

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043203.D
 Acq On : 30 Sep 2024 17:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:54:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90245	53.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.200%
35) Dibromofluoromethane	5.385	113	68353	54.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.940%
50) Toluene-d8	8.647	98	218966	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	11.079	95	81745	47.807	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48740	45.092	ug/l	98
3) Chloromethane	1.300	50	48827	44.246	ug/l	99
4) Vinyl Chloride	1.374	62	54198	48.350	ug/l	98
5) Bromomethane	1.599	94	20887	32.389	ug/l	99
6) Chloroethane	1.666	64	28550	39.780	ug/l	100
7) Trichlorofluoromethane	1.873	101	91934	46.205	ug/l	97
8) Diethyl Ether	2.136	74	36588	54.770	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	57381	51.094	ug/l	98
10) Methyl Iodide	2.447	142	70542	52.848	ug/l	100
11) Tert butyl alcohol	2.989	59	95096	252.980	ug/l	98
12) 1,1-Dichloroethene	2.312	96	52814	49.166	ug/l	98
13) Acrolein	2.239	56	9637	194.592	ug/l	91
14) Allyl chloride	2.660	41	95109	47.682	ug/l	98
15) Acrylonitrile	3.068	53	177672	272.480	ug/l	100
16) Acetone	2.386	43	179672	228.198	ug/l	100
17) Carbon Disulfide	2.507	76	100438	37.615	ug/l	100
18) Methyl Acetate	2.709	43	146516	69.138	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	221617	54.144	ug/l	99
20) Methylene Chloride	2.788	84	62953	50.256	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	53731	48.341	ug/l	93
22) Diisopropyl ether	3.763	45	205486	55.018	ug/l	97
23) Vinyl Acetate	3.721	43	1122472	255.481	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115997	53.717	ug/l	99
25) 2-Butanone	4.562	43	263407	259.528	ug/l	100
26) 2,2-Dichloropropane	4.477	77	109649	50.169	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72536	52.421	ug/l	99
28) Bromochloromethane	4.897	49	45474	47.839	ug/l	100
29) Tetrahydrofuran	5.007	42	163523	267.902	ug/l	99
30) Chloroform	5.092	83	126024	52.930	ug/l	99
31) Cyclohexane	5.464	56	79410	47.961	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	113698	50.412	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73581	47.715	ug/l	100
37) Ethyl Acetate	4.714	43	97334	50.250	ug/l	100
38) Carbon Tetrachloride	5.672	117	92979	46.806	ug/l	99
39) Methylcyclohexane	7.372	83	87383	45.152	ug/l	95
40) Benzene	6.037	78	230712	50.702	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56585	58.762	ug/l	97
42) 1,2-Dichloroethane	6.086	62	101722	52.648	ug/l	99
43) Isopropyl Acetate	6.342	43	168073	51.950	ug/l	100
44) Trichloroethene	7.123	130	61396	49.313	ug/l	94
45) 1,2-Dichloropropane	7.427	63	60076	53.005	ug/l	97
46) Dibromomethane	7.580	93	48273	50.581	ug/l	99
47) Bromodichloromethane	7.818	83	100163	50.472	ug/l	96
48) Methyl methacrylate	7.689	41	82137	51.688	ug/l	97
49) 1,4-Dioxane	7.665	88	33285	1109.551	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	520842	262.054	ug/l	100
52) Toluene	8.720	92	145689	49.716	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	98546	48.373	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	103130	50.690	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	63988	53.034	ug/l	97
56) Ethyl methacrylate	9.116	69	107883	51.384	ug/l	99
57) 1,3-Dichloropropane	9.305	76	105295	51.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233001	274.464	ug/l	100
59) 2-Hexanone	9.433	43	397922	256.046	ug/l	99
60) Dibromochloromethane	9.518	129	76000	48.234	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66037	50.021	ug/l	99
64) Tetrachloroethene	9.275	164	53752	50.015	ug/l	97
65) Chlorobenzene	10.079	112	164799	51.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	63615	53.899	ug/l	98
67) Ethyl Benzene	10.195	91	284119	51.331	ug/l	99
68) m/p-Xylenes	10.299	106	210221	102.056	ug/l	100
69) o-Xylene	10.640	106	105825	51.221	ug/l	99
70) Styrene	10.652	104	180165	52.278	ug/l	99
71) Bromoform	10.799	173	50979	49.109	ug/l #	99
73) Isopropylbenzene	10.963	105	279040	53.402	ug/l	100
74) N-amyl acetate	10.841	43	138036	56.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	96145	57.181	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83750m	56.538	ug/l	
77) Bromobenzene	11.195	156	67030	53.436	ug/l	99
78) n-propylbenzene	11.305	91	310123	52.312	ug/l	100
79) 2-Chlorotoluene	11.366	91	193793	52.118	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227739	52.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32684	52.570	ug/l	99
82) 4-Chlorotoluene	11.451	91	222521	52.357	ug/l	100
83) tert-Butylbenzene	11.713	119	234087	52.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231814	53.896	ug/l	98
85) sec-Butylbenzene	11.890	105	287621	52.532	ug/l	100
86) p-Isopropyltoluene	12.006	119	237680	52.288	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119420	52.212	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	118119	51.500	ug/l	99
89) n-Butylbenzene	12.329	91	205383	51.844	ug/l	99
90) Hexachloroethane	12.536	117	46796	51.657	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	122142	54.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24293	53.438	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	73489	52.624	ug/l	99
94) Hexachlorobutadiene	13.725	225	29120	49.630	ug/l	99
95) Naphthalene	13.774	128	271739	55.983	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75569	54.465	ug/l	98

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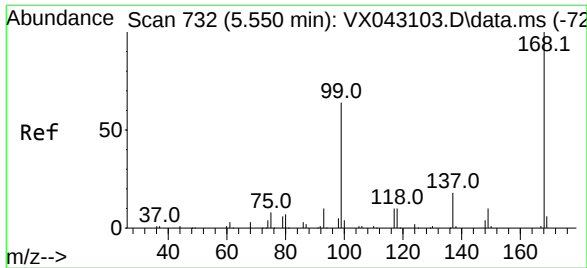
Manual Integrations
APPROVED

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Quant Time: Oct 01 01:54:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

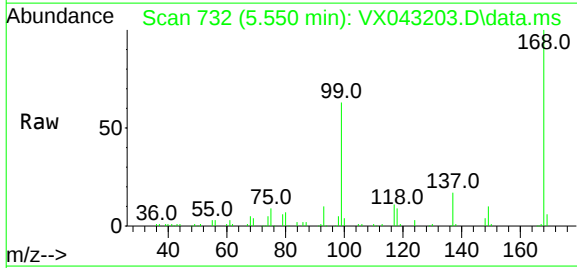
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

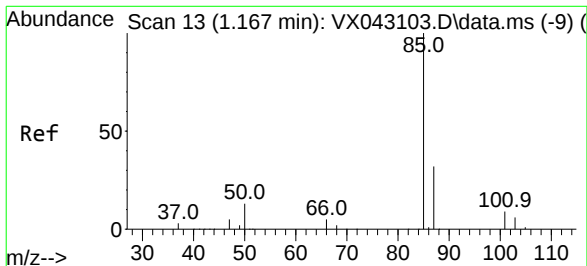
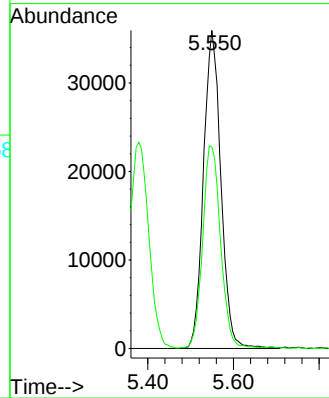
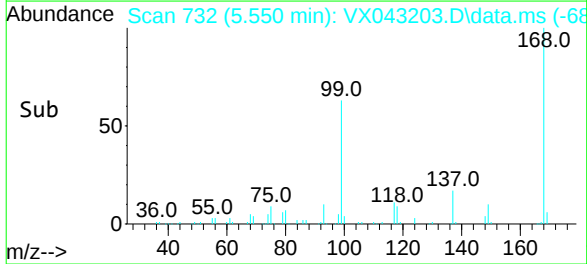
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 101357
Ion Ratio Lower Upper
168 100
99 63.2 50.8 76.2

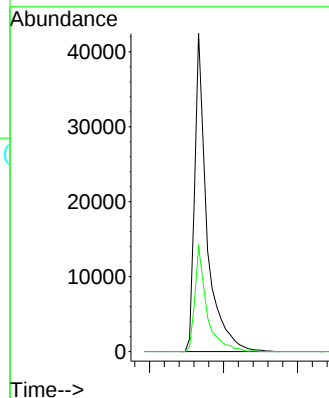
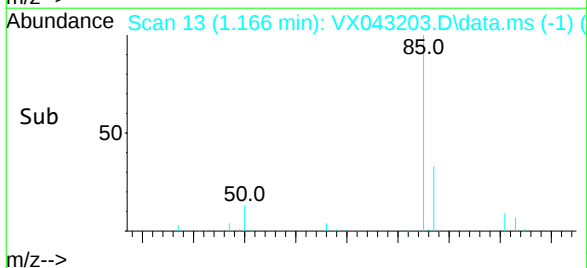
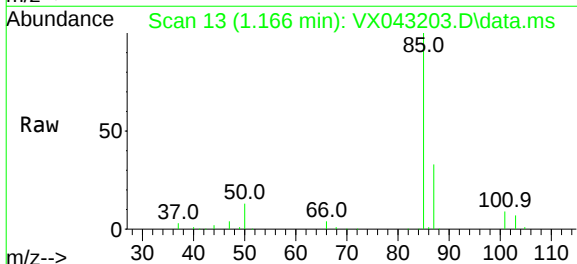
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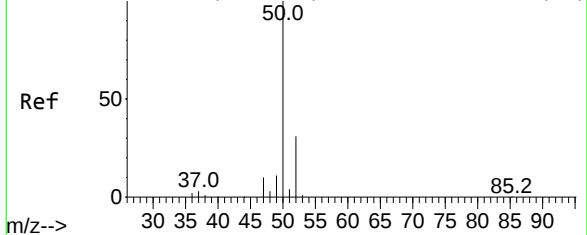


#2
Dichlorodifluoromethane
Concen: 45.092 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 85 Resp: 48740
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2



Abundance Scan 35 (1.301 min): VX043103.D\data.ms (-30)



