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	479872	57.279	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	57385	62.087	ug/l	90
82) 4-Chlorotoluene	11.451	91	445981	57.194	ug/l	92
83) tert-Butylbenzene	11.713	119	513143	57.197	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	478007	57.486	ug/l	92
85) sec-Butylbenzene	11.890	105	622051	60.043	ug/l	95
86) p-Isopropyltoluene	12.006	119	555528	60.848	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	297250	56.468	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	300952	55.721	ug/l	95
89) n-Butylbenzene	12.329	91	468674	67.611	ug/l	97
90) Hexachloroethane	12.536	117	94965	63.058	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	293064	55.583	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39899	59.876	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	233682	63.924	ug/l	95
94) Hexachlorobutadiene	13.725	225	119061	63.747	ug/l	99
95) Naphthalene	13.774	128	633650	60.328	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228778	59.414	ug/l	95

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VSTDCCC050

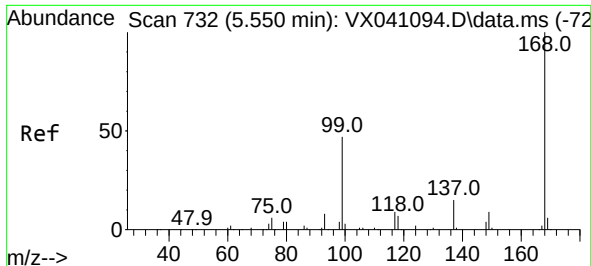
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2024

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Response via : Initial Calibration

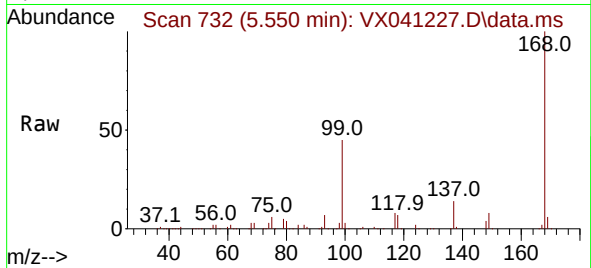
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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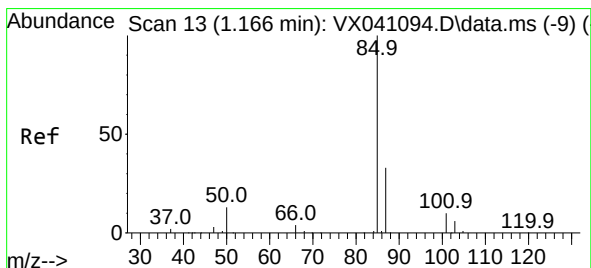
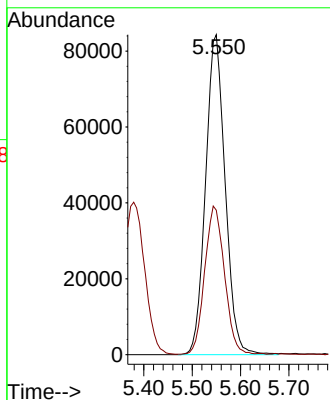
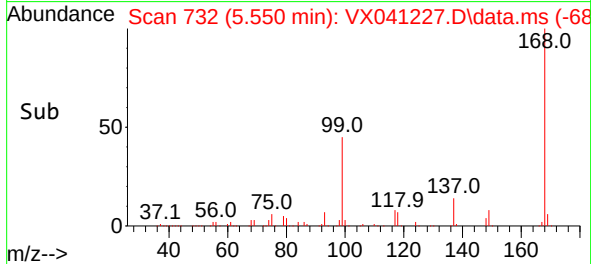
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 237025
Ion Ratio Lower Upper
168 100
99 45.0 56.6 85.0

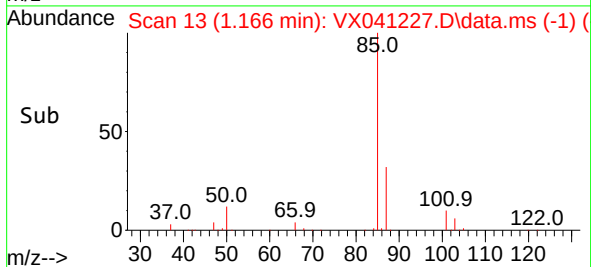
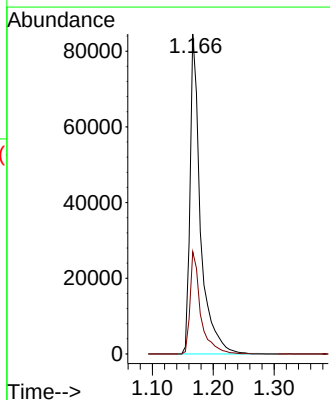
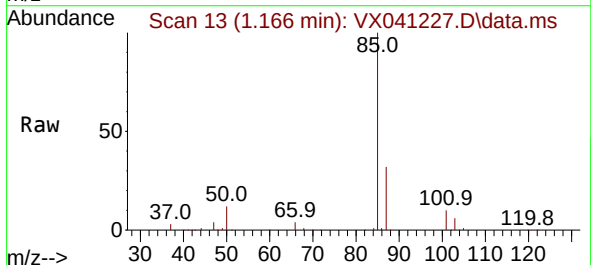
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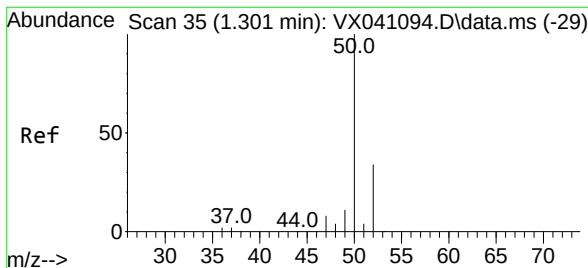
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#2
Dichlorodifluoromethane
Concen: 53.744 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 85 Resp: 100755
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





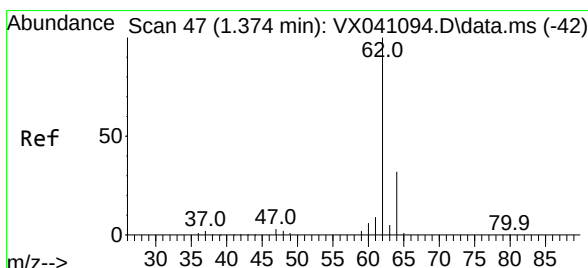
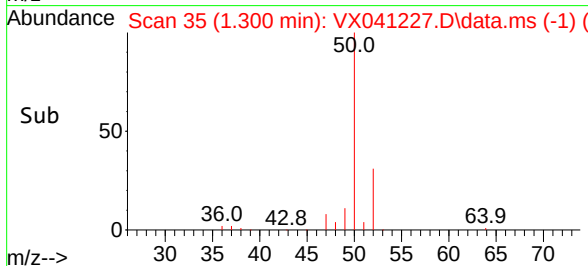
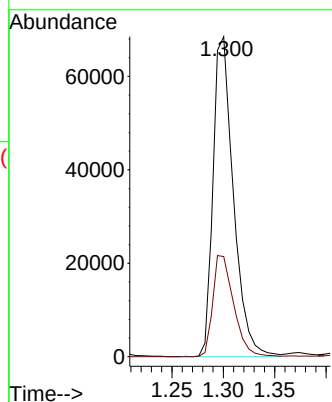
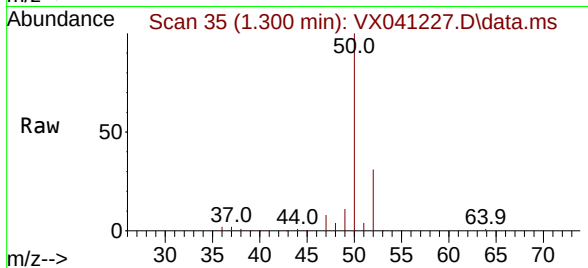
#3
Chloromethane
Concen: 46.534 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

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Tgt Ion: 50 Resp: 9445
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

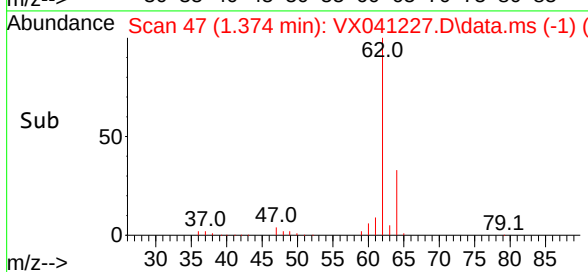
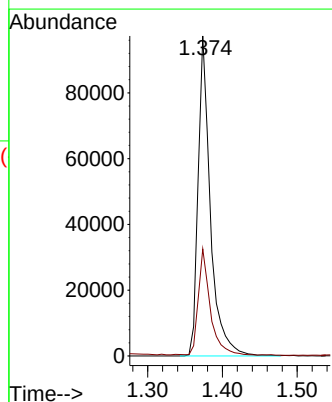
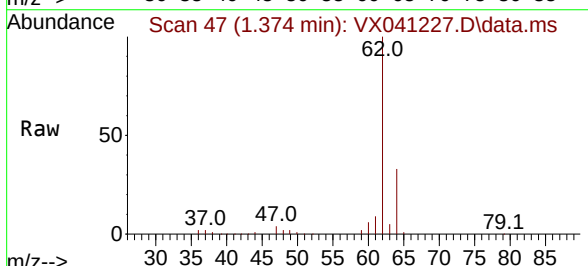
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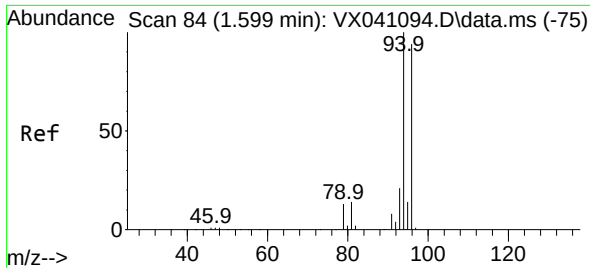
Reviewed By :John Carlone 04/25/2024
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#4
Vinyl Chloride
Concen: 54.688 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

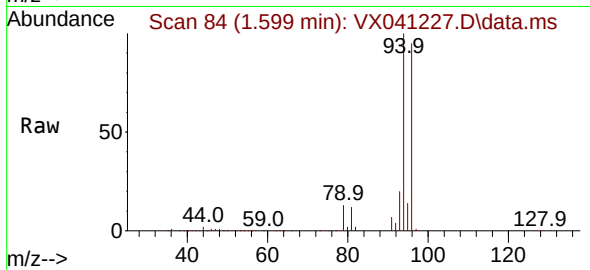
Tgt Ion: 62 Resp: 111002
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 65.608 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

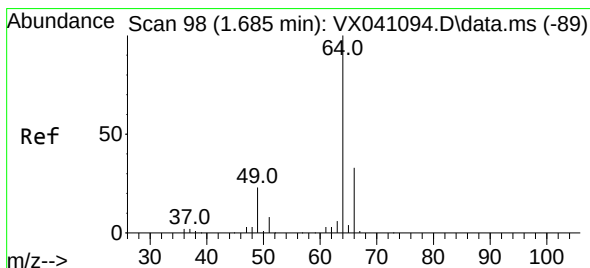
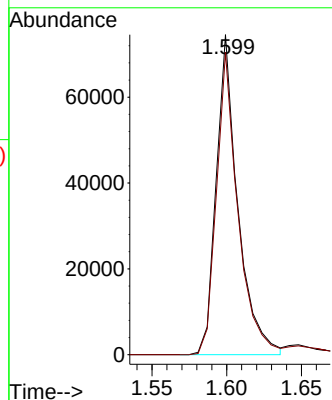
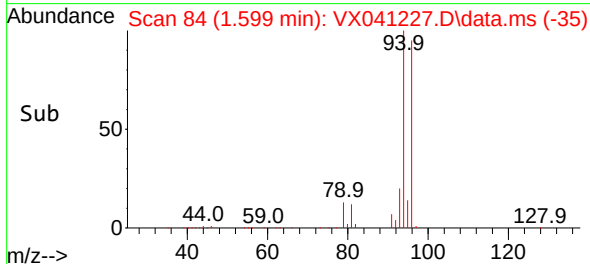
Instrument :
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Tgt Ion: 94 Resp: 74980
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8

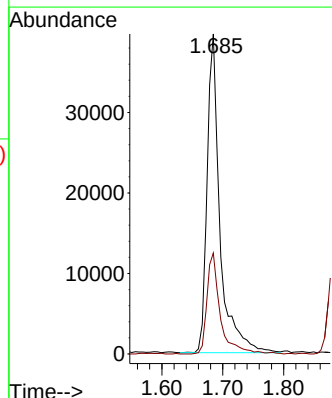
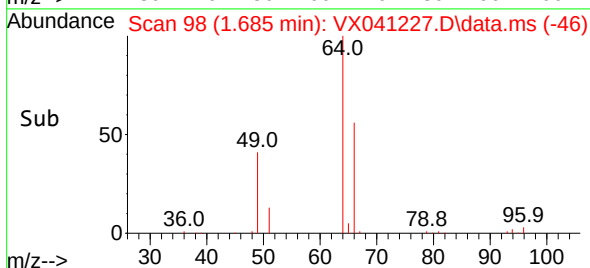
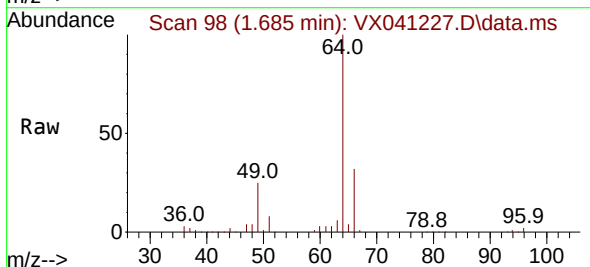
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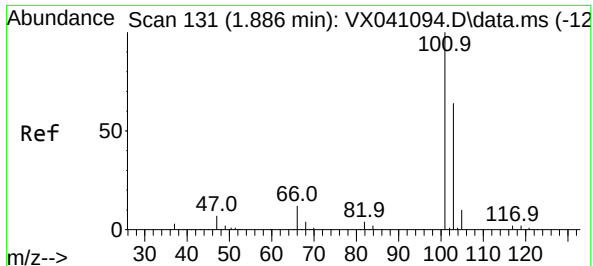
Reviewed By :John Carlone 04/25/2024
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#6
Chloroethane
Concen: 75.474 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.018 min
Lab File: VX041227.D
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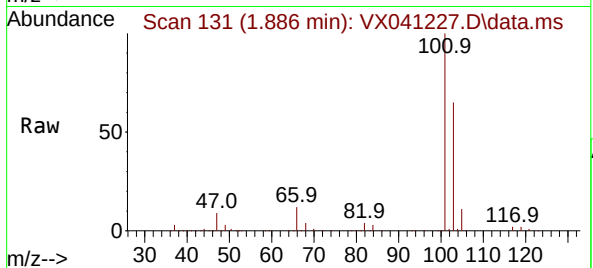
Tgt Ion: 64 Resp: 58199
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 53.536 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX041227.D
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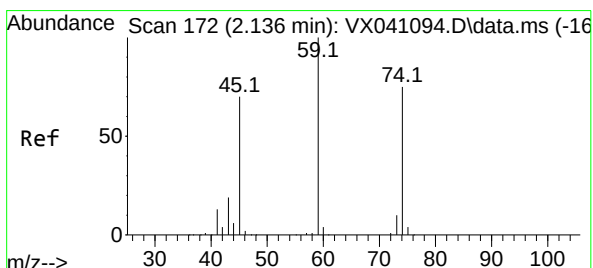
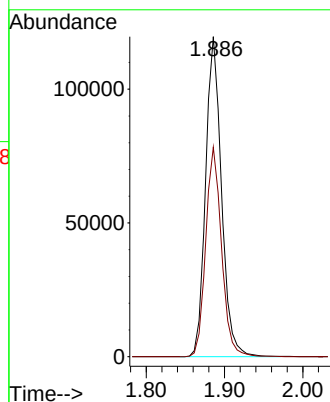
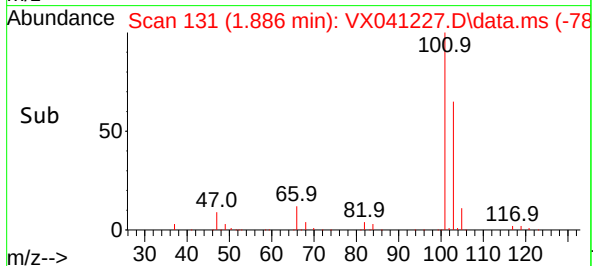
Instrument :
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Tgt Ion:101 Resp: 16837
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

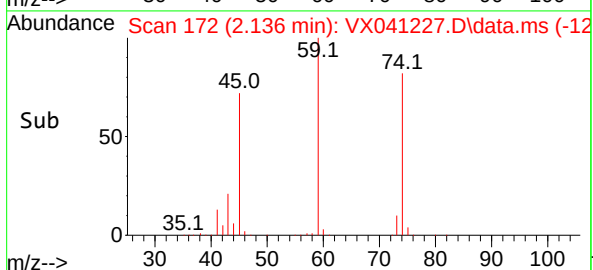
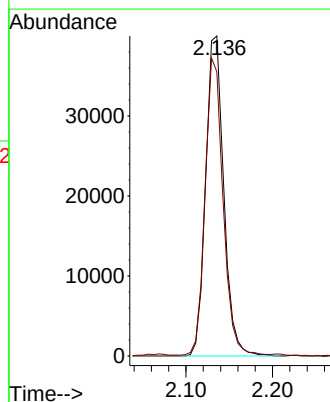
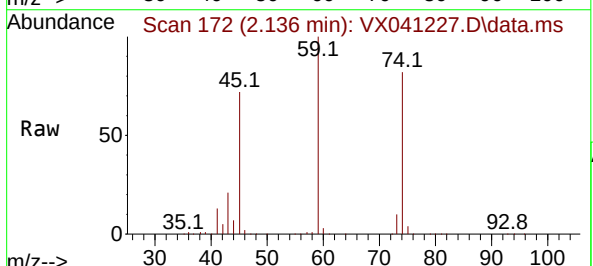
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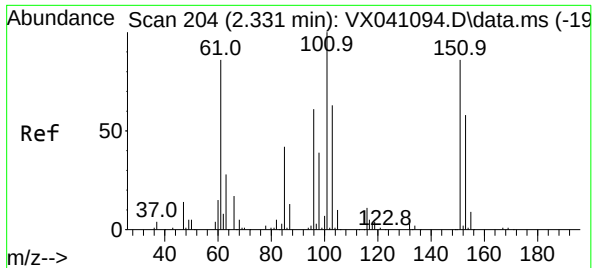
Reviewed By :John Carlone 04/25/2024
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#8
Diethyl Ether
Concen: 50.041 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 57917
Ion Ratio Lower Upper
74 100
45 92.3 53.3 159.8





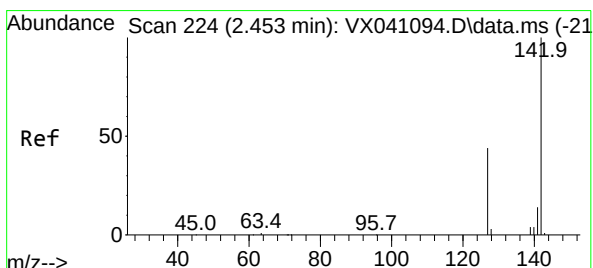
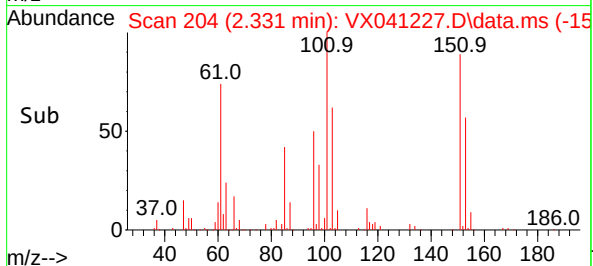
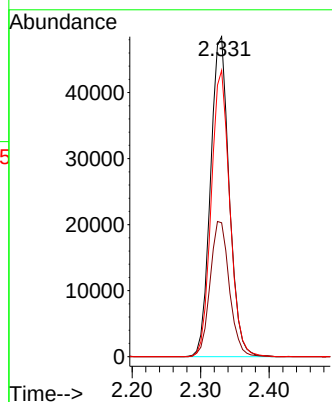
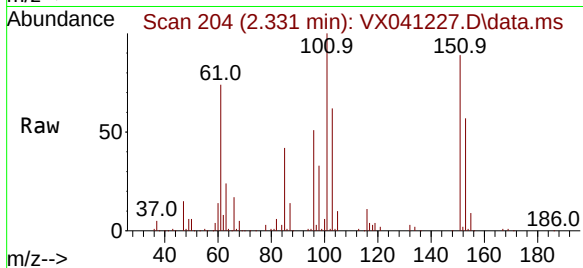
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.762 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.018 min
Lab File: VX041227.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9208
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 88.6 58.6 87.8

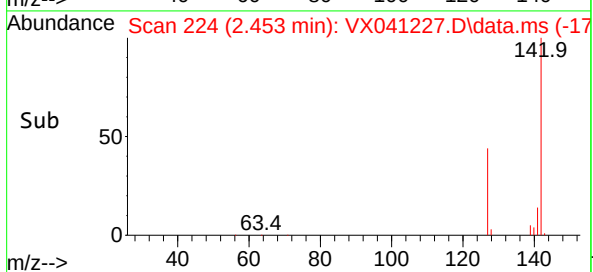
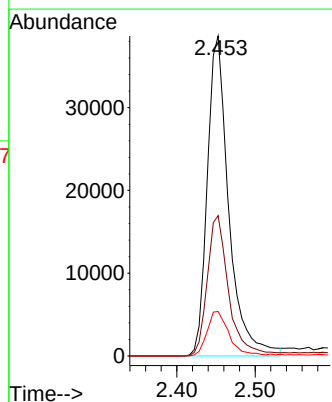
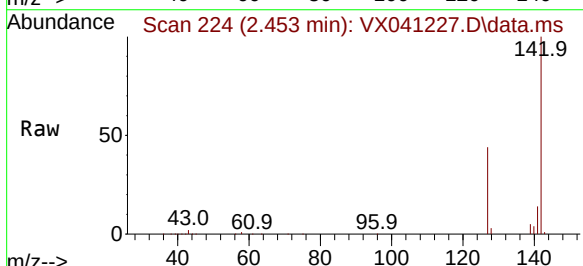
Manual Integrations
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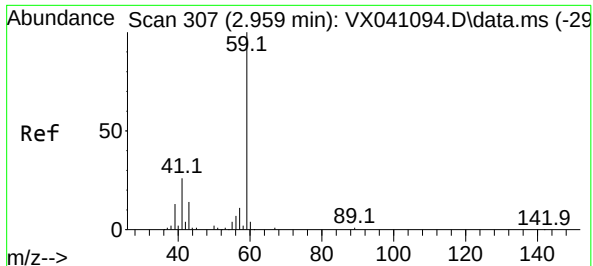
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#10
Methyl Iodide
Concen: 32.955 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:142 Resp: 73537
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 253.592 ug/l m

RT: 2.959 min Scan# 307

Delta R.T. -0.104 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 102500

Ion Ratio Lower Upper

59 100

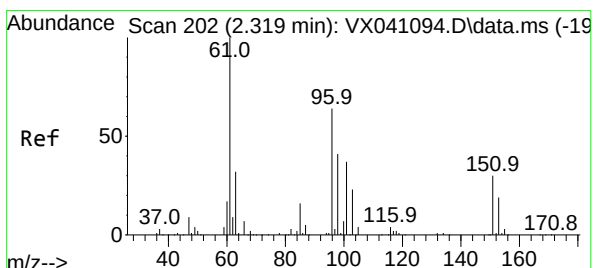
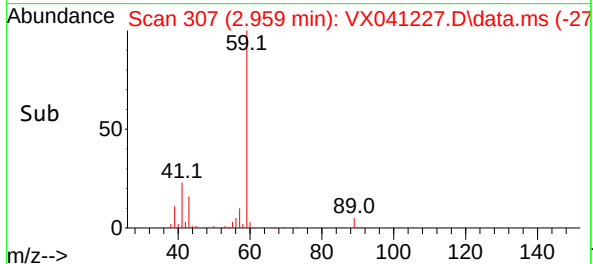
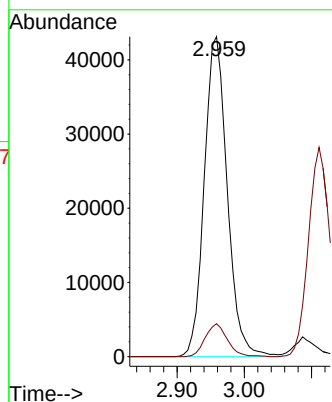
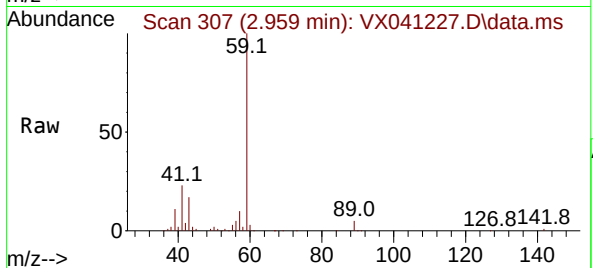
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#12

1,1-Dichloroethene

Concen: 48.279 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.012 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

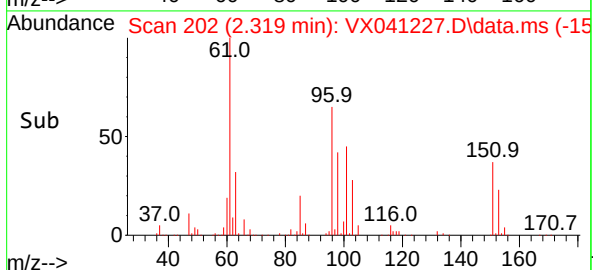
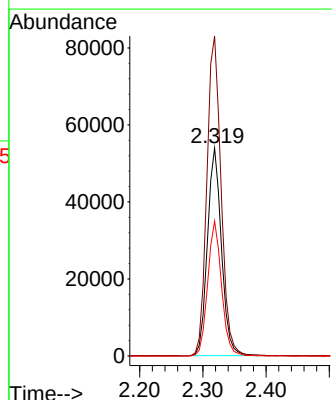
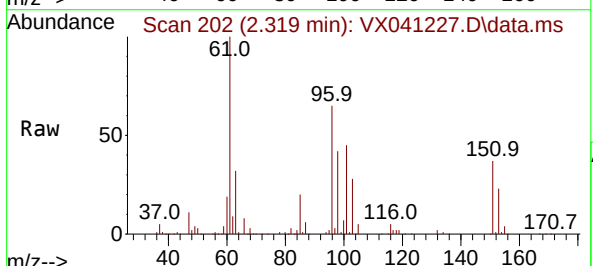
Tgt Ion: 96 Resp: 83397

