

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044078.D
 Acq On : 02 Dec 2024 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 03 00:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	110153	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110624	58.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.100%	
35) Dibromofluoromethane	5.385	113	78962	52.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.740%	
50) Toluene-d8	8.647	98	265218	51.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	92933	53.042	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63306	45.366	ug/l	98
3) Chloromethane	1.294	50	67470	45.946	ug/l	100
4) Vinyl Chloride	1.374	62	70074	44.864	ug/l	99
5) Bromomethane	1.599	94	50213	52.258	ug/l	99
6) Chloroethane	1.666	64	50180	52.725	ug/l	100
7) Trichlorofluoromethane	1.874	101	130323	46.669	ug/l	98
8) Diethyl Ether	2.136	74	51660	50.756	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	65044	48.831	ug/l	98
10) Methyl Iodide	2.447	142	86107	51.760	ug/l	96
11) Tert butyl alcohol	2.995	59	73975	243.939	ug/l	99
12) 1,1-Dichloroethene	2.312	96	61778	48.671	ug/l	94
13) Acrolein	2.233	56	94462	295.527	ug/l	97
14) Allyl chloride	2.660	41	109902	52.990	ug/l	97
15) Acrylonitrile	3.062	53	192644	260.681	ug/l	99
16) Acetone	2.386	43	179501	206.859	ug/l	99
17) Carbon Disulfide	2.501	76	104481	39.906	ug/l	98
18) Methyl Acetate	2.703	43	113779	56.305	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	259787	56.368	ug/l	100
20) Methylene Chloride	2.782	84	75294	51.131	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	65919	50.302	ug/l	96
22) Diisopropyl ether	3.757	45	247794	55.874	ug/l	91
23) Vinyl Acetate	3.715	43	1041038	274.408	ug/l	99
24) 1,1-Dichloroethane	3.605	63	138104	53.980	ug/l	99
25) 2-Butanone	4.562	43	279833	249.926	ug/l	96
26) 2,2-Dichloropropane	4.465	77	119157	51.571	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	85050	52.505	ug/l	98
28) Bromochloromethane	4.891	49	55748	49.503	ug/l	100
29) Tetrahydrofuran	5.001	42	174580	254.332	ug/l	100
30) Chloroform	5.086	83	152075	55.266	ug/l	95
31) Cyclohexane	5.458	56	102255	48.561	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	129996	54.782	ug/l	100
36) 1,1-Dichloropropene	5.684	75	91240	49.026	ug/l	98
37) Ethyl Acetate	4.715	43	113503	49.132	ug/l	98
38) Carbon Tetrachloride	5.672	117	101670	48.619	ug/l	98
39) Methylcyclohexane	7.373	83	107218	44.346	ug/l	97
40) Benzene	6.031	78	281897	48.628	ug/l	99

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Manual Integrations
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Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59930	50.686	ug/l	96
42) 1,2-Dichloroethane	6.080	62	121296	52.098	ug/l	99
43) Isopropyl Acetate	6.336	43	190798	51.897	ug/l	99
44) Trichloroethene	7.117	130	69109	42.112	ug/l	94
45) 1,2-Dichloropropane	7.421	63	72949	51.379	ug/l	99
46) Dibromomethane	7.580	93	56583	50.379	ug/l	97
47) Bromodichloromethane	7.818	83	107514	53.374	ug/l	98
48) Methyl methacrylate	7.690	41	88685	50.271	ug/l	97
49) 1,4-Dioxane	7.665	88	27227	866.424	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	579803	258.427	ug/l	98
52) Toluene	8.714	92	174082	50.172	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	108250	52.699	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	116220	51.611	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	72001	50.270	ug/l	97
56) Ethyl methacrylate	9.116	69	117918	52.857	ug/l	98
57) 1,3-Dichloropropane	9.305	76	125986	52.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	298188	243.800	ug/l	98
59) 2-Hexanone	9.433	43	426659	253.009	ug/l	99
60) Dibromochloromethane	9.519	129	73223	50.954	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74345	51.334	ug/l	98
64) Tetrachloroethene	9.269	164	58756	50.573	ug/l	98
65) Chlorobenzene	10.079	112	189783	49.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66589	53.058	ug/l	99
67) Ethyl Benzene	10.189	91	338216	51.578	ug/l	99
68) m/p-Xylenes	10.299	106	246645	100.862	ug/l	96
69) o-Xylene	10.640	106	123312	51.648	ug/l	96
70) Styrene	10.652	104	207805	52.623	ug/l	98
71) Bromoform	10.799	173	42407	44.849	ug/l #	99
73) Isopropylbenzene	10.963	105	326283	53.419	ug/l	99
74) N-ethyl acetate	10.841	43	158635	56.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	109661	52.434	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90966m	52.204	ug/l	
77) Bromobenzene	11.195	156	75117	51.554	ug/l	97
78) n-propylbenzene	11.305	91	365479	53.576	ug/l	98
79) 2-Chlorotoluene	11.360	91	225958	52.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271808	54.091	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31478	49.294	ug/l	96
82) 4-Chlorotoluene	11.451	91	259474	53.280	ug/l	99
83) tert-Butylbenzene	11.713	119	264203	53.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	270100	53.989	ug/l	100
85) sec-Butylbenzene	11.890	105	323290	52.977	ug/l	100
86) p-Isopropyltoluene	12.006	119	270869	54.644	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137866	51.951	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	135748	50.174	ug/l	97
89) n-Butylbenzene	12.329	91	238610	54.597	ug/l	98
90) Hexachloroethane	12.536	117	42330	50.220	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138525	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22001	52.500	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	78738	49.869	ug/l	99
94) Hexachlorobutadiene	13.725	225	29087	46.613	ug/l	99
95) Naphthalene	13.774	128	336161	59.146	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80961	50.661	ug/l	96

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VSTDCCC050EC

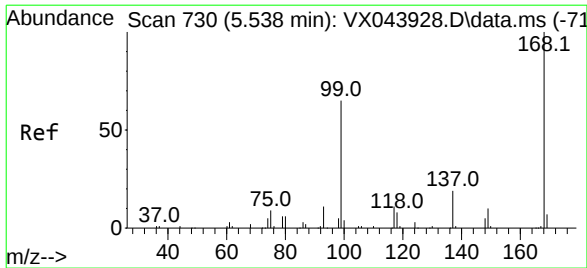
Manual Integrations
APPROVED

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Quant Time: Dec 03 00:29:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

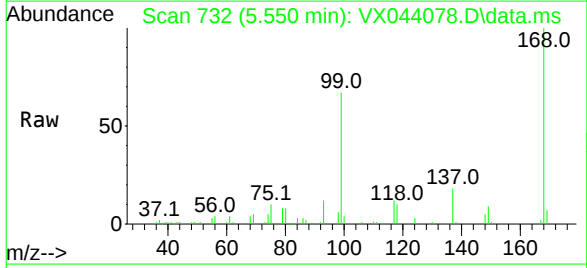
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. 0.012 min
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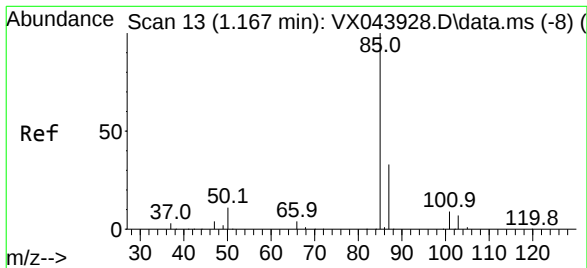
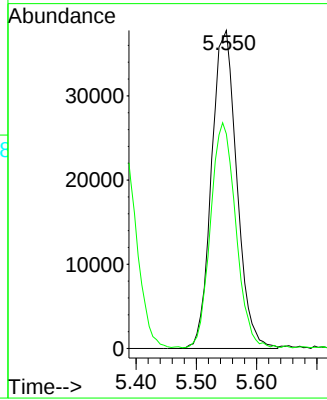
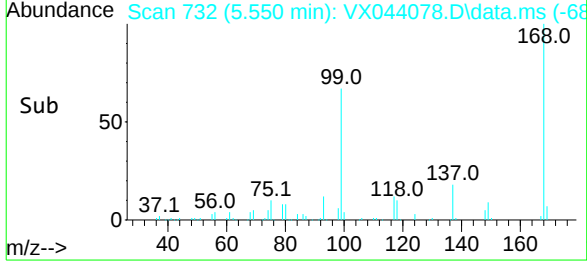
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 110153
Ion Ratio Lower Upper
168 100
99 67.0 51.8 77.8

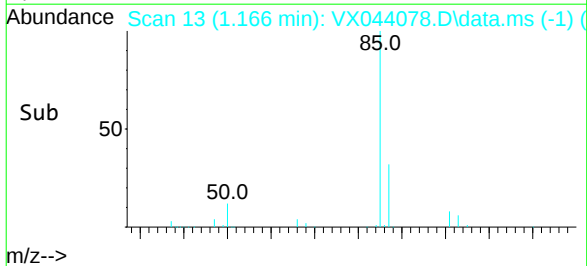
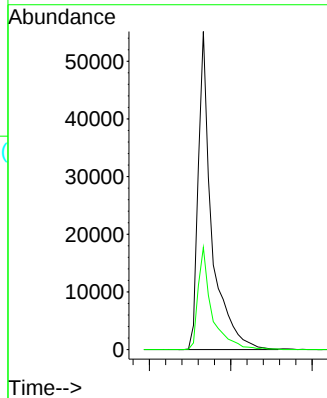
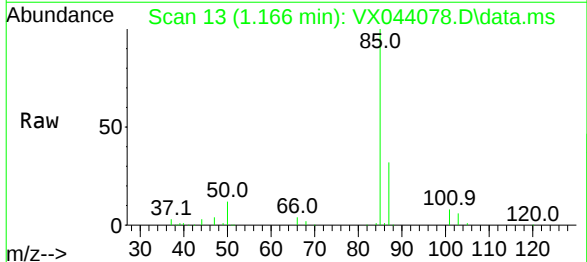
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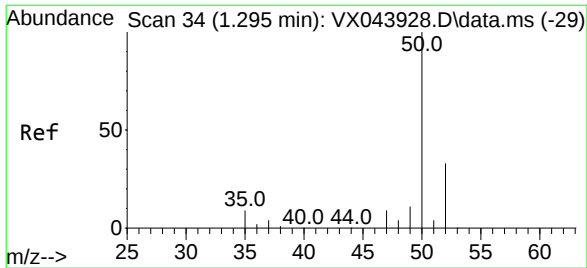
Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024



#2
Dichlorodifluoromethane
Concen: 45.366 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 85 Resp: 63306
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





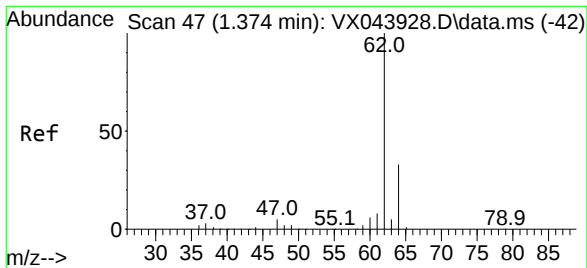
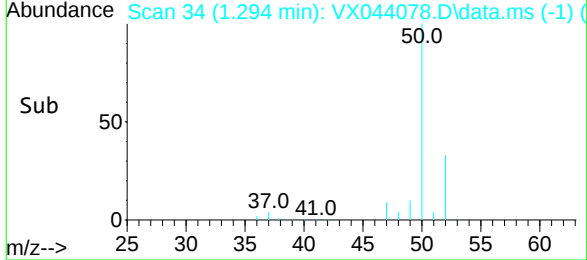
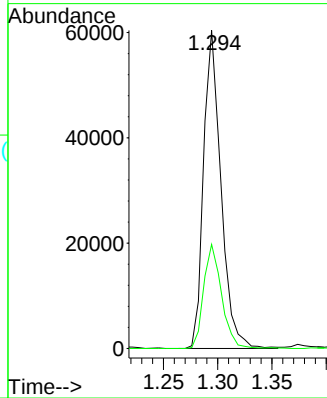
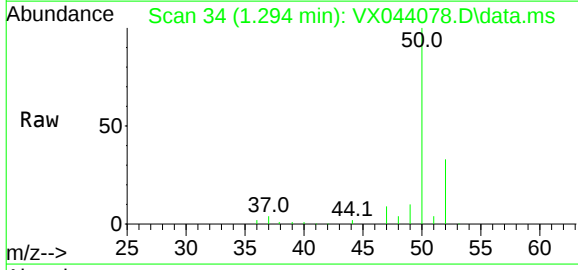
#3
Chloromethane
Concen: 45.946 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 67476
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1

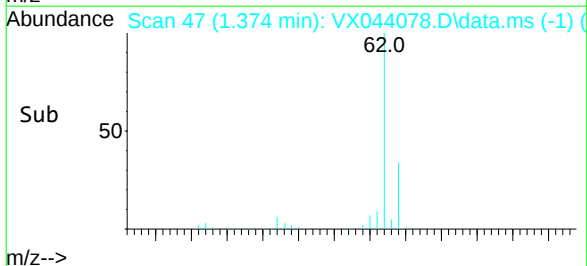
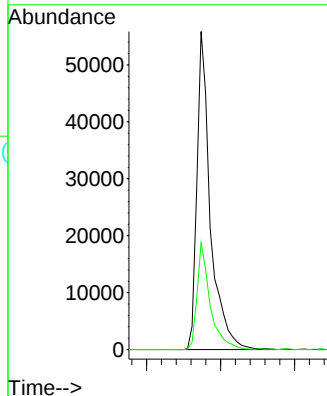
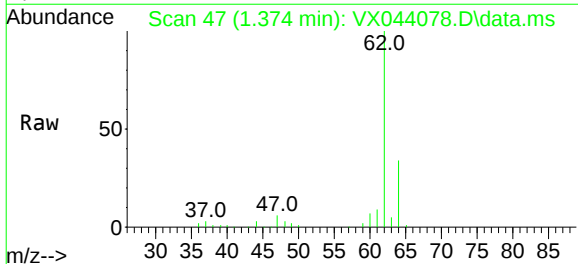
Manual Integrations
APPROVED

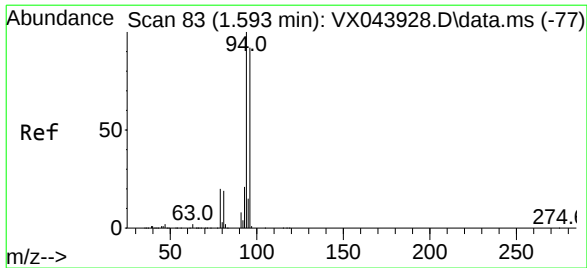
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#4
Vinyl Chloride
Concen: 44.864 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 62 Resp: 70074
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.4





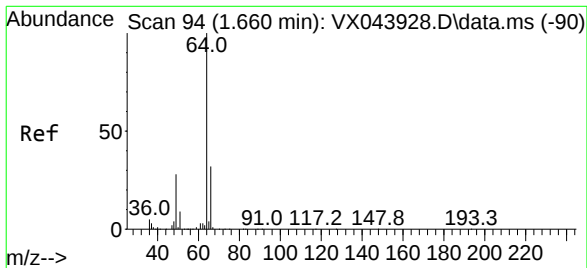
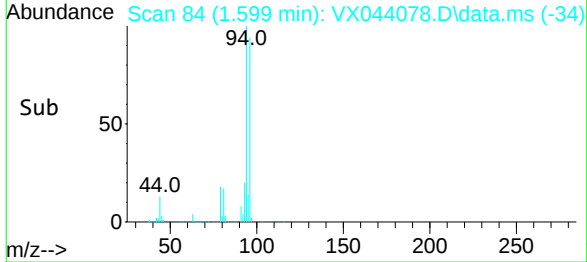
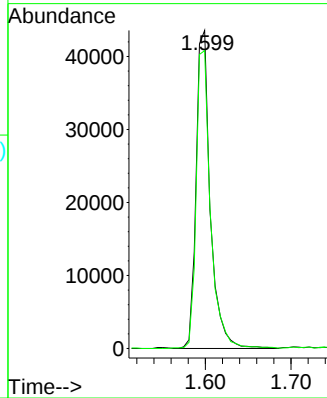
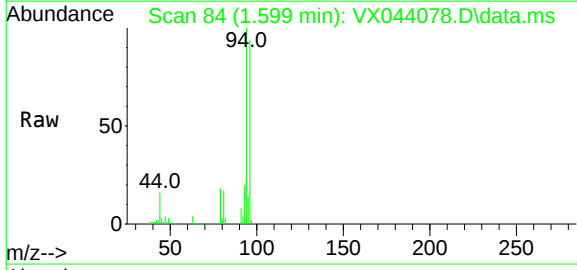
#5
Bromomethane
Concen: 52.258 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044078.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 50213
Ion Ratio Lower Upper
94 100
96 93.5 73.9 110.9

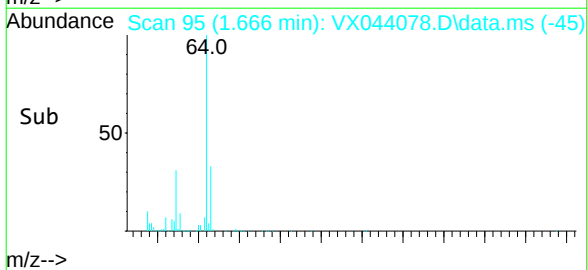
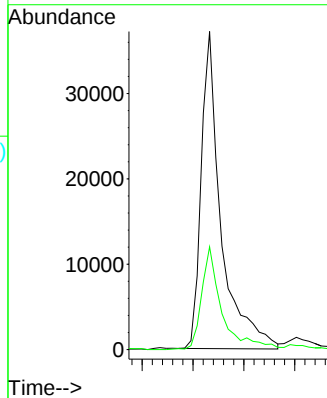
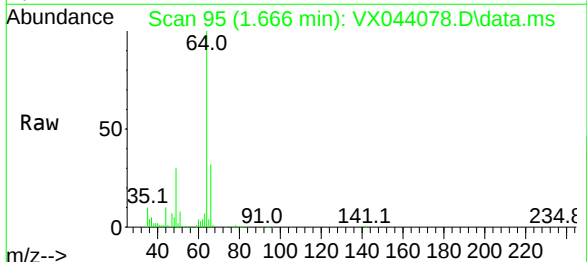
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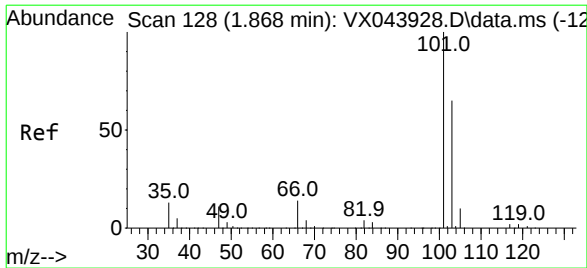
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#6
Chloroethane
Concen: 52.725 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044078.D
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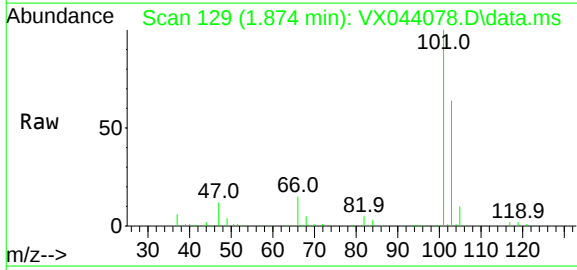
Tgt Ion: 64 Resp: 50180
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9





Trichlorofluoromethane
Concen: 46.669 ug/l
RT: 1.874 min Scan# 128
Delta R.T. 0.006 min
Lab File: VX044078.D
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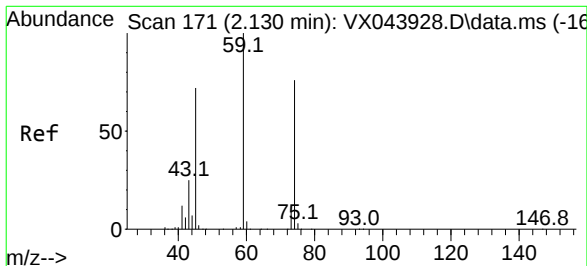
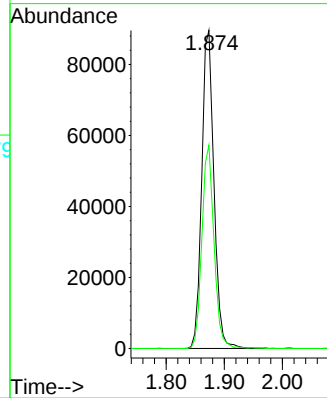
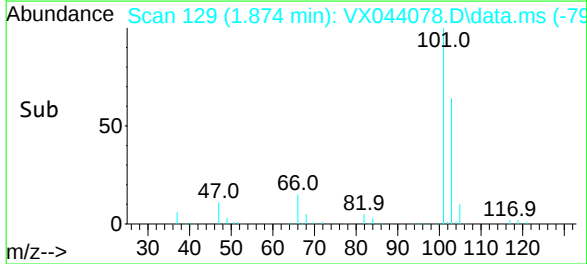
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 101 Resp: 130323
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

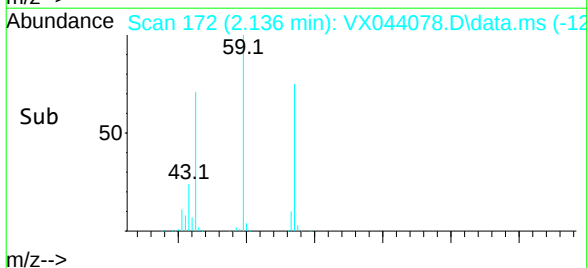
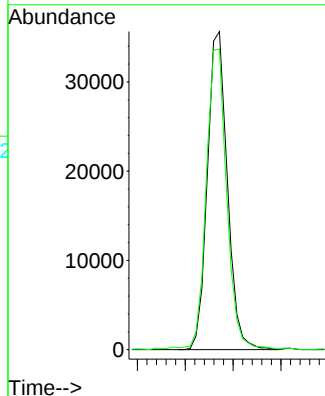
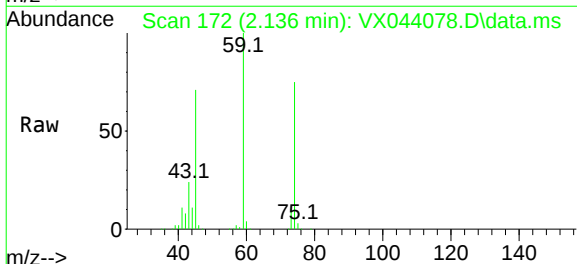
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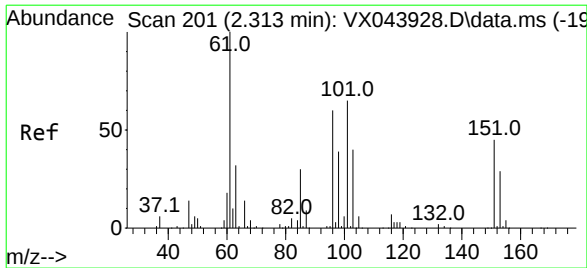
Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024



Diethyl Ether
Concen: 50.756 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 74 Resp: 51660
Ion Ratio Lower Upper
74 100
45 97.4 47.9 143.6





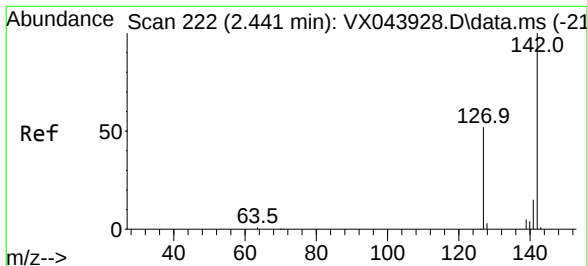
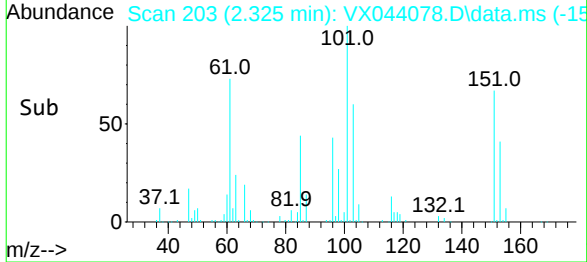
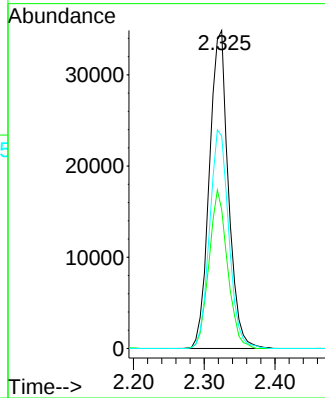
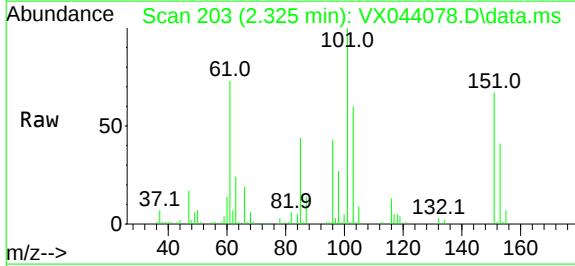
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.831 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.5	37.9	56.9
151	69.5	57.5	86.3

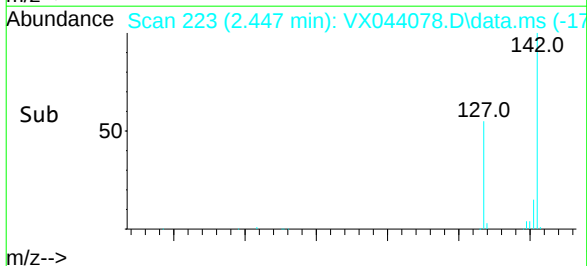
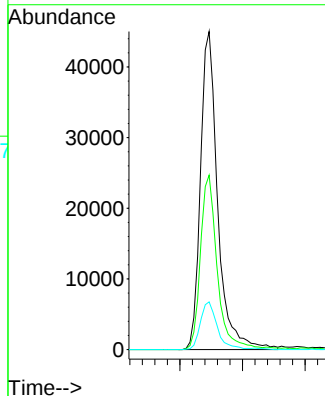
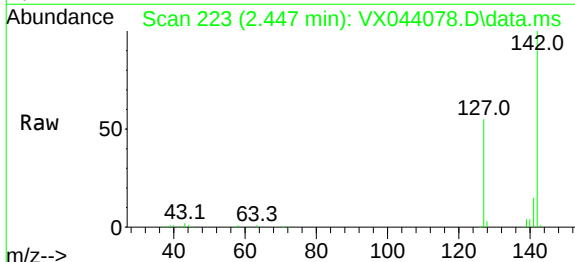
Manual Integrations
APPROVED