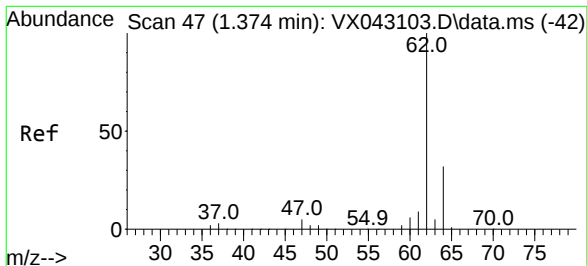
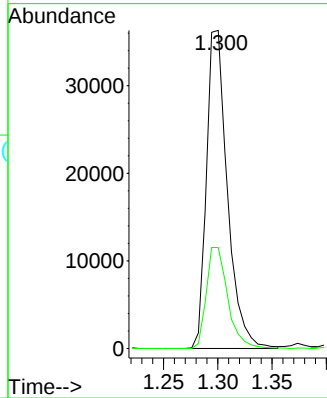
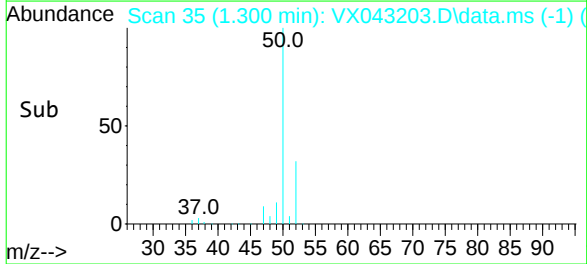
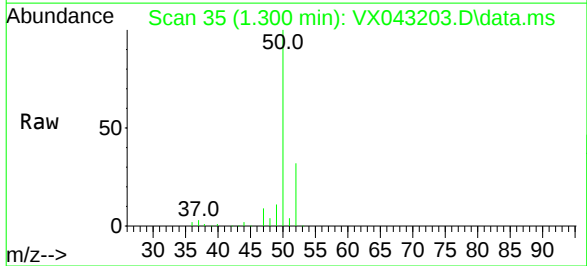
#3
Chloromethane
Concen: 44.246 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 48827
Ion Ratio Lower Upper
50 100
52 31.7 25.1 37.7

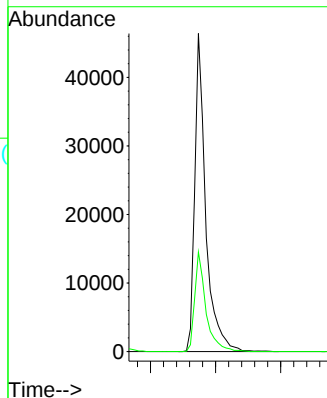
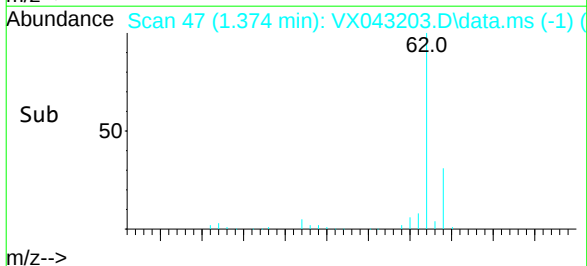
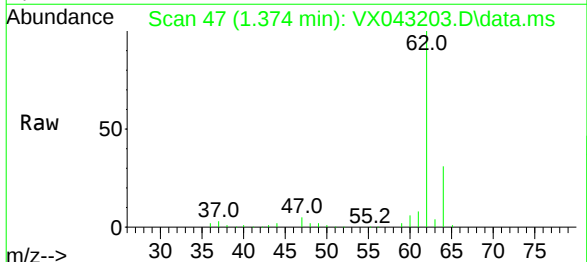
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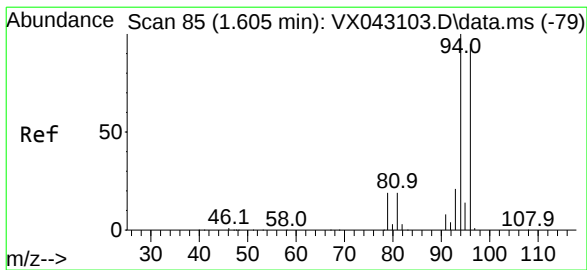
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#4
Vinyl Chloride
Concen: 48.350 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 62 Resp: 54198
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





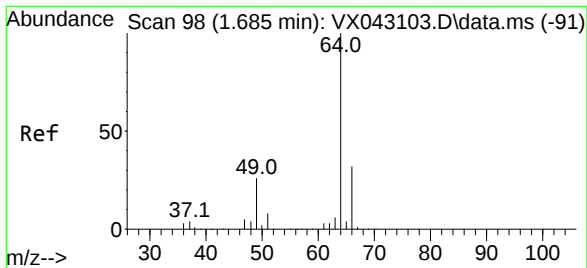
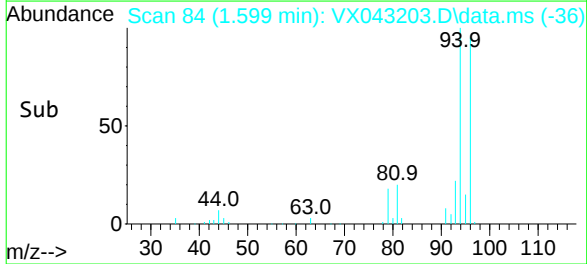
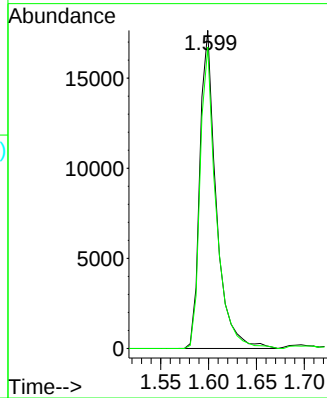
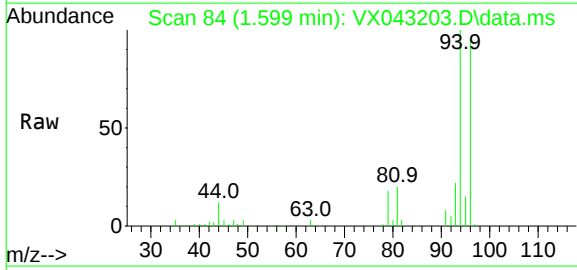
#5
Bromomethane
Concen: 32.389 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
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Tgt Ion: 94 Resp: 20887
Ion Ratio Lower Upper
94 100
96 94.8 76.2 114.4

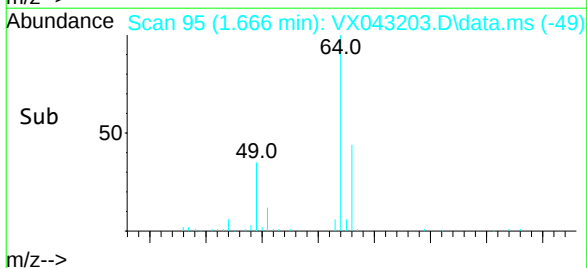
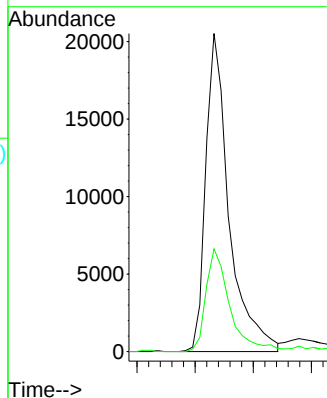
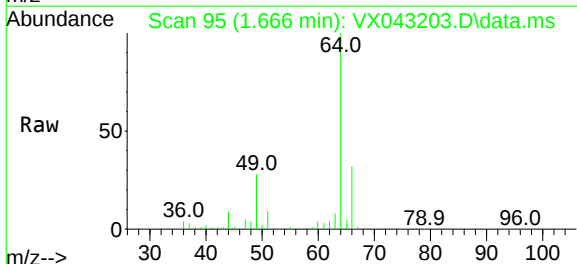
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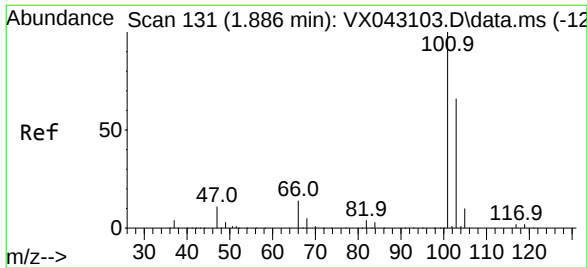
Reviewed By :John Carlone 10/01/2024
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#6
Chloroethane
Concen: 39.780 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 64 Resp: 28550
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.6





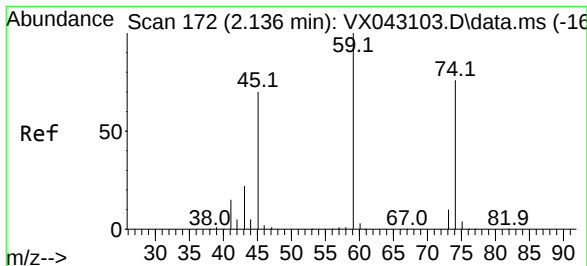
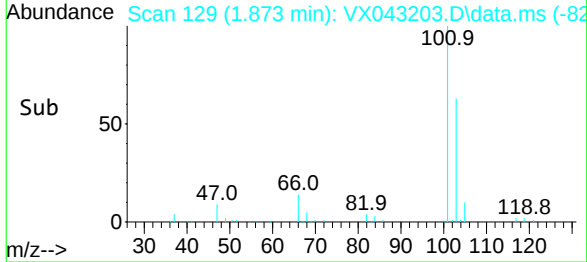
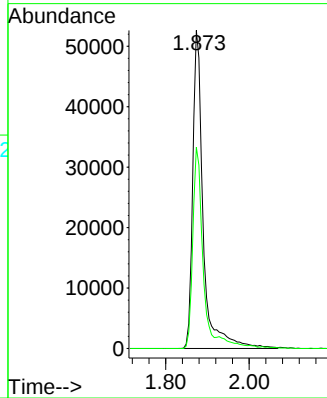
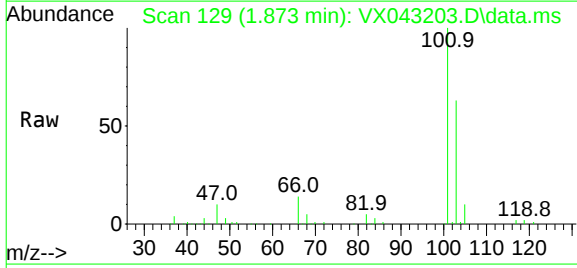
#7
Trichlorofluoromethane
Concen: 46.205 ug/l
RT: 1.873 min Scan# 129
Delta R.T. -0.012 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 91934
Ion Ratio Lower Upper
101 100
103 63.3 52.4 78.6