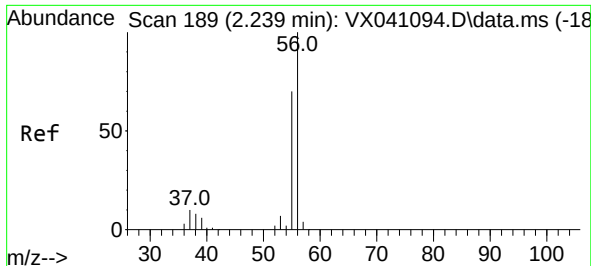
Ion Ratio Lower Upper

96 100

61 154.0 144.6 216.8

98 64.9 50.4 75.6





#13

Acrolein

Concen: 264.115 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 119762

Ion Ratio Lower Upper

56 100

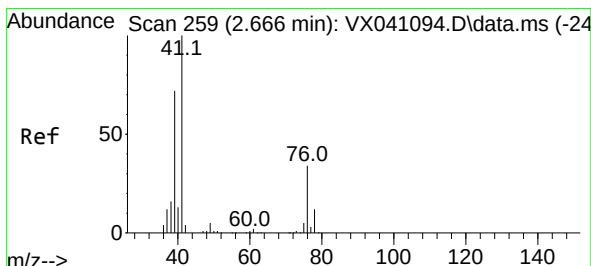
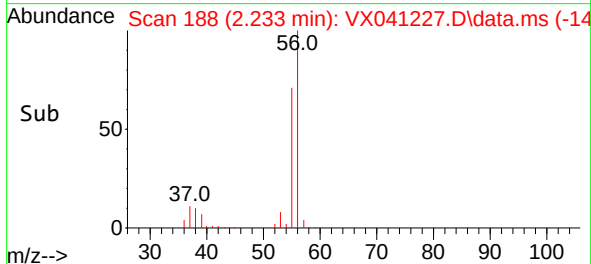
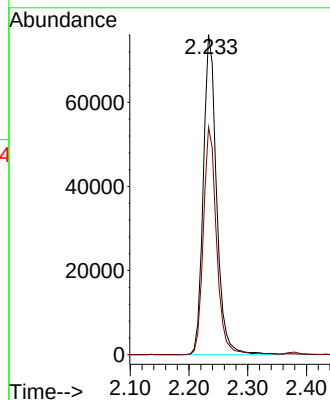
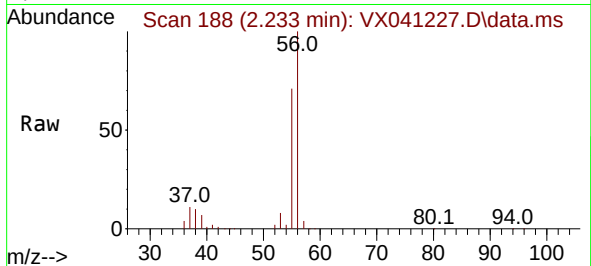
55 70.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#14

Allyl chloride

Concen: 49.676 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

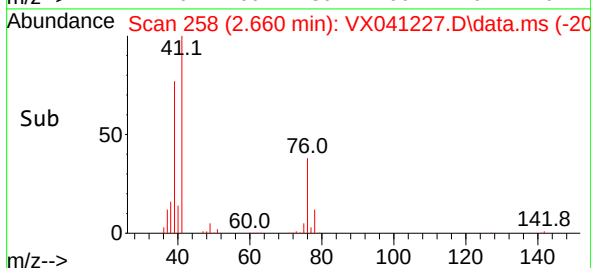
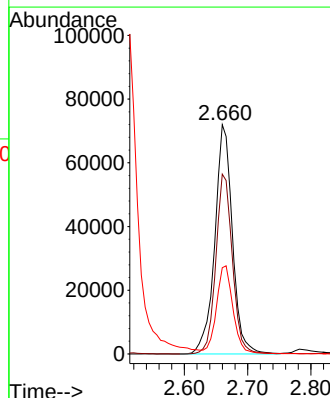
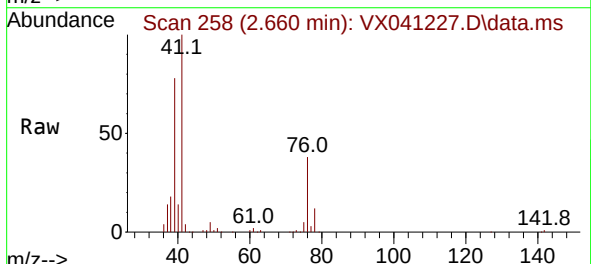
Tgt Ion: 41 Resp: 139397

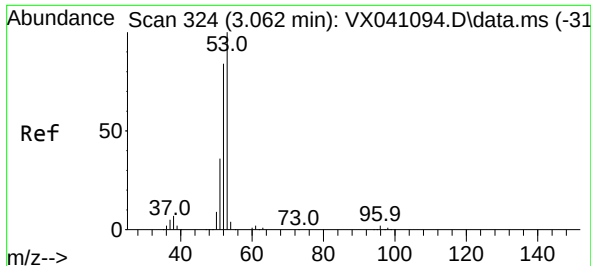
Ion Ratio Lower Upper

41 100

39 73.3 55.8 83.6

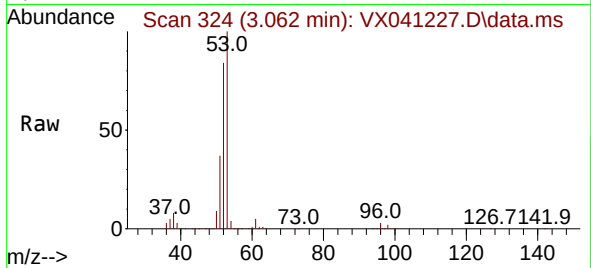
76 35.8 24.3 36.5





#15
Acrylonitrile
Concen: 241.766 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

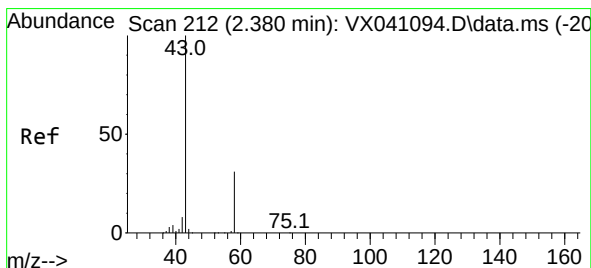
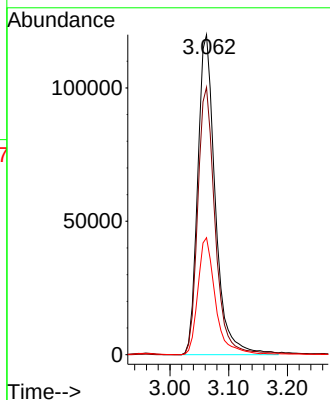
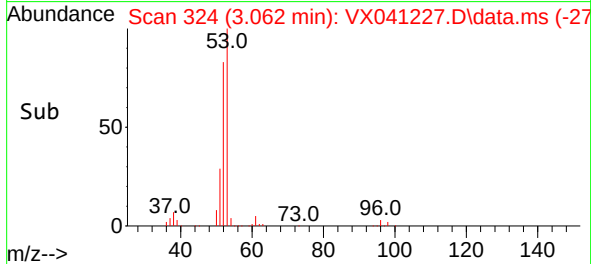
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 249720
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.7 29.8 44.6

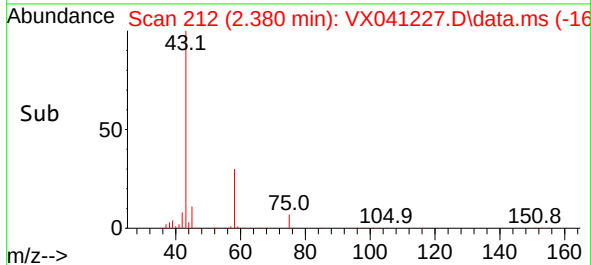
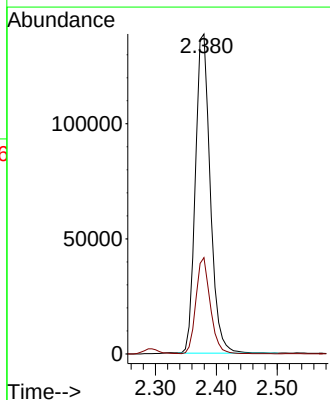
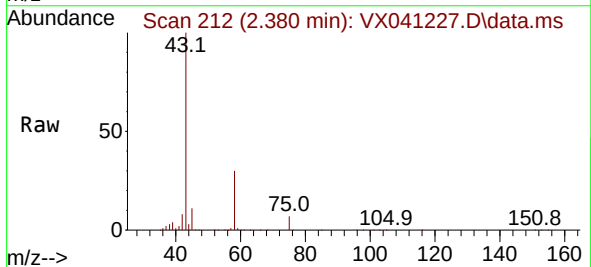
Manual Integrations
APPROVED

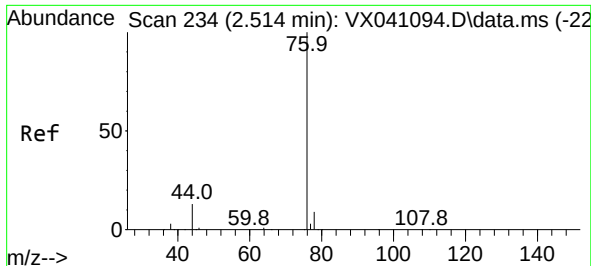
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#16
Acetone
Concen: 285.841 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 43 Resp: 234757
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 52.978 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 191169

Ion Ratio Lower Upper

76 100

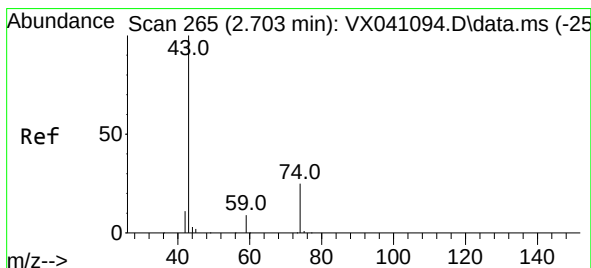
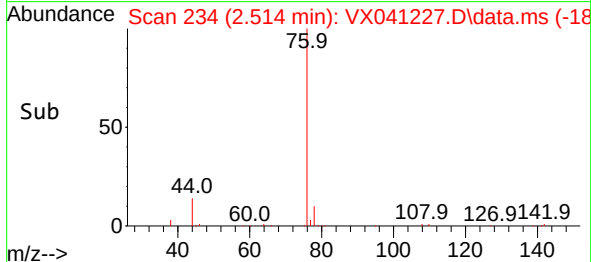
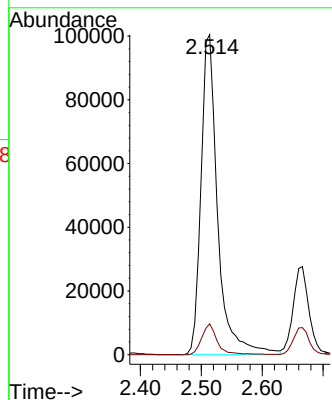
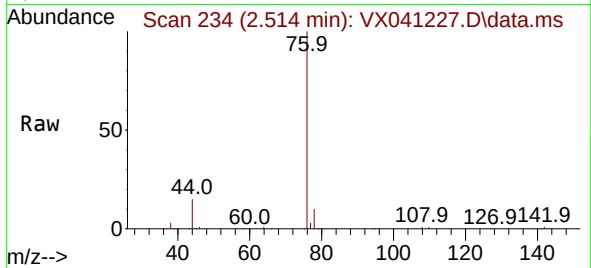
78 9.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#18

Methyl Acetate

Concen: 43.933 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041227.D

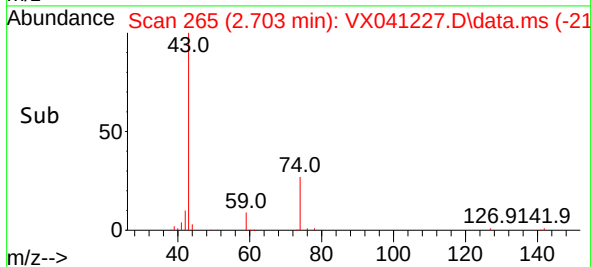
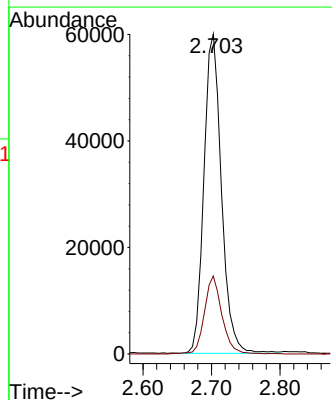
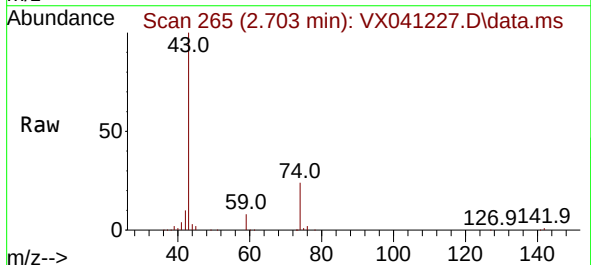
Acq: 24 Apr 2024 11:39

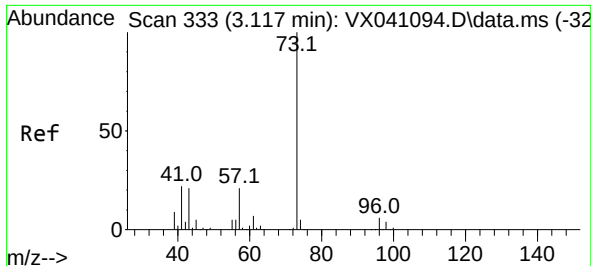
Tgt Ion: 43 Resp: 106734

Ion Ratio Lower Upper

43 100

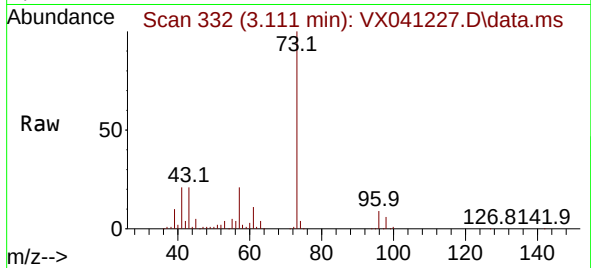
74 24.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.461 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

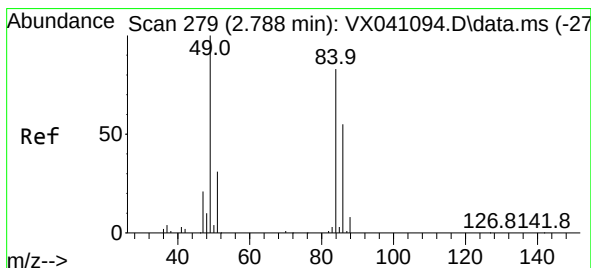
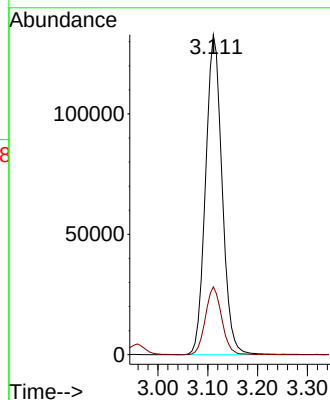
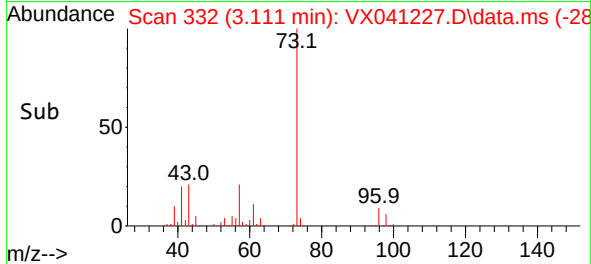
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 305429
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

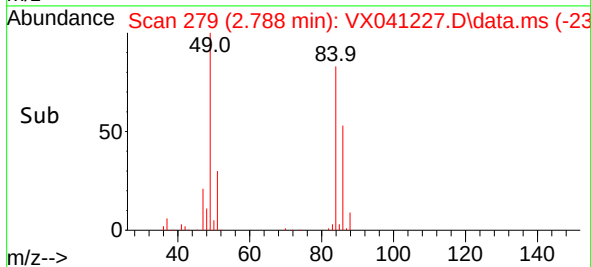
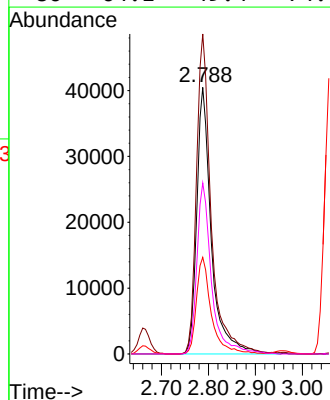
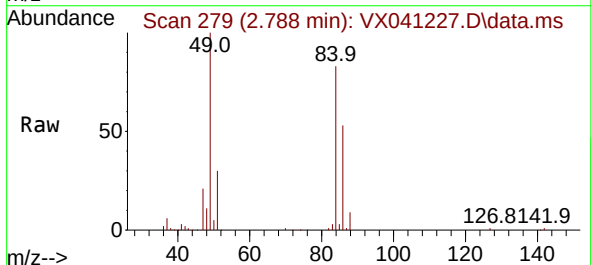
Manual Integrations
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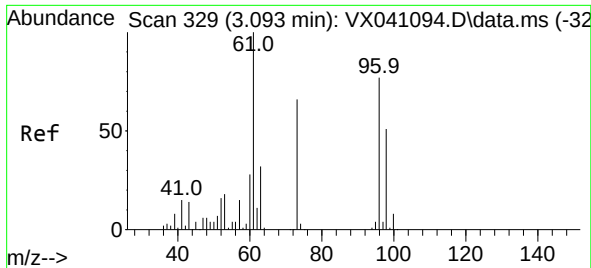
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#20
Methylene Chloride
Concen: 43.705 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

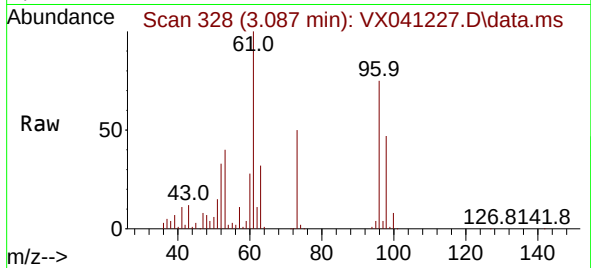
Tgt Ion: 84 Resp: 87664
Ion Ratio Lower Upper
84 100
49 120.0 103.6 155.4
51 36.3 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.742 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

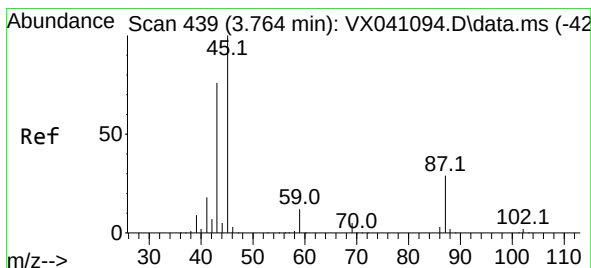
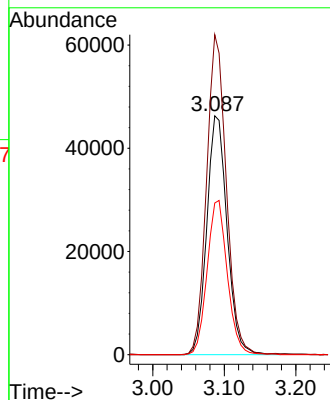
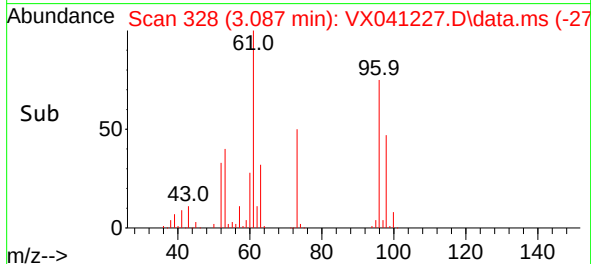
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 91138
Ion Ratio Lower Upper
96 100
61 134.0 119.2 178.8
98 63.5 48.7 73.1

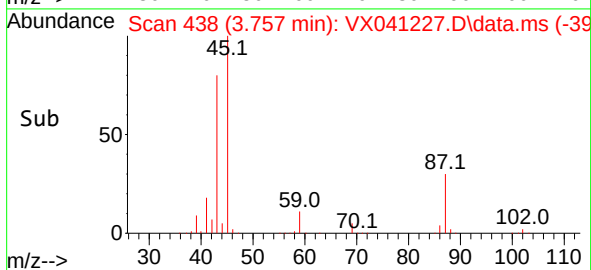
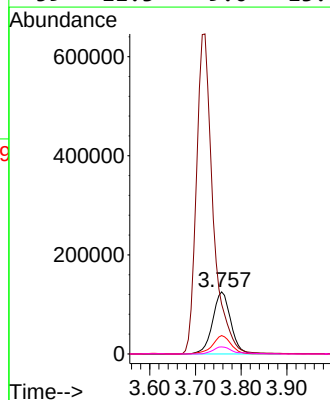
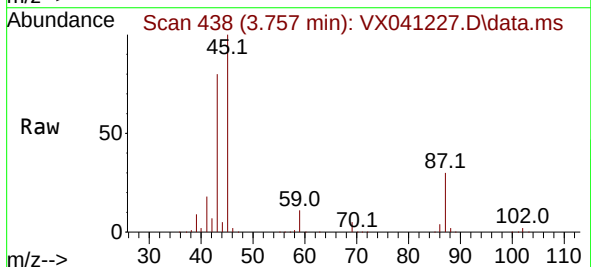
Manual Integrations
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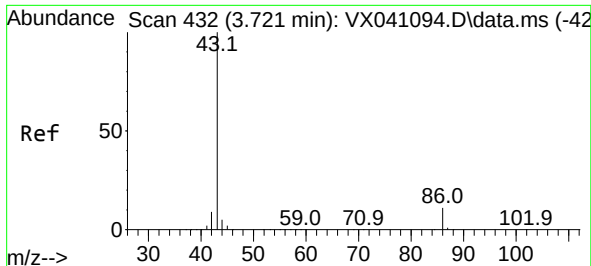
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#22
Diisopropyl ether
Concen: 57.042 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

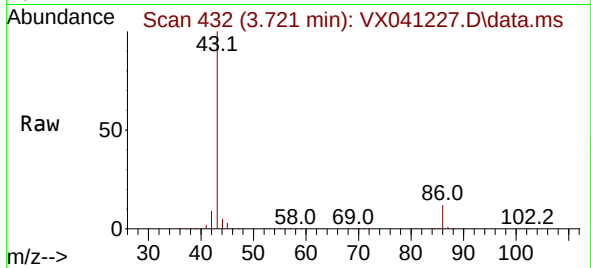
Tgt Ion: 45 Resp: 346083
Ion Ratio Lower Upper
45 100
43 80.2 69.7 104.5
87 29.6 20.8 31.2
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 314.206 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041227.D
 Acq: 24 Apr 2024 11:39

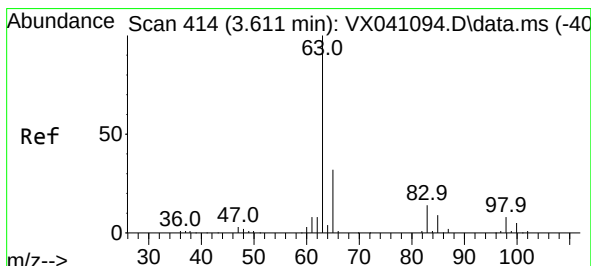
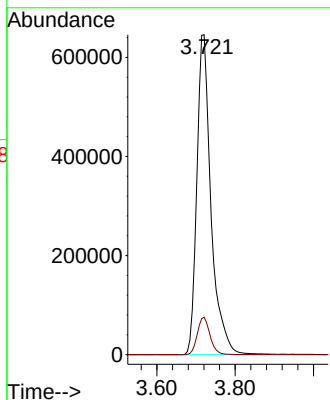
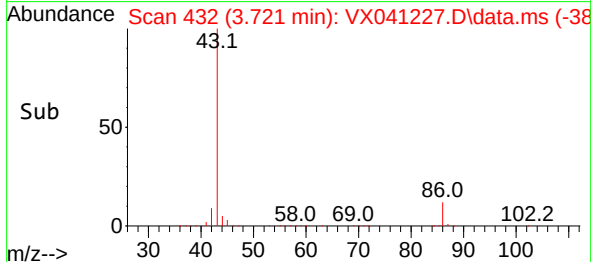
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



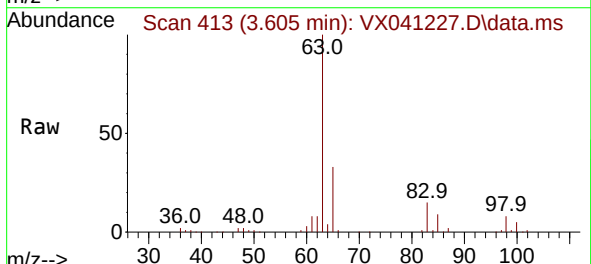
Tgt Ion: 43 Resp: 1630854
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
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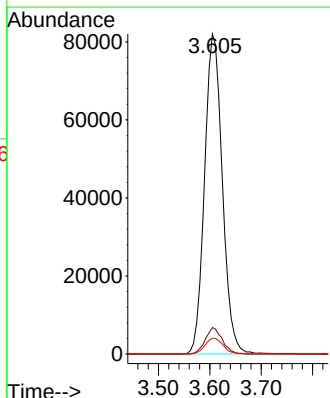
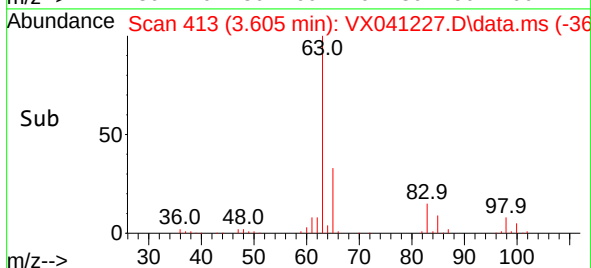
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024

