

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044222.D
 Acq On : 11 Dec 2024 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 04:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115815	52.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.080%
35) Dibromofluoromethane	5.385	113	85656	52.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.940%
50) Toluene-d8	8.647	98	292199	53.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	103178	54.123	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	99052	50.957	ug/l	100
3) Chloromethane	1.295	50	94981	51.097	ug/l	100
4) Vinyl Chloride	1.374	62	98852	51.045	ug/l	100
5) Bromomethane	1.593	94	69250	50.405	ug/l	100
6) Chloroethane	1.666	64	66862	55.448	ug/l	100
7) Trichlorofluoromethane	1.868	101	193676	51.086	ug/l	100
8) Diethyl Ether	2.136	74	64542	49.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	77275	50.371	ug/l	100
10) Methyl Iodide	2.441	142	106509	52.678	ug/l	100
11) Tert butyl alcohol	2.995	59	75690m	244.039	ug/l	
12) 1,1-Dichloroethene	2.307	96	74884	53.143	ug/l	100
13) Acrolein	2.239	56	116171	258.347	ug/l	100
14) Allyl chloride	2.654	41	126925	54.079	ug/l	100
15) Acrylonitrile	3.069	53	225330	261.859	ug/l	100
16) Acetone	2.392	43	239661	266.704	ug/l	100
17) Carbon Disulfide	2.502	76	144624	53.994	ug/l	100
18) Methyl Acetate	2.709	43	119808	51.710	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	289735	52.691	ug/l	100
20) Methylene Chloride	2.782	84	86593	51.305	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	77834	51.974	ug/l	100
22) Diisopropyl ether	3.764	45	273039	51.662	ug/l	100
23) Vinyl Acetate	3.721	43	1202044	279.754	ug/l	100
24) 1,1-Dichloroethane	3.605	63	156412	53.093	ug/l	100
25) 2-Butanone	4.562	43	344663	269.797	ug/l	100
26) 2,2-Dichloropropane	4.465	77	131428	54.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	97013	51.007	ug/l	100
28) Bromochloromethane	4.898	49	74477	51.555	ug/l	100
29) Tetrahydrofuran	5.007	42	212103	258.669	ug/l	100
30) Chloroform	5.087	83	168864	51.017	ug/l	100
31) Cyclohexane	5.465	56	122841	51.637	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	147834	53.806	ug/l	100
36) 1,1-Dichloropropene	5.690	75	103760	49.638	ug/l	100
37) Ethyl Acetate	4.721	43	135753	52.537	ug/l	100
38) Carbon Tetrachloride	5.672	117	117076	52.023	ug/l	100
39) Methylcyclohexane	7.373	83	129697	51.901	ug/l	100
40) Benzene	6.031	78	329154	51.863	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70427	51.329	ug/l	100
42) 1,2-Dichloroethane	6.086	62	136309	52.138	ug/l	100
43) Isopropyl Acetate	6.342	43	213891	52.961	ug/l	100
44) Trichloroethene	7.123	130	81542	51.521	ug/l	100
45) 1,2-Dichloropropane	7.428	63	83376	51.420	ug/l	100
46) Dibromomethane	7.580	93	66786	53.092	ug/l	100
47) Bromodichloromethane	7.824	83	118634	54.607	ug/l	100
48) Methyl methacrylate	7.696	41	103726	52.909	ug/l	100
49) 1,4-Dioxane	7.671	88	35263m	1052.498	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	688666	265.203	ug/l	100
52) Toluene	8.714	92	204738	51.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	120007	51.362	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132286	55.923	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	83488	52.729	ug/l	100
56) Ethyl methacrylate	9.116	69	134770	53.917	ug/l	100
57) 1,3-Dichloropropane	9.305	76	143044	51.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	342592	271.745	ug/l	100
59) 2-Hexanone	9.433	43	512906	272.881	ug/l	100
60) Dibromochloromethane	9.519	129	86352	51.400	ug/l	100
61) 1,2-Dibromoethane	9.604	107	86150	53.454	ug/l	100
64) Tetrachloroethene	9.269	164	65888	48.379	ug/l	100
65) Chlorobenzene	10.080	112	223269	50.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76867	54.396	ug/l	100
67) Ethyl Benzene	10.189	91	395430	52.050	ug/l	100
68) m/p-Xylenes	10.299	106	290181	104.094	ug/l	100
69) o-Xylene	10.640	106	144247	51.141	ug/l	100
70) Styrene	10.653	104	238379	52.719	ug/l	100
71) Bromoform	10.799	173	50667	51.158	ug/l #	100
73) Isopropylbenzene	10.957	105	372519	51.100	ug/l	100
74) N-amyl acetate	10.842	43	182491	54.166	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	127193	50.233	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107003m	49.518	ug/l	
77) Bromobenzene	11.195	156	89687	50.734	ug/l	100
78) n-propylbenzene	11.305	91	428741	53.211	ug/l	100
79) 2-Chlorotoluene	11.360	91	263849	50.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314986	52.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35119	47.628	ug/l	100
82) 4-Chlorotoluene	11.451	91	296520	51.387	ug/l	100
83) tert-Butylbenzene	11.713	119	310320	51.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	313338	52.776	ug/l	100
85) sec-Butylbenzene	11.890	105	379552	52.329	ug/l	100
86) p-Isopropyltoluene	12.006	119	318721	52.796	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160223	51.887	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	159258	50.171	ug/l	100
89) n-Butylbenzene	12.329	91	270840	53.354	ug/l	100
90) Hexachloroethane	12.536	117	48303	54.813	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164342	51.256	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26027	52.951	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	93173	53.005	ug/l	100
94) Hexachlorobutadiene	13.725	225	35172	49.744	ug/l	100
95) Naphthalene	13.774	128	365234	53.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97000	52.027	ug/l	100

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ClientSampleId :
VSTDICCC050

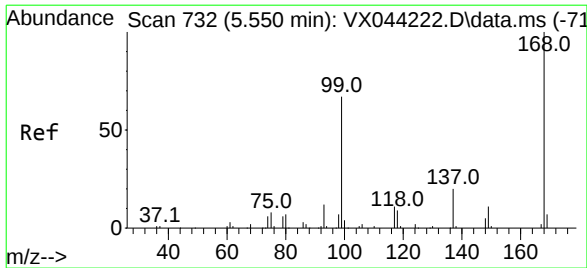
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

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

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



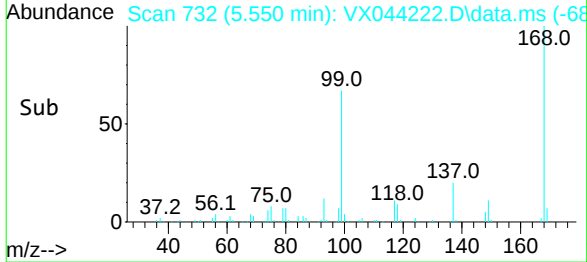
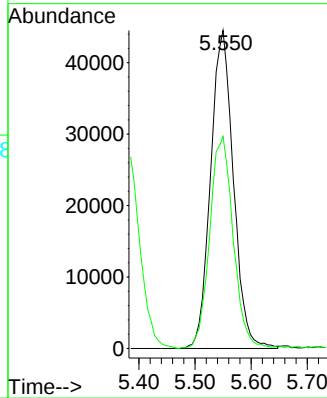
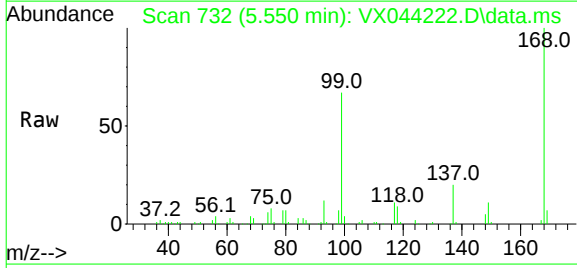
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 168 Resp: 125713
Ion Ratio Lower Upper
168 100
99 66.7 53.4 80.0

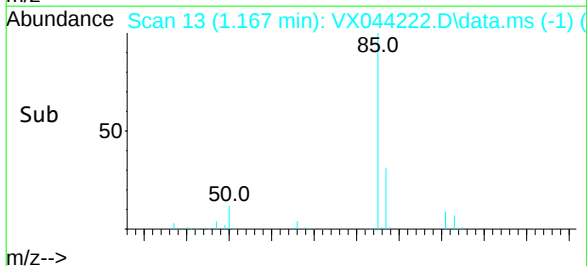
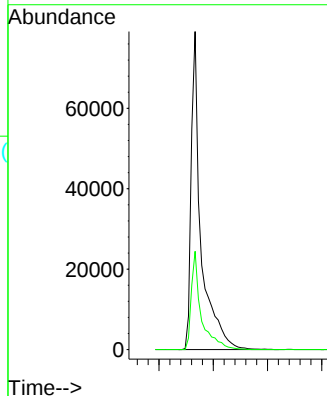
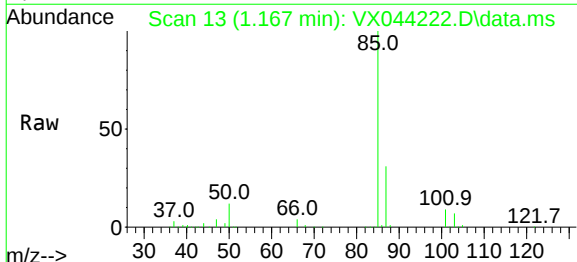
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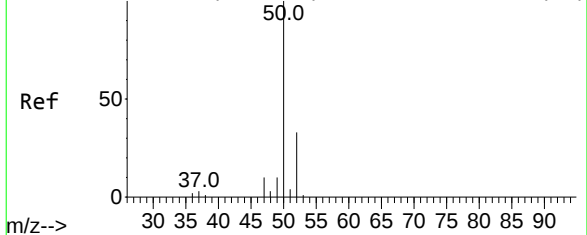


#2
Dichlorodifluoromethane
Concen: 50.957 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 85 Resp: 99052
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4



Abundance Scan 34 (1.295 min): VX044222.D\data.ms (-29)



#3

Chloromethane

Concen: 51.097 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion: 50 Resp: 94981

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7

Instrument :

MSVOA_X

ClientSampleId :

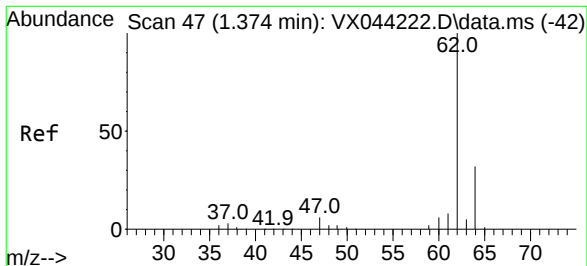
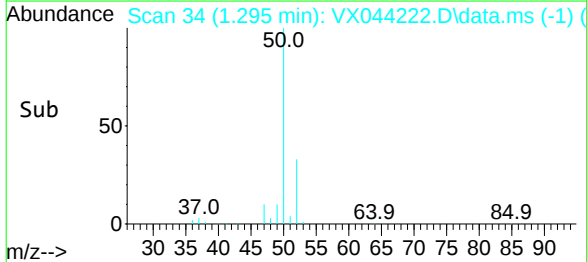
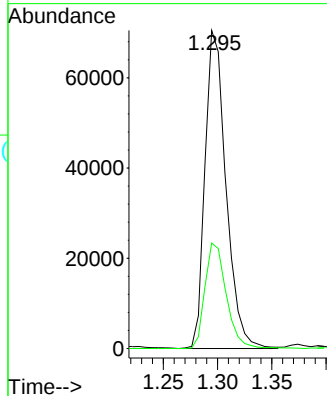
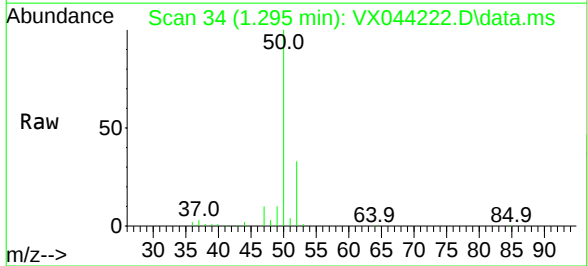
VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#4

Vinyl Chloride

Concen: 51.045 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044222.D

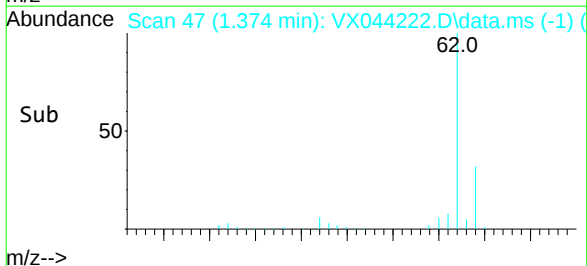
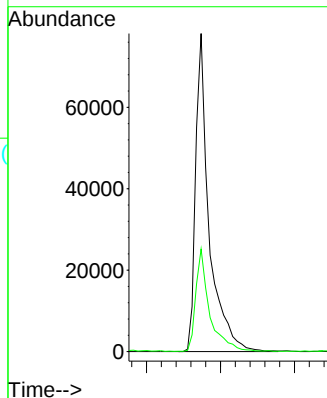
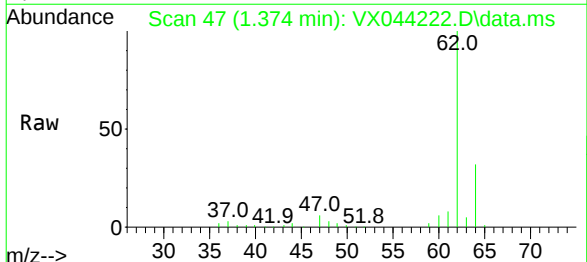
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 98852

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





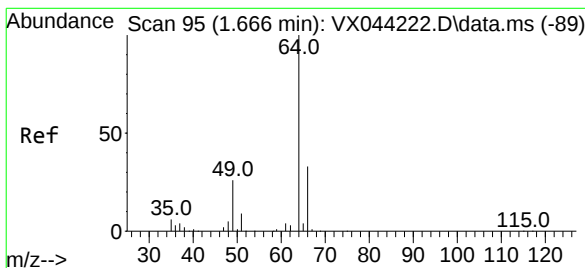
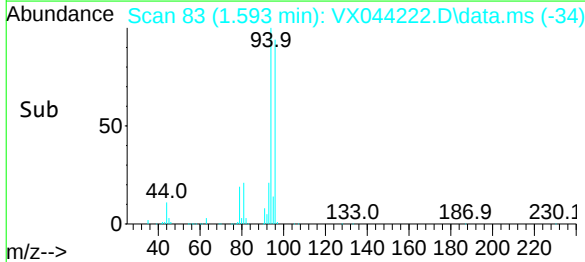
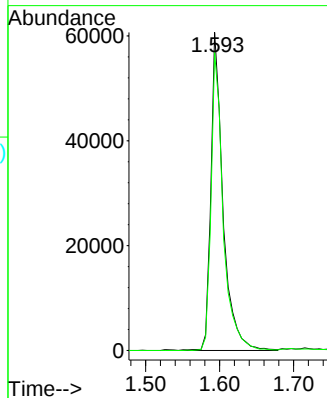
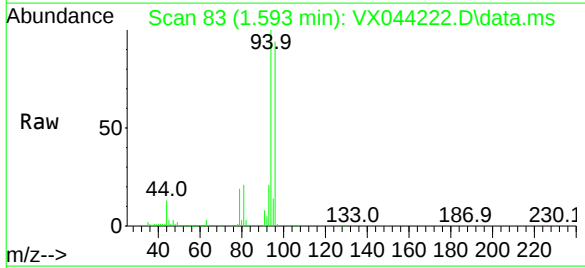
#5
Bromomethane
Concen: 50.405 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 69250
Ion Ratio Lower Upper
94 100
96 93.6 74.9 112.3

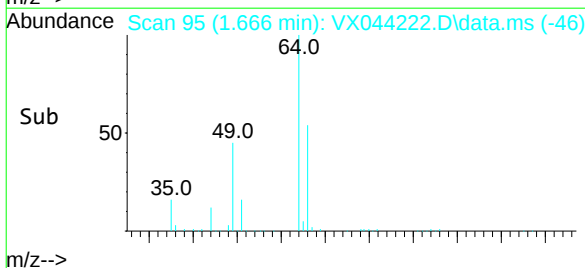
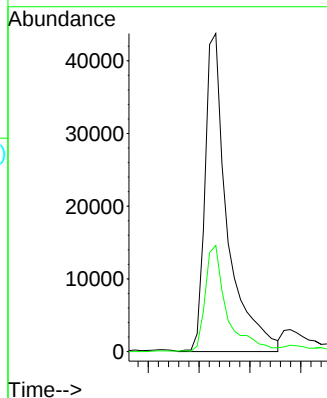
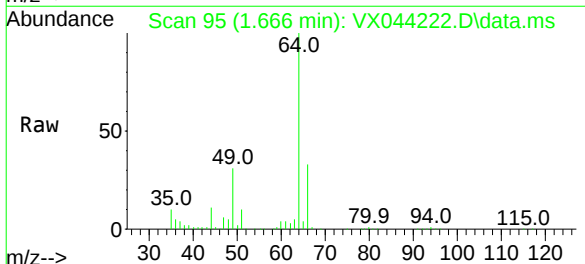
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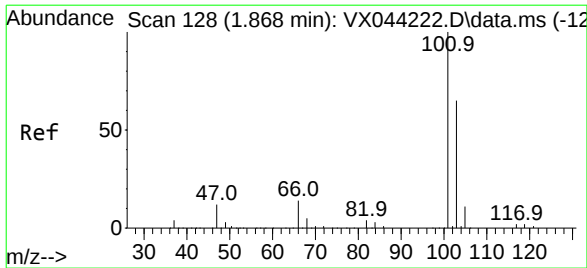
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#6
Chloroethane
Concen: 55.448 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 64 Resp: 66862
Ion Ratio Lower Upper
64 100
66 33.2 26.6 39.8





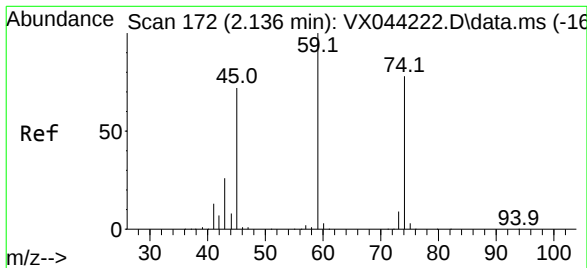
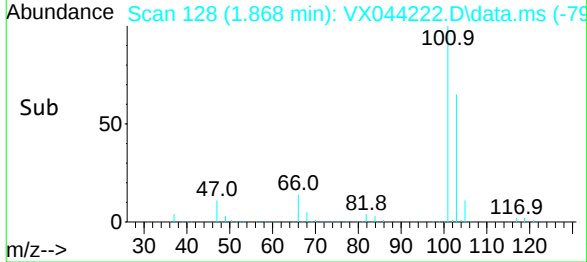
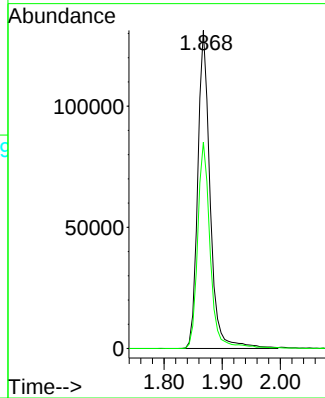
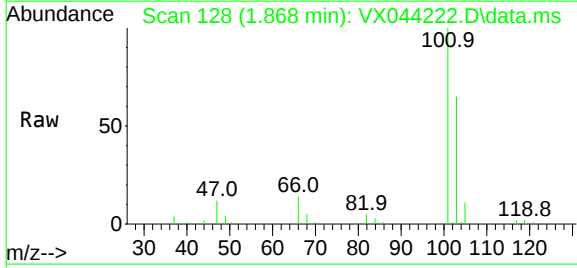
#7
 Trichlorofluoromethane
 Concen: 51.086 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 193676
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

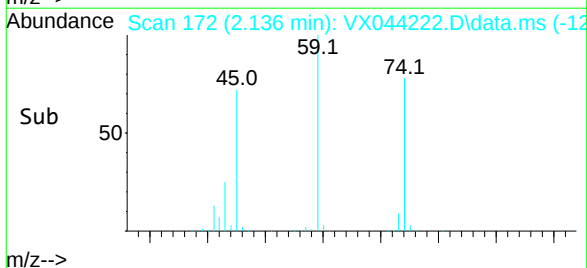
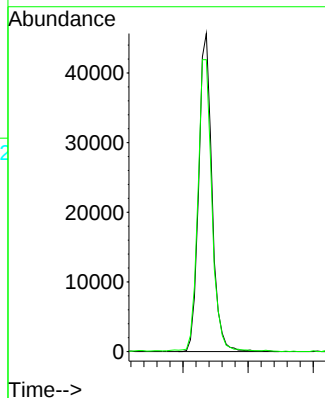
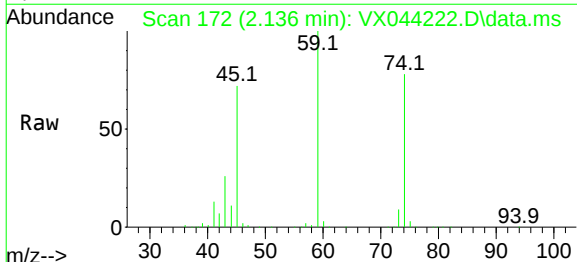
Manual Integrations
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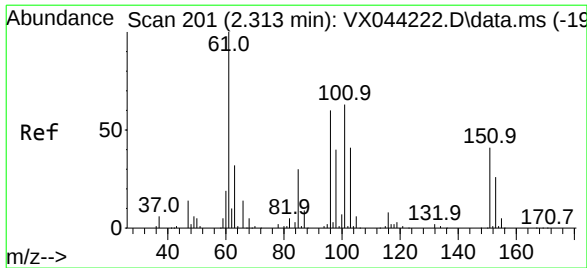
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#8
 Diethyl Ether
 Concen: 49.875 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044222.D
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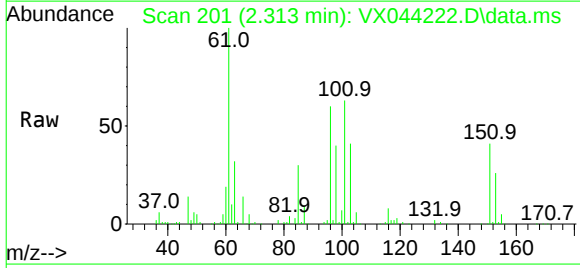
Tgt Ion: 74 Resp: 64542
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.371 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044222.D
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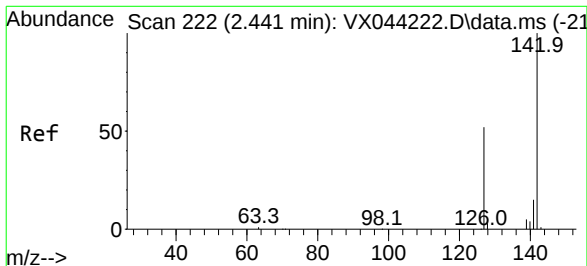
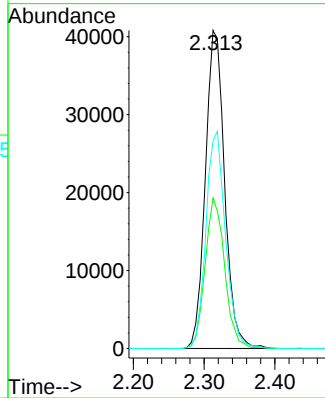
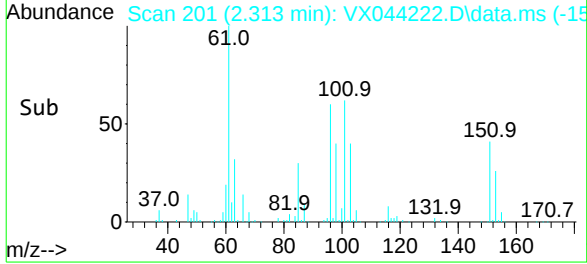
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 77275
Ion Ratio Lower Upper
101 100
85 48.1 38.5 57.7
151 69.7 55.8 83.6

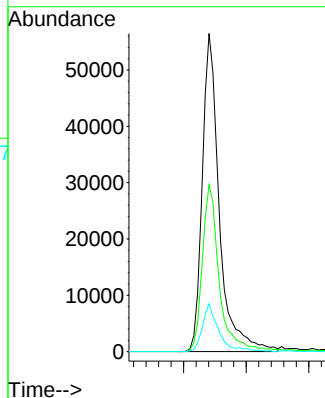
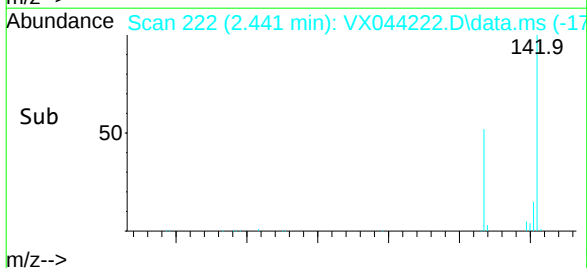
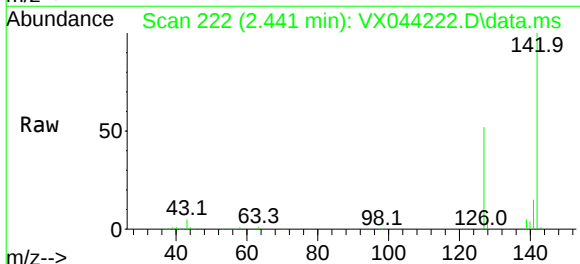
Manual Integrations
APPROVED

