

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044107.D
 Acq On : 03 Dec 2024 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 04 00:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	109868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	214840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87967	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97676	51.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	5.379	113	70109	45.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.646	98	236548	44.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.400%
62) 4-Bromofluorobenzene	11.079	95	87932	48.826	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60573	43.520	ug/l	96
3) Chloromethane	1.294	50	64419	43.982	ug/l	100
4) Vinyl Chloride	1.373	62	72568	46.581	ug/l	95
5) Bromomethane	1.593	94	50815	53.022	ug/l	99
6) Chloroethane	1.666	64	46830	49.333	ug/l	99
7) Trichlorofluoromethane	1.867	101	137303	49.296	ug/l	99
8) Diethyl Ether	2.135	74	53976	53.170	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	64558	48.592	ug/l	96
10) Methyl Iodide	2.440	142	84951	51.197	ug/l	96
11) Tert butyl alcohol	2.995	59	78452	259.374	ug/l	96
12) 1,1-Dichloroethene	2.306	96	61759	48.783	ug/l	96
13) Acrolein	2.233	56	97260	305.070	ug/l	96
14) Allyl chloride	2.654	41	113204	54.724	ug/l	97
15) Acrylonitrile	3.062	53	200820	272.449	ug/l	98
16) Acetone	2.385	43	196079	226.550	ug/l	97
17) Carbon Disulfide	2.501	76	102489	39.246	ug/l	99
18) Methyl Acetate	2.702	43	119415	59.247	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	265617	57.783	ug/l	98
20) Methylene Chloride	2.782	84	73542	50.071	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	64297	49.192	ug/l	96
22) Diisopropyl ether	3.763	45	253922	57.404	ug/l	96
23) Vinyl Acetate	3.720	43	1065753	281.651	ug/l	100
24) 1,1-Dichloroethane	3.605	63	138664	54.339	ug/l	99
25) 2-Butanone	4.562	43	298003	266.844	ug/l	99
26) 2,2-Dichloropropane	4.470	77	116236	50.437	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	84885	52.539	ug/l	98
28) Bromochloromethane	4.897	49	58309	51.911	ug/l	99
29) Tetrahydrofuran	5.007	42	187088	273.261	ug/l	99
30) Chloroform	5.086	83	153414	55.897	ug/l	100
31) Cyclohexane	5.458	56	96071	45.743	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	130890	55.302	ug/l	100
36) 1,1-Dichloropropene	5.683	75	89251	46.656	ug/l	98
37) Ethyl Acetate	4.714	43	121488	51.161	ug/l	97
38) Carbon Tetrachloride	5.671	117	100912	46.947	ug/l	99
39) Methylcyclohexane	7.378	83	104551	42.070	ug/l	97
40) Benzene	6.031	78	280881	47.137	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
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Manual Integrations
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Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	65738	54.089	ug/l	96
42) 1,2-Dichloroethane	6.080	62	124255	51.921	ug/l	99
43) Isopropyl Acetate	6.342	43	199132	52.693	ug/l	99
44) Trichloroethene	7.122	130	70079	41.544	ug/l	93
45) 1,2-Dichloropropane	7.427	63	74576	51.099	ug/l	99
46) Dibromomethane	7.579	93	59849	51.841	ug/l	95
47) Bromodichloromethane	7.817	83	106279	51.329	ug/l	98
48) Methyl methacrylate	7.689	41	93652	51.646	ug/l	98
49) 1,4-Dioxane	7.665	88	32888	1018.165	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	627669	272.168	ug/l	99
52) Toluene	8.713	92	173289	48.588	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111582	52.846	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	116812	50.466	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	75088	51.003	ug/l	98
56) Ethyl methacrylate	9.116	69	125432	54.699	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128343	51.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	313791	249.660	ug/l	99
59) 2-Hexanone	9.433	43	468792	270.449	ug/l	99
60) Dibromochloromethane	9.518	129	78726	53.296	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77904	52.332	ug/l	100
64) Tetrachloroethene	9.268	164	57008	46.862	ug/l	97
65) Chlorobenzene	10.079	112	191763	47.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	69792	53.110	ug/l	98
67) Ethyl Benzene	10.189	91	344031	50.107	ug/l	99
68) m/p-Xylenes	10.299	106	248942	97.225	ug/l	98
69) o-Xylene	10.640	106	124184	49.675	ug/l	94
70) Styrene	10.652	104	214033	51.764	ug/l	98
71) Bromoform	10.798	173	45631	45.999	ug/l #	100
73) Isopropylbenzene	10.963	105	326988	48.357	ug/l	98
74) N-amyl acetate	10.841	43	169294	54.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117237	50.635	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	96705m	50.130	ug/l	
77) Bromobenzene	11.195	156	77537	48.068	ug/l	97
78) n-propylbenzene	11.304	91	368334	48.772	ug/l	98
79) 2-Chlorotoluene	11.365	91	228741	47.899	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	274431	49.331	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32477	45.939	ug/l	92
82) 4-Chlorotoluene	11.451	91	265214	49.192	ug/l	100
83) tert-Butylbenzene	11.713	119	271637	49.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	279591	50.481	ug/l	99
85) sec-Butylbenzene	11.890	105	324935	48.097	ug/l	100
86) p-Isopropyltoluene	12.006	119	276368	50.361	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140865	47.948	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	143096	47.774	ug/l	97
89) n-Butylbenzene	12.329	91	241416	49.897	ug/l	100
90) Hexachloroethane	12.536	117	43099	46.187	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	142082	47.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	24070	51.882	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	82899	47.426	ug/l	98
94) Hexachlorobutadiene	13.725	225	30952	44.804	ug/l	98
95) Naphthalene	13.774	128	372432	59.190	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	87720	49.582	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

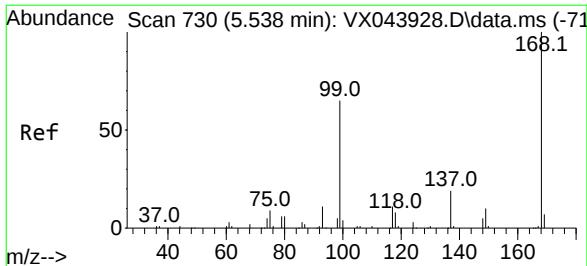
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 04 00:17:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

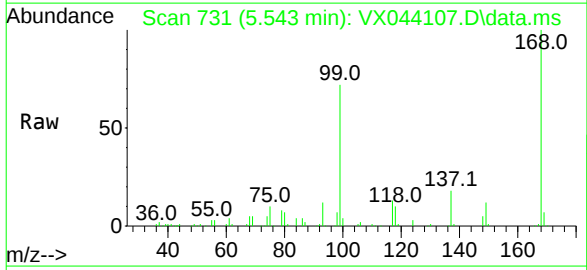
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

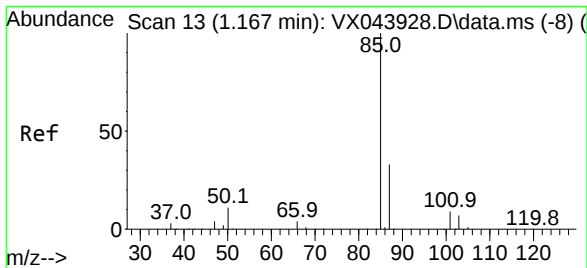
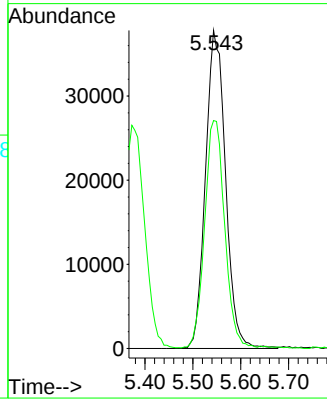
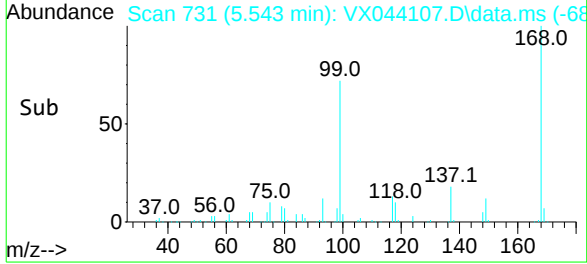
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 109868
Ion Ratio Lower Upper
168 100
99 71.4 51.8 77.8

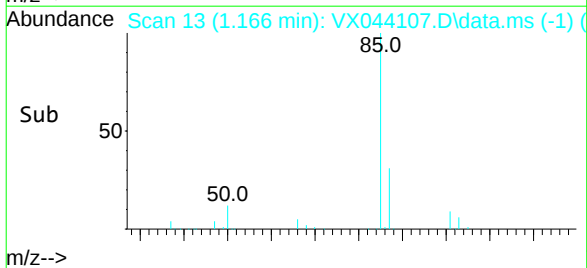
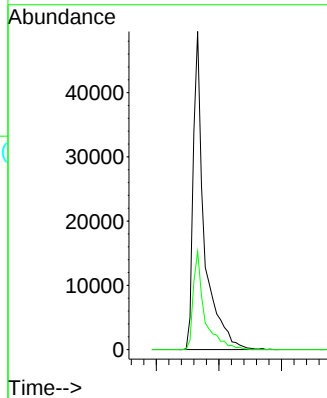
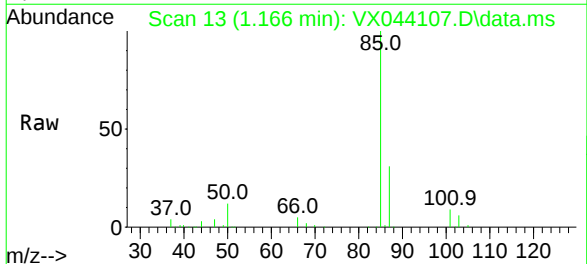
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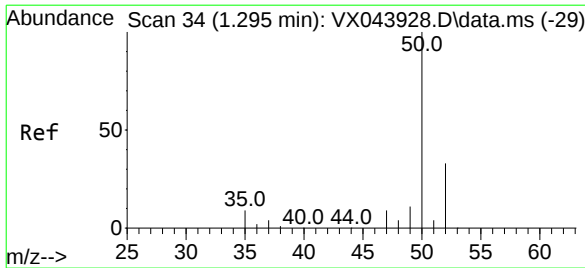
Reviewed By : John Carlone 12/04/2024
Supervised By : Mahesh Dadoda 12/04/2024



#2
Dichlorodifluoromethane
Concen: 43.520 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 85 Resp: 60573
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.8





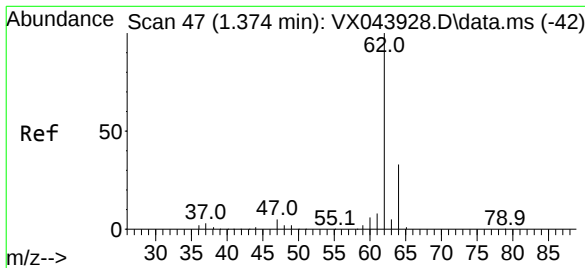
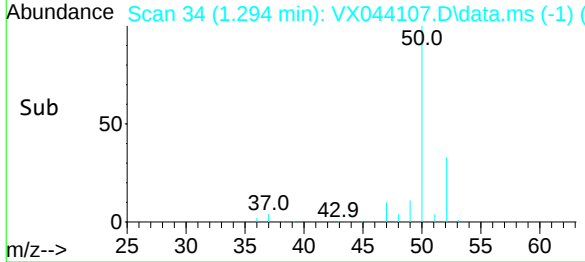
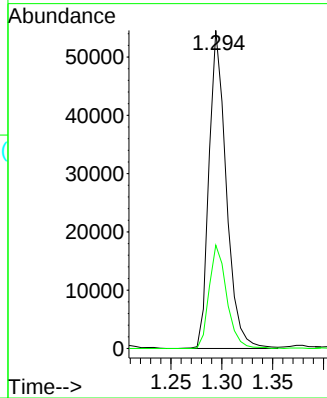
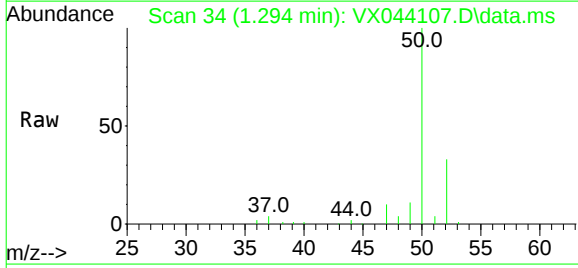
#3
Chloromethane
Concen: 43.982 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1

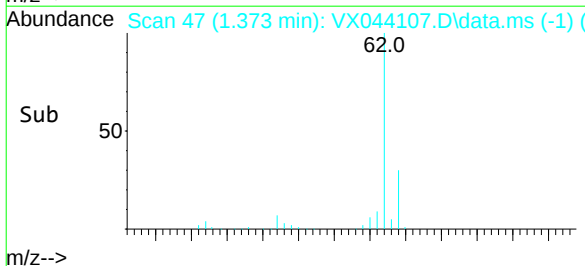
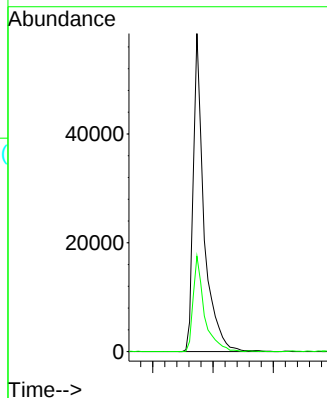
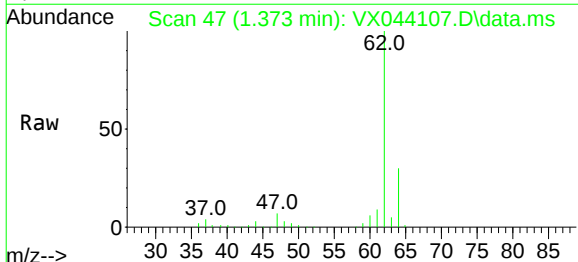
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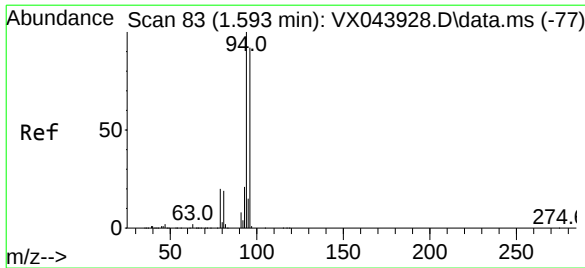
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#4
Vinyl Chloride
Concen: 46.581 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.0	26.2	39.4





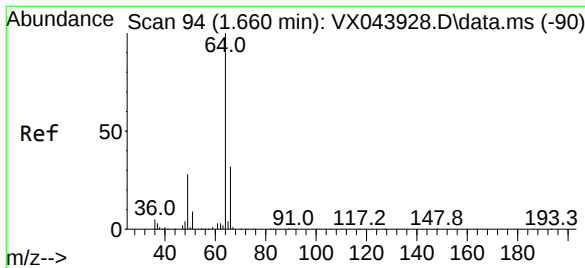
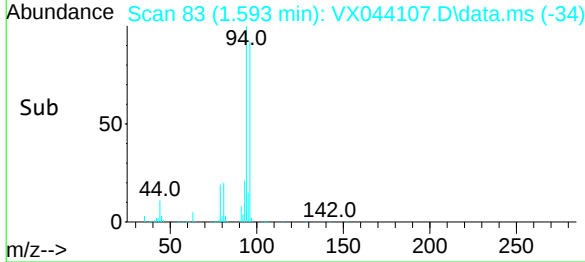
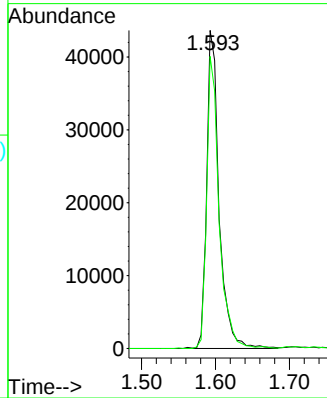
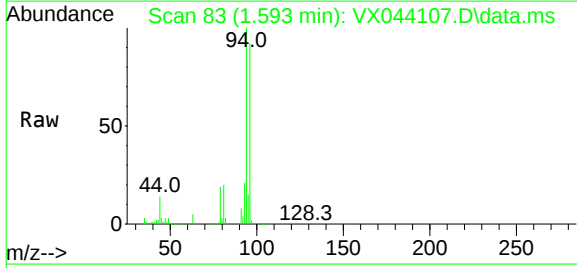
#5
Bromomethane
Concen: 53.022 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 50815
Ion Ratio Lower Upper
94 100
96 91.7 73.9 110.9

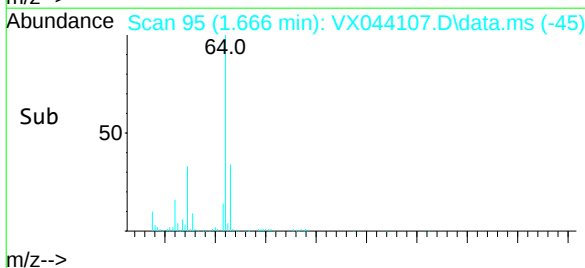
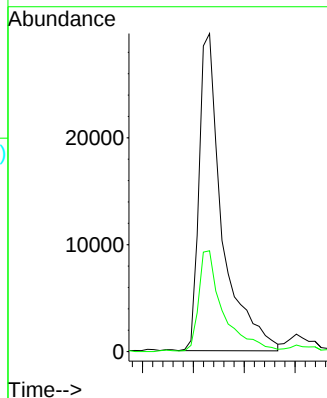
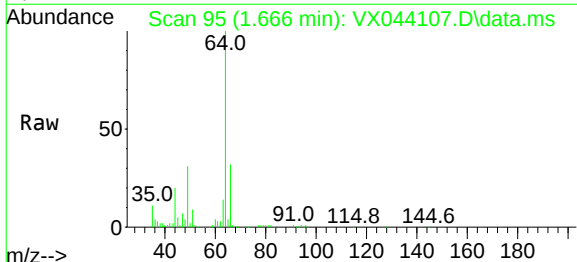
Manual Integrations
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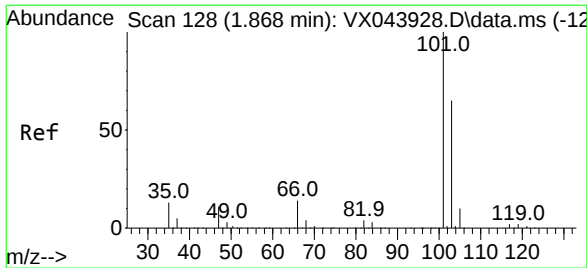
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#6
Chloroethane
Concen: 49.333 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

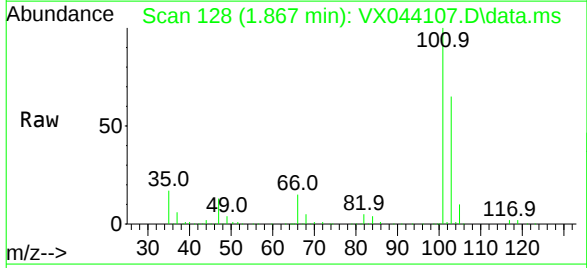
Tgt Ion: 64 Resp: 46830
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 49.296 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.001 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

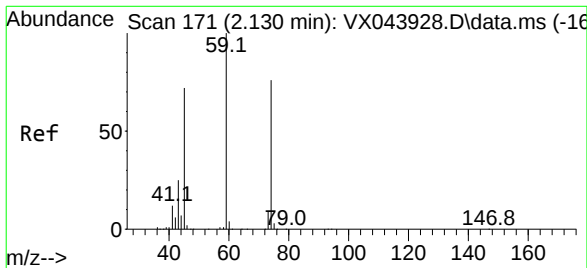
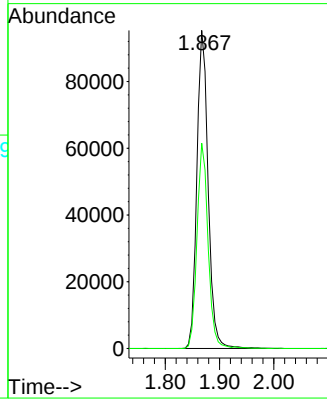
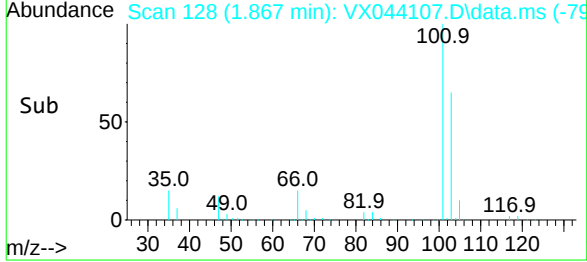
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 137303
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

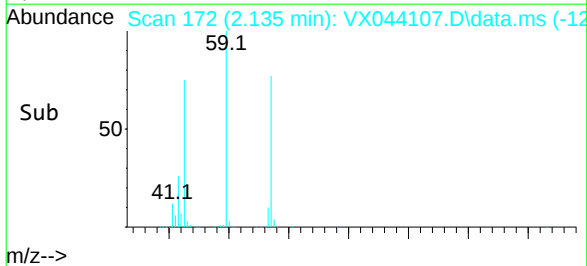
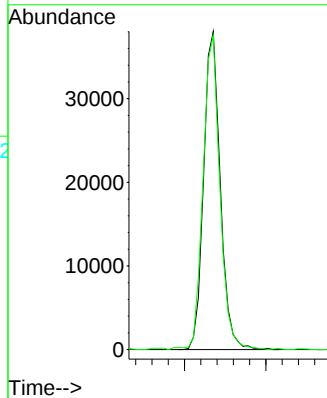
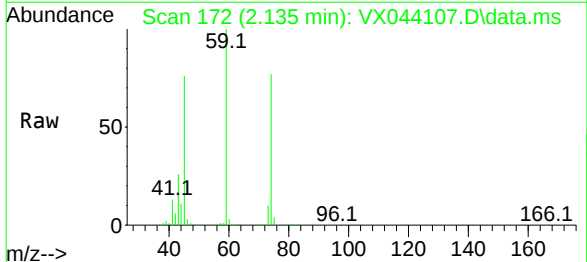
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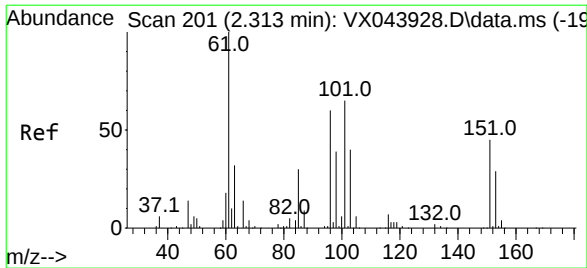
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#8
 Diethyl Ether
 Concen: 53.170 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

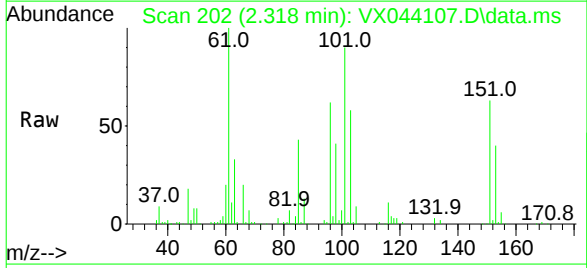
Tgt Ion: 74 Resp: 53976
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.9 143.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.592 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

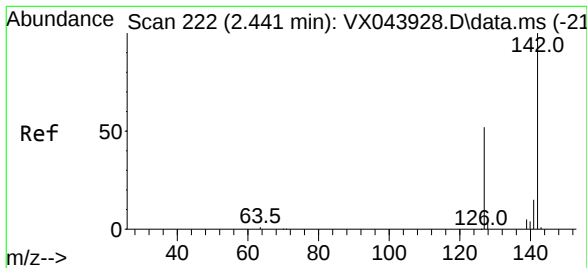
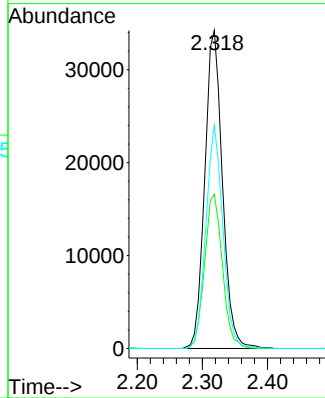
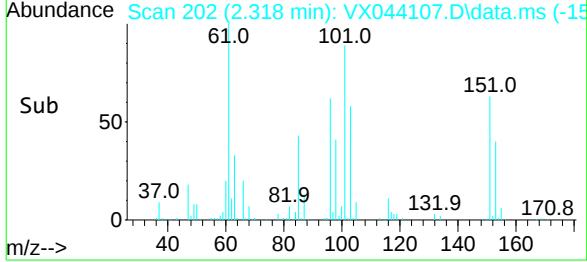
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 64558
Ion Ratio Lower Upper
101 100
85 48.9 37.9 56.9
151 67.7 57.5 86.3

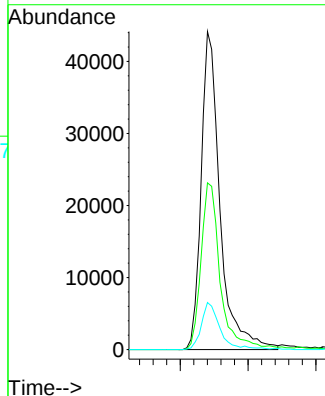
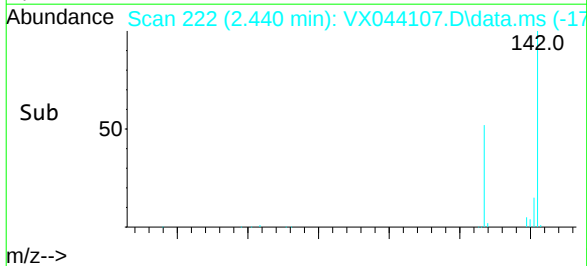
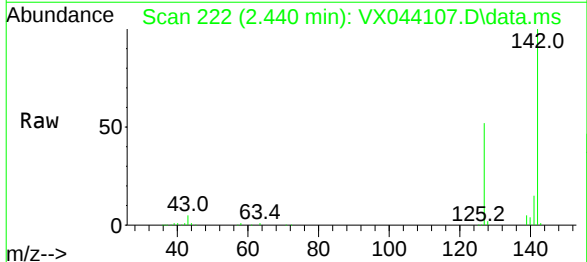
Manual Integrations
APPROVED

