

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041950.D
 Acq On : 19 Jun 2024 16:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 00:58:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	190286	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	267988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87541	39.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.800%		
35) Dibromofluoromethane	5.385	113	80902	42.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.100%		
50) Toluene-d8	8.647	98	288258	43.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.300%#		
62) 4-Bromofluorobenzene	11.079	95	111346	45.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69009	47.603	ug/l	99
3) Chloromethane	1.301	50	78444	43.133	ug/l	98
4) Vinyl Chloride	1.374	62	82377	45.187	ug/l	100
5) Bromomethane	1.593	94	41619	46.232	ug/l	99
6) Chloroethane	1.660	64	41443	54.995	ug/l	97
7) Trichlorofluoromethane	1.868	101	129067	54.037	ug/l	99
8) Diethyl Ether	2.136	74	52142	46.506	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	81313	49.420	ug/l	87
10) Methyl Iodide	2.441	142	97819	47.833	ug/l #	86
11) Tert butyl alcohol	2.995	59	104158	250.122	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	77431	47.179	ug/l	82
13) Acrolein	2.239	56	108954	233.407	ug/l	98
14) Allyl chloride	2.654	41	124307	47.757	ug/l	89
15) Acrylonitrile	3.069	53	272316	250.356	ug/l	98
16) Acetone	2.392	43	222305	230.728	ug/l #	89
17) Carbon Disulfide	2.495	76	138451	41.373	ug/l	99
18) Methyl Acetate	2.709	43	138176	52.571	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	265604	48.985	ug/l	100
20) Methylene Chloride	2.782	84	91941	43.580	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	77735	46.668	ug/l	87
22) Diisopropyl ether	3.764	45	267542	48.627	ug/l #	85
23) Vinyl Acetate	3.721	43	1160834	247.056	ug/l	95
24) 1,1-Dichloroethane	3.605	63	149517	48.528	ug/l	97
25) 2-Butanone	4.568	43	378440	252.469	ug/l	95
26) 2,2-Dichloropropane	4.471	77	112036	50.214	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	100069	47.967	ug/l	87
28) Bromochloromethane	4.897	49	60468	45.821	ug/l #	75
29) Tetrahydrofuran	5.013	42	241957	249.936	ug/l	94
30) Chloroform	5.093	83	156191	48.659	ug/l	99
31) Cyclohexane	5.464	56	120154	46.823	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	130734	48.742	ug/l	96
36) 1,1-Dichloropropene	5.684	75	99725	49.388	ug/l	95
37) Ethyl Acetate	4.721	43	135358	51.460	ug/l	98
38) Carbon Tetrachloride	5.672	117	112063	50.230	ug/l	98
39) Methylcyclohexane	7.379	83	130468	51.090	ug/l	92
40) Benzene	6.031	78	336232	49.372	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	75419	52.894	ug/l	92
42) 1,2-Dichloroethane	6.086	62	108466	49.446	ug/l	91
43) Isopropyl Acetate	6.342	43	206806	51.222	ug/l	94
44) Trichloroethene	7.123	130	90837	49.761	ug/l	87
45) 1,2-Dichloropropane	7.428	63	85368	50.981	ug/l	96
46) Dibromomethane	7.580	93	61274	50.221	ug/l #	77
47) Bromodichloromethane	7.824	83	114920	51.303	ug/l	98
48) Methyl methacrylate	7.696	41	102387	53.137	ug/l	85
49) 1,4-Dioxane	7.665	88	49571	972.826	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	740565	266.279	ug/l	95
52) Toluene	8.720	92	220161	50.768	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	116910	49.371	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	129752	52.907	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	93955	52.007	ug/l	98
56) Ethyl methacrylate	9.116	69	150961	53.713	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	148900	51.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	335515	256.174	ug/l	93
59) 2-Hexanone	9.433	43	575523	270.183	ug/l	92
60) Dibromochloromethane	9.525	129	103396	52.690	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96893	51.717	ug/l	99
64) Tetrachloroethene	9.275	164	89476	49.531	ug/l	90
65) Chlorobenzene	10.079	112	258390	50.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93215	51.597	ug/l	99
67) Ethyl Benzene	10.195	91	418578	51.762	ug/l	97
68) m/p-Xylenes	10.299	106	338662	103.745	ug/l	90
69) o-Xylene	10.640	106	167339	51.778	ug/l	92
70) Styrene	10.653	104	290920	53.681	ug/l	93
71) Bromoform	10.799	173	85653	49.182	ug/l #	100
73) Isopropylbenzene	10.963	105	436222	51.422	ug/l	96
74) N-amyl acetate	10.842	43	188822	50.110	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	153804	48.761	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122303m	48.288	ug/l	
77) Bromobenzene	11.201	156	124109	49.123	ug/l	80
78) n-propylbenzene	11.305	91	482520	52.423	ug/l	96
79) 2-Chlorotoluene	11.366	91	297068	50.093	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	364805	51.630	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	45369	50.871	ug/l	89
82) 4-Chlorotoluene	11.451	91	339645	51.809	ug/l	92
83) tert-Butylbenzene	11.713	119	399196	51.489	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	374268	52.797	ug/l	94
85) sec-Butylbenzene	11.890	105	469199	53.504	ug/l	95
86) p-Isopropyltoluene	12.006	119	414458	54.104	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	225664	50.816	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	225560	49.619	ug/l	95
89) n-Butylbenzene	12.335	91	327407	55.523	ug/l	98
90) Hexachloroethane	12.536	117	66409	50.920	ug/l #	59
91) 1,2-Dichlorobenzene	12.335	146	228429	50.269	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32309	51.687	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.591	180	157434	52.887	ug/l	95
94) Hexachlorobutadiene	13.725	225	78521	52.164	ug/l	100
95) Naphthalene	13.774	128	484111	48.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163870	52.196	ug/l	96

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

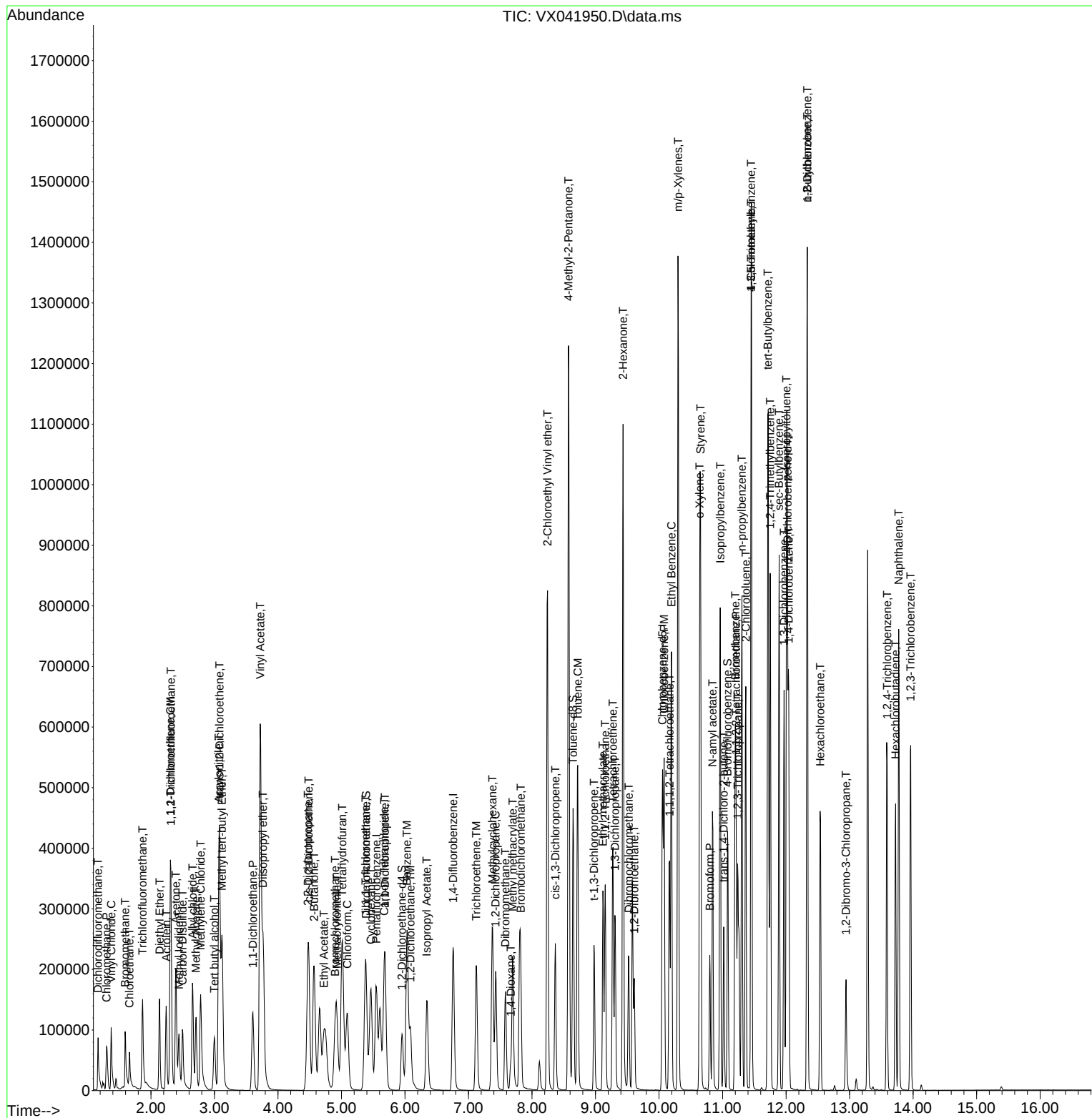
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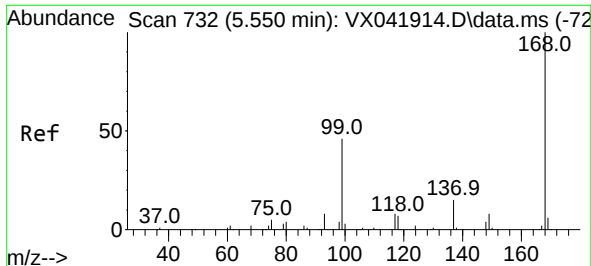
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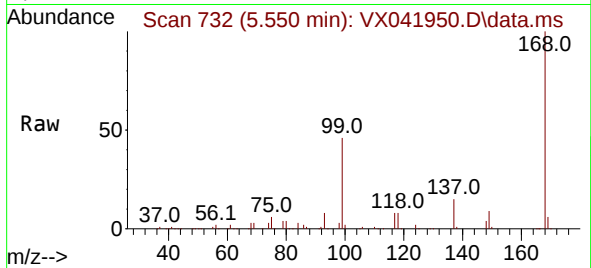
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041950.D
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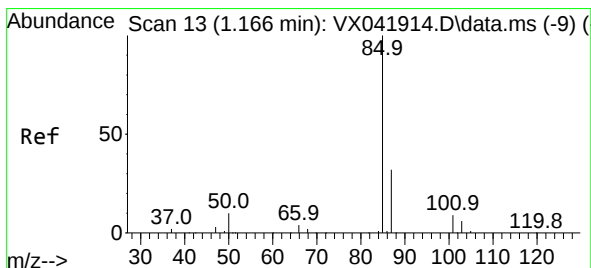
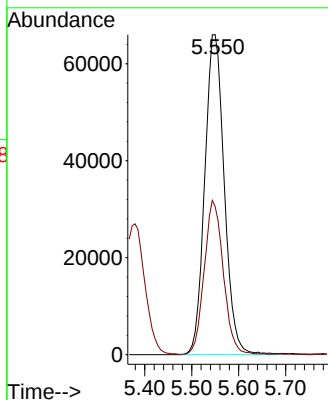
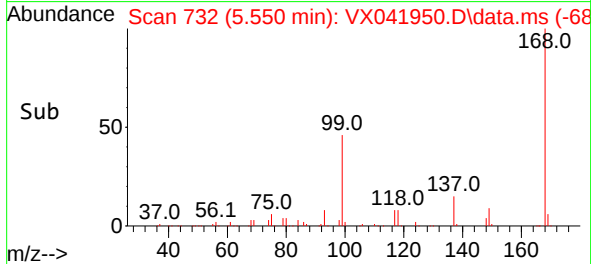
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 190280
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0

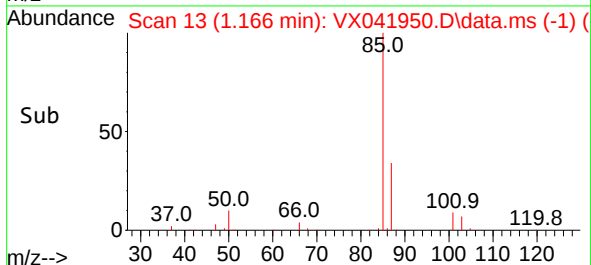
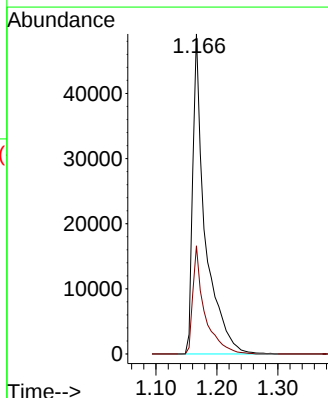
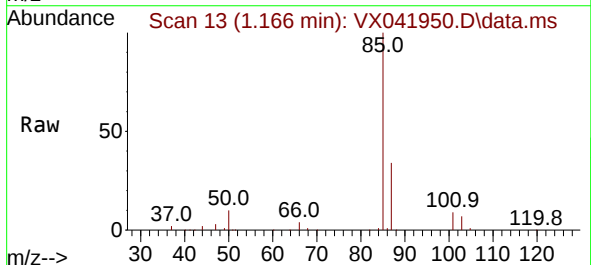
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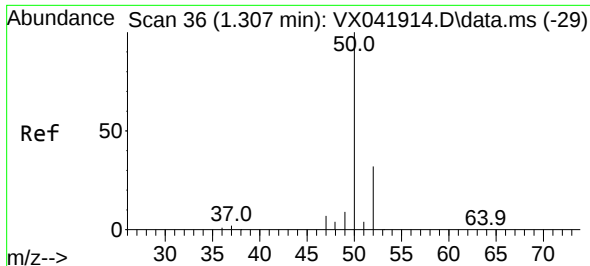
Reviewed By :John Carlone 06/20/2024
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#2
Dichlorodifluoromethane
Concen: 47.603 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

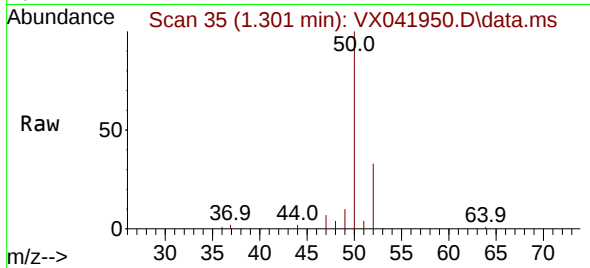
Tgt Ion: 85 Resp: 69009
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1





#3
Chloromethane
Concen: 43.133 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

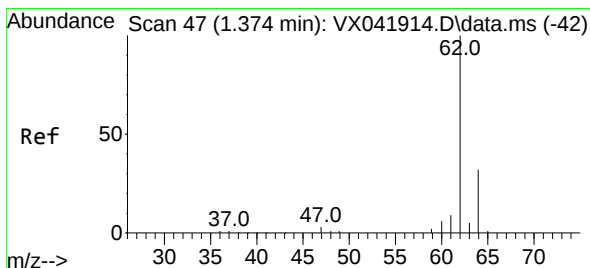
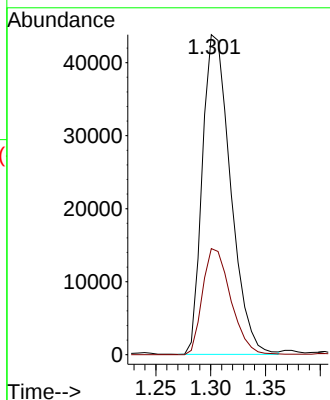
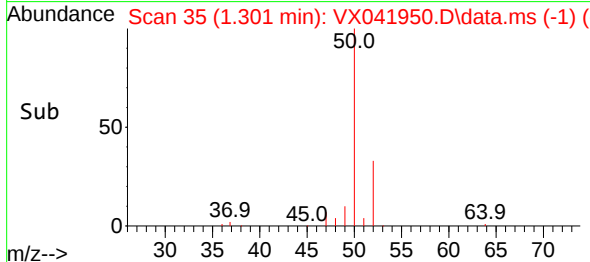
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7844
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

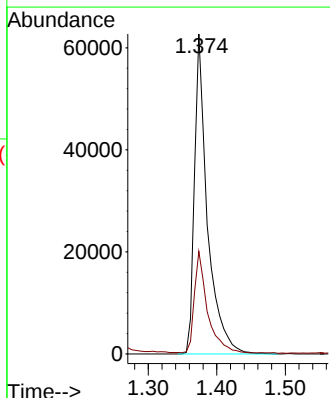
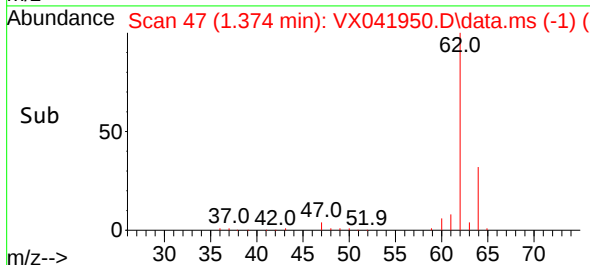
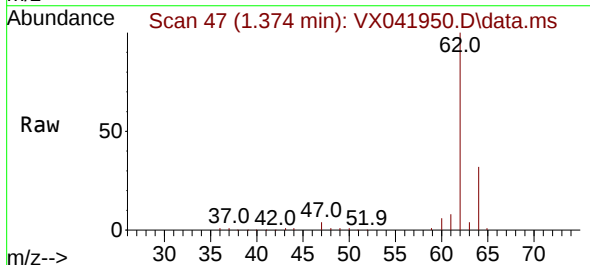
Manual Integrations
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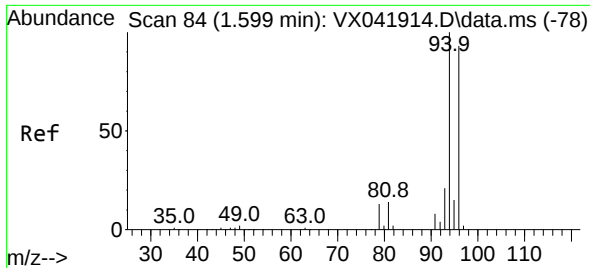
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#4
Vinyl Chloride
Concen: 45.187 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

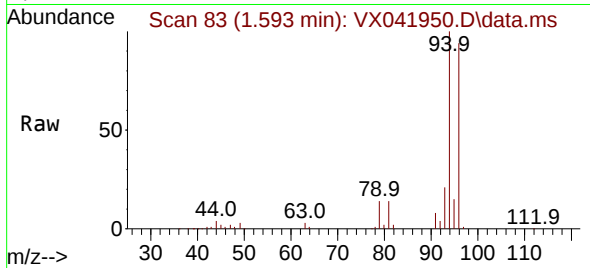
Tgt Ion: 62 Resp: 82377
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 46.232 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

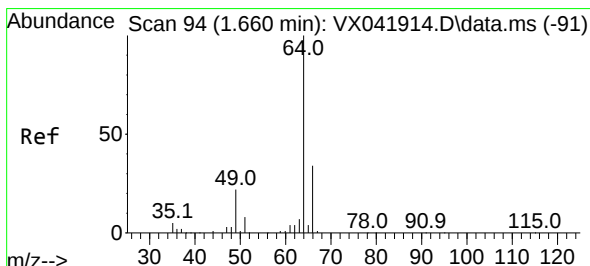
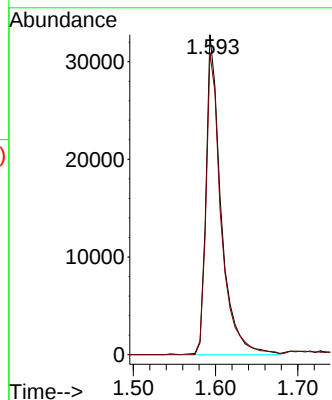
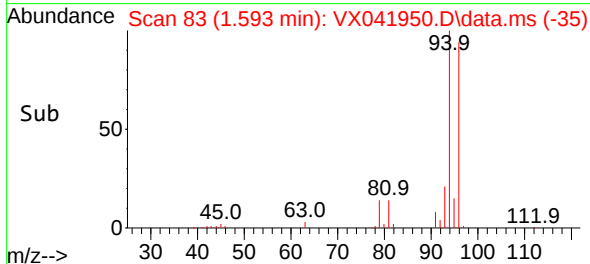
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Tgt Ion: 94 Resp: 41619
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

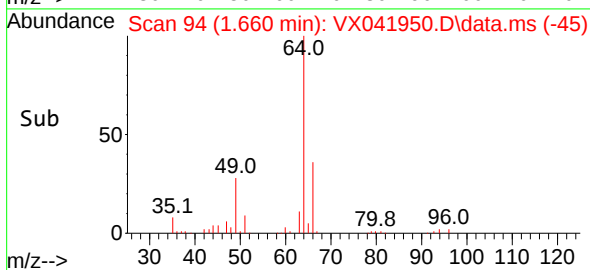
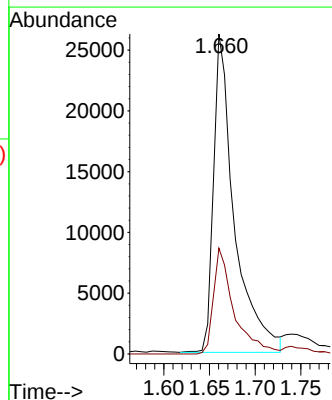
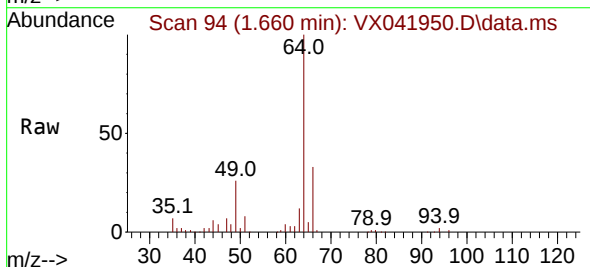
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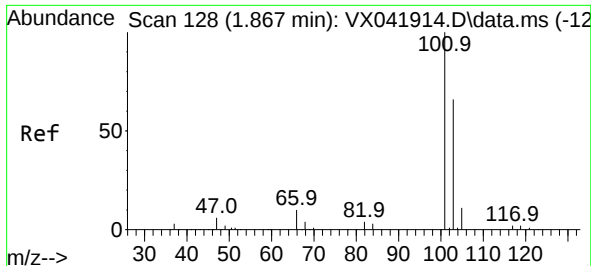
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#6
Chloroethane
Concen: 54.995 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

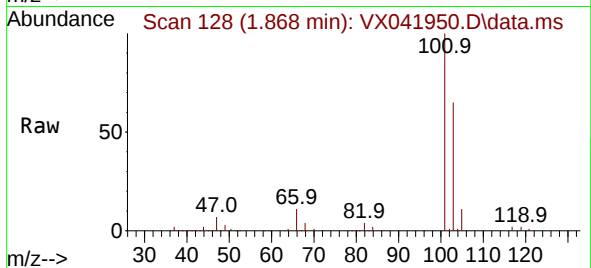
Tgt Ion: 64 Resp: 41443
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.037 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

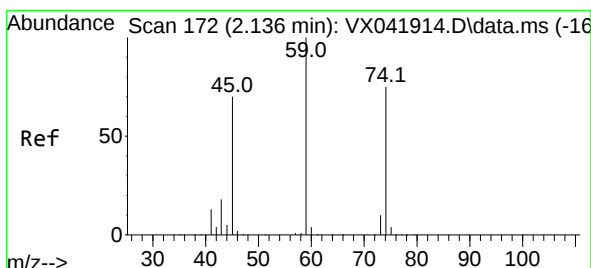
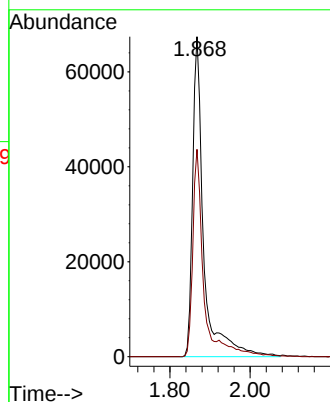
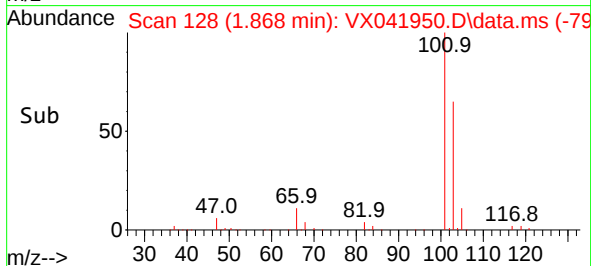
Instrument :
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Tgt Ion:101 Resp: 12906
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

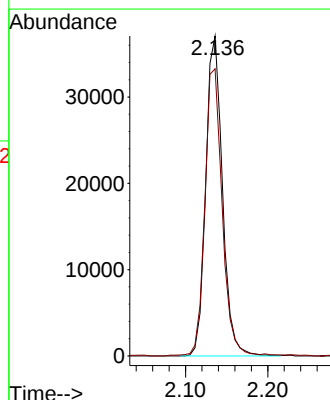
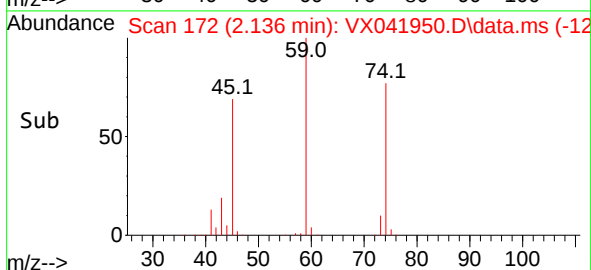
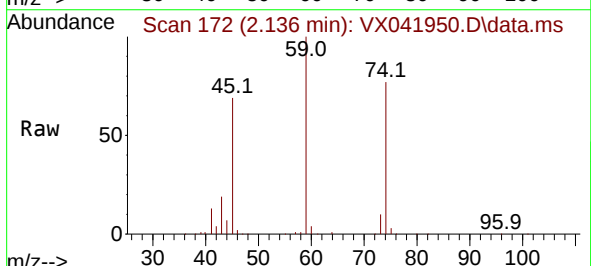
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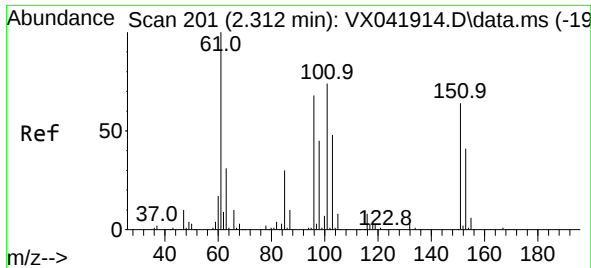
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#8
Diethyl Ether
Concen: 46.506 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 74 Resp: 52142
Ion Ratio Lower Upper
74 100
45 93.8 53.3 159.8





