

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042963.D
 Acq On : 09 Aug 2024 00:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:46:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165530	52.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.440%			
35) Dibromofluoromethane	5.385	113	130792	51.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.647	98	454584	50.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	169054	52.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	128041	51.447	ug/l	97
3) Chloromethane	1.294	50	131186	48.378	ug/l	99
4) Vinyl Chloride	1.374	62	131056	50.938	ug/l	99
5) Bromomethane	1.599	94	77237	49.603	ug/l	95
6) Chloroethane	1.666	64	70510	48.105	ug/l	98
7) Trichlorofluoromethane	1.867	101	190294	47.558	ug/l	99
8) Diethyl Ether	2.136	74	75171	51.076	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	127617	50.728	ug/l	96
10) Methyl Iodide	2.447	142	149133	57.331	ug/l	94
11) Tert butyl alcohol	3.001	59	160224	254.130	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	125688	49.387	ug/l	94
13) Acrolein	2.239	56	174617	280.978	ug/l	100
14) Allyl chloride	2.660	41	198951	51.736	ug/l	94
15) Acrylonitrile	3.068	53	402559	250.160	ug/l	98
16) Acetone	2.392	43	317836	231.180	ug/l	94
17) Carbon Disulfide	2.501	76	286448	46.253	ug/l	99
18) Methyl Acetate	2.709	43	213179	48.896	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	437437	51.067	ug/l	98
20) Methylene Chloride	2.788	84	145892	51.342	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	128409	50.151	ug/l	94
22) Diisopropyl ether	3.763	45	438015	51.849	ug/l	99
23) Vinyl Acetate	3.721	43	2531322	264.011	ug/l	99
24) 1,1-Dichloroethane	3.605	63	248910	51.231	ug/l	99
25) 2-Butanone	4.568	43	543727	251.832	ug/l	96
26) 2,2-Dichloropropane	4.477	77	142503	47.710	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	154500	50.881	ug/l	91
28) Bromochloromethane	4.897	49	86114	46.191	ug/l	90
29) Tetrahydrofuran	5.013	42	359145	246.162	ug/l	96
30) Chloroform	5.092	83	256730	50.475	ug/l	98
31) Cyclohexane	5.470	56	201125	50.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	225582	50.380	ug/l	98
36) 1,1-Dichloropropene	5.690	75	167663	48.696	ug/l	97
37) Ethyl Acetate	4.721	43	213816	49.634	ug/l	100
38) Carbon Tetrachloride	5.672	117	191253	49.208	ug/l	98
39) Methylcyclohexane	7.379	83	208147	50.855	ug/l	97
40) Benzene	6.037	78	540540	50.585	ug/l	96

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 Quant Title : SW846 8260
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 Supervised By : Mahesh Dadoda 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	117761	53.074	ug/l	95
42) 1,2-Dichloroethane	6.086	62	198686	51.118	ug/l	98
43) Isopropyl Acetate	6.342	43	323706	50.810	ug/l	97
44) Trichloroethene	7.123	130	130004	48.418	ug/l	99
45) 1,2-Dichloropropane	7.427	63	135753	50.081	ug/l	98
46) Dibromomethane	7.580	93	98555	49.504	ug/l	92
47) Bromodichloromethane	7.824	83	190883	51.613	ug/l	98
48) Methyl methacrylate	7.696	41	159465	52.200	ug/l	93
49) 1,4-Dioxane	7.671	88	71425	1053.240	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	1096319	256.900	ug/l	98
52) Toluene	8.720	92	330378	50.970	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	177518	51.925	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	196284	51.987	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	133107	50.514	ug/l	95
56) Ethyl methacrylate	9.116	69	221080	52.139	ug/l	94
57) 1,3-Dichloropropane	9.311	76	221482	51.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	520447	260.423	ug/l	99
59) 2-Hexanone	9.433	43	851257	257.430	ug/l	98
60) Dibromochloromethane	9.518	129	145965	50.426	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138850	49.874	ug/l	98
64) Tetrachloroethene	9.275	164	122311	50.990	ug/l	97
65) Chlorobenzene	10.079	112	363438	49.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127582	50.542	ug/l	99
67) Ethyl Benzene	10.195	91	627608	50.967	ug/l	99
68) m/p-Xylenes	10.299	106	486741	103.541	ug/l	98
69) o-Xylene	10.640	106	237902	50.519	ug/l	100
70) Styrene	10.652	104	404874	53.465	ug/l	97
71) Bromoform	10.799	173	106203	49.661	ug/l #	98
73) Isopropylbenzene	10.963	105	617769	49.707	ug/l	99
74) N-amyl acetate	10.841	43	288890	51.660	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	215267	47.281	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	177321m	45.867	ug/l	
77) Bromobenzene	11.195	156	153558	48.572	ug/l	91
78) n-propylbenzene	11.305	91	702040	50.854	ug/l	100
79) 2-Chlorotoluene	11.366	91	431805	48.801	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	523023	50.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59077	49.687	ug/l	95
82) 4-Chlorotoluene	11.451	91	502147	50.490	ug/l	97
83) tert-Butylbenzene	11.713	119	514187	48.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	533084	51.456	ug/l	99
85) sec-Butylbenzene	11.890	105	640814	51.459	ug/l	100
86) p-Isopropyltoluene	12.006	119	535150	51.724	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280005	48.939	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	275470	46.973	ug/l	98
89) n-Butylbenzene	12.329	91	457293	51.234	ug/l	98
90) Hexachloroethane	12.536	117	90957	48.060	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	285380	49.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49362	49.342	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	169249	48.429	ug/l	97
94) Hexachlorobutadiene	13.725	225	71871	48.490	ug/l	98
95) Naphthalene	13.774	128	613742	50.750	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	177541	50.468	ug/l	99

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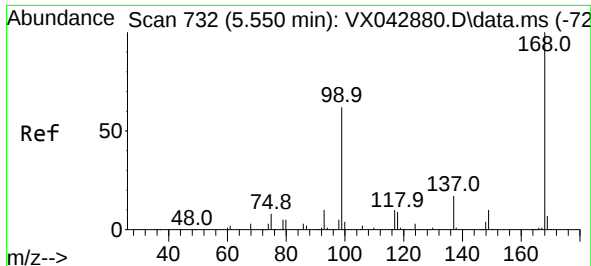
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

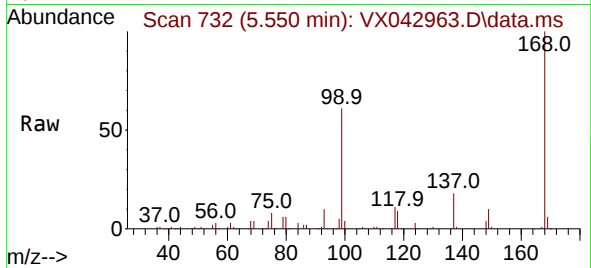
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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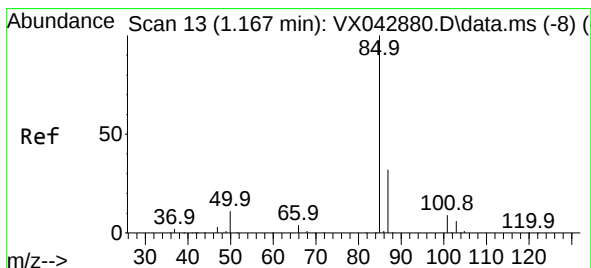
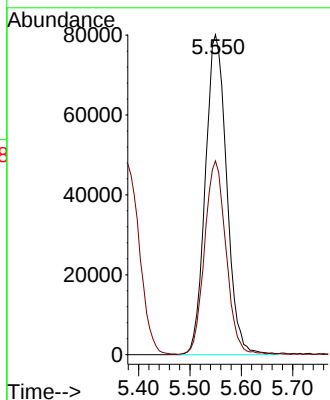
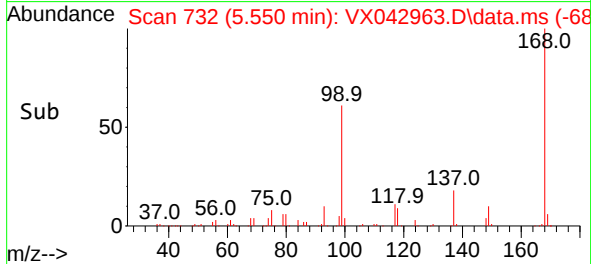
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 230890
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

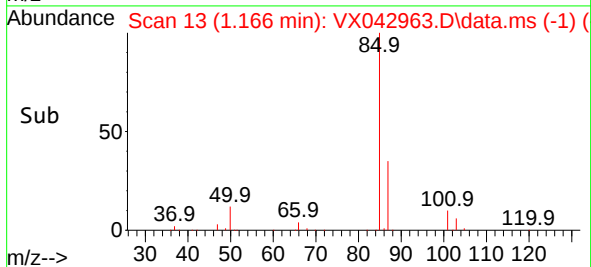
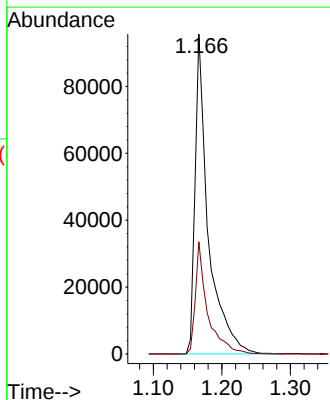
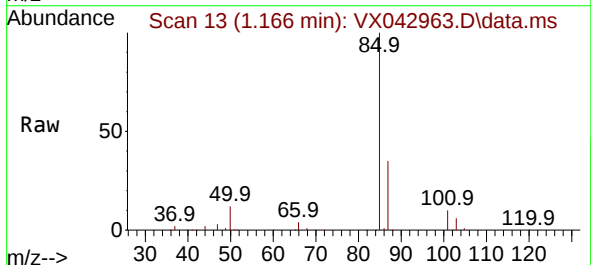
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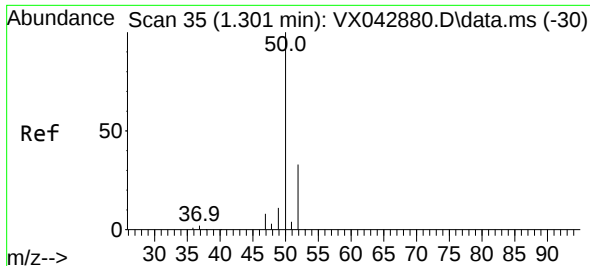
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#2
Dichlorodifluoromethane
Concen: 51.447 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

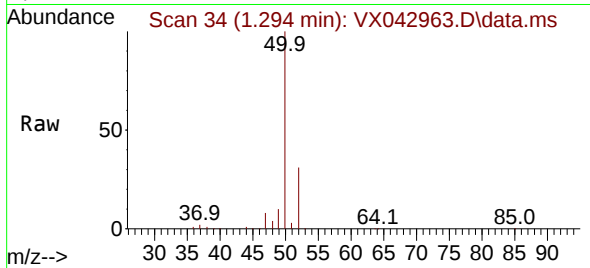
Tgt Ion: 85 Resp: 128041
Ion Ratio Lower Upper
85 100
87 35.0 16.7 50.1





#3
Chloromethane
Concen: 48.378 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

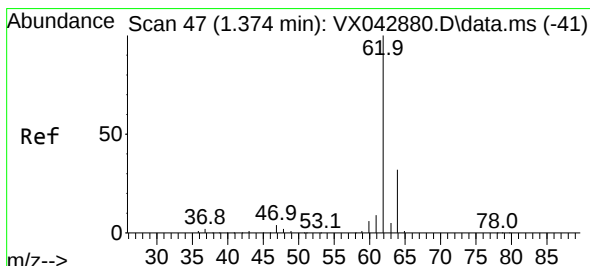
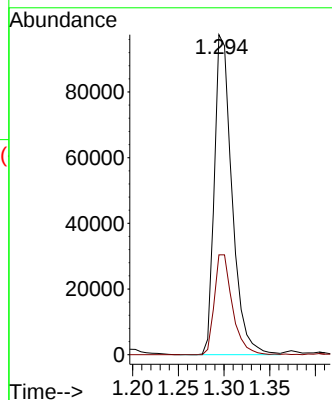
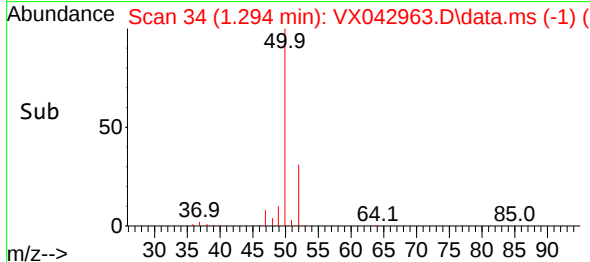
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 131180
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3

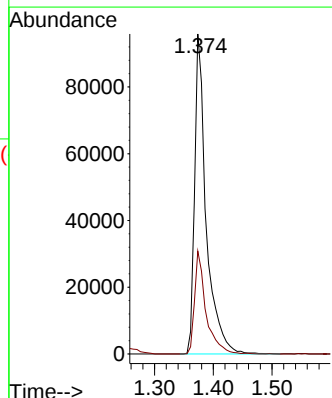
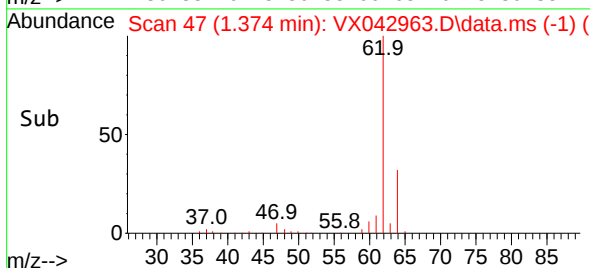
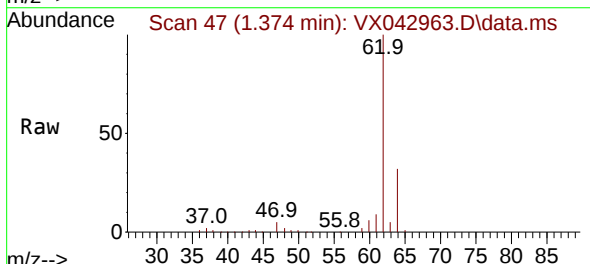
Manual Integrations
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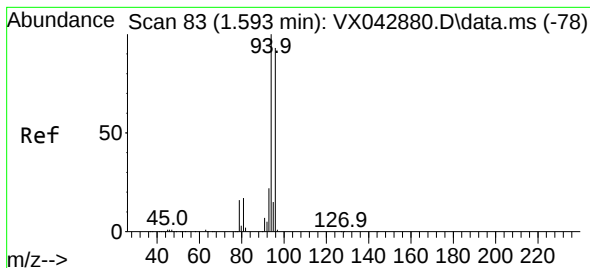
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#4
Vinyl Chloride
Concen: 50.938 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 62 Resp: 131056
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5

Bromomethane

Concen: 49.603 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 7723

Ion Ratio Lower Upper

94 100

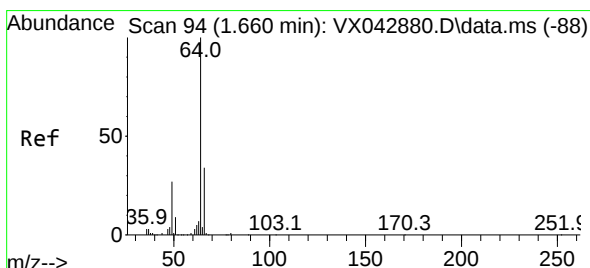
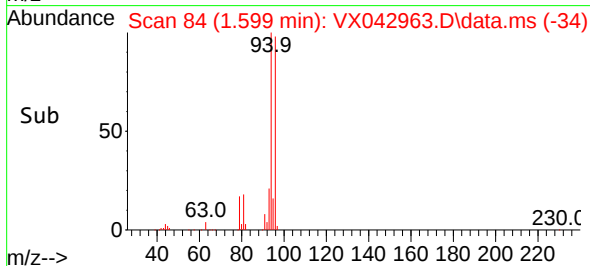
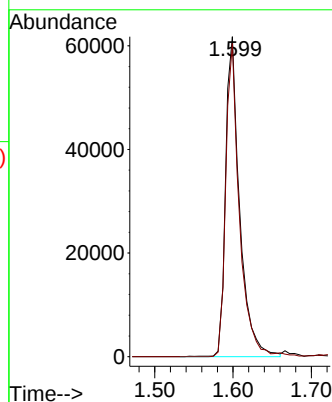
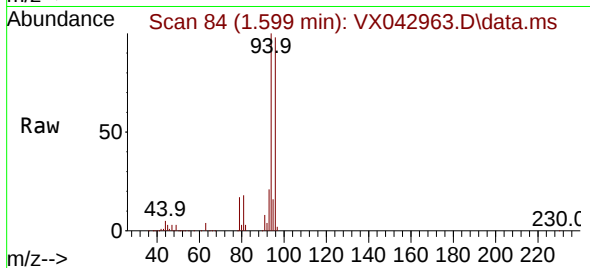
96 97.8 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 08/09/2024



#6

Chloroethane

Concen: 48.105 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX042963.D

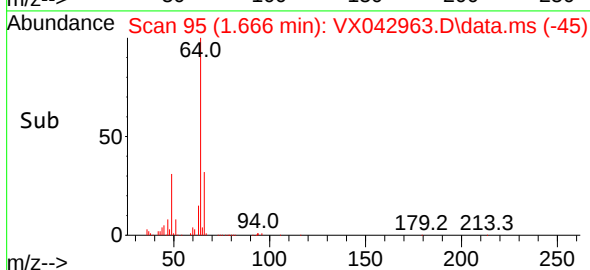
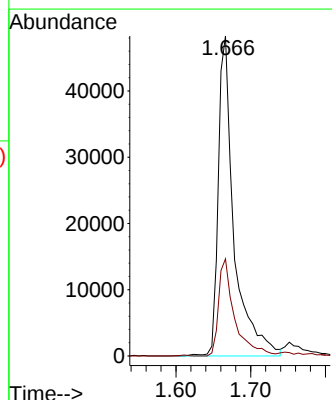
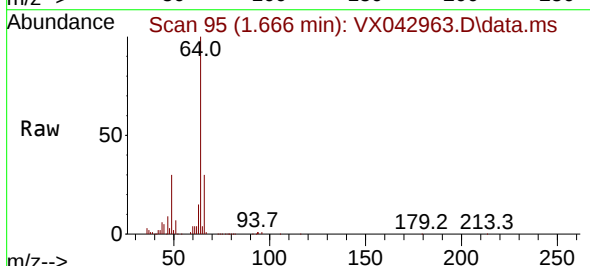
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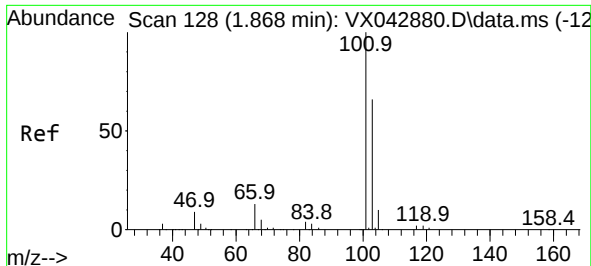
Tgt Ion: 64 Resp: 70510

Ion Ratio Lower Upper

64 100

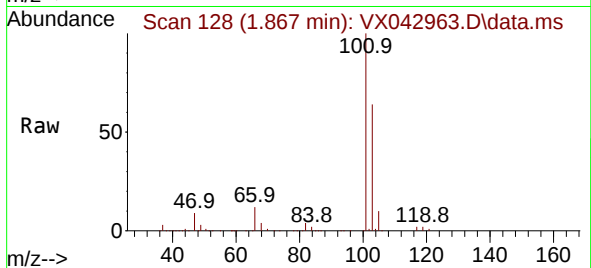
66 30.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 47.558 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042963.D
 Acq: 09 Aug 2024 00:35

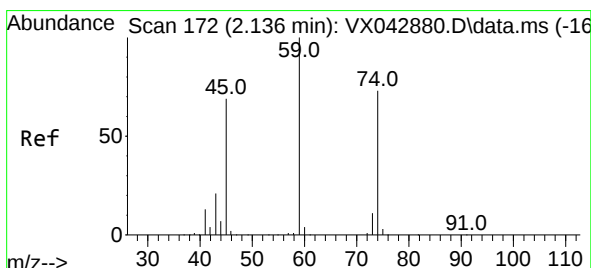
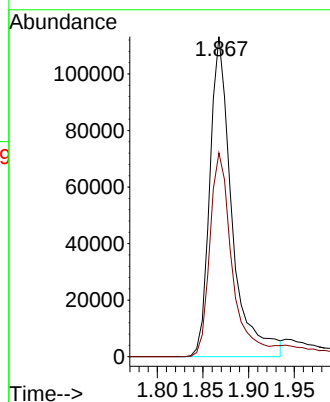
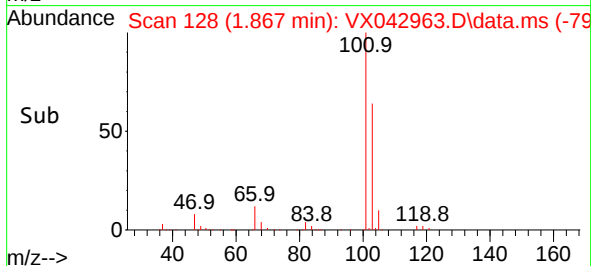
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 190294
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

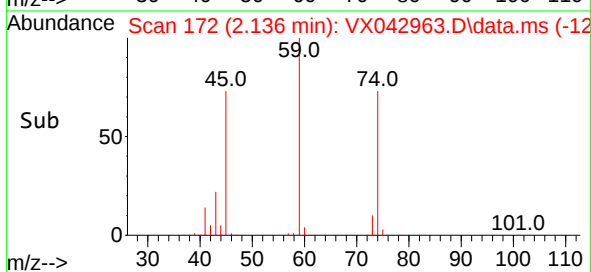
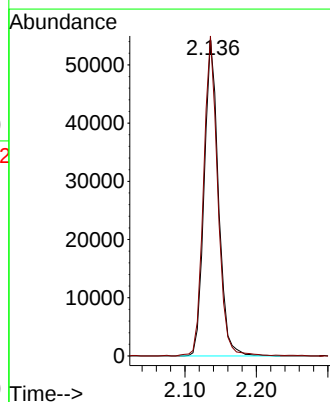
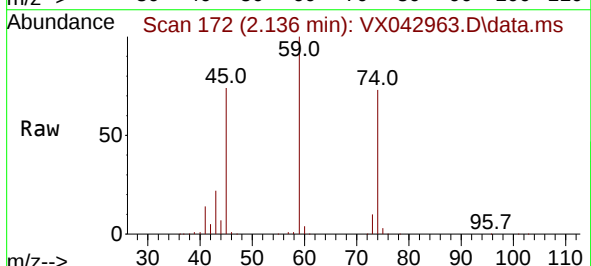
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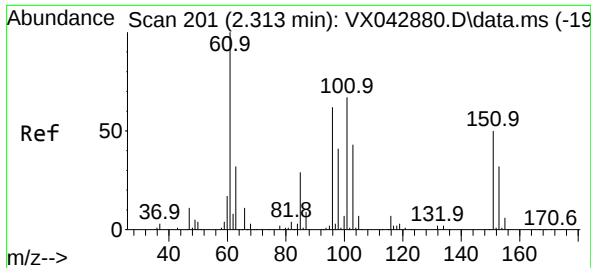
Reviewed By :John Carlone 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#8
 Diethyl Ether
 Concen: 51.076 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX042963.D
 Acq: 09 Aug 2024 00:35

Tgt Ion: 74 Resp: 75171
 Ion Ratio Lower Upper
 74 100
 45 100.8 53.3 159.8





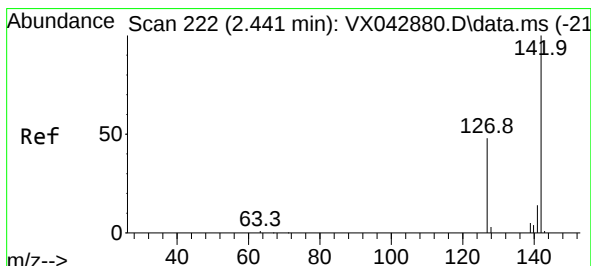
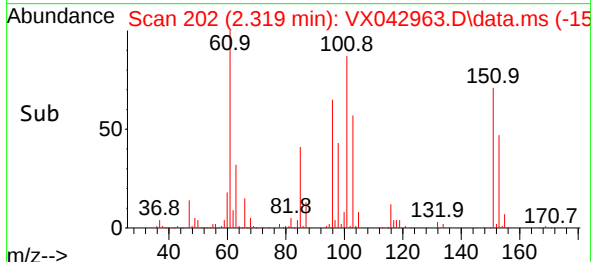
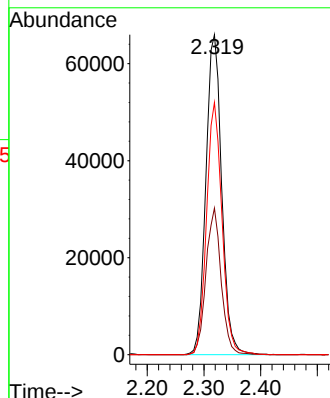
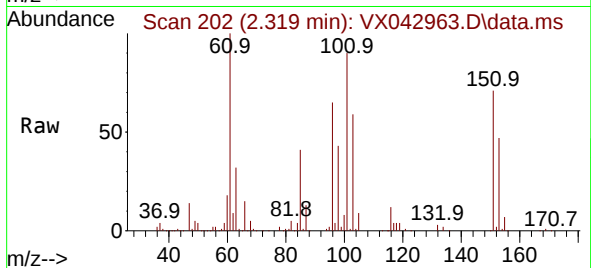
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.728 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12761
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 77.0 58.6 87.8

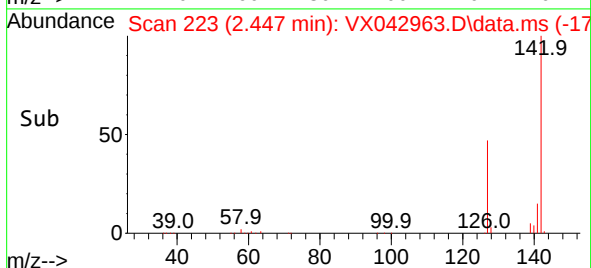
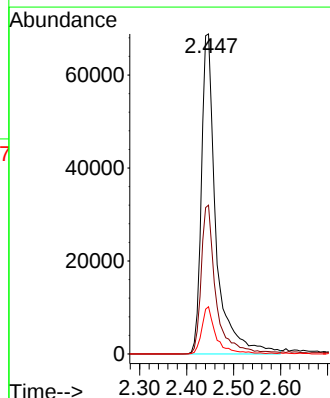
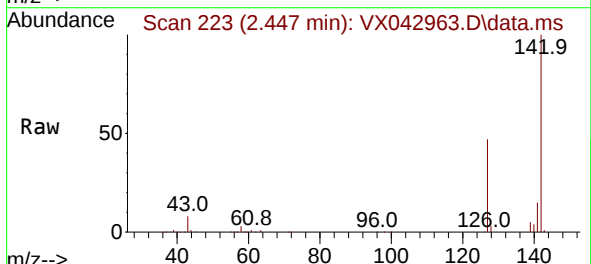
Manual Integrations
APPROVED