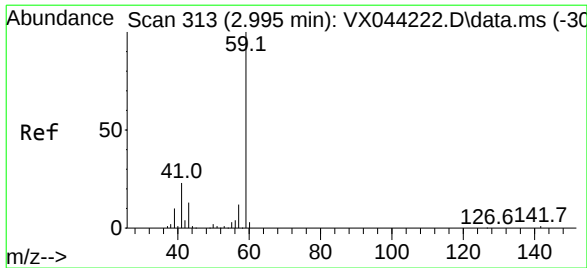
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#10
Methyl Iodide
Concen: 52.678 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:142 Resp: 106509
Ion Ratio Lower Upper
142 100
127 52.3 41.8 62.8
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 244.039 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 75690

Ion Ratio Lower Upper

59 100

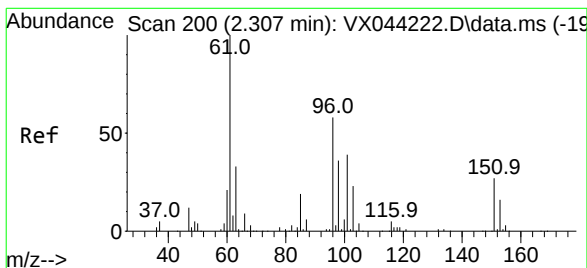
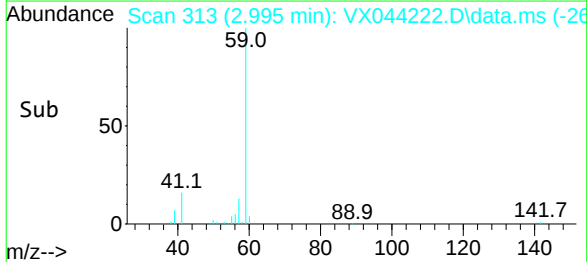
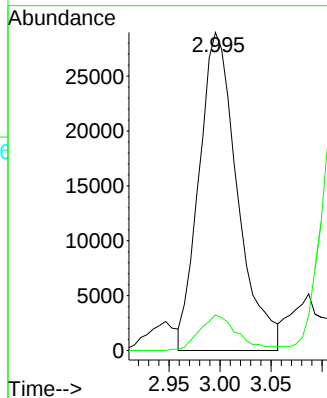
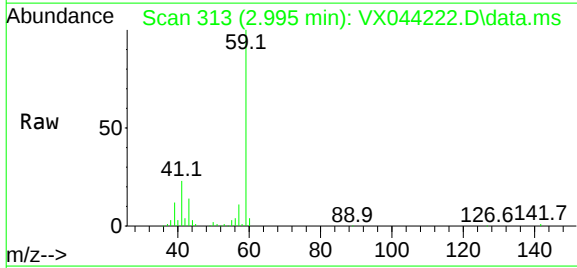
57 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 53.143 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

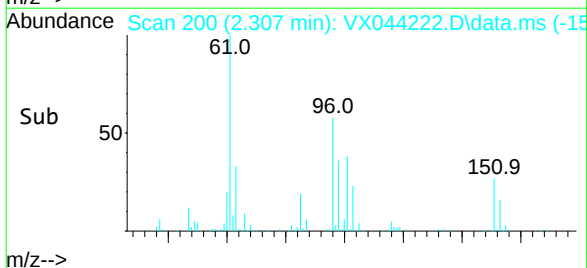
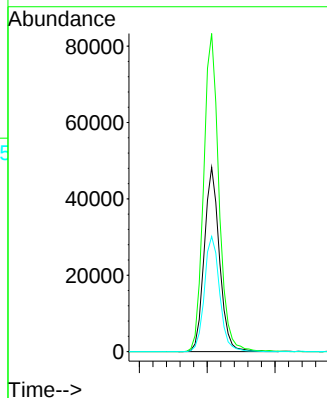
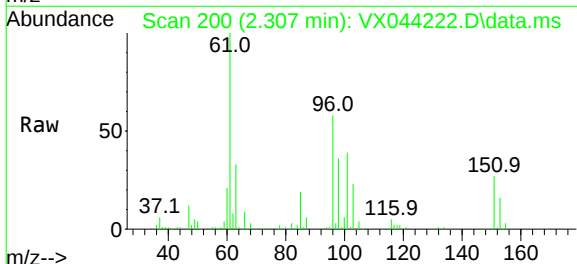
Tgt Ion: 96 Resp: 74884

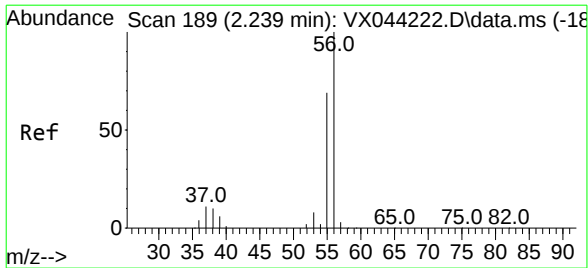
Ion Ratio Lower Upper

96 100

61 172.5 138.0 207.0

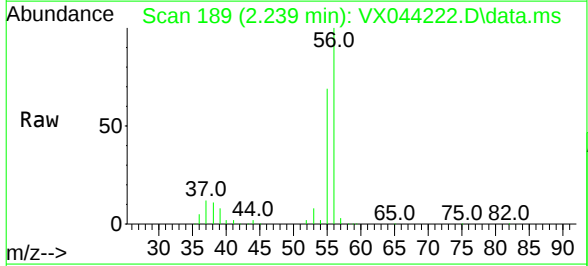
98 62.5 50.0 75.0





#13
Acrolein
Concen: 258.347 ug/l
RT: 2.239 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

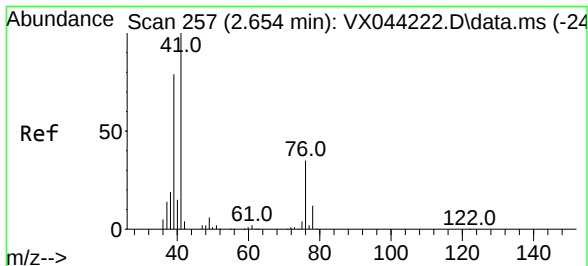
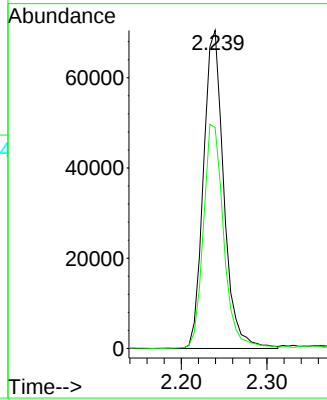
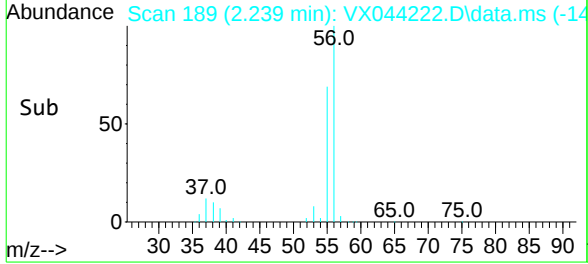
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



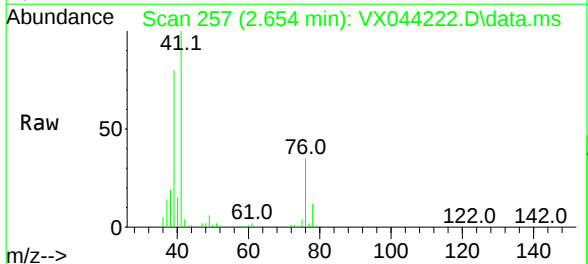
Tgt Ion: 56 Resp: 116171
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8

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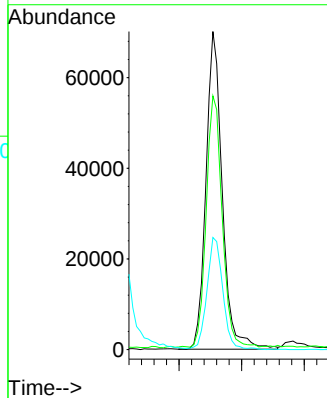
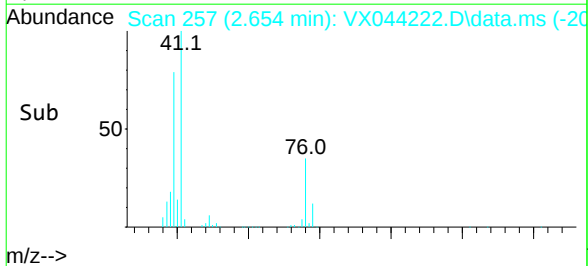
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

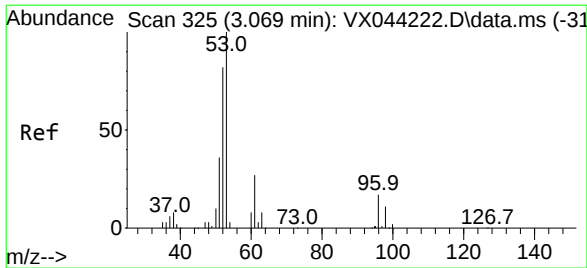


#14
Allyl chloride
Concen: 54.079 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14



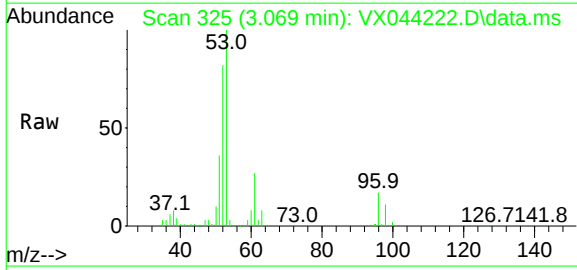
Tgt Ion: 41 Resp: 126925
Ion Ratio Lower Upper
41 100
39 77.4 61.9 92.9
76 34.3 27.4 41.2





#15
Acrylonitrile
Concen: 261.859 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

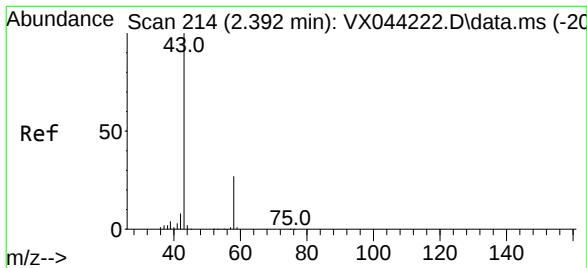
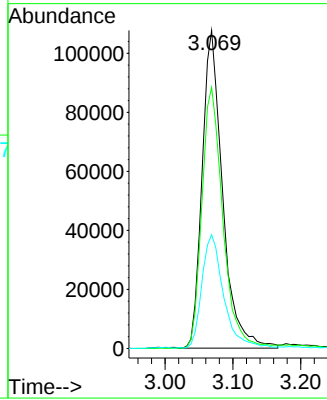
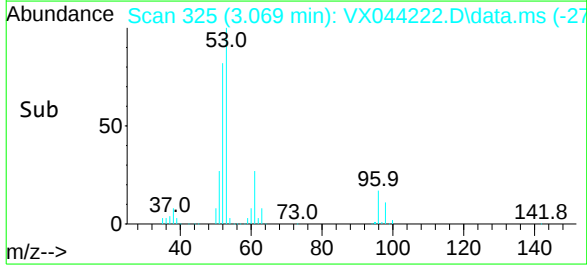
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 225336
Ion Ratio Lower Upper
53 100
52 84.2 67.4 101.0
51 37.9 30.3 45.5

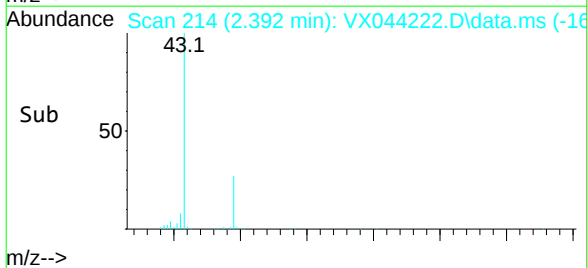
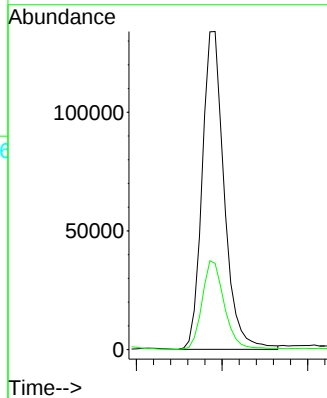
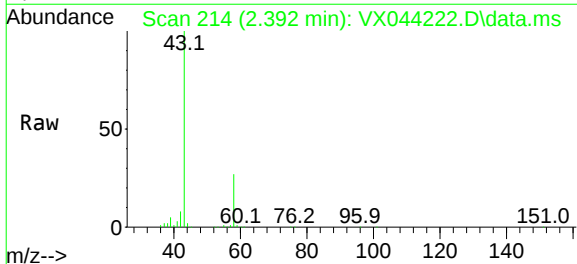
Manual Integrations
APPROVED

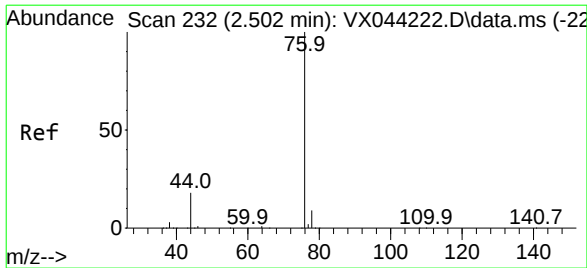
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 266.704 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 239661
Ion Ratio Lower Upper
43 100
58 27.0 21.6 32.4





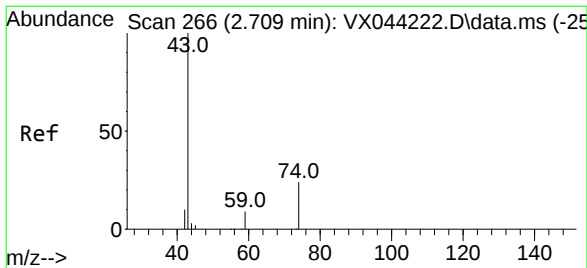
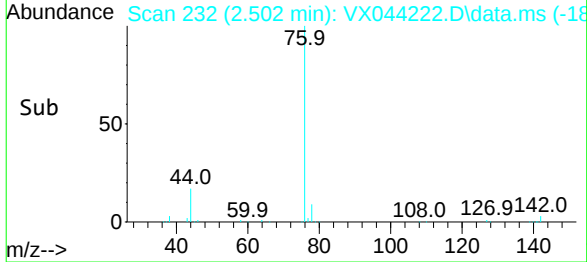
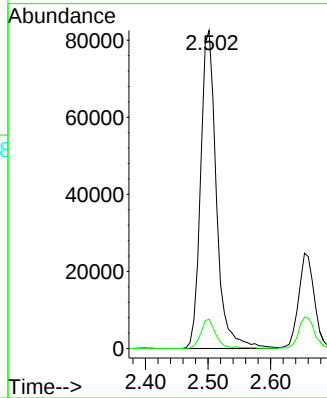
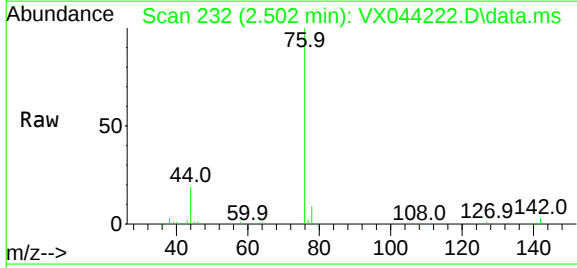
#17
Carbon Disulfide
Concen: 53.994 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 144624
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

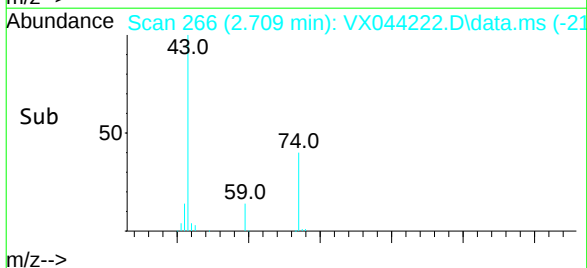
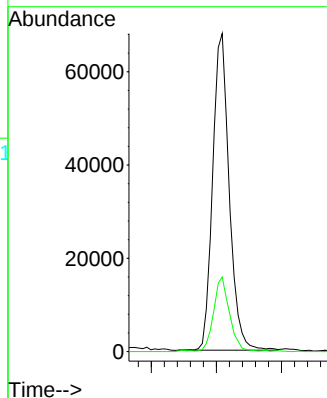
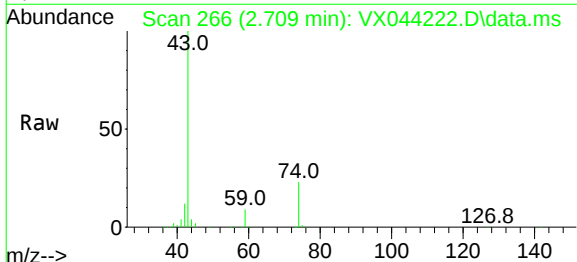
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 51.710 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 119808
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





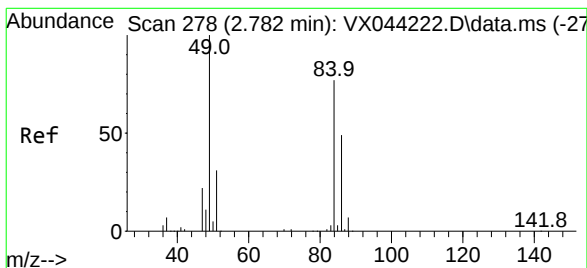
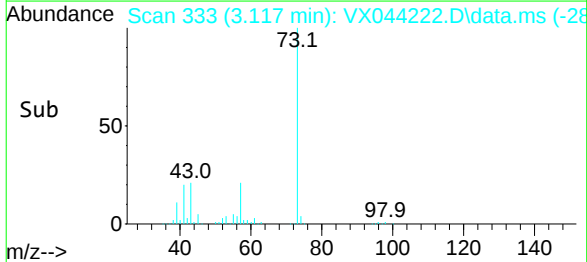
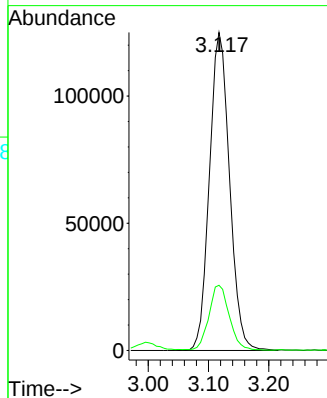
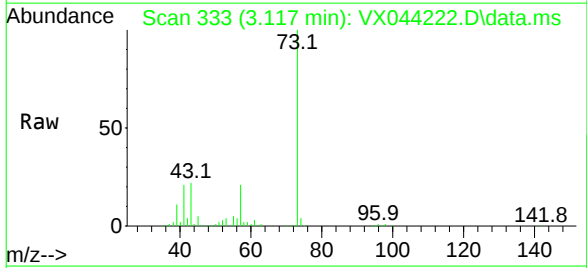
#19
Methyl tert-butyl Ether
Concen: 52.691 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 289735
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4

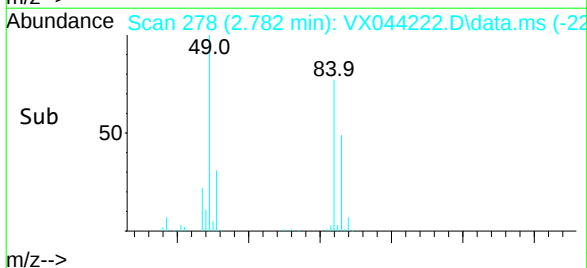
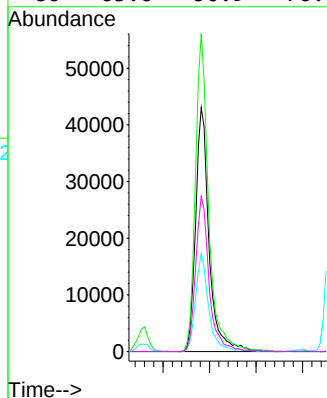
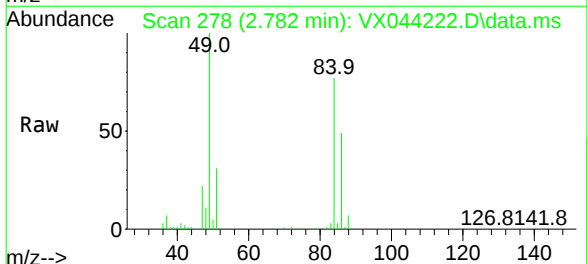
Manual Integrations
APPROVED

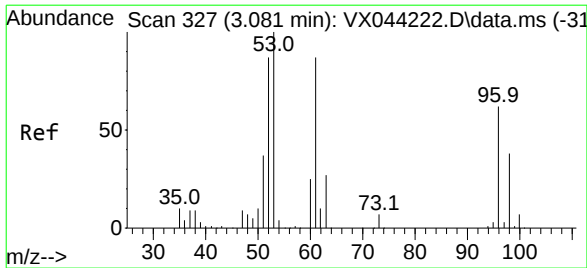
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 51.305 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

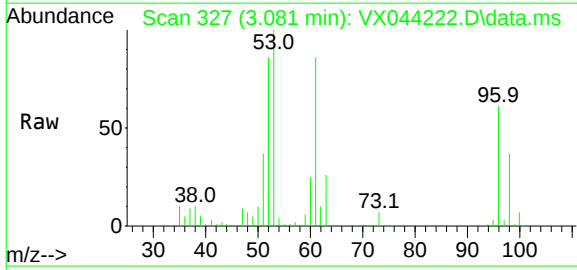
Tgt Ion: 84 Resp: 86593
Ion Ratio Lower Upper
84 100
49 130.3 104.2 156.4
51 40.3 32.2 48.4
86 63.6 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 51.974 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

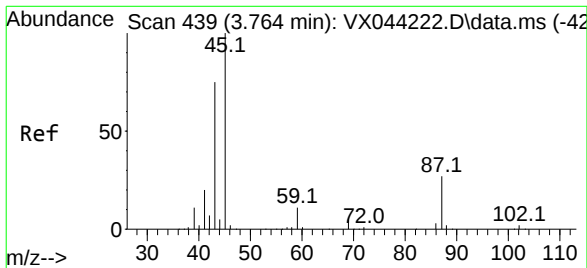
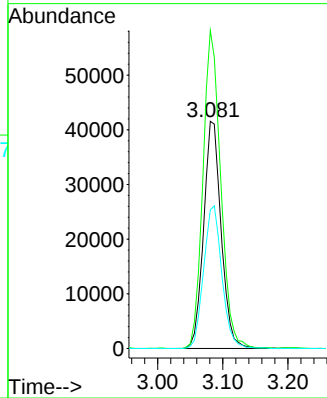
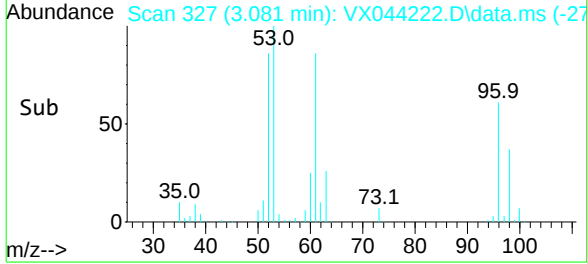
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



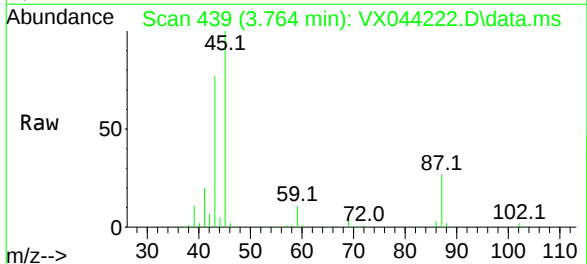
Tgt Ion: 96 Resp: 77834
Ion Ratio Lower Upper
96 100
61 140.0 112.0 168.0
98 61.0 48.8 73.2

Manual Integrations
APPROVED

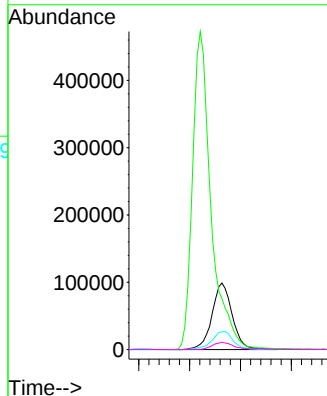
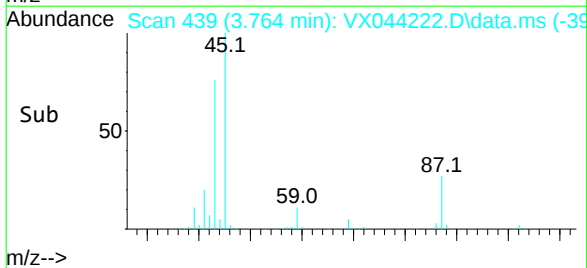
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