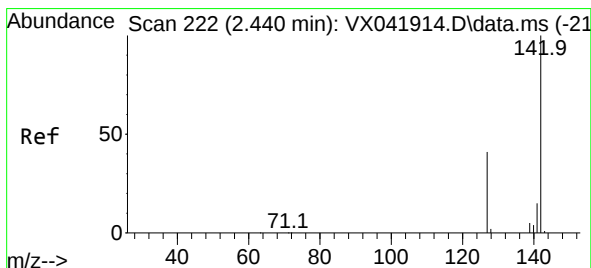
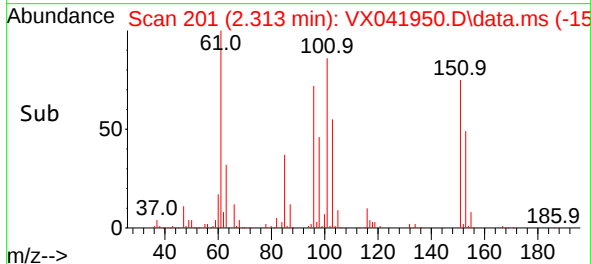
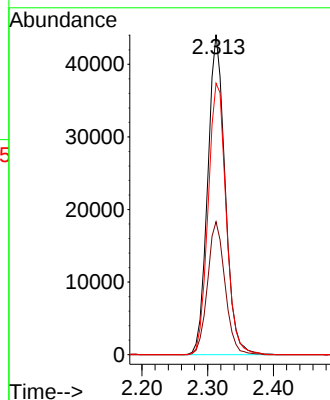
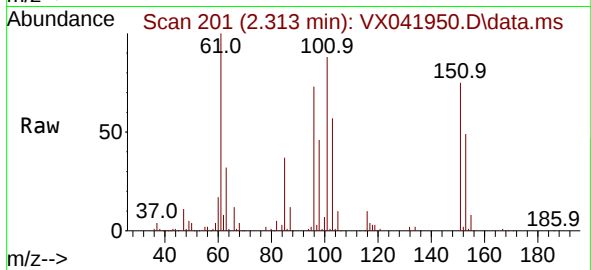
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.420 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8131
Ion Ratio Lower Upper
101 100
85 41.6 37.0 55.6
151 87.7 58.6 87.8

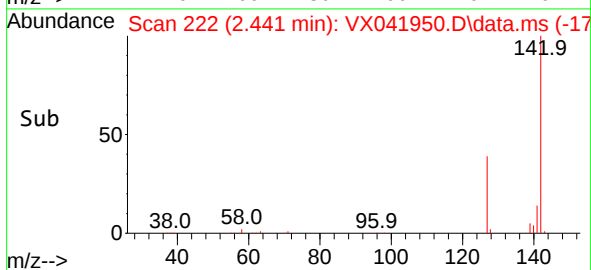
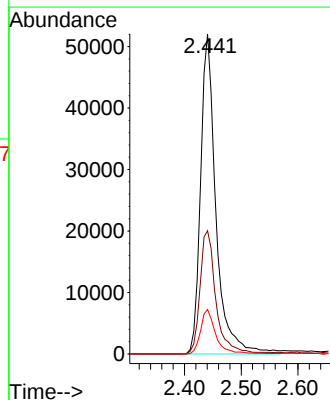
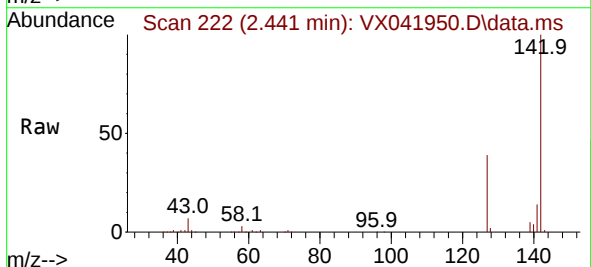
Manual Integrations
APPROVED

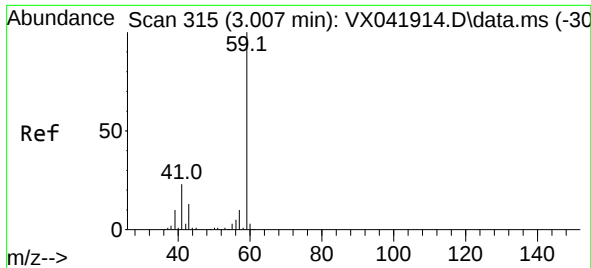
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 47.833 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

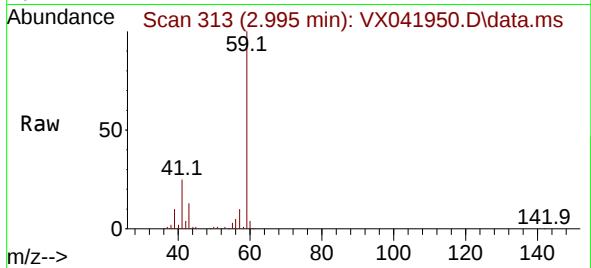
Tgt Ion:142 Resp: 97819
Ion Ratio Lower Upper
142 100
127 39.6 41.6 62.4#
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 250.122 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

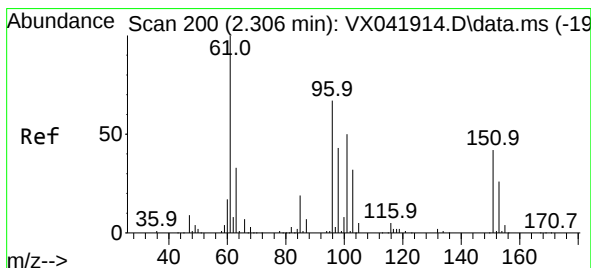
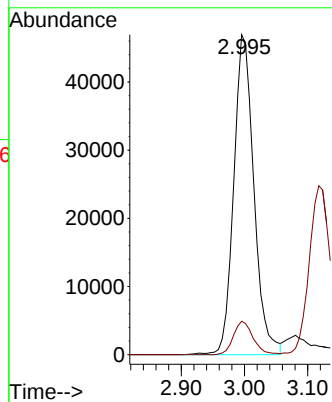
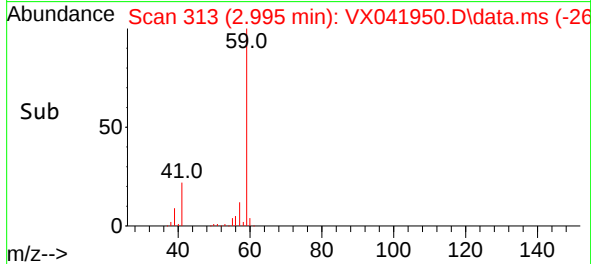
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 104158
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

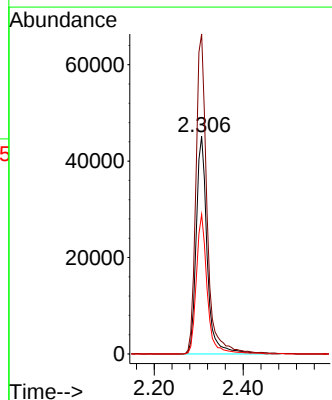
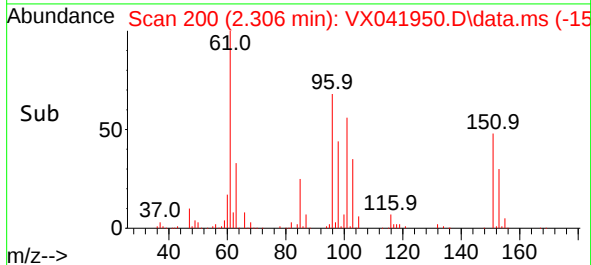
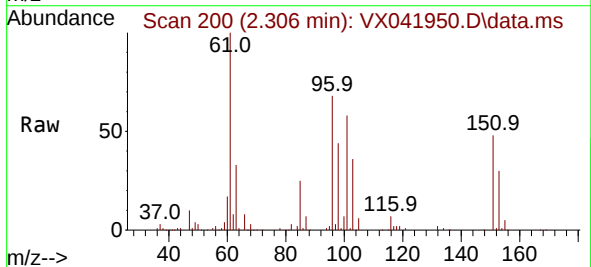
Manual Integrations
APPROVED

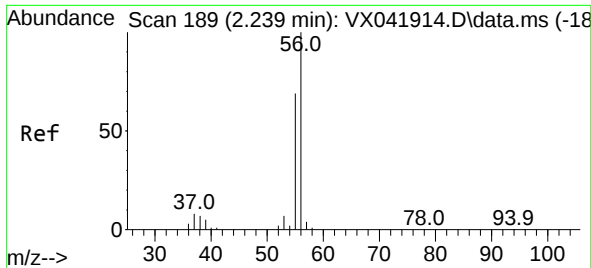
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#12
1,1-Dichloroethene
Concen: 47.179 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

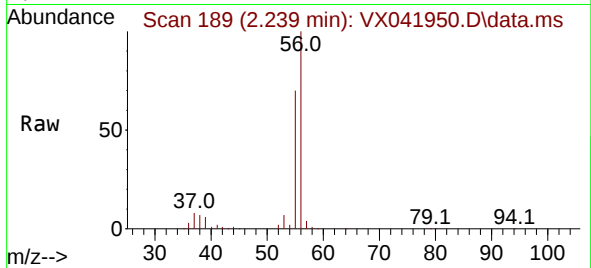
Tgt Ion: 96 Resp: 77431
Ion Ratio Lower Upper
96 100
61 147.1 144.6 216.8
98 64.1 50.4 75.6





#13
Acrolein
Concen: 233.407 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

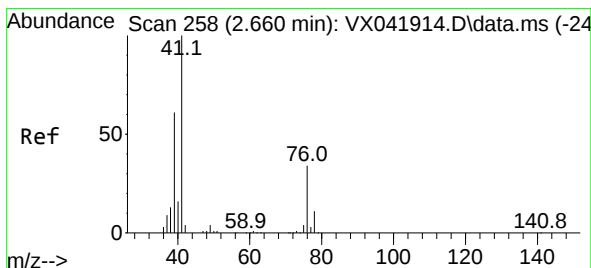
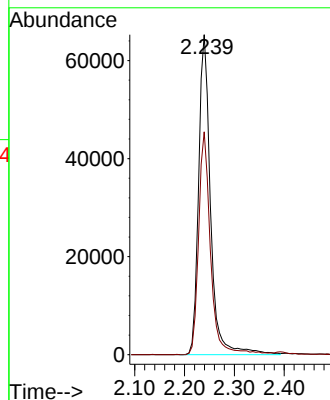
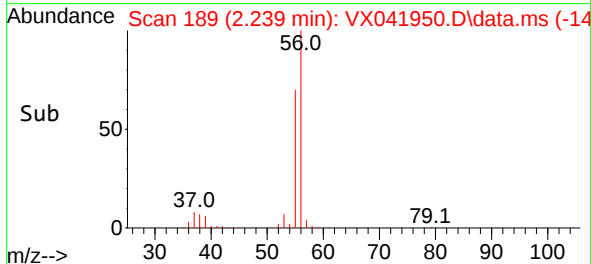
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108954
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

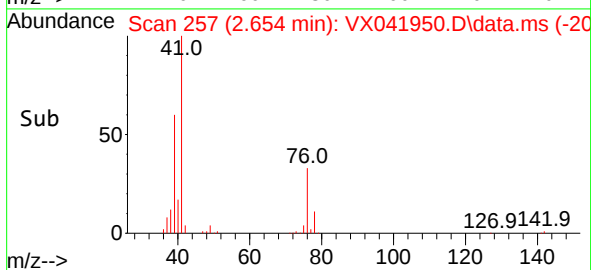
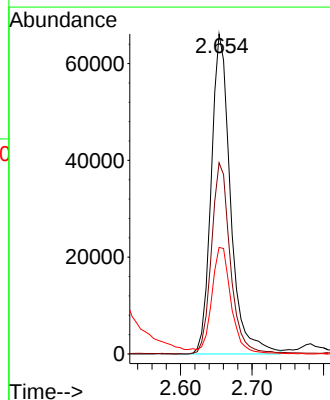
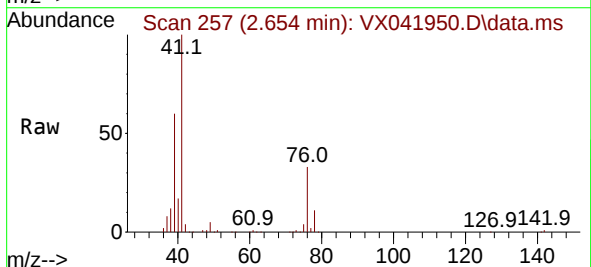
Manual Integrations
APPROVED

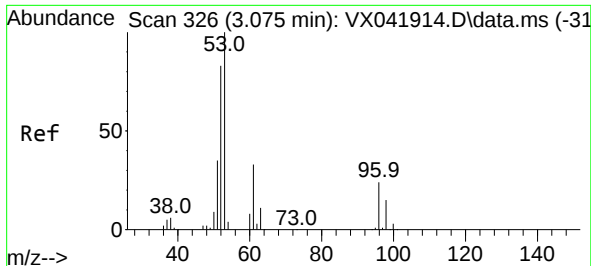
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#14
Allyl chloride
Concen: 47.757 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

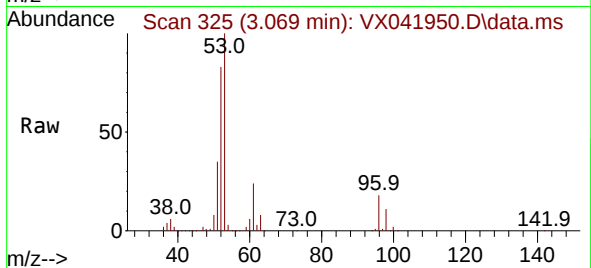
Tgt Ion: 41 Resp: 124307
Ion Ratio Lower Upper
41 100
39 58.8 55.8 83.6
76 33.4 24.3 36.5





#15
Acrylonitrile
Concen: 250.356 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

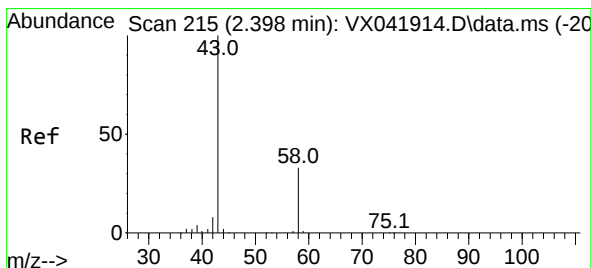
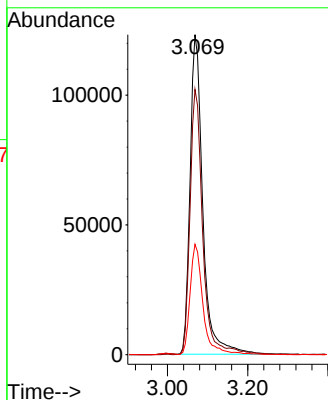
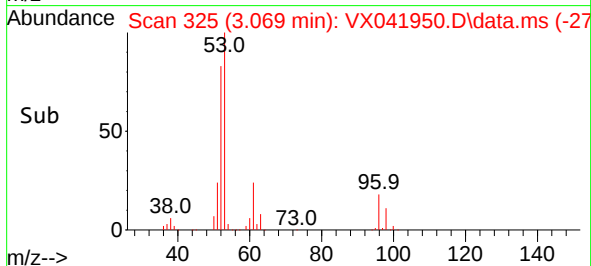
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 272310
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 34.9 29.8 44.6

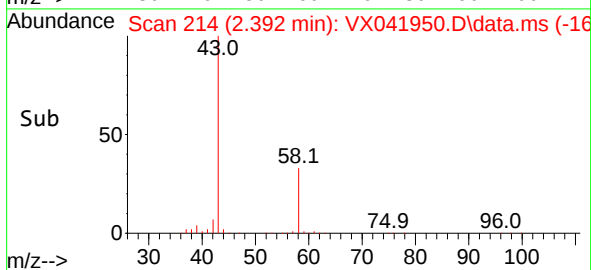
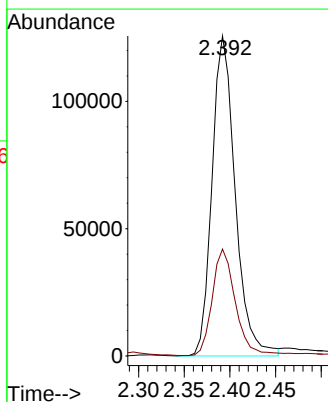
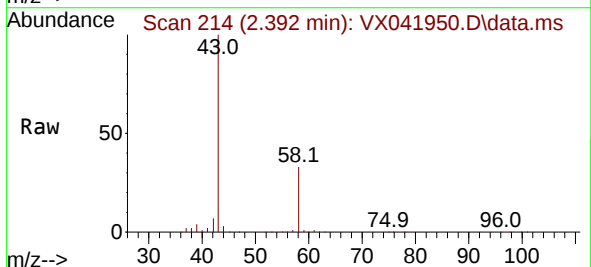
Manual Integrations
APPROVED

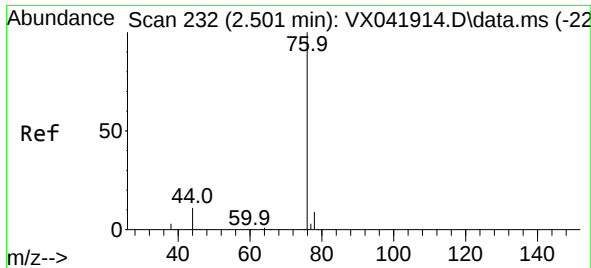
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#16
Acetone
Concen: 230.728 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 43 Resp: 222305
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9





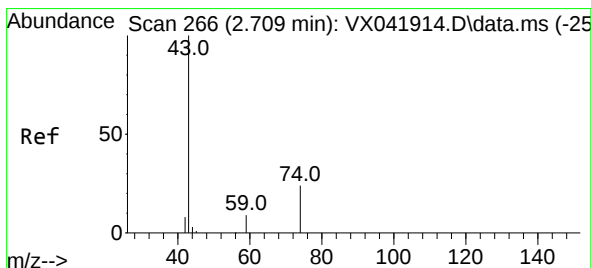
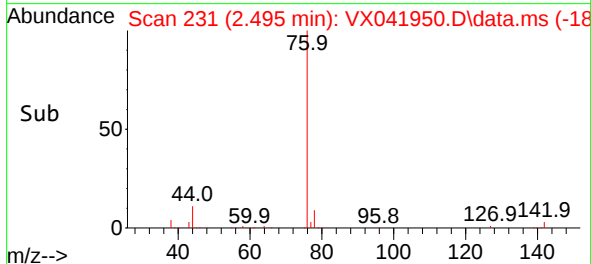
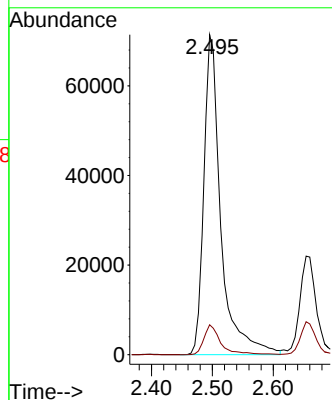
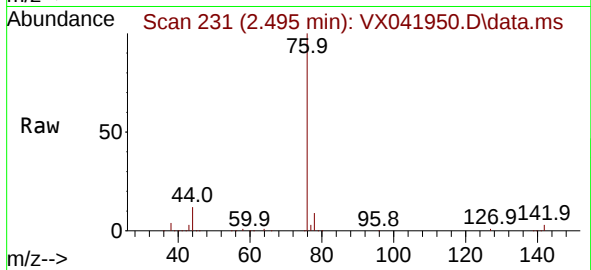
#17
Carbon Disulfide
Concen: 41.373 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 13845
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

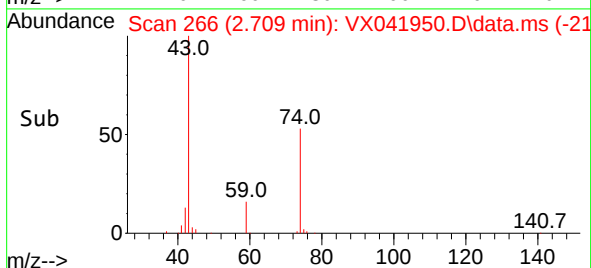
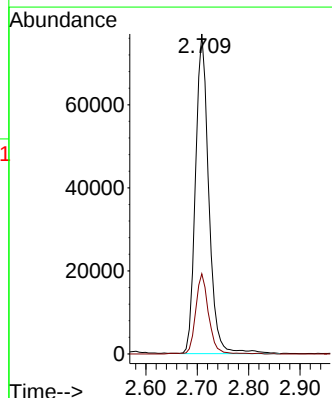
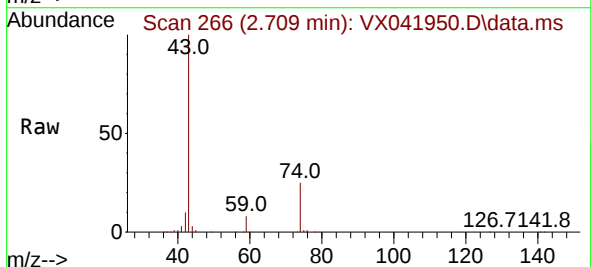
Manual Integrations
APPROVED

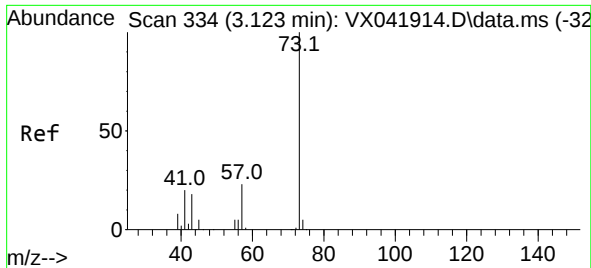
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 52.571 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 43 Resp: 138176
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





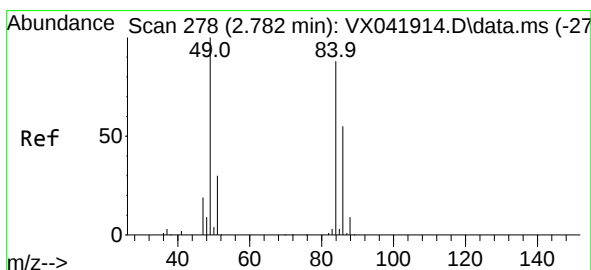
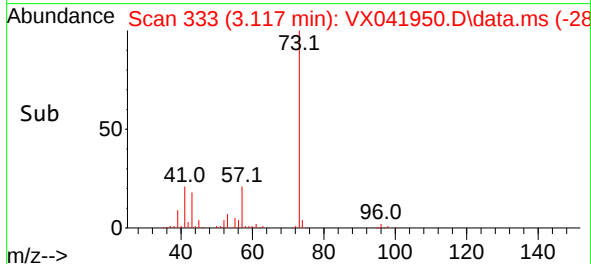
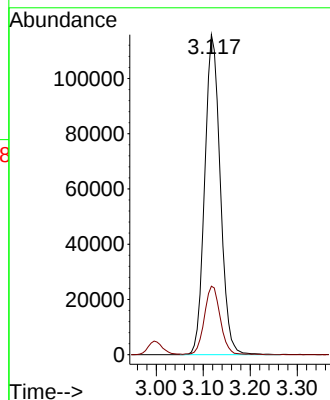
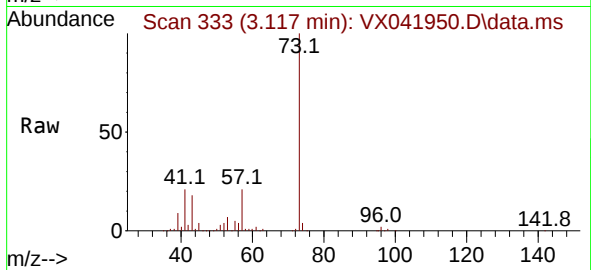
#19
Methyl tert-butyl Ether
Concen: 48.985 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 265604
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

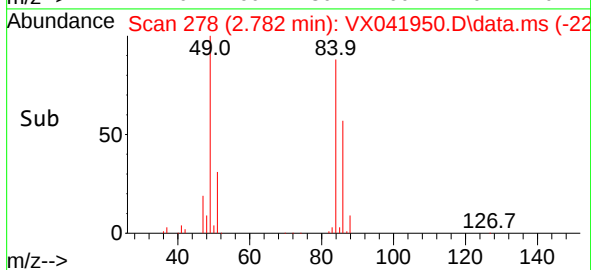
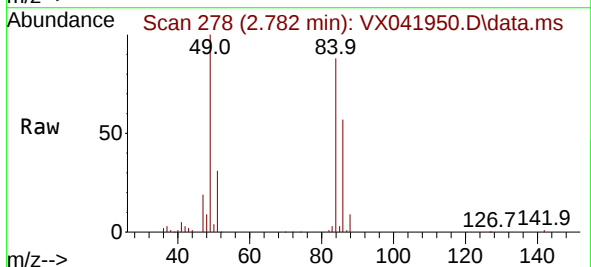
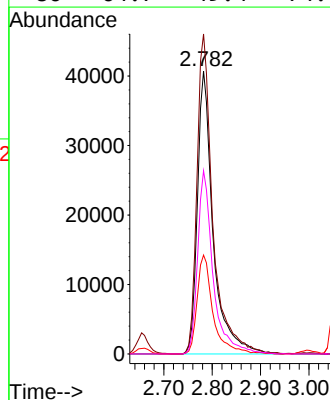
Manual Integrations
APPROVED

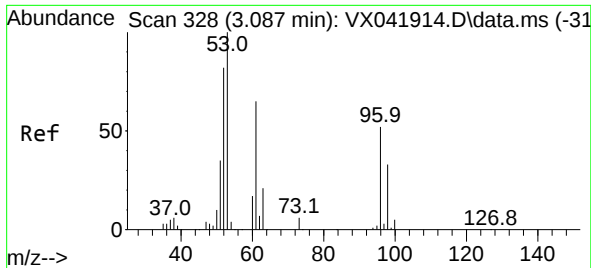
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 43.580 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 84 Resp: 91941
Ion Ratio Lower Upper
84 100
49 113.1 103.6 155.4
51 34.9 33.8 50.6
86 64.7 49.4 74.0





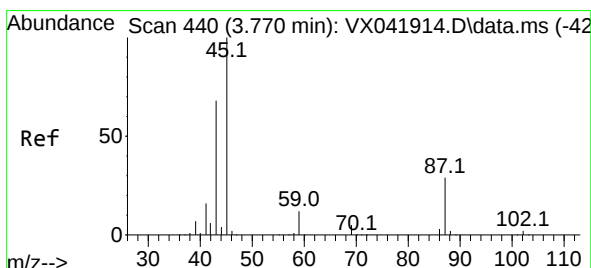
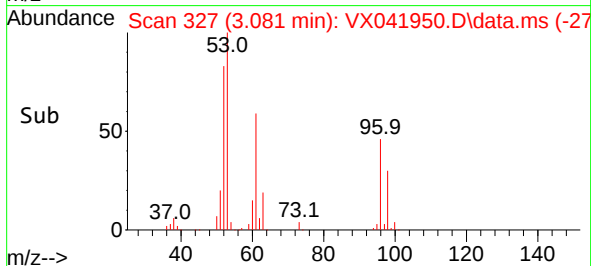
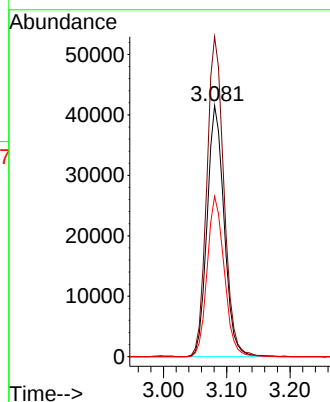
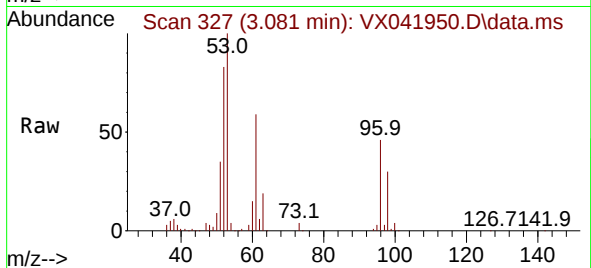
#21
trans-1,2-Dichloroethene
Concen: 46.668 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77735
Ion Ratio Lower Upper
96 100
61 127.4 119.2 178.8
98 63.9 48.7 73.1