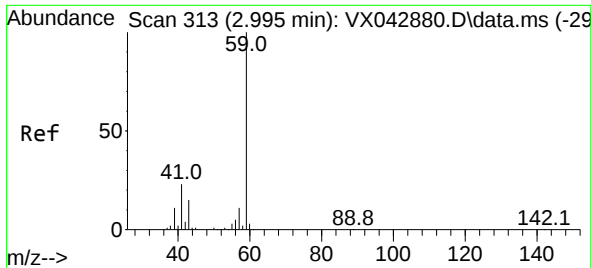
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#10
Methyl Iodide
Concen: 57.331 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:142 Resp: 149133
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.4 11.6 17.4





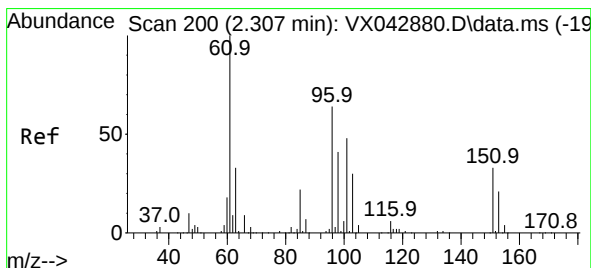
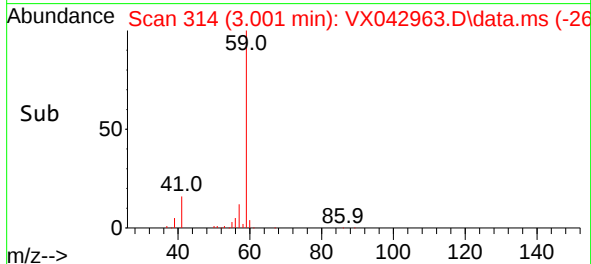
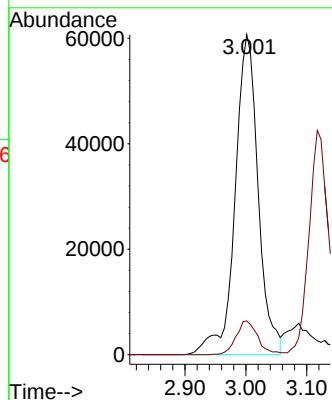
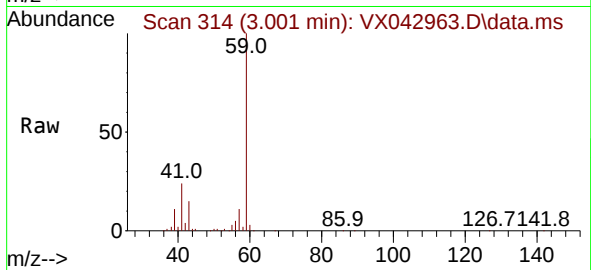
#11
Tert butyl alcohol
Concen: 254.130 ug/l
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 160224
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

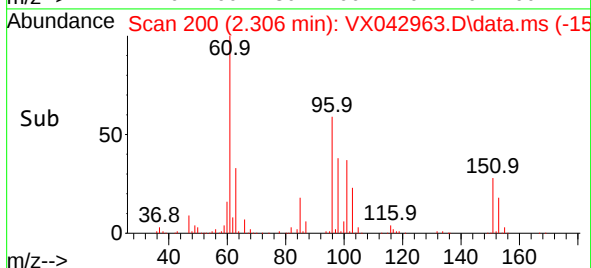
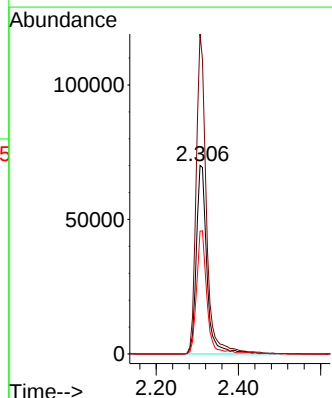
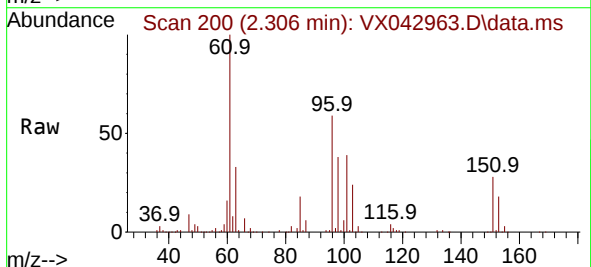
Manual Integrations
APPROVED

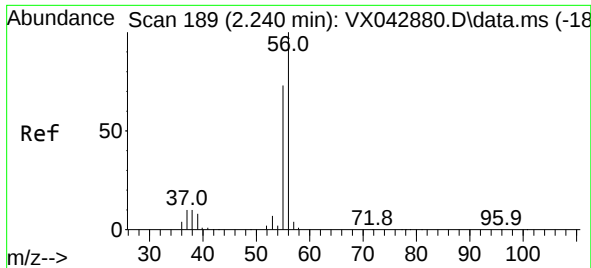
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#12
1,1-Dichloroethene
Concen: 49.387 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

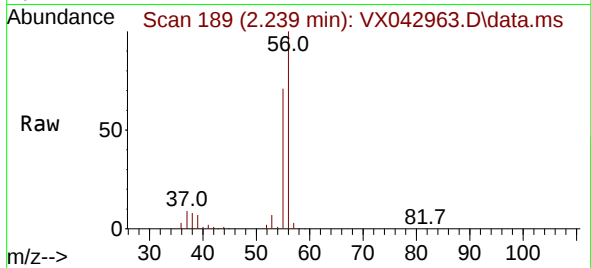
Tgt Ion: 96 Resp: 125688
Ion Ratio Lower Upper
96 100
61 169.8 144.6 216.8
98 65.1 50.4 75.6





#13
Acrolein
Concen: 280.978 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

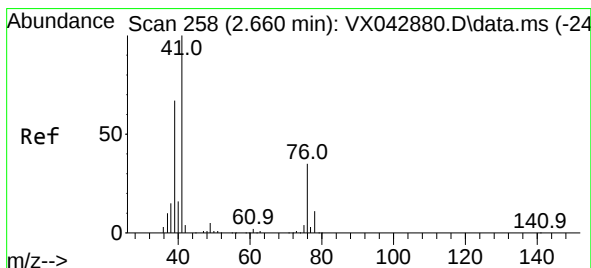
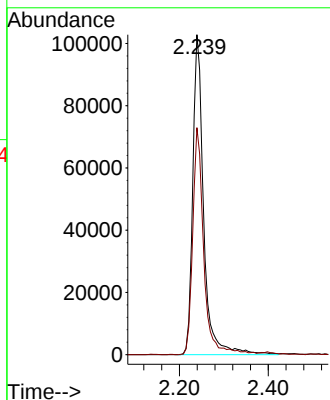
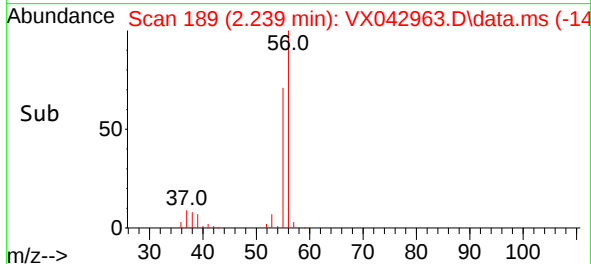
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17461
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

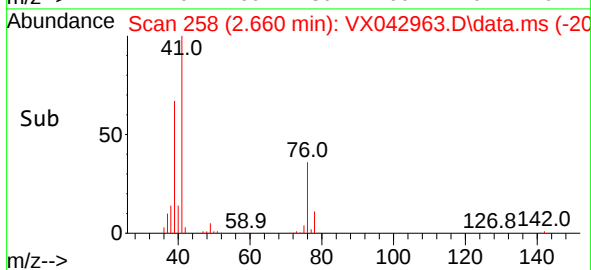
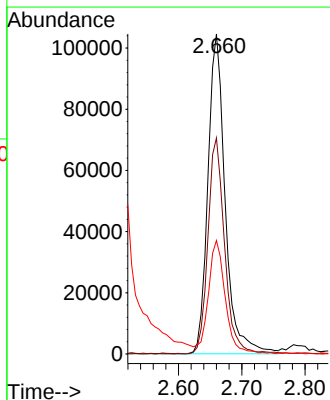
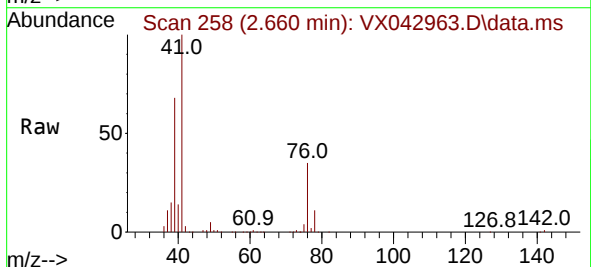
Manual Integrations
APPROVED

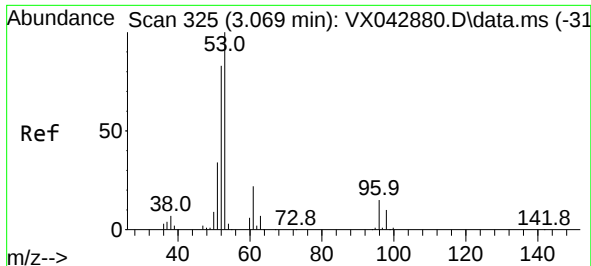
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#14
Allyl chloride
Concen: 51.736 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 41 Resp: 198951
Ion Ratio Lower Upper
41 100
39 64.9 55.8 83.6
76 34.5 24.3 36.5





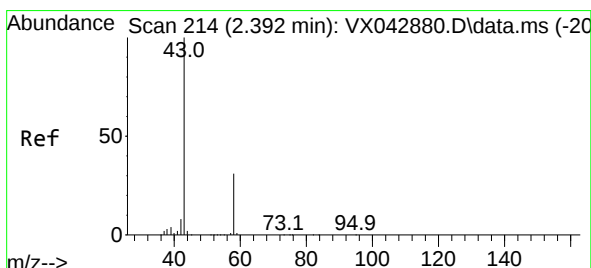
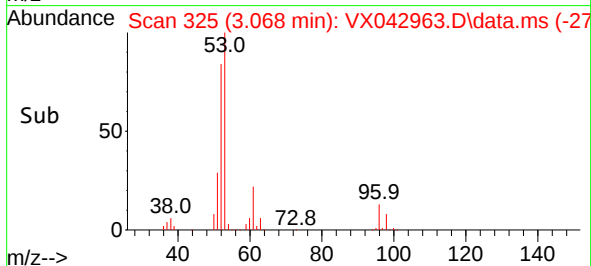
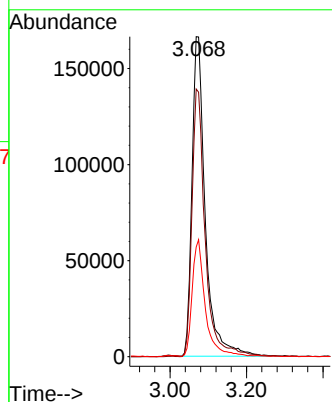
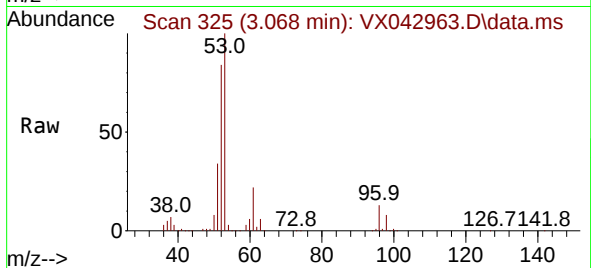
#15
Acrylonitrile
Concen: 250.160 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 402559
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 35.5 29.8 44.6

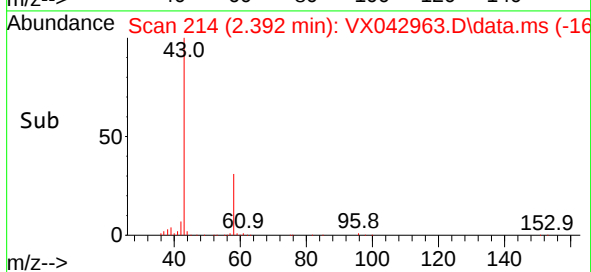
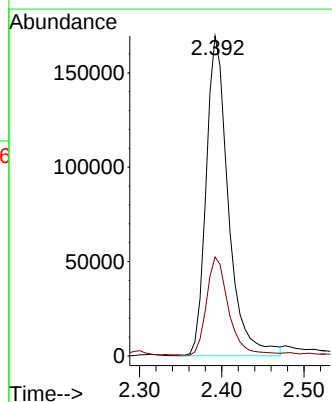
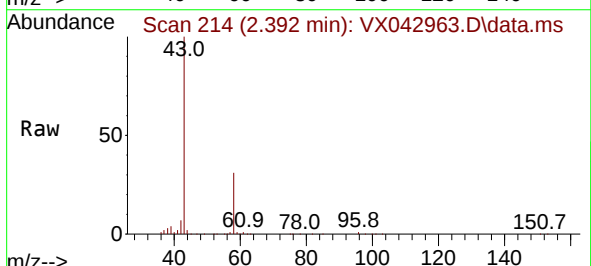
Manual Integrations
APPROVED

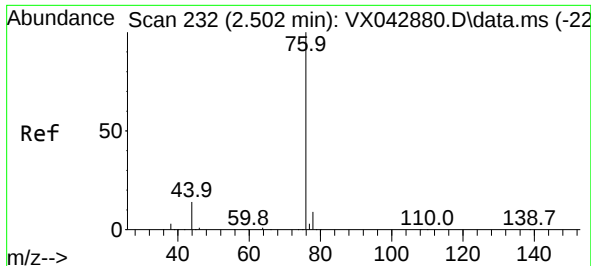
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#16
Acetone
Concen: 231.180 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

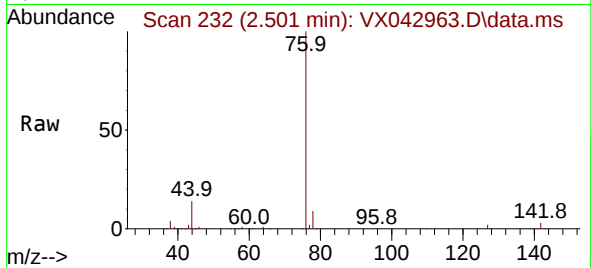
Tgt Ion: 43 Resp: 317836
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17
Carbon Disulfide
Concen: 46.253 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

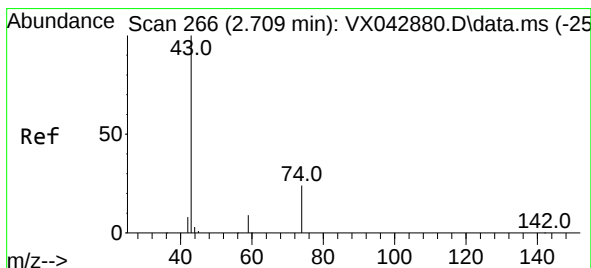
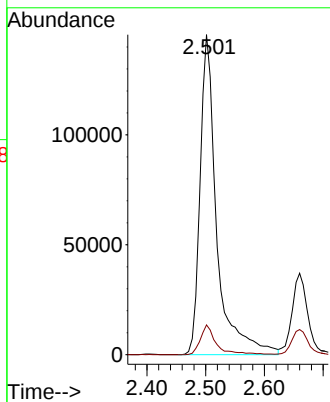
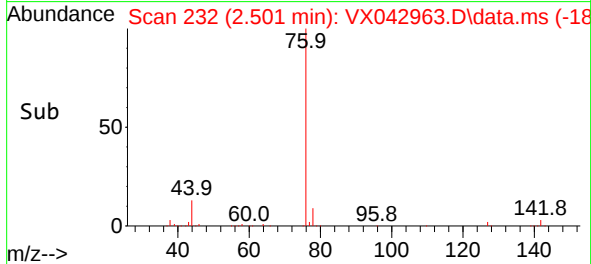
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 286448
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

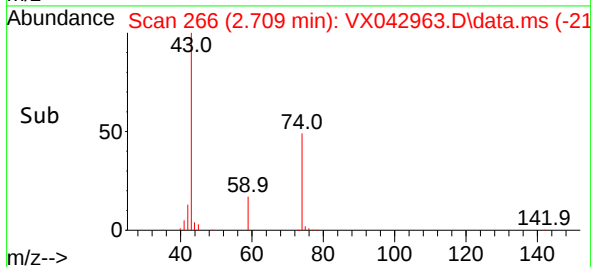
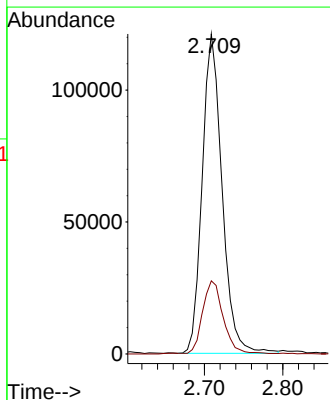
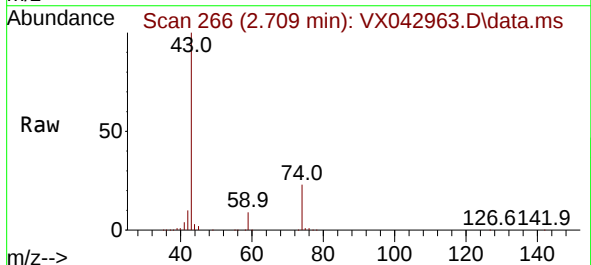
Manual Integrations
APPROVED

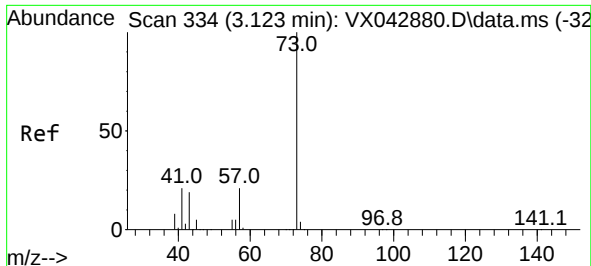
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#18
Methyl Acetate
Concen: 48.896 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 43 Resp: 213179
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





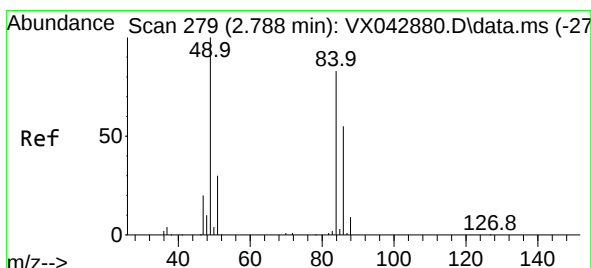
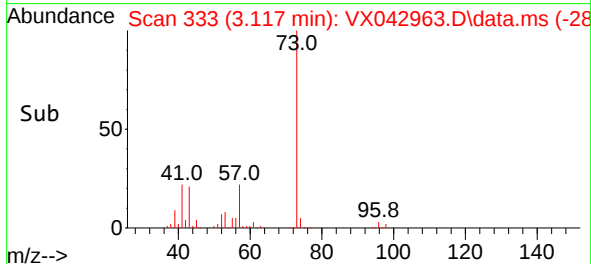
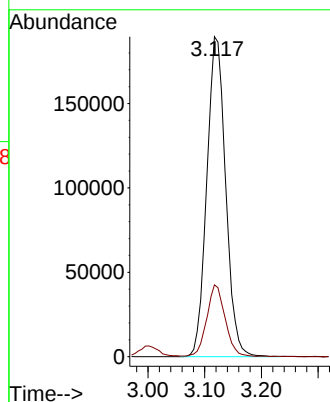
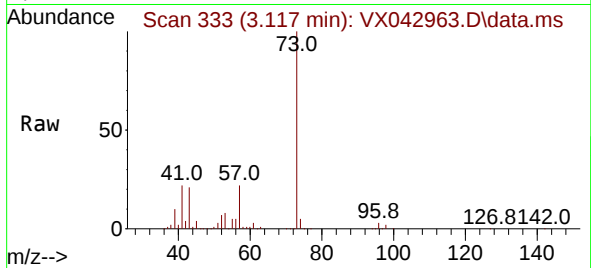
#19
Methyl tert-butyl Ether
Concen: 51.067 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 43743
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

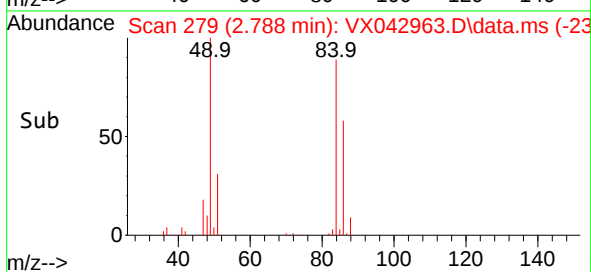
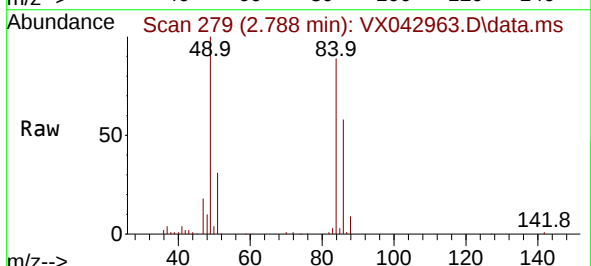
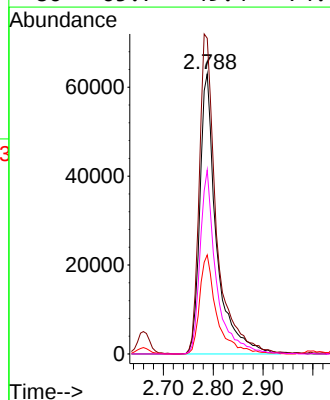
Manual Integrations
APPROVED

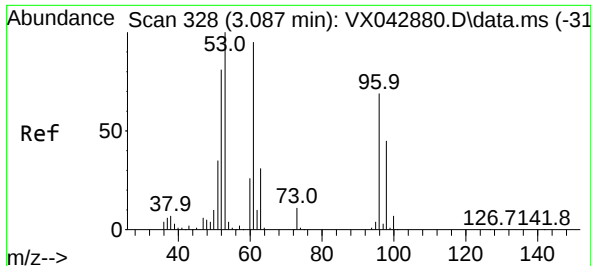
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#20
Methylene Chloride
Concen: 51.342 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

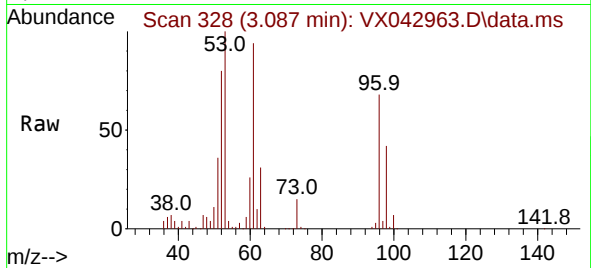
Tgt Ion: 84 Resp: 145892
Ion Ratio Lower Upper
84 100
49 112.7 103.6 155.4
51 35.4 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.151 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

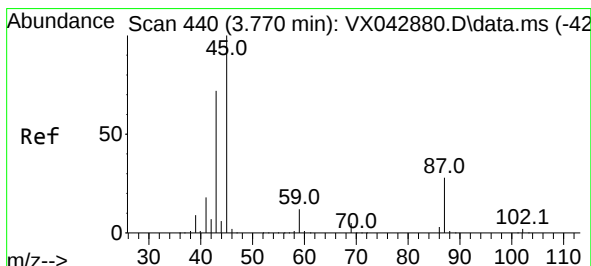
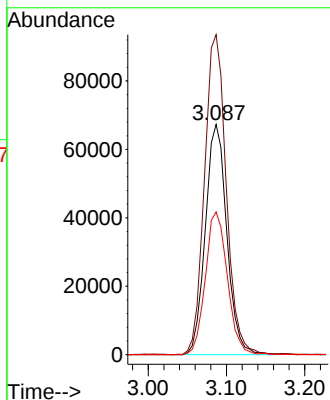
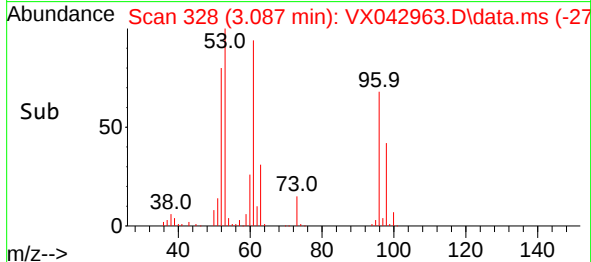
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



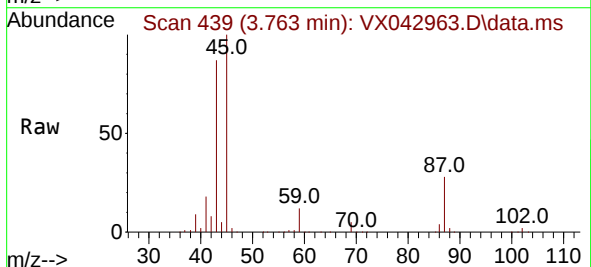
Tgt Ion: 96 Resp: 128409
Ion Ratio Lower Upper
96 100
61 138.8 119.2 178.8
98 62.0 48.7 73.1

Manual Integrations
APPROVED

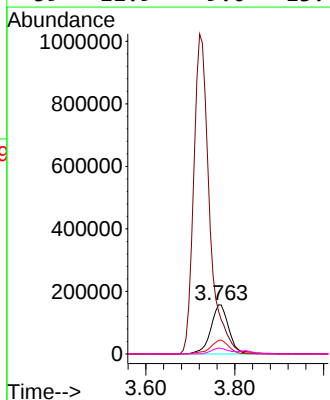
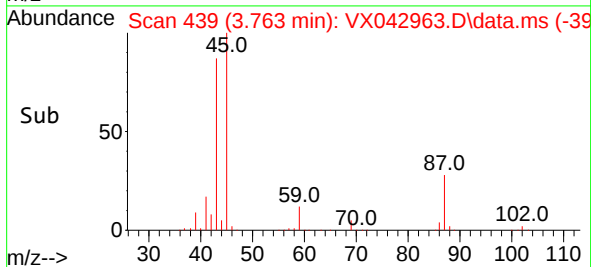
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