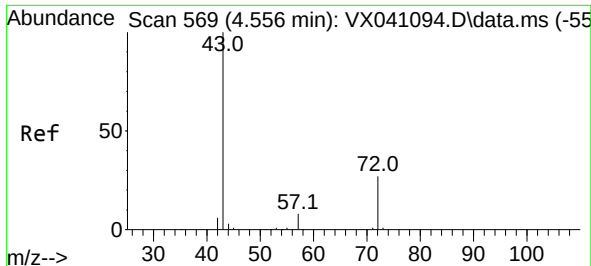


#24
 1,1-Dichloroethane
 Concen: 58.134 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041227.D
 Acq: 24 Apr 2024 11:39



Tgt Ion: 63 Resp: 197161
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 312.849 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.018 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 438799

Ion Ratio Lower Upper

43 100

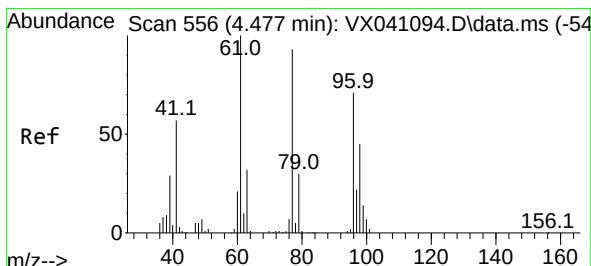
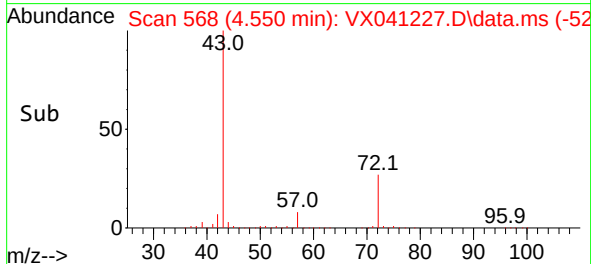
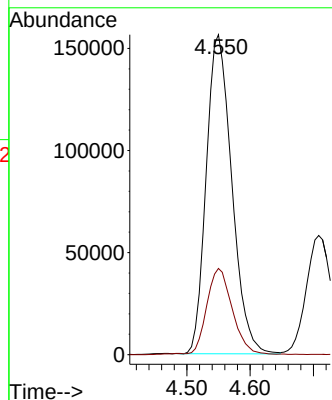
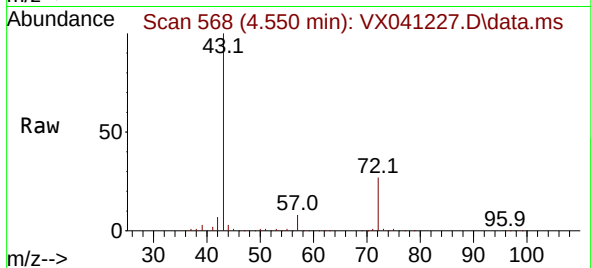
72 26.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#26

2,2-Dichloropropane

Concen: 61.392 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX041227.D

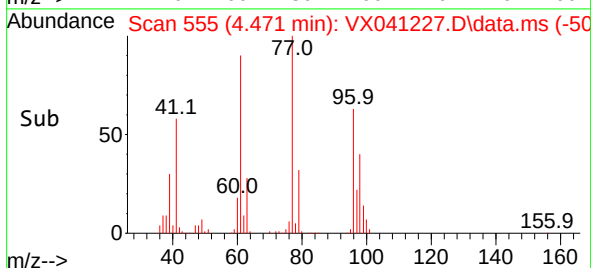
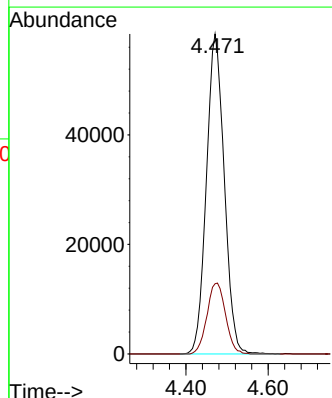
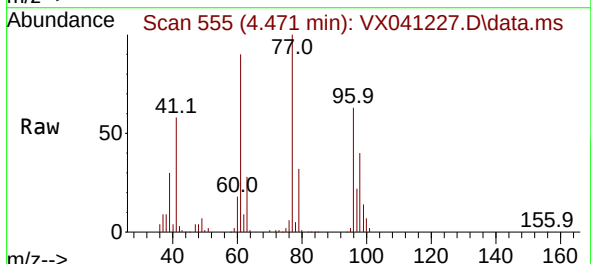
Acq: 24 Apr 2024 11:39

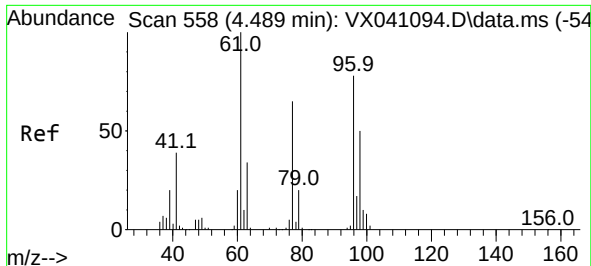
Tgt Ion: 77 Resp: 175973

Ion Ratio Lower Upper

77 100

97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 57.253 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 13546

Ion Ratio Lower Upper

96 100

61 136.4 0.0 312.2

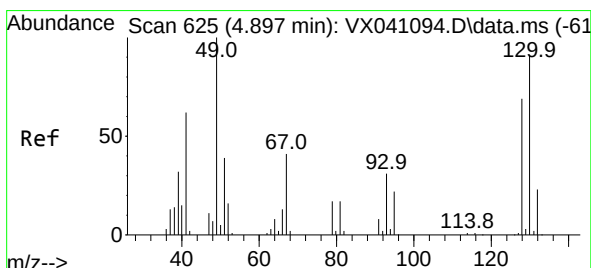
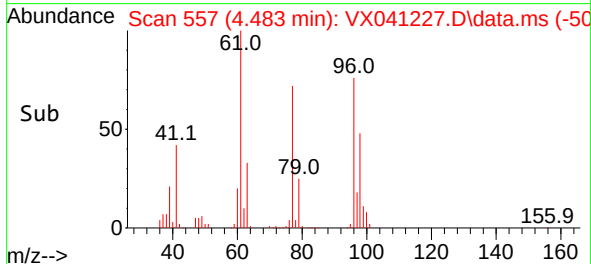
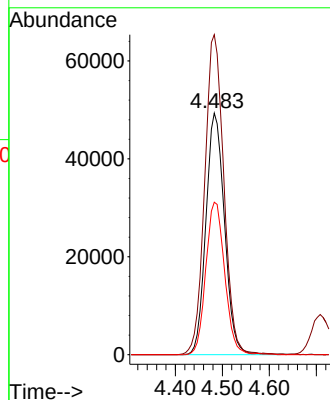
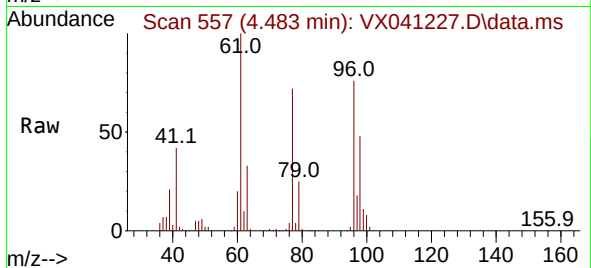
98 63.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#28

Bromochloromethane

Concen: 53.386 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

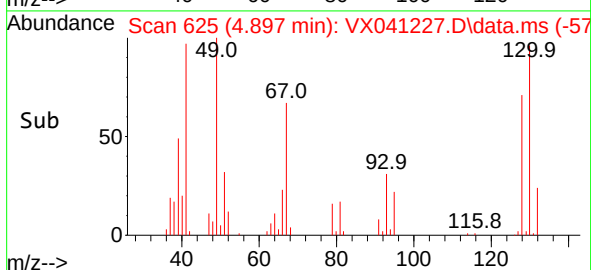
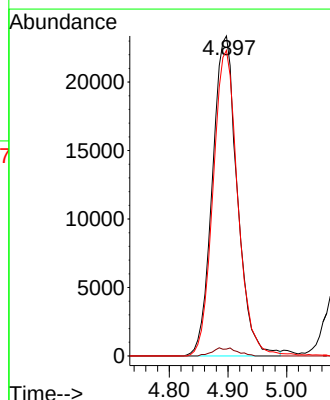
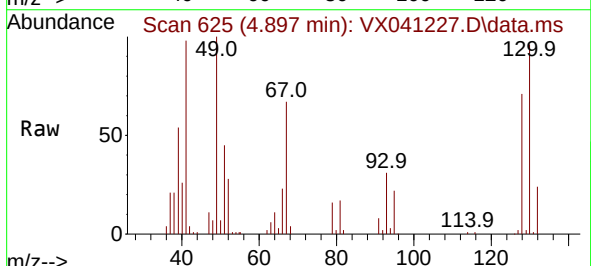
Tgt Ion: 49 Resp: 68710

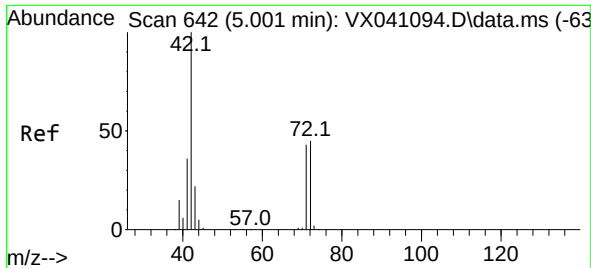
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

130 95.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 292.763 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.018 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 27974

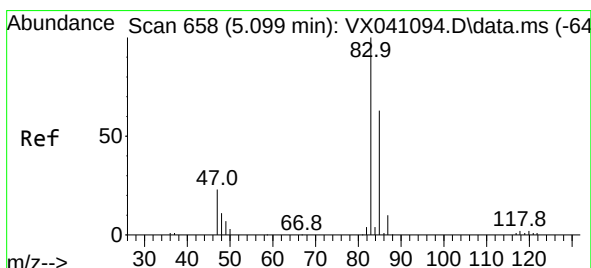
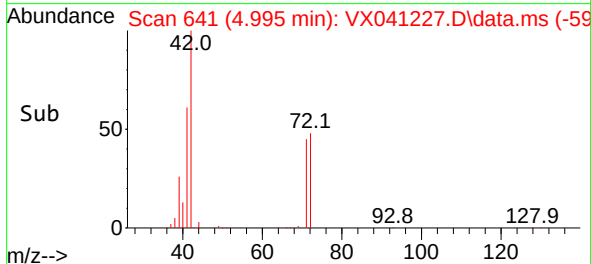
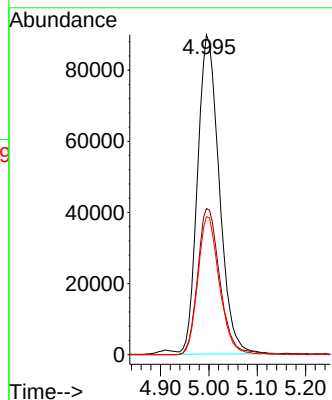
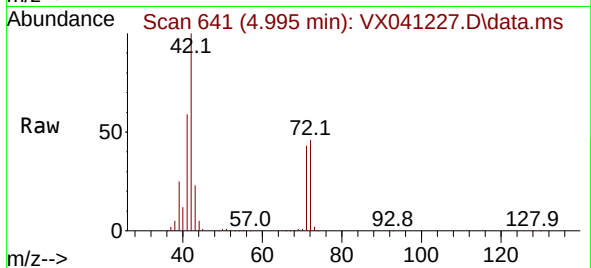
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.2	51.4
71	43.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#30

Chloroform

Concen: 58.251 ug/l

RT: 5.086 min Scan# 656

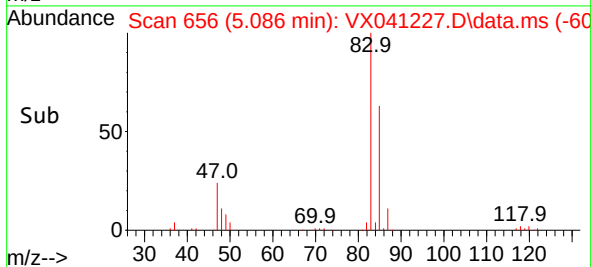
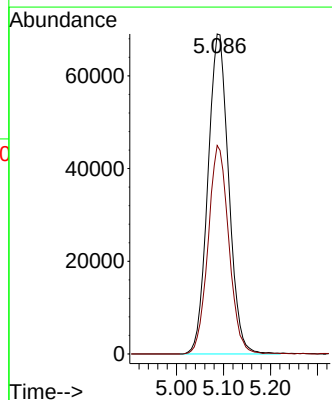
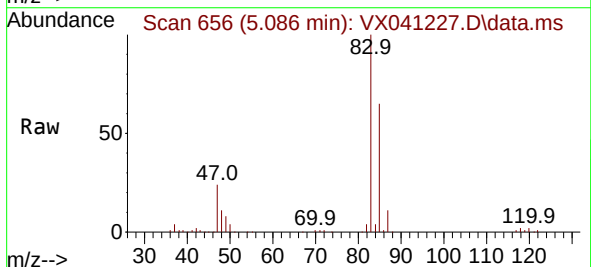
Delta R.T. -0.006 min

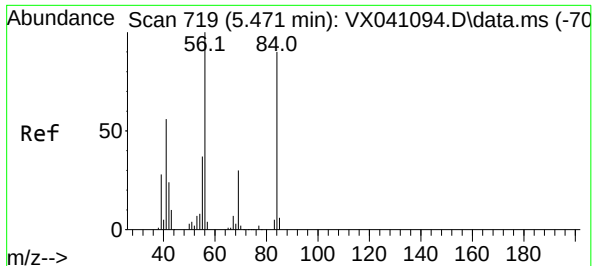
Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion: 83 Resp: 212048

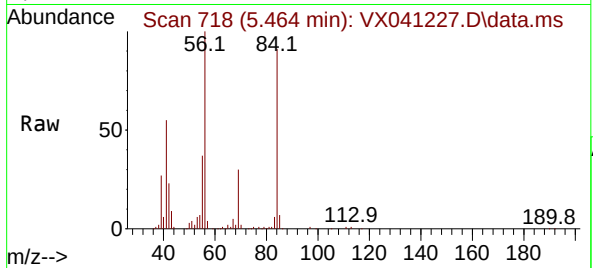
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 55.667 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

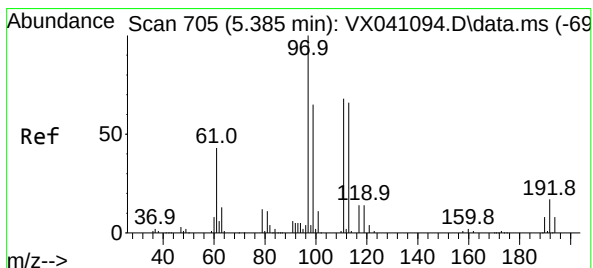
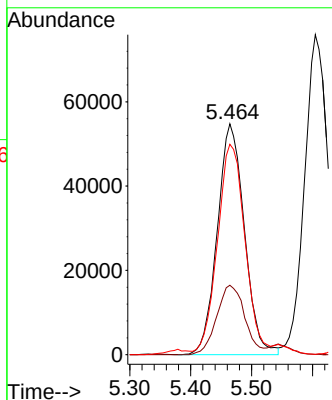
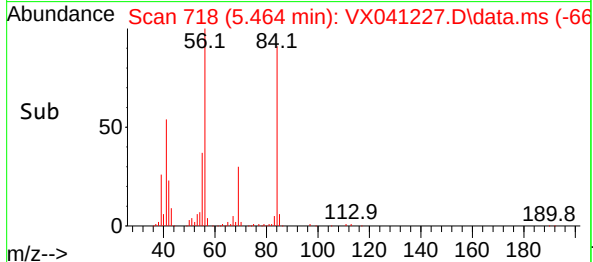
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16904
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 88.8 65.9 98.9

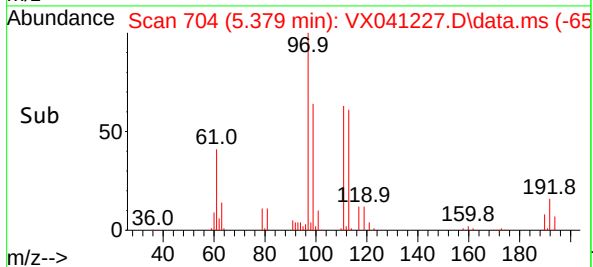
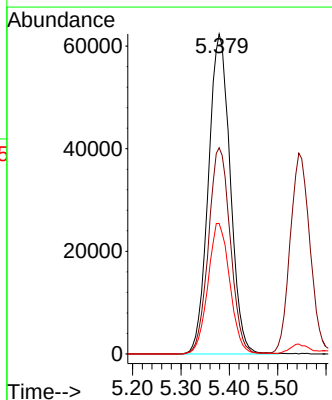
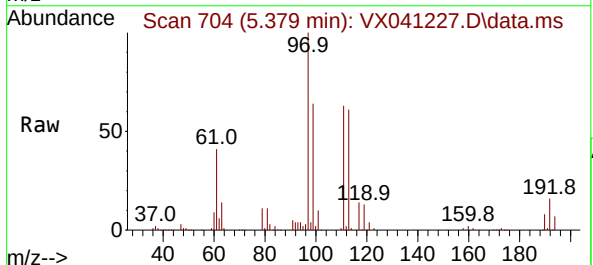
Manual Integrations
APPROVED

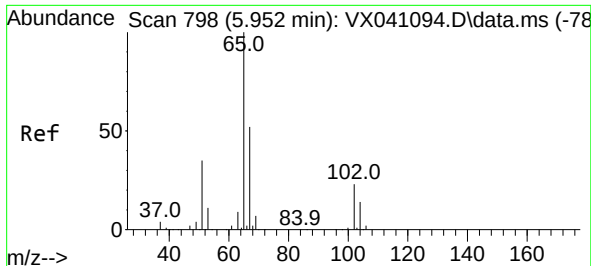
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#32
1,1,1-Trichloroethane
Concen: 59.739 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 97 Resp: 194946
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 41.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.714 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 112170

Ion Ratio Lower Upper

65 100

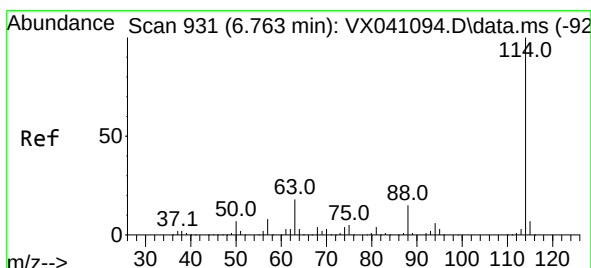
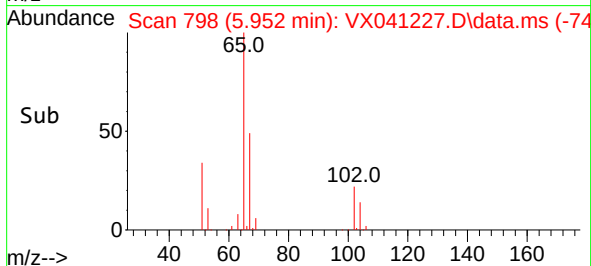
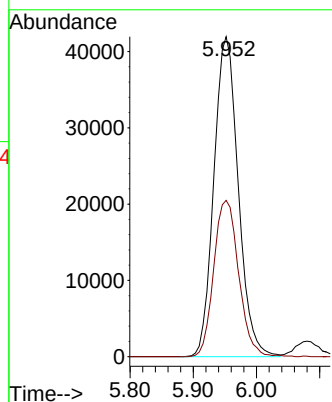
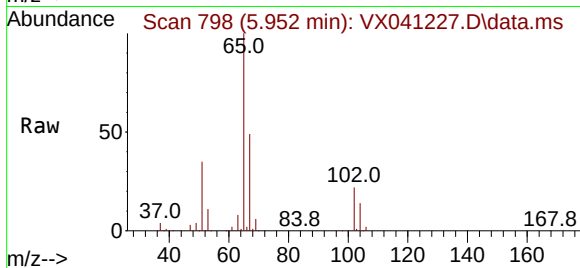
67 49.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

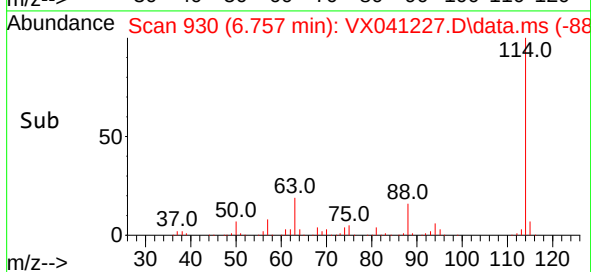
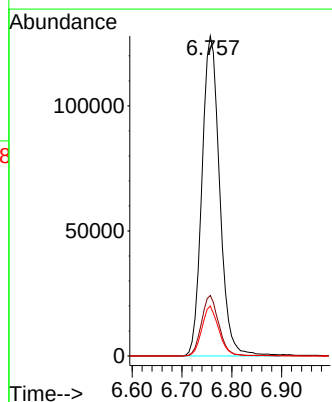
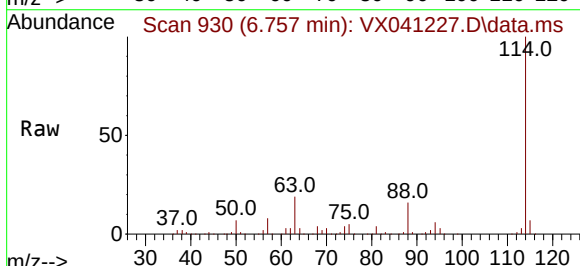
Tgt Ion:114 Resp: 316443

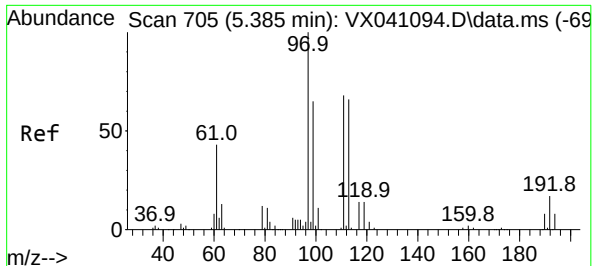
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 57.990 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 111629

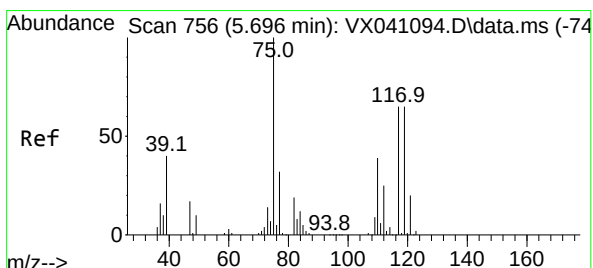
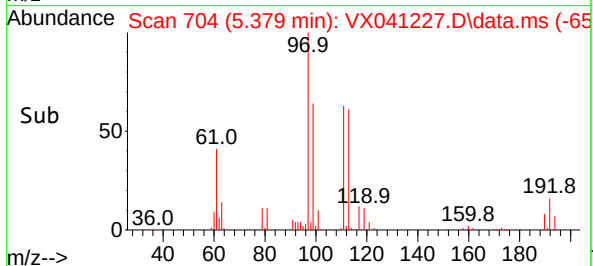
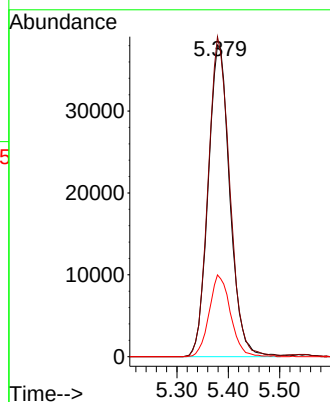
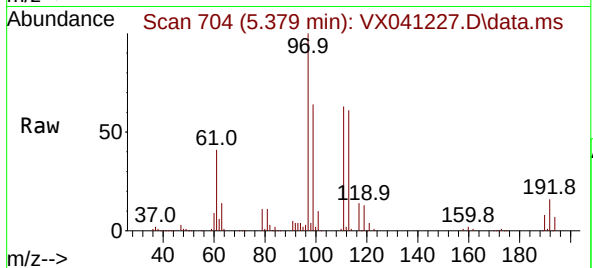
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	25.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#36

1,1-Dichloropropene

Concen: 58.730 ug/l

RT: 5.690 min Scan# 755

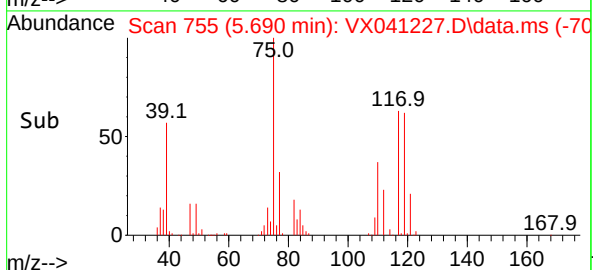
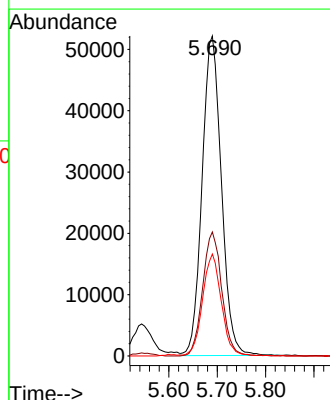
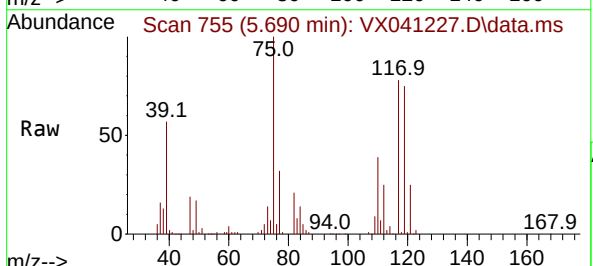
Delta R.T. -0.000 min

