

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040370.D
 Acq On : 21 Feb 2024 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Mahesh Dadoda 02/22/2024

Quant Time: Feb 22 01:03:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	86205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	142300	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	134095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65631	51.175	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.360%			
35) Dibromofluoromethane	5.373	113	48395	48.700	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
50) Toluene-d8	8.647	98	175512	47.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.420%			
62) 4-Bromofluorobenzene	11.079	95	70217	46.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50895	52.266	ug/l	96
3) Chloromethane	1.294	50	48550	48.350	ug/l	97
4) Vinyl Chloride	1.374	62	50777	47.851	ug/l	99
5) Bromomethane	1.599	94	34156	57.039	ug/l	99
6) Chloroethane	1.684	64	32438	48.470	ug/l	93
7) Trichlorofluoromethane	1.886	101	83235	48.843	ug/l	98
8) Diethyl Ether	2.129	74	31664	49.463	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	48087	52.606	ug/l	98
10) Methyl Iodide	2.453	142	56333	55.509	ug/l	93
11) Tert butyl alcohol	2.953	59	59515	238.244	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	44264	50.293	ug/l	96
13) Acrolein	2.233	56	54983	238.461	ug/l	100
14) Allyl chloride	2.660	41	84256	55.165	ug/l	96
15) Acrylonitrile	3.056	53	147455	263.813	ug/l	98
16) Acetone	2.373	43	152638	289.788	ug/l	94
17) Carbon Disulfide	2.507	76	98603	42.436	ug/l	99
18) Methyl Acetate	2.696	43	67580	47.861	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	169766	54.752	ug/l	99
20) Methylene Chloride	2.788	84	52904	53.695	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	47346	47.234	ug/l	99
22) Diisopropyl ether	3.751	45	180164	58.163	ug/l	98
23) Vinyl Acetate	3.715	43	812605	294.277	ug/l	99
24) 1,1-Dichloroethane	3.605	63	99576	55.187	ug/l	99
25) 2-Butanone	4.544	43	212983	258.682	ug/l	98
26) 2,2-Dichloropropane	4.471	77	77948	56.119	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58756	51.383	ug/l	98
28) Bromochloromethane	4.885	49	45813	59.802	ug/l	99
29) Tetrahydrofuran	4.989	42	132882	247.729	ug/l	99
30) Chloroform	5.086	83	105382	54.019	ug/l	96
31) Cyclohexane	5.458	56	73629	48.133	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	87142	53.098	ug/l	99
36) 1,1-Dichloropropene	5.690	75	70846	50.892	ug/l	98
37) Ethyl Acetate	4.702	43	81688	52.737	ug/l	99
38) Carbon Tetrachloride	5.665	117	70111	52.971	ug/l	100
39) Methylcyclohexane	7.379	83	77802	48.092	ug/l	96
40) Benzene	6.031	78	200292	51.451	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	45582	55.511	ug/l	95
42) 1,2-Dichloroethane	6.080	62	84801	55.731	ug/l	100
43) Isopropyl Acetate	6.330	43	135044	55.850	ug/l	99
44) Trichloroethene	7.116	130	52850	49.217	ug/l	98
45) 1,2-Dichloropropane	7.427	63	57538	56.786	ug/l	95
46) Dibromomethane	7.574	93	40749	54.606	ug/l	98
47) Bromodichloromethane	7.817	83	80530	56.006	ug/l	97
48) Methyl methacrylate	7.683	41	67149	54.273	ug/l	93
49) 1,4-Dioxane	7.647	88	22212	825.240	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	443088	268.397	ug/l	98
52) Toluene	8.714	92	126381	49.564	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	86944	50.793	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	89926	55.804	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	55405	50.945	ug/l	92
56) Ethyl methacrylate	9.110	69	87720	53.878	ug/l	97
57) 1,3-Dichloropropane	9.305	76	96610	54.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	191248	248.311	ug/l	96
59) 2-Hexanone	9.427	43	345913	264.280	ug/l	99
60) Dibromochloromethane	9.518	129	58511	52.807	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58863	50.919	ug/l	99
64) Tetrachloroethene	9.268	164	44839	47.717	ug/l	98
65) Chlorobenzene	10.073	112	139946	50.005	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52265	53.922	ug/l	99
67) Ethyl Benzene	10.189	91	261151	52.394	ug/l	97
68) m/p-Xylenes	10.299	106	193527	102.806	ug/l	97
69) o-Xylene	10.640	106	93632	51.184	ug/l	94
70) Styrene	10.652	104	160858	52.890	ug/l	99
71) Bromoform	10.799	173	43537	47.901	ug/l #	99
73) Isopropylbenzene	10.957	105	258865	52.279	ug/l	100
74) N-amyl acetate	10.841	43	125018	58.903	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	93943	52.808	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78870m	55.400	ug/l	
77) Bromobenzene	11.195	156	61382	52.486	ug/l	98
78) n-propylbenzene	11.299	91	323564	53.974	ug/l	97
79) 2-Chlorotoluene	11.360	91	186468	51.511	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221190	53.060	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	24606	48.639	ug/l	99
82) 4-Chlorotoluene	11.451	91	221775	51.707	ug/l	100
83) tert-Butylbenzene	11.713	119	211959	51.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	221664	52.559	ug/l	99
85) sec-Butylbenzene	11.890	105	278910	53.102	ug/l	99
86) p-Isopropyltoluene	12.006	119	227273	52.787	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119063	51.382	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	121412	49.480	ug/l	99
89) n-Butylbenzene	12.329	91	223738	53.834	ug/l	96
90) Hexachloroethane	12.536	117	37694	55.504	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	117115	52.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21132	51.468	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	77188	50.261	ug/l	98
94) Hexachlorobutadiene	13.725	225	31160	50.838	ug/l	98
95) Naphthalene	13.774	128	250013	51.544	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75570	51.623	ug/l	97

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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

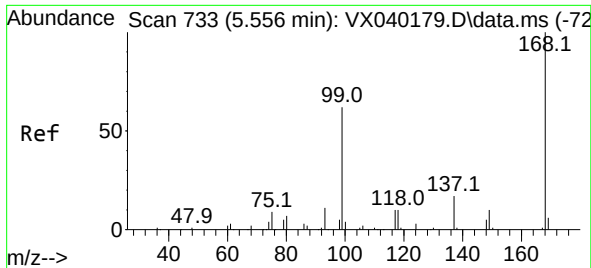
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

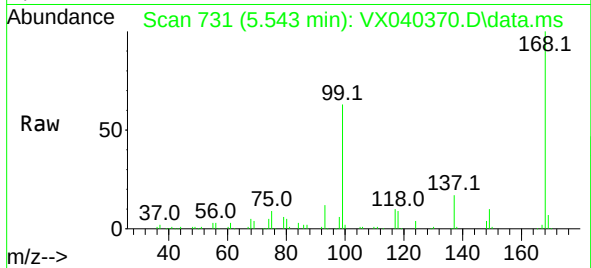
Quant Time: Feb 22 01:03:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
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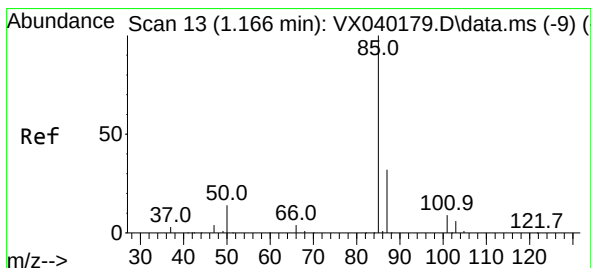
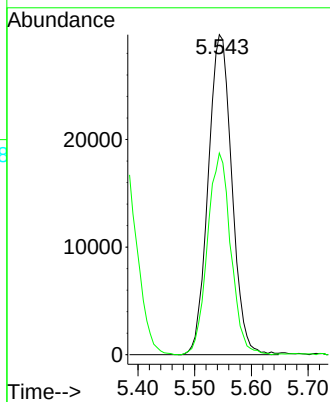
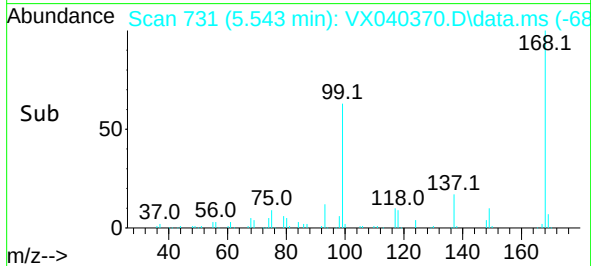
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 86209
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

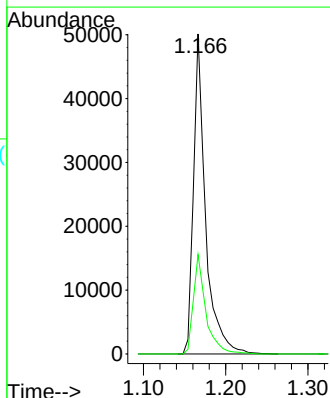
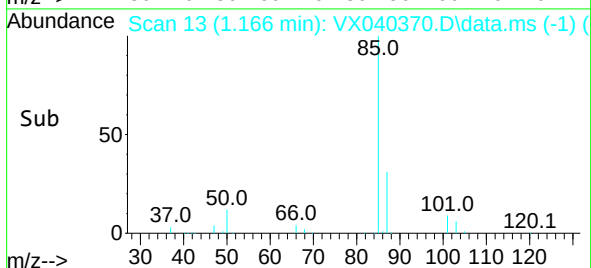
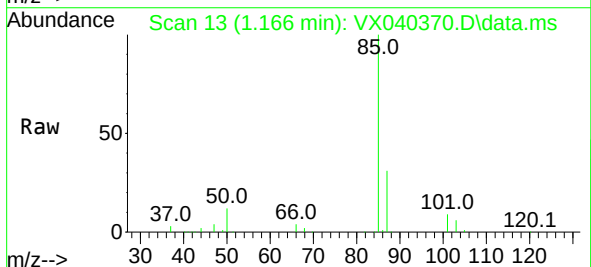
Manual Integrations
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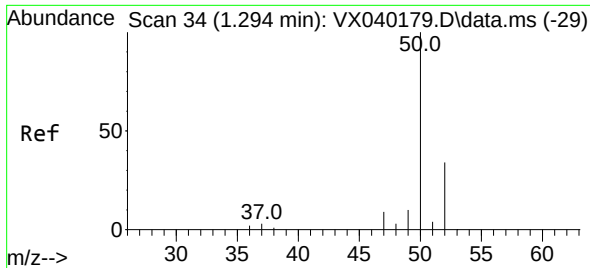
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#2
Dichlorodifluoromethane
Concen: 52.266 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

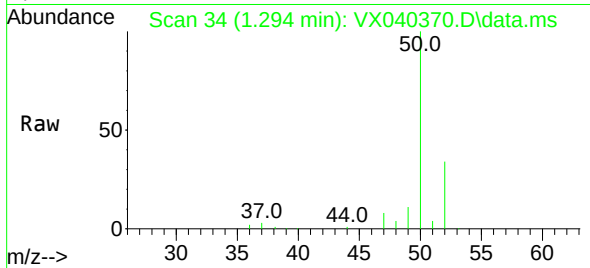
Tgt Ion: 85 Resp: 50895
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





#3
Chloromethane
Concen: 48.350 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

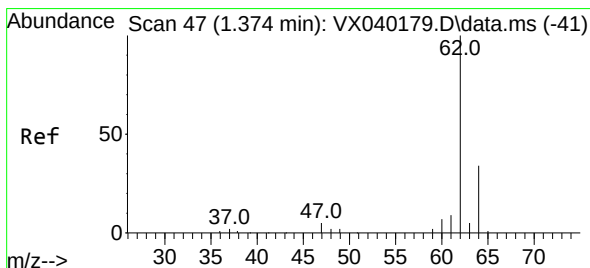
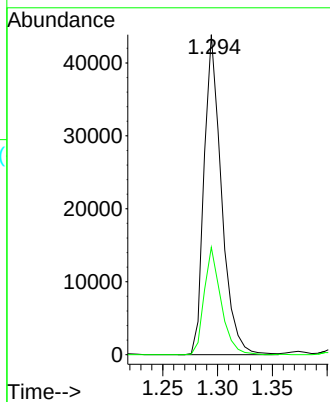
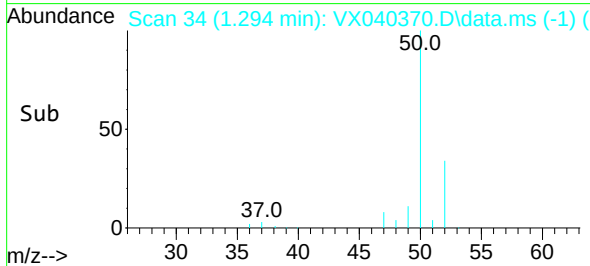
Instrument :
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VSTDCCC050



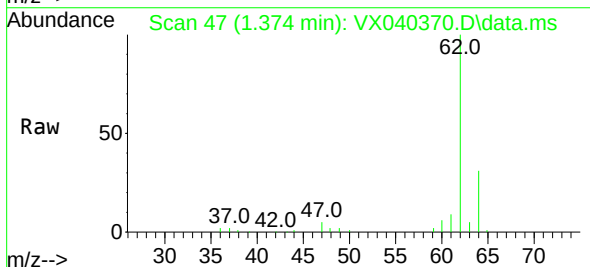
Tgt Ion: 50 Resp: 48550
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

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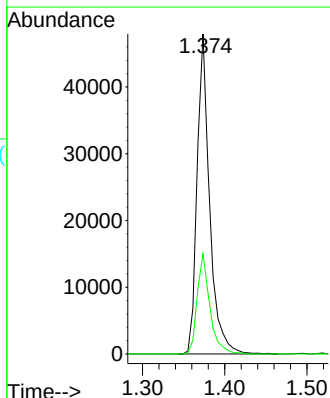
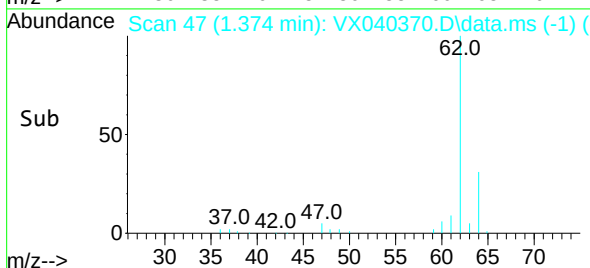
Reviewed By :John Carlone 02/22/2024
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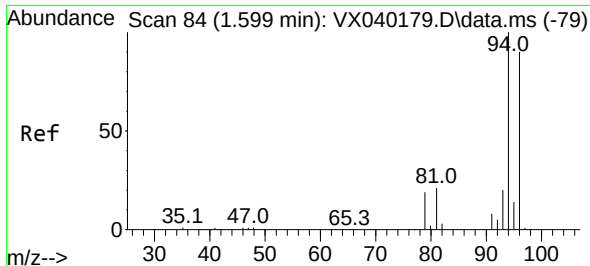


#4
Vinyl Chloride
Concen: 47.851 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



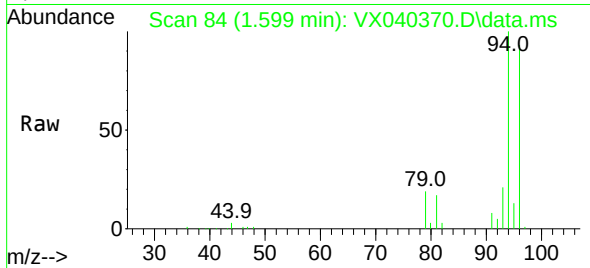
Tgt Ion: 62 Resp: 50777
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 57.039 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

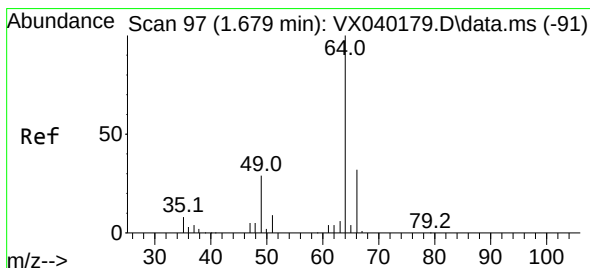
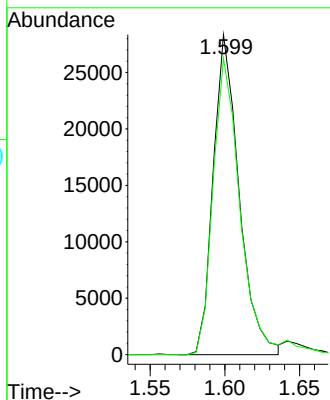
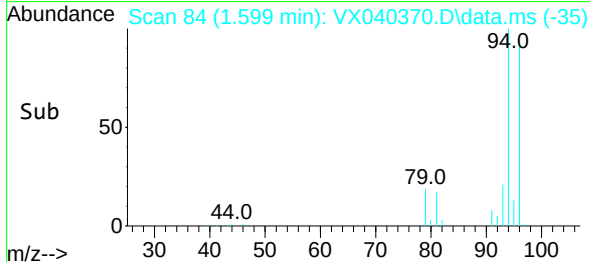
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 34150
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

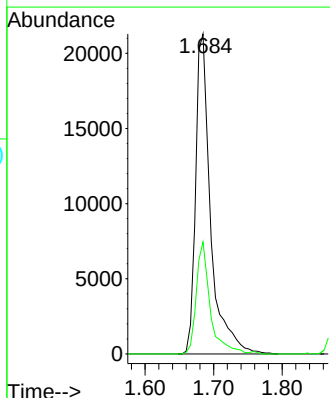
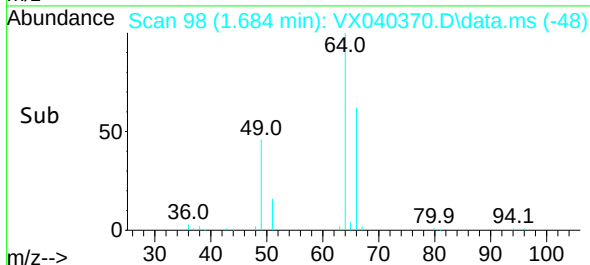
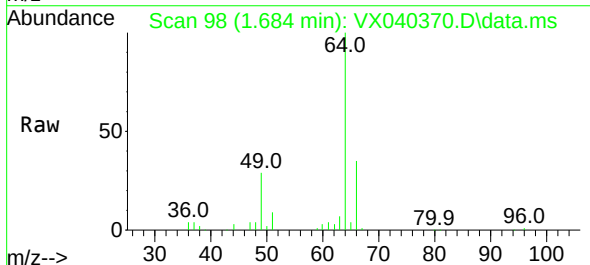
Manual Integrations
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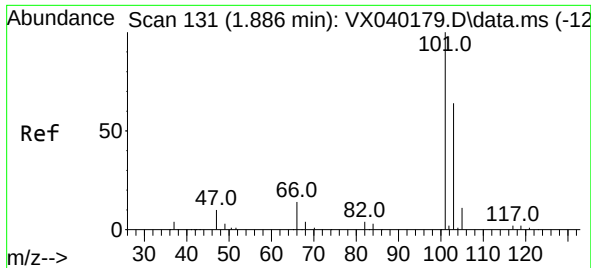
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#6
Chloroethane
Concen: 48.470 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040370.D
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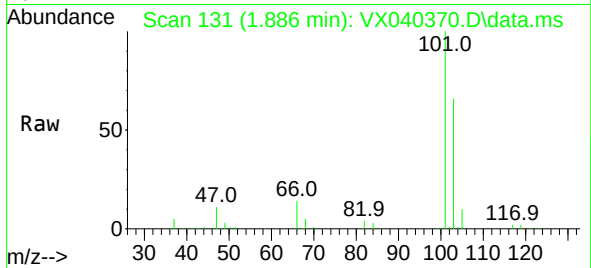
Tgt Ion: 64 Resp: 32438
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.843 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

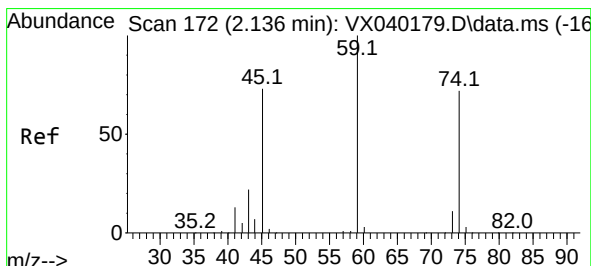
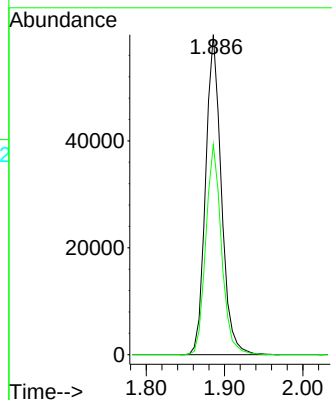
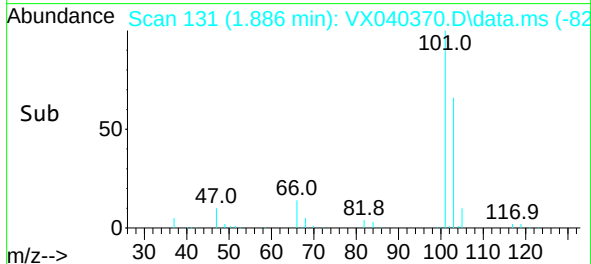
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



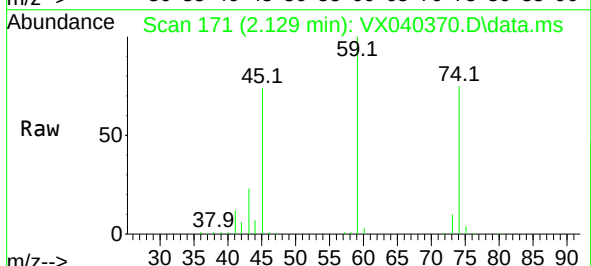
Tgt Ion:101 Resp: 8323
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

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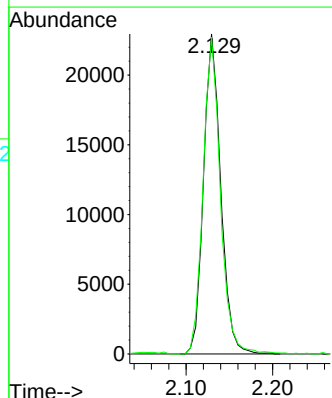
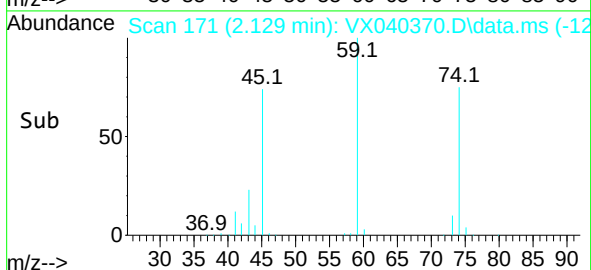
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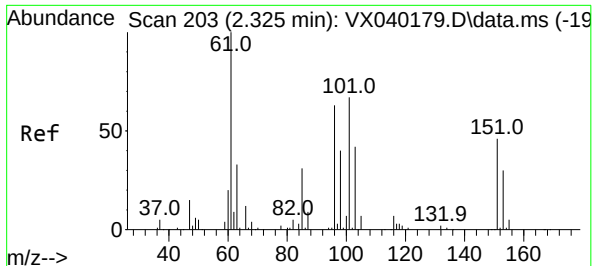


#8
Diethyl Ether
Concen: 49.463 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 31664
Ion Ratio Lower Upper
74 100
45 99.8 53.3 159.8





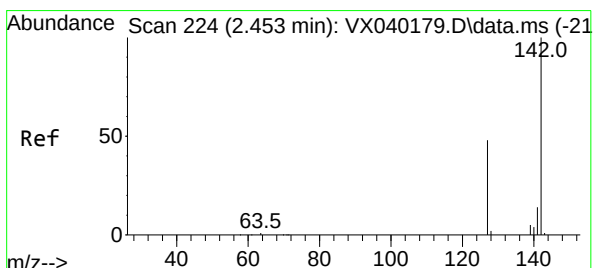
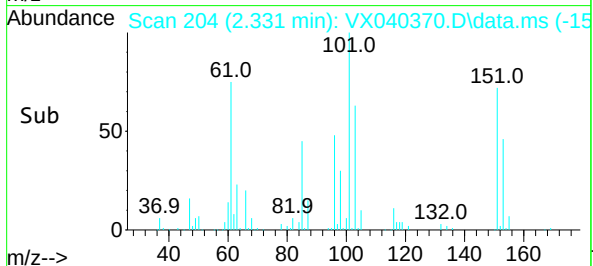
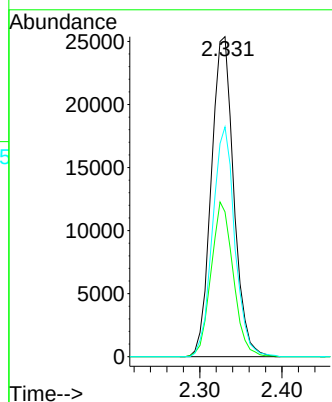
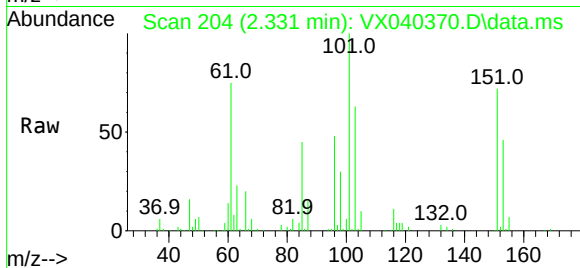
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.606 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4808
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 71.5 58.6 87.8

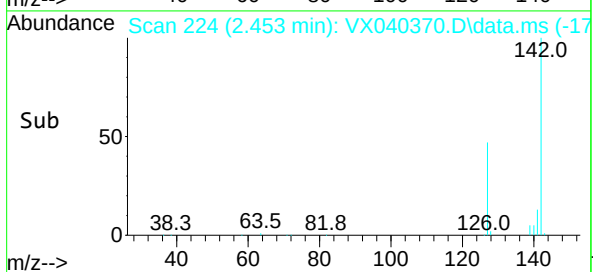
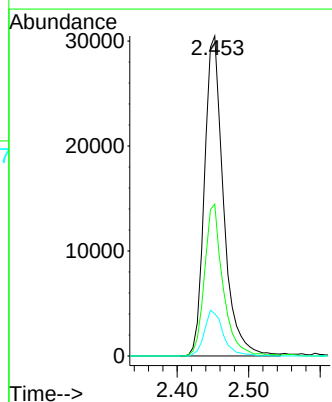
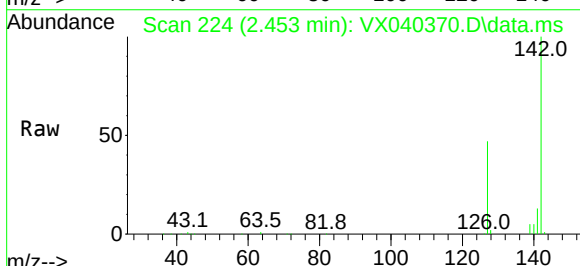
Manual Integrations
APPROVED