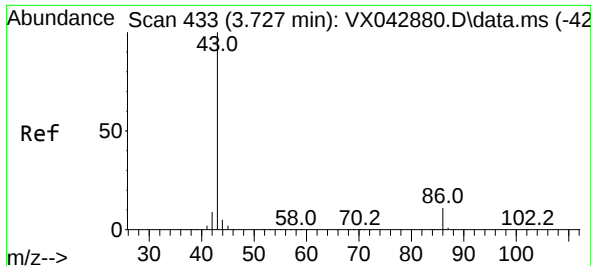


#22
Diisopropyl ether
Concen: 51.849 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35



Tgt Ion: 45 Resp: 438015
Ion Ratio Lower Upper
45 100
43 87.0 69.7 104.5
87 27.7 20.8 31.2
59 11.9 9.0 13.4





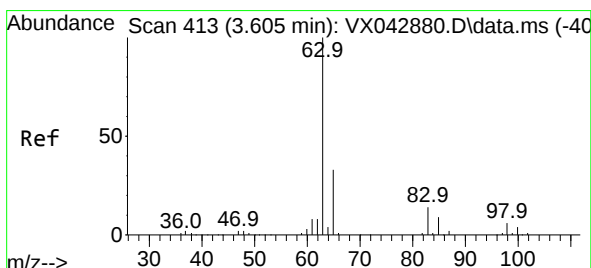
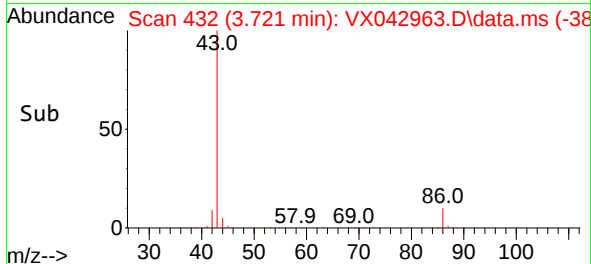
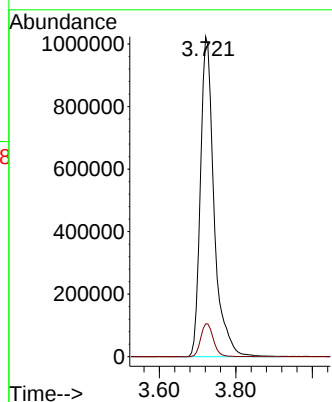
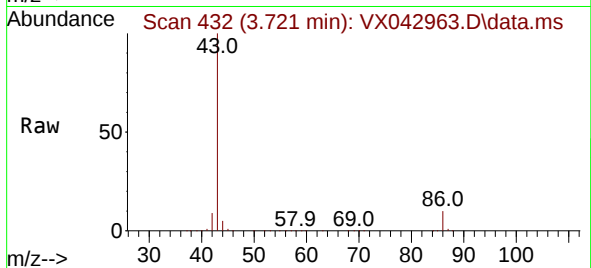
#23
 Vinyl Acetate
 Concen: 264.011 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX042963.D
 Acq: 09 Aug 2024 00:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 253132
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

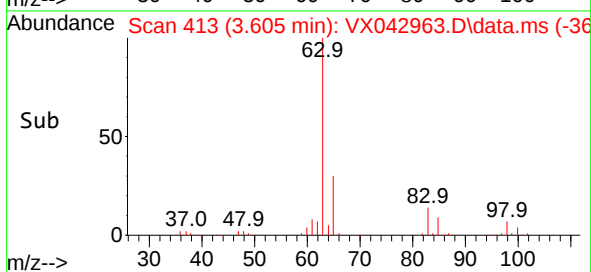
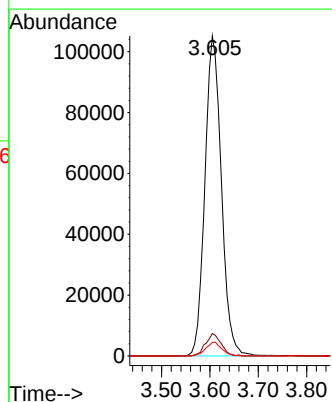
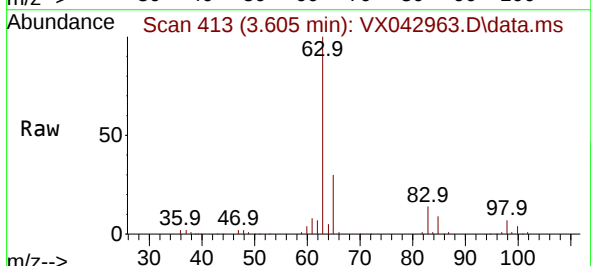
Manual Integrations
 APPROVED

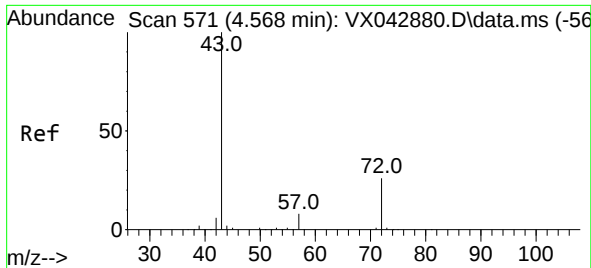
Reviewed By :John Carlone 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024



#24
 1,1-Dichloroethane
 Concen: 51.231 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042963.D
 Acq: 09 Aug 2024 00:35

Tgt Ion: 63 Resp: 248910
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.2 2.1 6.5





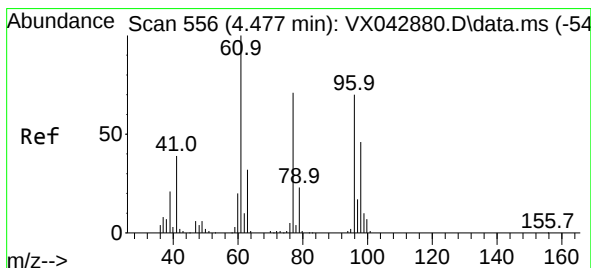
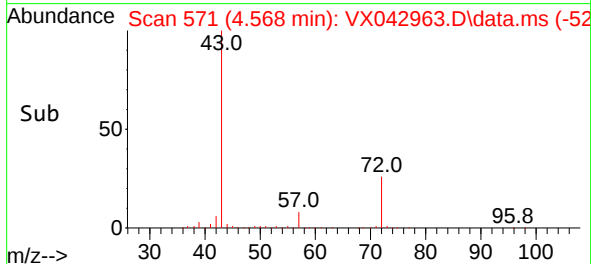
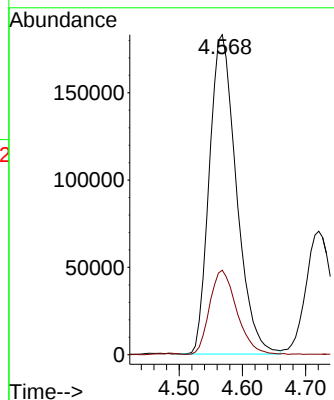
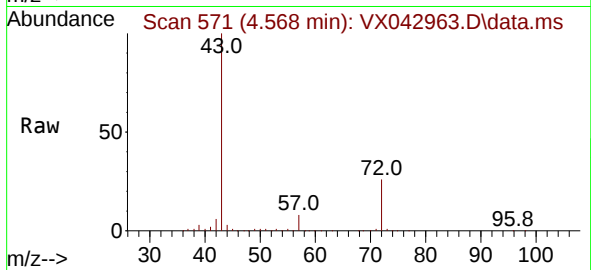
#25
2-Butanone
Concen: 251.832 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 54372
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

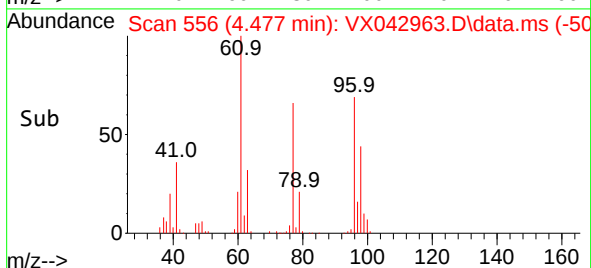
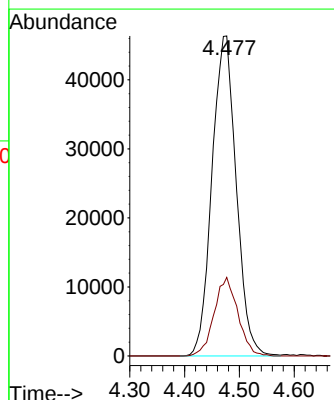
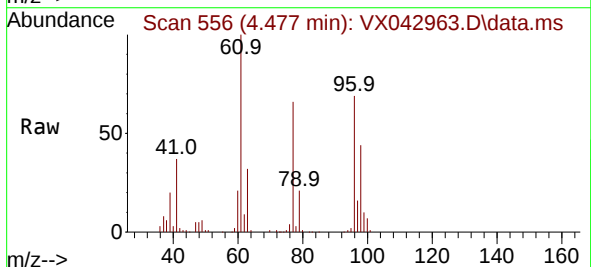
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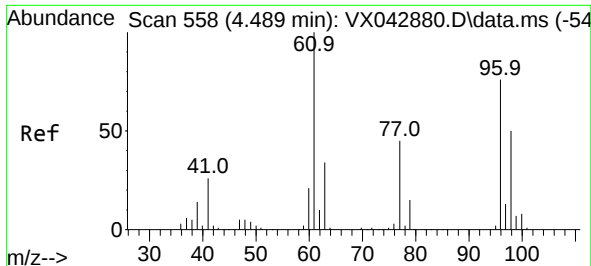
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#26
2,2-Dichloropropane
Concen: 47.710 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 77 Resp: 142503
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.881 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 154500

Ion Ratio Lower Upper

96 100

61 139.6 0.0 312.2

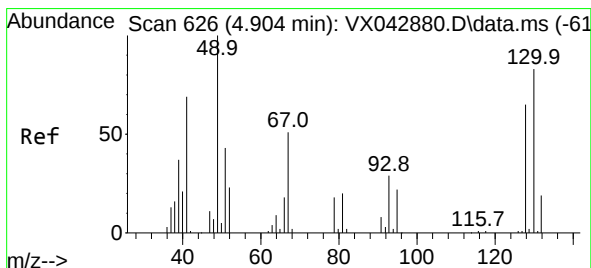
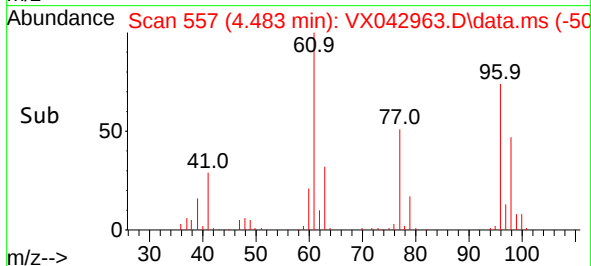
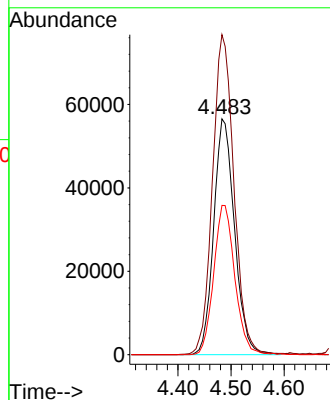
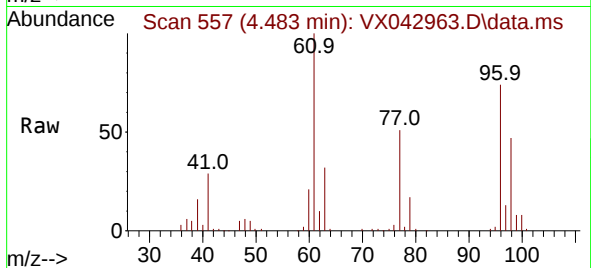
98 64.2 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#28

Bromochloromethane

Concen: 46.191 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

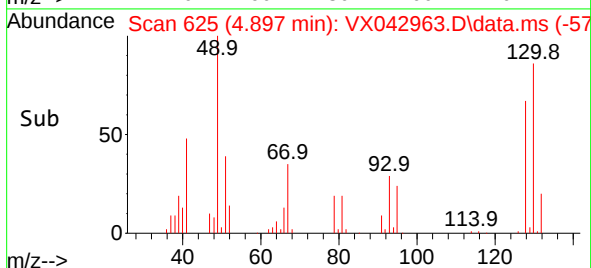
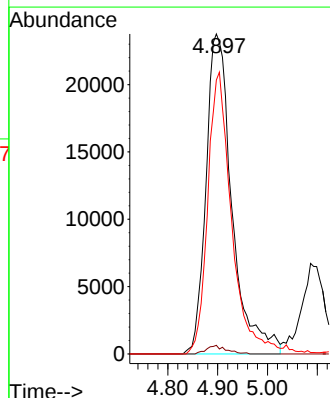
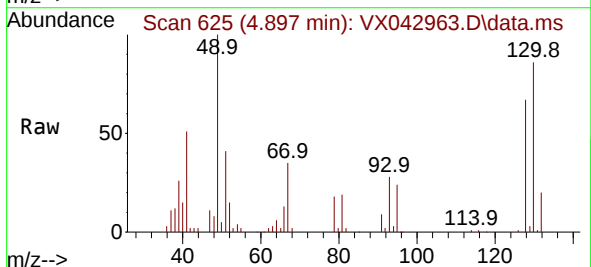
Tgt Ion: 49 Resp: 86114

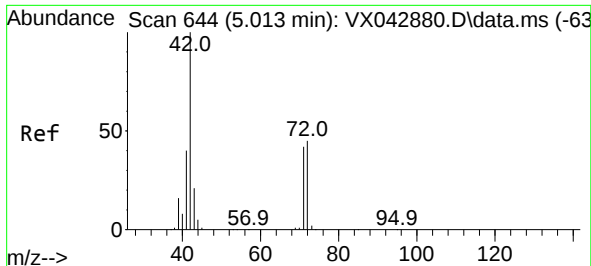
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 80.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 246.162 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

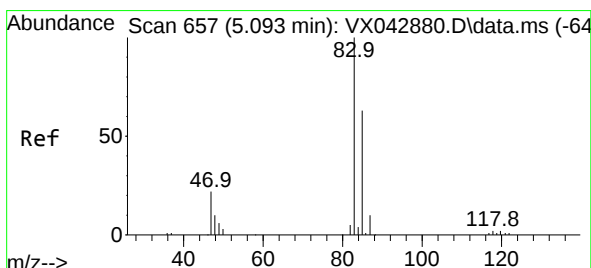
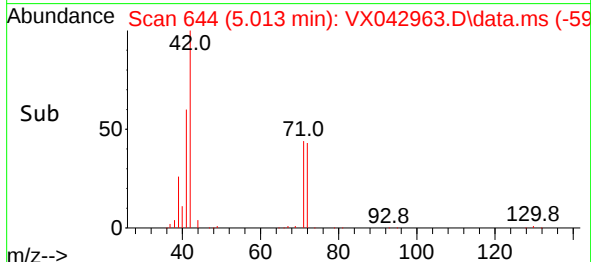
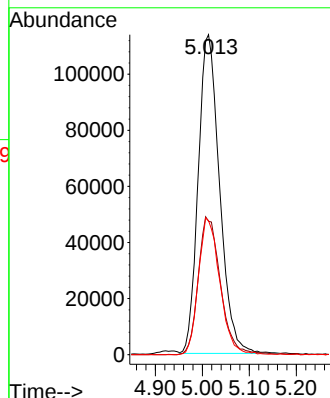
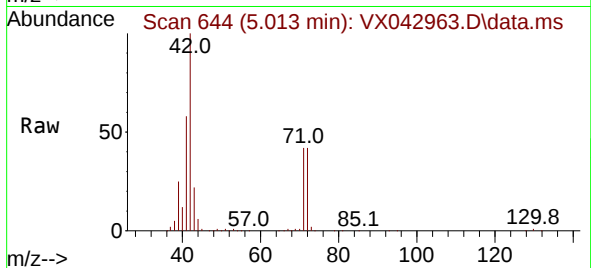
Tgt Ion: 42 Resp: 359145
 Ion Ratio Lower Upper
 42 100
 72 45.1 34.2 51.4
 71 43.1 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#30

Chloroform

Concen: 50.475 ug/l

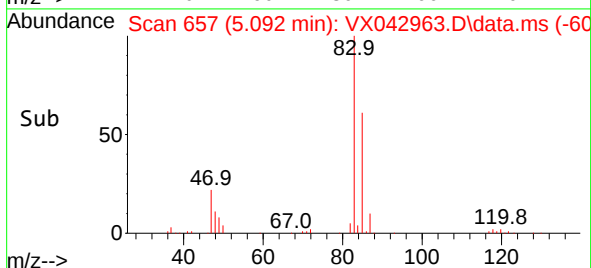
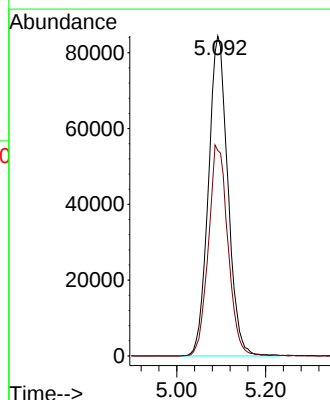
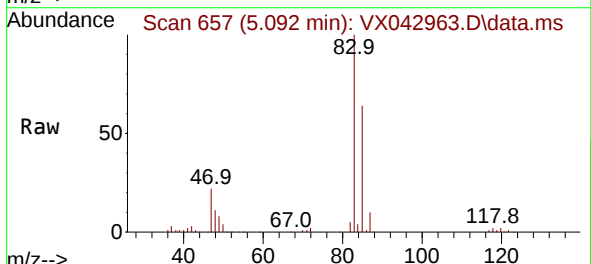
RT: 5.092 min Scan# 657

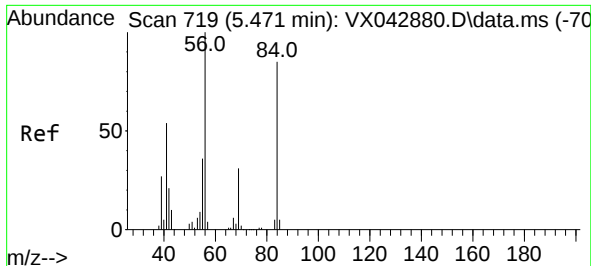
Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

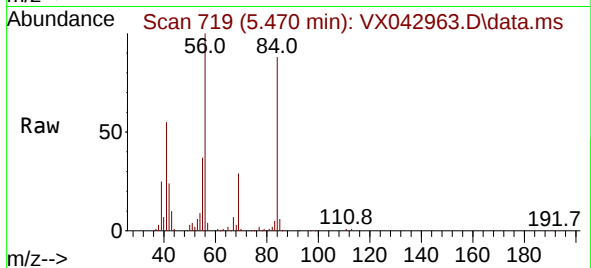
Tgt Ion: 83 Resp: 256730
 Ion Ratio Lower Upper
 83 100
 85 64.2 50.3 75.5





#31
Cyclohexane
Concen: 50.711 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

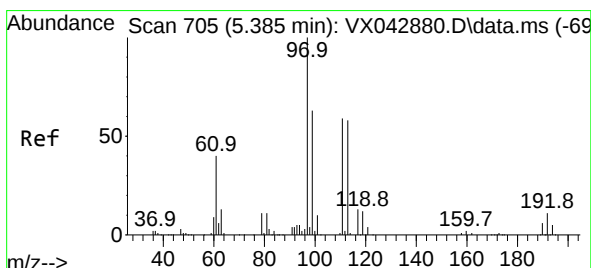
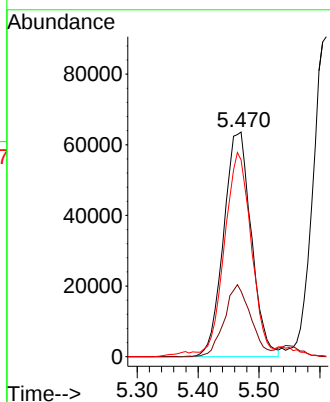
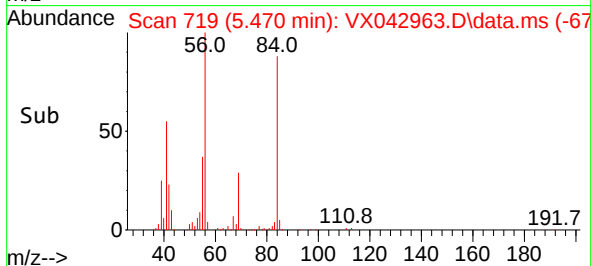
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20112
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 86.2 65.9 98.9

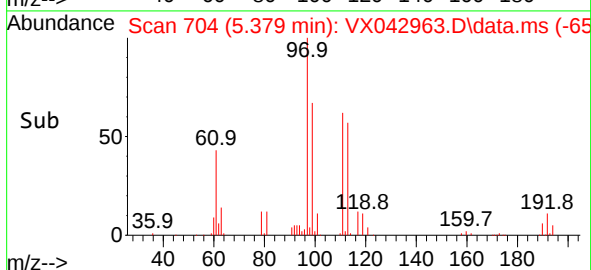
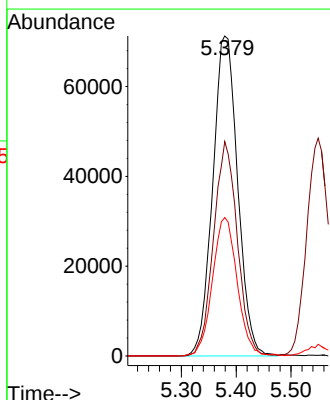
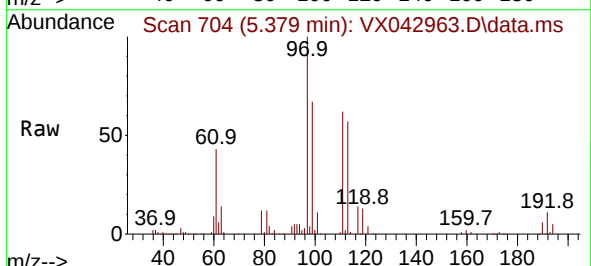
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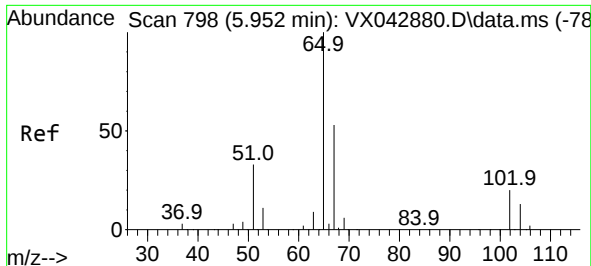
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#32
1,1,1-Trichloroethane
Concen: 50.380 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 97 Resp: 225582
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 43.0 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 52.222 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

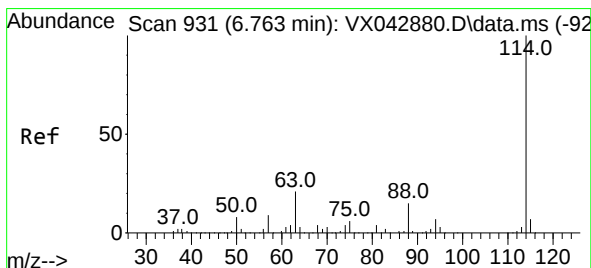
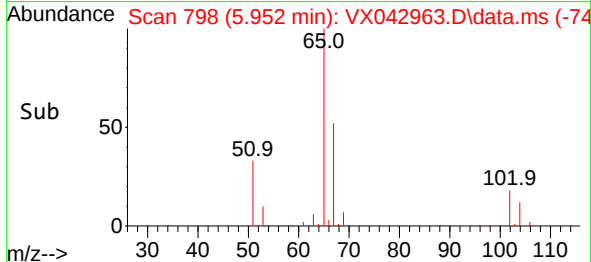
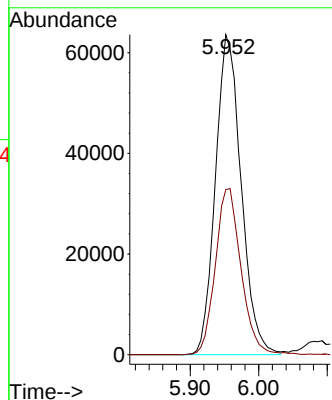
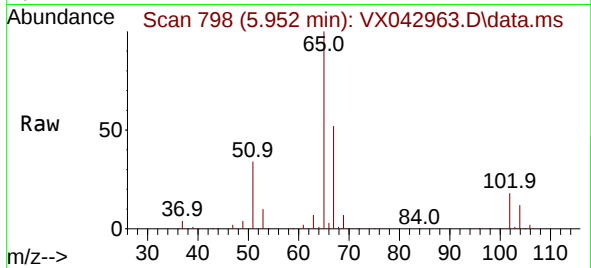
Tgt Ion: 65 Resp: 165530
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

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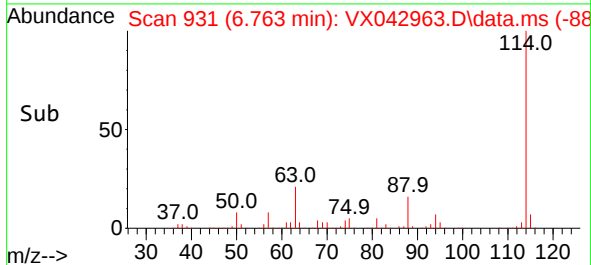
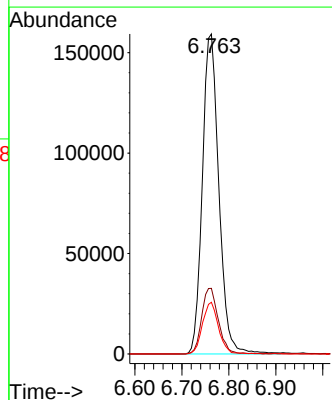
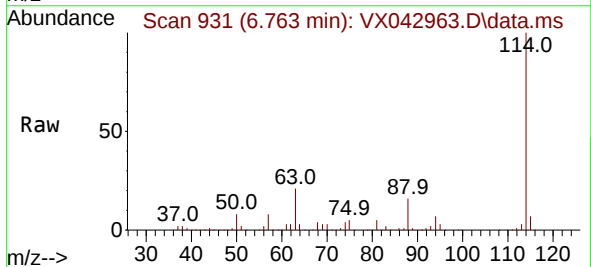
Reviewed By :John Carlone 08/09/2024