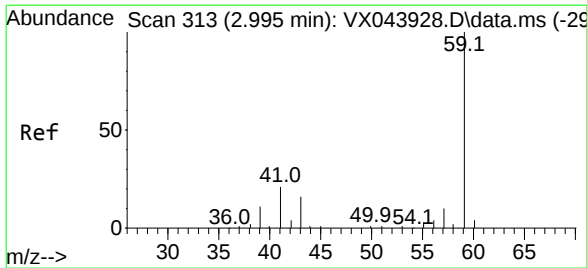
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#10
Methyl Iodide
Concen: 51.197 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

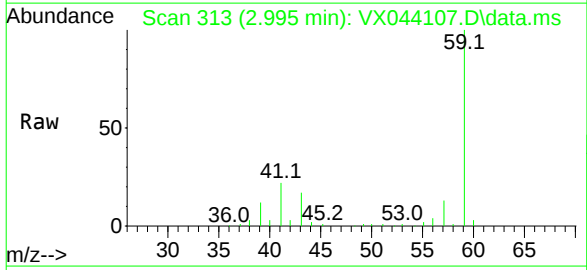
Tgt Ion:142 Resp: 84951
Ion Ratio Lower Upper
142 100
127 54.1 40.7 61.1
141 14.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 259.374 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

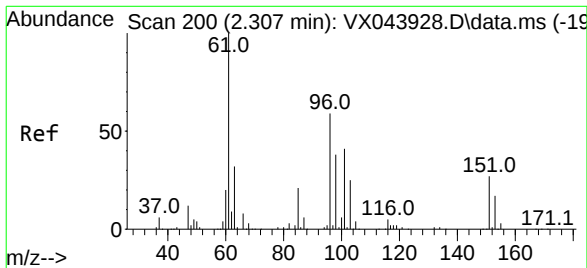
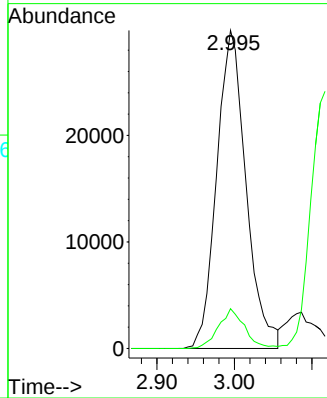
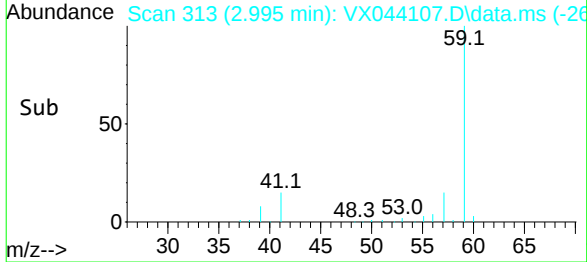
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



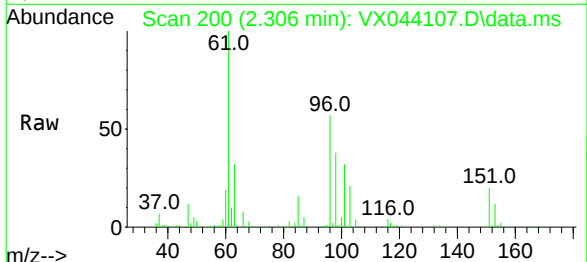
Tgt Ion: 59 Resp: 78452
Ion Ratio Lower Upper
59 100
57 11.2 7.9 11.9

Manual Integrations
APPROVED

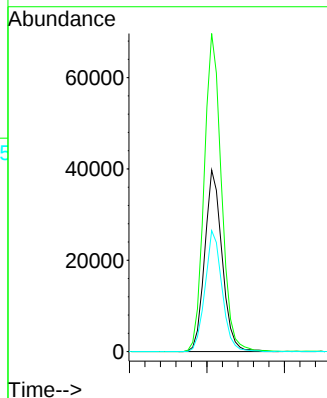
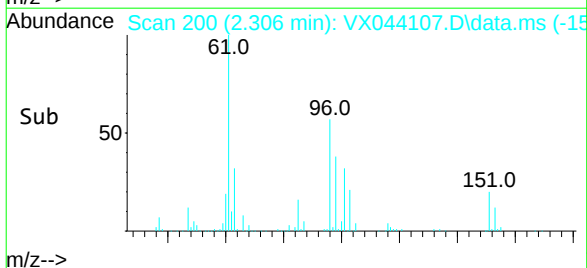
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

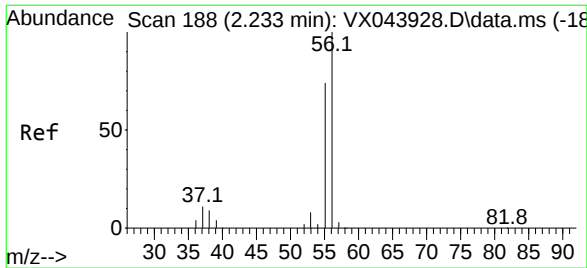


#12
1,1-Dichloroethene
Concen: 48.783 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 96 Resp: 61759
Ion Ratio Lower Upper
96 100
61 175.2 135.5 203.3
98 66.6 50.8 76.2





#13

Acrolein

Concen: 305.070 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 97260

Ion Ratio Lower Upper

56 100

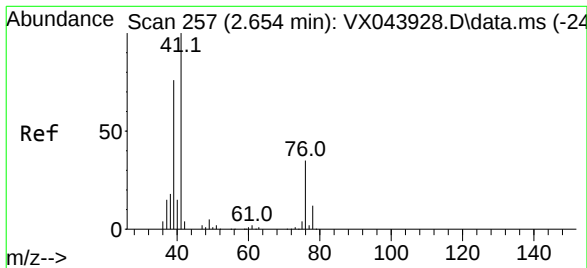
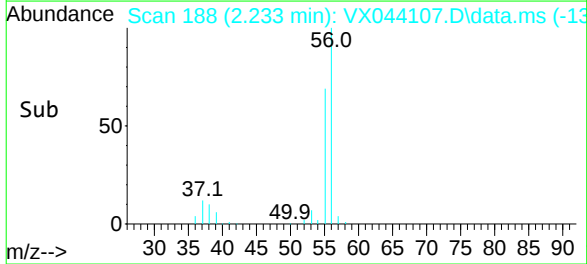
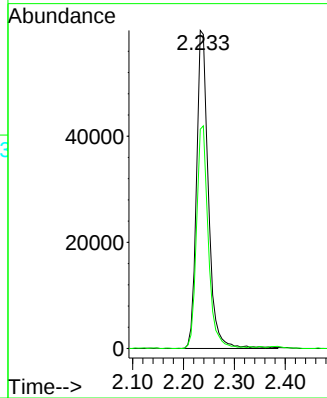
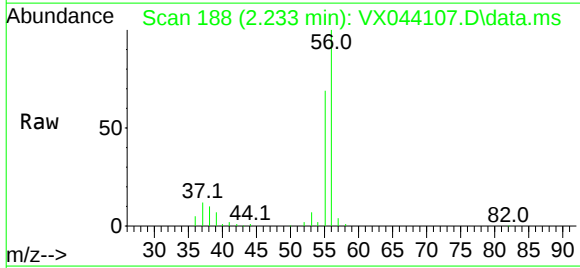
55 69.3 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#14

Allyl chloride

Concen: 54.724 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

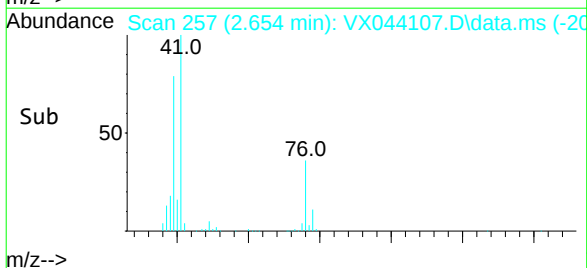
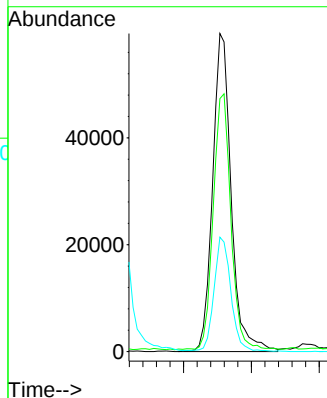
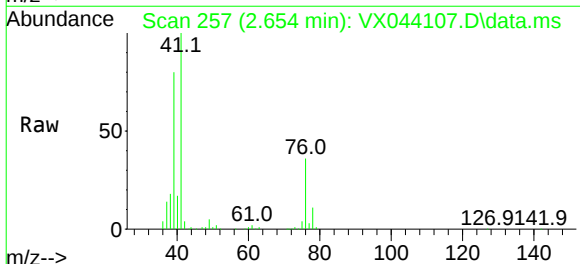
Tgt Ion: 41 Resp: 113204

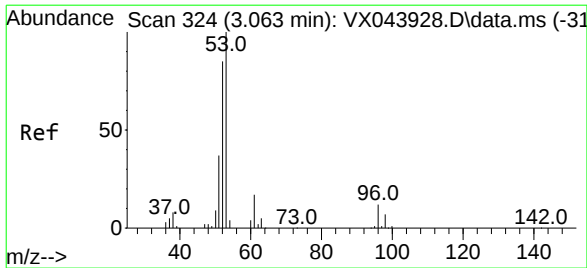
Ion Ratio Lower Upper

41 100

39 76.7 59.5 89.3

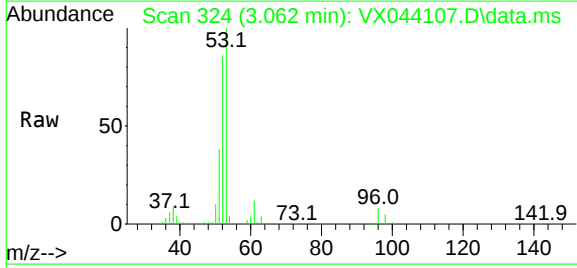
76 32.9 27.4 41.2





#15
Acrylonitrile
Concen: 272.449 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

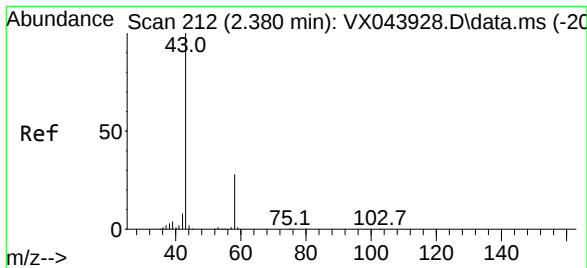
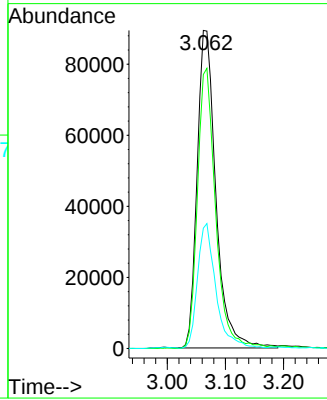
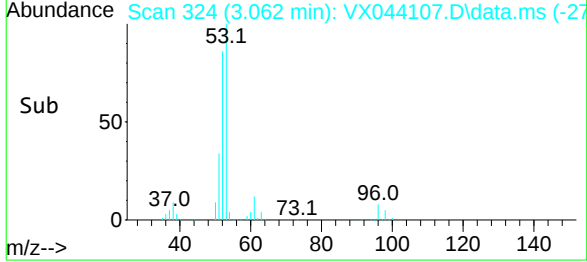
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



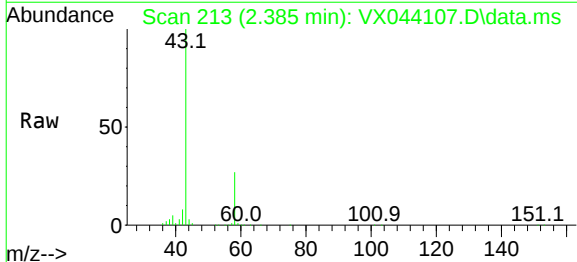
Tgt Ion: 53 Resp: 200820
Ion Ratio Lower Upper
53 100
52 85.4 66.5 99.7
51 38.4 30.2 45.4

Manual Integrations
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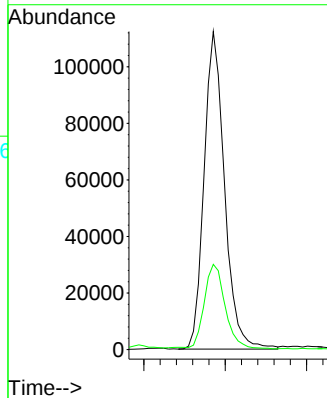
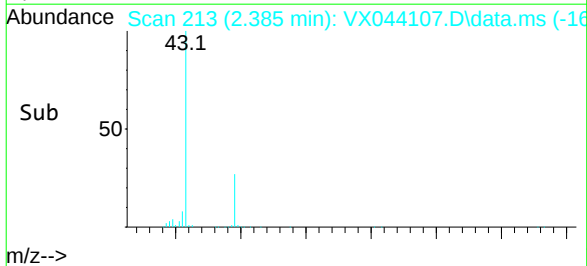
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

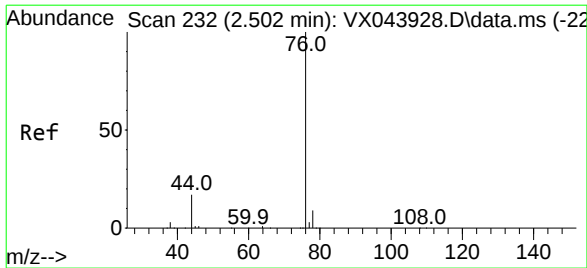


#16
Acetone
Concen: 226.550 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 43 Resp: 196079
Ion Ratio Lower Upper
43 100
58 26.6 22.7 34.1





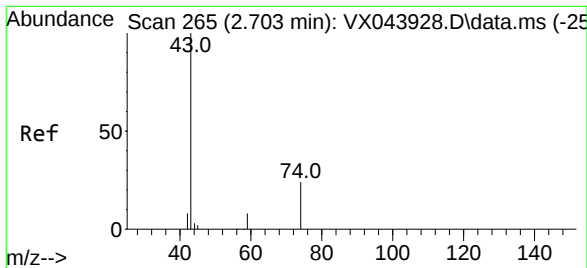
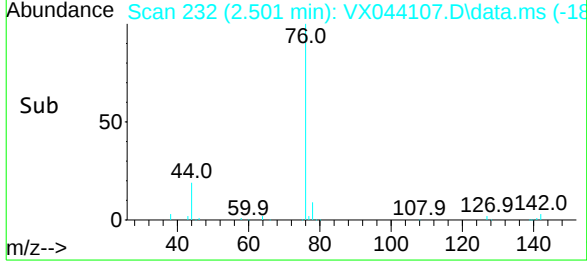
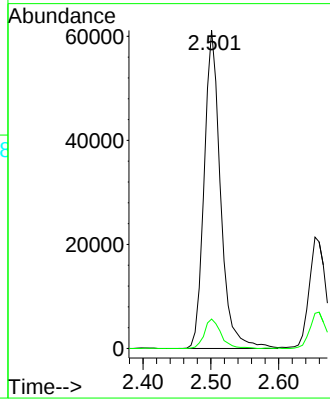
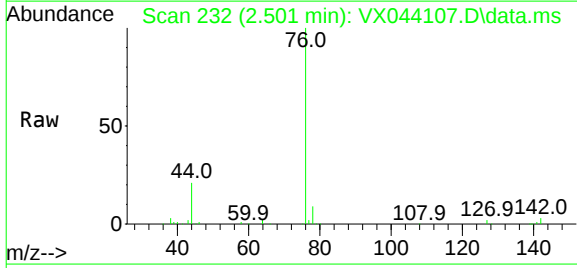
#17
Carbon Disulfide
Concen: 39.246 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 102489
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

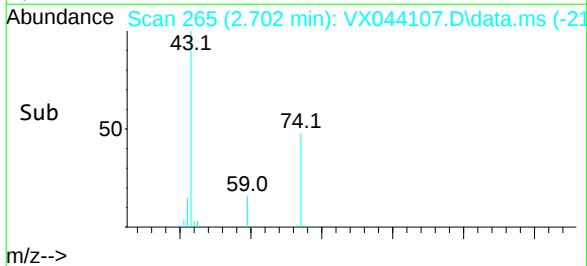
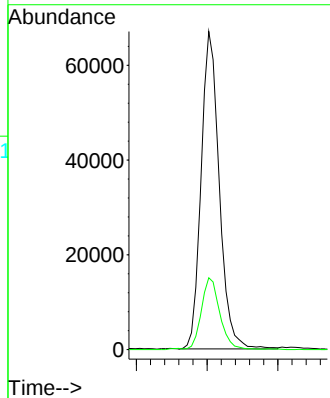
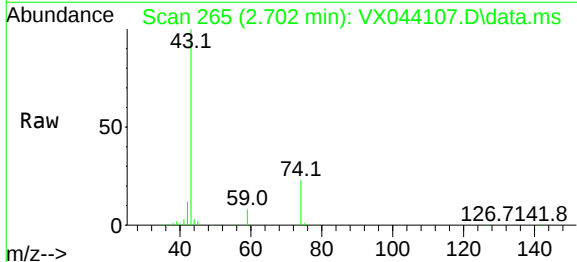
Manual Integrations
APPROVED

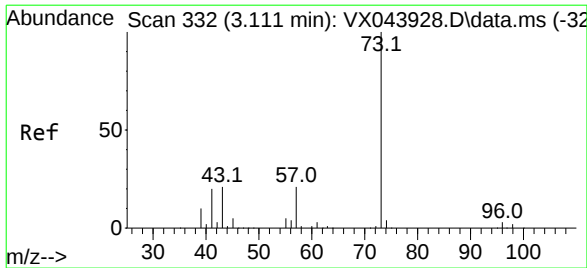
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#18
Methyl Acetate
Concen: 59.247 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 43 Resp: 119415
Ion Ratio Lower Upper
43 100
74 23.3 18.9 28.3





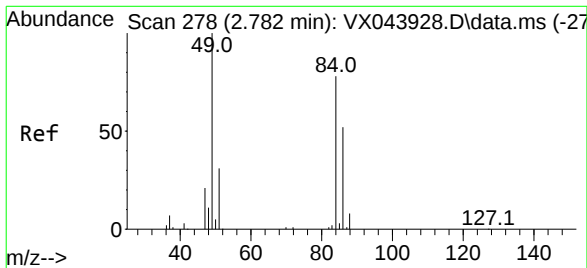
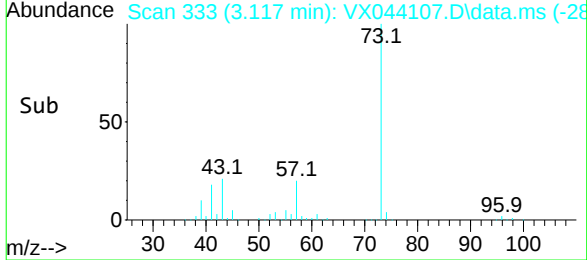
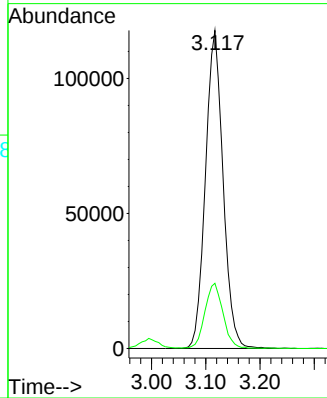
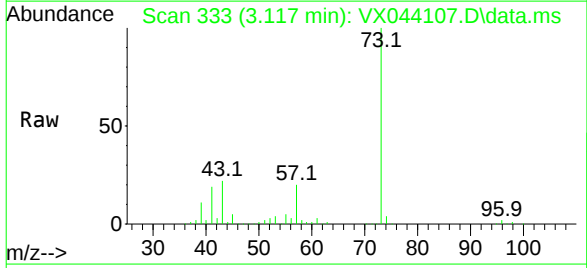
#19
Methyl tert-butyl Ether
Concen: 57.783 ug/l
RT: 3.117 min Scan# 33
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 265617
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6

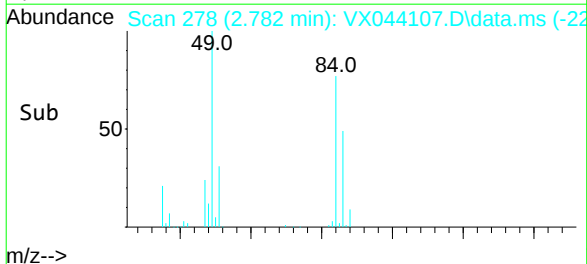
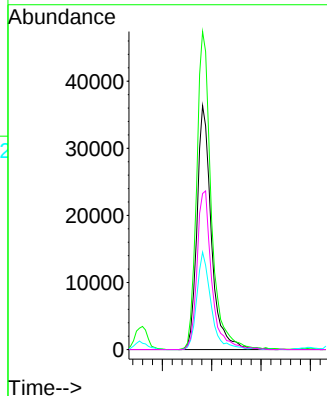
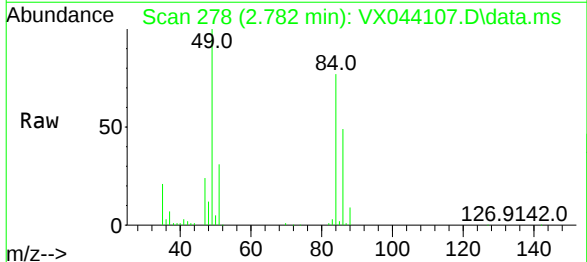
Manual Integrations
APPROVED

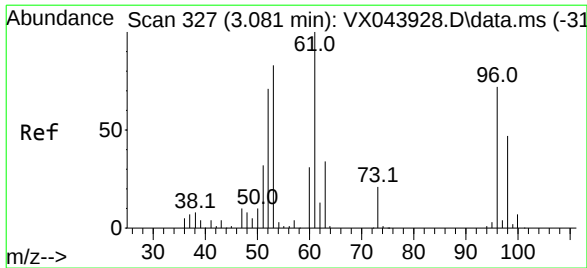
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#20
Methylene Chloride
Concen: 50.071 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

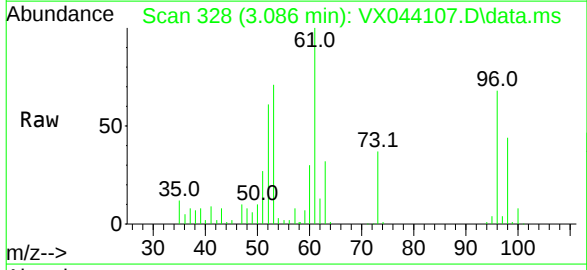
Tgt Ion: 84 Resp: 73542
Ion Ratio Lower Upper
84 100
49 130.4 102.7 154.1
51 39.9 31.7 47.5
86 64.0 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 49.192 ug/l
RT: 3.086 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

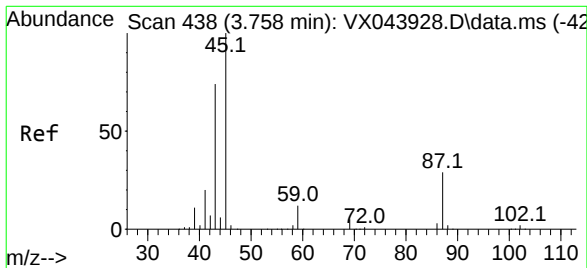
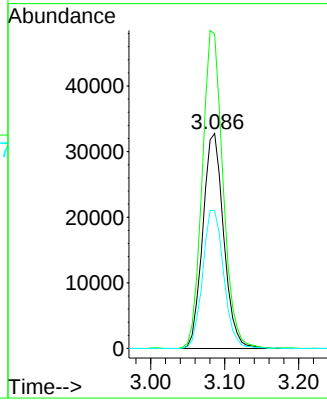
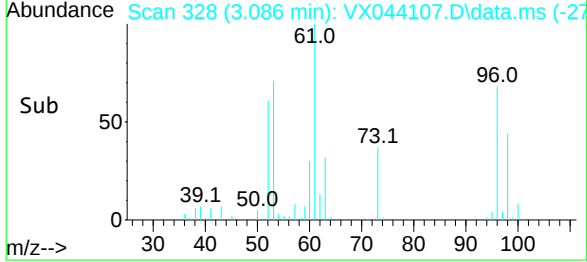
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



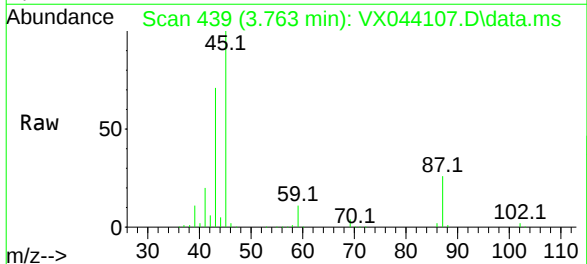
Tgt Ion: 96 Resp: 64297
Ion Ratio Lower Upper
96 100
61 146.2 111.8 167.6
98 64.0 52.7 79.1

Manual Integrations
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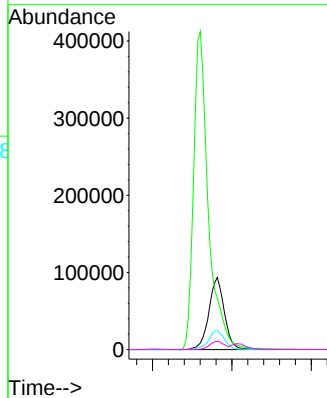
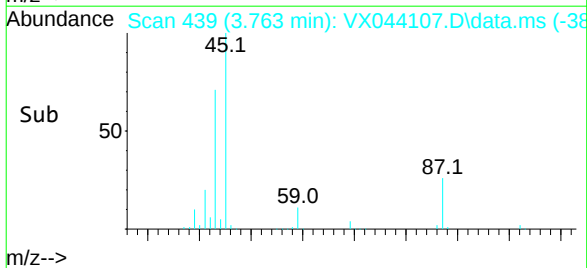
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