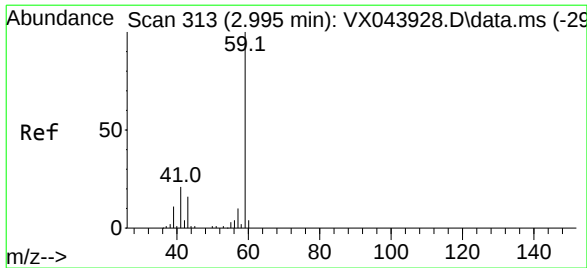
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#10
Methyl Iodide
Concen: 51.760 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion	Ratio	Lower	Upper
142	100		
127	54.0	40.7	61.1
141	14.7	12.0	18.0





#11

Tert butyl alcohol

Concen: 243.939 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 73975

Ion Ratio Lower Upper

59 100

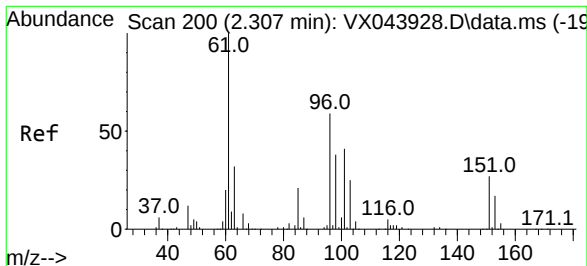
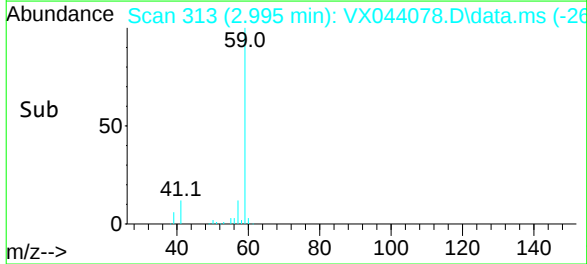
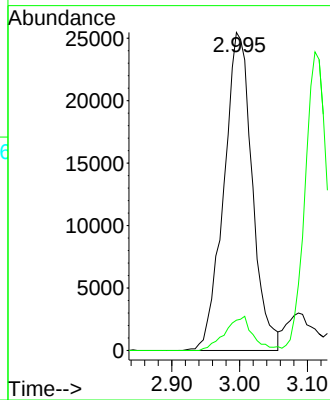
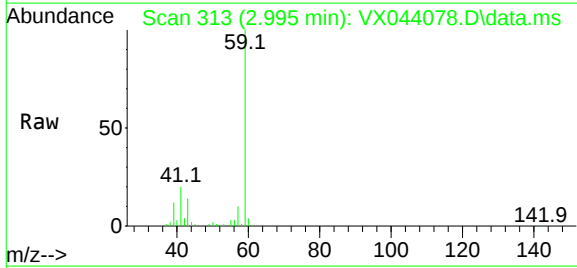
57 10.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#12

1,1-Dichloroethene

Concen: 48.671 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

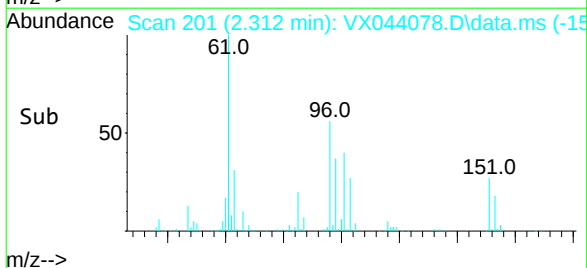
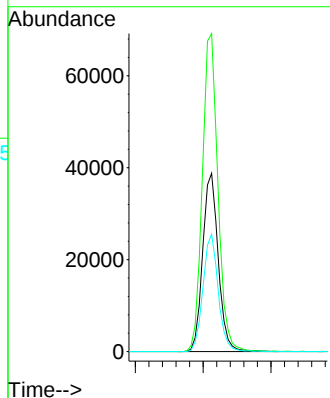
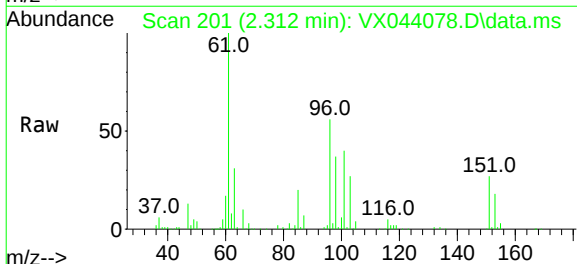
Tgt Ion: 96 Resp: 61778

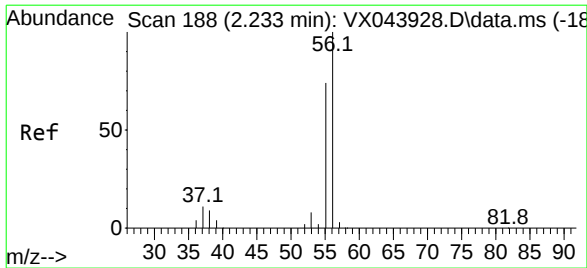
Ion Ratio Lower Upper

96 100

61 178.4 135.5 203.3

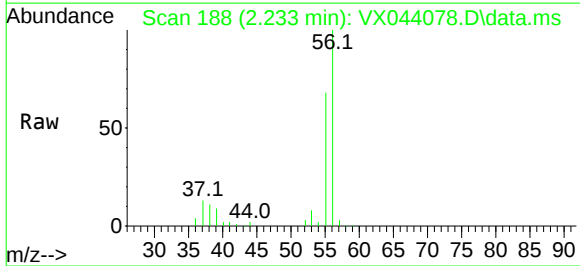
98 65.8 50.8 76.2





#13
Acrolein
Concen: 295.527 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

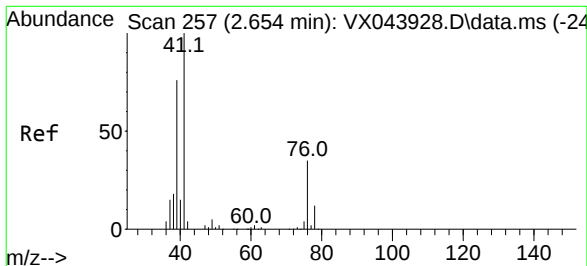
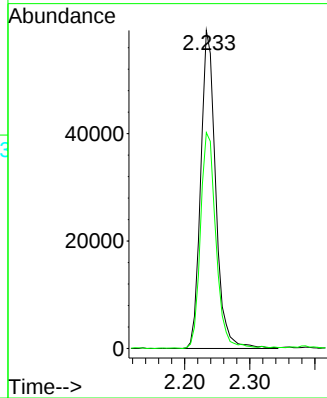
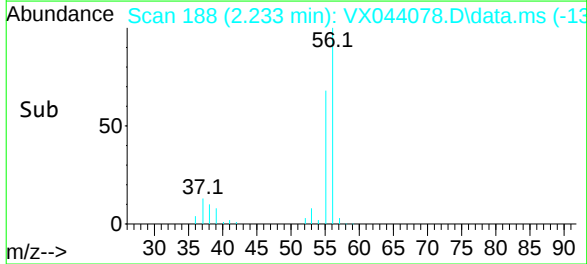
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



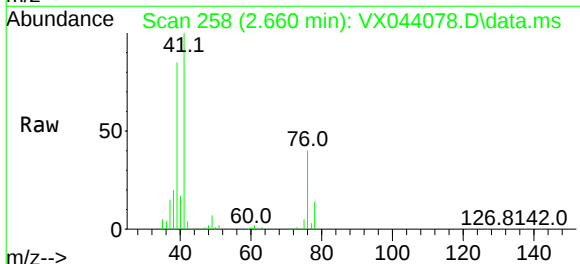
Tgt Ion: 56 Resp: 94462
Ion Ratio Lower Upper
56 100
55 70.1 58.2 87.2

Manual Integrations
APPROVED

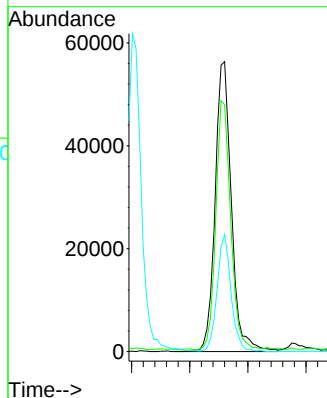
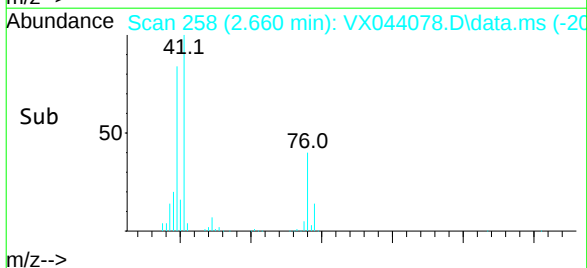
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

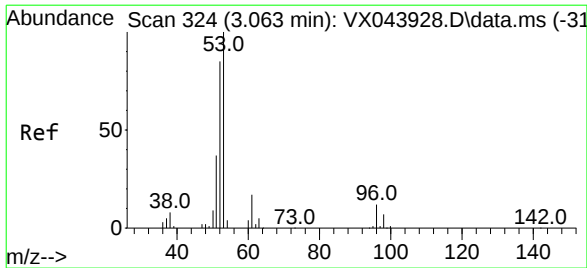


#14
Allyl chloride
Concen: 52.990 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50



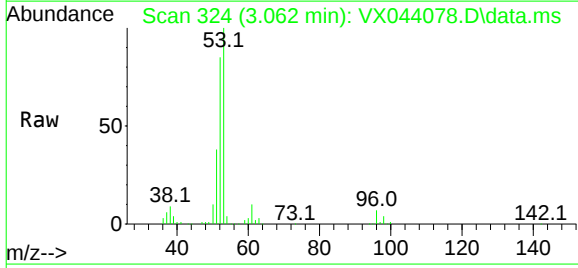
Tgt Ion: 41 Resp: 109902
Ion Ratio Lower Upper
41 100
39 78.2 59.5 89.3
76 34.6 27.4 41.2





#15
Acrylonitrile
Concen: 260.681 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

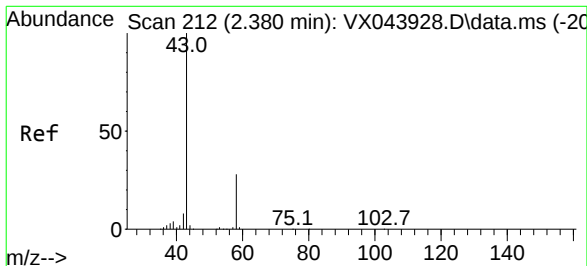
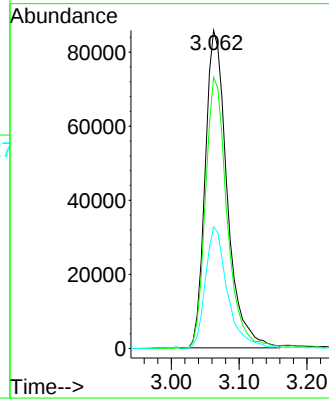
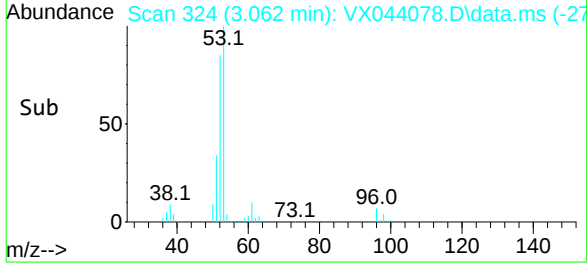
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 192644
Ion Ratio Lower Upper
53 100
52 84.7 66.5 99.7
51 38.1 30.2 45.4

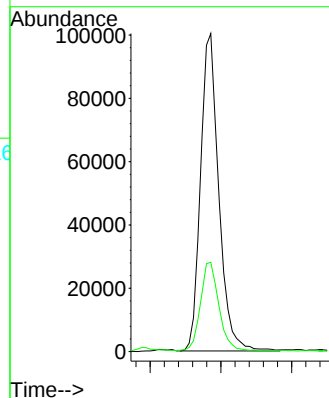
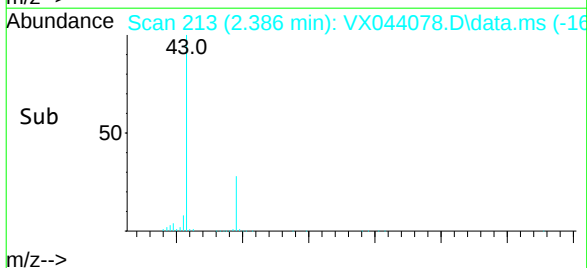
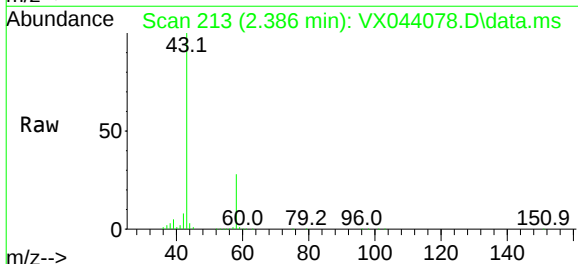
Manual Integrations
APPROVED

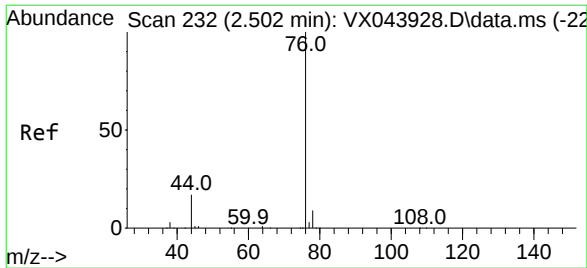
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#16
Acetone
Concen: 206.859 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 43 Resp: 179501
Ion Ratio Lower Upper
43 100
58 27.8 22.7 34.1





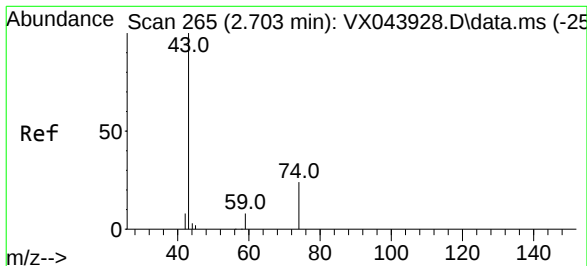
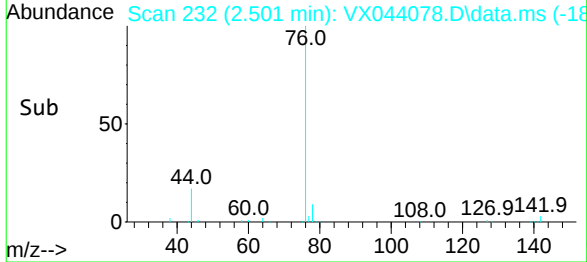
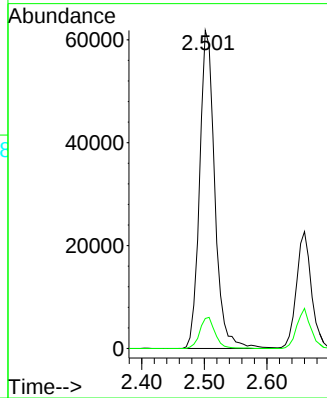
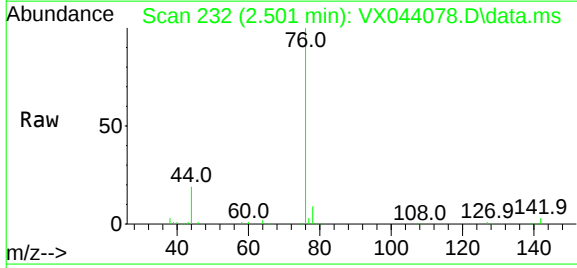
#17
Carbon Disulfide
Concen: 39.906 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 104481
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

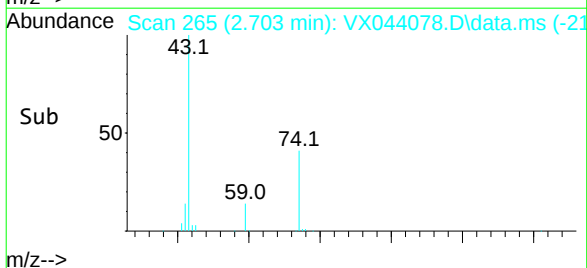
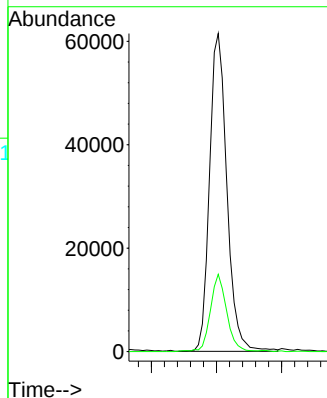
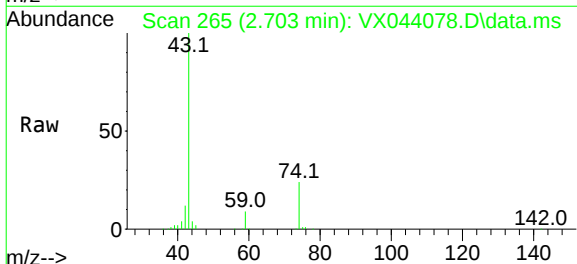
Manual Integrations
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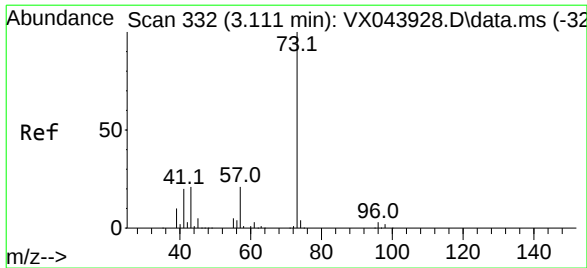
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
Methyl Acetate
Concen: 56.305 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 43 Resp: 113779
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3





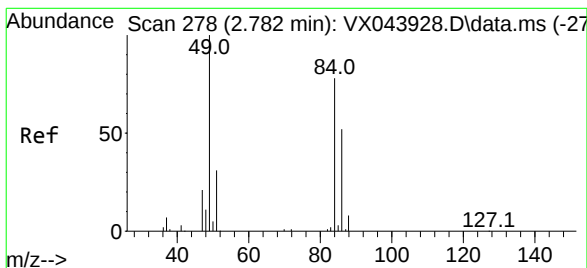
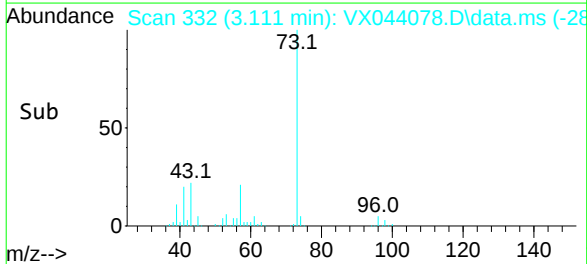
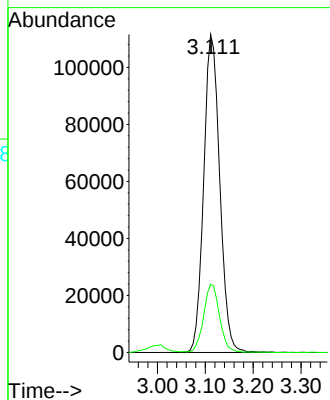
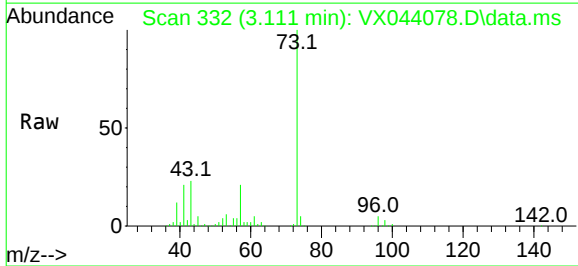
#19
Methyl tert-butyl Ether
Concen: 56.368 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 259787
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6

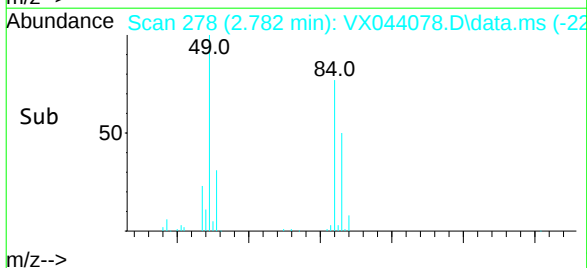
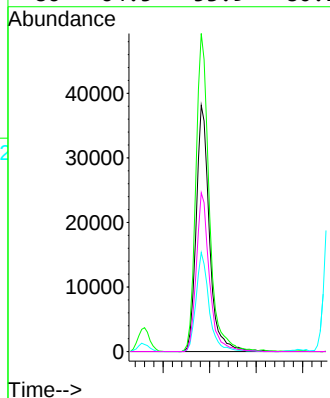
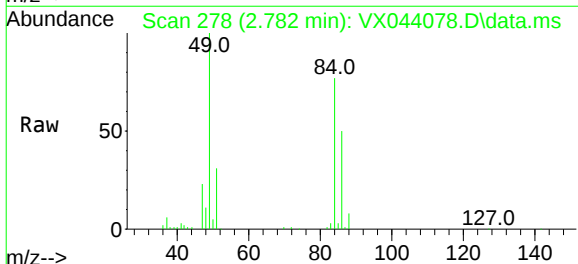
Manual Integrations
APPROVED

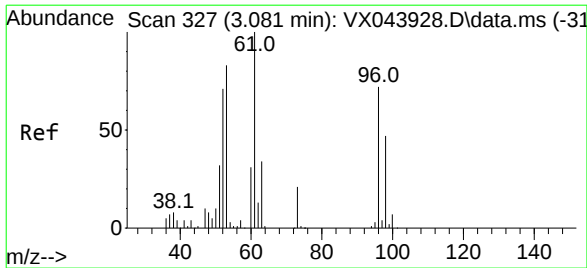
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#20
Methylene Chloride
Concen: 51.131 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

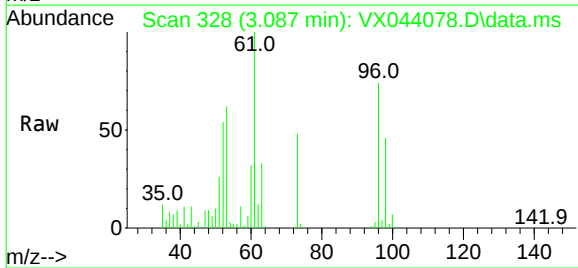
Tgt Ion: 84 Resp: 75294
Ion Ratio Lower Upper
84 100
49 129.2 102.7 154.1
51 40.2 31.7 47.5
86 64.5 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 50.302 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

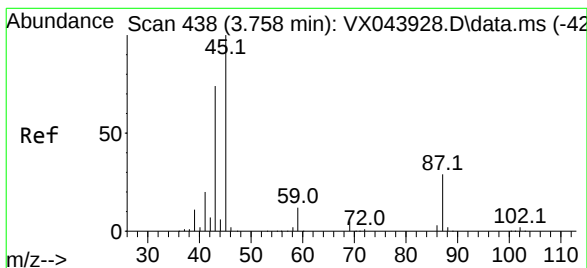
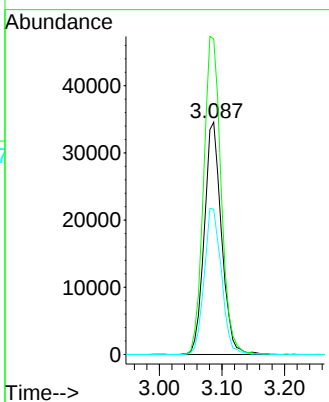
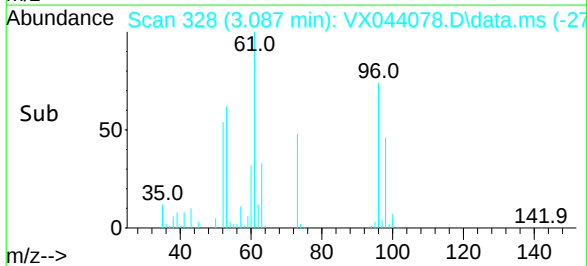
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



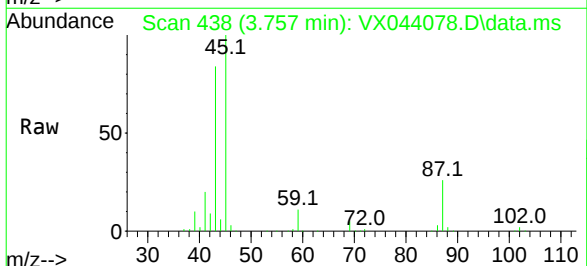
Tgt Ion: 96 Resp: 65919
Ion Ratio Lower Upper
96 100
61 135.8 111.8 167.6
98 62.5 52.7 79.1

Manual Integrations
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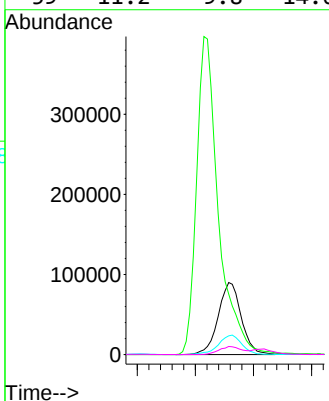
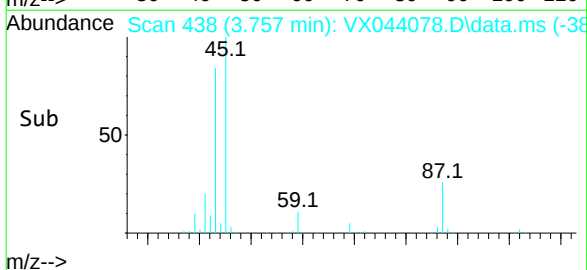
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

