

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041503.D
 Acq On : 13 May 2024 19:17
 Operator : JC/MD
 Sample : P2445-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-01B-83-050924MSD

Quant Time: May 14 01:38:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	226181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91509	54.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.460%			
35) Dibromofluoromethane	5.385	113	76452	49.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.647	98	260120	53.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.240%			
62) 4-Bromofluorobenzene	11.079	95	99705	53.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	62721	49.241	ug/l	100
3) Chloromethane	1.295	50	65947	50.033	ug/l	98
4) Vinyl Chloride	1.374	62	69078	54.977	ug/l	100
5) Bromomethane	1.599	94	50241	63.782	ug/l	98
6) Chloroethane	1.666	64	38431	65.874	ug/l	97
7) Trichlorofluoromethane	1.868	101	123501	57.000	ug/l	99
8) Diethyl Ether	2.136	74	46686	61.133	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	71208	58.475	ug/l	88
10) Methyl Iodide	2.447	142	87256	66.576	ug/l	90
11) Tert butyl alcohol	3.014	59	125493	371.534	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	73493	61.180	ug/l	90
13) Acrolein	2.240	56	113720	424.392	ug/l	98
14) Allyl chloride	2.660	41	132580	65.693	ug/l	98
15) Acrylonitrile	3.069	53	258153	334.875	ug/l	99
16) Acetone	2.392	43	224570	303.019	ug/l	97
17) Carbon Disulfide	2.502	76	141819	50.223	ug/l	98
18) Methyl Acetate	2.709	43	117627	68.128	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	269629	61.573	ug/l	97
20) Methylene Chloride	2.788	84	84584	57.735	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	75869	56.515	ug/l	90
22) Diisopropyl ether	3.764	45	264780	61.905	ug/l	91
23) Vinyl Acetate	3.721	43	1196853	312.814	ug/l	97
24) 1,1-Dichloroethane	3.605	63	147423	61.009	ug/l	98
25) 2-Butanone	4.562	43	379251	347.225	ug/l	97
26) 2,2-Dichloropropane	4.471	77	112014	55.443	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	97594	61.400	ug/l	90
28) Bromochloromethane	4.898	49	44614	51.733	ug/l	# 83
29) Tetrahydrofuran	5.013	42	239462	335.231	ug/l	96
30) Chloroform	5.093	83	151976	60.453	ug/l	97
31) Cyclohexane	5.465	56	108870	53.453	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	136914	59.861	ug/l	98
36) 1,1-Dichloropropene	5.690	75	97914	53.423	ug/l	96
37) Ethyl Acetate	4.721	43	137428	60.094	ug/l	100
38) Carbon Tetrachloride	5.672	117	118164	56.278	ug/l	97
39) Methylcyclohexane	7.379	83	109275	50.750	ug/l	94
40) Benzene	6.032	78	321577	56.916	ug/l	99

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Manual Integrations
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Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	75934	64.514	ug/l	96
42) 1,2-Dichloroethane	6.086	62	122178	59.004	ug/l	97
43) Isopropyl Acetate	6.342	43	209439	60.912	ug/l	99
44) Trichloroethene	7.123	130	87559	58.687	ug/l	92
45) 1,2-Dichloropropane	7.428	63	79125	62.679	ug/l	99
46) Dibromomethane	7.580	93	60487	60.189	ug/l #	79
47) Bromodichloromethane	7.818	83	114965	64.197	ug/l	97
48) Methyl methacrylate	7.696	41	104664	66.402	ug/l	95
49) 1,4-Dioxane	7.665	88	54010	1584.883	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	742558	359.900	ug/l	100
52) Toluene	8.714	92	205807	59.545	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	114855	54.919	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	122629	62.287	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	86716	65.149	ug/l	97
56) Ethyl methacrylate	9.116	69	139238	67.592	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141191	63.558	ug/l	99
59) 2-Hexanone	9.433	43	583716	353.803	ug/l	98
60) Dibromochloromethane	9.519	129	99918	63.765	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86724	59.223	ug/l	100
64) Tetrachloroethene	9.275	164	80462	54.273	ug/l	89
65) Chlorobenzene	10.080	112	242433	58.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87967	59.902	ug/l	98
67) Ethyl Benzene	10.195	91	396454	57.817	ug/l	98
68) m/p-Xylenes	10.299	106	313446	114.150	ug/l	92
69) o-Xylene	10.640	106	156617	59.569	ug/l	94
70) Styrene	10.653	104	263950	61.181	ug/l	95
71) Bromoform	10.799	173	80553	61.293	ug/l #	100
73) Isopropylbenzene	10.964	105	400297	57.623	ug/l	97
74) N-amyl acetate	10.842	43	180920	59.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	143926	63.227	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118443m	63.862	ug/l	
77) Bromobenzene	11.195	156	117150	59.750	ug/l	80
78) n-propylbenzene	11.305	91	439799	60.277	ug/l	97
79) 2-Chlorotoluene	11.366	91	274683	58.420	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	326387	57.634	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	41794	61.381	ug/l	97
82) 4-Chlorotoluene	11.451	91	316589	59.310	ug/l	93
83) tert-Butylbenzene	11.713	119	362977	59.854	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	334727	58.743	ug/l	93
85) sec-Butylbenzene	11.890	105	416288	59.900	ug/l	96
86) p-Isopropyltoluene	12.006	119	363665	58.265	ug/l	95
87) 1,3-Dichlorobenzene	11.970	146	208031	58.373	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	203478	55.418	ug/l	96
89) n-Butylbenzene	12.329	91	257166	51.239	ug/l	97
90) Hexachloroethane	12.536	117	57472	55.060	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	194398	51.643	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30706	58.375	ug/l #	58
93) 1,2,4-Trichlorobenzene	13.585	180	140493	53.395	ug/l	95
94) Hexachlorobutadiene	13.725	225	65230	49.644	ug/l	99
95) Naphthalene	13.774	128	459991	58.993	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	145528	54.117	ug/l	95

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RMW-01B-83-050924MSD

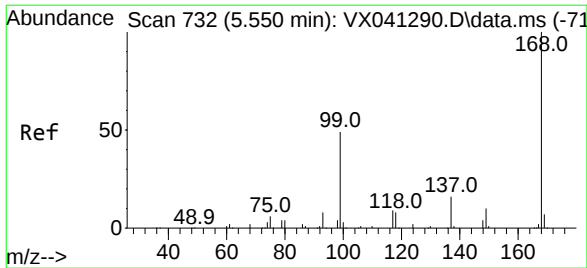
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
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Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

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



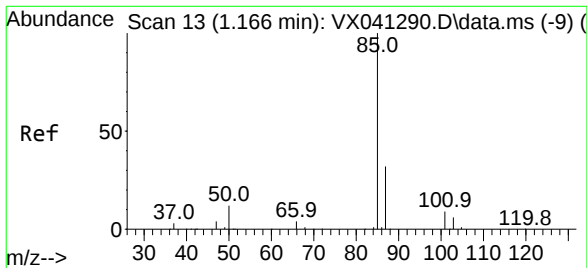
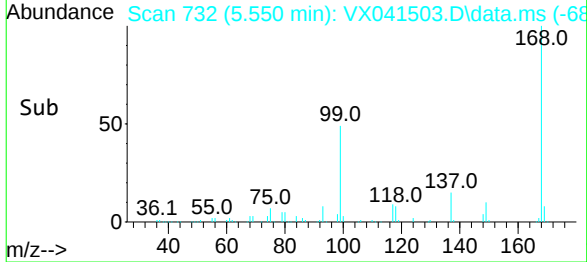
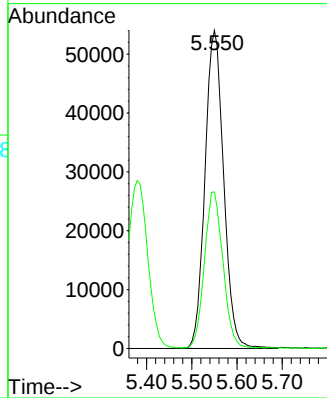
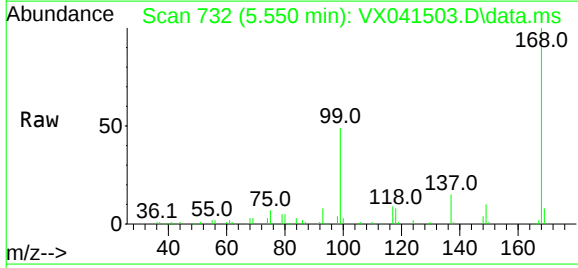
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041503.D
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Instrument : MSVOA_X
ClientSampleId : RMW-01B-83-050924MSD

Tgt Ion: 168 Resp: 155016
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0

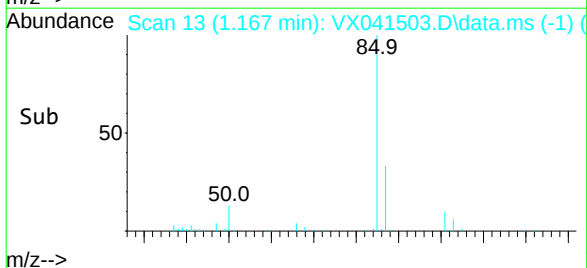
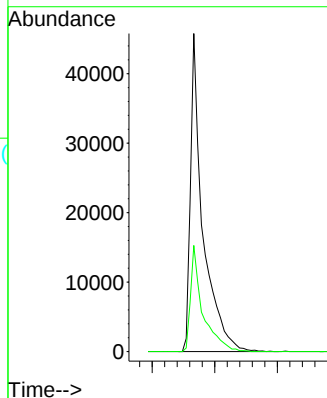
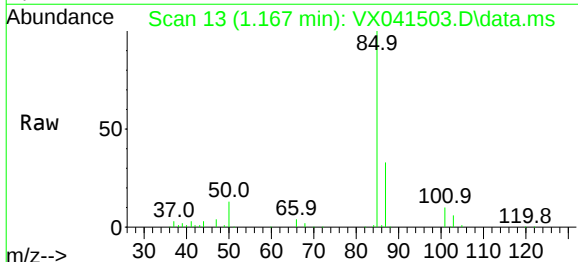
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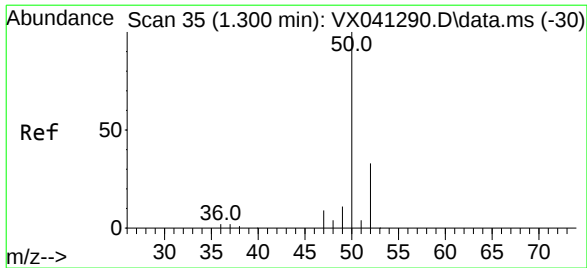
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024



#2
Dichlorodifluoromethane
Concen: 49.241 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

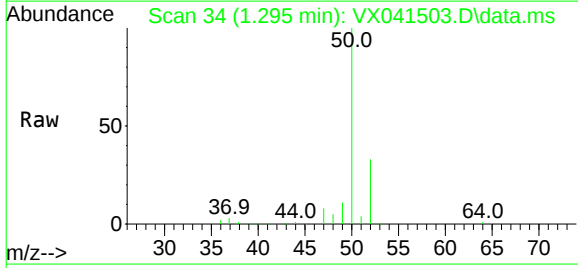
Tgt Ion: 85 Resp: 62721
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3
Chloromethane
Concen: 50.033 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

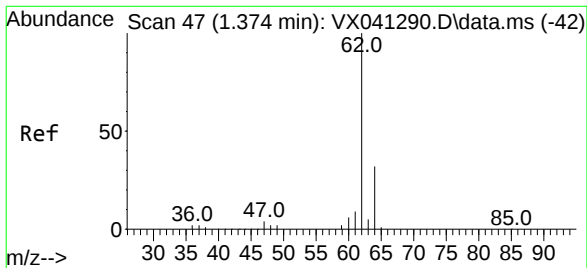
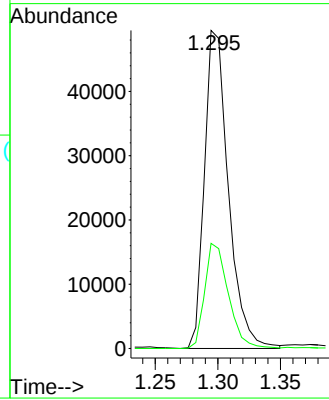
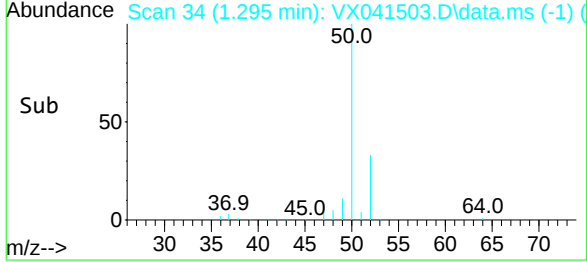
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion: 50 Resp: 65947
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

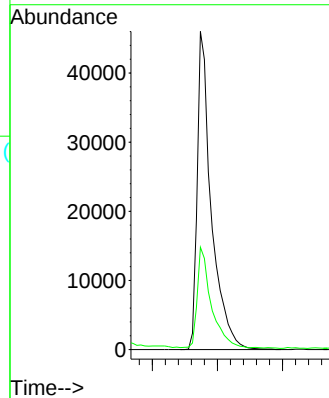
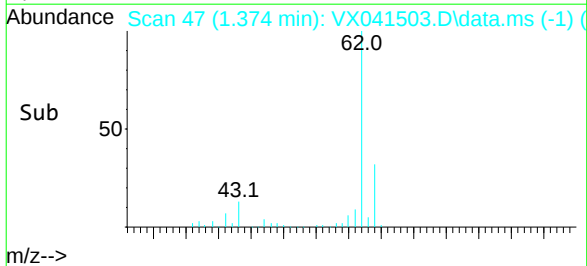
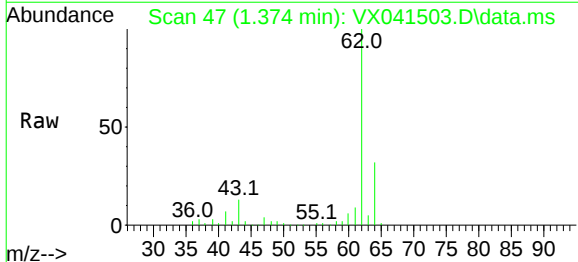
Manual Integrations
APPROVED

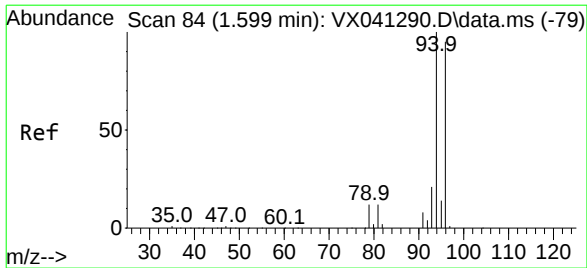
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#4
Vinyl Chloride
Concen: 54.977 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 62 Resp: 69078
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5

Bromomethane

Concen: 63.782 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 94 Resp: 50241

Ion Ratio Lower Upper

94 100

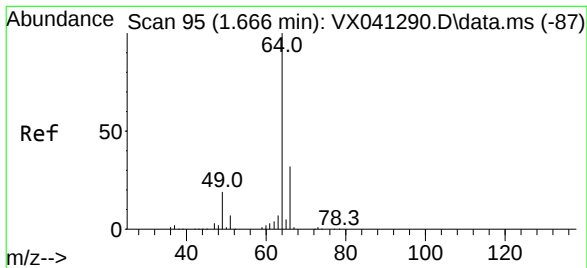
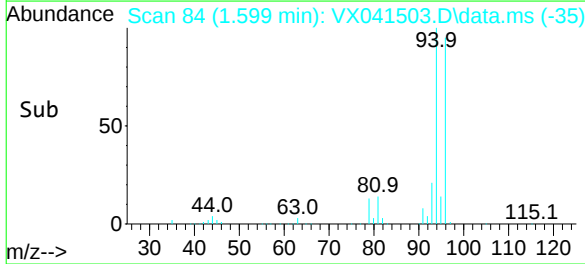
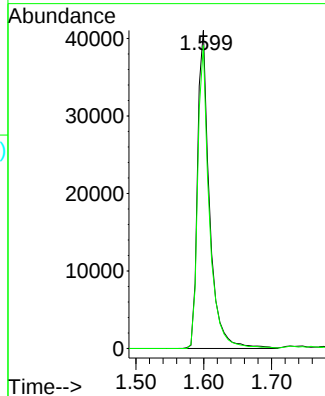
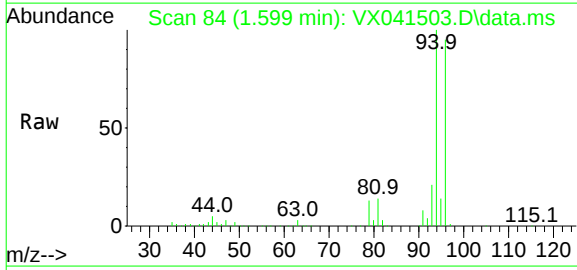
96 95.3 74.6 111.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/14/2024



#6

Chloroethane

Concen: 65.874 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041503.D

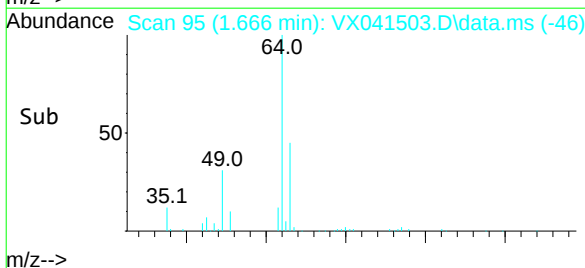
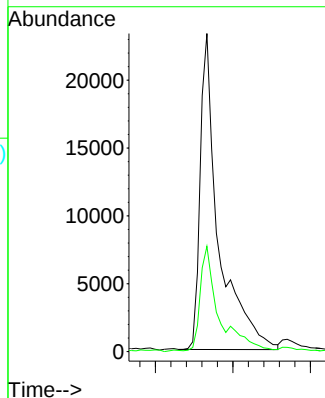
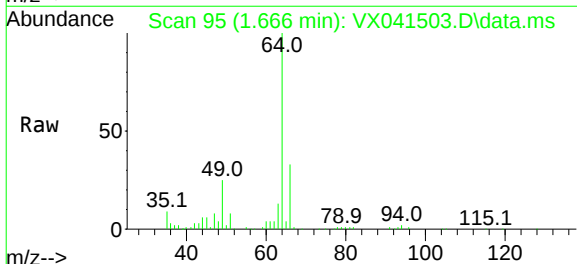
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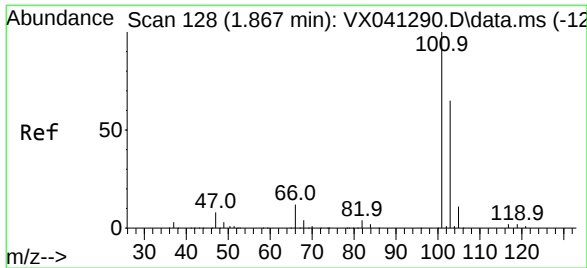
Tgt Ion: 64 Resp: 38431

Ion Ratio Lower Upper

64 100

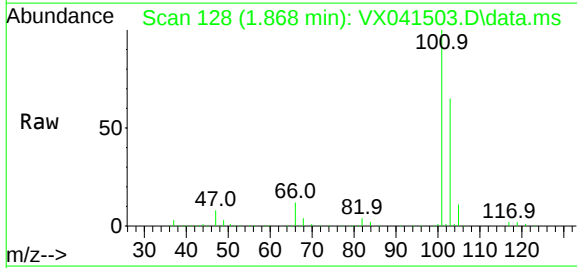
66 32.9 25.1 37.7





Trichlorofluoromethane
Concen: 57.000 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041503.D
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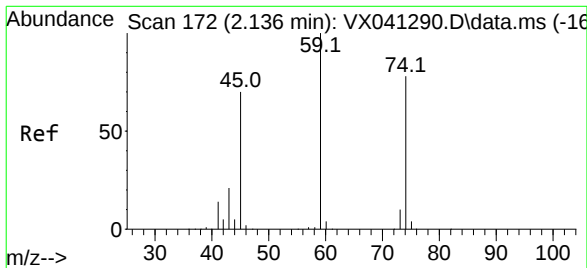
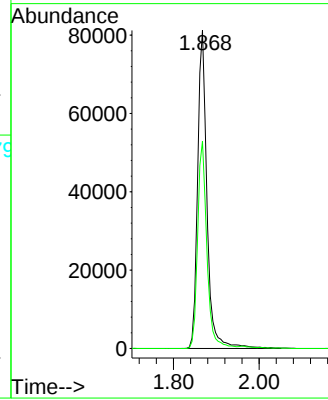
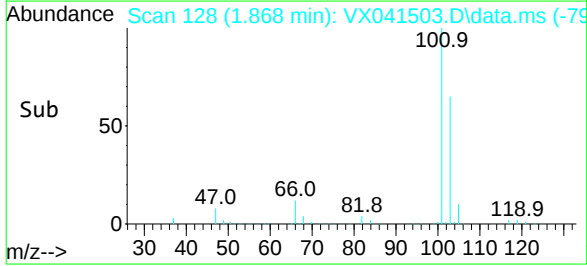
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion:101 Resp: 123501
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

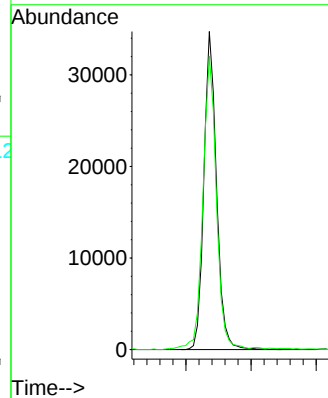
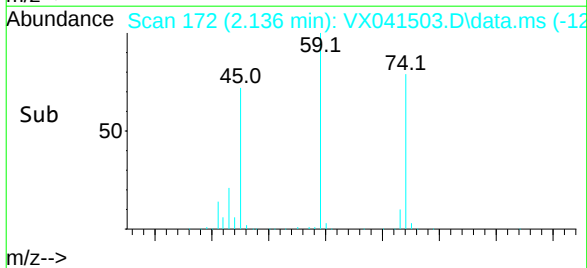
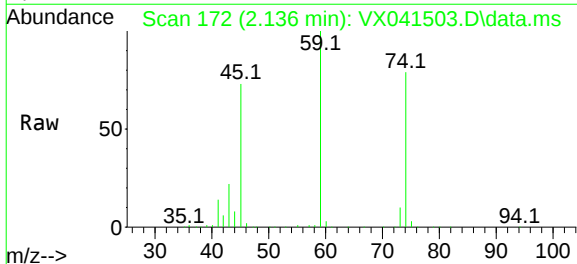
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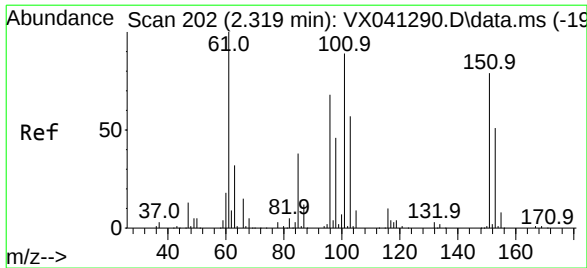
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



Diethyl Ether
Concen: 61.133 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041503.D
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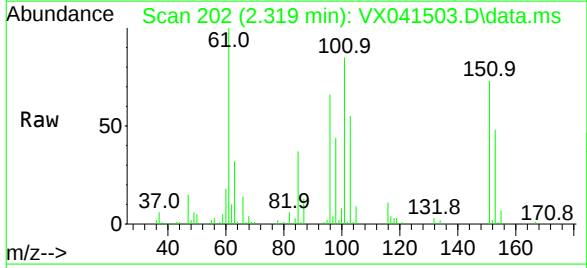
Tgt Ion: 74 Resp: 46686
Ion Ratio Lower Upper
74 100
45 98.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.475 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

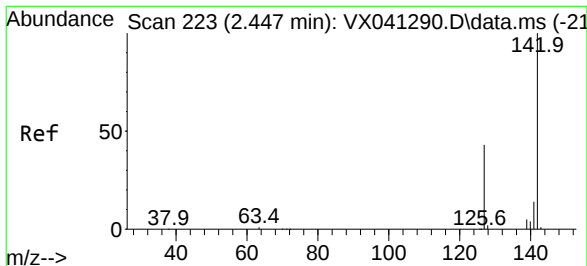
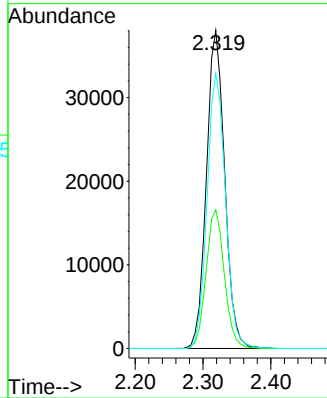
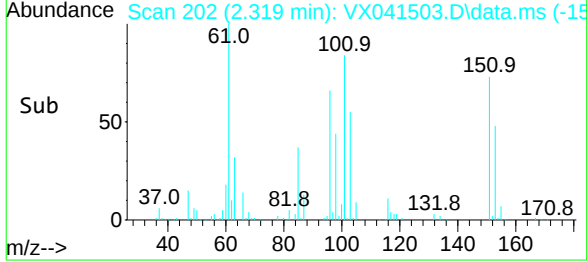
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



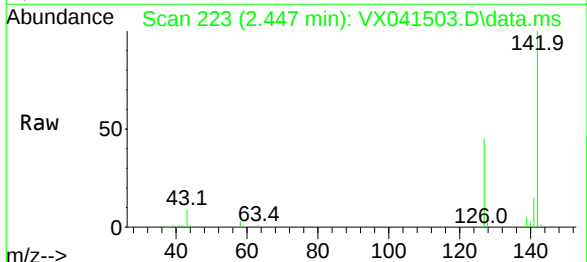
Tgt Ion:101 Resp: 71208
Ion Ratio Lower Upper
101 100
85 43.6 37.0 55.6
151 87.3 58.6 87.8