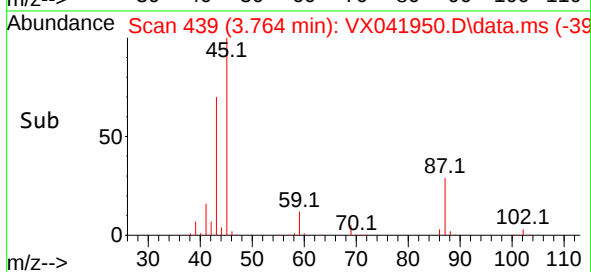
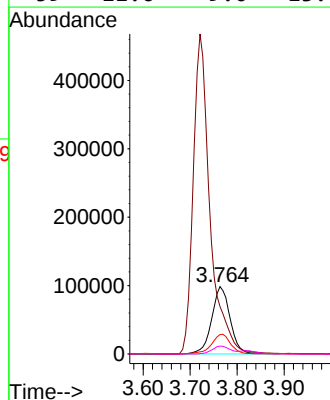
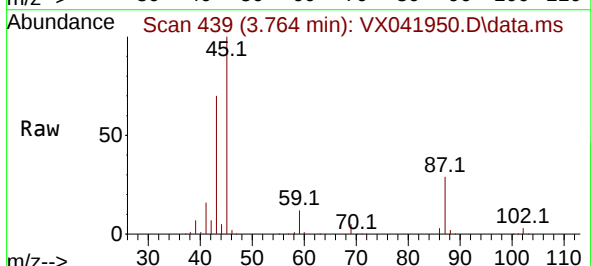
Manual Integrations
APPROVED

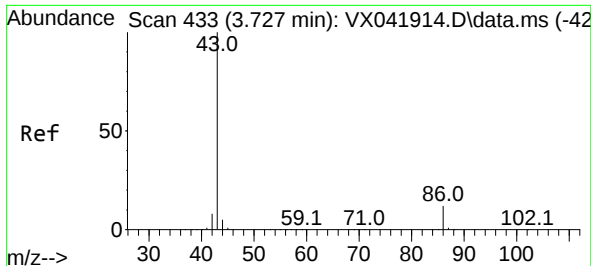
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#22
Diisopropyl ether
Concen: 48.627 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 45 Resp: 267542
Ion Ratio Lower Upper
45 100
43 69.3 69.7 104.5#
87 28.7 20.8 31.2
59 11.6 9.0 13.4





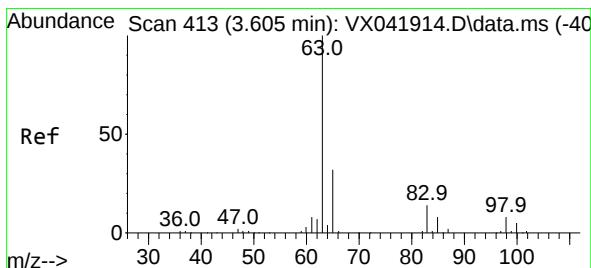
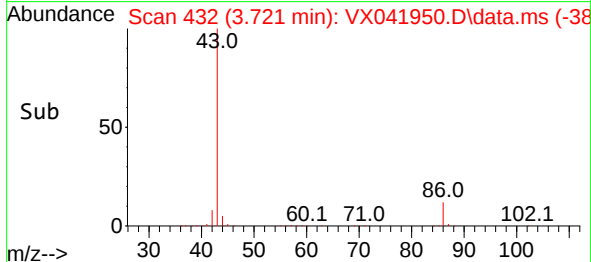
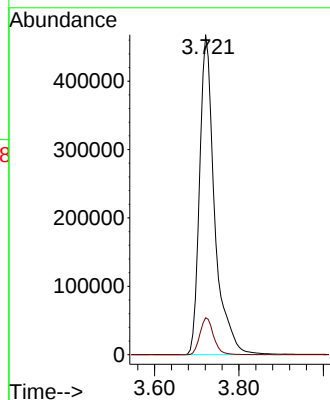
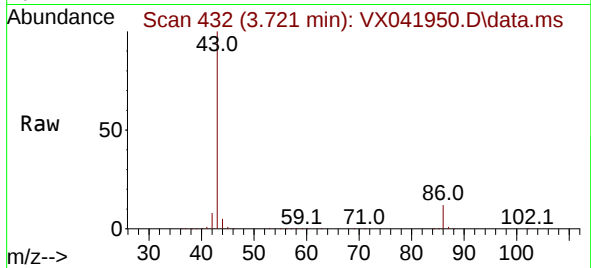
#23
 Vinyl Acetate
 Concen: 247.056 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1160834
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

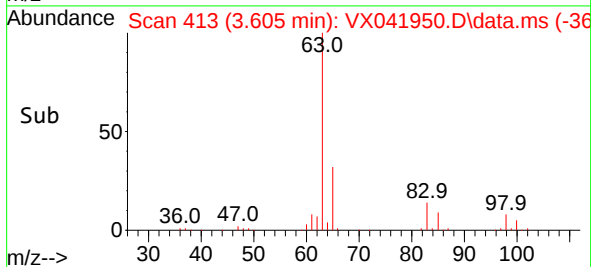
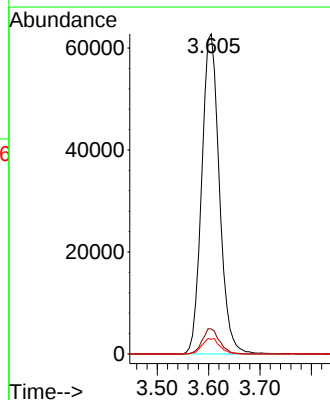
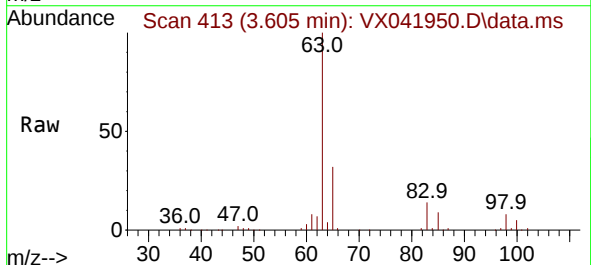
Manual Integrations
 APPROVED

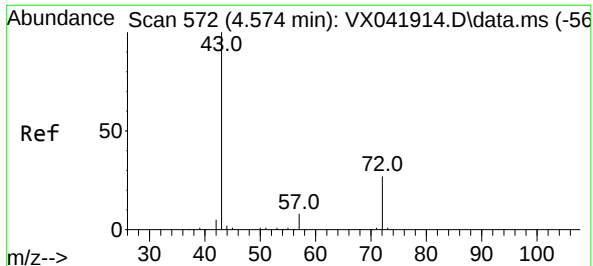
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#24
 1,1-Dichloroethane
 Concen: 48.528 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42

Tgt Ion: 63 Resp: 149517
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 4.6 2.1 6.5





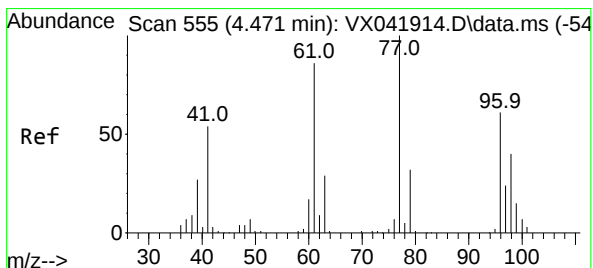
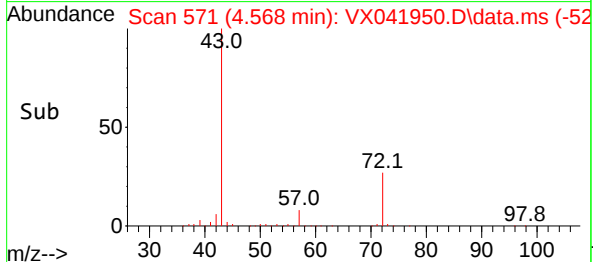
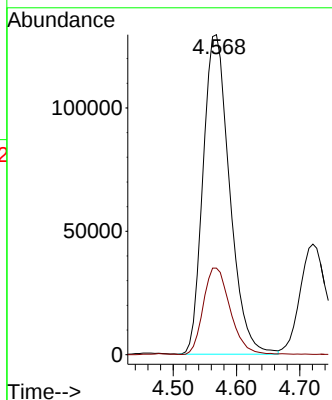
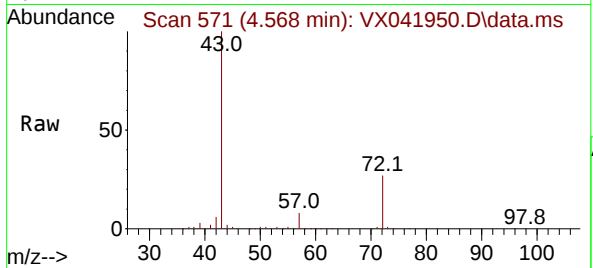
#25
2-Butanone
Concen: 252.469 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 378440
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

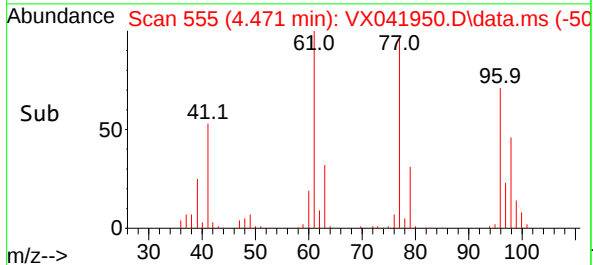
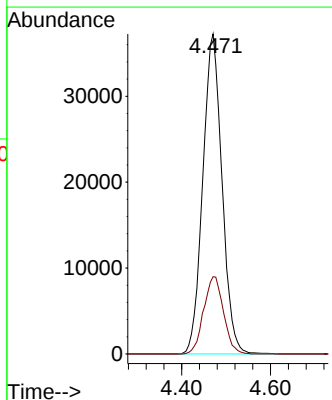
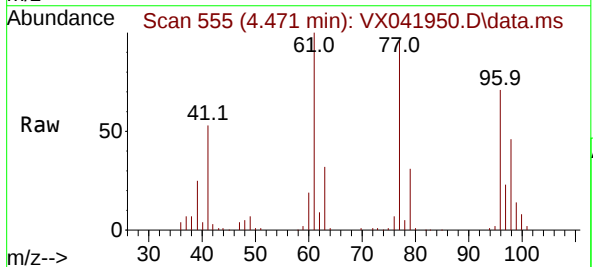
Manual Integrations
APPROVED

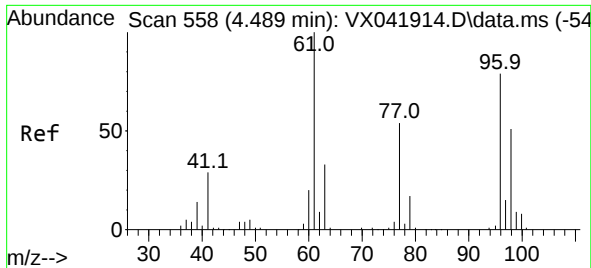
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#26
2,2-Dichloropropane
Concen: 50.214 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 77 Resp: 112036
Ion Ratio Lower Upper
77 100
97 24.9 10.8 32.3





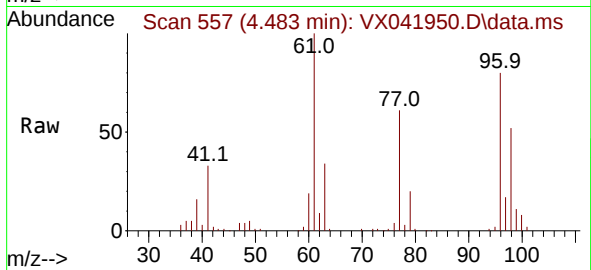
#27
cis-1,2-Dichloroethene
Concen: 47.967 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



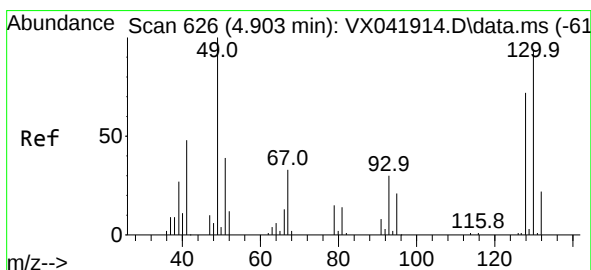
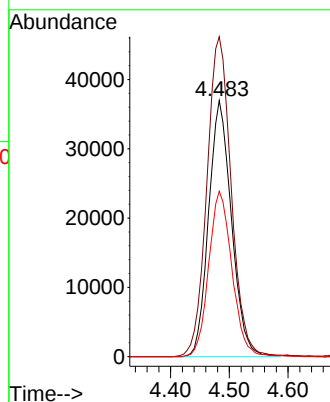
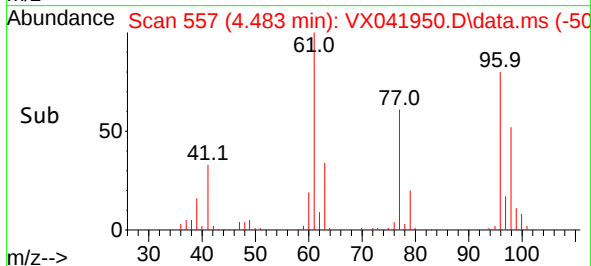
Tgt Ion: 96 Resp: 100069
Ion Ratio Lower Upper
96 100
61 133.1 0.0 312.2
98 65.7 0.0 129.0

Manual Integrations

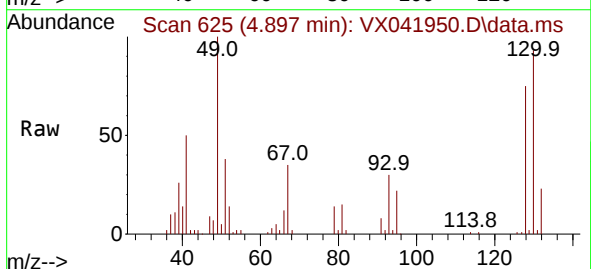
APPROVED

Reviewed By :John Carlone 06/20/2024

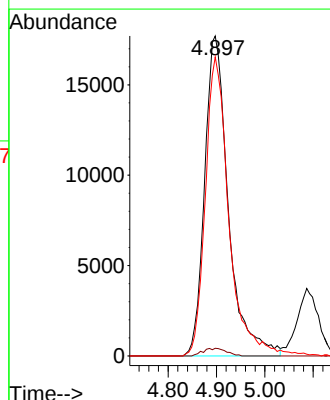
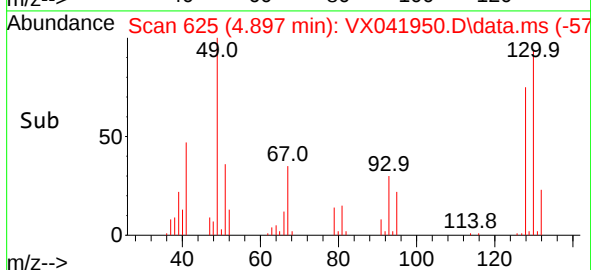
Supervised By :Mahesh Dadoda 06/20/2024

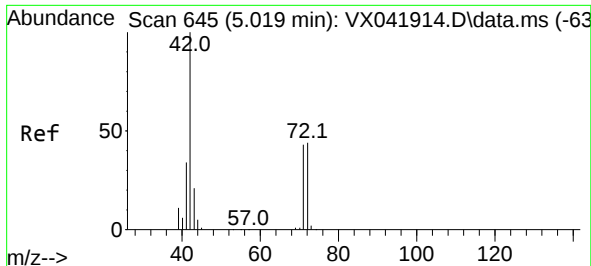


#28
Bromochloromethane
Concen: 45.821 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



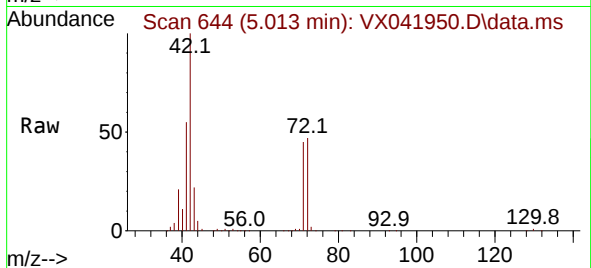
Tgt Ion: 49 Resp: 60468
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 93.0 57.5 86.3#





#29
Tetrahydrofuran
Concen: 249.936 ug/l
RT: 5.013 min Scan# 645
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

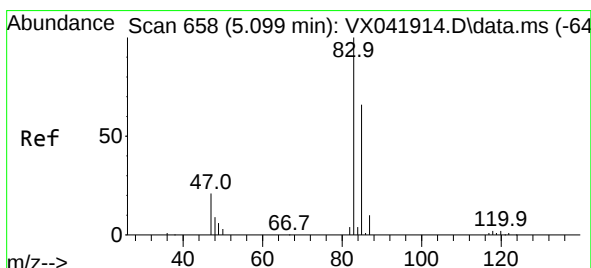
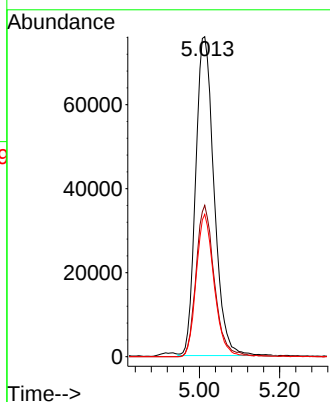
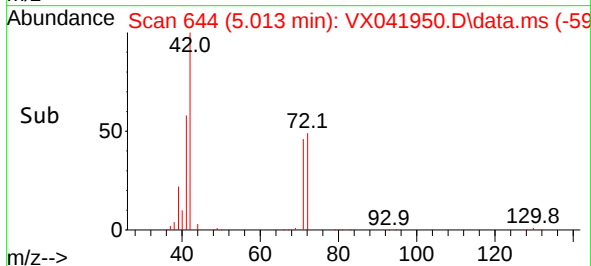
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 24195
Ion Ratio Lower Upper
42 100
72 47.3 34.2 51.4
71 43.2 32.2 48.2

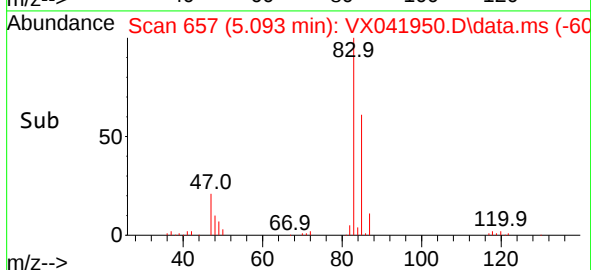
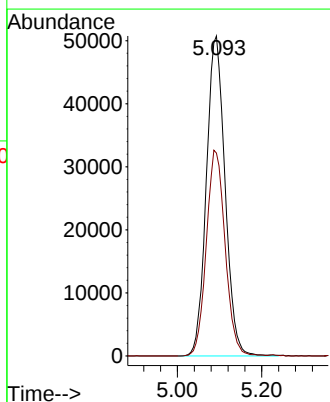
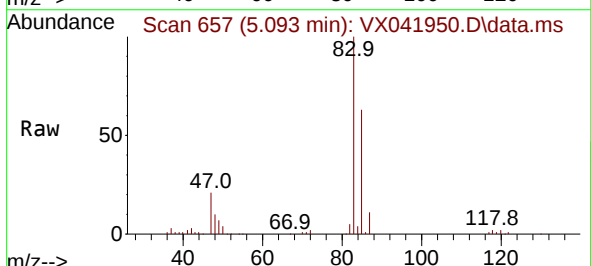
Manual Integrations
APPROVED

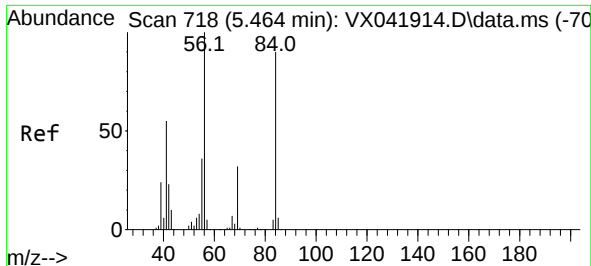
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#30
Chloroform
Concen: 48.659 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

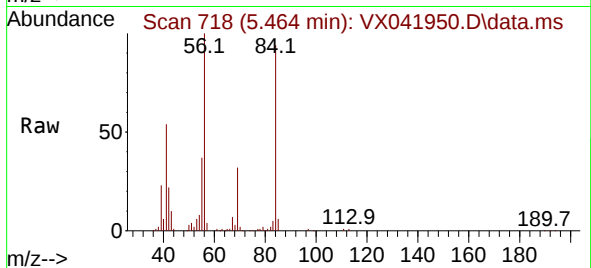
Tgt Ion: 83 Resp: 156191
Ion Ratio Lower Upper
83 100
85 63.4 50.3 75.5





#31
Cyclohexane
Concen: 46.823 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

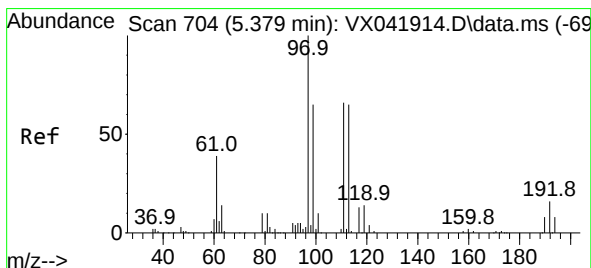
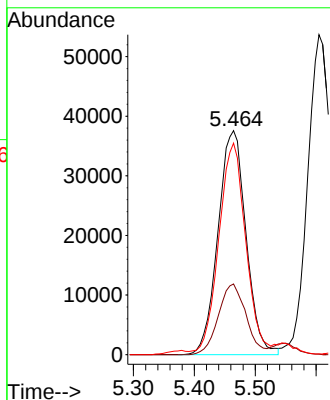
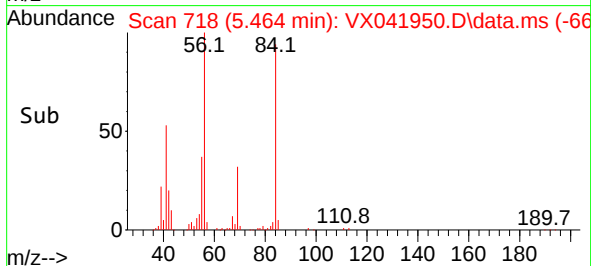
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 120154
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 92.8 65.9 98.9

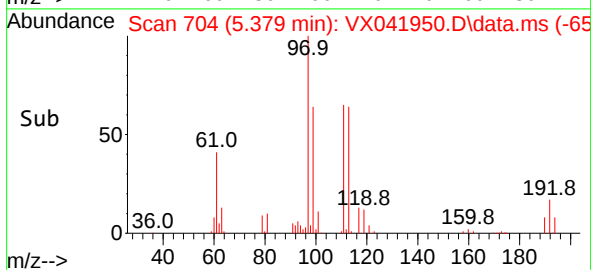
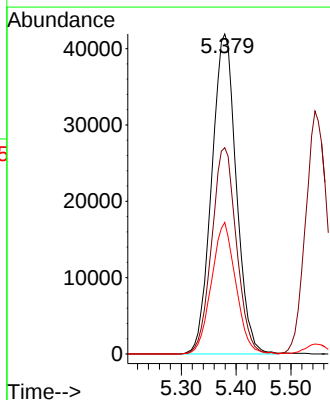
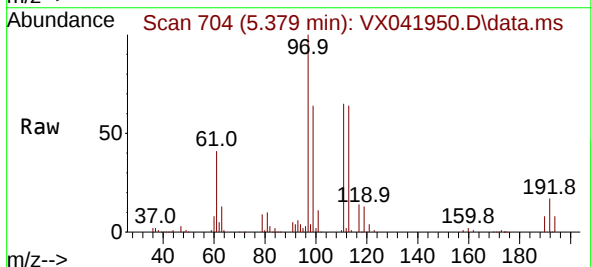
Manual Integrations
APPROVED

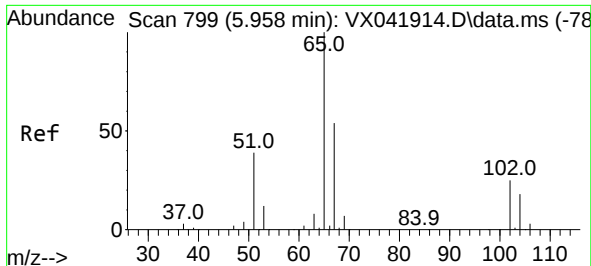
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#32
1,1,1-Trichloroethane
Concen: 48.742 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 97 Resp: 130734
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 39.896 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8754

Ion Ratio Lower Upper

65 100

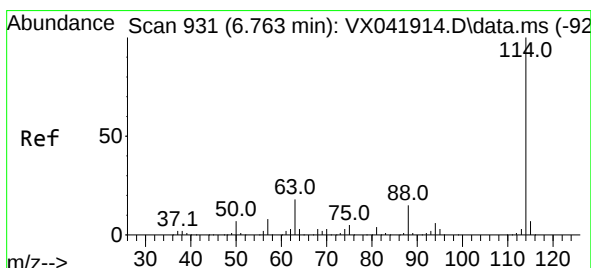
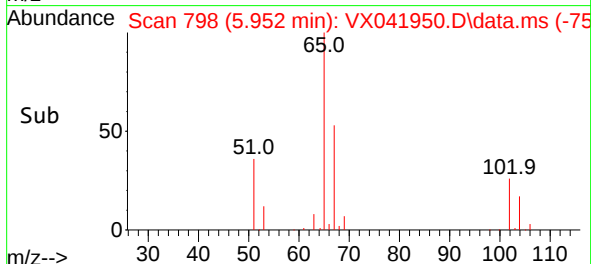
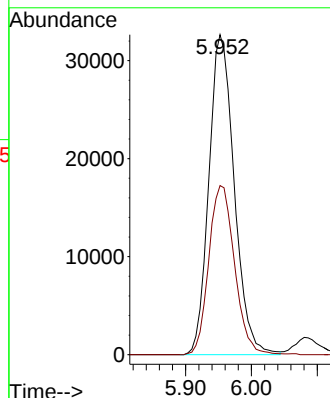
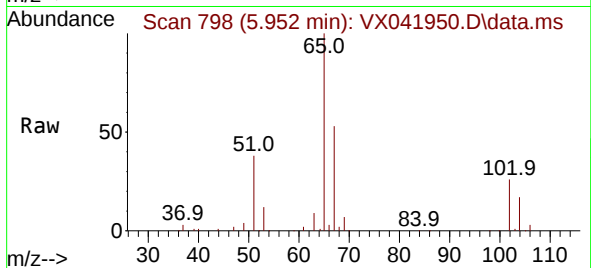
67 53.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