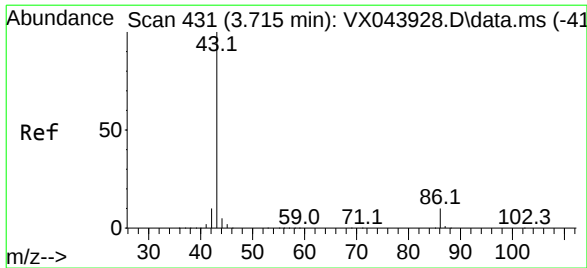


#22
Diisopropyl ether
Concen: 55.874 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50



Tgt Ion: 45 Resp: 247794
Ion Ratio Lower Upper
45 100
43 83.9 59.6 89.4
87 26.0 22.9 34.3
59 11.2 9.8 14.6





#23

Vinyl Acetate

Concen: 274.408 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1041038

Ion Ratio Lower Upper

43 100

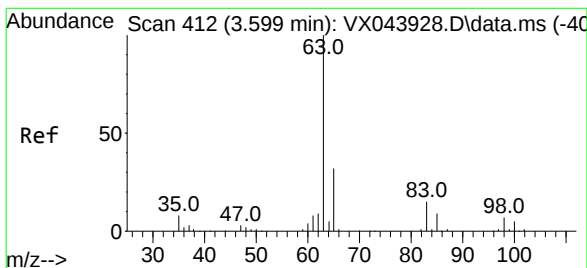
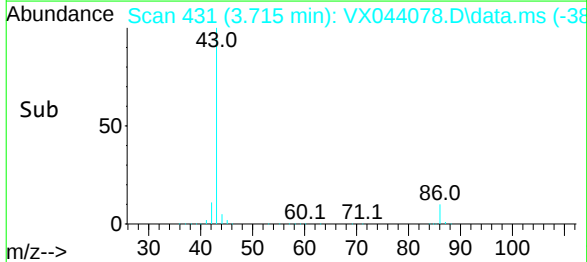
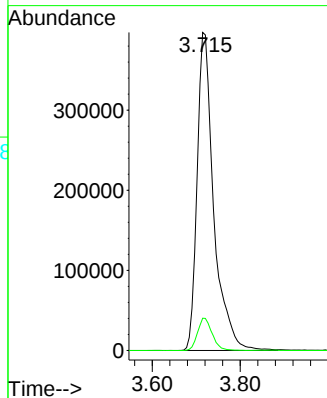
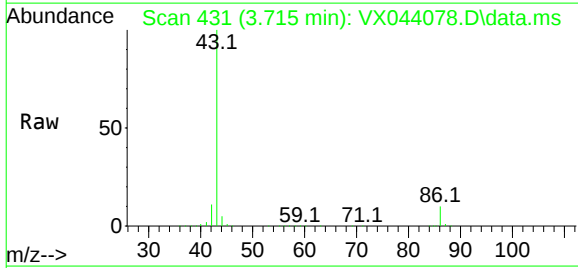
86 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#24

1,1-Dichloroethane

Concen: 53.980 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

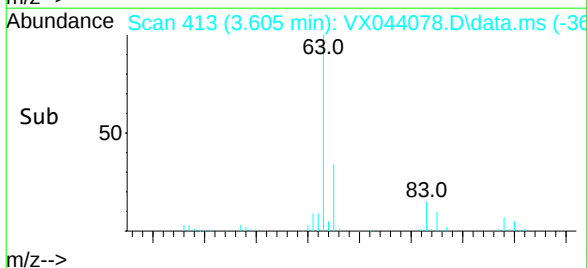
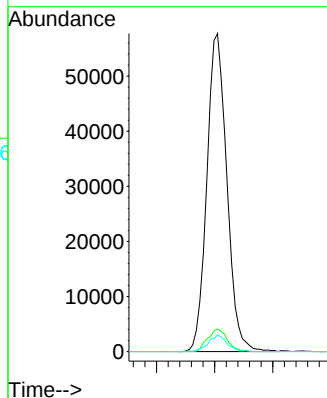
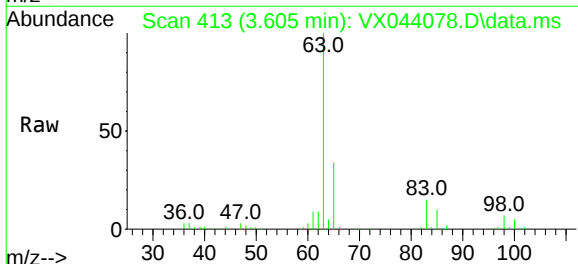
Tgt Ion: 63 Resp: 138104

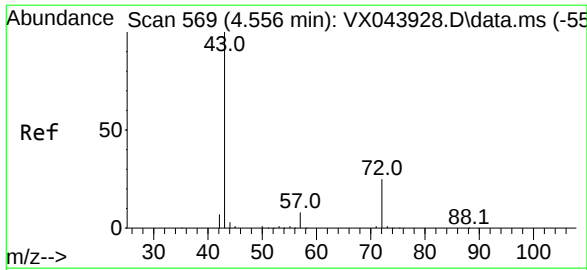
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 249.926 ug/l

RT: 4.562 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 279833

Ion Ratio Lower Upper

43 100

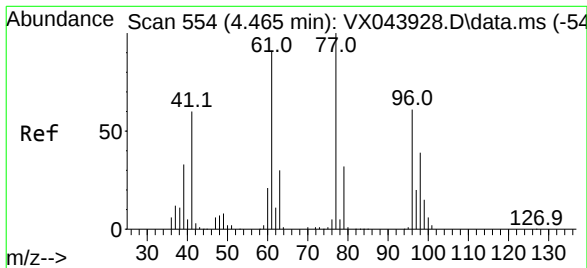
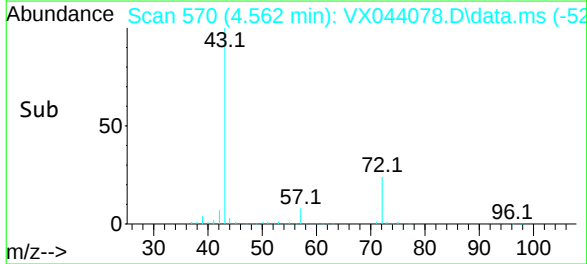
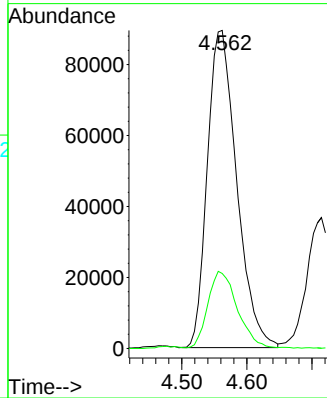
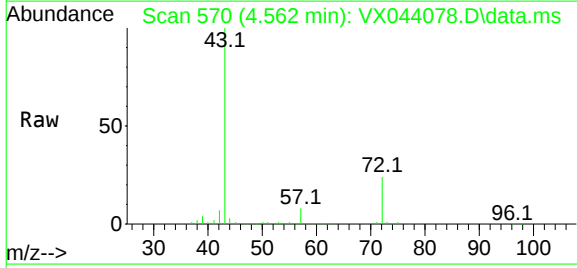
72 23.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#26

2,2-Dichloropropane

Concen: 51.571 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX044078.D

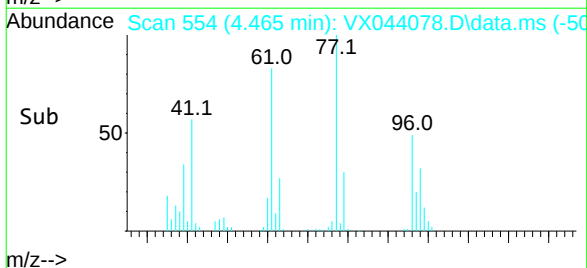
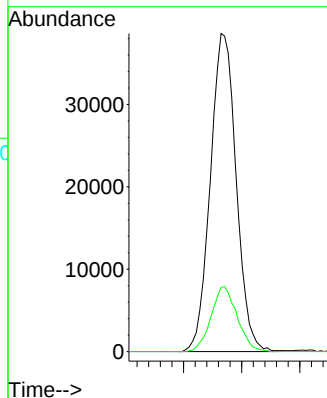
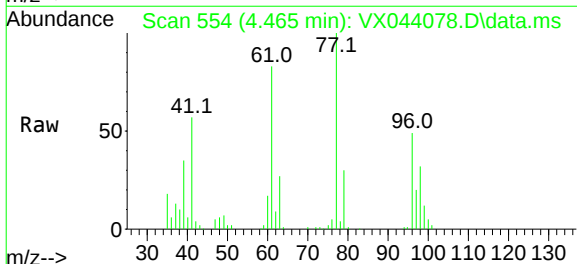
Acq: 02 Dec 2024 19:50

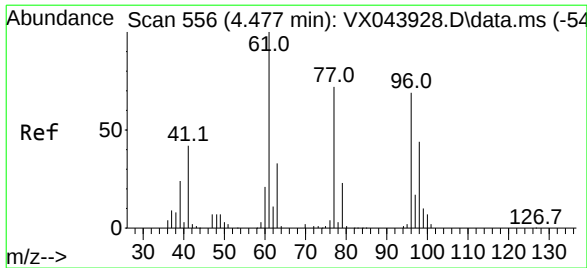
Tgt Ion: 77 Resp: 119157

Ion Ratio Lower Upper

77 100

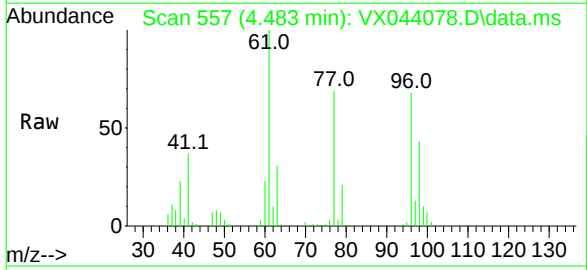
97 20.6 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 52.505 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

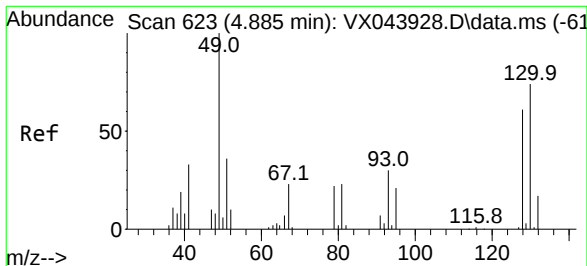
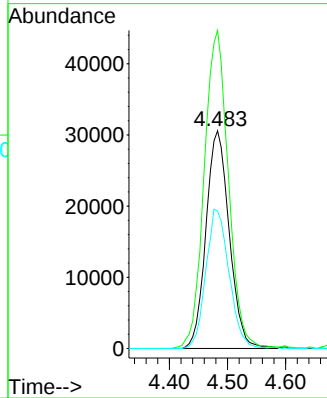
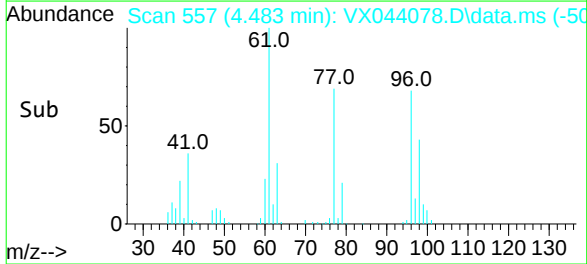
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 85050
Ion Ratio Lower Upper
96 100
61 151.7 0.0 297.4
98 63.8 0.0 127.8

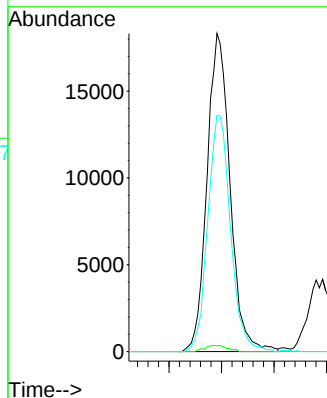
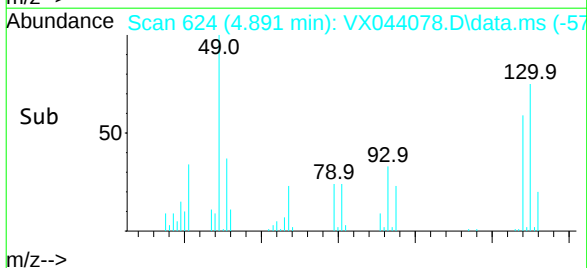
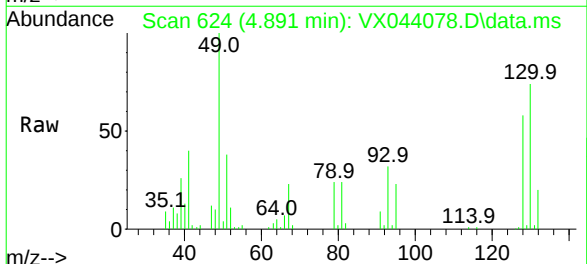
Manual Integrations
APPROVED

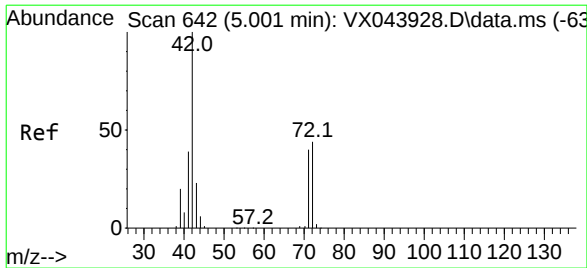
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#28
Bromochloromethane
Concen: 49.503 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 49 Resp: 55748
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 73.4 59.0 88.6





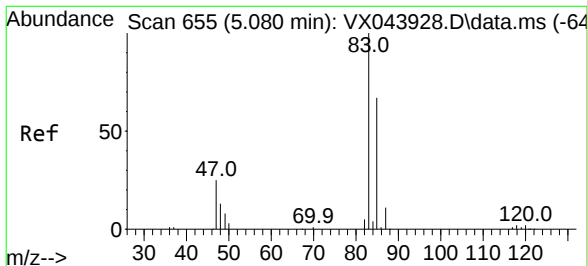
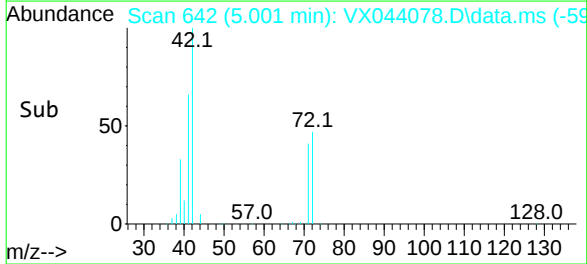
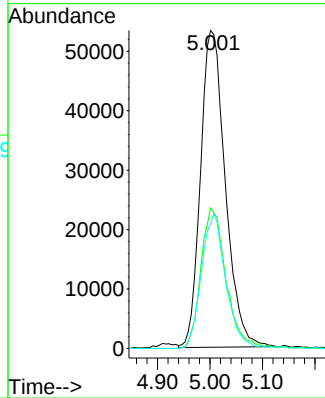
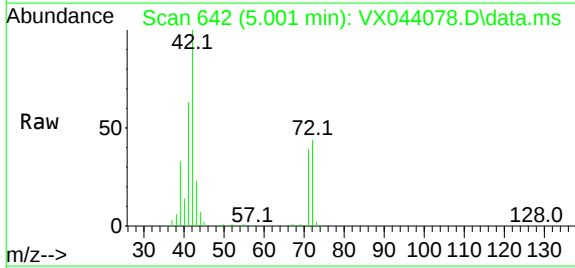
#29
Tetrahydrofuran
Concen: 254.332 ug/l
RT: 5.001 min Scan# 641
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 174580
Ion Ratio Lower Upper
42 100
72 45.1 36.4 54.6
71 41.8 33.4 50.0

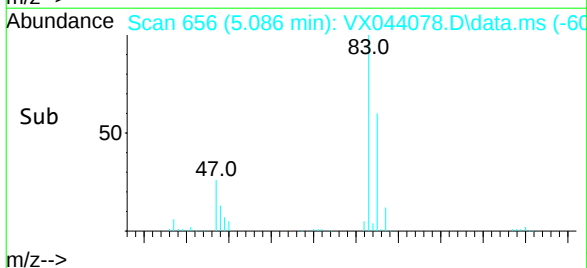
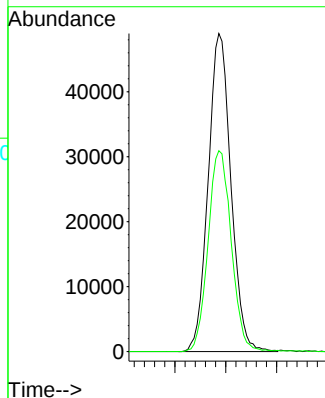
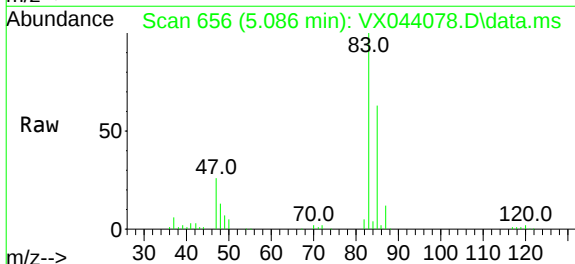
Manual Integrations
APPROVED

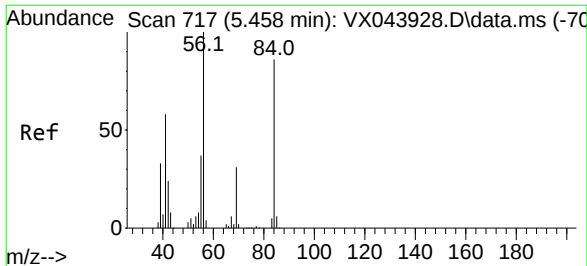
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#30
Chloroform
Concen: 55.266 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 83 Resp: 152075
Ion Ratio Lower Upper
83 100
85 63.2 53.5 80.3





#31

Cyclohexane

Concen: 48.561 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

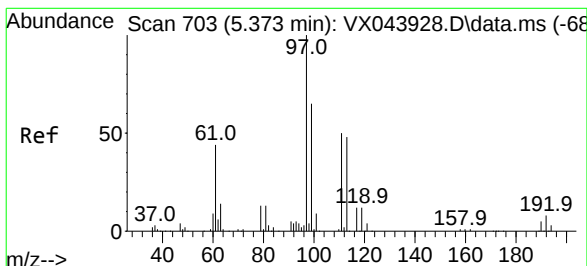
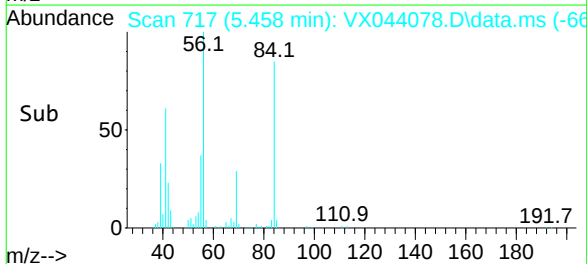
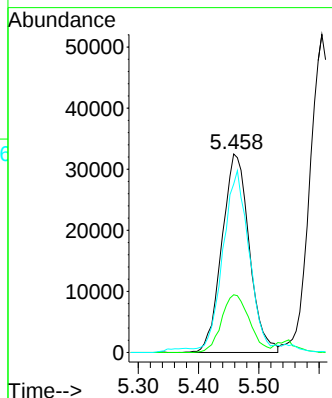
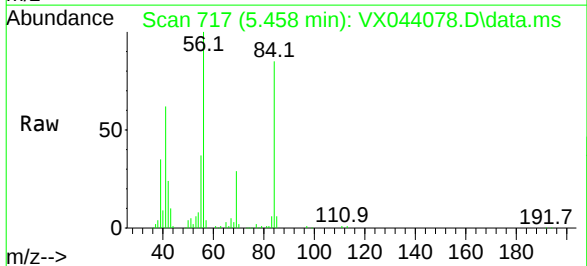
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	102255
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.7	37.1
84	83.0	68.7	103.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#32

1,1,1-Trichloroethane

Concen: 54.782 ug/l

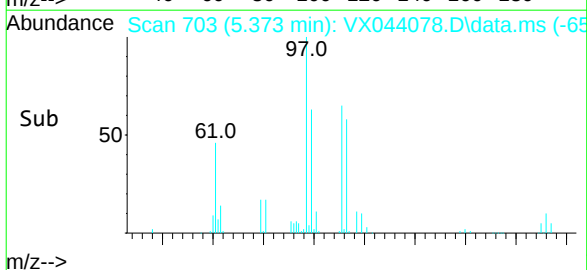
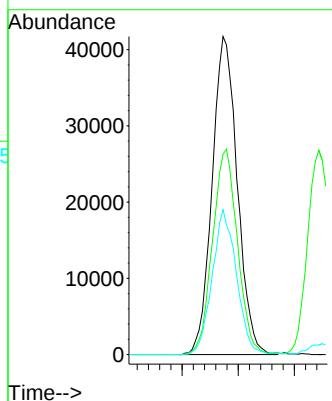
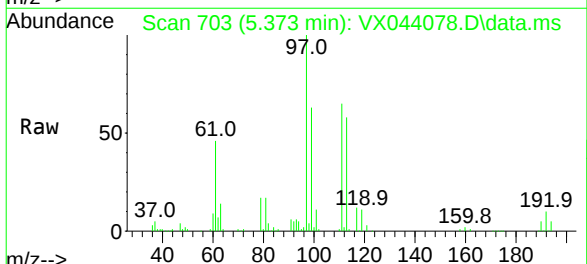
RT: 5.373 min Scan# 703

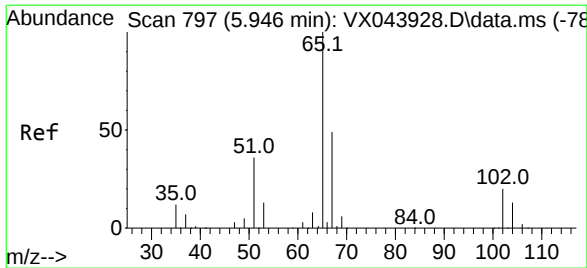
Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	97	Resp:	129996
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.8	76.2
61	44.0	35.4	53.2





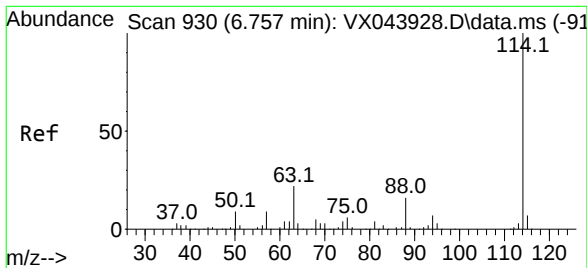
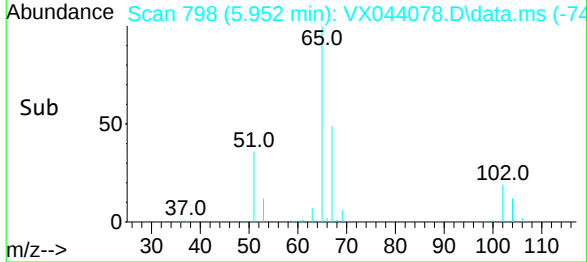
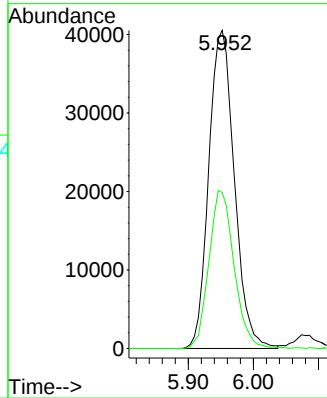
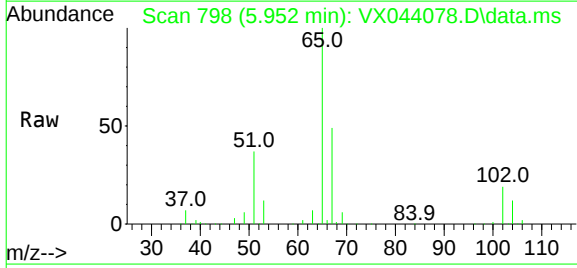
#33
1,2-Dichloroethane-d4
Concen: 58.553 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 110624
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8

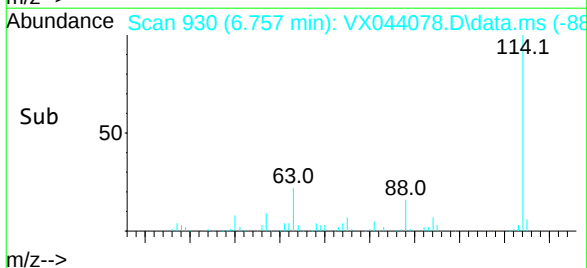
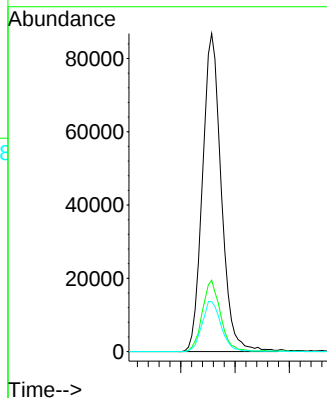
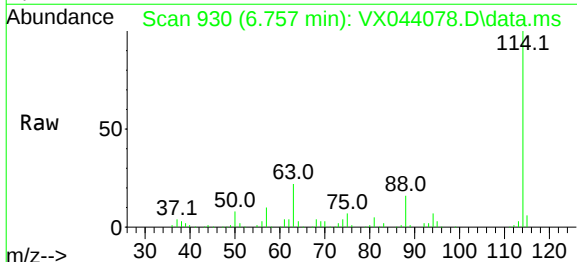
Manual Integrations
APPROVED