Manual Integrations
APPROVED

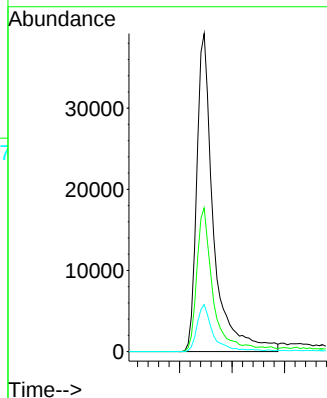
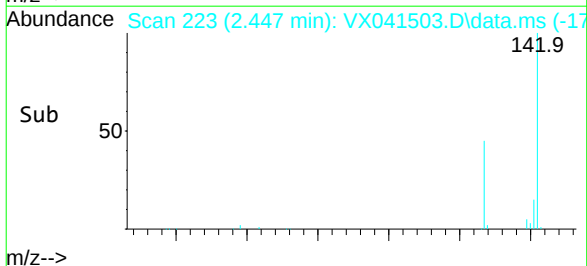
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

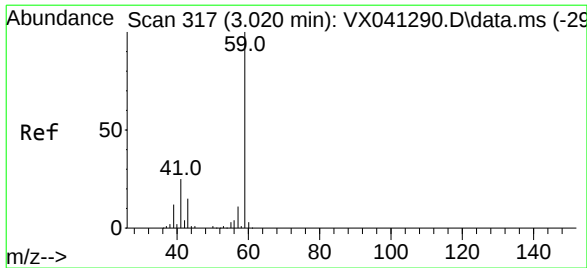


#10
Methyl Iodide
Concen: 66.576 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



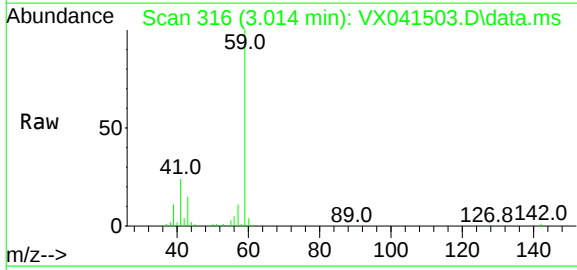
Tgt Ion:142 Resp: 87256
Ion Ratio Lower Upper
142 100
127 43.3 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 371.534 ug/l
RT: 3.014 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

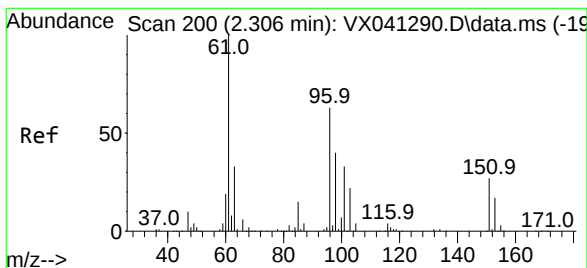
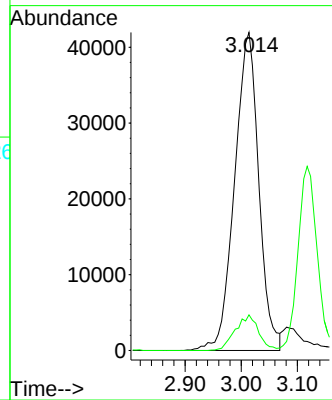
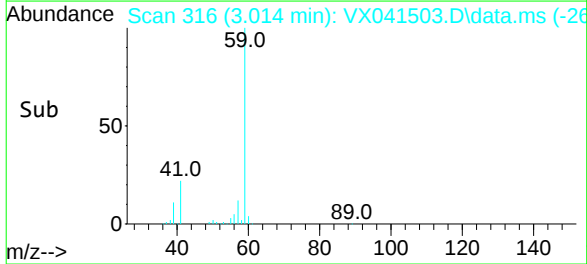
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



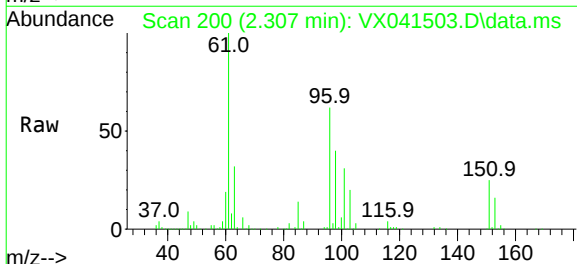
Tgt Ion: 59 Resp: 125493
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#

Manual Integrations
APPROVED

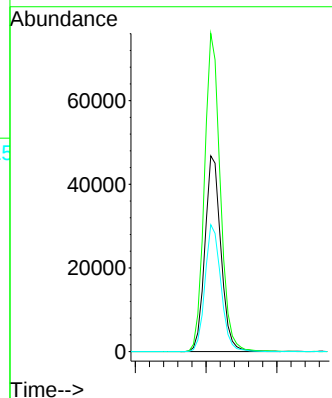
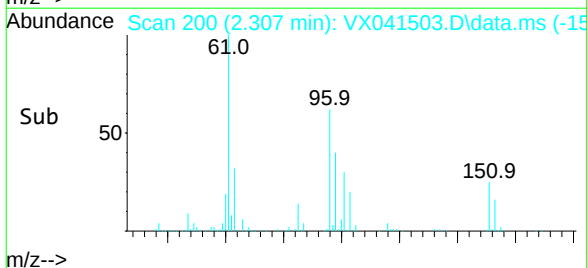
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

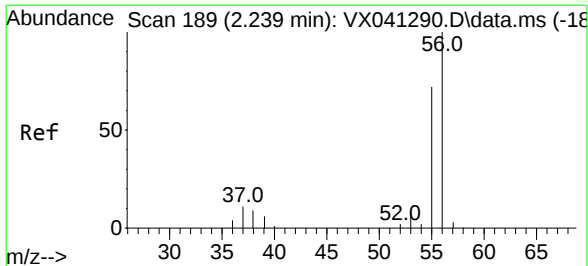


#12
1,1-Dichloroethene
Concen: 61.180 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion: 96 Resp: 73493
Ion Ratio Lower Upper
96 100
61 162.5 144.6 216.8
98 64.8 50.4 75.6





#13

Acrolein

Concen: 424.392 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 56 Resp: 113720

Ion Ratio Lower Upper

56 100

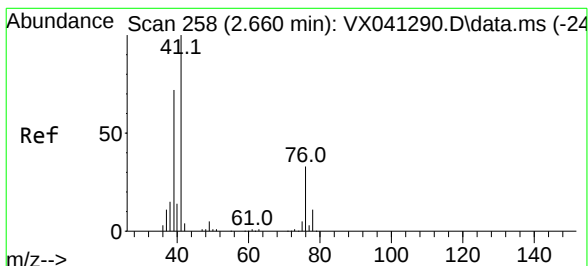
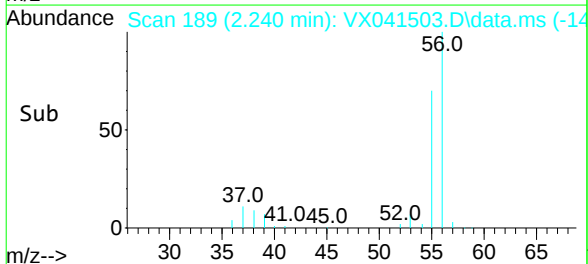
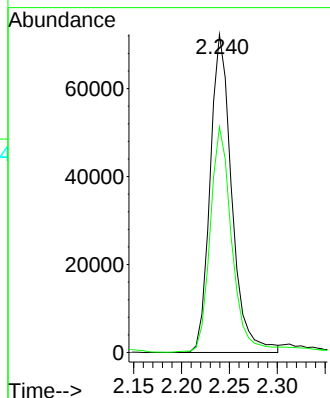
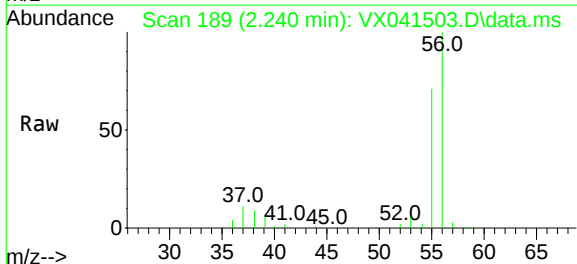
55 73.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#14

Allyl chloride

Concen: 65.693 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

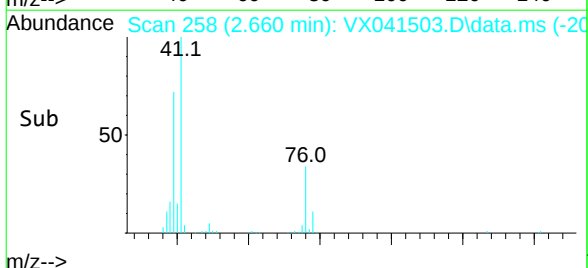
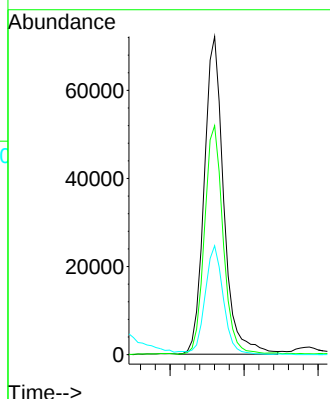
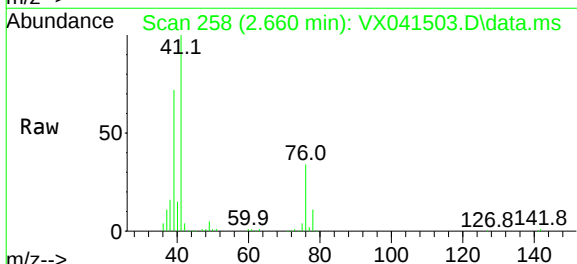
Tgt Ion: 41 Resp: 132580

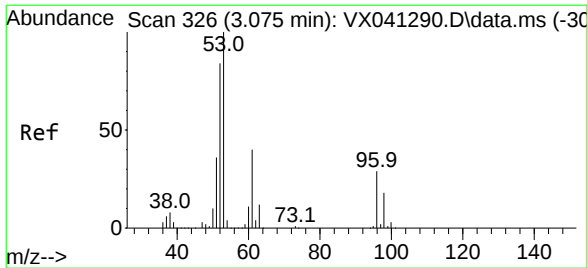
Ion Ratio Lower Upper

41 100

39 68.7 55.8 83.6

76 32.0 24.3 36.5





#15

Acrylonitrile

Concen: 334.875 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

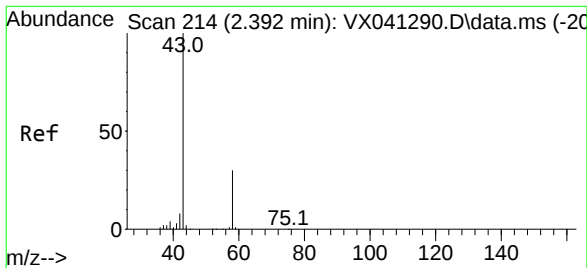
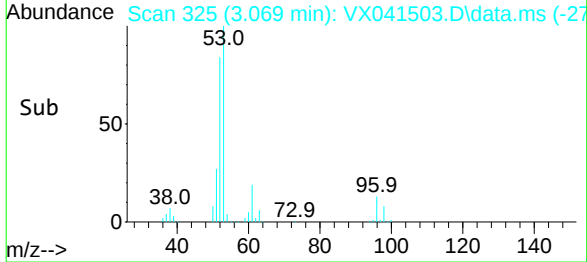
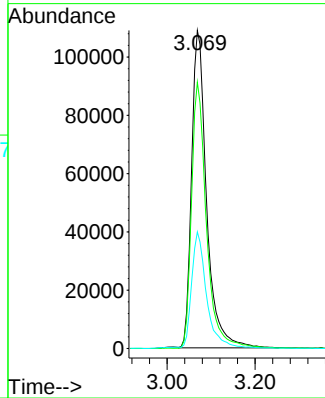
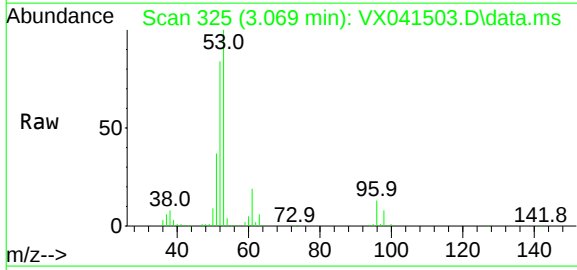
Tgt Ion:	53	Resp:	258153
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	37.5	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#16

Acetone

Concen: 303.019 ug/l

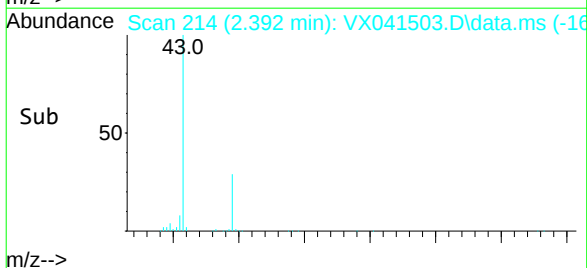
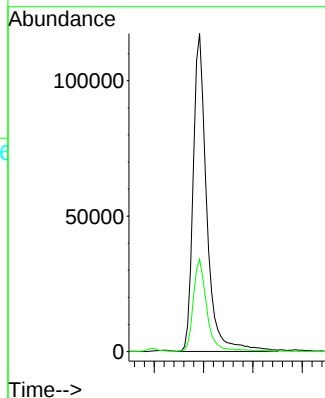
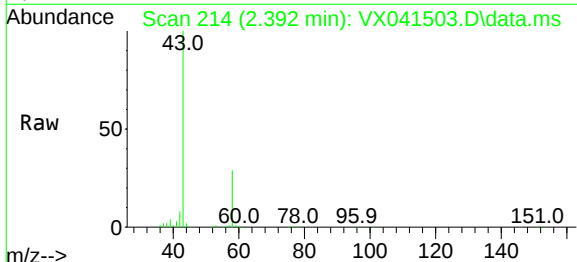
RT: 2.392 min Scan# 214

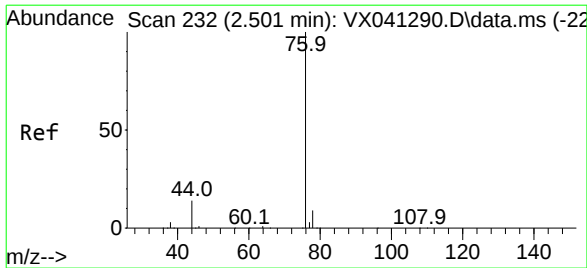
Delta R.T. -0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion:	43	Resp:	224570
Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.9	32.9





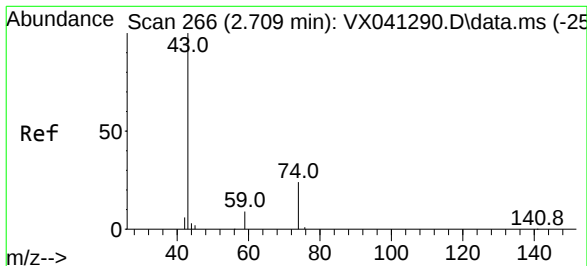
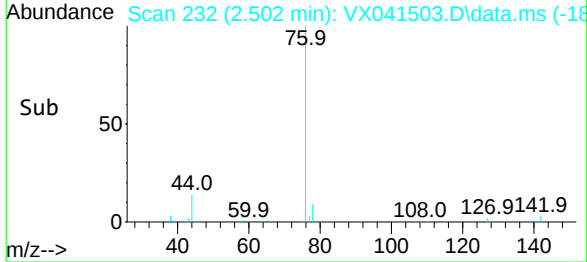
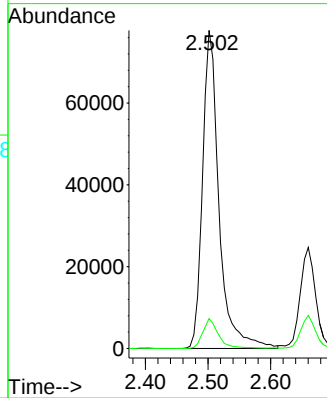
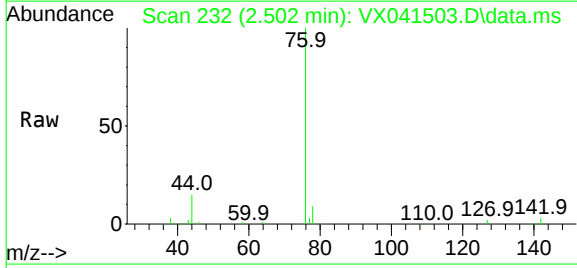
#17
Carbon Disulfide
Concen: 50.223 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 76 Resp: 141819
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

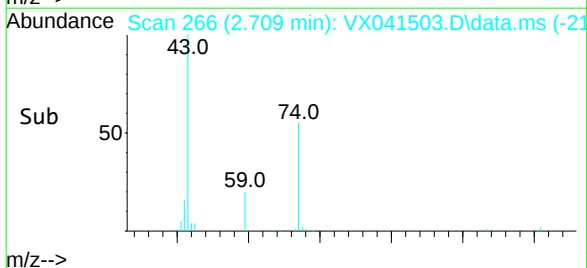
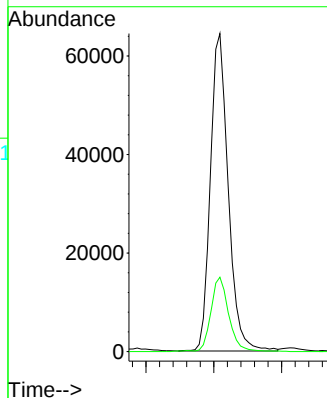
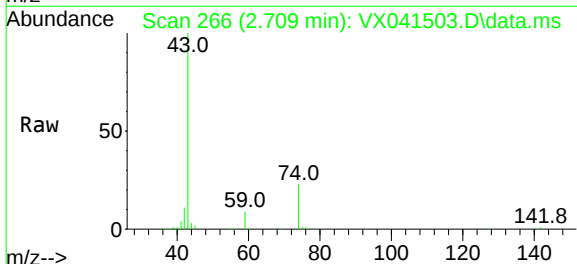
Manual Integrations
APPROVED

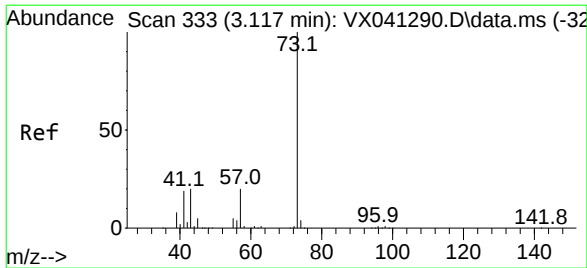
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#18
Methyl Acetate
Concen: 68.128 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 43 Resp: 117627
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





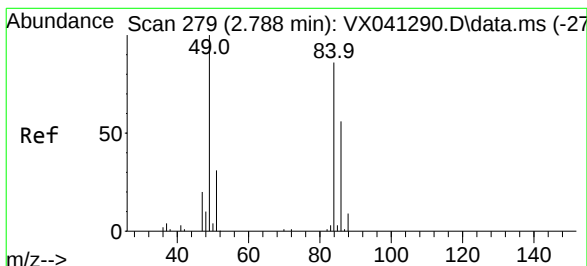
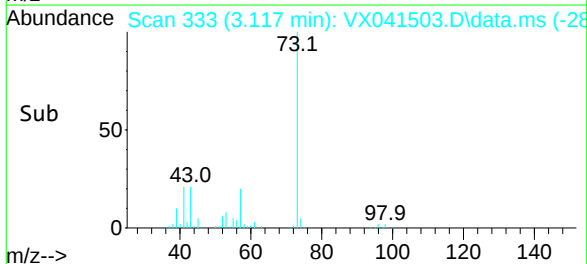
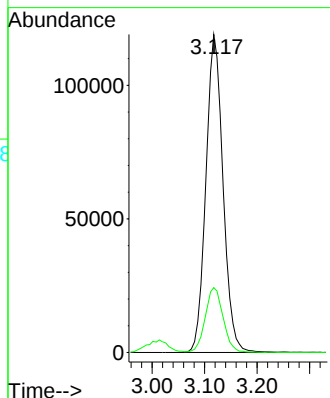
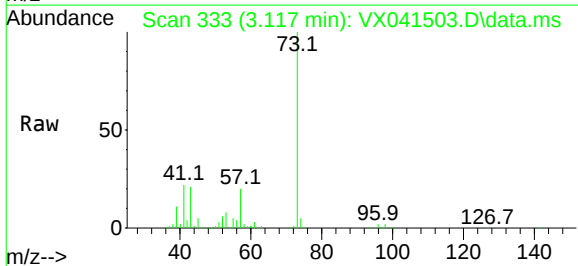
#19
Methyl tert-butyl Ether
Concen: 61.573 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 73 Resp: 269629
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

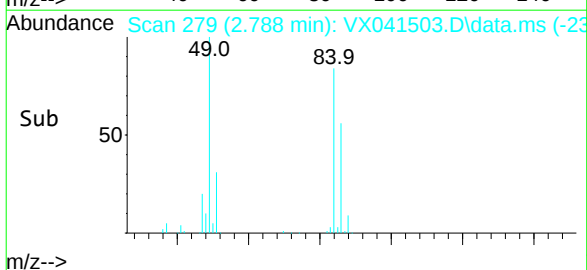
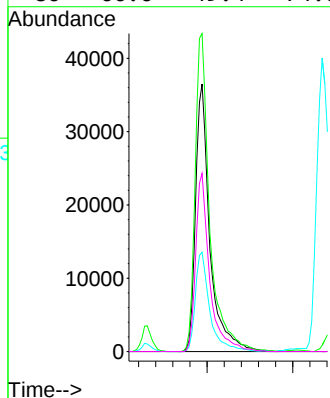
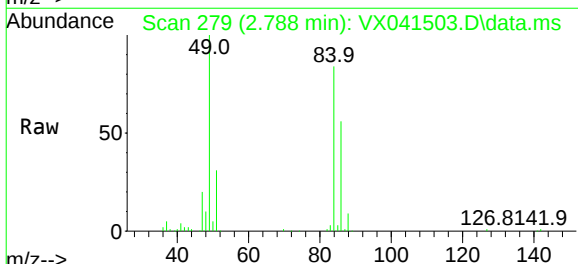
Manual Integrations
APPROVED

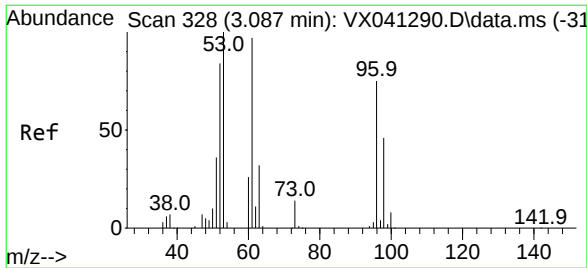
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#20
Methylene Chloride
Concen: 57.735 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

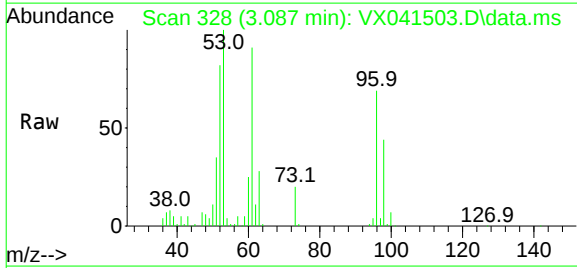
Tgt Ion: 84 Resp: 84584
Ion Ratio Lower Upper
84 100
49 118.9 103.6 155.4
51 37.1 33.8 50.6
86 66.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 56.515 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

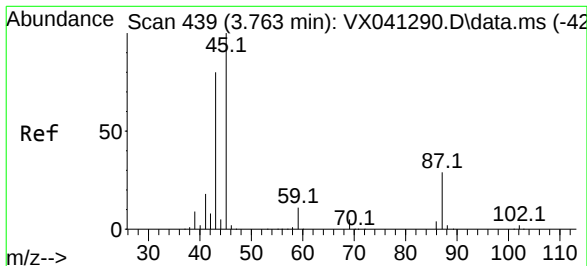
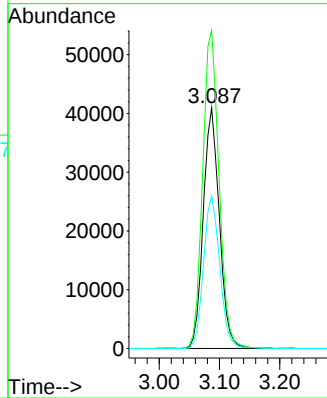
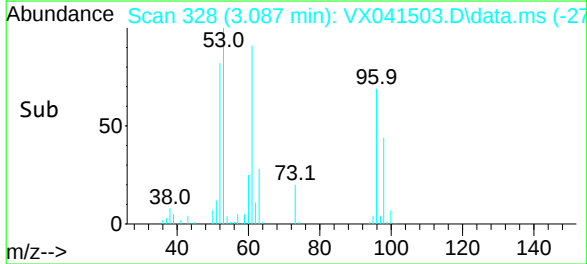
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



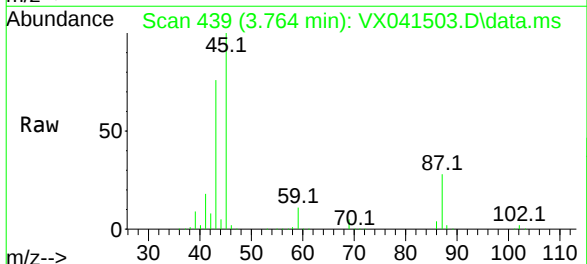
Tgt Ion: 96 Resp: 75869
Ion Ratio Lower Upper
96 100
61 132.2 119.2 178.8
98 63.4 48.7 73.1