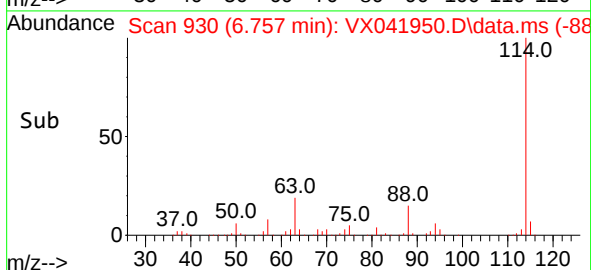
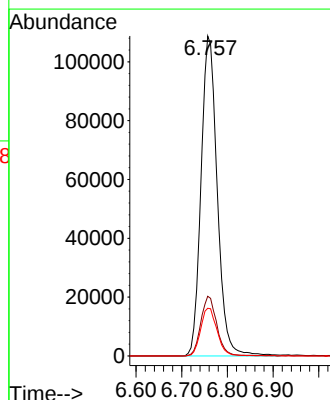
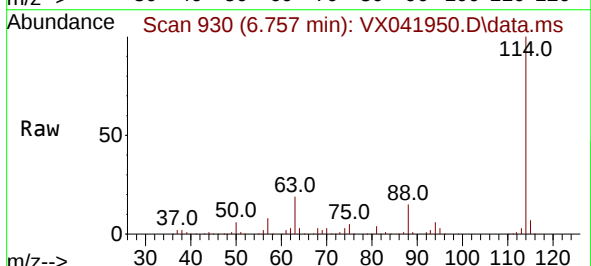
Tgt Ion:114 Resp: 267988

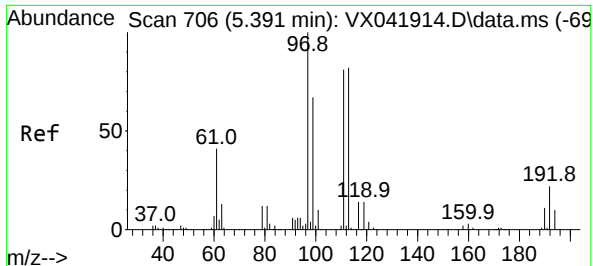
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

88 14.9 0.0 36.6





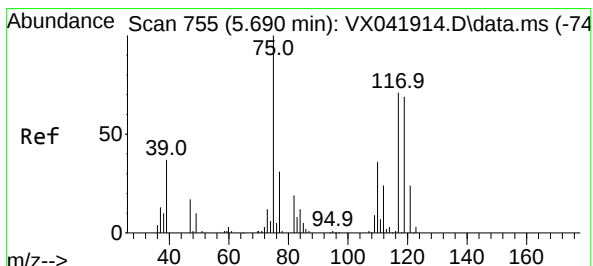
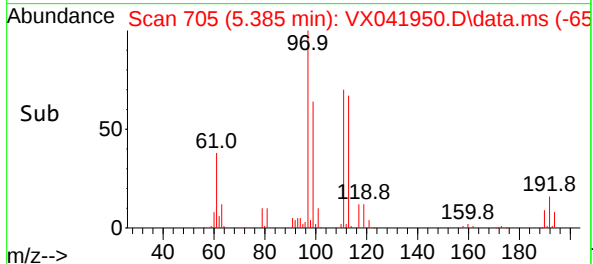
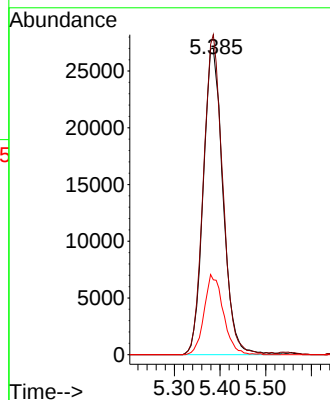
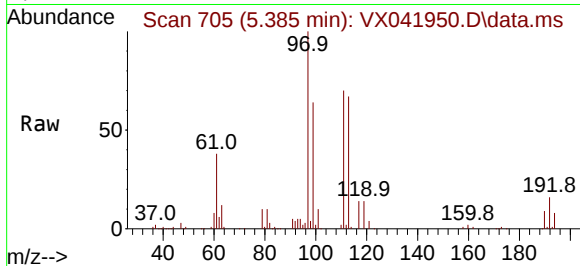
#35
Dibromofluoromethane
Concen: 42.546 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 80902
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.4 13.3 19.9

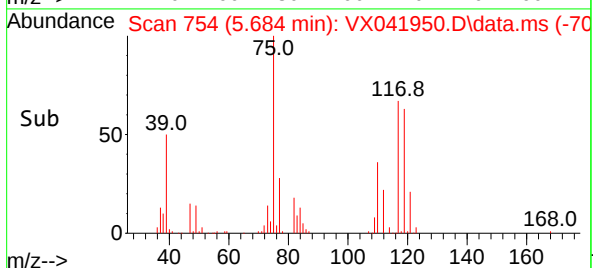
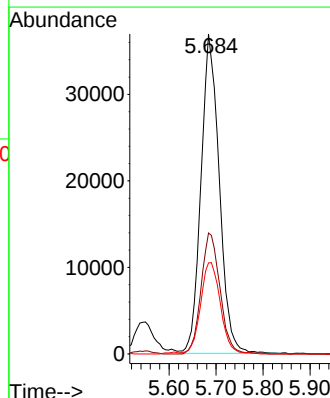
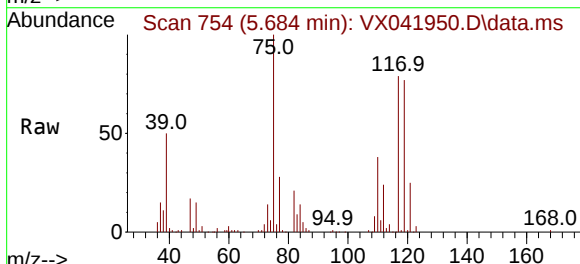
Manual Integrations
APPROVED

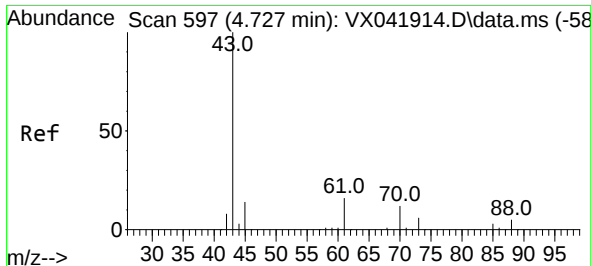
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#36
1,1-Dichloropropene
Concen: 49.388 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 75 Resp: 99725
Ion Ratio Lower Upper
75 100
110 39.2 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 51.460 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 135358

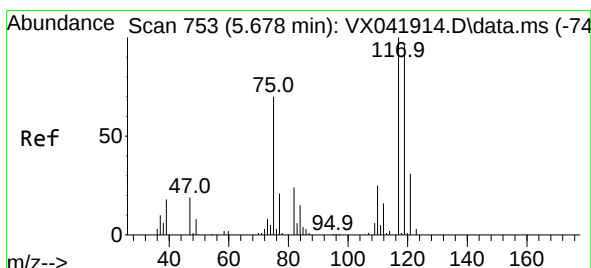
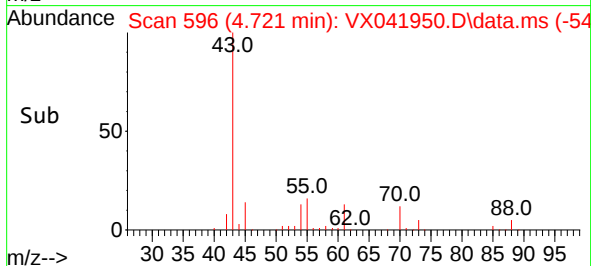
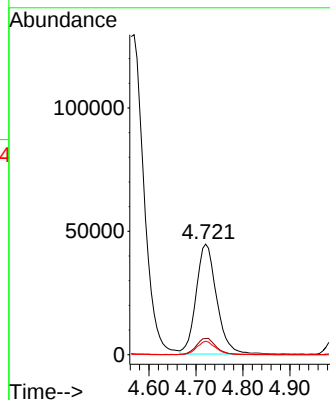
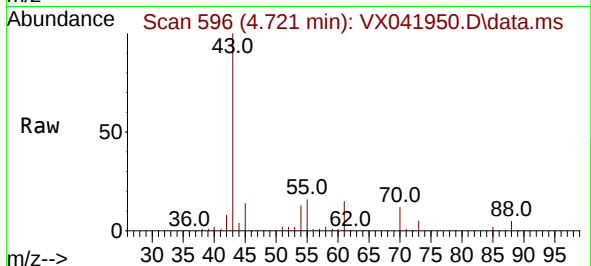
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 50.230 ug/l

RT: 5.672 min Scan# 752

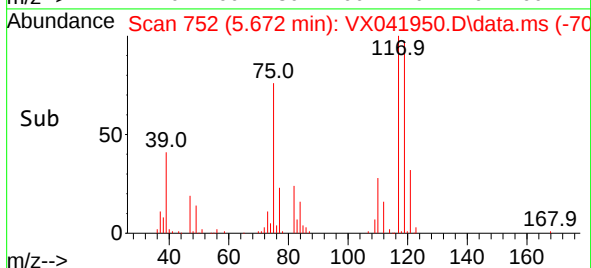
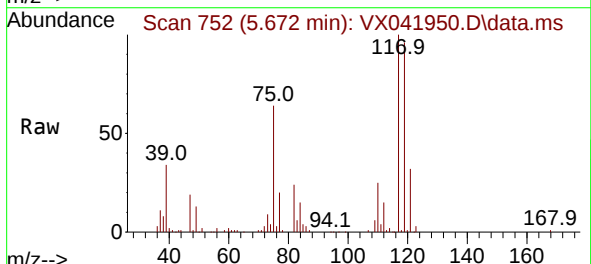
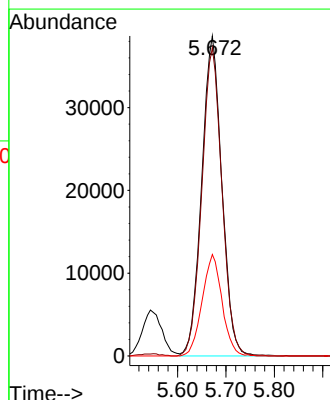
Delta R.T. -0.006 min

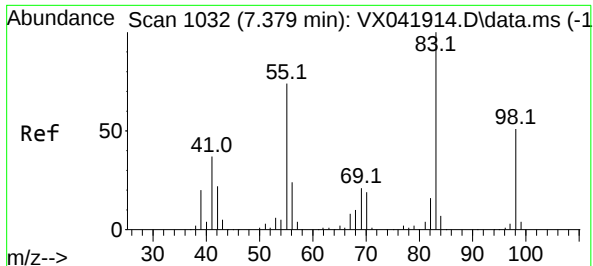
Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Tgt Ion:117 Resp: 112063

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.2
121	31.7	24.4	36.6





#39

Methylcyclohexane

Concen: 51.090 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 130468

Ion Ratio Lower Upper

83 100

55 72.7 64.6 97.0

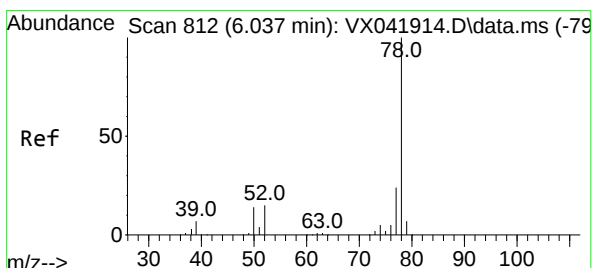
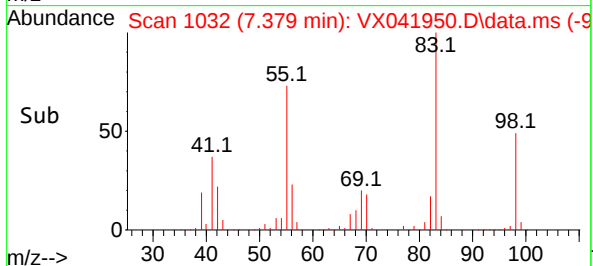
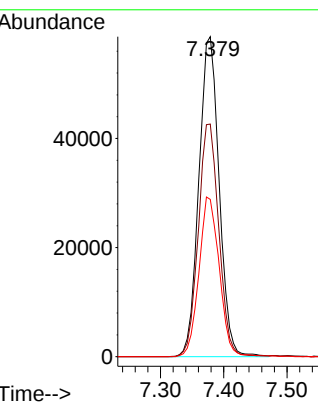
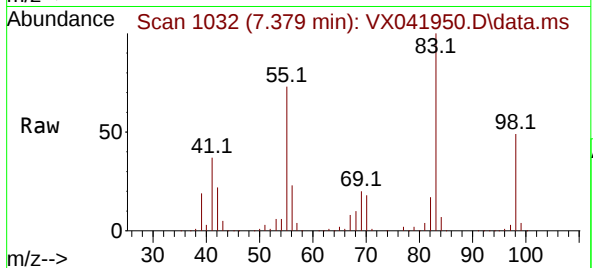
98 49.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#40

Benzene

Concen: 49.372 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX041950.D

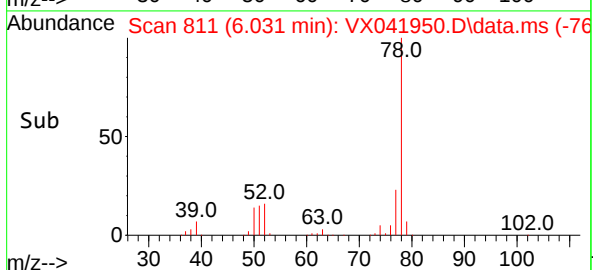
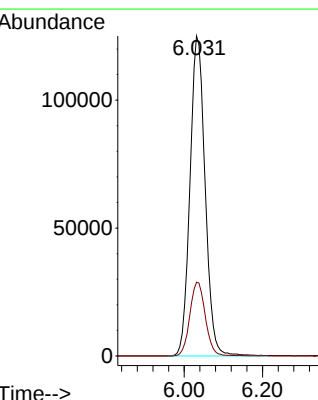
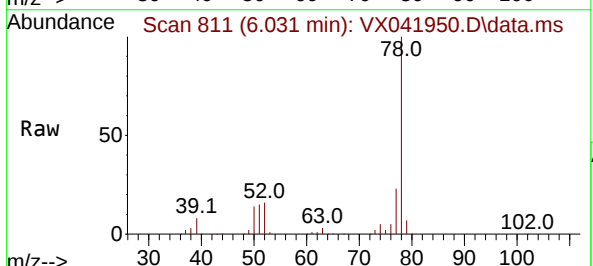
Acq: 19 Jun 2024 16:42

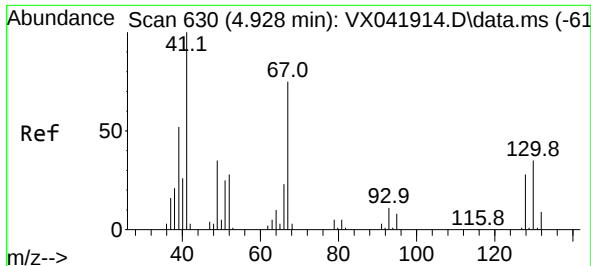
Tgt Ion: 78 Resp: 336232

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





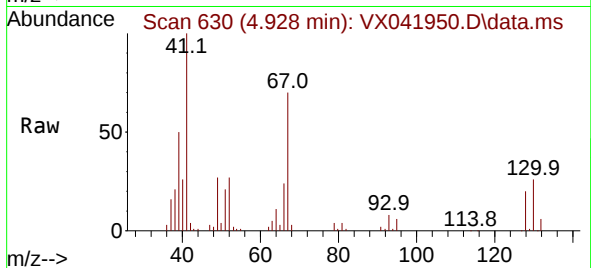
#41
Methacrylonitrile
Concen: 52.894 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



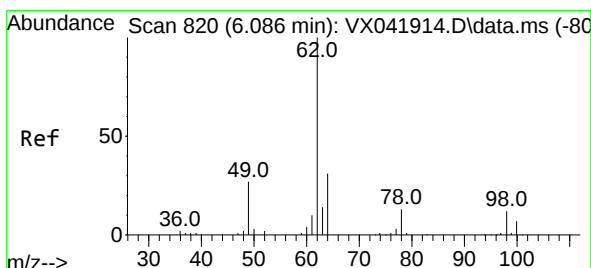
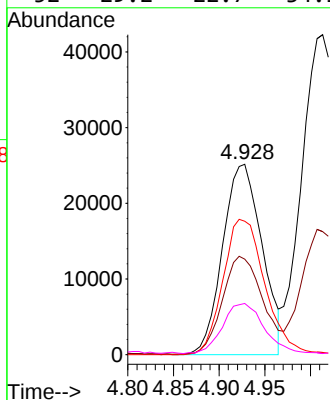
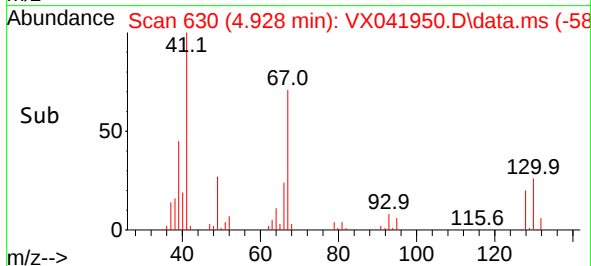
Tgt Ion: 41 Resp: 75419
Ion Ratio Lower Upper
41 100
39 53.2 45.2 67.8
67 76.5 52.6 78.8
52 29.2 22.7 34.1

Manual Integrations

APPROVED

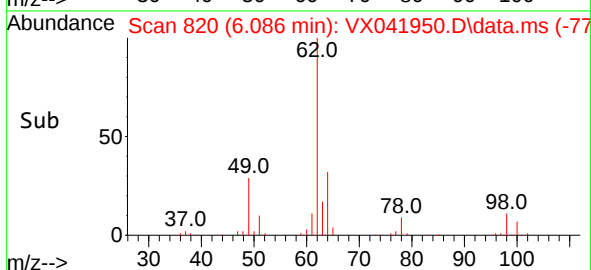
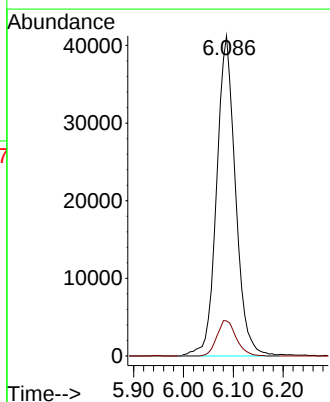
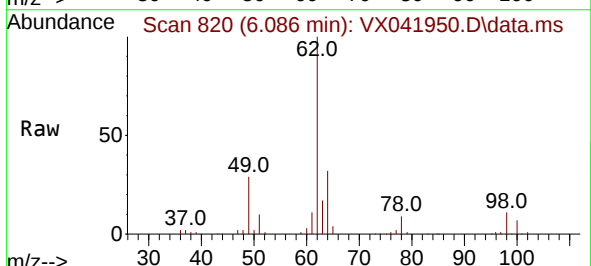
Reviewed By :John Carlone 06/20/2024

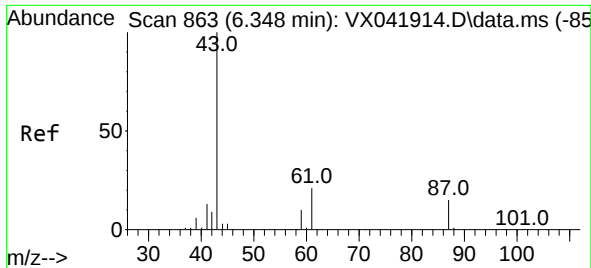
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 49.446 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 62 Resp: 108466
Ion Ratio Lower Upper
62 100
98 11.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.222 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

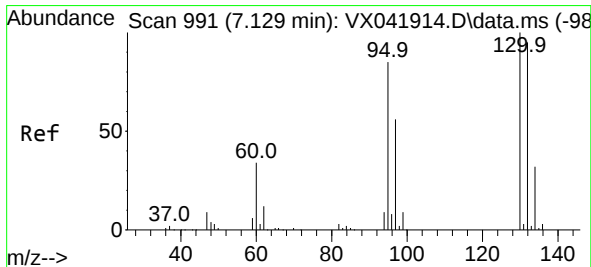
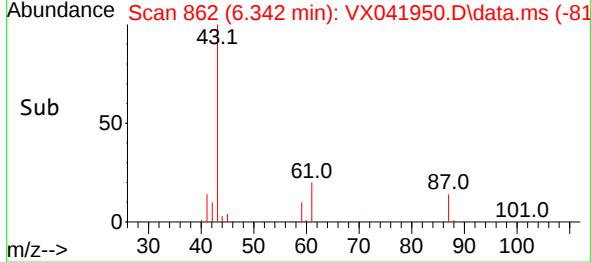
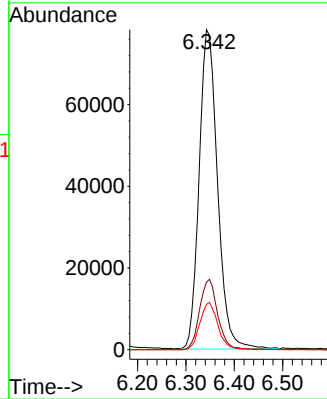
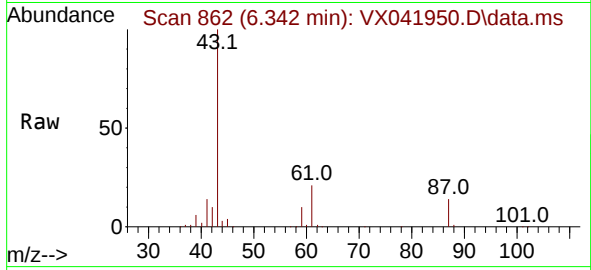
Tgt Ion: 43	Resp: 206800
Ion Ratio	Lower Upper
43	100
61	21.5 15.2 22.8
87	14.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#44

Trichloroethene

Concen: 49.761 ug/l

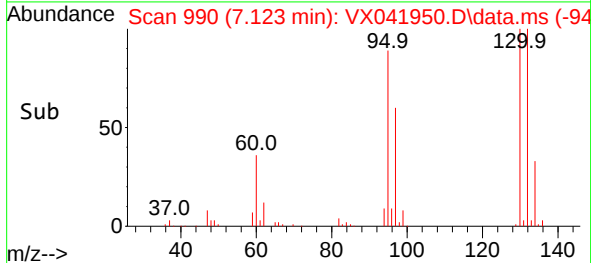
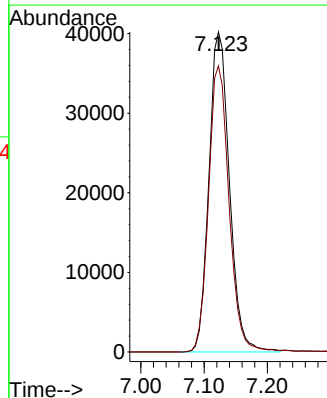
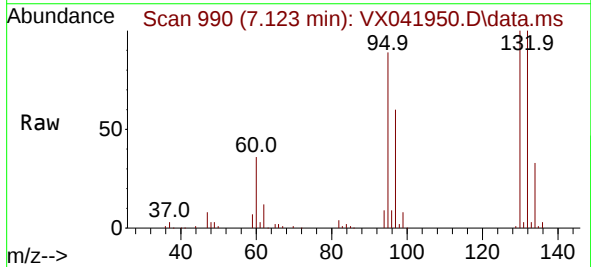
RT: 7.123 min Scan# 990

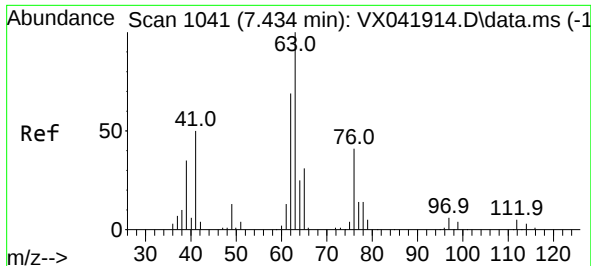
Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Tgt Ion:130	Resp: 90837
Ion Ratio	Lower Upper
130	100
95	89.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.981 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8536

Ion Ratio Lower Upper

63 100

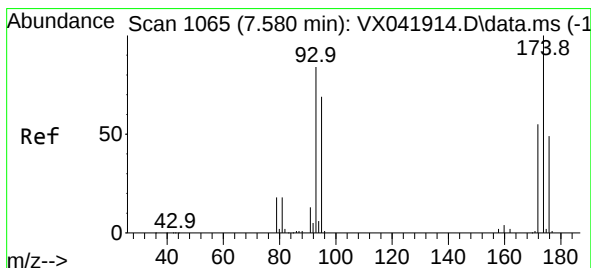
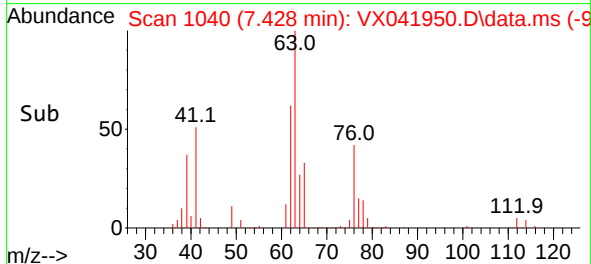
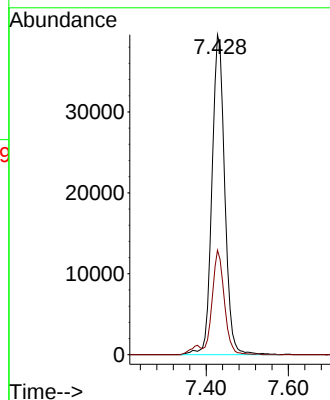
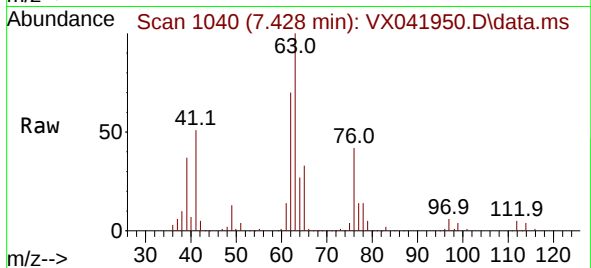
65 32.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#46