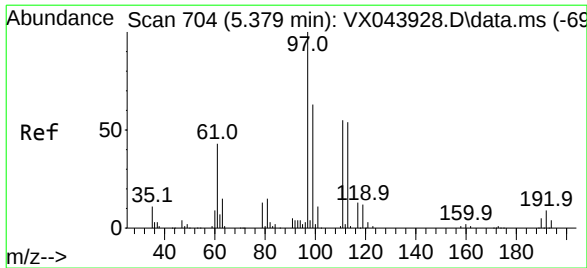
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion:114 Resp: 209009
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.871 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

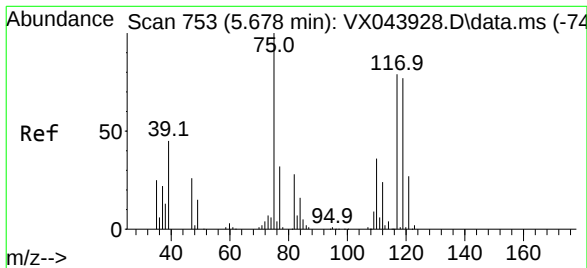
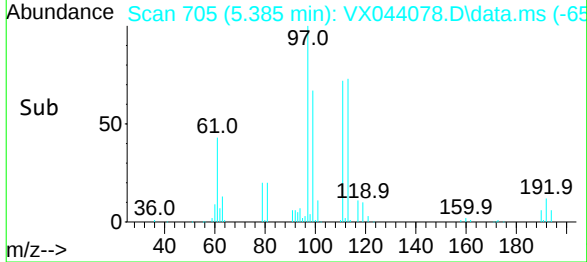
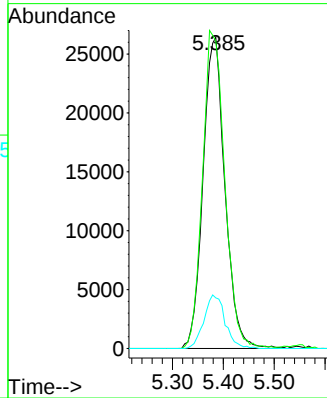
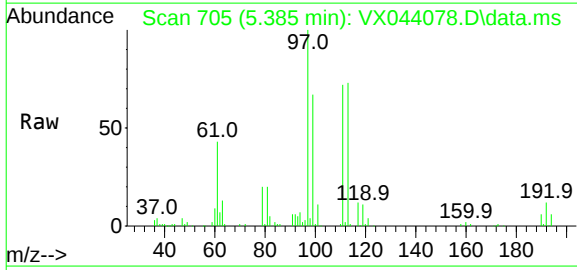
Tgt Ion:	113	Resp:	78962
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.4
192	16.6	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#36

1,1-Dichloropropene

Concen: 49.026 ug/l

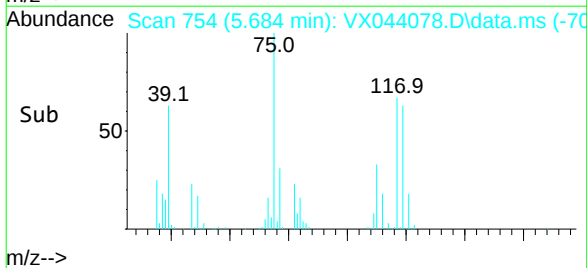
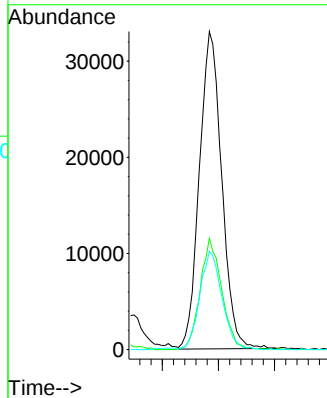
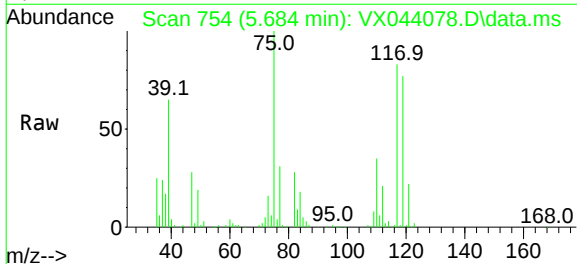
RT: 5.684 min Scan# 754

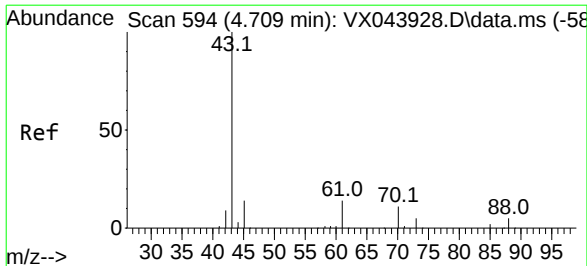
Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	75	Resp:	91240
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.4	52.2
77	30.9	25.8	38.8





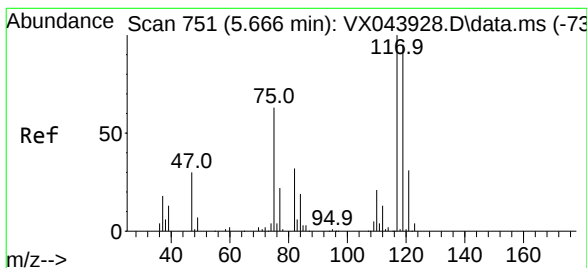
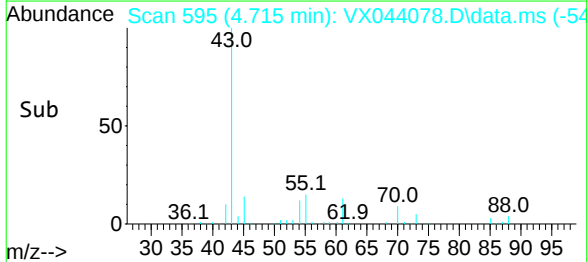
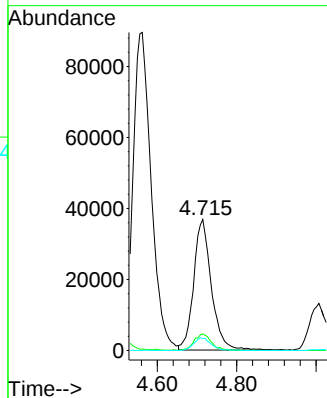
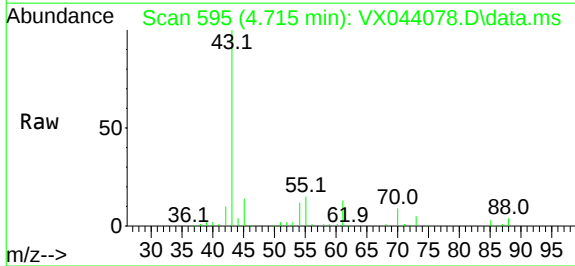
#37
Ethyl Acetate
Concen: 49.132 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 113503
Ion Ratio Lower Upper
43 100
61 12.6 10.7 16.1
70 9.5 8.0 12.0

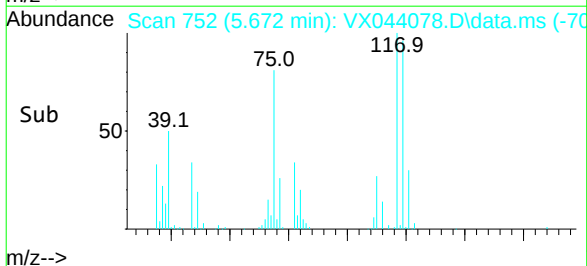
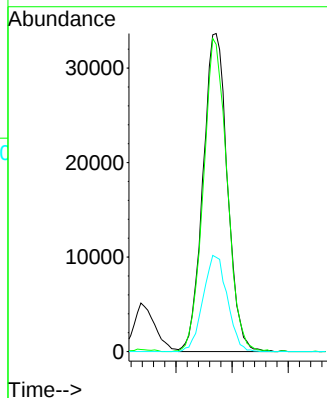
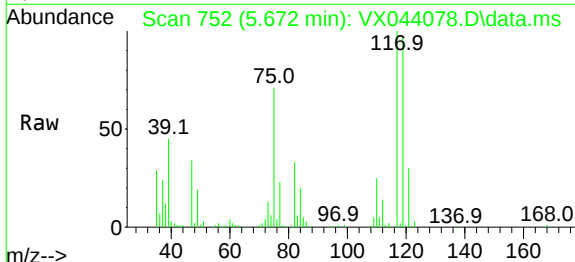
Manual Integrations
APPROVED

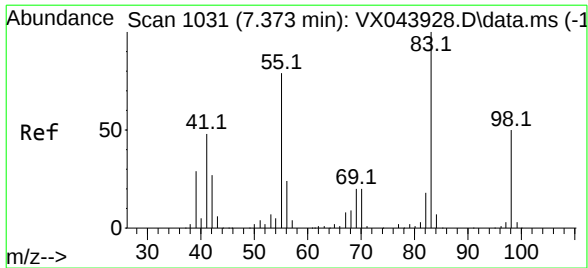
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#38
Carbon Tetrachloride
Concen: 48.619 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion:117 Resp: 101670
Ion Ratio Lower Upper
117 100
119 96.6 75.2 112.8
121 29.6 24.5 36.7





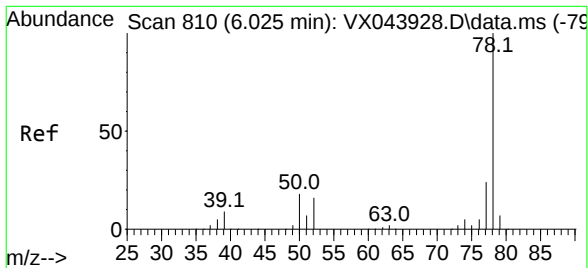
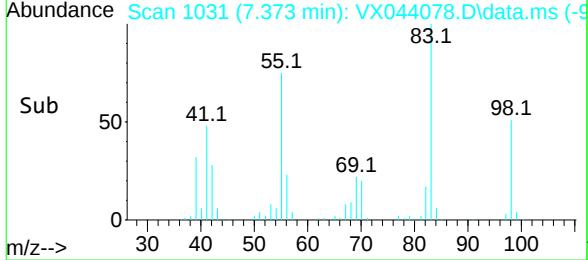
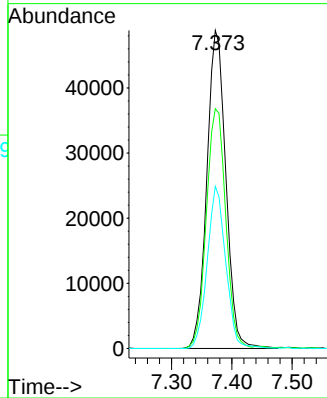
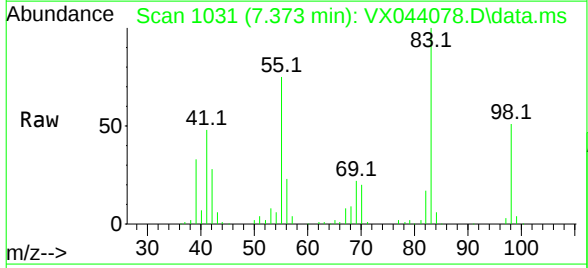
#39
Methylcyclohexane
Concen: 44.346 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 107218
Ion Ratio Lower Upper
83 100
55 75.4 63.1 94.7
98 51.0 40.0 60.0

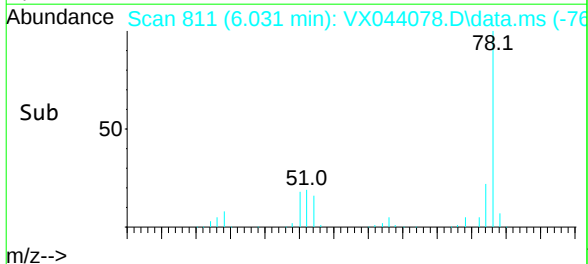
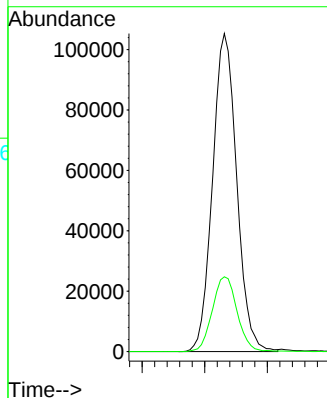
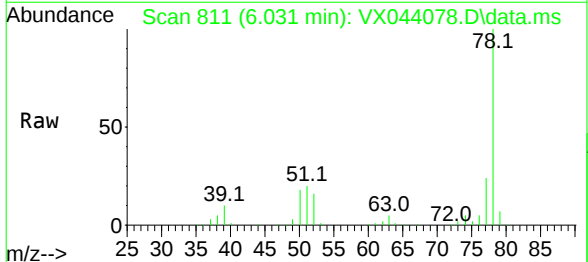
Manual Integrations
APPROVED

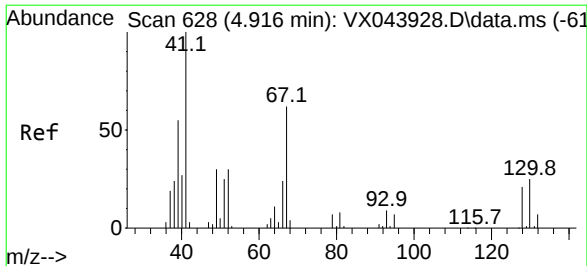
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#40
Benzene
Concen: 48.628 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 78 Resp: 281897
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





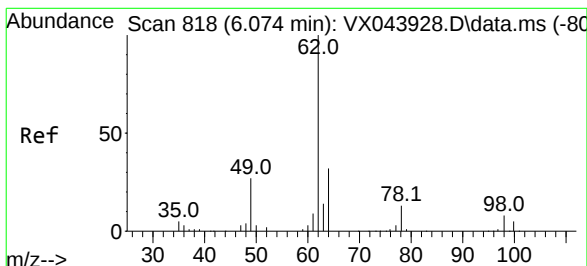
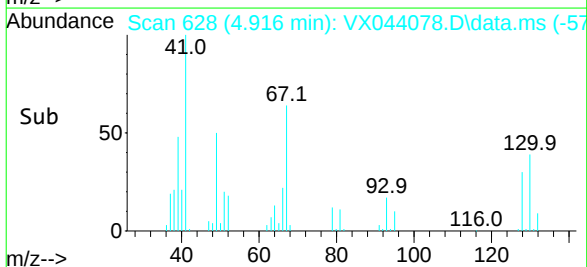
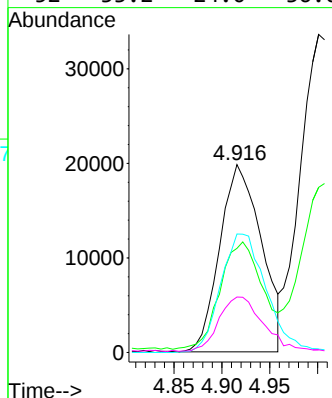
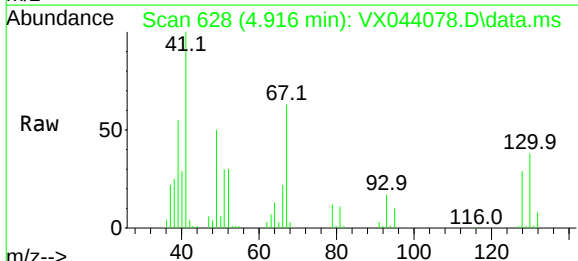
#41
Methacrylonitrile
Concen: 50.686 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	59930
Ion	Ratio	Lower	Upper
41	100		
39	58.4	41.7	62.5
67	69.7	55.8	83.8
52	33.2	24.0	36.0

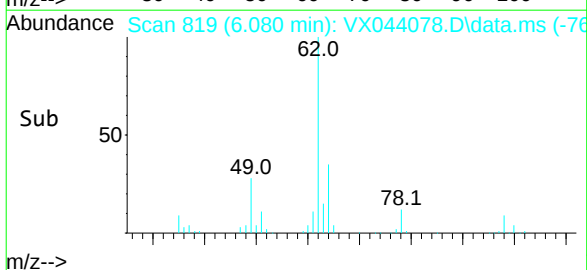
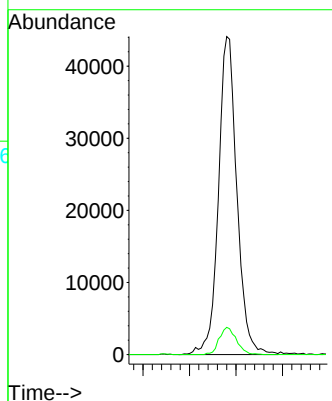
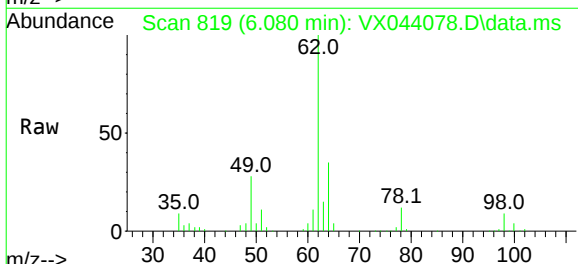
Manual Integrations
APPROVED

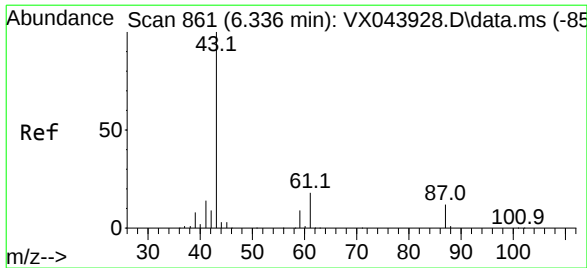
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#42
1,2-Dichloroethane
Concen: 52.098 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion:	62	Resp:	121296
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





#43

Isopropyl Acetate

Concen: 51.897 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

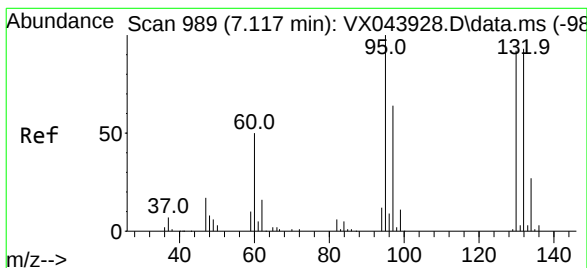
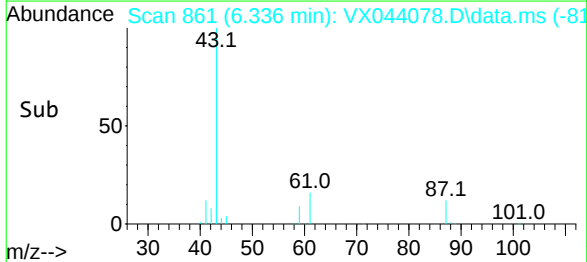
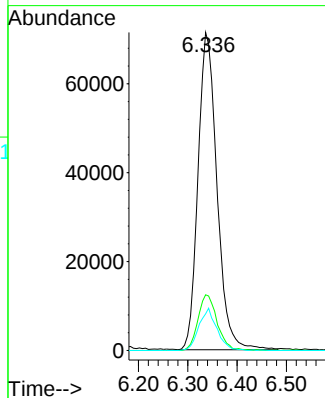
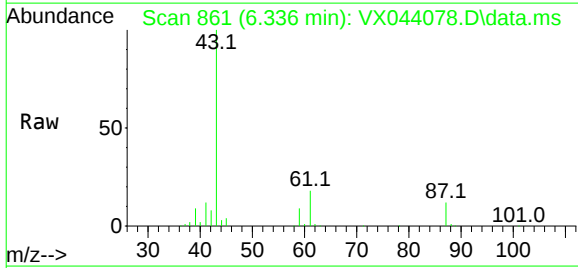
Tgt Ion:	43	Resp:	190798
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	12.6	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#44

Trichloroethene

Concen: 42.112 ug/l

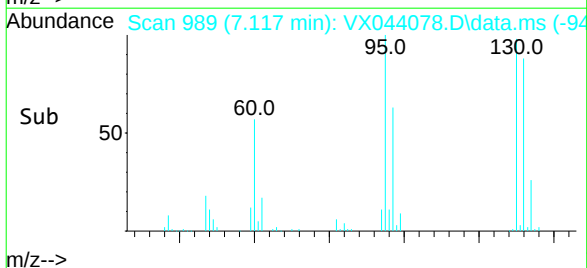
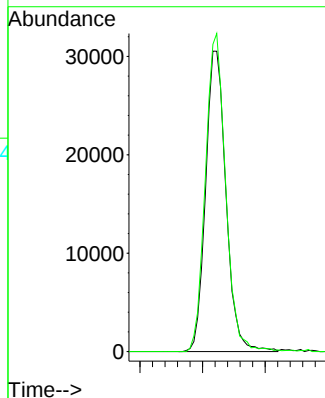
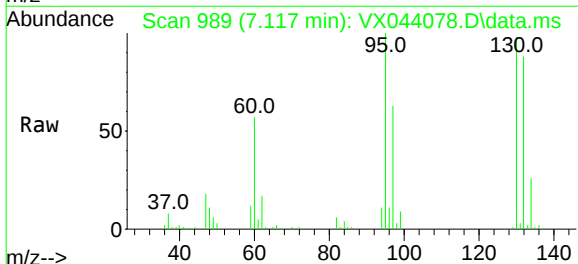
RT: 7.117 min Scan# 989

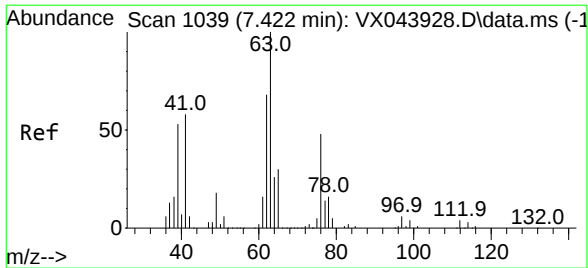
Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

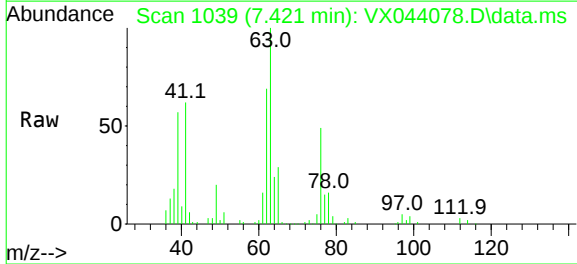
Tgt Ion:	130	Resp:	69109
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	217.8





#45
1,2-Dichloropropane
Concen: 51.379 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

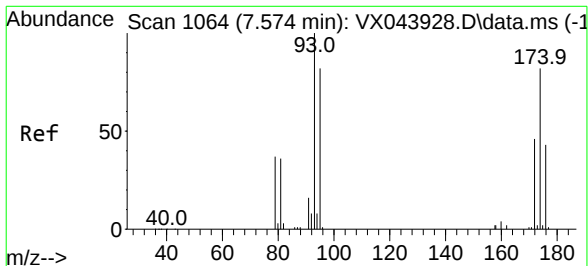
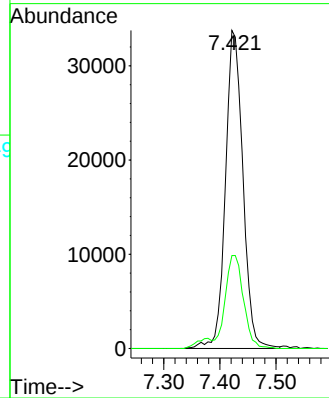
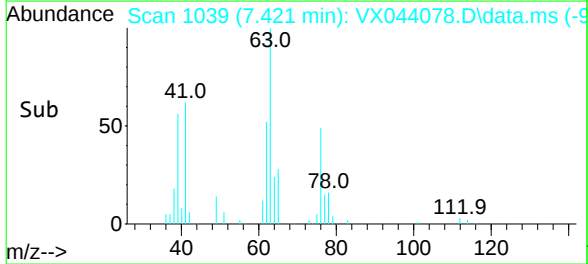
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 72949
Ion Ratio Lower Upper
63 100
65 29.2 23.8 35.6

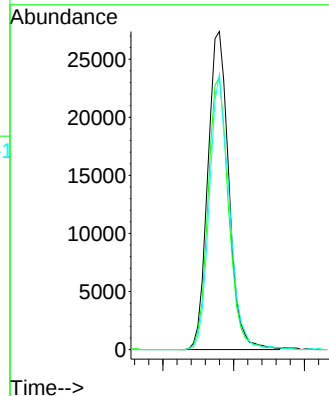
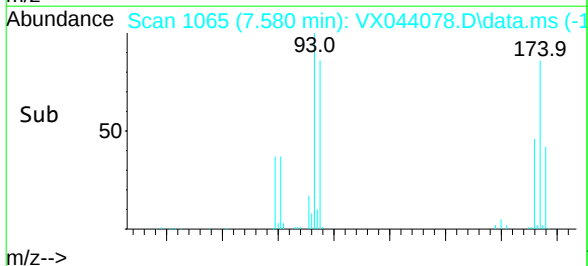
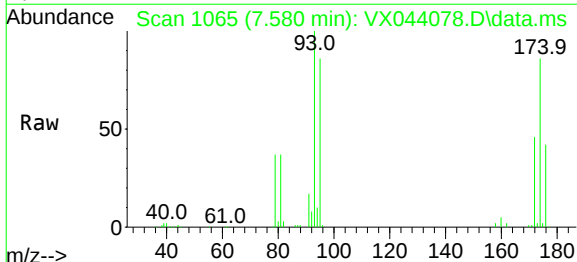
Manual Integrations
APPROVED

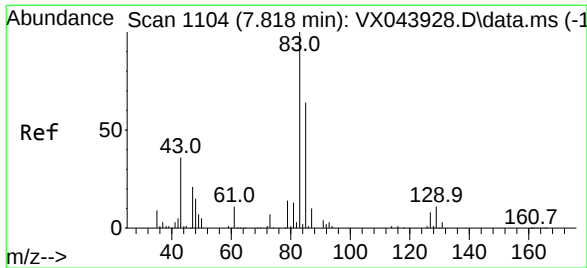
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#46
Dibromomethane
Concen: 50.379 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 93 Resp: 56583
Ion Ratio Lower Upper
93 100
95 83.3 66.2 99.4
174 82.5 69.6 104.4