Manual Integrations
APPROVED

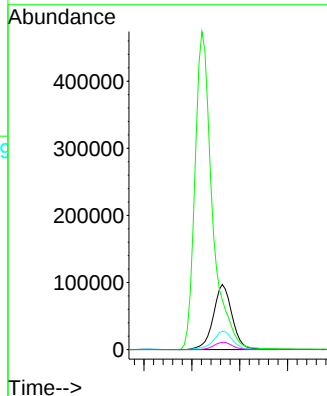
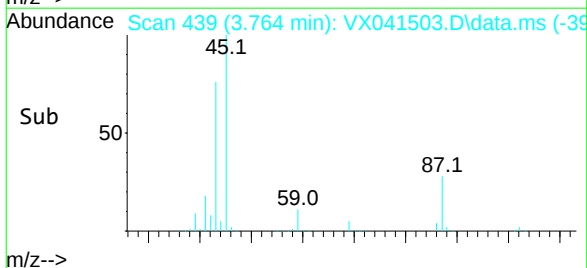
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

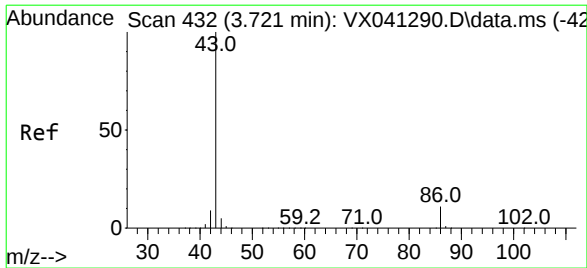


#22
Diisopropyl ether
Concen: 61.905 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion: 45 Resp: 264780
Ion Ratio Lower Upper
45 100
43 76.2 69.7 104.5
87 28.3 20.8 31.2
59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 312.814 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 43 Resp: 1196853

Ion Ratio Lower Upper

43 100

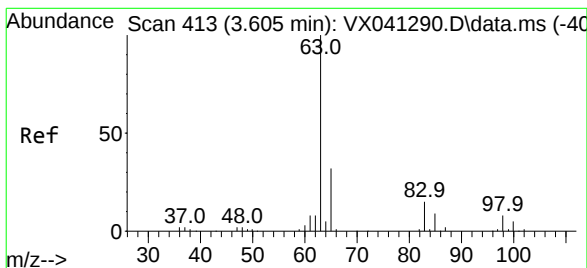
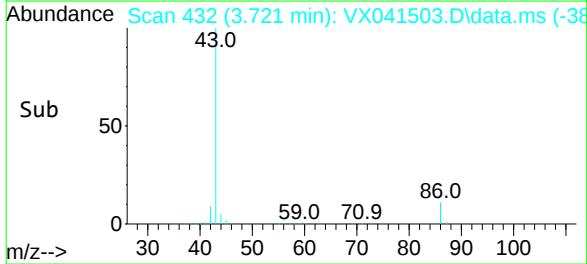
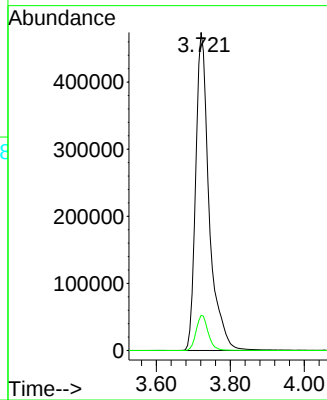
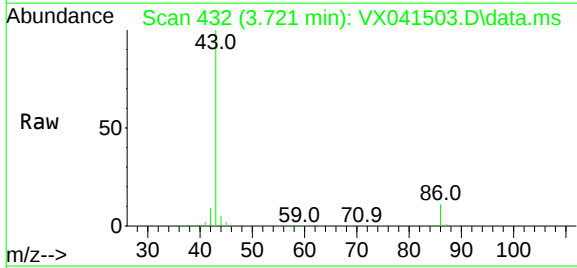
86 11.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#24

1,1-Dichloroethane

Concen: 61.009 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

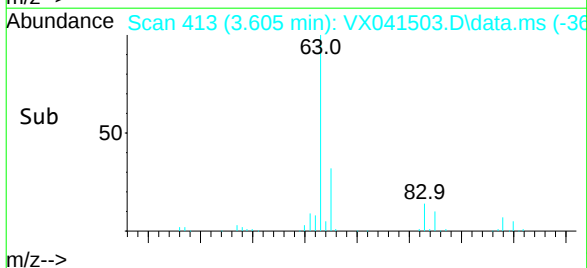
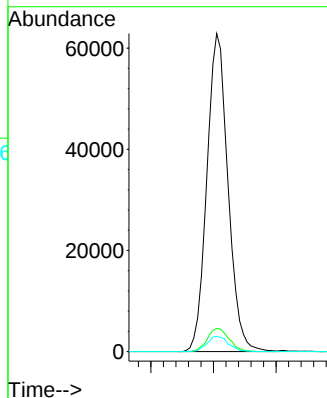
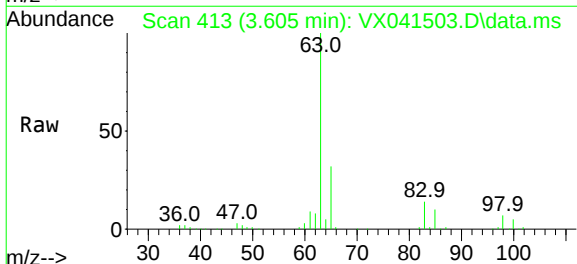
Tgt Ion: 63 Resp: 147423

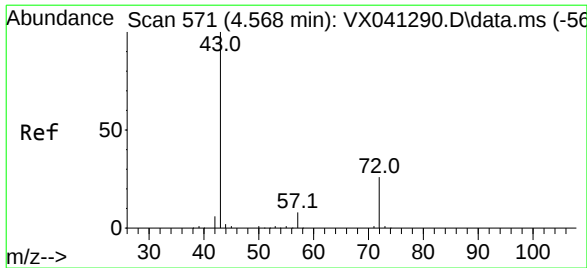
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.7 2.1 6.5





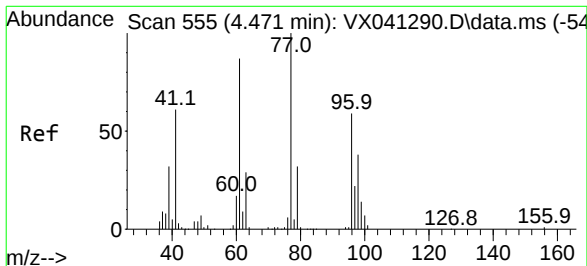
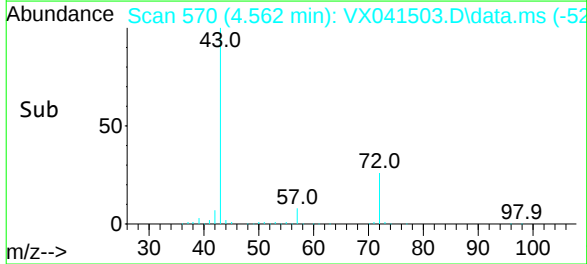
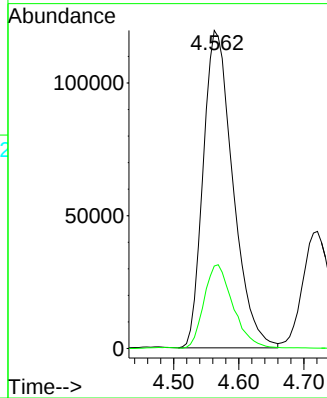
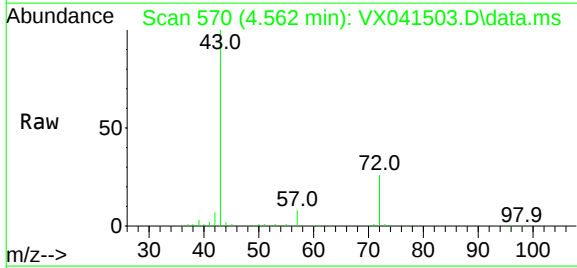
#25
2-Butanone
Concen: 347.225 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 43 Resp: 379251
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

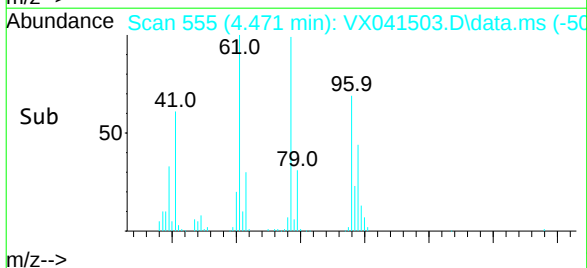
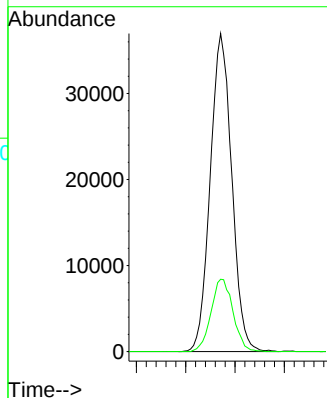
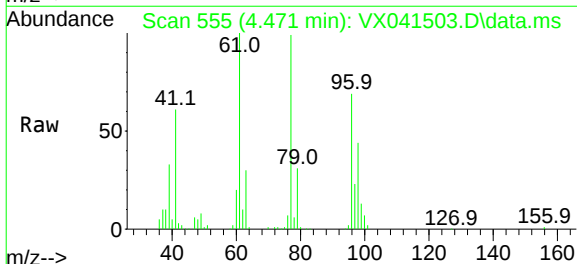
Manual Integrations
APPROVED

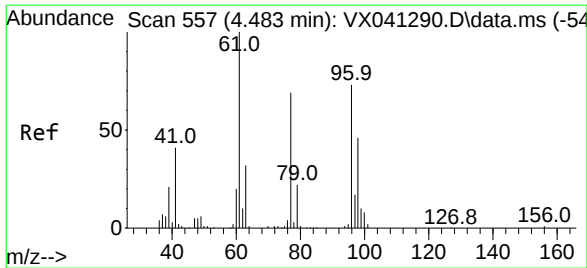
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#26
2,2-Dichloropropane
Concen: 55.443 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

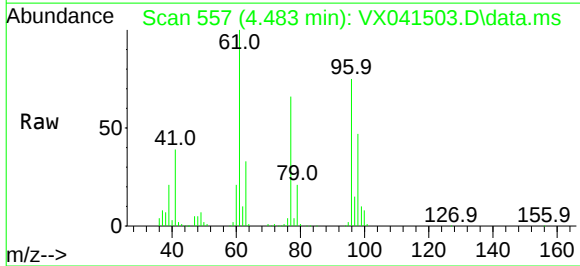
Tgt Ion: 77 Resp: 112014
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 61.400 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

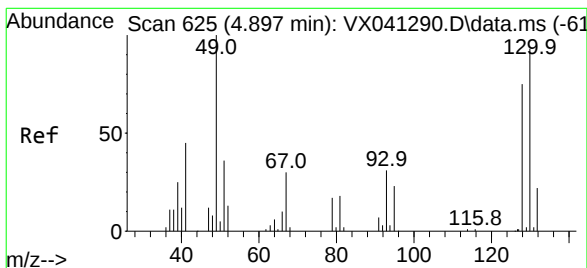
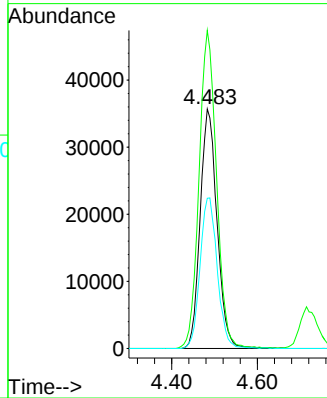
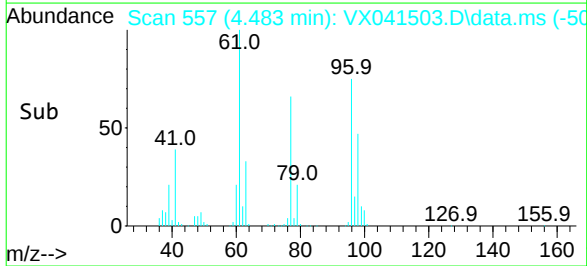
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



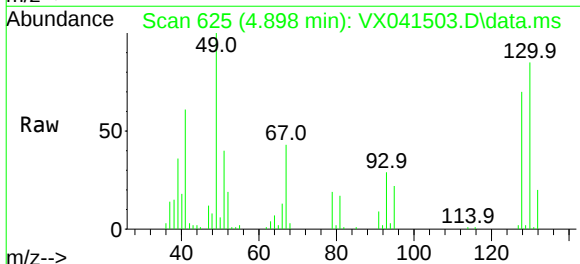
Tgt Ion: 96 Resp: 97594
Ion Ratio Lower Upper
96 100
61 137.6 0.0 312.2
98 64.2 0.0 129.0

Manual Integrations
APPROVED

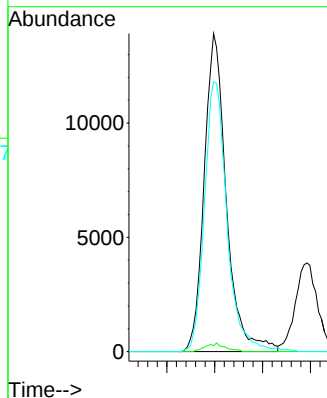
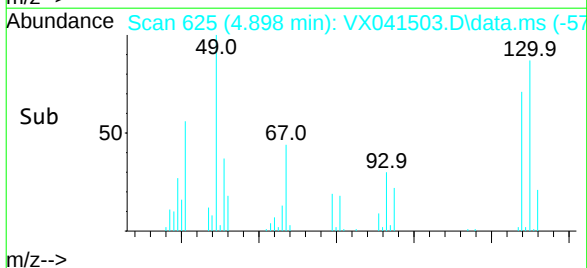
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

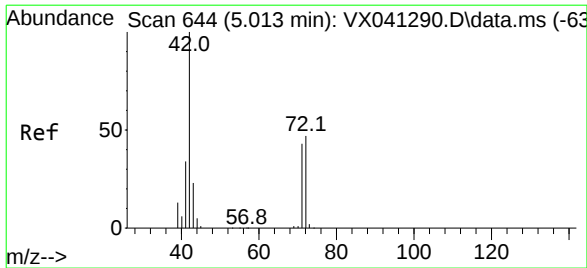


#28
Bromochloromethane
Concen: 51.733 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.001 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion: 49 Resp: 44614
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 86.8 57.5 86.3#





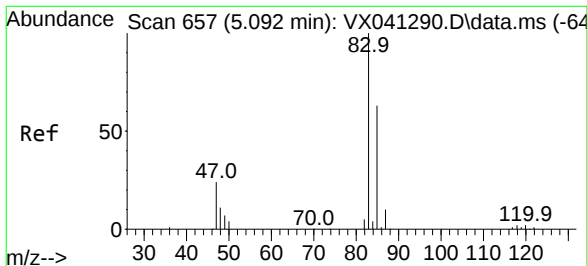
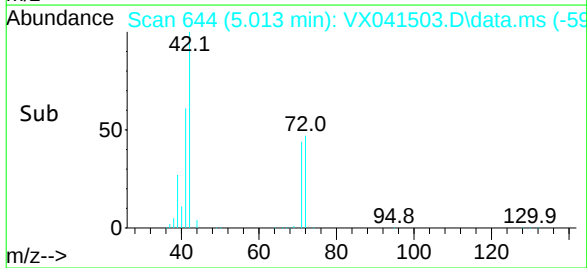
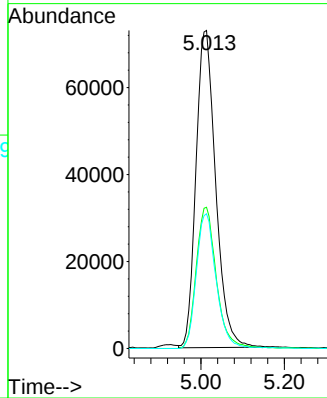
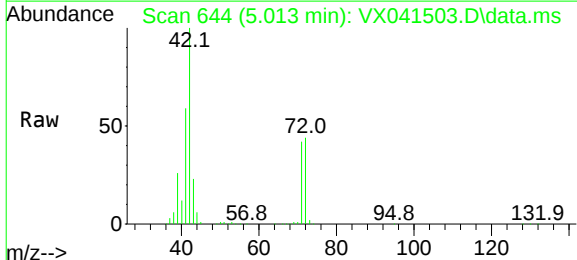
#29
Tetrahydrofuran
Concen: 335.231 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 42 Resp: 239462
Ion Ratio Lower Upper
42 100
72 45.6 34.2 51.4
71 42.5 32.2 48.2

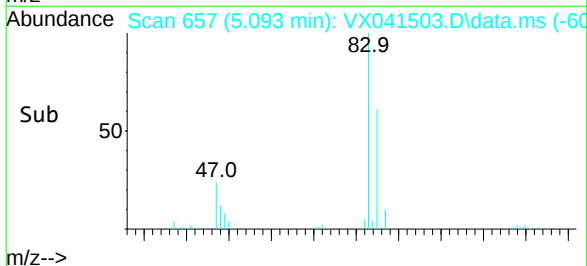
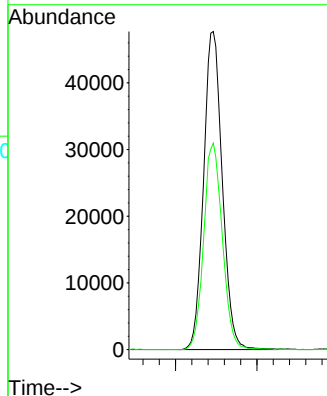
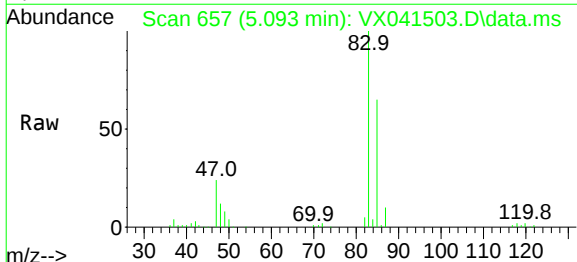
Manual Integrations
APPROVED

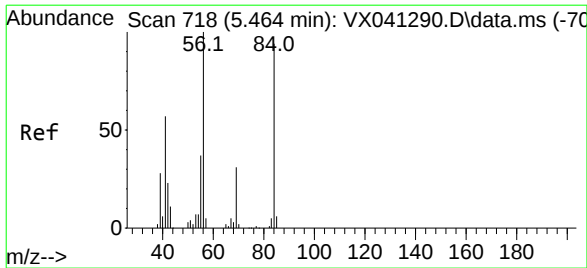
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#30
Chloroform
Concen: 60.453 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 83 Resp: 151976
Ion Ratio Lower Upper
83 100
85 64.9 50.3 75.5





#31

Cyclohexane

Concen: 53.453 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 56 Resp: 108870

Ion Ratio Lower Upper

56 100

69 31.3 23.4 35.2

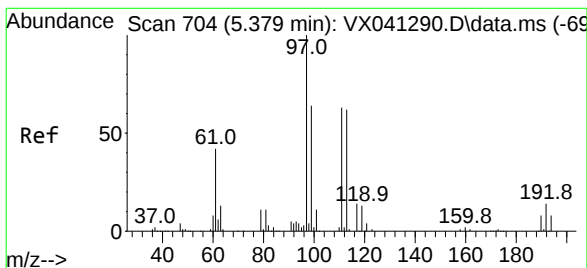
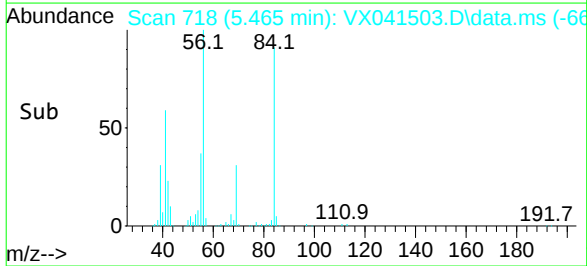
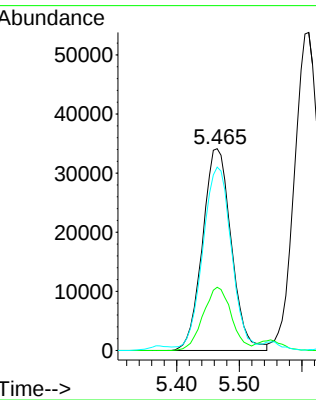
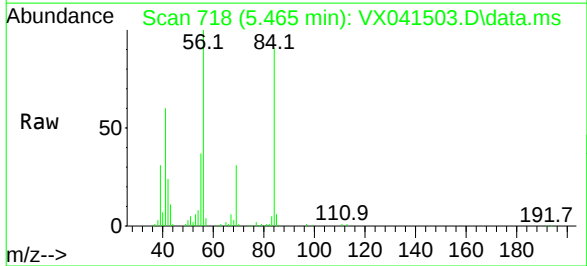
84 89.0 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#32

1,1,1-Trichloroethane

Concen: 59.861 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

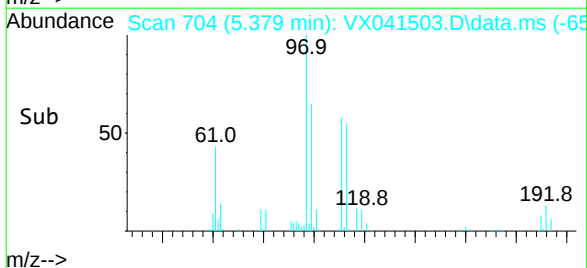
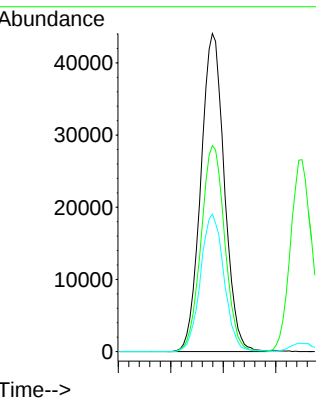
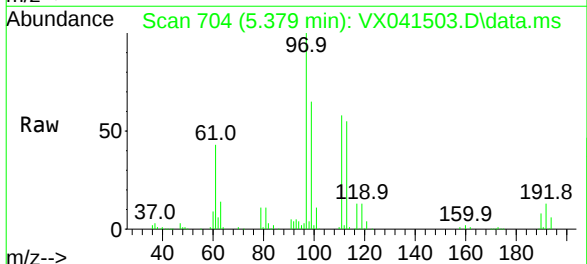
Tgt Ion: 97 Resp: 136914

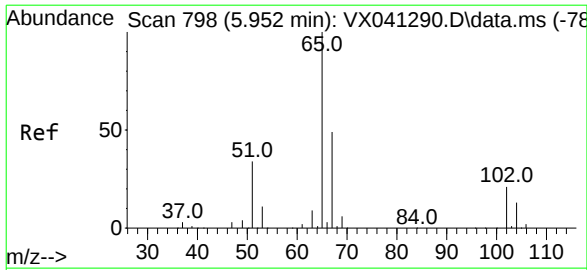
Ion Ratio Lower Upper

97 100

99 65.4 51.1 76.7

61 43.4 36.4 54.6





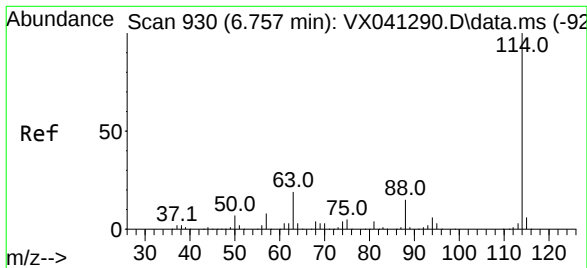
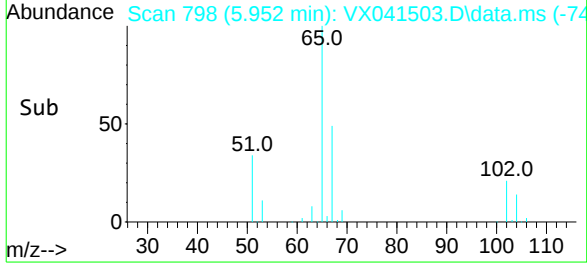
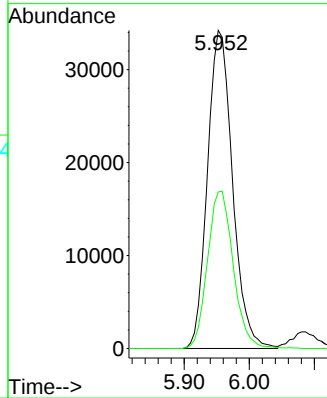
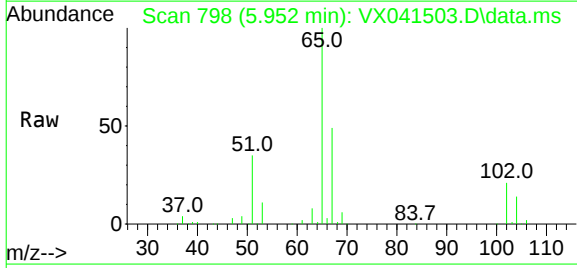
#33
1,2-Dichloroethane-d4
Concen: 54.225 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 65 Resp: 91509
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

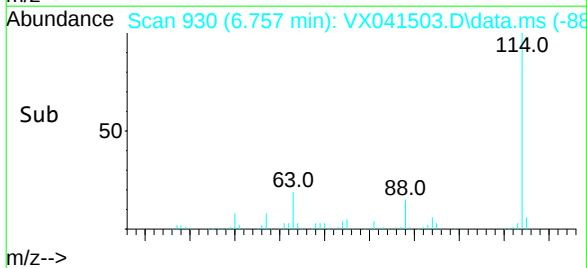
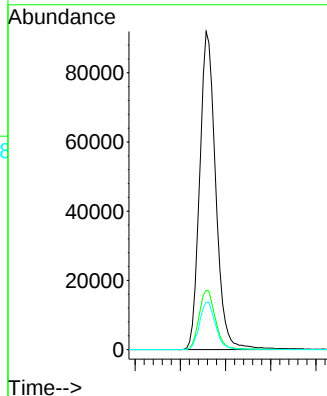
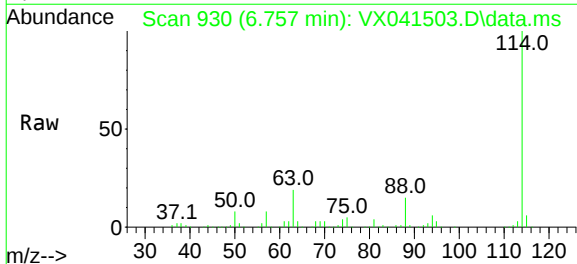
Manual Integrations
APPROVED