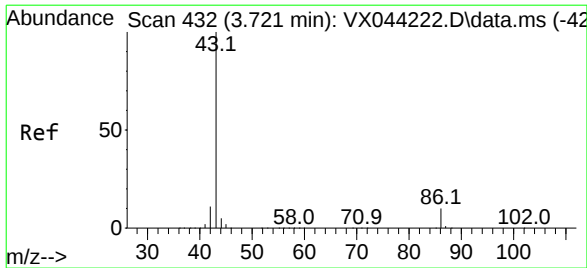


#22
Diisopropyl ether
Concen: 51.662 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14



Tgt Ion: 45 Resp: 273039
Ion Ratio Lower Upper
45 100
43 75.2 60.2 90.2
87 26.5 21.2 31.8
59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 279.754 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1202044

Ion Ratio Lower Upper

43 100

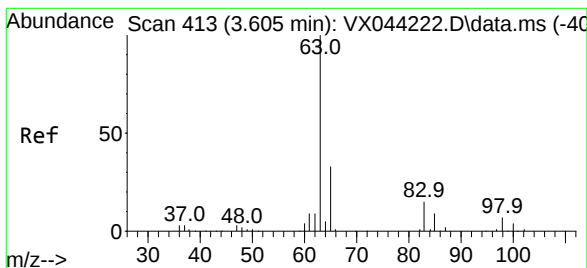
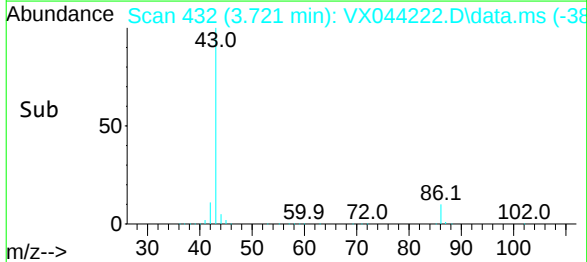
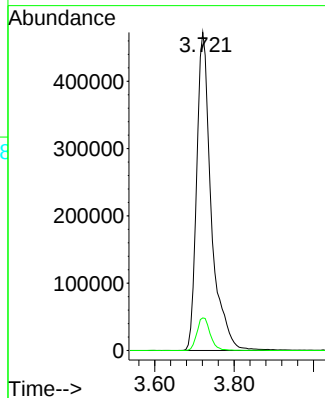
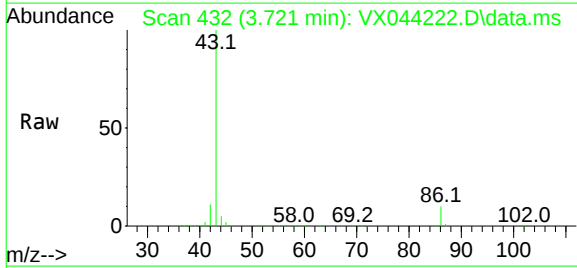
86 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 53.093 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

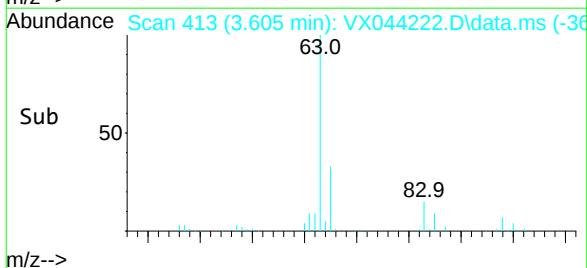
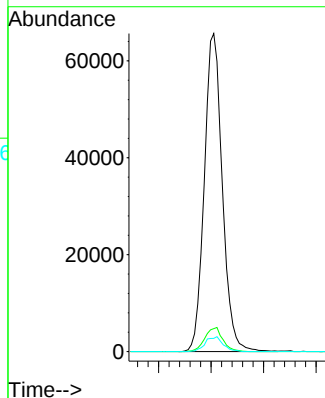
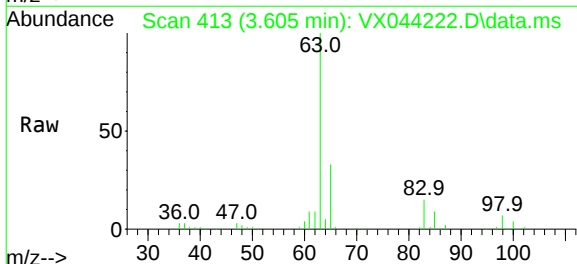
Tgt Ion: 63 Resp: 156412

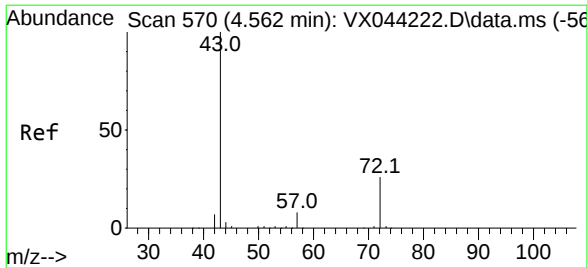
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.2 2.1 6.3





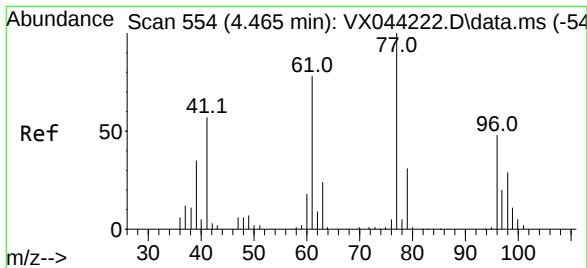
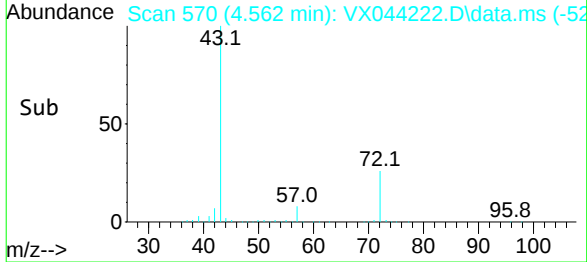
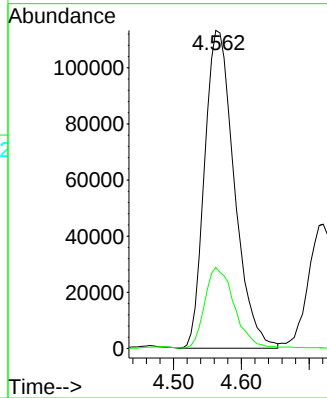
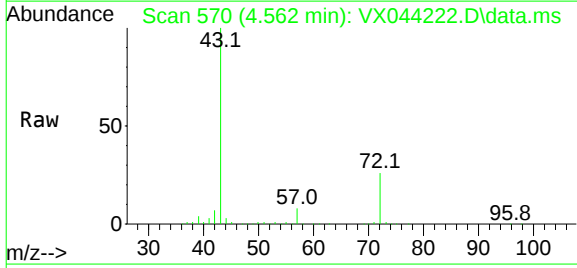
#25
2-Butanone
Concen: 269.797 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 344663
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

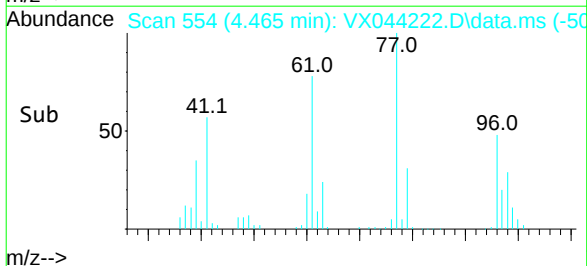
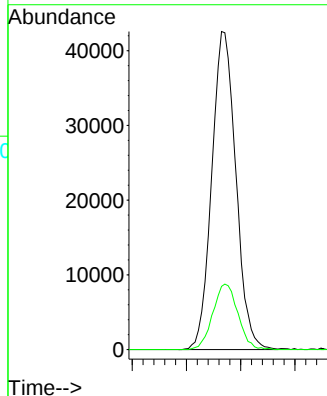
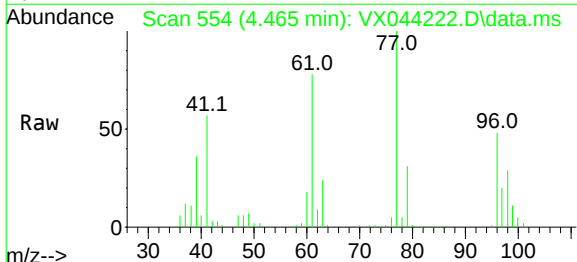
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 54.914 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

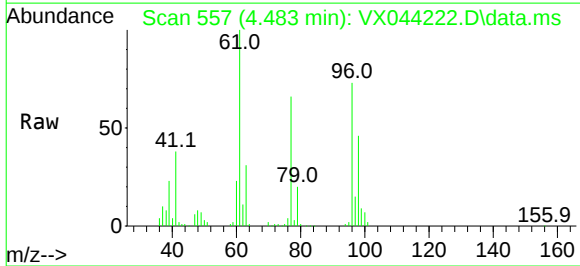
Tgt Ion: 77 Resp: 131428
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.007 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

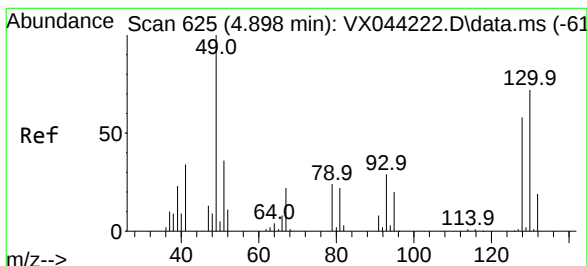
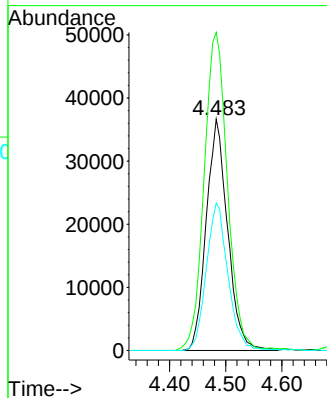
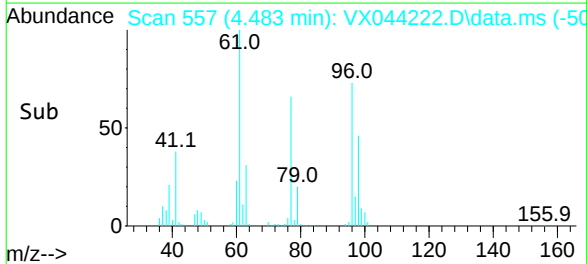
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 97013
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 299.0
 98 64.5 0.0 129.0

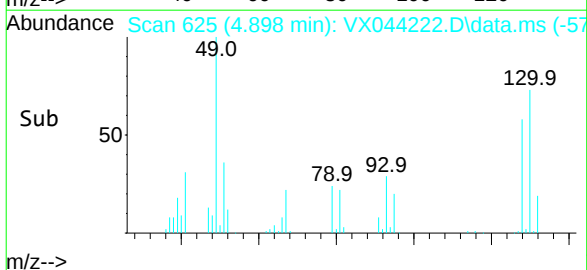
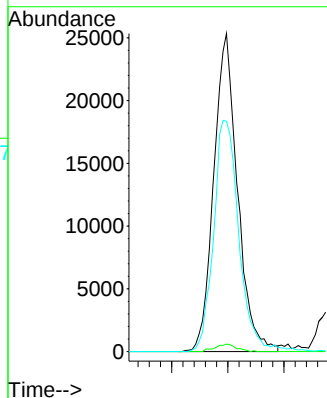
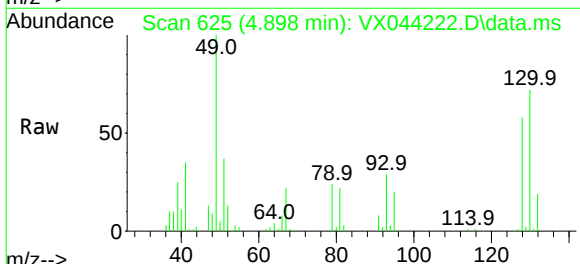
Manual Integrations
 APPROVED

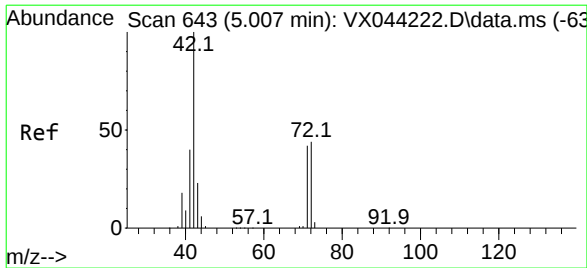
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#28
 Bromochloromethane
 Concen: 51.555 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

Tgt Ion: 49 Resp: 74477
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 77.6 62.1 93.1





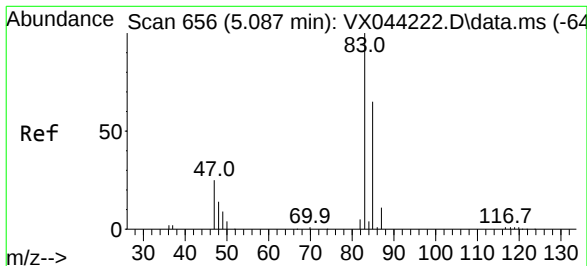
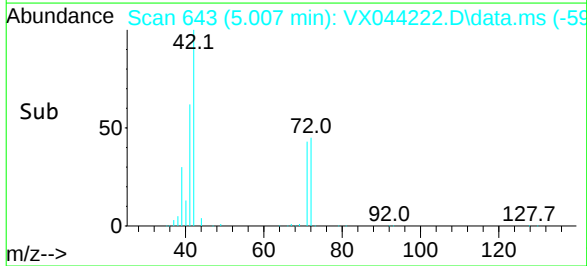
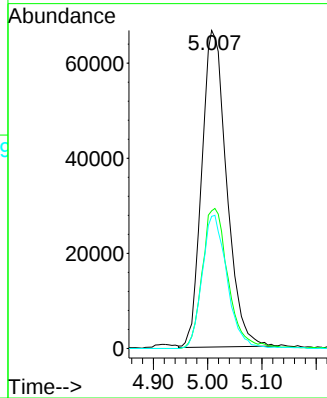
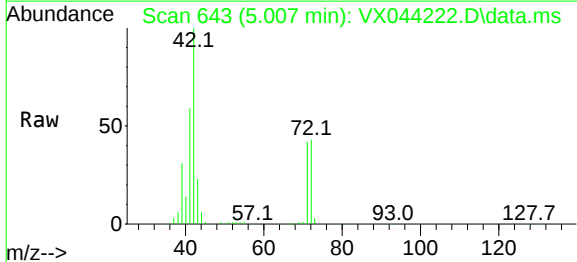
#29
Tetrahydrofuran
Concen: 258.669 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 212103
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.6
71 42.0 33.6 50.4

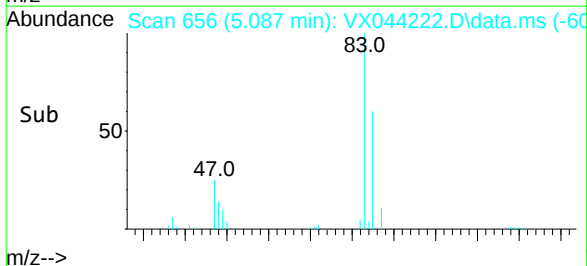
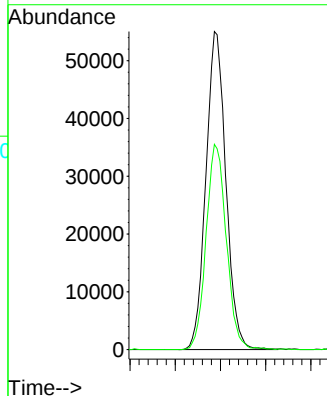
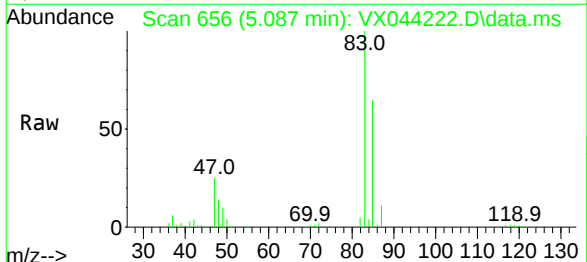
Manual Integrations
APPROVED

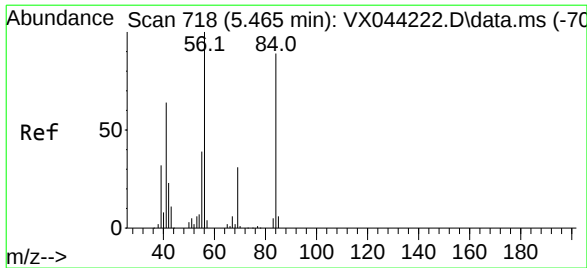
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30
Chloroform
Concen: 51.017 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 83 Resp: 168864
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4





#31

Cyclohexane

Concen: 51.637 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX044222.D

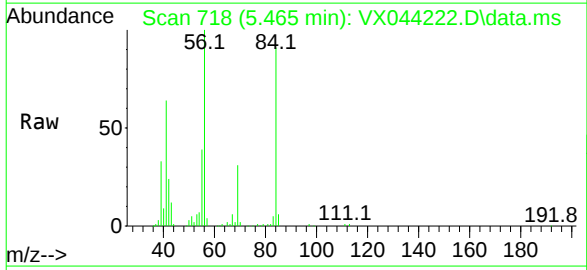
Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion: 56 Resp: 122841

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

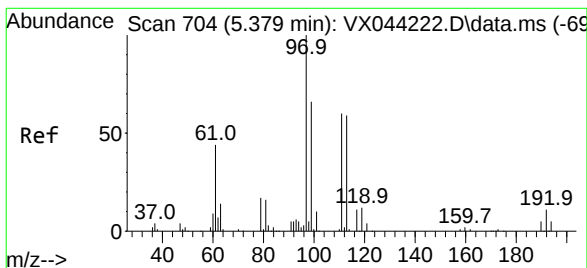
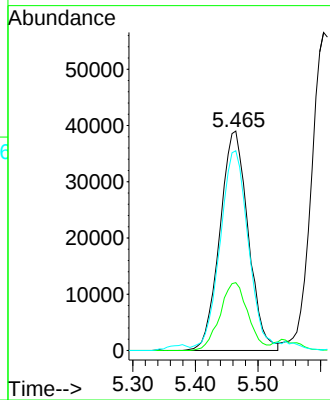
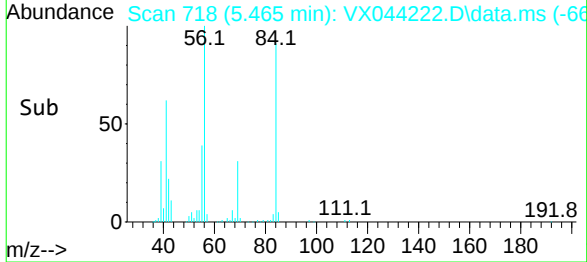
84 88.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 53.806 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

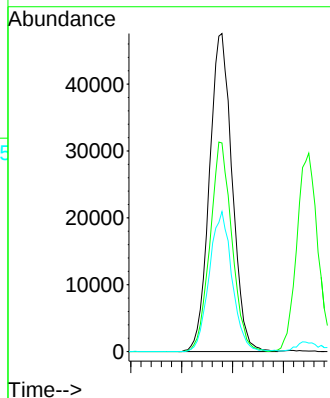
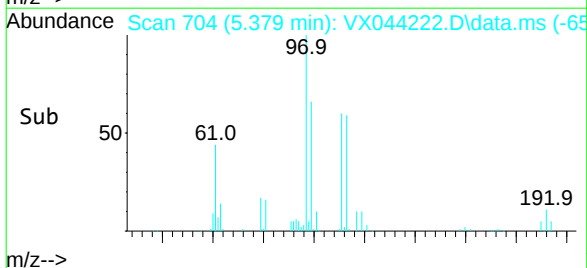
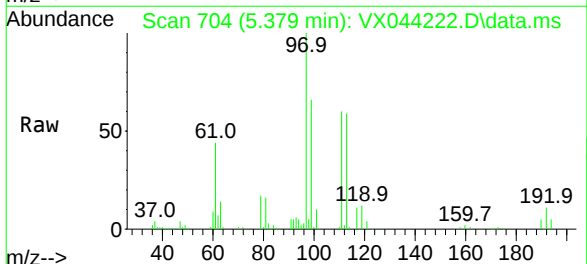
Tgt Ion: 97 Resp: 147834

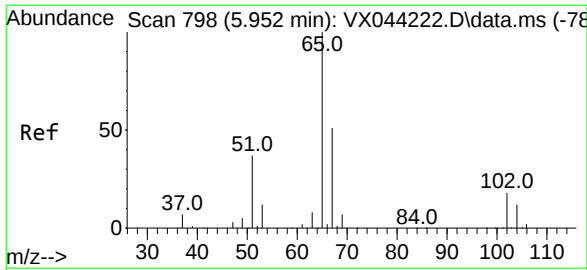
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 44.0 35.2 52.8





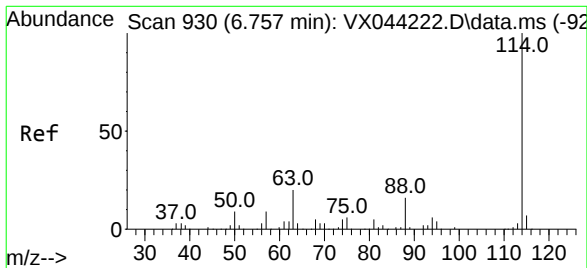
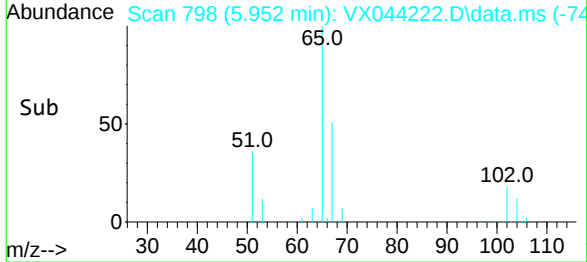
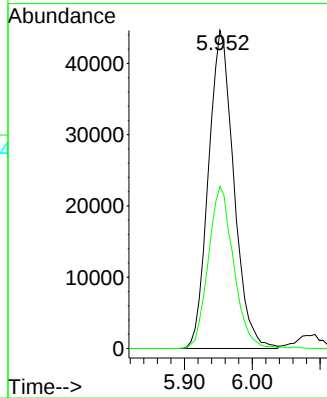
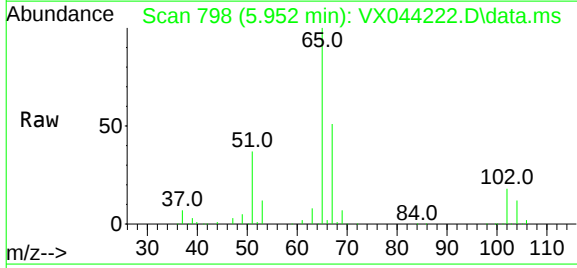
#33
1,2-Dichloroethane-d4
Concen: 52.544 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 115815
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

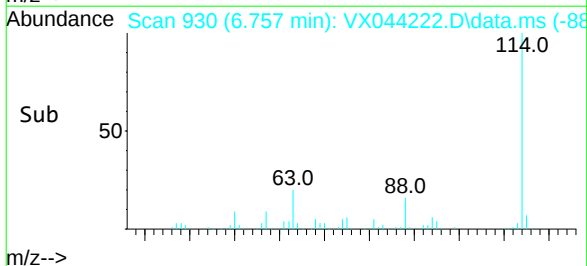
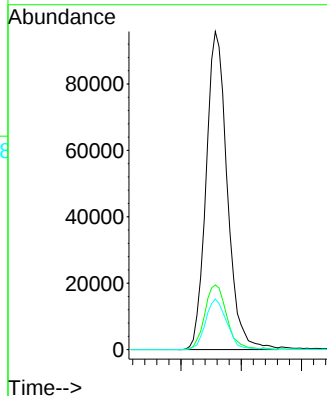
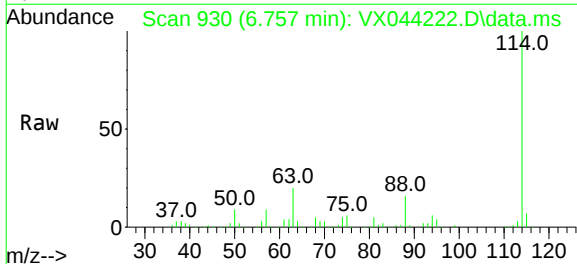
Manual Integrations
APPROVED

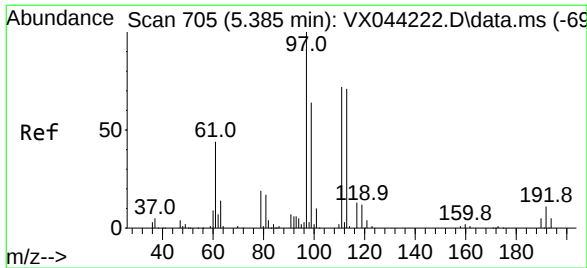
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:114 Resp: 233488
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.6
88 15.9 0.0 31.8