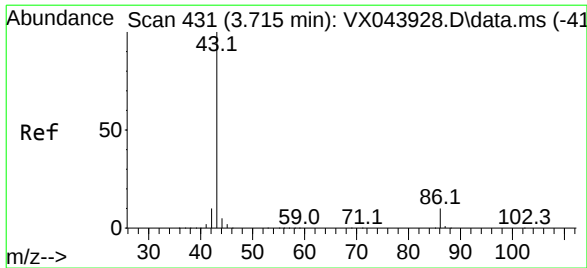


#22
Diisopropyl ether
Concen: 57.404 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 45 Resp: 253922
Ion Ratio Lower Upper
45 100
43 71.4 59.6 89.4
87 26.1 22.9 34.3
59 11.2 9.8 14.6





#23

Vinyl Acetate

Concen: 281.651 ug/l

RT: 3.720 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1065753

Ion Ratio Lower Upper

43 100

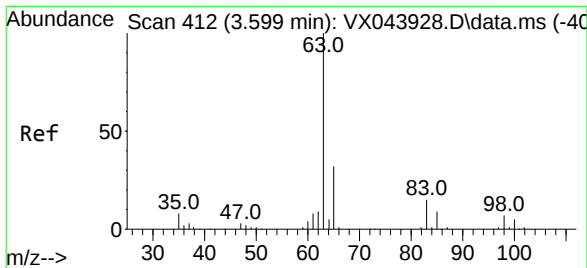
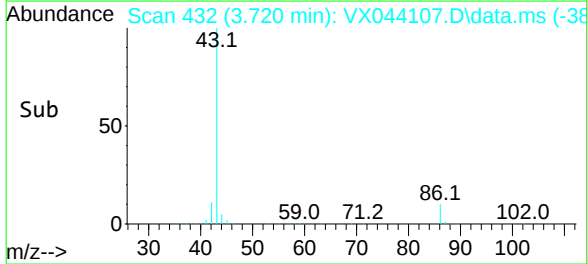
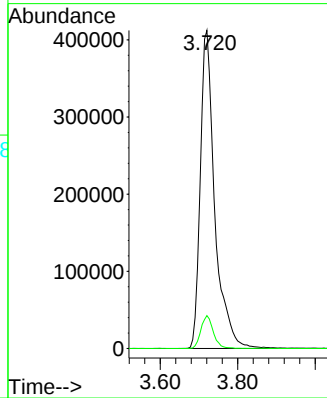
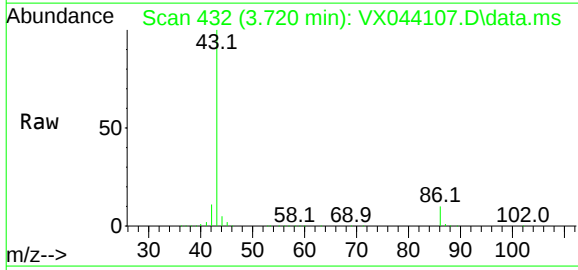
86 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#24

1,1-Dichloroethane

Concen: 54.339 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

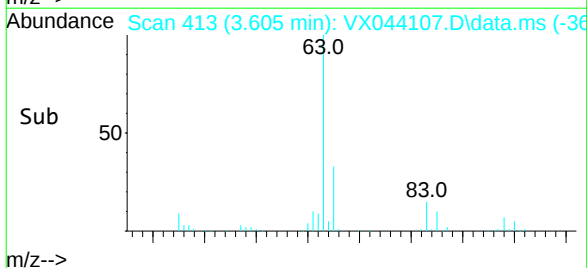
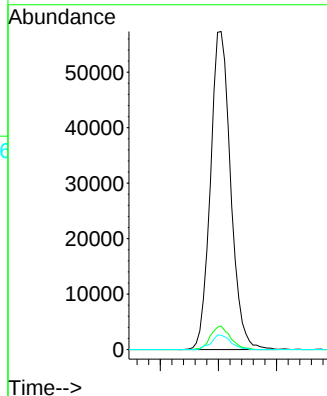
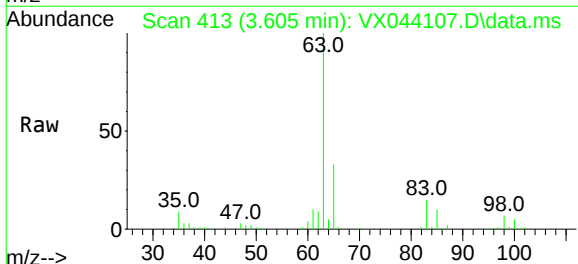
Tgt Ion: 63 Resp: 138664

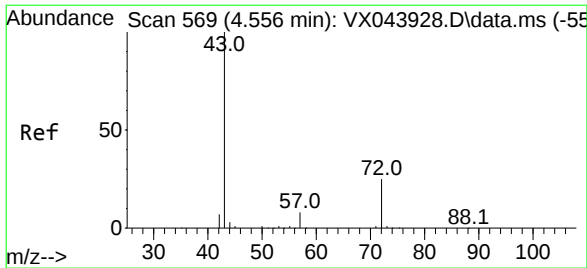
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.5 2.4 7.1





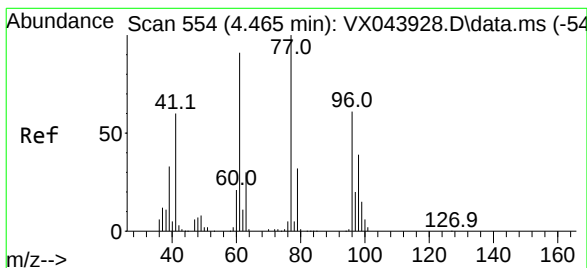
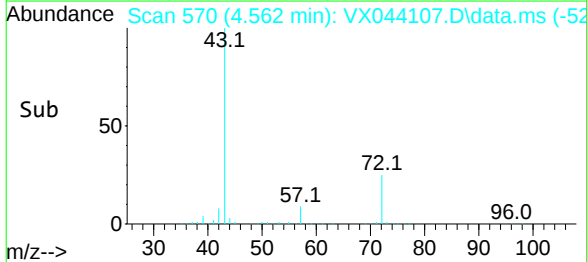
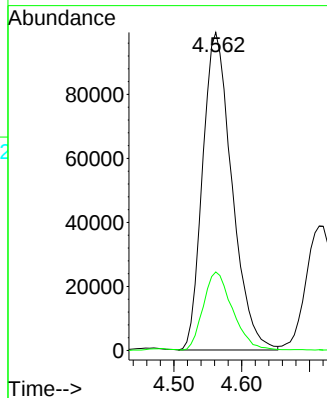
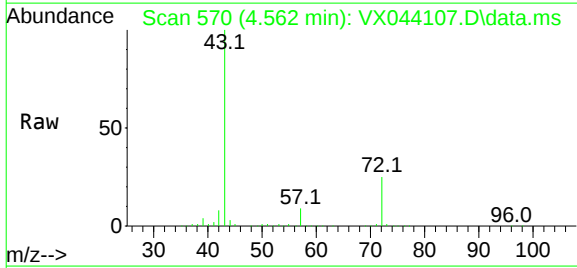
#25
2-Butanone
Concen: 266.844 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 298003
Ion Ratio Lower Upper
43 100
72 24.5 20.2 30.2

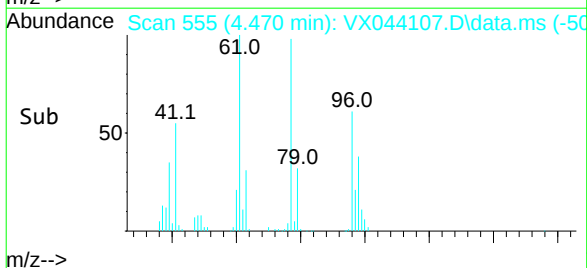
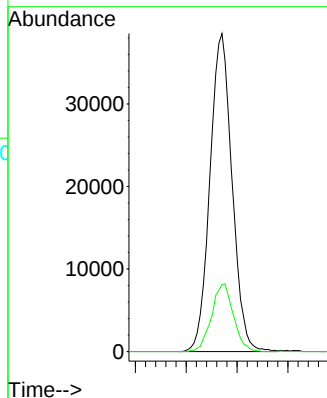
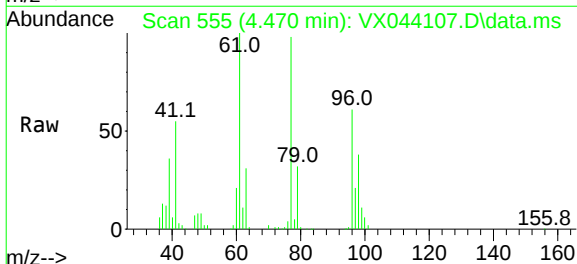
Manual Integrations
APPROVED

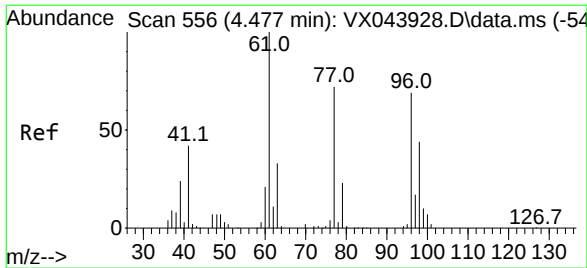
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#26
2,2-Dichloropropane
Concen: 50.437 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 77 Resp: 116236
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.3





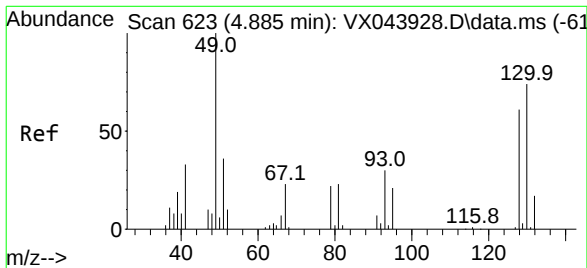
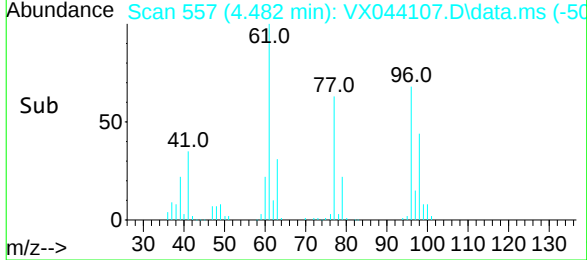
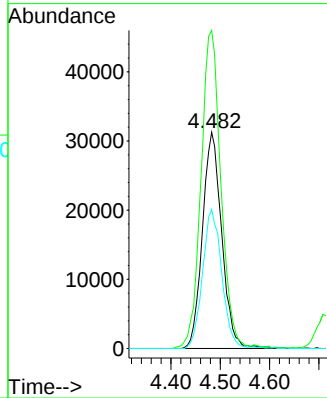
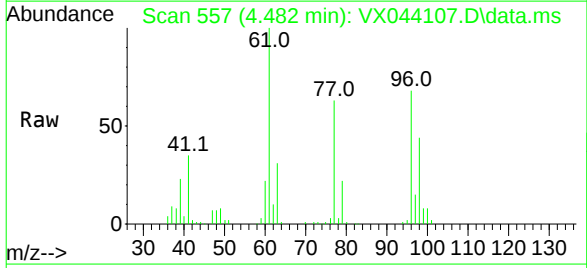
#27
 cis-1,2-Dichloroethene
 Concen: 52.539 ug/l
 RT: 4.482 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 84885
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 297.4
 98 64.2 0.0 127.8

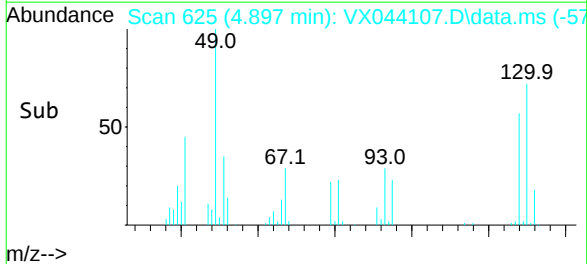
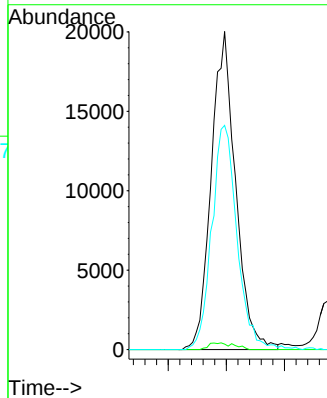
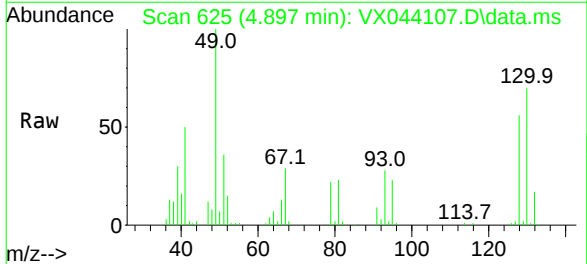
Manual Integrations
 APPROVED

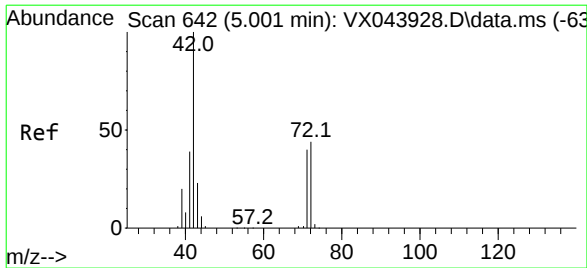
Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024



#28
 Bromochloromethane
 Concen: 51.911 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.012 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

Tgt Ion: 49 Resp: 58309
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 73.1 59.0 88.6





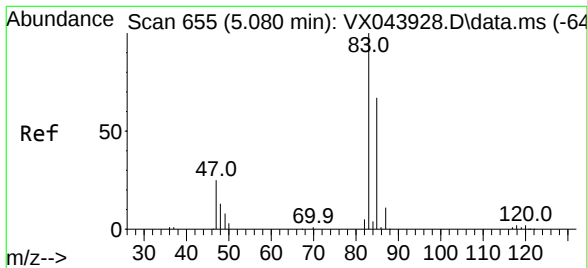
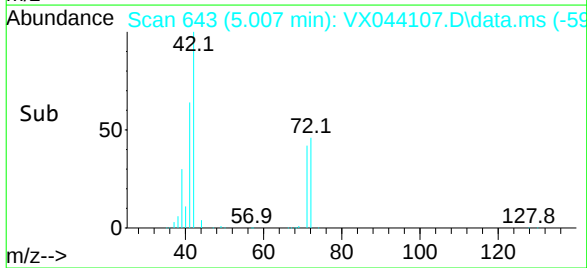
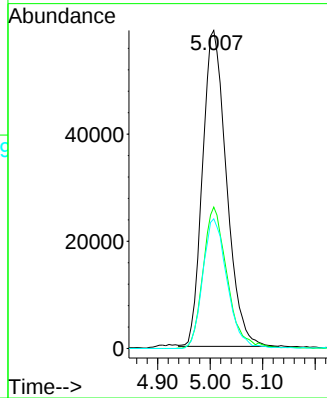
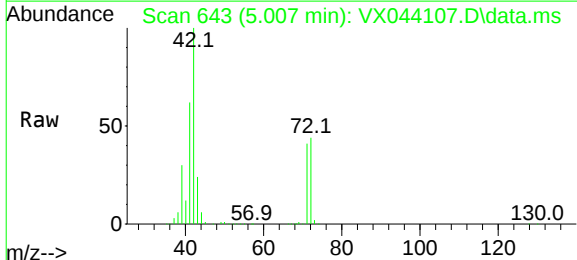
#29
Tetrahydrofuran
Concen: 273.261 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 187088
Ion Ratio Lower Upper
42 100
72 44.9 36.4 54.6
71 41.6 33.4 50.0

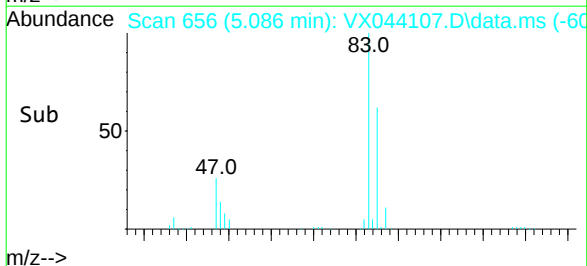
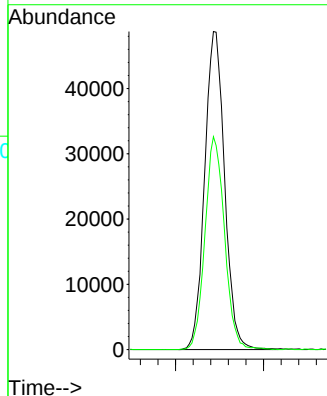
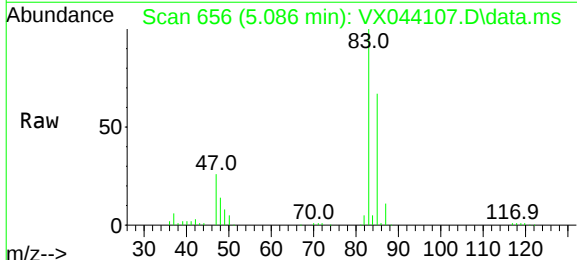
Manual Integrations
APPROVED

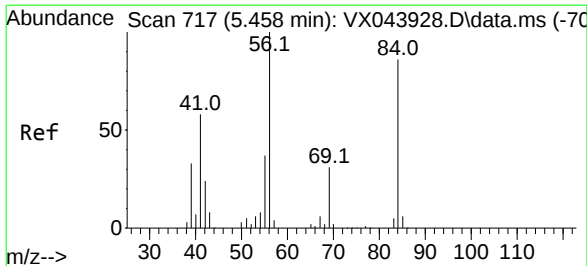
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#30
Chloroform
Concen: 55.897 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 83 Resp: 153414
Ion Ratio Lower Upper
83 100
85 66.9 53.5 80.3





#31

Cyclohexane

Concen: 45.743 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

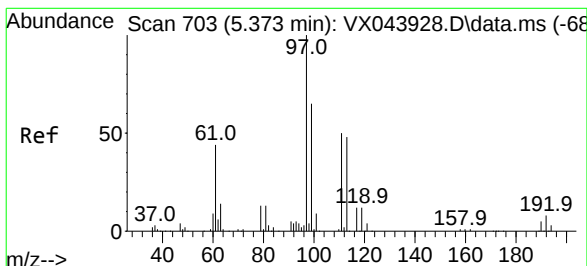
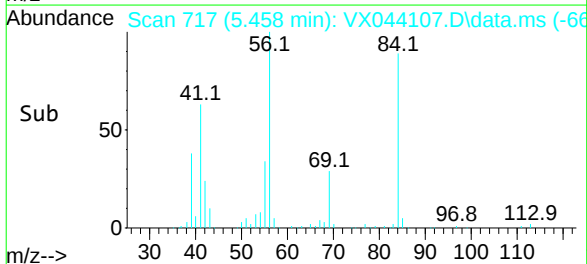
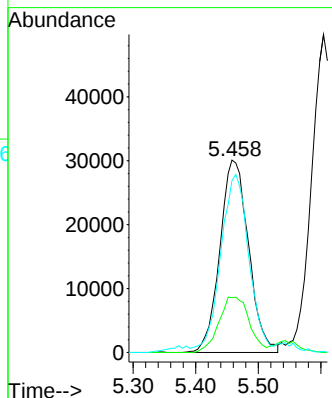
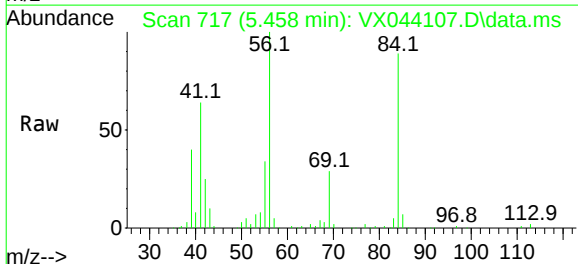
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	96071
Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.7	37.1
84	85.8	68.7	103.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#32

1,1,1-Trichloroethane

Concen: 55.302 ug/l

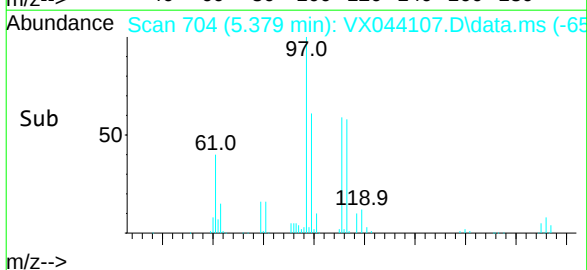
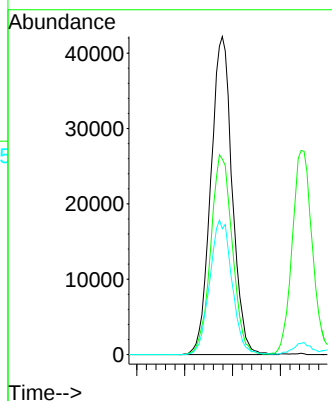
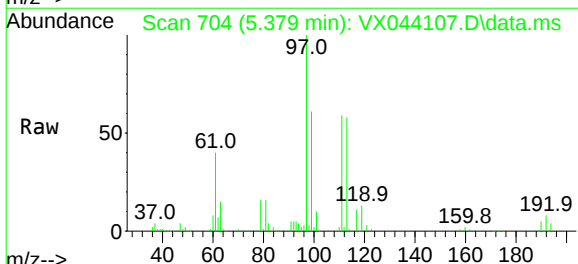
RT: 5.379 min Scan# 704

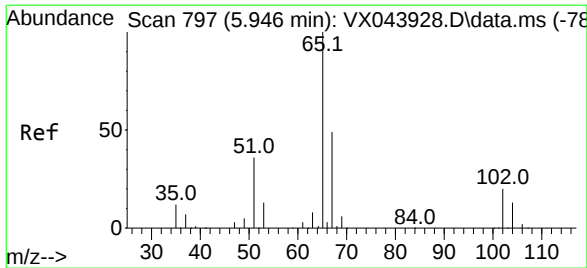
Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	97	Resp:	130890
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	44.0	35.4	53.2





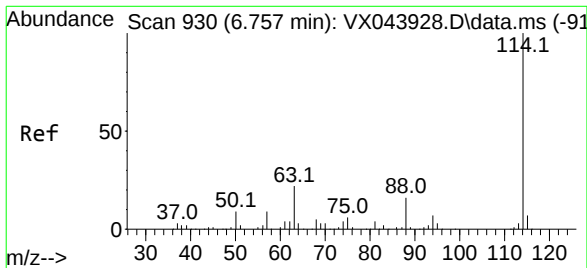
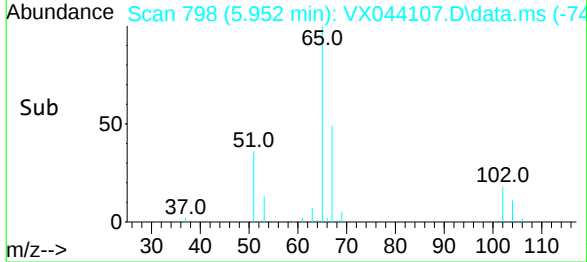
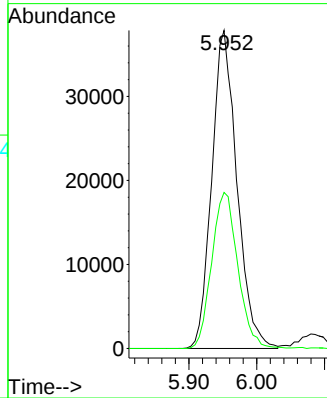
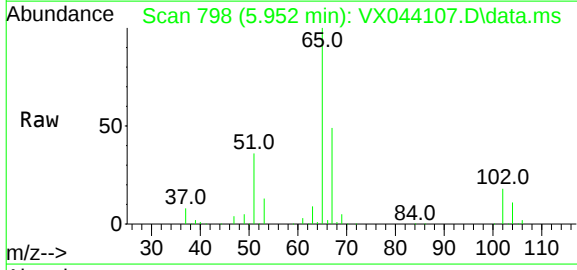
#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 97676
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

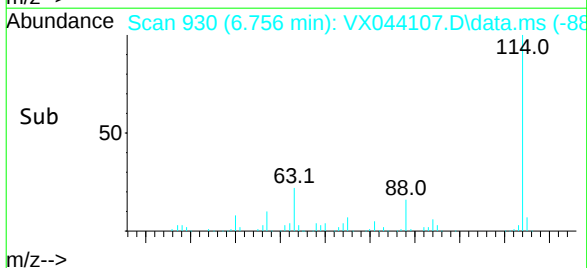
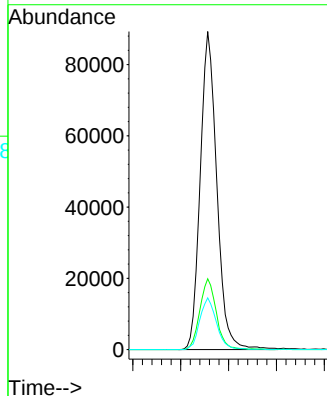
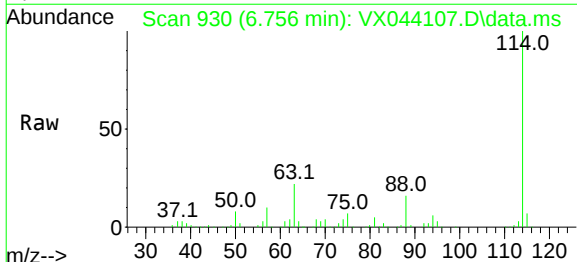
Manual Integrations
APPROVED

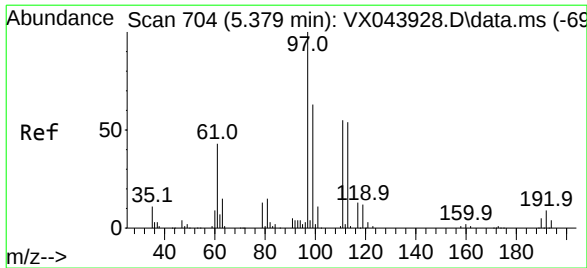
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