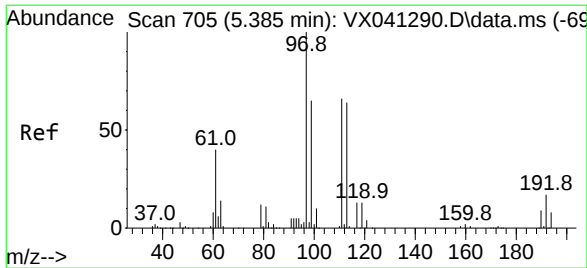
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

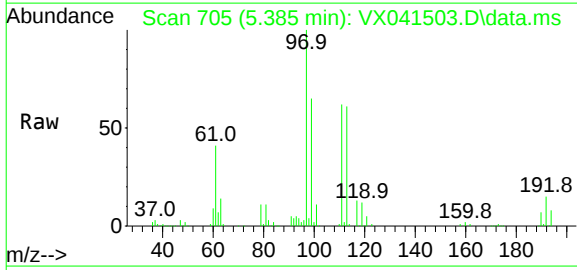
Tgt Ion:114 Resp: 226181
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

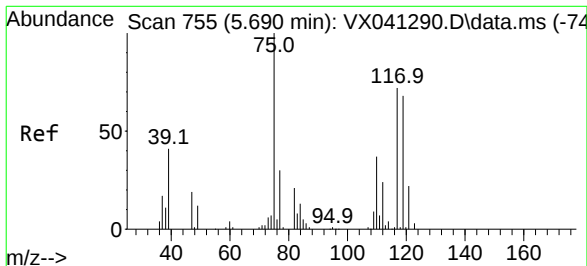
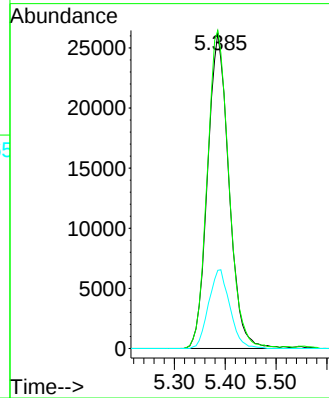
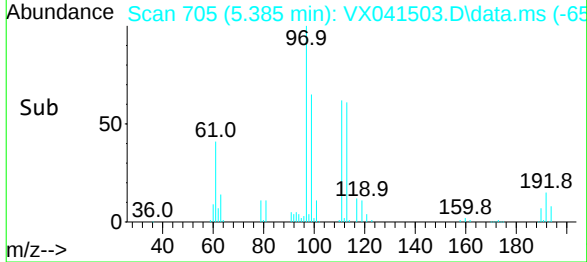
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion:113 Resp: 76452
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 24.8 13.3 19.9#

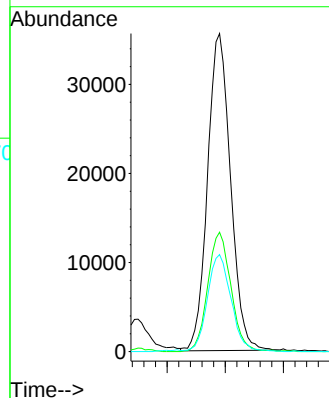
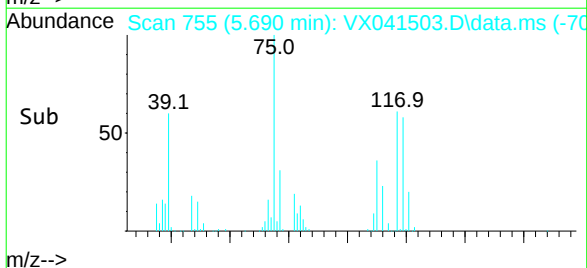
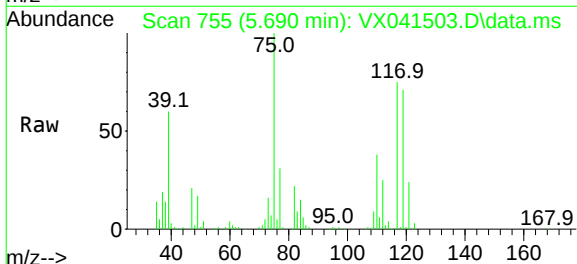
Manual Integrations
APPROVED

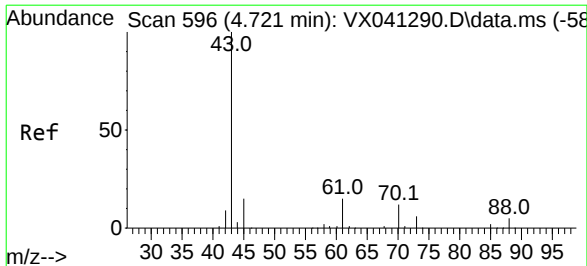
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#36
1,1-Dichloropropene
Concen: 53.423 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 75 Resp: 97914
Ion Ratio Lower Upper
75 100
110 37.9 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 60.094 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

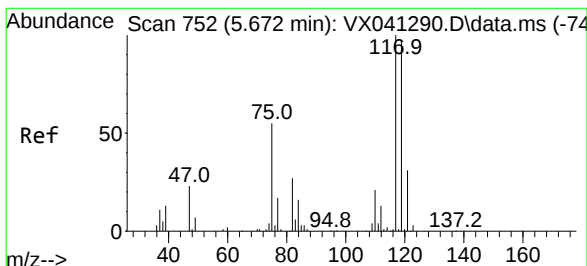
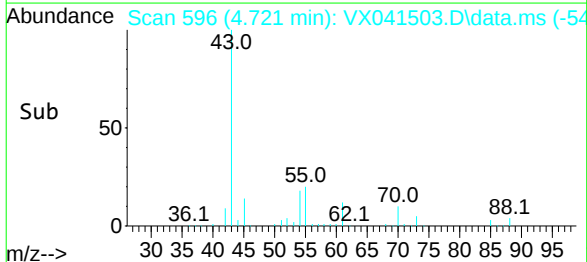
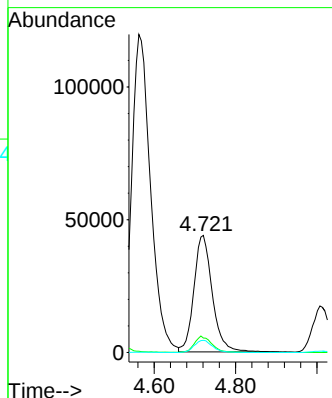
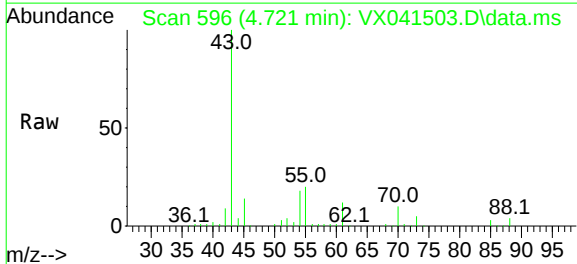
ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 43	Resp: 137428
Ion Ratio	Lower Upper
43 100	
61 13.3	10.6 16.0
70 10.4	8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#38

Carbon Tetrachloride

Concen: 56.278 ug/l

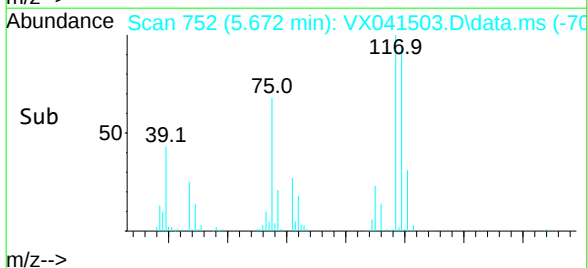
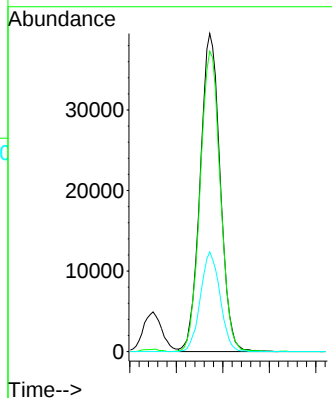
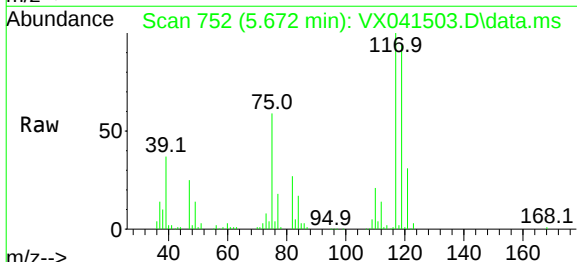
RT: 5.672 min Scan# 752

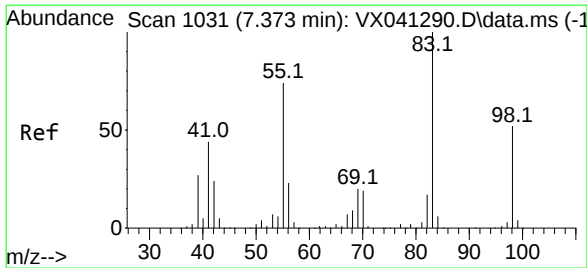
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

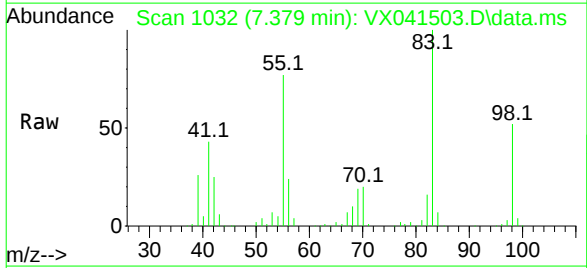
Tgt Ion: 117	Resp: 118164
Ion Ratio	Lower Upper
117 100	
119 94.4	78.2 117.2
121 31.4	24.4 36.6





#39
Methylcyclohexane
Concen: 50.750 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

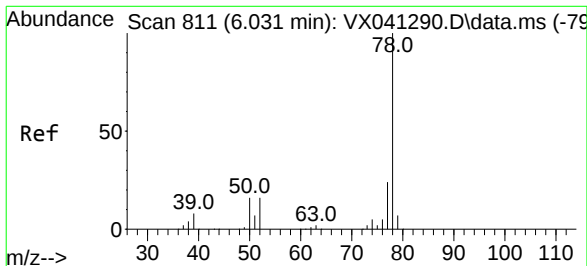
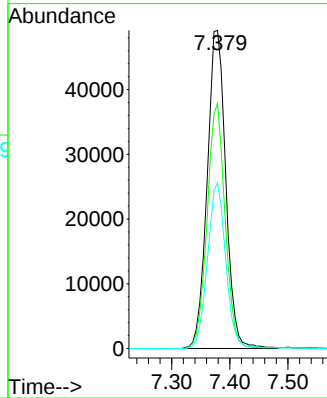
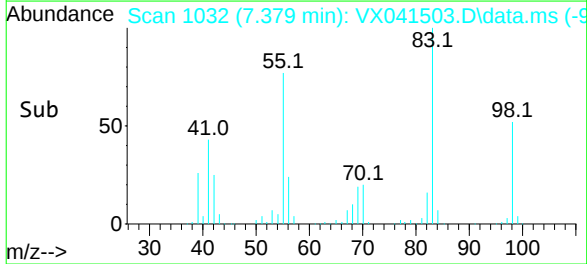
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion: 83 Resp: 109275
Ion Ratio Lower Upper
83 100
55 77.1 64.6 97.0
98 52.1 36.7 55.1

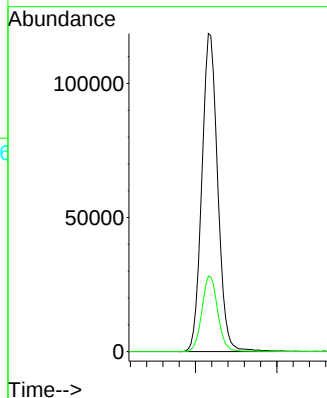
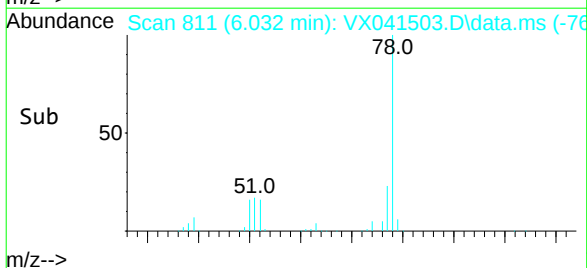
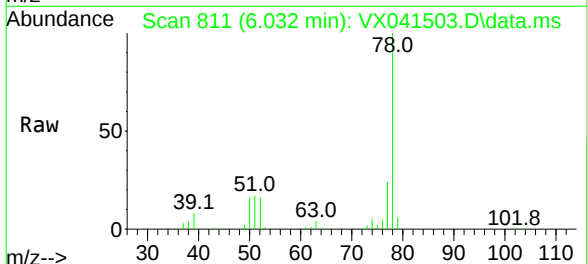
Manual Integrations
APPROVED

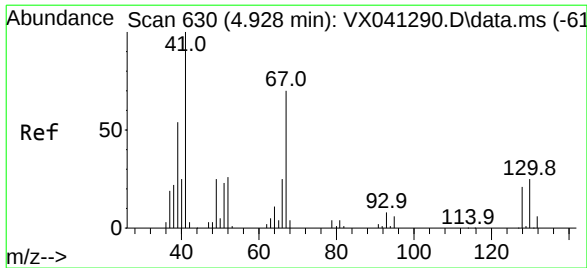
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#40
Benzene
Concen: 56.916 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 78 Resp: 321577
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





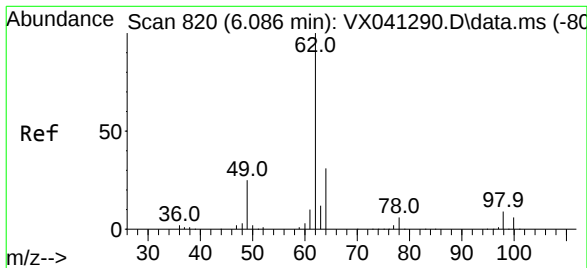
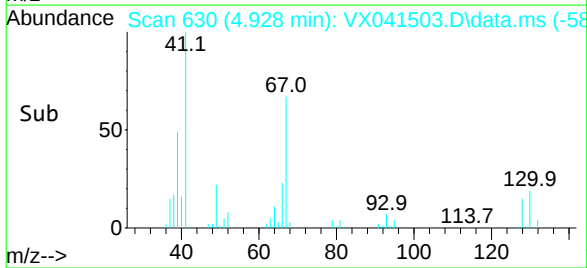
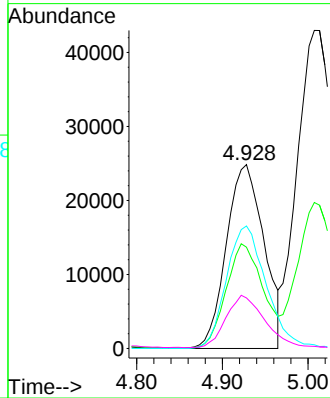
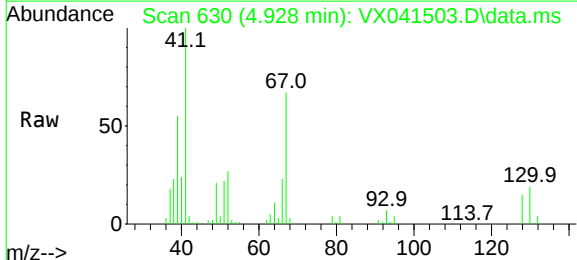
#41
Methacrylonitrile
Concen: 64.514 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion:	41	Resp:	75934
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.2	67.8
67	71.0	52.6	78.8
52	29.7	22.7	34.1

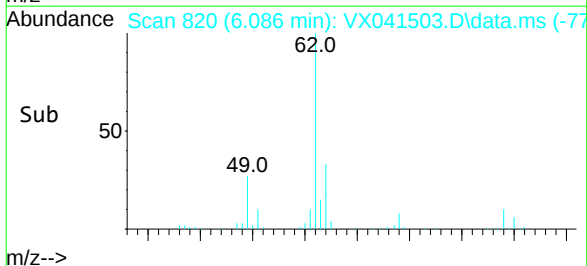
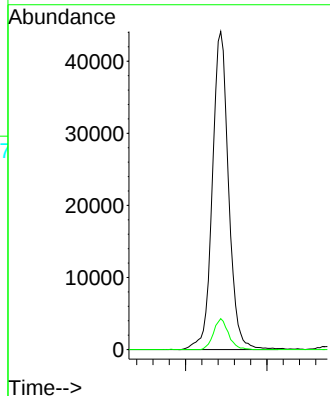
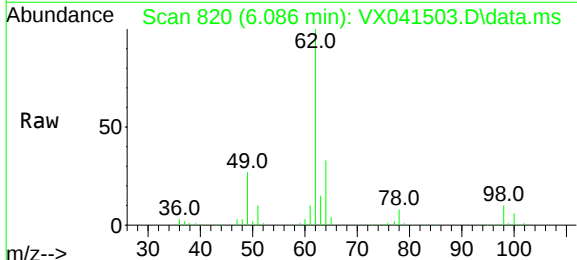
Manual Integrations
APPROVED

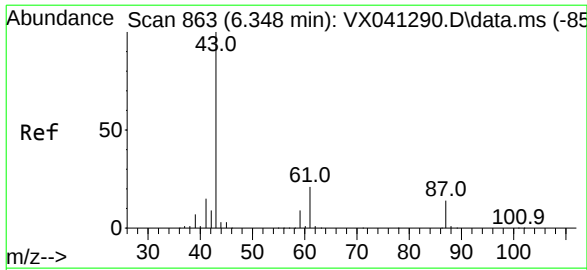
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#42
1,2-Dichloroethane
Concen: 59.004 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion:	62	Resp:	122178
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 60.912 ug/l

RT: 6.342 min Scan# 863

Delta R.T. -0.006 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

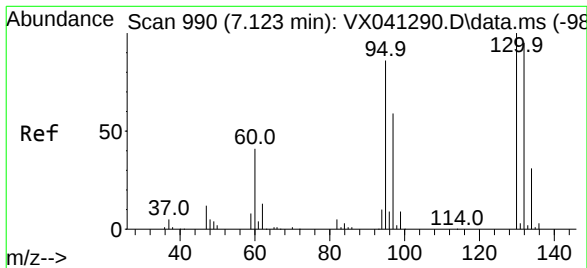
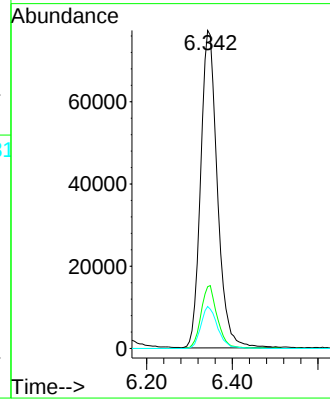
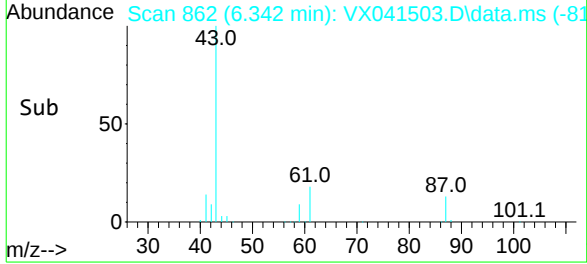
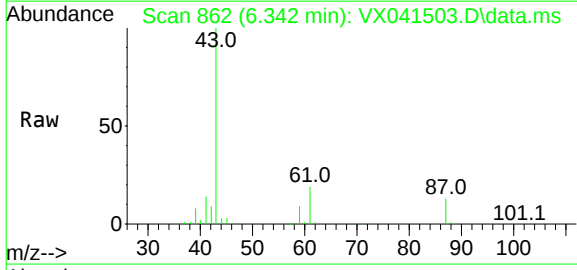
ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion:	43	Resp:	209439
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	13.2	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#44

Trichloroethene

Concen: 58.687 ug/l

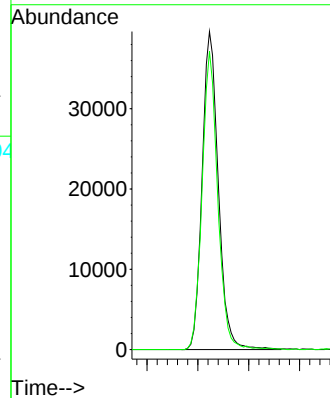
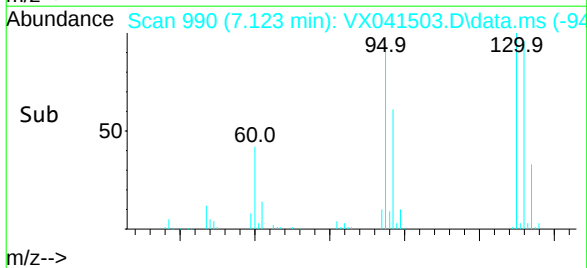
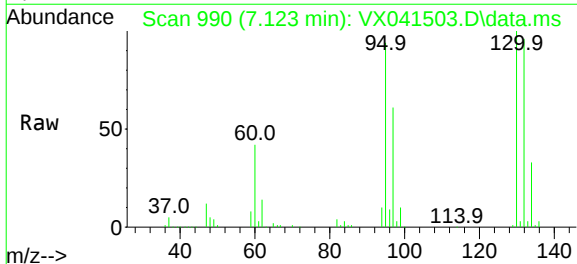
RT: 7.123 min Scan# 990

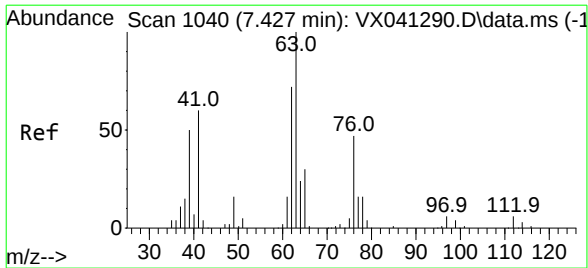
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion:	130	Resp:	87559
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	204.4





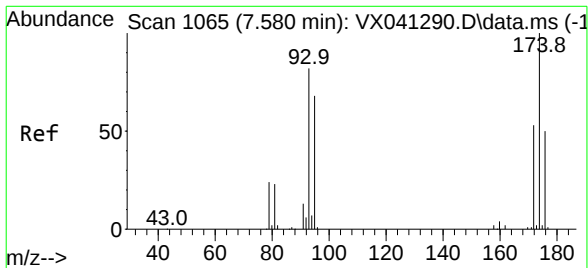
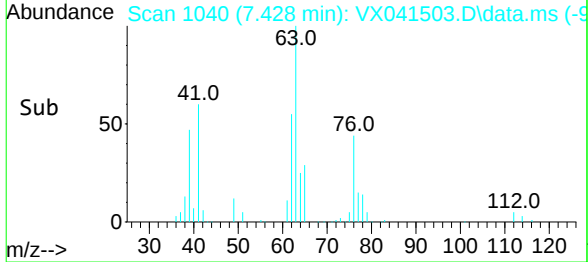
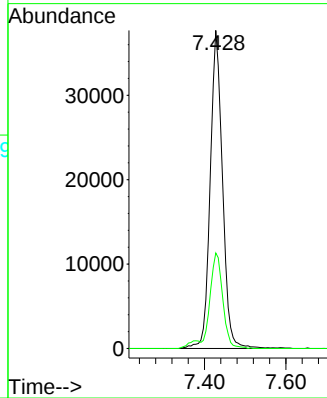
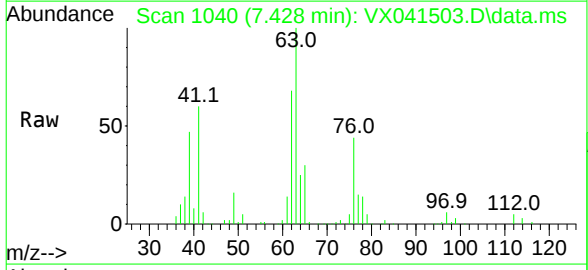
#45
1,2-Dichloropropane
Concen: 62.679 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 63 Resp: 79125
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5

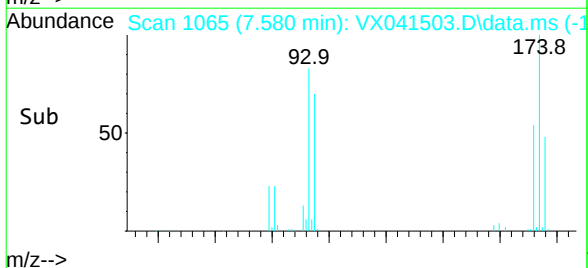
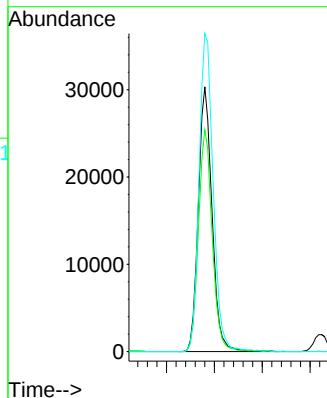
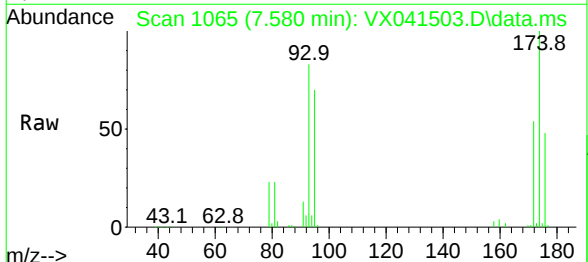
Manual Integrations
APPROVED