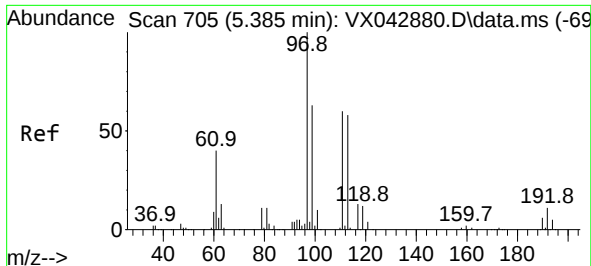
Supervised By :Mahesh Dadoda 08/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:114 Resp: 388392
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.503 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX042963.D

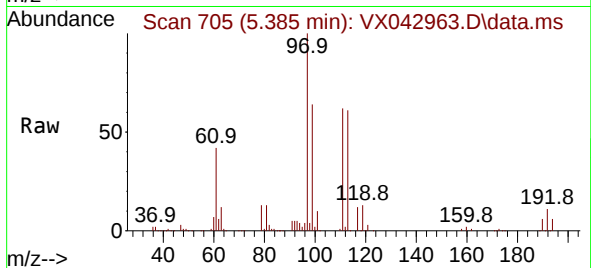
Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



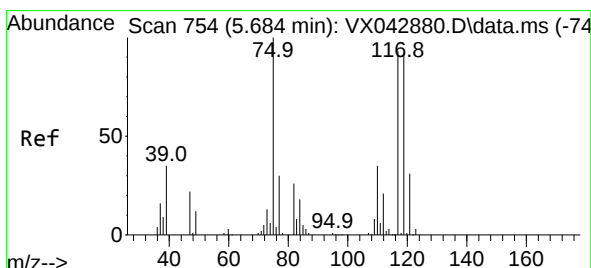
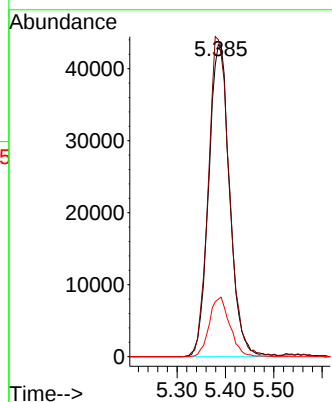
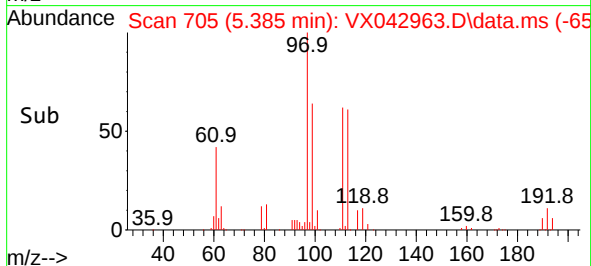
Tgt Ion:	113	Resp:	130792
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.7	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#36

1,1-Dichloropropene

Concen: 48.696 ug/l

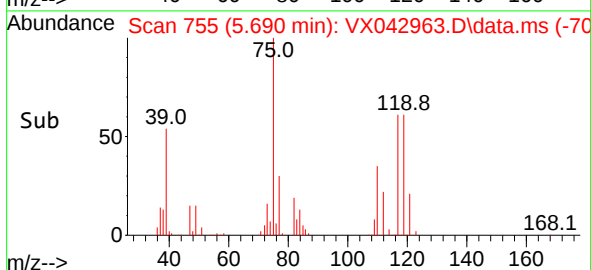
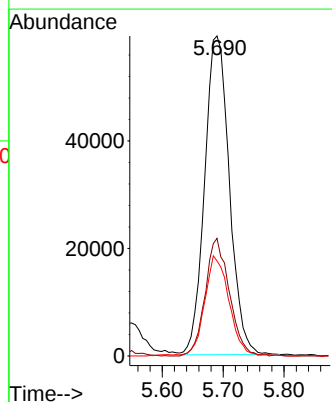
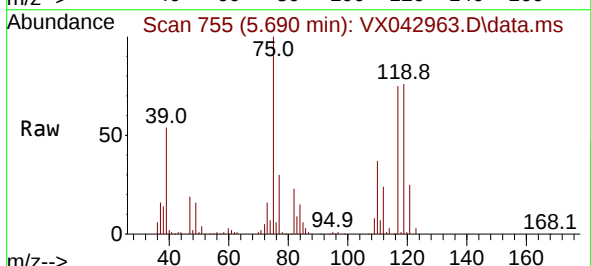
RT: 5.690 min Scan# 755

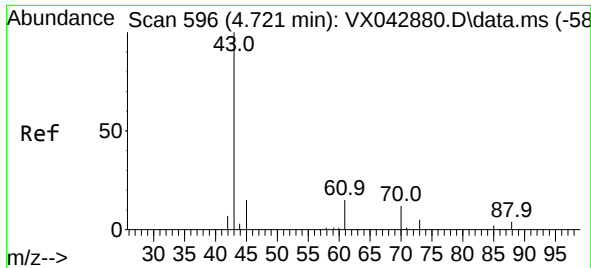
Delta R.T. 0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

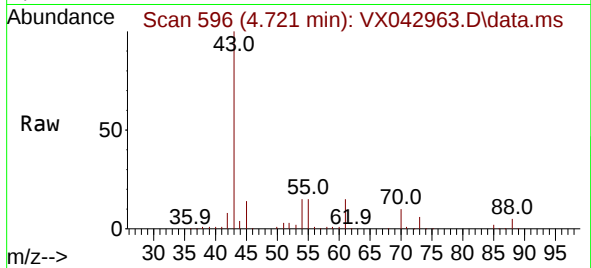
Tgt Ion:	75	Resp:	167663
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.0	50.9
77	29.8	24.7	37.1





#37
Ethyl Acetate
Concen: 49.634 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

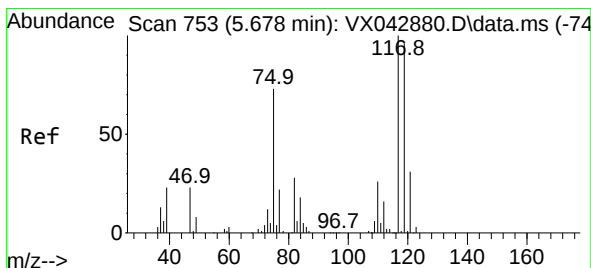
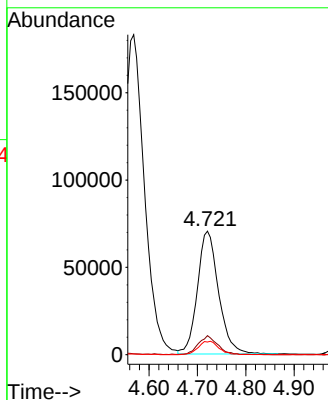
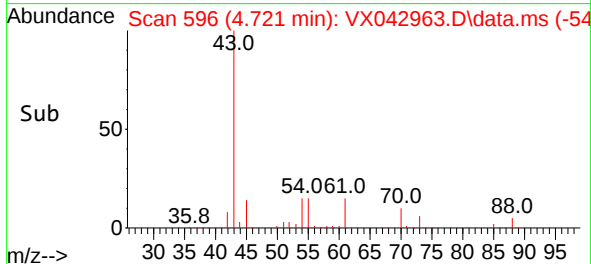
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 213810
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.6 8.3 12.5

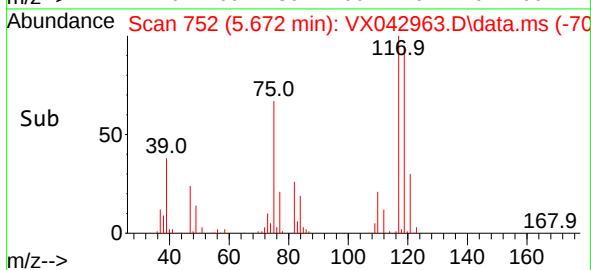
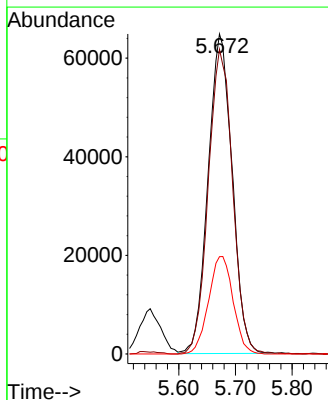
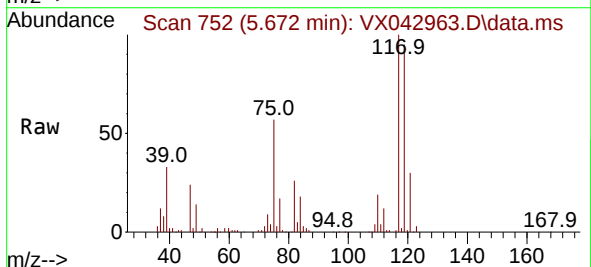
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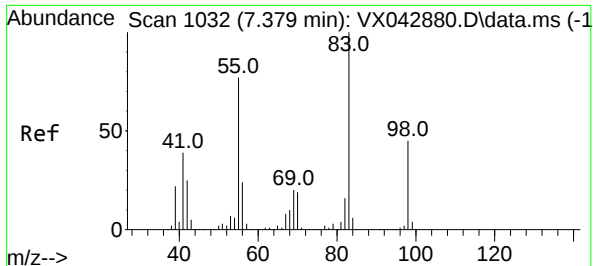
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#38
Carbon Tetrachloride
Concen: 49.208 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:117 Resp: 191253
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 50.855 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20814

Ion Ratio Lower Upper

83 100

55 76.7 64.6 97.0

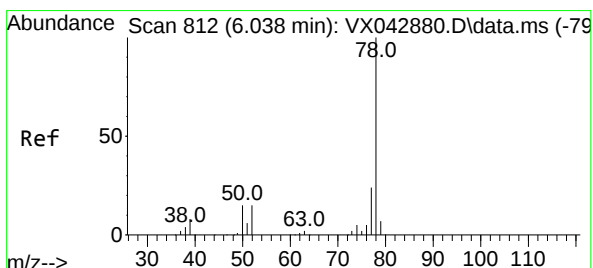
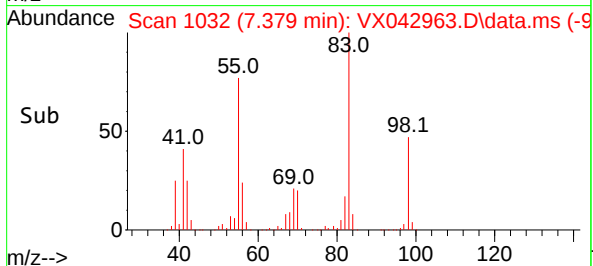
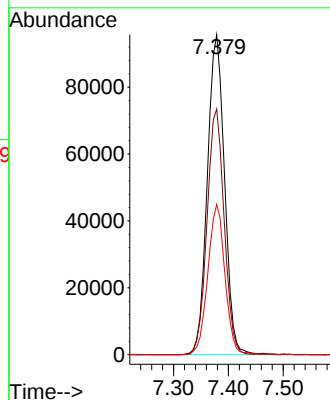
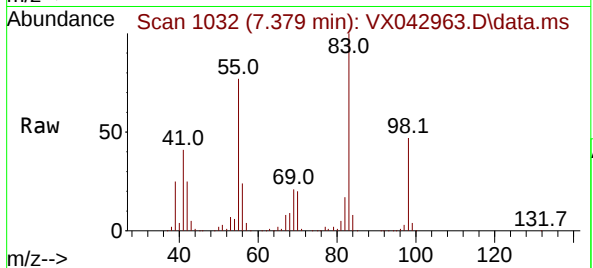
98 46.9 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#40

Benzene

Concen: 50.585 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX042963.D

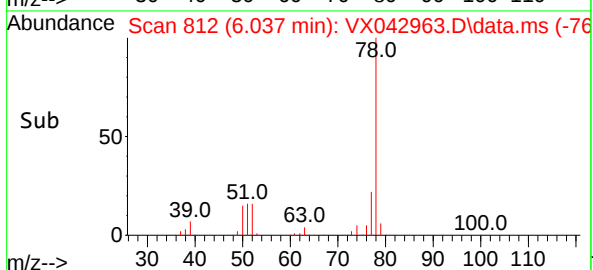
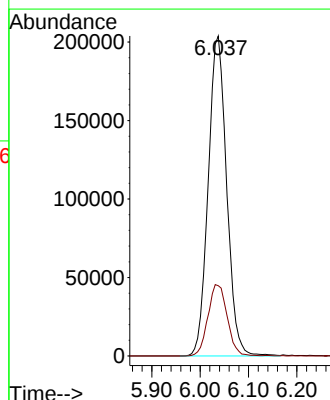
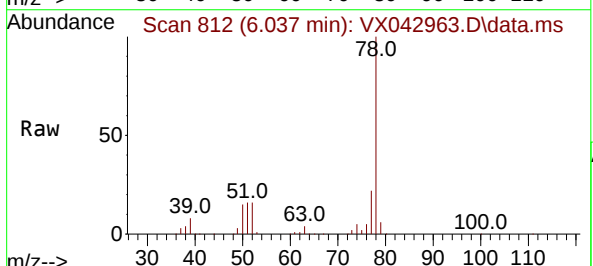
Acq: 09 Aug 2024 00:35

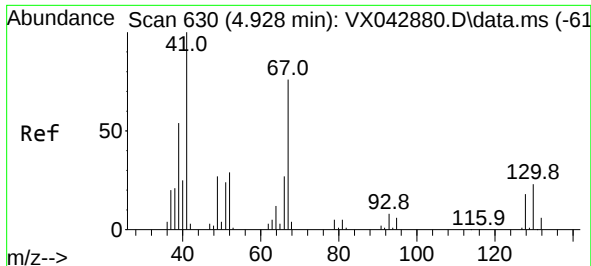
Tgt Ion: 78 Resp: 540540

Ion Ratio Lower Upper

78 100

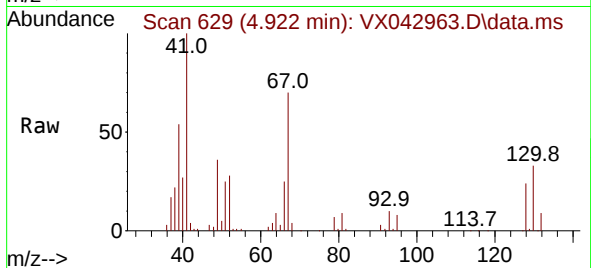
77 22.0 19.3 28.9





#41
Methacrylonitrile
Concen: 53.074 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

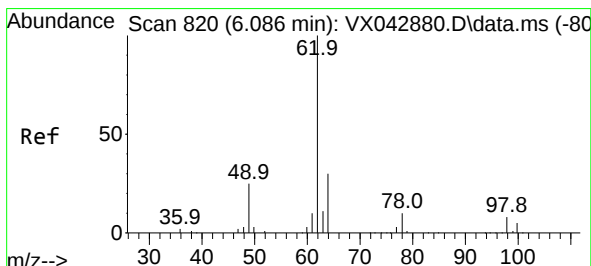
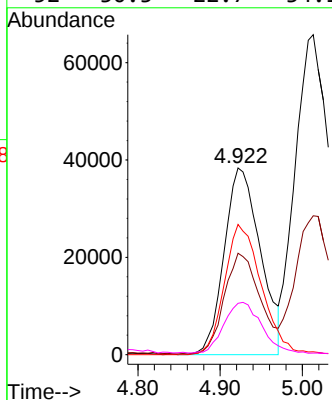
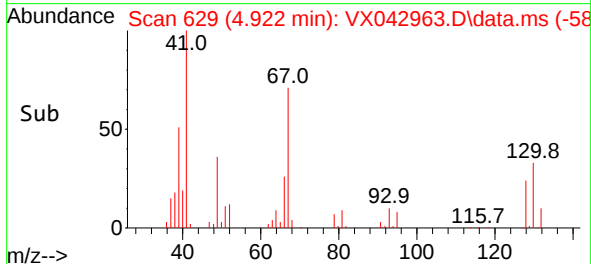
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11776
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 71.6 52.6 78.8
52 30.3 22.7 34.1

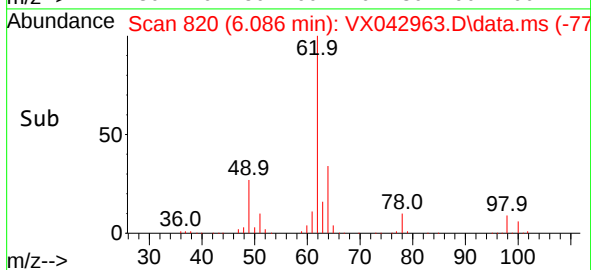
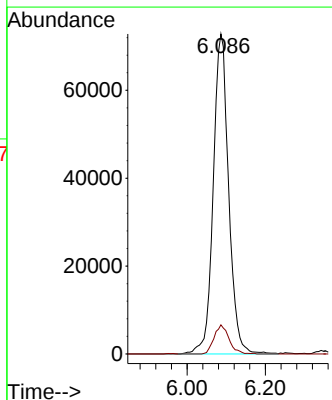
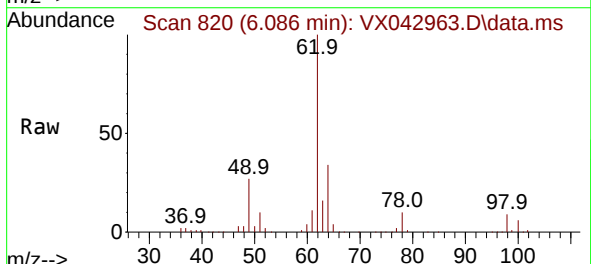
Manual Integrations
APPROVED

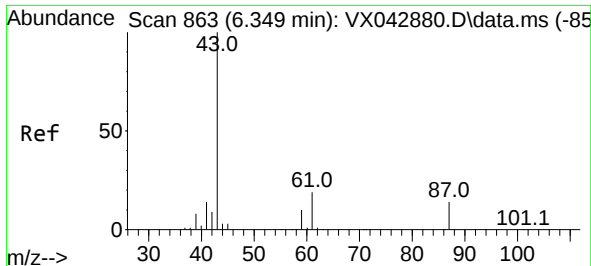
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#42
1,2-Dichloroethane
Concen: 51.118 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 62 Resp: 198686
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.810 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

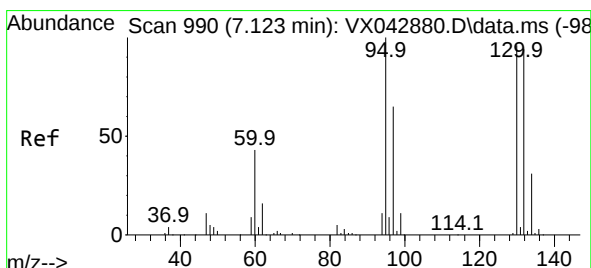
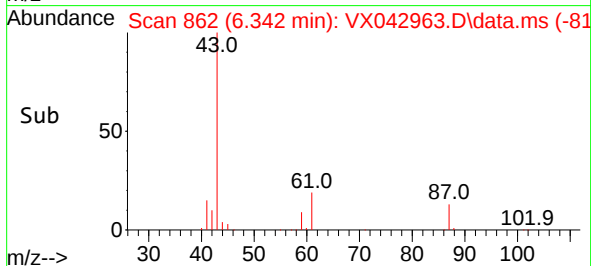
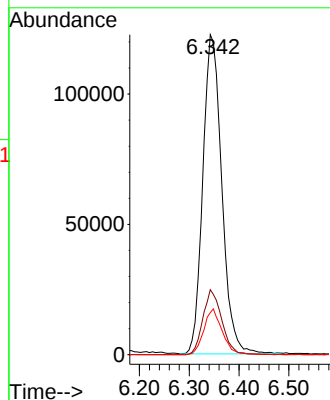
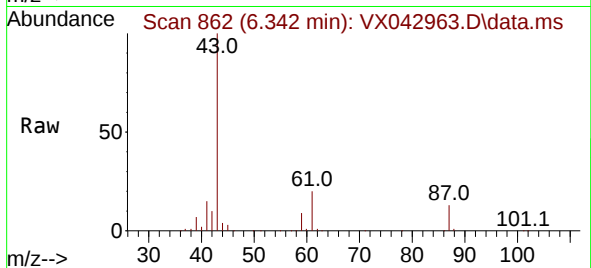
Tgt Ion:	43	Resp:	323700
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	13.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#44

Trichloroethene

Concen: 48.418 ug/l

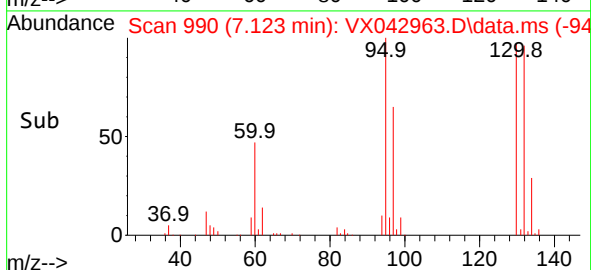
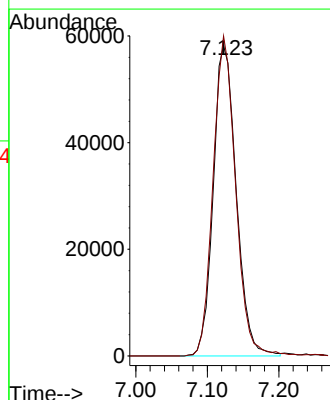
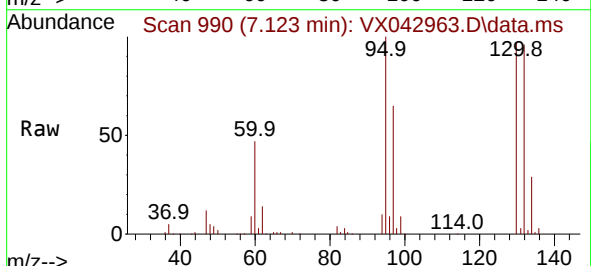
RT: 7.123 min Scan# 990

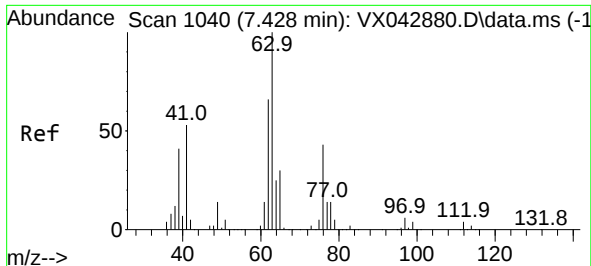
Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Tgt Ion:	130	Resp:	130004
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.081 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13575

Ion Ratio Lower Upper

63 100

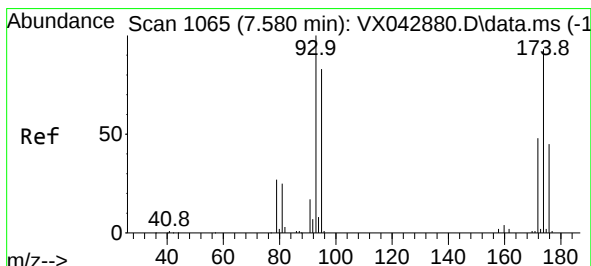
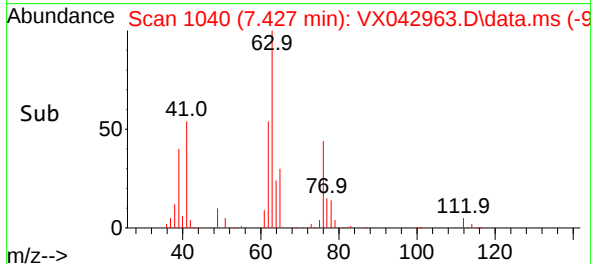
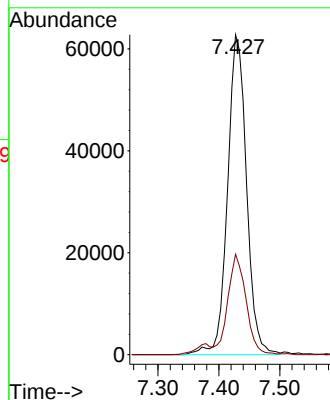
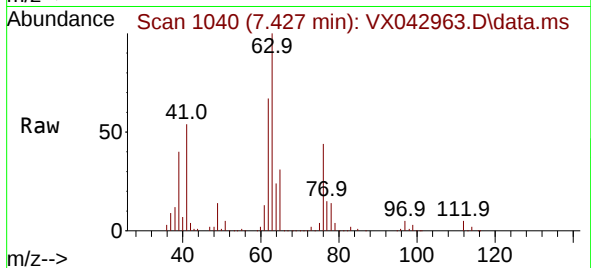
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#46

Dibromomethane

Concen: 49.504 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

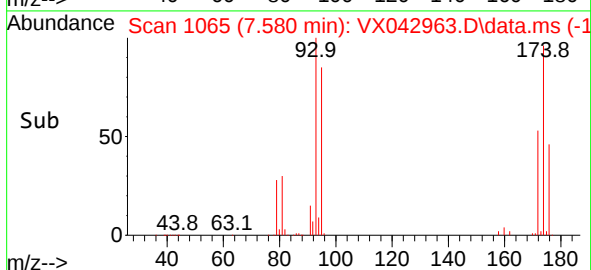
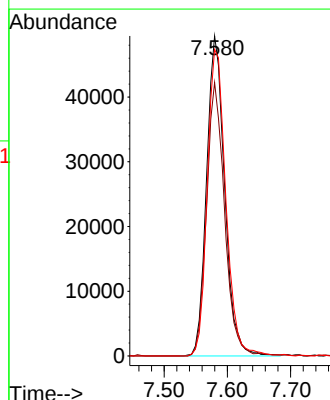
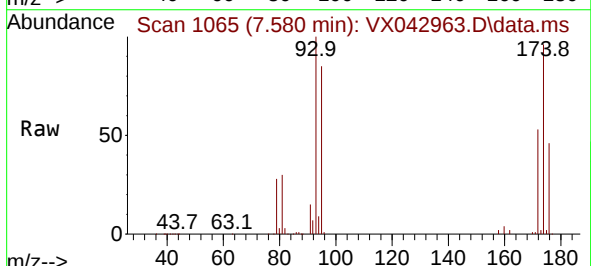
Tgt Ion: 93 Resp: 98555

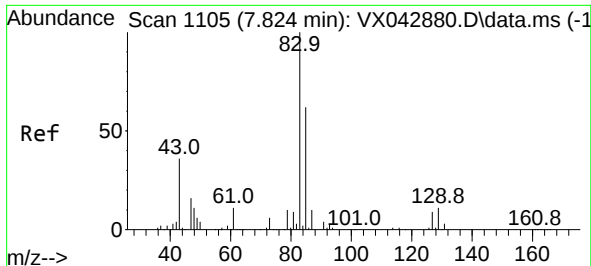
Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