Dibromomethane

Concen: 50.221 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

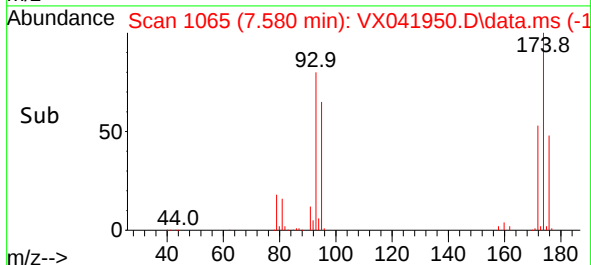
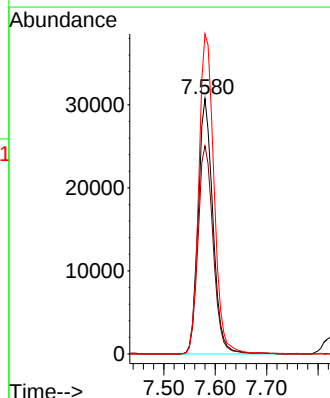
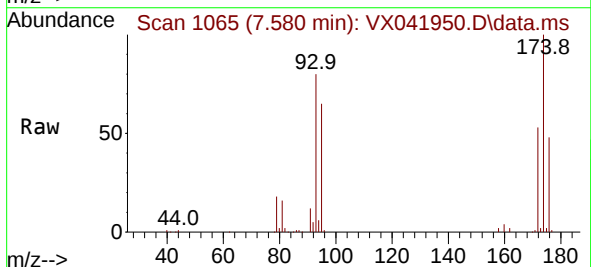
Tgt Ion: 93 Resp: 61274

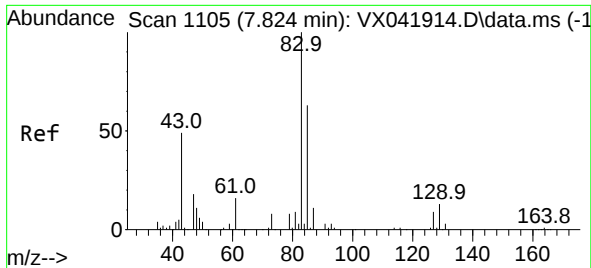
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

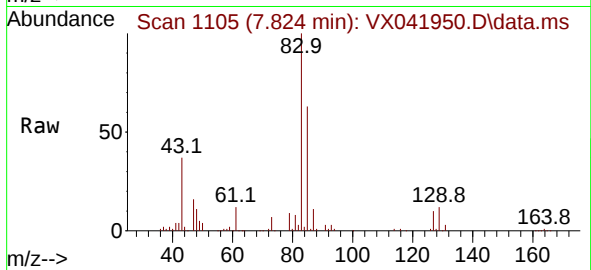
174 128.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 51.303 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

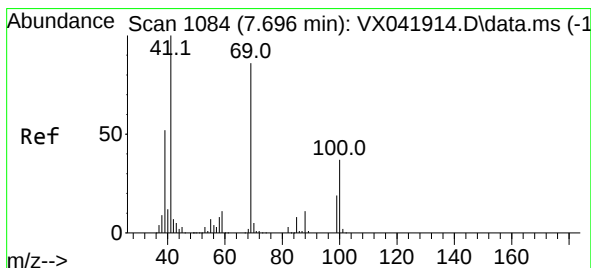
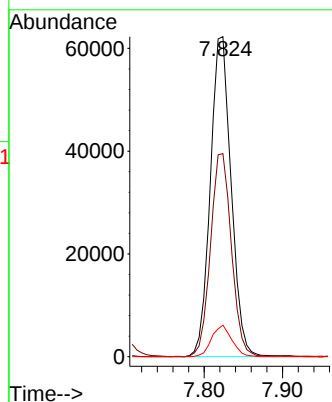
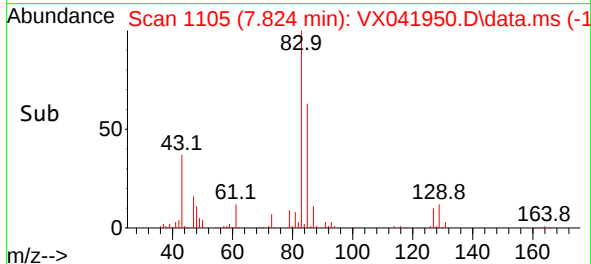
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 114920
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 9.8 7.1 10.7

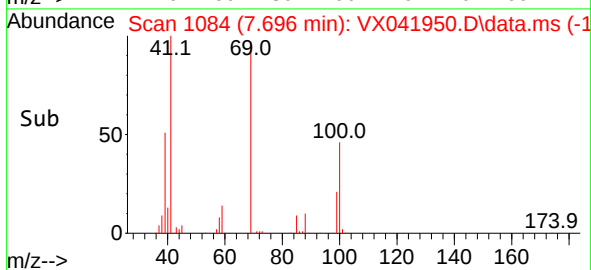
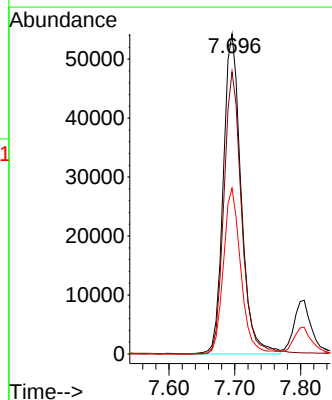
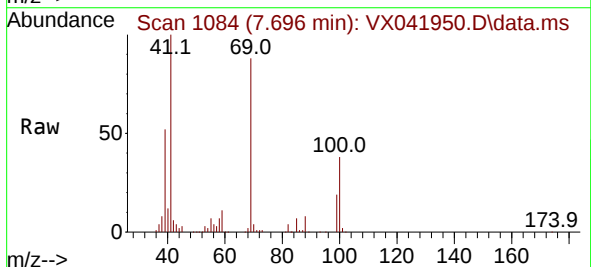
Manual Integrations
APPROVED

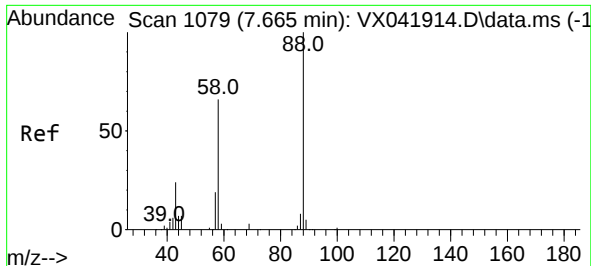
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#48
Methyl methacrylate
Concen: 53.137 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion: 41 Resp: 102387
Ion Ratio Lower Upper
41 100
69 88.0 59.2 88.8
39 50.5 47.7 71.5





#49

1,4-Dioxane

Concen: 972.826 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

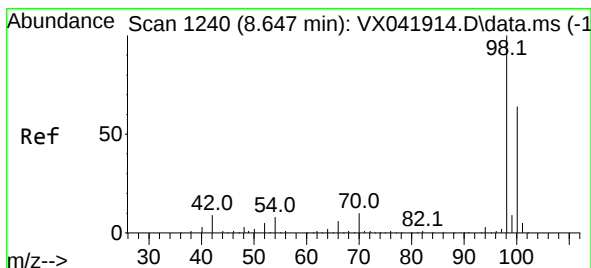
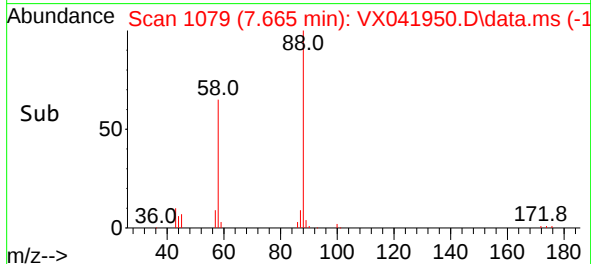
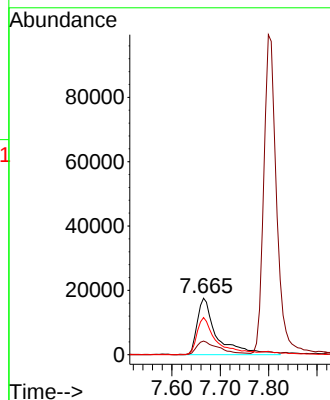
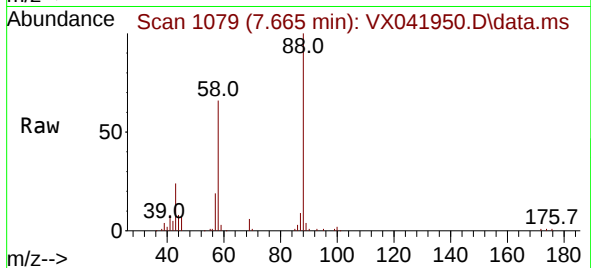
Tgt Ion: 88 Resp: 49572
 Ion Ratio Lower Upper
 88 100
 43 27.9 0.0 0.0
 58 64.4 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#50

Toluene-d8

Concen: 43.151 ug/l

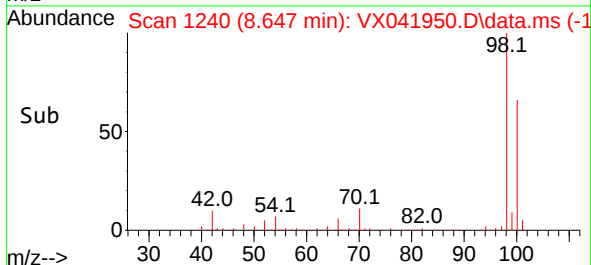
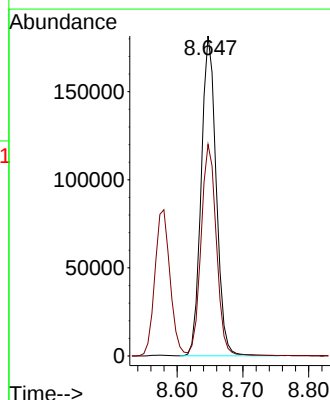
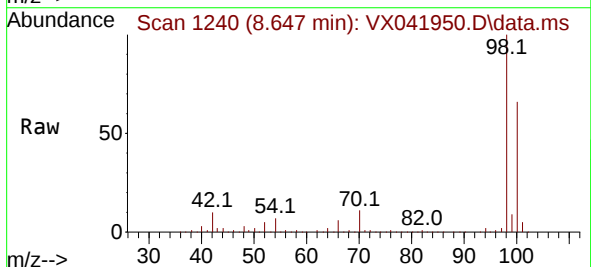
RT: 8.647 min Scan# 1240

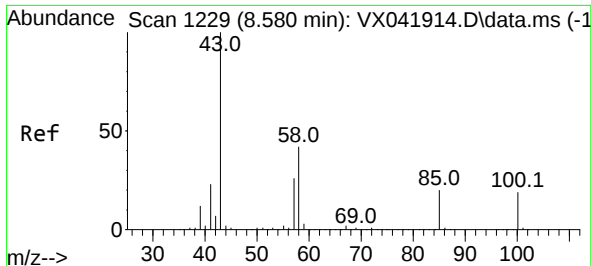
Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Tgt Ion: 98 Resp: 288258
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 266.279 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 74056

Ion Ratio Lower Upper

43 100

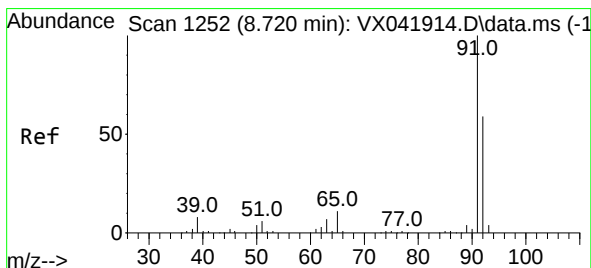
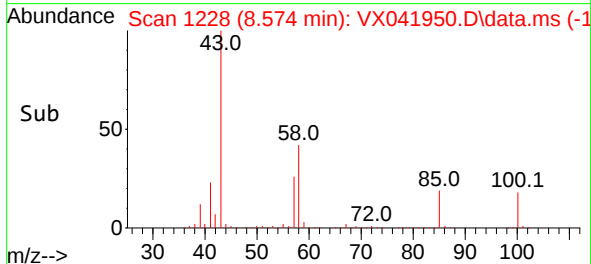
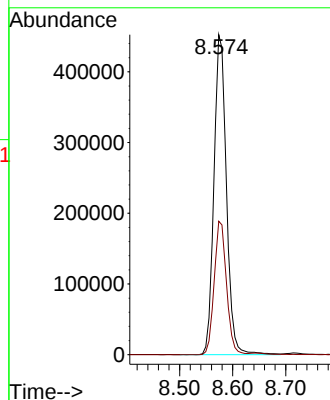
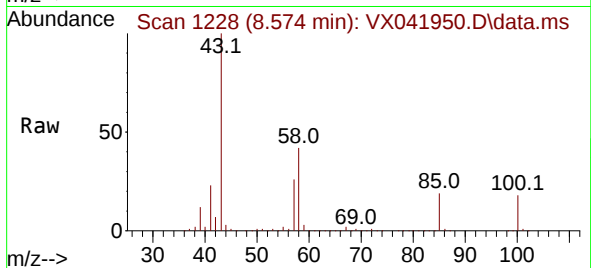
58 41.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#52

Toluene

Concen: 50.768 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041950.D

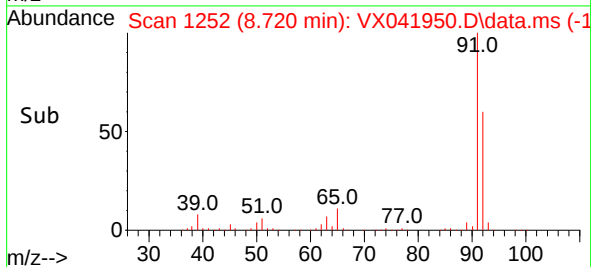
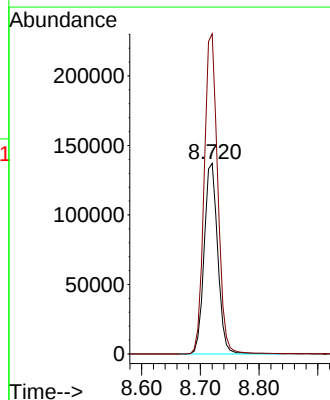
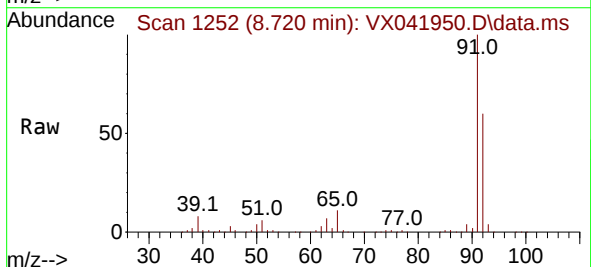
Acq: 19 Jun 2024 16:42

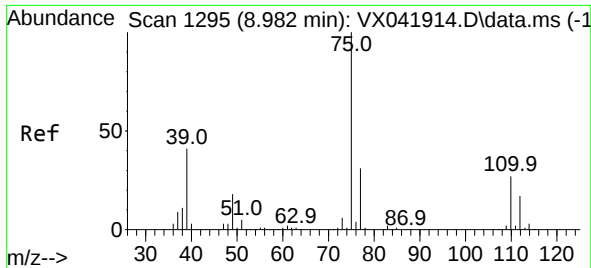
Tgt Ion: 92 Resp: 220161

Ion Ratio Lower Upper

92 100

91 168.1 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 49.371 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

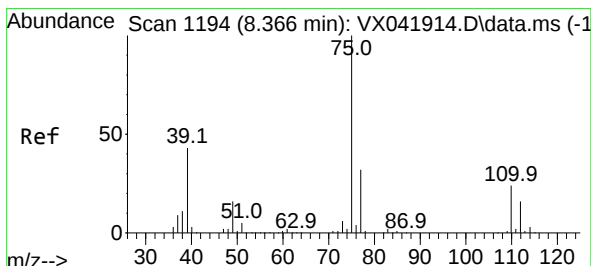
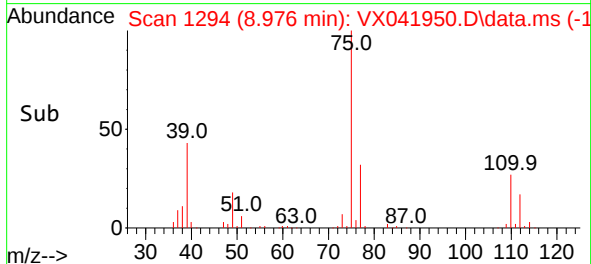
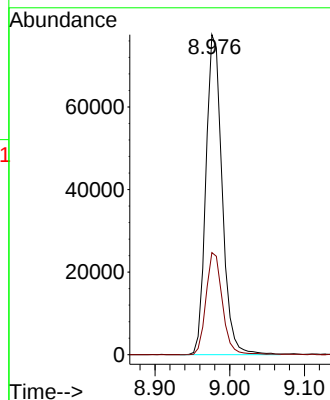
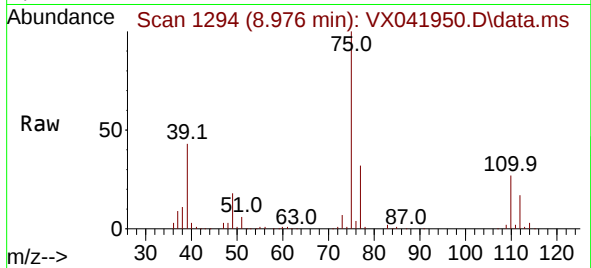
VSTDCCC050EC

Tgt Ion: 75 Resp: 116910
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5

Manual Integrations

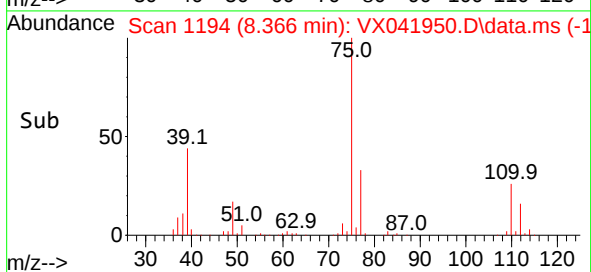
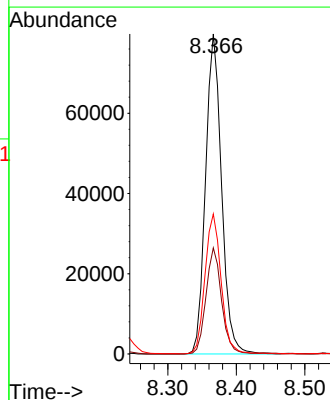
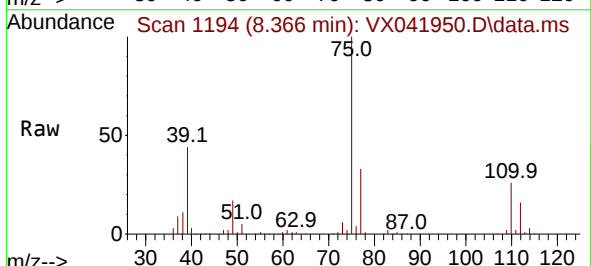
APPROVED

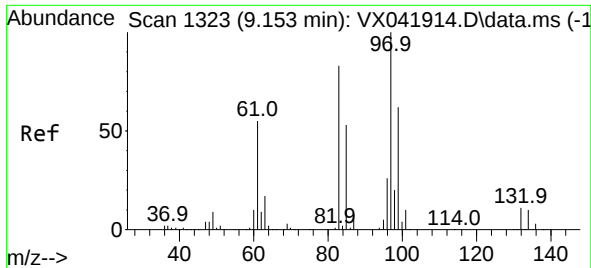
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 52.907 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42

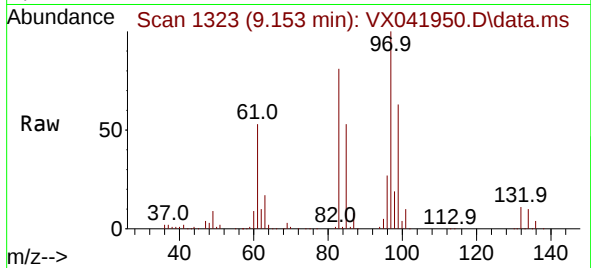
Tgt Ion: 75 Resp: 129752
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9
 39 43.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 52.007 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

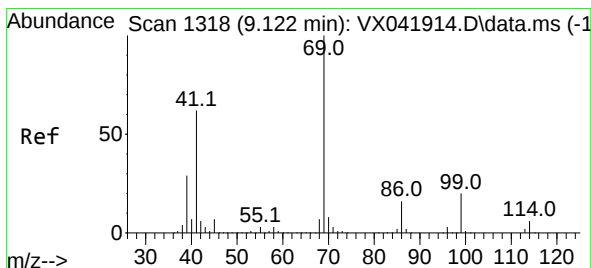
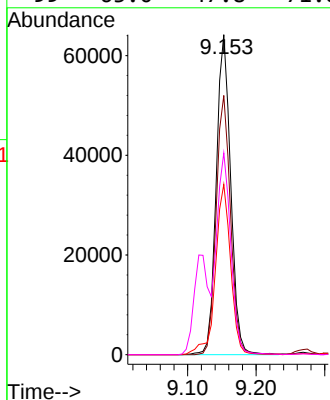
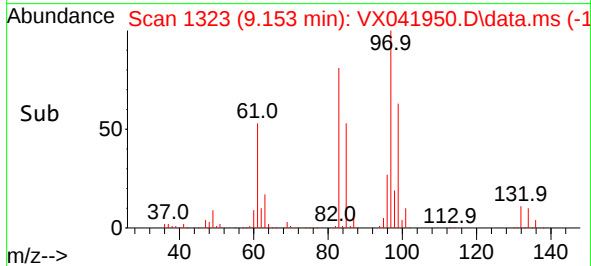
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



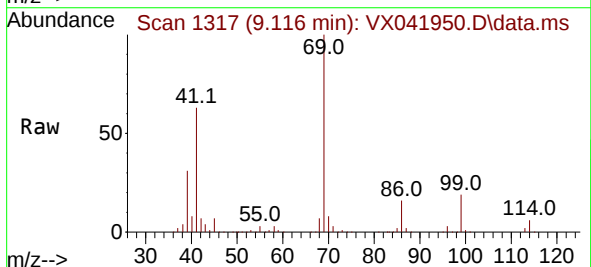
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.8	98.8
85	53.2	41.6	62.4
99	63.0	47.8	71.8

Manual Integrations
APPROVED

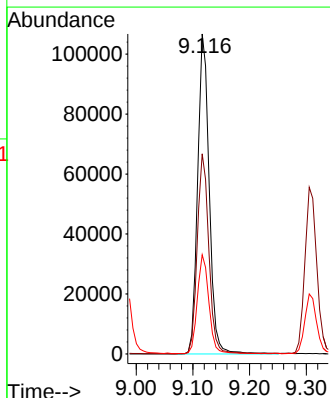
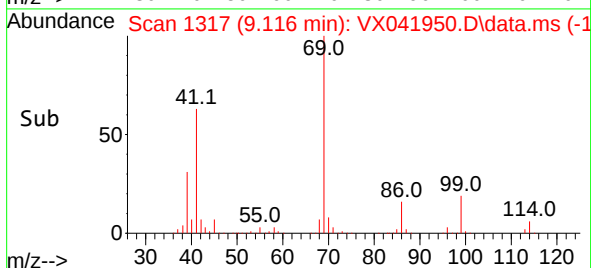
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

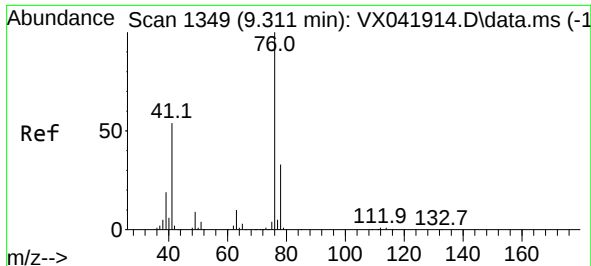


#56
Ethyl methacrylate
Concen: 53.713 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	56.8	85.2
39	30.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.016 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 148900

Ion Ratio Lower Upper

76 100

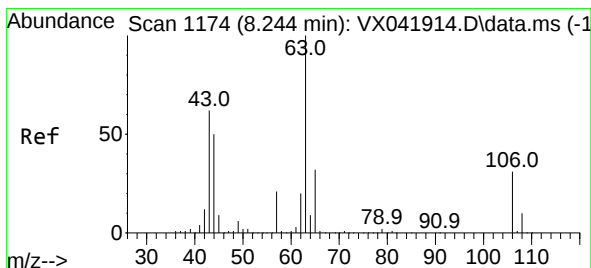
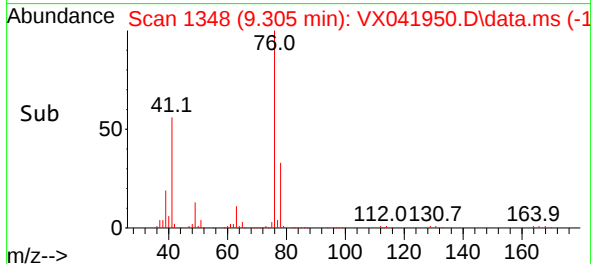
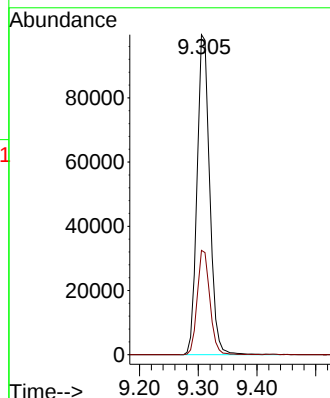
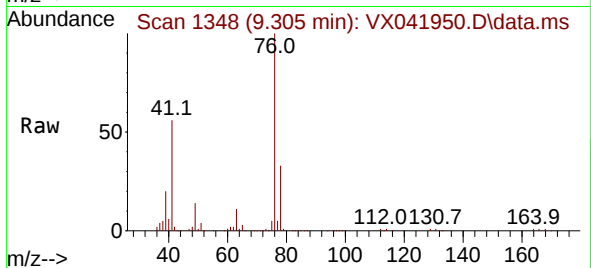
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 256.174 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041950.D

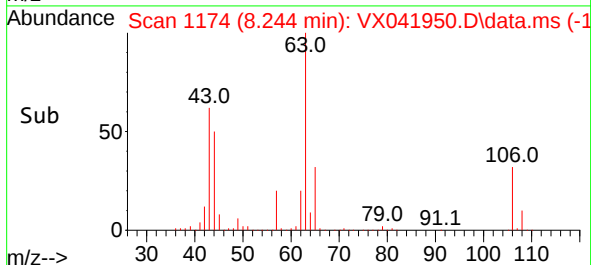
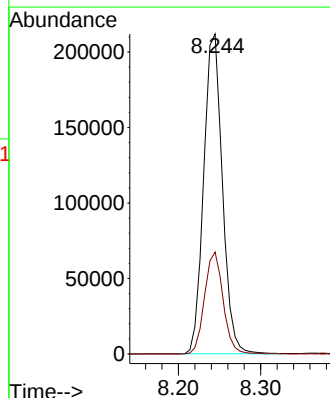
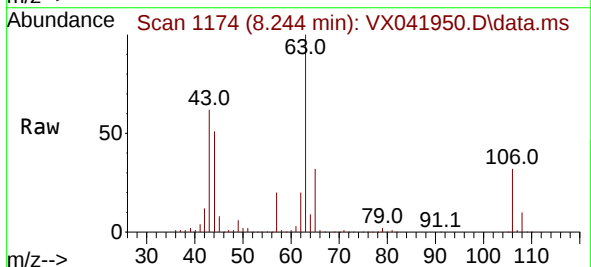
Acq: 19 Jun 2024 16:42