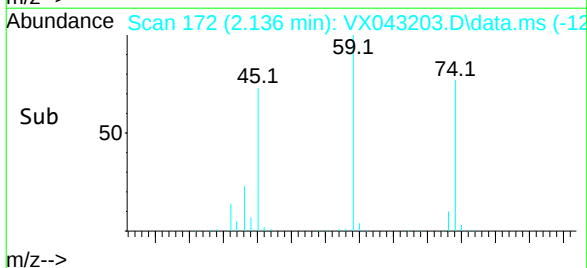
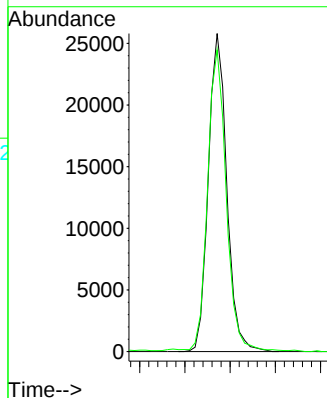
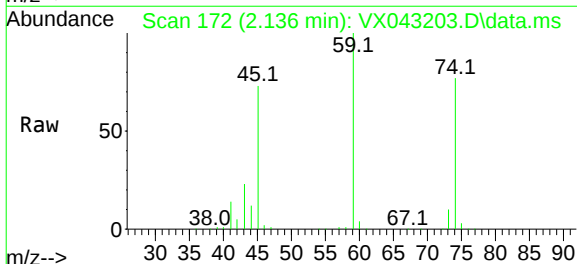
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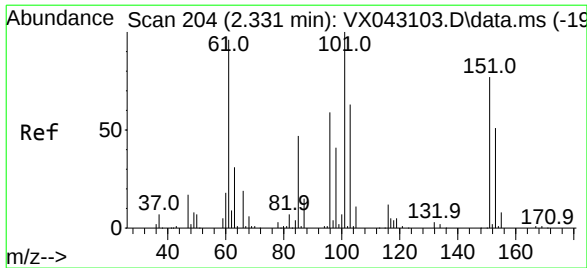
Reviewed By :John Carlone 10/01/2024
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#8
Diethyl Ether
Concen: 54.770 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

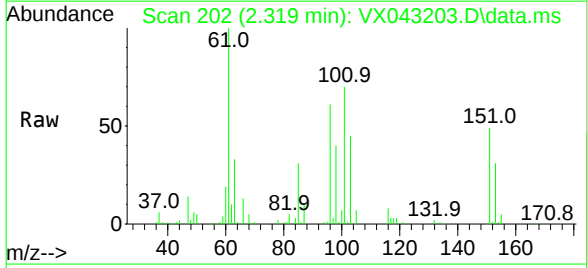
Tgt Ion: 74 Resp: 36588
Ion Ratio Lower Upper
74 100
45 96.4 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.094 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX043203.D
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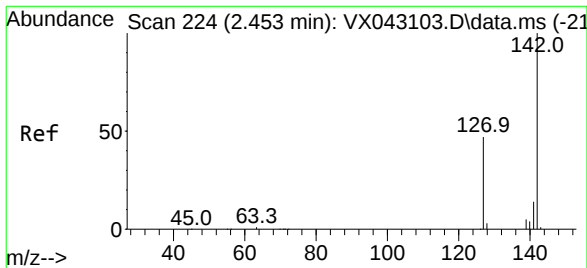
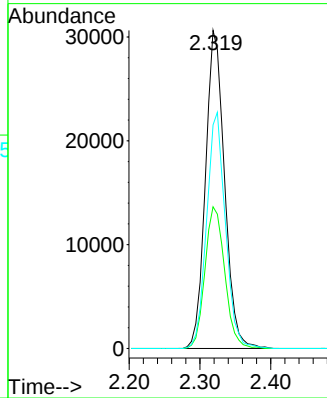
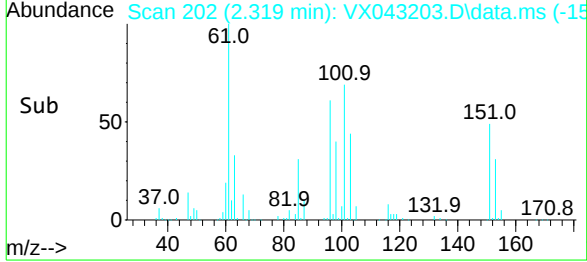
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 57381
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.4
151 73.1 60.2 90.4

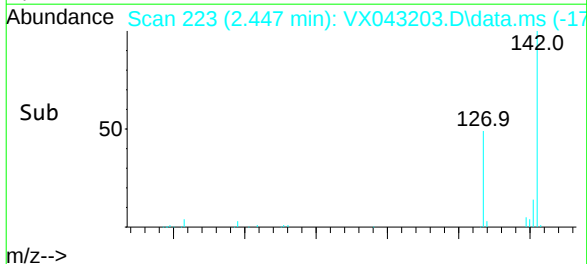
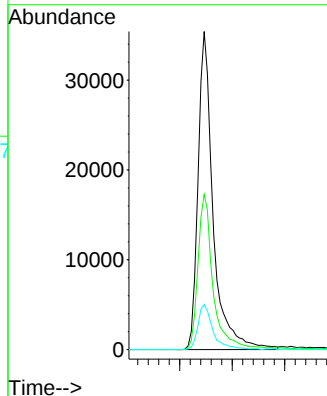
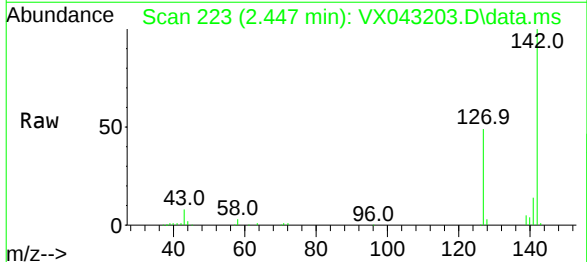
Manual Integrations
APPROVED

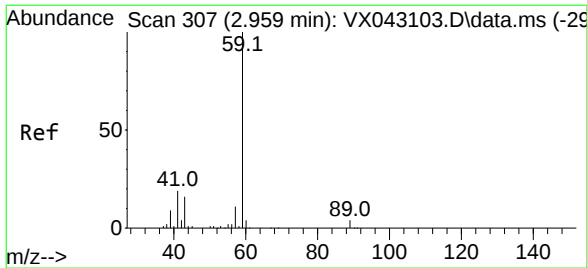
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 52.848 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

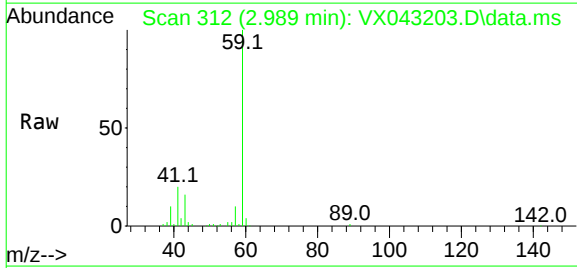
Tgt Ion:142 Resp: 70542
Ion Ratio Lower Upper
142 100
127 48.9 38.9 58.3
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 252.980 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

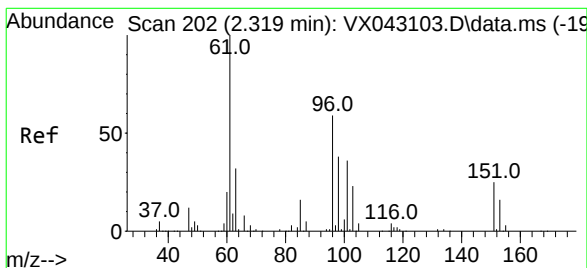
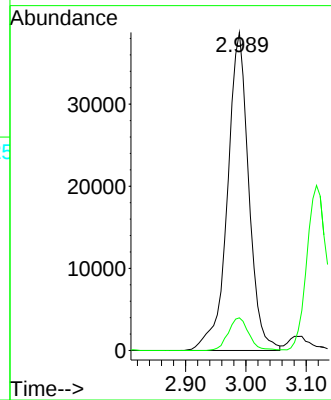
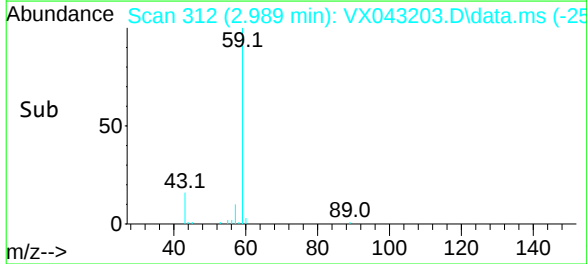
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 95096
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0

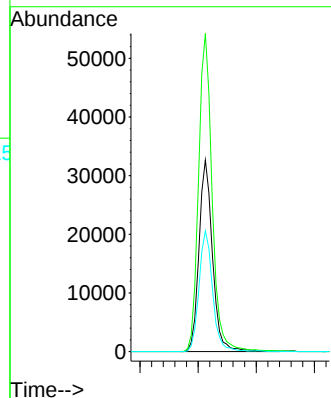
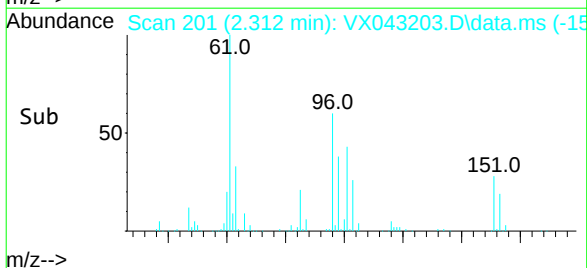
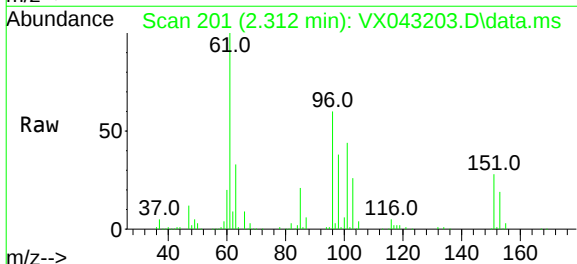
Manual Integrations
APPROVED