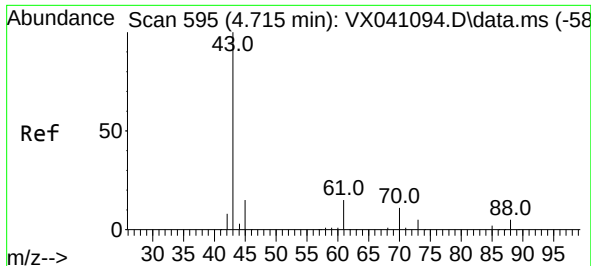
Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion: 75 Resp: 144646

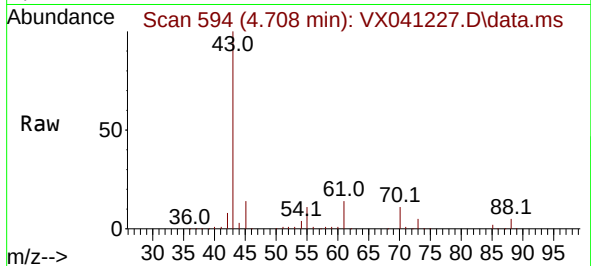
Ion	Ratio	Lower	Upper
75	100		
110	38.4	17.0	50.9
77	30.4	24.7	37.1





#37
Ethyl Acetate
Concen: 63.560 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

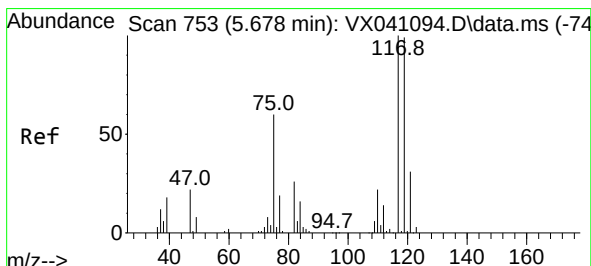
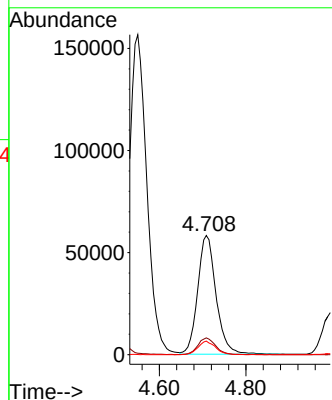
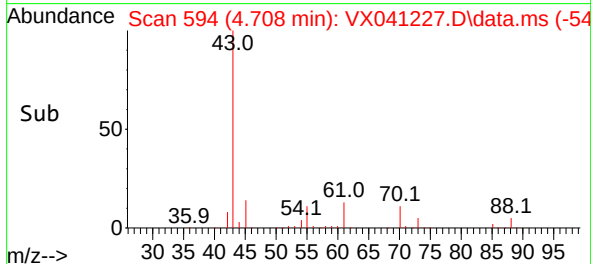
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 171750
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.8 8.3 12.5

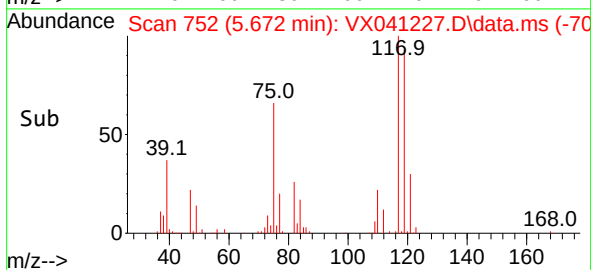
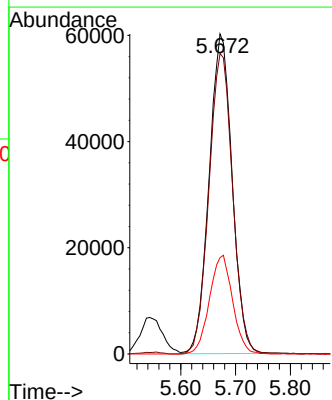
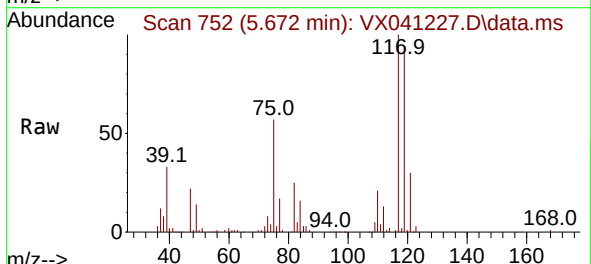
Manual Integrations
APPROVED

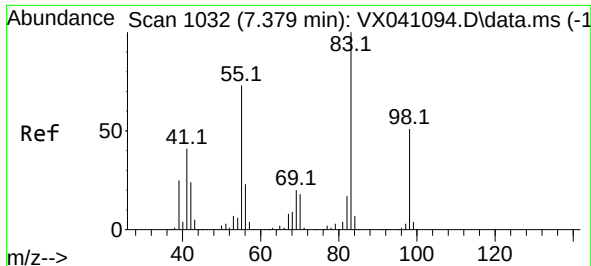
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#38
Carbon Tetrachloride
Concen: 63.746 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:117 Resp: 175359
Ion Ratio Lower Upper
117 100
119 94.1 78.2 117.2
121 30.2 24.4 36.6





#39

Methylcyclohexane

Concen: 58.693 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 191730

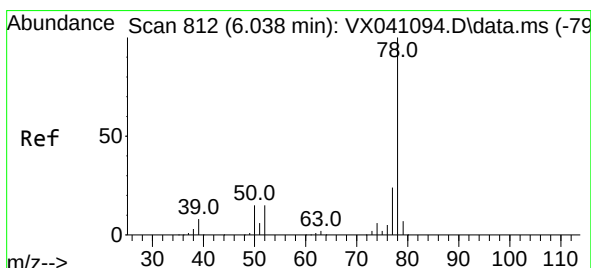
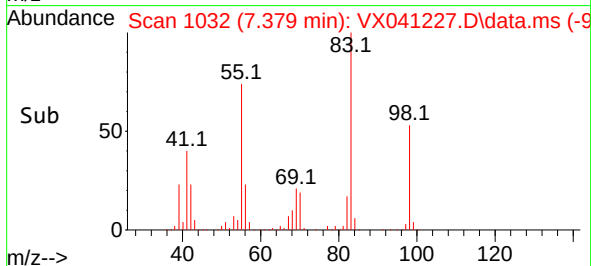
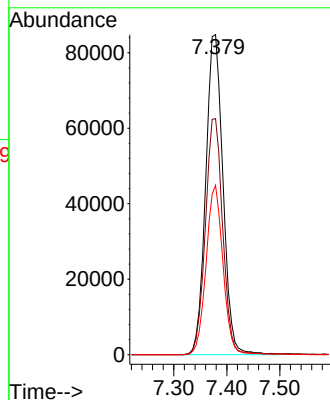
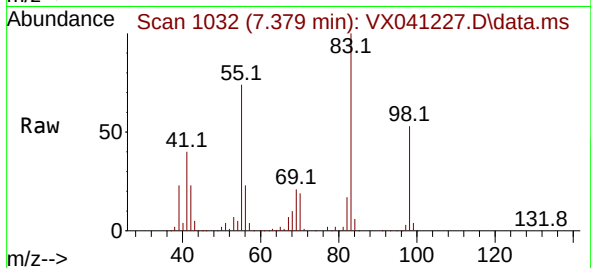
Ion	Ratio	Lower	Upper
83	100		
55	73.7	64.6	97.0
98	52.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#40

Benzene

Concen: 48.404 ug/l

RT: 6.037 min Scan# 812

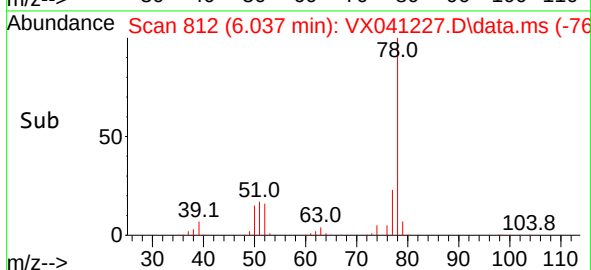
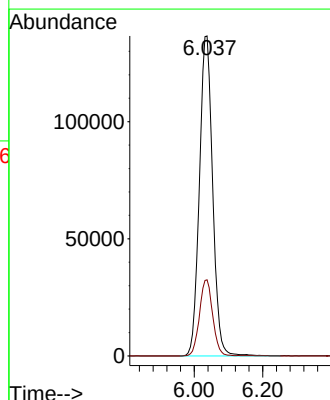
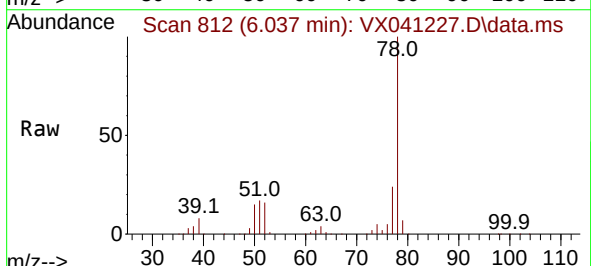
Delta R.T. 0.006 min

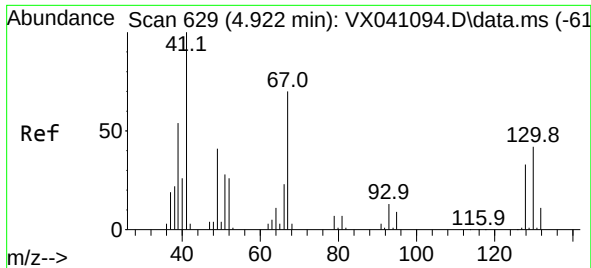
Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion: 78 Resp: 368179

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41
Methacrylonitrile
Concen: 66.663 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

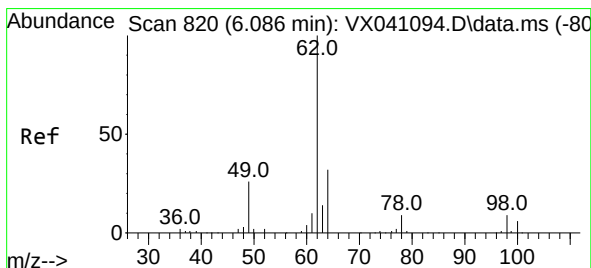
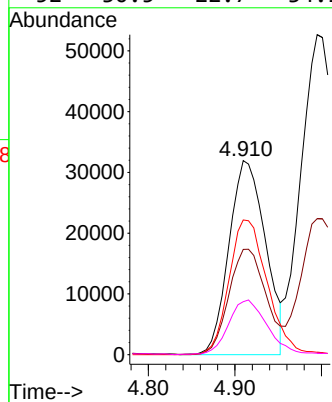
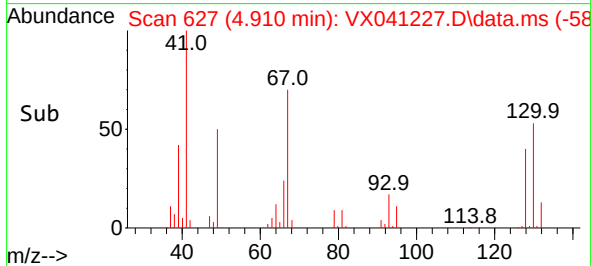
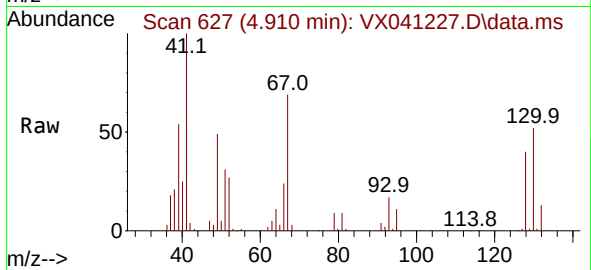
Tgt Ion: 41 Resp: 93779
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 73.3 52.6 78.8
52 30.5 22.7 34.1

Manual Integrations

APPROVED

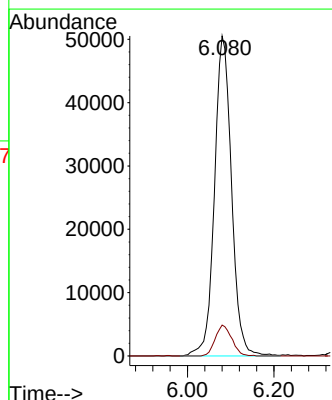
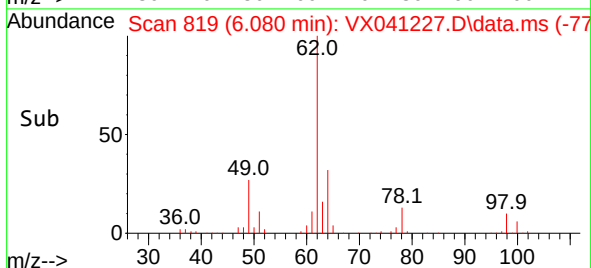
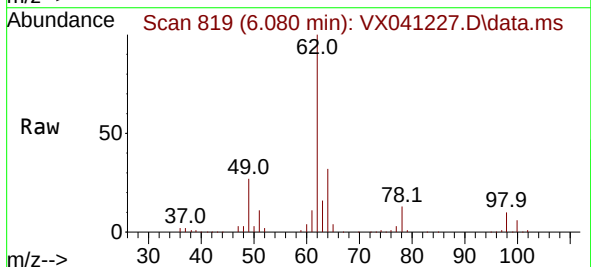
Reviewed By :John Carlone 04/25/2024

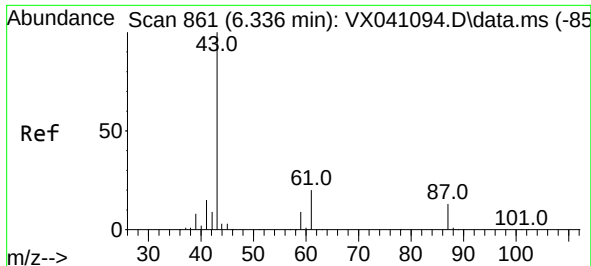
Supervised By :Mahesh Dadoda 04/25/2024



#42
1,2-Dichloroethane
Concen: 52.465 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 62 Resp: 138371
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.419 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.012 min

Lab File: VX041227.D

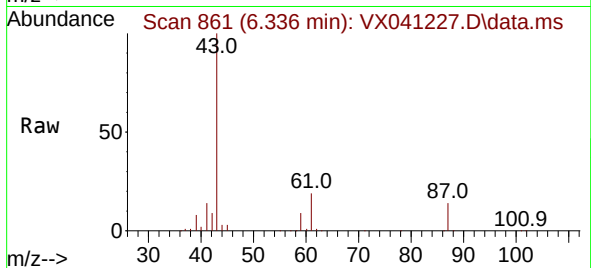
Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



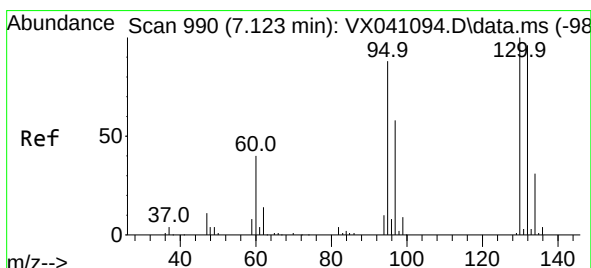
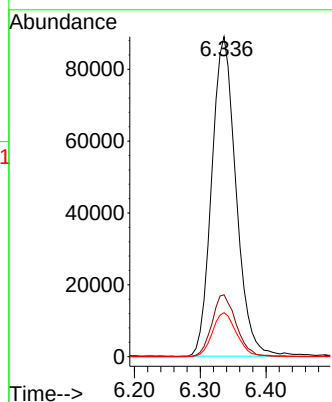
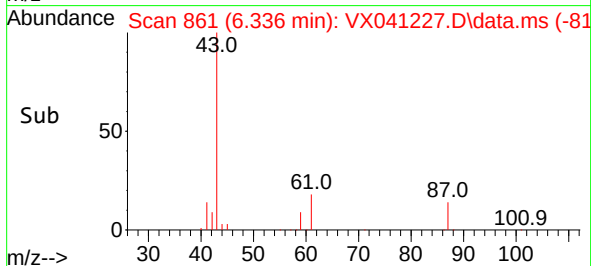
Tgt Ion:	43	Resp:	228174
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	13.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#44

Trichloroethene

Concen: 58.089 ug/l

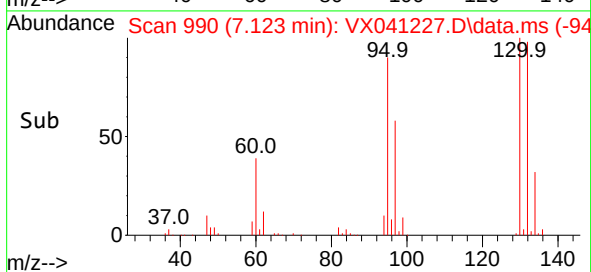
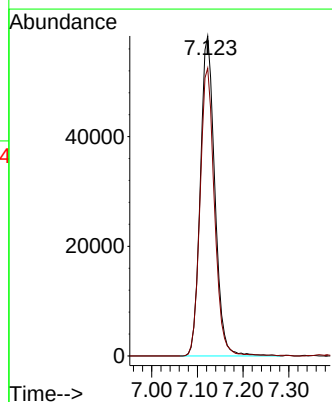
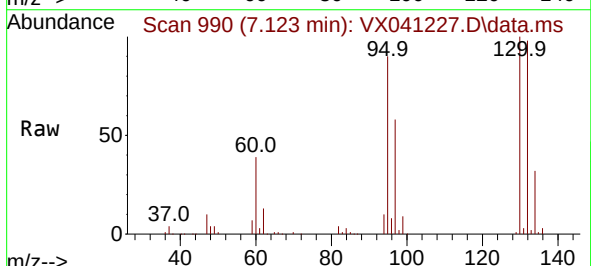
RT: 7.123 min Scan# 990

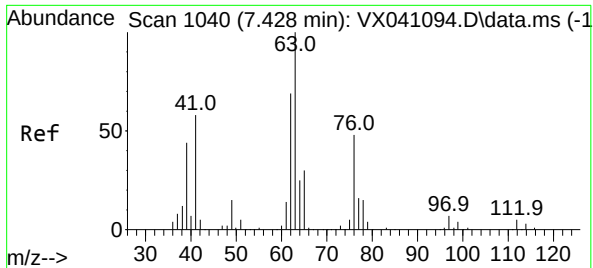
Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

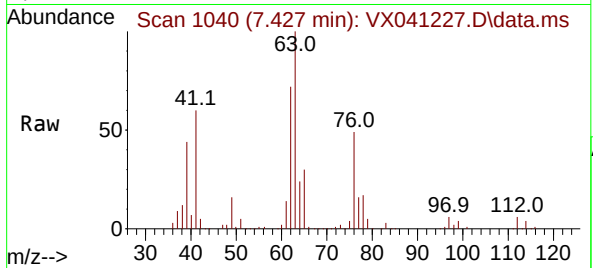
Tgt Ion:	130	Resp:	128462
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	204.4





#45
1,2-Dichloropropane
Concen: 58.295 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

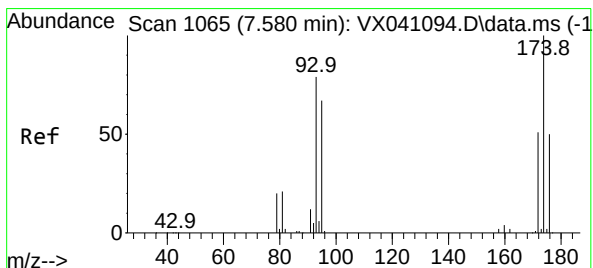
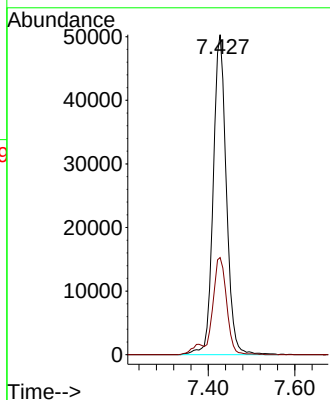
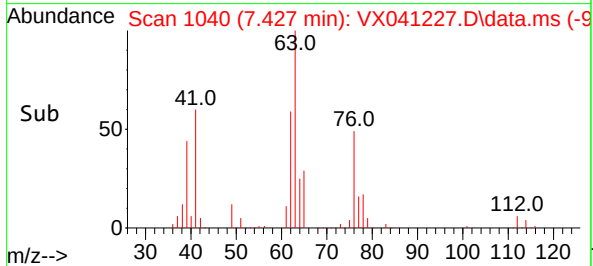
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 106318
Ion Ratio Lower Upper
63 100
65 30.3 24.3 36.5

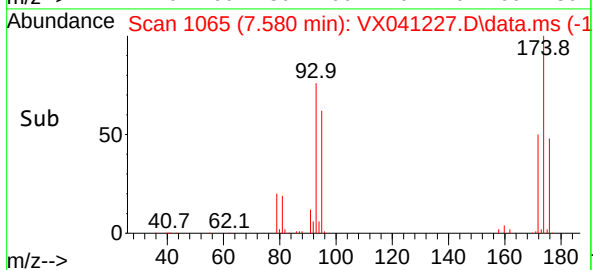
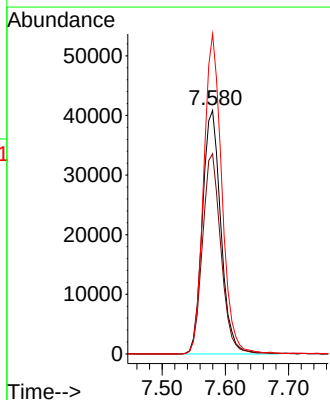
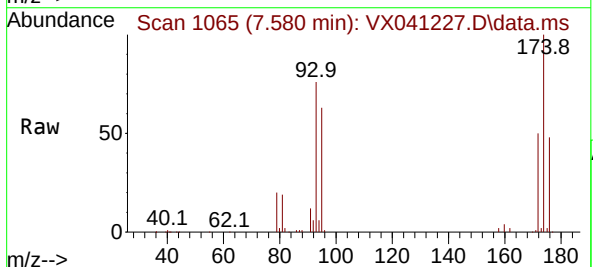
Manual Integrations
APPROVED

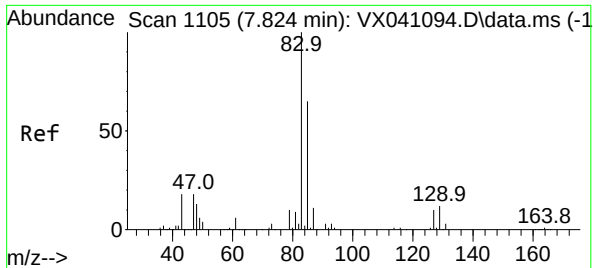
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#46
Dibromomethane
Concen: 61.153 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

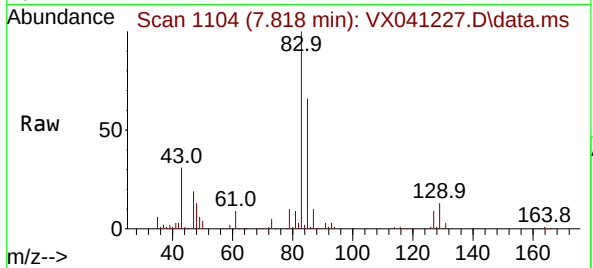
Tgt Ion: 93 Resp: 83164
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 128.4 69.4 104.0#





#47
Bromodichloromethane
Concen: 65.837 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

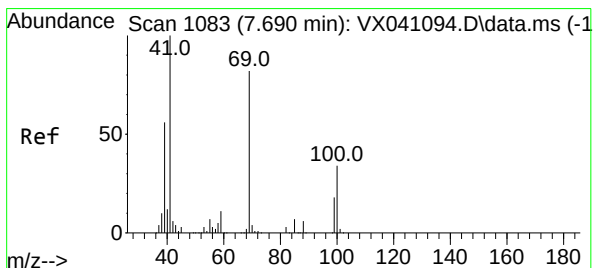
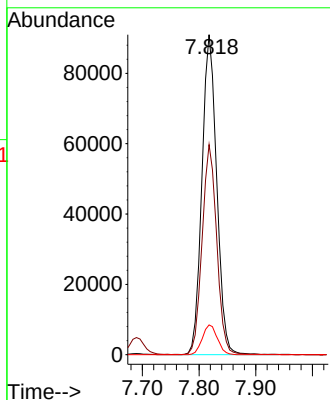
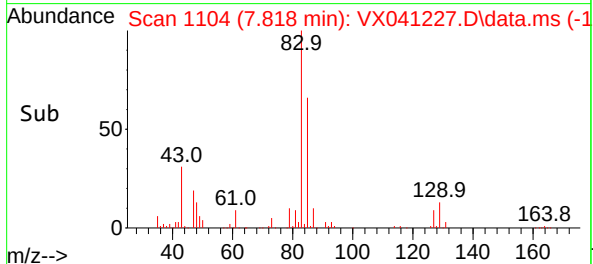
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16503
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 9.3 7.1 10.7

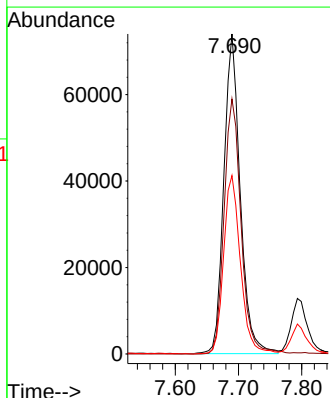
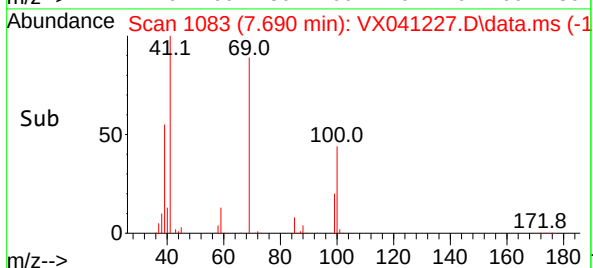
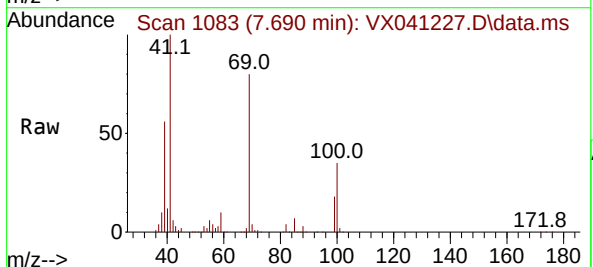
Manual Integrations
APPROVED