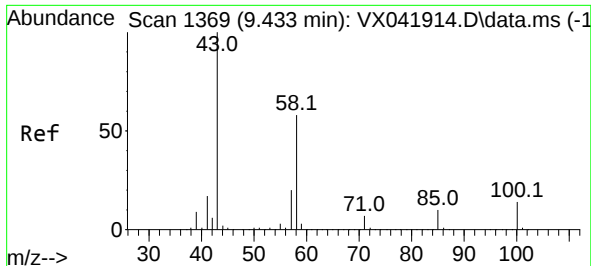
Tgt Ion: 63 Resp: 335515

Ion Ratio Lower Upper

63 100

106 31.6 22.5 33.7





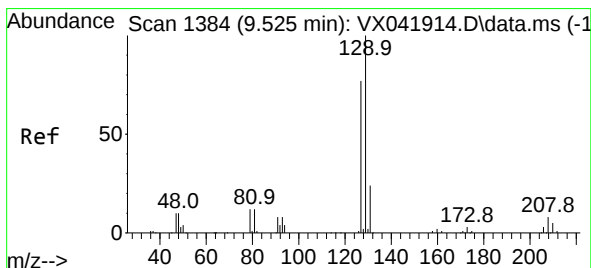
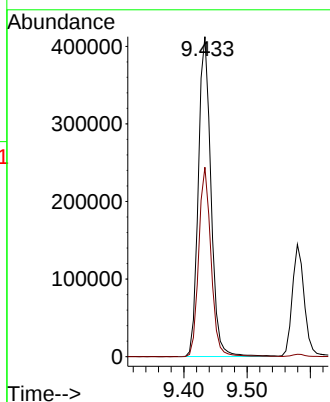
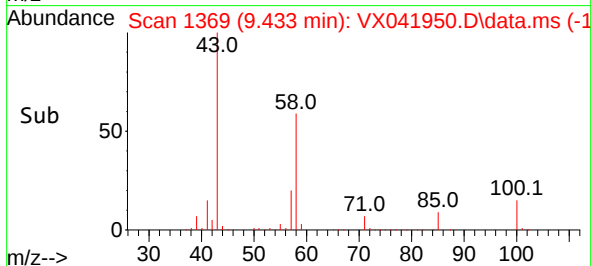
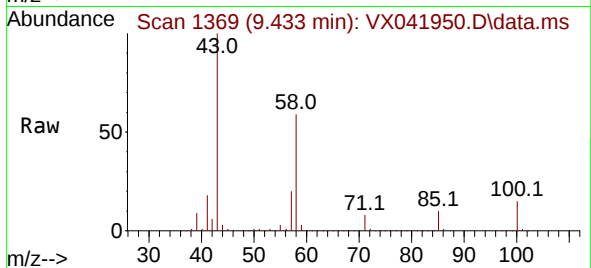
#59
2-Hexanone
Concen: 270.183 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 57552
Ion Ratio Lower Upper
43 100
58 57.9 26.2 78.5

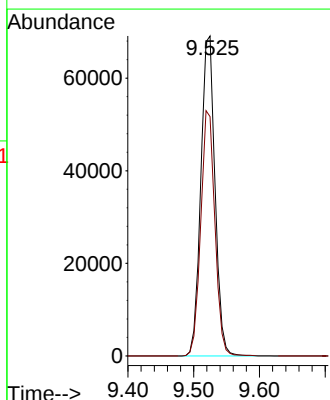
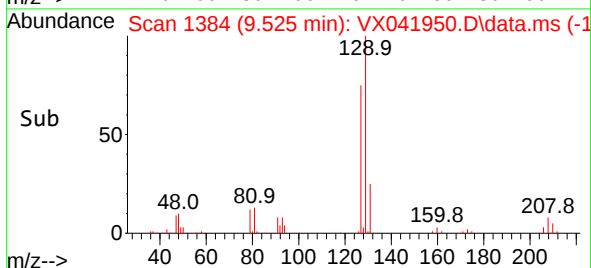
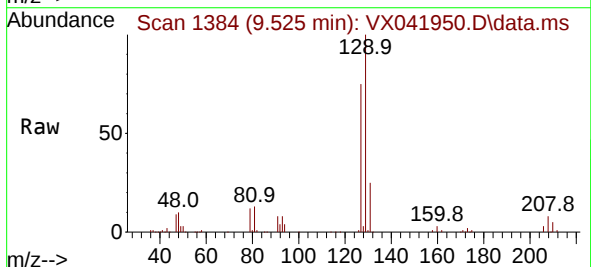
Manual Integrations
APPROVED

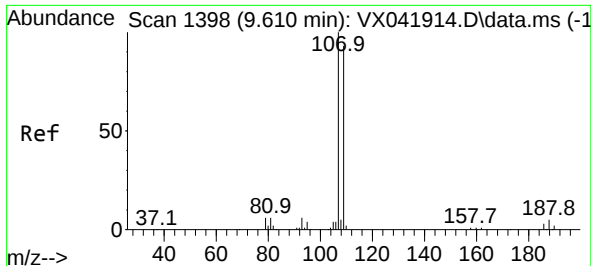
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 52.690 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion:129 Resp: 103396
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.717 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

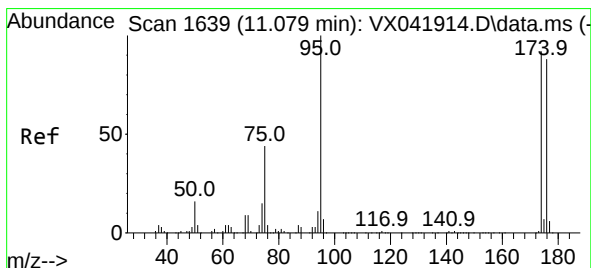
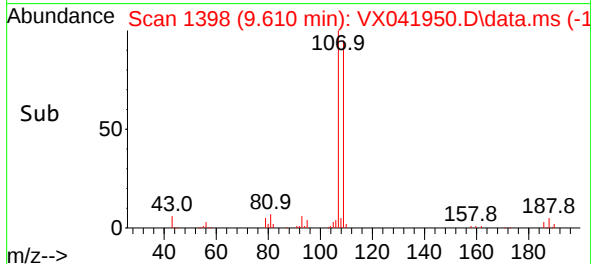
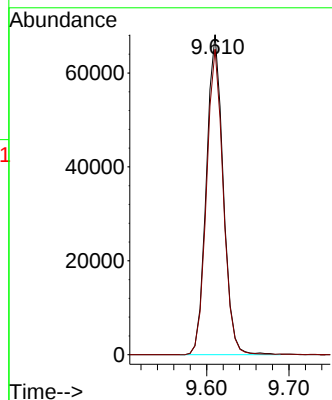
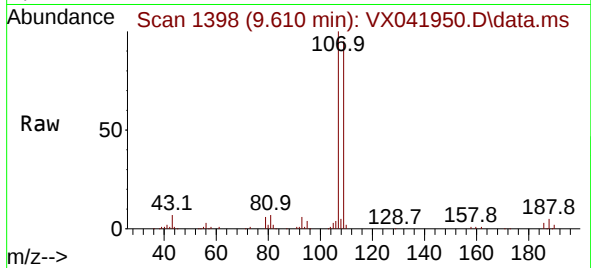
Tgt Ion:107 Resp: 9689
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations

APPROVED

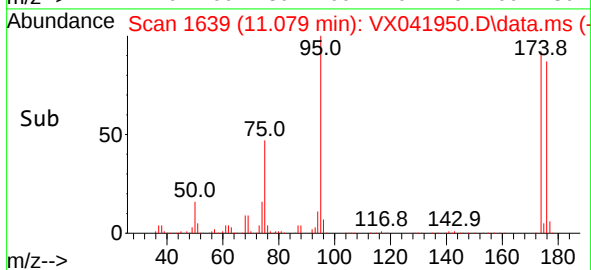
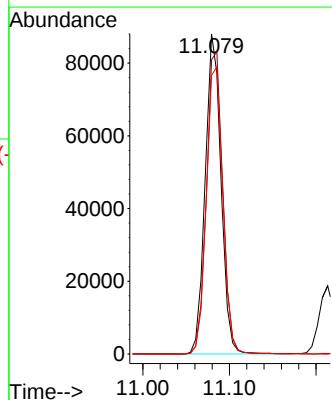
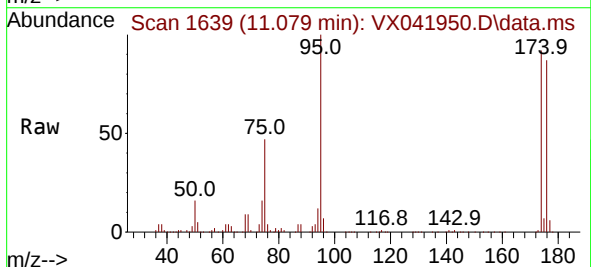
Reviewed By :John Carlone 06/20/2024

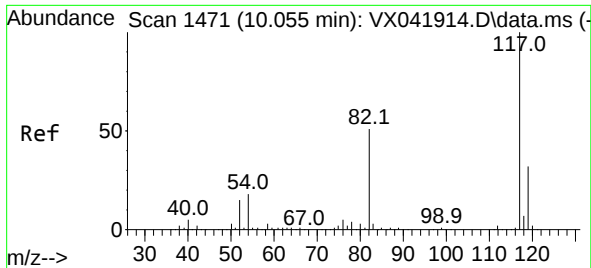
Supervised By :Mahesh Dadoda 06/20/2024



#62
4-Bromofluorobenzene
Concen: 45.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

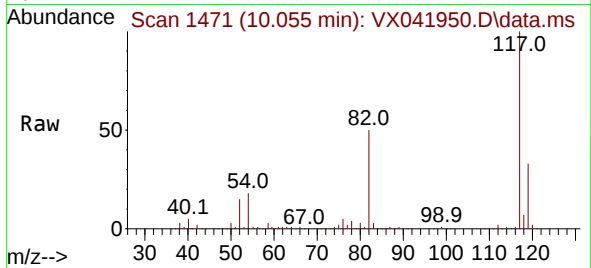
Tgt Ion: 95 Resp: 111346
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 93.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

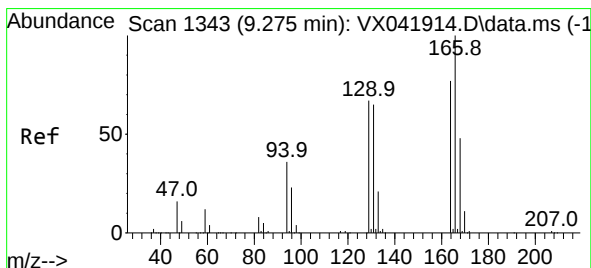
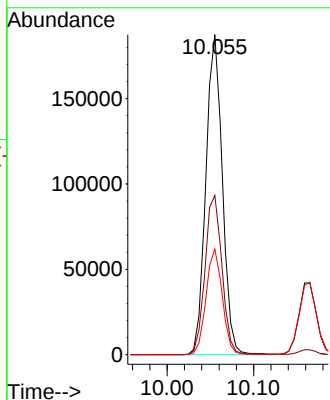
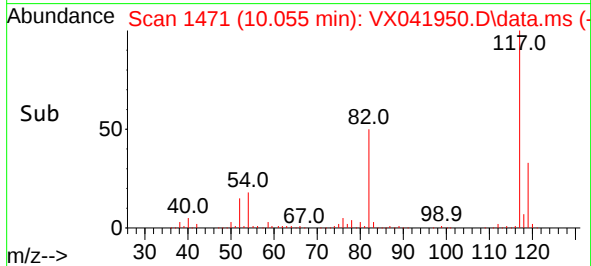
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 248109
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 33.0 25.5 38.3

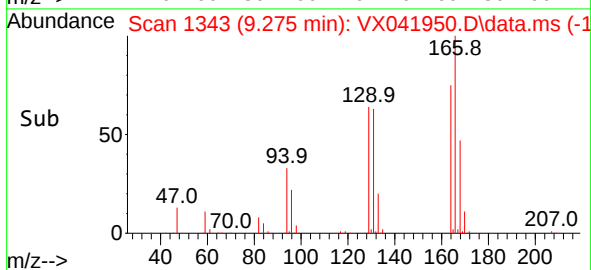
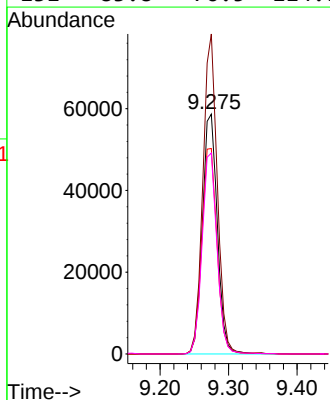
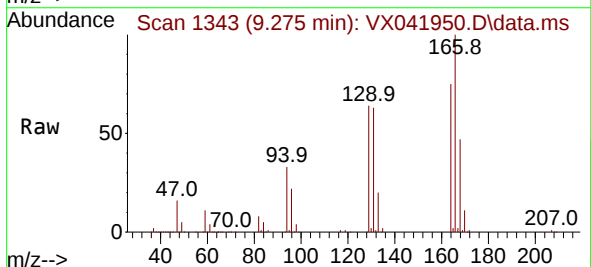
Manual Integrations
APPROVED

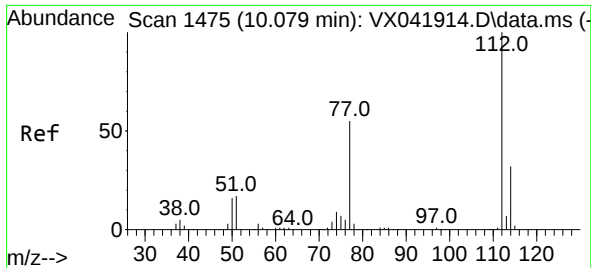
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 49.531 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

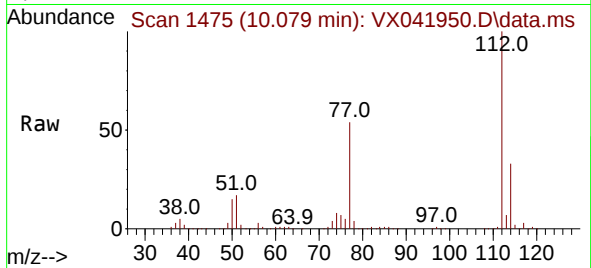
Tgt Ion:164 Resp: 89476
Ion Ratio Lower Upper
164 100
166 133.4 102.7 154.1
129 85.6 80.4 120.6
131 83.8 76.5 114.7





#65
Chlorobenzene
Concen: 50.075 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

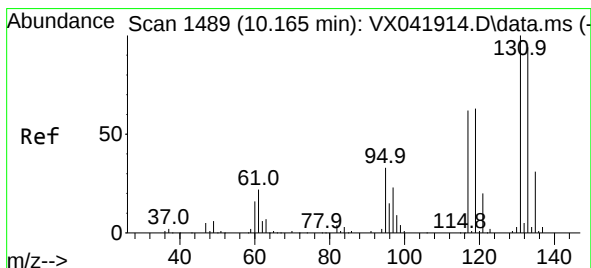
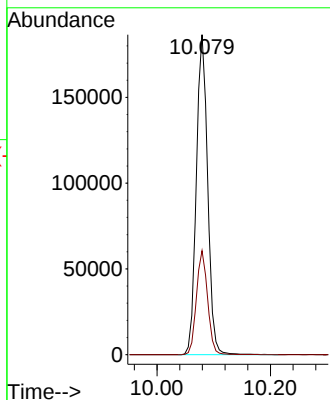
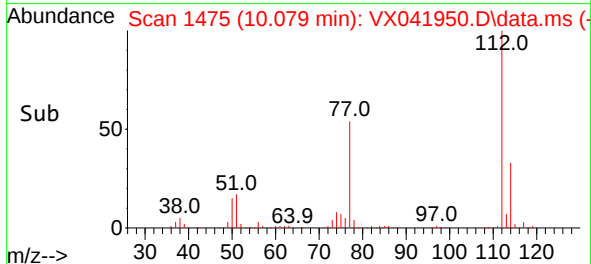
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



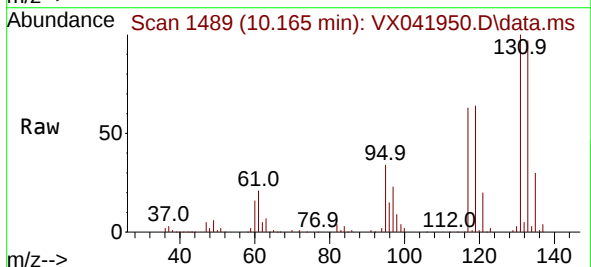
Tgt Ion:112 Resp: 258390
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

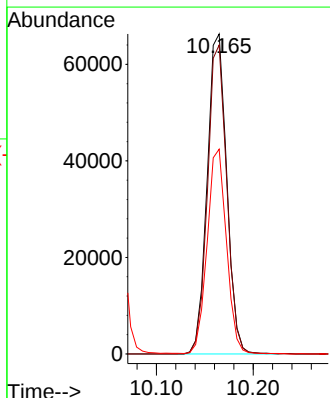
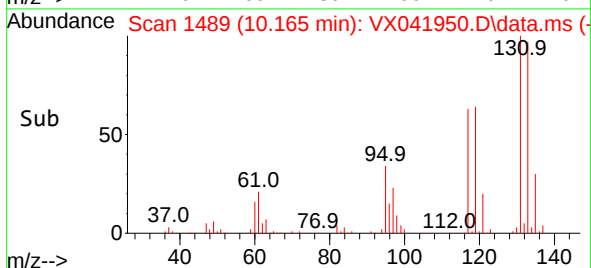
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

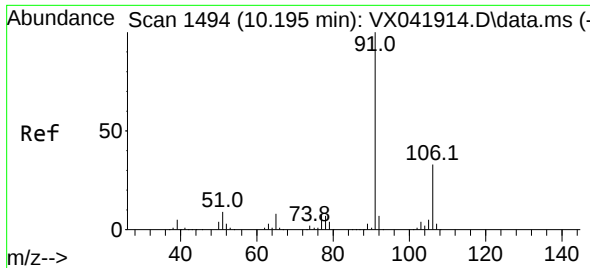


#66
1,1,1,2-Tetrachloroethane
Concen: 51.597 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



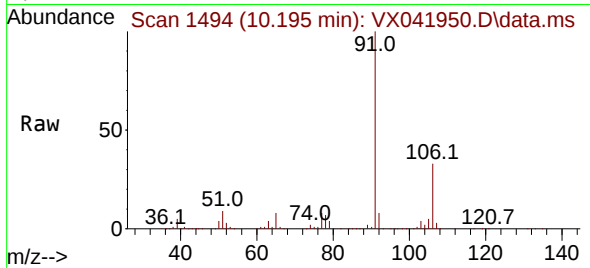
Tgt Ion:131 Resp: 93215
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 63.4 32.2 96.6





#67
Ethyl Benzene
Concen: 51.762 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

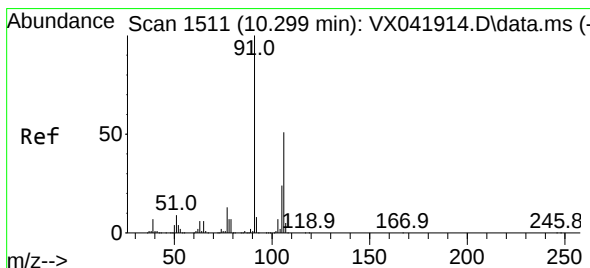
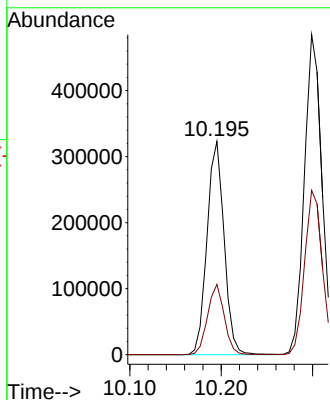
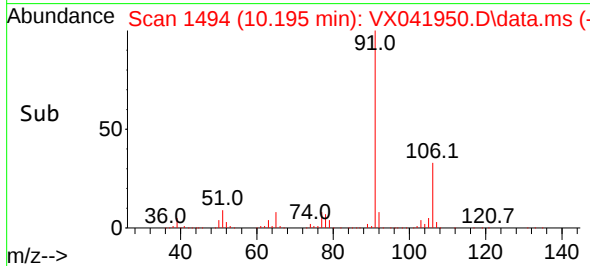
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



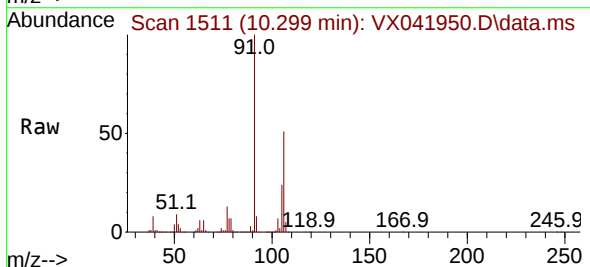
Tgt Ion: 91 Resp: 418578
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

Manual Integrations
APPROVED

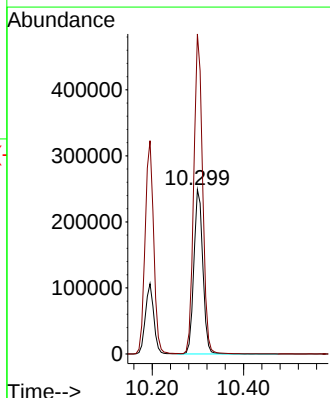
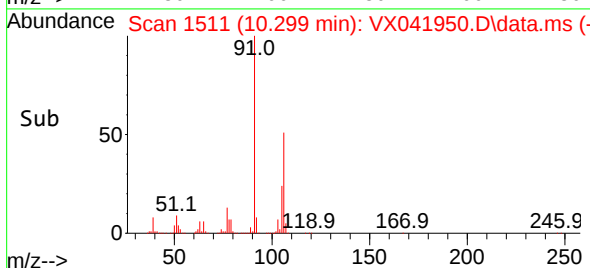
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

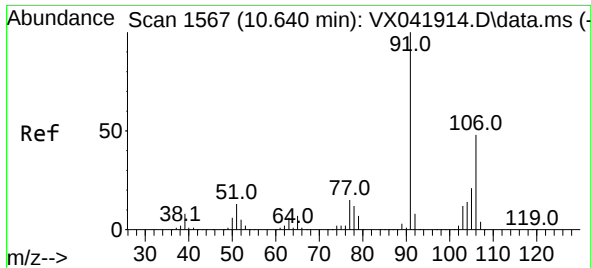


#68
m/p-Xylenes
Concen: 103.745 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



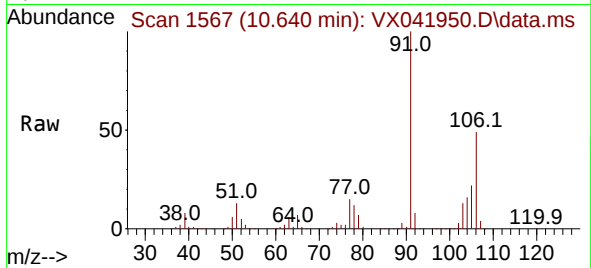
Tgt Ion:106 Resp: 338662
Ion Ratio Lower Upper
106 100
91 192.0 165.5 248.3





#69
o-Xylene
Concen: 51.778 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

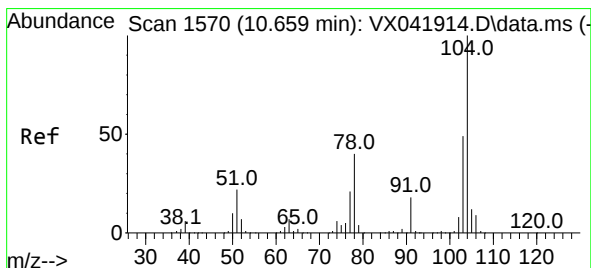
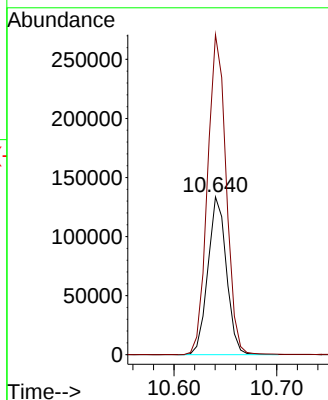
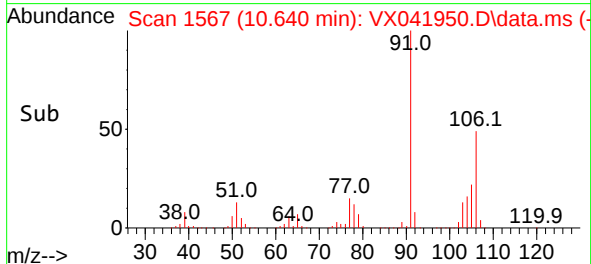
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 167339
Ion Ratio Lower Upper
106 100
91 204.7 108.9 326.8

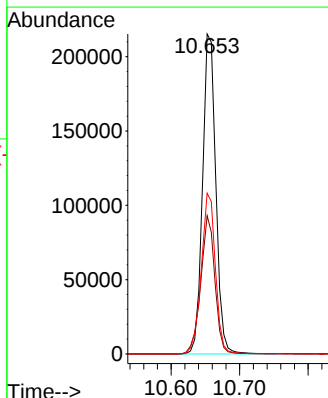
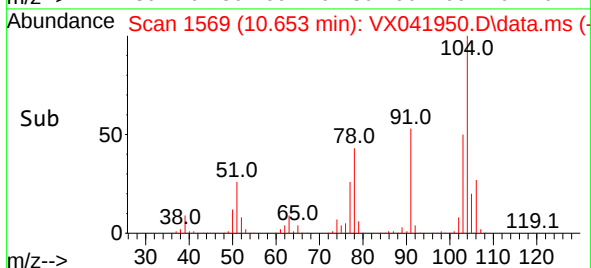
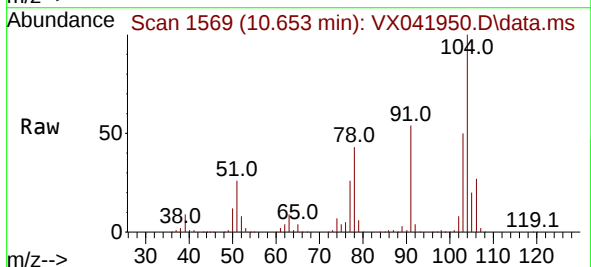
Manual Integrations
APPROVED

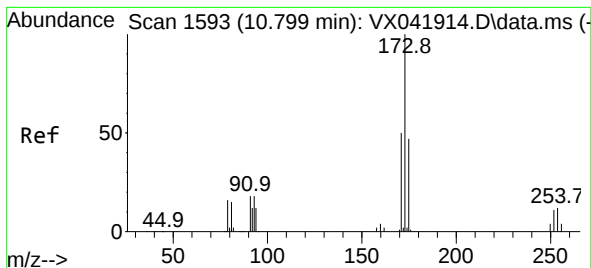
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#70
Styrene
Concen: 53.681 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

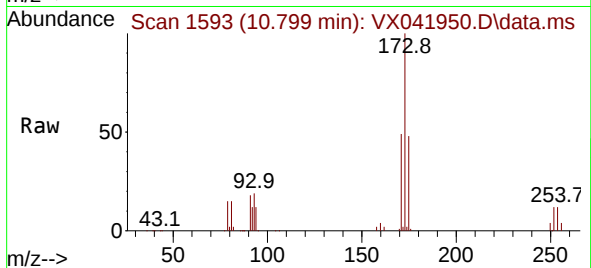
Tgt Ion:104 Resp: 290920
Ion Ratio Lower Upper
104 100
78 45.8 43.6 65.4
103 53.6 43.6 65.4