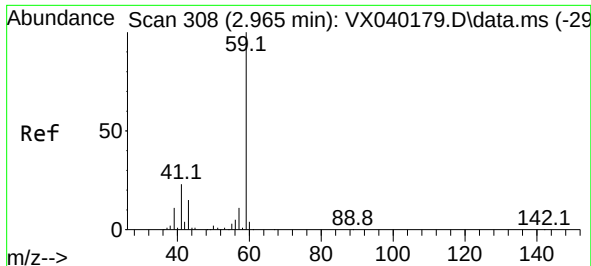
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#10
Methyl Iodide
Concen: 55.509 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

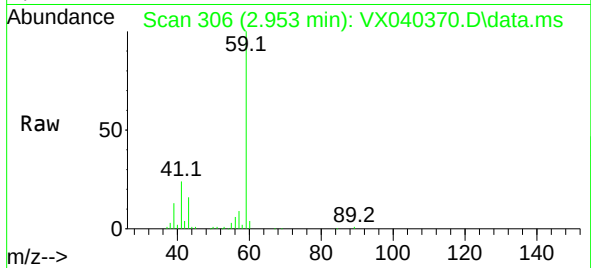
Tgt Ion:142 Resp: 56333
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 238.244 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

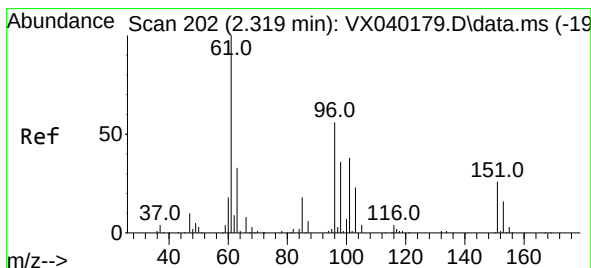
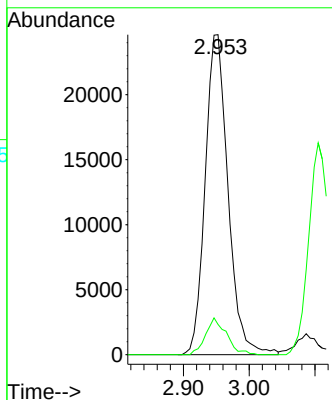
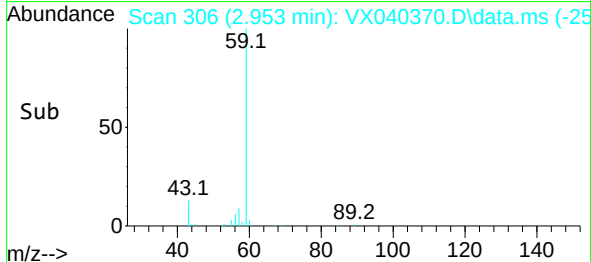
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 5951
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

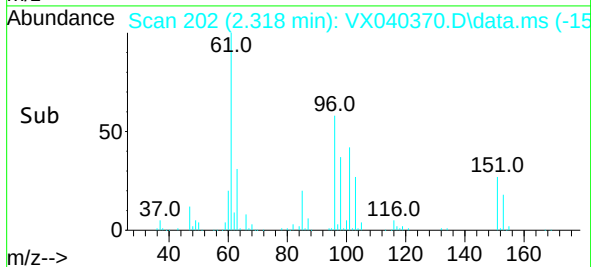
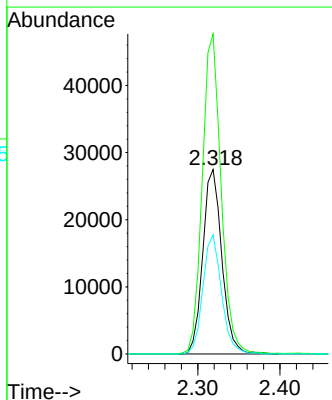
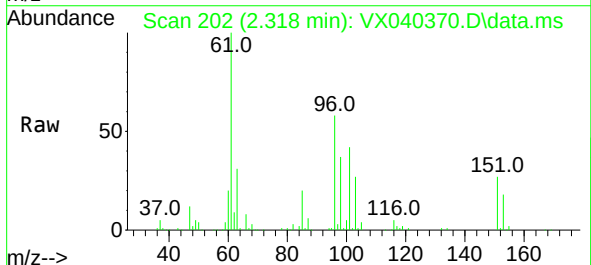
Manual Integrations
APPROVED

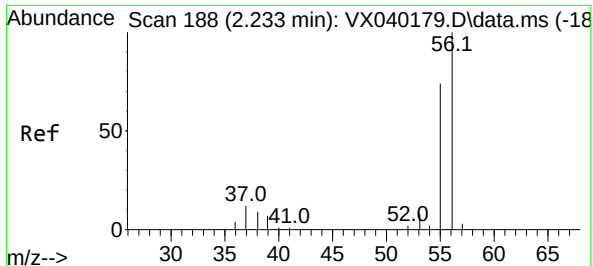
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#12
1,1-Dichloroethene
Concen: 50.293 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

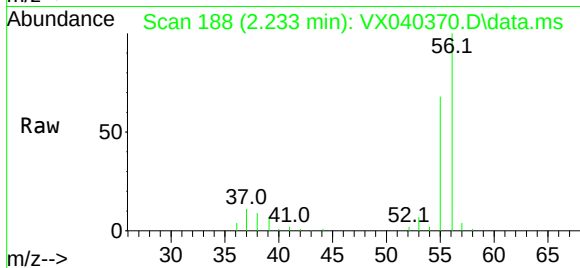
Tgt Ion: 96 Resp: 44264
Ion Ratio Lower Upper
96 100
61 173.4 144.6 216.8
98 64.6 50.4 75.6





#13
Acrolein
Concen: 238.461 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

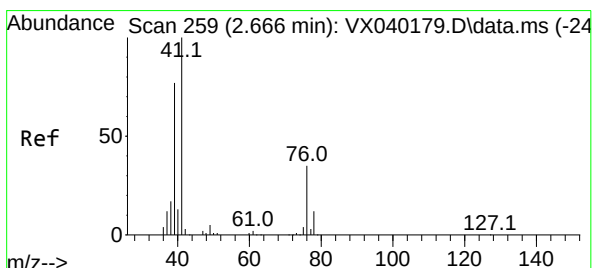
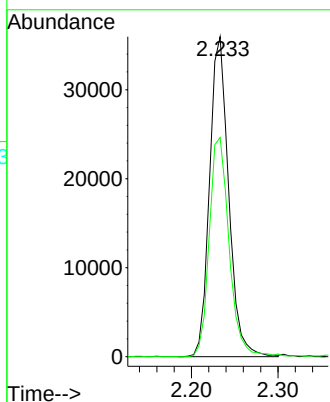
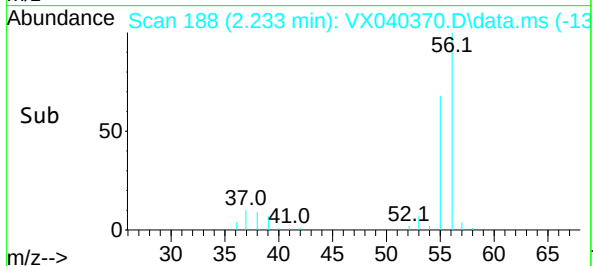
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5498
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

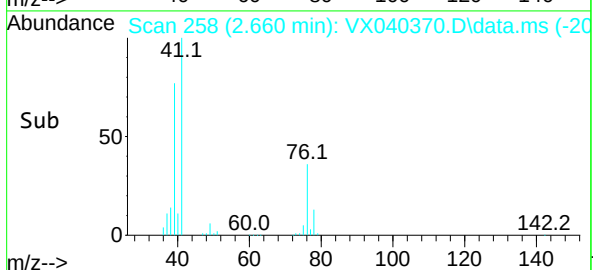
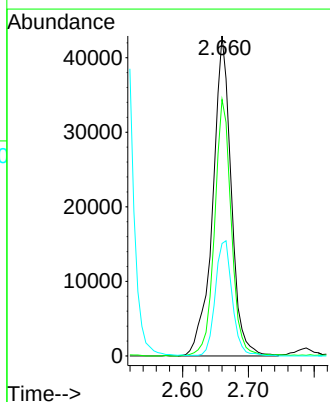
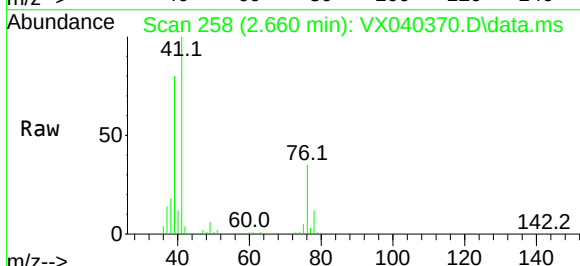
Manual Integrations
APPROVED

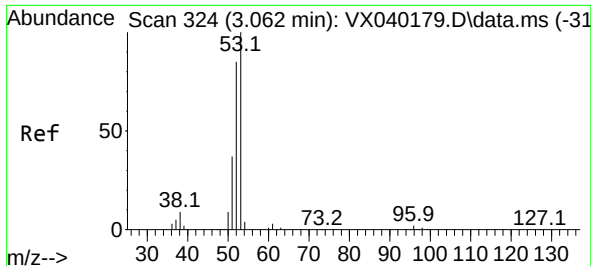
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#14
Allyl chloride
Concen: 55.165 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

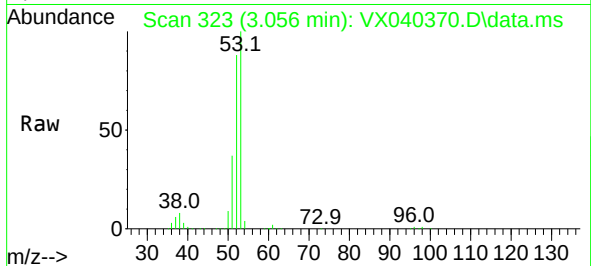
Tgt Ion: 41 Resp: 84256
Ion Ratio Lower Upper
41 100
39 72.5 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 263.813 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

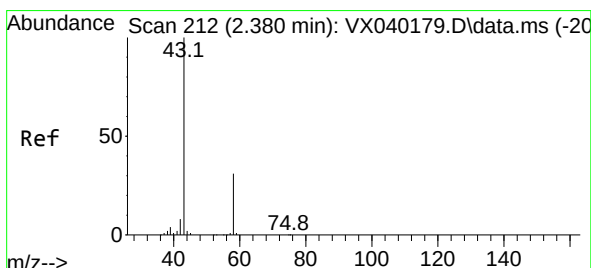
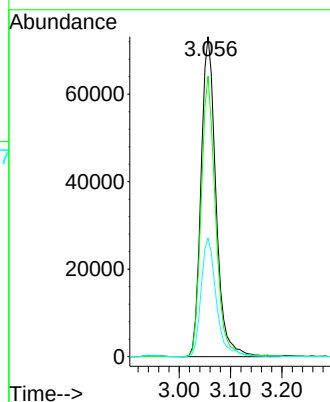
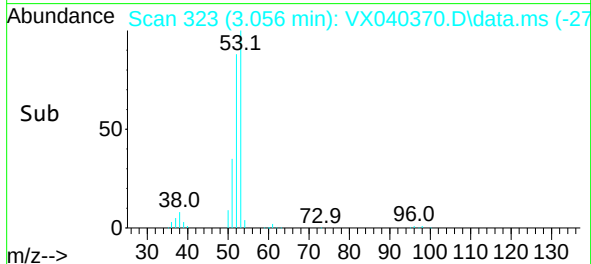
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 14745
Ion Ratio Lower Upper
53 100
52 84.4 66.0 99.0
51 37.9 29.8 44.6

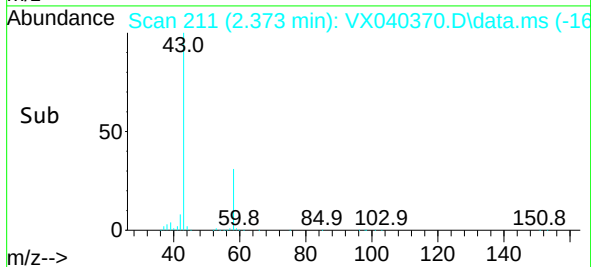
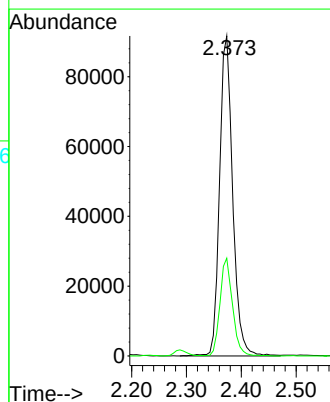
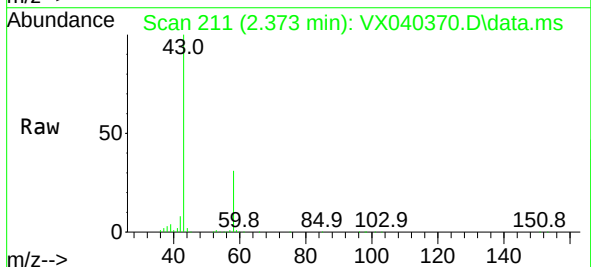
Manual Integrations
APPROVED

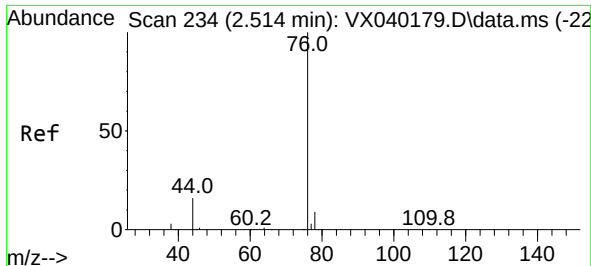
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#16
Acetone
Concen: 289.788 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion: 43 Resp: 152638
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9





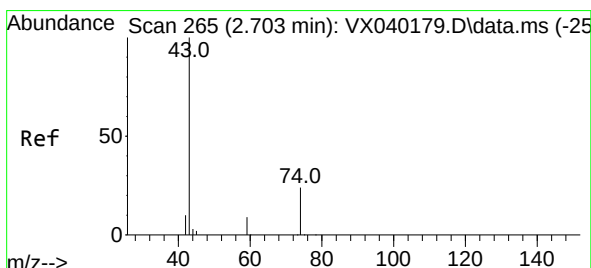
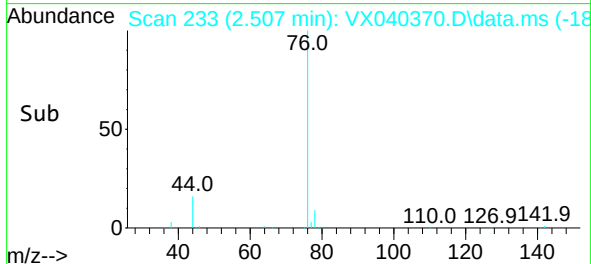
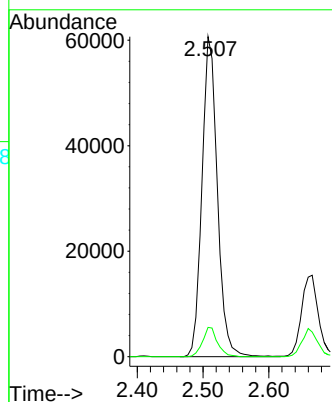
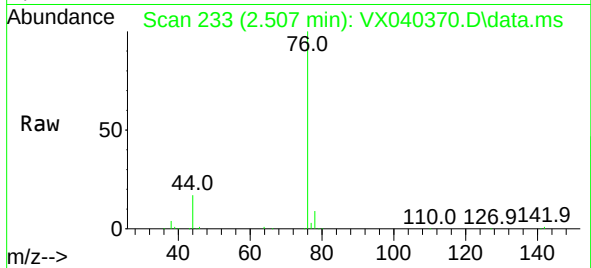
#17
Carbon Disulfide
Concen: 42.436 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9860
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

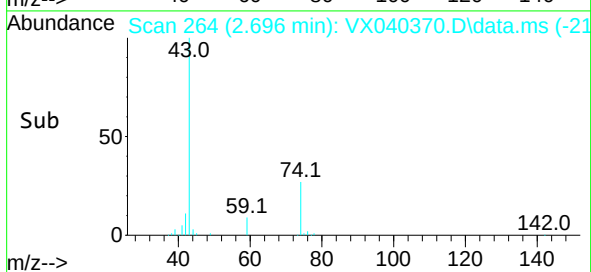
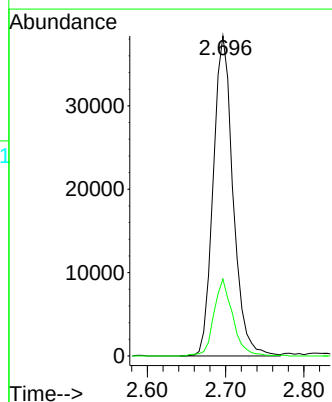
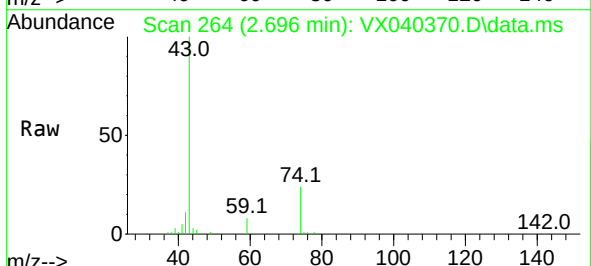
Manual Integrations
APPROVED

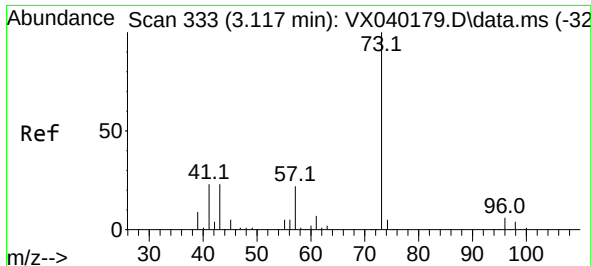
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#18
Methyl Acetate
Concen: 47.861 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion: 43 Resp: 67580
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





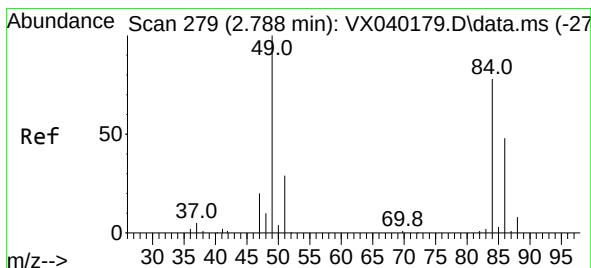
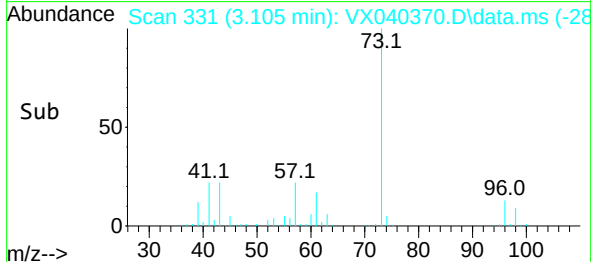
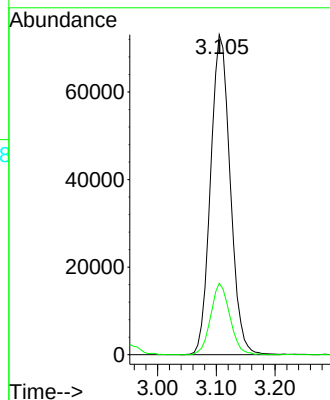
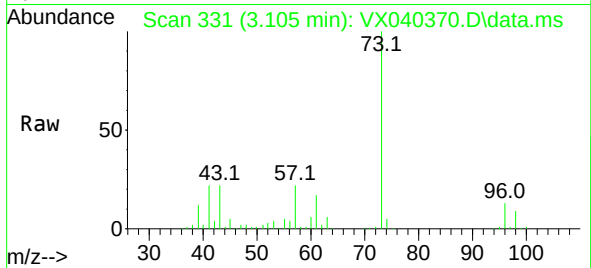
#19
Methyl tert-butyl Ether
Concen: 54.752 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 169760
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

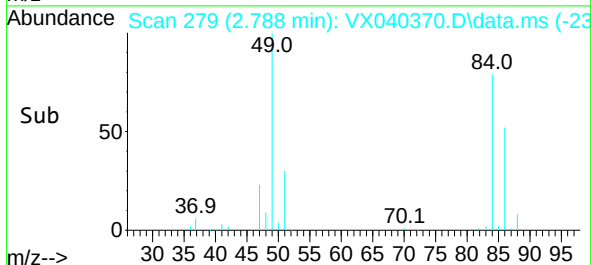
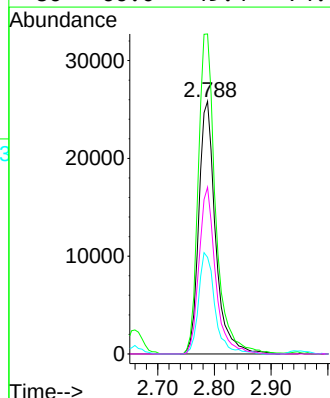
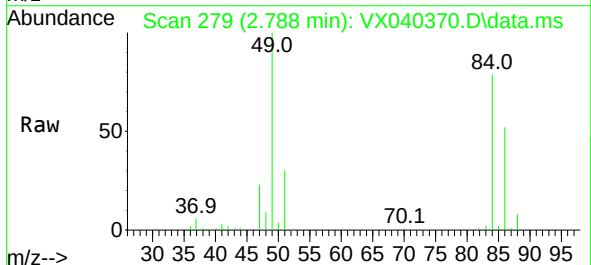
Manual Integrations
APPROVED

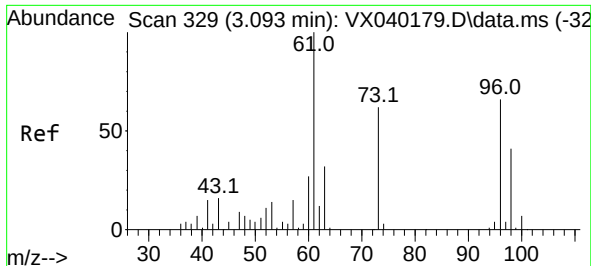
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#20
Methylene Chloride
Concen: 53.695 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

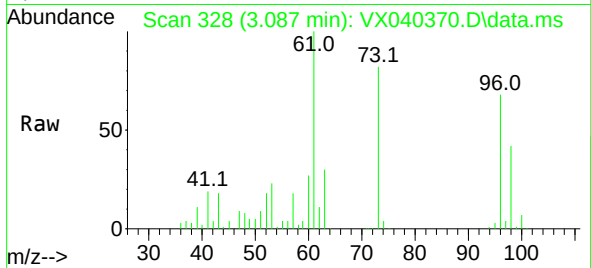
Tgt Ion: 84 Resp: 52904
Ion Ratio Lower Upper
84 100
49 126.7 103.6 155.4
51 38.3 33.8 50.6
86 66.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.234 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

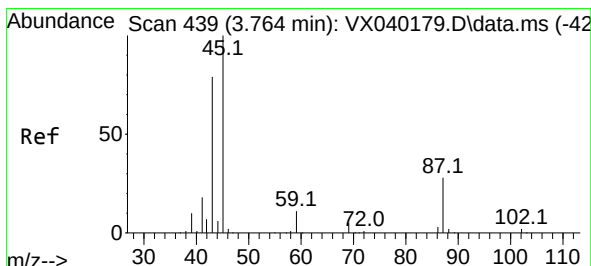
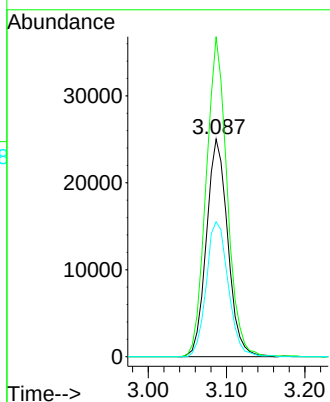
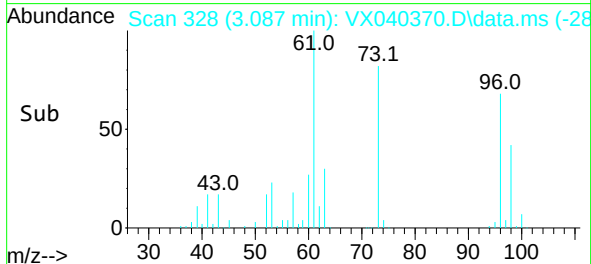
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



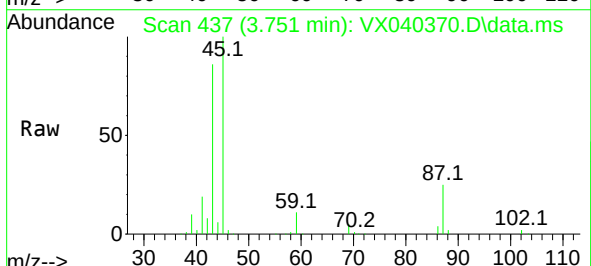
Tgt Ion: 96 Resp: 47340
Ion Ratio Lower Upper
96 100
61 147.1 119.2 178.8
98 62.0 48.7 73.1

Manual Integrations
APPROVED

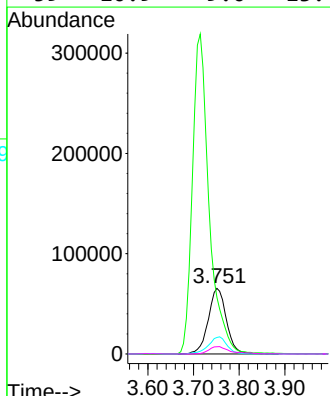
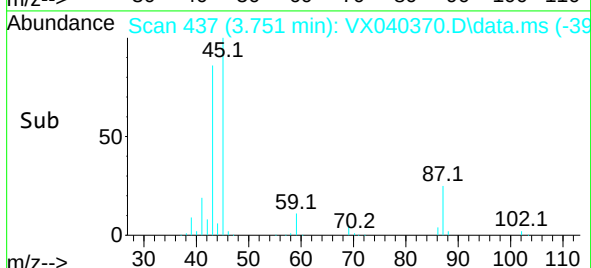
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