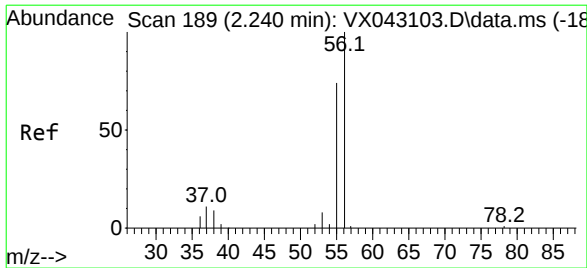
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#12
1,1-Dichloroethene
Concen: 49.166 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 96 Resp: 52814
Ion Ratio Lower Upper
96 100
61 166.0 134.7 202.1
98 63.0 51.6 77.4





#13

Acrolein

Concen: 194.592 ug/l

RT: 2.239 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

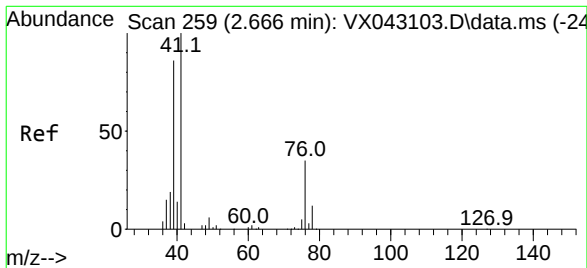
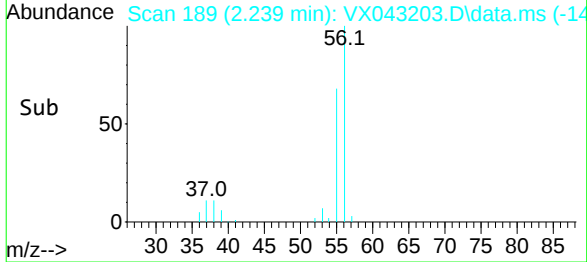
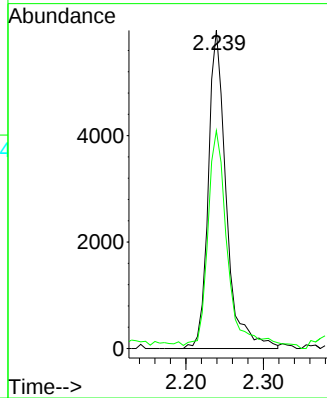
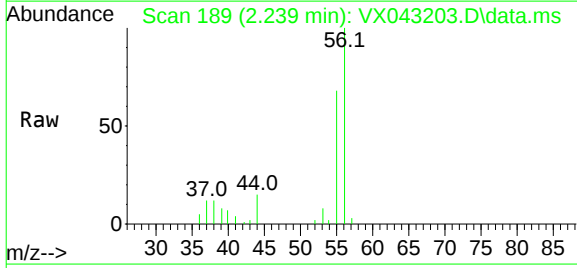
Tgt Ion:	56	Resp:	9637
Ion	Ratio	Lower	Upper
56	100		
55	76.7	55.8	83.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 47.682 ug/l

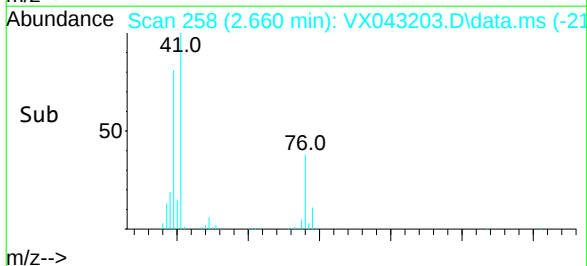
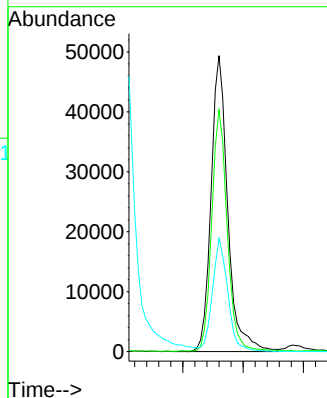
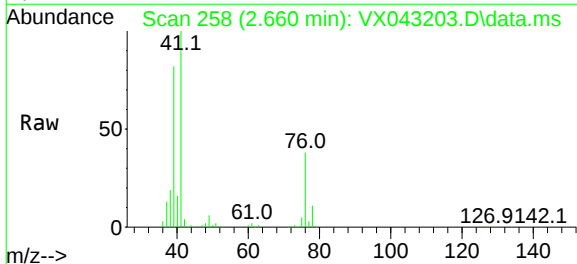
RT: 2.660 min Scan# 258

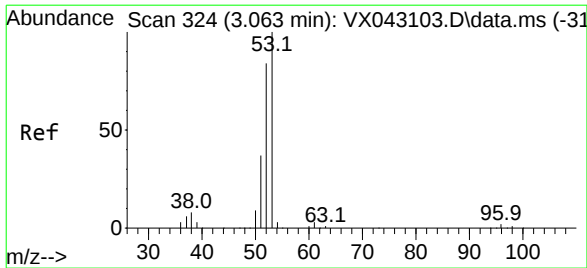
Delta R.T. -0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

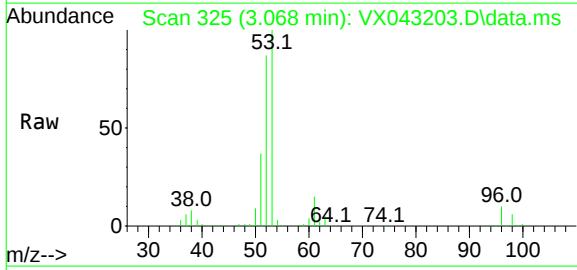
Tgt Ion:	41	Resp:	95109
Ion	Ratio	Lower	Upper
41	100		
39	75.6	61.7	92.5
76	35.2	29.0	43.6





#15
Acrylonitrile
Concen: 272.480 ug/l
RT: 3.068 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

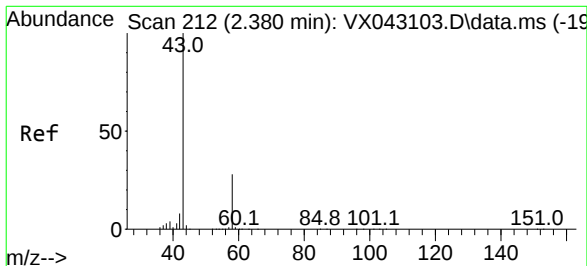
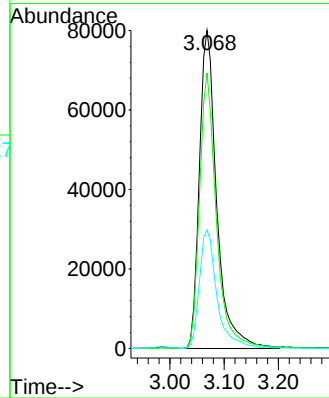
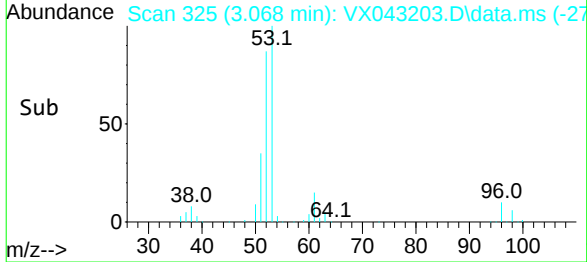
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 177672
Ion Ratio Lower Upper
53 100
52 84.1 67.8 101.6
51 38.3 30.6 45.8

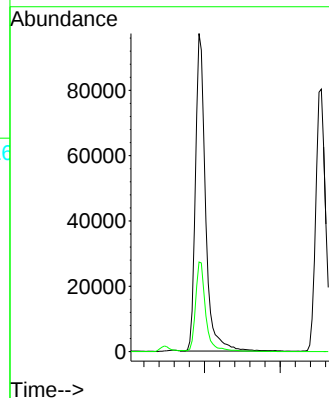
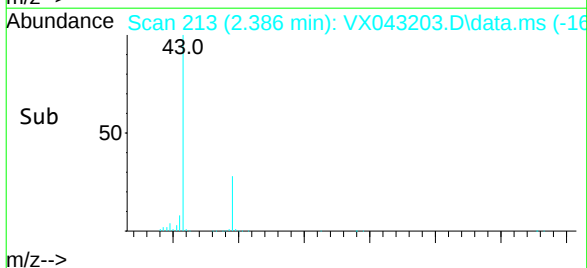
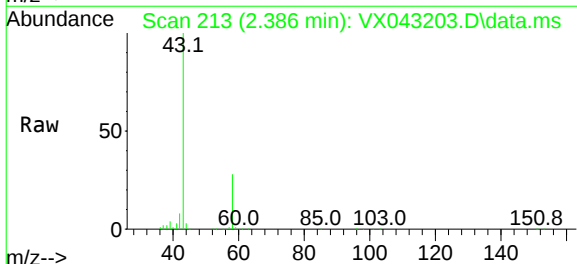
Manual Integrations
APPROVED

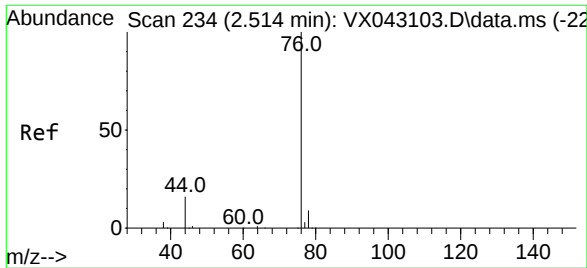
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 228.198 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 43 Resp: 179672
Ion Ratio Lower Upper
43 100
58 28.2 22.6 34.0