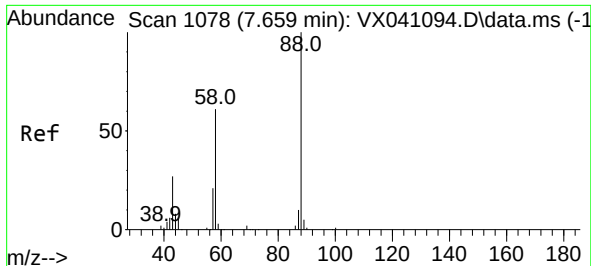
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#48
Methyl methacrylate
Concen: 64.391 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 41 Resp: 132574
Ion Ratio Lower Upper
41 100
69 82.9 59.2 88.8
39 57.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1162.909 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.018 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

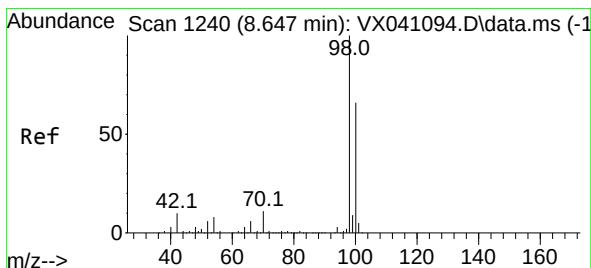
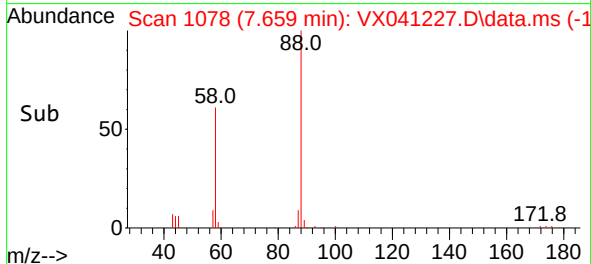
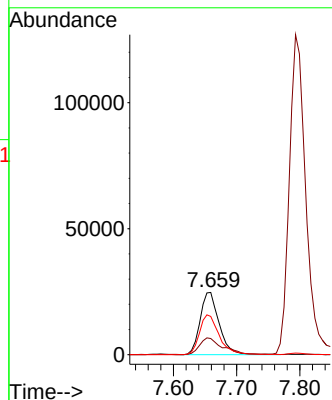
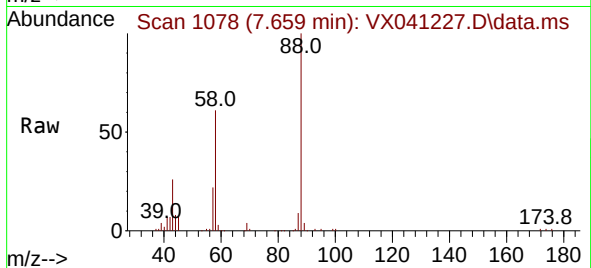
Tgt Ion: 88 Resp: 51534
 Ion Ratio Lower Upper
 88 100
 43 32.1 0.0 0.0
 58 66.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#50

Toluene-d8

Concen: 57.192 ug/l

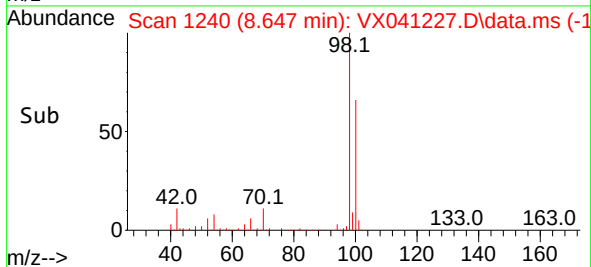
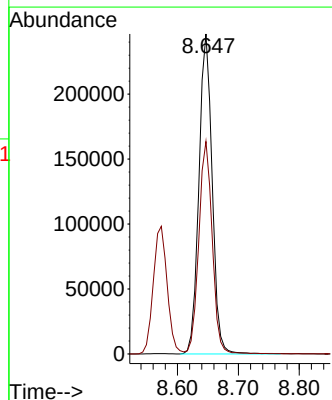
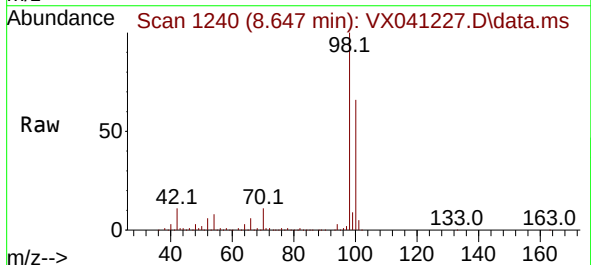
RT: 8.647 min Scan# 1240

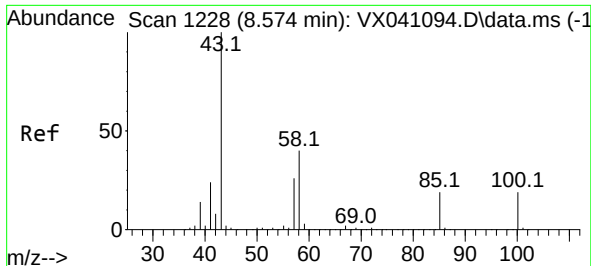
Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion: 98 Resp: 371426
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7





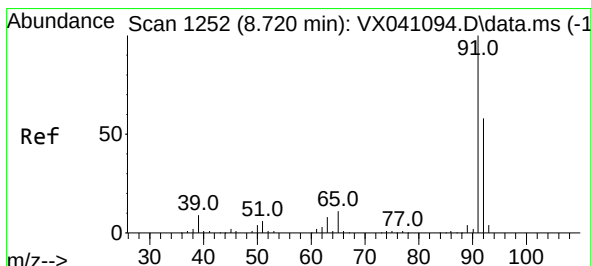
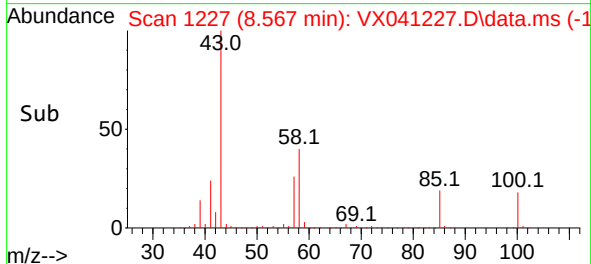
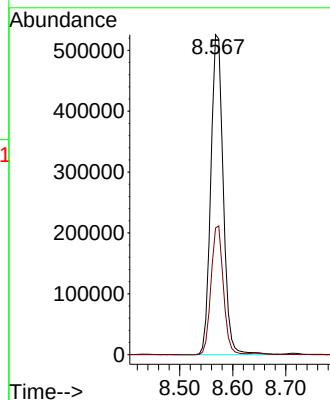
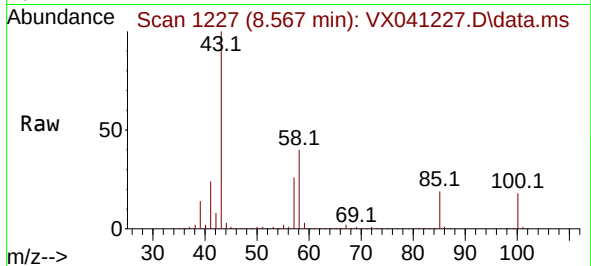
#51
4-Methyl-2-Pentanone
Concen: 314.701 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 85744
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

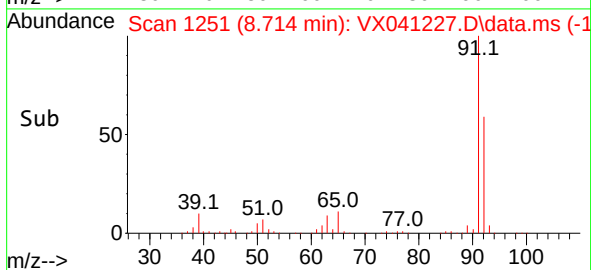
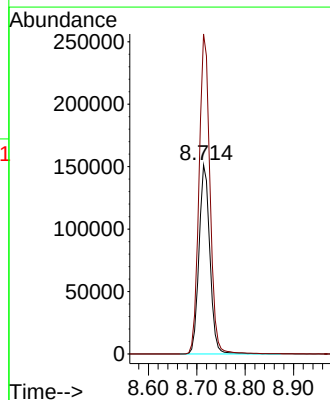
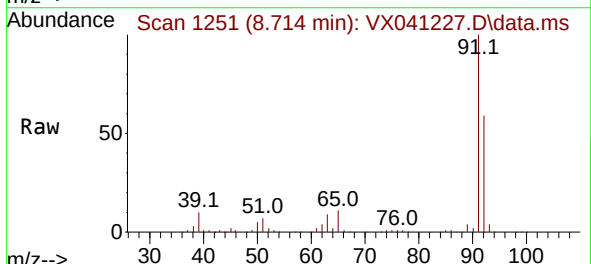
Manual Integrations
APPROVED

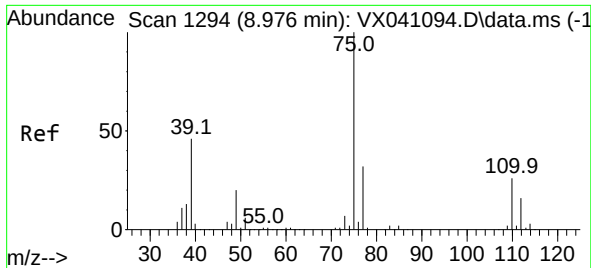
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#52
Toluene
Concen: 49.134 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 92 Resp: 235494
Ion Ratio Lower Upper
92 100
91 170.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 58.614 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

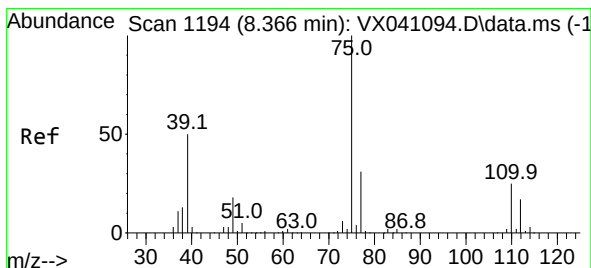
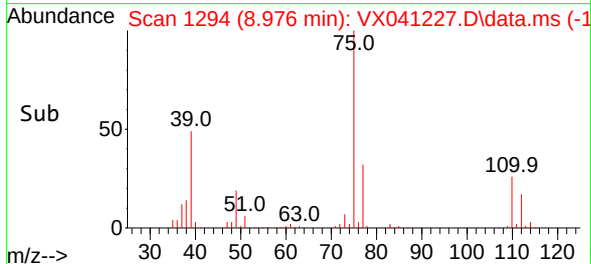
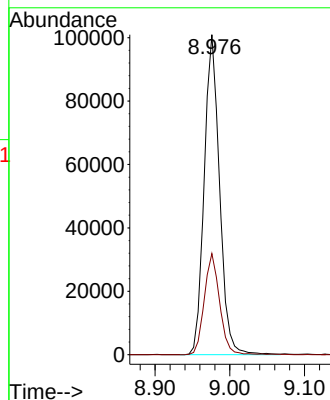
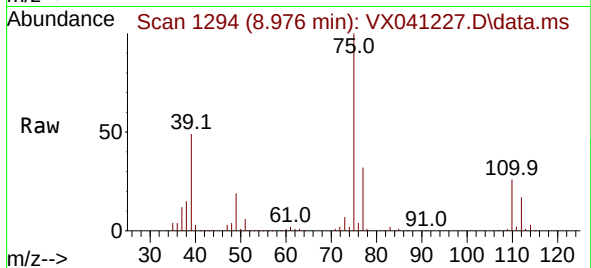
VSTDCCC050

Tgt Ion: 75 Resp: 14412
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations

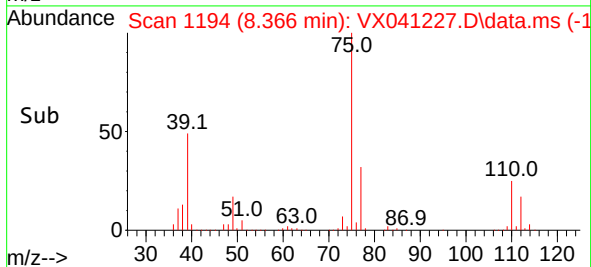
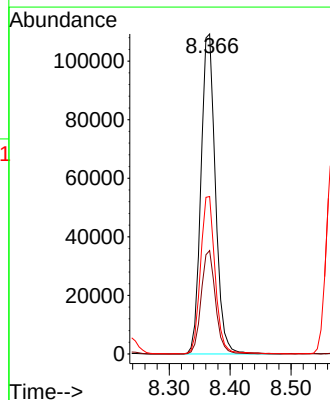
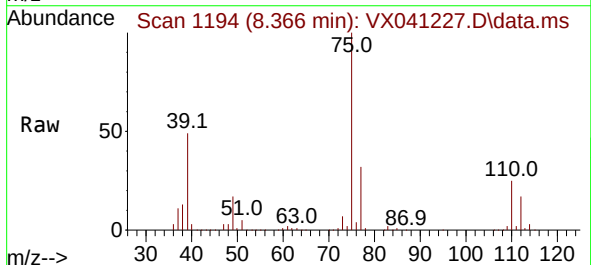
APPROVED

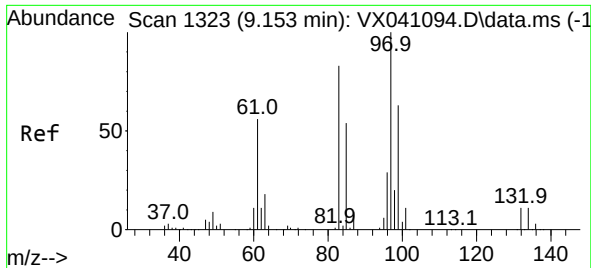
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#54
cis-1,3-Dichloropropene
Concen: 64.461 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

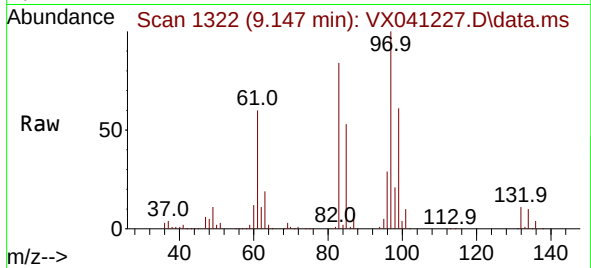
Tgt Ion: 75 Resp: 180182
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 49.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.985 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

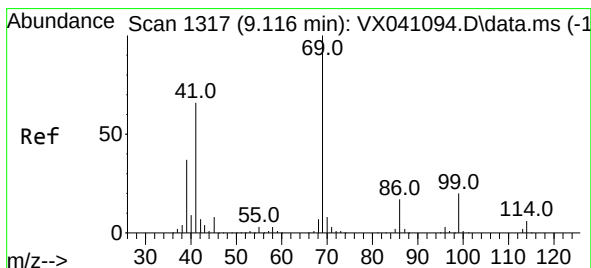
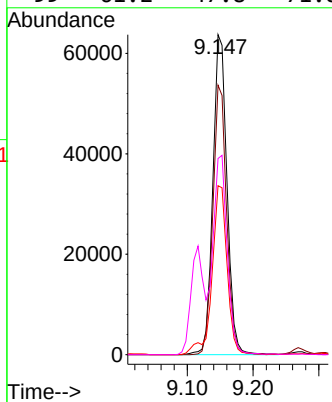
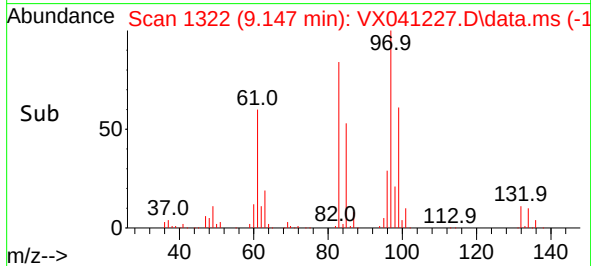
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.8	98.8
85	52.8	41.6	62.4
99	61.2	47.8	71.8

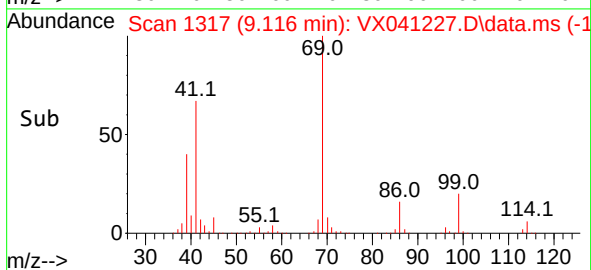
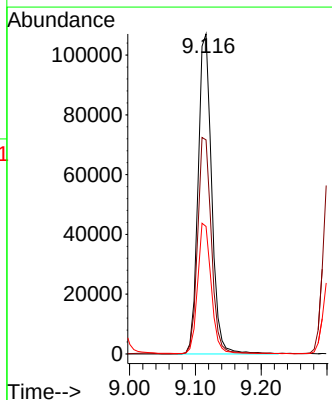
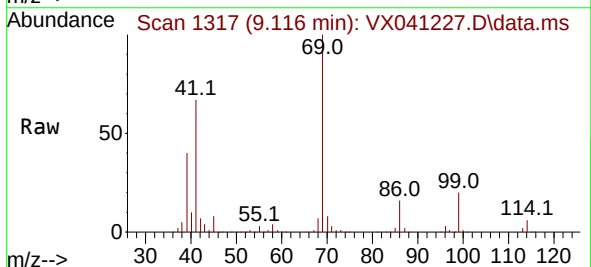
Manual Integrations
APPROVED

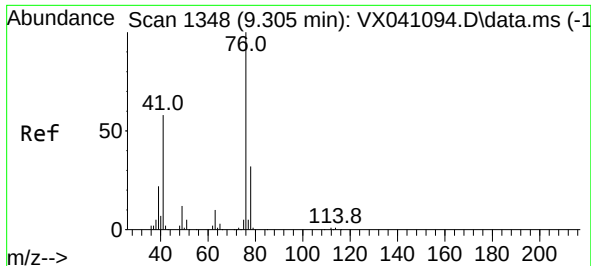
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#56
Ethyl methacrylate
Concen: 53.748 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.8	85.2
39	41.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.633 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 159850

Ion Ratio Lower Upper

76 100

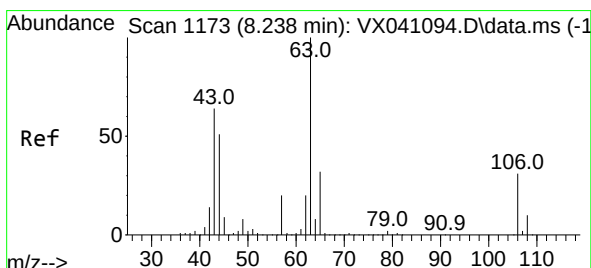
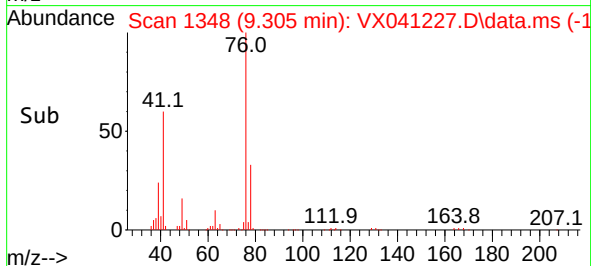
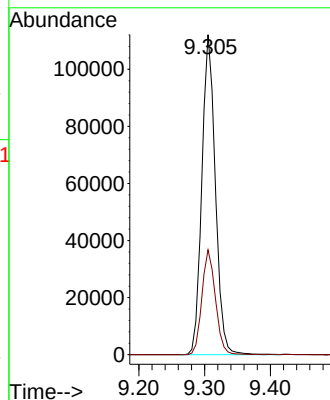
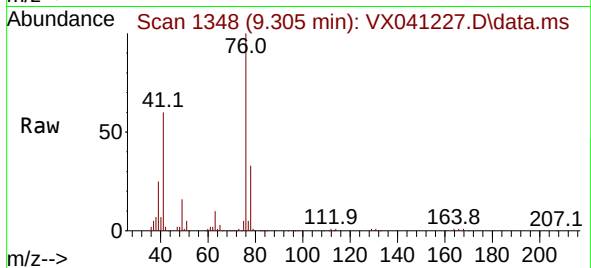
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 276.289 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX041227.D

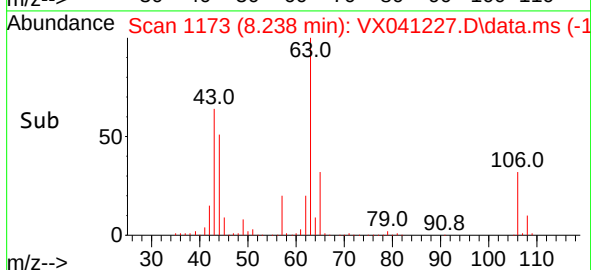
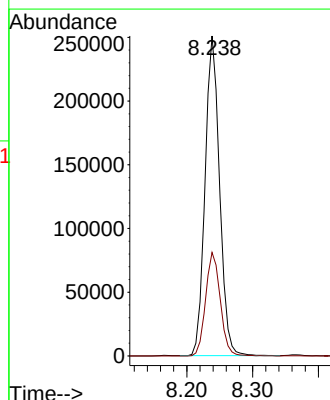
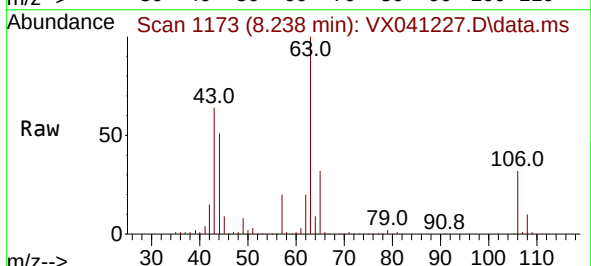
Acq: 24 Apr 2024 11:39

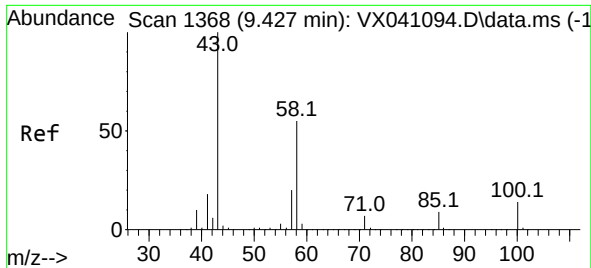
Tgt Ion: 63 Resp: 384464

Ion Ratio Lower Upper

63 100

106 32.8 22.5 33.7





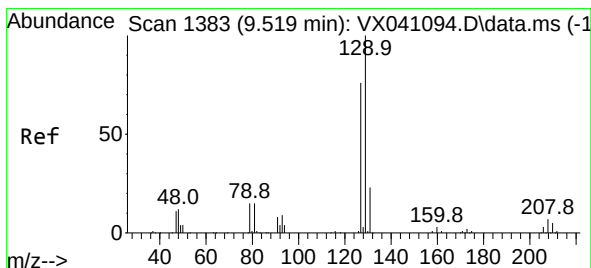
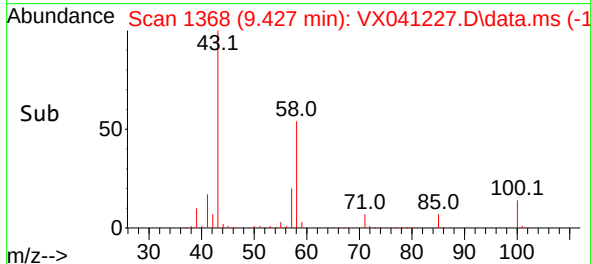
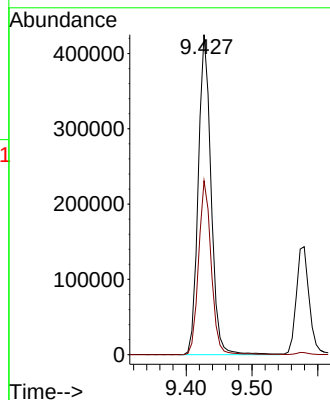
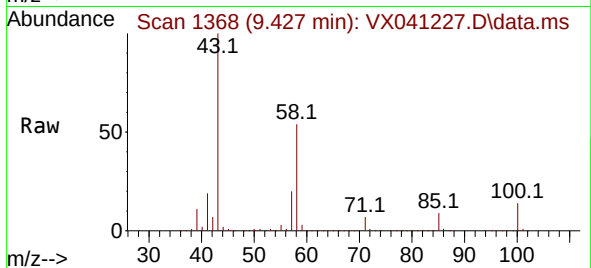
#59
2-Hexanone
Concen: 274.163 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57282
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5

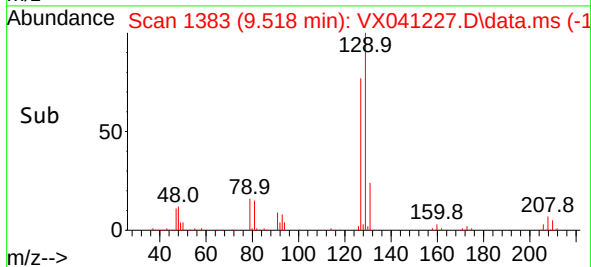
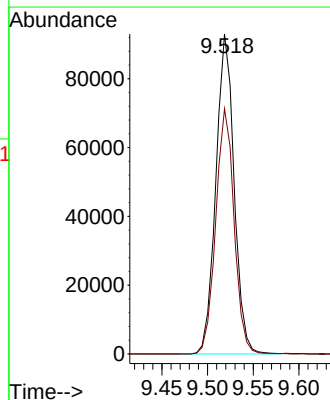
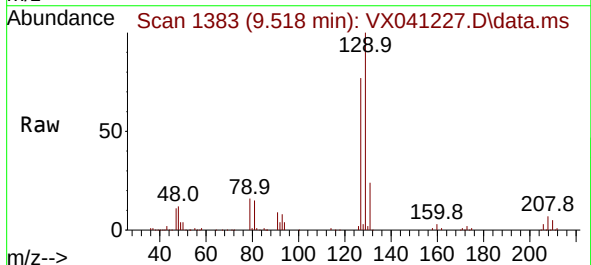
Manual Integrations
APPROVED