#71
Bromoform
Concen: 49.182 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

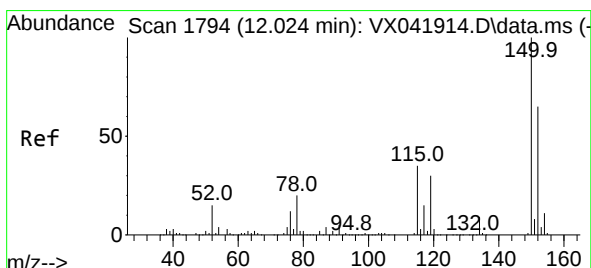
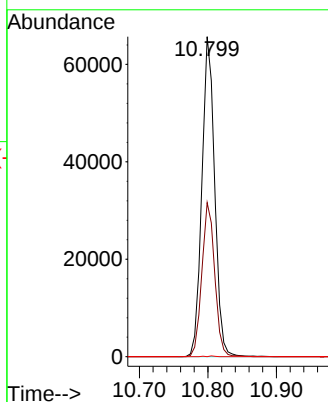
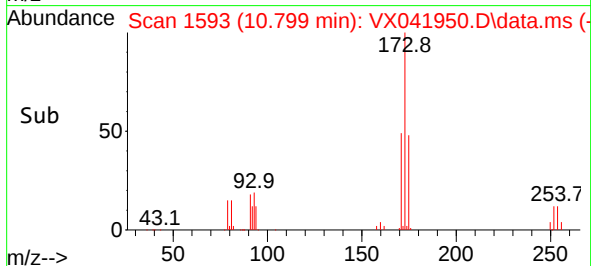
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 8565
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.0 0.0

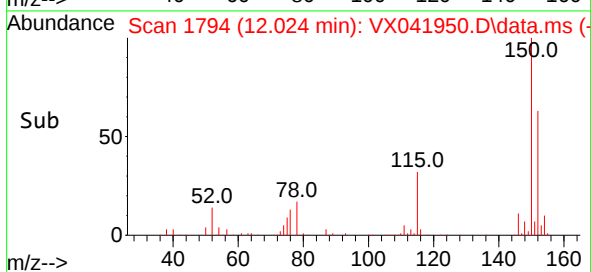
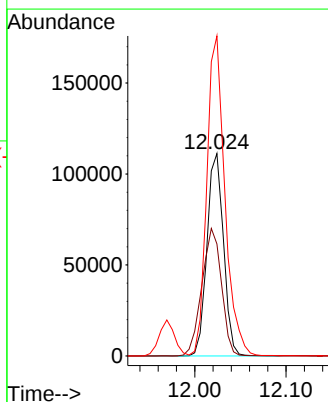
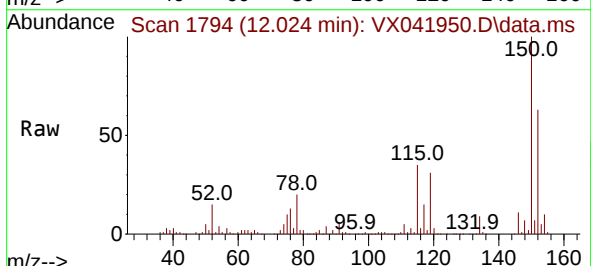
Manual Integrations
APPROVED

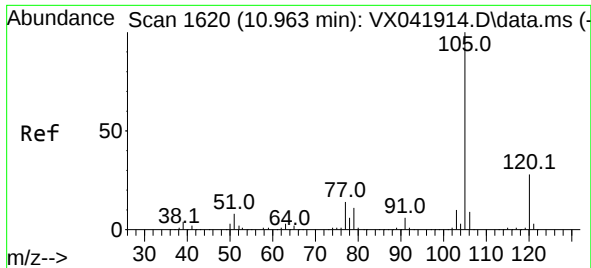
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion:152 Resp: 139516
Ion Ratio Lower Upper
152 100
115 74.9 43.3 129.9
150 172.6 0.0 345.0





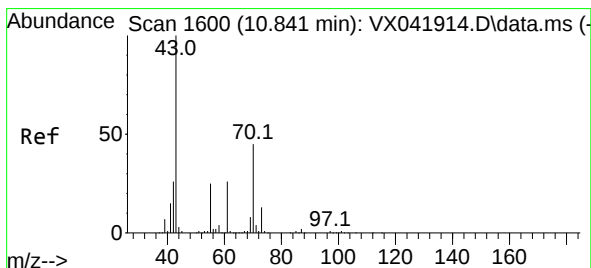
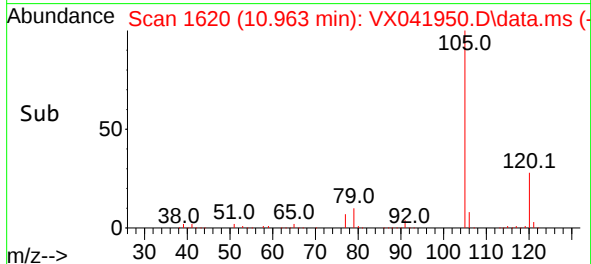
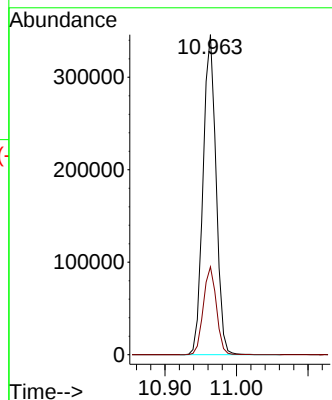
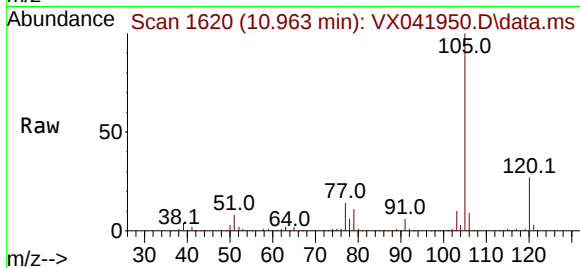
#73
Isopropylbenzene
Concen: 51.422 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 436222
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6

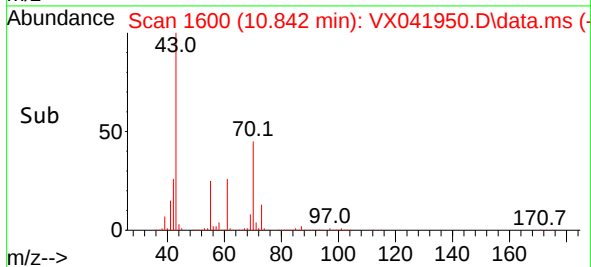
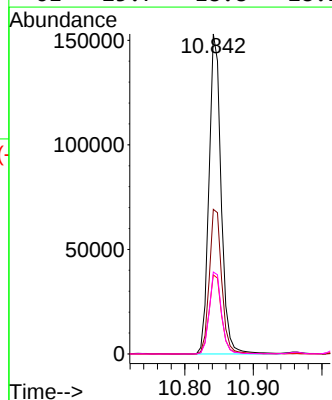
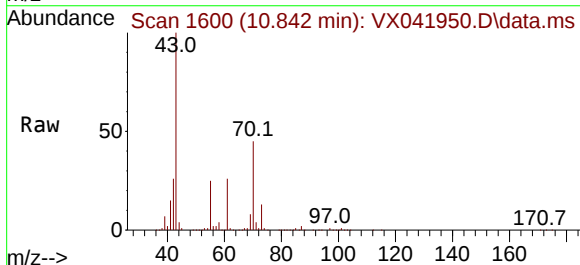
Manual Integrations
APPROVED

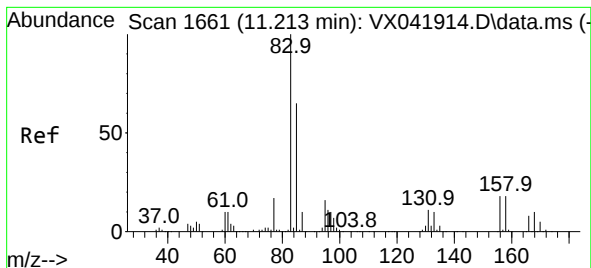
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#74
N-ethyl acetate
Concen: 50.110 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

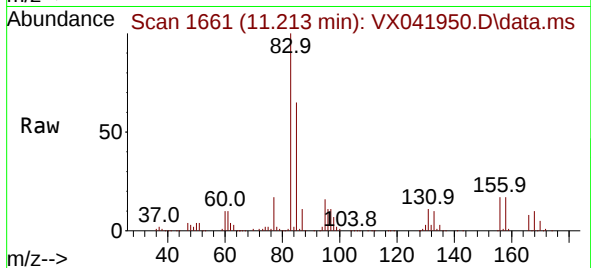
Tgt Ion: 43 Resp: 188822
Ion Ratio Lower Upper
43 100
70 46.5 32.9 49.3
55 25.4 19.3 28.9
61 25.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.761 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

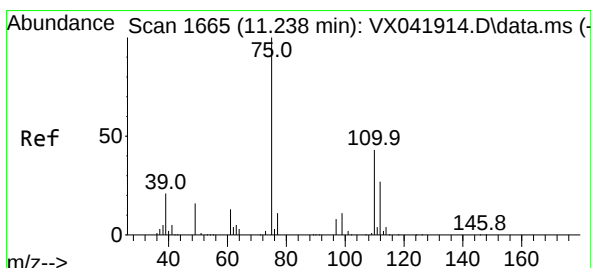
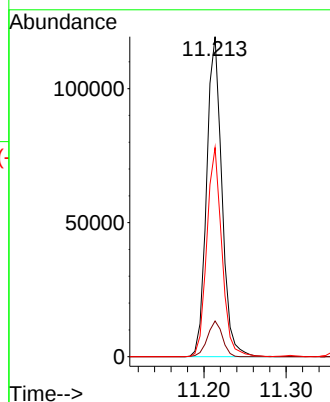
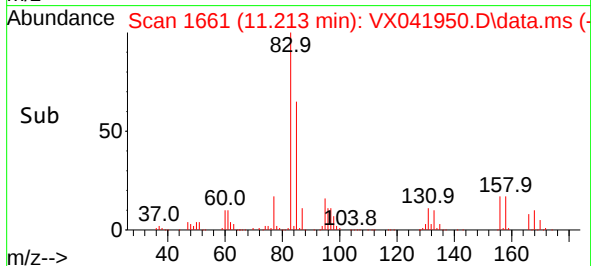
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



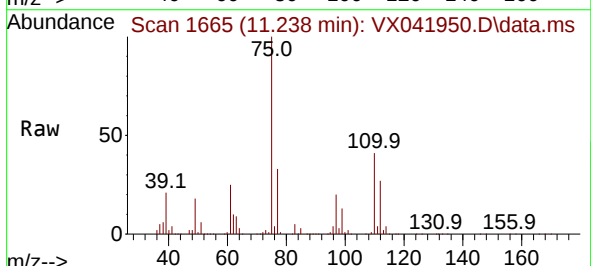
Tgt Ion: 83 Resp: 153804
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
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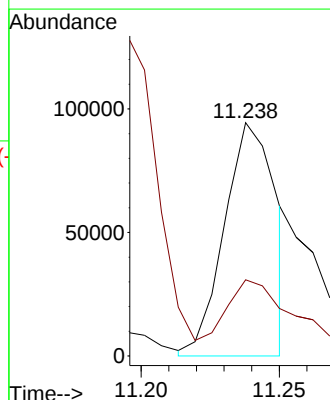
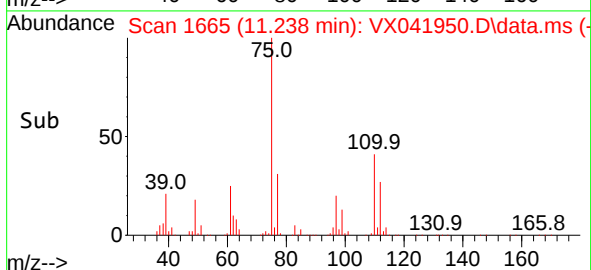
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

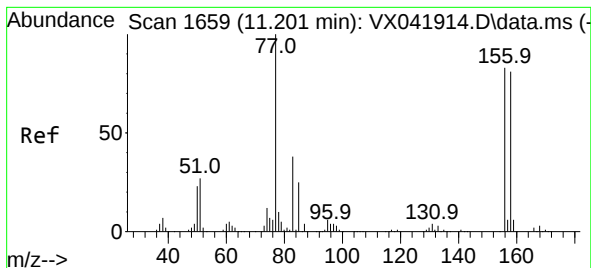


#76
1,2,3-Trichloropropane
Concen: 48.288 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



Tgt Ion: 75 Resp: 122303
Ion Ratio Lower Upper
75 100
77 45.1 19.1 57.5





#77

Bromobenzene

Concen: 49.123 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

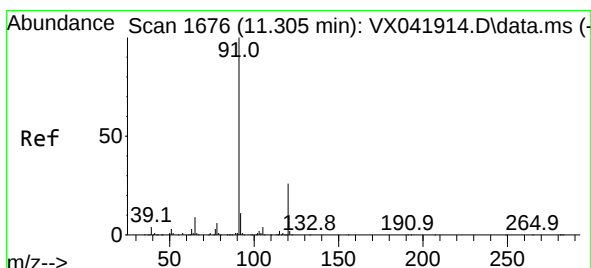
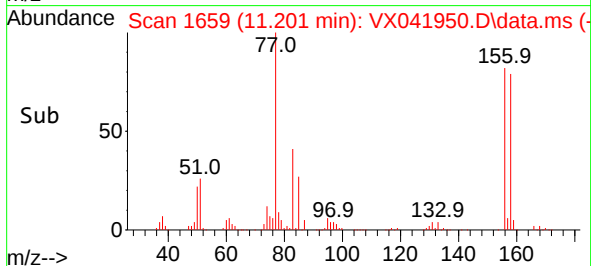
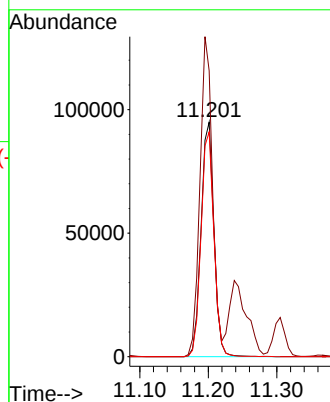
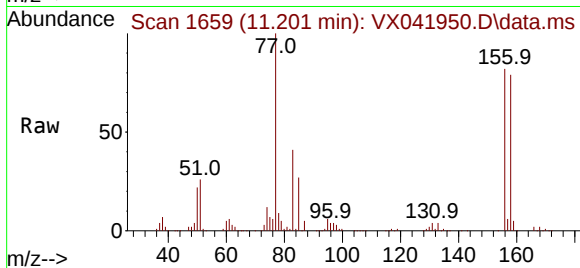
Tgt Ion:	156	Resp:	124109
Ion Ratio	Lower	Upper	
156	100		
77	133.0	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#78

n-propylbenzene

Concen: 52.423 ug/l

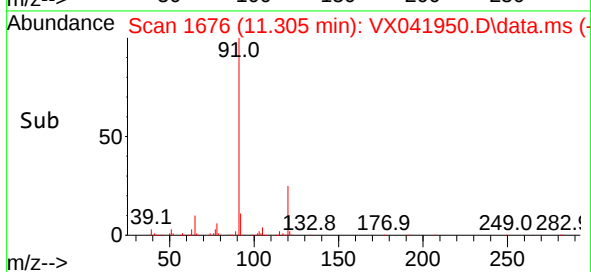
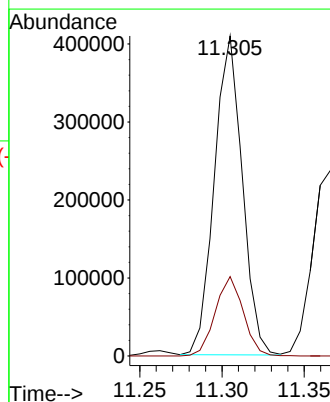
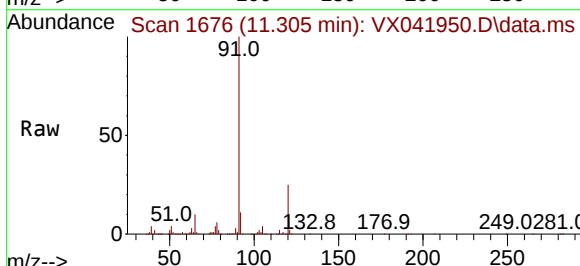
RT: 11.305 min Scan# 1676

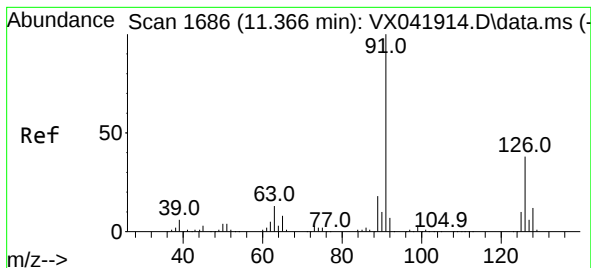
Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

Tgt Ion:	91	Resp:	482520
Ion Ratio	Lower	Upper	
91	100		
120	25.0	11.5	34.4





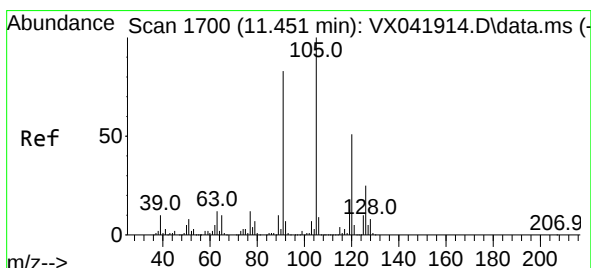
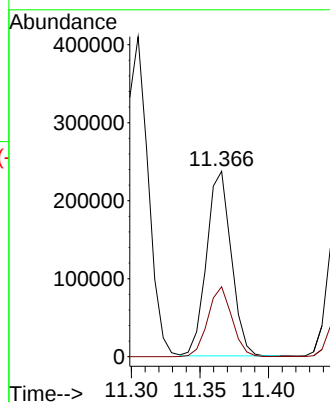
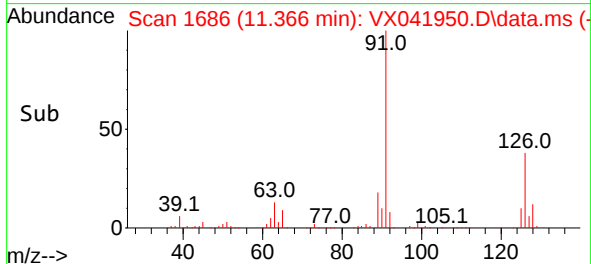
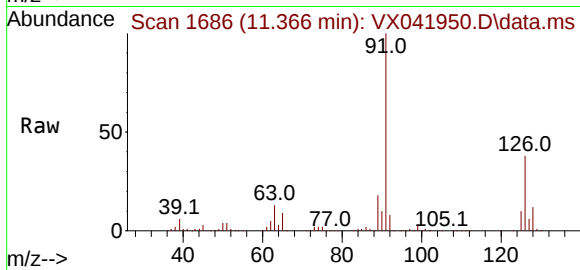
#79
2-Chlorotoluene
Concen: 50.093 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 297068
Ion Ratio Lower Upper
91 100
126 37.1 16.3 48.8

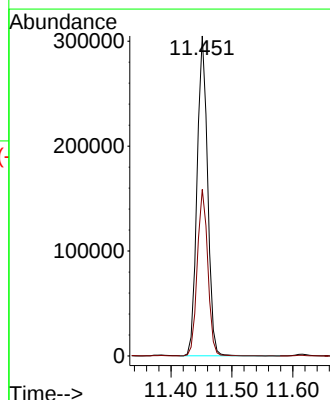
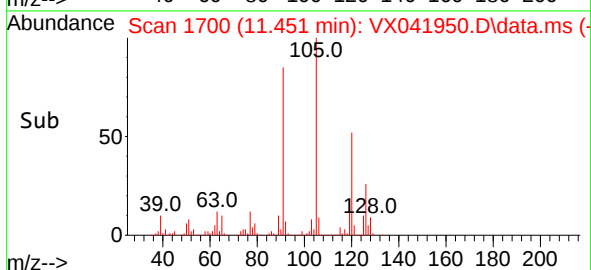
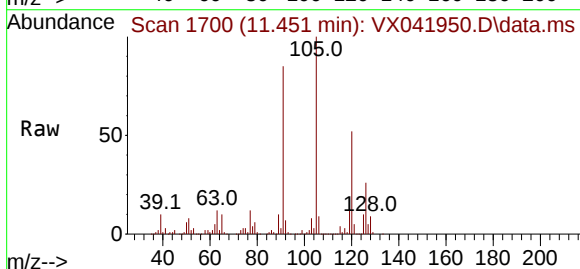
Manual Integrations
APPROVED

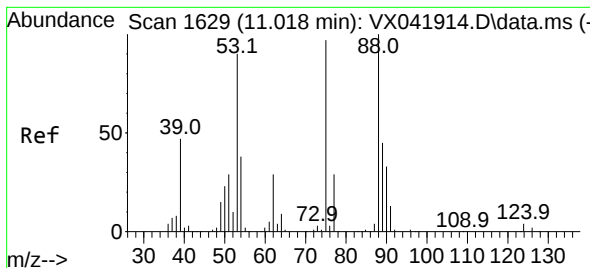
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.630 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

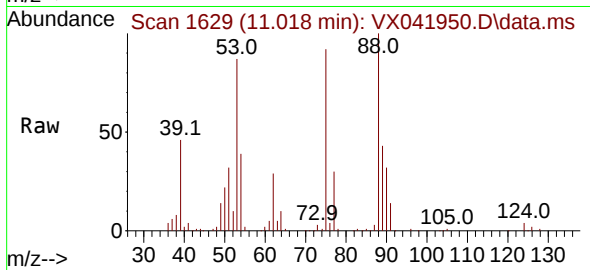
Tgt Ion:105 Resp: 364805
Ion Ratio Lower Upper
105 100
120 52.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.871 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

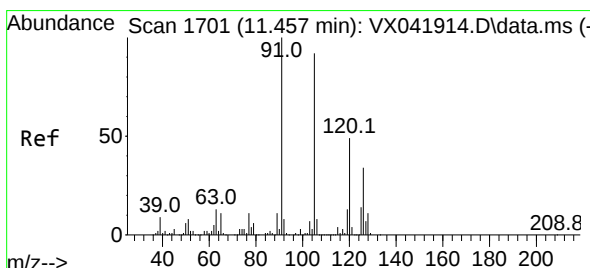
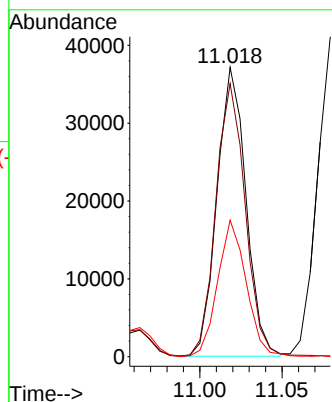
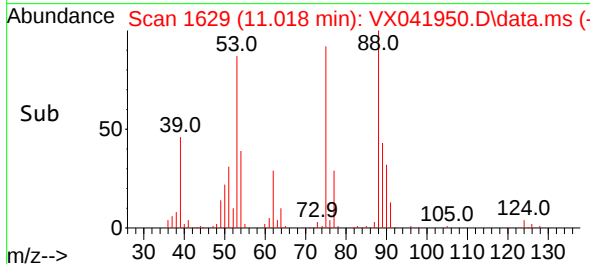
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45369
Ion Ratio Lower Upper
75 100
53 96.8 90.5 135.7
89 47.0 36.9 55.3

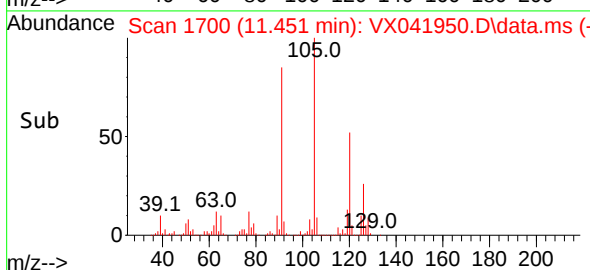
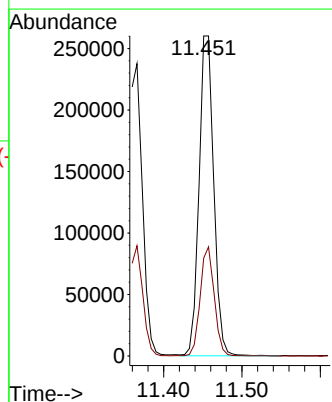
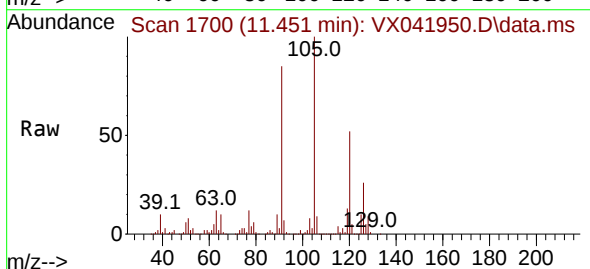
Manual Integrations
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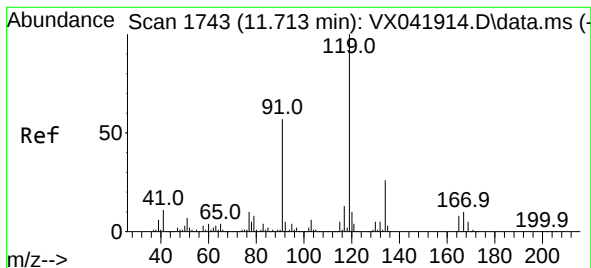
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 51.809 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

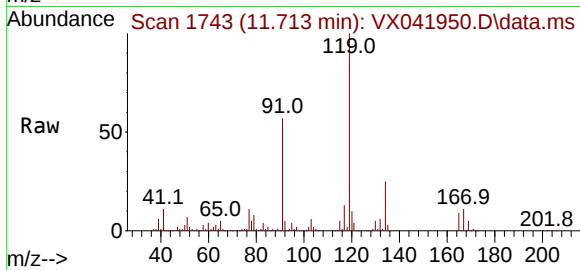
Tgt Ion: 91 Resp: 339645
Ion Ratio Lower Upper
91 100
126 32.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.489 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

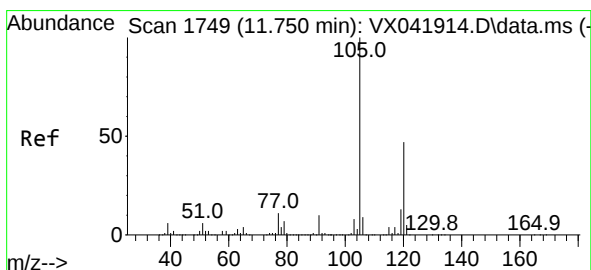
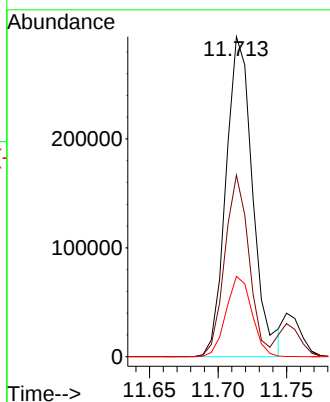
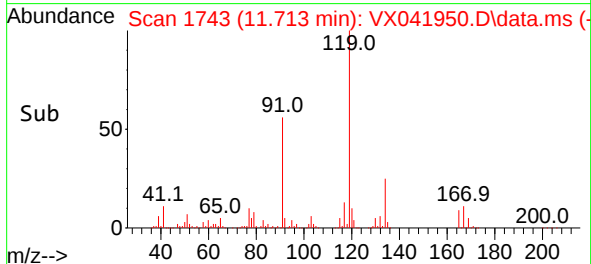
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