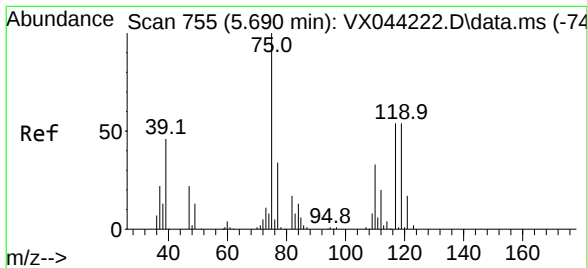
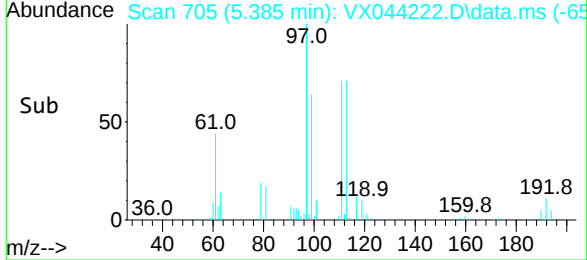
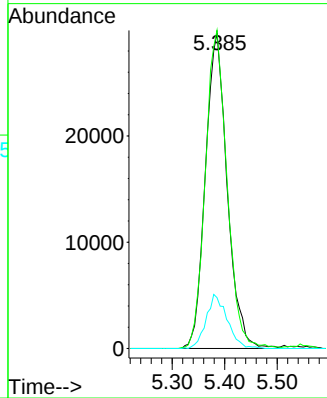
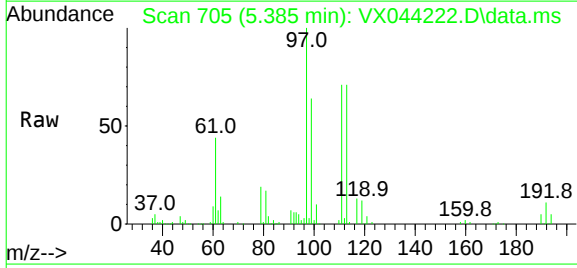
#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 113 Resp: 85656
Ion Ratio Lower Upper
113 100
111 100.5 80.4 120.6
192 16.6 13.3 19.9

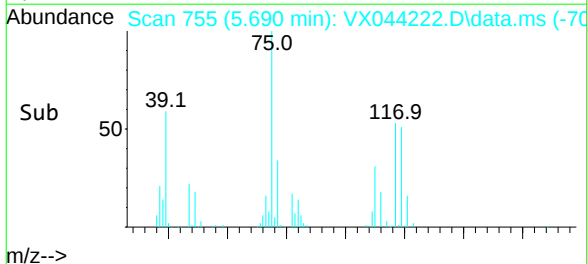
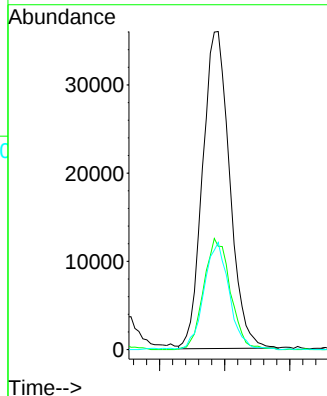
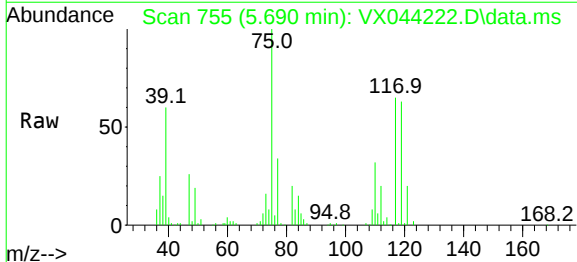
Manual Integrations
APPROVED

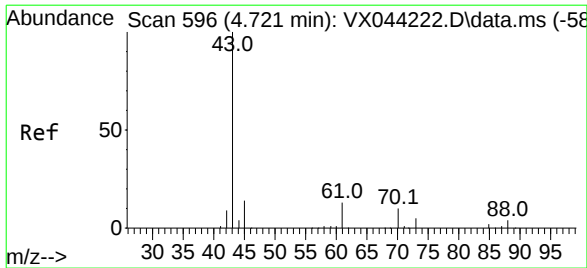
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 49.638 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 103760
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 31.7 25.4 38.0





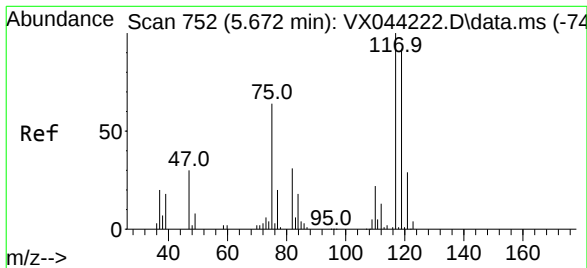
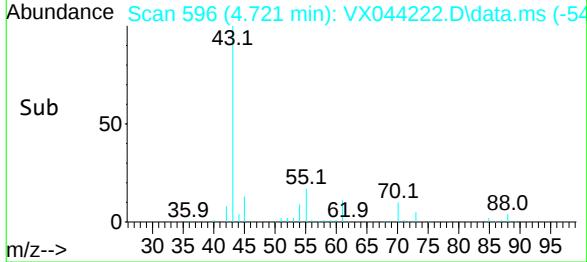
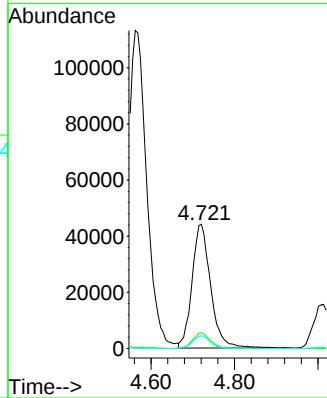
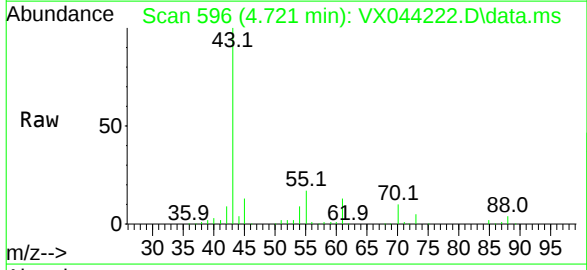
#37
Ethyl Acetate
Concen: 52.537 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	43	Resp:	135753
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.6	7.7	11.5

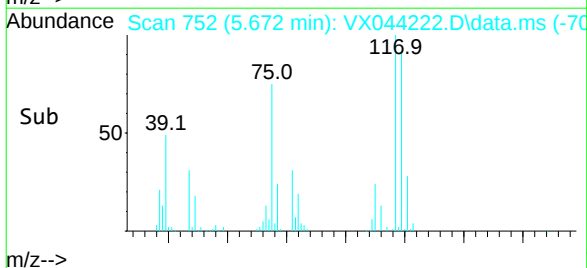
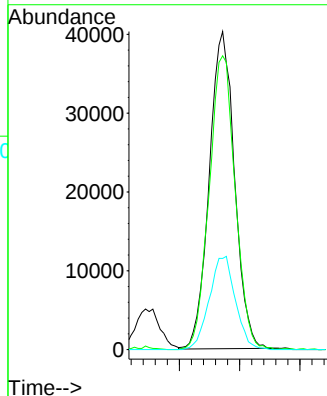
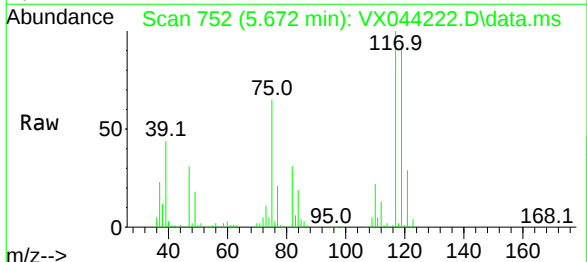
Manual Integrations
APPROVED

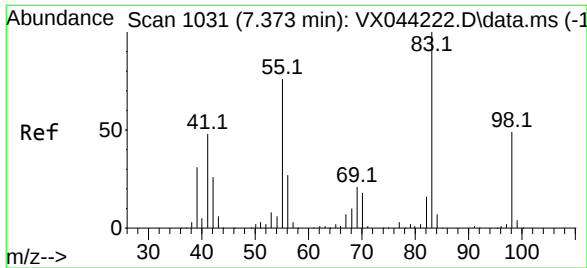
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 52.023 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:	117	Resp:	117076
Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.4
121	28.8	23.0	34.6





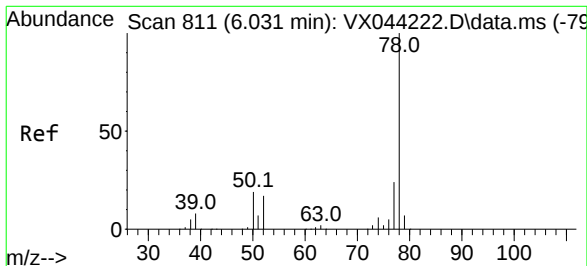
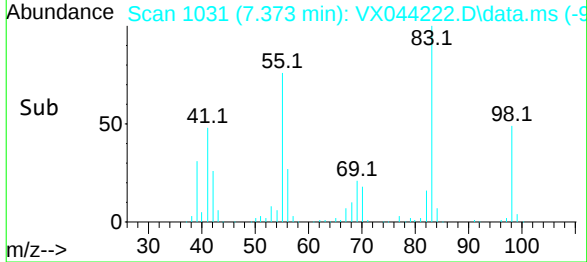
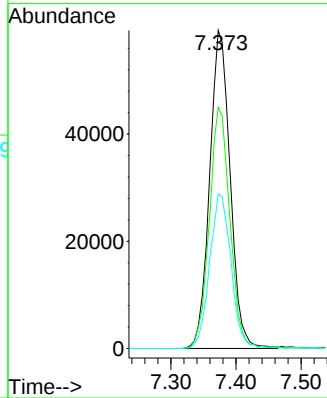
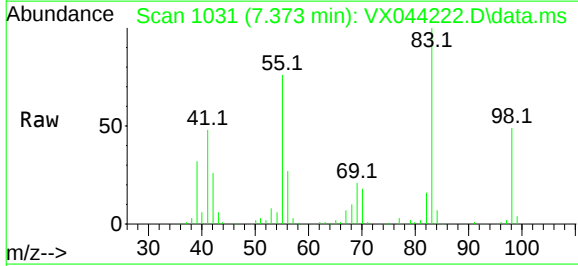
#39
Methylcyclohexane
Concen: 51.901 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 129697
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 48.6 38.9 58.3

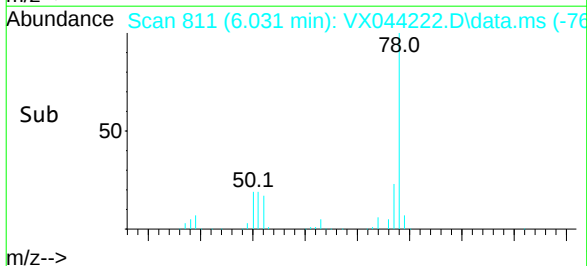
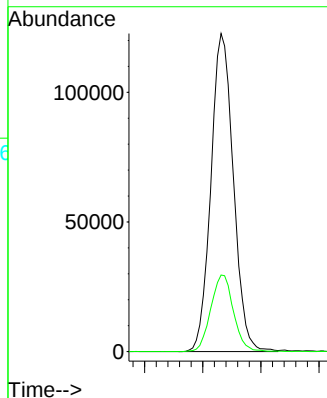
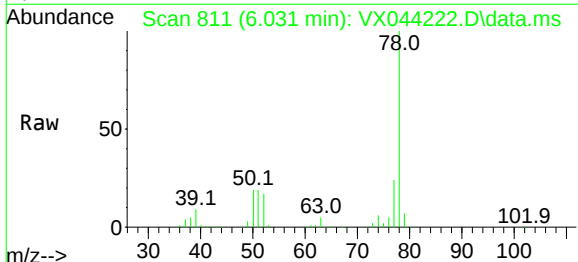
Manual Integrations
APPROVED

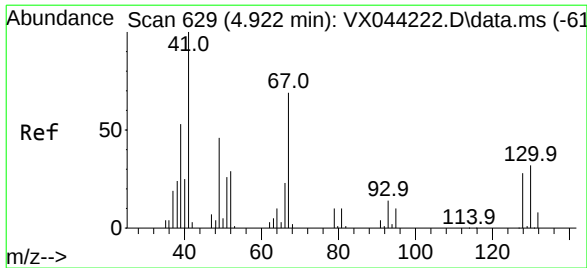
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 51.863 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 78 Resp: 329154
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





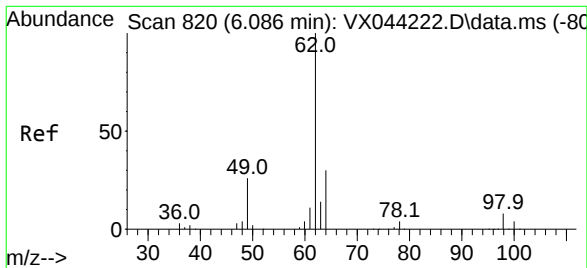
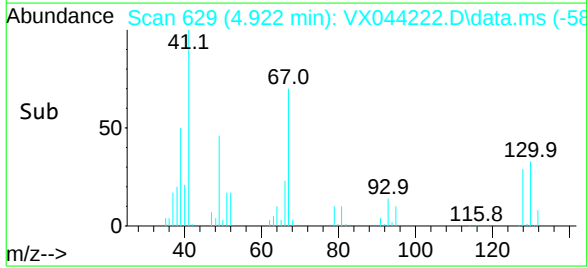
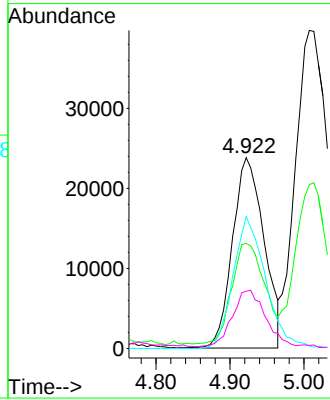
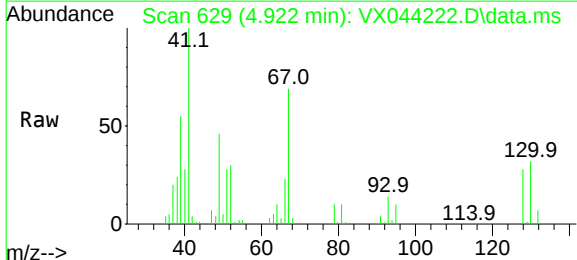
#41
Methacrylonitrile
Concen: 51.329 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	70427
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	71.5	57.2	85.8
52	30.8	24.6	37.0

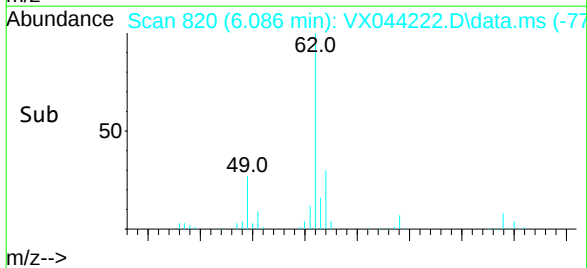
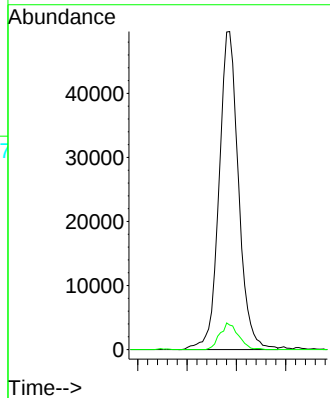
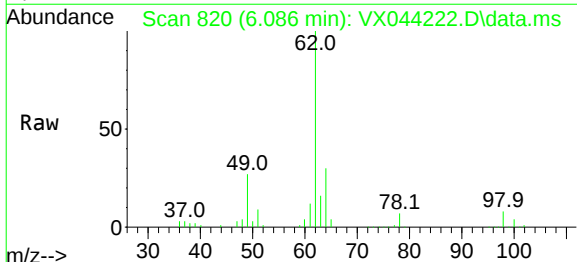
Manual Integrations
APPROVED

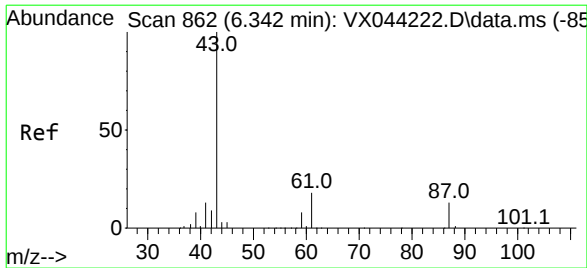
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 52.138 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:	62	Resp:	136309
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 52.961 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

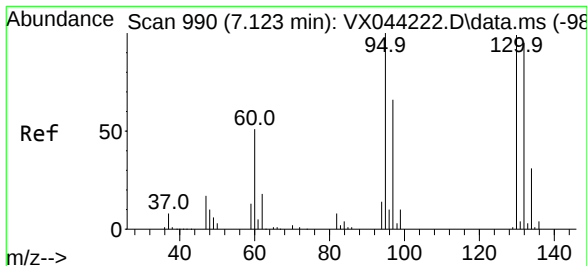
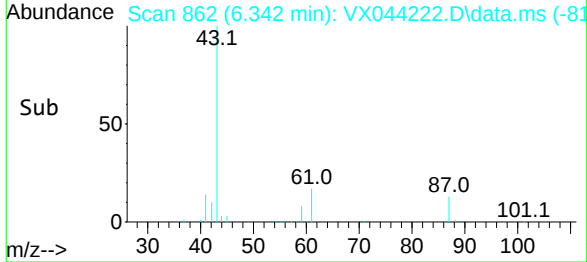
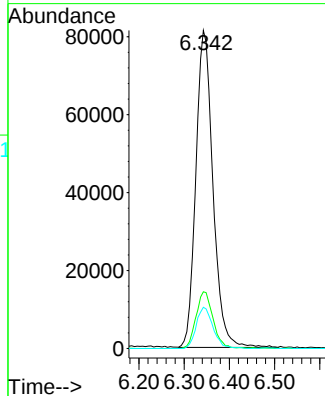
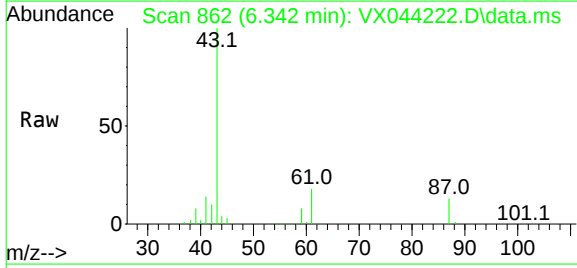
Tgt Ion:	43	Resp:	213891
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 51.521 ug/l

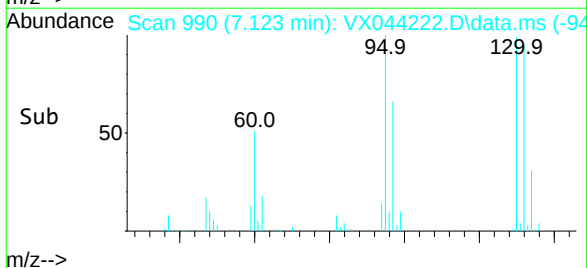
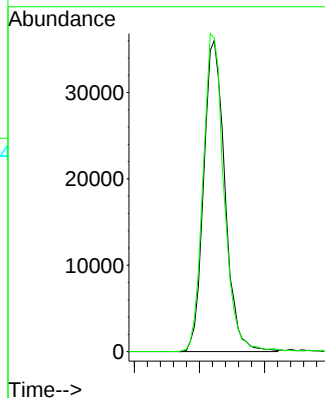
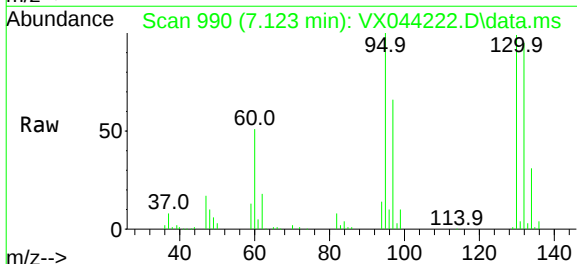
RT: 7.123 min Scan# 990

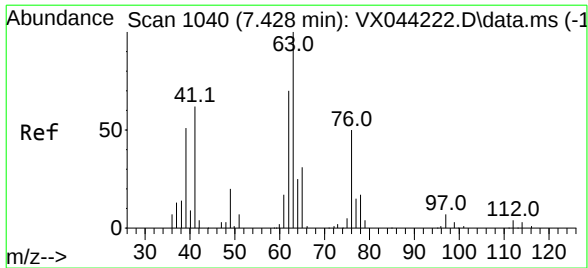
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	130	Resp:	81542
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	201.4





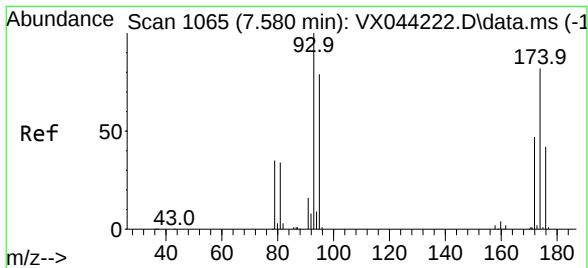
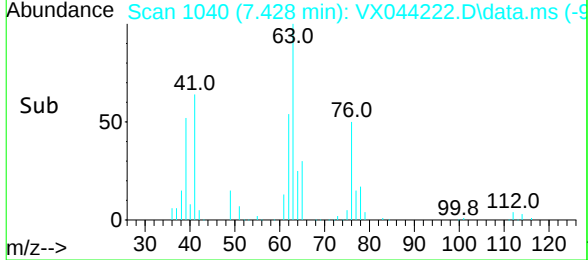
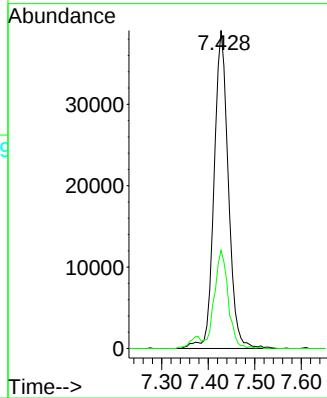
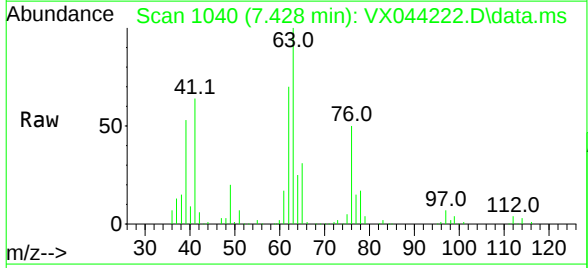
#45
1,2-Dichloropropane
Concen: 51.420 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 83376
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0

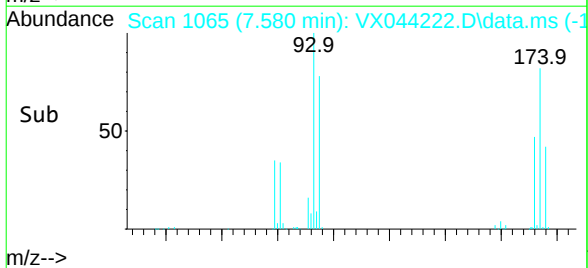
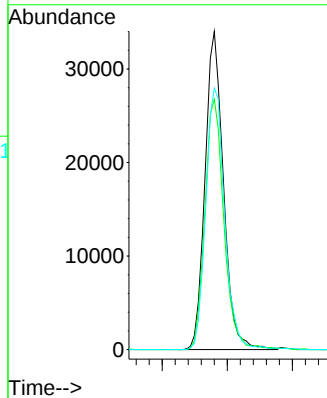
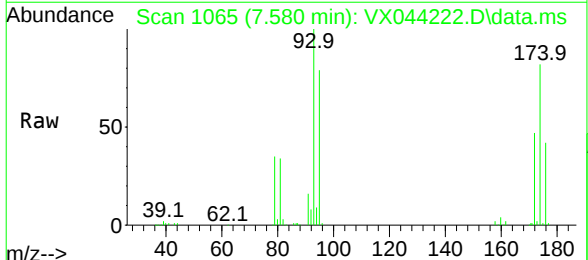
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 53.092 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 93 Resp: 66786
Ion Ratio Lower Upper
93 100
95 81.8 65.4 98.2
174 84.9 67.9 101.9





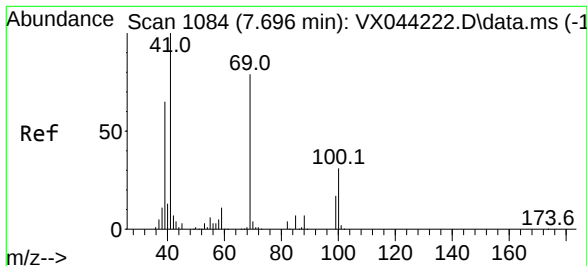
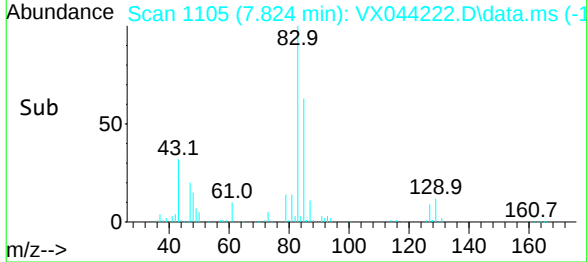
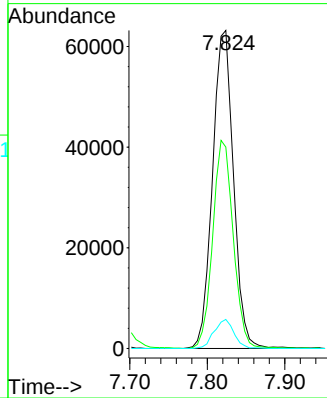
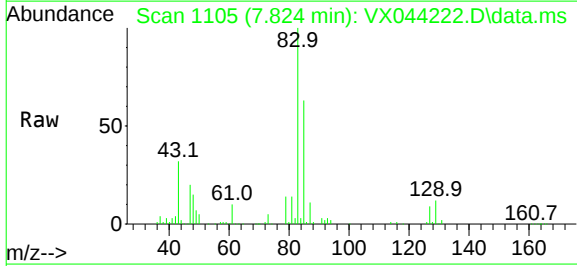
#47
Bromodichloromethane
Concen: 54.607 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 118634
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 9.1 7.3 10.9