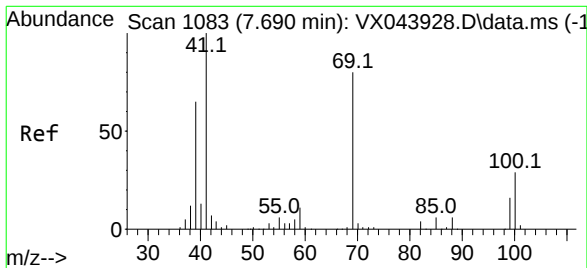
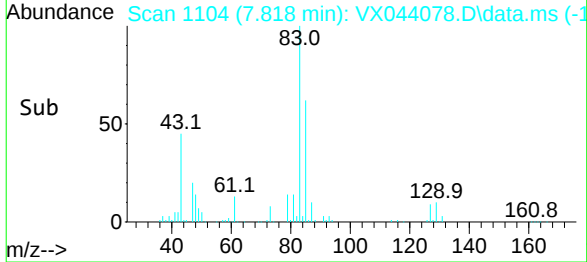
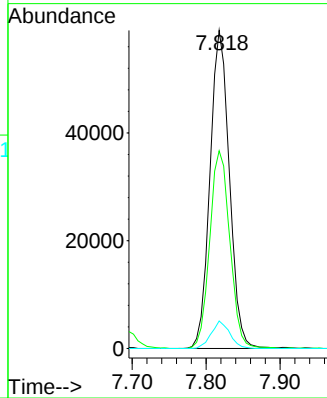
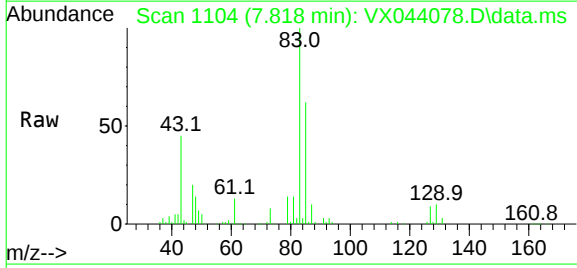
#47
Bromodichloromethane
Concen: 53.374 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 107514
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 8.6 6.6 10.0

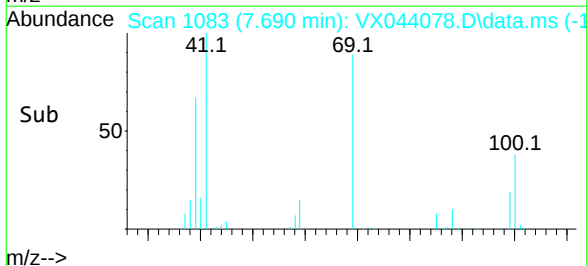
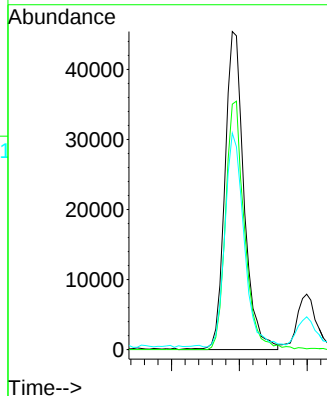
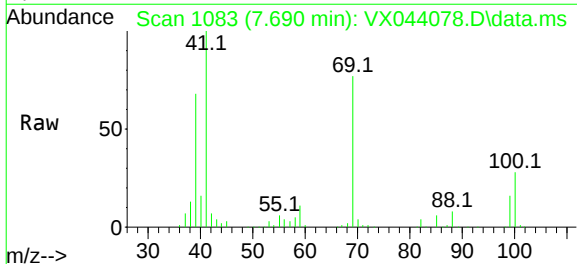
Manual Integrations
APPROVED

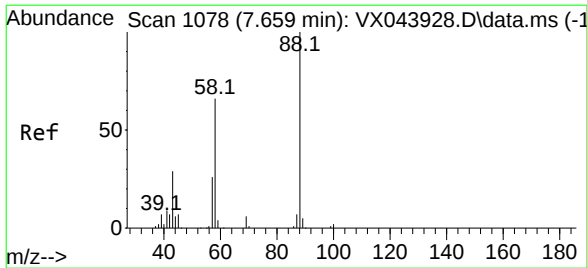
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#48
Methyl methacrylate
Concen: 50.271 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 41 Resp: 88685
Ion Ratio Lower Upper
41 100
69 77.1 64.6 97.0
39 67.1 53.3 79.9





#49

1,4-Dioxane

Concen: 866.424 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 27227

Ion Ratio Lower Upper

88 100

43 40.0 26.8 40.2

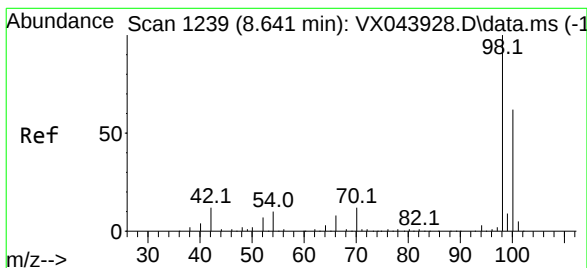
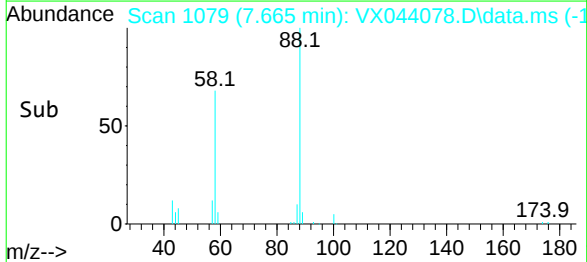
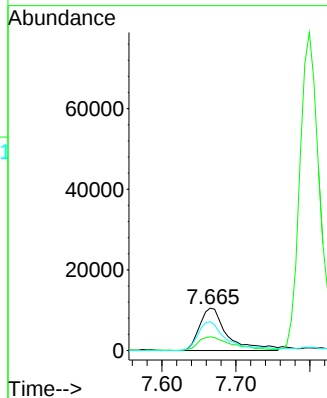
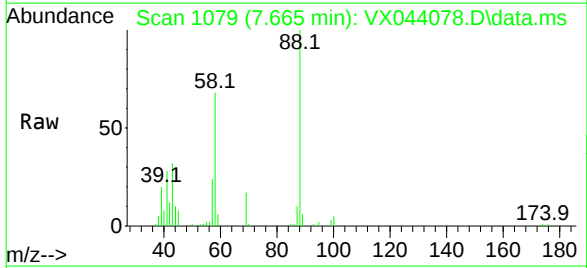
58 70.3 45.4 68.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#50

Toluene-d8

Concen: 51.517 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044078.D

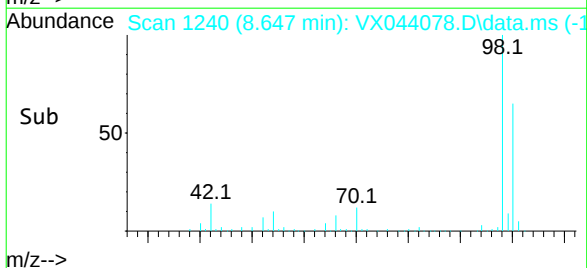
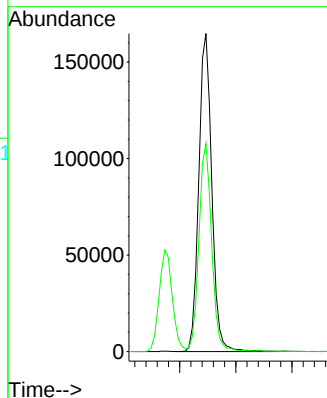
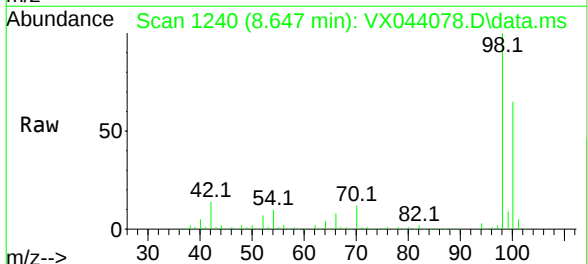
Acq: 02 Dec 2024 19:50

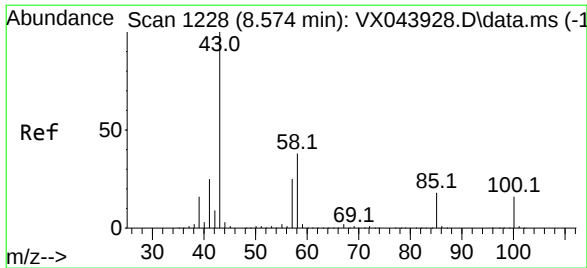
Tgt Ion: 98 Resp: 265218

Ion Ratio Lower Upper

98 100

100 64.0 52.6 79.0





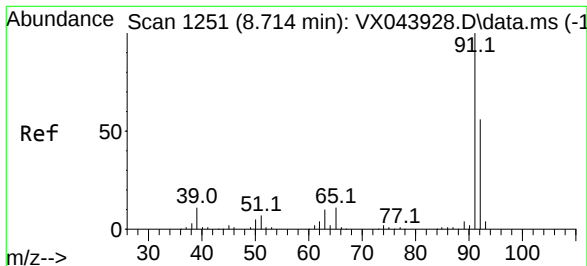
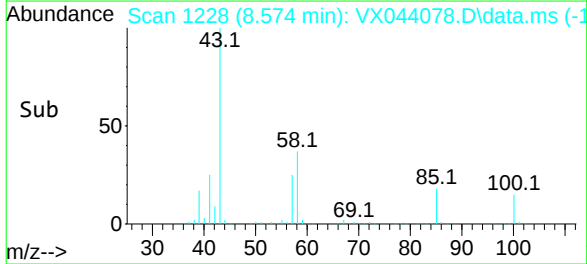
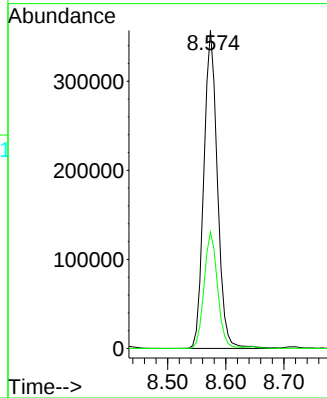
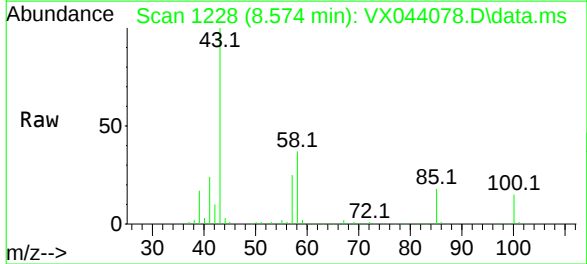
#51
4-Methyl-2-Pentanone
Concen: 258.427 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 579803
Ion Ratio Lower Upper
43 100
58 36.2 30.0 45.0

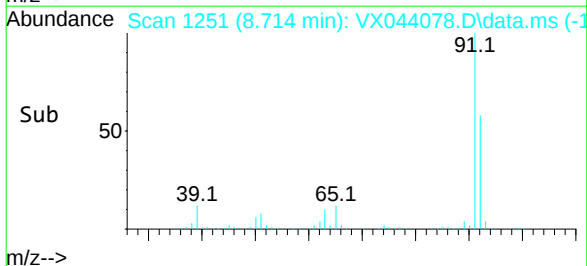
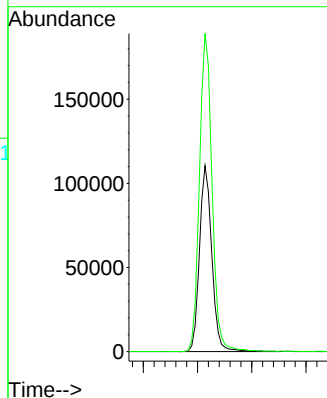
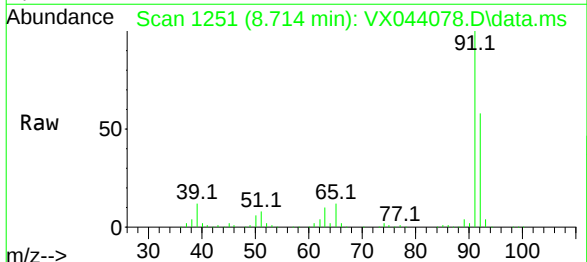
Manual Integrations
APPROVED

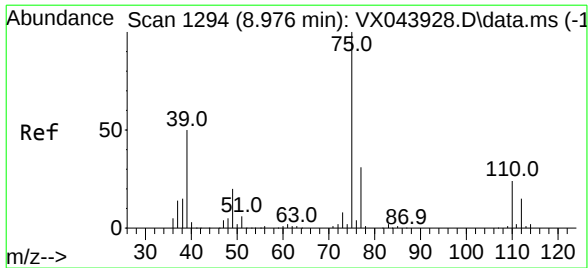
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#52
Toluene
Concen: 50.172 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

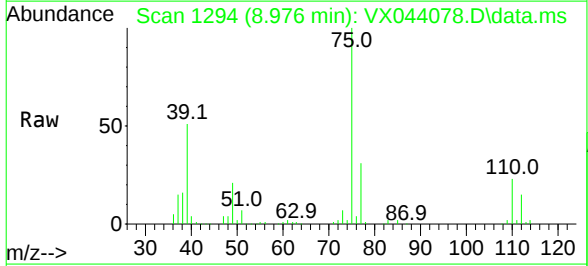
Tgt Ion: 92 Resp: 174082
Ion Ratio Lower Upper
92 100
91 175.3 139.7 209.5





#53
 t-1,3-Dichloropropene
 Concen: 52.699 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044078.D
 Acq: 02 Dec 2024 19:50

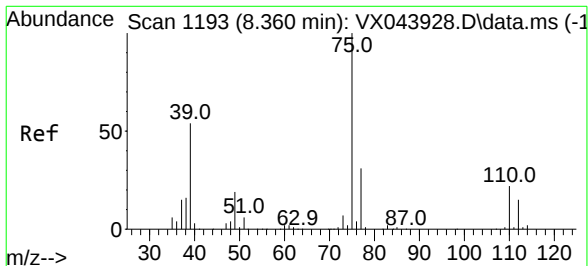
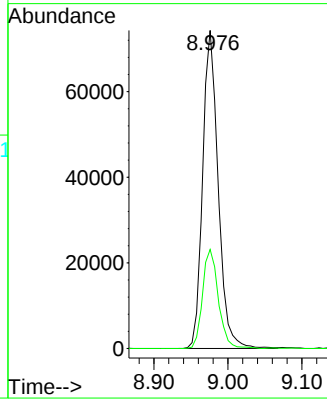
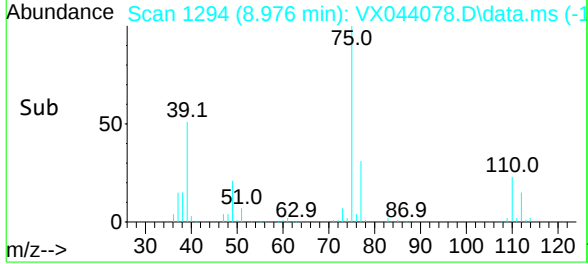
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 108256
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7

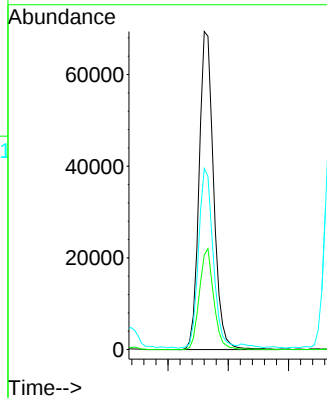
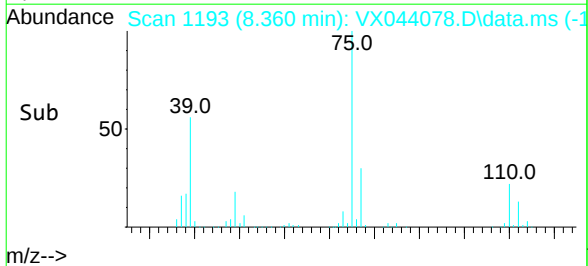
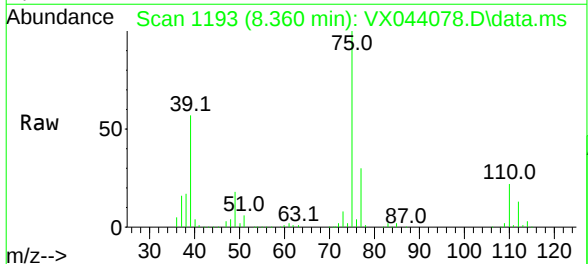
Manual Integrations
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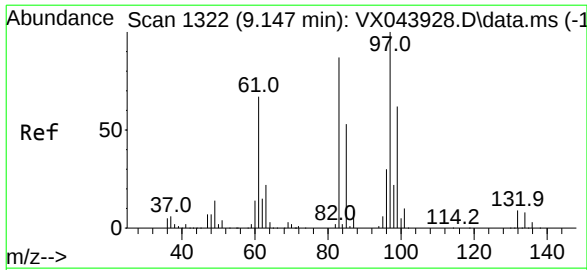
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.611 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX044078.D
 Acq: 02 Dec 2024 19:50

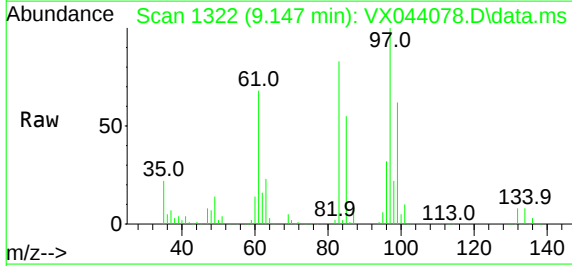
Tgt Ion: 75 Resp: 116220
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.2 37.8
 39 56.5 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 50.270 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

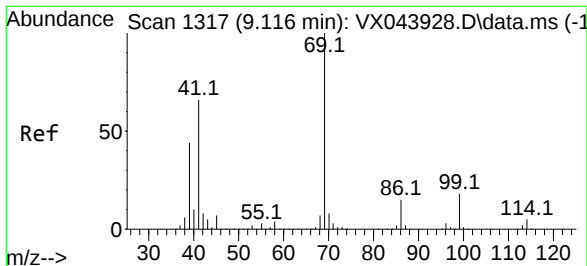
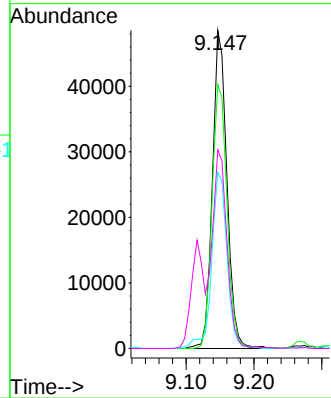
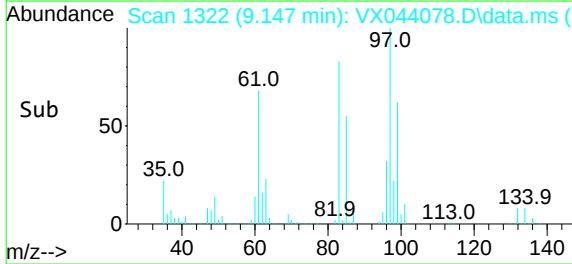
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 72001
Ion Ratio Lower Upper
97 100
83 83.0 69.4 104.0
85 55.4 42.3 63.5
99 62.4 49.6 74.4

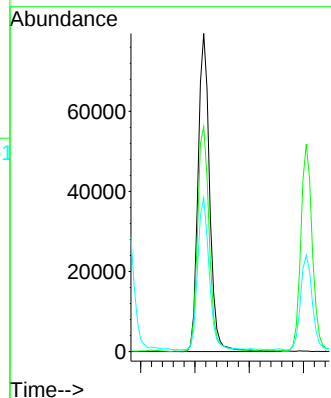
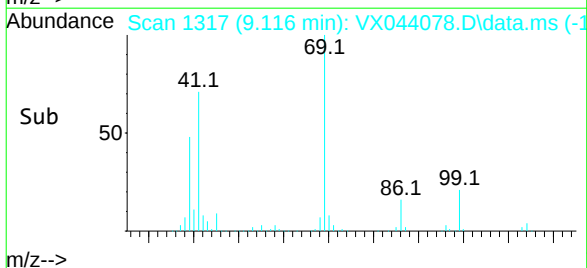
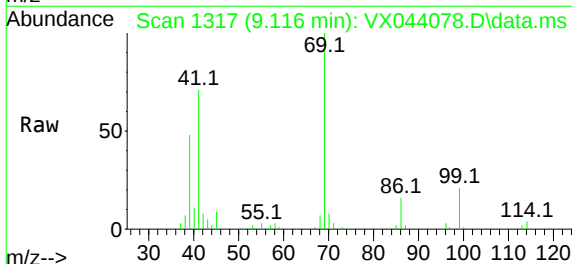
Manual Integrations
APPROVED

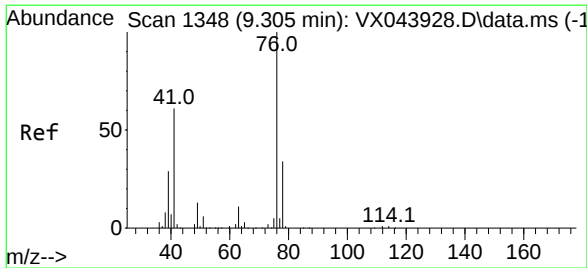
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#56
Ethyl methacrylate
Concen: 52.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

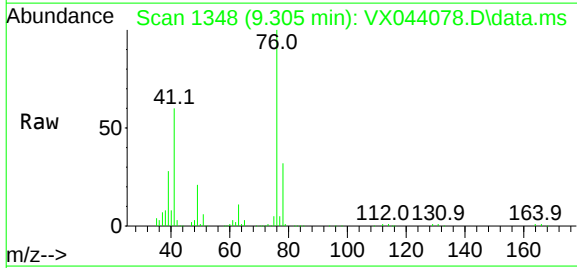
Tgt Ion: 69 Resp: 117918
Ion Ratio Lower Upper
69 100
41 71.5 55.8 83.8
39 47.7 36.7 55.1





#57
1,3-Dichloropropane
Concen: 52.217 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

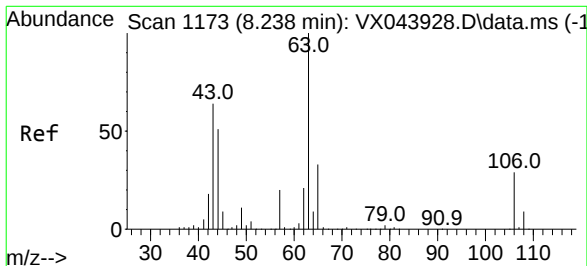
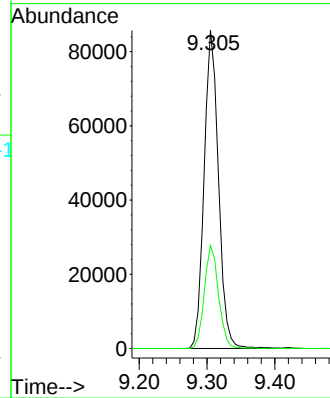
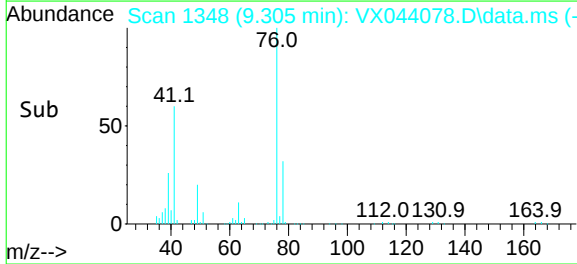
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 125986
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

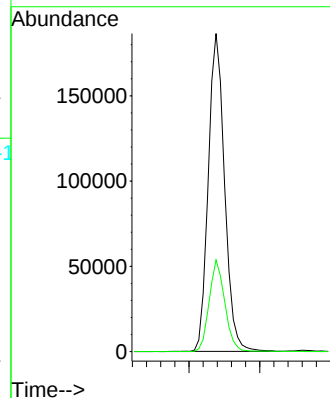
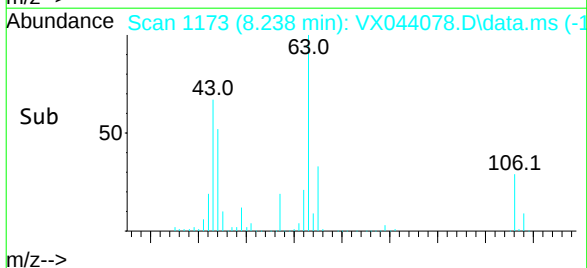
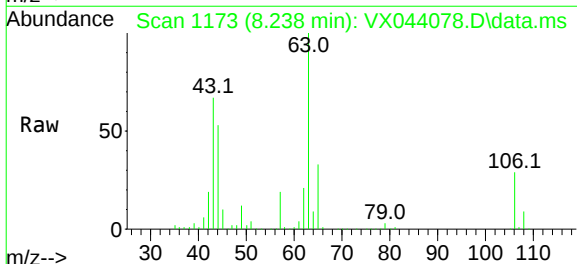
Manual Integrations
APPROVED

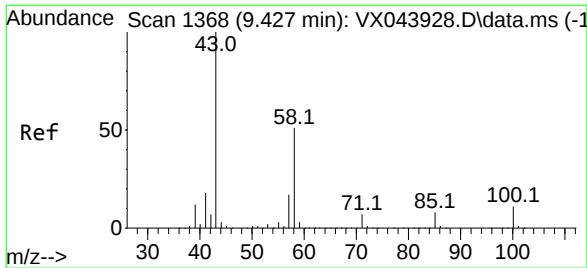
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 243.800 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 63 Resp: 298188
Ion Ratio Lower Upper
63 100
106 27.8 23.0 34.6