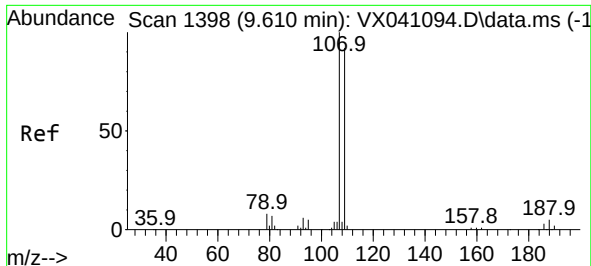
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#60
Dibromochloromethane
Concen: 59.795 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

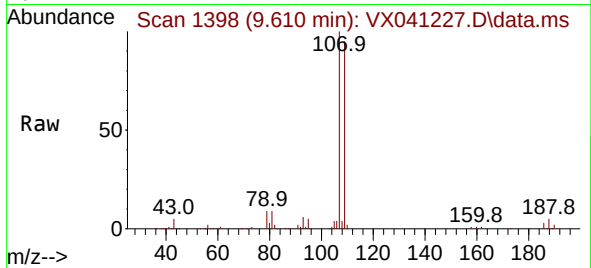
Tgt Ion:129 Resp: 129093
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.679 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

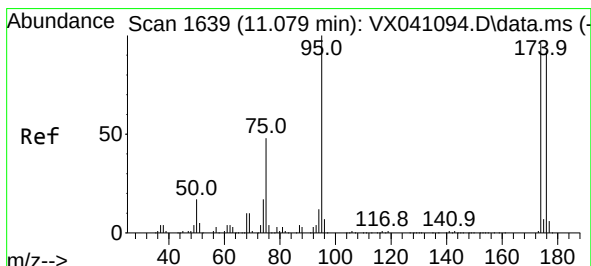
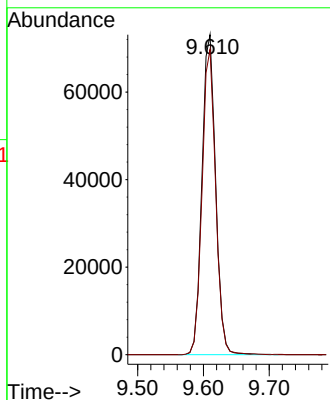
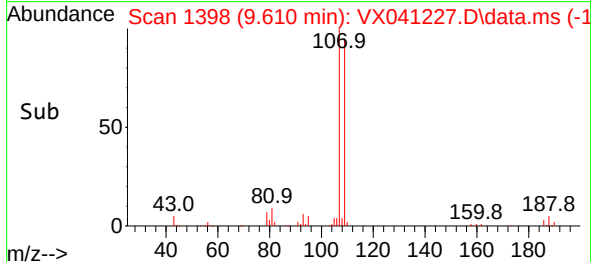
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



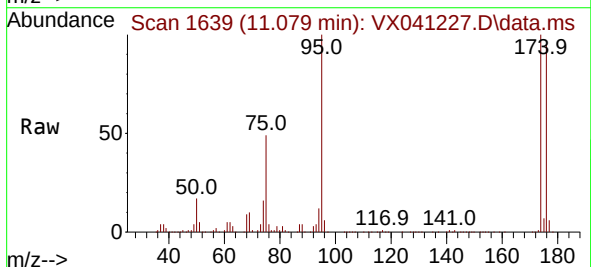
Tgt Ion:107 Resp: 10570
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

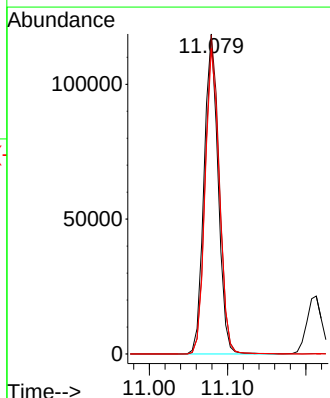
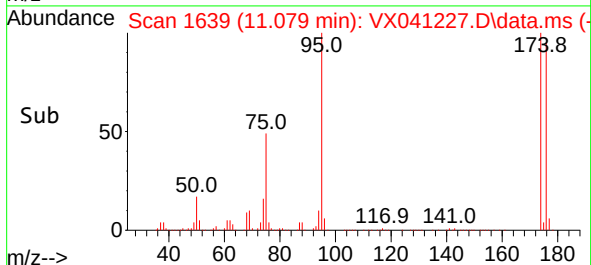
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

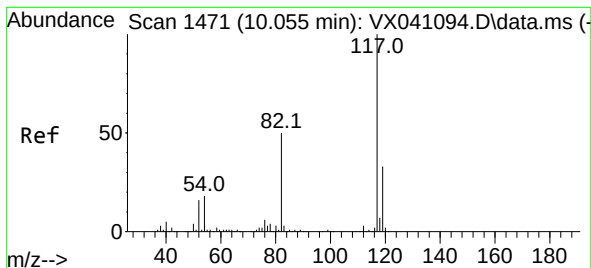


#62
4-Bromofluorobenzene
Concen: 61.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39



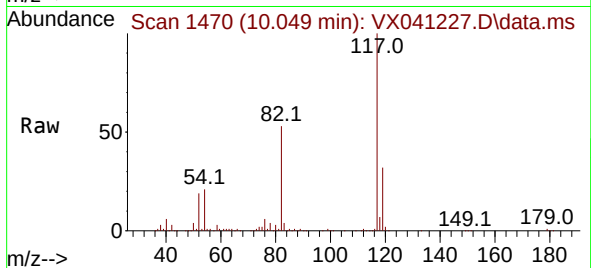
Tgt Ion: 95 Resp: 147280
Ion Ratio Lower Upper
95 100
174 100.3 0.0 135.6
176 96.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

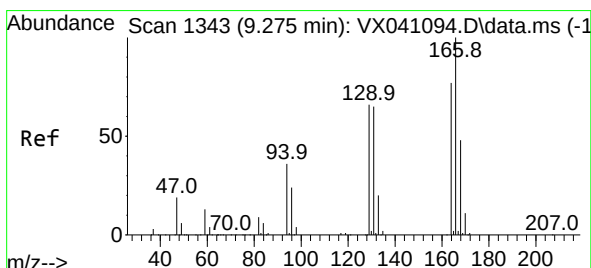
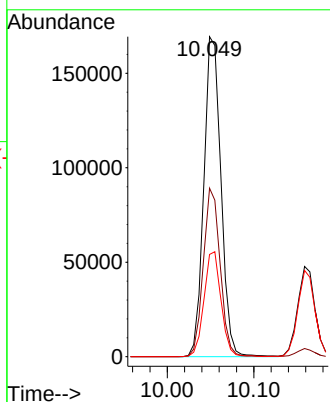
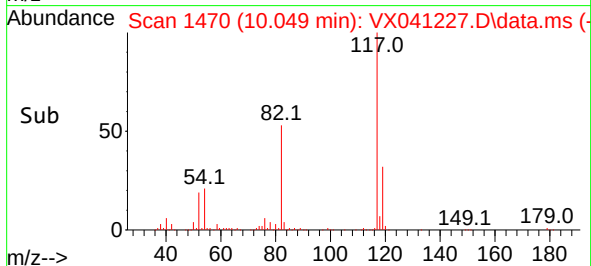
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 233059
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.9 25.5 38.3

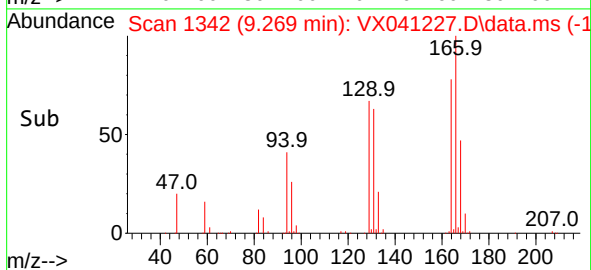
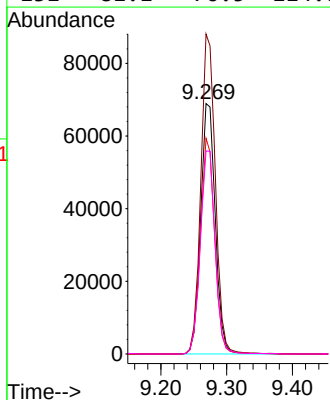
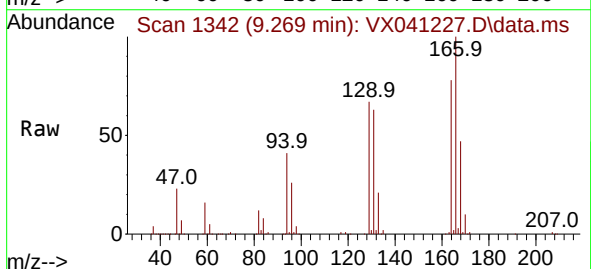
Manual Integrations
APPROVED

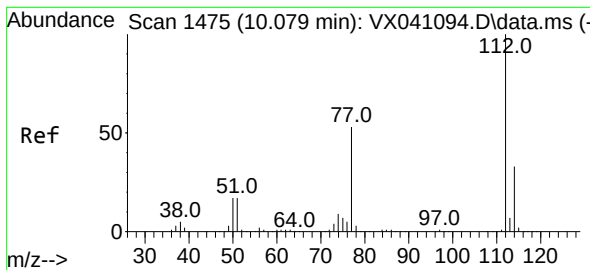
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#64
Tetrachloroethene
Concen: 59.635 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:164 Resp: 106592
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 86.1 80.4 120.6
131 81.1 76.5 114.7





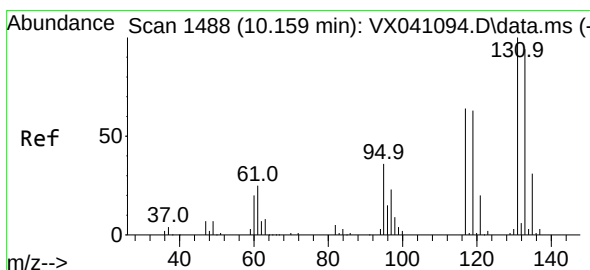
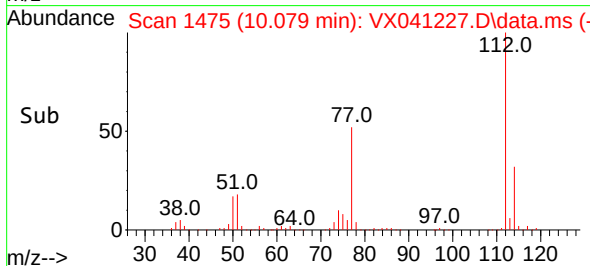
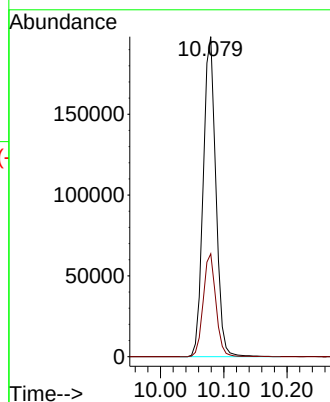
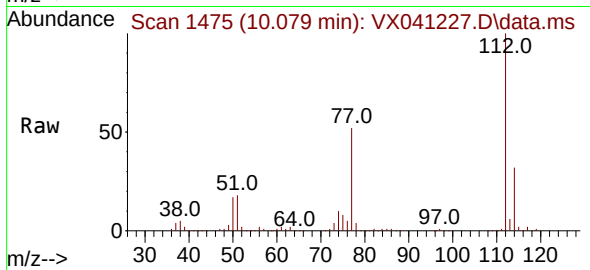
#65
Chlorobenzene
Concen: 57.516 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 27587
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

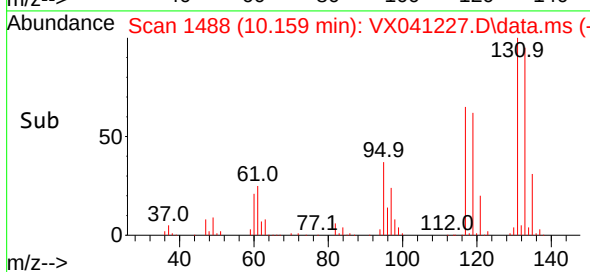
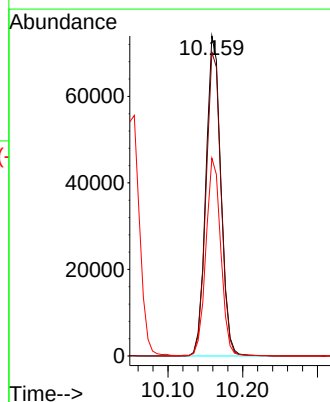
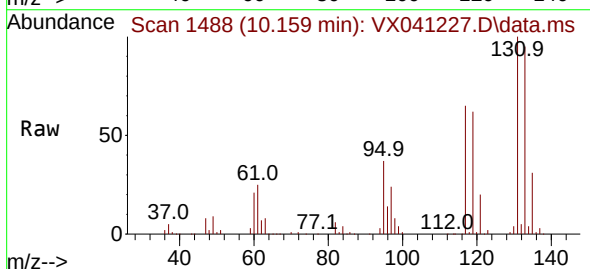
Manual Integrations
APPROVED

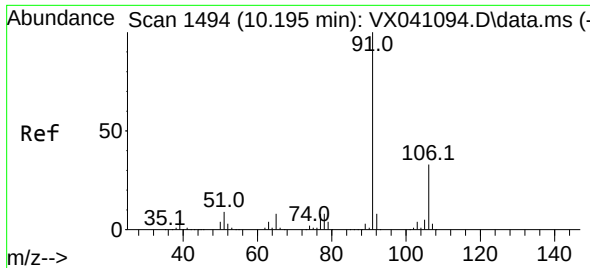
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 62.448 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

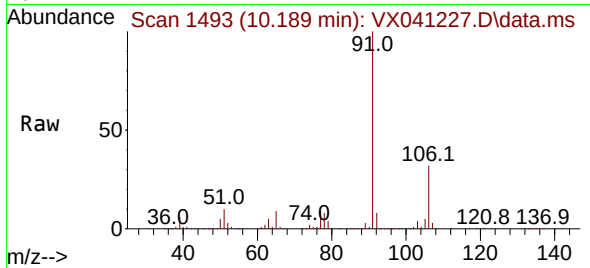
Tgt Ion:131 Resp: 102596
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 61.3 32.2 96.6





#67
Ethyl Benzene
Concen: 60.170 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

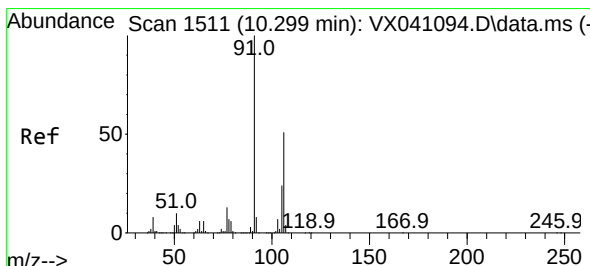
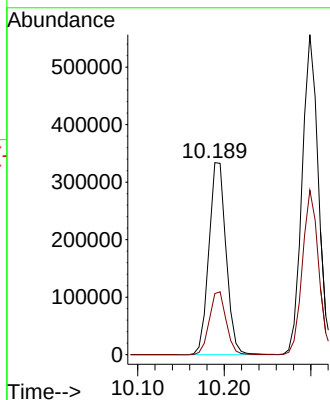
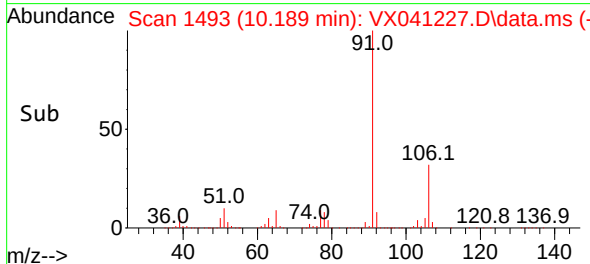
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 460568
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

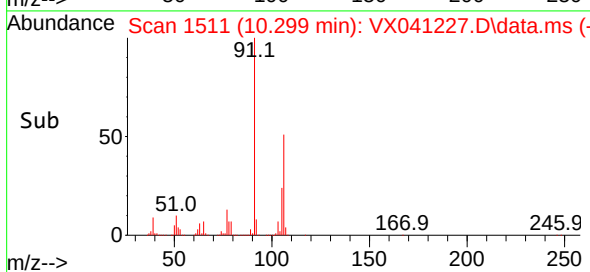
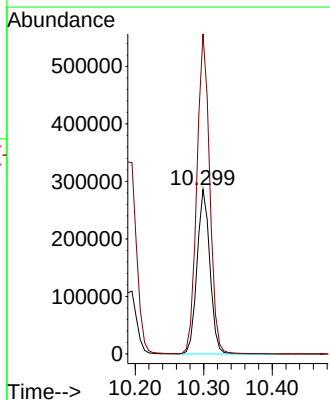
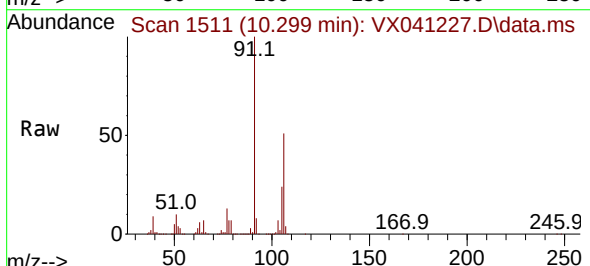
Manual Integrations
APPROVED

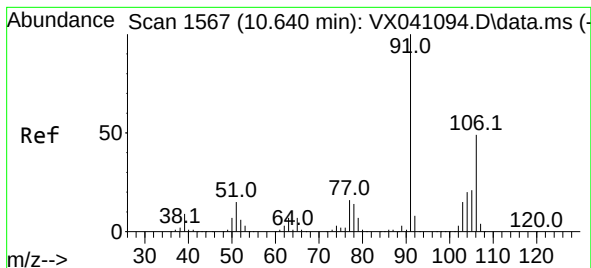
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#68
m/p-Xylenes
Concen: 120.593 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:106 Resp: 372630
Ion Ratio Lower Upper
106 100
91 195.1 165.5 248.3





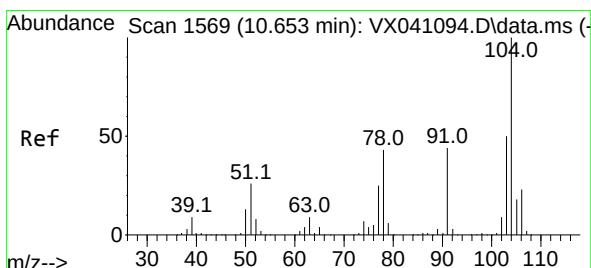
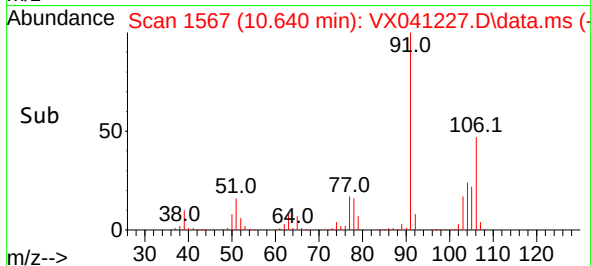
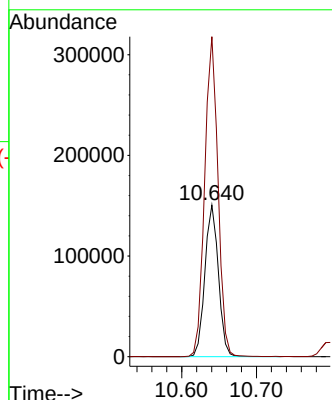
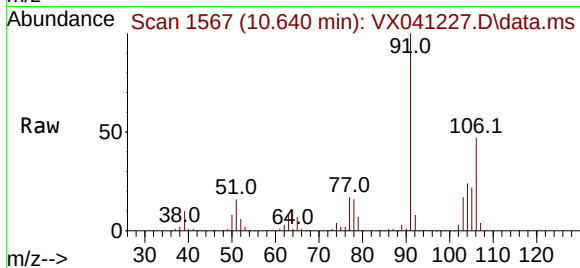
#69
o-Xylene
Concen: 62.862 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 188918
Ion Ratio Lower Upper
106 100
91 208.0 108.9 326.8

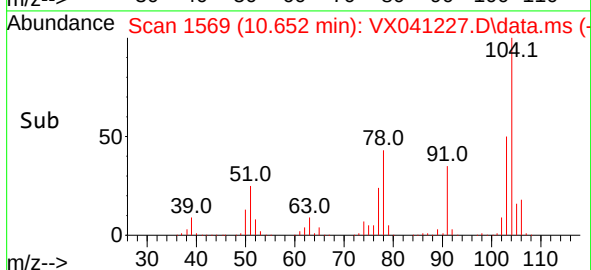
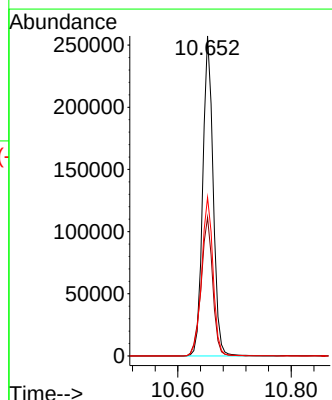
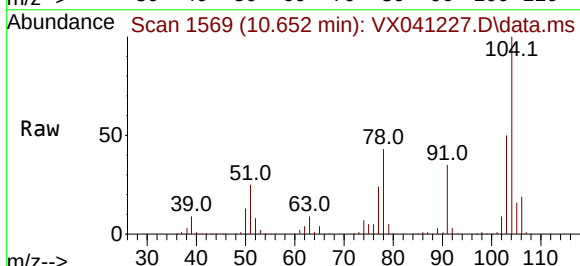
Manual Integrations
APPROVED

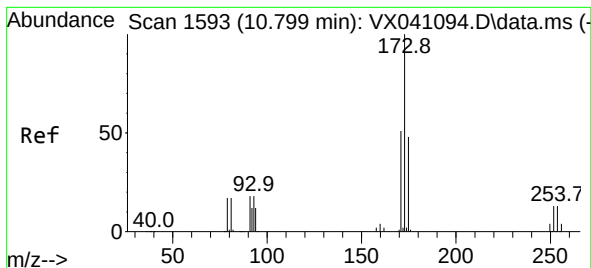
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#70
Styrene
Concen: 67.166 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:104 Resp: 328392
Ion Ratio Lower Upper
104 100
78 48.0 43.6 65.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 76.803 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 107878

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

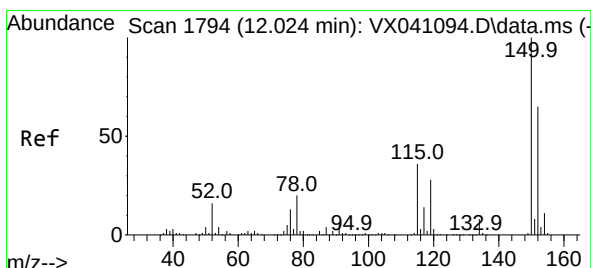
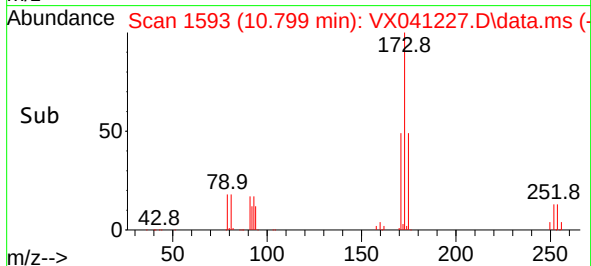
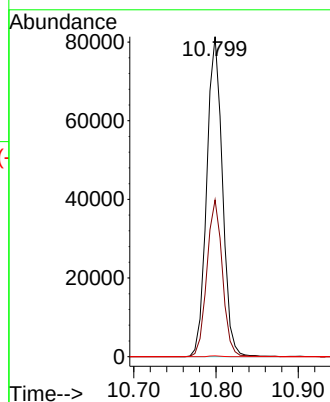
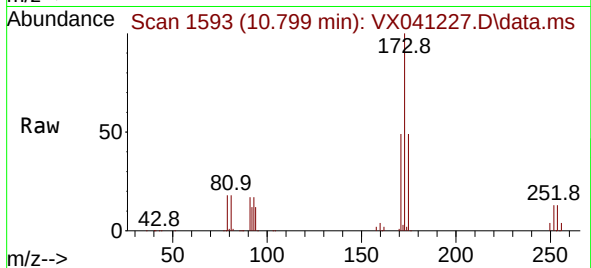
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

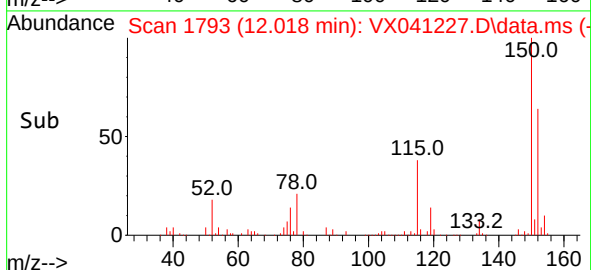
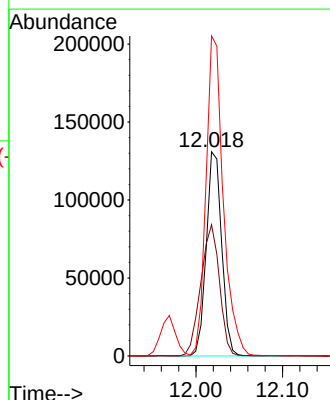
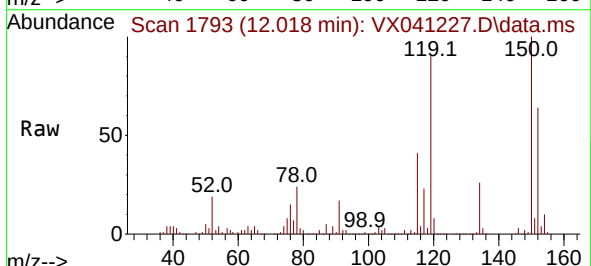
Tgt Ion:152 Resp: 161848