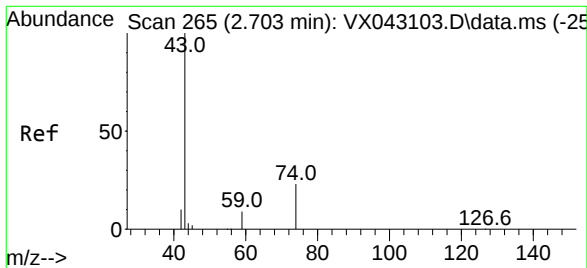
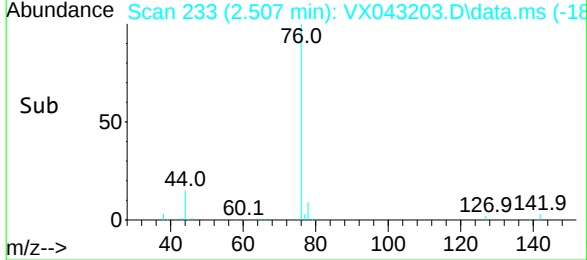
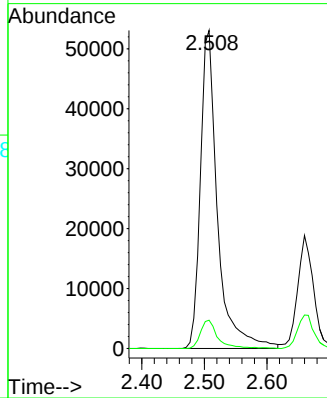
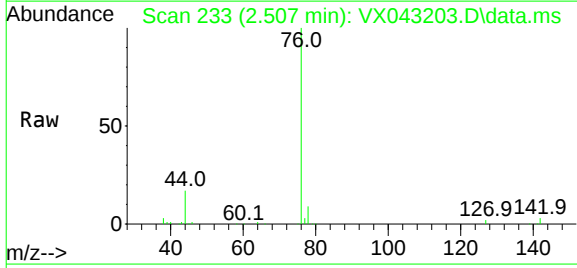
#17
Carbon Disulfide
Concen: 37.615 ug/l
RT: 2.507 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 100438
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

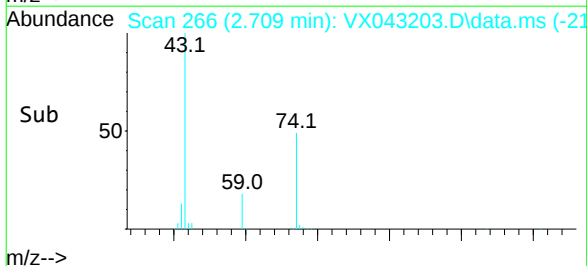
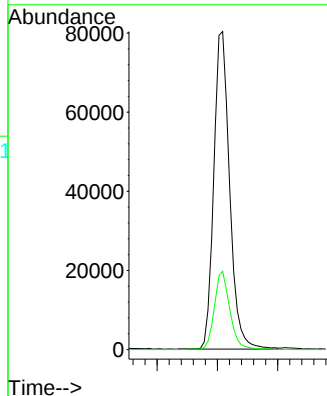
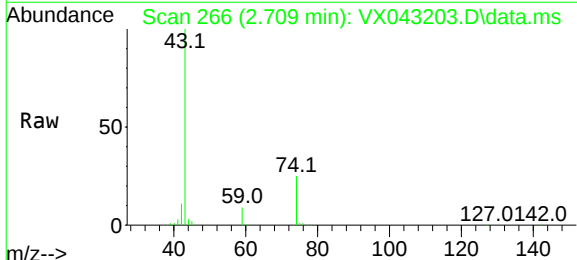
Manual Integrations
APPROVED

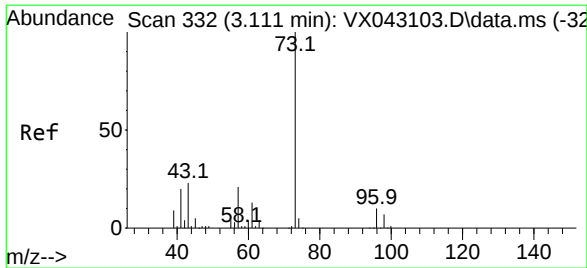
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 69.138 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

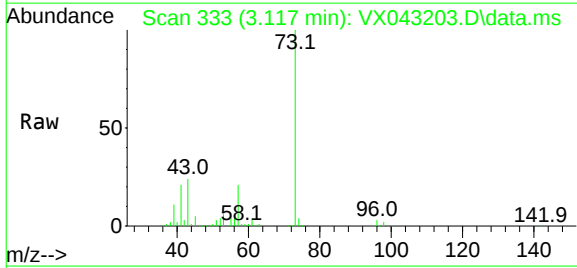
Tgt Ion: 43 Resp: 146516
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 54.144 ug/l
RT: 3.117 min Scan# 33
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

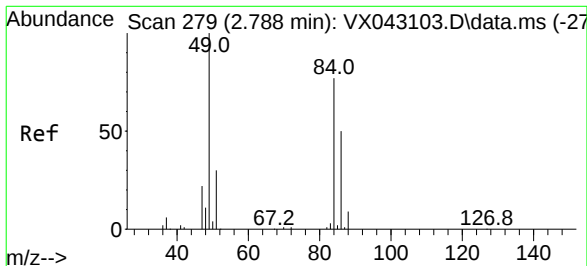
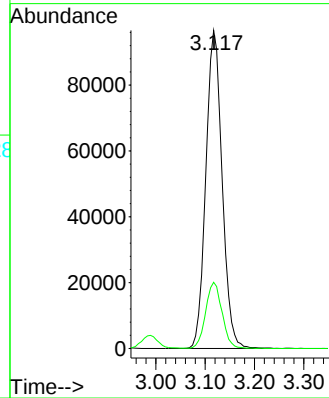
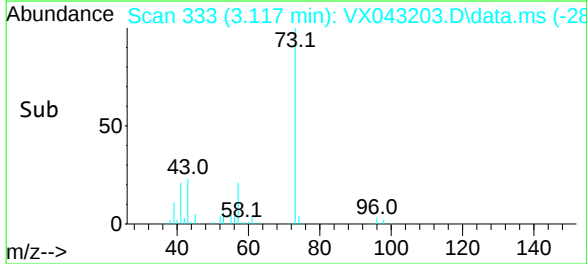
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 221617
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4

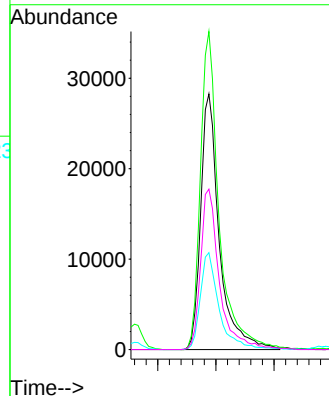
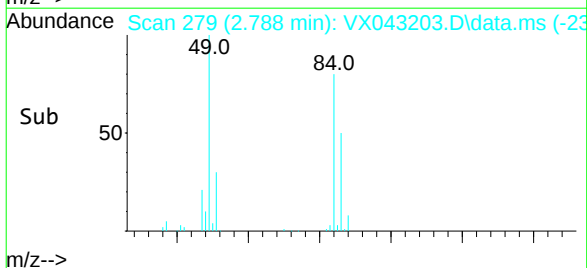
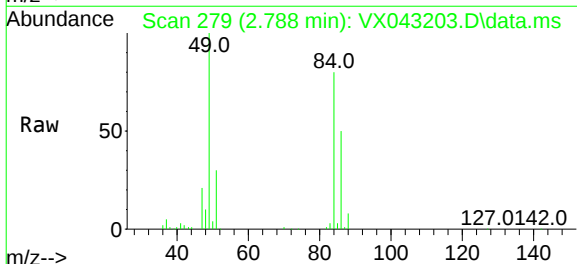
Manual Integrations
APPROVED

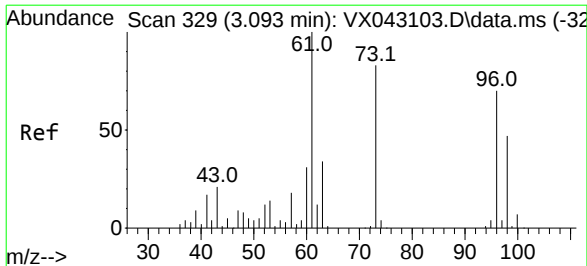
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 50.256 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

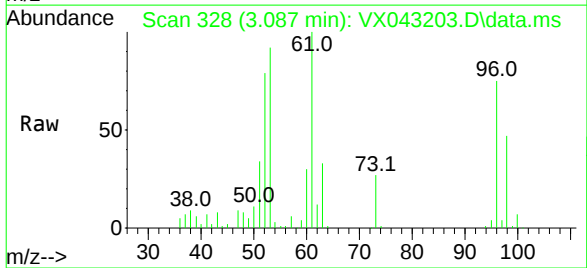
Tgt Ion: 84 Resp: 62953
Ion Ratio Lower Upper
84 100
49 124.4 104.1 156.1
51 37.9 31.1 46.7
86 62.8 52.1 78.1





#21
trans-1,2-Dichloroethene
Concen: 48.341 ug/l
RT: 3.087 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

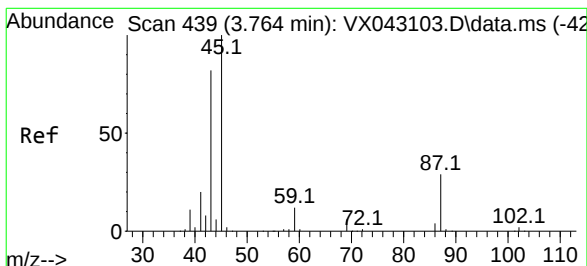
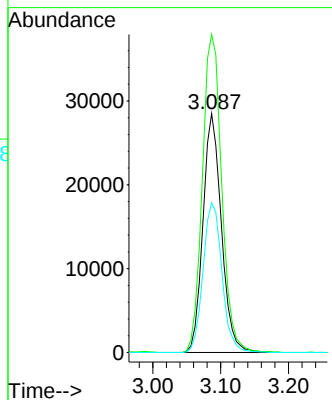
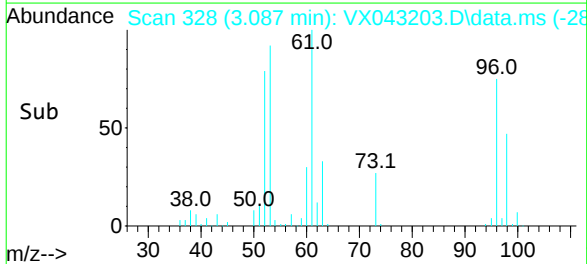
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



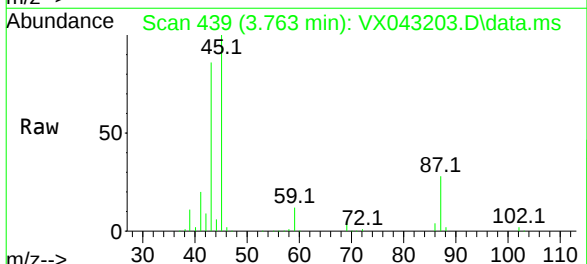
Tgt Ion: 96 Resp: 53731
Ion Ratio Lower Upper
96 100
61 133.1 114.5 171.7
98 62.6 53.8 80.6