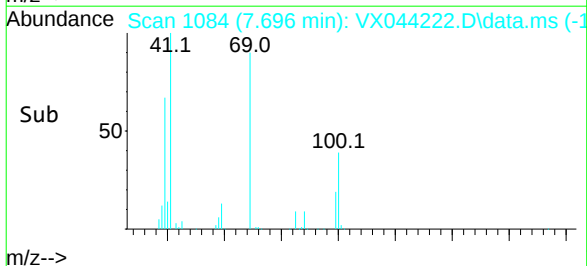
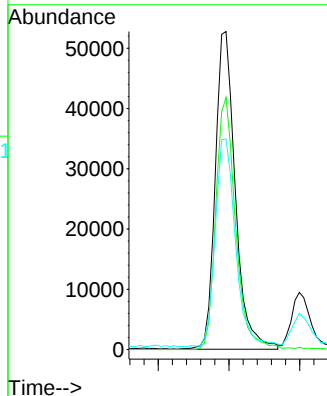
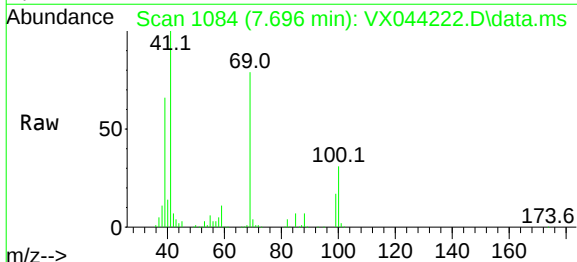
Manual Integrations
APPROVED

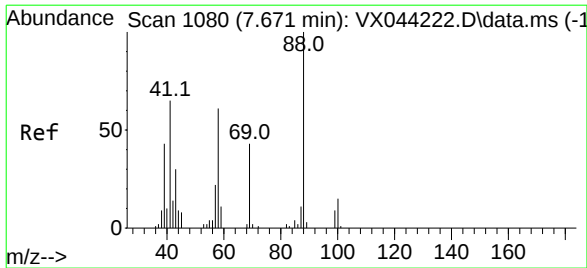
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 52.909 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

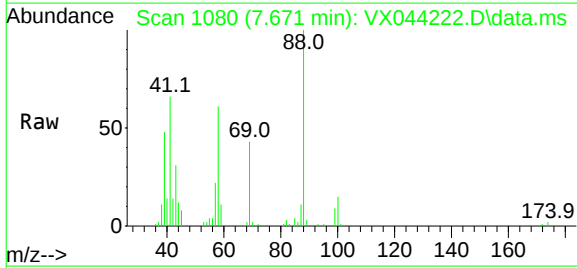
Tgt Ion: 41 Resp: 103726
Ion Ratio Lower Upper
41 100
69 78.0 62.4 93.6
39 66.6 53.3 79.9





#49
1,4-Dioxane
Concen: 1052.498 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

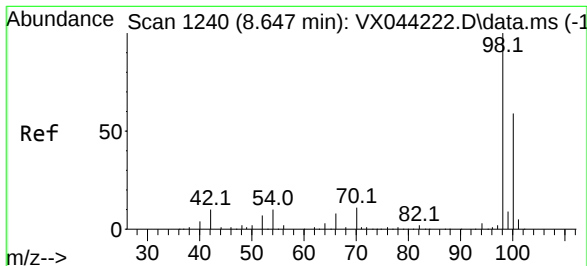
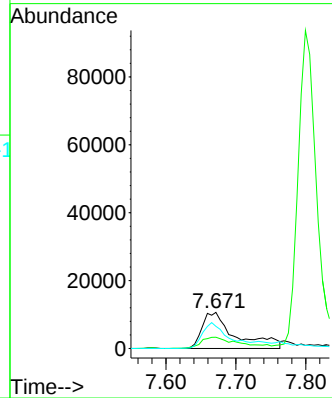
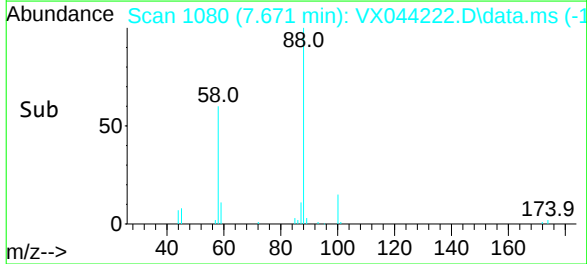
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 35263
Ion Ratio Lower Upper
88 100
43 36.2 27.1 40.7
58 54.7 41.0 61.4

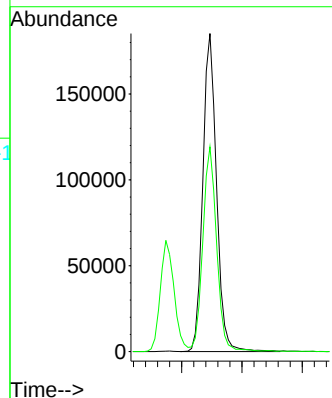
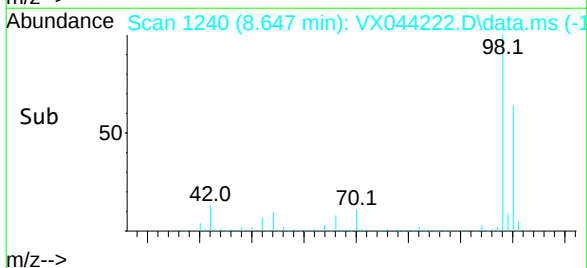
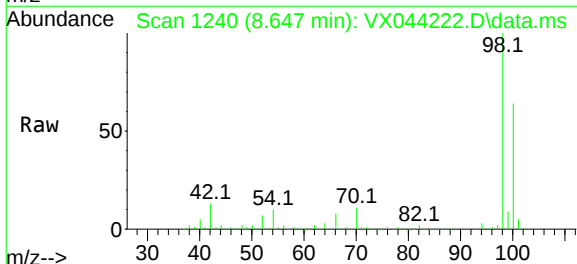
Manual Integrations
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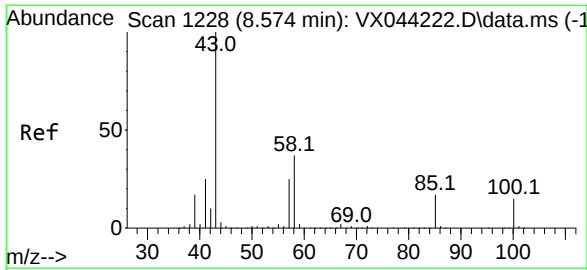
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 53.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 98 Resp: 292199
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3





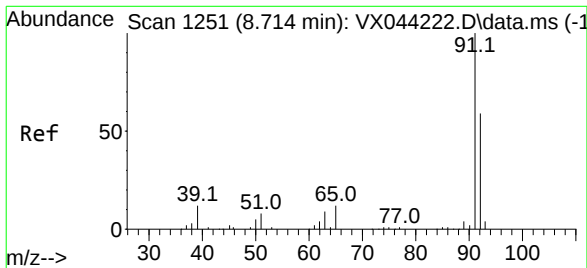
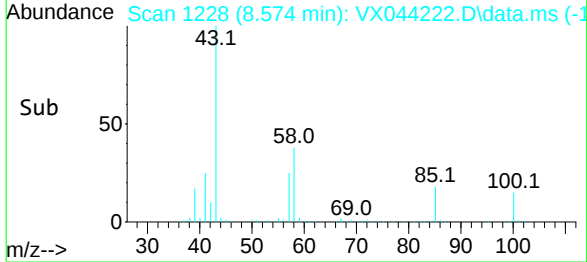
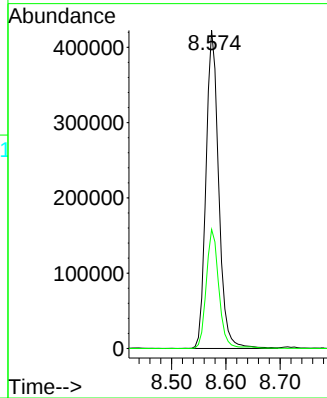
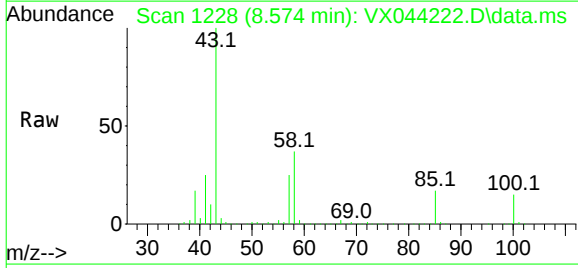
#51
4-Methyl-2-Pentanone
Concen: 265.203 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 688666
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0

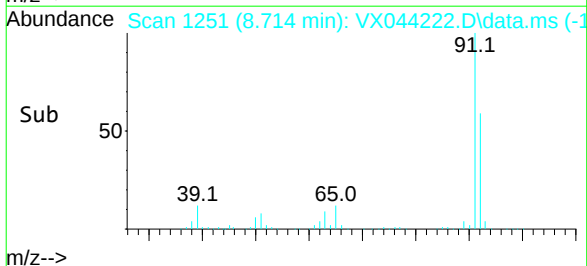
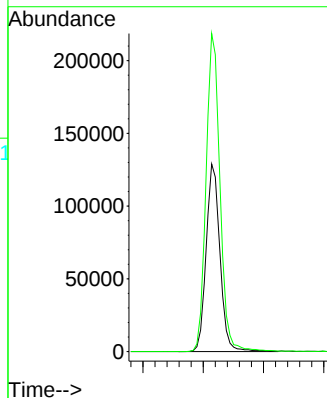
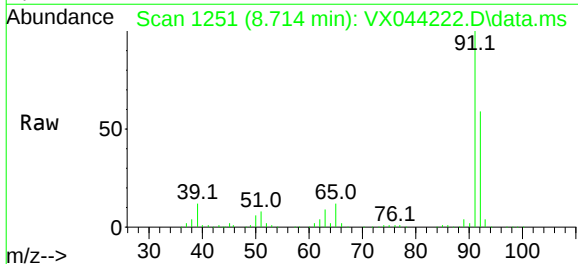
Manual Integrations
APPROVED

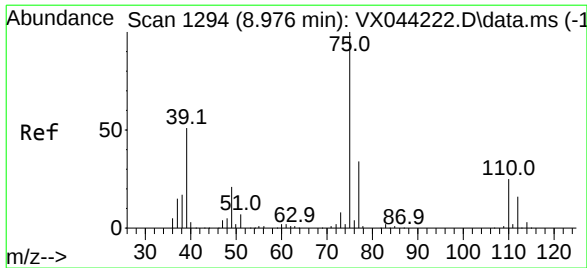
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 51.370 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

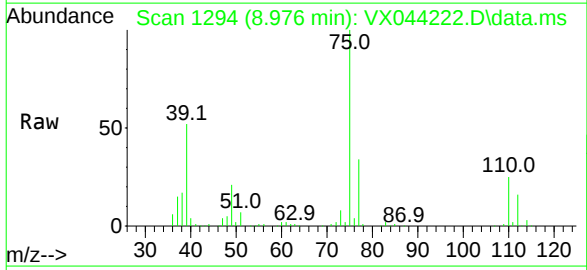
Tgt Ion: 92 Resp: 204738
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 51.362 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

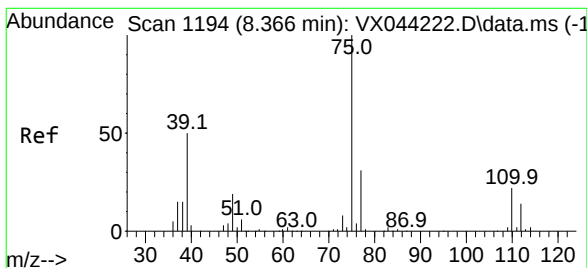
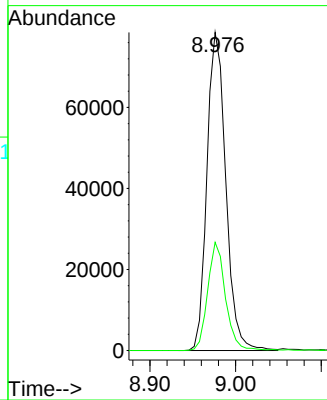
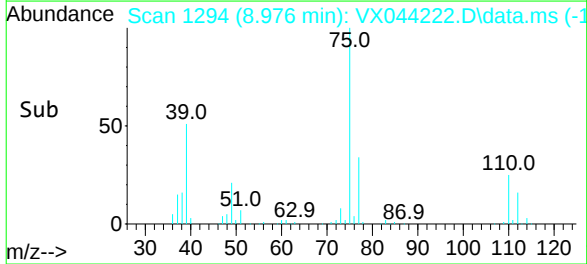
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 120007
Ion Ratio Lower Upper
75 100
77 34.0 27.2 40.8

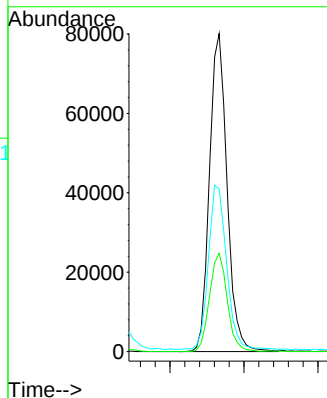
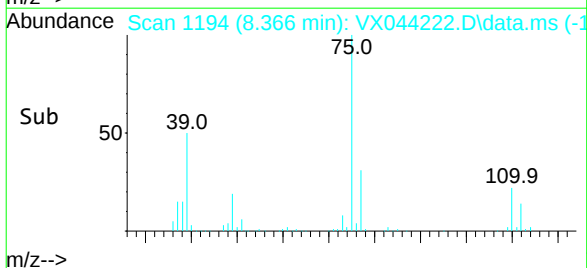
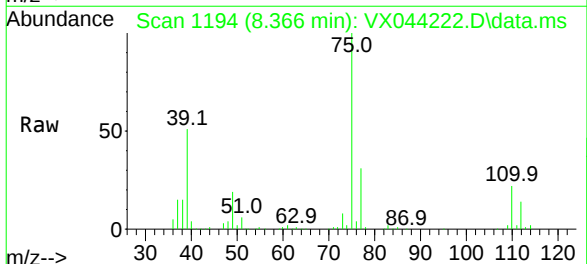
Manual Integrations
APPROVED

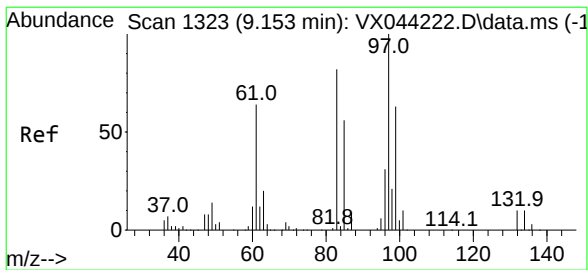
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#54
cis-1,3-Dichloropropene
Concen: 55.923 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

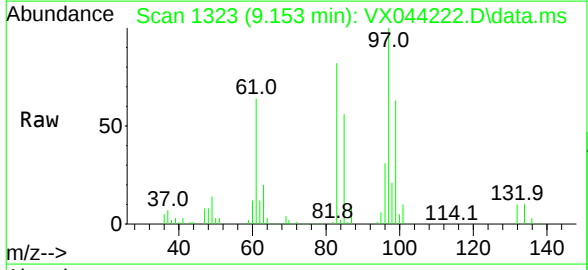
Tgt Ion: 75 Resp: 132286
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1
39 50.4 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 52.729 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

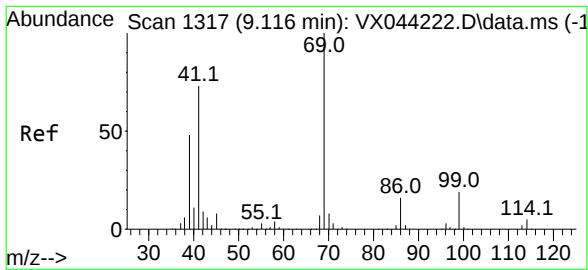
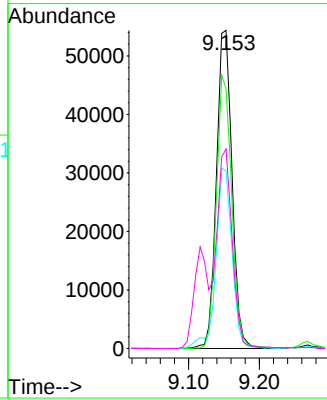
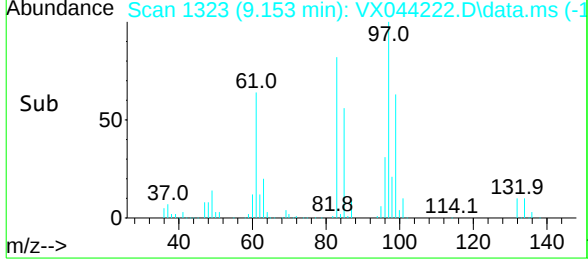
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	83488
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	55.8	44.6	67.0
99	62.7	50.2	75.2

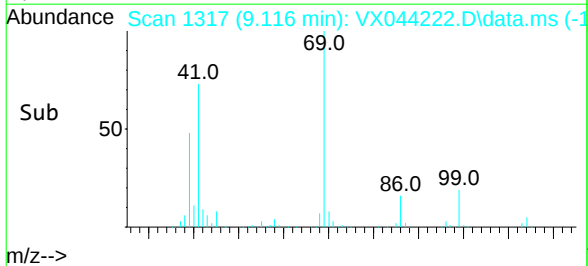
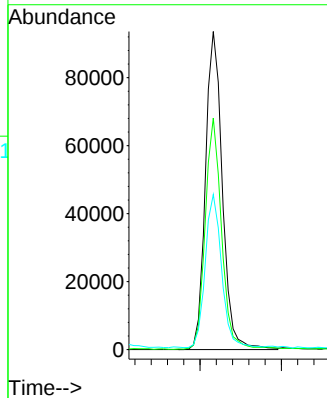
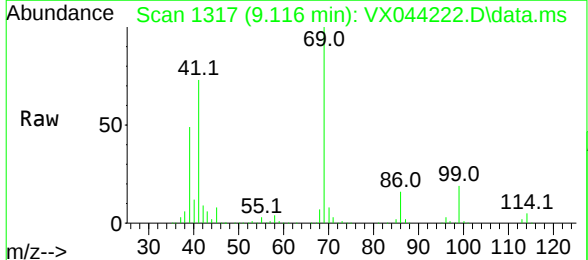
Manual Integrations
APPROVED

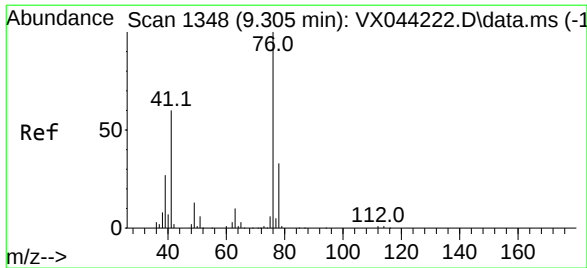
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#56
Ethyl methacrylate
Concen: 53.917 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:	69	Resp:	134770
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	46.7	37.4	56.0





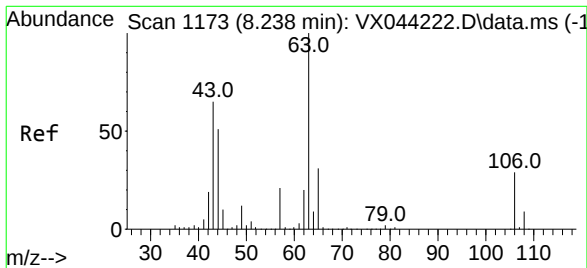
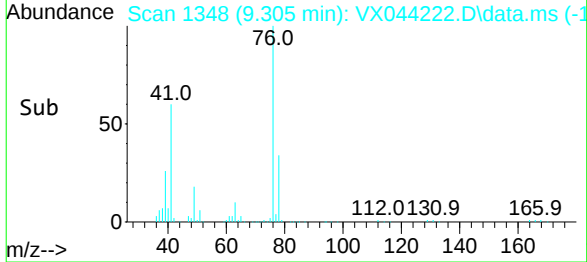
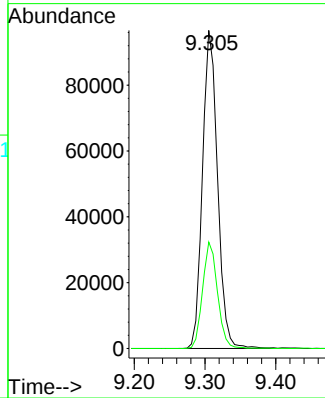
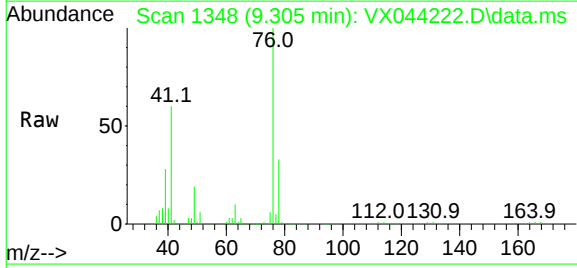
#57
1,3-Dichloropropane
Concen: 51.904 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 143044
Ion Ratio Lower Upper
76 100
78 33.1 26.5 39.7

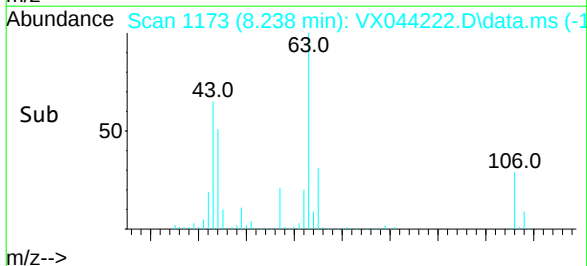
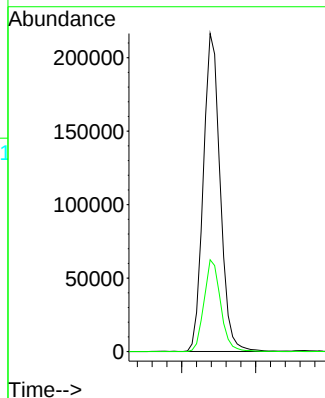
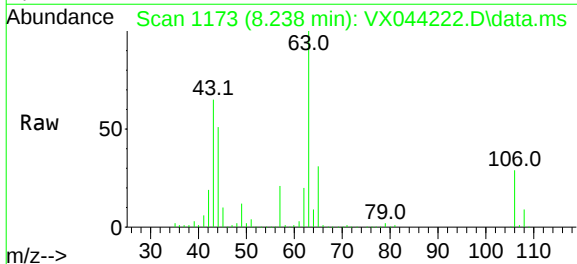
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 271.745 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 342592
Ion Ratio Lower Upper
63 100
106 28.5 22.8 34.2





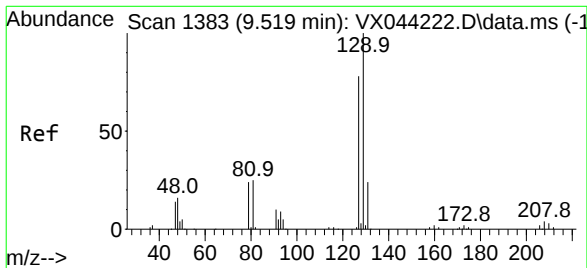
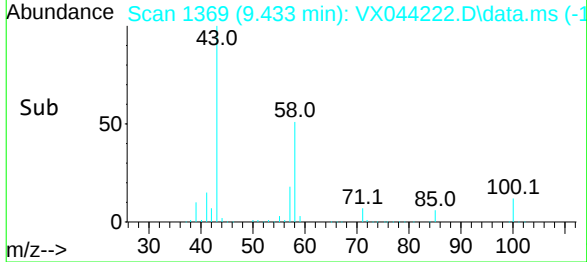
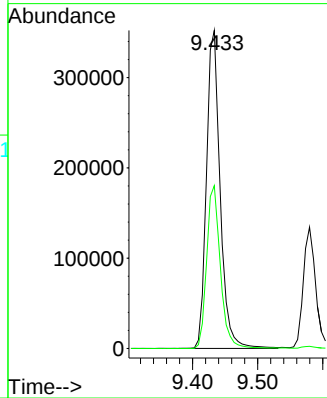
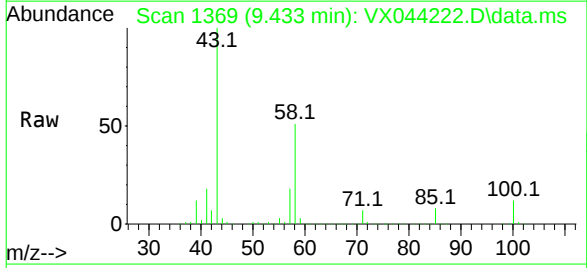
#59
2-Hexanone
Concen: 272.881 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 512906
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0