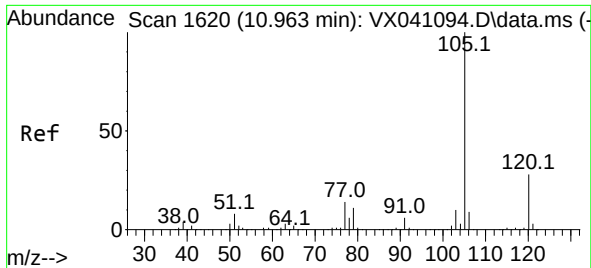
Ion Ratio Lower Upper

152 100

115 77.9 43.3 129.9

150 175.0 0.0 345.0





#73
Isopropylbenzene
Concen: 50.659 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

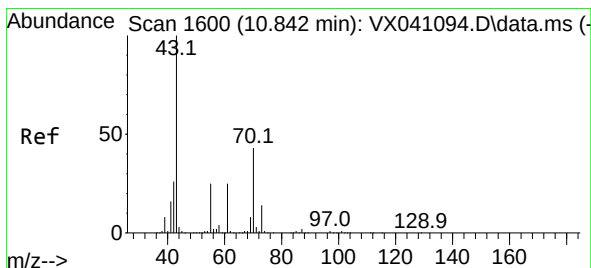
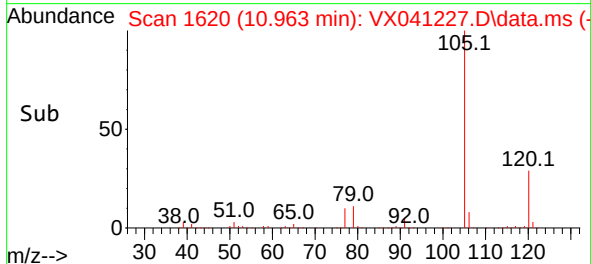
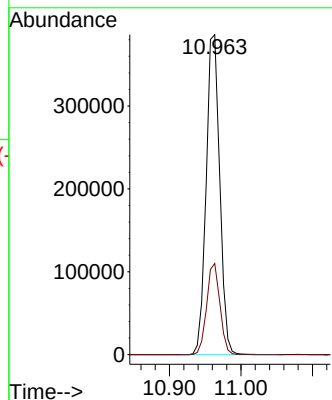
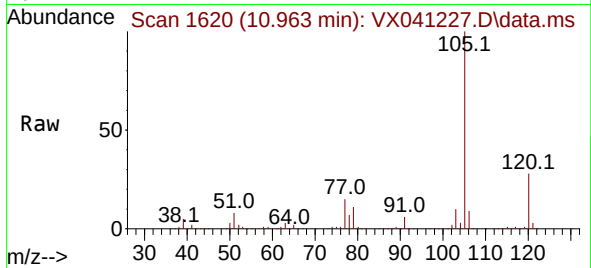
Tgt Ion:105 Resp: 510140
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6

Manual Integrations

APPROVED

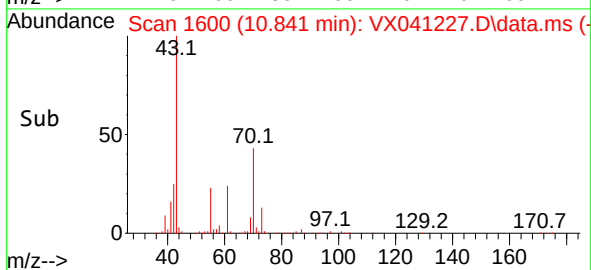
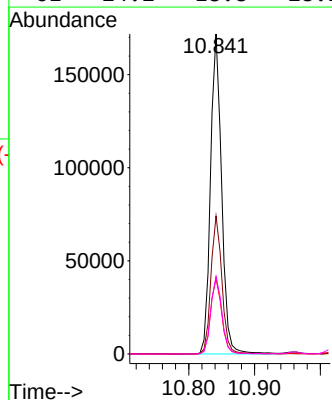
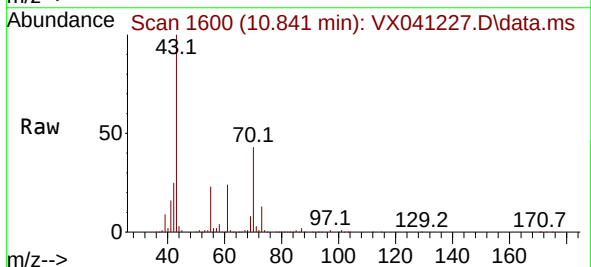
Reviewed By :John Carlone 04/25/2024

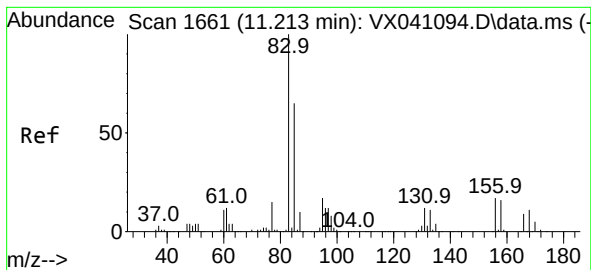
Supervised By :Mahesh Dadoda 04/25/2024



#74
N-ethyl acetate
Concen: 51.092 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

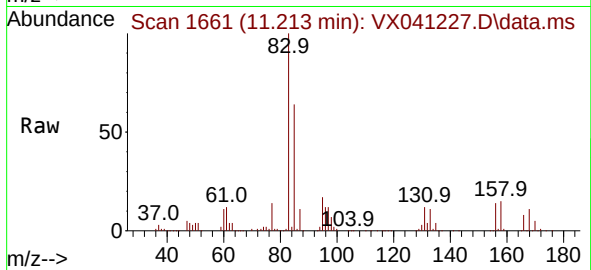
Tgt Ion: 43 Resp: 202209
Ion Ratio Lower Upper
43 100
70 42.8 32.9 49.3
55 23.7 19.3 28.9
61 24.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.041 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

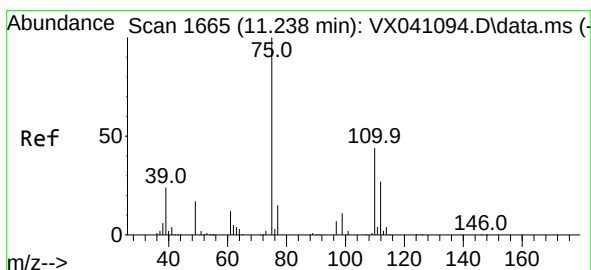
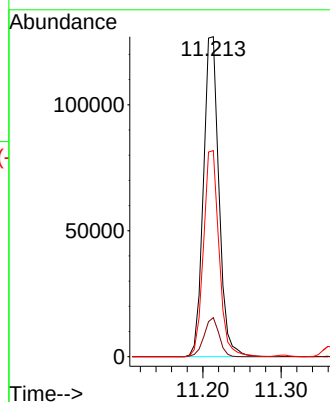
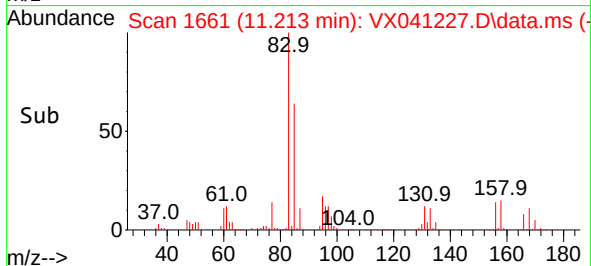
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



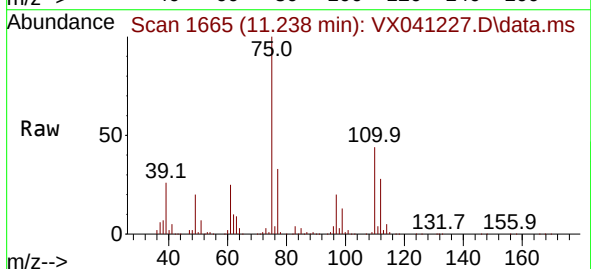
Tgt Ion: 83 Resp: 174798
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

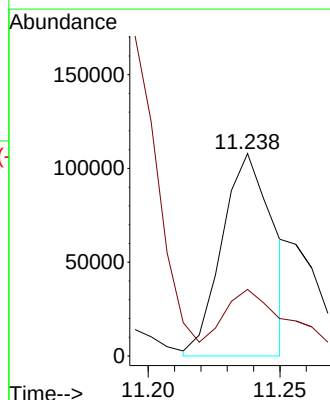
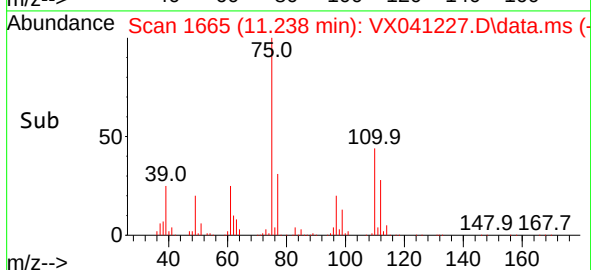
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

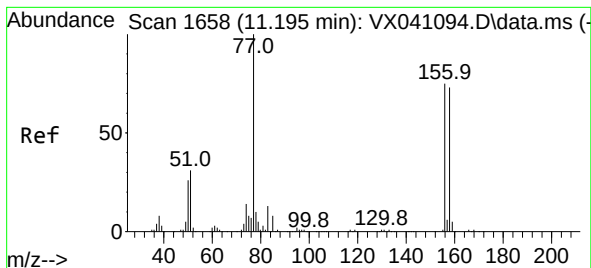


#76
1,2,3-Trichloropropane
Concen: 55.640 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39



Tgt Ion: 75 Resp: 145091
Ion Ratio Lower Upper
75 100
77 43.4 19.1 57.5





#77

Bromobenzene

Concen: 55.203 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

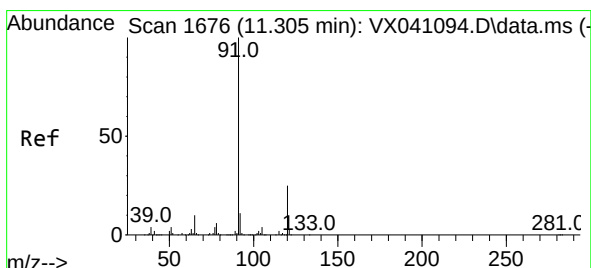
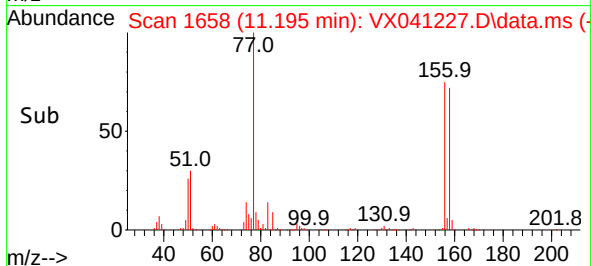
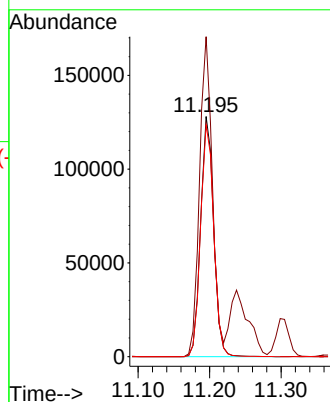
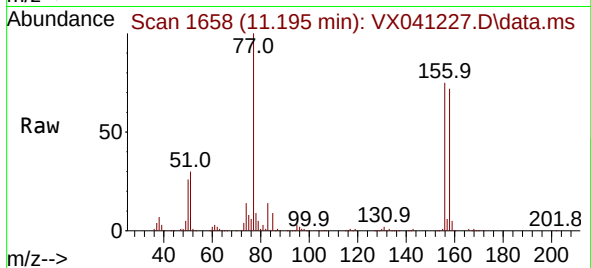
Tgt Ion:156 Resp: 161773
 Ion Ratio Lower Upper
 156 100
 77 131.1 88.4 265.3
 158 98.1 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#78

n-propylbenzene

Concen: 59.682 ug/l

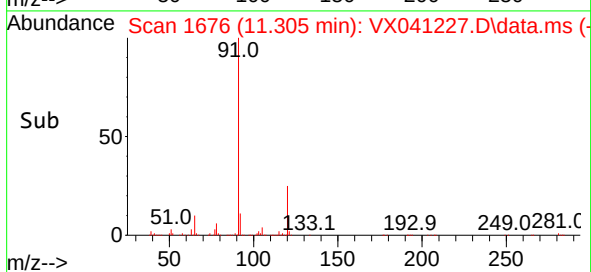
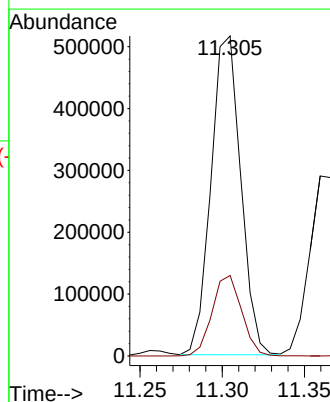
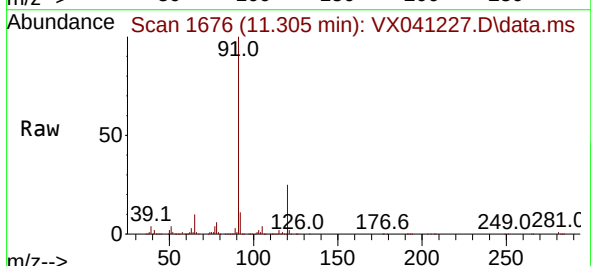
RT: 11.305 min Scan# 1676

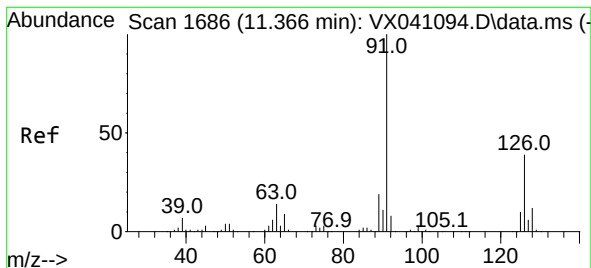
Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion: 91 Resp: 648952
 Ion Ratio Lower Upper
 91 100
 120 25.1 11.5 34.4





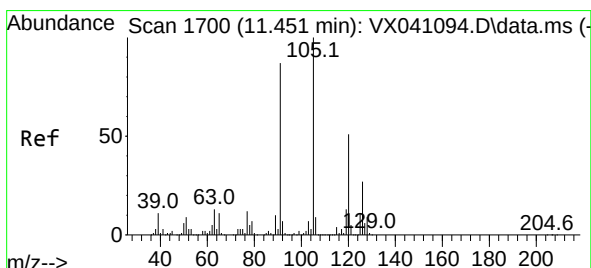
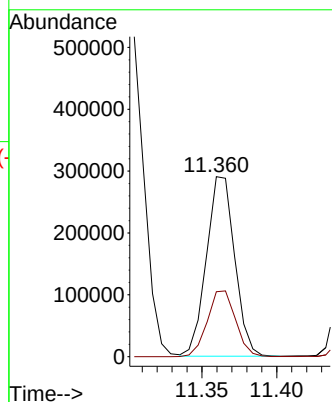
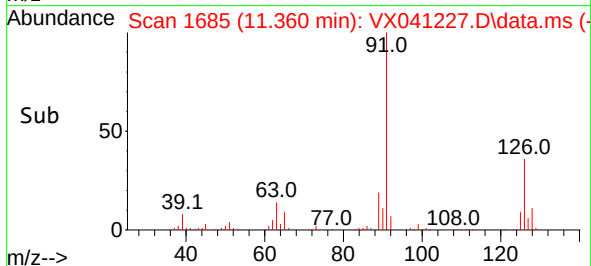
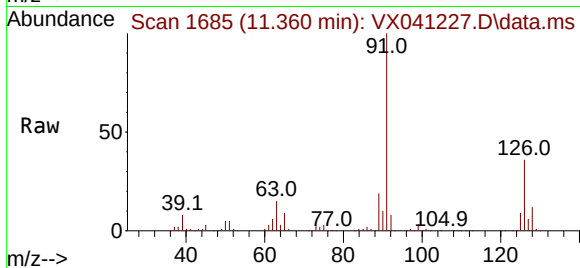
#79
2-Chlorotoluene
Concen: 55.548 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38222
Ion Ratio Lower Upper
91 100
126 36.7 16.3 48.8

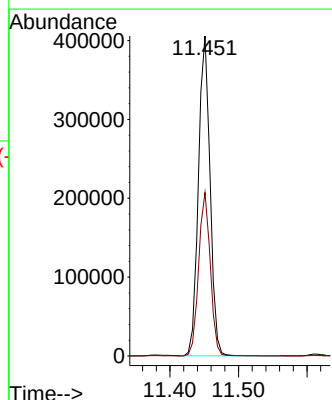
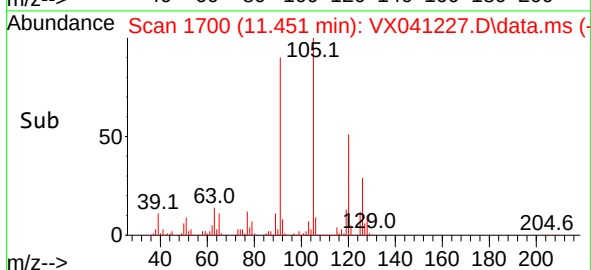
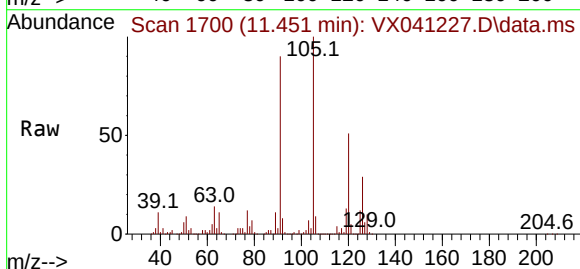
Manual Integrations
APPROVED

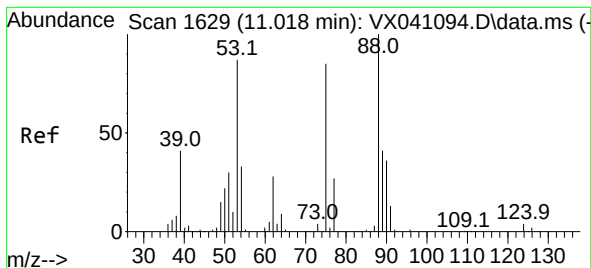
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.279 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

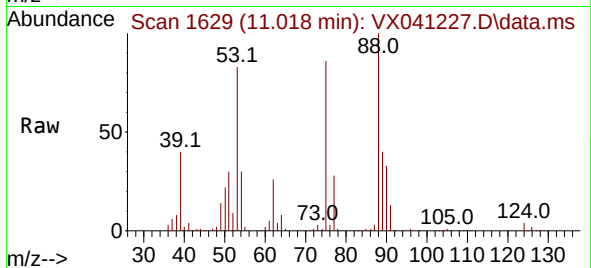
Tgt Ion:105 Resp: 479872
Ion Ratio Lower Upper
105 100
120 51.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 62.087 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

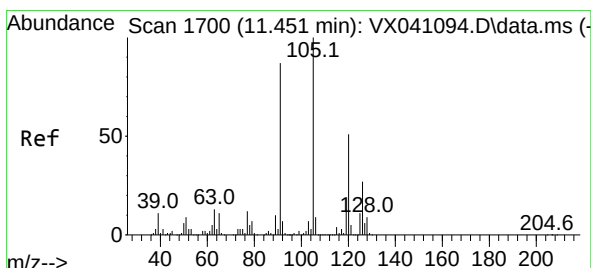
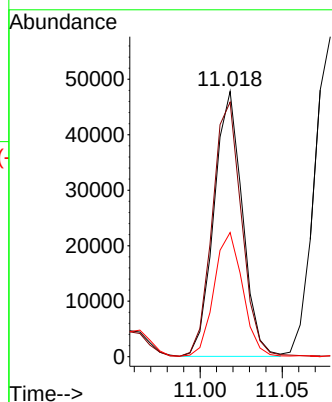
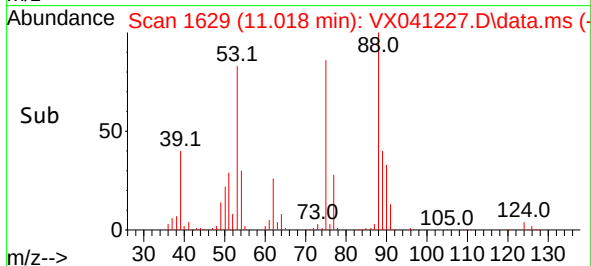
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 57385
Ion Ratio Lower Upper
75 100
53 99.4 90.5 135.7
89 47.5 36.9 55.3

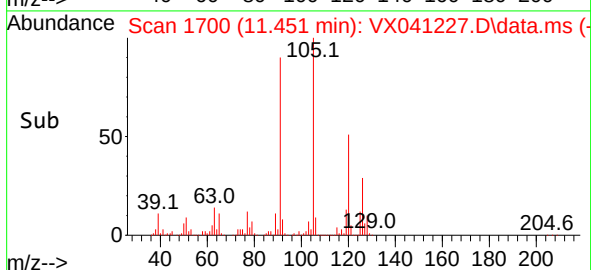
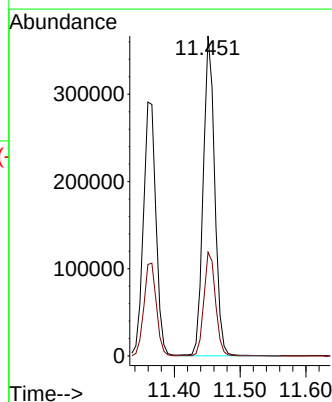
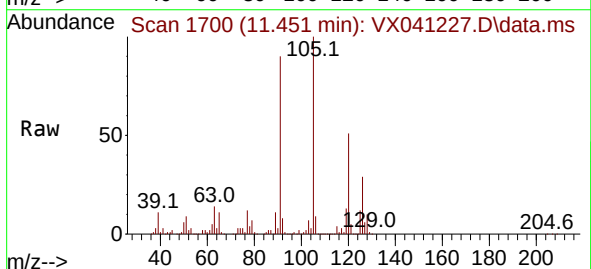
Manual Integrations
APPROVED

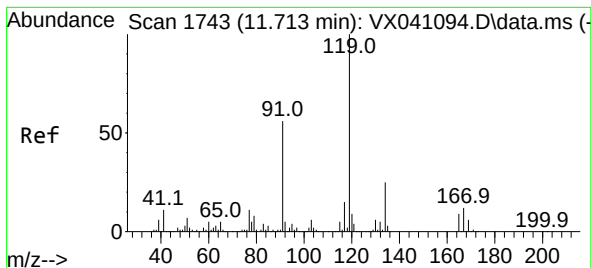
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#82
4-Chlorotoluene
Concen: 57.194 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion: 91 Resp: 445981
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 57.197 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

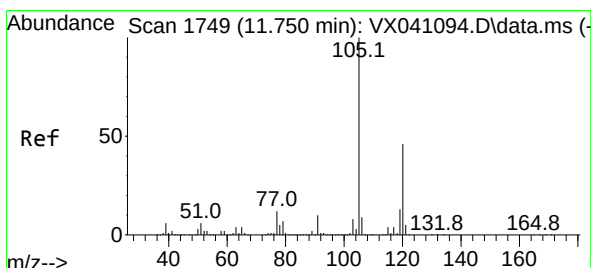
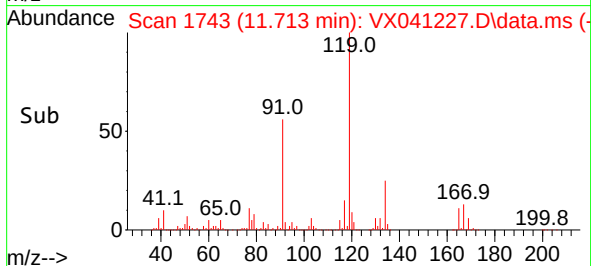
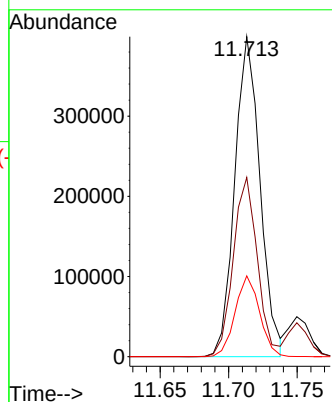
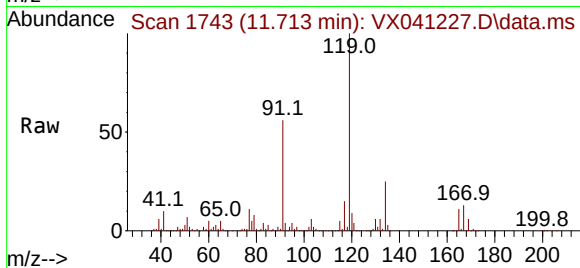
Tgt Ion:	119	Resp:	51314
Ion Ratio	Lower	Upper	
119	100		
91	53.9	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.486 ug/l

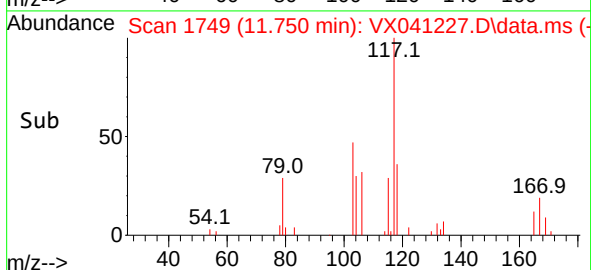
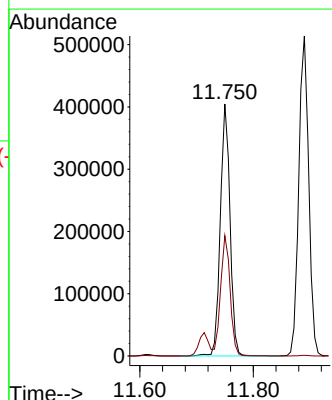
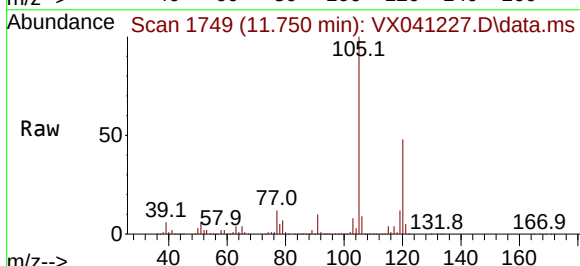
RT: 11.750 min Scan# 1749