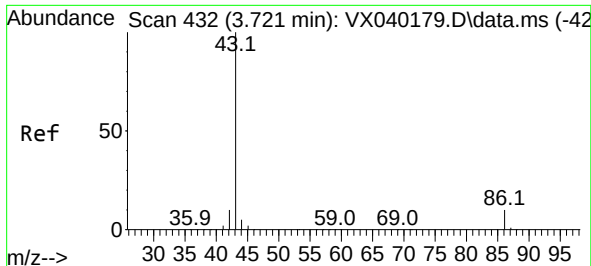


#22
Diisopropyl ether
Concen: 58.163 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion: 45 Resp: 180164
Ion Ratio Lower Upper
45 100
43 85.6 69.7 104.5
87 25.2 20.8 31.2
59 10.9 9.0 13.4





#23
Vinyl Acetate
Concen: 294.277 ug/l
RT: 3.715 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

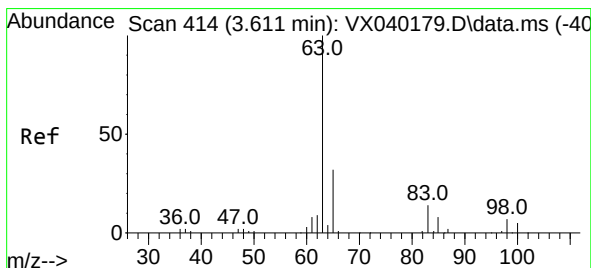
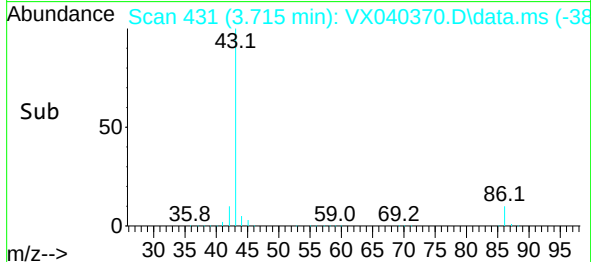
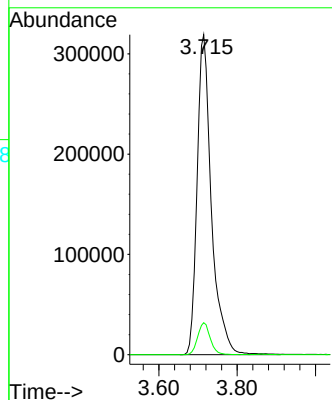
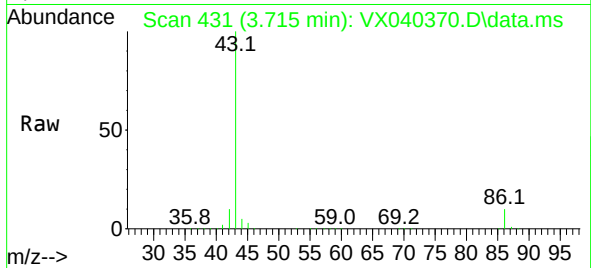
VSTDCCC050

Tgt Ion: 43 Resp: 81260
Ion Ratio Lower Upper
43 100
86 10.0 7.8 11.8

Manual Integrations

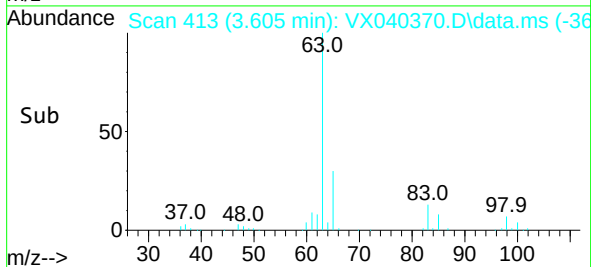
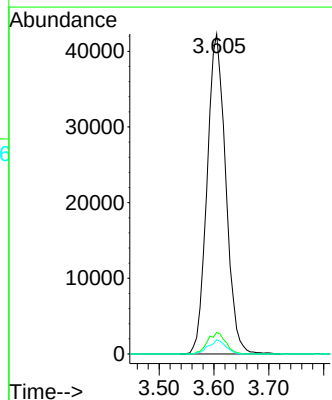
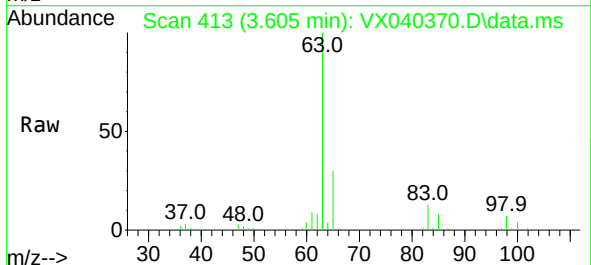
APPROVED

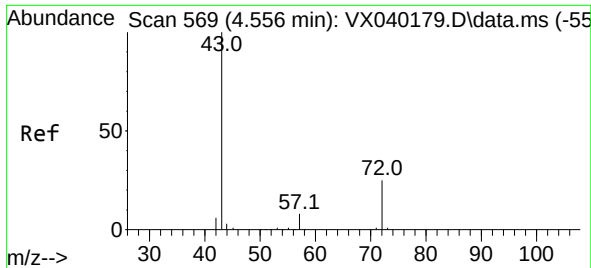
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#24
1,1-Dichloroethane
Concen: 55.187 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion: 63 Resp: 99576
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.8
100 4.4 2.1 6.5





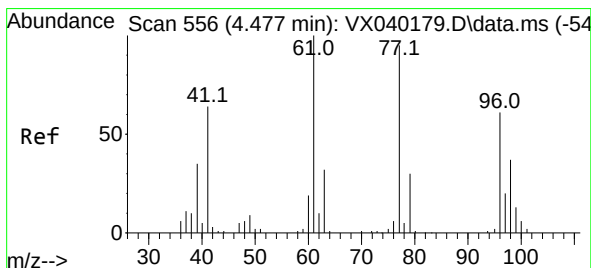
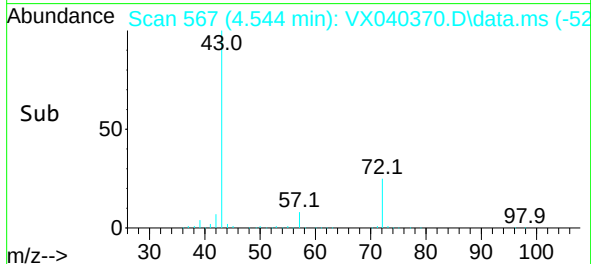
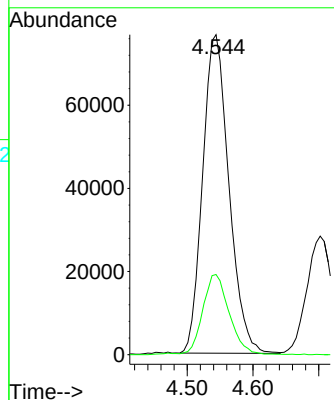
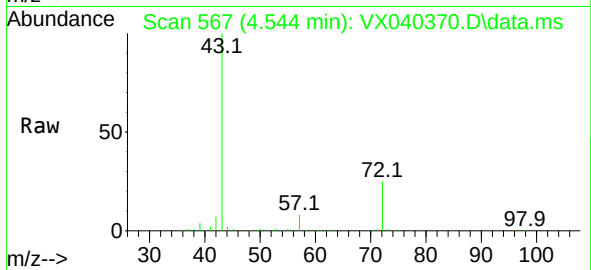
#25
2-Butanone
Concen: 258.682 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 21298
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

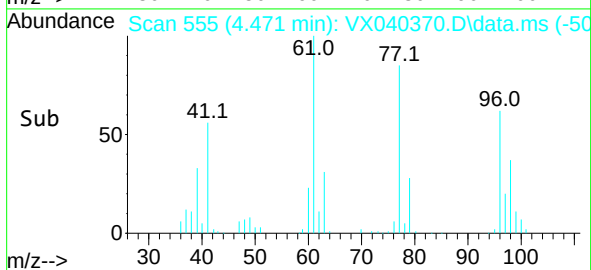
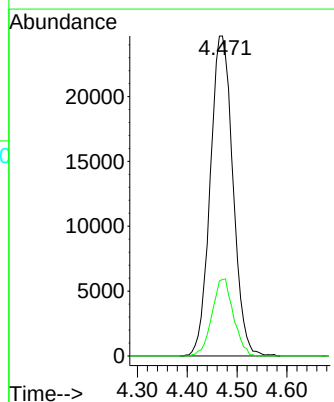
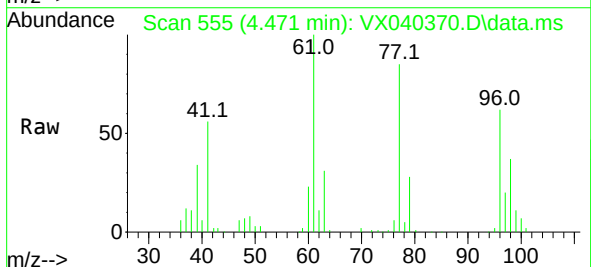
Manual Integrations
APPROVED

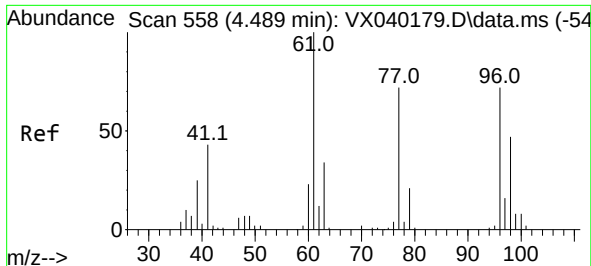
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#26
2,2-Dichloropropane
Concen: 56.119 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

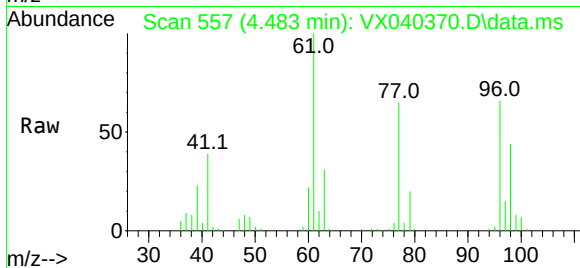
Tgt Ion: 77 Resp: 77948
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.383 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

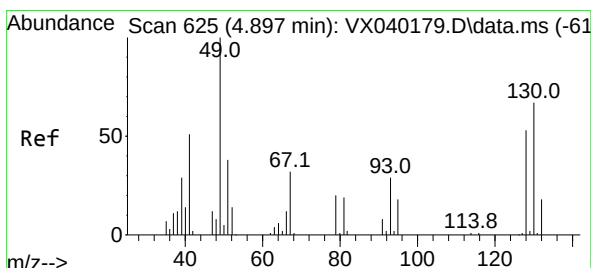
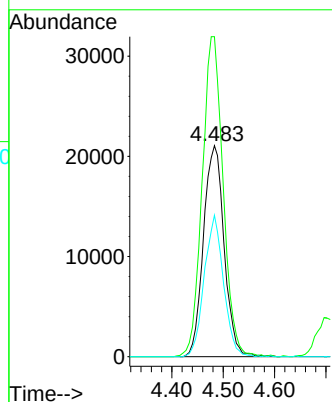
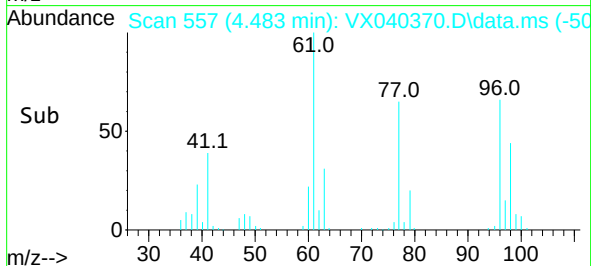
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 58750
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 312.2
 98 62.6 0.0 129.0

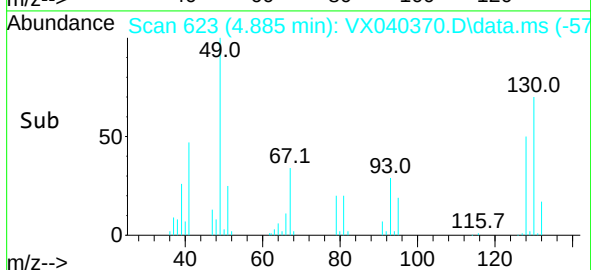
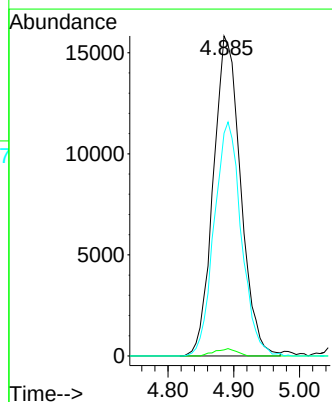
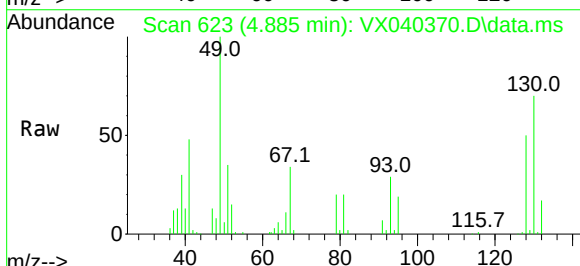
Manual Integrations
 APPROVED

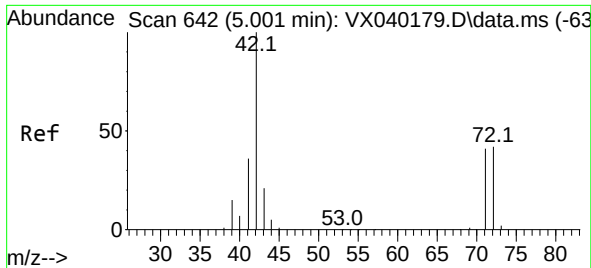
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024



#28
 Bromochloromethane
 Concen: 59.802 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

Tgt Ion: 49 Resp: 45813
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 72.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 247.729 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13288

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

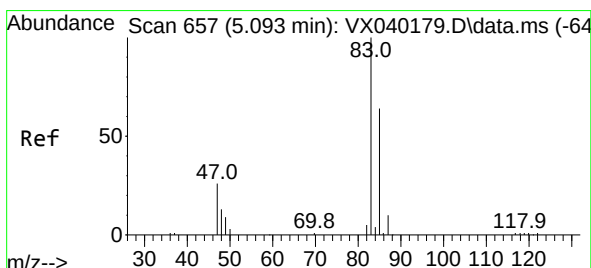
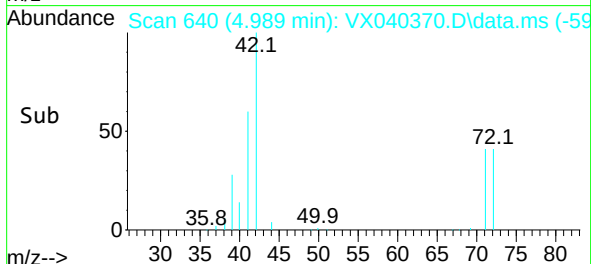
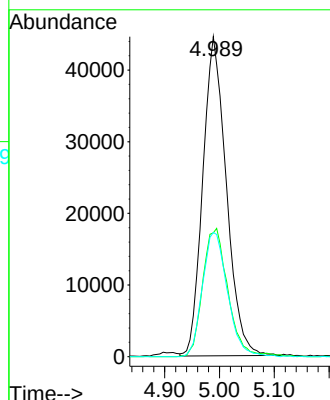
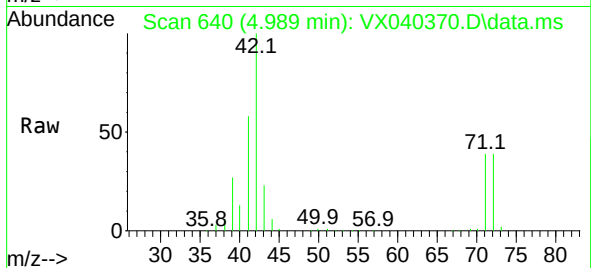
71 41.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#30

Chloroform

Concen: 54.019 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX040370.D

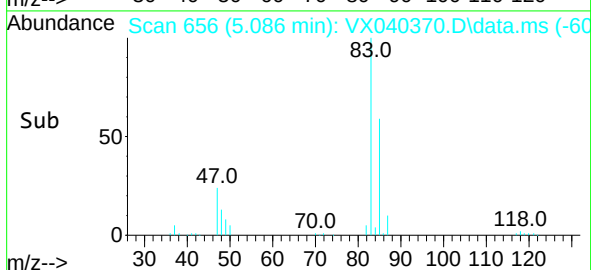
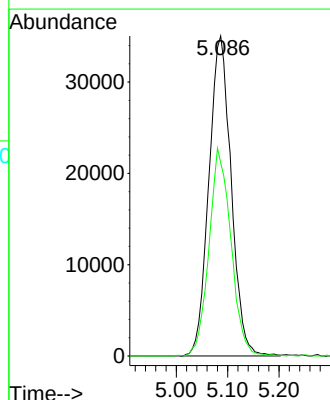
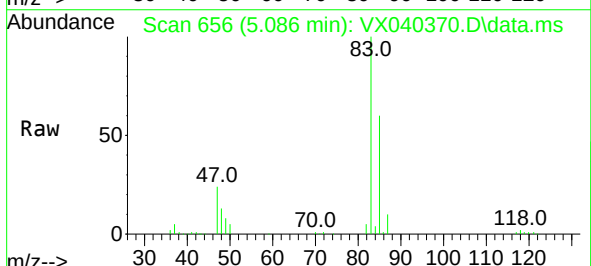
Acq: 21 Feb 2024 10:46

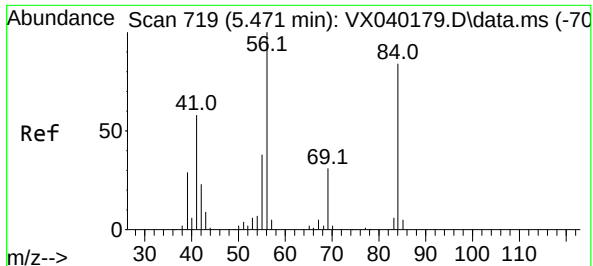
Tgt Ion: 83 Resp: 105382

Ion Ratio Lower Upper

83 100

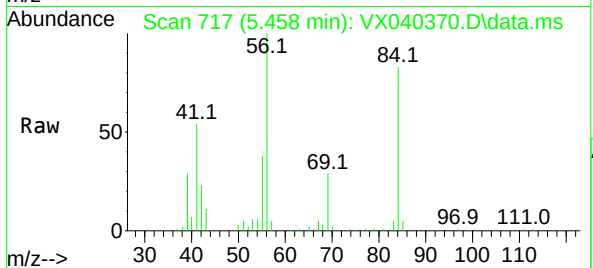
85 60.2 50.3 75.5





#31
Cyclohexane
Concen: 48.133 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

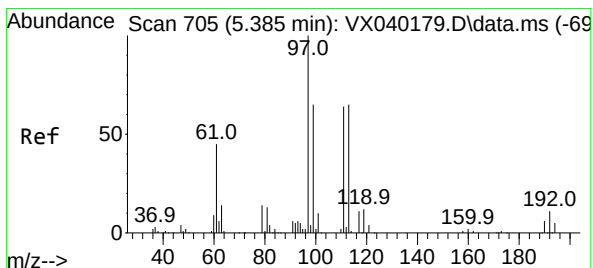
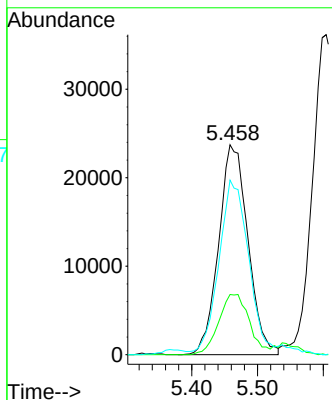
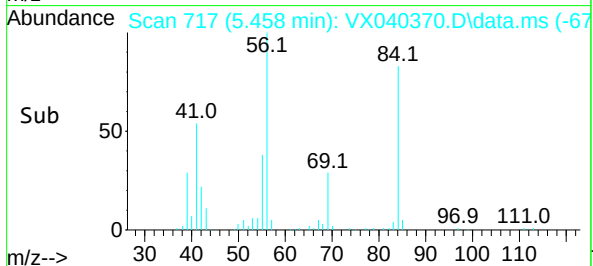
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 73629
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.2
84 81.0 65.9 98.9

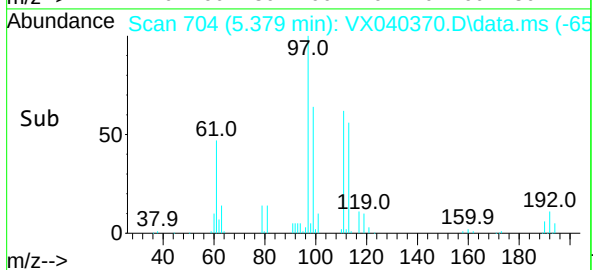
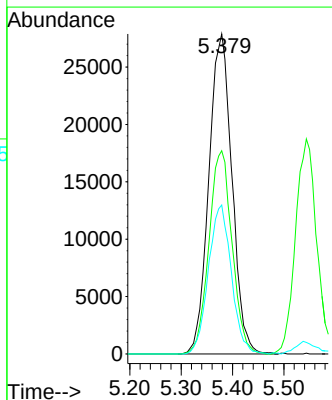
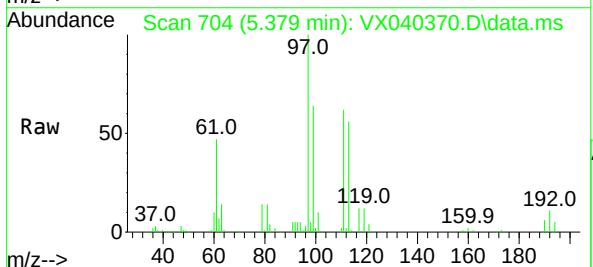
Manual Integrations
APPROVED

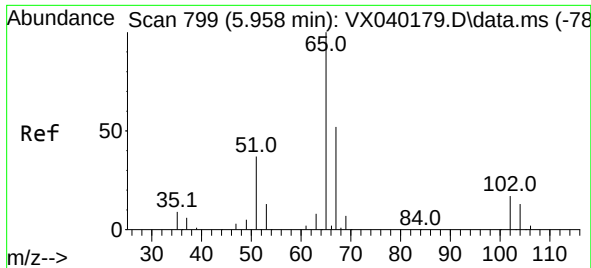
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#32
1,1,1-Trichloroethane
Concen: 53.098 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion: 97 Resp: 87142
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 46.2 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 51.175 ug/l
 RT: 5.946 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

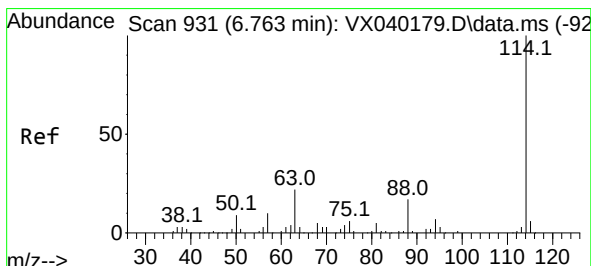
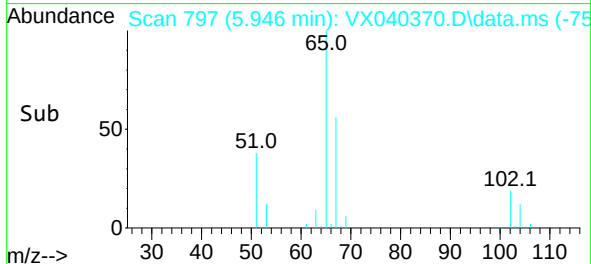
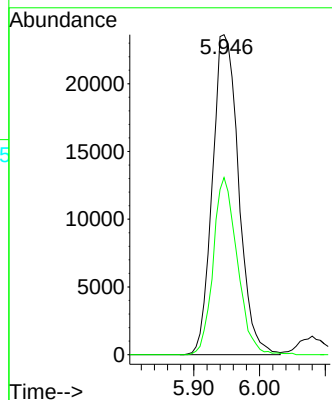
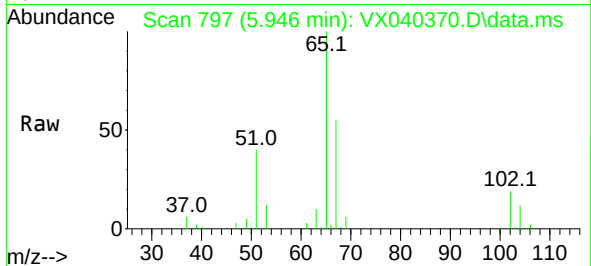
VSTDCCC050

Tgt Ion: 65 Resp: 6563
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2

Manual Integrations

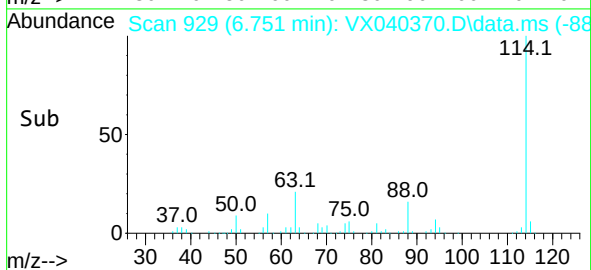
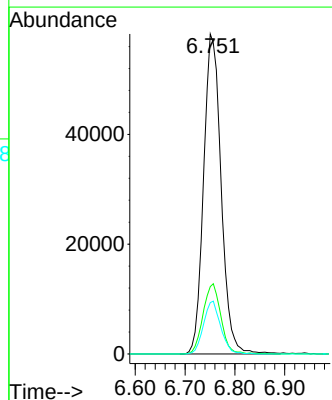
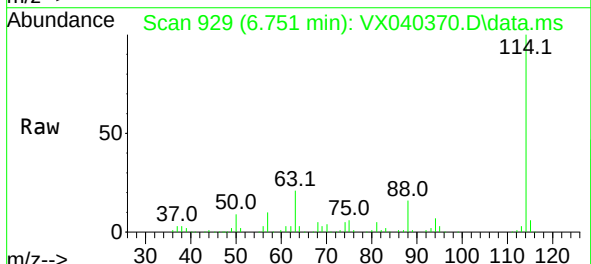
APPROVED