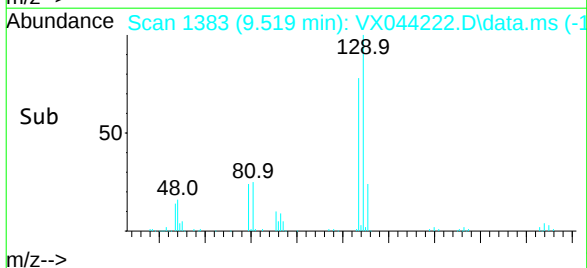
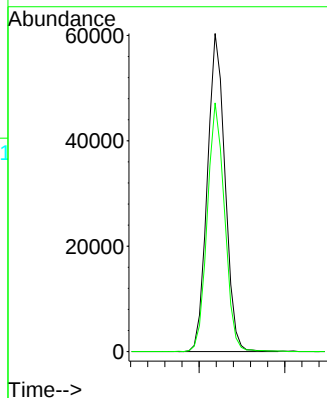
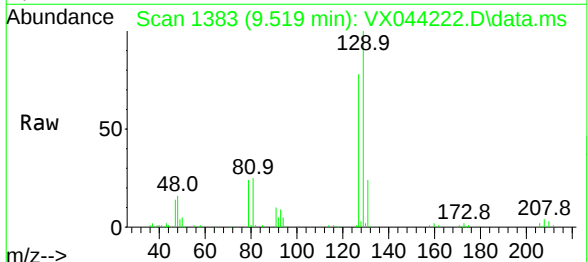
Manual Integrations
APPROVED

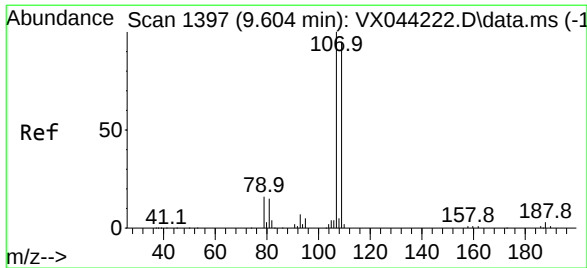
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 51.400 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:129 Resp: 86352
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





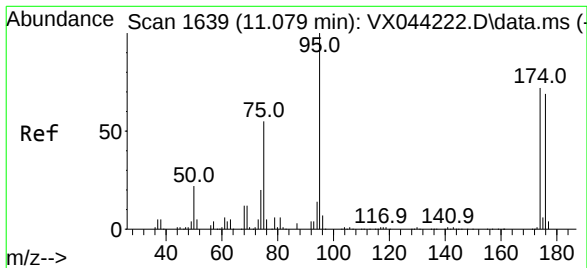
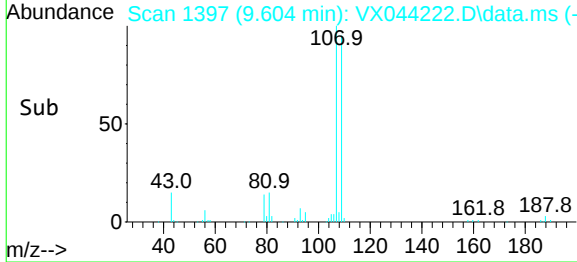
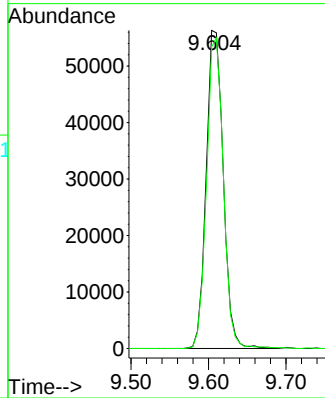
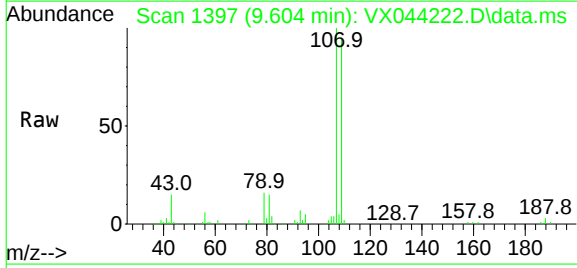
#61
1,2-Dibromoethane
Concen: 53.454 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 107 Resp: 86156
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.4

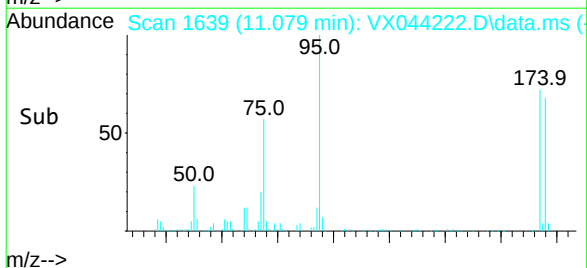
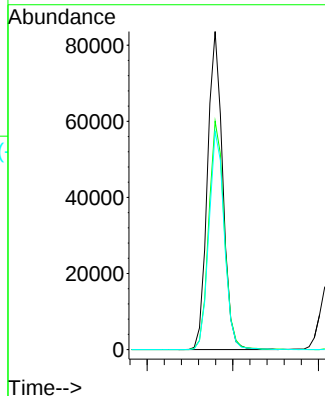
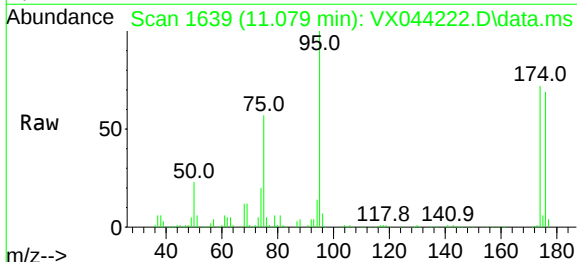
Manual Integrations
APPROVED

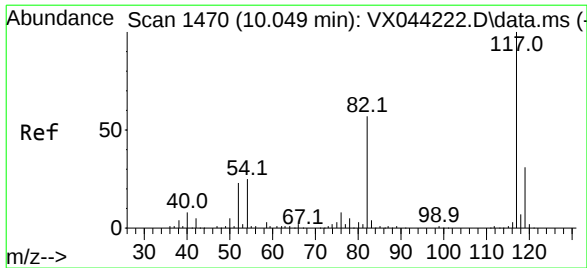
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 95 Resp: 103178
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.8
176 68.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

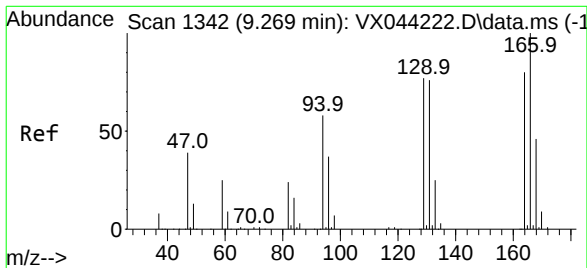
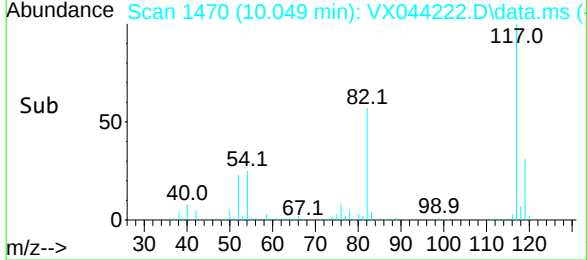
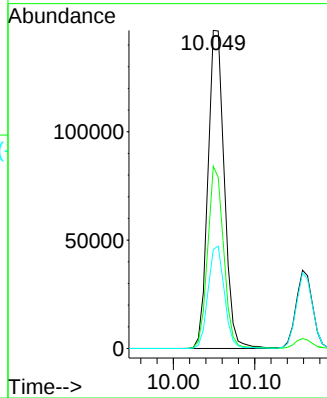
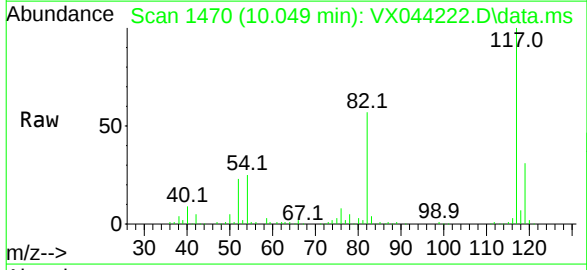
Tgt Ion:	117	Resp:	205196
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.8
119	31.2	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 48.379 ug/l

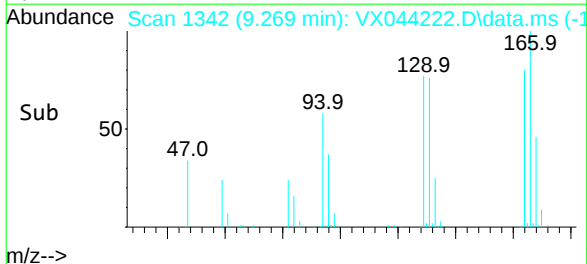
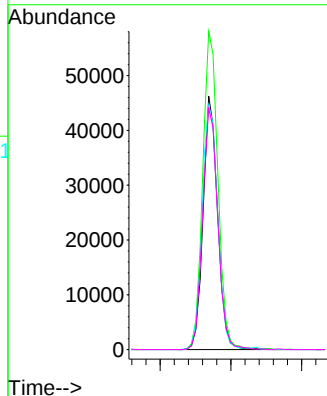
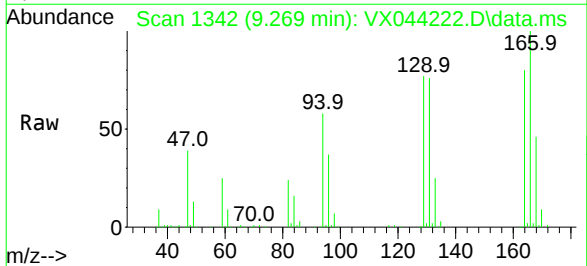
RT: 9.269 min Scan# 1342

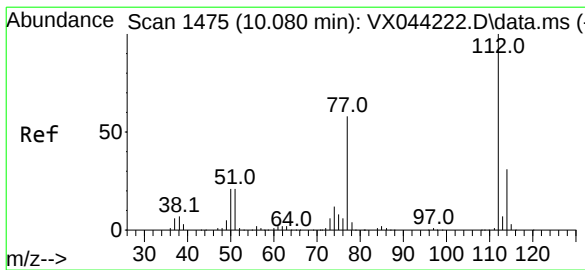
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	164	Resp:	65888
Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.4	150.6
129	96.5	77.2	115.8
131	95.2	76.2	114.2





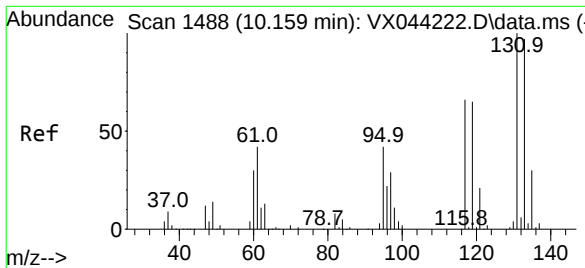
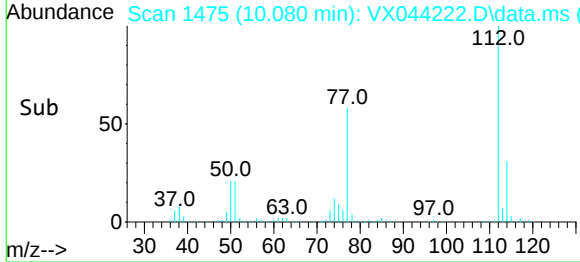
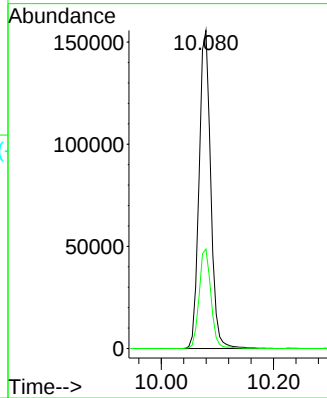
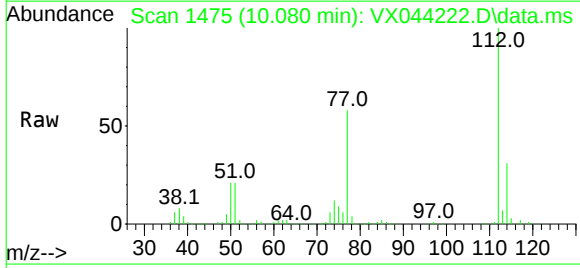
#65
Chlorobenzene
Concen: 50.779 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 223269
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

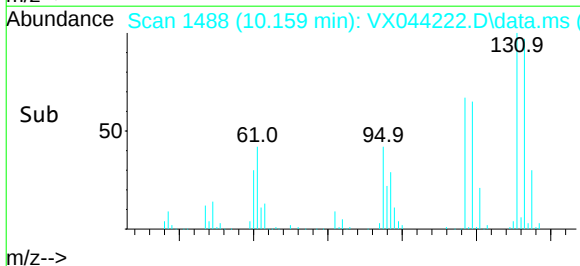
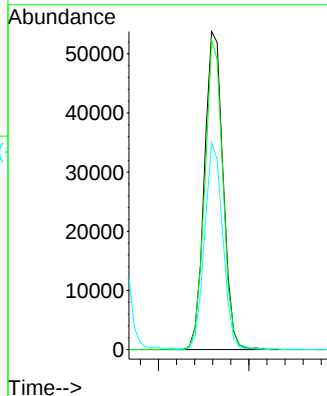
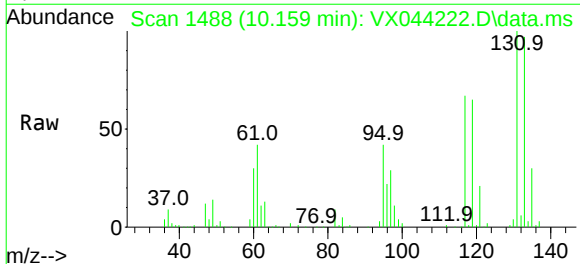
Manual Integrations
APPROVED

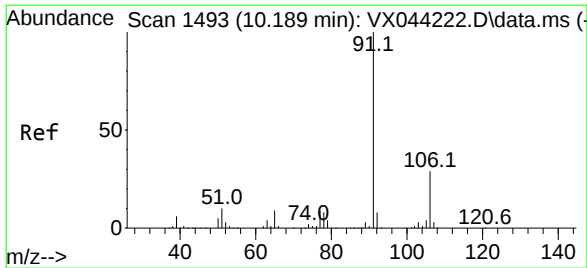
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.396 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

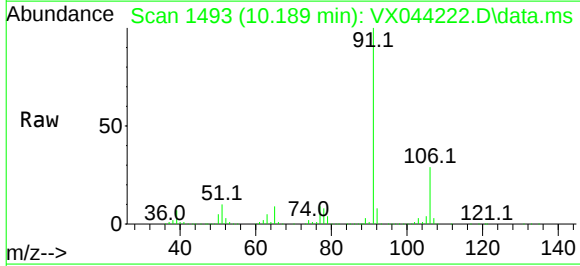
Tgt Ion:131 Resp: 76867
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 52.050 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

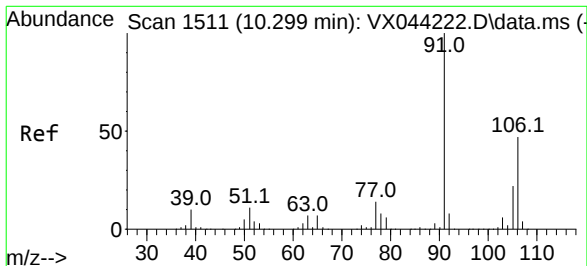
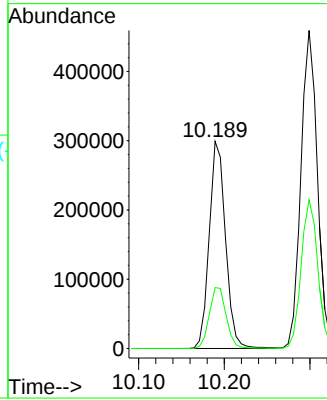
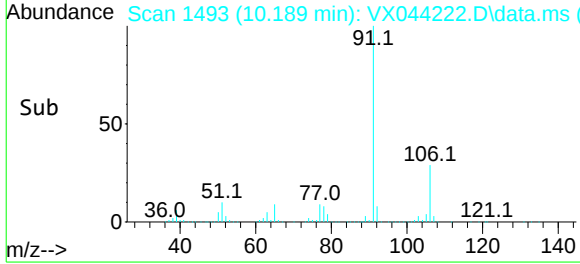
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



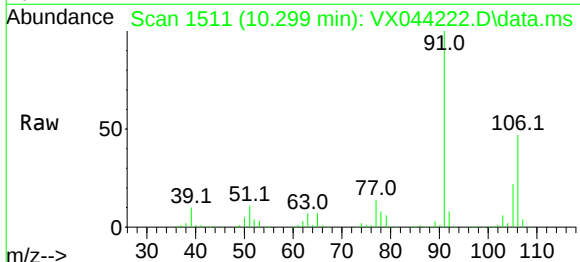
Tgt Ion: 91 Resp: 395430
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3

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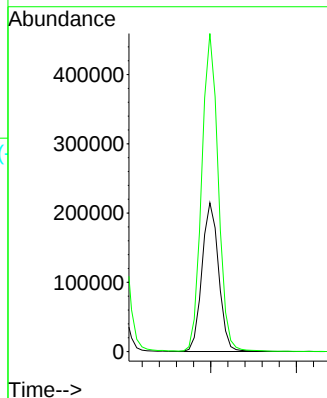
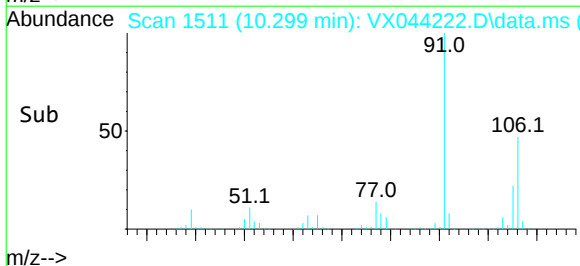
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

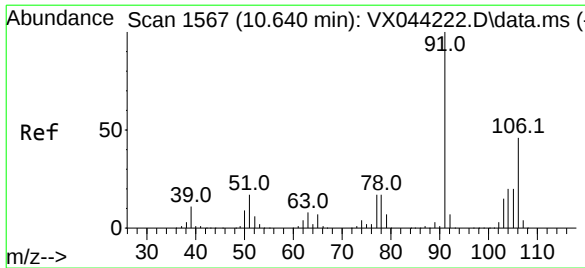


#68
m/p-Xylenes
Concen: 104.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14



Tgt Ion:106 Resp: 290181
Ion Ratio Lower Upper
106 100
91 212.7 170.2 255.2





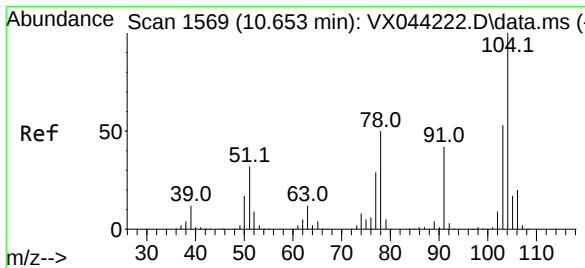
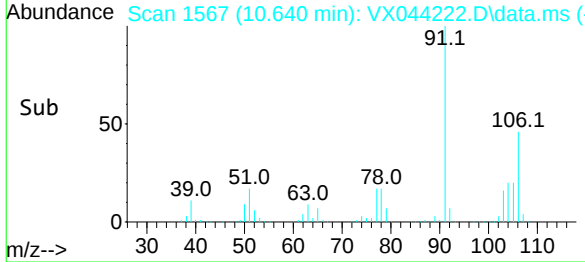
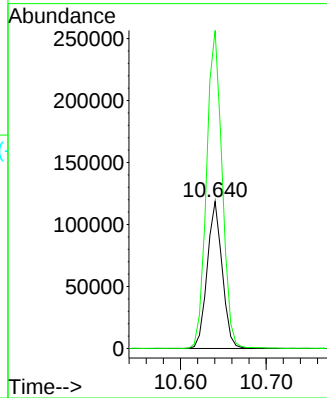
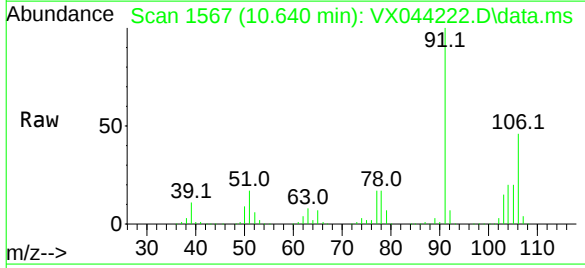
#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 144247
Ion Ratio Lower Upper
106 100
91 224.7 112.3 337.0

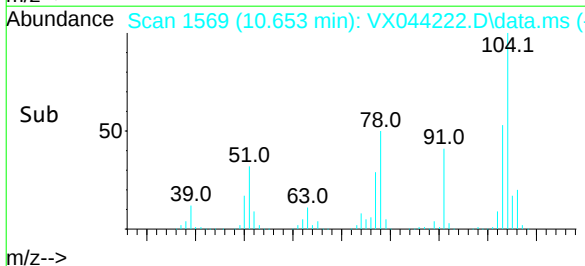
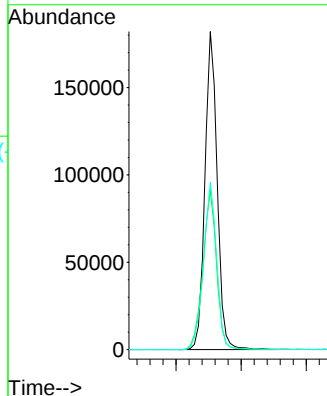
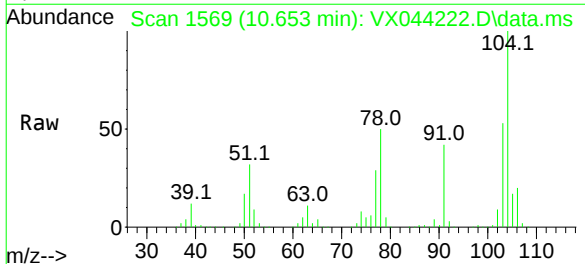
Manual Integrations
APPROVED

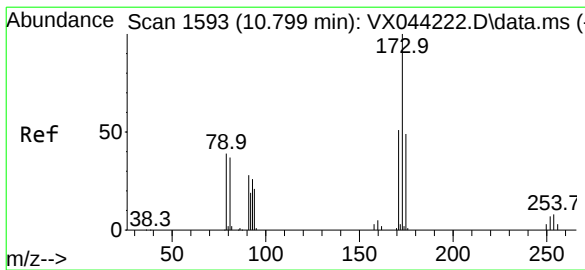
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#70
Styrene
Concen: 52.719 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:104 Resp: 238379
Ion Ratio Lower Upper
104 100
78 55.8 44.6 67.0
103 56.7 45.4 68.0





#71

Bromoform

Concen: 51.158 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

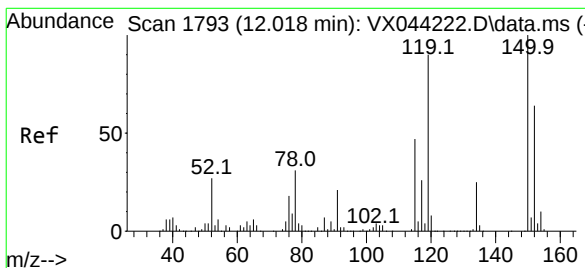
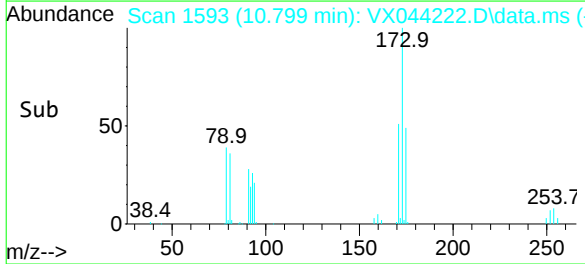
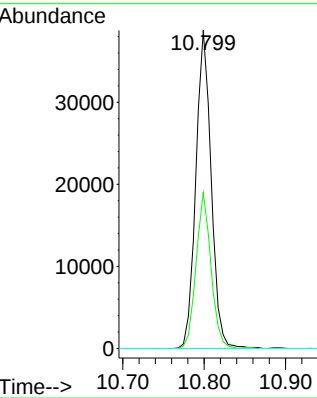
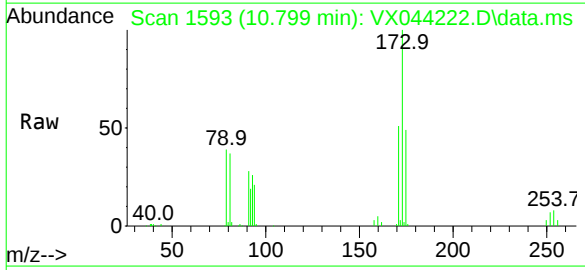
Tgt Ion:	173	Resp:	50667
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