Manual Integrations
APPROVED

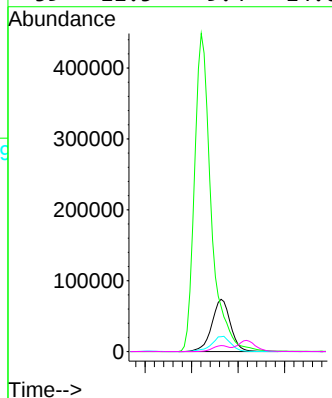
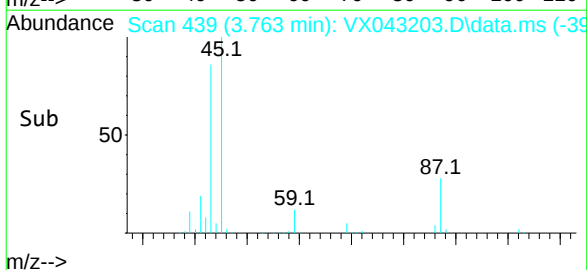
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

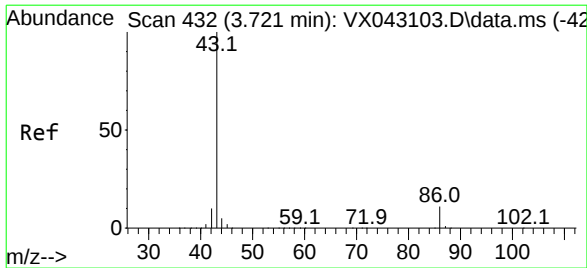


#22
Diisopropyl ether
Concen: 55.018 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01



Tgt Ion: 45 Resp: 205486
Ion Ratio Lower Upper
45 100
43 86.3 65.8 98.6
87 28.4 23.1 34.7
59 11.5 9.4 14.0





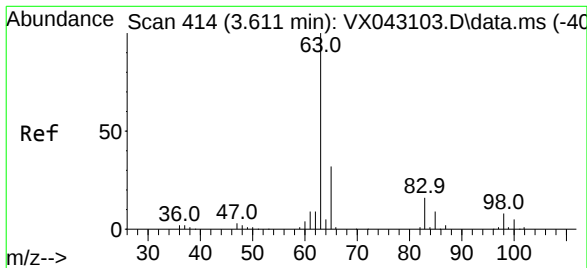
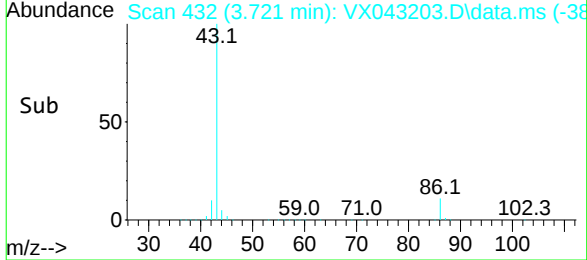
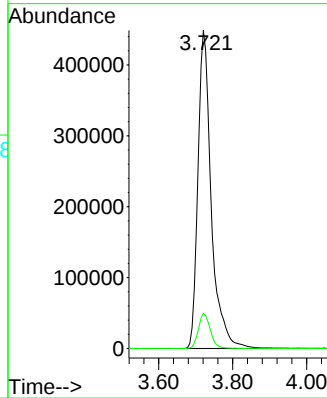
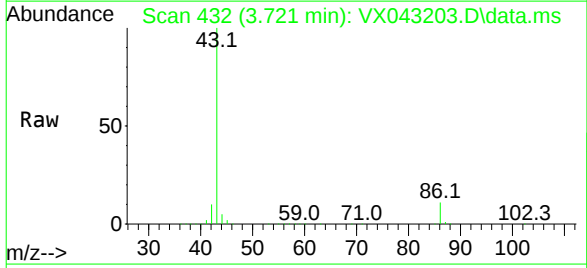
#23
 Vinyl Acetate
 Concen: 255.481 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1122472
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

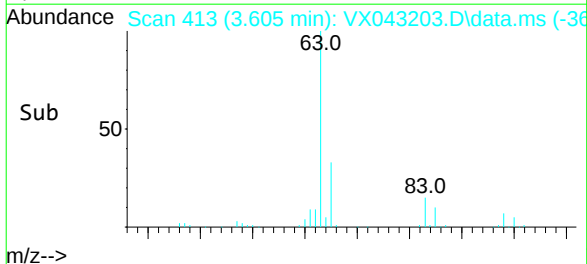
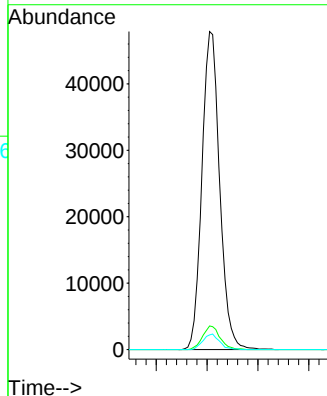
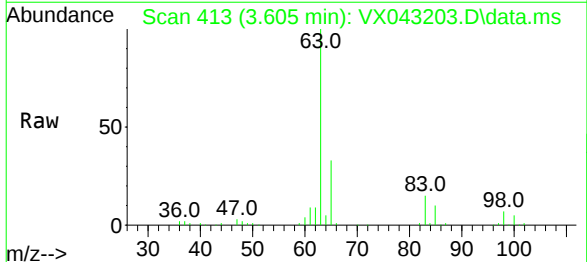
Manual Integrations
 APPROVED

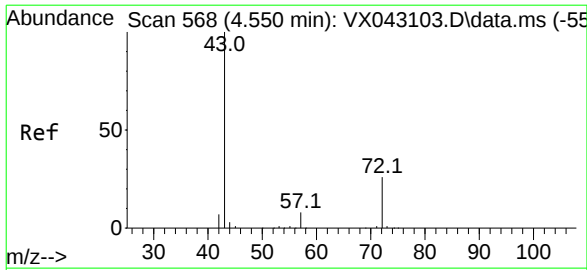
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#24
 1,1-Dichloroethane
 Concen: 53.717 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Tgt Ion: 63 Resp: 115997
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.6 2.5 7.6





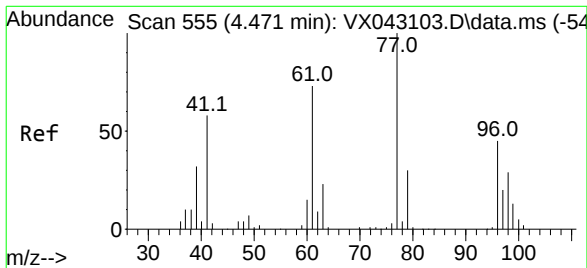
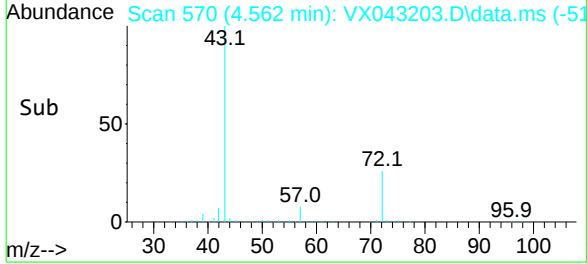
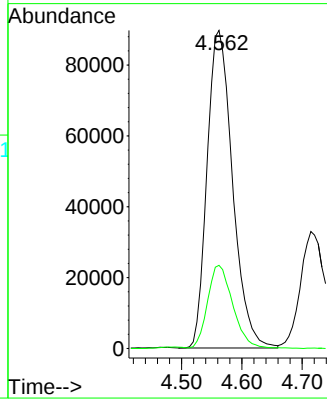
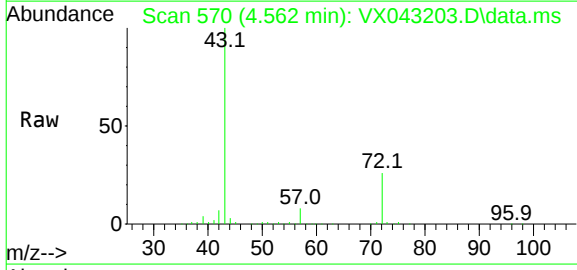
#25
2-Butanone
Concen: 259.528 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 263407
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1

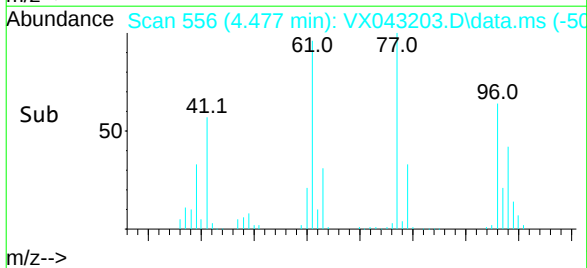
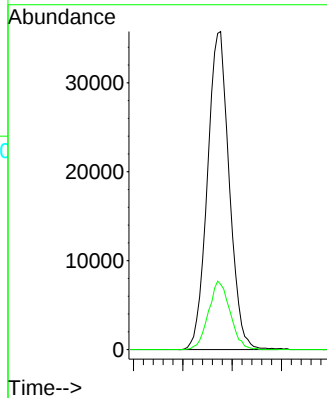
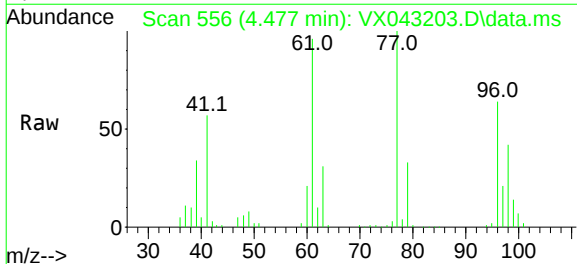
Manual Integrations
APPROVED

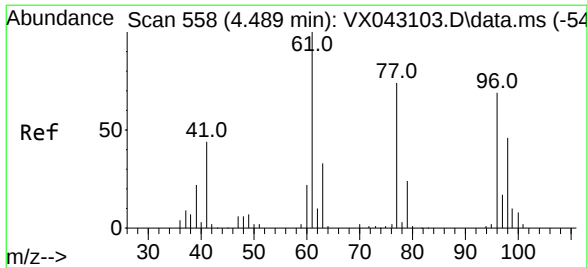
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 50.169 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 77 Resp: 109649
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.421 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