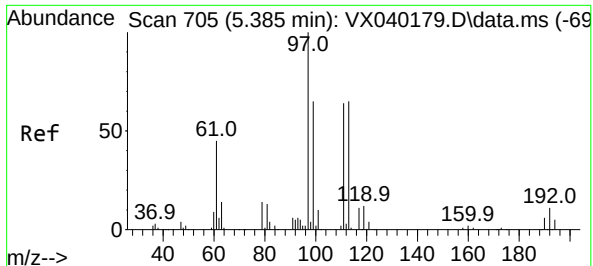
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.012 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

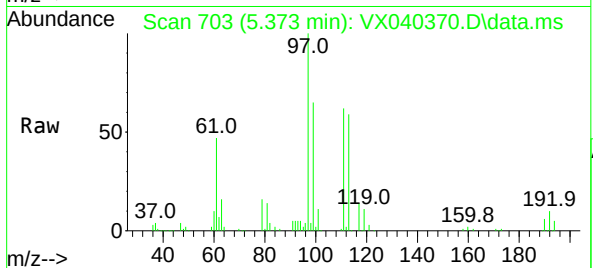
Tgt Ion:114 Resp: 142300
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.700 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

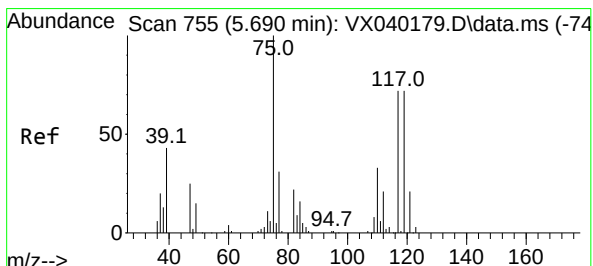
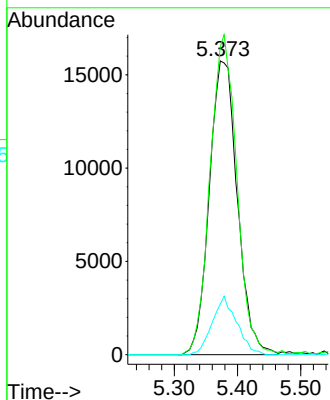
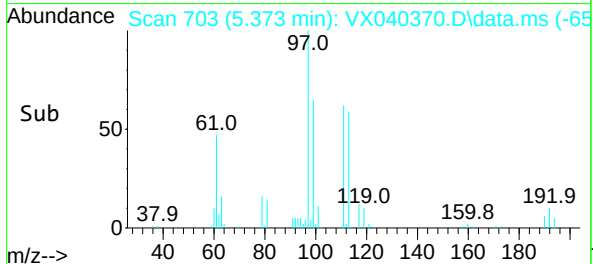
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 4839
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 17.4 13.3 19.9

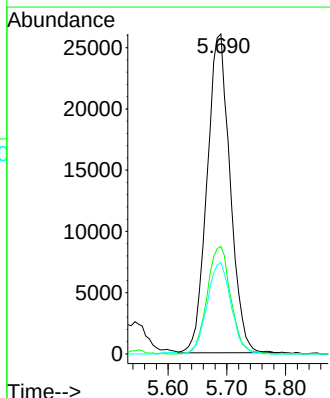
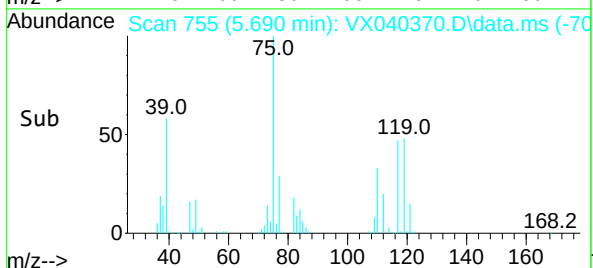
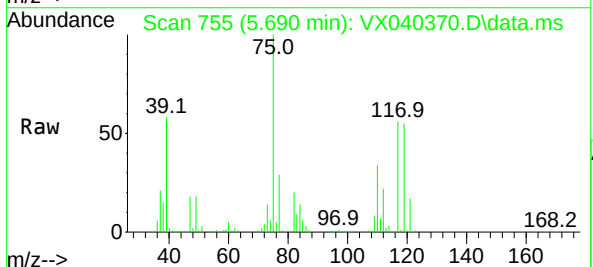
Manual Integrations
APPROVED

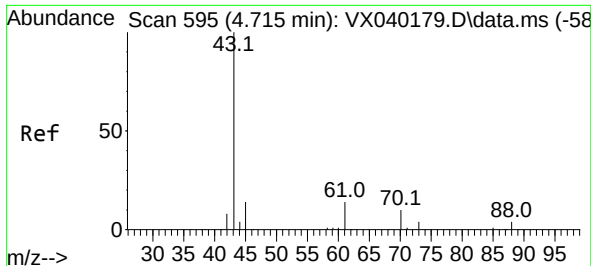
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#36
1,1-Dichloropropene
Concen: 50.892 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

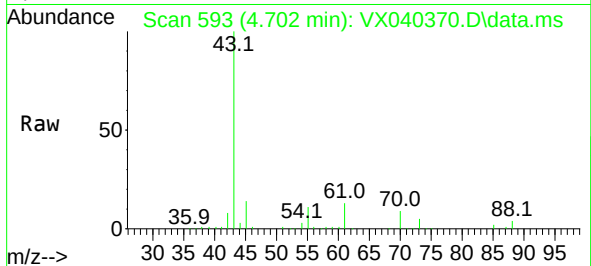
Tgt Ion: 75 Resp: 70846
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 29.8 24.7 37.1





#37
Ethyl Acetate
Concen: 52.737 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.018 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

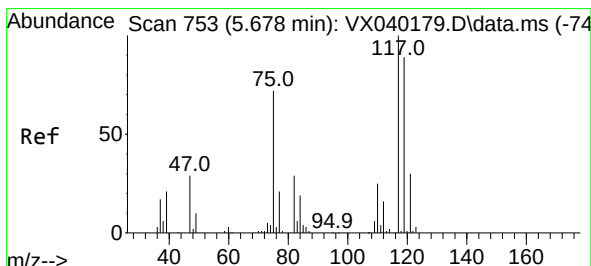
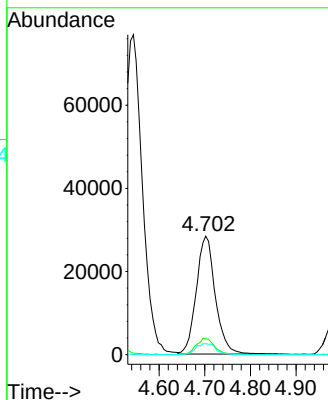
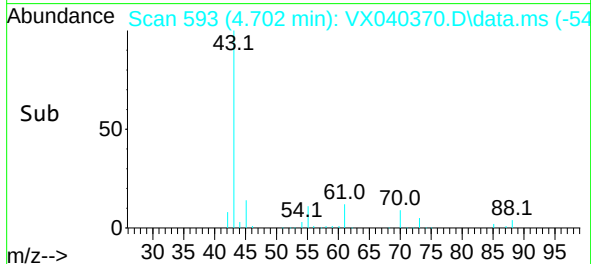
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 81688
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.0 8.3 12.5

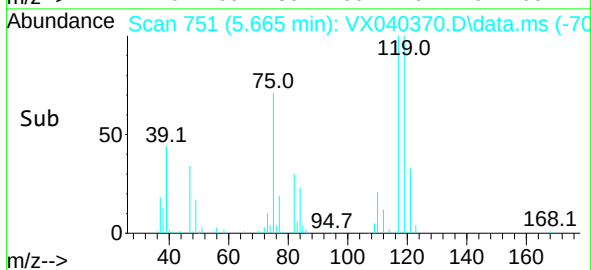
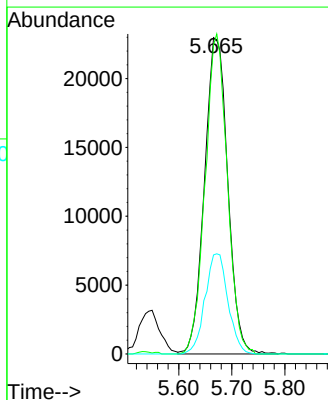
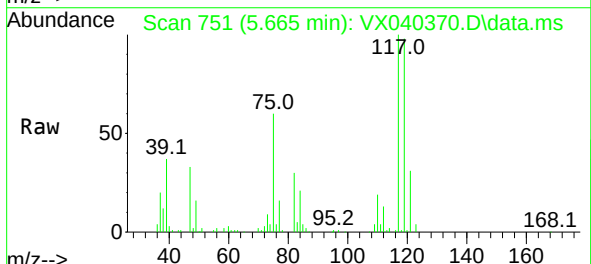
Manual Integrations
APPROVED

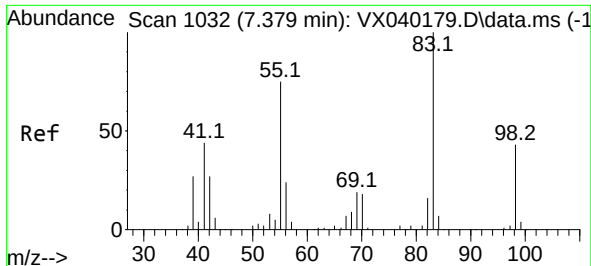
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#38
Carbon Tetrachloride
Concen: 52.971 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion:117 Resp: 70111
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 48.092 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 7780

Ion Ratio Lower Upper

83 100

55 77.3 64.6 97.0

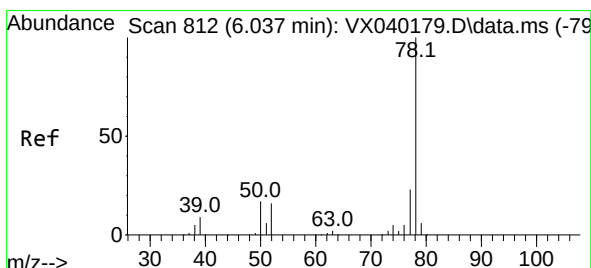
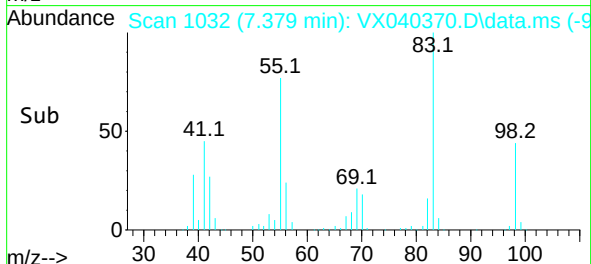
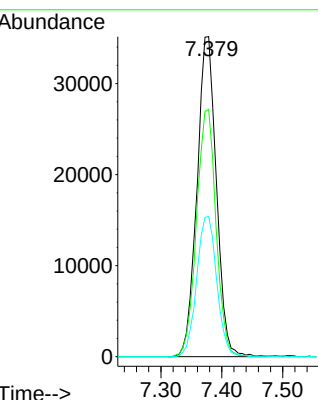
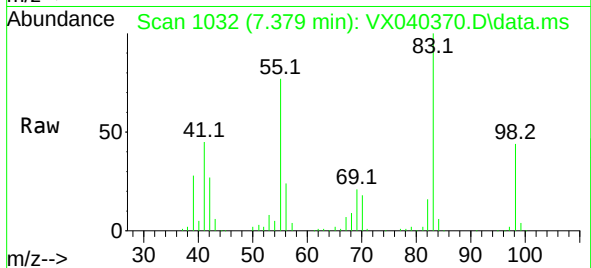
98 43.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#40

Benzene

Concen: 51.451 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX040370.D

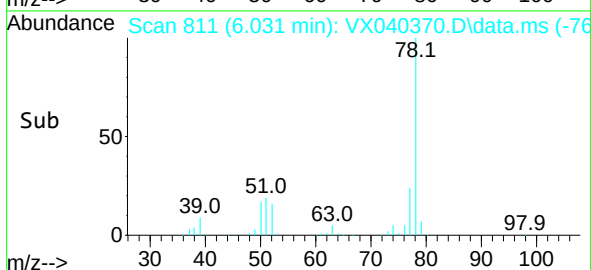
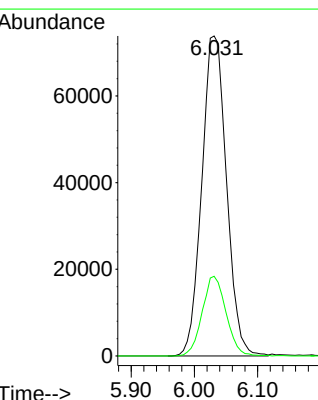
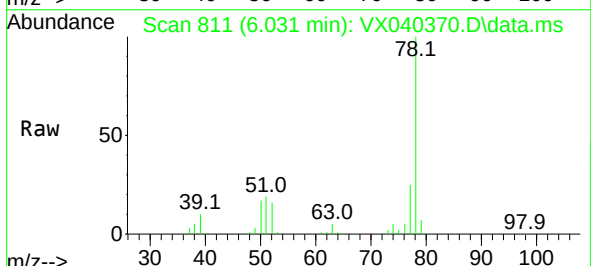
Acq: 21 Feb 2024 10:46

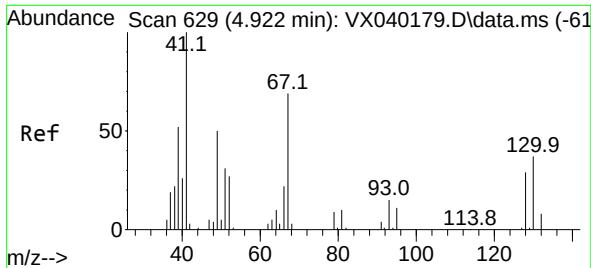
Tgt Ion: 78 Resp: 200292

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9





#41
Methacrylonitrile
Concen: 55.511 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

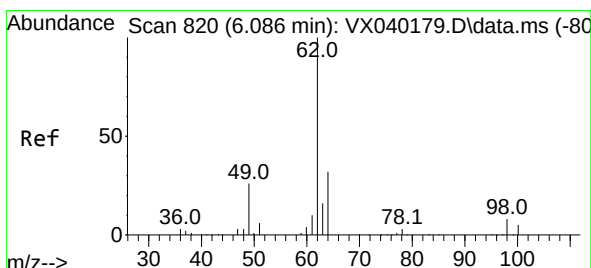
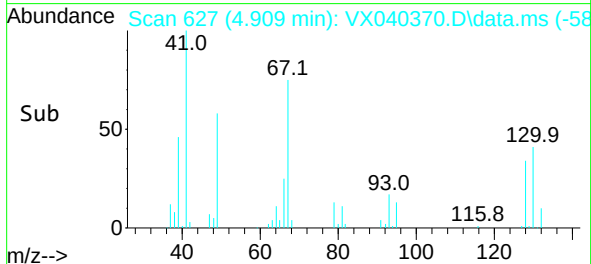
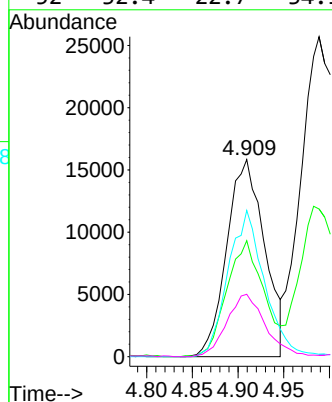
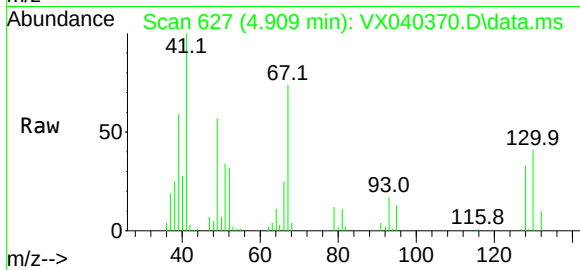
Tgt Ion: 41 Resp: 4558
Ion Ratio Lower Upper
41 100
39 57.4 45.2 67.8
67 72.0 52.6 78.8
52 32.4 22.7 34.1

Manual Integrations

APPROVED

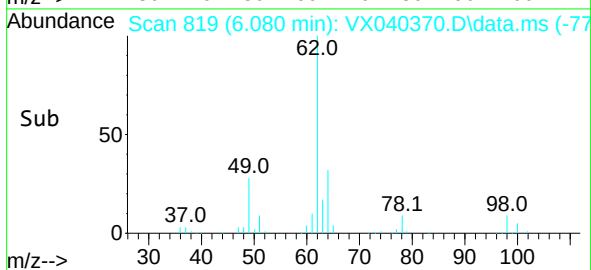
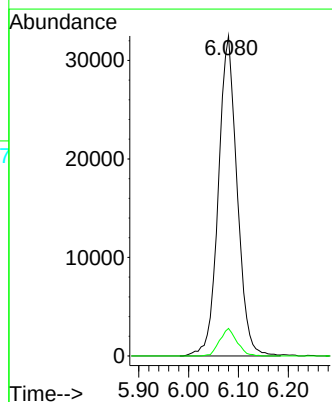
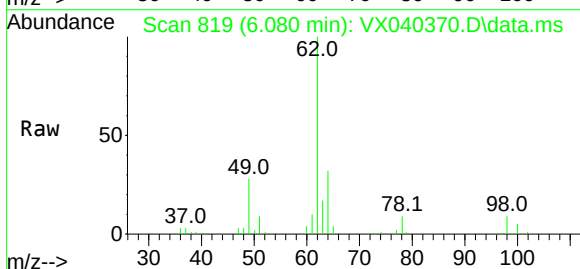
Reviewed By :John Carlone 02/22/2024

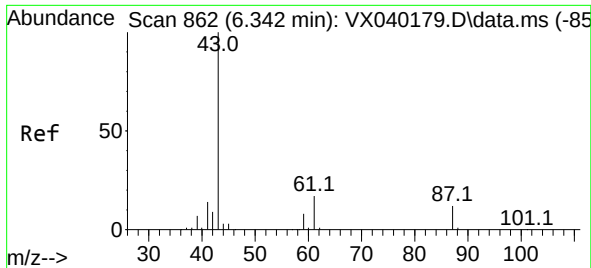
Supervised By :Mahesh Dadoda 02/22/2024



#42
1,2-Dichloroethane
Concen: 55.731 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion: 62 Resp: 84801
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 55.850 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13504

Ion Ratio Lower Upper

43 100

61 18.1 15.2 22.8

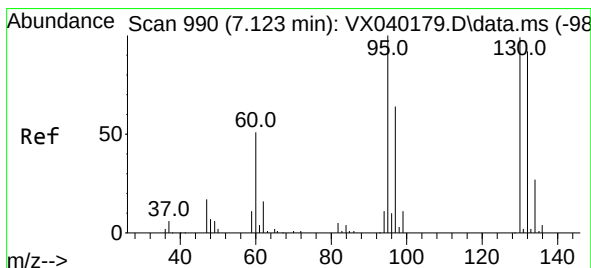
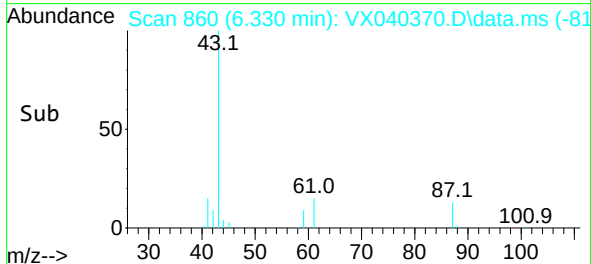
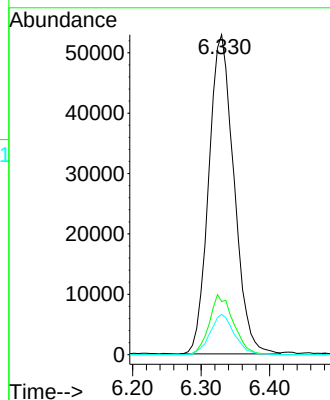
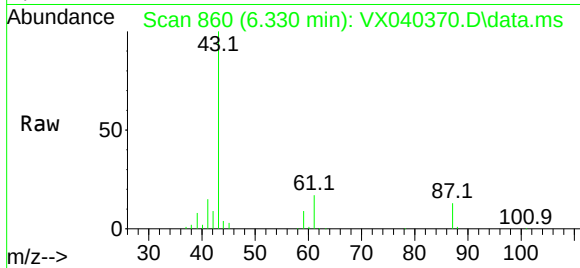
87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#44

Trichloroethene

Concen: 49.217 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.012 min

Lab File: VX040370.D

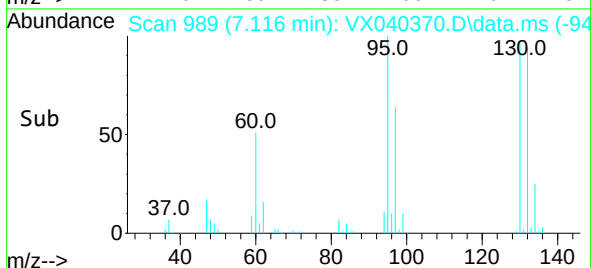
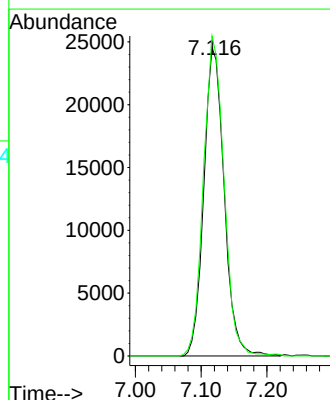
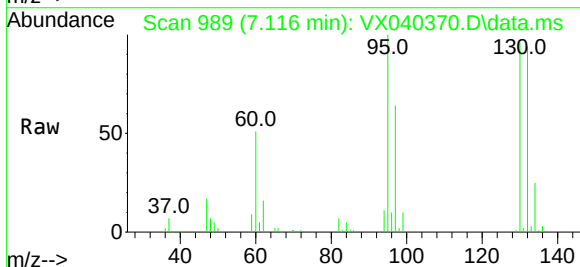
Acq: 21 Feb 2024 10:46

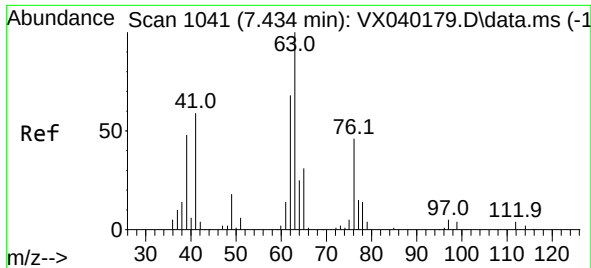
Tgt Ion:130 Resp: 52850

Ion Ratio Lower Upper

130 100

95 103.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.786 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 57538

Ion Ratio Lower Upper

63 100

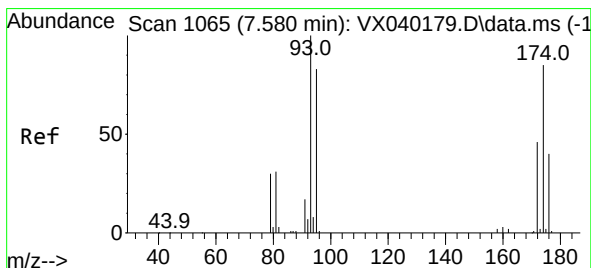
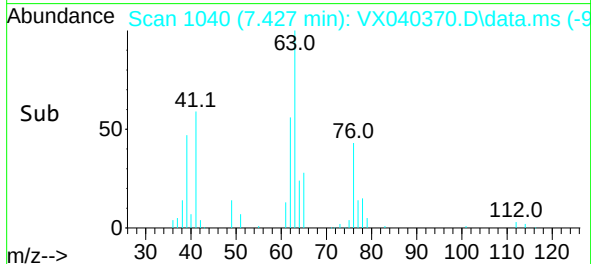
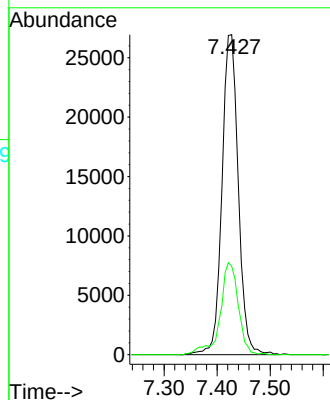
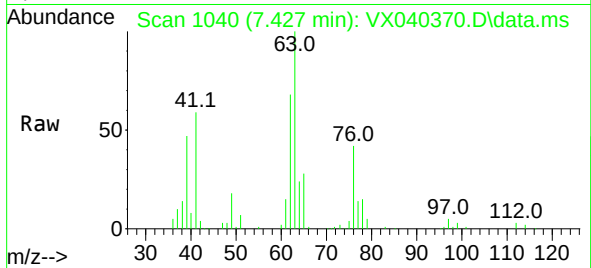
65 27.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#46

Dibromomethane

Concen: 54.606 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.012 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

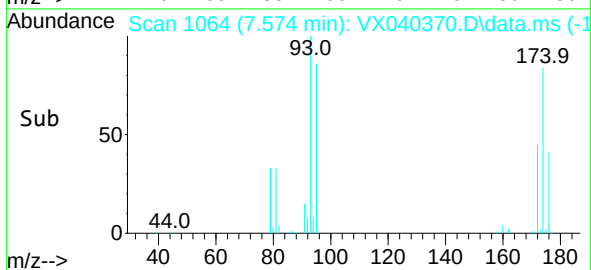
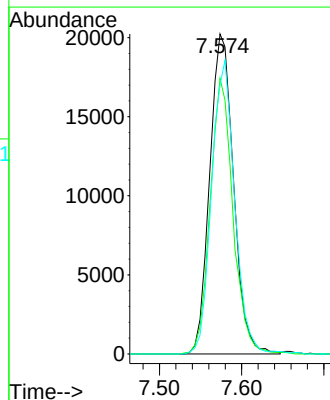
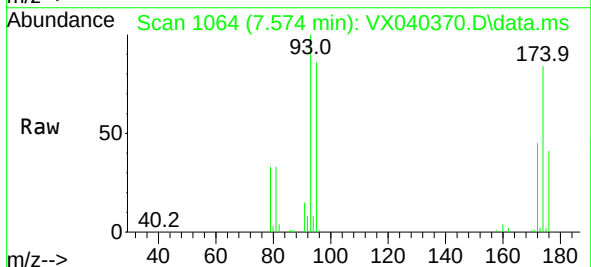
Tgt Ion: 93 Resp: 40749

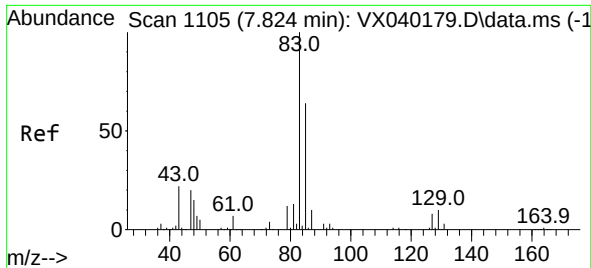
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 89.1 69.4 104.0