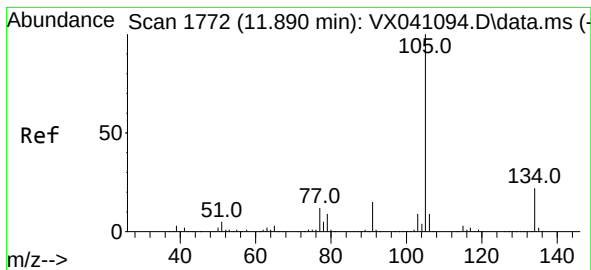
Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

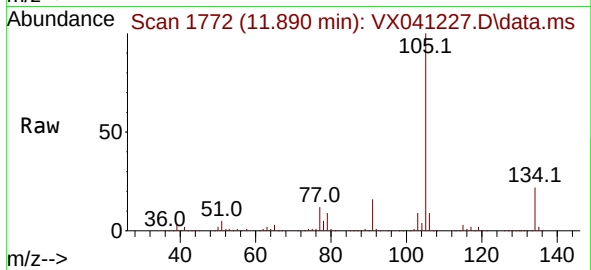
Tgt Ion:	105	Resp:	478007
Ion Ratio	Lower	Upper	
105	100		
120	47.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 60.043 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041227.D
 Acq: 24 Apr 2024 11:39

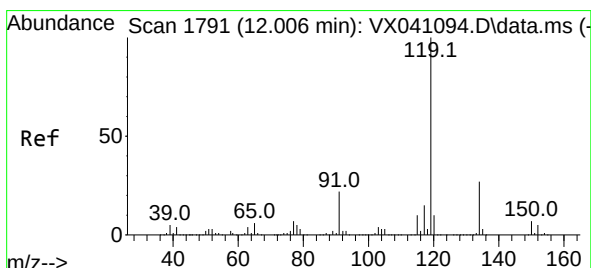
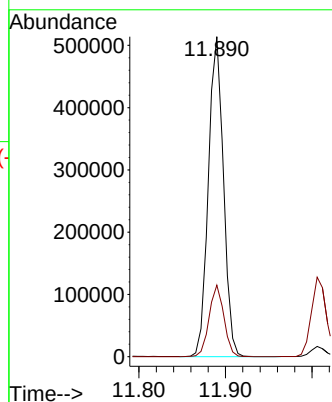
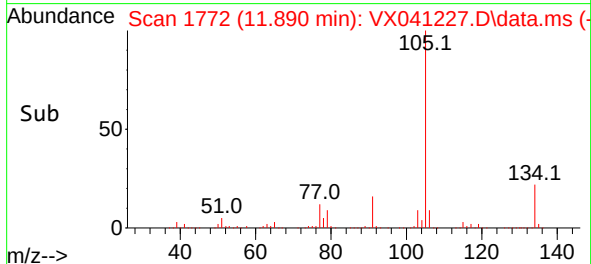
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 62205
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4

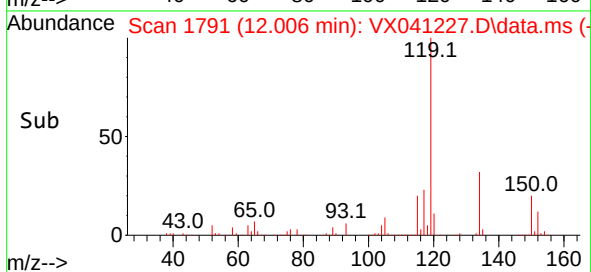
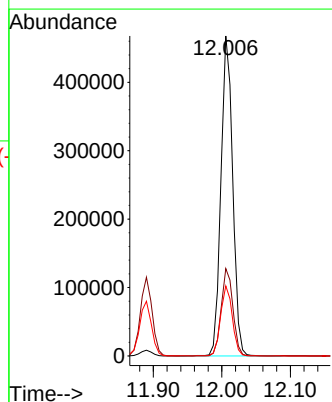
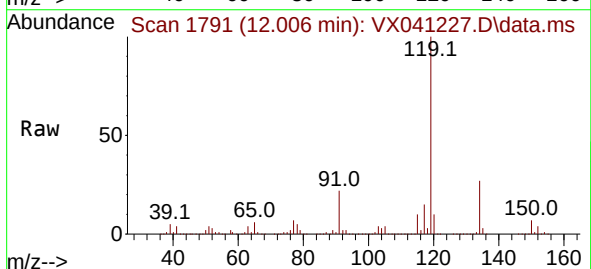
Manual Integrations
 APPROVED

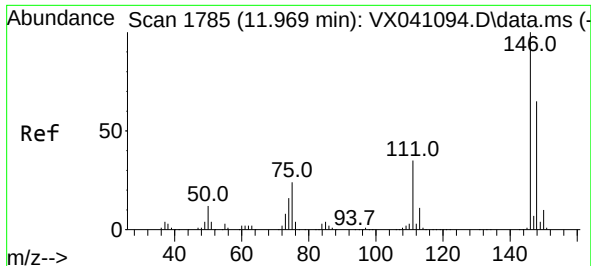
Reviewed By :John Carlone 04/25/2024
 Supervised By :Mahesh Dadoda 04/25/2024



#86
 p-Isopropyltoluene
 Concen: 60.848 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041227.D
 Acq: 24 Apr 2024 11:39

Tgt Ion:119 Resp: 555528
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 21.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 56.468 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 297250

Ion Ratio Lower Upper

146 100

111 36.7 22.1 66.1

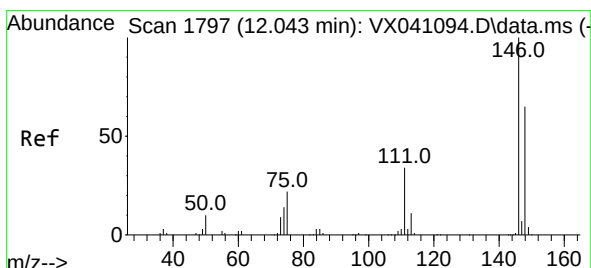
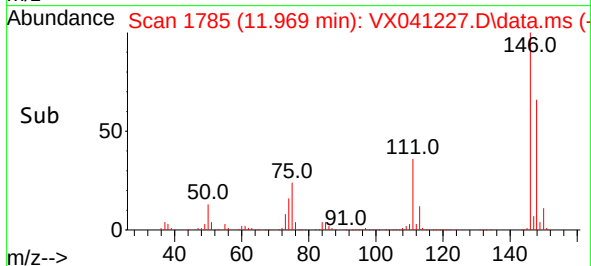
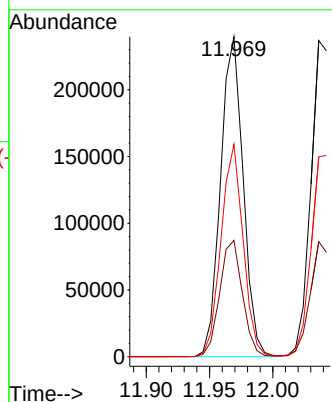
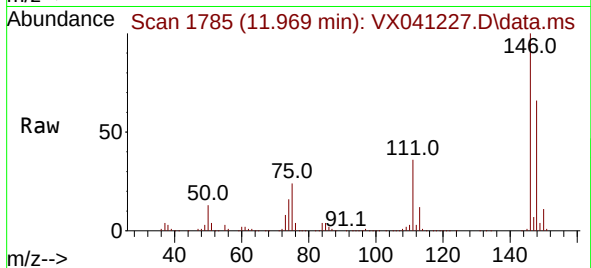
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#88

1,4-Dichlorobenzene

Concen: 55.721 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

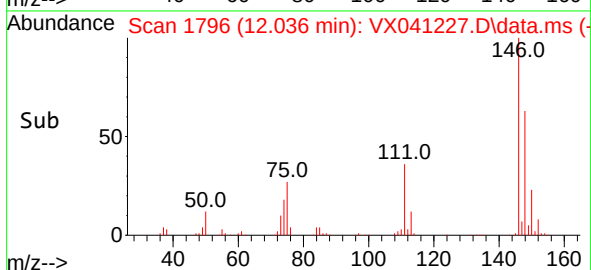
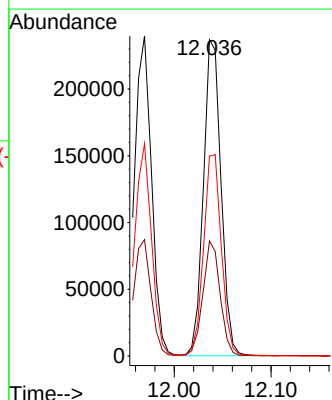
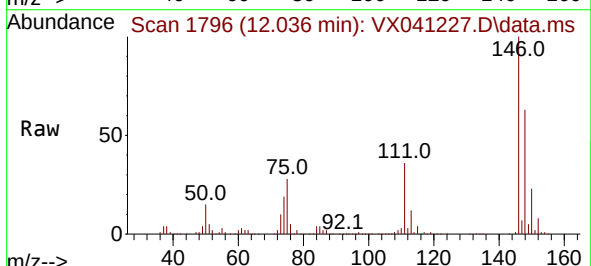
Tgt Ion:146 Resp: 300952

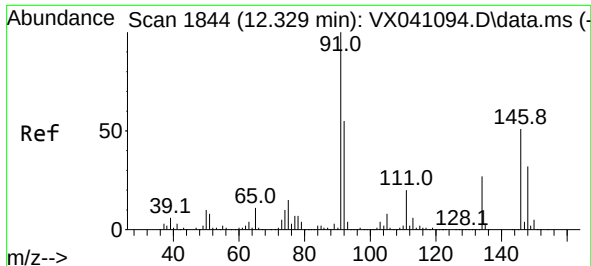
Ion Ratio Lower Upper

146 100

111 35.7 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 67.611 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 468674

Ion Ratio Lower Upper

91 100

92 55.2 27.4 82.0

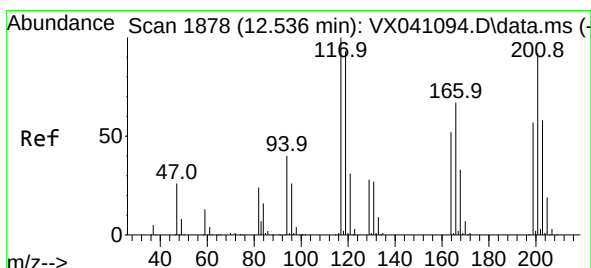
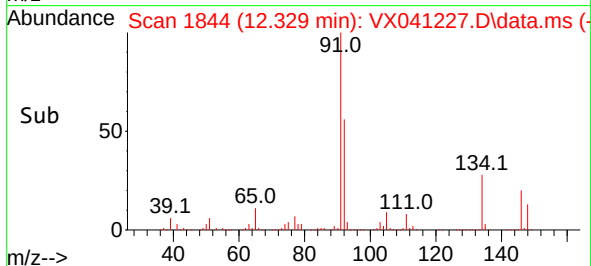
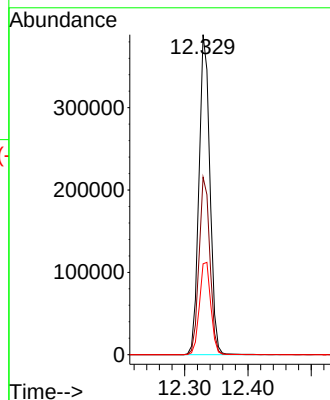
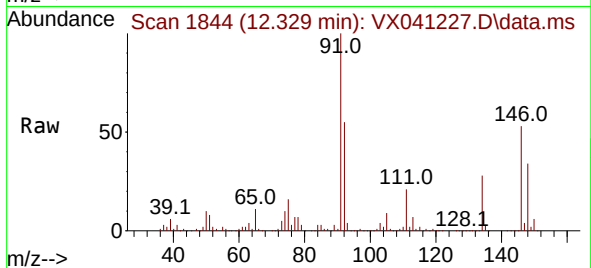
134 29.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#90

Hexachloroethane

Concen: 63.058 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041227.D

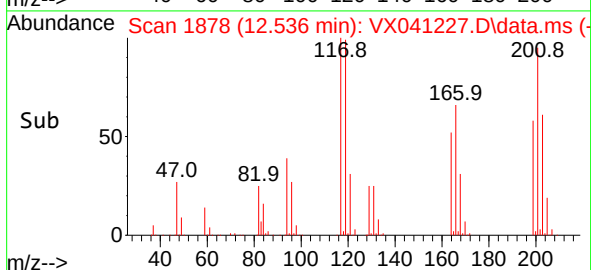
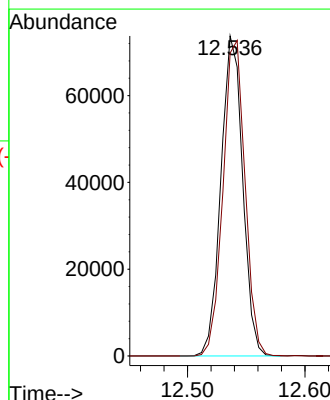
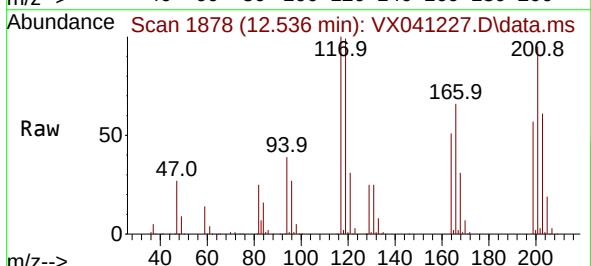
Acq: 24 Apr 2024 11:39

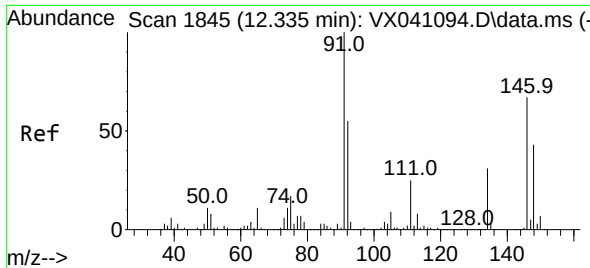
Tgt Ion:117 Resp: 94965

Ion Ratio Lower Upper

117 100

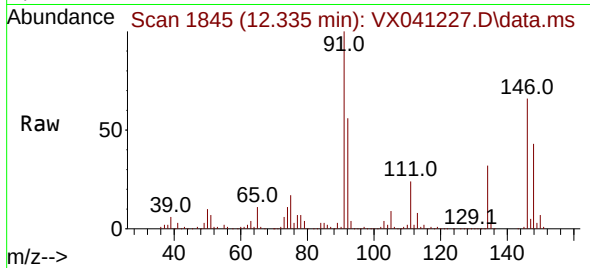
201 99.6 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 55.583 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

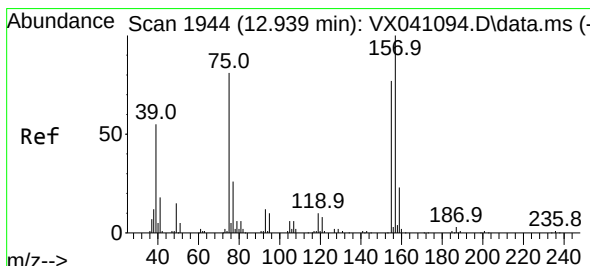
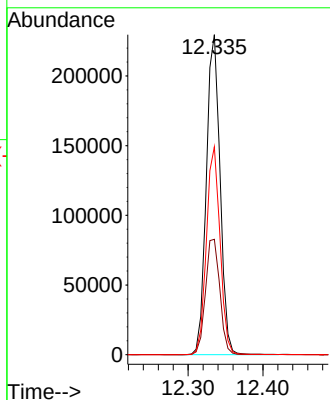
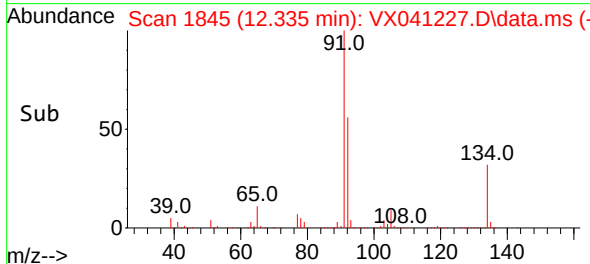
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



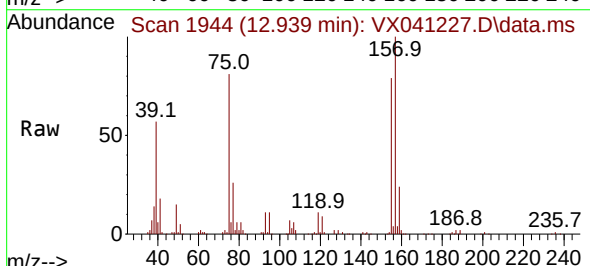
Tgt Ion:146 Resp: 293064
Ion Ratio Lower Upper
146 100
111 37.7 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
APPROVED

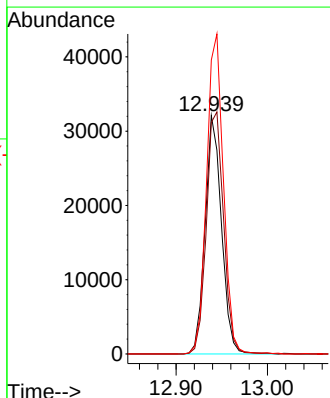
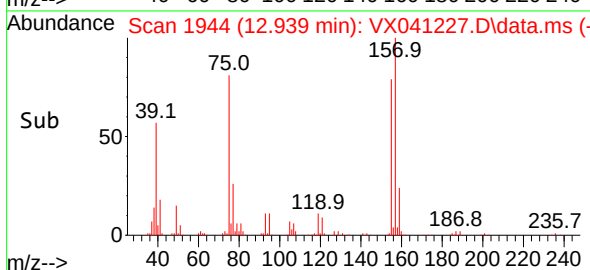
Reviewed By :John Carlone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024

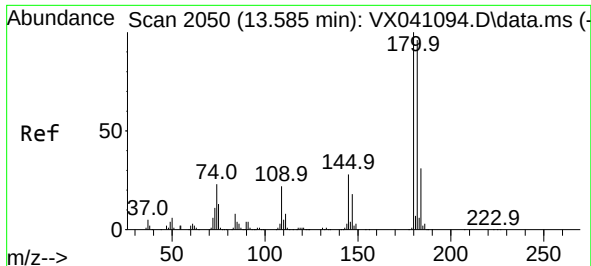


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.876 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39



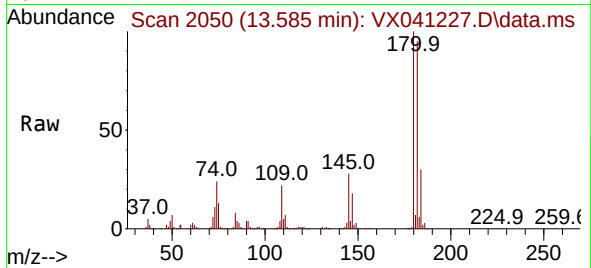
Tgt Ion: 75 Resp: 39899
Ion Ratio Lower Upper
75 100
155 106.6 36.1 108.5
157 137.3 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 63.924 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

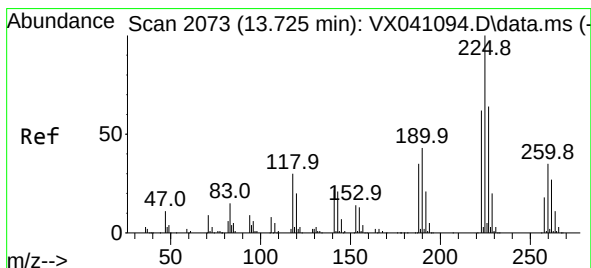
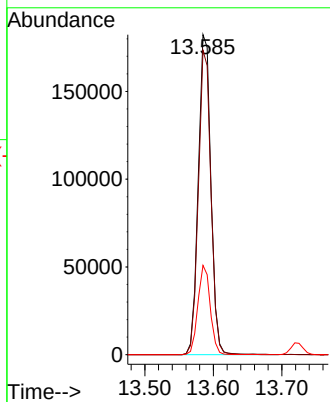
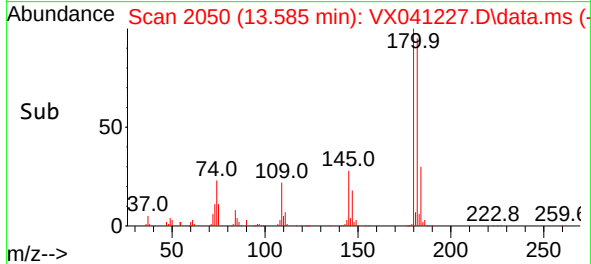
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 23368
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.8
145 27.4 18.0 54.0

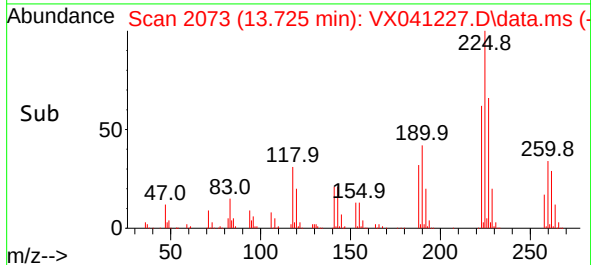
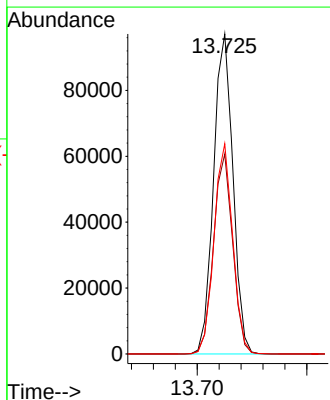
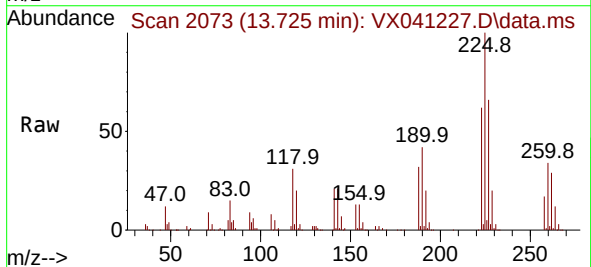
Manual Integrations
APPROVED

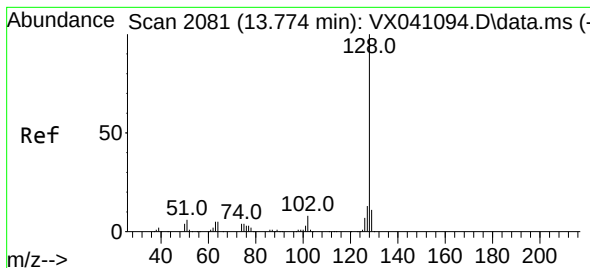
Reviewed By :John Carbone 04/25/2024
Supervised By :Mahesh Dadoda 04/25/2024



#94
Hexachlorobutadiene
Concen: 63.747 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041227.D
Acq: 24 Apr 2024 11:39

Tgt Ion:225 Resp: 119061
Ion Ratio Lower Upper
225 100
223 61.8 31.1 93.2
227 63.7 32.5 97.5





#95

Naphthalene

Concen: 60.328 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

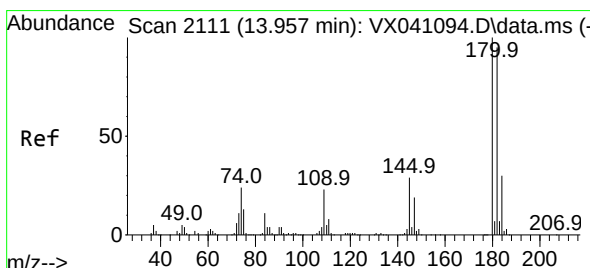
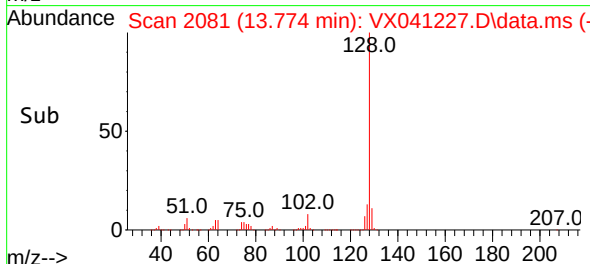
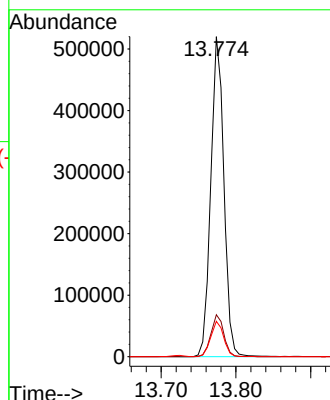
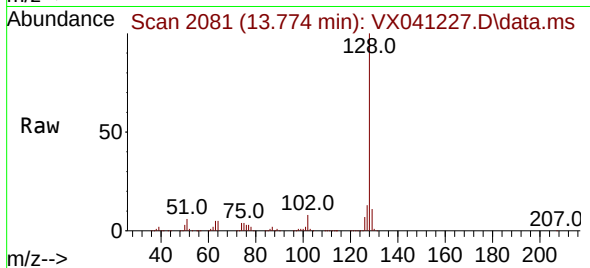
Tgt Ion:128	Resp: 633650
Ion Ratio	Lower Upper
128 100	
127 12.9	10.3 15.5
129 11.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2024

Supervised By :Mahesh Dadoda 04/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 59.414 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041227.D

Acq: 24 Apr 2024 11:39

Tgt Ion:180	Resp: 228778
Ion Ratio	Lower Upper
180 100	
182 96.0	46.9 140.6
145 29.0	17.8 53.5