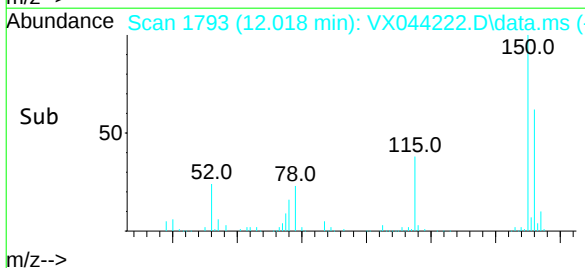
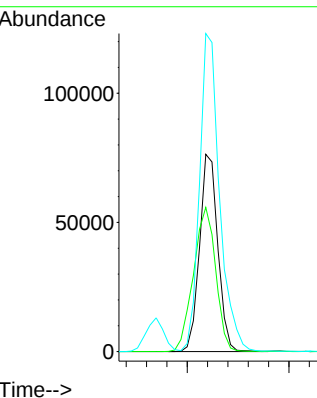
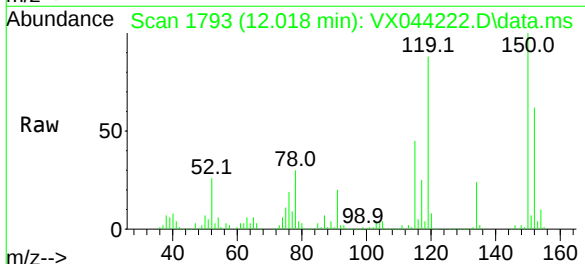
RT: 12.018 min Scan# 1793

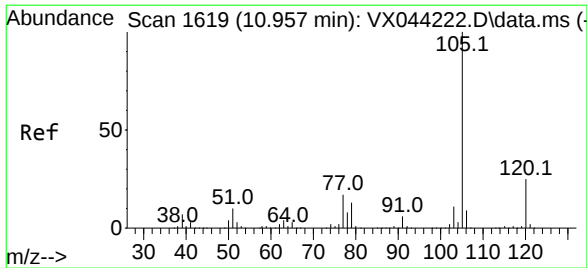
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	152	Resp:	95227
Ion Ratio	Lower	Upper	
152	100		
115	88.9	44.5	133.3
150	176.9	0.0	353.8





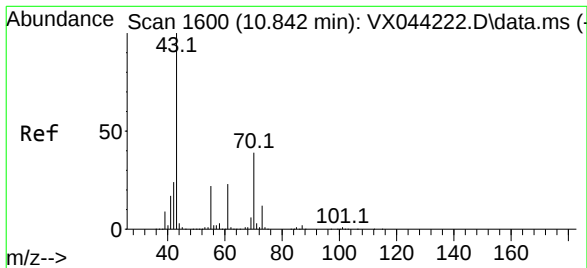
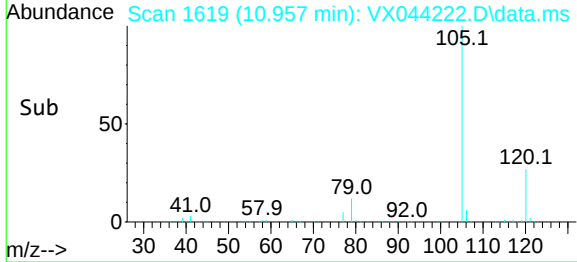
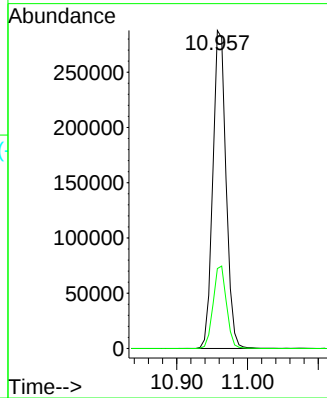
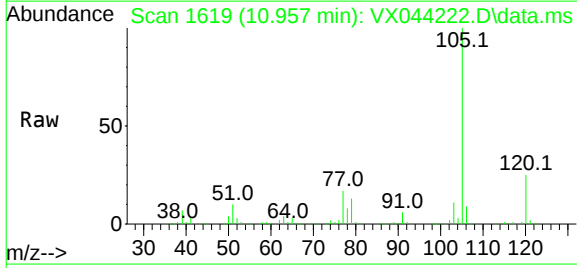
#73
Isopropylbenzene
Concen: 51.100 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 105 Resp: 372519
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

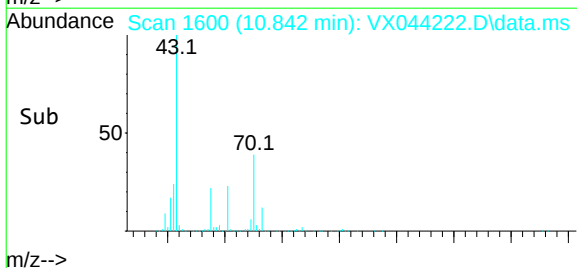
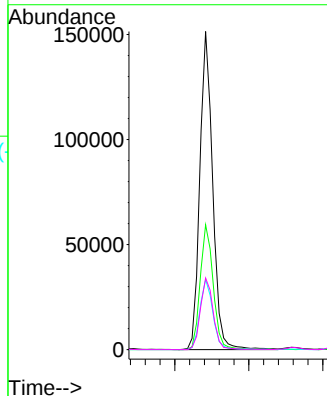
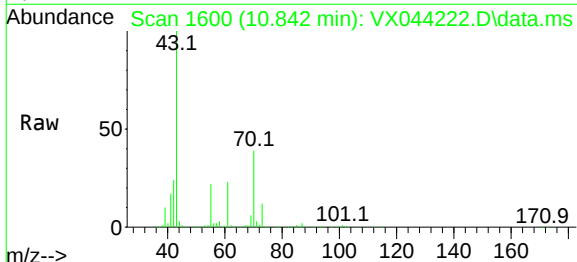
Manual Integrations
APPROVED

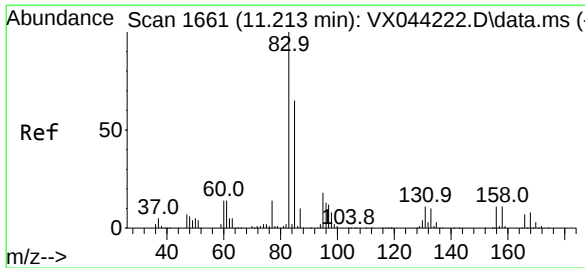
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#74
N-ethyl acetate
Concen: 54.166 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 182491
Ion Ratio Lower Upper
43 100
70 39.9 31.9 47.9
55 22.4 17.9 26.9
61 22.4 17.9 26.9





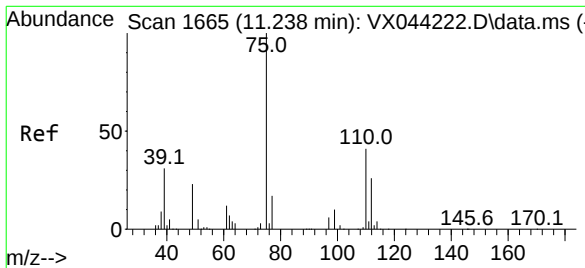
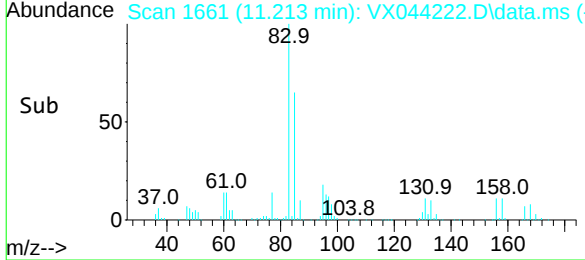
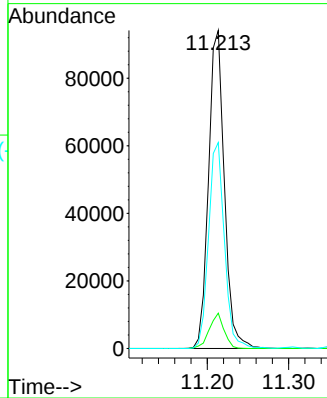
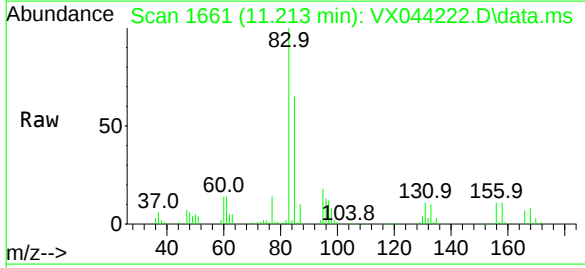
#75
1,1,2,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 127193
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.9 32.5 97.4

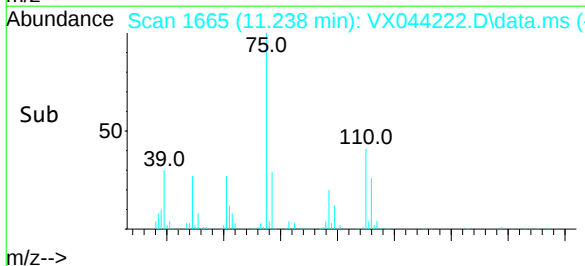
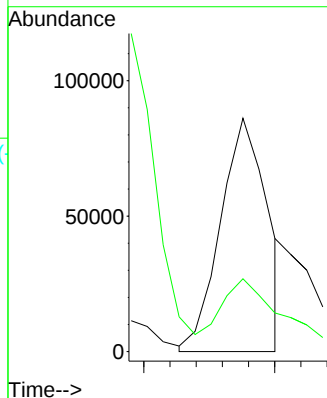
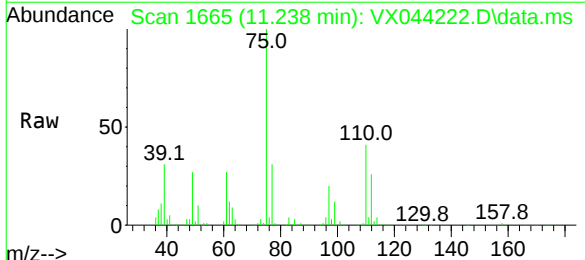
Manual Integrations
APPROVED

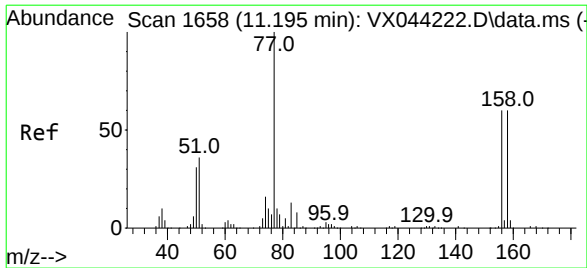
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#76
1,2,3-Trichloropropane
Concen: 49.518 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 107003
Ion Ratio Lower Upper
75 100
77 41.8 20.9 62.7





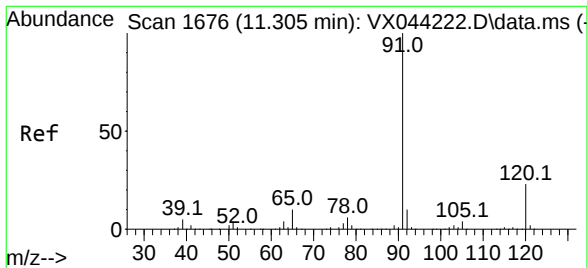
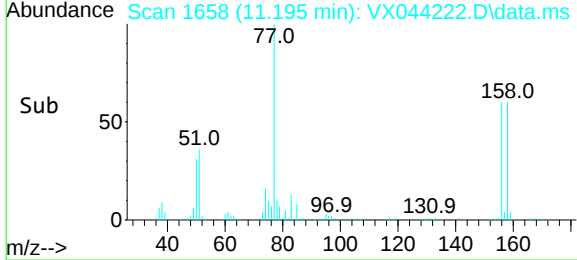
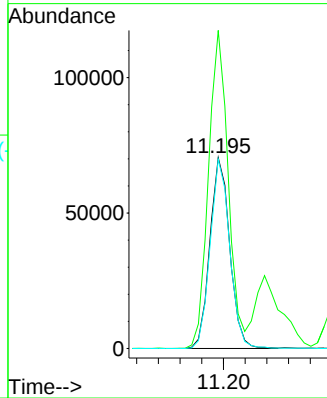
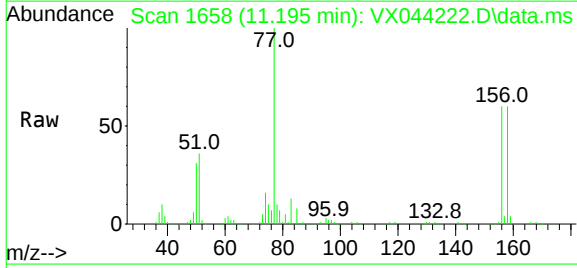
#77
Bromobenzene
Concen: 50.734 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 89687
Ion Ratio Lower Upper
156 100
77 165.2 82.6 247.8
158 97.6 48.8 146.4

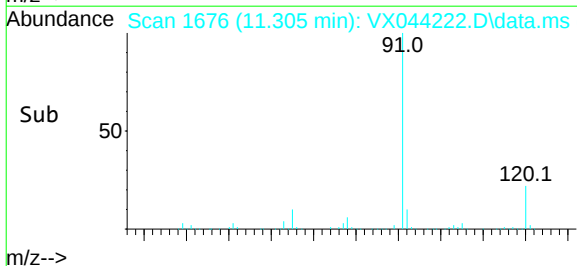
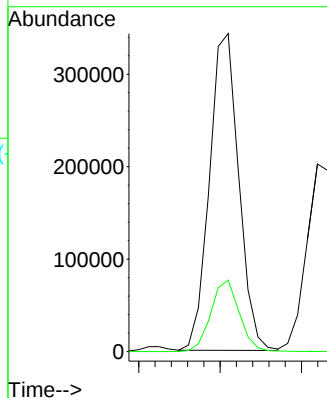
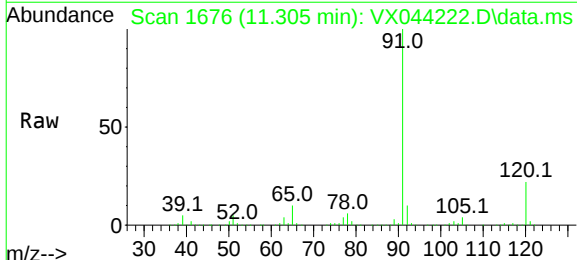
Manual Integrations
APPROVED

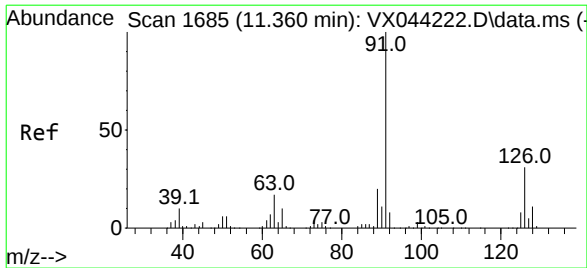
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#78
n-propylbenzene
Concen: 53.211 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 428741
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.634 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 263849

Ion Ratio Lower Upper

91 100

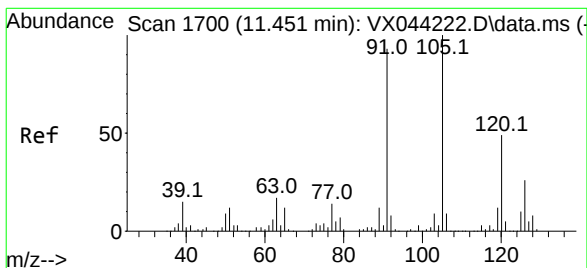
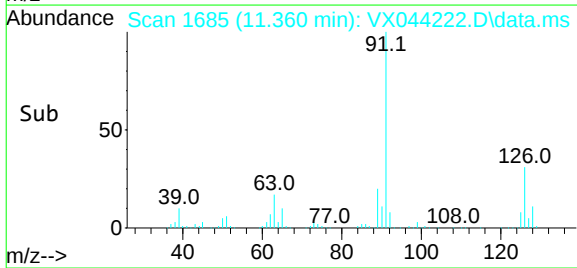
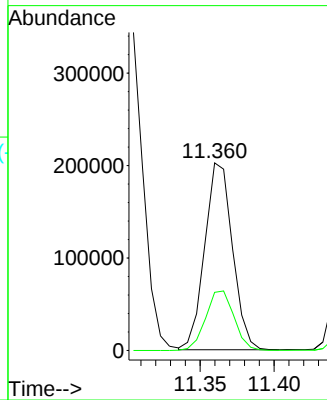
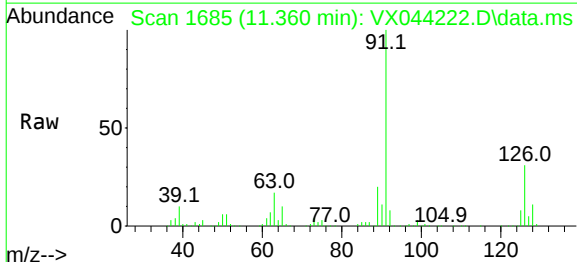
126 32.7 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.102 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044222.D

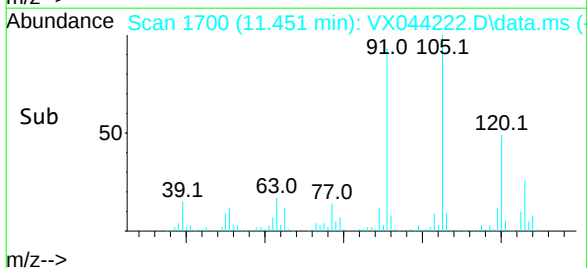
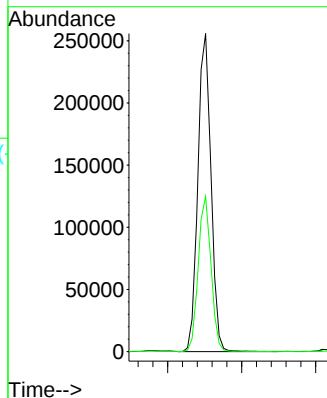
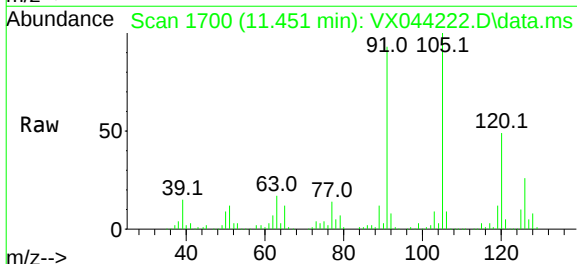
Acq: 11 Dec 2024 12:14

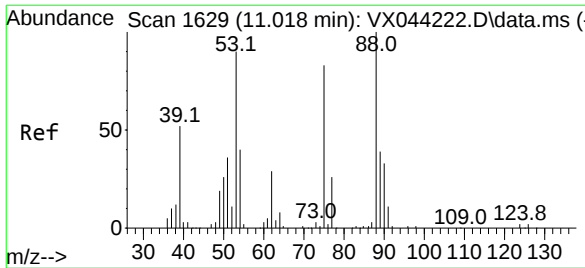
Tgt Ion:105 Resp: 314986

Ion Ratio Lower Upper

105 100

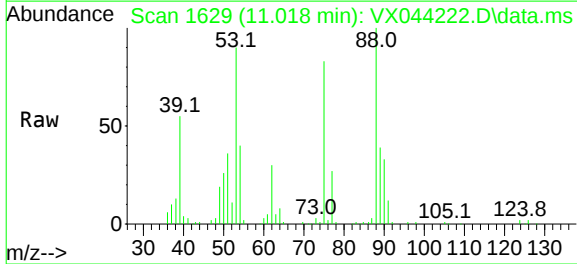
120 47.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 47.628 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

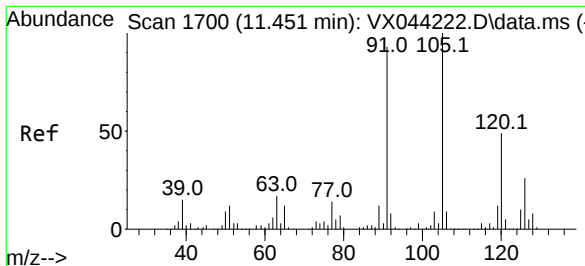
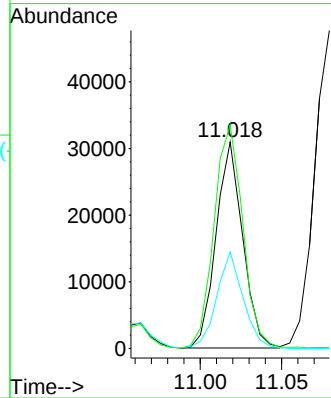
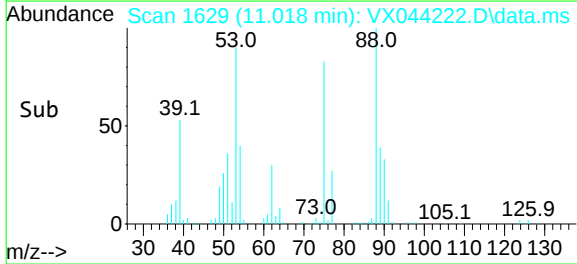
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



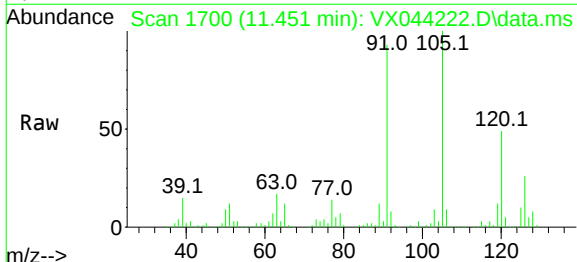
Tgt Ion: 75 Resp: 35119
Ion Ratio Lower Upper
75 100
53 117.0 93.6 140.4
89 46.6 37.3 55.9

Manual Integrations
APPROVED

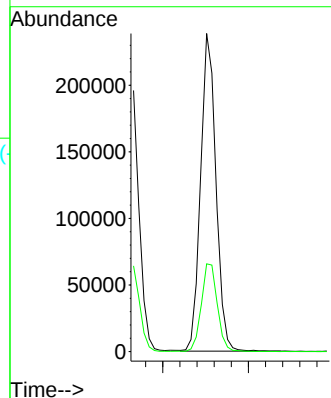
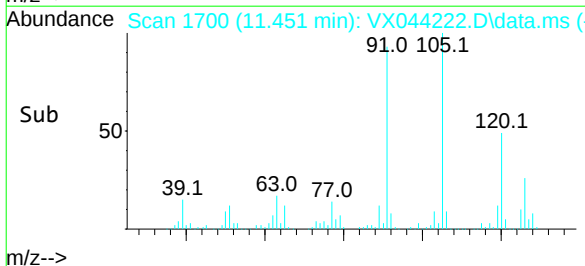
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

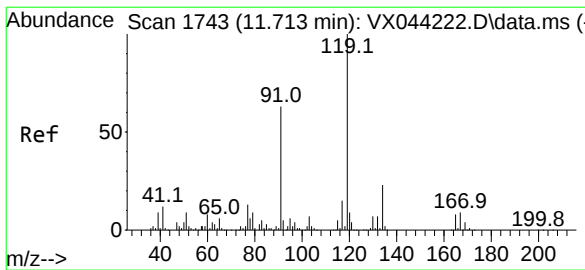


#82
4-Chlorotoluene
Concen: 51.387 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14



Tgt Ion: 91 Resp: 296520
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.5





#83

tert-Butylbenzene

Concen: 51.940 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

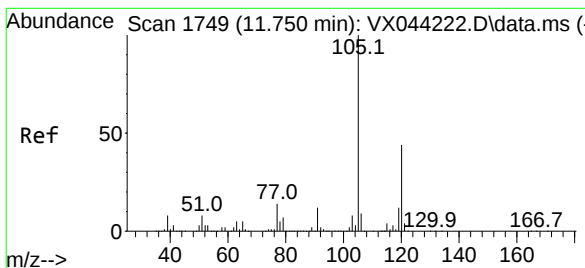
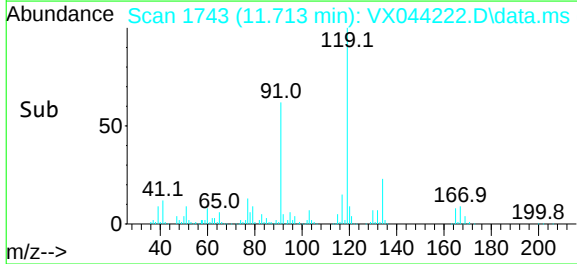
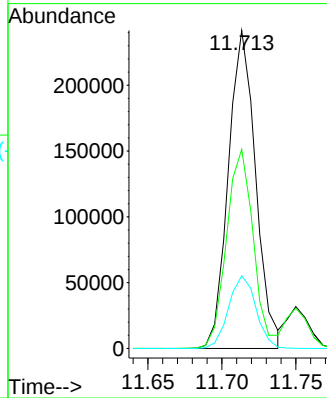
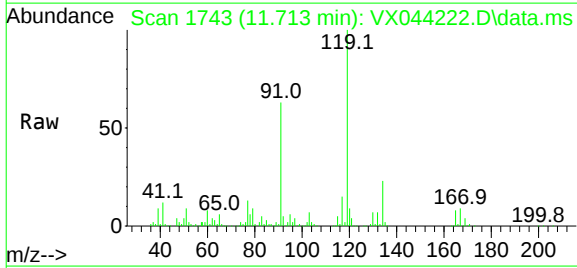
Tgt Ion:	119	Resp:	310320
Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.9	92.5
134	22.9	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.776 ug/l