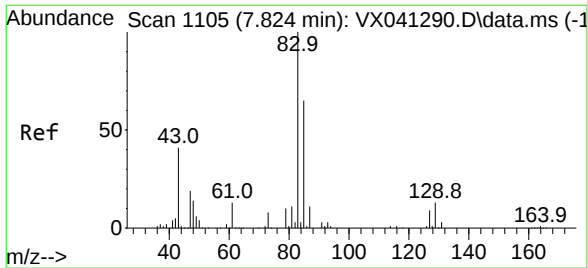
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#46
Dibromomethane
Concen: 60.189 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

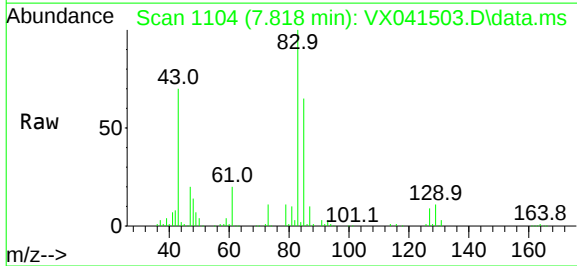
Tgt Ion: 93 Resp: 60487
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 123.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 64.197 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

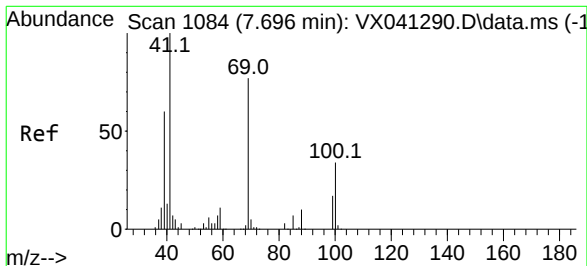
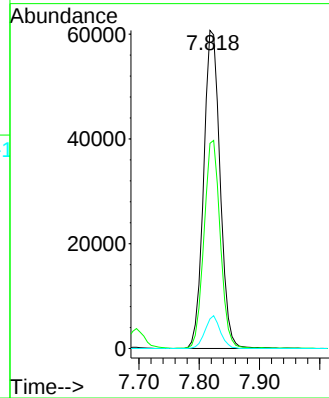
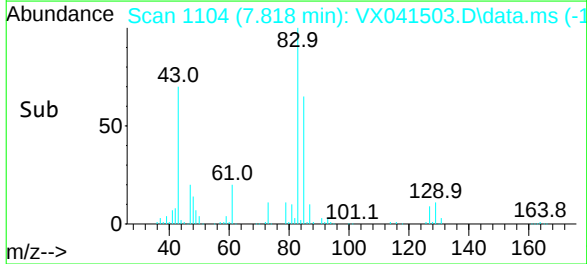
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion: 83 Resp: 114965
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.3 7.1 10.7

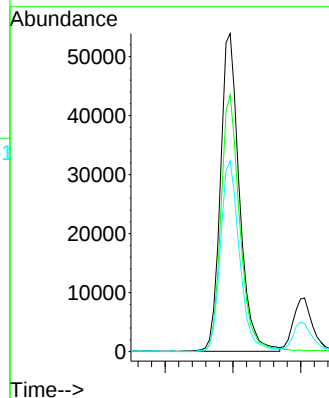
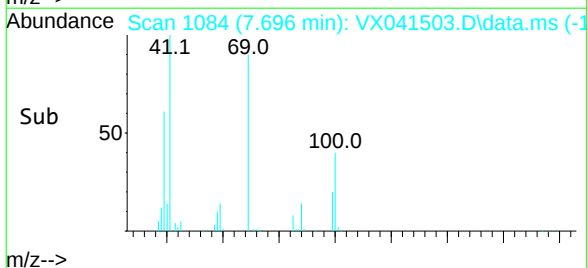
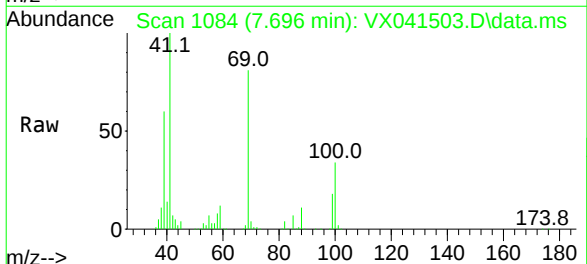
Manual Integrations
APPROVED

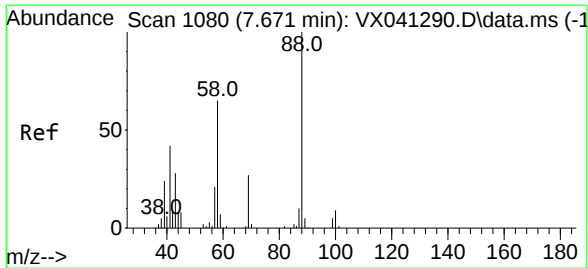
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#48
Methyl methacrylate
Concen: 66.402 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

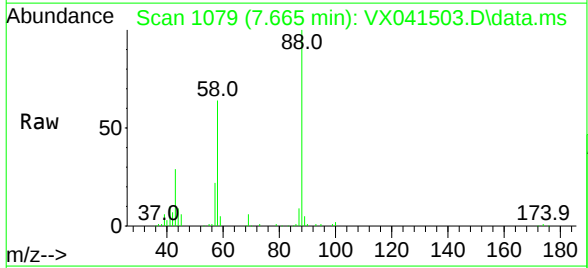
Tgt Ion: 41 Resp: 104664
Ion Ratio Lower Upper
41 100
69 80.4 59.2 88.8
39 60.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1584.883 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

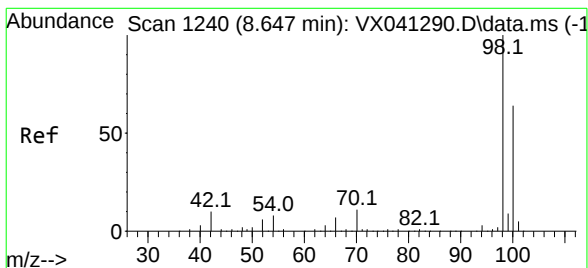
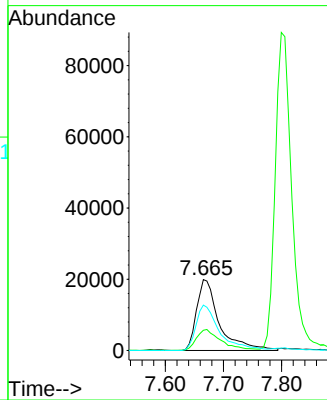
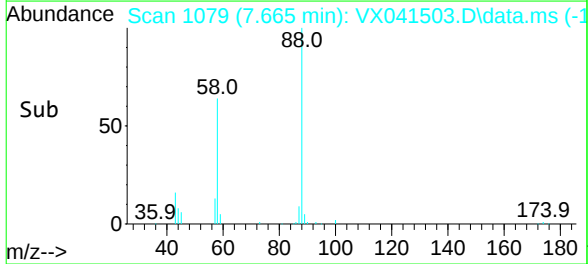
Instrument : MSVOA_X
ClientSampleId : RMW-01B-83-050924MSD



Tgt Ion: 88 Resp: 54010
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 66.3 60.1 90.1

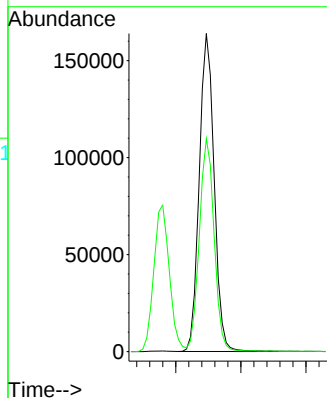
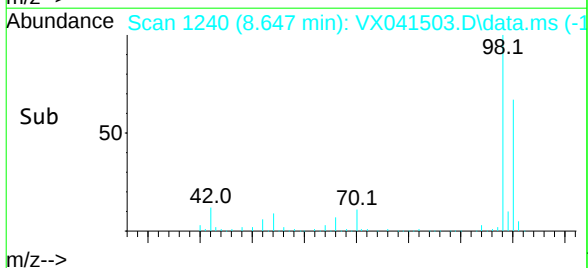
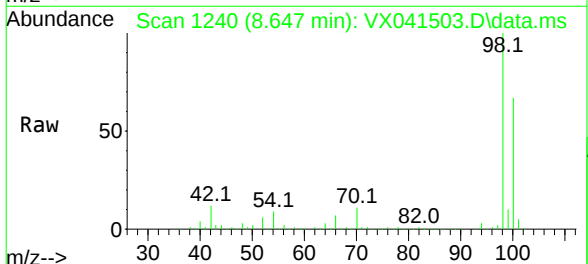
Manual Integrations
APPROVED

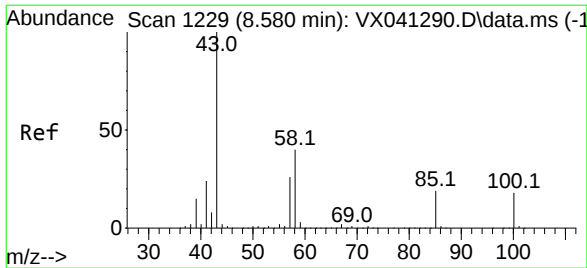
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#50
Toluene-d8
Concen: 53.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 98 Resp: 260120
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 359.900 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 43 Resp: 742558

Ion Ratio Lower Upper

43 100

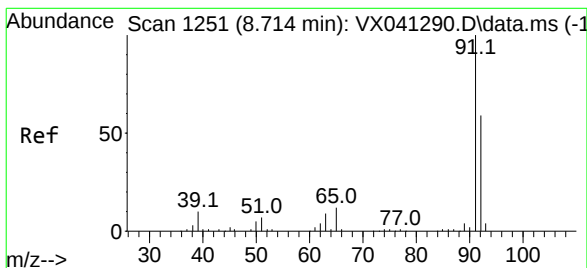
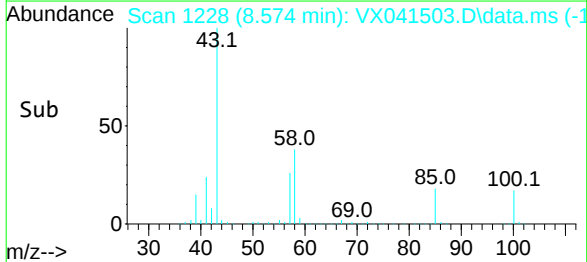
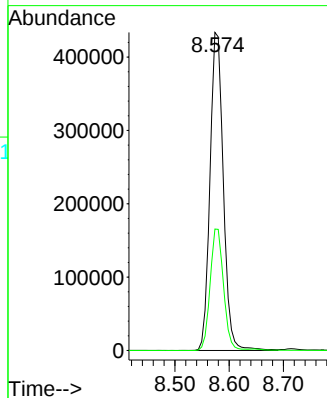
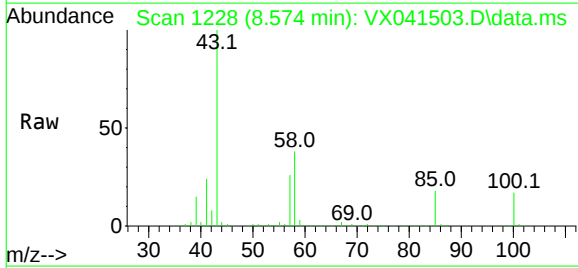
58 38.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#52

Toluene

Concen: 59.545 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041503.D

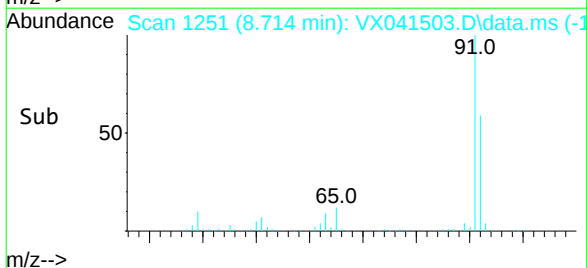
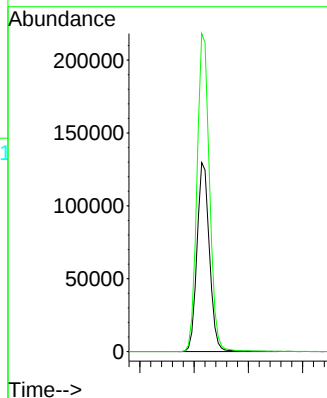
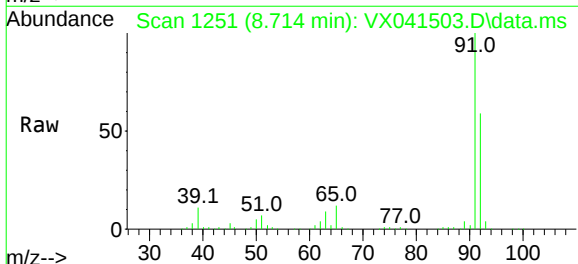
Acq: 13 May 2024 19:17

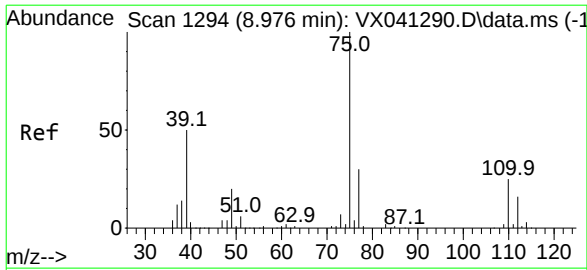
Tgt Ion: 92 Resp: 205807

Ion Ratio Lower Upper

92 100

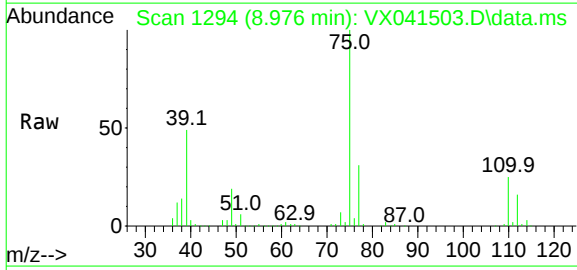
91 169.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.919 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

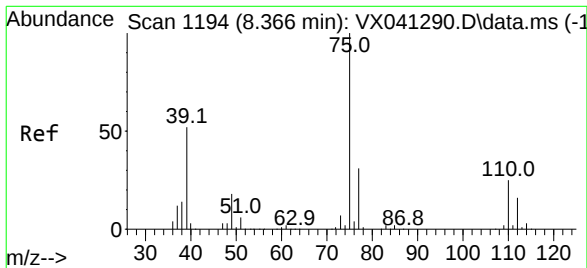
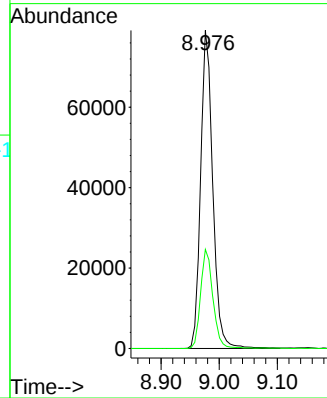
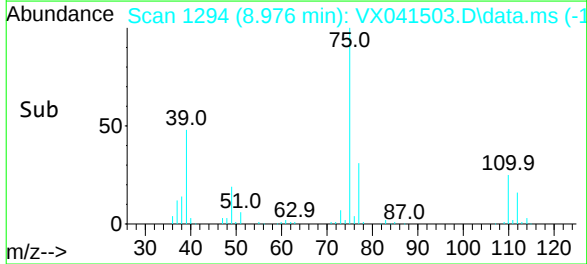
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



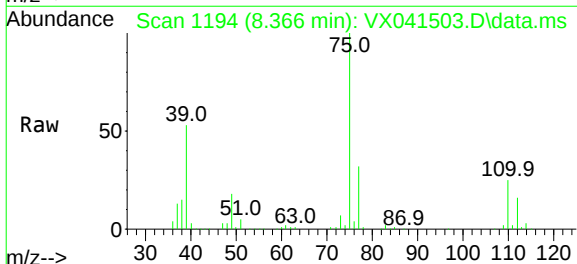
Tgt Ion: 75 Resp: 114855
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
APPROVED

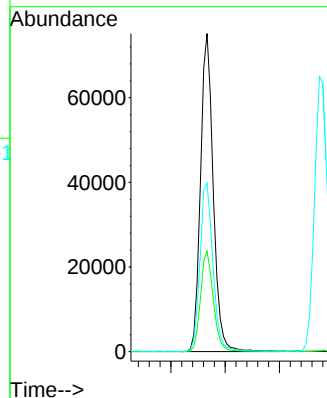
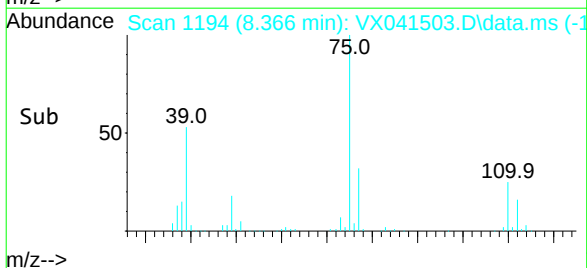
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

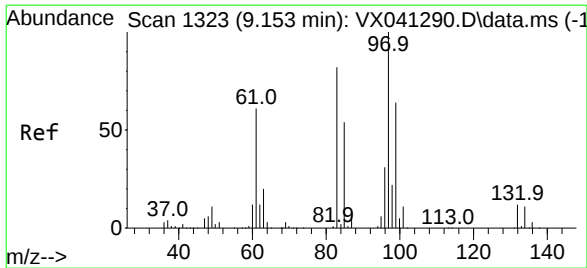


#54
cis-1,3-Dichloropropene
Concen: 62.287 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



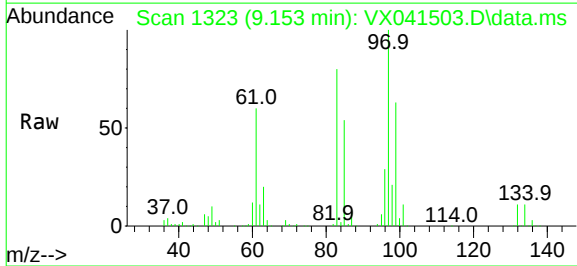
Tgt Ion: 75 Resp: 122629
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 52.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 65.149 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

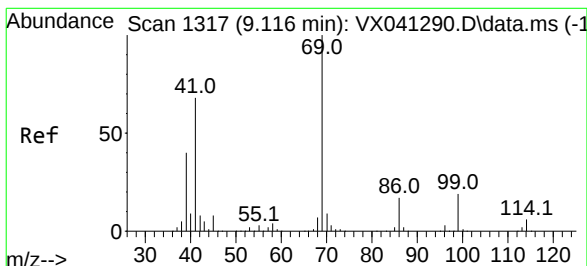
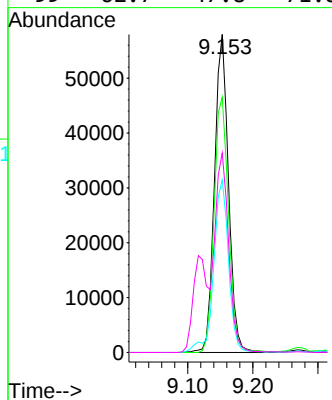
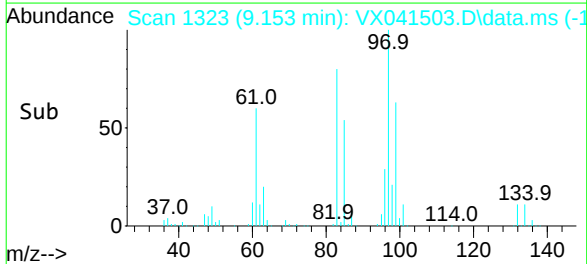
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion:	97	Resp:	86716
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.8	98.8
85	54.3	41.6	62.4
99	62.7	47.8	71.8

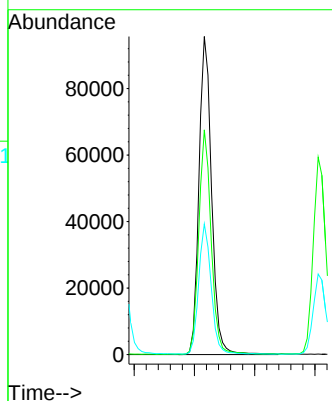
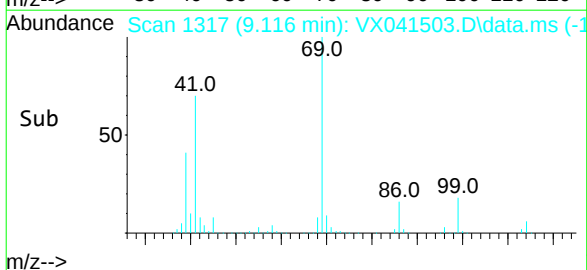
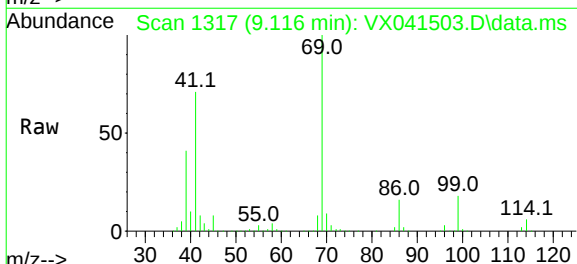
Manual Integrations
APPROVED

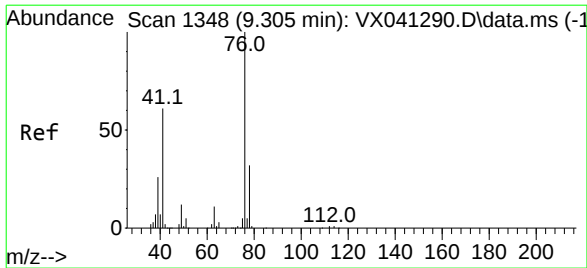
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#56
Ethyl methacrylate
Concen: 67.592 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion:	69	Resp:	139238
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.8	85.2
39	40.1	32.0	48.0





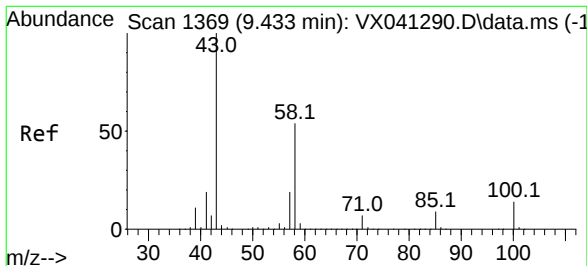
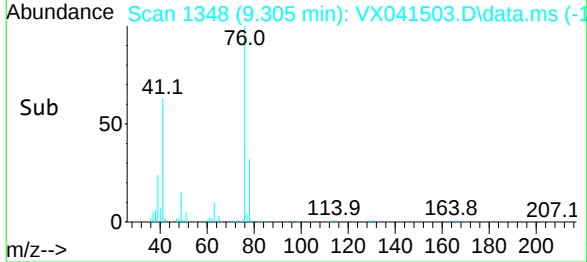
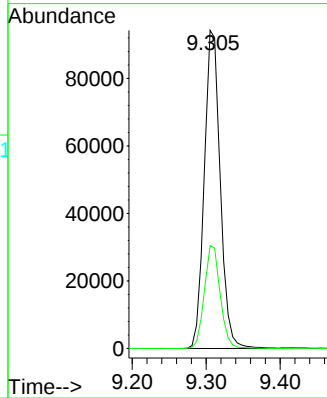
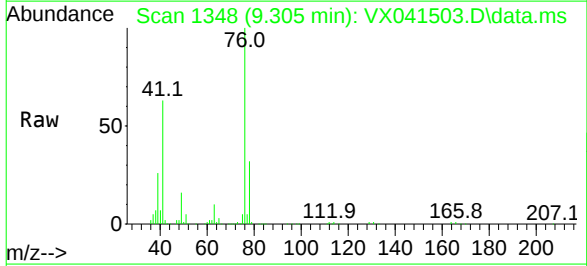
#57
1,3-Dichloropropane
Concen: 63.558 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 76 Resp: 141191
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

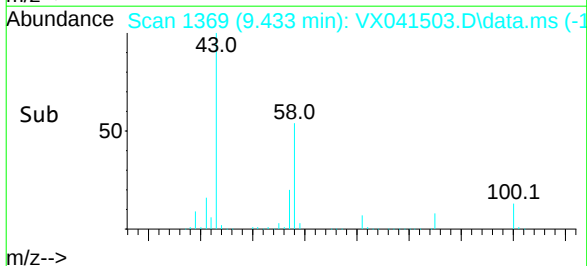
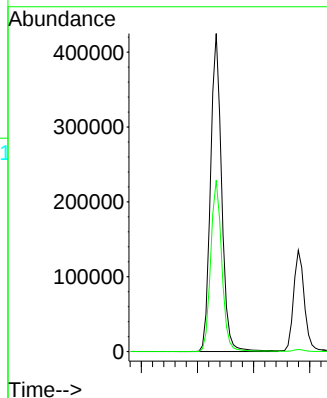
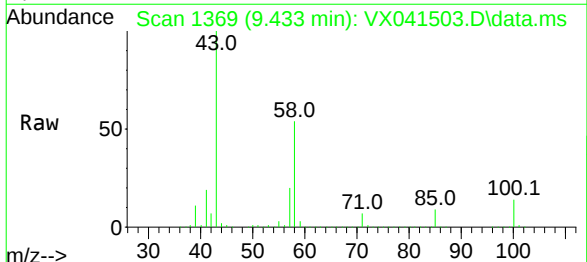
Manual Integrations
APPROVED