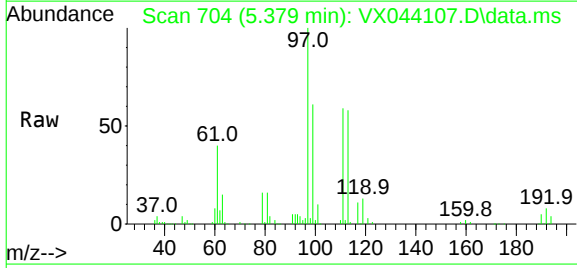
Tgt Ion:114 Resp: 214840
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 45.669 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

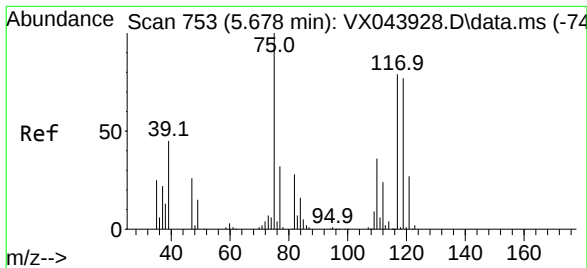
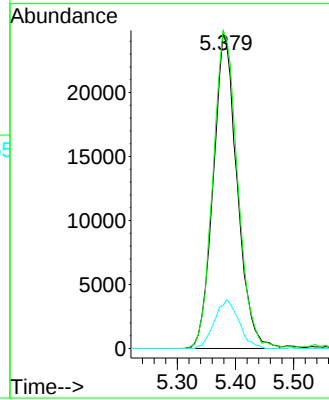
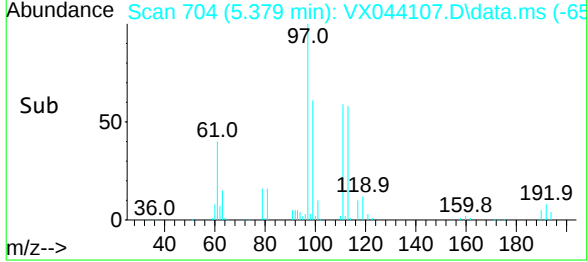
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



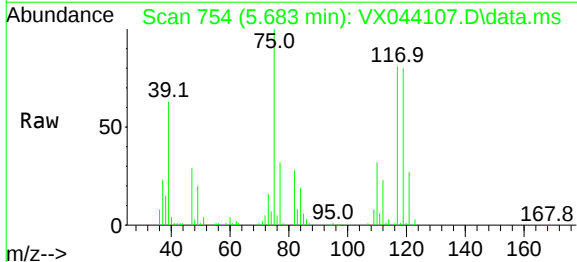
Tgt Ion:113 Resp: 70109
Ion Ratio Lower Upper
113 100
111 104.6 81.0 121.4
192 15.9 13.0 19.6

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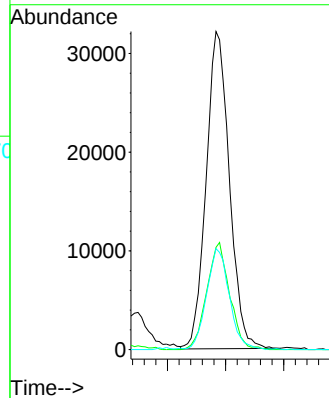
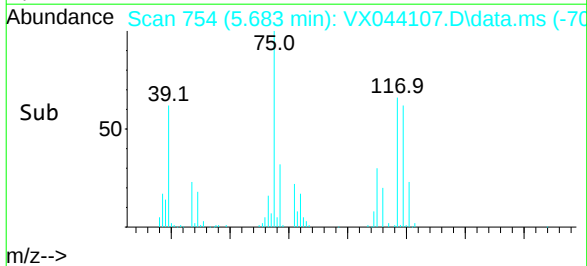
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

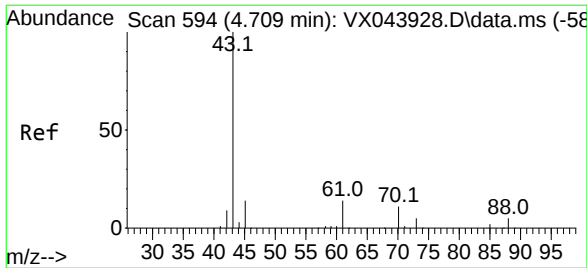


#36
1,1-Dichloropropene
Concen: 46.656 ug/l
RT: 5.683 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 75 Resp: 89251
Ion Ratio Lower Upper
75 100
110 33.2 17.4 52.2
77 31.3 25.8 38.8





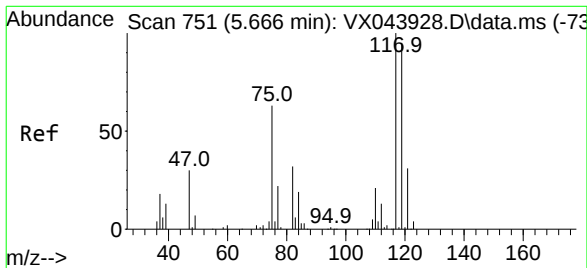
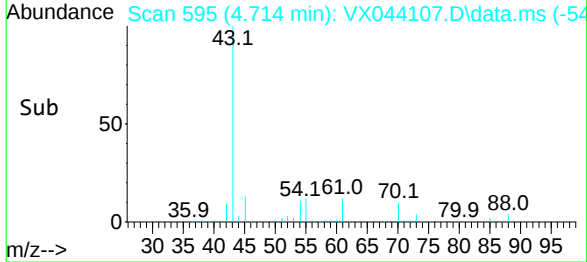
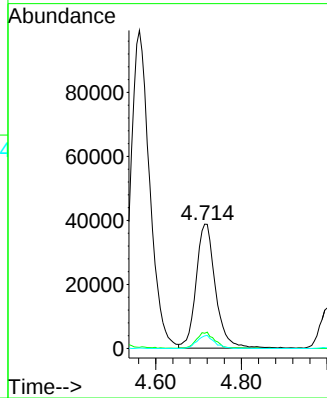
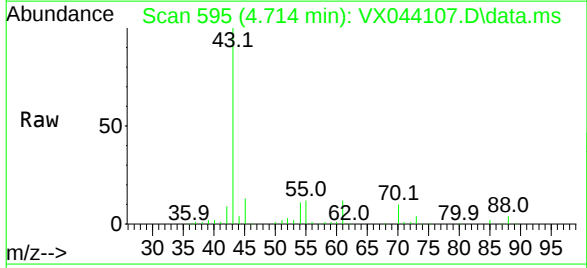
#37
Ethyl Acetate
Concen: 51.161 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 121488
Ion Ratio Lower Upper
43 100
61 11.7 10.7 16.1
70 9.4 8.0 12.0

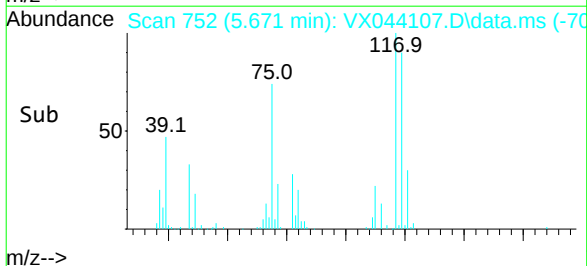
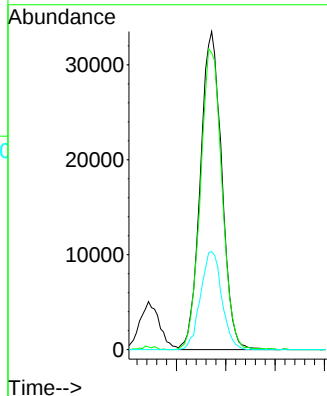
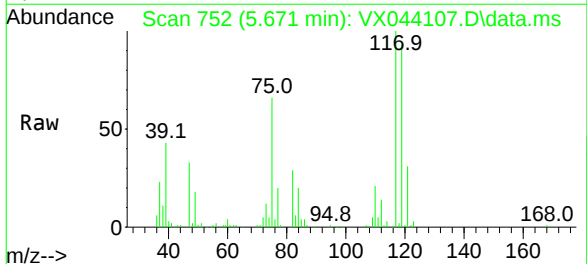
Manual Integrations
APPROVED

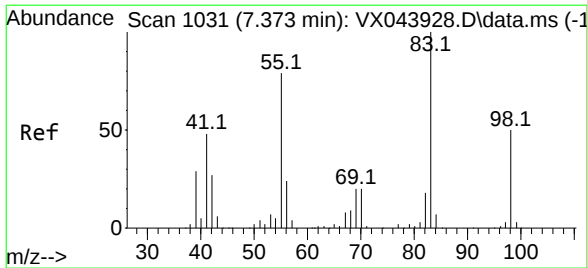
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#38
Carbon Tetrachloride
Concen: 46.947 ug/l
RT: 5.671 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion:117 Resp: 100912
Ion Ratio Lower Upper
117 100
119 93.3 75.2 112.8
121 30.8 24.5 36.7





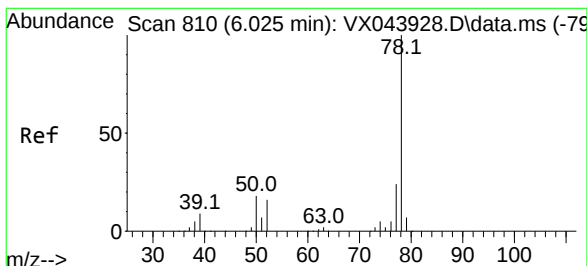
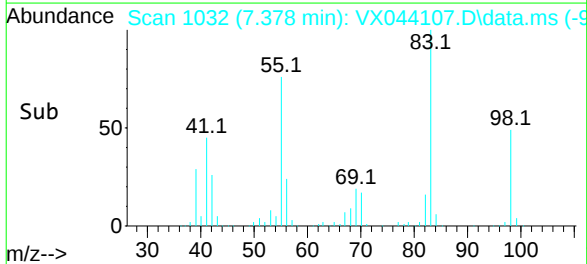
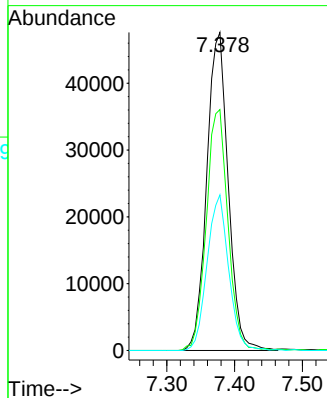
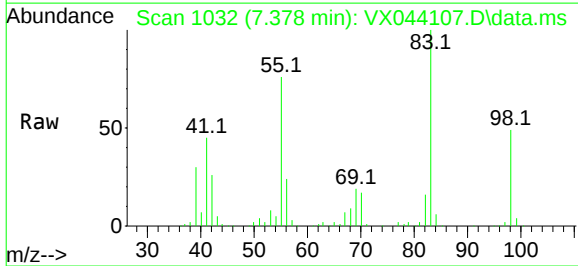
#39
Methylcyclohexane
Concen: 42.070 ug/l
RT: 7.378 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 104551
Ion Ratio Lower Upper
83 100
55 75.8 63.1 94.7
98 48.9 40.0 60.0

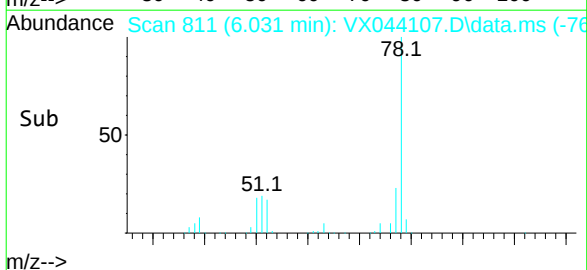
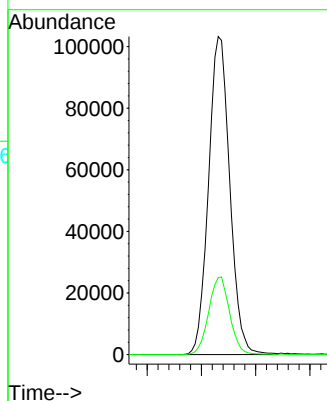
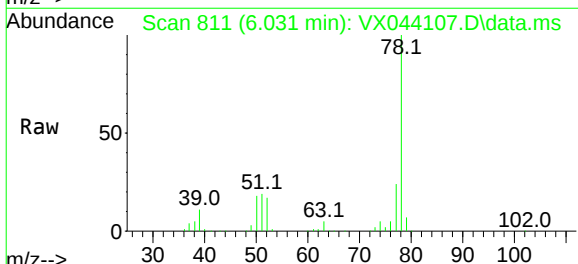
Manual Integrations
APPROVED

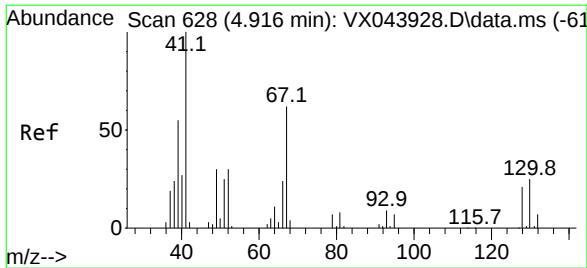
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#40
Benzene
Concen: 47.137 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 78 Resp: 280881
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8





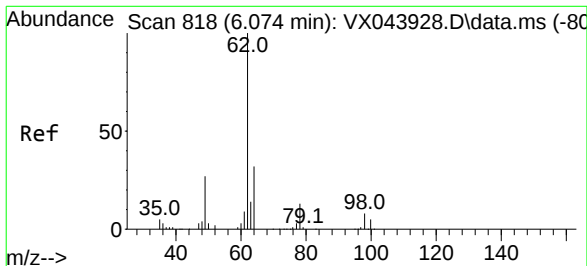
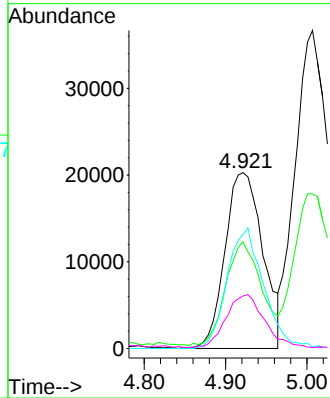
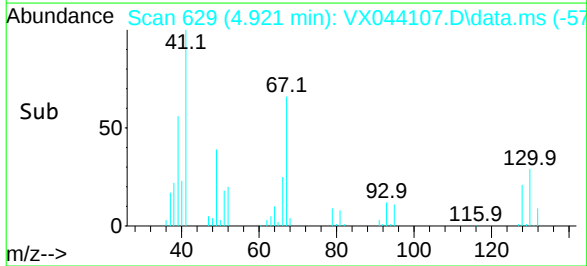
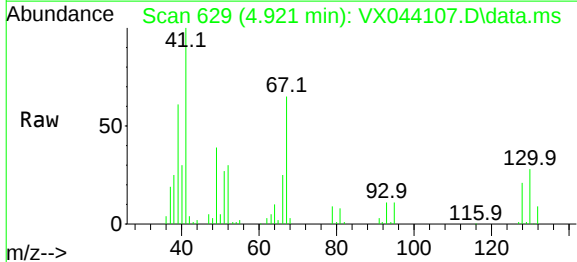
#41
Methacrylonitrile
Concen: 54.089 ug/l
RT: 4.921 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 65738
Ion Ratio	Lower Upper
41 100	
39 56.0	41.7 62.5
67 66.4	55.8 83.8
52 30.1	24.0 36.0

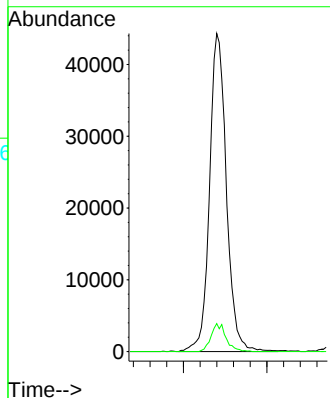
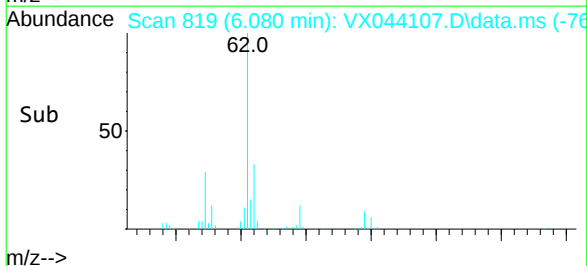
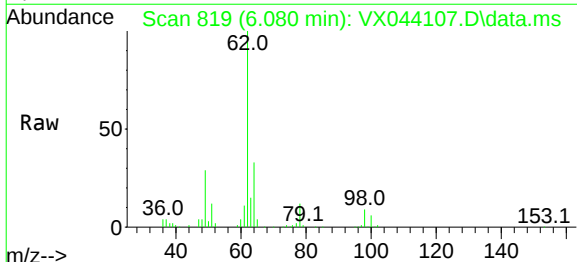
Manual Integrations
APPROVED

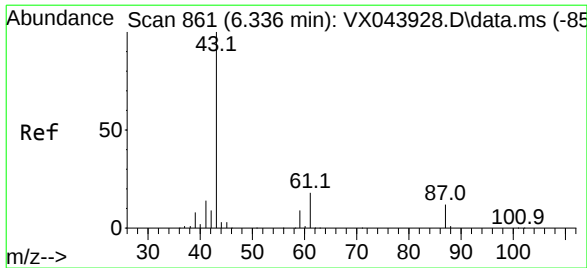
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#42
1,2-Dichloroethane
Concen: 51.921 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 62	Resp: 124255
Ion Ratio	Lower Upper
62 100	
98 7.8	0.0 16.4





#43

Isopropyl Acetate

Concen: 52.693 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

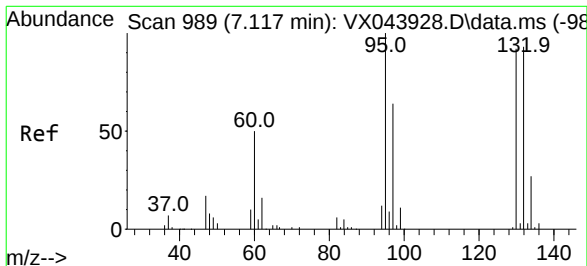
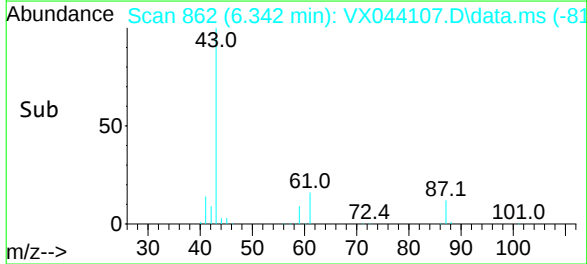
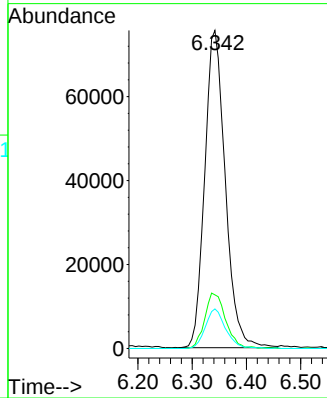
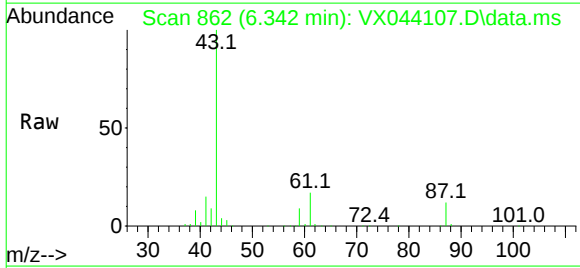
Tgt Ion:	43	Resp:	199132
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	12.3	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#44

Trichloroethene

Concen: 41.544 ug/l

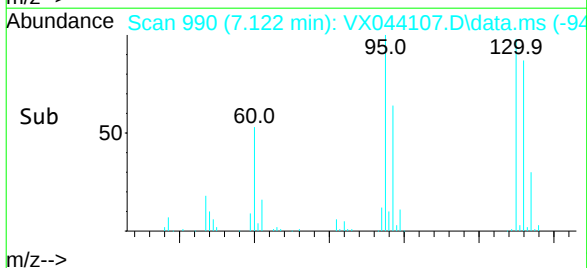
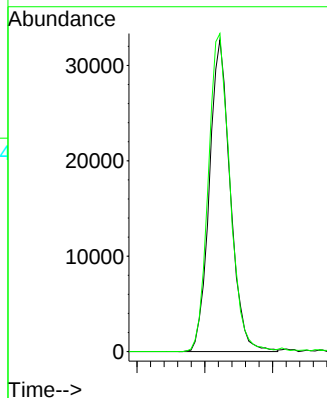
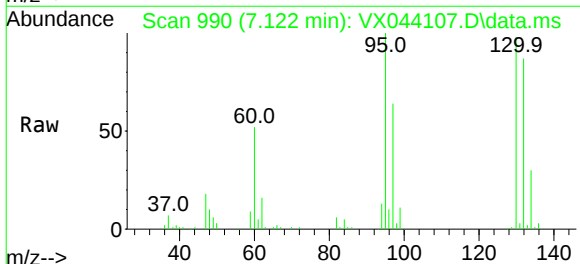
RT: 7.122 min Scan# 990

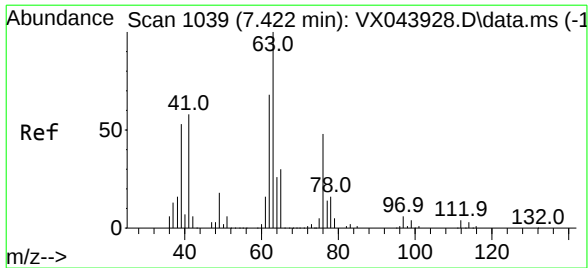
Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	130	Resp:	70079
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	217.8





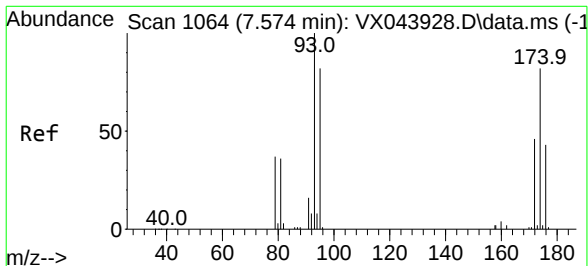
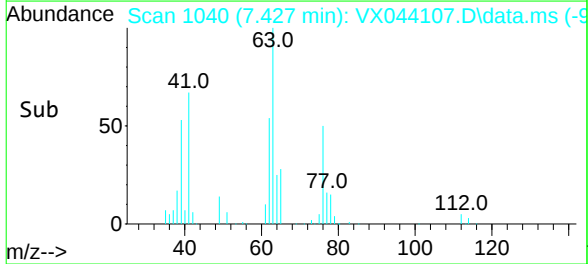
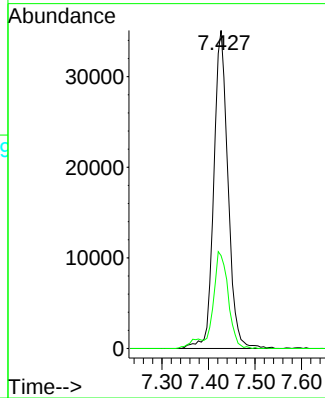
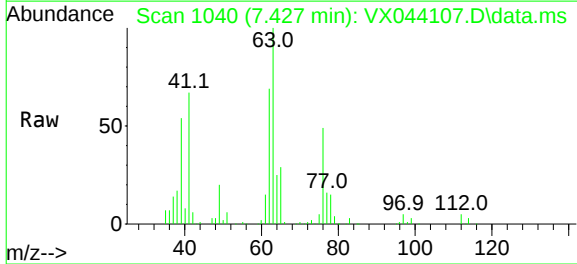
#45
1,2-Dichloropropane
Concen: 51.099 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 74576
Ion Ratio Lower Upper
63 100
65 29.2 23.8 35.6

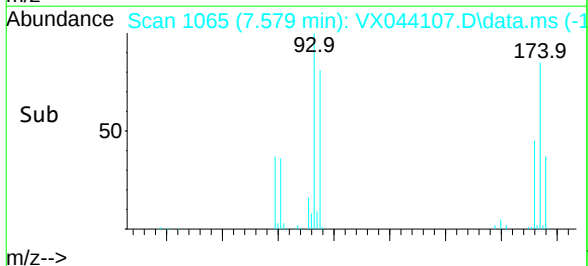
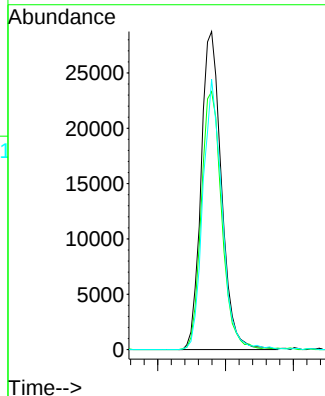
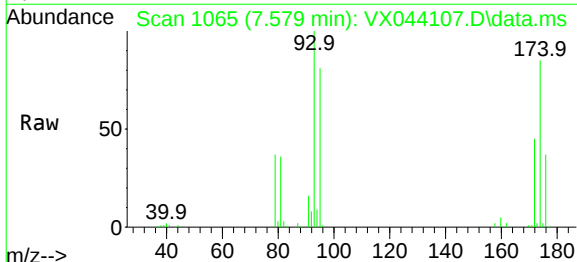
Manual Integrations
APPROVED

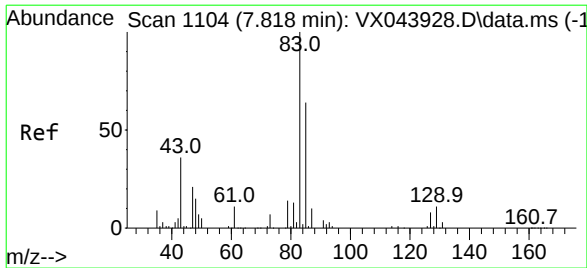
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#46
Dibromomethane
Concen: 51.841 ug/l
RT: 7.579 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 93 Resp: 59849
Ion Ratio Lower Upper
93 100
95 81.4 66.2 99.4
174 80.1 69.6 104.4