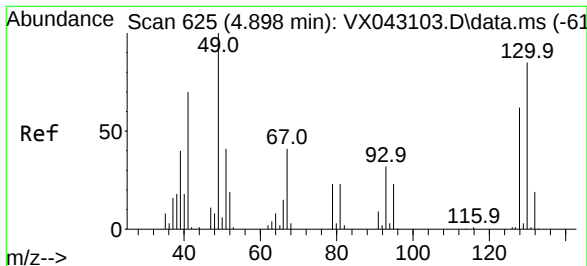
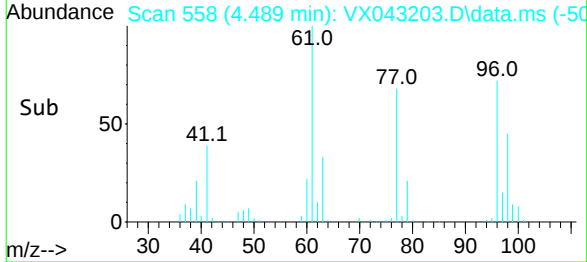
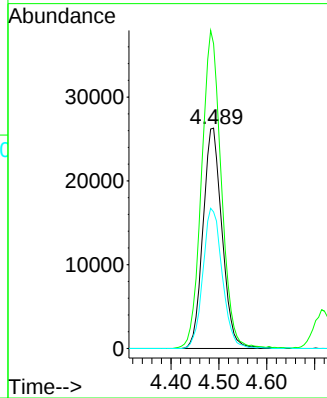
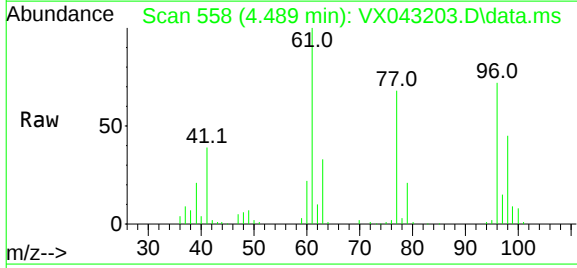
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 72536
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 297.8
 98 64.6 0.0 131.2

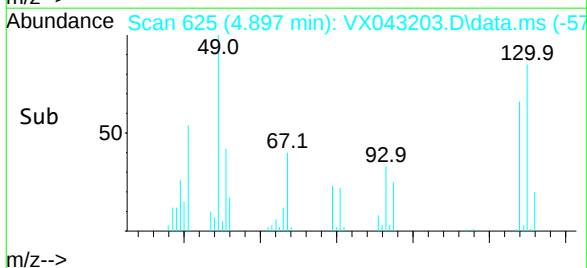
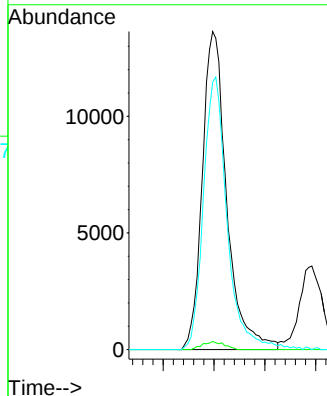
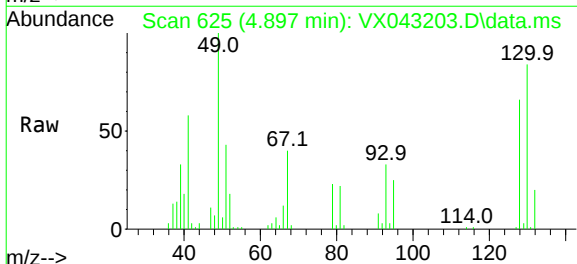
Manual Integrations
 APPROVED

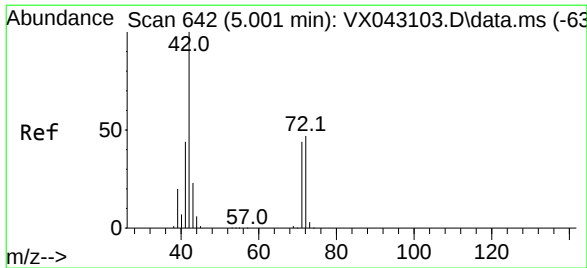
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 47.839 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Tgt Ion: 49 Resp: 45474
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.4 66.6 100.0





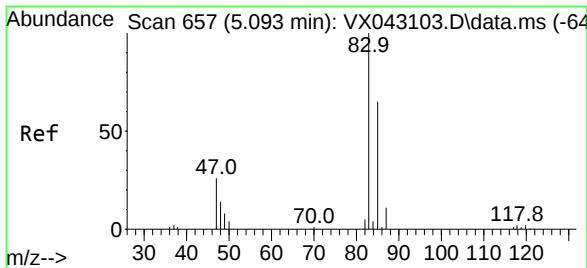
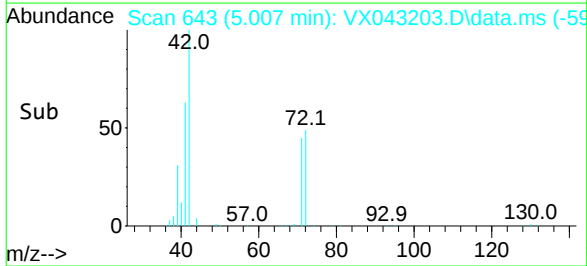
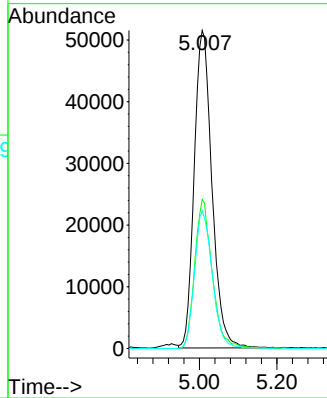
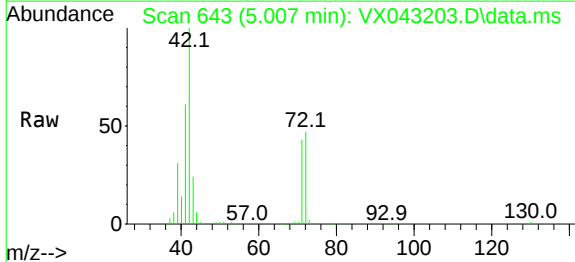
#29
Tetrahydrofuran
Concen: 267.902 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 163523
Ion Ratio Lower Upper
42 100
72 46.5 37.6 56.4
71 43.2 34.8 52.2

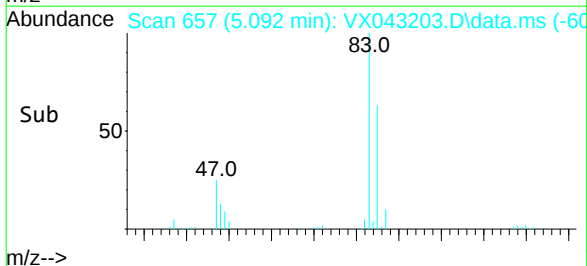
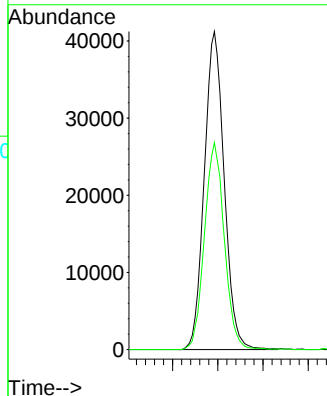
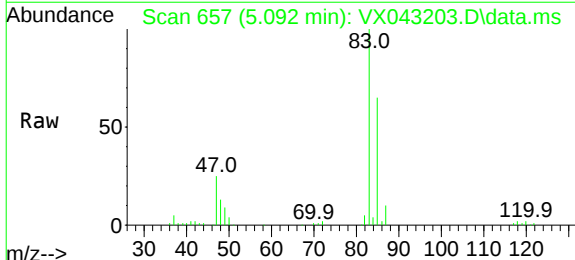
Manual Integrations
APPROVED

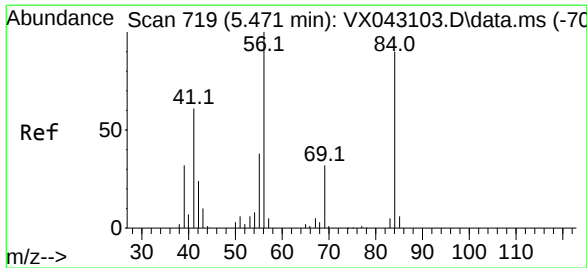
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 52.930 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 83 Resp: 126024
Ion Ratio Lower Upper
83 100
85 65.0 52.4 78.6





#31

Cyclohexane

Concen: 47.961 ug/l

RT: 5.464 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

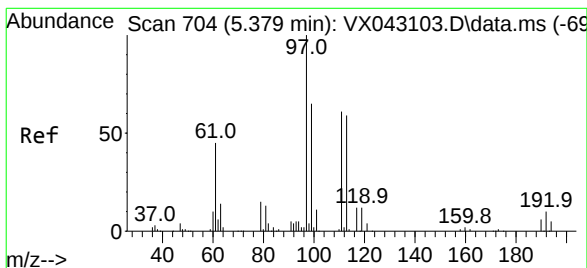
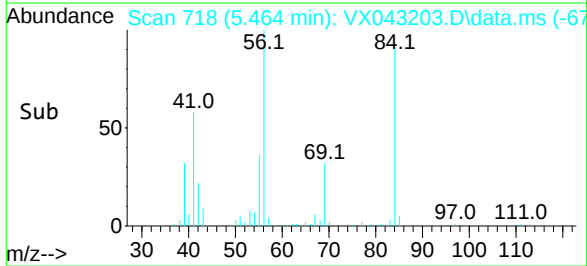
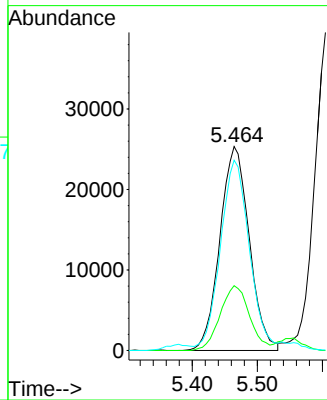
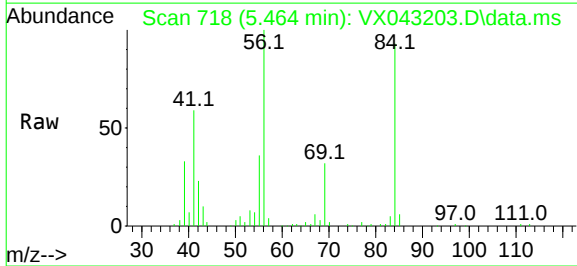
Tgt Ion:	56	Resp:	79410
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.8	38.6
84	90.2	72.4	108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#32