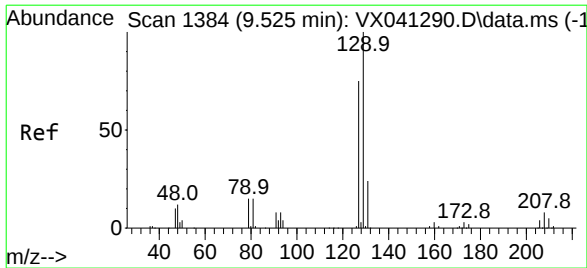
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#59
2-Hexanone
Concen: 353.803 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

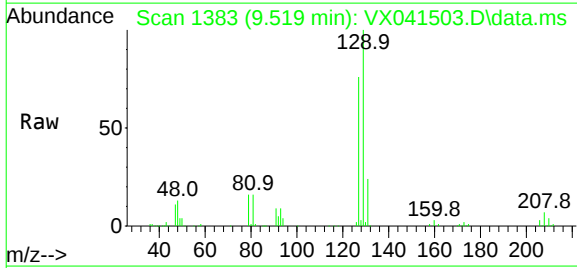
Tgt Ion: 43 Resp: 583716
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5





#60
Dibromochloromethane
Concen: 63.765 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

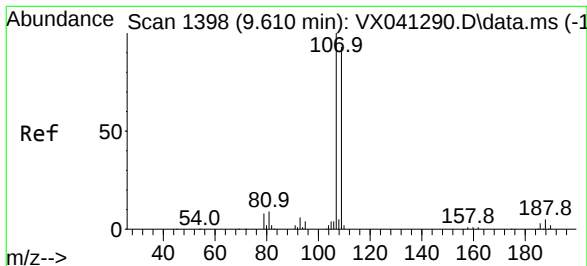
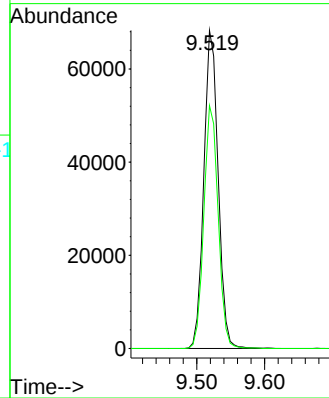
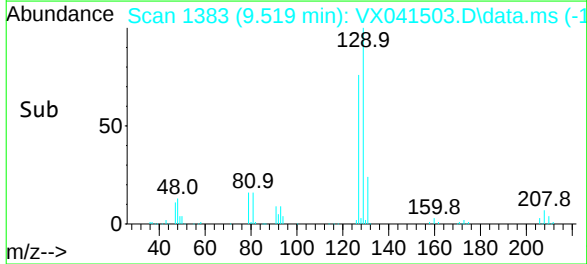
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion:129 Resp: 99918
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

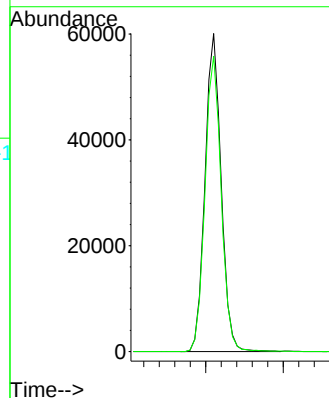
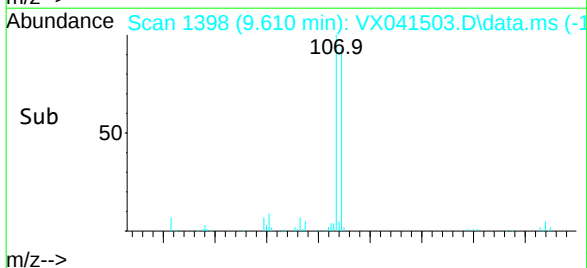
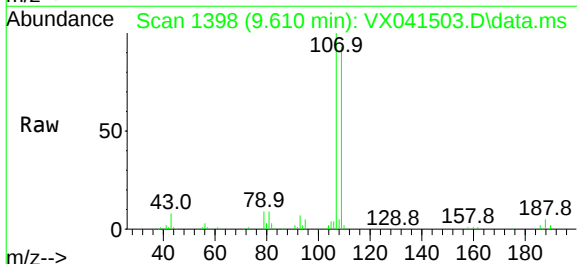
Manual Integrations
APPROVED

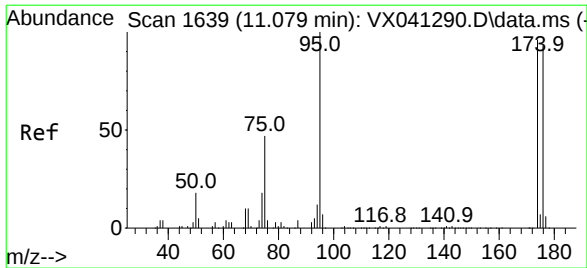
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#61
1,2-Dibromoethane
Concen: 59.223 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

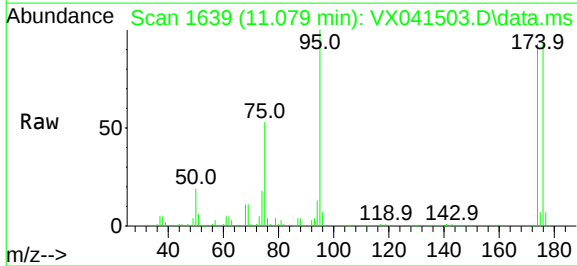
Tgt Ion:107 Resp: 86724
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

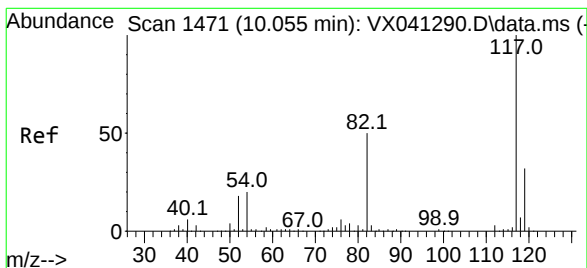
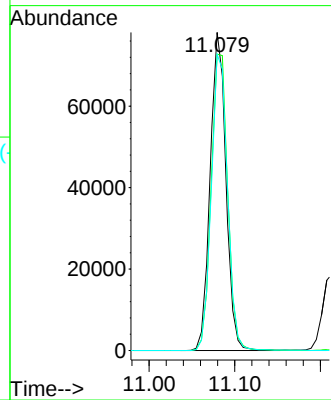
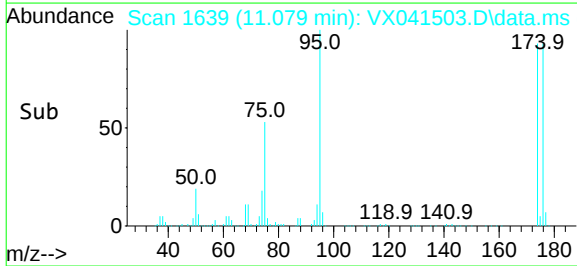
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion: 95 Resp: 99705
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 95.8 0.0 131.0

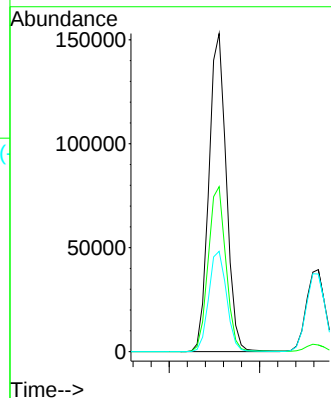
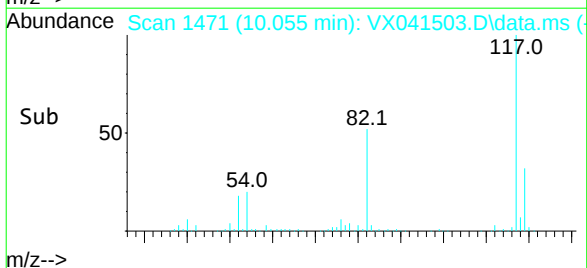
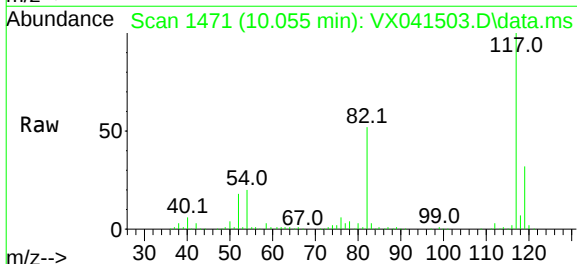
Manual Integrations
APPROVED

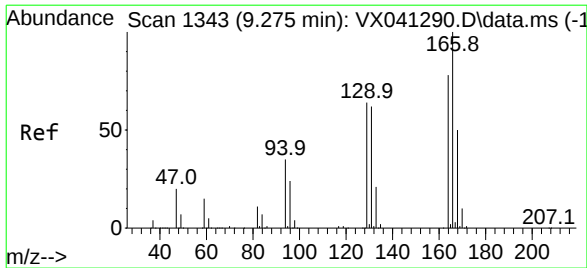
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion:117 Resp: 204731
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 31.5 25.5 38.3





#64

Tetrachloroethene

Concen: 54.273 ug/l

RT: 9.275 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041503.D

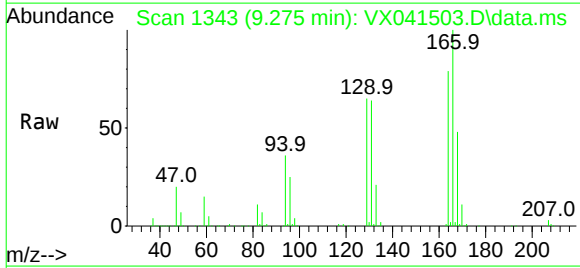
Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD



Tgt Ion:164 Resp: 80462

Ion Ratio Lower Upper

164 100

166 126.8 102.7 154.1

129 82.4 80.4 120.6

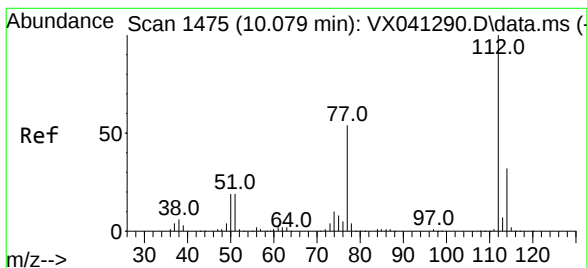
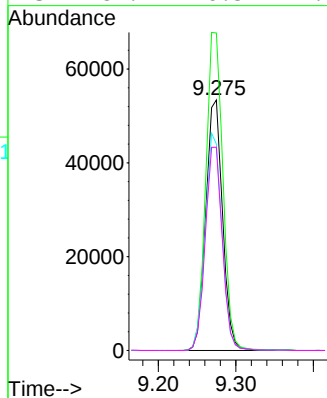
131 81.1 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#65

Chlorobenzene

Concen: 58.332 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041503.D

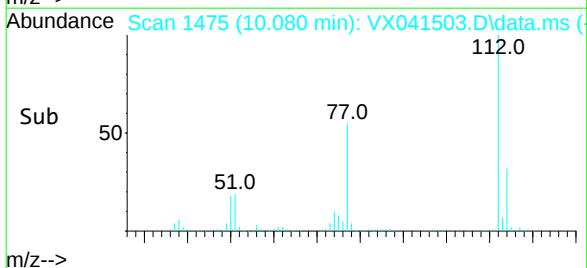
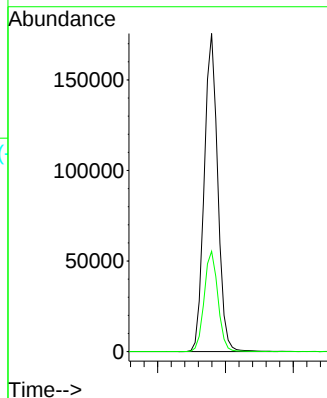
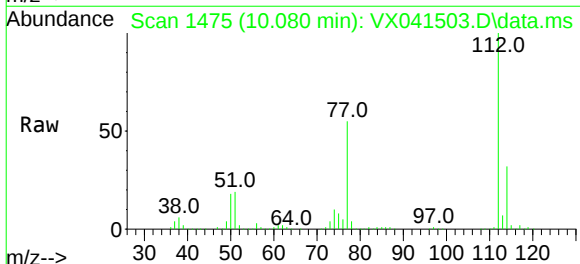
Acq: 13 May 2024 19:17

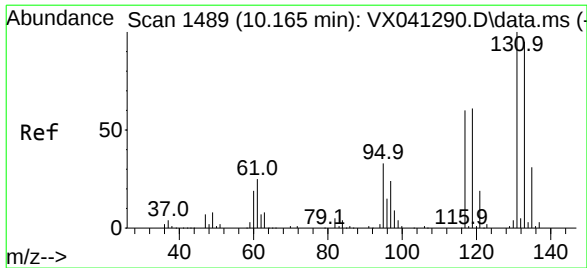
Tgt Ion:112 Resp: 242433

Ion Ratio Lower Upper

112 100

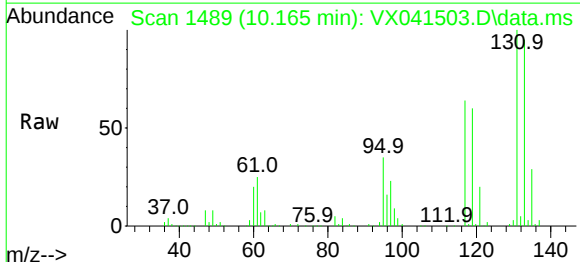
114 31.5 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 59.902 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

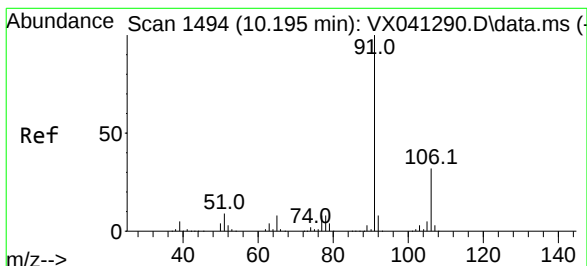
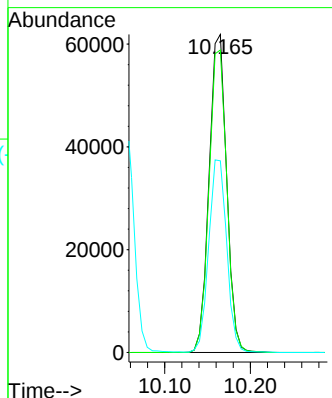
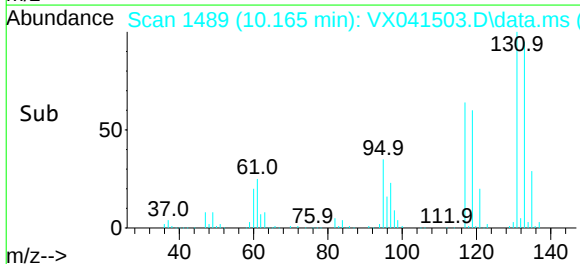
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



Tgt Ion: 131 Resp: 87967
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 62.4 32.2 96.6

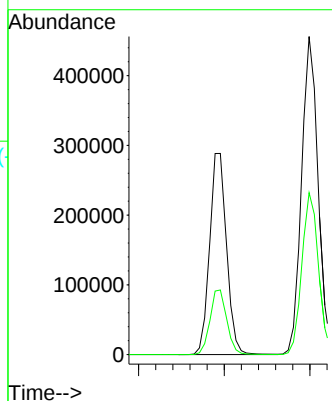
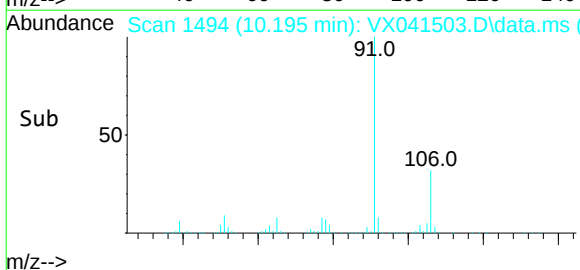
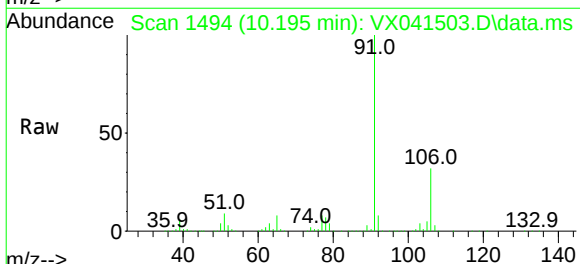
Manual Integrations
APPROVED

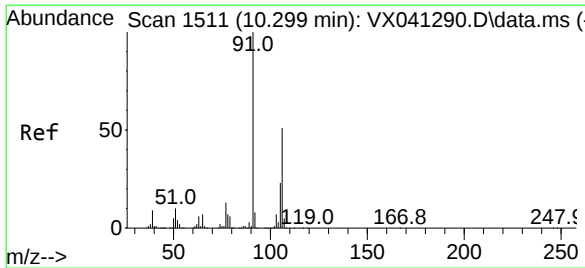
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#67
Ethyl Benzene
Concen: 57.817 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

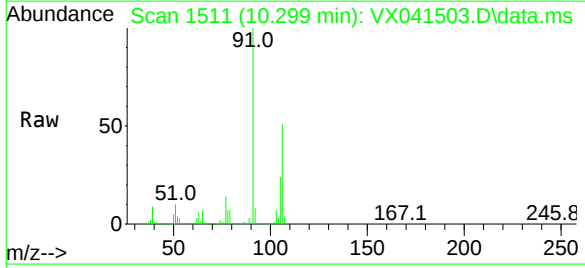
Tgt Ion: 91 Resp: 396454
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3





#68
m/p-Xylenes
Concen: 114.150 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

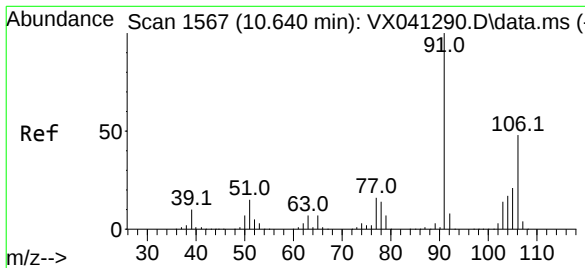
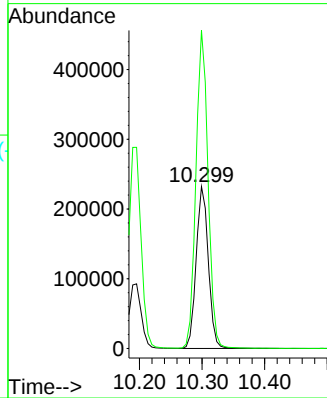
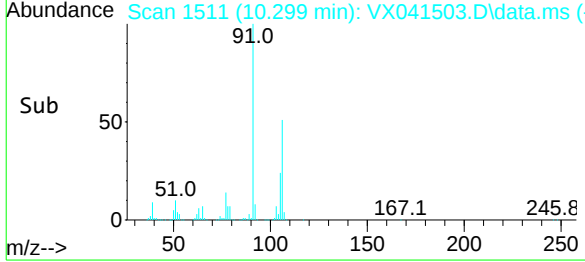
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



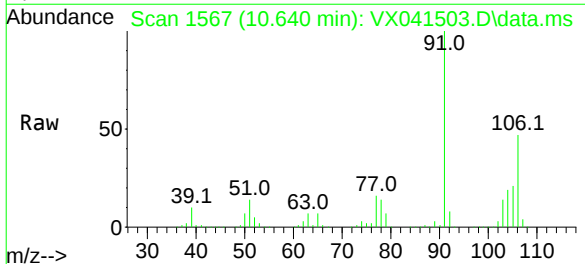
Tgt Ion:106 Resp: 313446
Ion Ratio Lower Upper
106 100
91 194.9 165.5 248.3

Manual Integrations
APPROVED

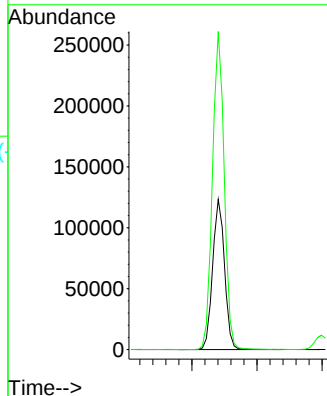
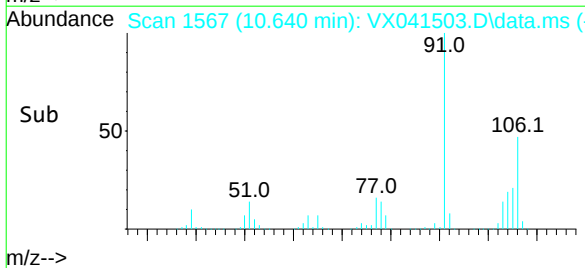
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

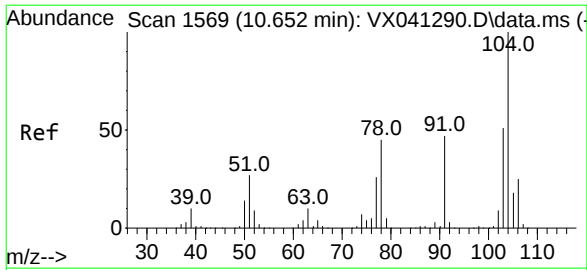


#69
o-Xylene
Concen: 59.569 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion:106 Resp: 156617
Ion Ratio Lower Upper
106 100
91 208.7 108.9 326.8





#70

Styrene

Concen: 61.181 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

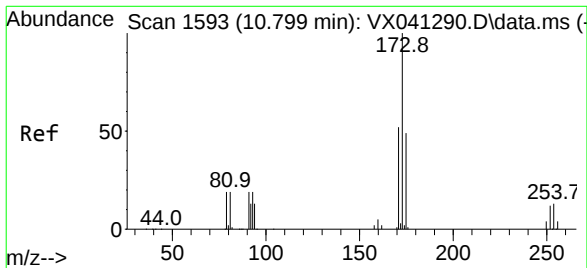
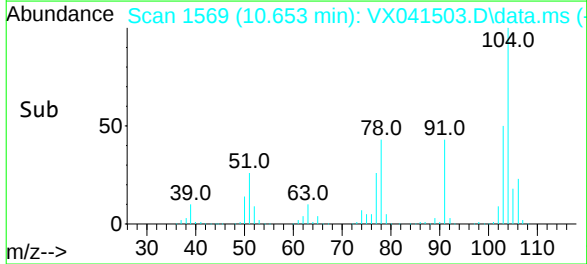
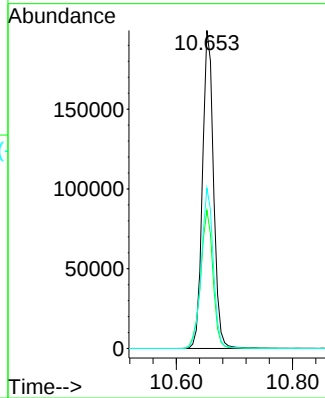
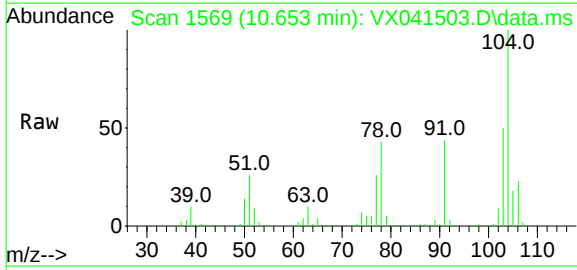
Tgt Ion:	104	Resp:	263950
Ion	Ratio	Lower	Upper
104	100		
78	48.1	43.6	65.4
103	54.6	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#71

Bromoform

Concen: 61.293 ug/l

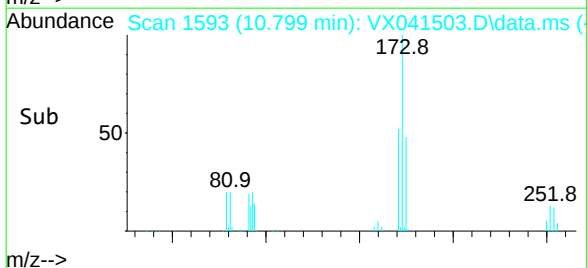
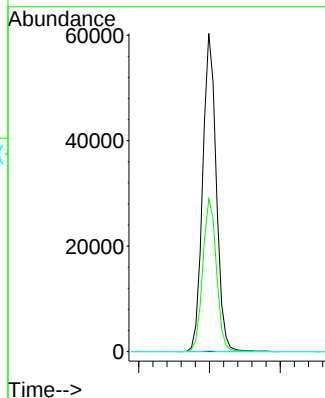
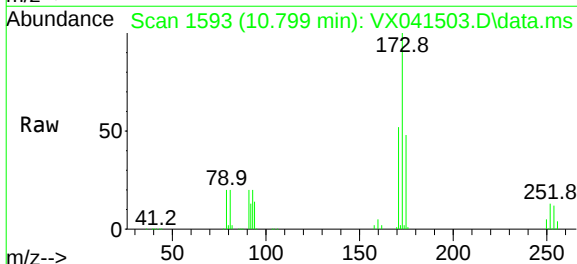
RT: 10.799 min Scan# 1593

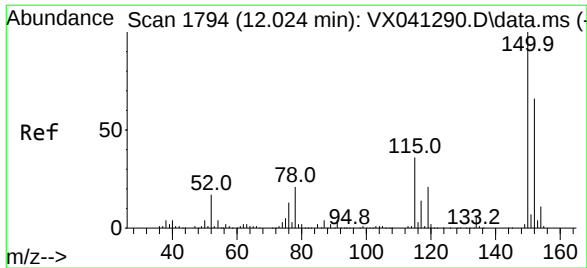
Delta R.T. -0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion:	173	Resp:	80553
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.1	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