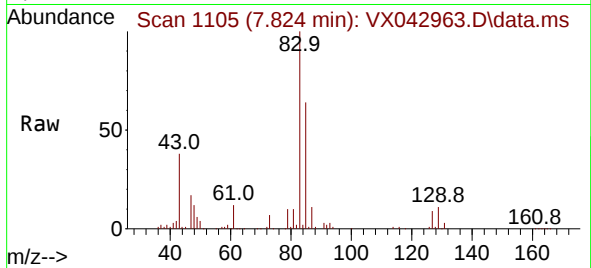
174 98.3 69.4 104.0





#47
Bromodichloromethane
Concen: 51.613 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

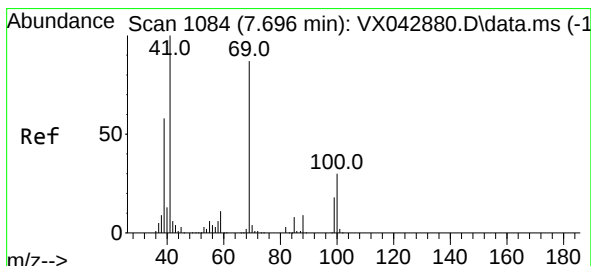
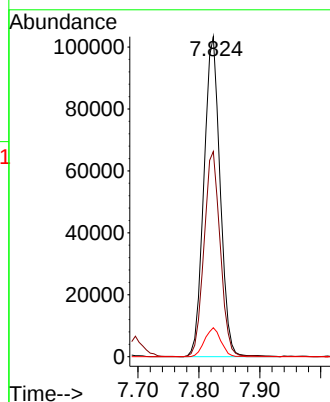
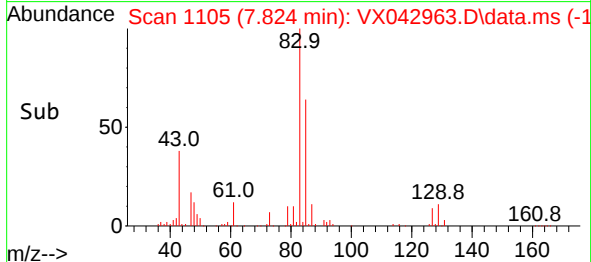
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19088
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.1 7.1 10.7

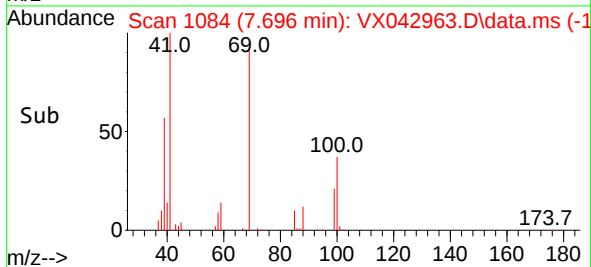
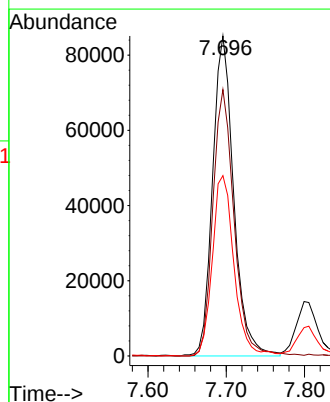
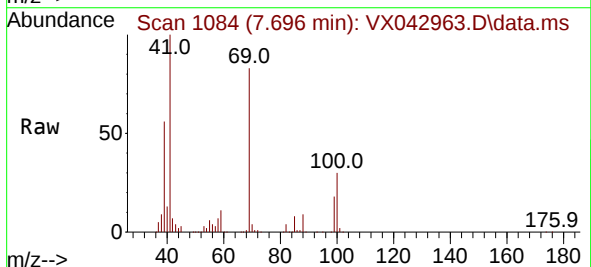
Manual Integrations
APPROVED

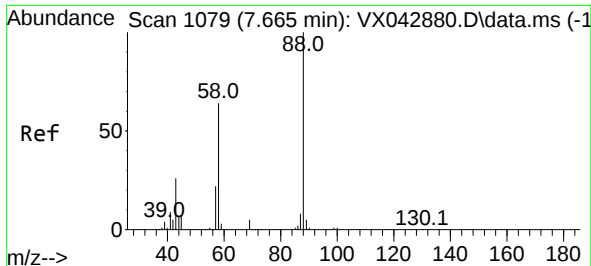
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#48
Methyl methacrylate
Concen: 52.200 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 41 Resp: 159465
Ion Ratio Lower Upper
41 100
69 83.5 59.2 88.8
39 57.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1053.240 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

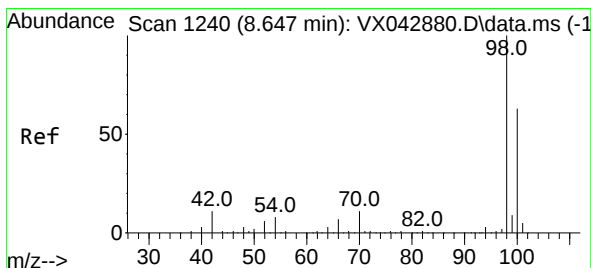
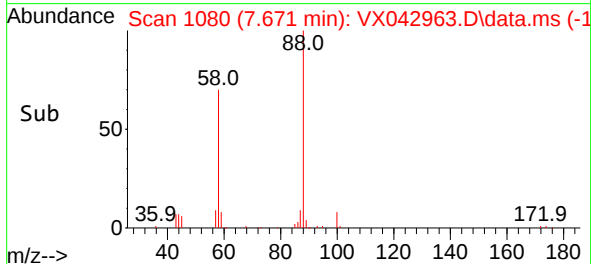
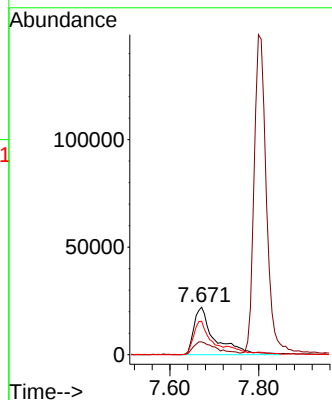
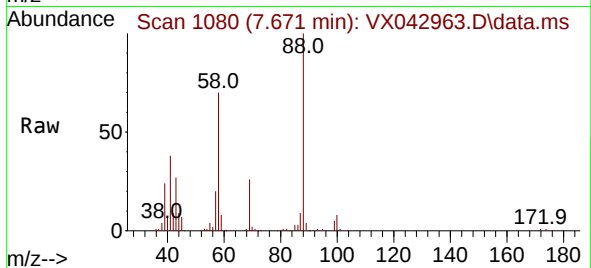
Tgt Ion: 88 Resp: 71425
 Ion Ratio Lower Upper
 88 100
 43 30.1 0.0 0.0
 58 55.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#50

Toluene-d8

Concen: 50.424 ug/l

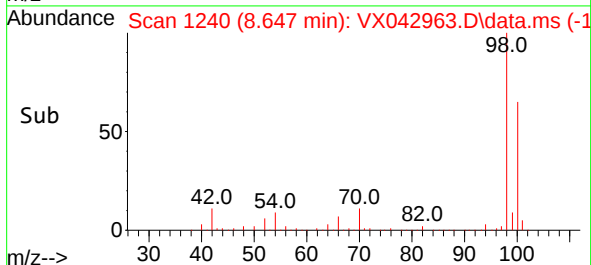
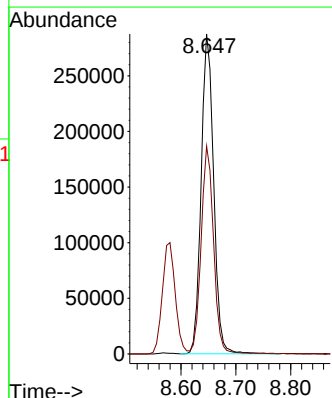
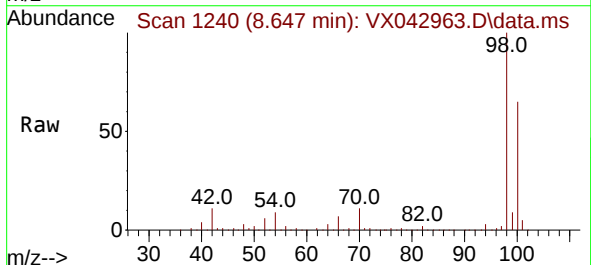
RT: 8.647 min Scan# 1240

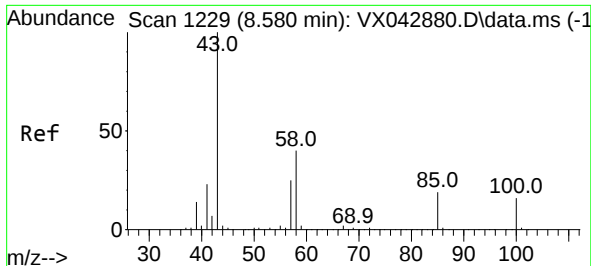
Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Tgt Ion: 98 Resp: 454584
 Ion Ratio Lower Upper
 98 100
 100 64.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 256.900 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1096319

Ion Ratio Lower Upper

43 100

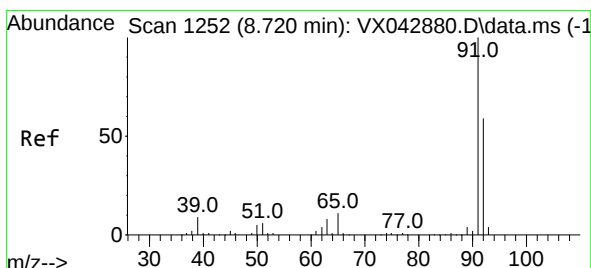
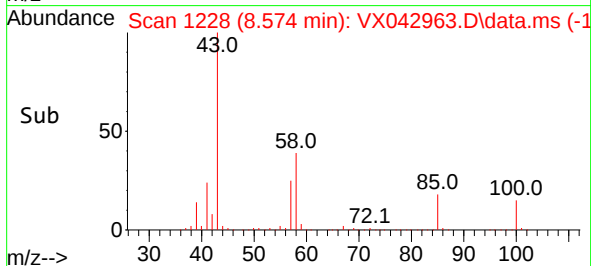
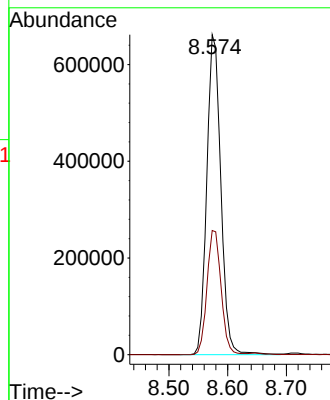
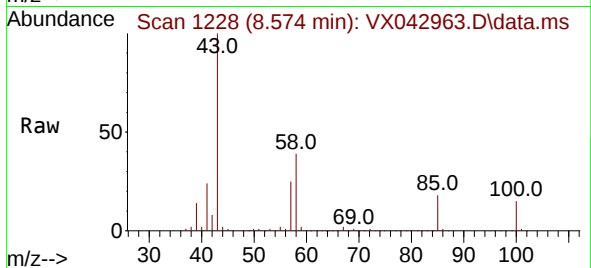
58 39.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#52

Toluene

Concen: 50.970 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042963.D

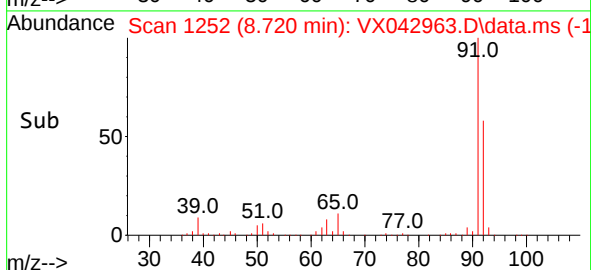
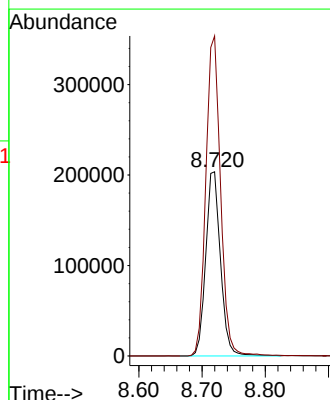
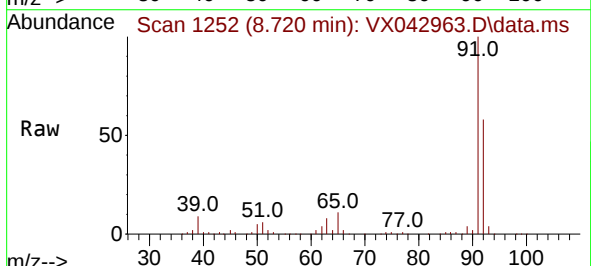
Acq: 09 Aug 2024 00:35

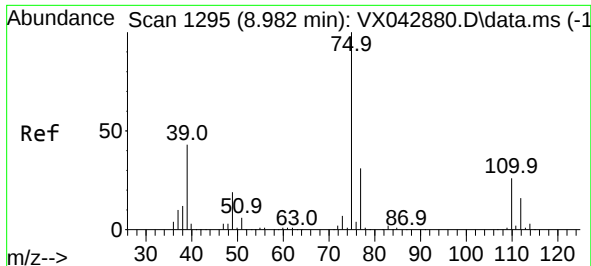
Tgt Ion: 92 Resp: 330378

Ion Ratio Lower Upper

92 100

91 174.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.925 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 177518

Ion Ratio Lower Upper

75 100

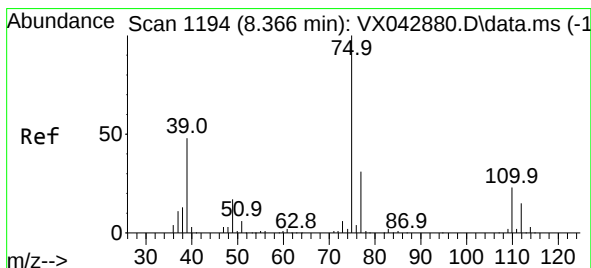
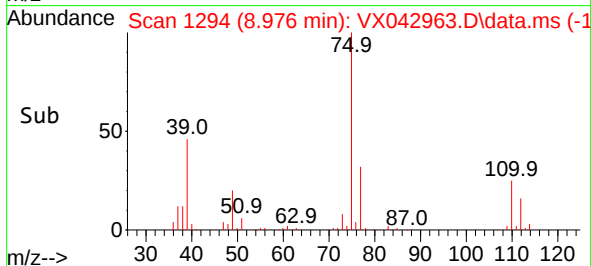
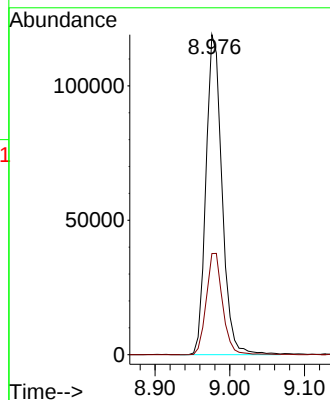
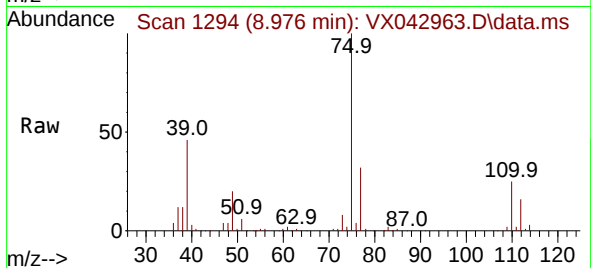
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#54

cis-1,3-Dichloropropene

Concen: 51.987 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

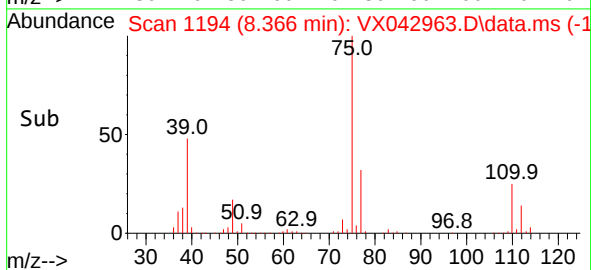
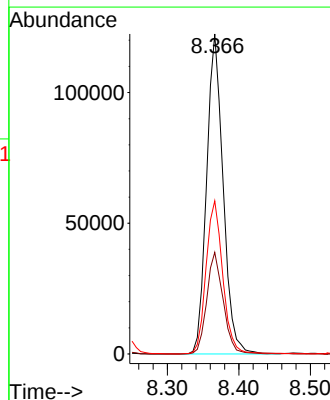
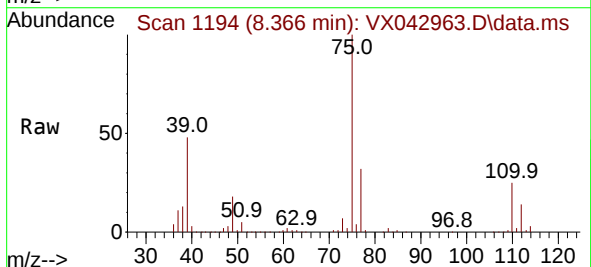
Tgt Ion: 75 Resp: 196284

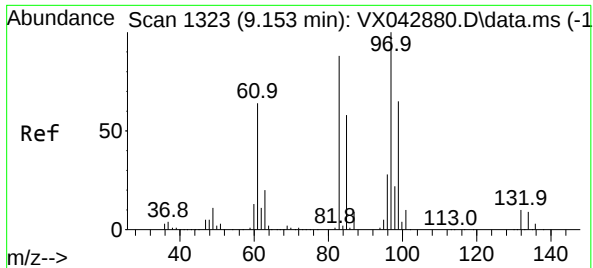
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 47.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.514 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

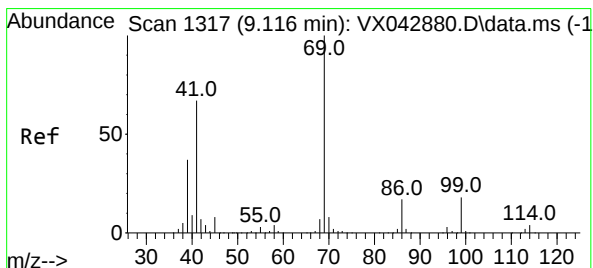
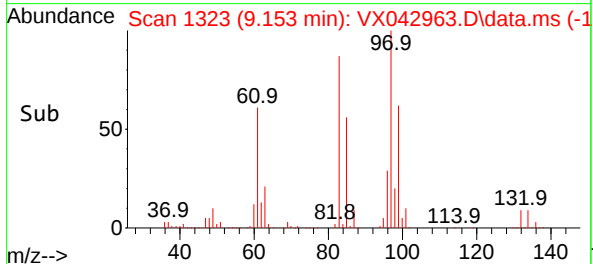
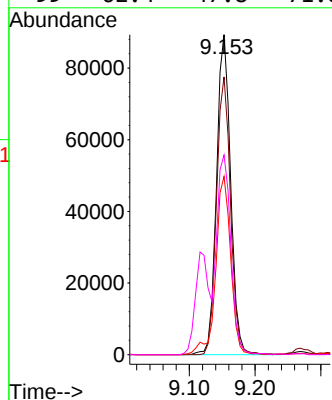
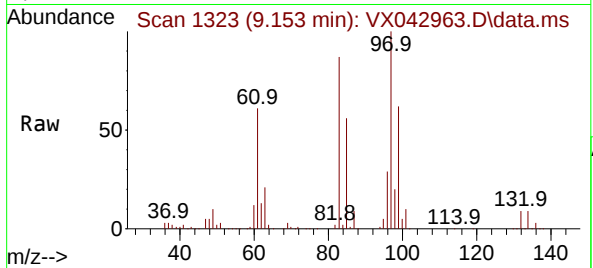
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.8	98.8
85	55.7	41.6	62.4
99	62.4	47.8	71.8

Manual Integrations

APPROVED

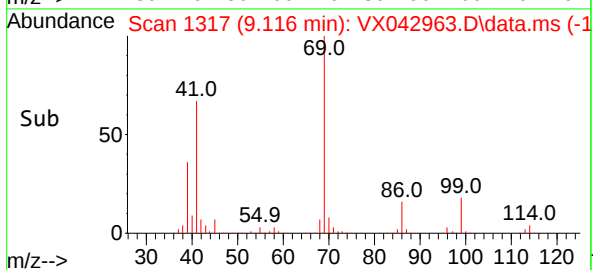
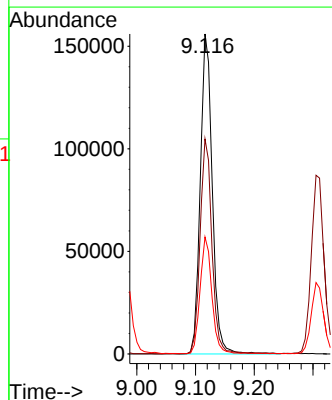
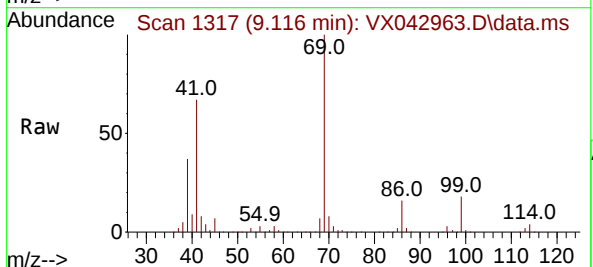
Reviewed By :John Carlone 08/09/2024

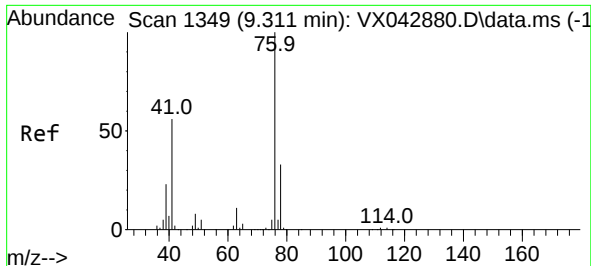
Supervised By :Mahesh Dadoda 08/09/2024



#56
Ethyl methacrylate
Concen: 52.139 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

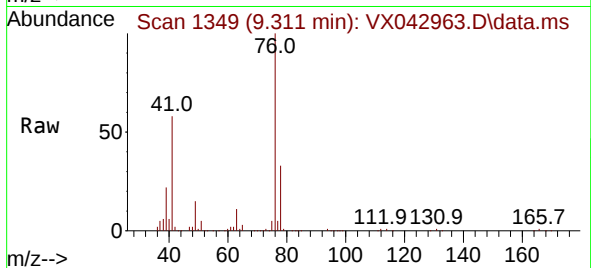
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.8	85.2
39	35.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 51.309 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

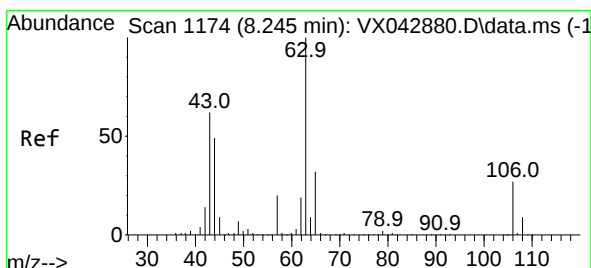
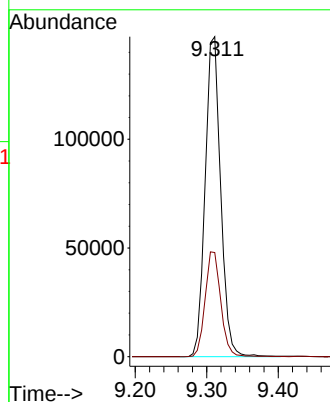
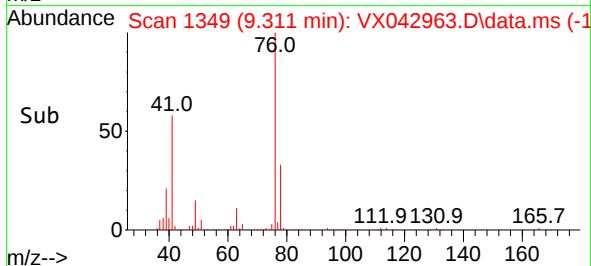
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 22148
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

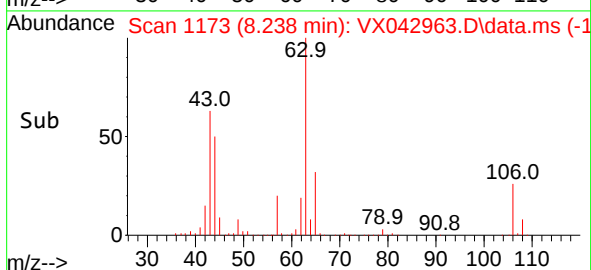
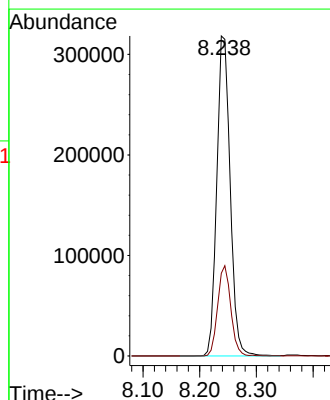
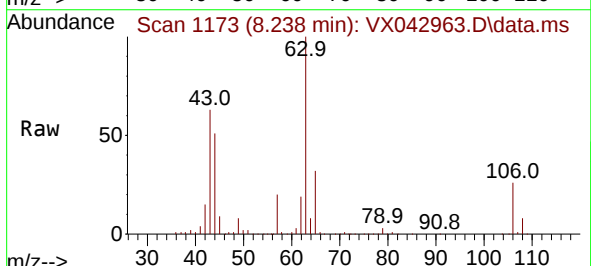
Manual Integrations
APPROVED

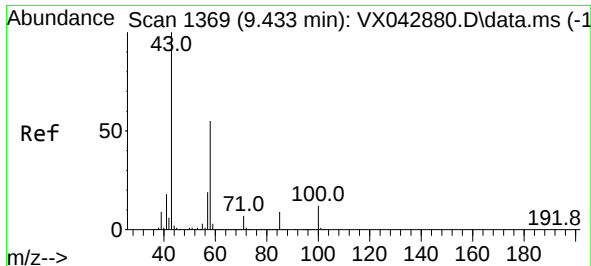
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 260.423 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

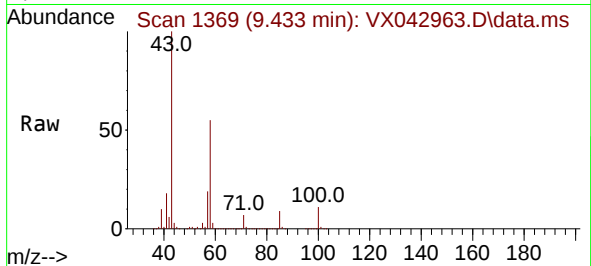
Tgt Ion: 63 Resp: 520447
Ion Ratio Lower Upper
63 100
106 27.7 22.5 33.7