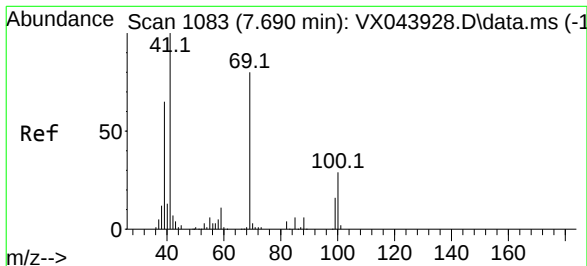
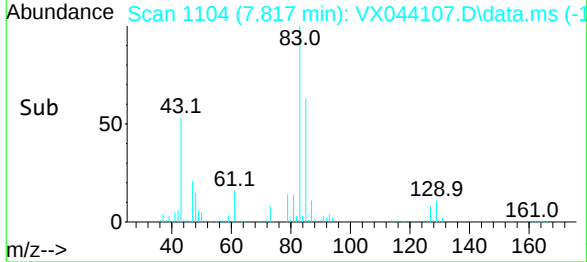
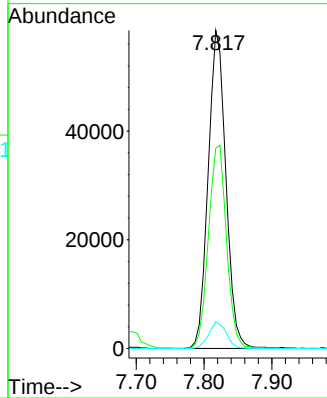
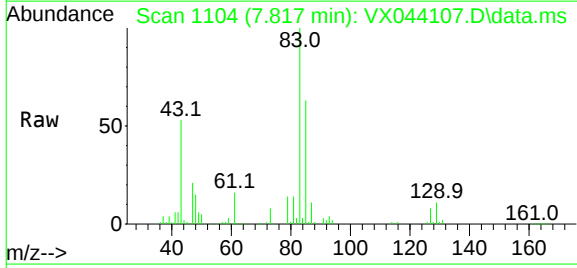
#47
Bromodichloromethane
Concen: 51.329 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 106279
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0
127 8.4 6.6 10.0

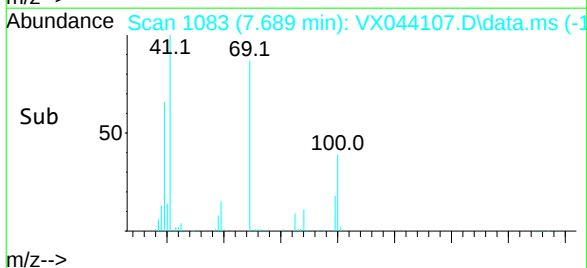
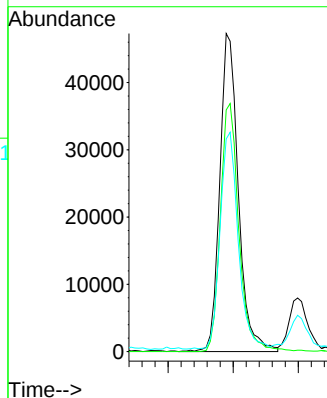
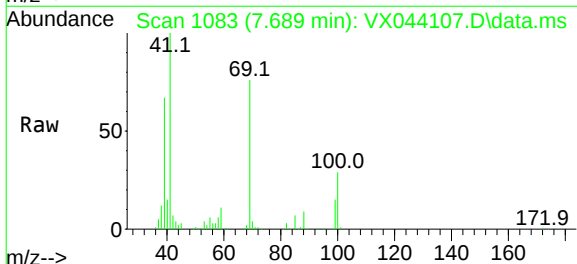
Manual Integrations
APPROVED

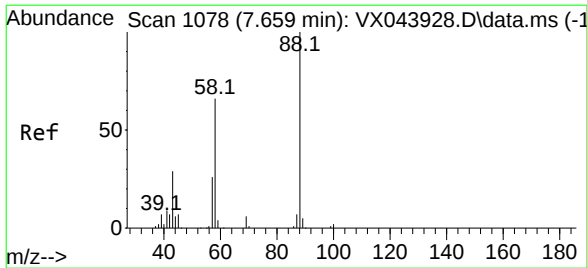
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#48
Methyl methacrylate
Concen: 51.646 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

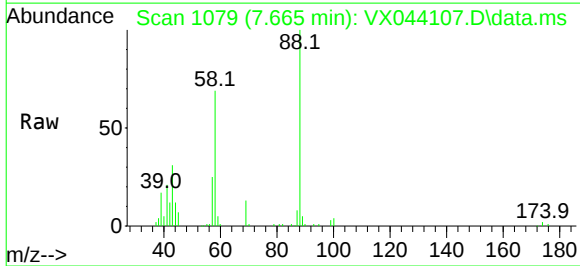
Tgt Ion: 41 Resp: 93652
Ion Ratio Lower Upper
41 100
69 77.6 64.6 97.0
39 66.6 53.3 79.9





#49
1,4-Dioxane
Concen: 1018.165 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

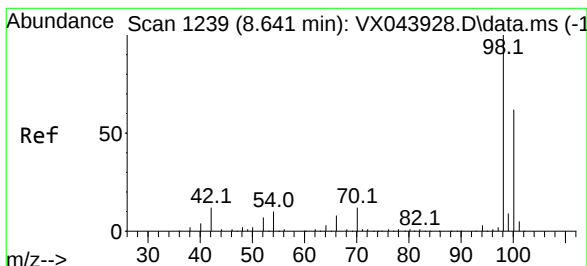
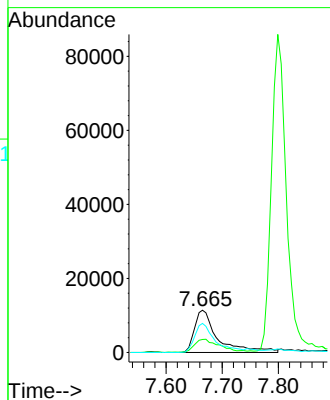
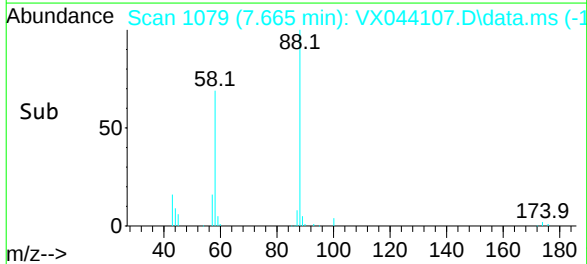
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 32888
Ion Ratio Lower Upper
88 100
43 35.8 26.8 40.2
58 60.2 45.4 68.2

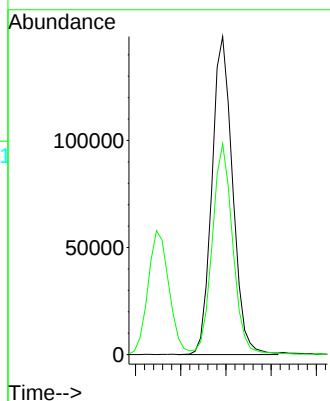
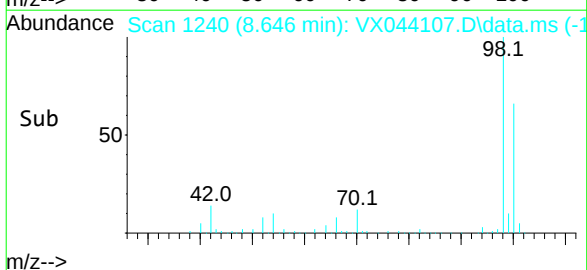
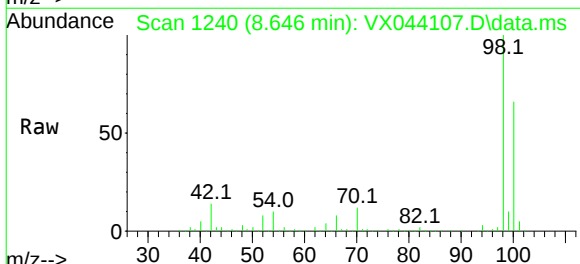
Manual Integrations
APPROVED

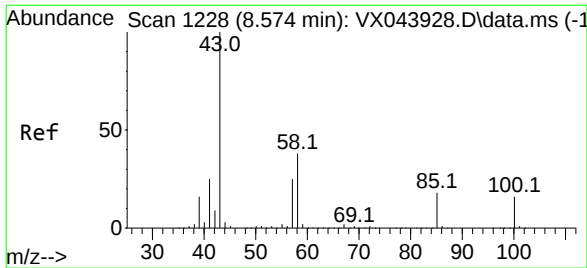
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#50
Toluene-d8
Concen: 44.701 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 98 Resp: 236548
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0





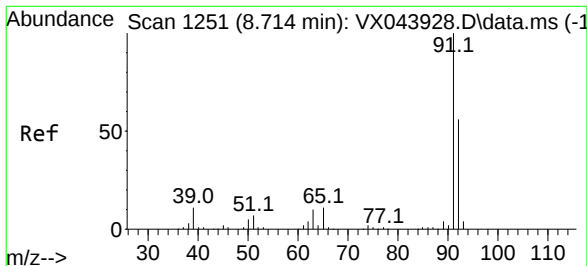
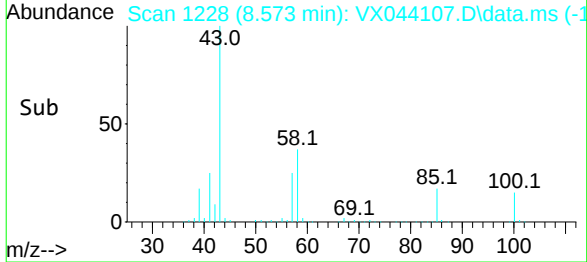
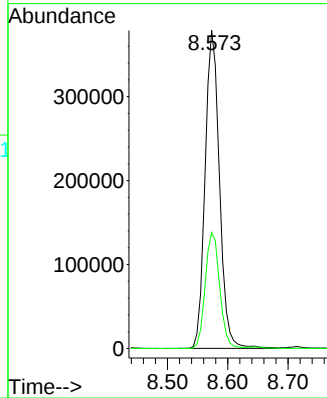
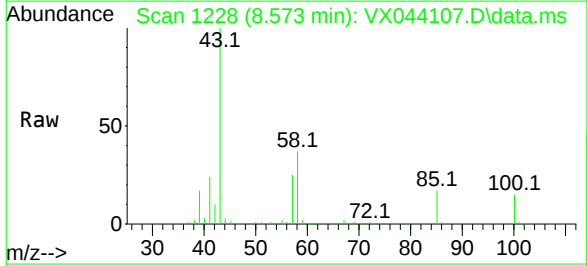
#51
4-Methyl-2-Pentanone
Concen: 272.168 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 627669
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0

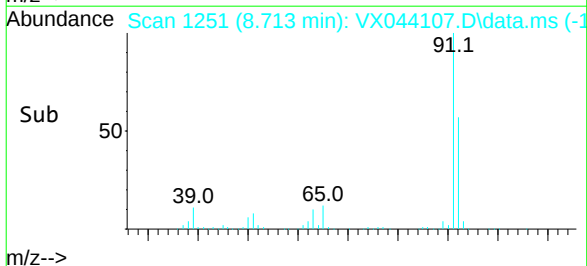
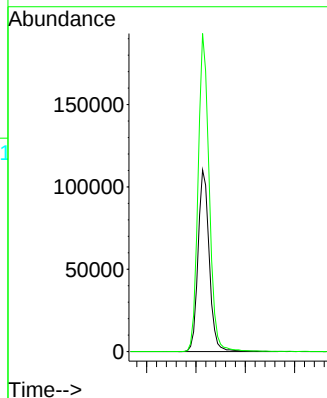
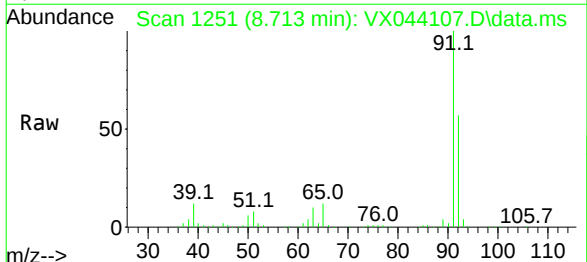
Manual Integrations
APPROVED

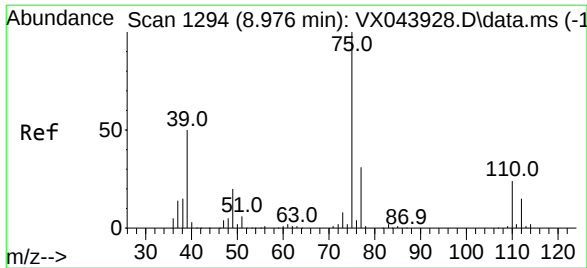
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#52
Toluene
Concen: 48.588 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

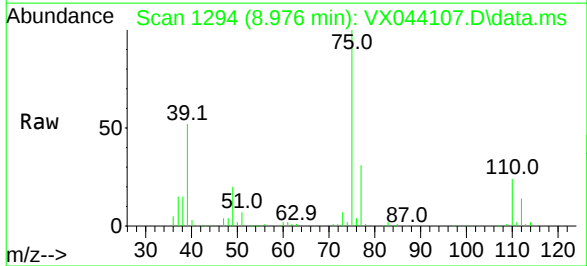
Tgt Ion: 92 Resp: 173289
Ion Ratio Lower Upper
92 100
91 174.1 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 52.846 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

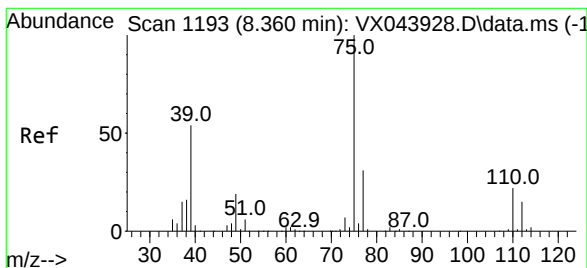
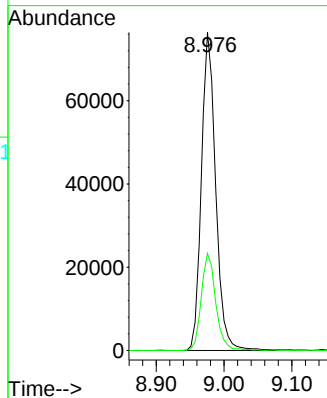
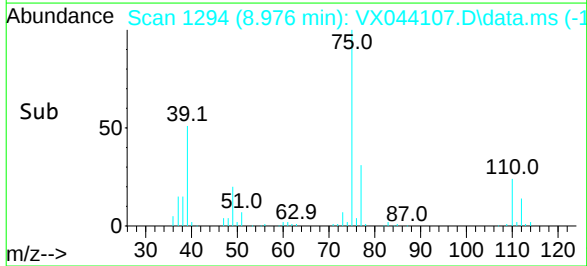
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



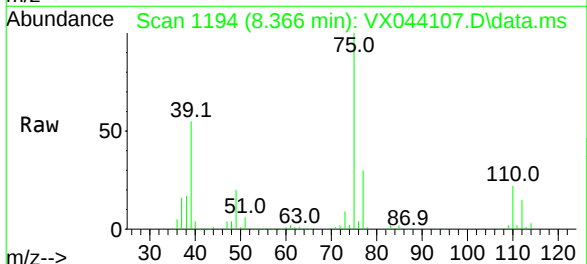
Tgt Ion: 75 Resp: 111582
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7

Manual Integrations
APPROVED

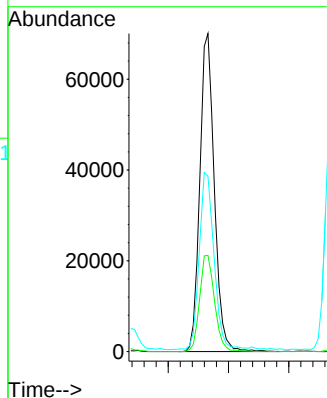
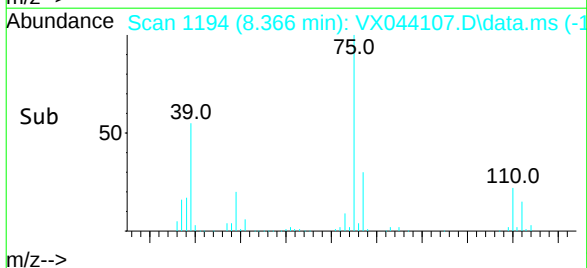
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

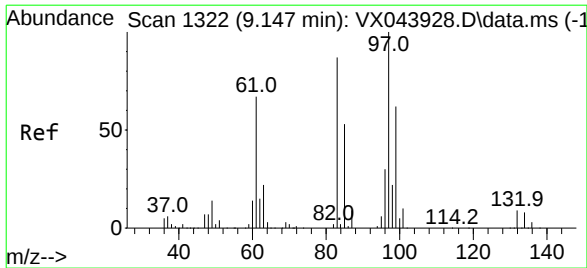


#54
cis-1,3-Dichloropropene
Concen: 50.466 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



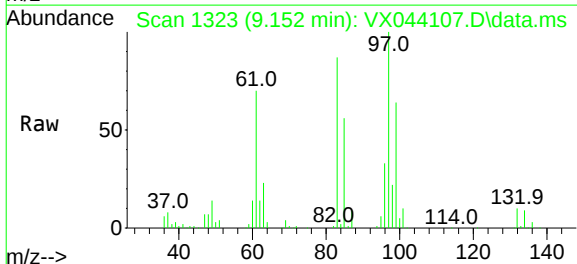
Tgt Ion: 75 Resp: 116812
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8
39 54.3 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.003 ug/l
RT: 9.152 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

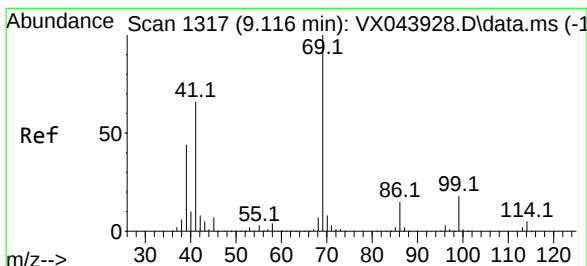
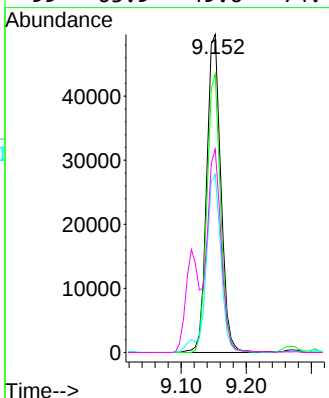
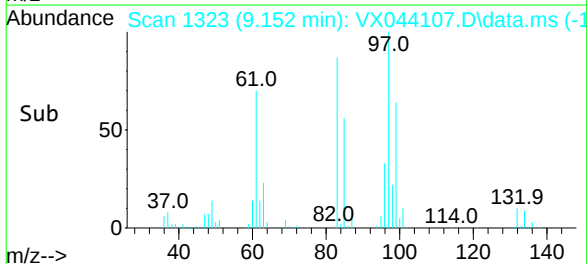
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



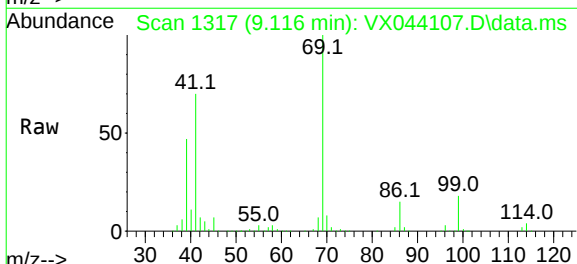
Tgt Ion:	97	Resp:	75088
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.0
85	56.0	42.3	63.5
99	63.9	49.6	74.4

Manual Integrations
APPROVED

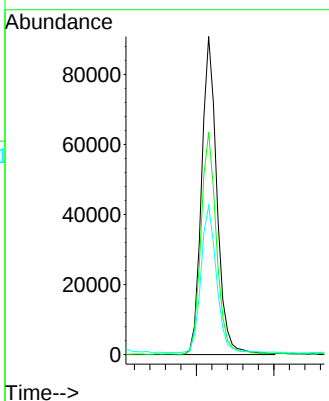
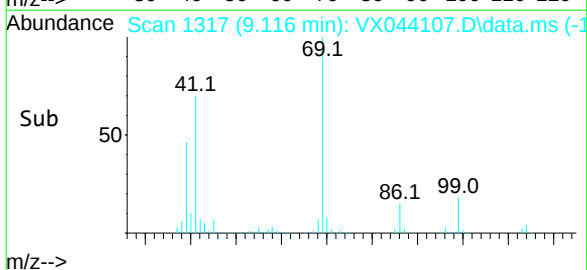
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

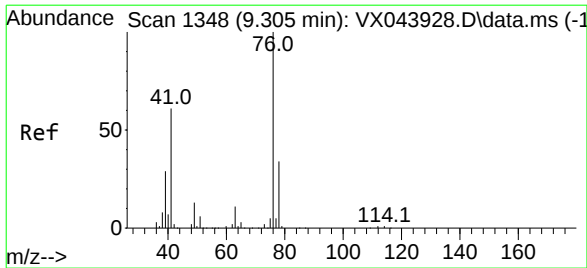


#56
Ethyl methacrylate
Concen: 54.699 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



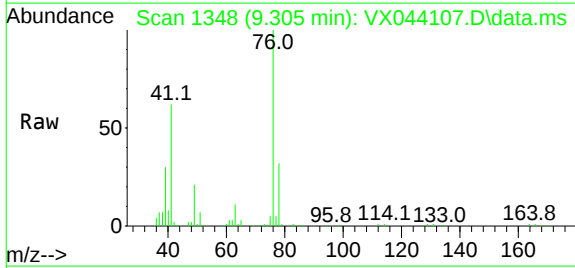
Tgt Ion:	69	Resp:	125432
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	47.8	36.7	55.1





#57
1,3-Dichloropropane
Concen: 51.750 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

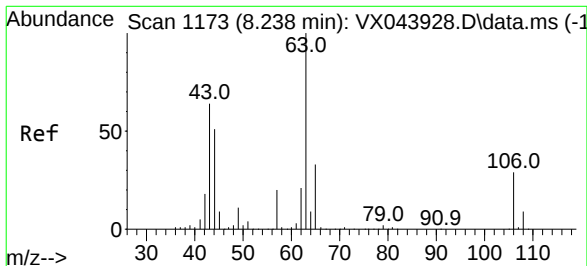
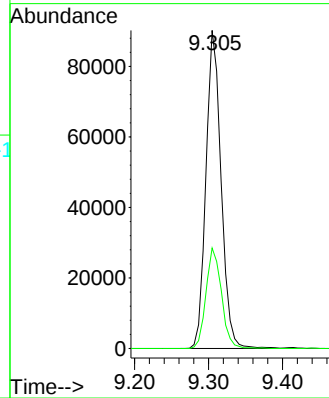
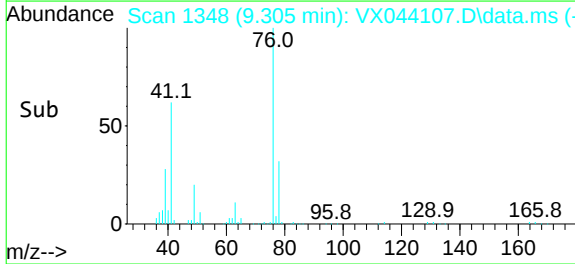
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 128343
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

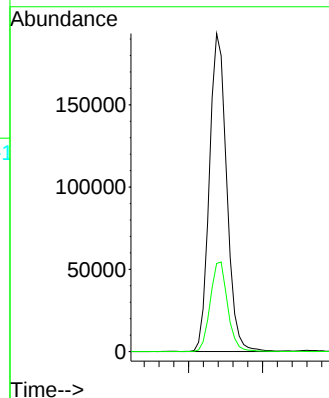
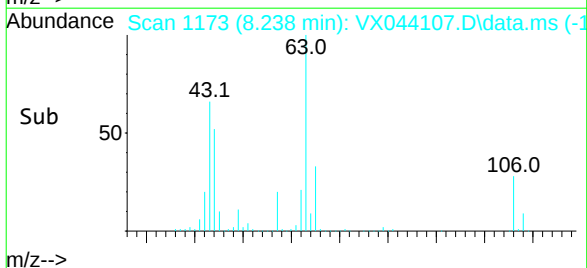
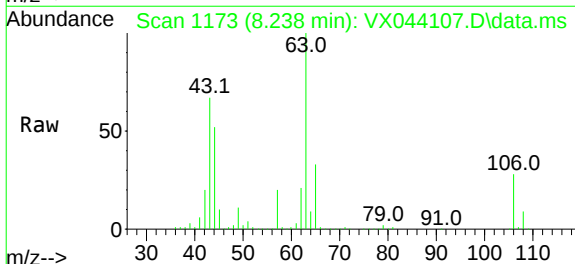
Manual Integrations
APPROVED

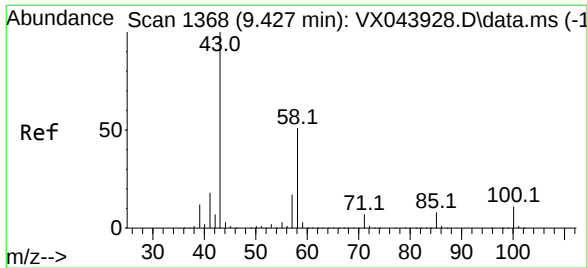
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 249.660 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

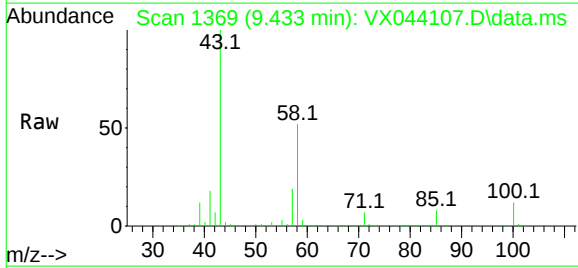
Tgt Ion: 63 Resp: 313791
Ion Ratio Lower Upper
63 100
106 28.3 23.0 34.6





#59
2-Hexanone
Concen: 270.449 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