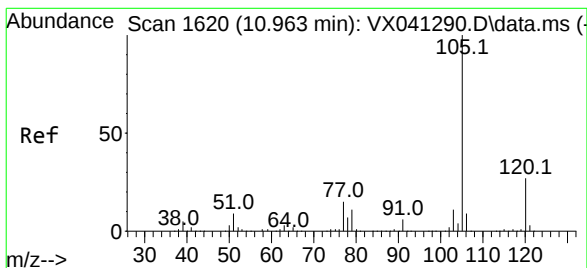
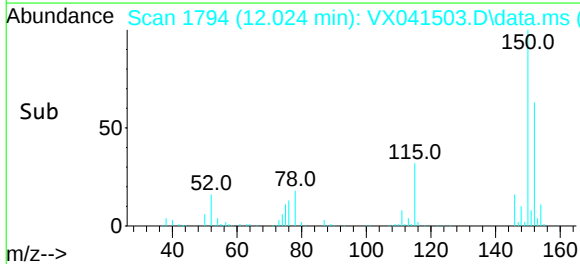
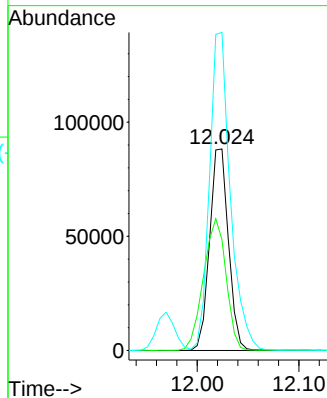
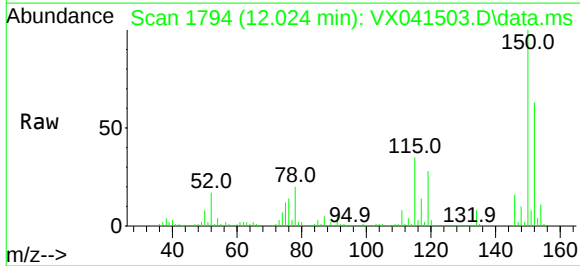
Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	43.3	129.9
150	173.3	0.0	345.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#73

Isopropylbenzene

Concen: 57.623 ug/l

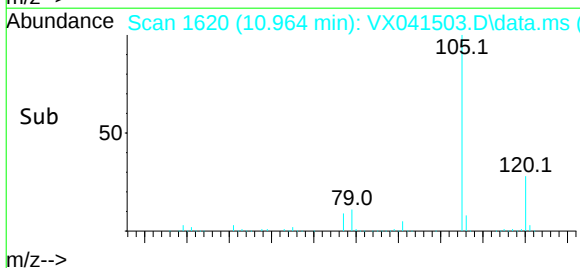
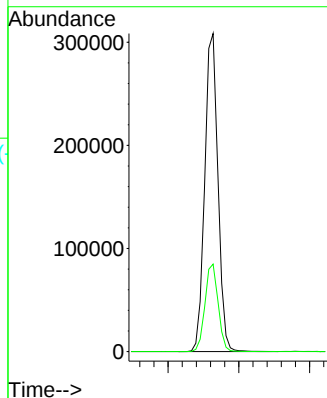
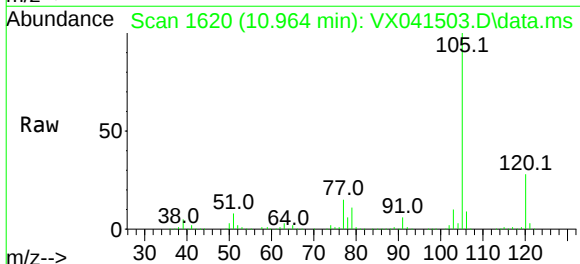
RT: 10.964 min Scan# 1620

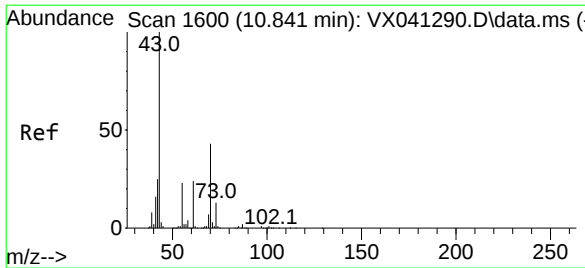
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	12.9	38.6





#74

N-amyI acetate

Concen: 59.611 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

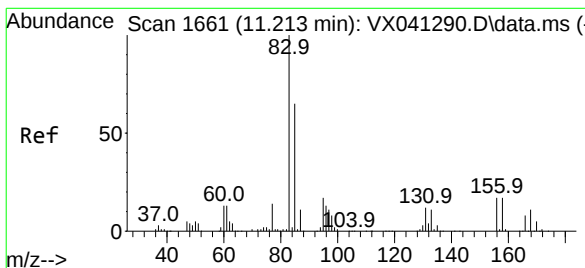
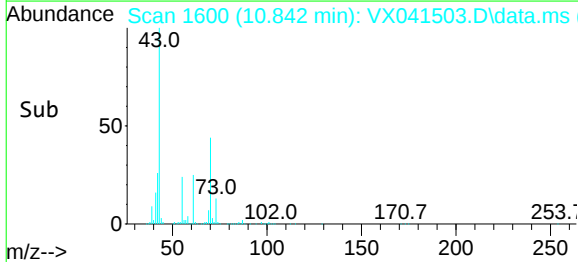
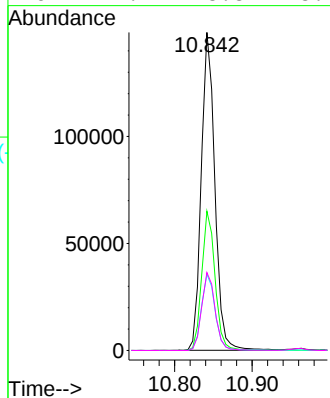
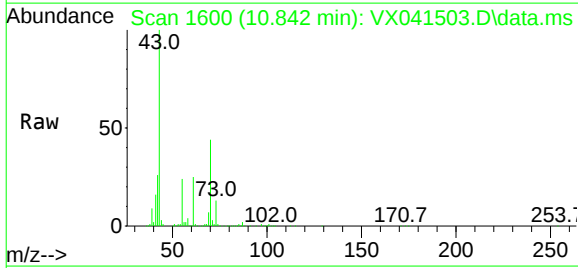
Tgt Ion:	43	Resp:	180920
Ion	Ratio	Lower	Upper
43	100		
70	43.2	32.9	49.3
55	24.4	19.3	28.9
61	24.4	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 63.227 ug/l

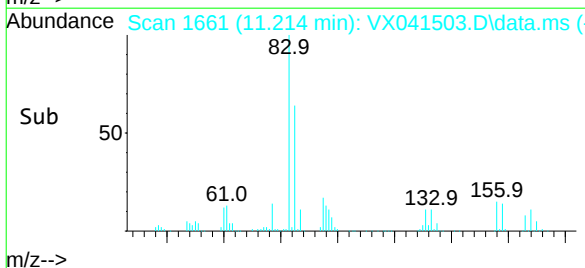
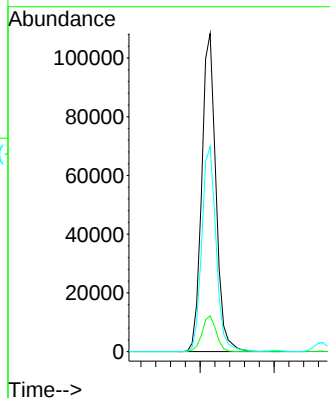
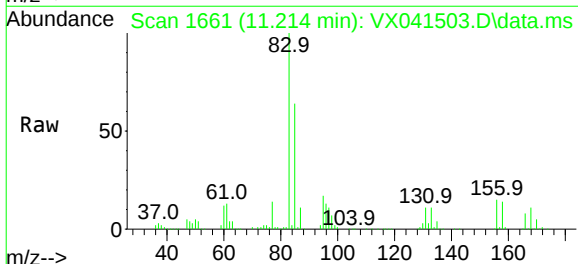
RT: 11.214 min Scan# 1661

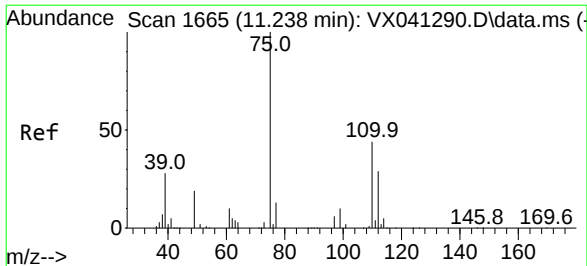
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion:	83	Resp:	143926
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	65.1	32.0	96.2





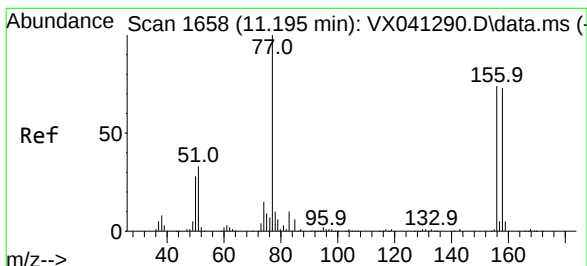
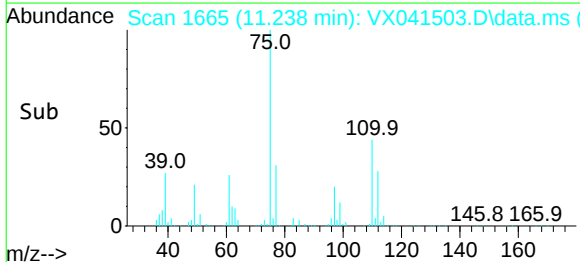
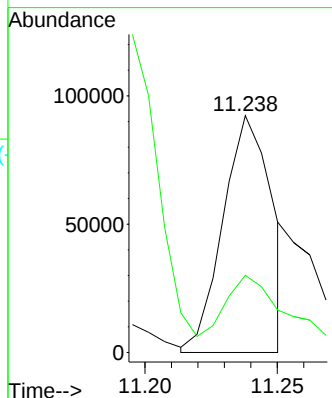
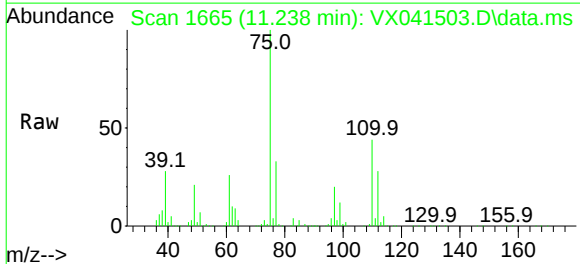
#76
1,2,3-Trichloropropane
Concen: 63.862 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 75 Resp: 118443
Ion Ratio Lower Upper
75 100
77 43.4 19.1 57.5

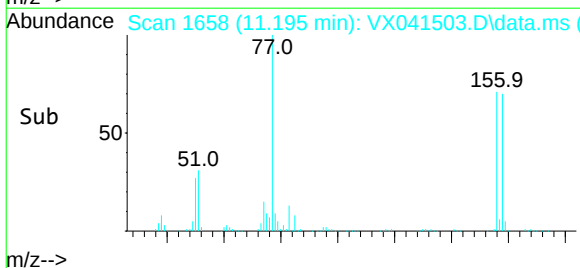
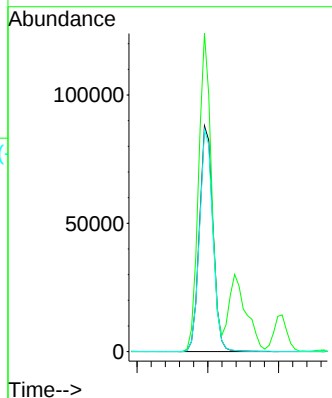
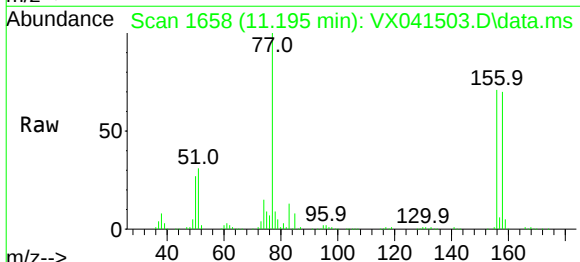
Manual Integrations
APPROVED

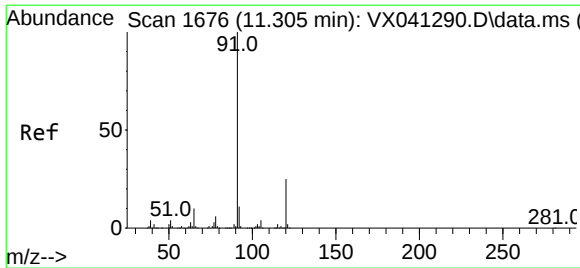
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#77
Bromobenzene
Concen: 59.750 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion:156 Resp: 117150
Ion Ratio Lower Upper
156 100
77 133.9 88.4 265.3
158 97.3 48.0 144.0





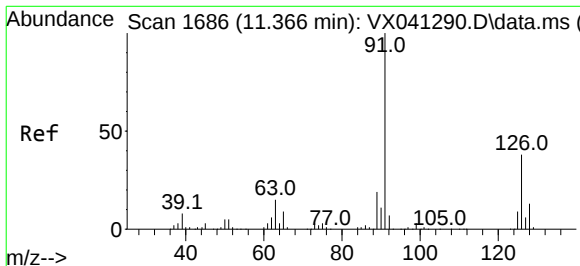
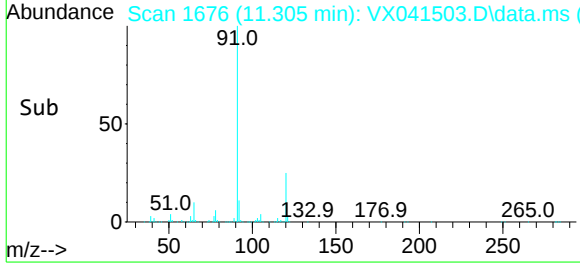
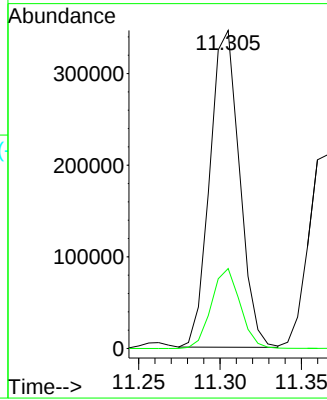
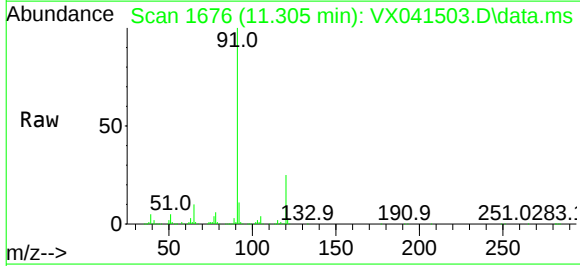
#78
n-propylbenzene
Concen: 60.277 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 91 Resp: 439799
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4

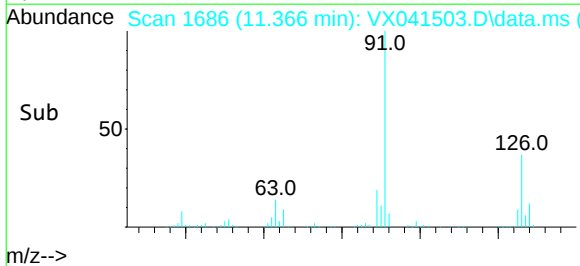
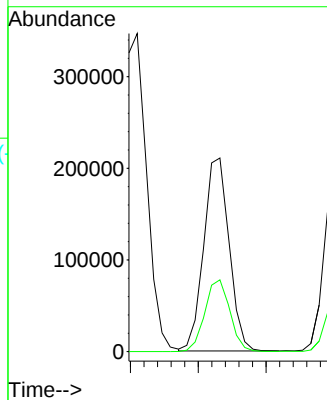
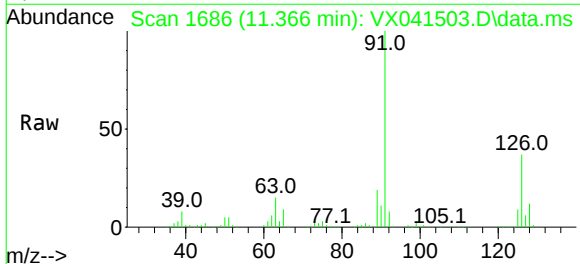
Manual Integrations
APPROVED

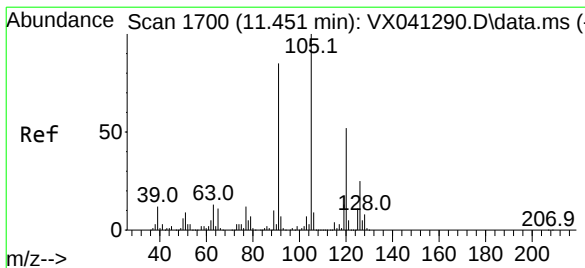
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#79
2-Chlorotoluene
Concen: 58.420 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion: 91 Resp: 274683
Ion Ratio Lower Upper
91 100
126 36.6 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 57.634 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion: 105 Resp: 326387

Ion Ratio Lower Upper

105 100

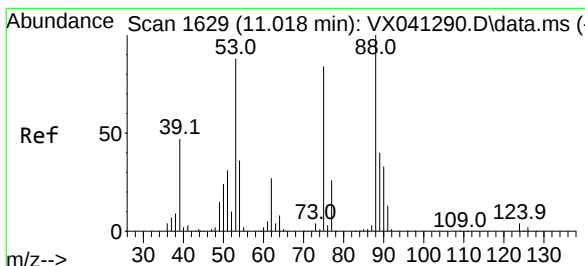
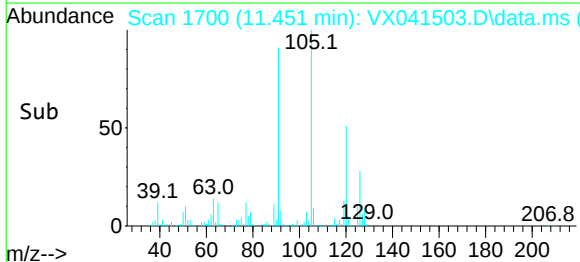
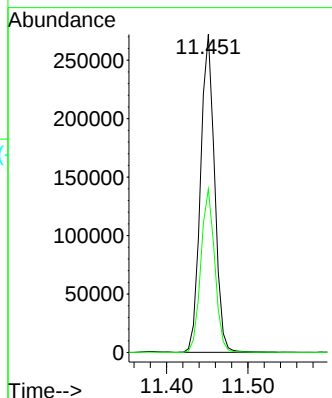
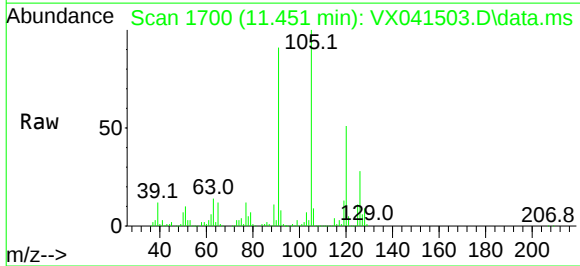
120 51.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/14/2024

Supervised By : Mahesh Dadoda 05/14/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 61.381 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

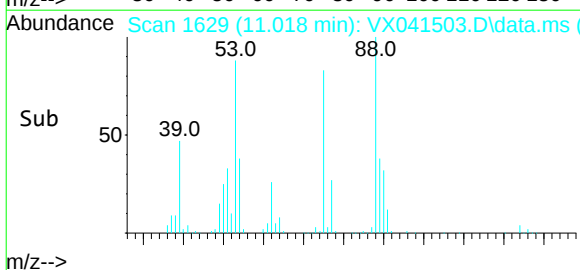
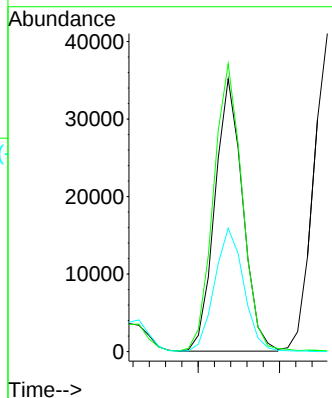
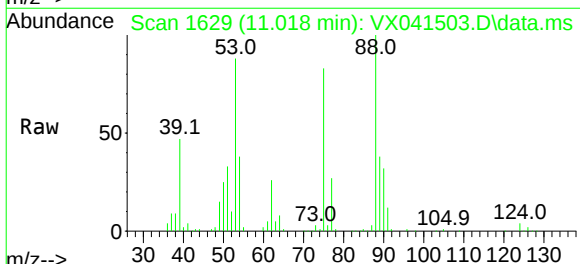
Tgt Ion: 75 Resp: 41794

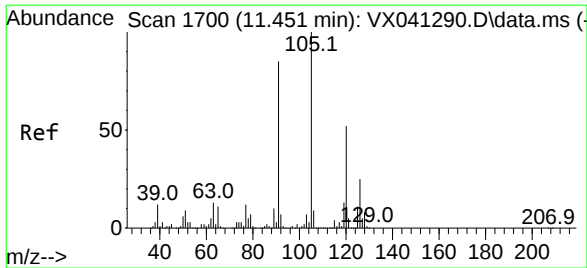
Ion Ratio Lower Upper

75 100

53 109.9 90.5 135.7

89 47.5 36.9 55.3





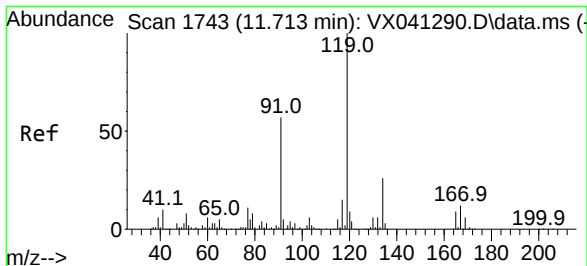
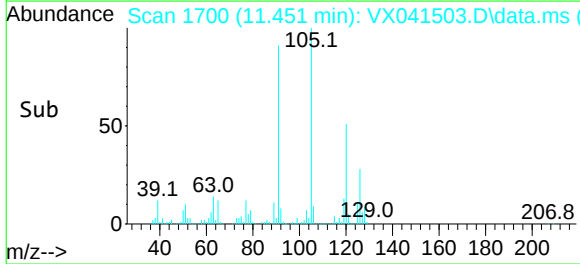
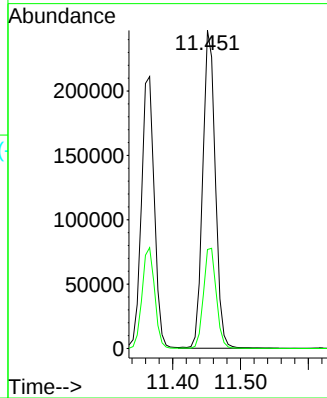
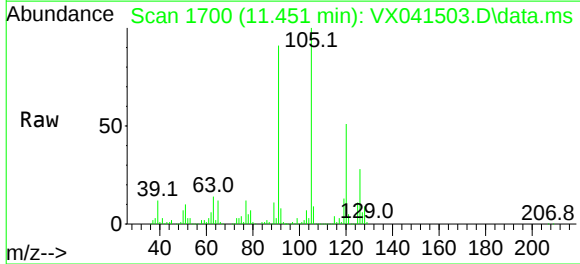
#82
4-Chlorotoluene
Concen: 59.310 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD

Tgt Ion: 91 Resp: 316589
Ion Ratio Lower Upper
91 100
126 32.3 14.2 42.6

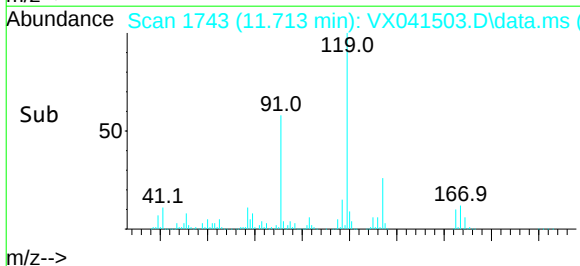
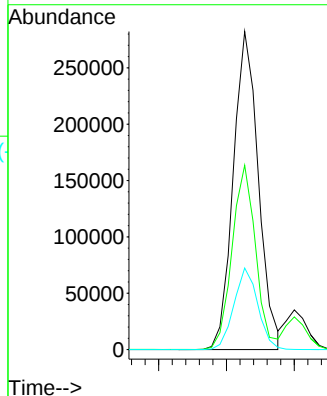
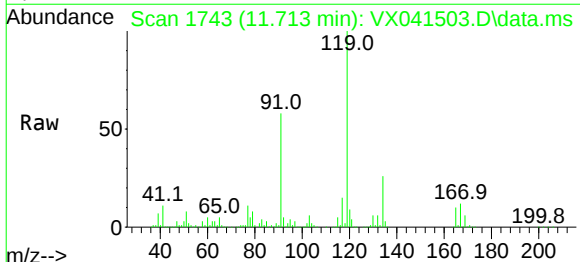
Manual Integrations
APPROVED

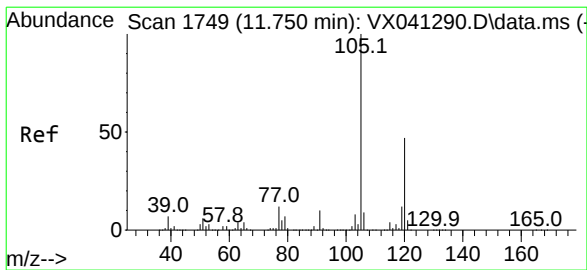
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#83
tert-Butylbenzene
Concen: 59.854 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Tgt Ion:119 Resp: 362977
Ion Ratio Lower Upper
119 100
91 54.5 31.2 93.6
134 24.5 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 58.743 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion:105 Resp: 334727