#59
2-Hexanone
Concen: 257.430 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

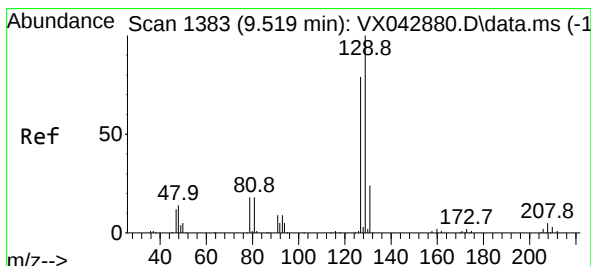
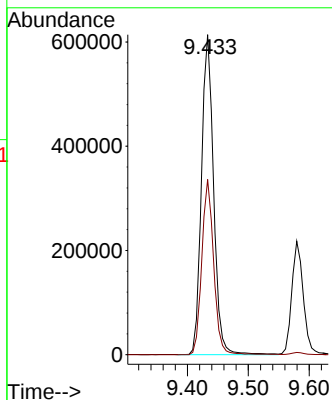
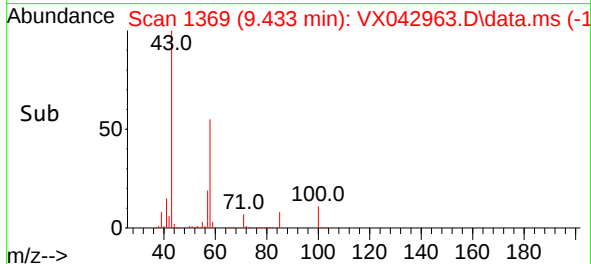
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85125
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5

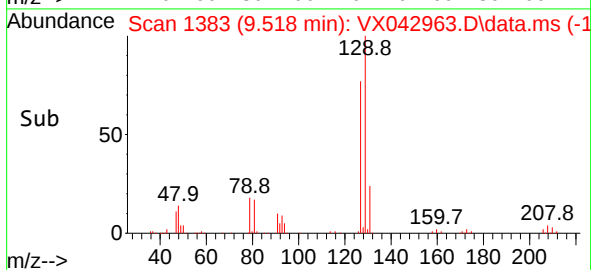
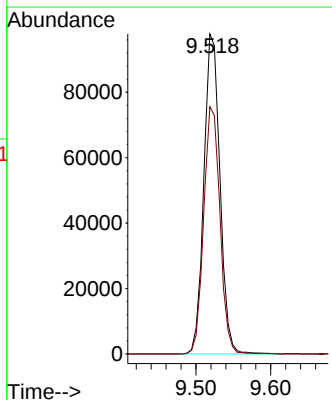
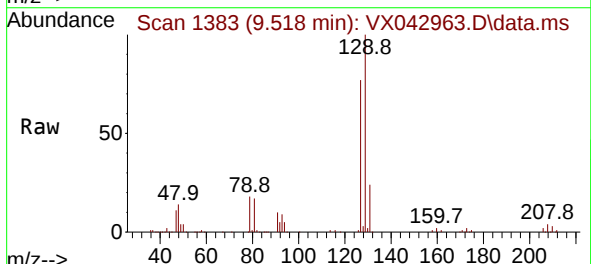
Manual Integrations
APPROVED

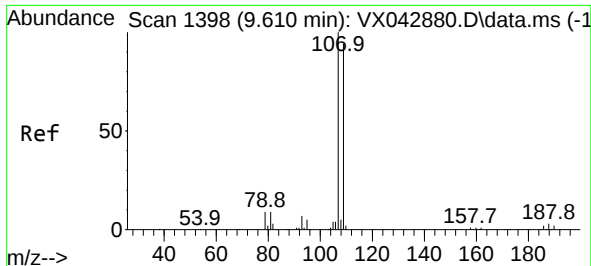
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#60
Dibromochloromethane
Concen: 50.426 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

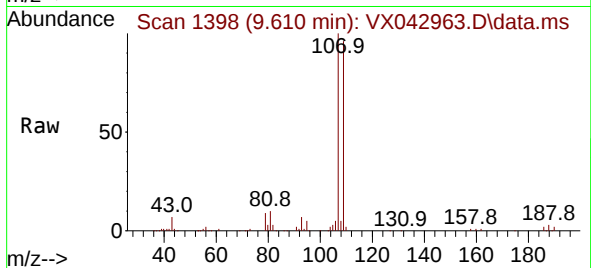
Tgt Ion:129 Resp: 145965
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.874 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

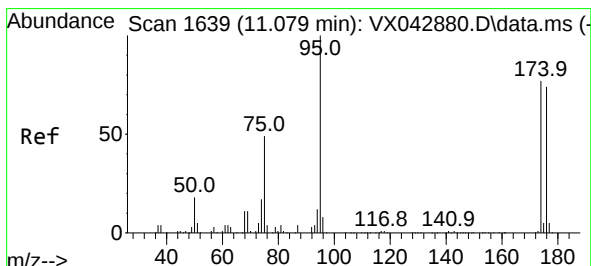
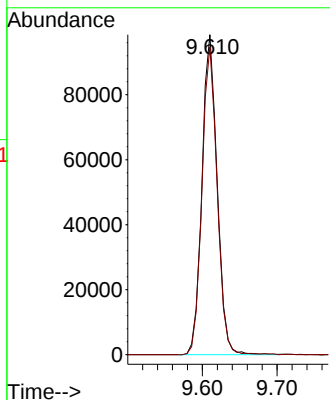
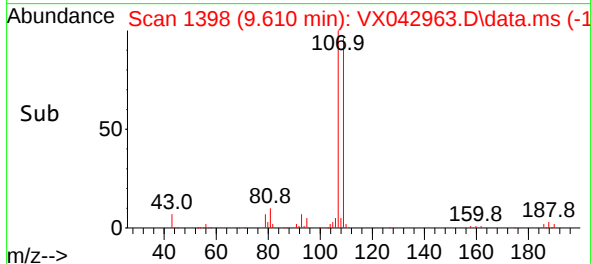
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



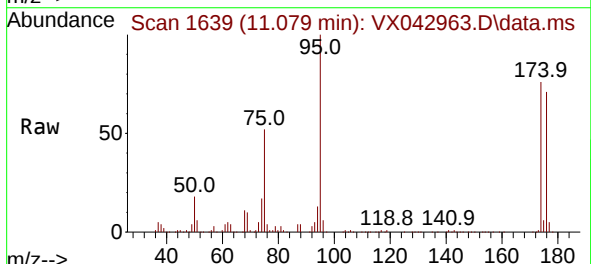
Tgt Ion:107 Resp: 138850
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

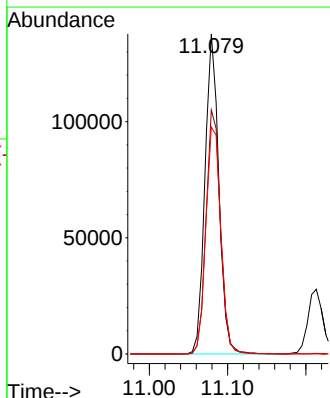
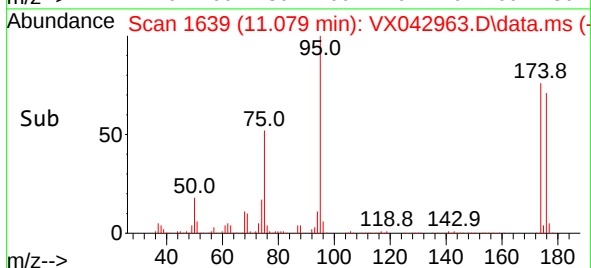
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

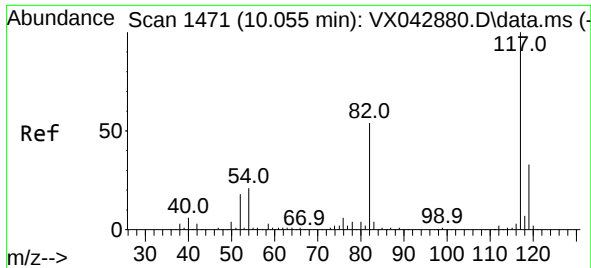


#62
4-Bromofluorobenzene
Concen: 52.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35



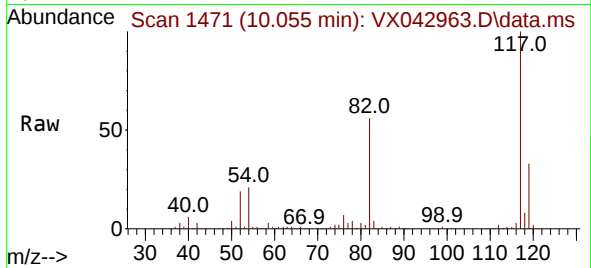
Tgt Ion: 95 Resp: 169054
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 76.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

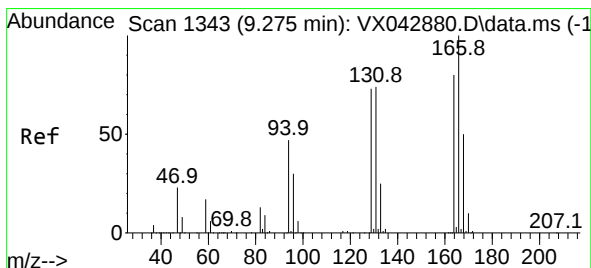
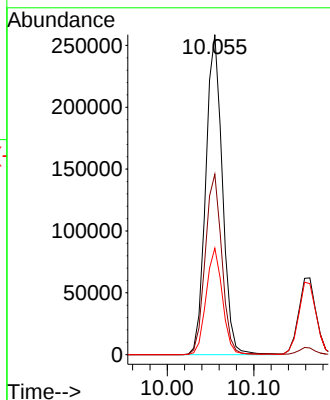
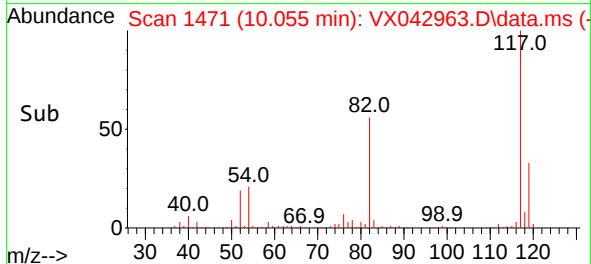
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 344983
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 33.3 25.5 38.3

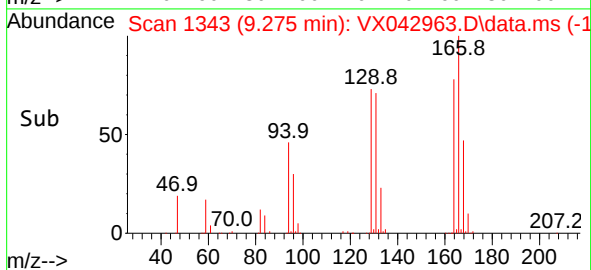
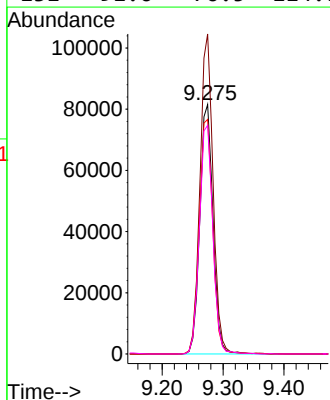
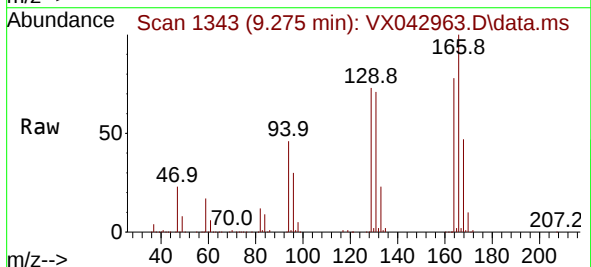
Manual Integrations
APPROVED

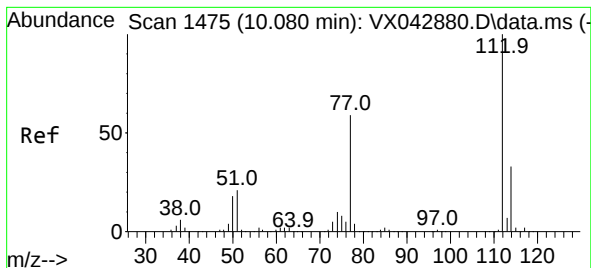
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#64
Tetrachloroethene
Concen: 50.990 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

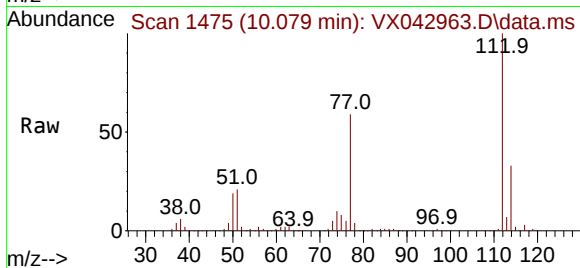
Tgt Ion:164 Resp: 122311
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 94.0 80.4 120.6
131 91.6 76.5 114.7





#65
Chlorobenzene
Concen: 49.645 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

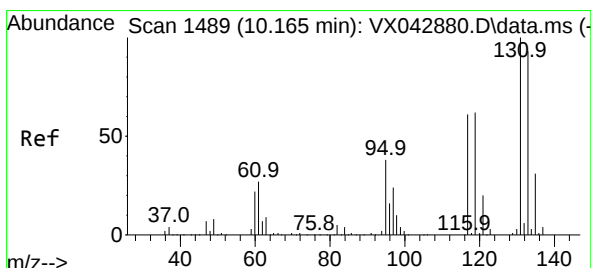
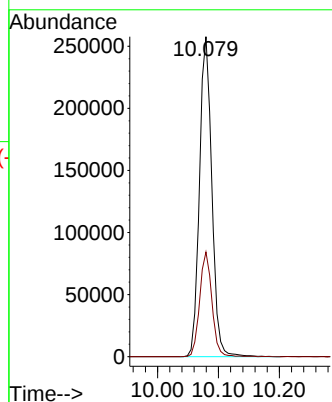
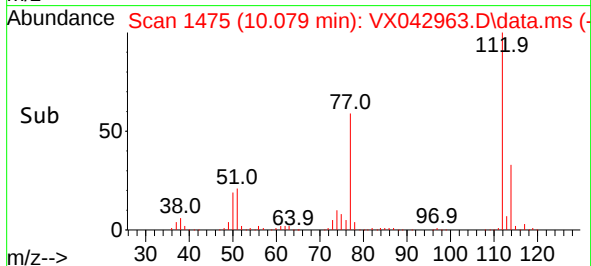
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



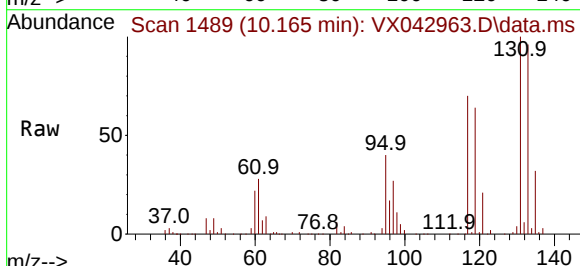
Tgt Ion:112 Resp: 363438
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

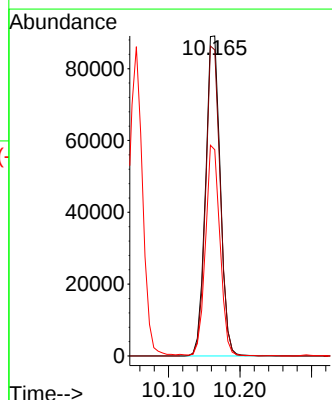
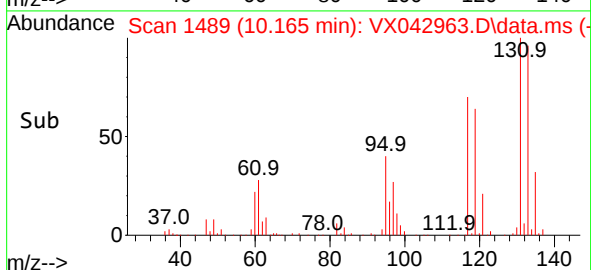
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

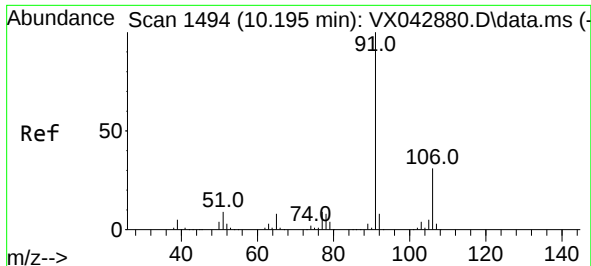


#66
1,1,1,2-Tetrachloroethane
Concen: 50.542 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35



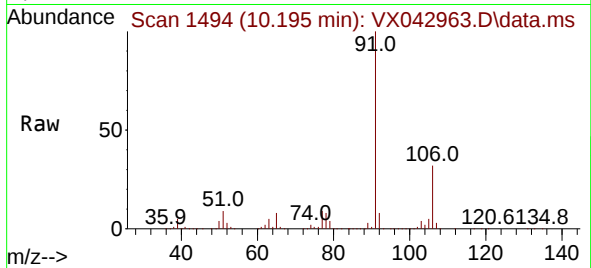
Tgt Ion:131 Resp: 127582
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 64.5 32.2 96.6





#67
Ethyl Benzene
Concen: 50.967 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

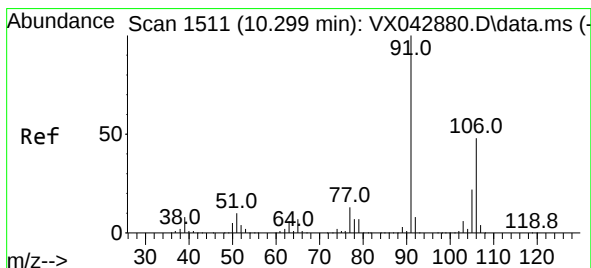
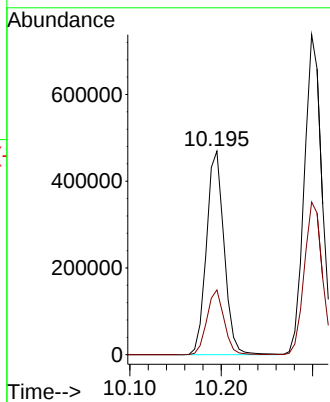
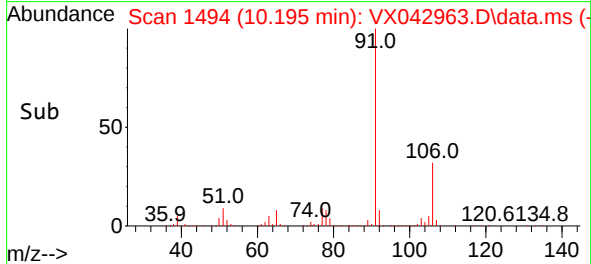
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 627608
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

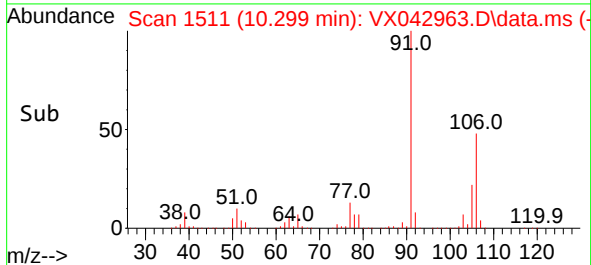
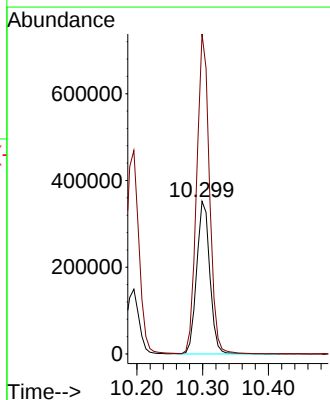
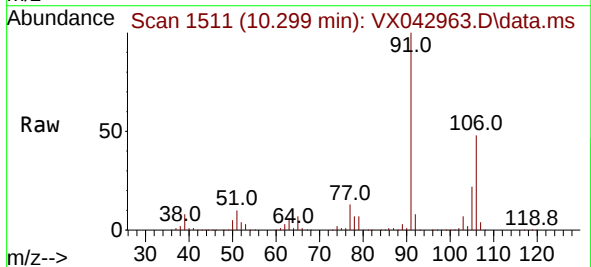
Manual Integrations
APPROVED

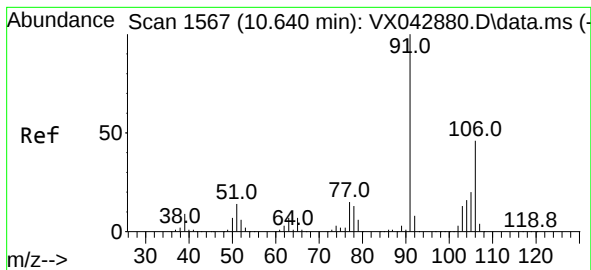
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#68
m/p-Xylenes
Concen: 103.541 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

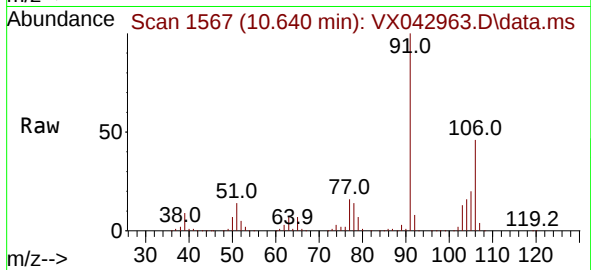
Tgt Ion:106 Resp: 486741
Ion Ratio Lower Upper
106 100
91 203.6 165.5 248.3





#69
o-Xylene
Concen: 50.519 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

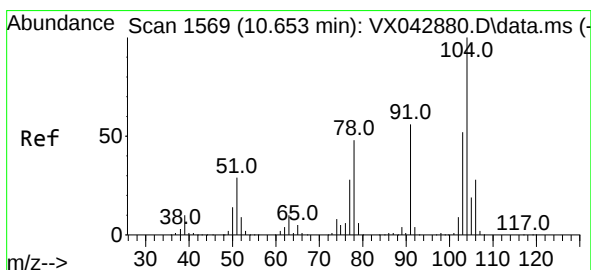
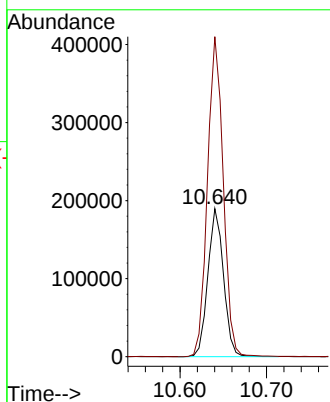
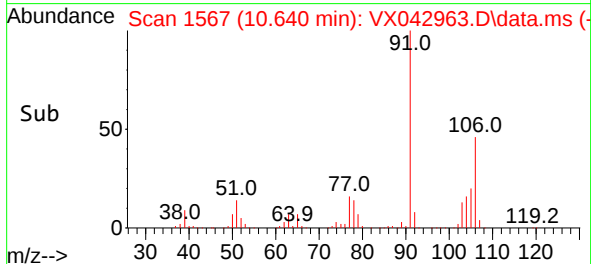
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 237902
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.8

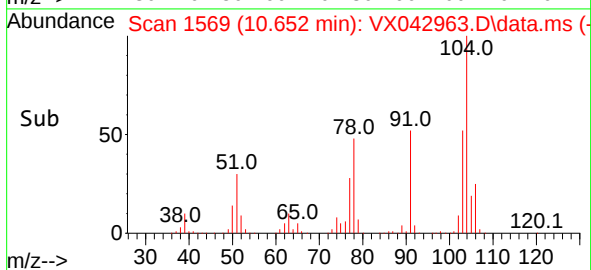
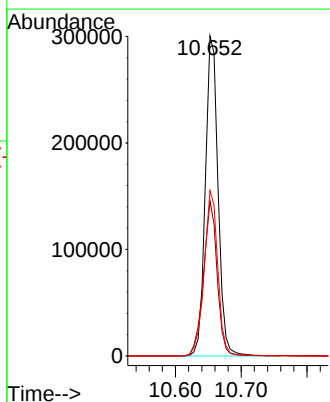
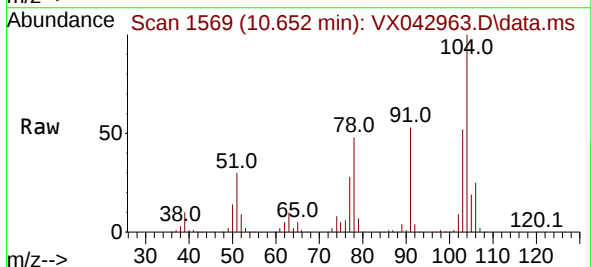
Manual Integrations
APPROVED

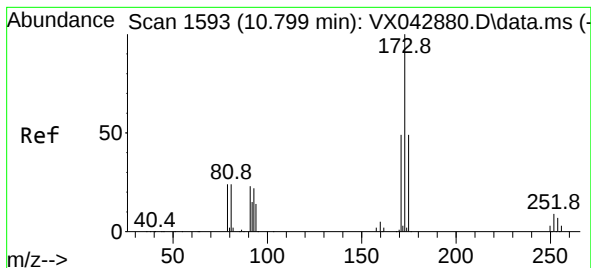
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#70
Styrene
Concen: 53.465 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:104 Resp: 404874
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 49.661 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 106200

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.4

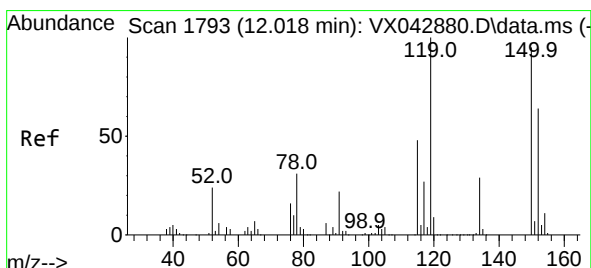
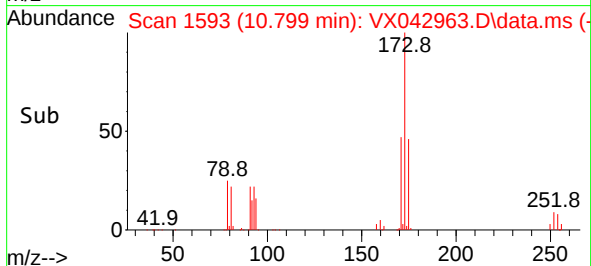
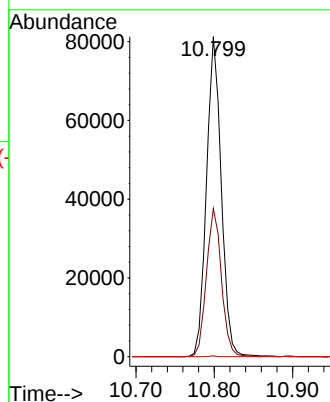
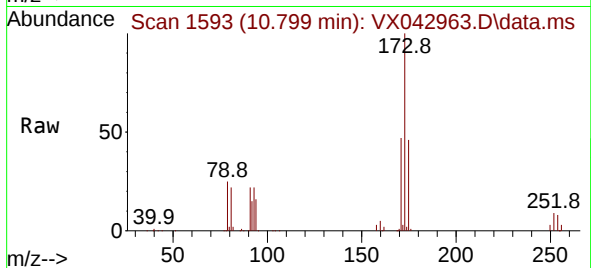
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