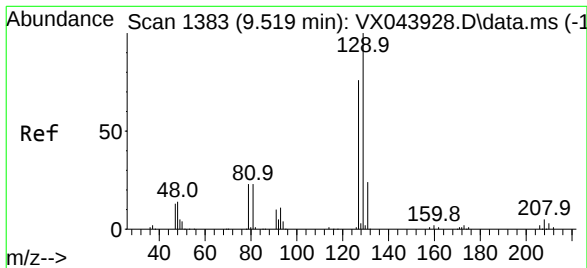
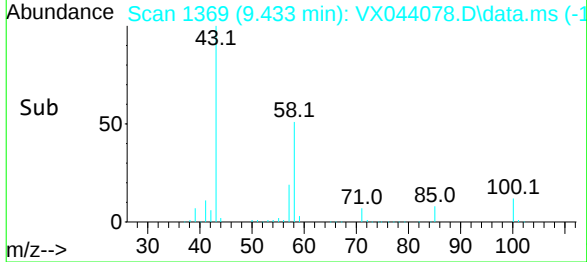
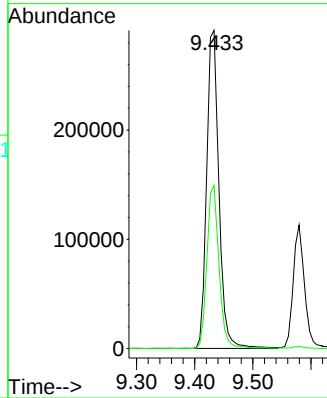
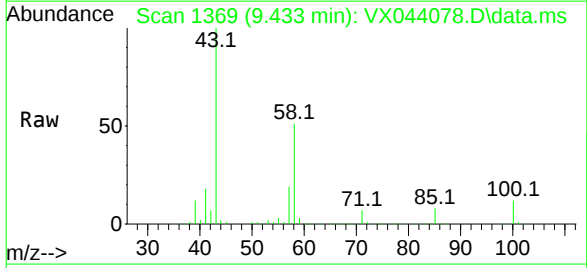
#59
2-Hexanone
Concen: 253.009 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 426659
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6

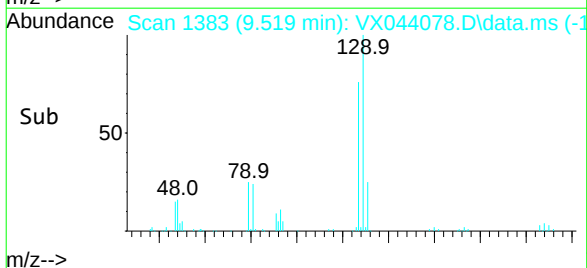
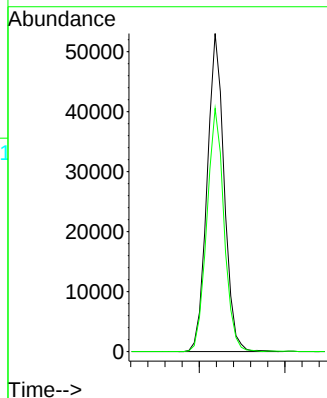
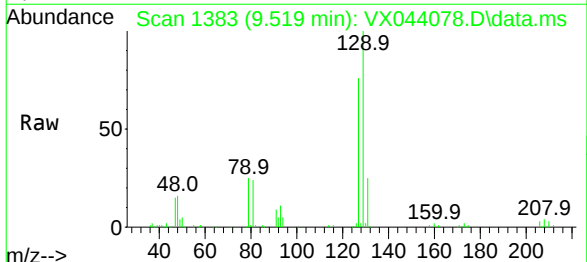
Manual Integrations
APPROVED

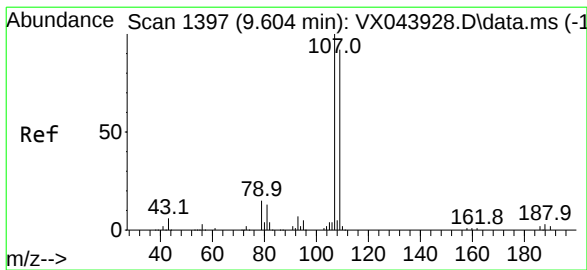
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#60
Dibromochloromethane
Concen: 50.954 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

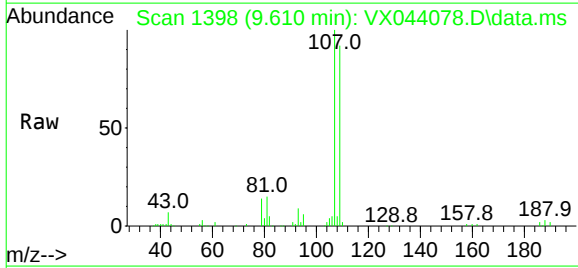
Tgt Ion:129 Resp: 73223
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 51.334 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

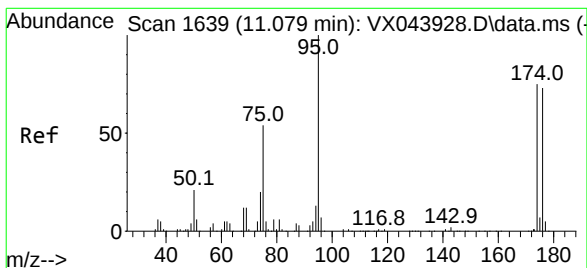
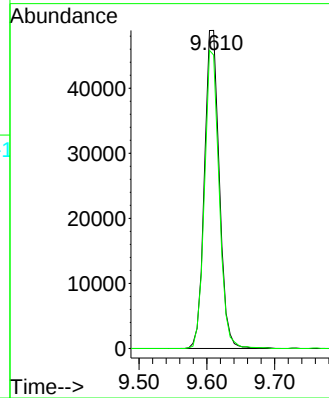
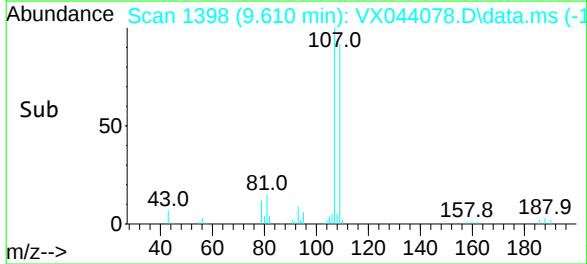
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 74345
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8

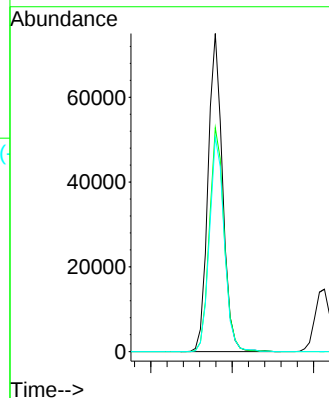
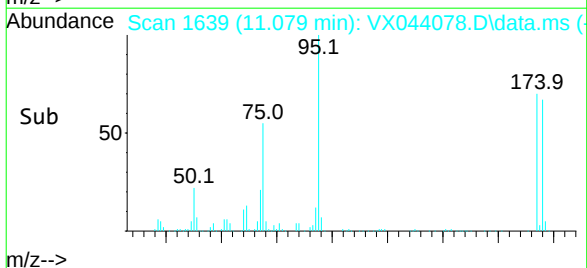
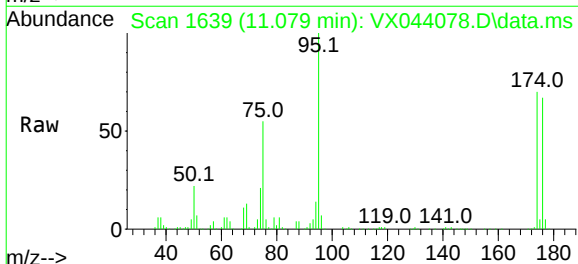
Manual Integrations
APPROVED

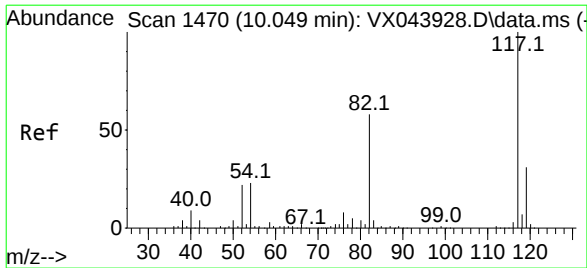
Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024



#62
4-Bromofluorobenzene
Concen: 53.042 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 95 Resp: 92933
Ion Ratio Lower Upper
95 100
174 71.7 0.0 150.4
176 68.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

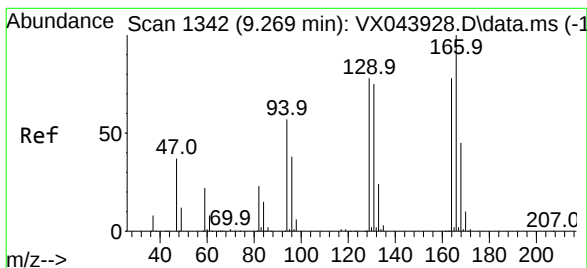
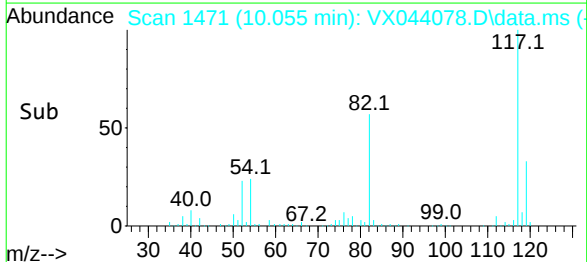
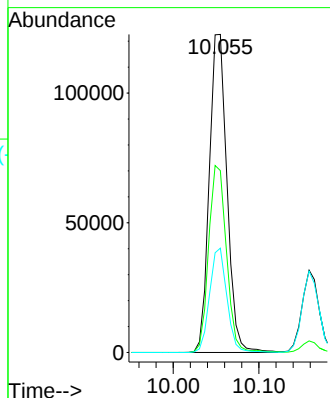
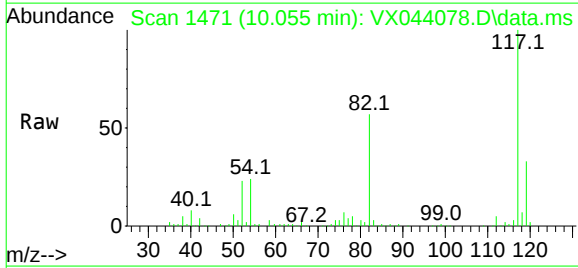
Tgt Ion:	117	Resp:	176196
Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	32.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#64

Tetrachloroethene

Concen: 50.573 ug/l

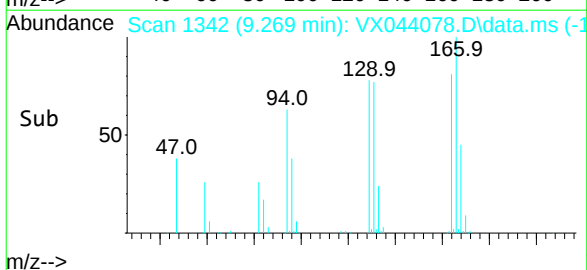
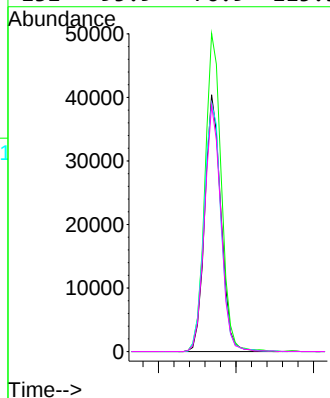
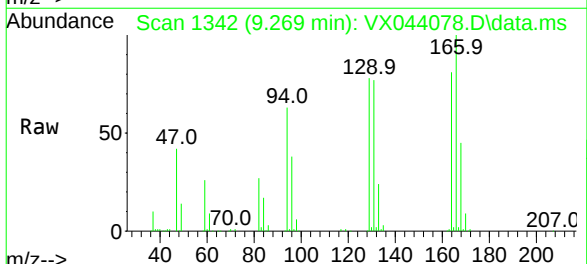
RT: 9.269 min Scan# 1342

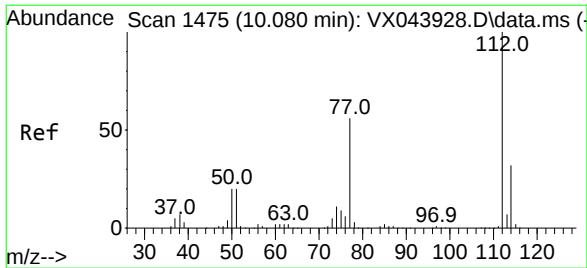
Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	164	Resp:	58756
Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.1	153.1
129	96.9	79.6	119.4
131	95.9	76.9	115.3





#65

Chlorobenzene

Concen: 49.042 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 189783

Ion Ratio Lower Upper

112 100

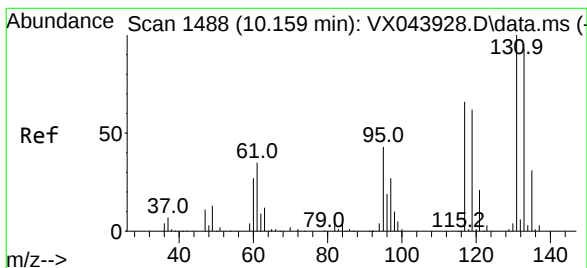
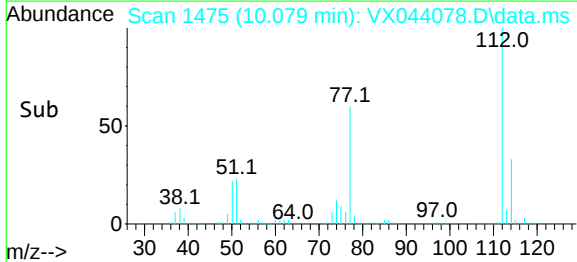
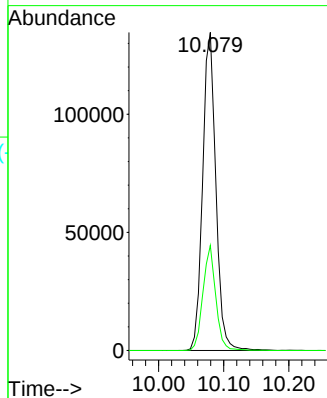
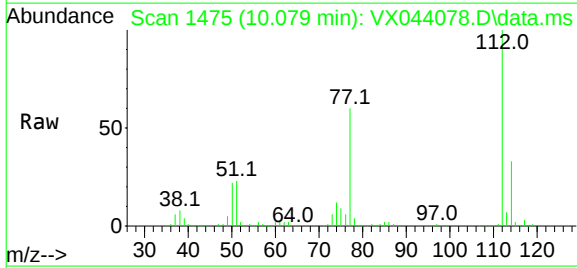
114 33.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 53.058 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

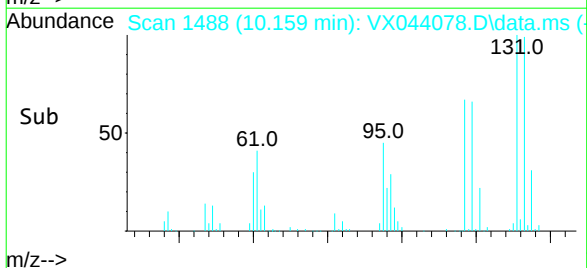
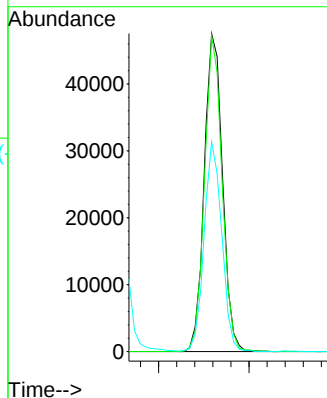
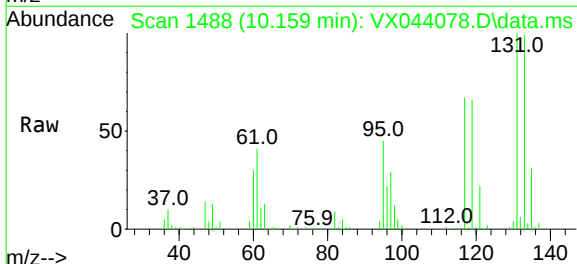
Tgt Ion:131 Resp: 66589

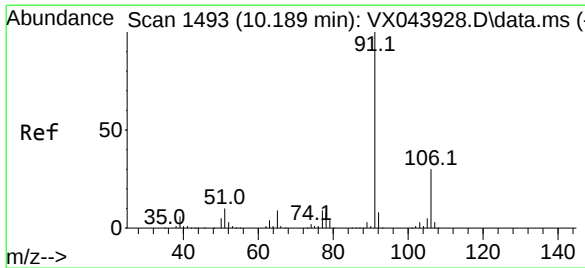
Ion Ratio Lower Upper

131 100

133 95.2 48.2 144.6

119 63.9 31.5 94.5





#67

Ethyl Benzene

Concen: 51.578 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 338216

Ion Ratio Lower Upper

91 100

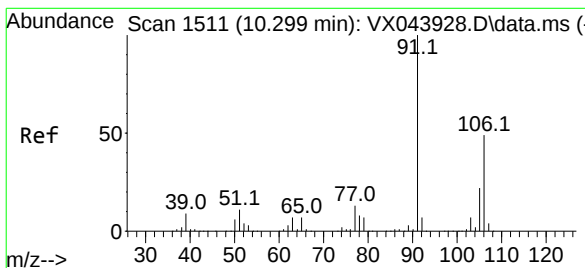
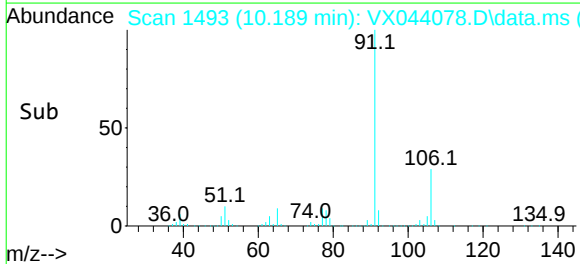
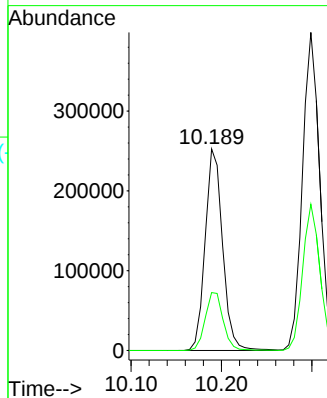
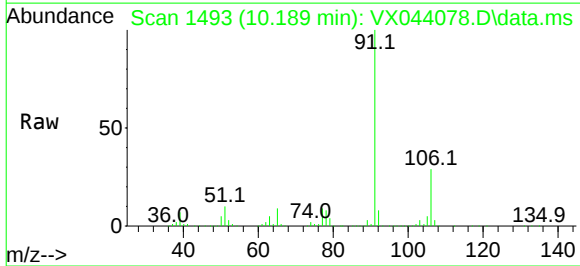
106 28.7 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#68

m/p-Xylenes

Concen: 100.862 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044078.D

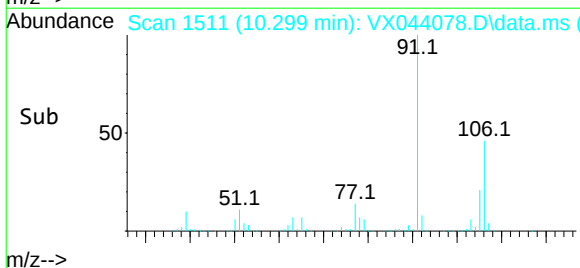
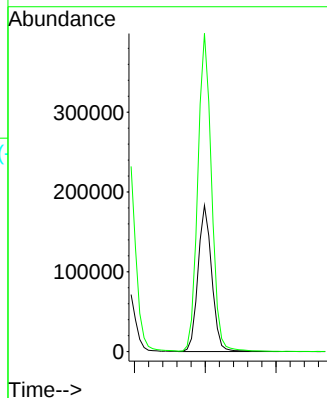
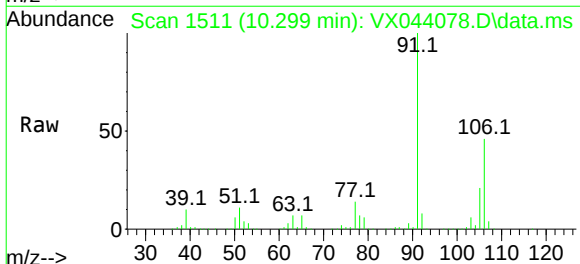
Acq: 02 Dec 2024 19:50

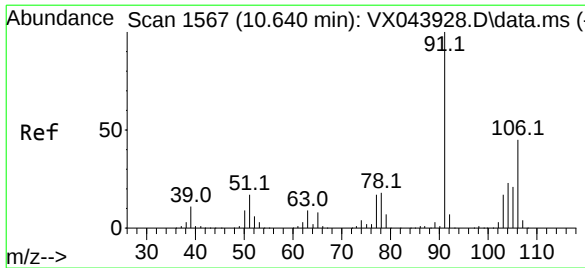
Tgt Ion:106 Resp: 246645

Ion Ratio Lower Upper

106 100

91 217.1 168.1 252.1





#69

o-Xylene

Concen: 51.648 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 123312

Ion Ratio Lower Upper

106 100

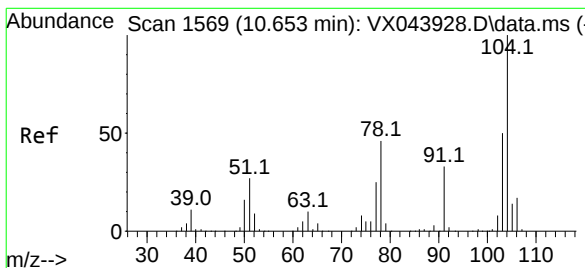
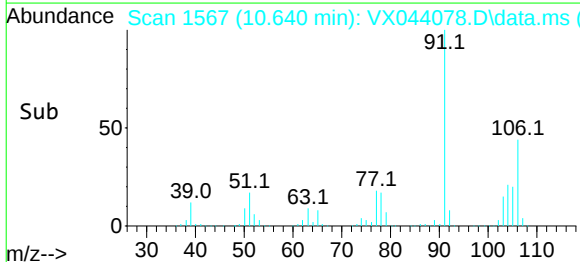
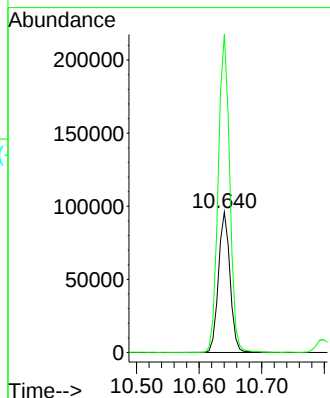
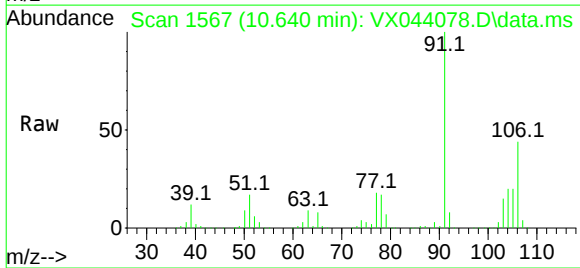
91 226.2 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#70

Styrene

Concen: 52.623 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

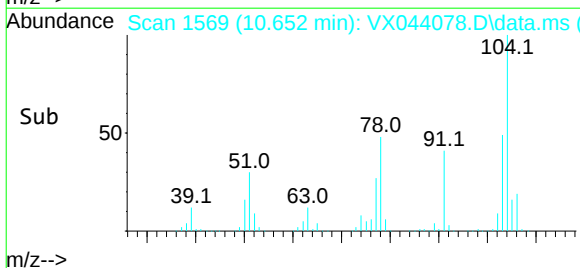
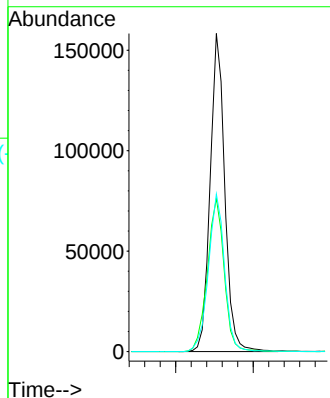
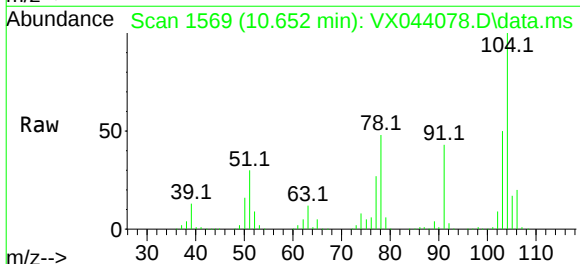
Tgt Ion:104 Resp: 207805

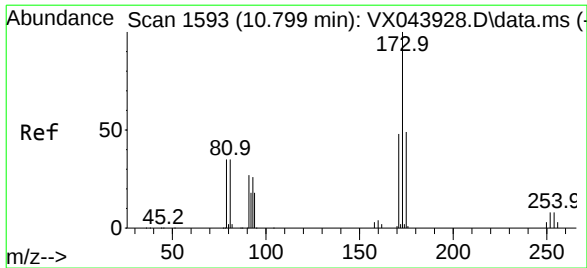
Ion Ratio Lower Upper

104 100

78 55.2 42.2 63.2

103 54.9 44.7 67.1





#71

Bromoform

Concen: 44.849 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

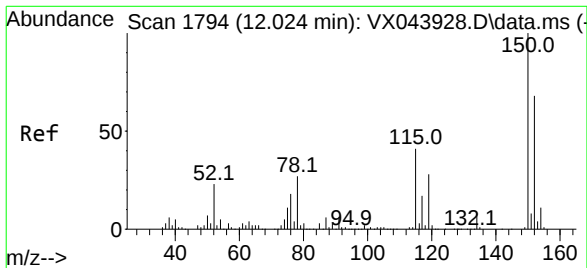
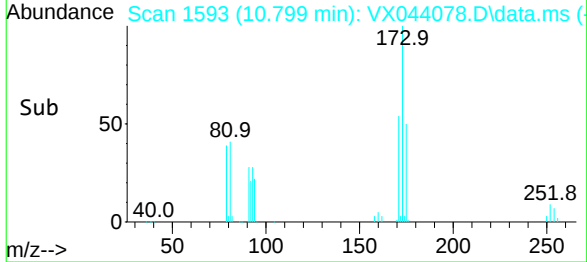
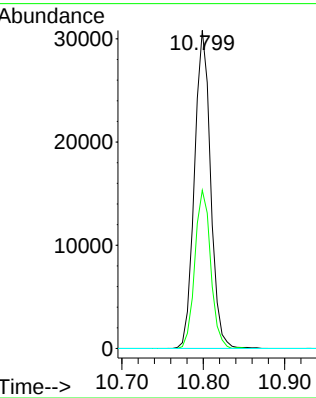
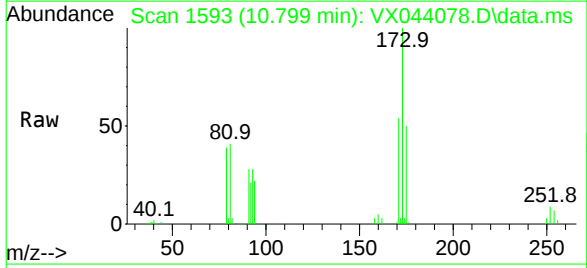
Tgt Ion:	173	Resp:	42407
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