Ion Ratio Lower Upper

105 100

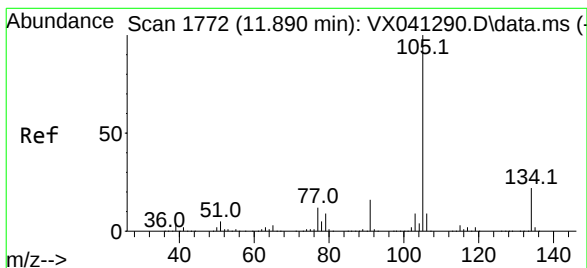
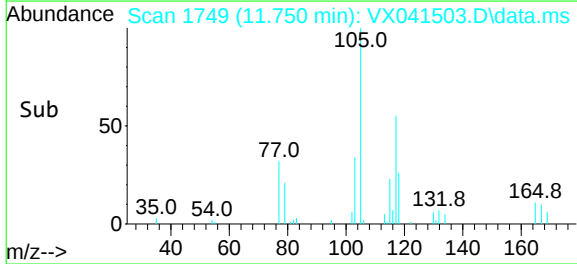
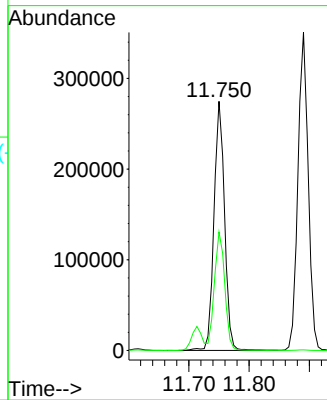
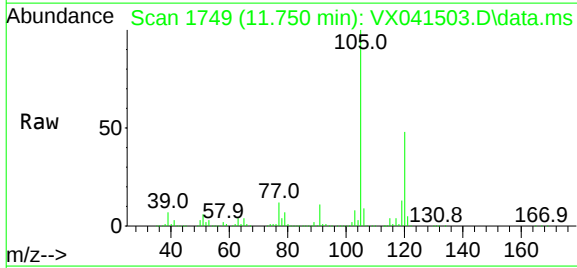
120 46.6 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#85

sec-Butylbenzene

Concen: 59.900 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041503.D

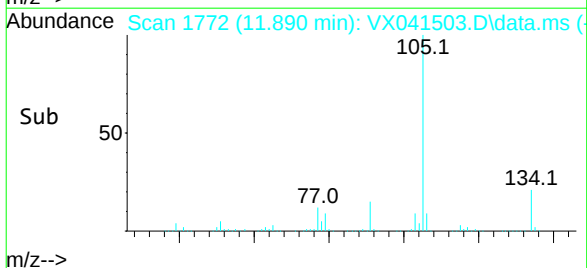
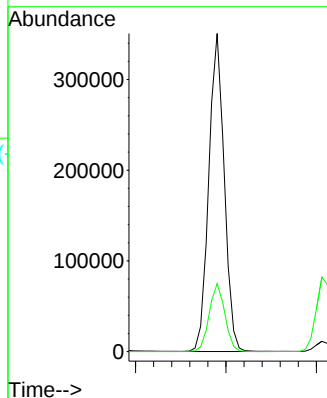
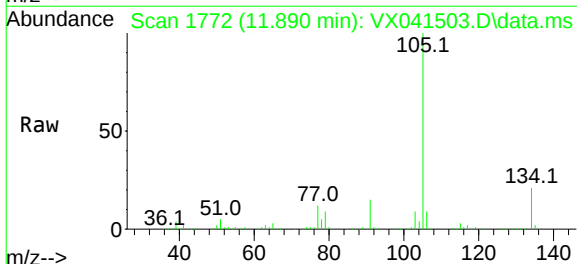
Acq: 13 May 2024 19:17

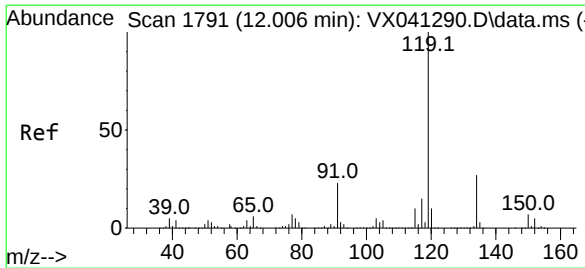
Tgt Ion:105 Resp: 416288

Ion Ratio Lower Upper

105 100

134 21.6 9.8 29.4





#86

p-Isopropyltoluene

Concen: 58.265 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

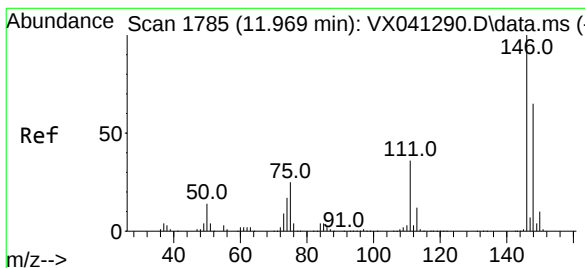
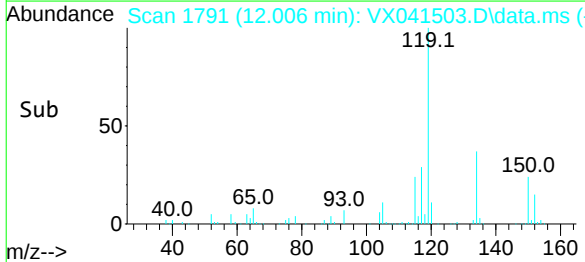
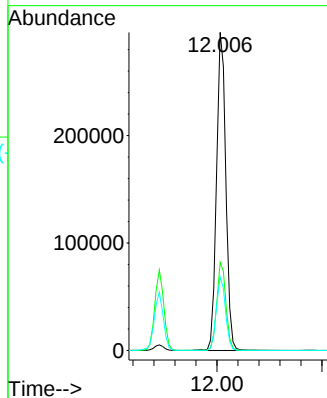
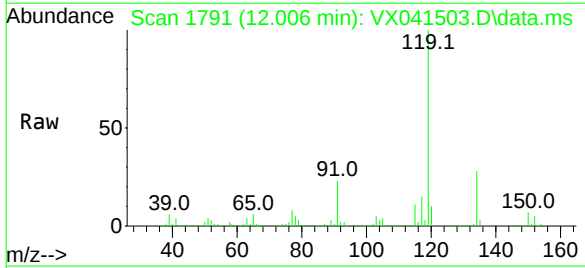
Tgt Ion:	119	Resp:	363665
Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.8	38.3
91	22.8	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#87

1,3-Dichlorobenzene

Concen: 58.373 ug/l

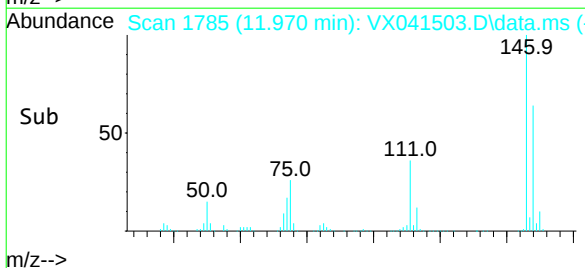
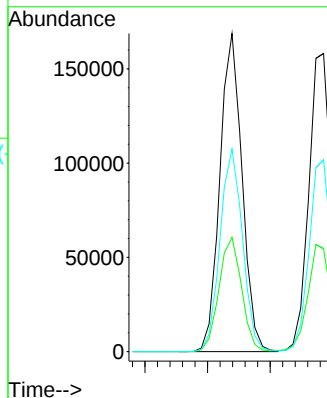
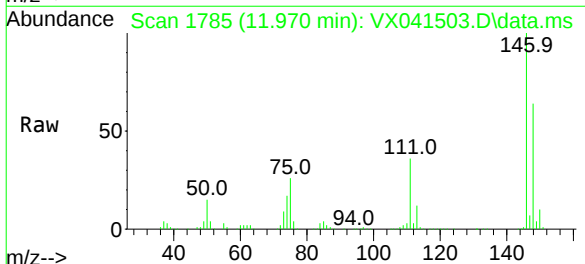
RT: 11.970 min Scan# 1785

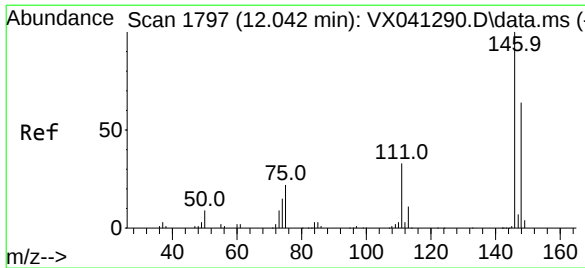
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

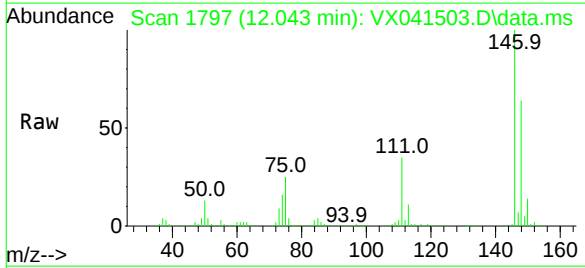
Tgt Ion:	146	Resp:	208031
Ion	Ratio	Lower	Upper
146	100		
111	36.6	22.1	66.1
148	64.5	31.8	95.3





#88
1,4-Dichlorobenzene
Concen: 55.418 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

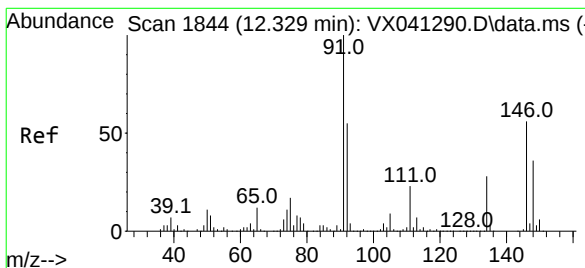
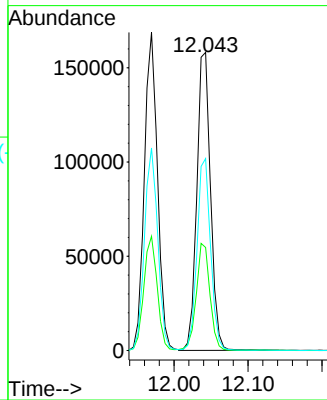
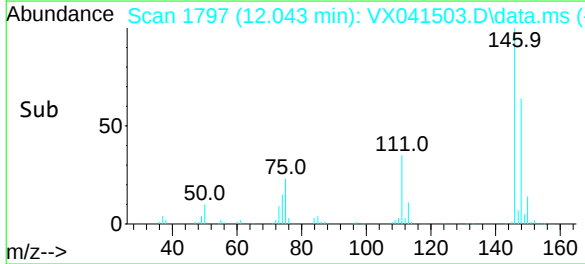
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



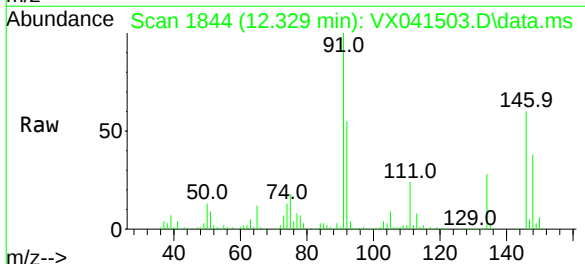
Tgt Ion:146 Resp: 203478
Ion Ratio Lower Upper
146 100
111 35.8 21.3 63.7
148 63.6 31.8 95.4

Manual Integrations
APPROVED

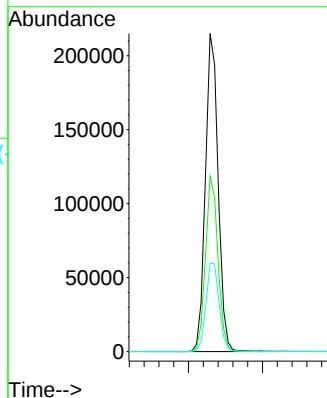
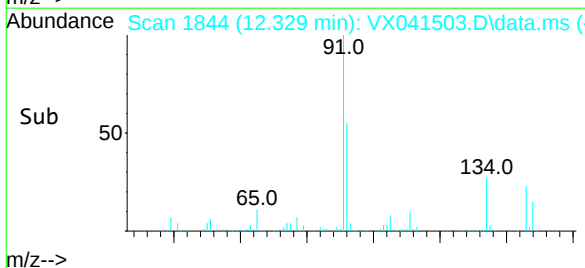
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

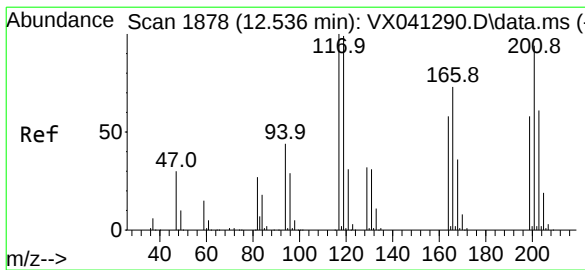


#89
n-Butylbenzene
Concen: 51.239 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion: 91 Resp: 257166
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 28.8 12.6 37.8





#90

Hexachloroethane

Concen: 55.060 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion:117 Resp: 57472

Ion Ratio Lower Upper

117 100

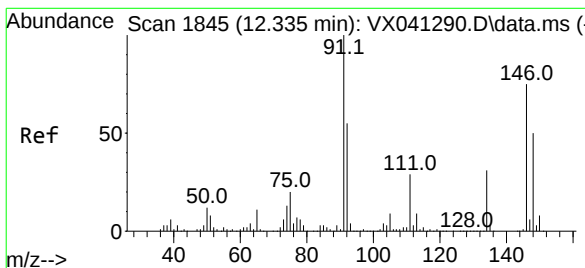
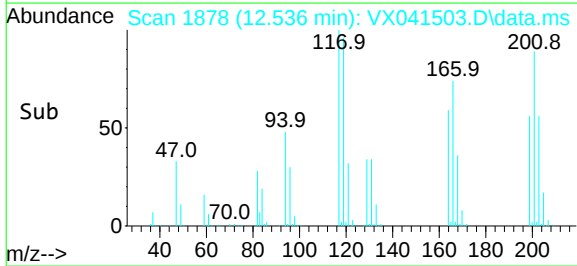
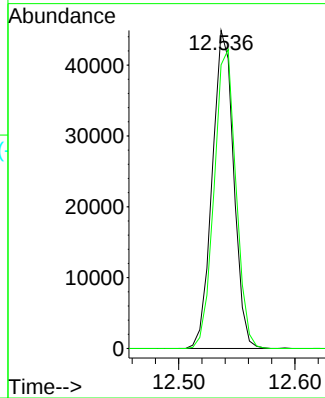
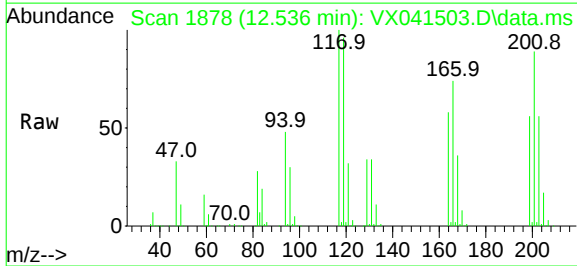
201 95.4 32.9 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#91

1,2-Dichlorobenzene

Concen: 51.643 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

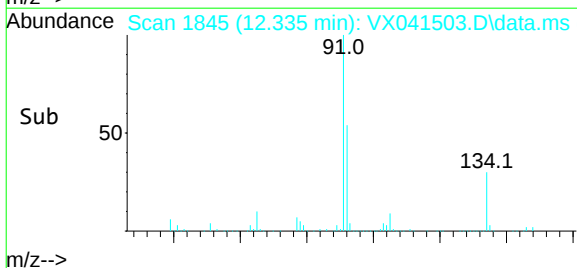
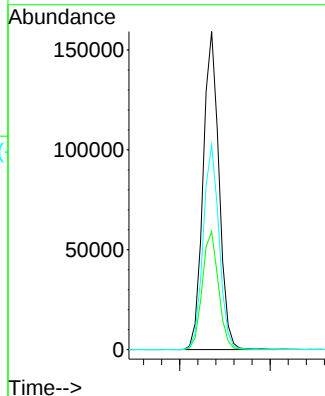
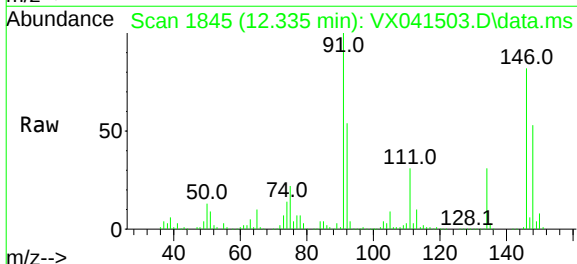
Tgt Ion:146 Resp: 194398

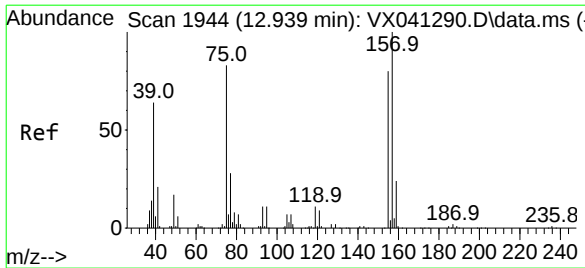
Ion Ratio Lower Upper

146 100

111 37.7 22.4 67.0

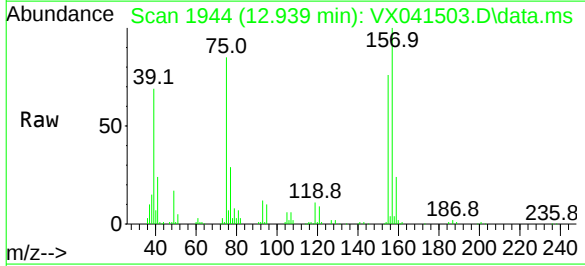
148 64.3 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 58.375 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

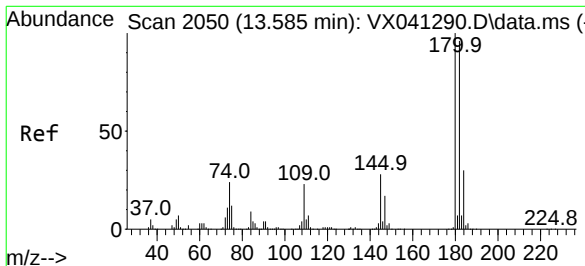
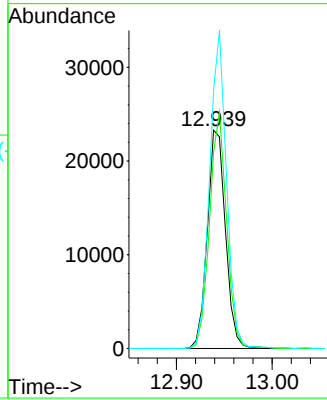
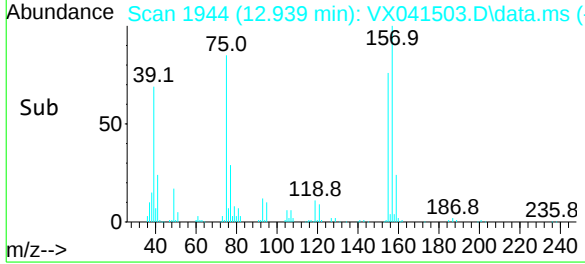
Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MSD



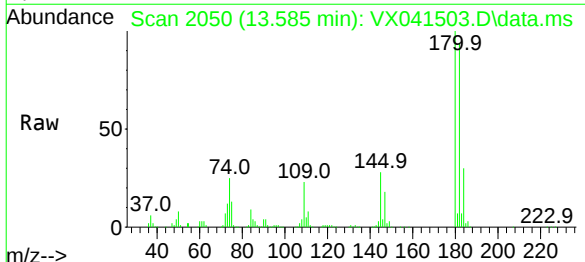
Tgt Ion: 75 Resp: 30706
Ion Ratio Lower Upper
75 100
155 101.7 36.1 108.5
157 134.9 44.9 134.7#

Manual Integrations
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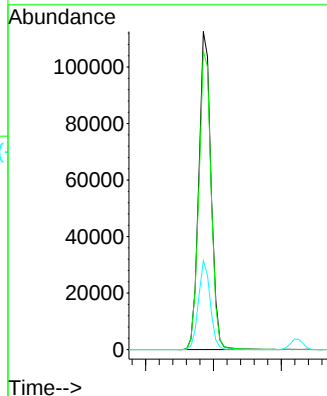
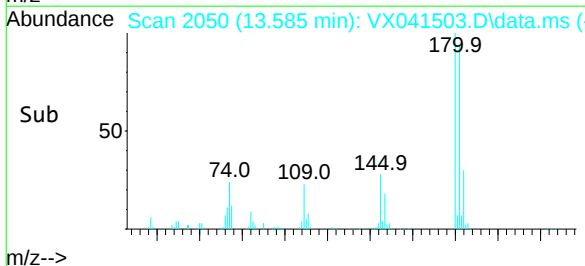
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

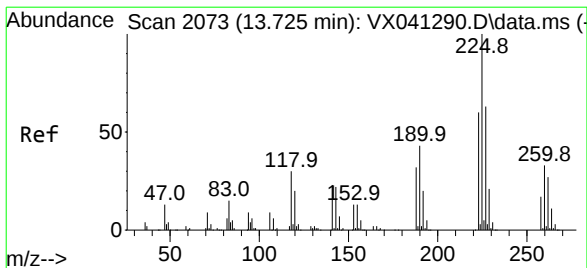


#93
1,2,4-Trichlorobenzene
Concen: 53.395 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17



Tgt Ion:180 Resp: 140493
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 26.9 18.0 54.0





#94

Hexachlorobutadiene

Concen: 49.644 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Instrument :

MSVOA_X

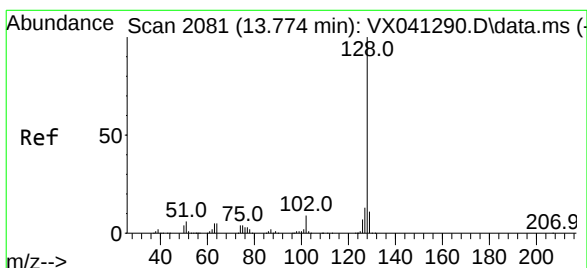
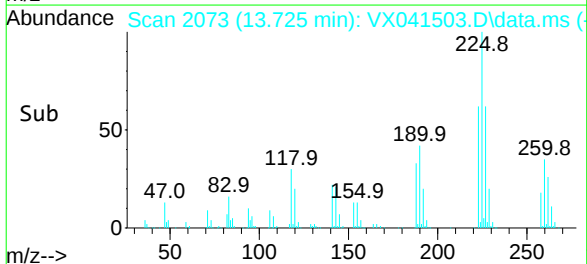
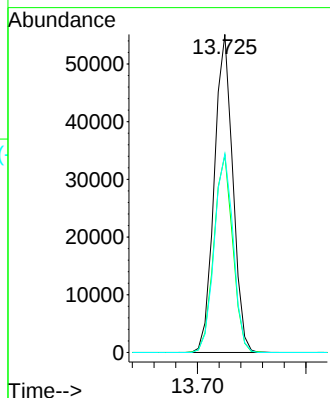
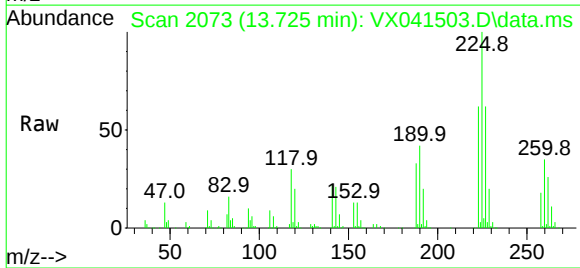
ClientSampleId :

RMW-01B-83-050924MSD

Tgt Ion:	225	Resp:	65230
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.1	93.2
227	63.7	32.5	97.5

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Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#95

Naphthalene

Concen: 58.993 ug/l

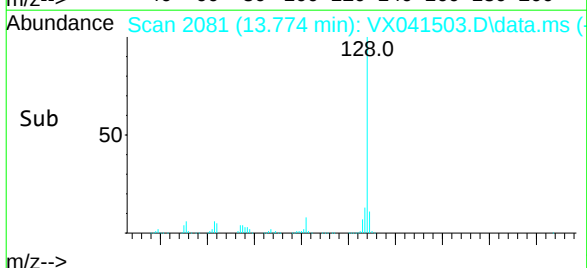
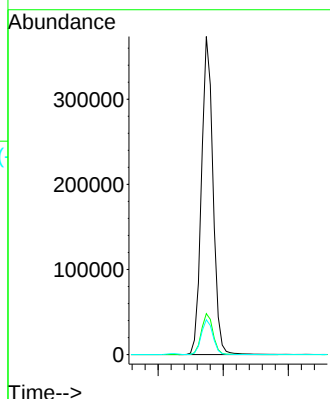
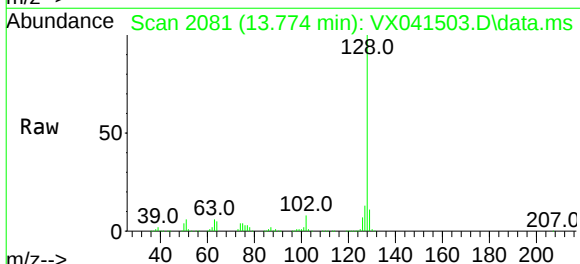
RT: 13.774 min Scan# 2081

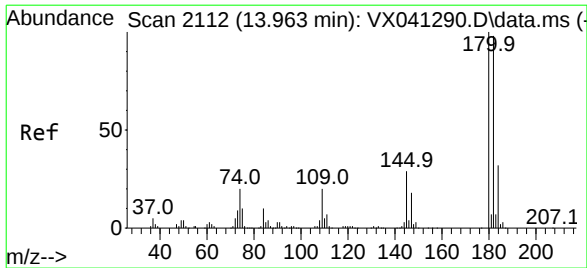
Delta R.T. 0.000 min

Lab File: VX041503.D

Acq: 13 May 2024 19:17

Tgt Ion:	128	Resp:	459991
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 54.117 ug/l
RT: 13.957 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX041503.D
Acq: 13 May 2024 19:17

Instrument : MSVOA_X
ClientSampleId : RMW-01B-83-050924MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	29.1	17.8	53.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