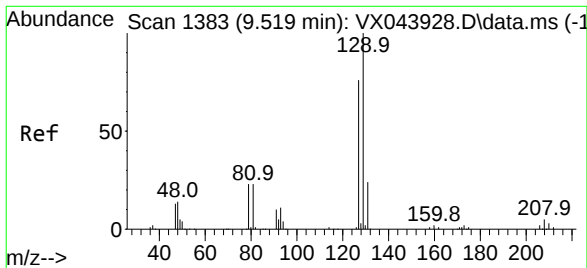
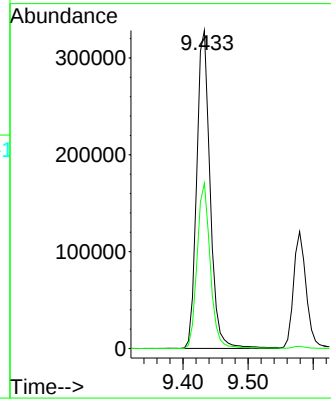
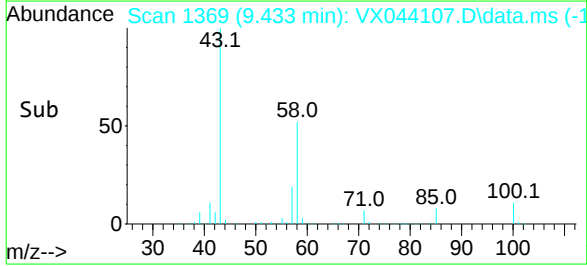
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 468792
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.6

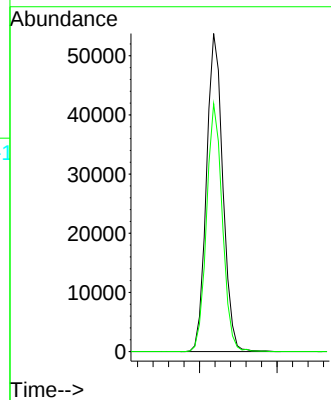
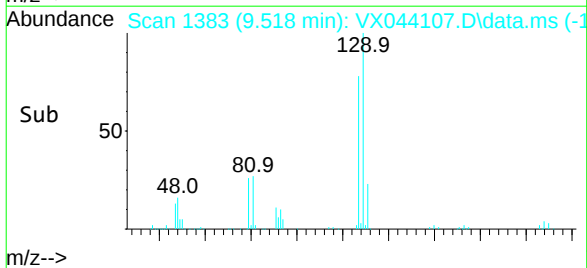
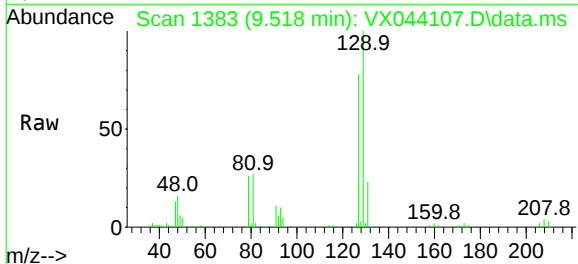
Manual Integrations
APPROVED

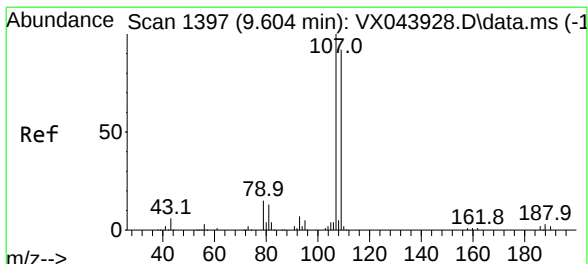
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#60
Dibromochloromethane
Concen: 53.296 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion:129 Resp: 78726
Ion Ratio Lower Upper
129 100
127 75.3 38.2 114.6





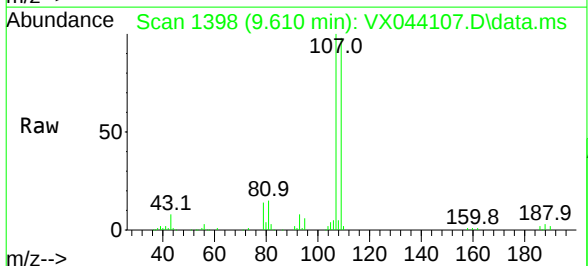
#61
 1,2-Dibromoethane
 Concen: 52.332 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

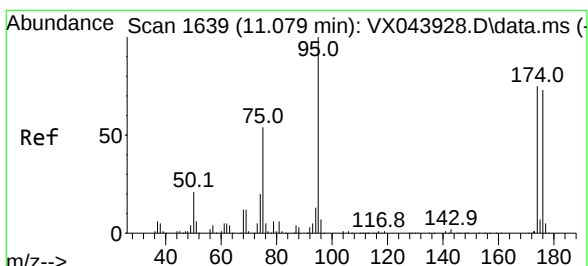
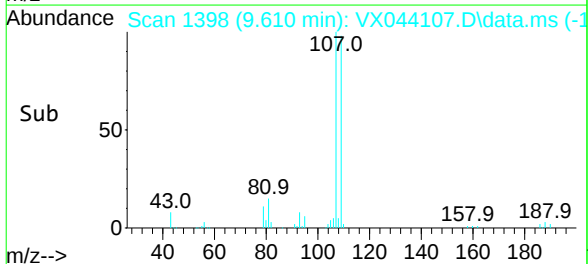
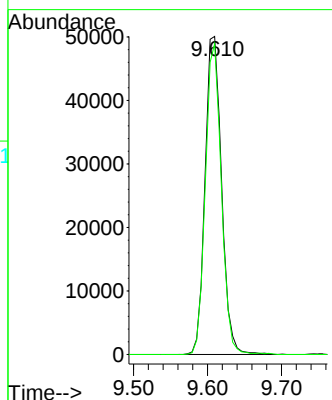
VSTDCCC050EC



Tgt Ion: 107 Resp: 77904
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.2 112.8

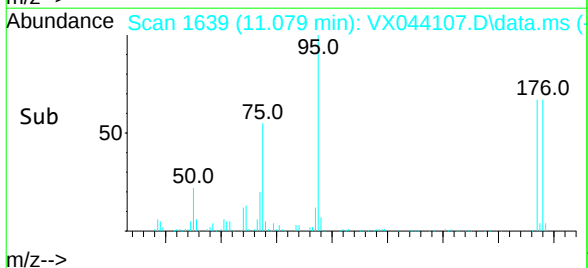
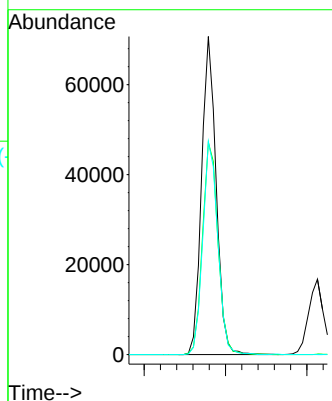
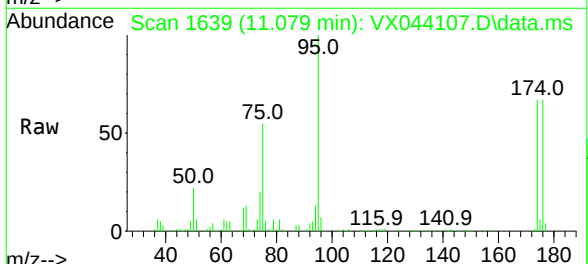
Manual Integrations
 APPROVED

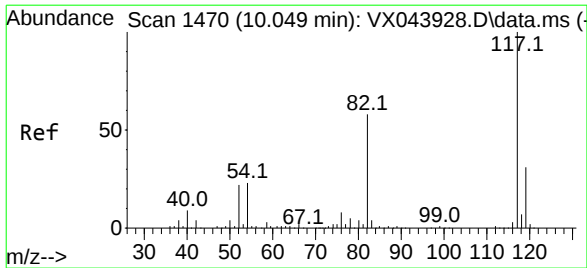
Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024



#62
 4-Bromofluorobenzene
 Concen: 48.826 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.001 min
 Lab File: VX044107.D
 Acq: 03 Dec 2024 20:41

Tgt Ion: 95 Resp: 87932
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 150.4
 176 68.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

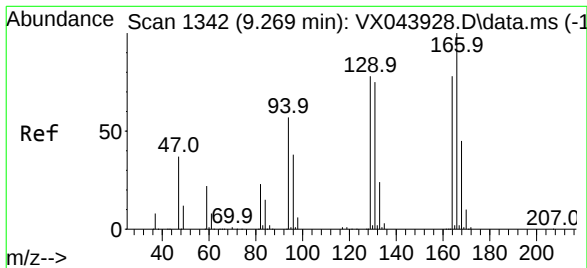
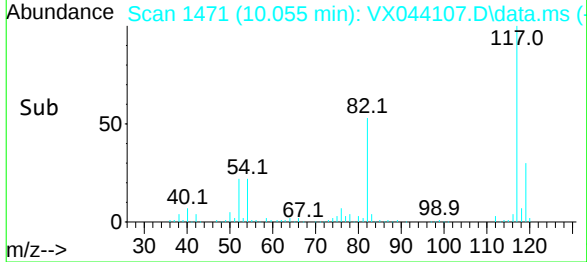
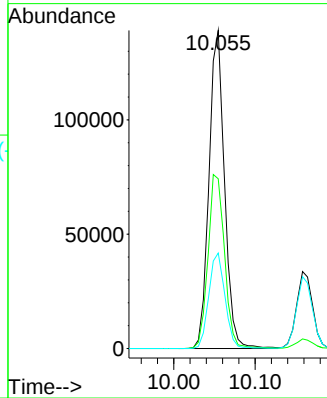
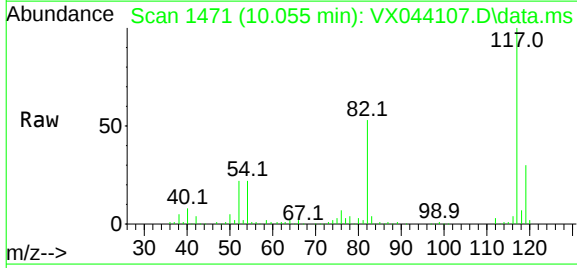
Tgt Ion:	117	Resp:	184496
Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.4	69.6
119	30.0	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#64

Tetrachloroethene

Concen: 46.862 ug/l

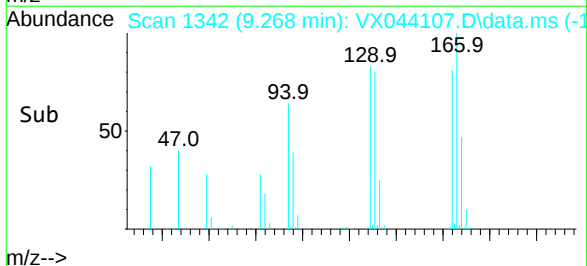
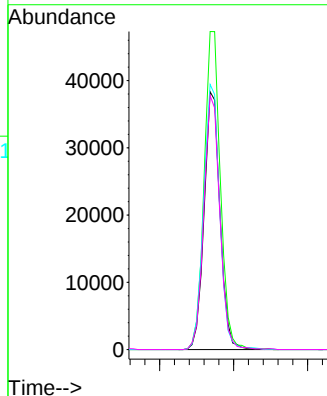
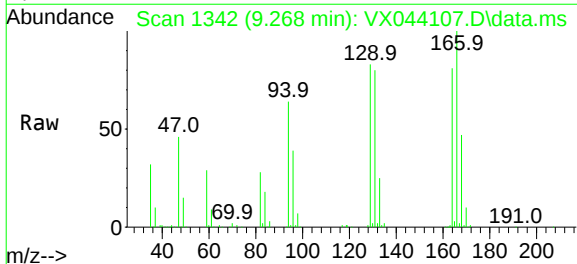
RT: 9.268 min Scan# 1342

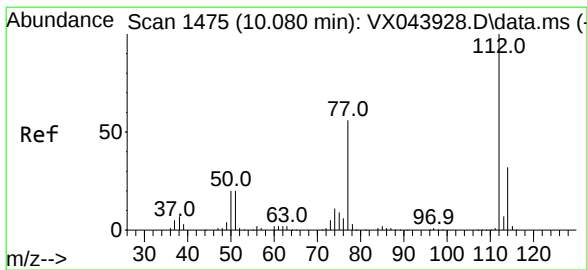
Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	164	Resp:	57008
Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.1	153.1
129	102.8	79.6	119.4
131	98.5	76.9	115.3





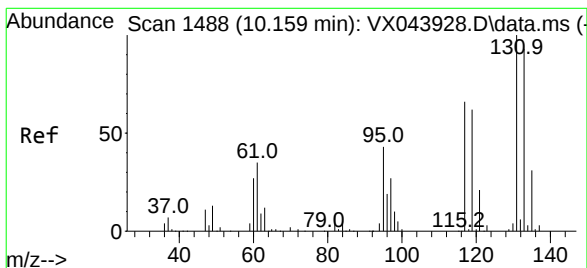
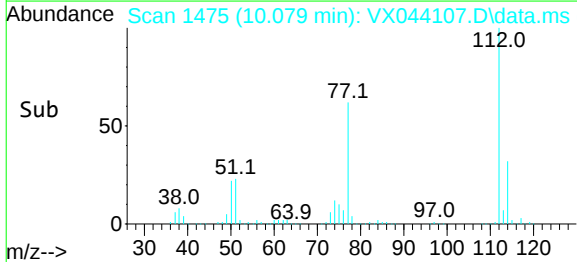
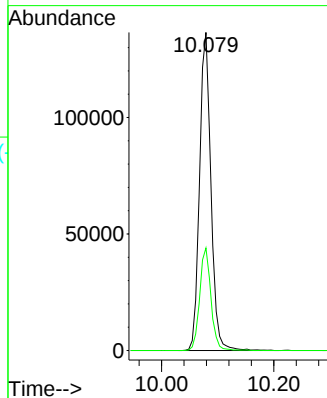
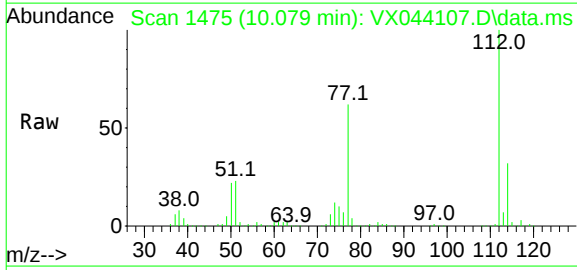
#65
Chlorobenzene
Concen: 47.326 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 191763
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

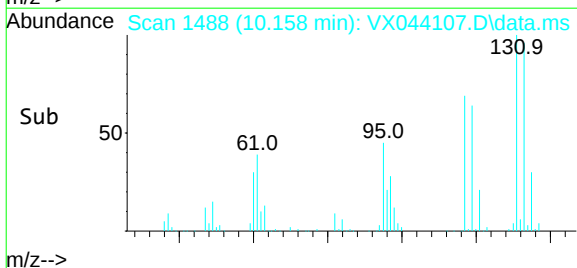
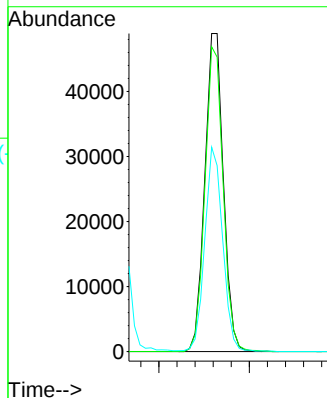
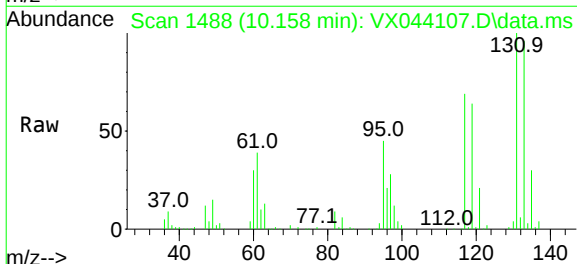
Manual Integrations
APPROVED

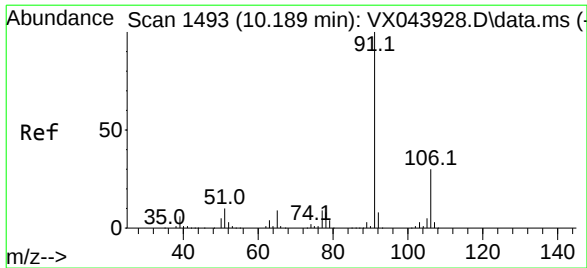
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.110 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion:131 Resp: 69792
Ion Ratio Lower Upper
131 100
133 93.9 48.2 144.6
119 62.1 31.5 94.5





#67

Ethyl Benzene

Concen: 50.107 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 344031

Ion Ratio Lower Upper

91 100

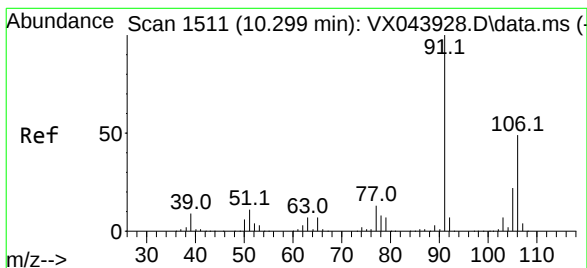
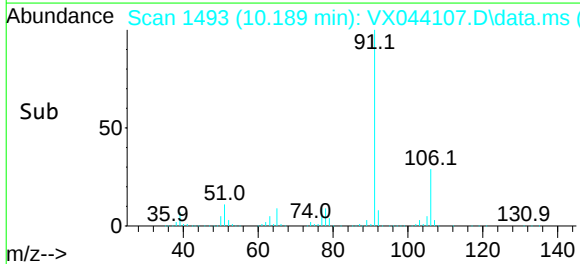
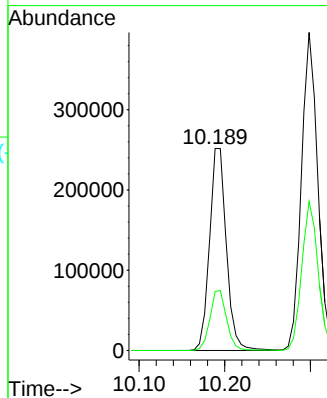
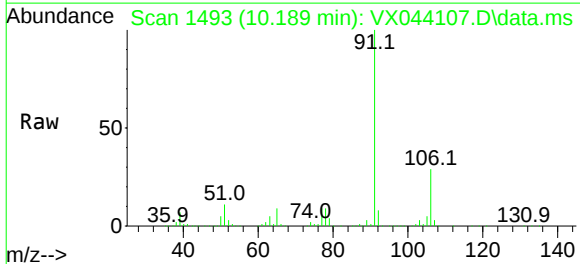
106 29.2 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#68

m/p-Xylenes

Concen: 97.225 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044107.D

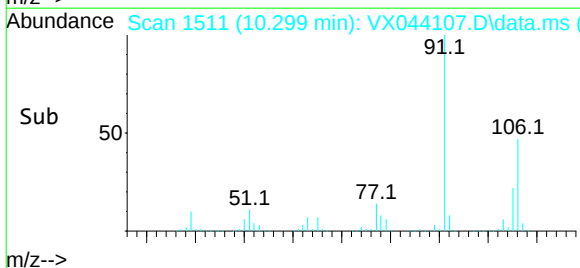
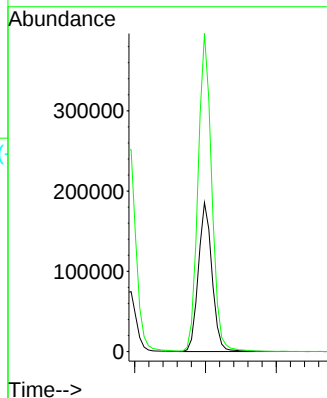
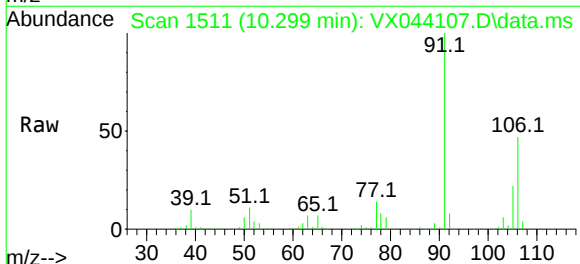
Acq: 03 Dec 2024 20:41

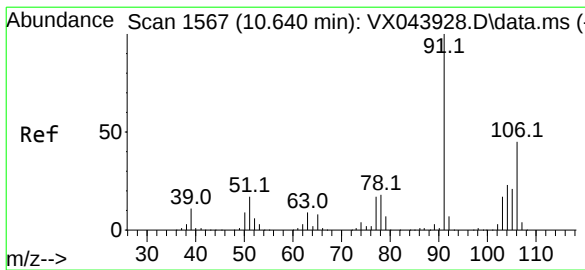
Tgt Ion:106 Resp: 248942

Ion Ratio Lower Upper

106 100

91 213.2 168.1 252.1





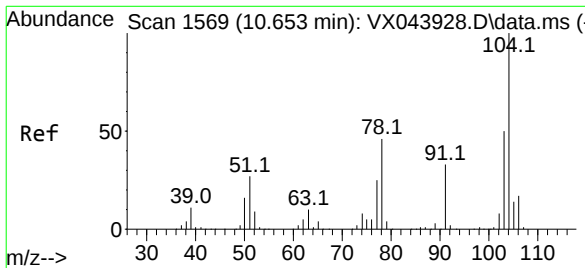
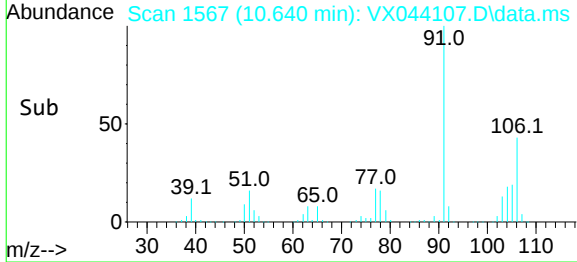
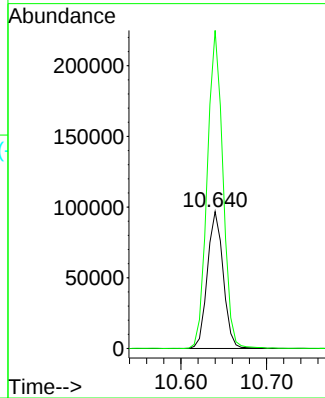
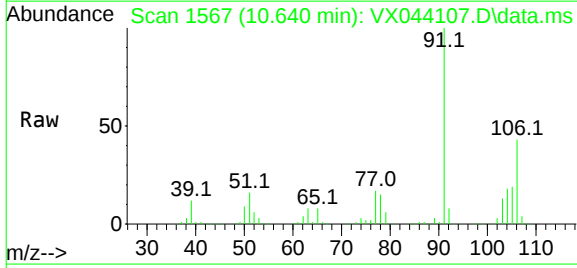
#69
o-Xylene
Concen: 49.675 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 124184
Ion Ratio Lower Upper
106 100
91 230.2 110.2 330.6

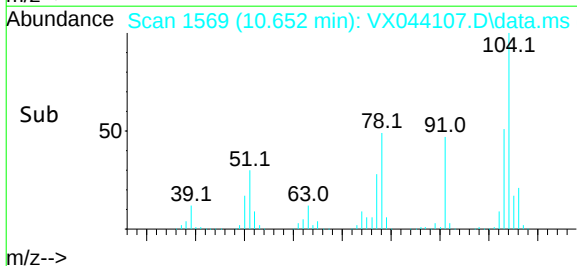
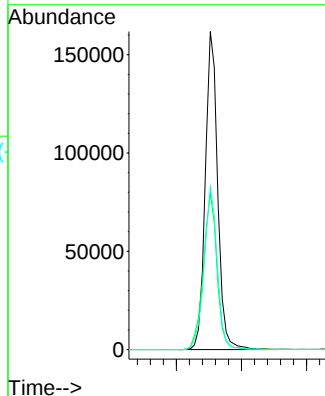
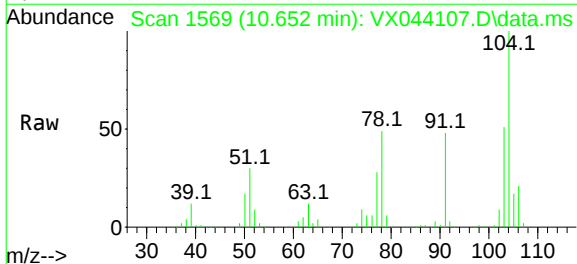
Manual Integrations
APPROVED

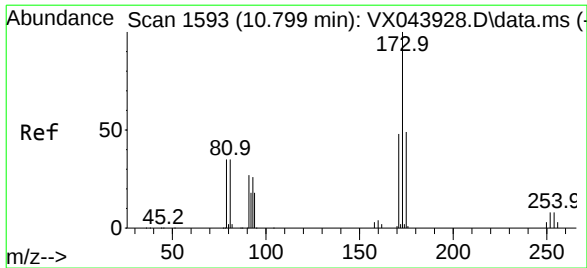
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#70
Styrene
Concen: 51.764 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion:104 Resp: 214033
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.2
103 54.5 44.7 67.1





#71

Bromoform

Concen: 45.999 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

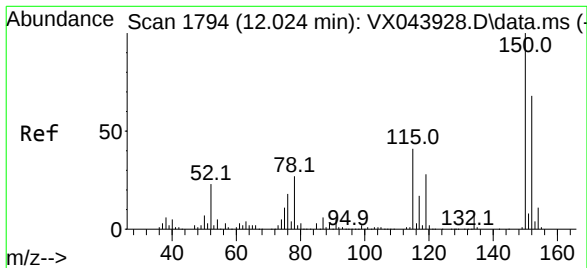
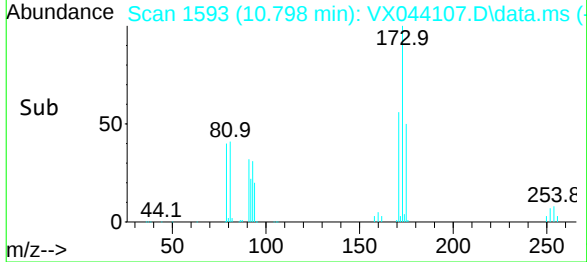
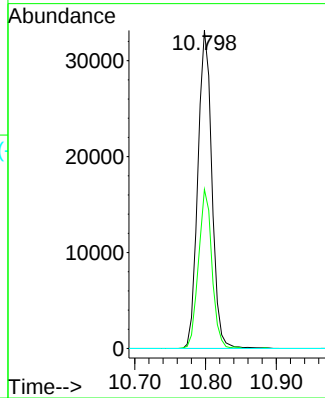
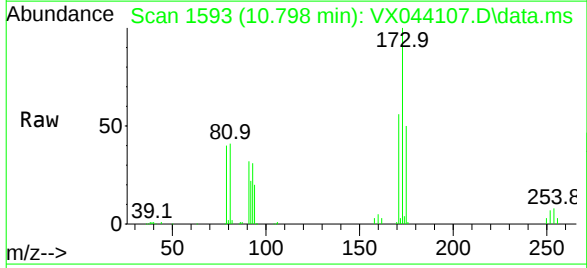
Tgt Ion:	173	Resp:	45631
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