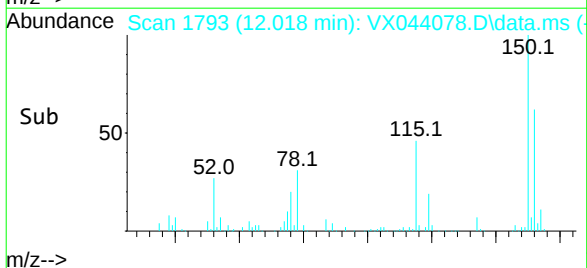
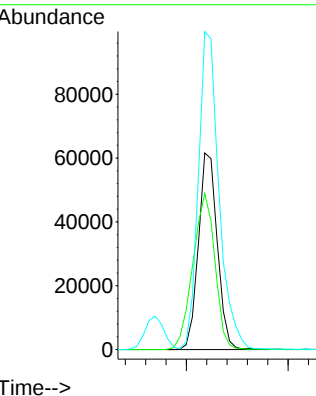
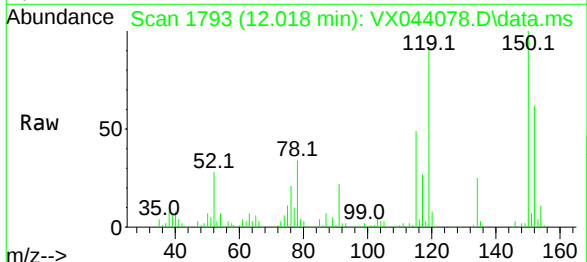
RT: 12.018 min Scan# 1793

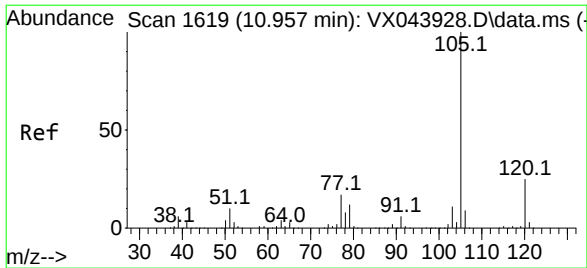
Delta R.T. -0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	152	Resp:	79459
Ion Ratio	Lower	Upper	
152	100		
115	92.8	45.4	136.2
150	176.8	0.0	353.0





#73

Isopropylbenzene

Concen: 53.419 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 326283

Ion Ratio Lower Upper

105 100

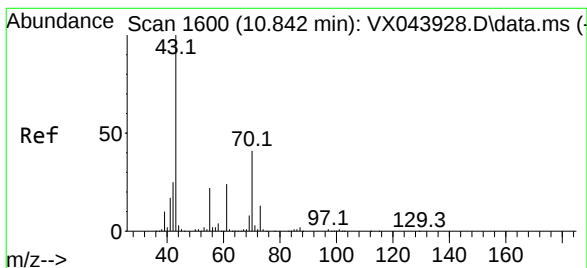
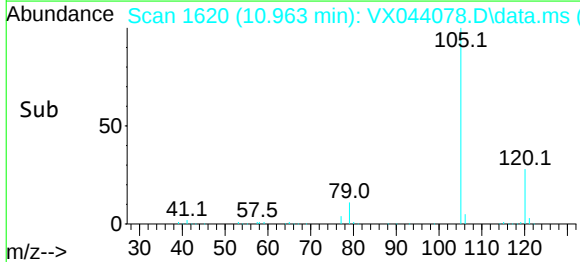
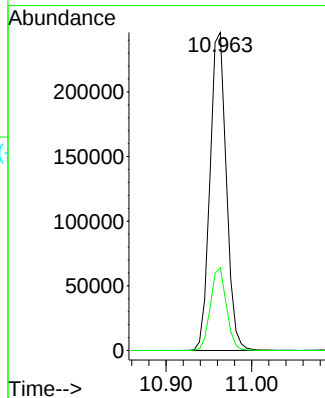
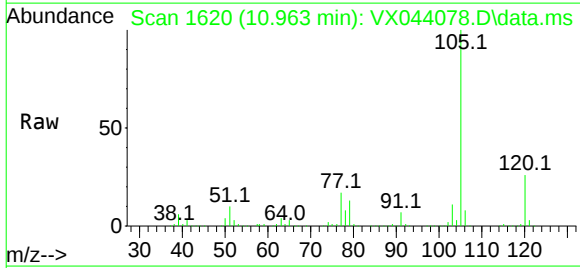
120 25.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#74

N-ethyl acetate

Concen: 56.064 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion: 43 Resp: 158635

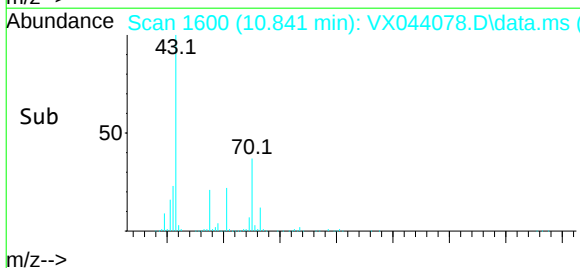
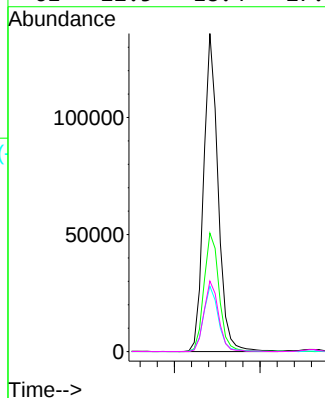
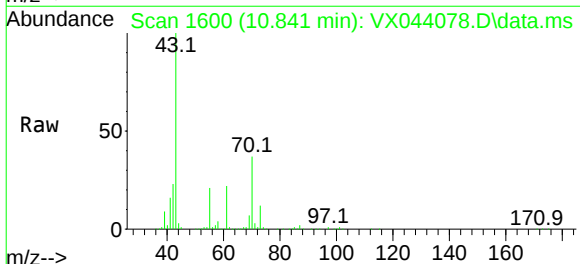
Ion Ratio Lower Upper

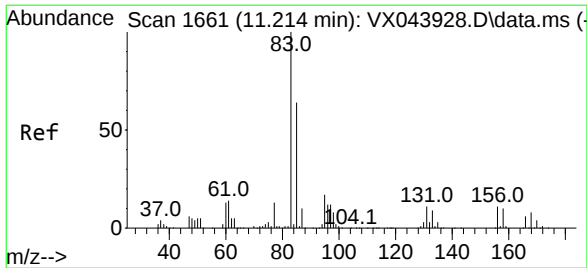
43 100

70 39.3 32.2 48.2

55 21.3 18.1 27.1

61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.434 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

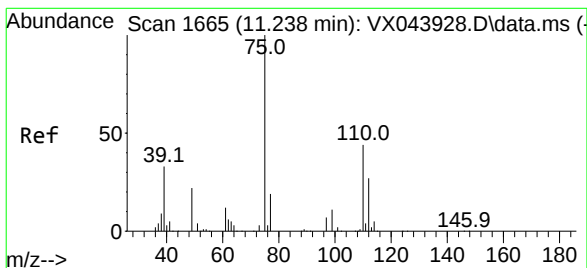
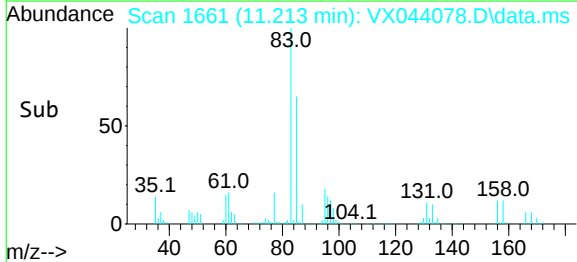
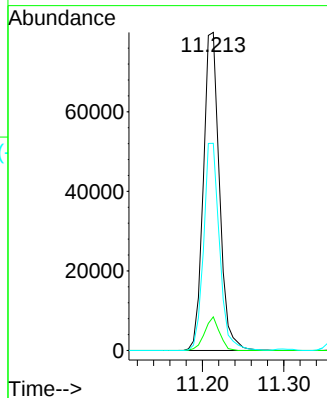
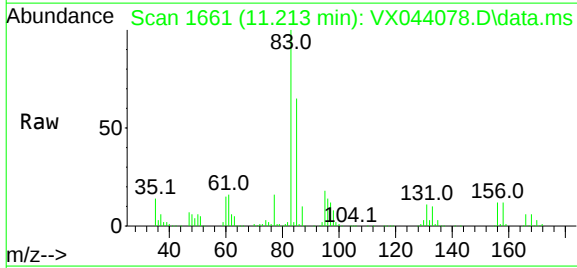
Tgt Ion:	83	Resp:	109661
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	64.3	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#76

1,2,3-Trichloropropane

Concen: 52.204 ug/l m

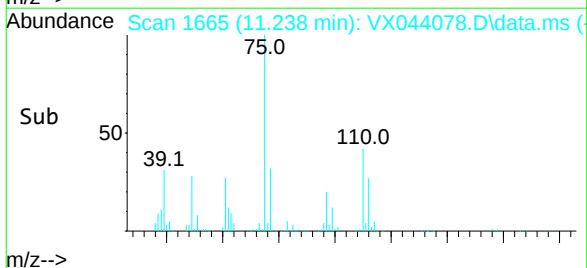
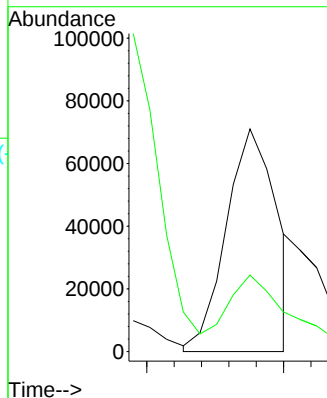
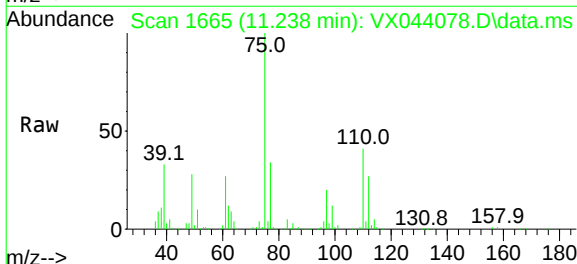
RT: 11.238 min Scan# 1665

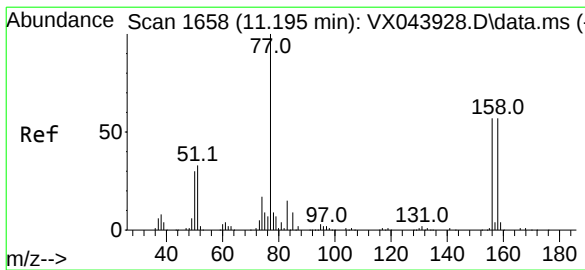
Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	75	Resp:	90966
Ion Ratio	Lower	Upper	
75	100		
77	43.5	21.8	65.3





#77

Bromobenzene

Concen: 51.554 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

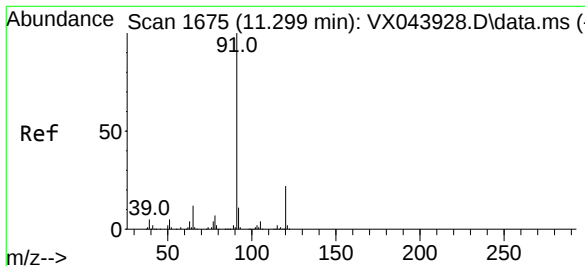
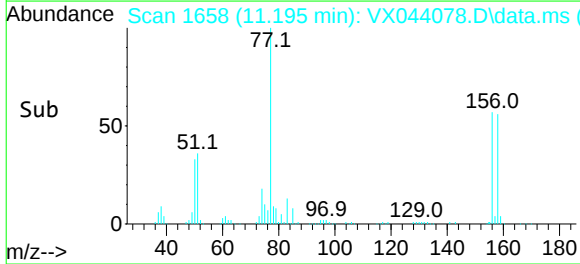
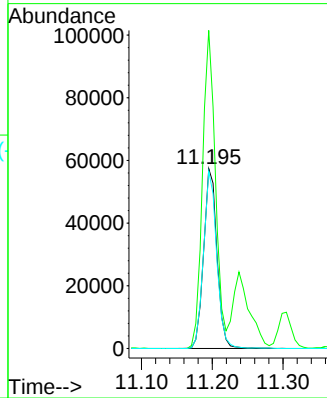
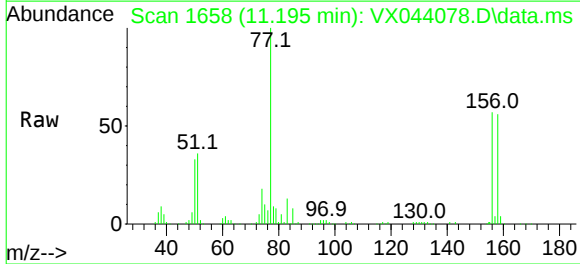
Tgt Ion:	156	Resp:	75117
Ion Ratio	Lower	Upper	
156	100		
77	171.1	83.4	250.1
158	97.5	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#78

n-propylbenzene

Concen: 53.576 ug/l

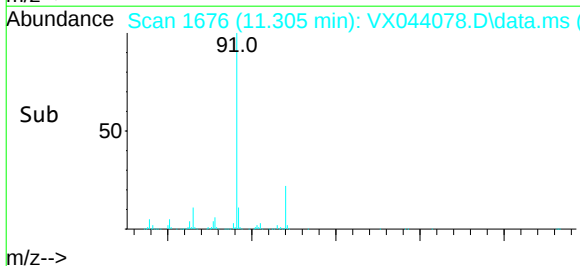
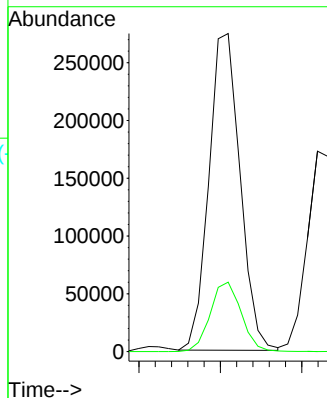
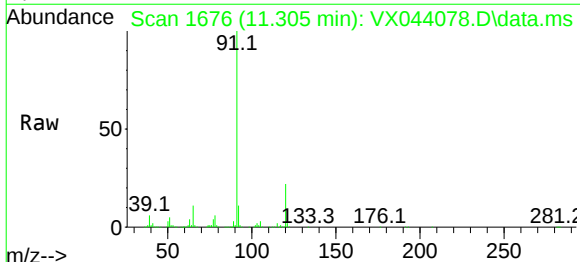
RT: 11.305 min Scan# 1676

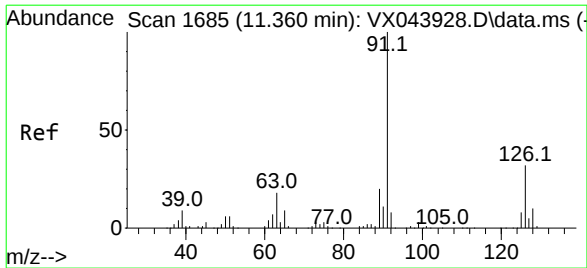
Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	91	Resp:	365479
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.382 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 225958

Ion Ratio Lower Upper

91 100

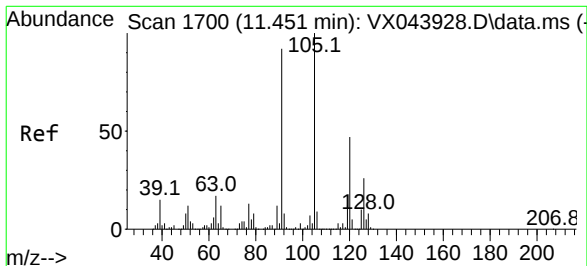
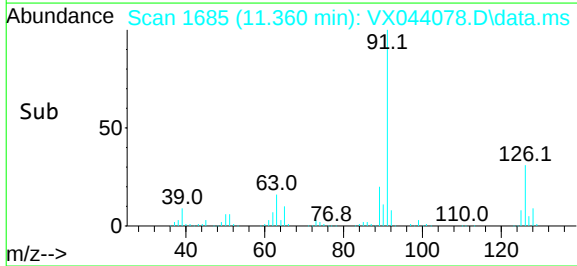
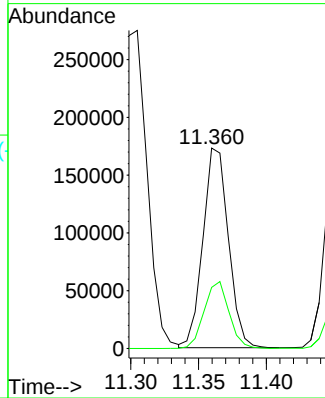
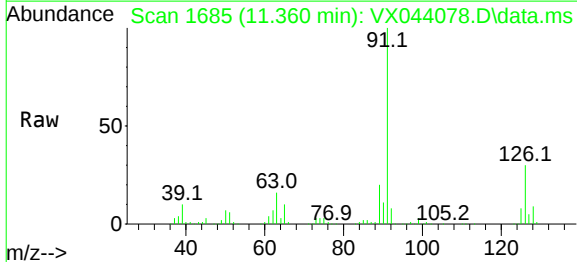
126 32.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.091 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044078.D

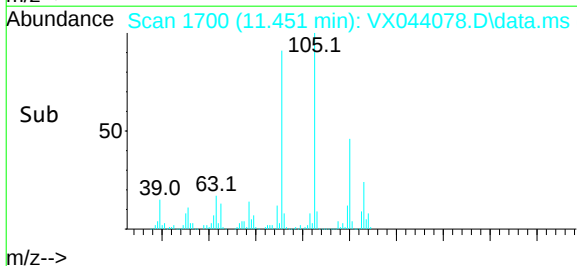
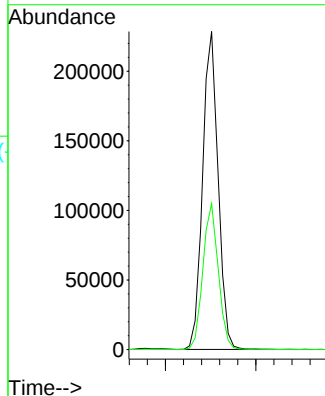
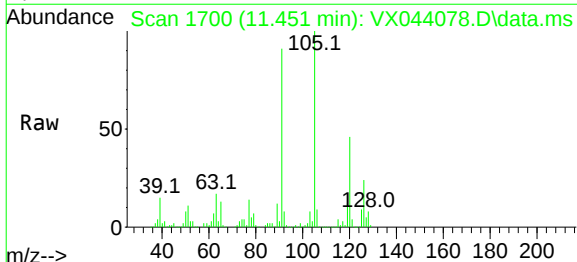
Acq: 02 Dec 2024 19:50

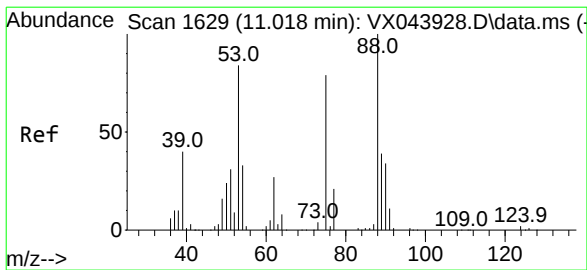
Tgt Ion:105 Resp: 271808

Ion Ratio Lower Upper

105 100

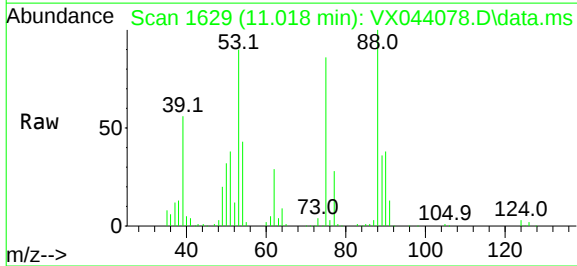
120 45.8 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.294 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

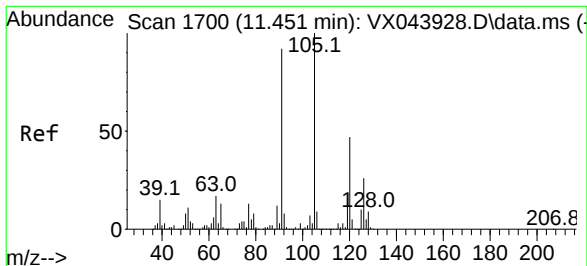
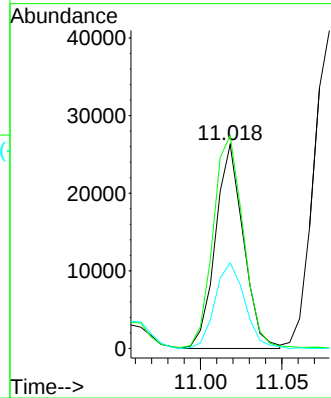
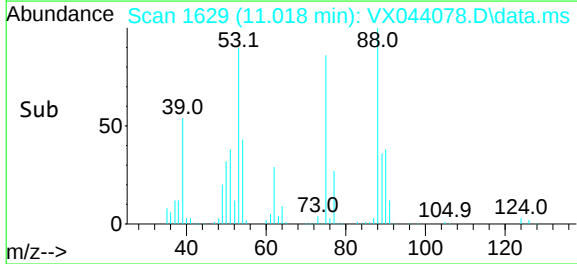
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31478
Ion Ratio Lower Upper
75 100
53 112.9 86.7 130.1
89 44.7 38.2 57.2

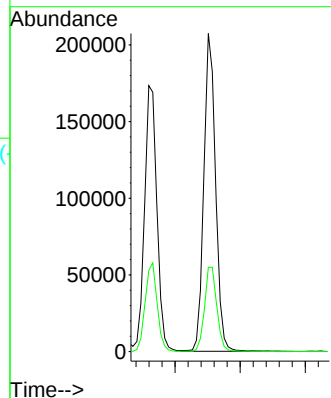
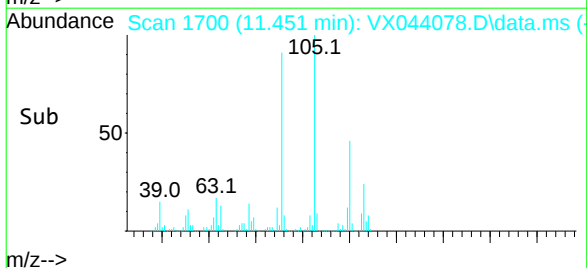
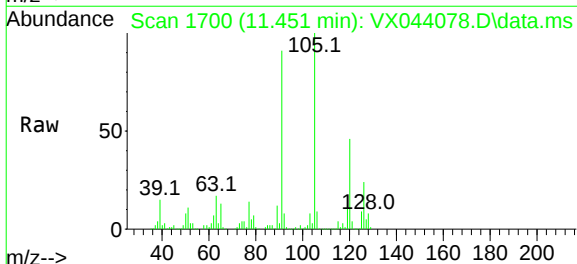
Manual Integrations
APPROVED

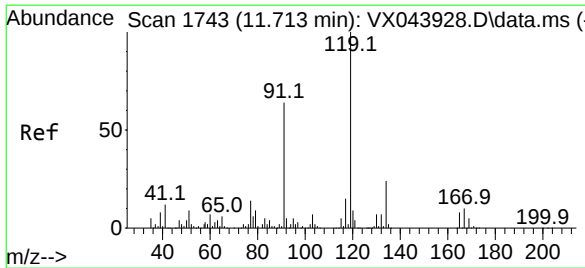
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#82
4-Chlorotoluene
Concen: 53.280 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion: 91 Resp: 259474
Ion Ratio Lower Upper
91 100
126 28.2 14.3 42.9





#83

tert-Butylbenzene

Concen: 53.045 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

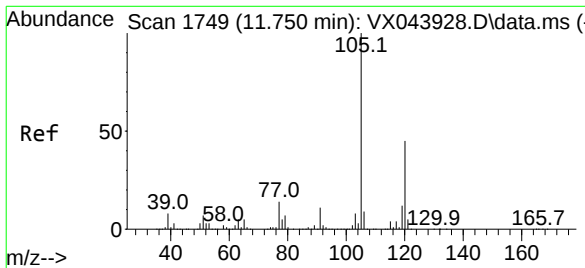
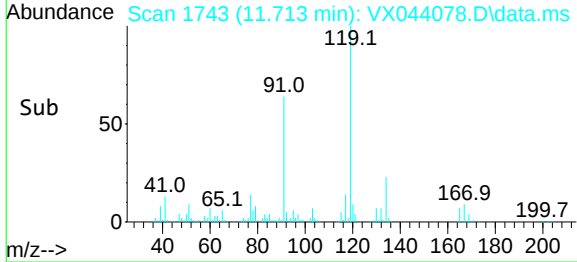
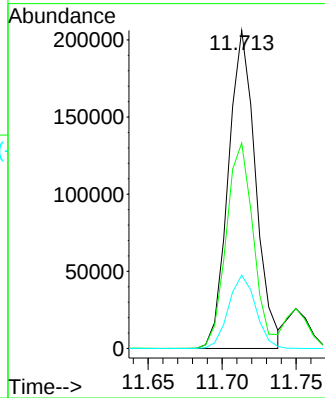
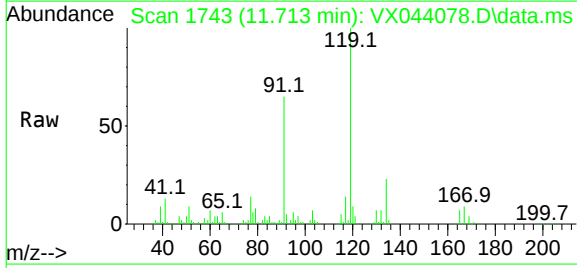
Tgt Ion:	119	Resp:	264203
Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.0	93.0
134	23.0	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.989 ug/l