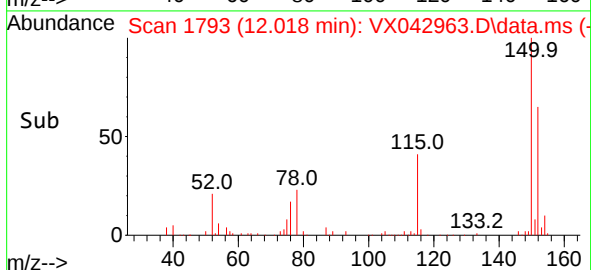
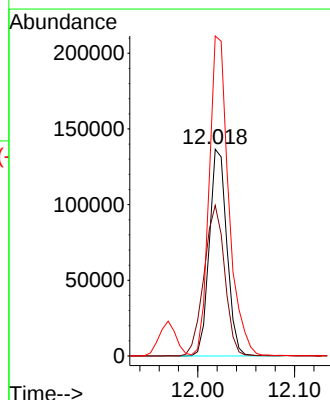
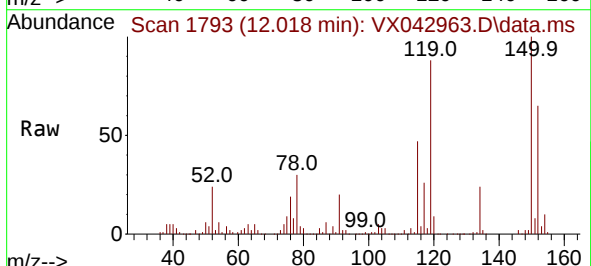
Tgt Ion:152 Resp: 171900

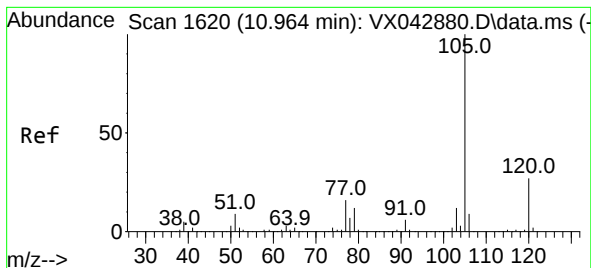
Ion Ratio Lower Upper

152 100

115 86.0 43.3 129.9

150 171.9 0.0 345.0





#73

Isopropylbenzene

Concen: 49.707 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 617769

Ion Ratio Lower Upper

105 100

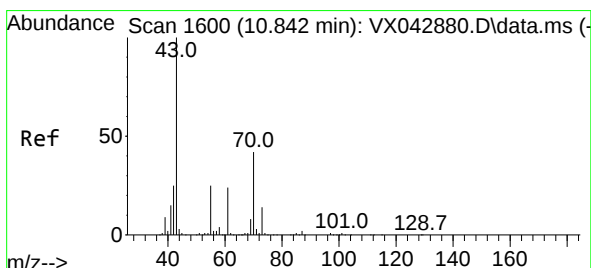
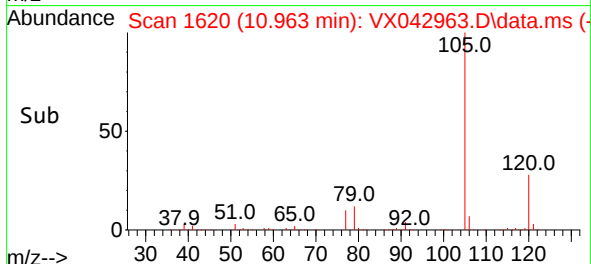
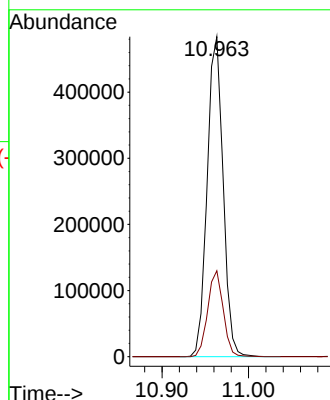
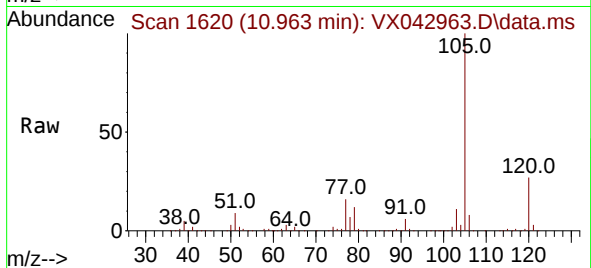
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#74

N-ethyl acetate

Concen: 51.660 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Tgt Ion: 43 Resp: 288890

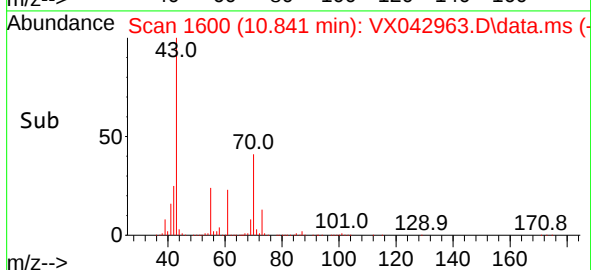
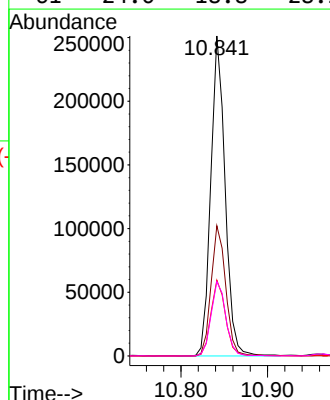
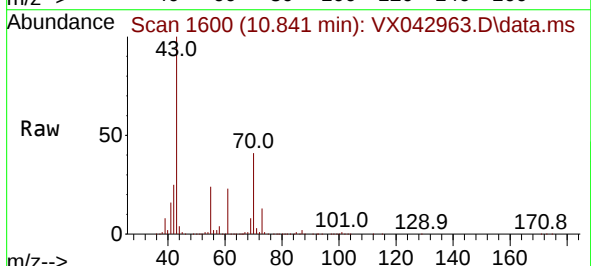
Ion Ratio Lower Upper

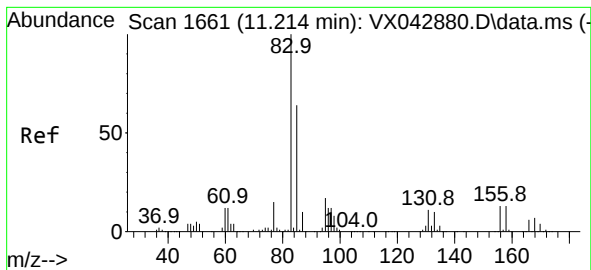
43 100

70 41.7 32.9 49.3

55 24.4 19.3 28.9

61 24.0 18.8 28.2





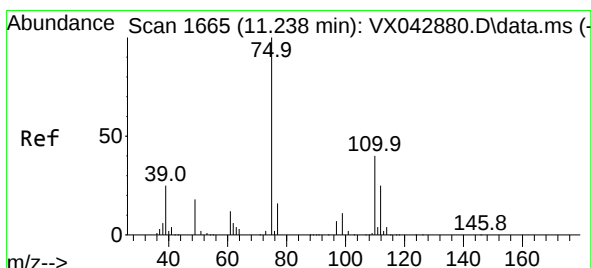
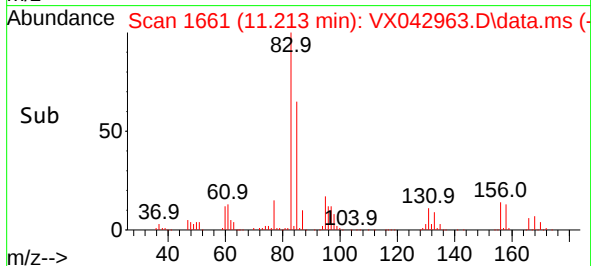
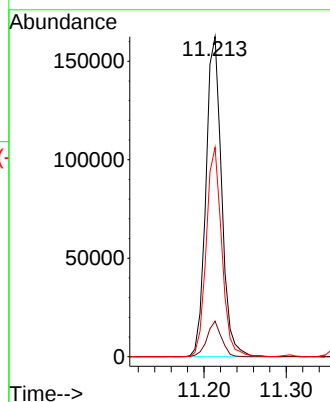
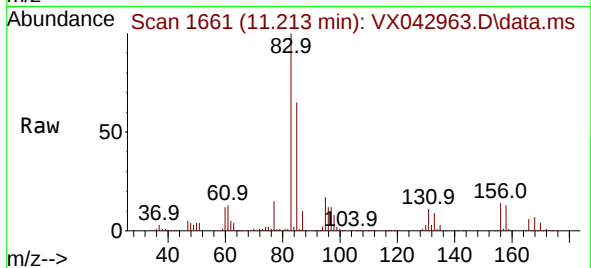
#75
1,1,2,2-Tetrachloroethane
Concen: 47.281 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21526
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.8 32.0 96.2

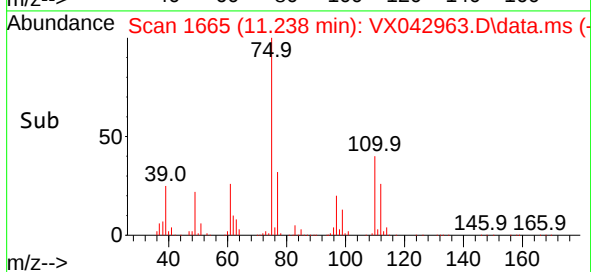
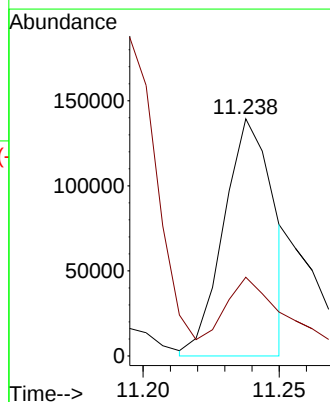
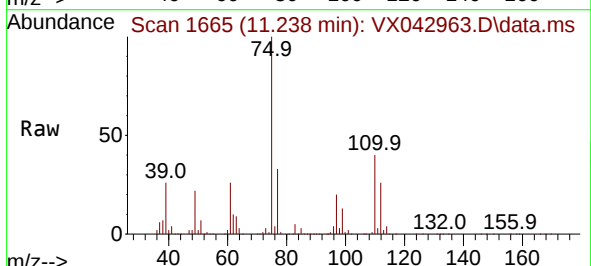
Manual Integrations
APPROVED

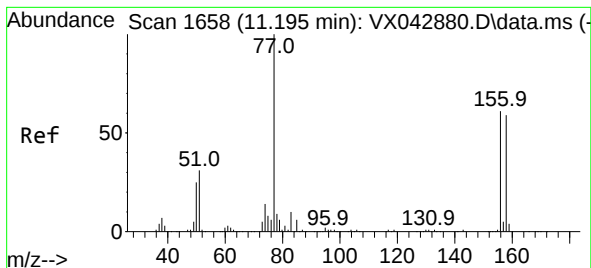
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#76
1,2,3-Trichloropropane
Concen: 45.867 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 75 Resp: 177321
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 48.572 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

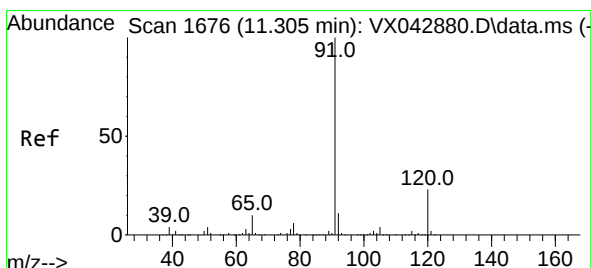
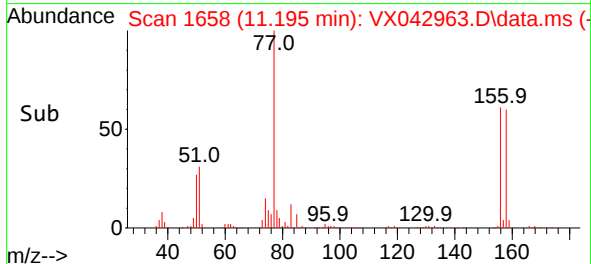
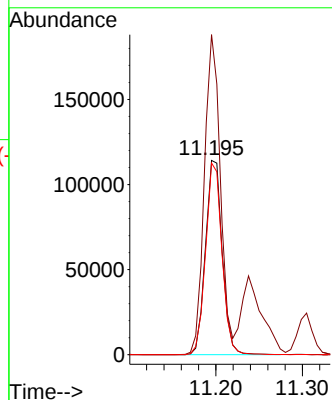
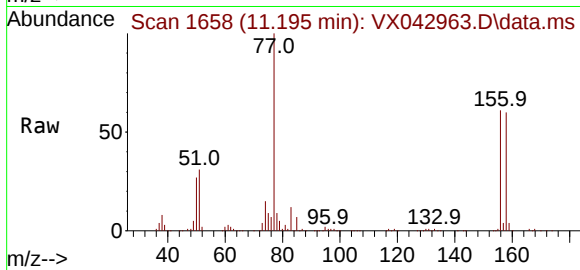
Tgt Ion:	156	Resp:	153558
Ion Ratio	Lower	Upper	
156	100		
77	157.0	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#78

n-propylbenzene

Concen: 50.854 ug/l

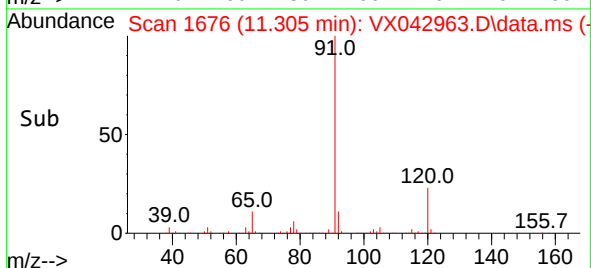
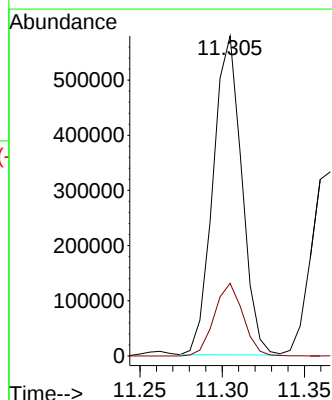
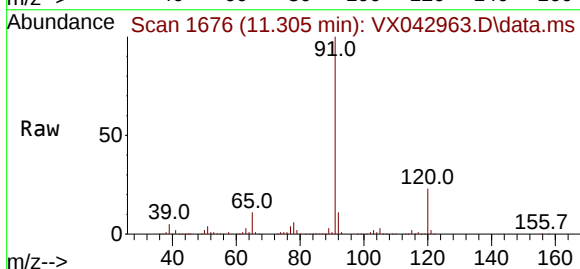
RT: 11.305 min Scan# 1676

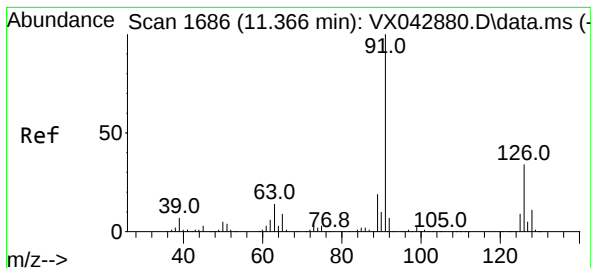
Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Tgt Ion:	91	Resp:	702040
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.801 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 43180

Ion Ratio Lower Upper

91 100

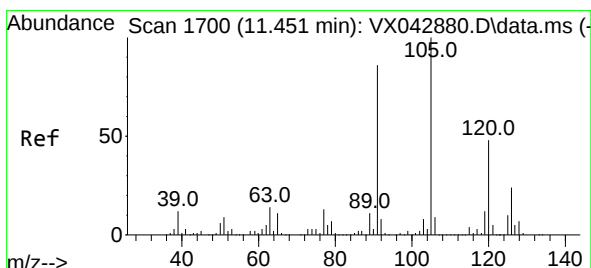
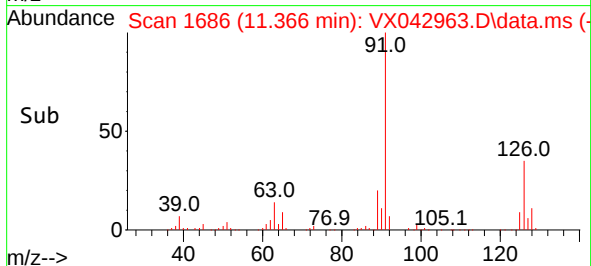
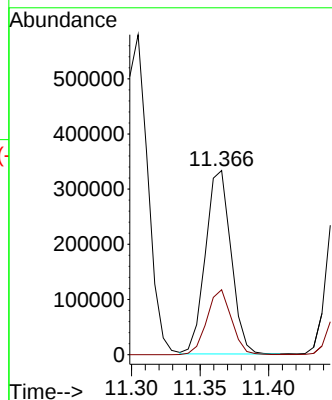
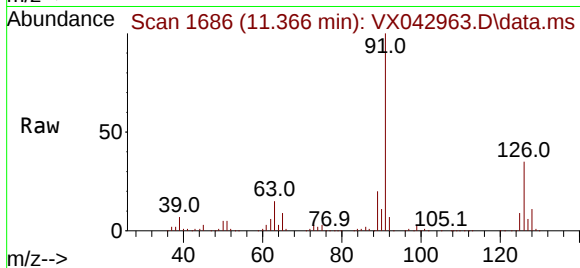
126 34.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.825 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042963.D

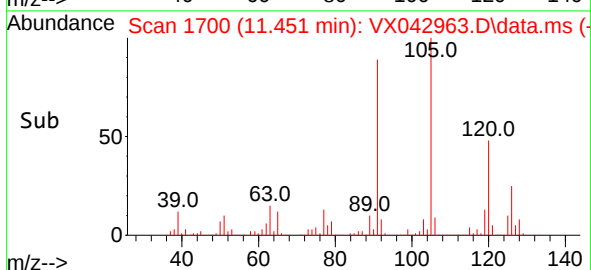
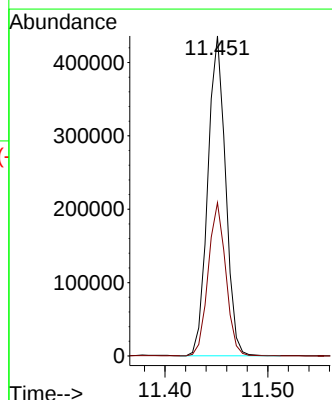
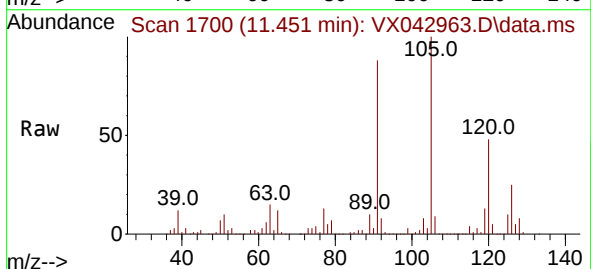
Acq: 09 Aug 2024 00:35

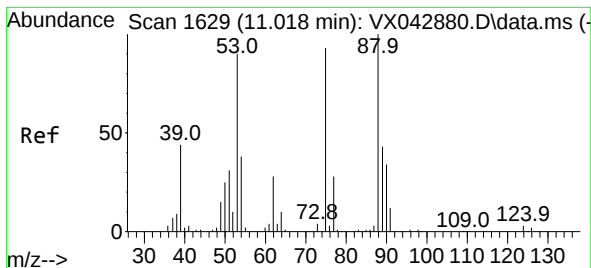
Tgt Ion:105 Resp: 523023

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3





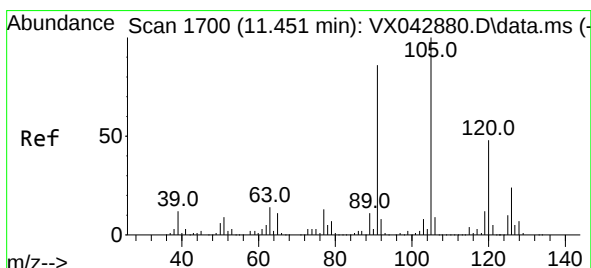
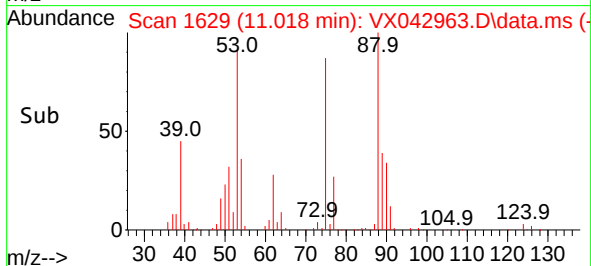
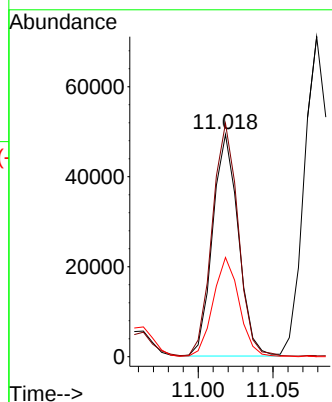
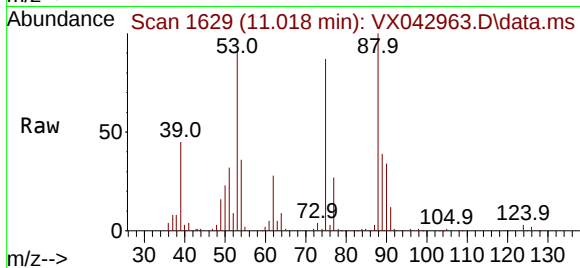
#81
trans-1,4-Dichloro-2-butene
Concen: 49.687 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5907
Ion Ratio Lower Upper
75 100
53 105.6 90.5 135.7
89 45.3 36.9 55.3

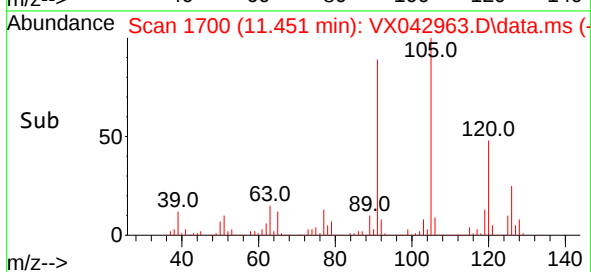
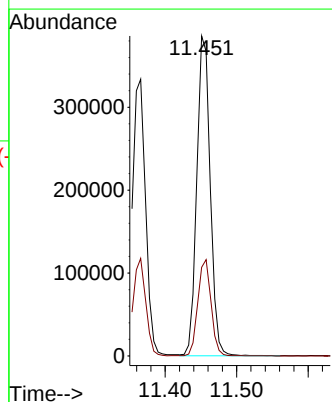
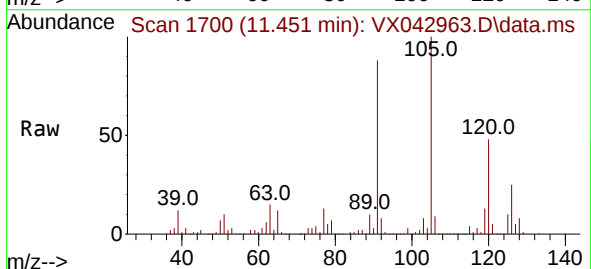
Manual Integrations
APPROVED

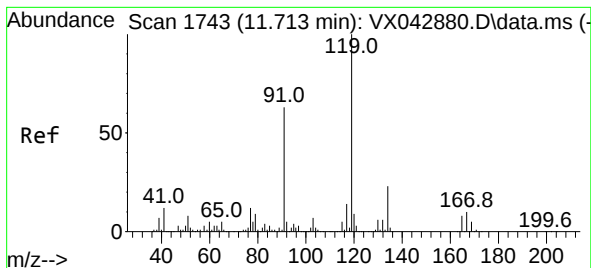
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#82
4-Chlorotoluene
Concen: 50.490 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 91 Resp: 502147
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.620 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 51418

Ion Ratio Lower Upper

119 100

91 61.3 31.2 93.6

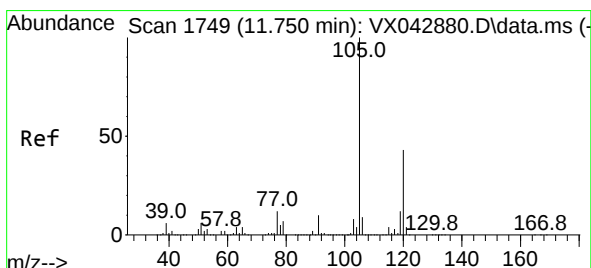
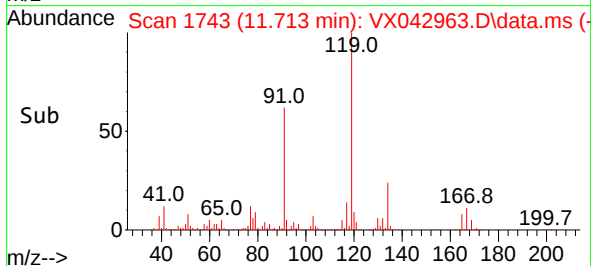
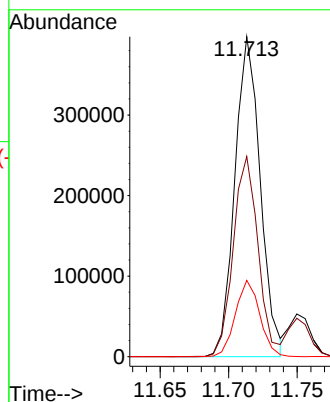
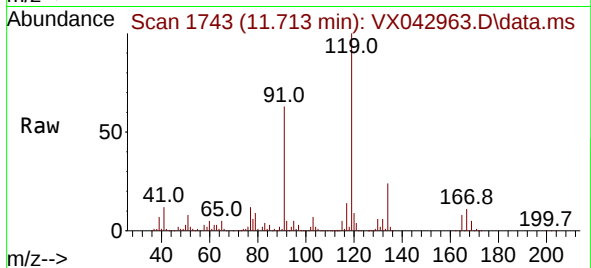
134 22.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.456 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042963.D