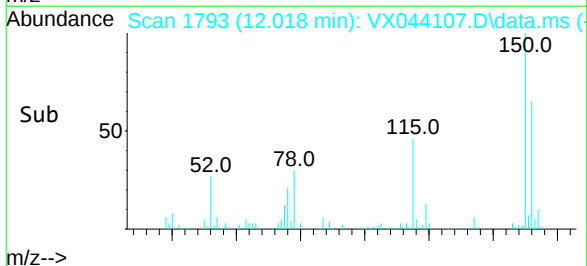
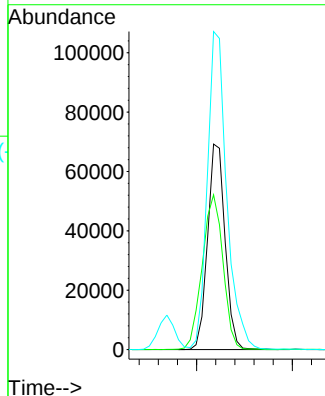
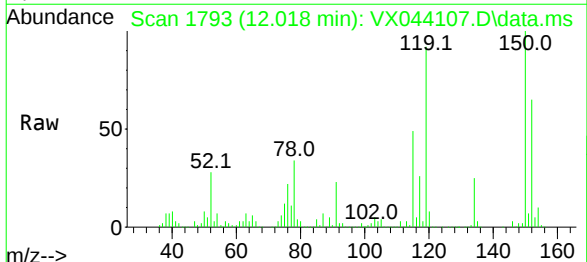
RT: 12.018 min Scan# 1793

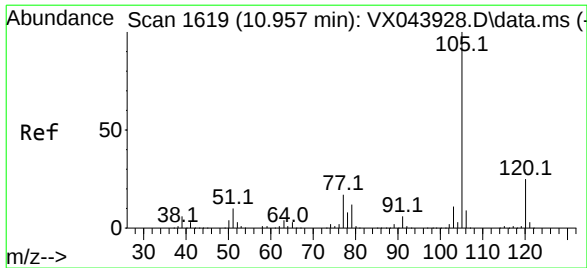
Delta R.T. -0.007 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	152	Resp:	87967
Ion Ratio	Lower	Upper	
152	100		
115	89.4	45.4	136.2
150	172.0	0.0	353.0





#73

Isopropylbenzene

Concen: 48.357 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 326988

Ion Ratio Lower Upper

105 100

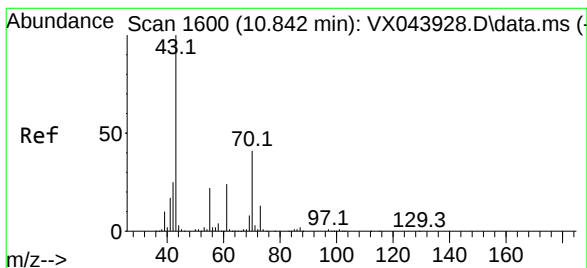
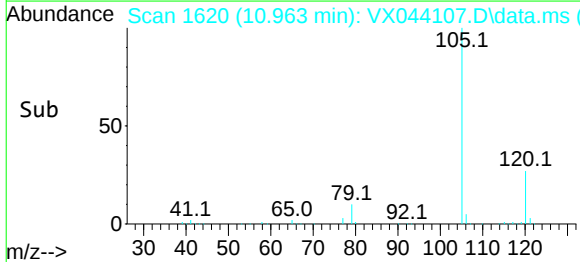
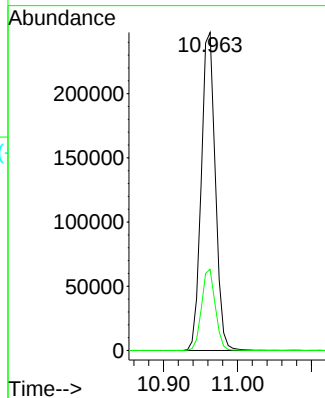
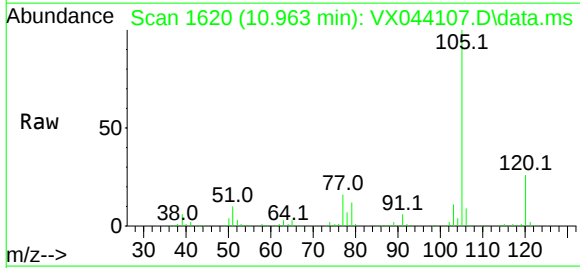
120 25.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#74

N-ethyl acetate

Concen: 54.045 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion: 43 Resp: 169294

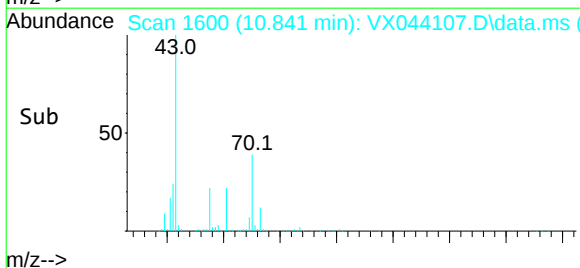
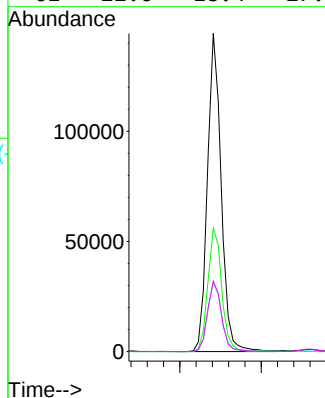
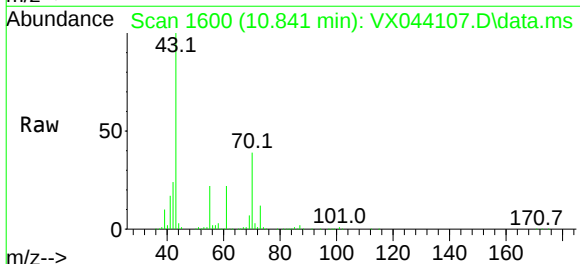
Ion Ratio Lower Upper

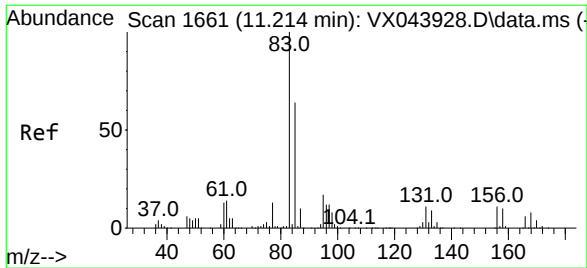
43 100

70 39.4 32.2 48.2

55 22.1 18.1 27.1

61 22.6 18.4 27.6





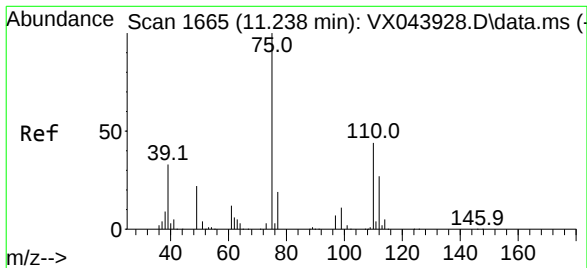
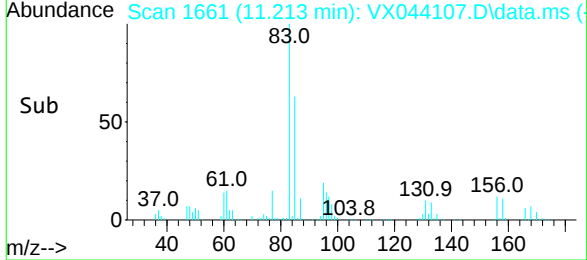
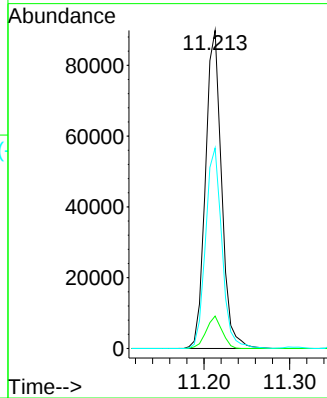
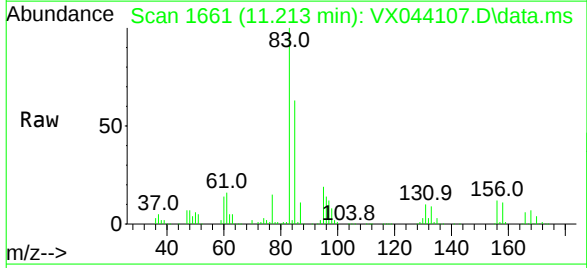
#75
1,1,2,2-Tetrachloroethane
Concen: 50.635 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	83	Resp	117237
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	64.1	32.2	96.6

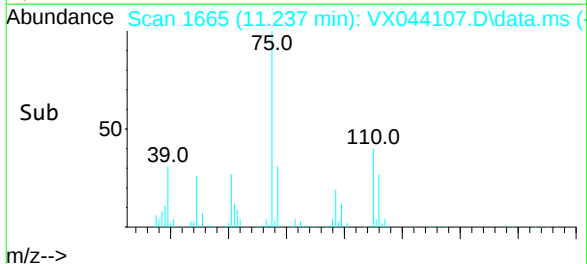
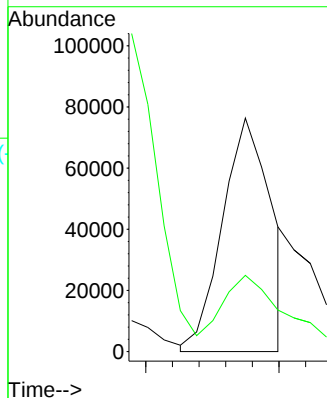
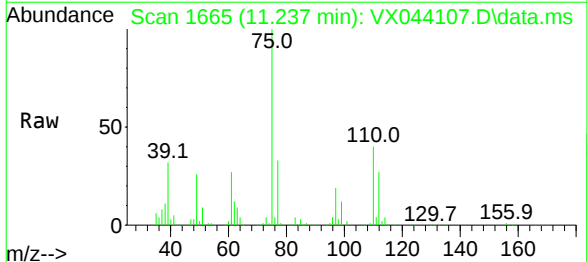
Manual Integrations
APPROVED

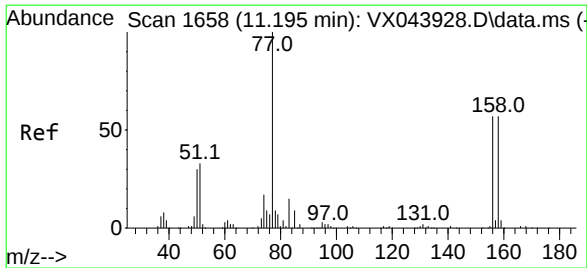
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#76
1,2,3-Trichloropropane
Concen: 50.130 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

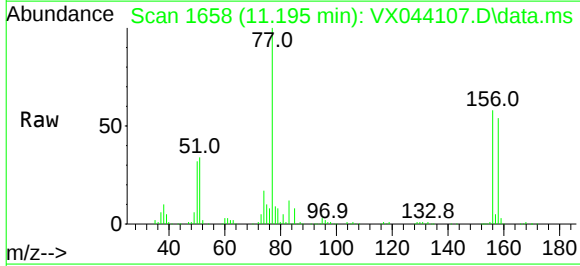
Tgt Ion	75	Resp	96705
Ion	Ratio	Lower	Upper
75	100		
77	43.7	21.8	65.3





#77
Bromobenzene
Concen: 48.068 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

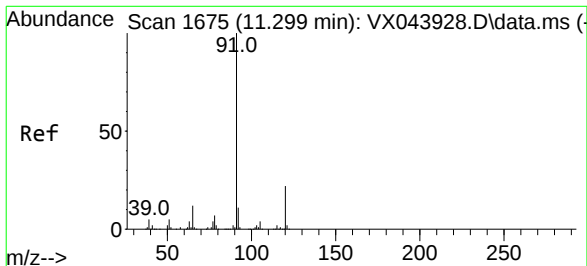
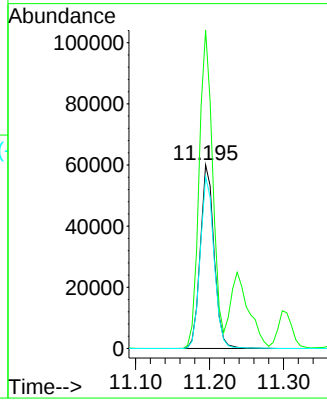
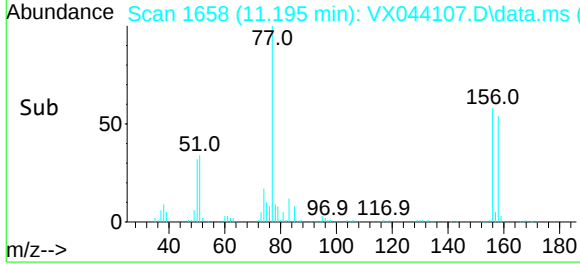
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



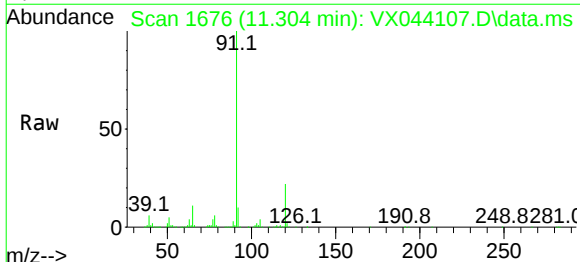
Tgt Ion:156 Resp: 77537
Ion Ratio Lower Upper
156 100
77 171.9 83.4 250.1
158 94.4 47.6 142.8

Manual Integrations
APPROVED

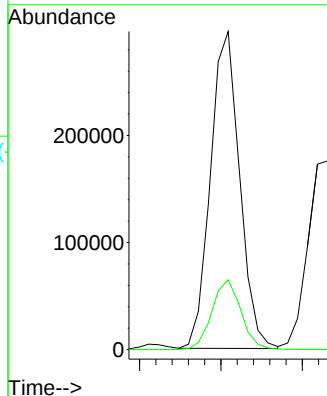
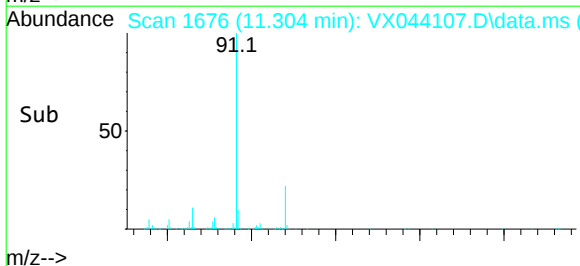
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

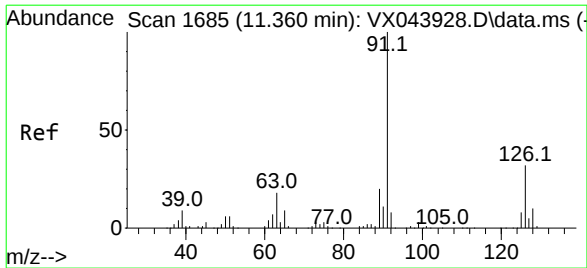


#78
n-propylbenzene
Concen: 48.772 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 91 Resp: 368334
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.899 ug/l

RT: 11.365 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 228741

Ion Ratio Lower Upper

91 100

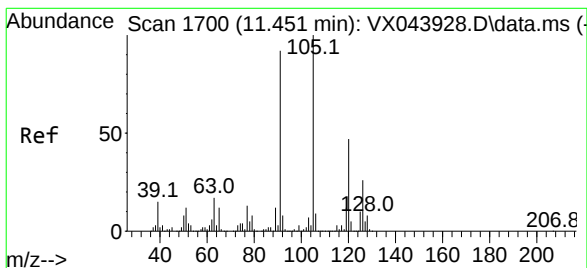
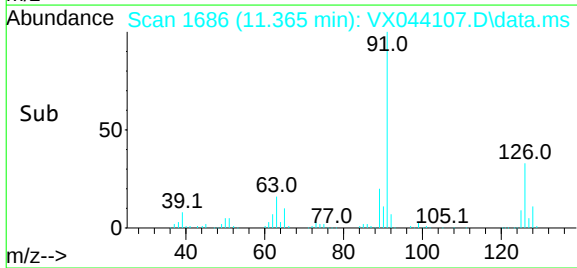
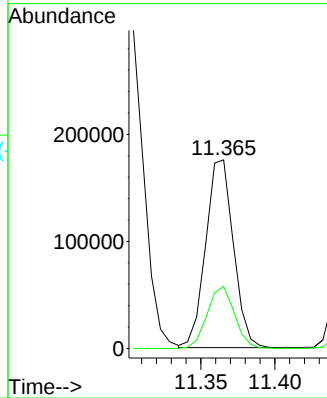
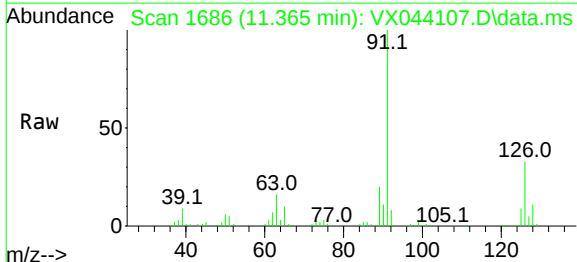
126 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 49.331 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX044107.D

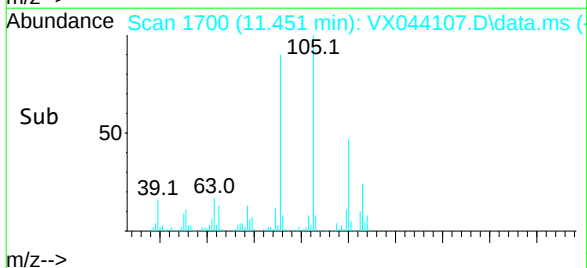
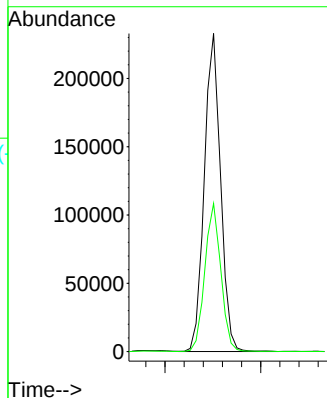
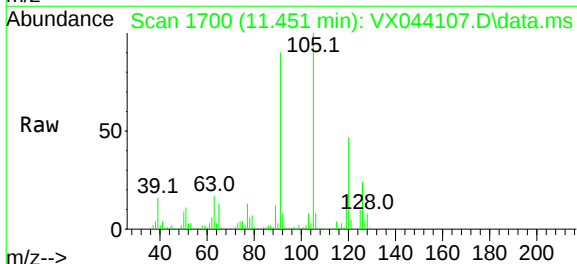
Acq: 03 Dec 2024 20:41

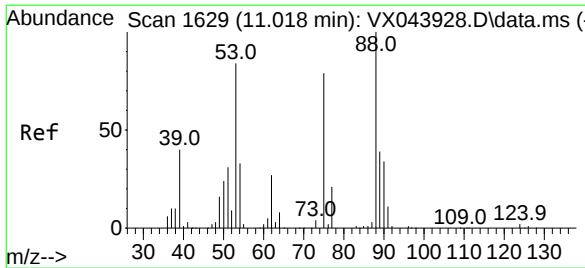
Tgt Ion:105 Resp: 274431

Ion Ratio Lower Upper

105 100

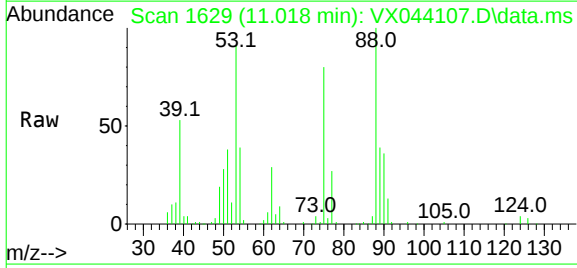
120 45.9 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.939 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

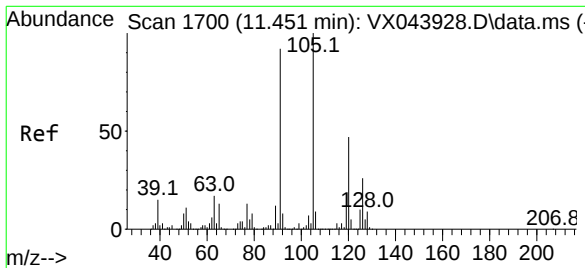
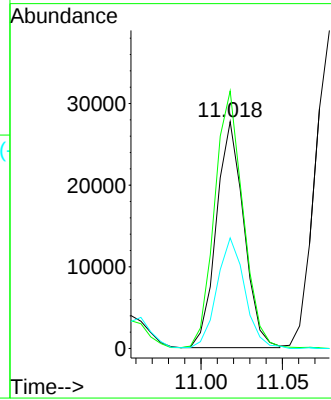
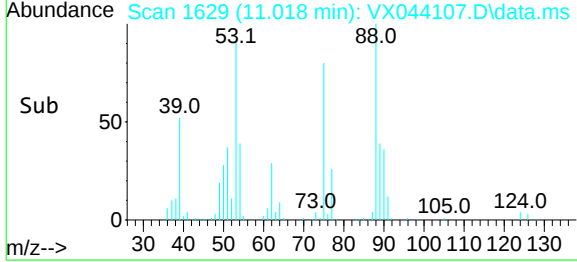
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32477
Ion Ratio Lower Upper
75 100
53 118.9 86.7 130.1
89 49.6 38.2 57.2

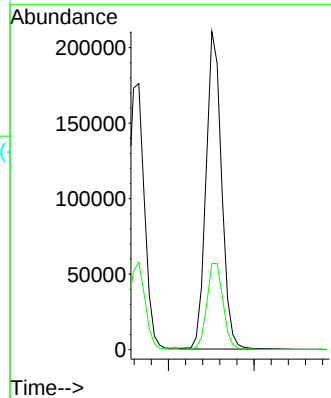
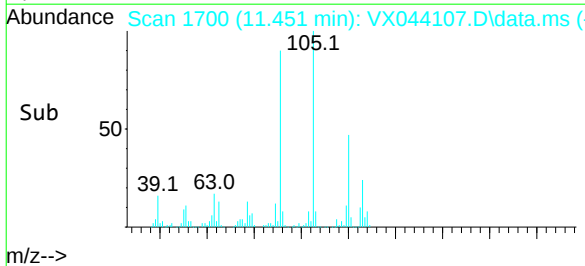
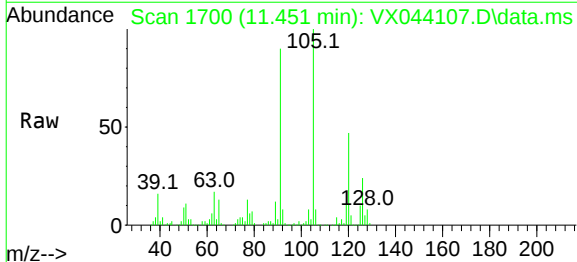
Manual Integrations
APPROVED

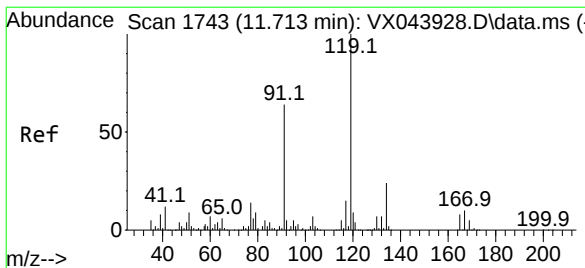
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#82
4-Chlorotoluene
Concen: 49.192 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

Tgt Ion: 91 Resp: 265214
Ion Ratio Lower Upper
91 100
126 28.3 14.3 42.9





#83

tert-Butylbenzene

Concen: 49.263 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

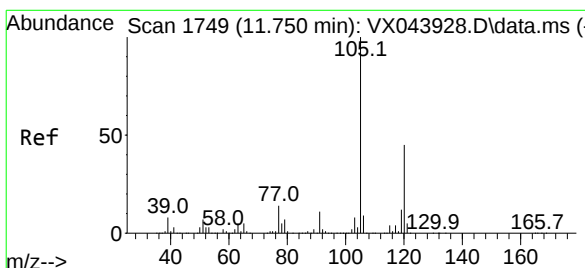
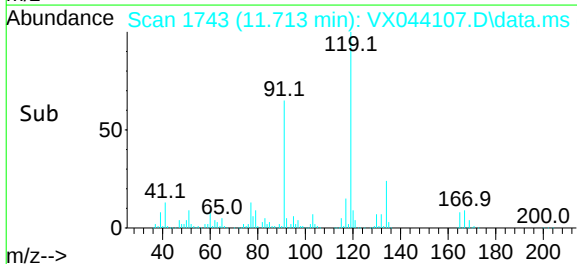
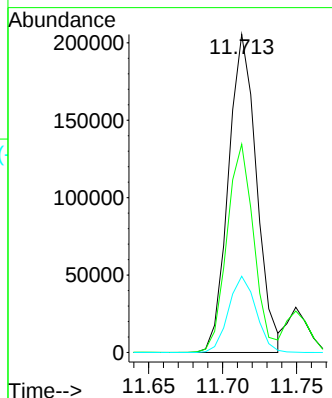
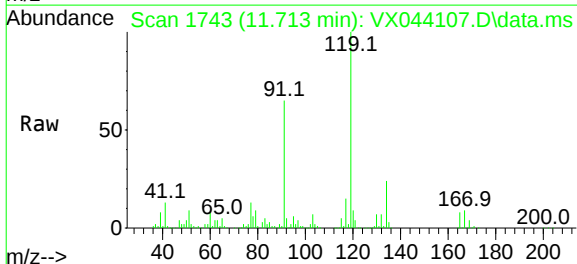
Tgt Ion:	119	Resp:	271637
Ion Ratio	Lower	Upper	
119	100		
91	62.8	31.0	93.0
134	23.4	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.481 ug/l