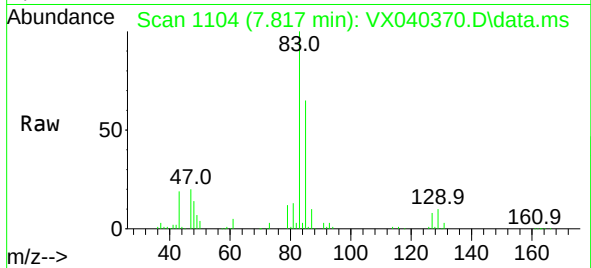
#47
Bromodichloromethane
Concen: 56.006 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



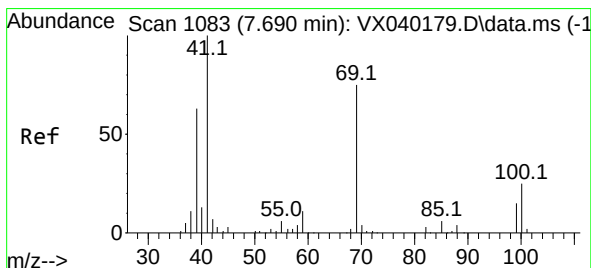
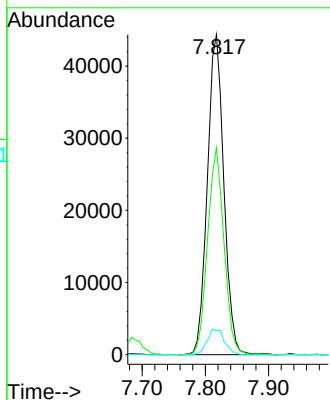
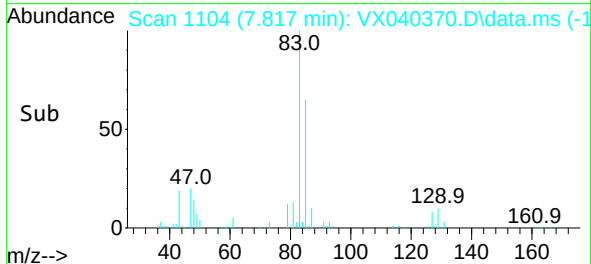
Tgt Ion: 83 Resp: 80530
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 7.5 7.1 10.7

Manual Integrations

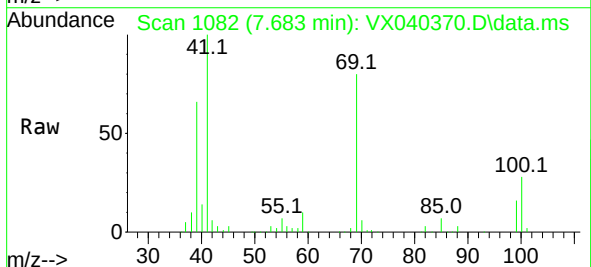
APPROVED

Reviewed By :John Carlone 02/22/2024

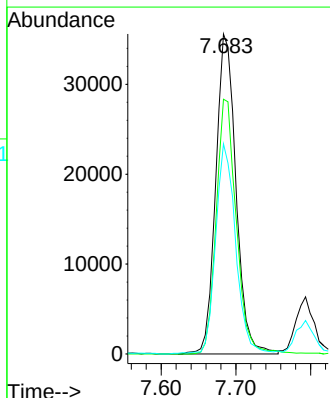
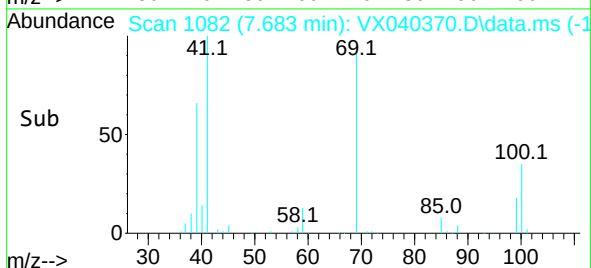
Supervised By :Mahesh Dadoda 02/22/2024

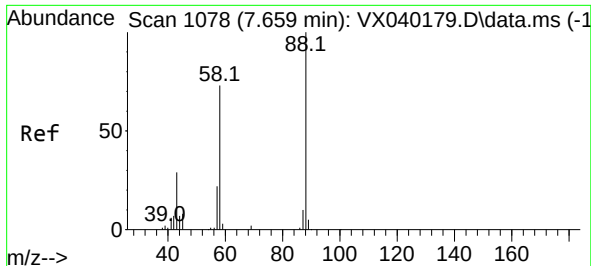


#48
Methyl methacrylate
Concen: 54.273 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion: 41 Resp: 67149
Ion Ratio Lower Upper
41 100
69 79.3 59.2 88.8
39 65.1 47.7 71.5





#49

1,4-Dioxane

Concen: 825.240 ug/l

RT: 7.647 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

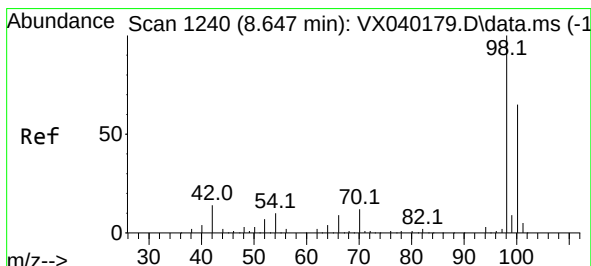
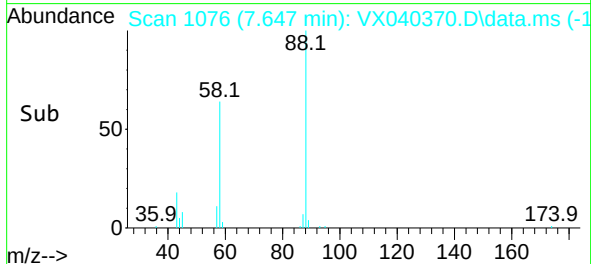
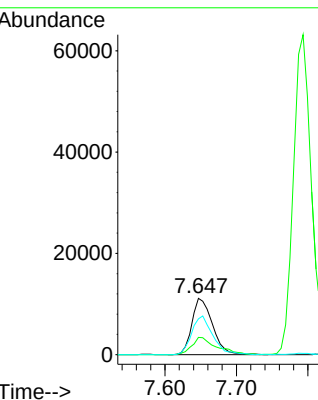
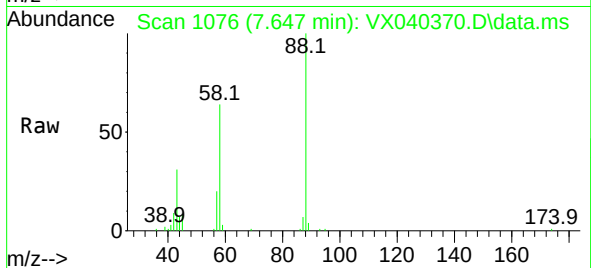
Tgt Ion: 88 Resp: 22212
 Ion Ratio Lower Upper
 88 100
 43 37.3 0.0 0.0
 58 70.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#50

Toluene-d8

Concen: 47.215 ug/l

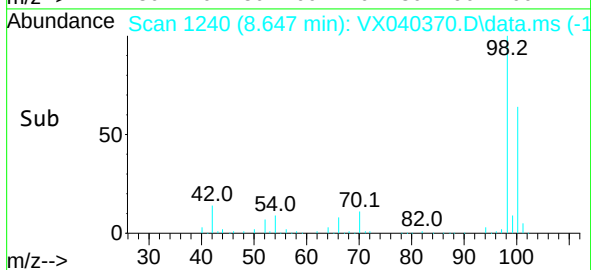
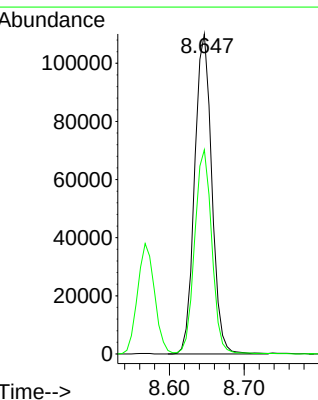
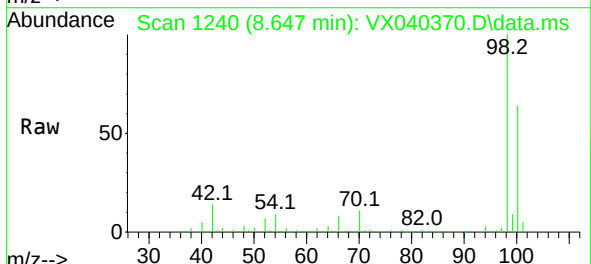
RT: 8.647 min Scan# 1240

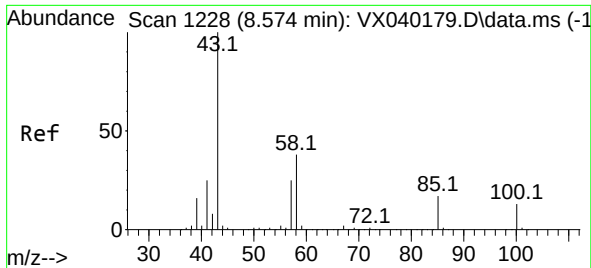
Delta R.T. -0.006 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

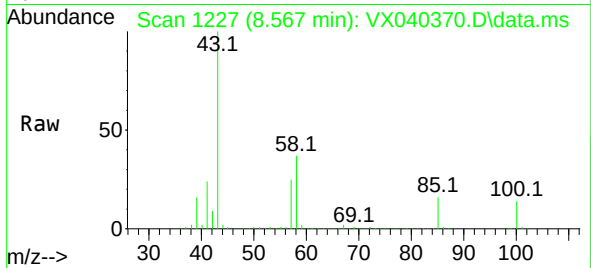
Tgt Ion: 98 Resp: 175512
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 268.397 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

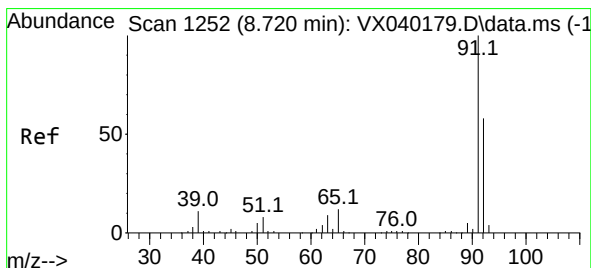
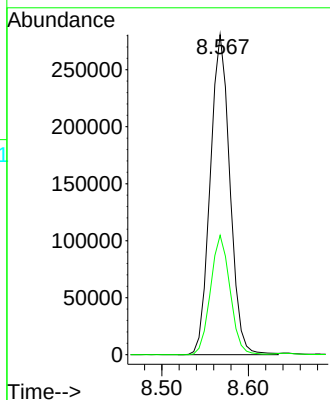
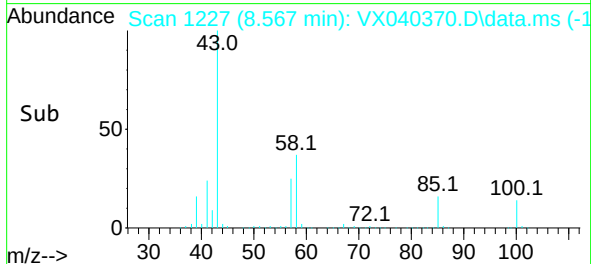
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



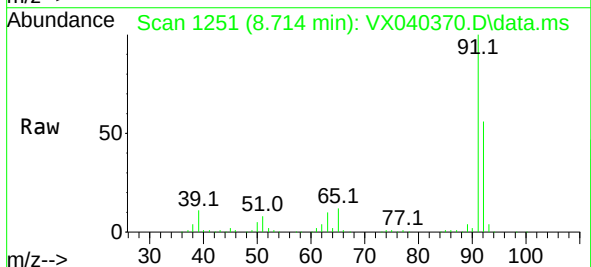
Tgt Ion: 43 Resp: 443088
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6

Manual Integrations
APPROVED

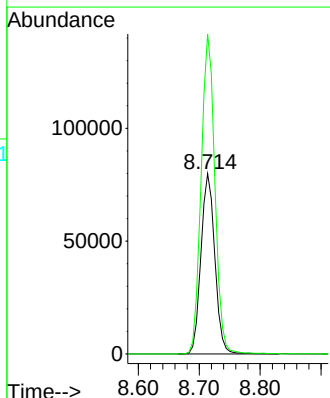
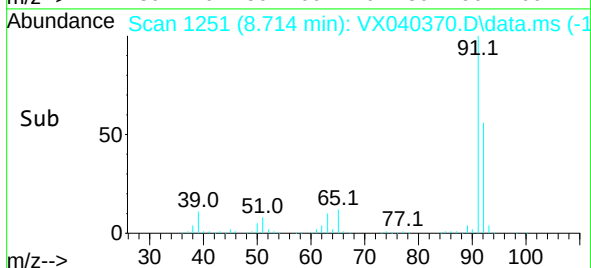
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

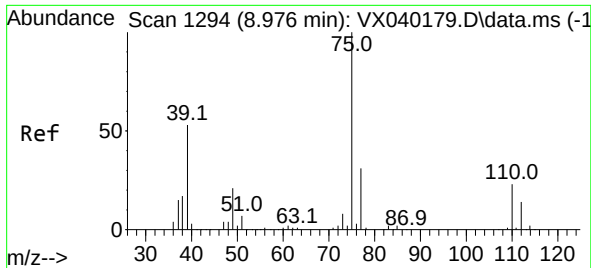


#52
Toluene
Concen: 49.564 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion: 92 Resp: 126381
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.793 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

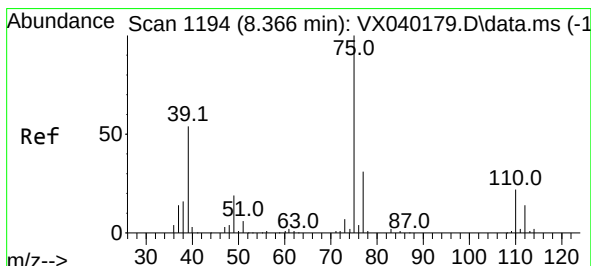
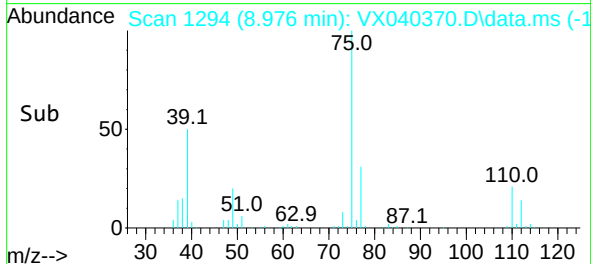
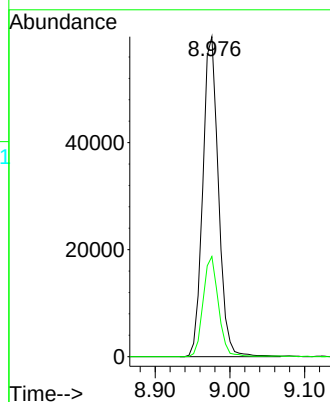
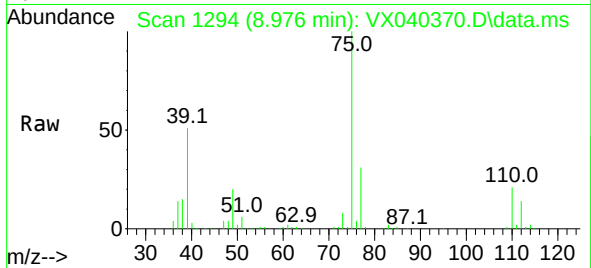
VSTDCCC050

Tgt Ion: 75 Resp: 86944
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

Manual Integrations

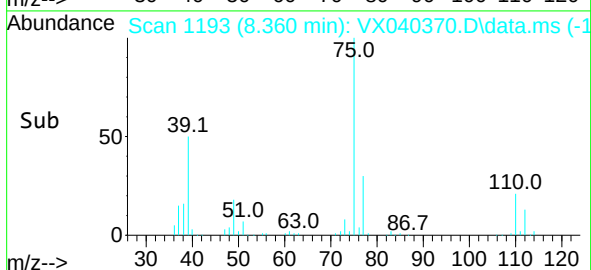
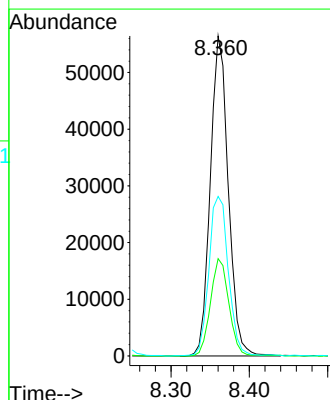
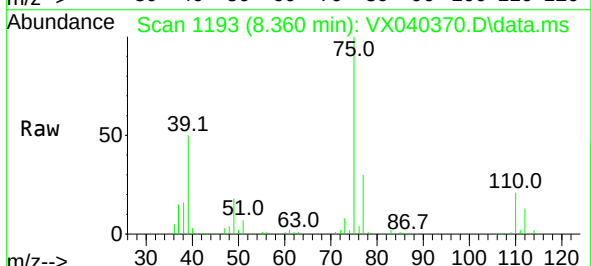
APPROVED

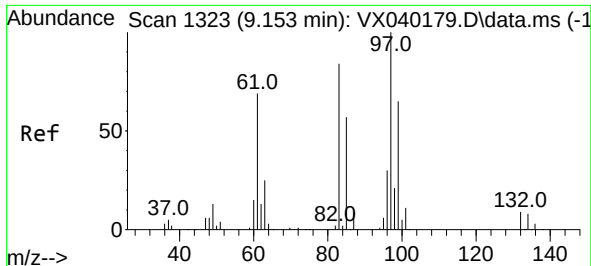
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#54
cis-1,3-Dichloropropene
Concen: 55.804 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

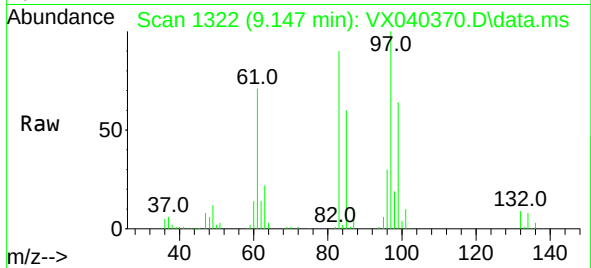
Tgt Ion: 75 Resp: 89926
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 49.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.945 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

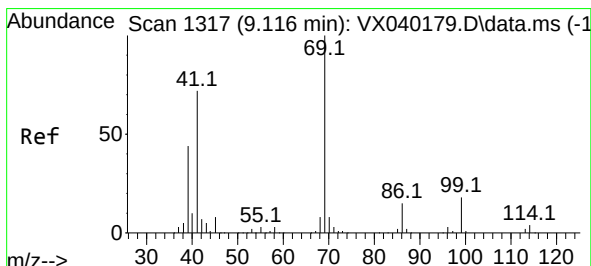
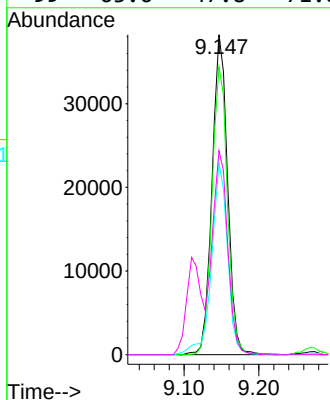
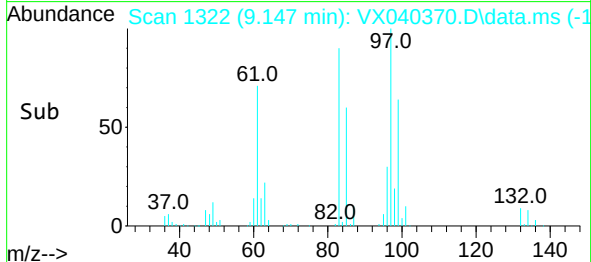
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



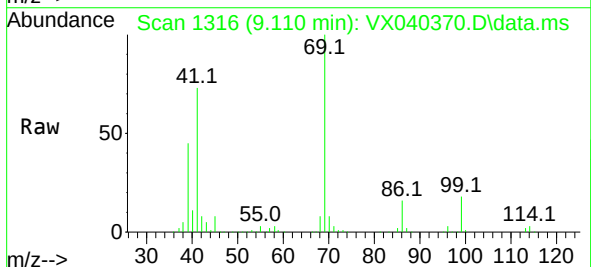
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	65.8	98.8
85	59.7	41.6	62.4
99	63.6	47.8	71.8

Manual Integrations
APPROVED

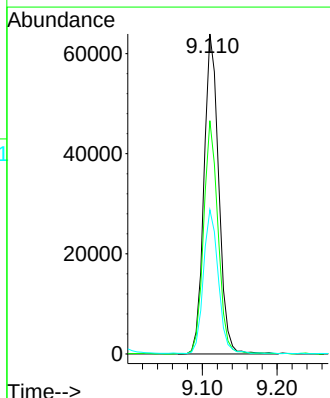
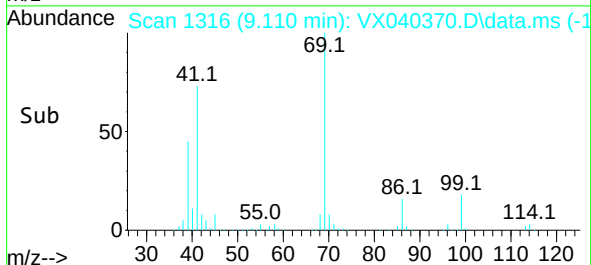
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

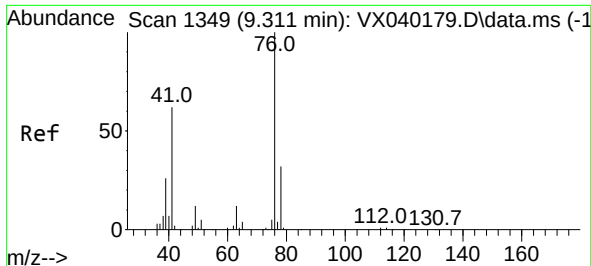


#56
Ethyl methacrylate
Concen: 53.878 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.8	85.2
39	45.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 54.424 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

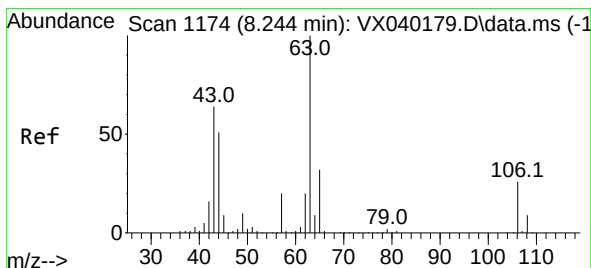
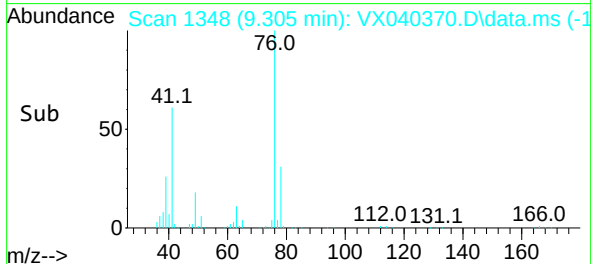
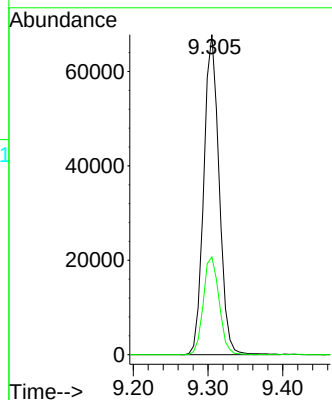
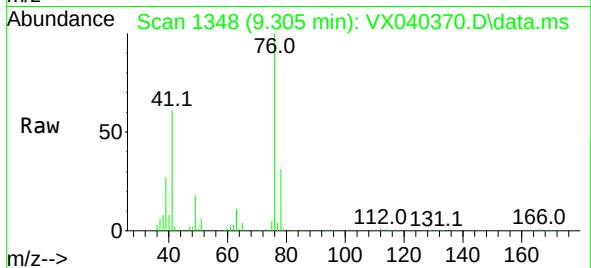
VSTDCCC050

Tgt Ion: 76 Resp: 96610
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

Manual Integrations

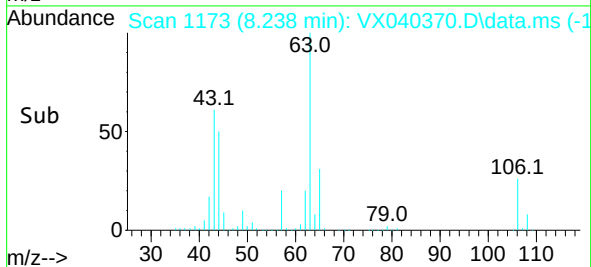
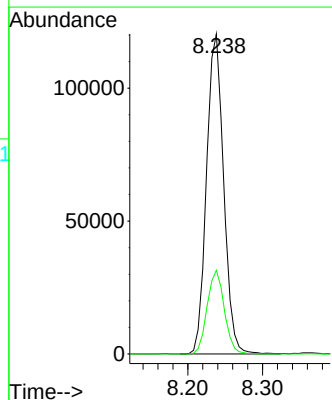
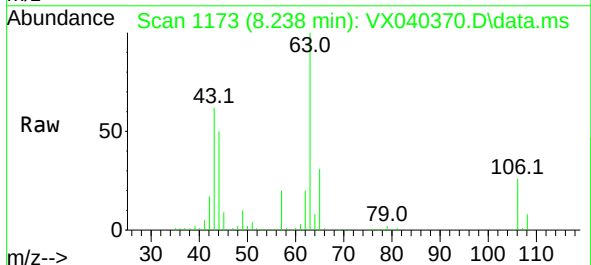
APPROVED

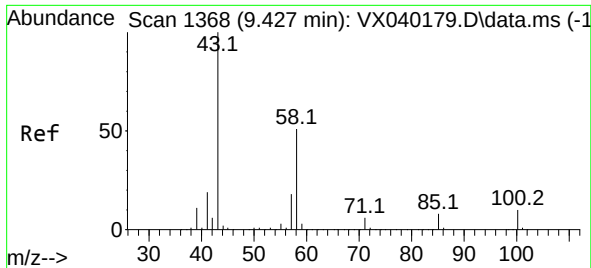
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 248.311 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

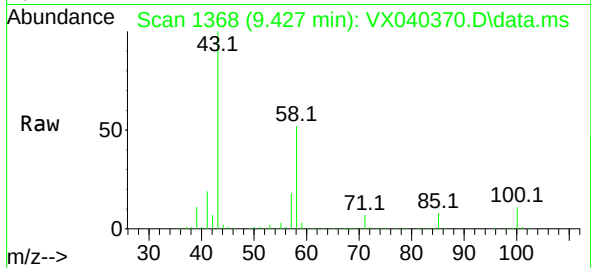
Tgt Ion: 63 Resp: 191248
Ion Ratio Lower Upper
63 100
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 264.280 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