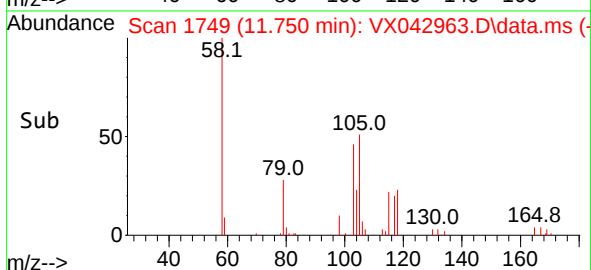
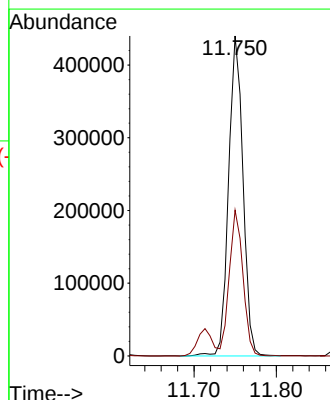
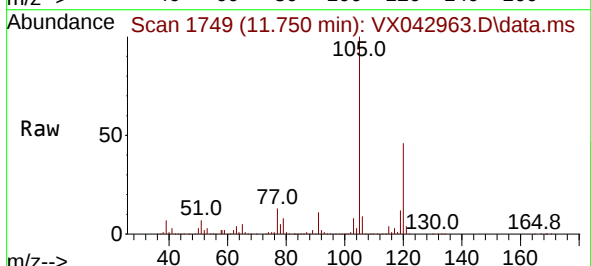
Acq: 09 Aug 2024 00:35

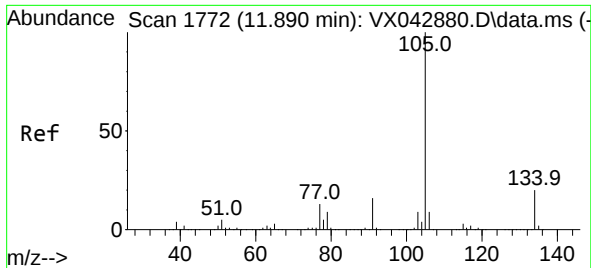
Tgt Ion:105 Resp: 533084

Ion Ratio Lower Upper

105 100

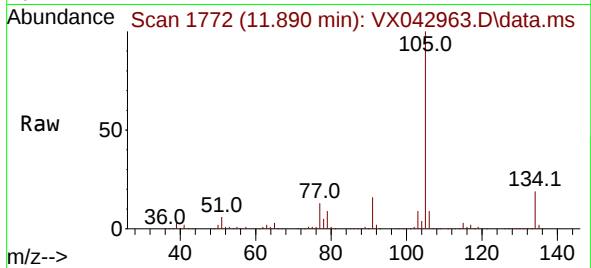
120 43.2 21.2 63.6





#85
sec-Butylbenzene
Concen: 51.459 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

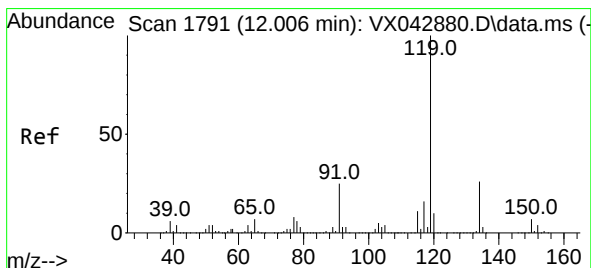
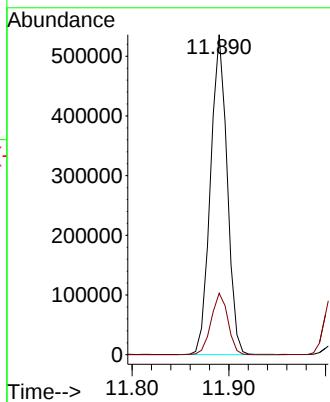
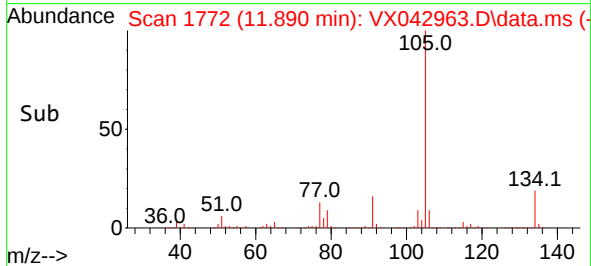
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 640814
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4

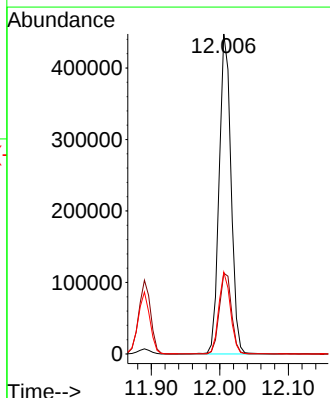
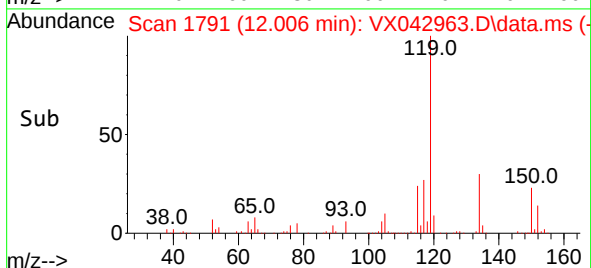
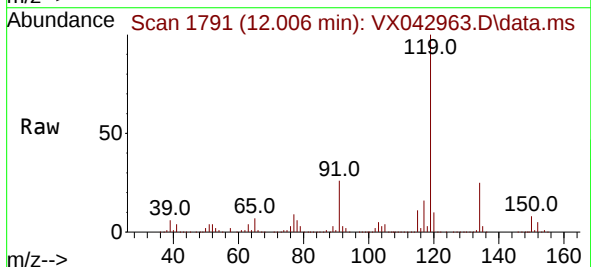
Manual Integrations
APPROVED

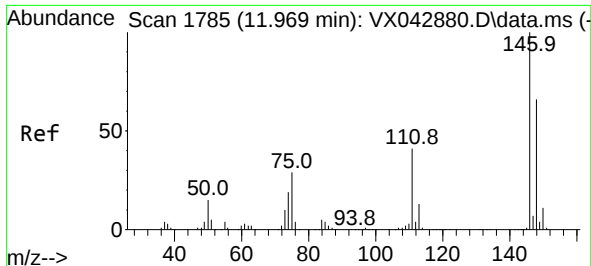
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#86
p-Isopropyltoluene
Concen: 51.724 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:119 Resp: 535150
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.3
91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.939 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 280000

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.1

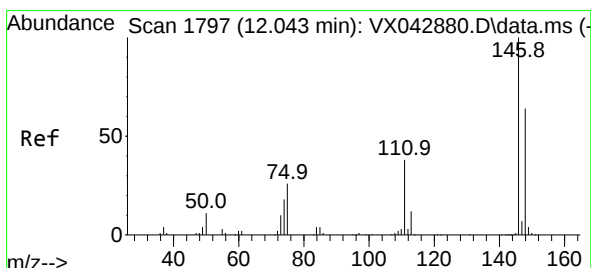
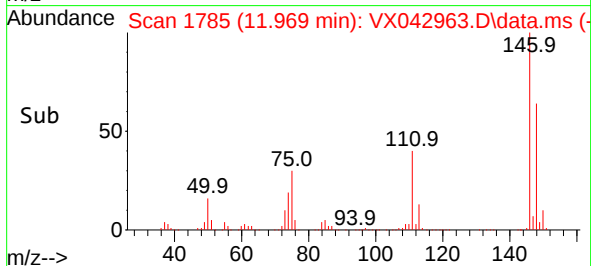
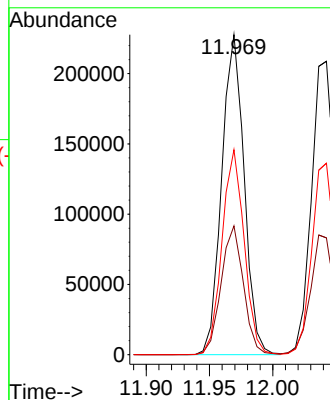
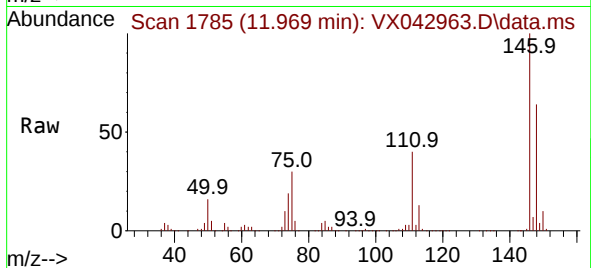
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#88

1,4-Dichlorobenzene

Concen: 46.973 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

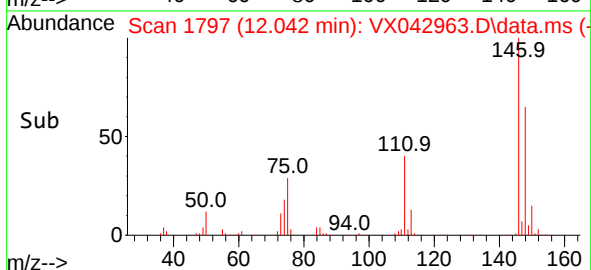
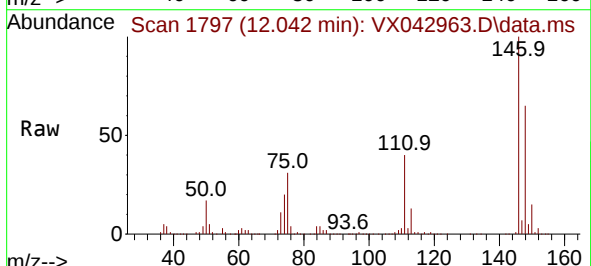
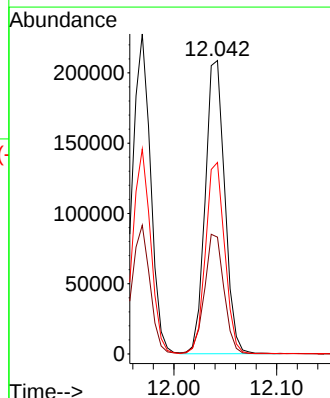
Tgt Ion:146 Resp: 275470

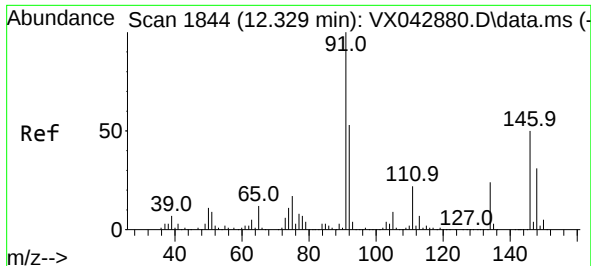
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.7

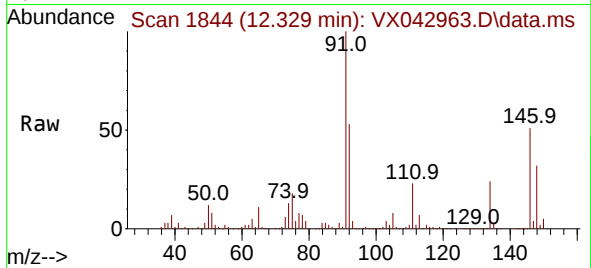
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 51.234 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

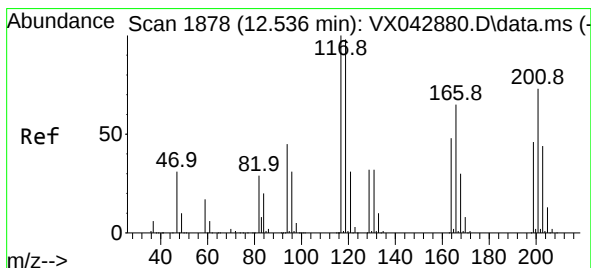
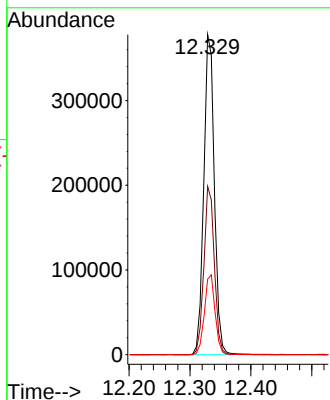
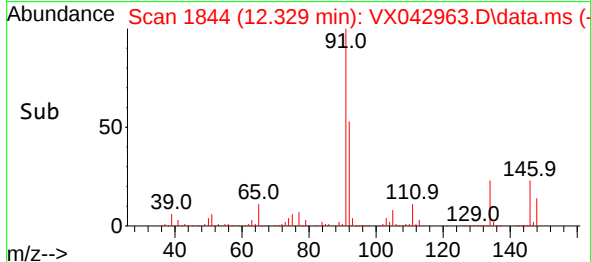
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 45729
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 25.2 12.6 37.8

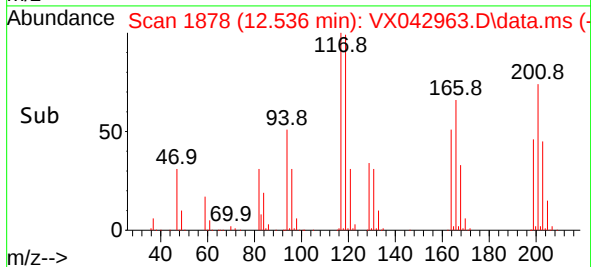
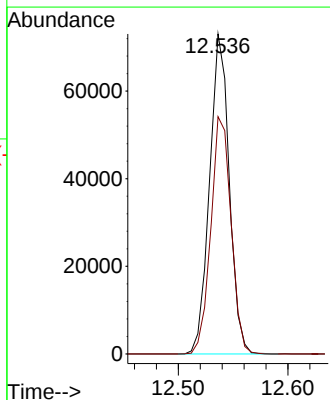
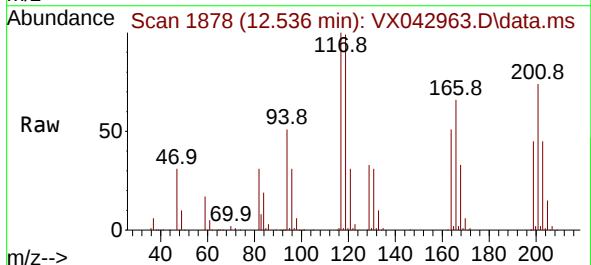
Manual Integrations
APPROVED

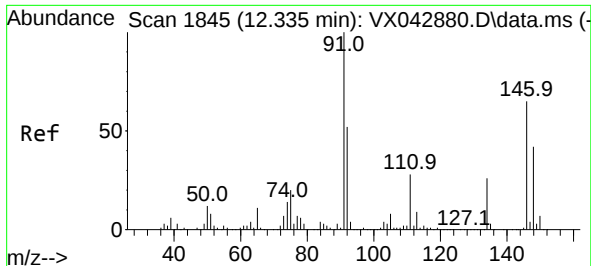
Reviewed By :John Carlone 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024



#90
Hexachloroethane
Concen: 48.060 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion:117 Resp: 90957
Ion Ratio Lower Upper
117 100
201 76.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.810 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

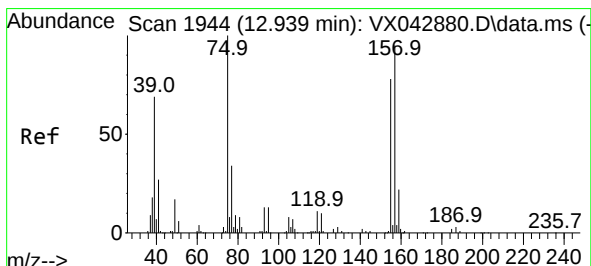
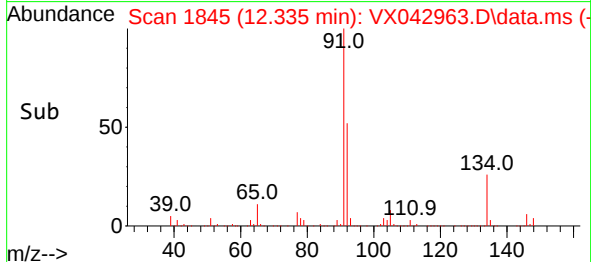
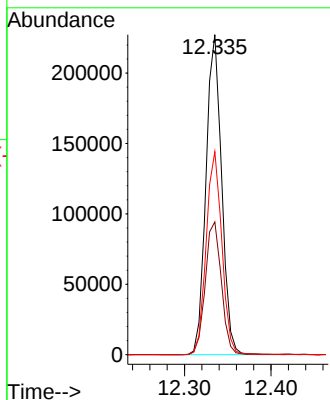
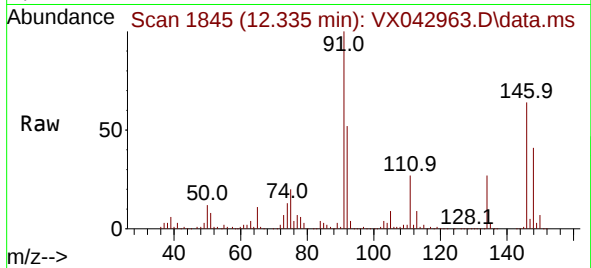
Tgt Ion:146 Resp: 285380
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations

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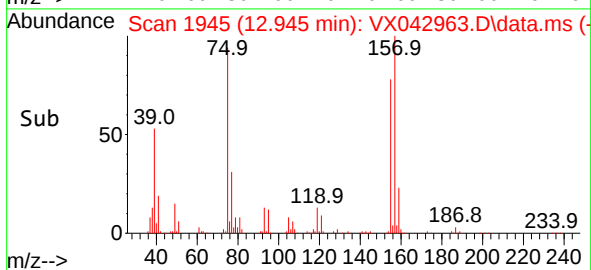
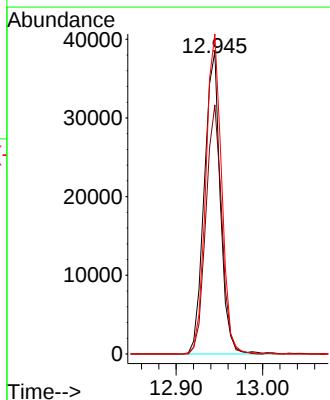
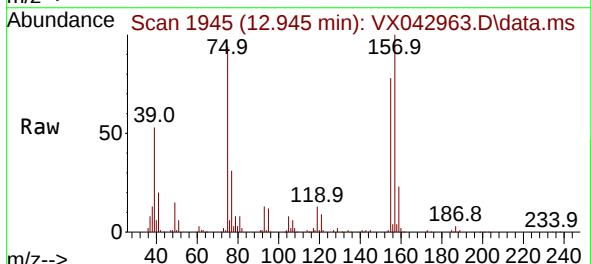
Reviewed By :John Carlone 08/09/2024

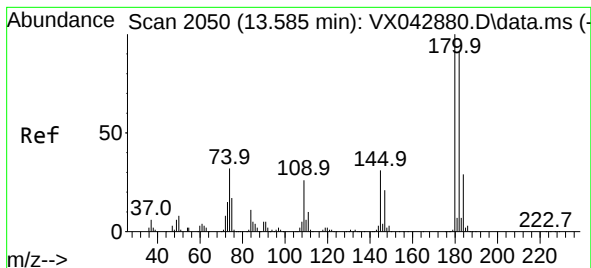
Supervised By :Mahesh Dadoda 08/09/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.342 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX042963.D
Acq: 09 Aug 2024 00:35

Tgt Ion: 75 Resp: 49362
Ion Ratio Lower Upper
75 100
155 81.7 36.1 108.5
157 104.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.429 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 169249

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

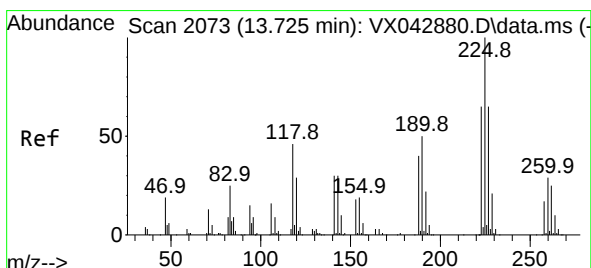
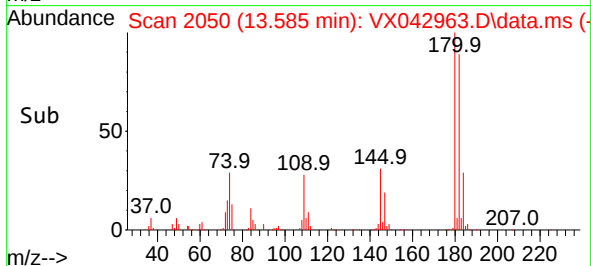
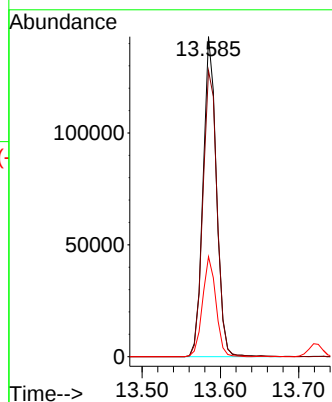
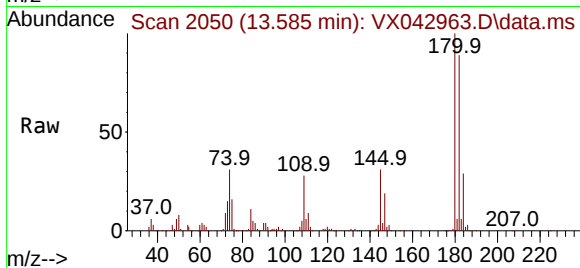
145 31.4 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#94

Hexachlorobutadiene

Concen: 48.490 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

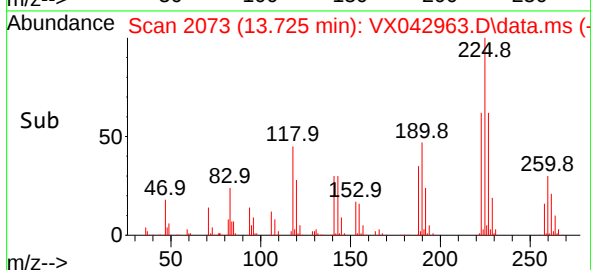
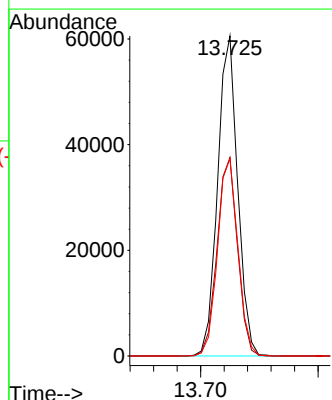
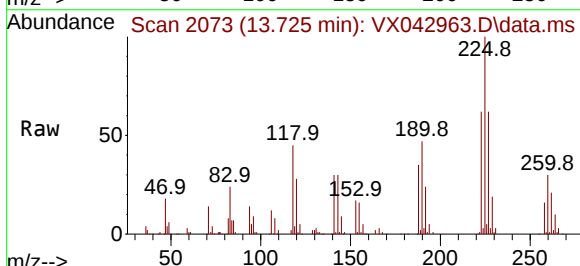
Tgt Ion:225 Resp: 71871

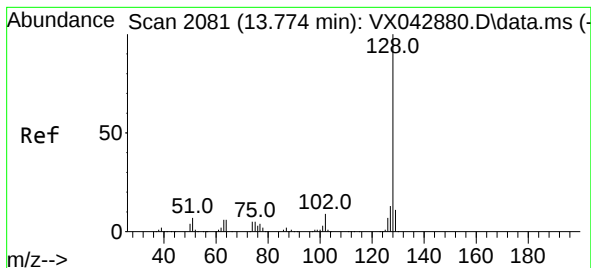
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

227 62.4 32.5 97.5





#95

Naphthalene

Concen: 50.750 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 61374

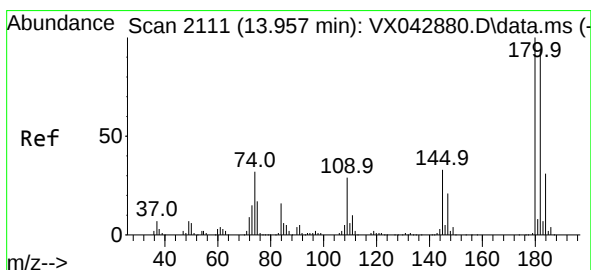
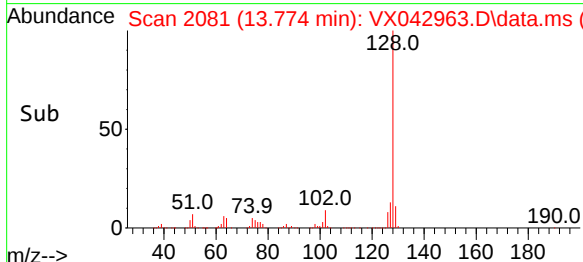
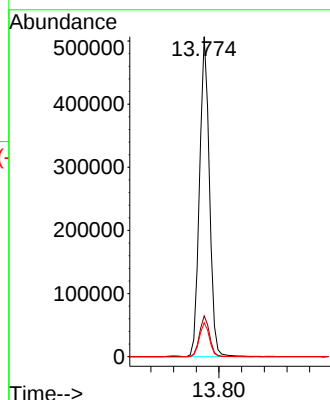
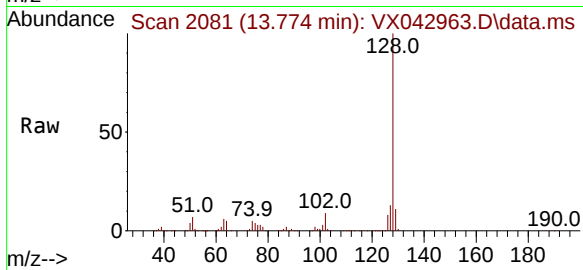
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/09/2024

Supervised By :Mahesh Dadoda 08/09/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.468 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX042963.D

Acq: 09 Aug 2024 00:35

Tgt Ion:180 Resp: 177541

Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	33.7	17.8	53.5