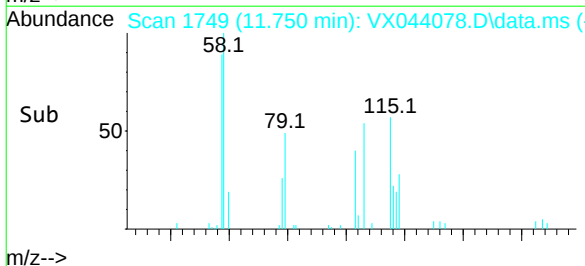
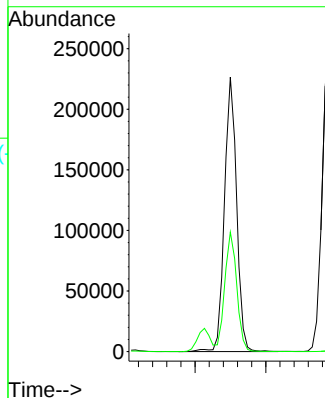
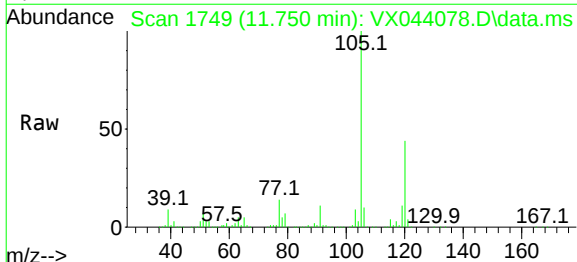
RT: 11.750 min Scan# 1749

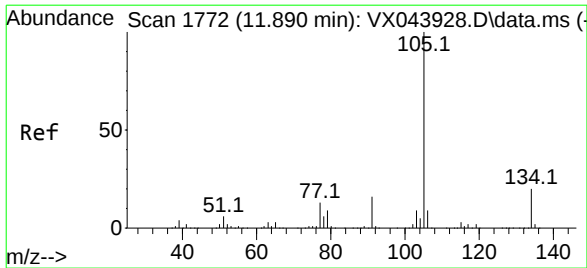
Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	105	Resp:	270100
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.9	65.7





#85

sec-Butylbenzene

Concen: 52.977 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 323296

Ion Ratio Lower Upper

105 100

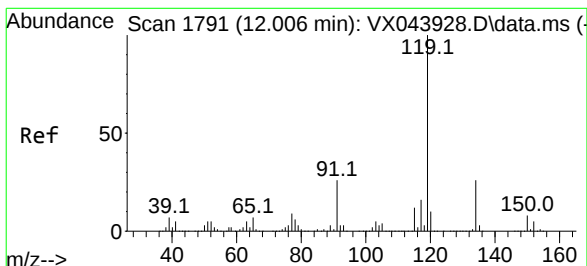
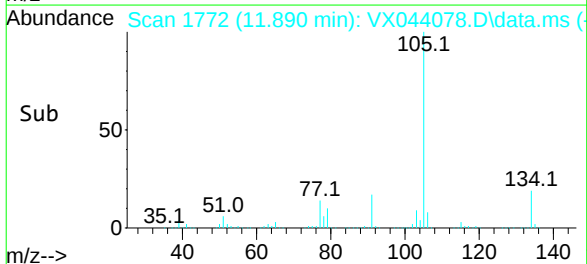
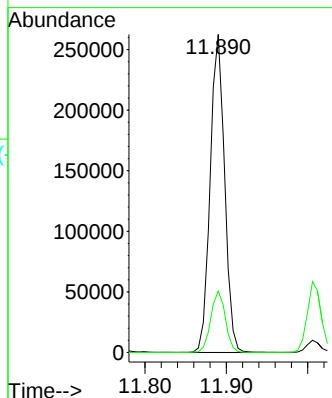
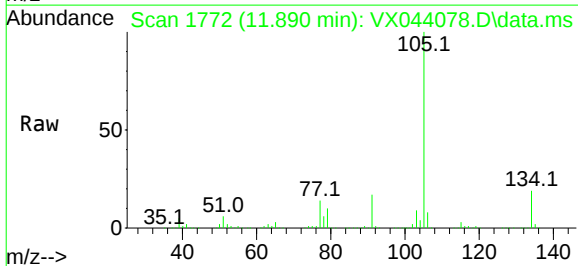
134 19.5 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#86

p-Isopropyltoluene

Concen: 54.644 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

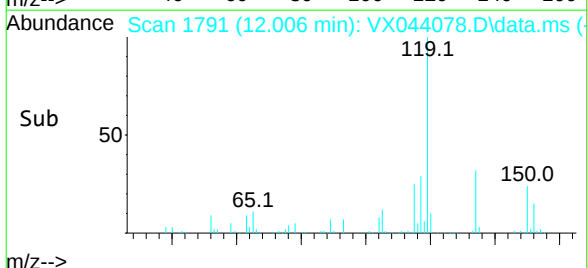
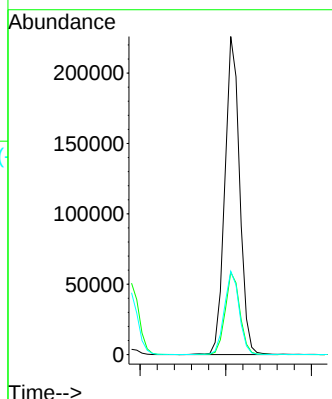
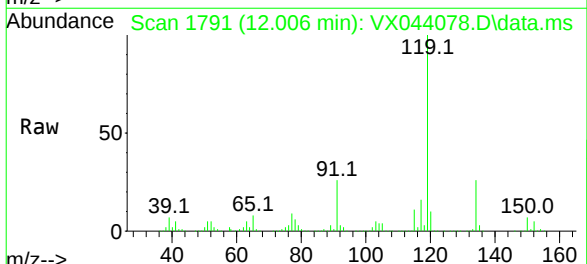
Tgt Ion:119 Resp: 270869

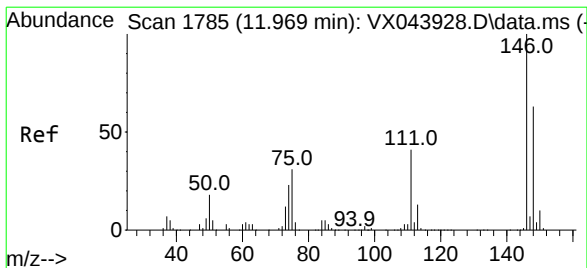
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 51.951 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 137866

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.3

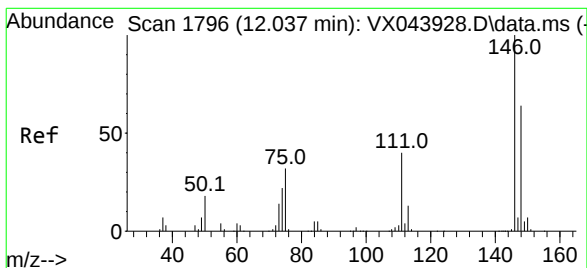
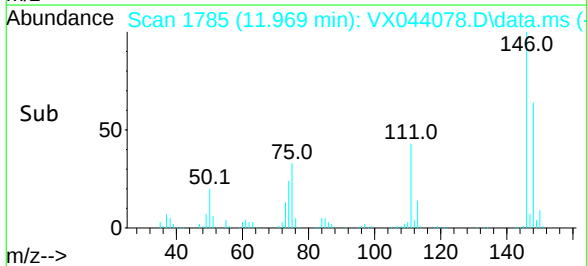
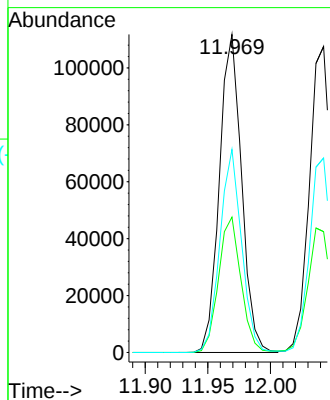
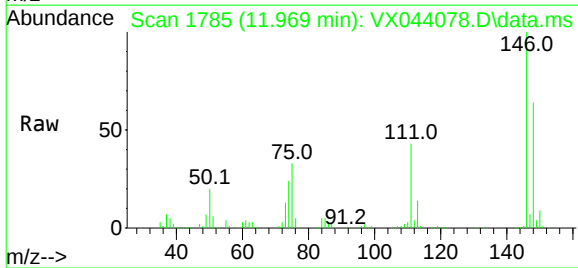
148 62.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#88

1,4-Dichlorobenzene

Concen: 50.174 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

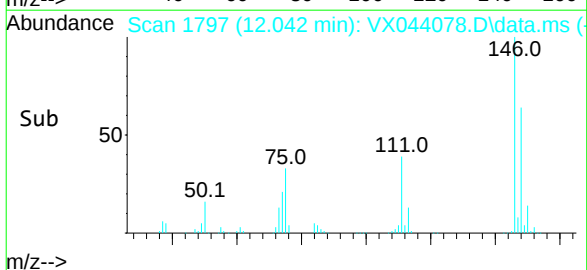
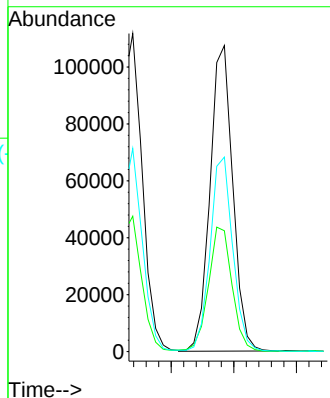
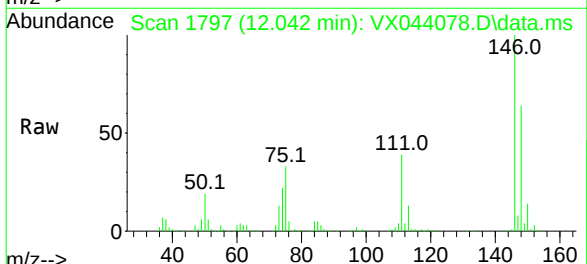
Tgt Ion:146 Resp: 135748

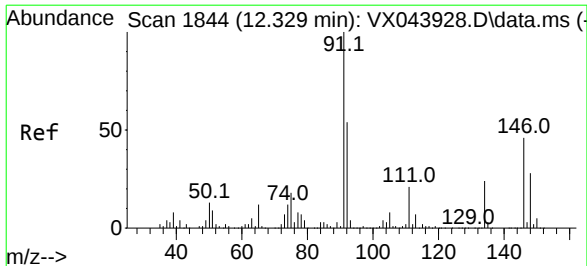
Ion Ratio Lower Upper

146 100

111 42.3 20.1 60.3

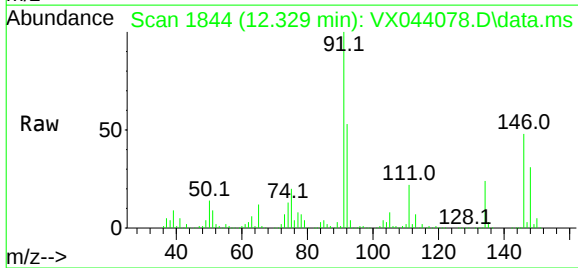
148 63.5 30.9 92.8





#89
n-Butylbenzene
Concen: 54.597 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

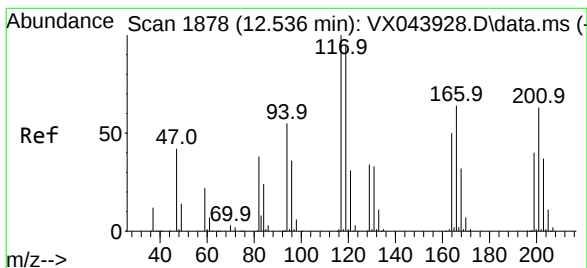
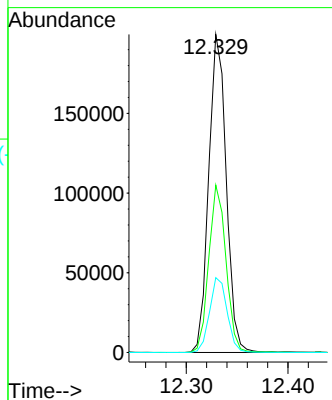
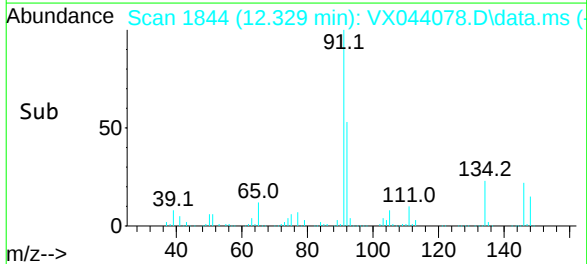
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 238610
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.8
134 23.7 12.4 37.2

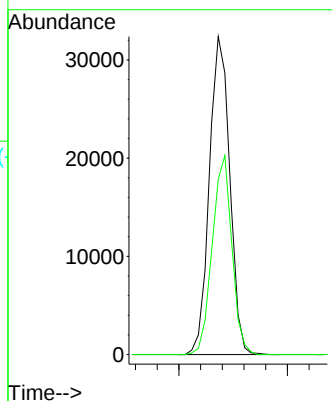
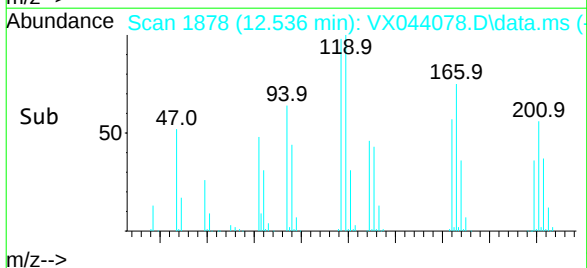
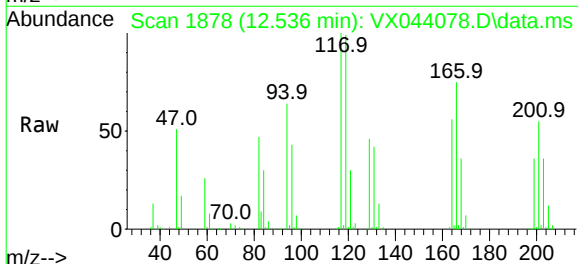
Manual Integrations
APPROVED

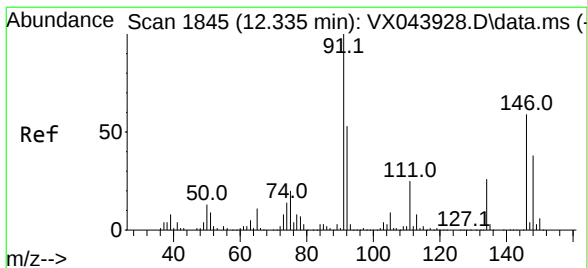
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#90
Hexachloroethane
Concen: 50.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044078.D
Acq: 02 Dec 2024 19:50

Tgt Ion:117 Resp: 42330
Ion Ratio Lower Upper
117 100
201 60.0 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 51.725 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044078.D

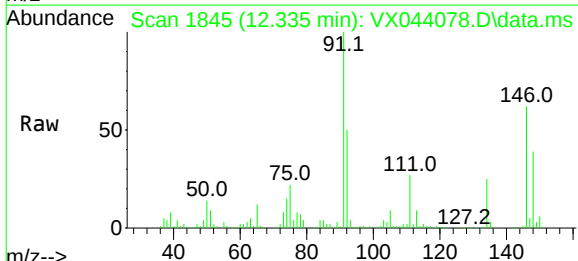
Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



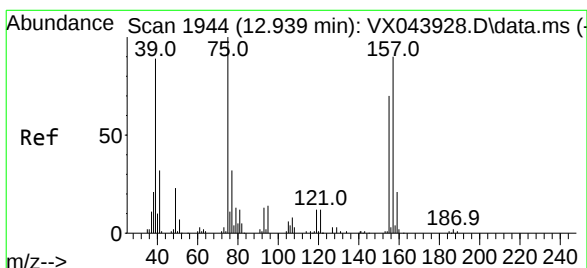
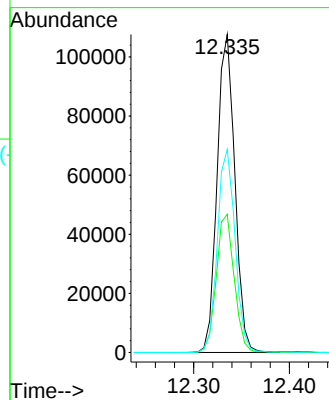
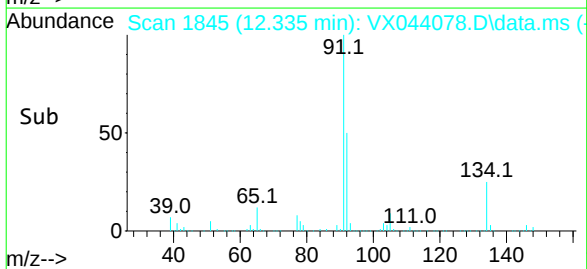
Tgt Ion:	146	Resp:	138525
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.5	64.5
148	64.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.500 ug/l

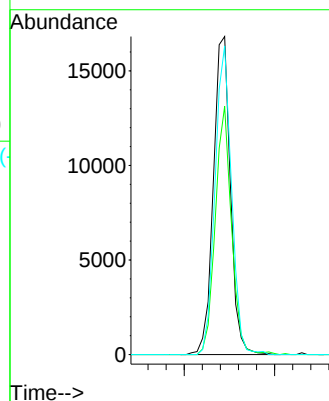
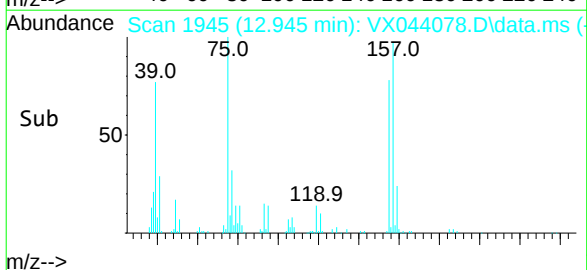
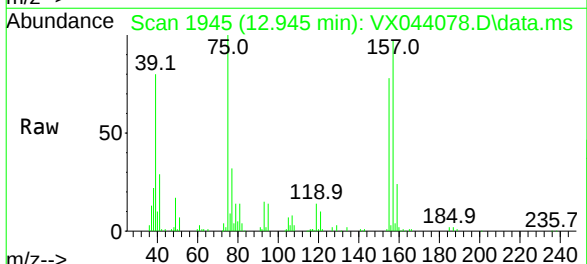
RT: 12.945 min Scan# 1945

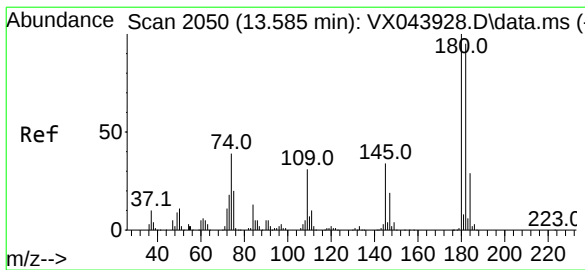
Delta R.T. 0.006 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	75	Resp:	22001
Ion Ratio	Lower	Upper	
75	100		
155	74.6	40.1	120.2
157	94.1	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 49.869 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 78738

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.2

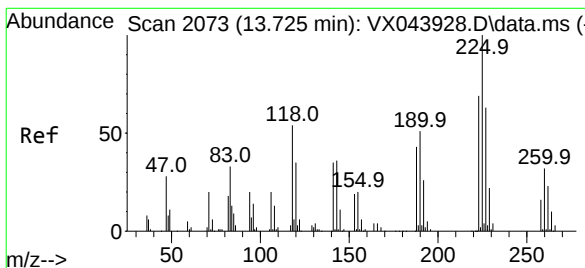
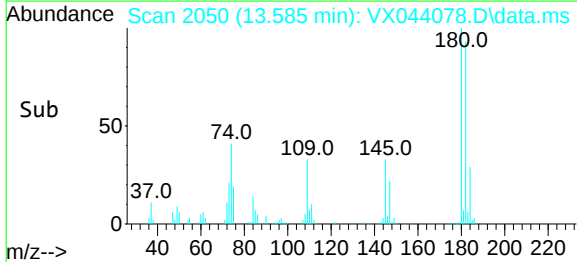
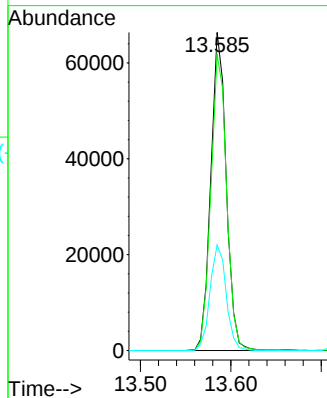
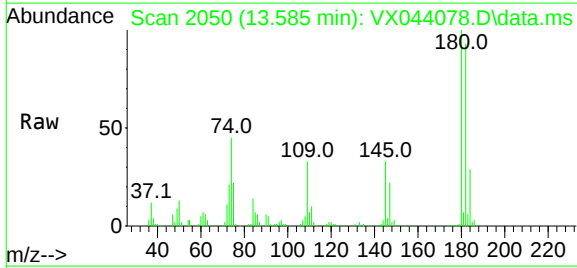
145 34.7 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#94

Hexachlorobutadiene

Concen: 46.613 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

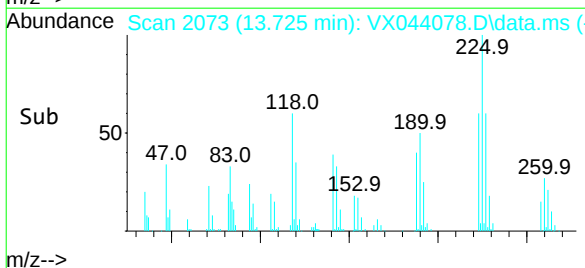
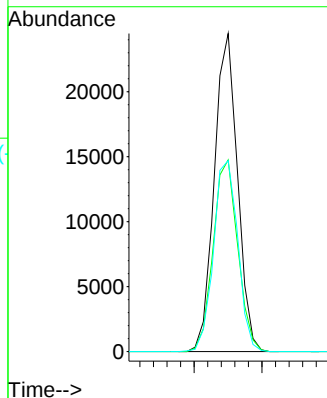
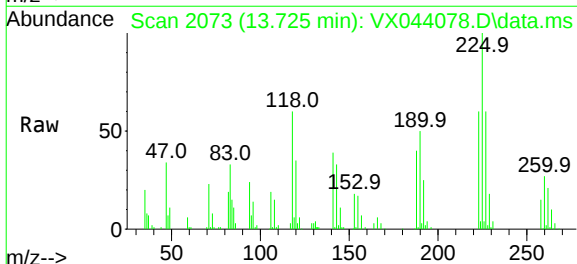
Tgt Ion:225 Resp: 29087

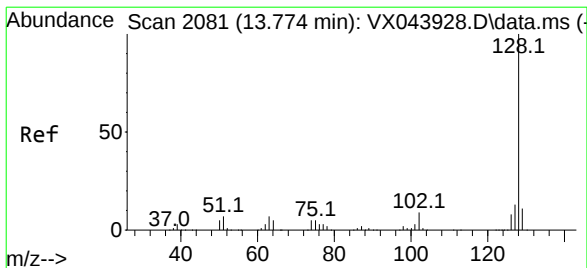
Ion Ratio Lower Upper

225 100

223 63.8 32.9 98.6

227 62.9 31.6 94.8





#95

Naphthalene

Concen: 59.146 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

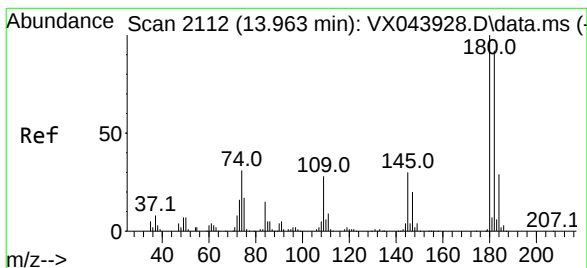
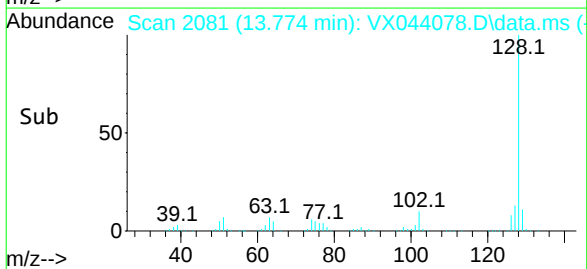
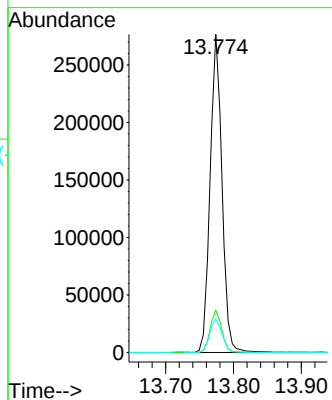
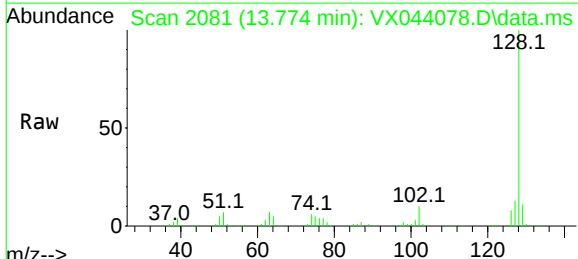
Tgt Ion:	128	Resp:	336161
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.661 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044078.D

Acq: 02 Dec 2024 19:50

Tgt Ion:	180	Resp:	80961
Ion	Ratio	Lower	Upper
180	100		
182	94.3	45.6	136.8
145	36.5	16.4	49.4