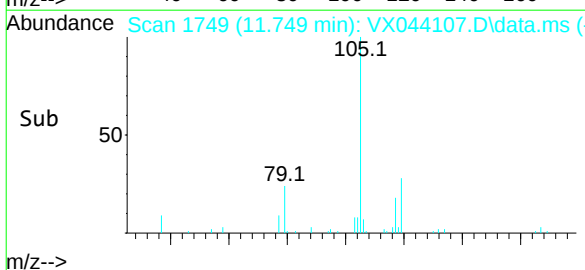
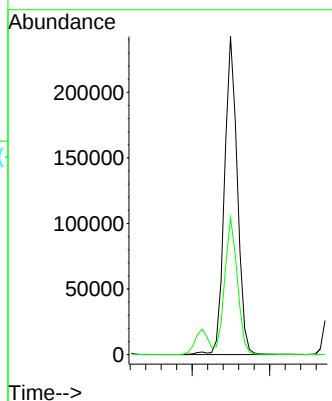
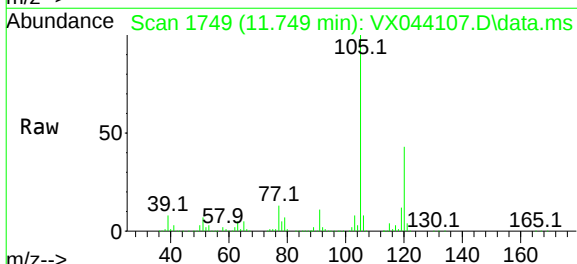
RT: 11.749 min Scan# 1749

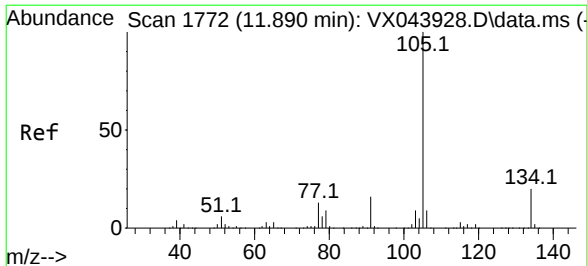
Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	105	Resp:	279591
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.9	65.7





#85

sec-Butylbenzene

Concen: 48.097 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 324935

Ion Ratio Lower Upper

105 100

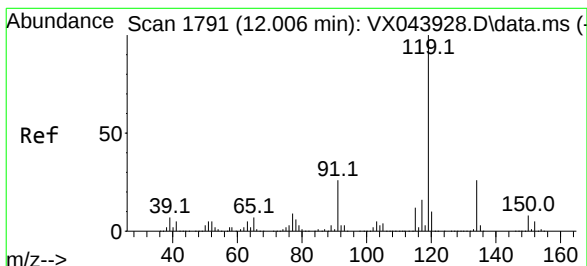
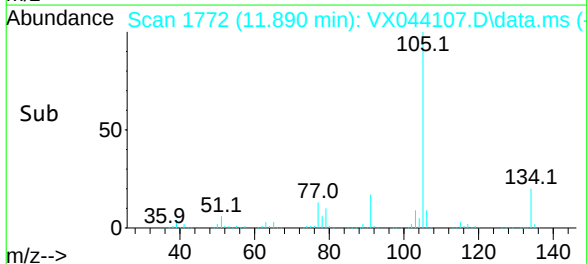
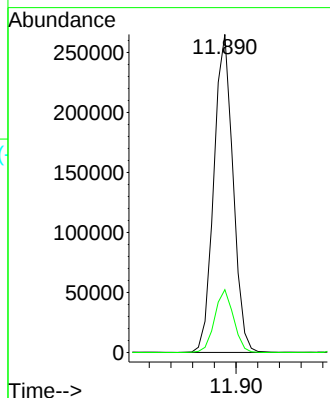
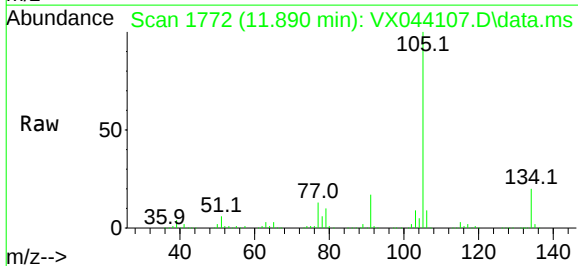
134 19.4 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#86

p-Isopropyltoluene

Concen: 50.361 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

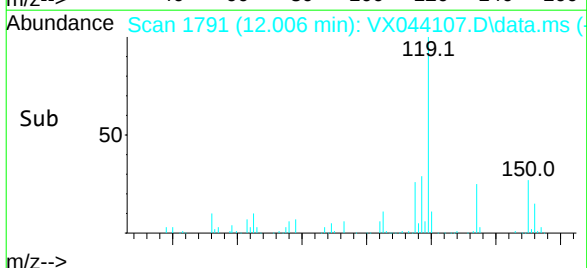
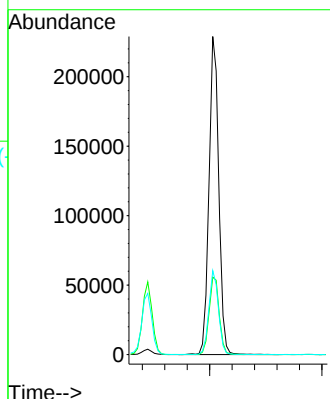
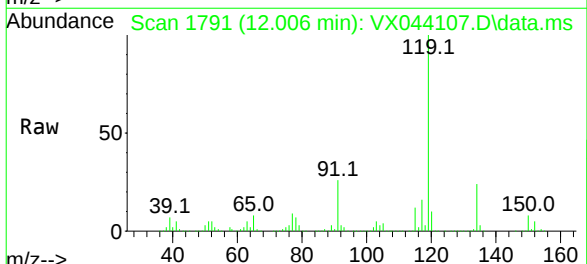
Tgt Ion:119 Resp: 276368

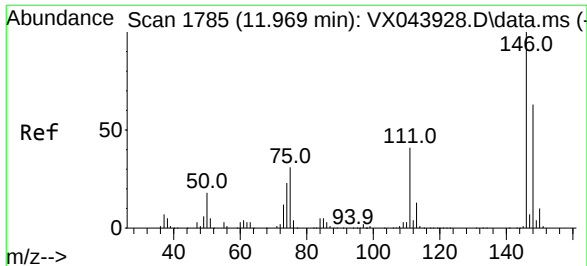
Ion Ratio Lower Upper

119 100

134 25.3 13.0 38.9

91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 47.948 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 140865

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

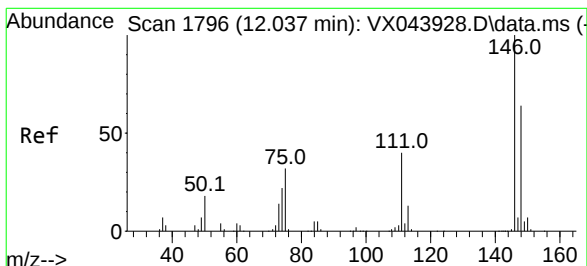
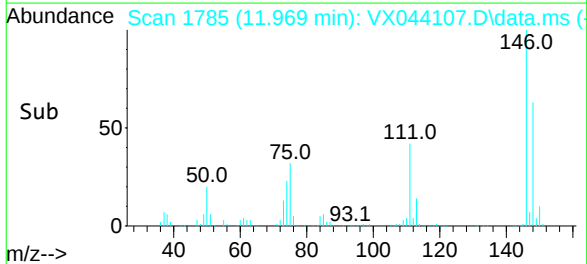
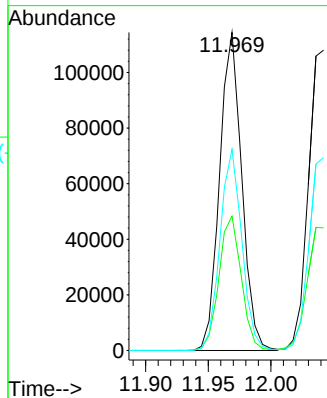
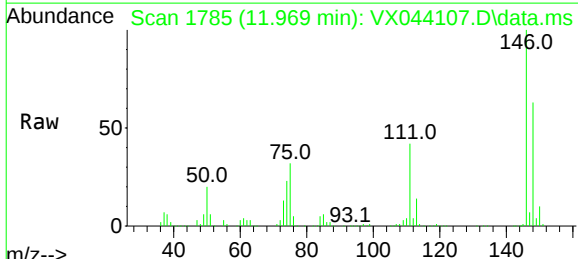
148 62.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#88

1,4-Dichlorobenzene

Concen: 47.774 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

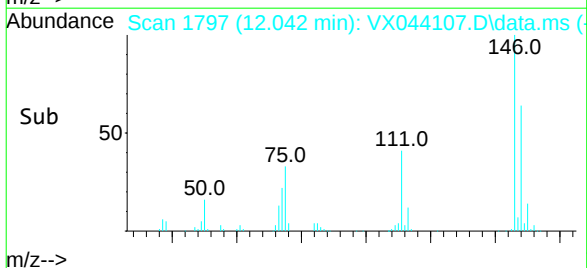
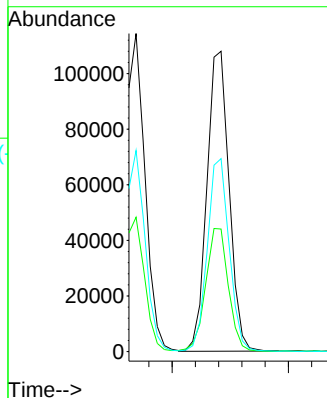
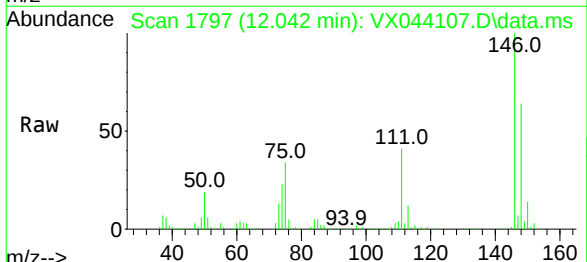
Tgt Ion:146 Resp: 143096

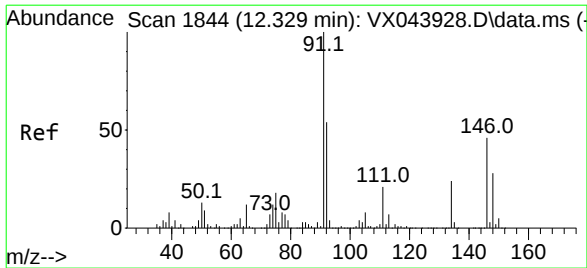
Ion Ratio Lower Upper

146 100

111 42.1 20.1 60.3

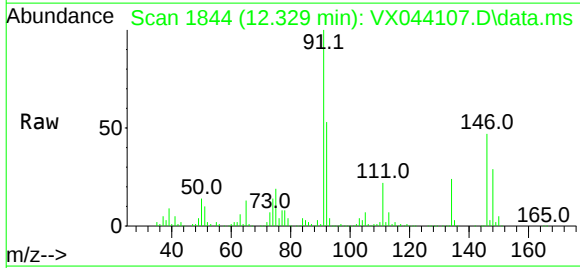
148 63.8 30.9 92.8





#89
n-Butylbenzene
Concen: 49.897 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

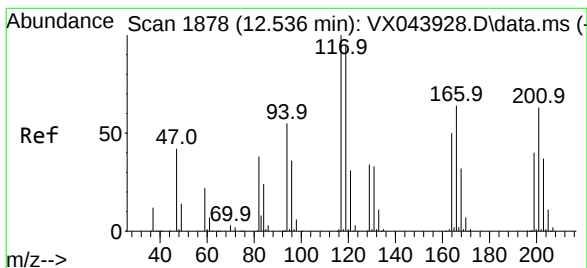
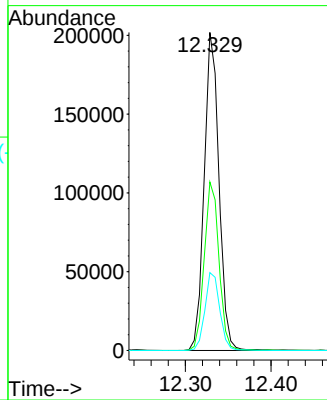
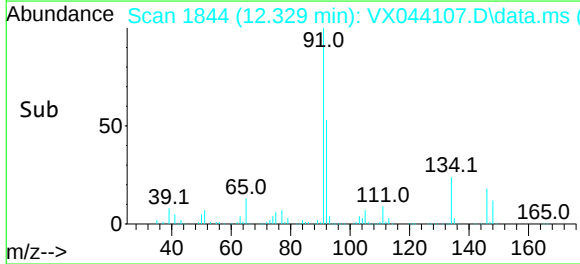
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 241416
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 24.6 12.4 37.2

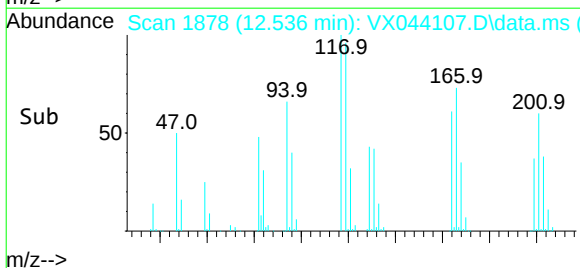
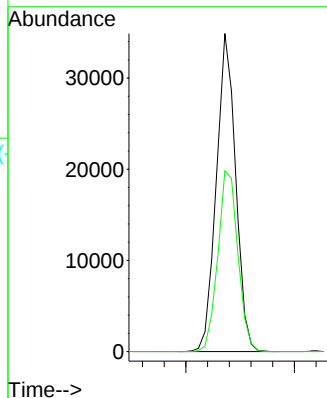
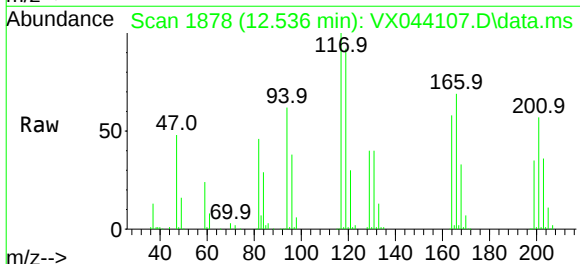
Manual Integrations
APPROVED

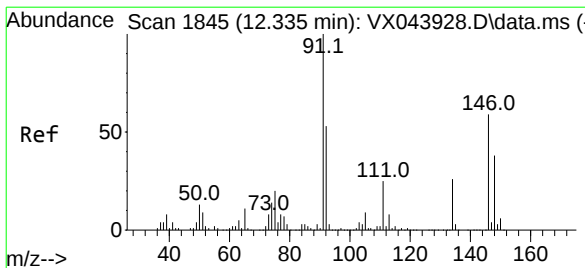
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#90
Hexachloroethane
Concen: 46.187 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

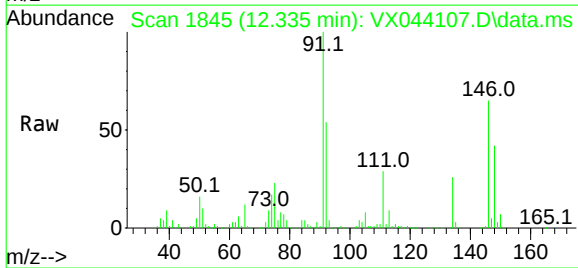
Tgt Ion:117 Resp: 43099
Ion Ratio Lower Upper
117 100
201 59.0 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 47.922 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41

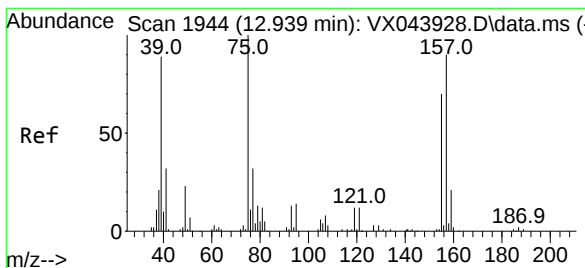
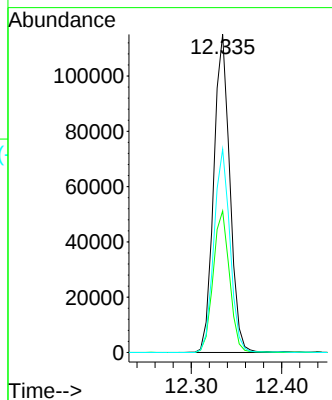
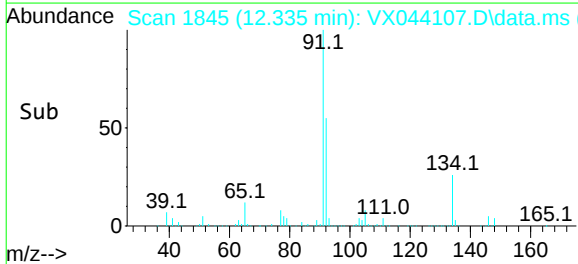
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



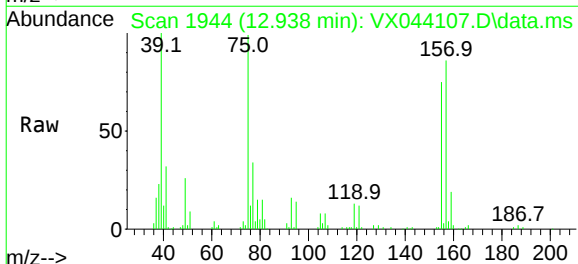
Tgt Ion: 146 Resp: 142082
Ion Ratio Lower Upper
146 100
111 45.2 21.5 64.5
148 63.8 31.9 95.5

Manual Integrations
APPROVED

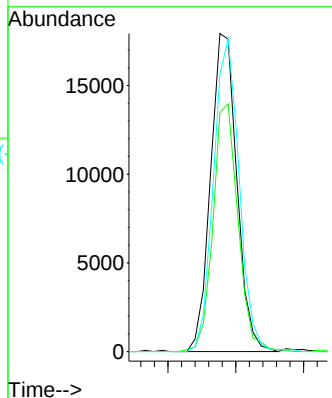
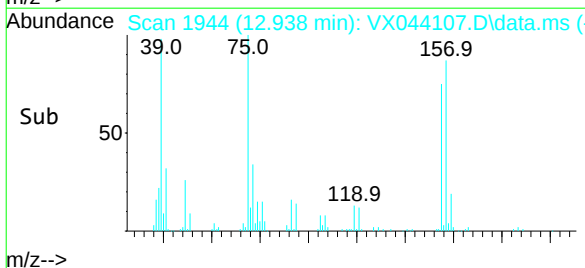
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

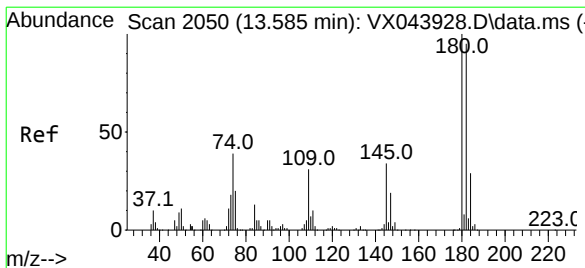


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.882 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VX044107.D
Acq: 03 Dec 2024 20:41



Tgt Ion: 75 Resp: 24070
Ion Ratio Lower Upper
75 100
155 74.3 40.1 120.2
157 96.2 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 47.426 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 82899

Ion Ratio Lower Upper

180 100

182 94.0 48.0 144.2

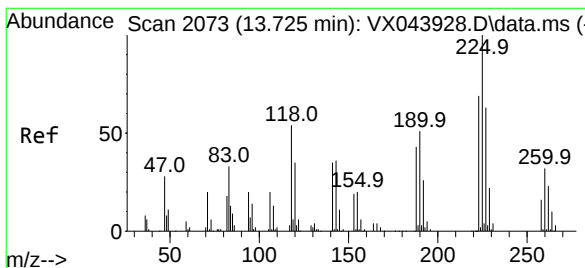
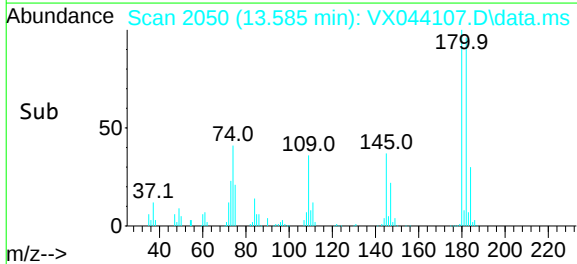
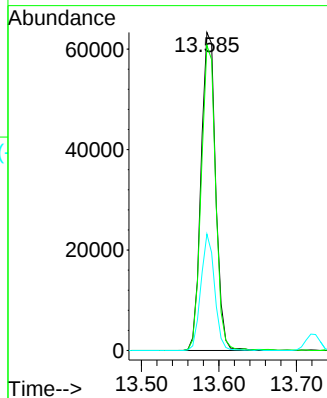
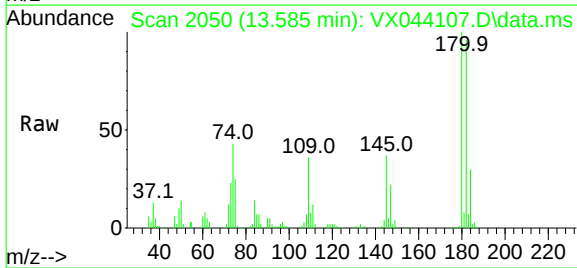
145 34.4 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#94

Hexachlorobutadiene

Concen: 44.804 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

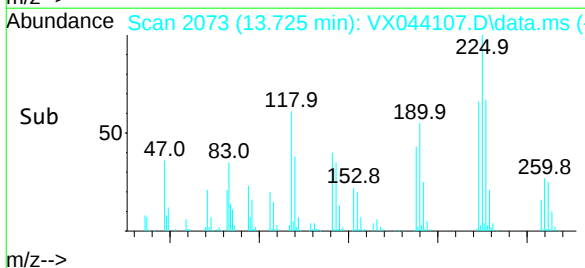
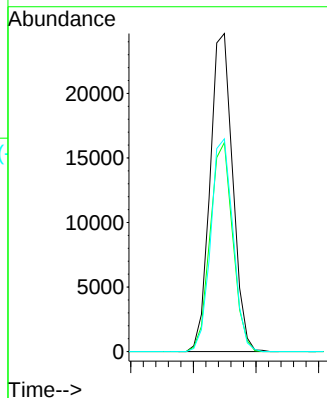
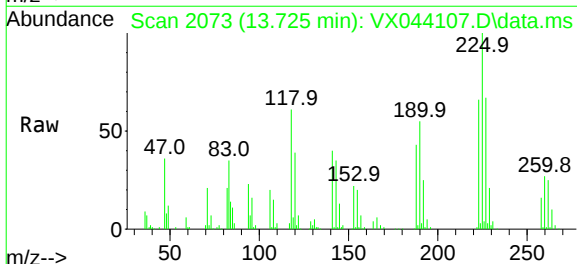
Tgt Ion:225 Resp: 30952

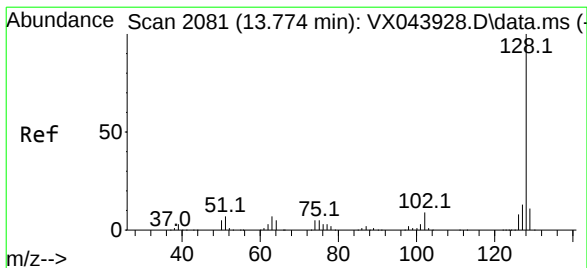
Ion Ratio Lower Upper

225 100

223 65.6 32.9 98.6

227 65.9 31.6 94.8





#95

Naphthalene

Concen: 59.190 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

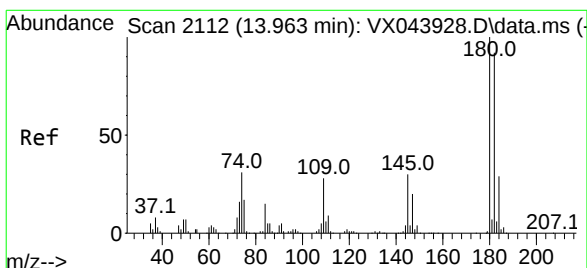
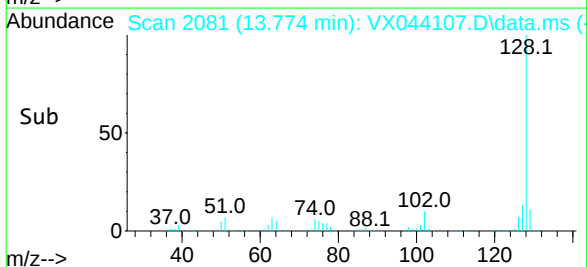
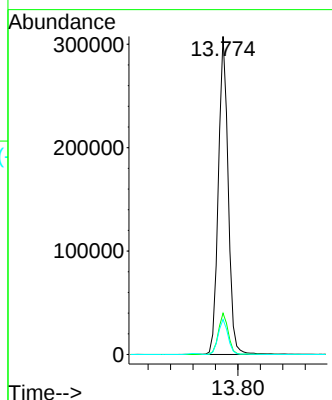
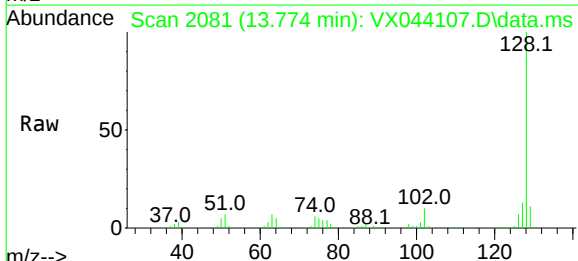
Tgt Ion:	128	Resp:	372432
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.582 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.007 min

Lab File: VX044107.D

Acq: 03 Dec 2024 20:41

Tgt Ion:	180	Resp:	87720
Ion	Ratio	Lower	Upper
180	100		
182	94.8	45.6	136.8
145	35.2	16.4	49.4