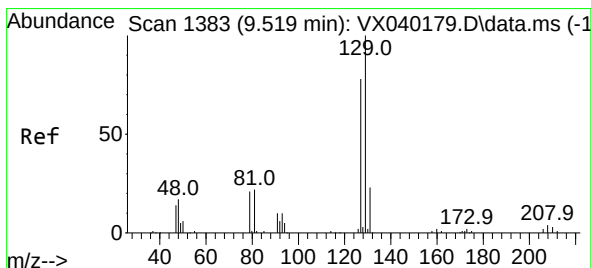
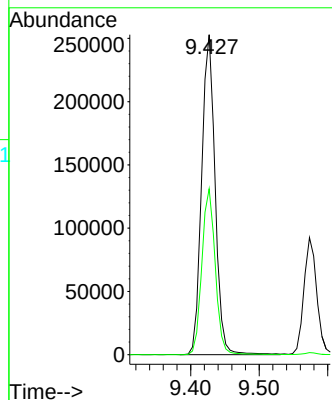
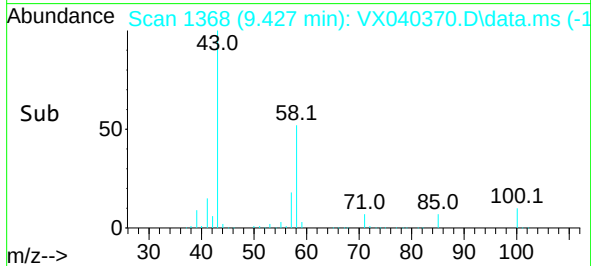
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 345911
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

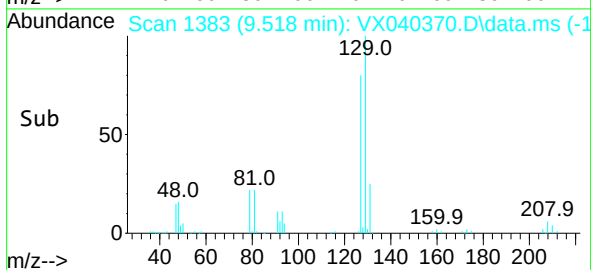
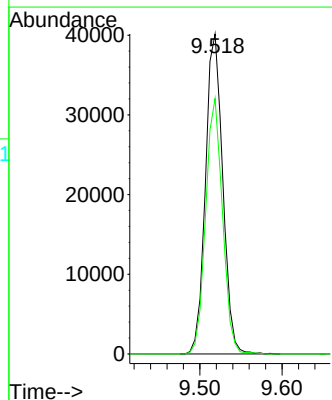
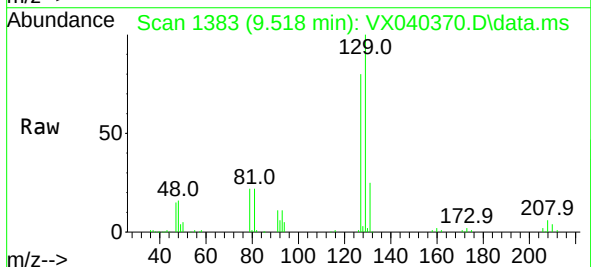
Manual Integrations
APPROVED

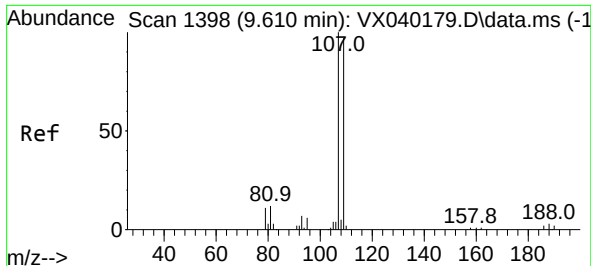
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#60
Dibromochloromethane
Concen: 52.807 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

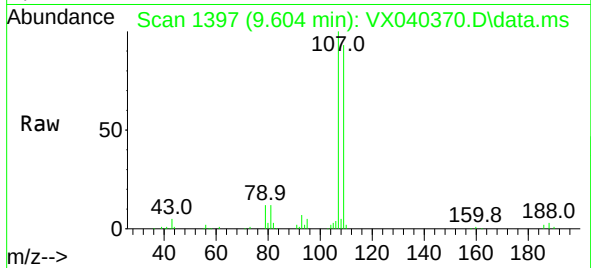
Tgt Ion:129 Resp: 58511
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.919 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

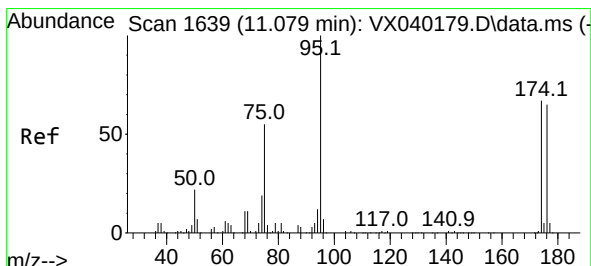
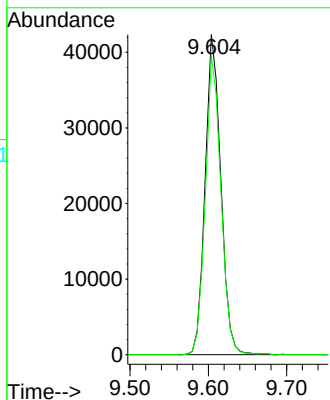
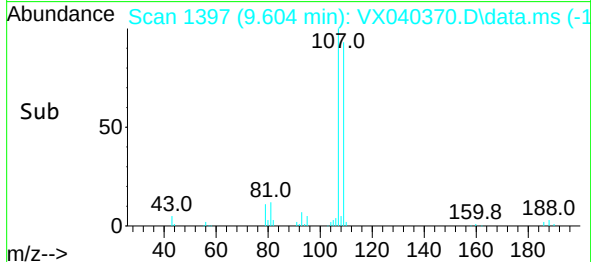
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



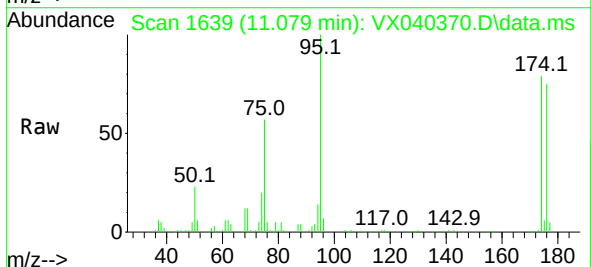
Tgt Ion:107 Resp: 5886
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
APPROVED

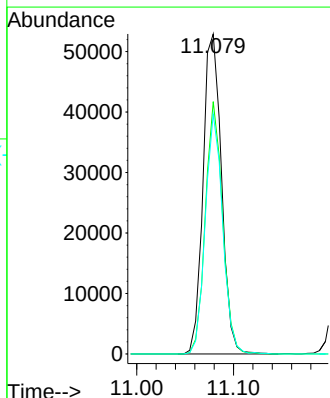
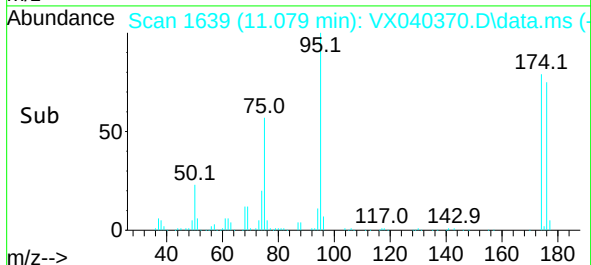
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

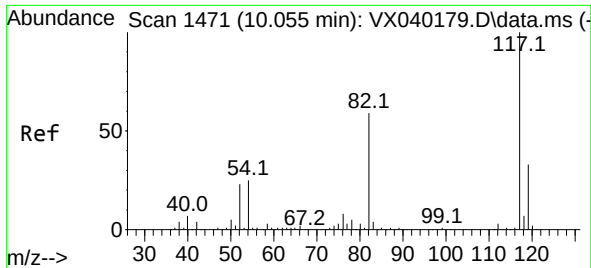


#62
4-Bromofluorobenzene
Concen: 46.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion: 95 Resp: 70217
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.8 0.0 131.0





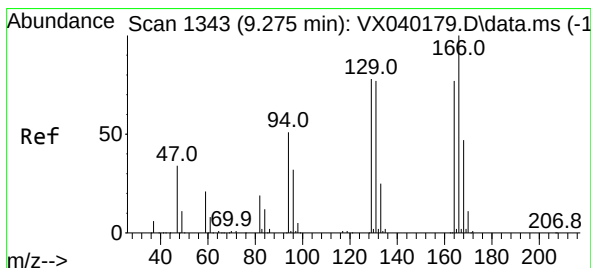
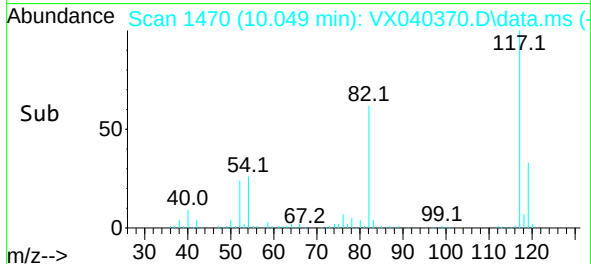
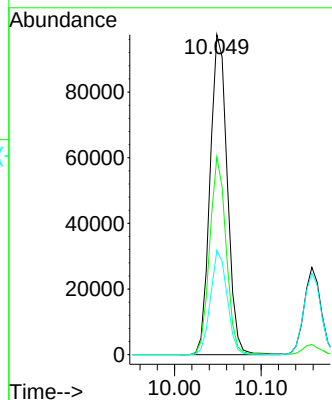
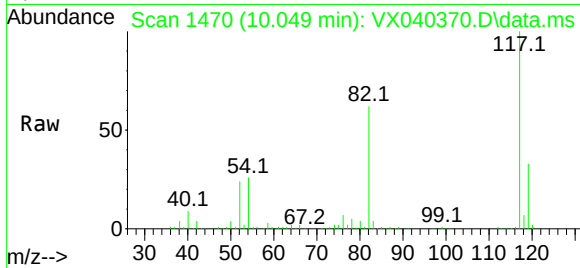
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 134095
Ion Ratio Lower Upper
117 100
82 61.7 46.2 69.4
119 32.6 25.5 38.3

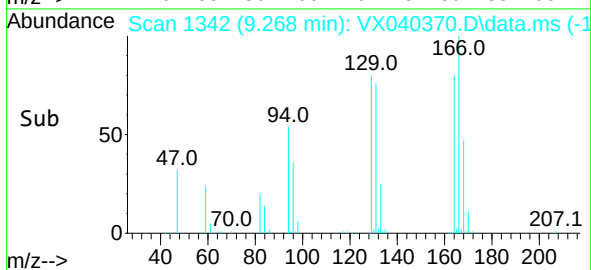
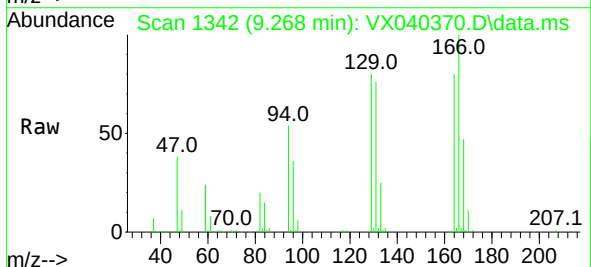
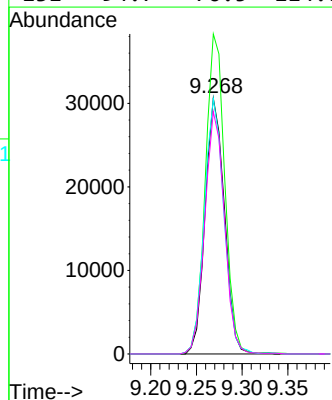
Manual Integrations
APPROVED

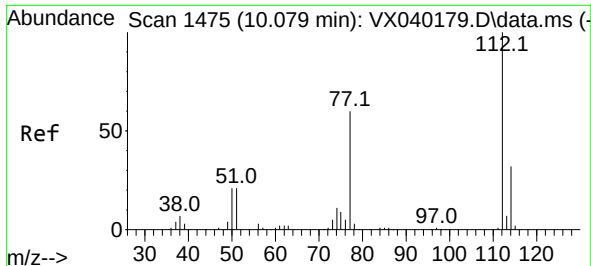
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#64
Tetrachloroethene
Concen: 47.717 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

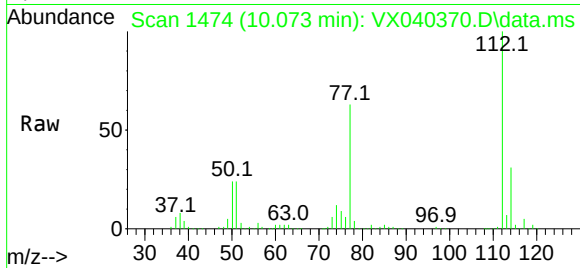
Tgt Ion:164 Resp: 44839
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 99.8 80.4 120.6
131 94.7 76.5 114.7





#65
Chlorobenzene
Concen: 50.005 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

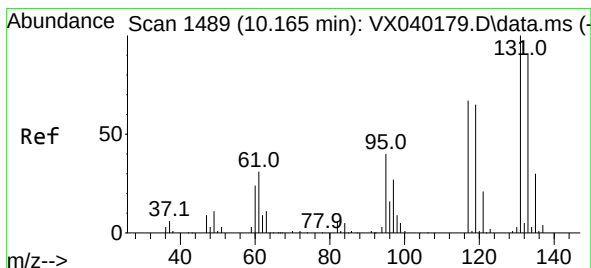
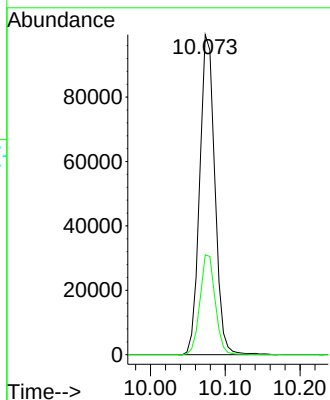
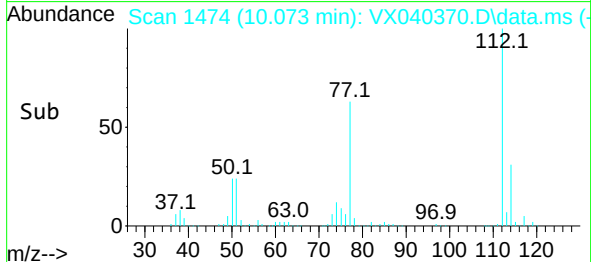
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 139940
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

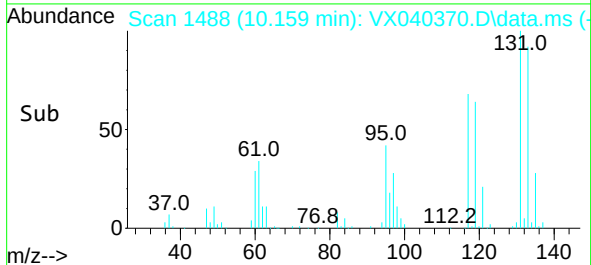
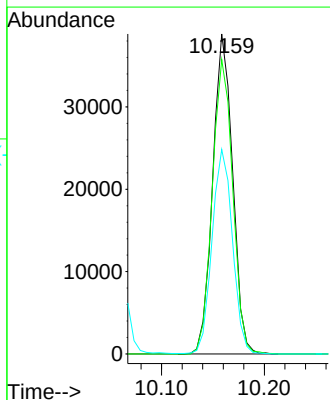
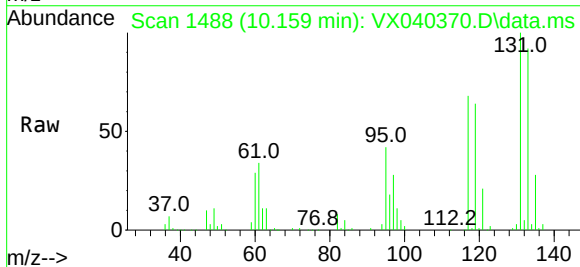
Manual Integrations
APPROVED

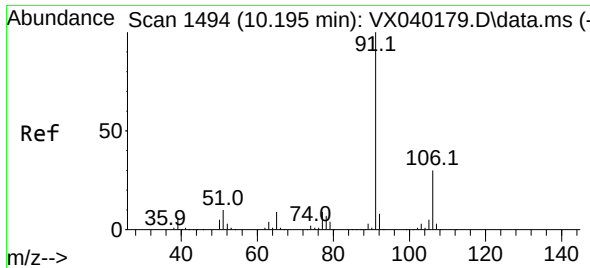
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.922 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

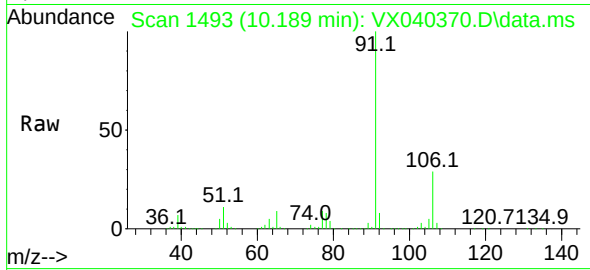
Tgt Ion:131 Resp: 52265
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

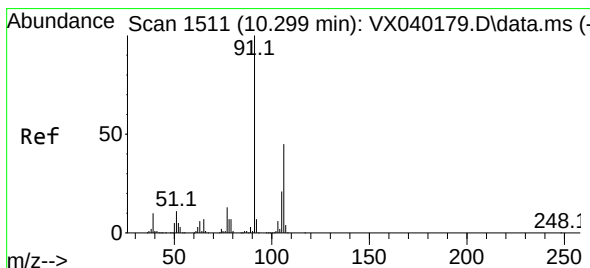
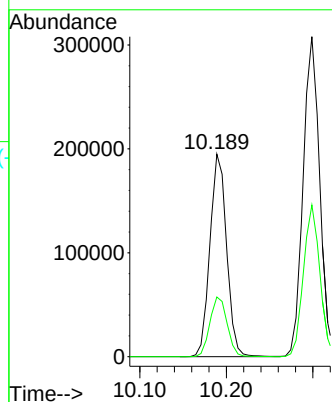
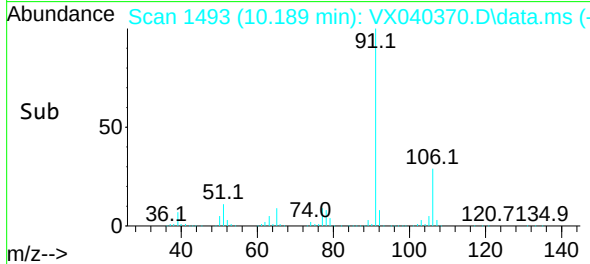
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 26115
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

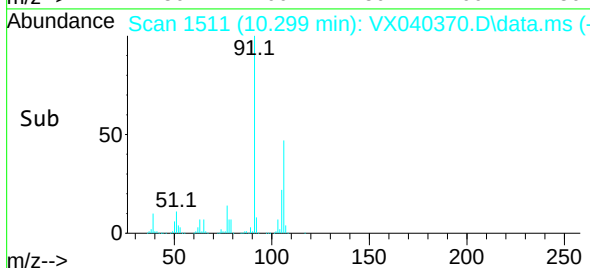
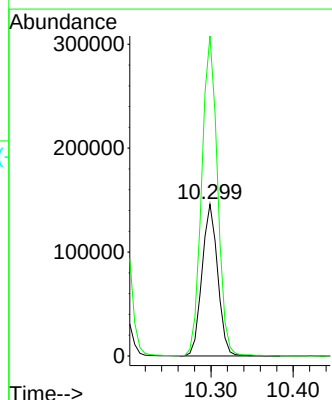
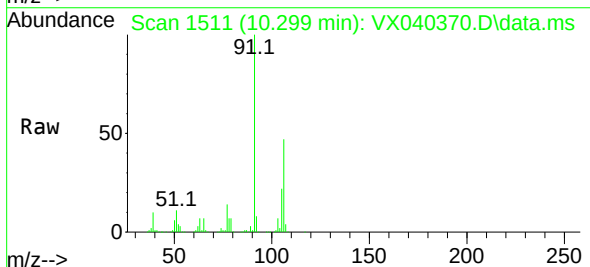
Manual Integrations
APPROVED

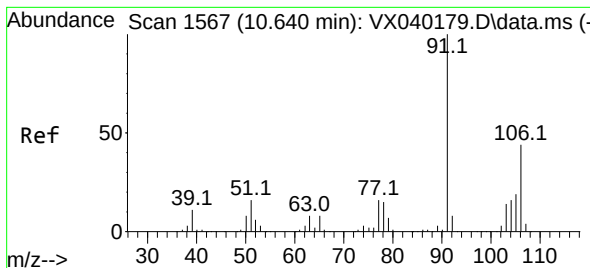
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#68
m/p-Xylenes
Concen: 102.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion:106 Resp: 193527
Ion Ratio Lower Upper
106 100
91 212.3 165.5 248.3





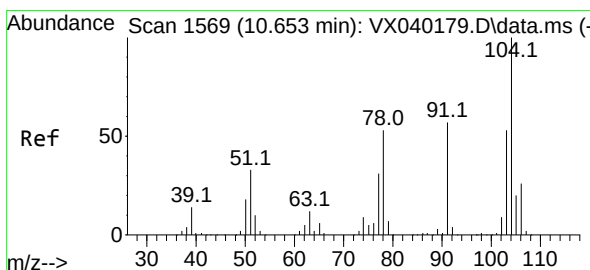
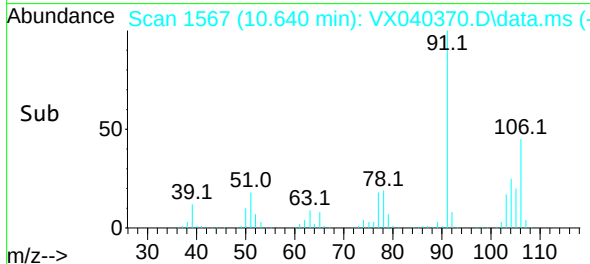
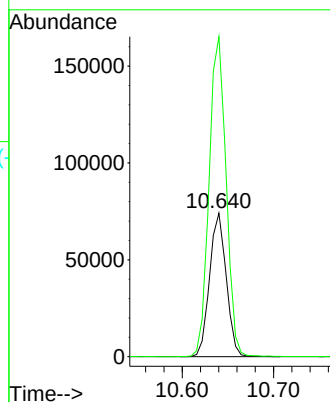
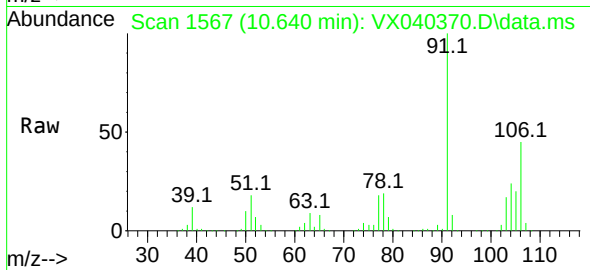
#69
o-Xylene
Concen: 51.184 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 93632
Ion Ratio Lower Upper
106 100
91 227.8 108.9 326.8

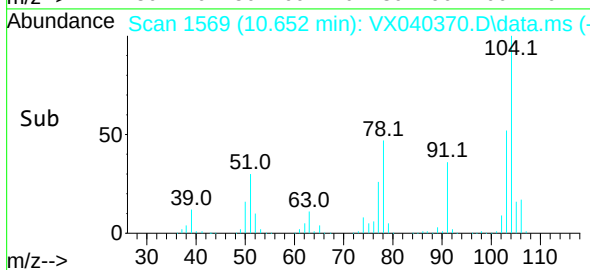
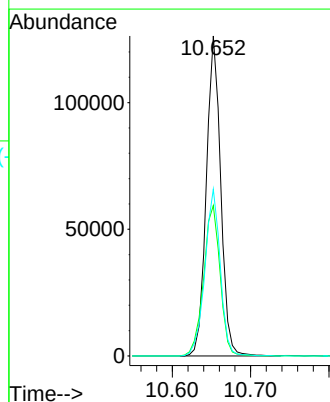
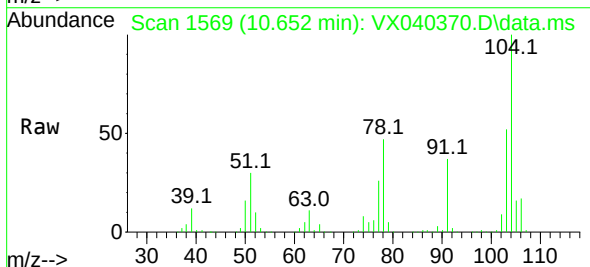
Manual Integrations
APPROVED

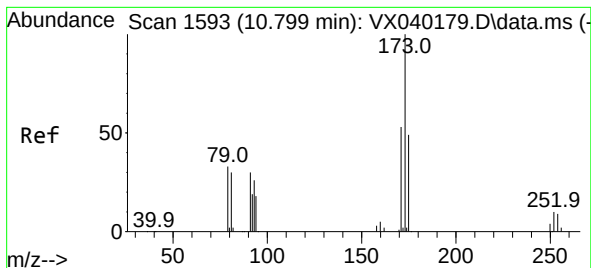
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#70
Styrene
Concen: 52.890 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Tgt Ion:104 Resp: 160858
Ion Ratio Lower Upper
104 100
78 54.1 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 47.901 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