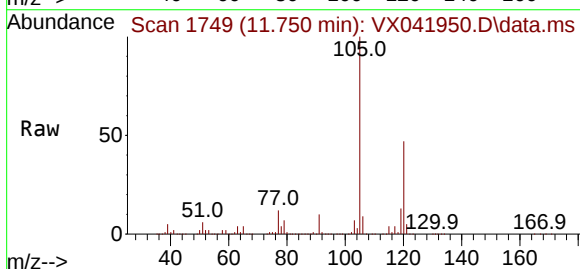
Tgt Ion:119 Resp: 399190
Ion Ratio Lower Upper
119 100
91 51.6 31.2 93.6
134 24.2 11.7 35.0

Manual Integrations
APPROVED

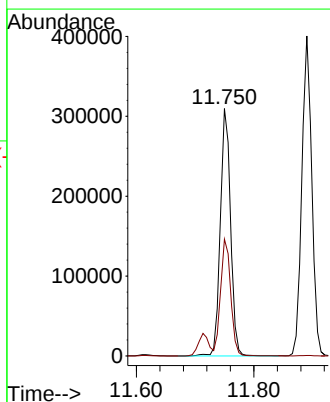
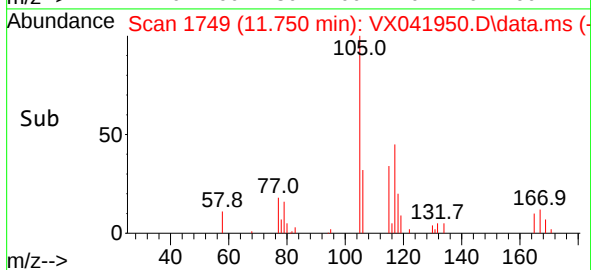
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

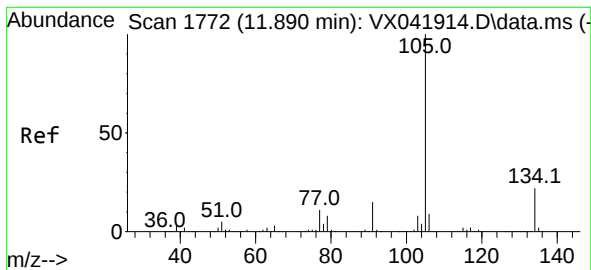


#84
1,2,4-Trimethylbenzene
Concen: 52.797 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



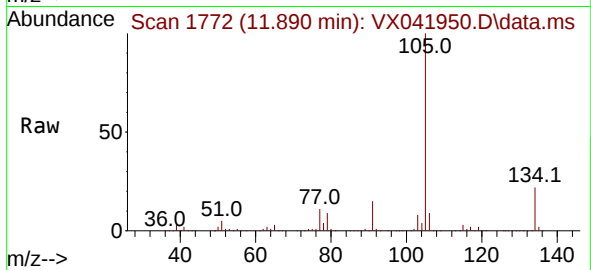
Tgt Ion:105 Resp: 374268
Ion Ratio Lower Upper
105 100
120 46.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.504 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42

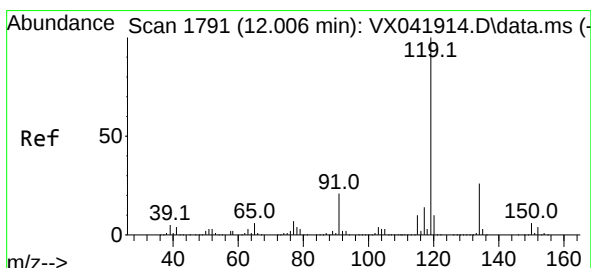
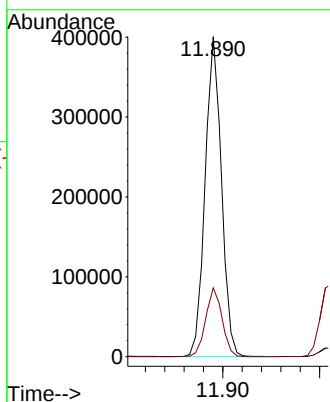
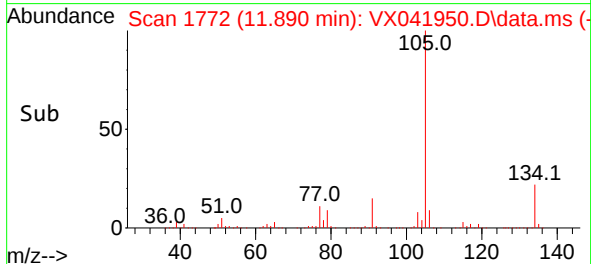
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



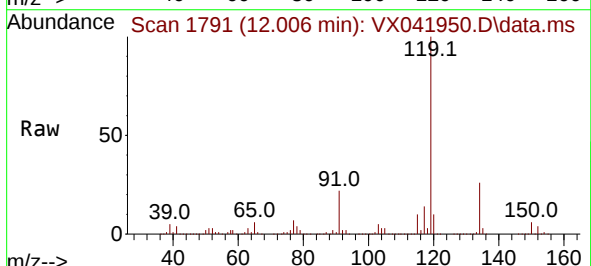
Tgt Ion:105 Resp: 469199
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

Manual Integrations
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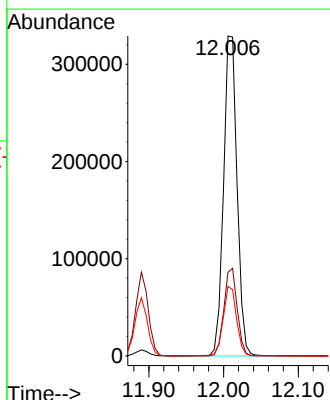
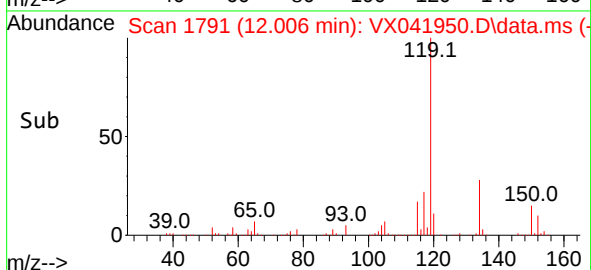
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

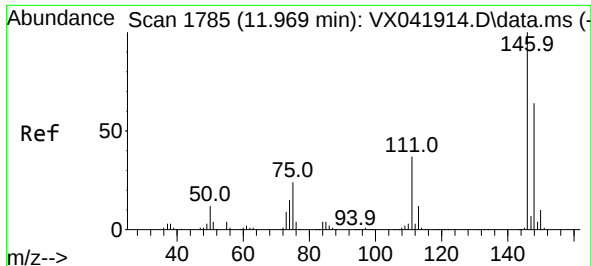


#86
 p-Isopropyltoluene
 Concen: 54.104 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041950.D
 Acq: 19 Jun 2024 16:42



Tgt Ion:119 Resp: 414458
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 21.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.816 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041950.D

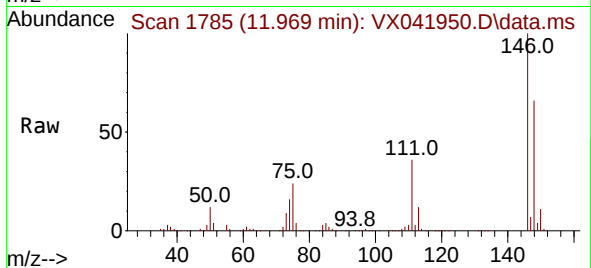
Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 225664

Ion Ratio Lower Upper

146 100

111 36.2 22.1 66.1

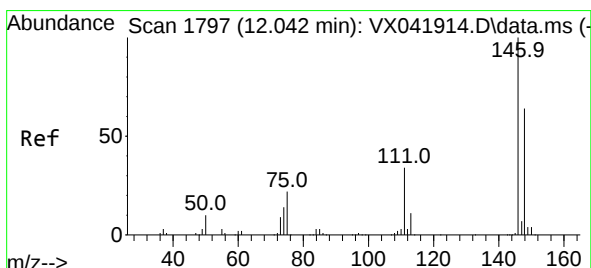
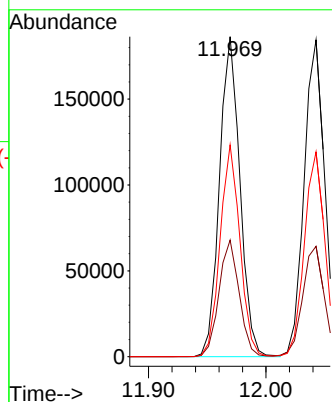
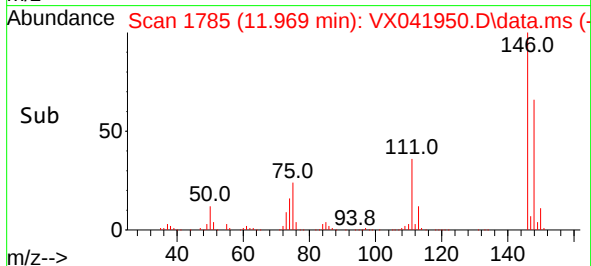
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#88

1,4-Dichlorobenzene

Concen: 49.619 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

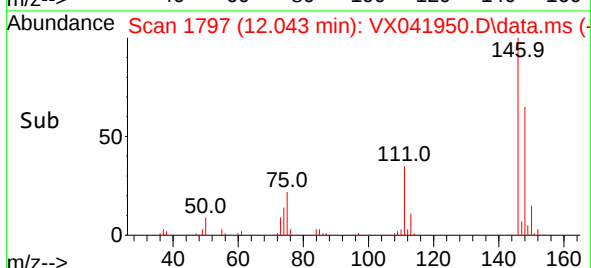
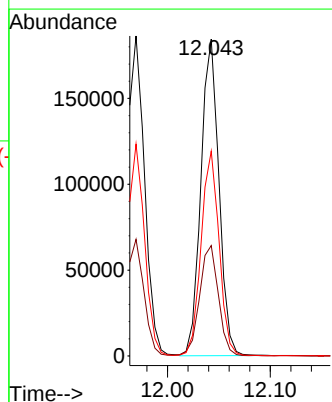
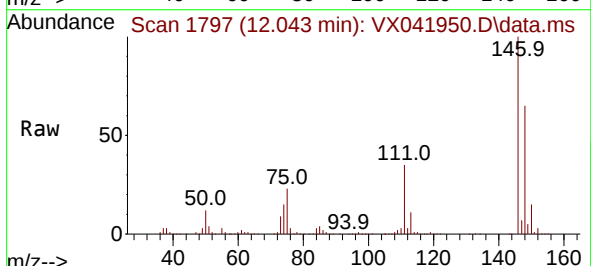
Tgt Ion:146 Resp: 225560

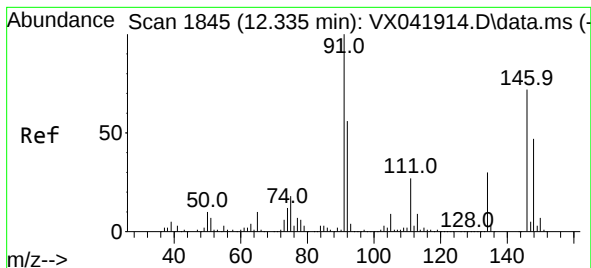
Ion Ratio Lower Upper

146 100

111 36.4 21.3 63.7

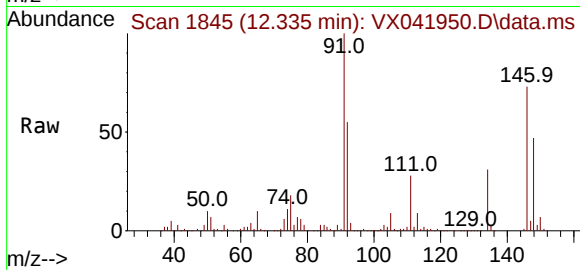
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 55.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

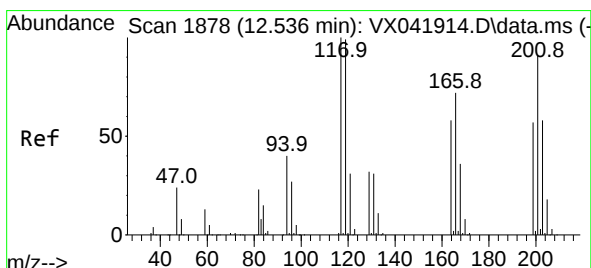
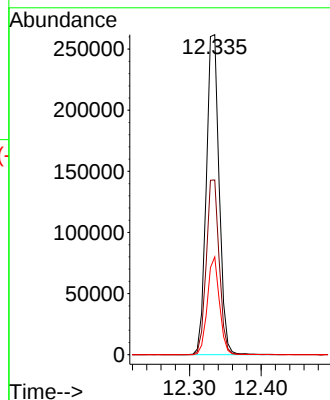
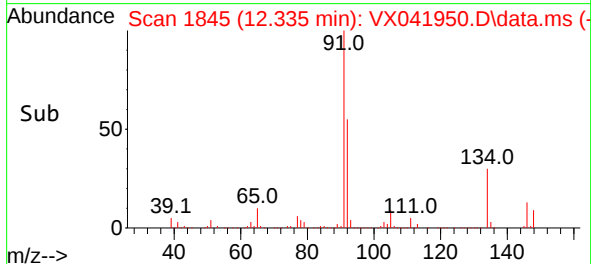
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 32740
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 28.8 12.6 37.8

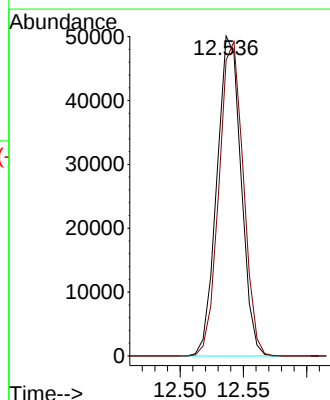
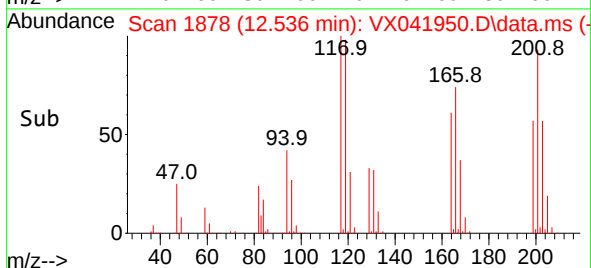
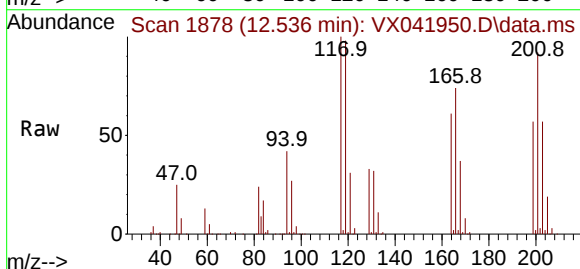
Manual Integrations
APPROVED

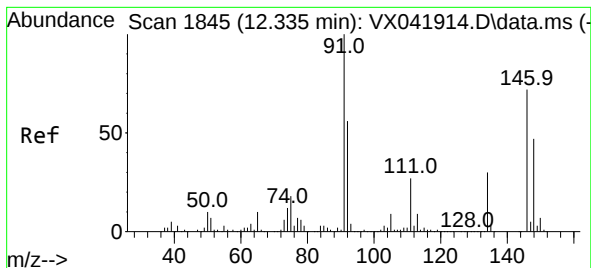
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#90
Hexachloroethane
Concen: 50.920 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion:117 Resp: 66409
Ion Ratio Lower Upper
117 100
201 98.6 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 50.269 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041950.D

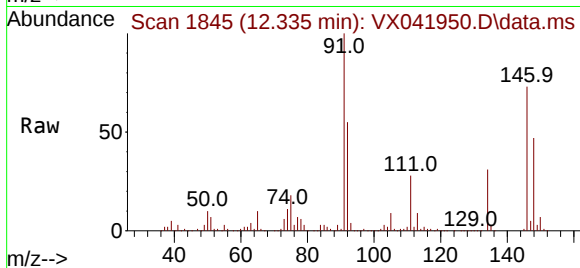
Acq: 19 Jun 2024 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 228429

Ion Ratio Lower Upper

146 100

111 38.1 22.4 67.0

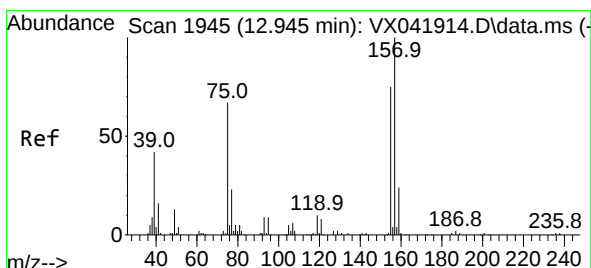
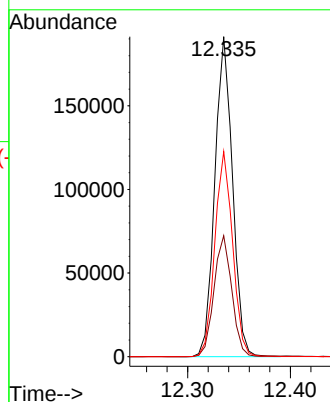
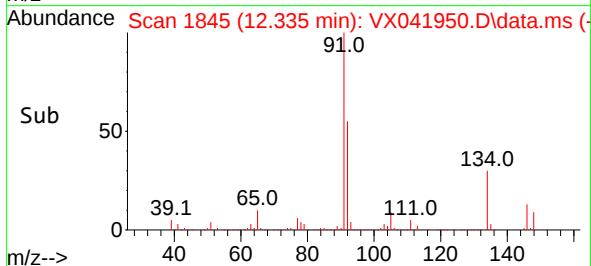
148 64.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.687 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041950.D

Acq: 19 Jun 2024 16:42

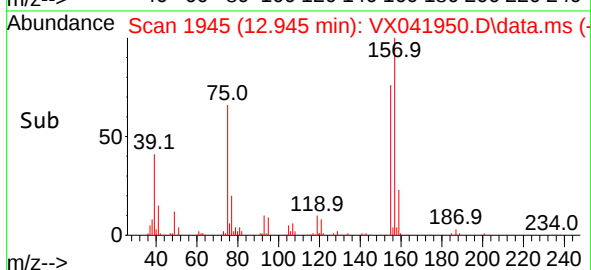
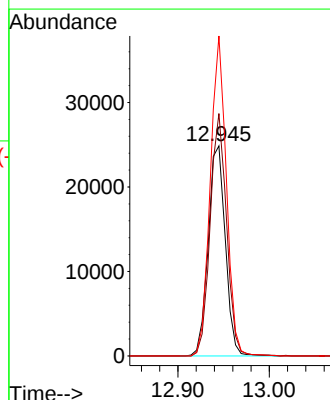
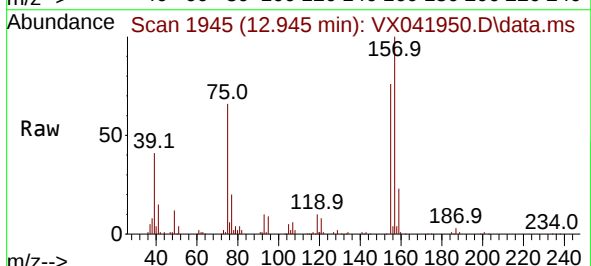
Tgt Ion: 75 Resp: 32309

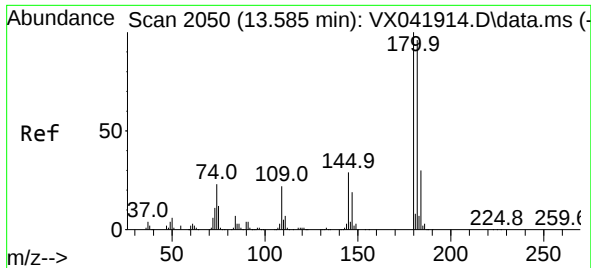
Ion Ratio Lower Upper

75 100

155 110.7 36.1 108.5#

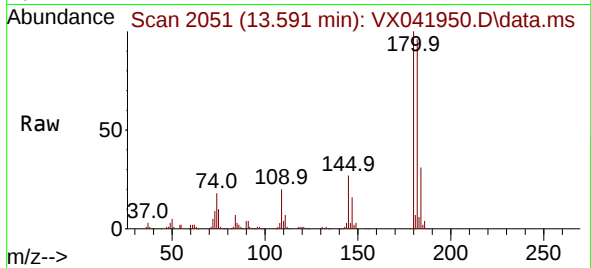
157 142.7 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 52.887 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

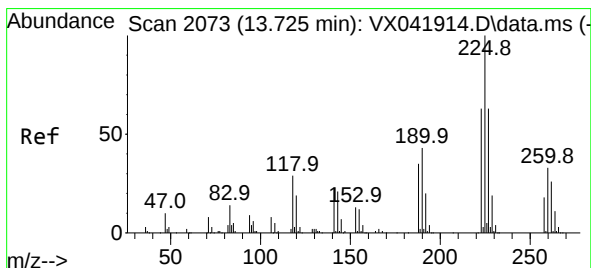
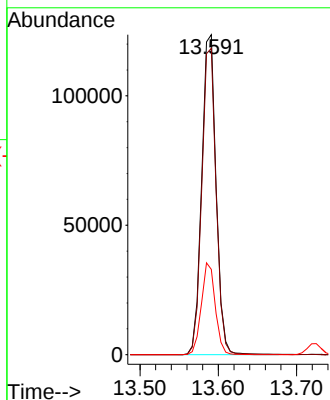
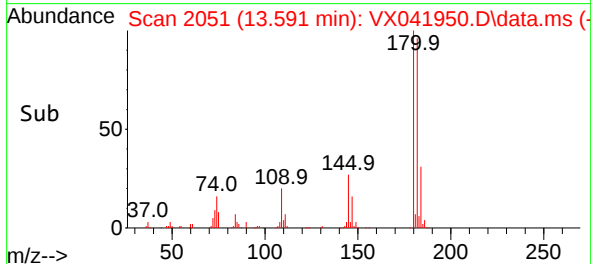
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



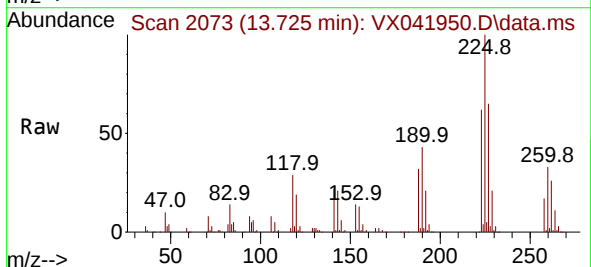
Tgt Ion:180 Resp: 157434
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.8
145 27.8 18.0 54.0

Manual Integrations
APPROVED

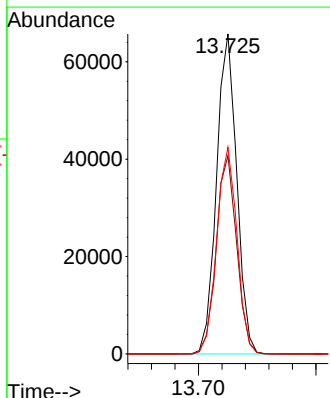
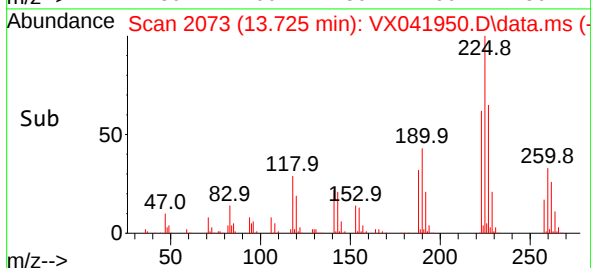
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

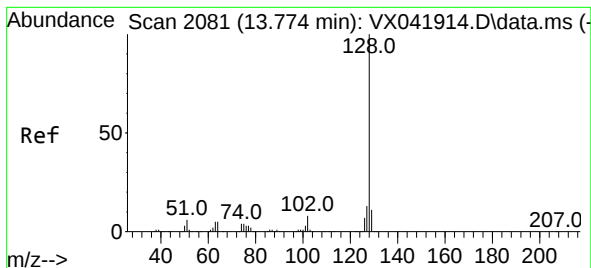


#94
Hexachlorobutadiene
Concen: 52.164 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42



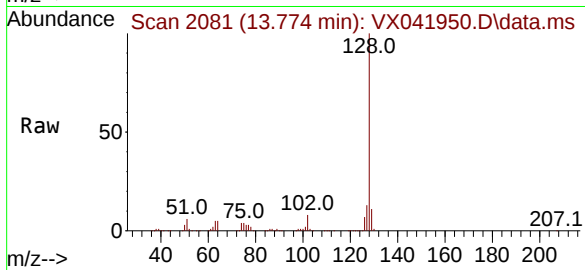
Tgt Ion:225 Resp: 78521
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 65.0 32.5 97.5





#95
Naphthalene
Concen: 48.422 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

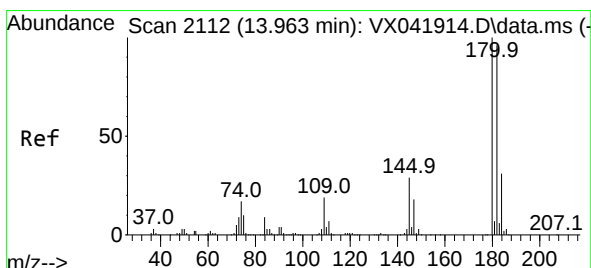
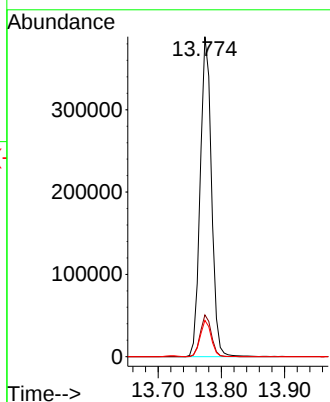
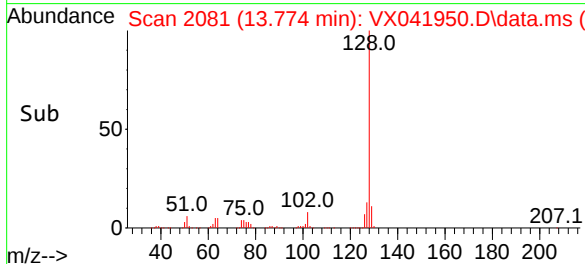
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 48411
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.196 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041950.D
Acq: 19 Jun 2024 16:42

Tgt Ion:180 Resp: 163870
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 29.5 17.8 53.5