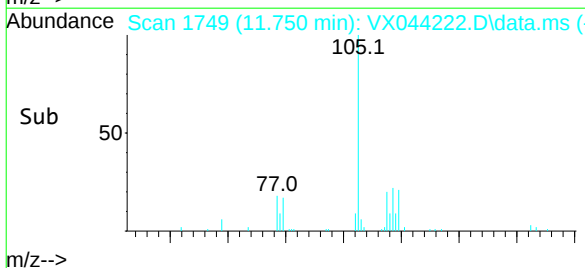
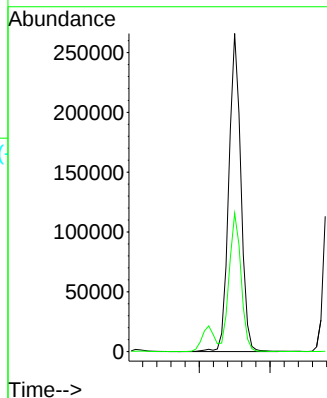
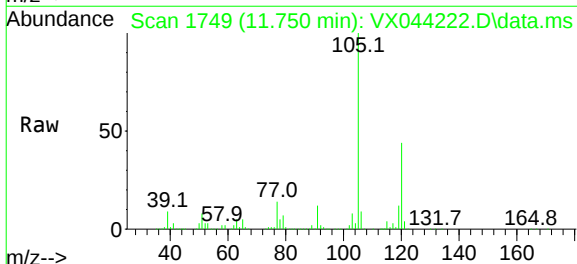
RT: 11.750 min Scan# 1749

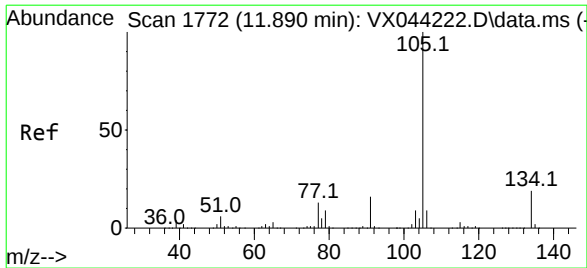
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	105	Resp:	313338
Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.7	65.1





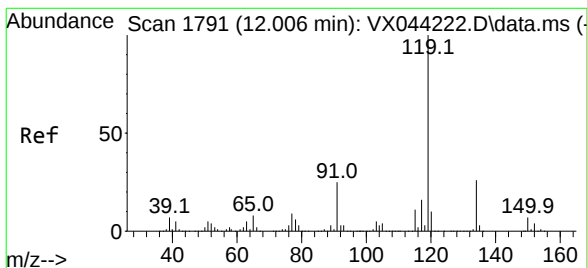
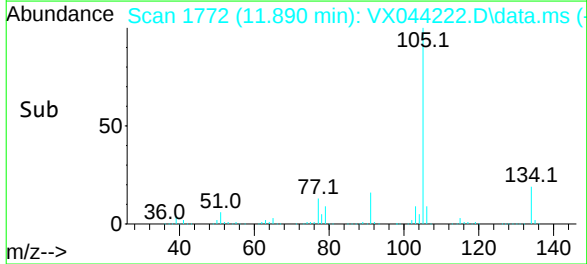
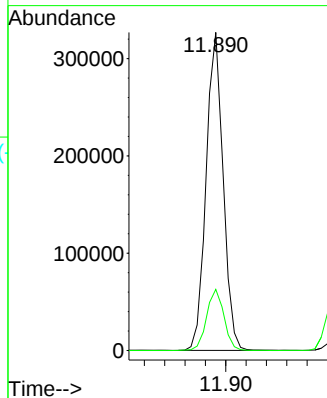
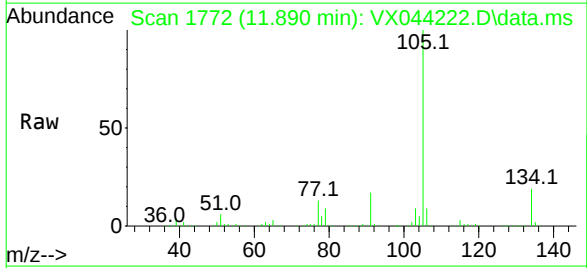
#85
sec-Butylbenzene
Concen: 52.329 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 379552
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4

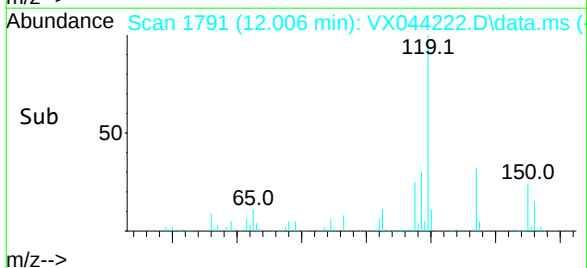
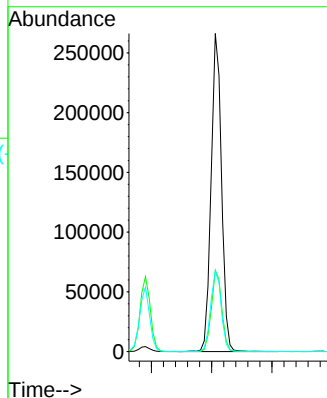
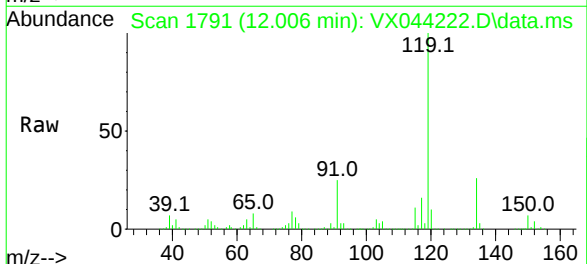
Manual Integrations
APPROVED

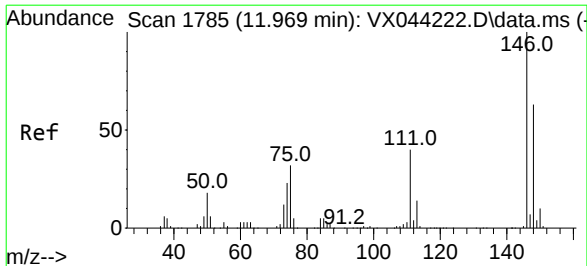
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#86
p-Isopropyltoluene
Concen: 52.796 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:119 Resp: 318721
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.4
91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.887 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 160223

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

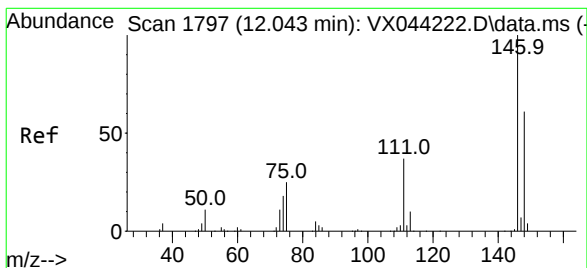
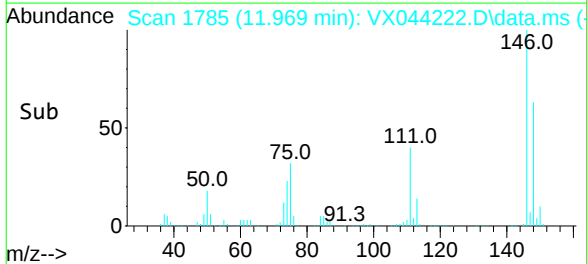
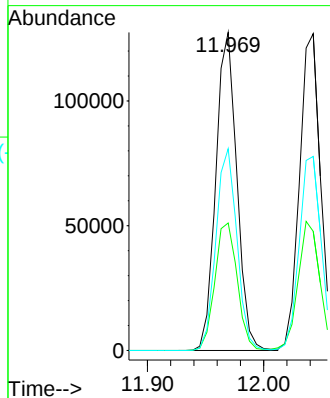
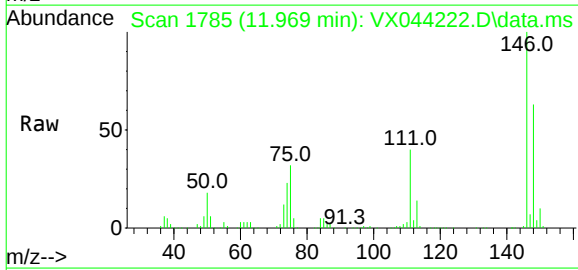
148 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 50.171 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

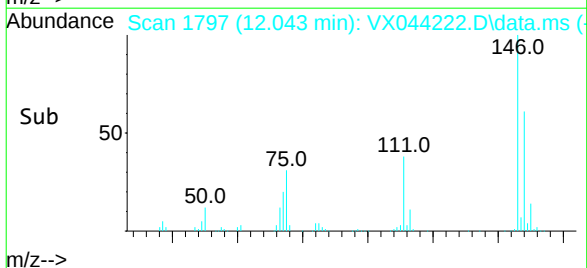
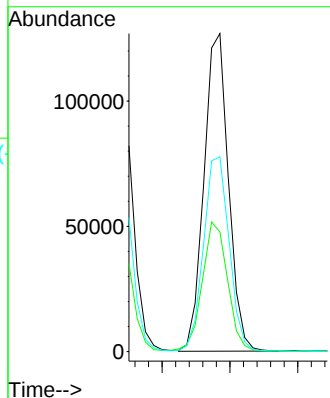
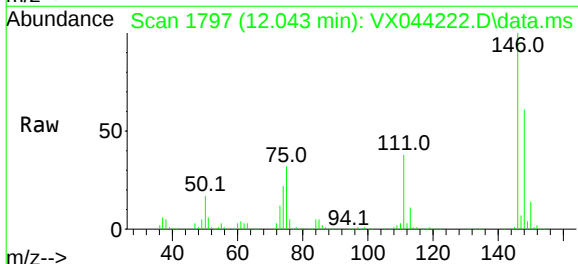
Tgt Ion:146 Resp: 159258

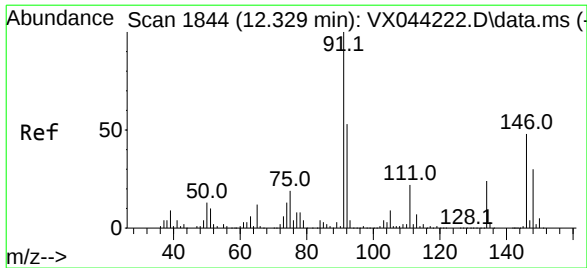
Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 53.354 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

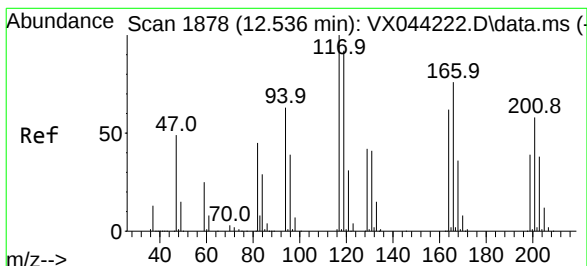
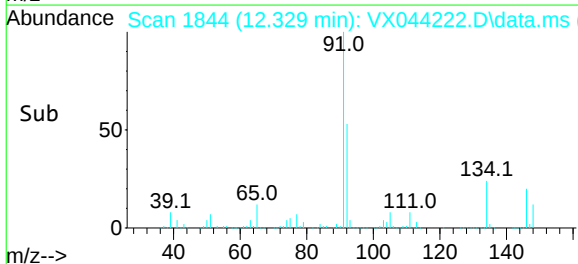
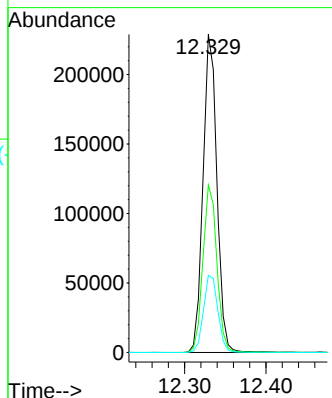
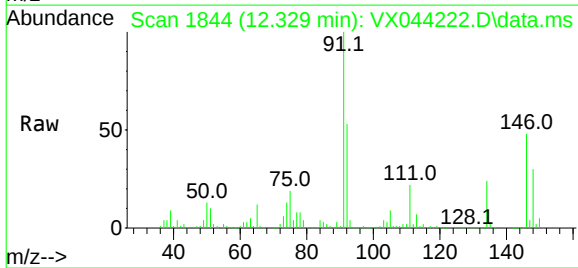
Tgt Ion:	91	Resp:	270840
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 54.813 ug/l

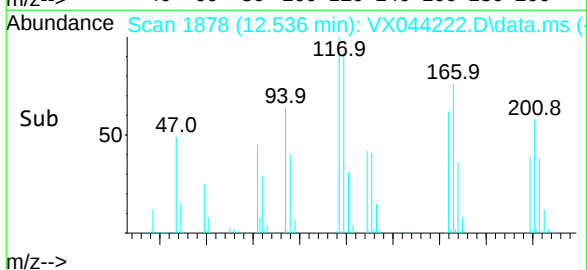
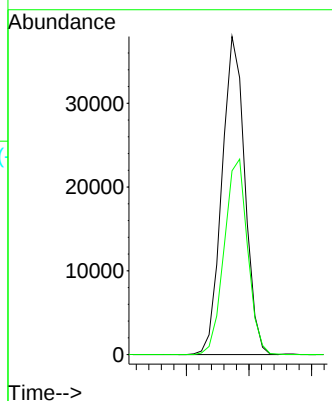
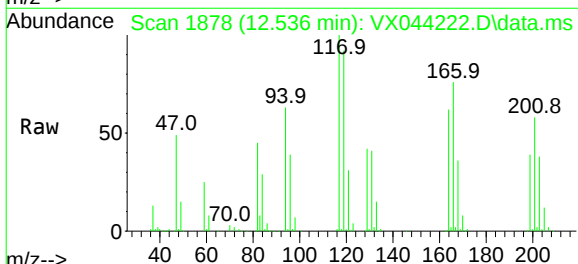
RT: 12.536 min Scan# 1878

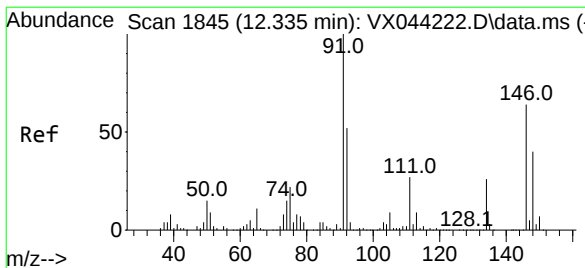
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	117	Resp:	48303
Ion	Ratio	Lower	Upper
117	100		
201	62.8	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 51.256 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

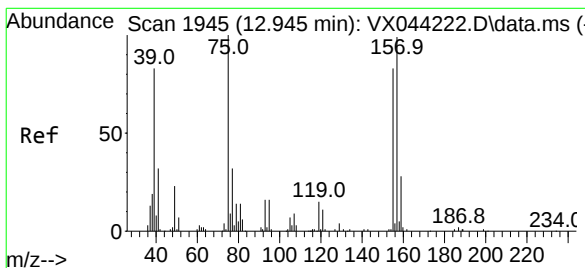
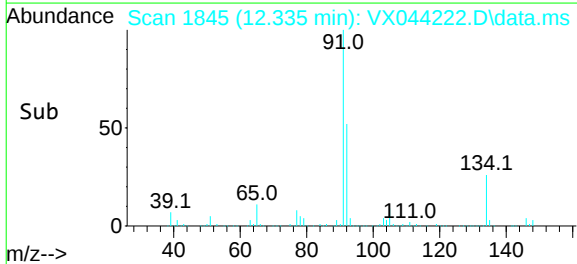
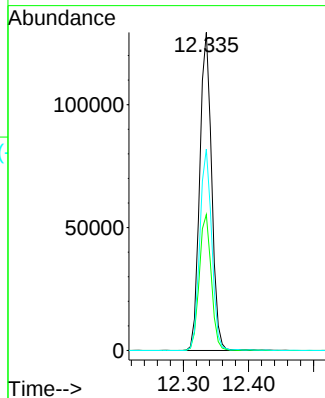
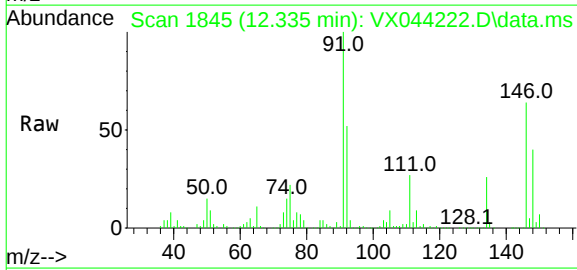
Tgt Ion:	146	Resp:	164342
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.4	64.3
148	63.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.951 ug/l

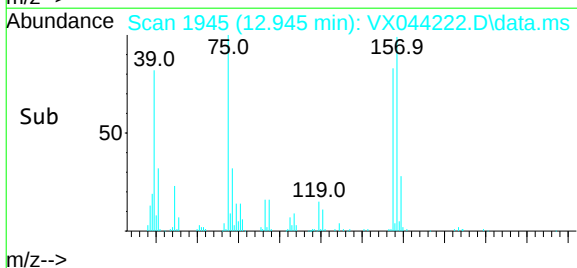
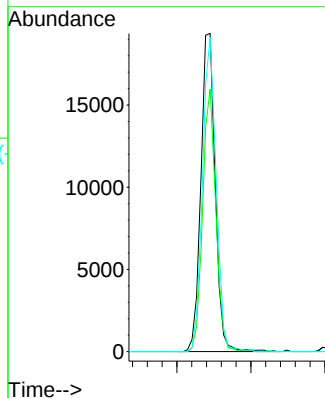
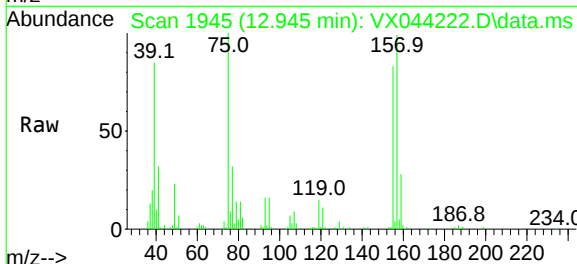
RT: 12.945 min Scan# 1945

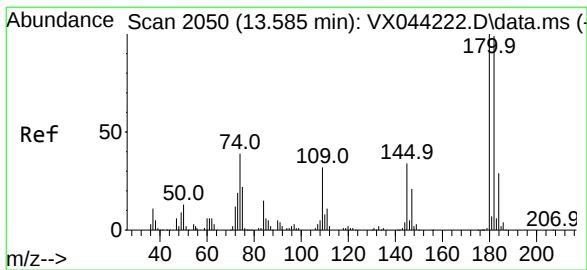
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	75	Resp:	26027
Ion Ratio	Lower	Upper	
75	100		
155	76.2	38.1	114.3
157	94.4	47.2	141.6





#93

1,2,4-Trichlorobenzene

Concen: 53.005 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

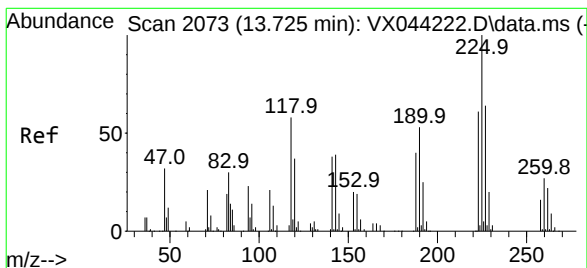
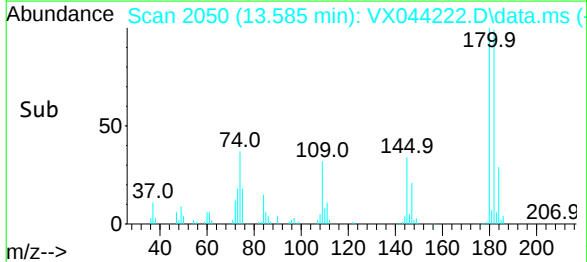
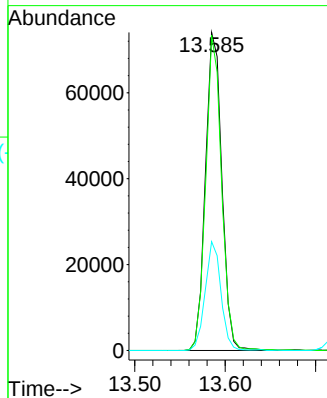
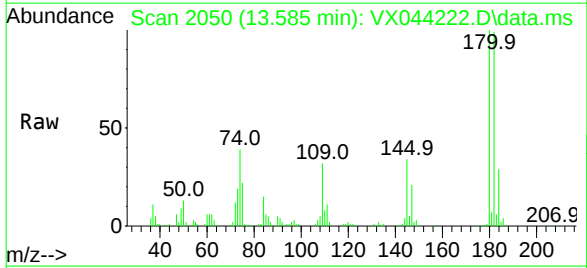
Tgt Ion:	180	Resp:	93173
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.2
145	33.1	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#94

Hexachlorobutadiene

Concen: 49.744 ug/l

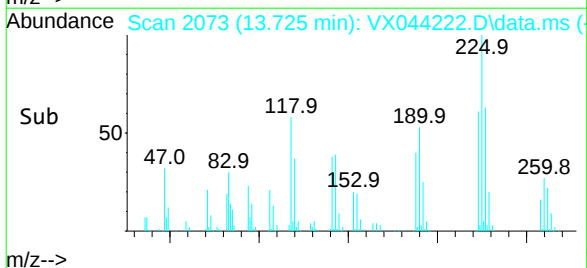
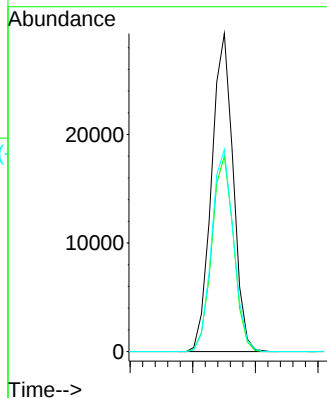
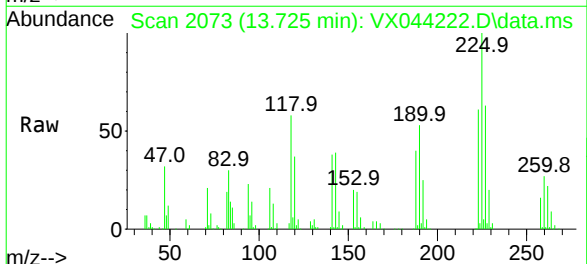
RT: 13.725 min Scan# 2073

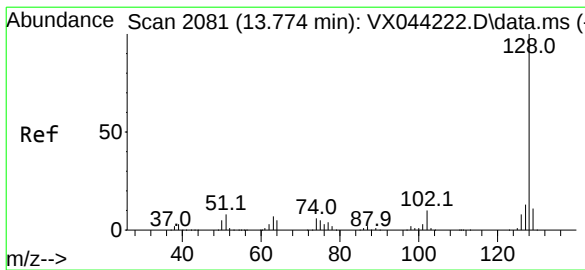
Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	225	Resp:	35172
Ion Ratio	Lower	Upper	
225	100		
223	61.6	30.8	92.4
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 53.230 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

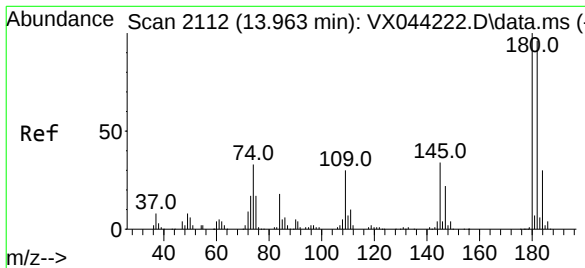
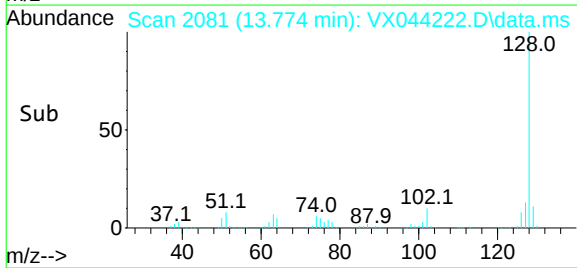
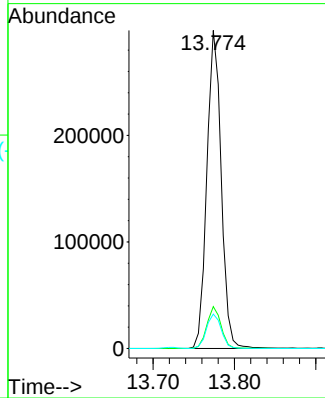
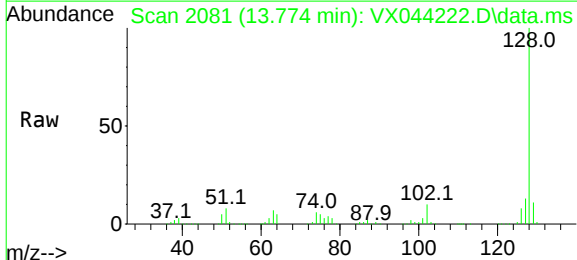
Tgt Ion:	128	Resp:	365234
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.027 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:	180	Resp:	97000
Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	35.4	17.7	53.1