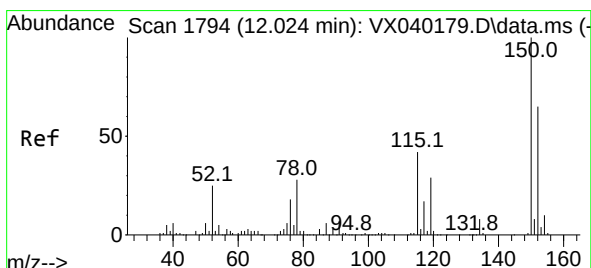
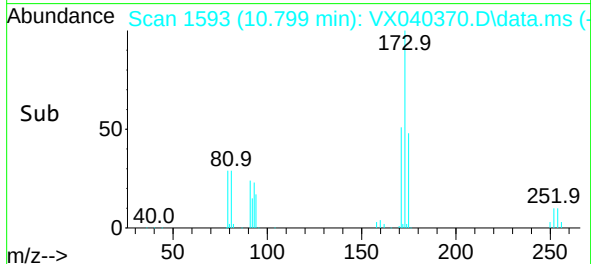
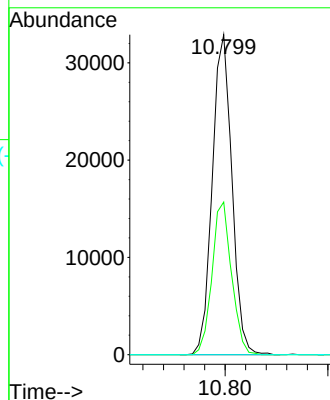
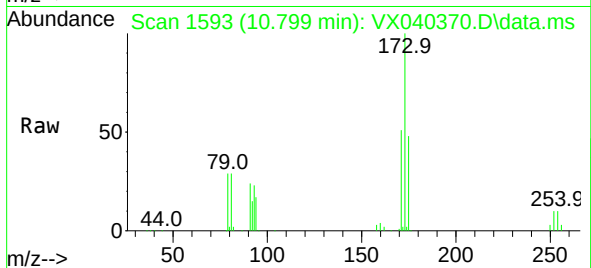
Tgt Ion:173 Resp: 4353
 Ion Ratio Lower Upper
 173 100
 175 47.4 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

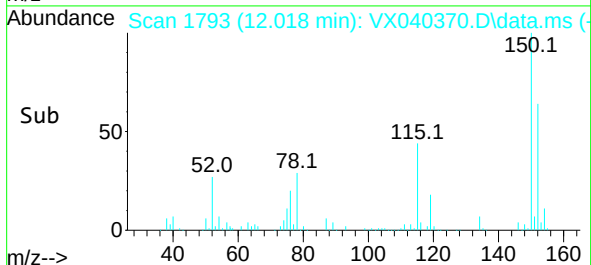
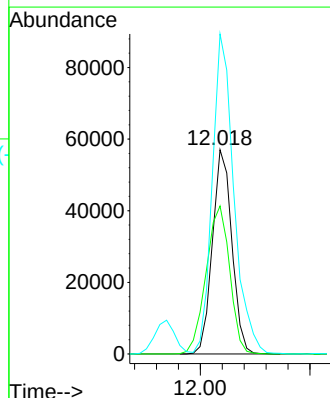
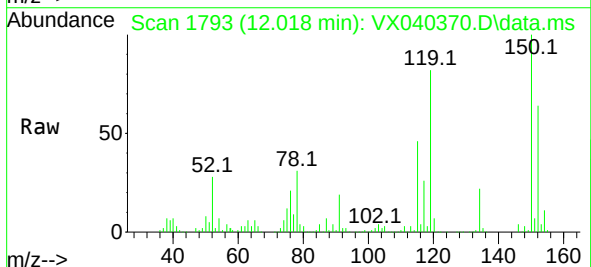
RT: 12.018 min Scan# 1793

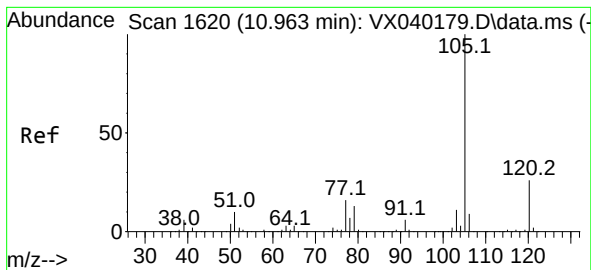
Delta R.T. -0.006 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Tgt Ion:152 Resp: 70302
 Ion Ratio Lower Upper
 152 100
 115 87.9 43.3 129.9
 150 173.6 0.0 345.0





#73

Isopropylbenzene

Concen: 52.279 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 25886

Ion Ratio Lower Upper

105 100

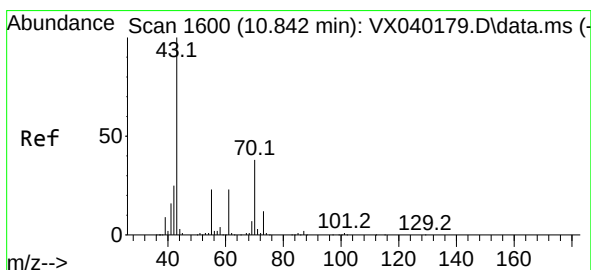
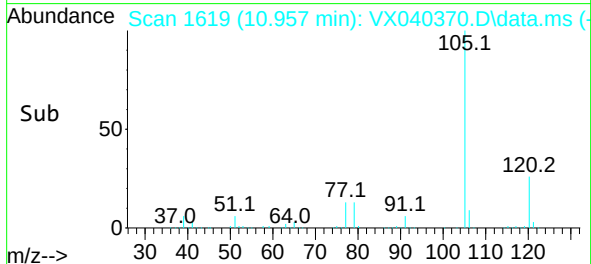
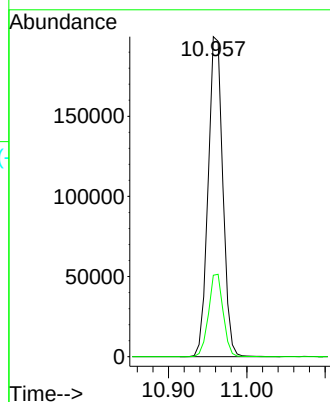
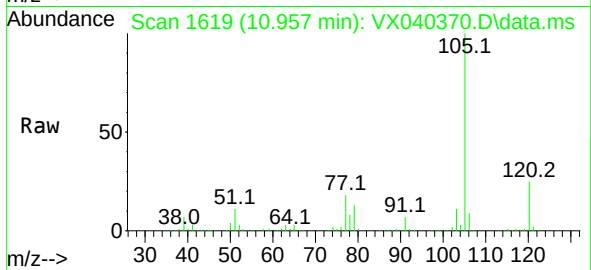
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#74

N-ethyl acetate

Concen: 58.903 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Tgt Ion: 43 Resp: 125018

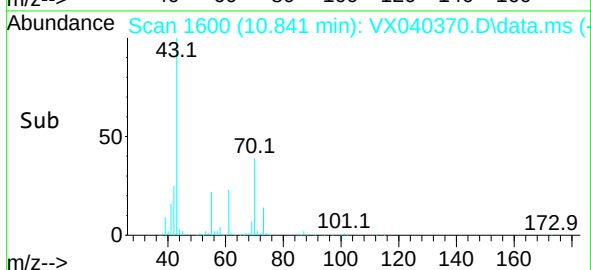
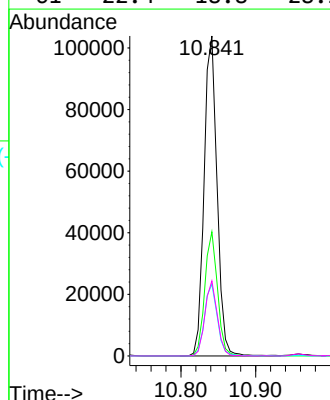
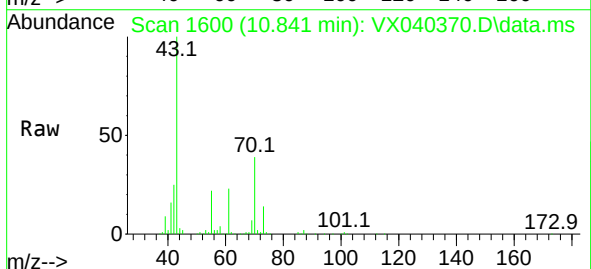
Ion Ratio Lower Upper

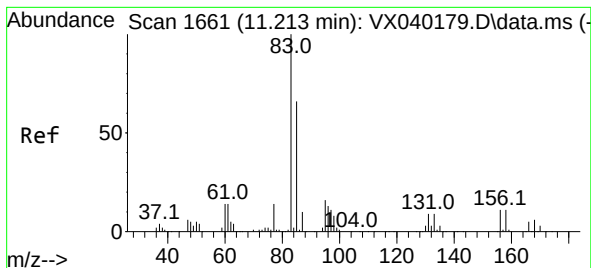
43 100

70 38.1 32.9 49.3

55 22.2 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.808 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

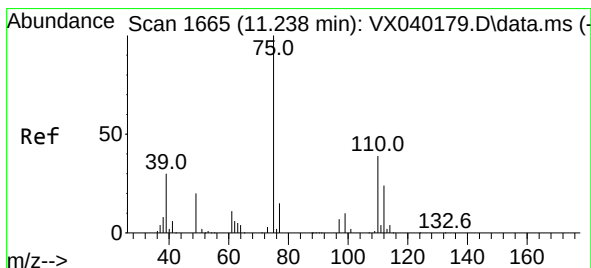
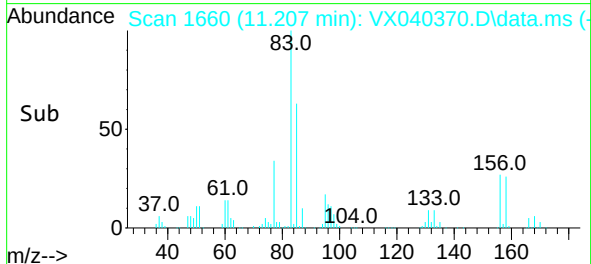
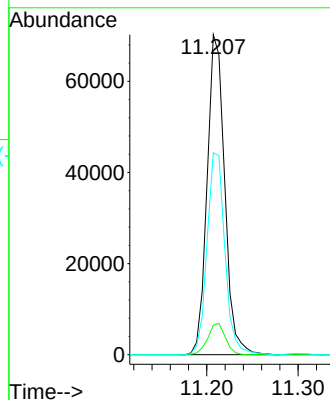
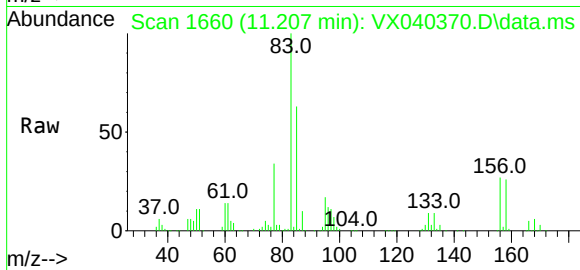
Tgt Ion: 83	Resp: 9394
Ion Ratio	Lower Upper
83 100	
131 9.8	5.3 15.8
85 64.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#76

1,2,3-Trichloropropane

Concen: 55.400 ug/l m

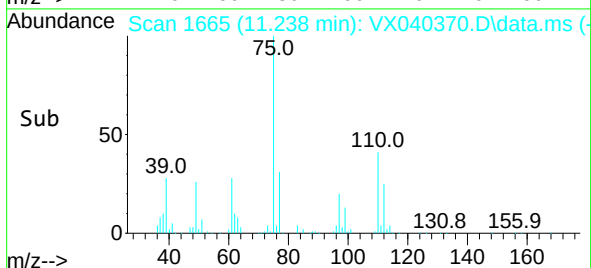
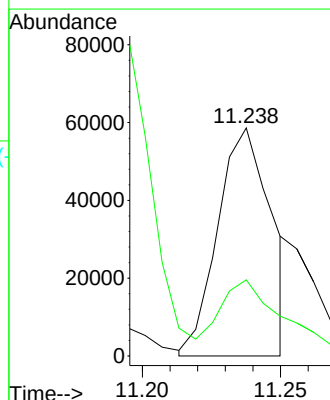
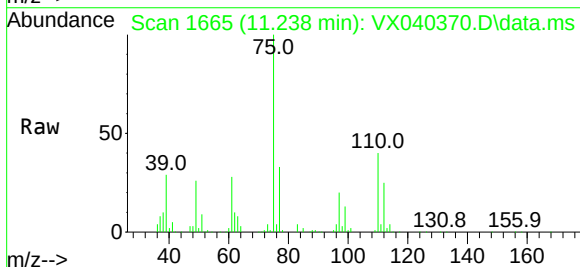
RT: 11.238 min Scan# 1665

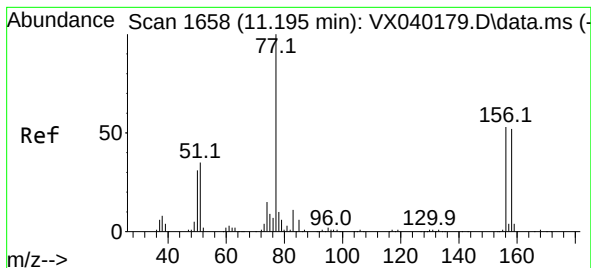
Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Tgt Ion: 75	Resp: 78870
Ion Ratio	Lower Upper
75 100	
77 40.6	19.1 57.5





#77

Bromobenzene

Concen: 52.486 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040370.D

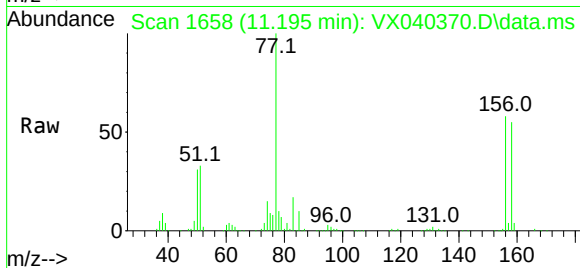
Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 6138

Ion Ratio Lower Upper

156 100

77 171.8 88.4 265.3

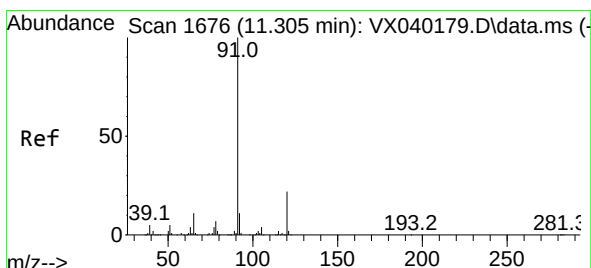
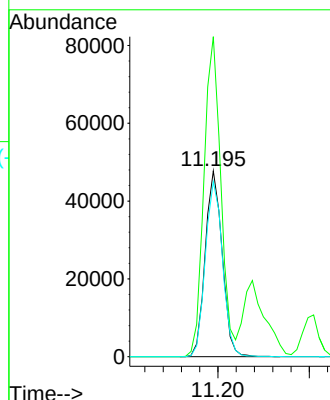
158 95.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#78

n-propylbenzene

Concen: 53.974 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX040370.D

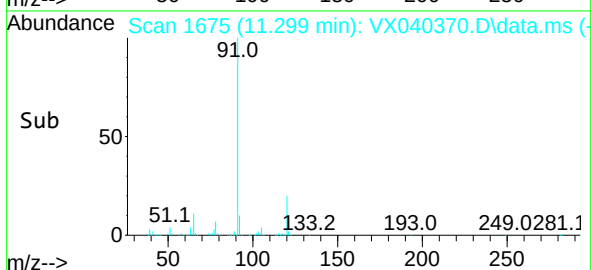
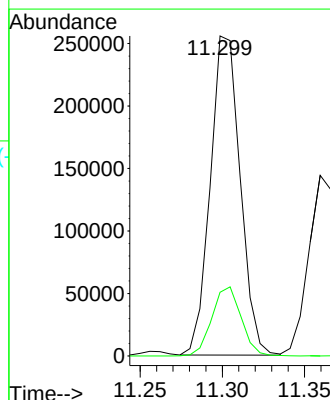
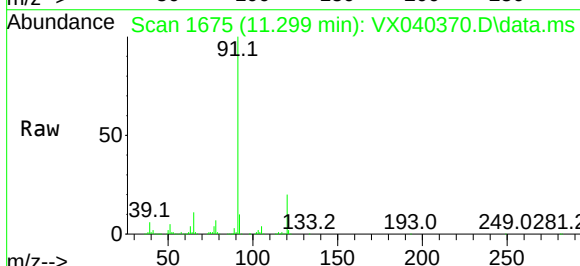
Acq: 21 Feb 2024 10:46

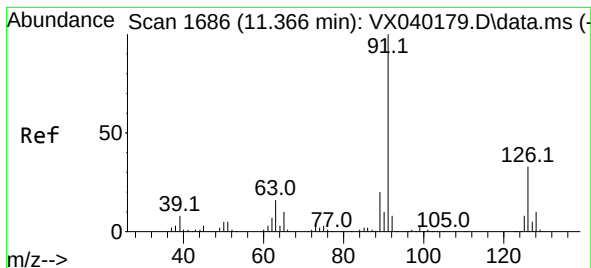
Tgt Ion: 91 Resp: 323564

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





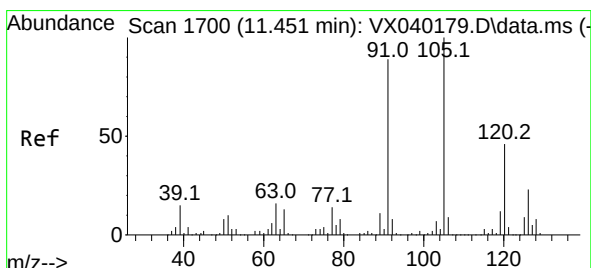
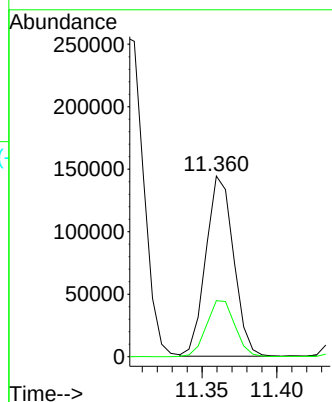
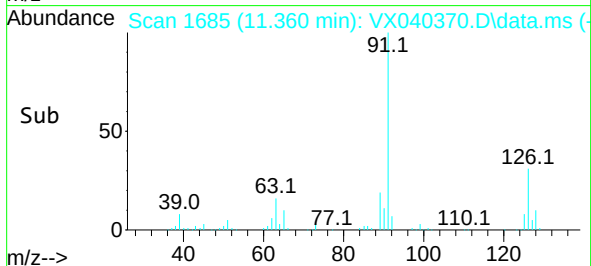
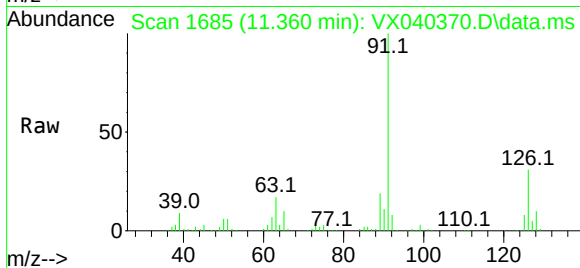
#79
2-Chlorotoluene
Concen: 51.511 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 186468
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

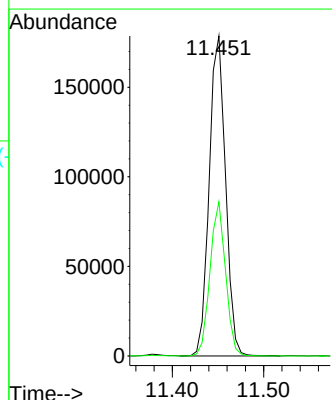
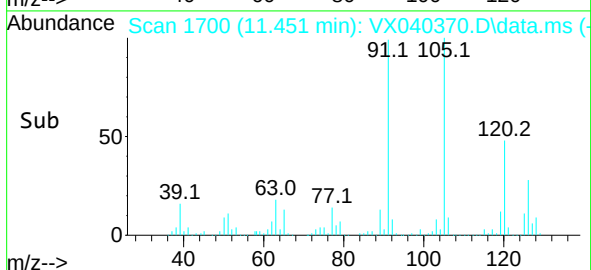
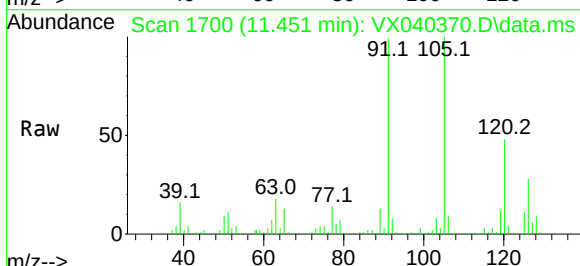
Manual Integrations
APPROVED

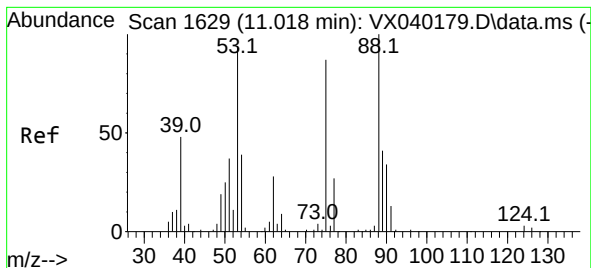
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.060 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

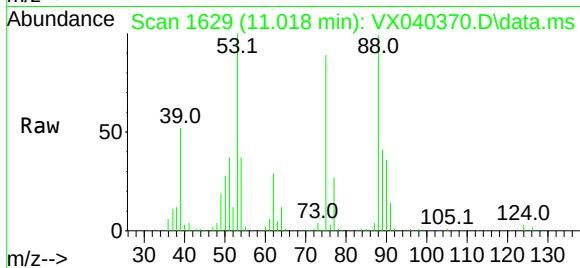
Tgt Ion:105 Resp: 221190
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.639 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

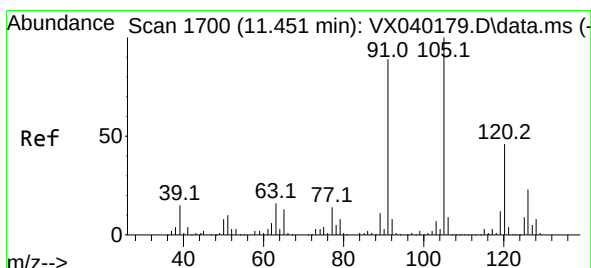
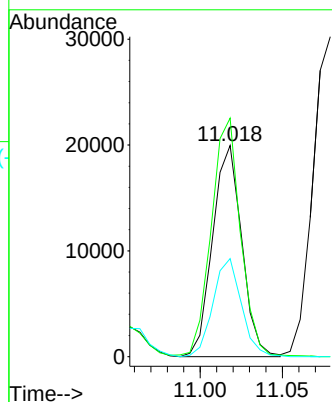
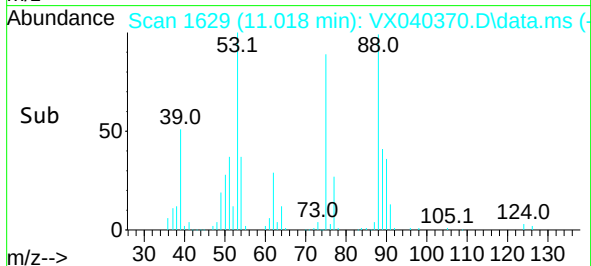
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



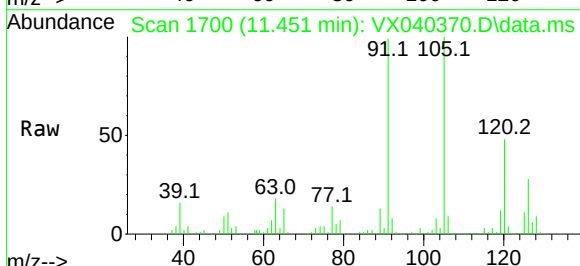
Tgt Ion: 75 Resp: 24600
Ion Ratio Lower Upper
75 100
53 113.5 90.5 135.7
89 45.1 36.9 55.3

Manual Integrations
APPROVED

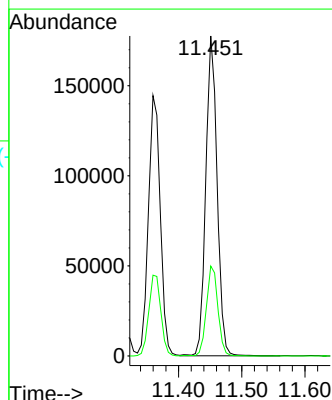
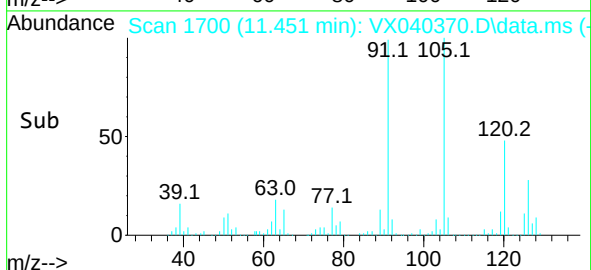
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

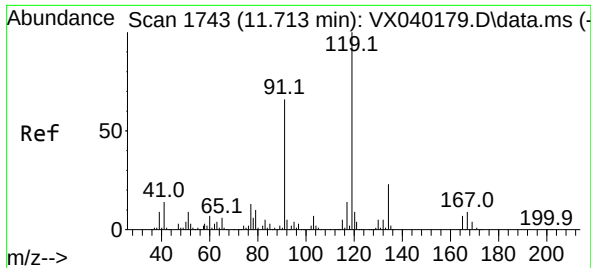


#82
4-Chlorotoluene
Concen: 51.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



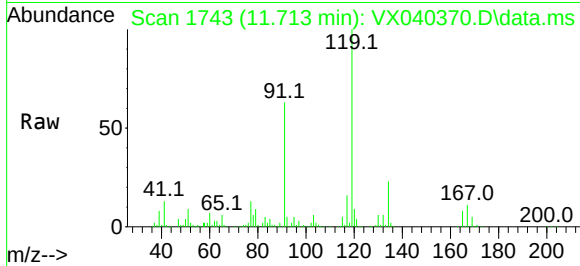
Tgt Ion: 91 Resp: 221775
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 51.862 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

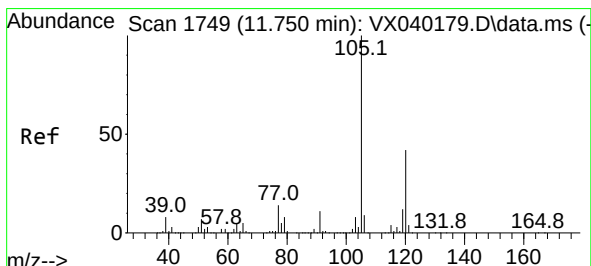
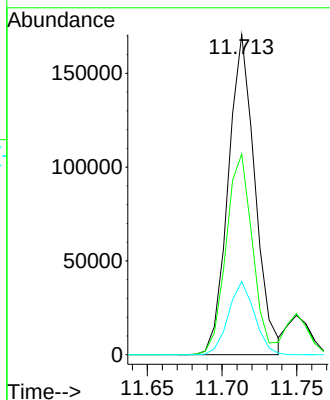
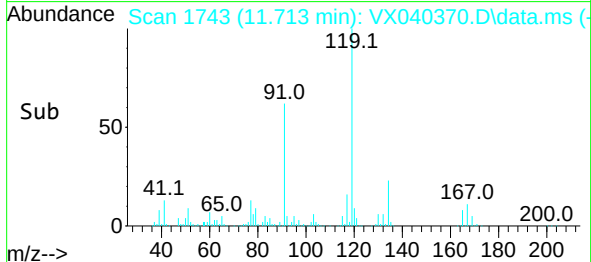
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



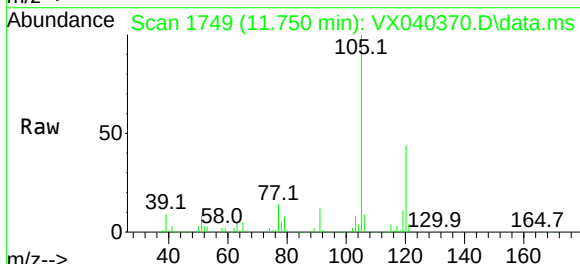
Tgt Ion:119 Resp: 211959
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.2 93.6
 134 22.3 11.7 35.0

Manual Integrations
 APPROVED

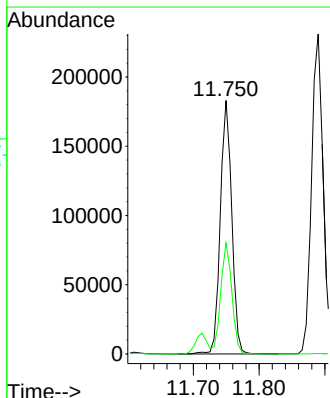
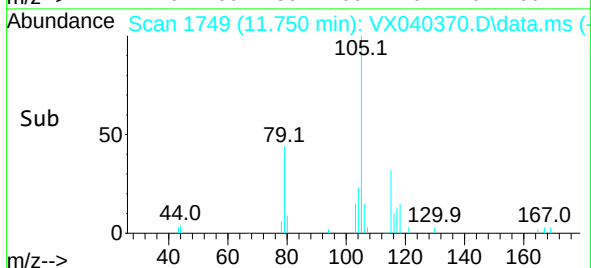
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

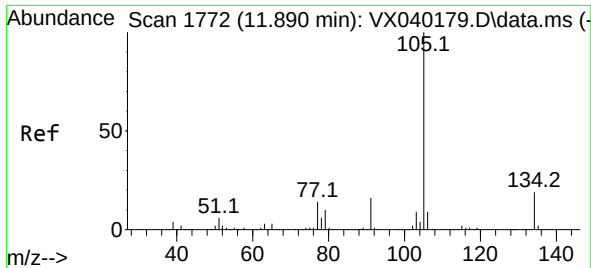


#84
 1,2,4-Trimethylbenzene
 Concen: 52.559 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46



Tgt Ion:105 Resp: 221664
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.102 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

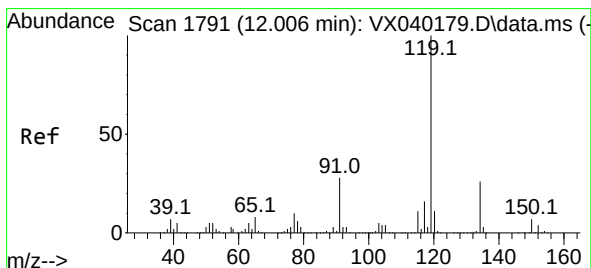
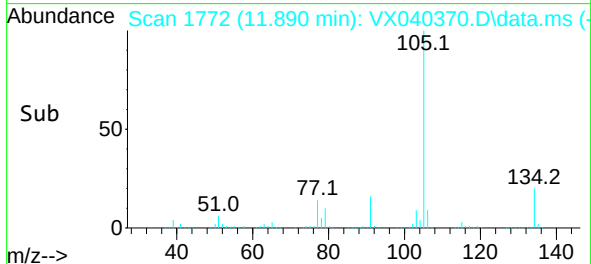
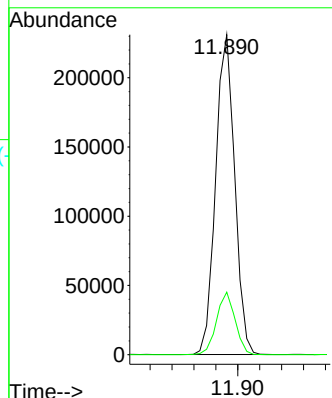
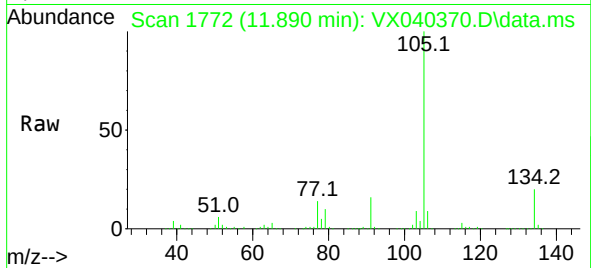
VSTDCCC050

Tgt Ion:105 Resp: 278910
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

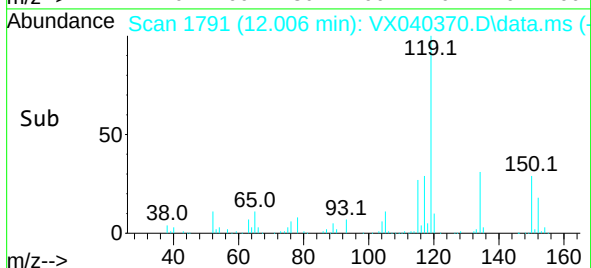
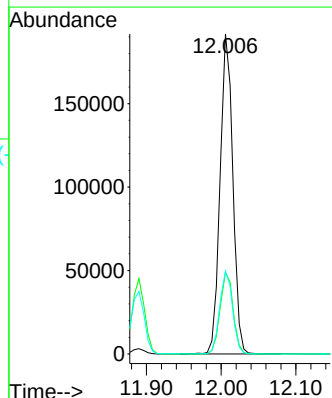
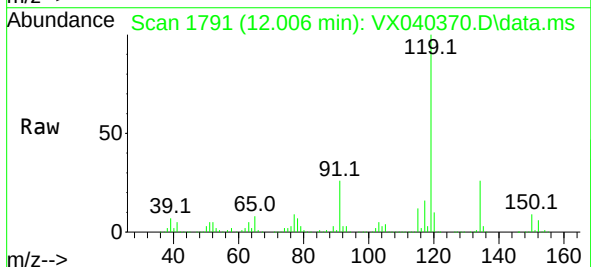
APPROVED

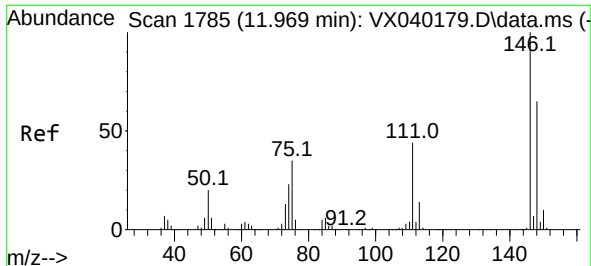
Reviewed By :John Carlone 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024



#86
 p-Isopropyltoluene
 Concen: 52.787 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040370.D
 Acq: 21 Feb 2024 10:46

Tgt Ion:119 Resp: 227273
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.382 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11906

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.1

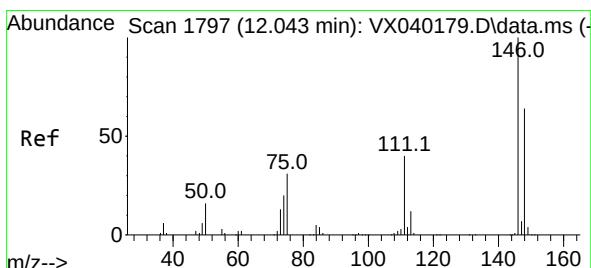
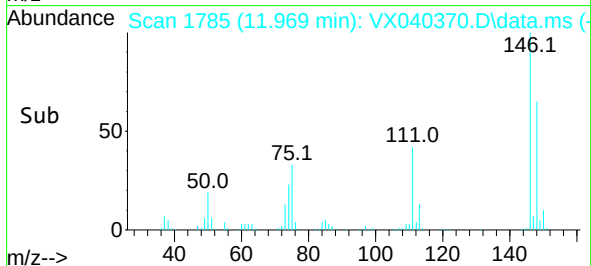
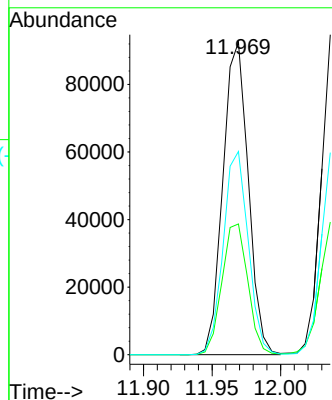
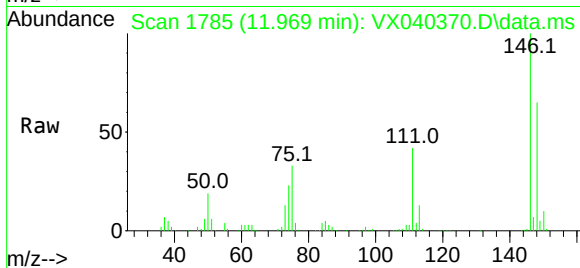
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#88

1,4-Dichlorobenzene

Concen: 49.480 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

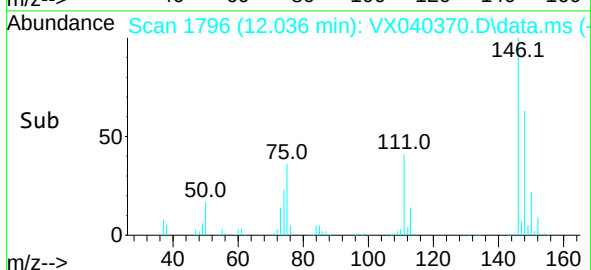
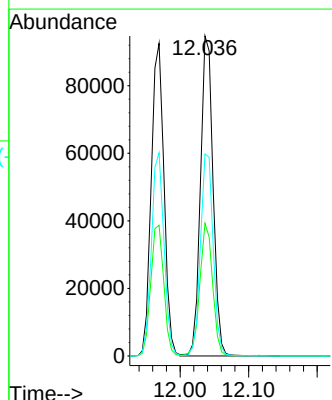
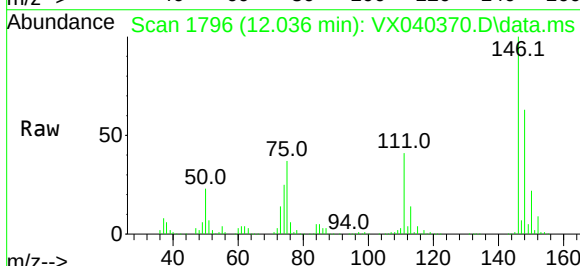
Tgt Ion:146 Resp: 121412

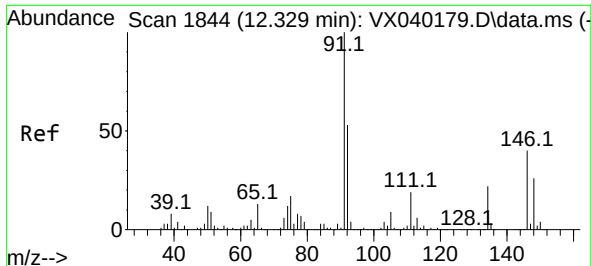
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

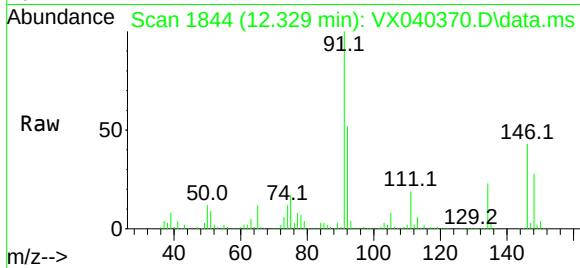
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 53.834 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

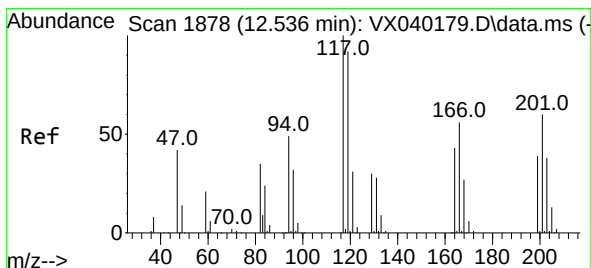
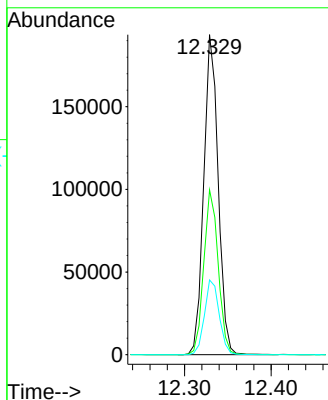
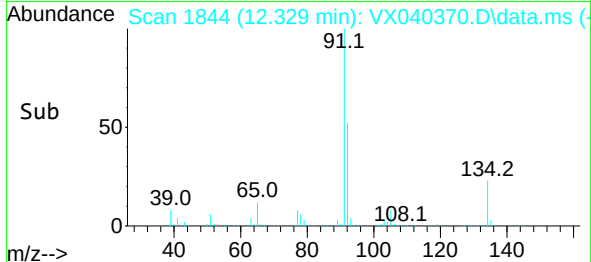
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 223738
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 23.9 12.6 37.8

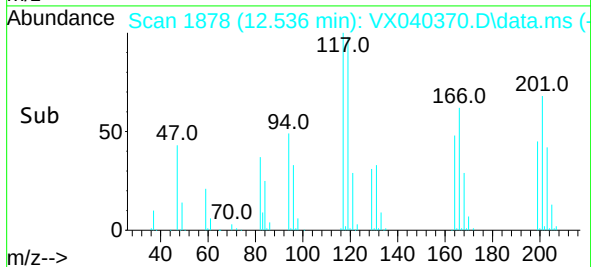
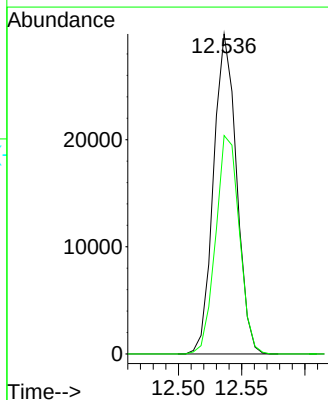
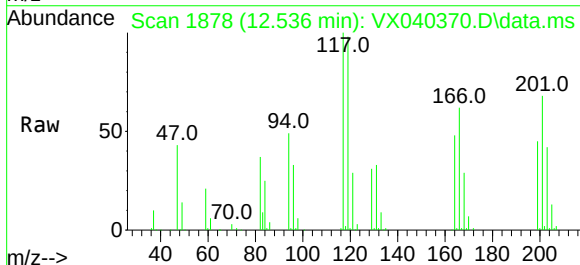
Manual Integrations
APPROVED

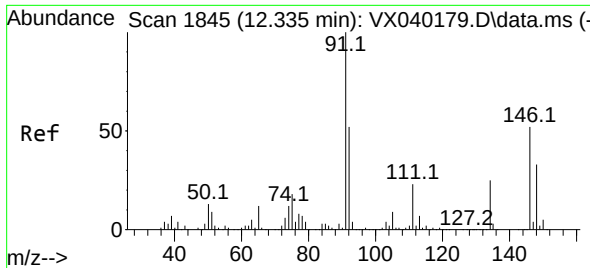
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024



#90
Hexachloroethane
Concen: 55.504 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

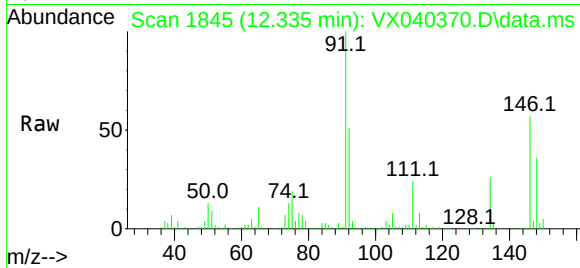
Tgt Ion:117 Resp: 37694
Ion Ratio Lower Upper
117 100
201 70.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.208 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46

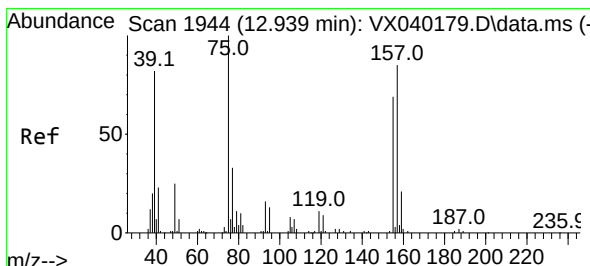
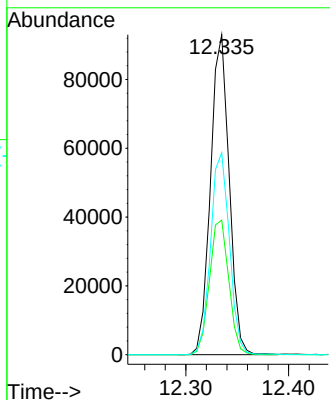
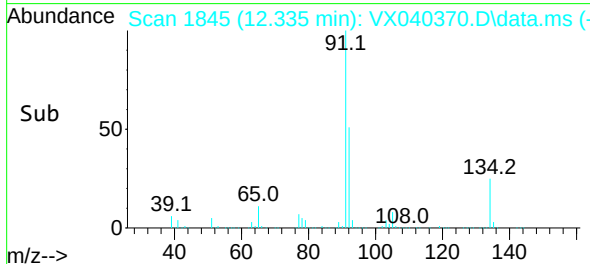
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



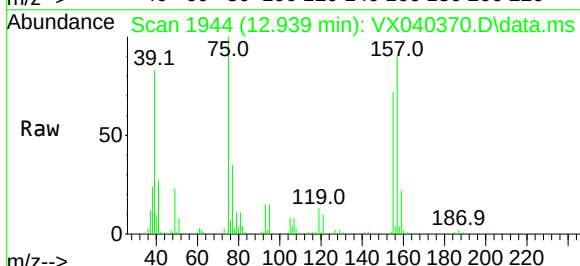
Tgt Ion:146 Resp: 117115
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

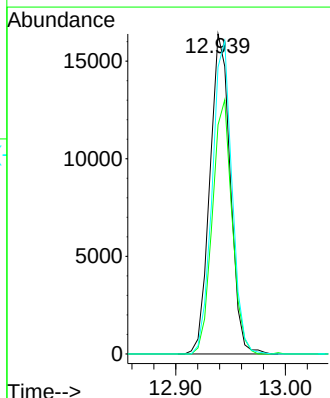
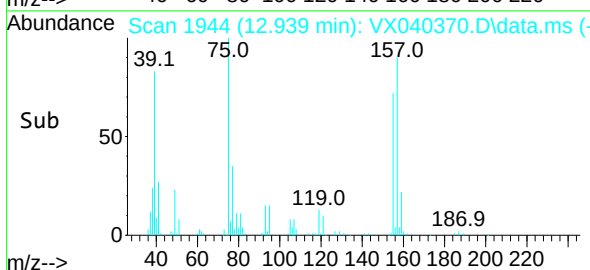
Reviewed By :John Carlone 02/22/2024
Supervised By :Mahesh Dadoda 02/22/2024

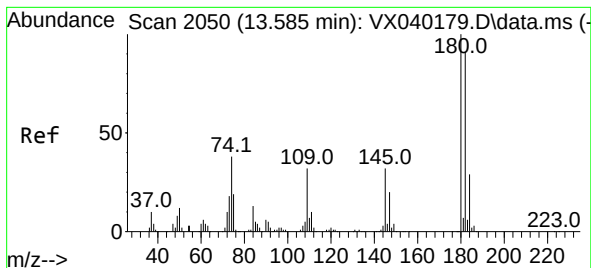


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.468 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040370.D
Acq: 21 Feb 2024 10:46



Tgt Ion: 75 Resp: 21132
Ion Ratio Lower Upper
75 100
155 76.8 36.1 108.5
157 95.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.261 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

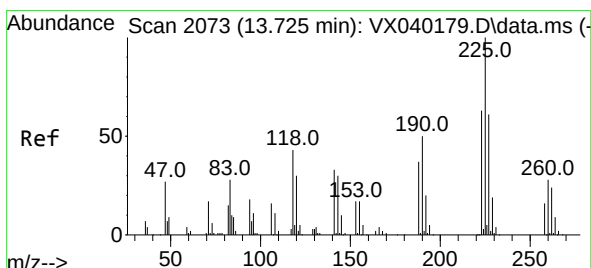
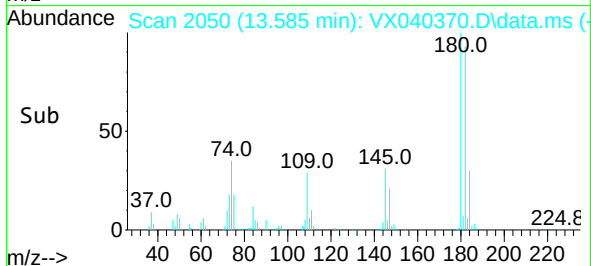
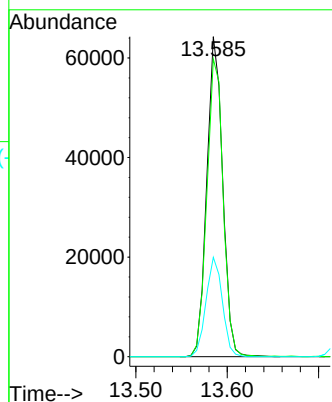
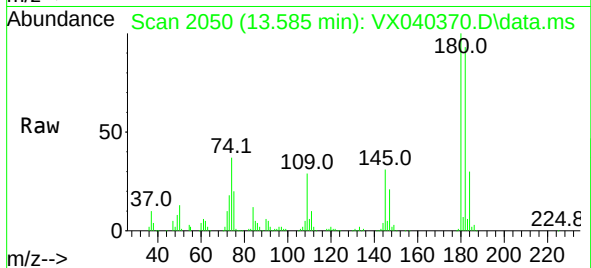
Tgt Ion:180	Resp:	7718
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.3 144.8
145	32.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#94

Hexachlorobutadiene

Concen: 50.838 ug/l

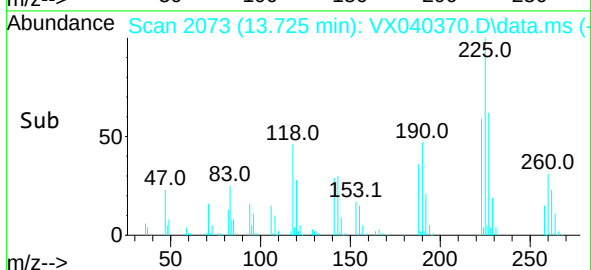
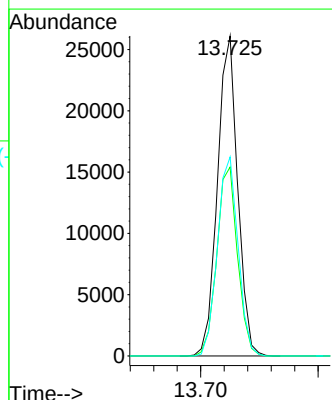
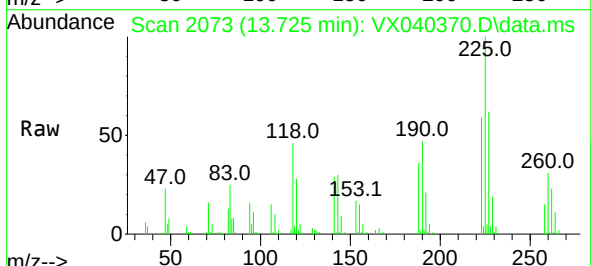
RT: 13.725 min Scan# 2073

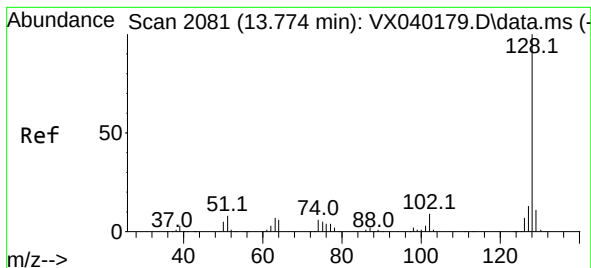
Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Tgt Ion:225	Resp:	31160
Ion Ratio	Lower	Upper
225	100	
223	60.5	31.1 93.2
227	63.6	32.5 97.5





#95

Naphthalene

Concen: 51.544 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

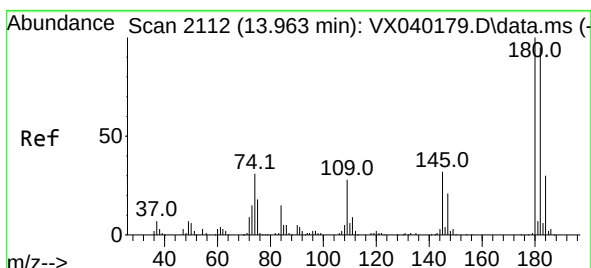
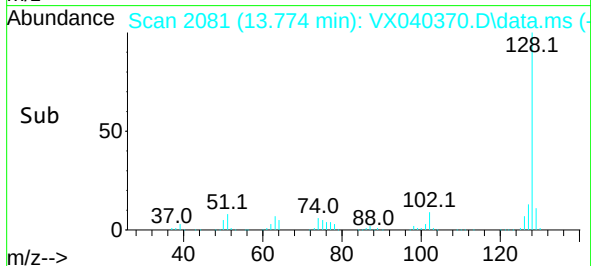
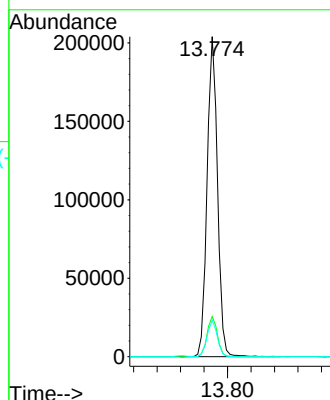
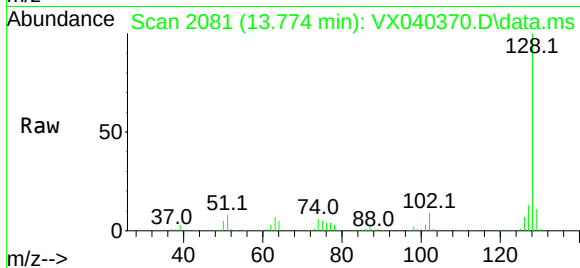
Tgt Ion:128 Resp: 250011
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Mahesh Dadoda 02/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.623 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040370.D

Acq: 21 Feb 2024 10:46

Tgt Ion:180 Resp: 75570
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.9 140.6
 145 33.8 17.8 53.5