1,1,1-Trichloroethane

Concen: 50.412 ug/l

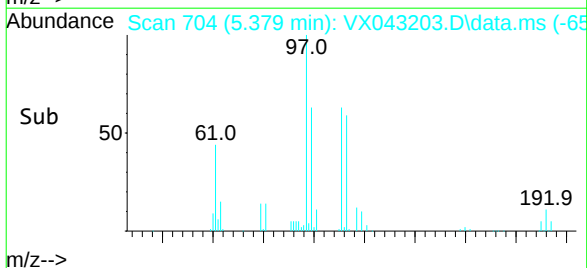
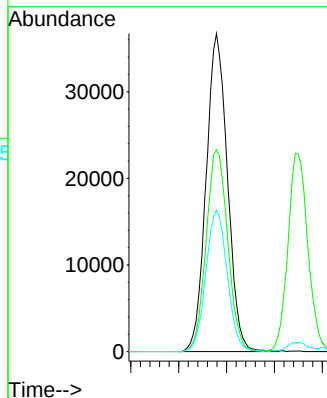
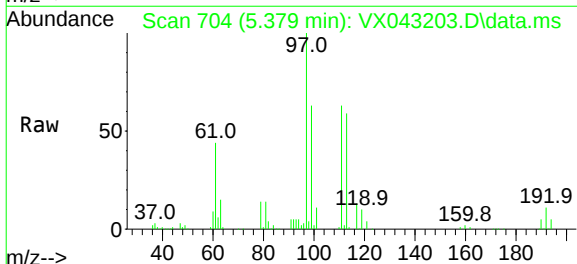
RT: 5.379 min Scan# 704

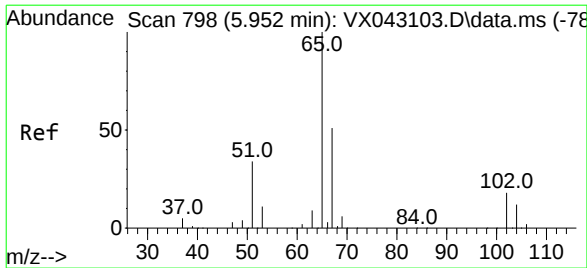
Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	97	Resp:	113698
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	44.7	35.1	52.7





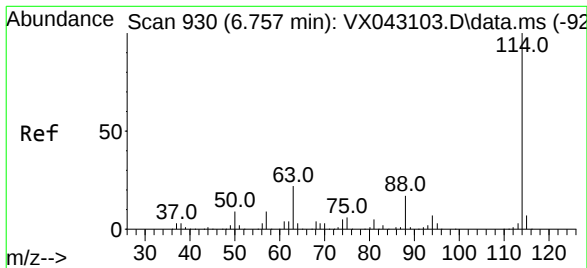
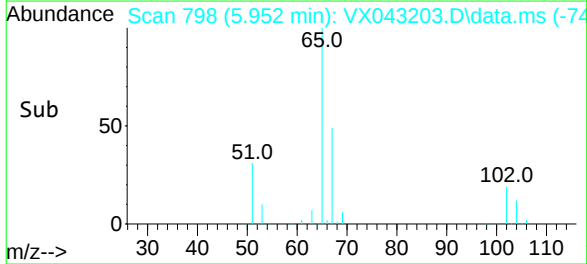
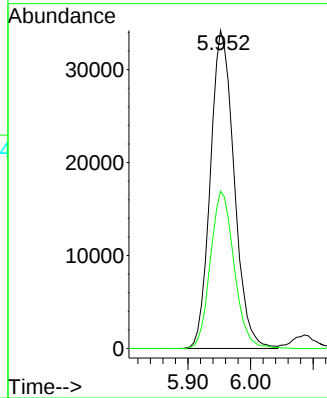
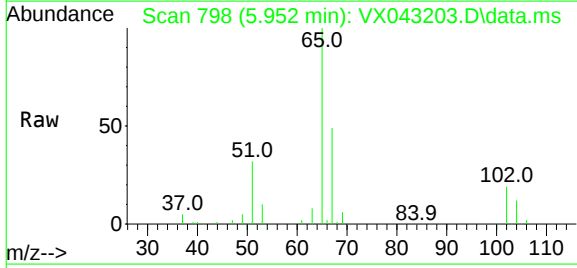
#33
1,2-Dichloroethane-d4
Concen: 53.603 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 90245
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

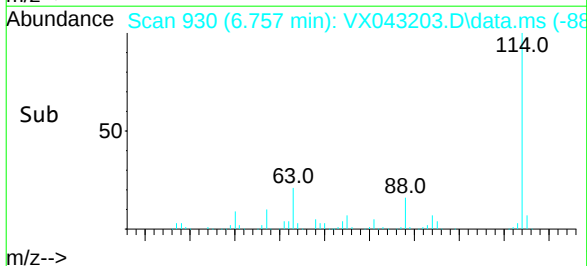
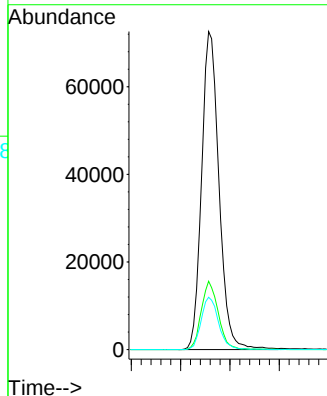
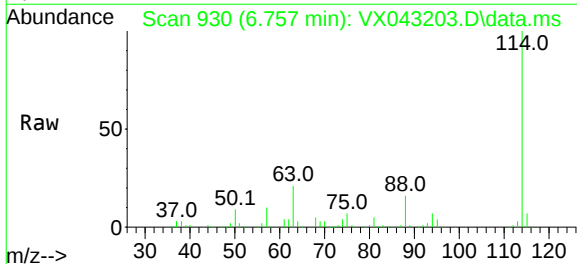
Manual Integrations
APPROVED

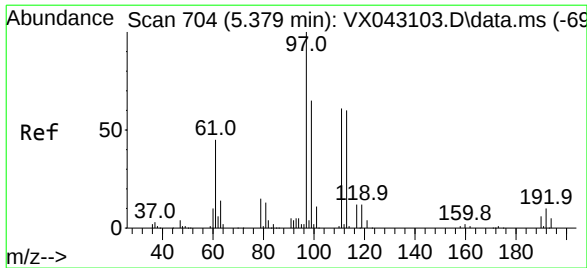
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

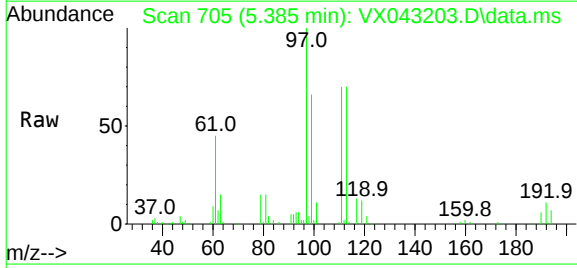
Tgt Ion:114 Resp: 177903
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 54.465 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

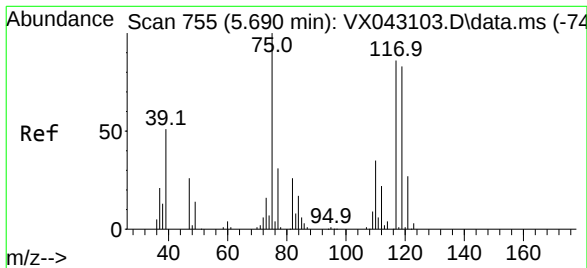
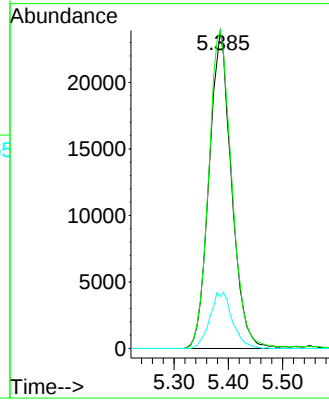
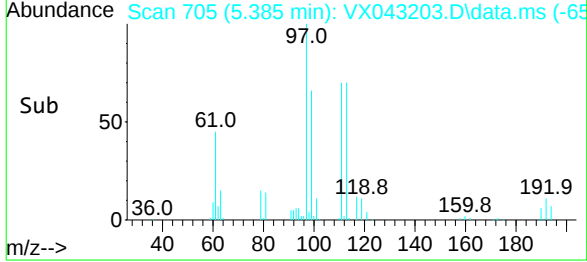
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 68353
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.8 14.6 22.0

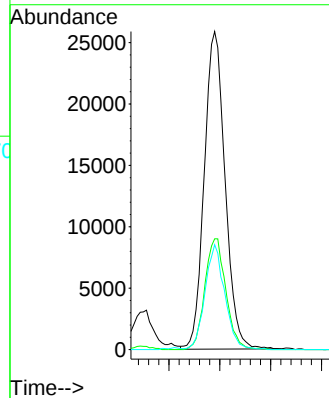
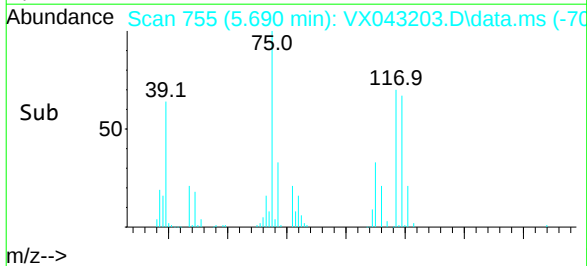
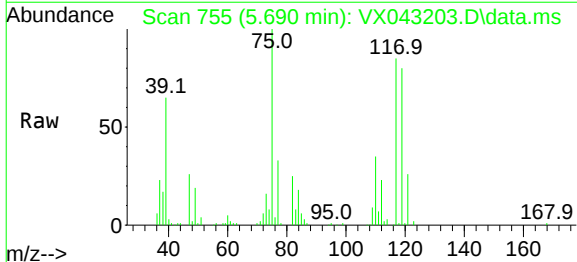
Manual Integrations
APPROVED

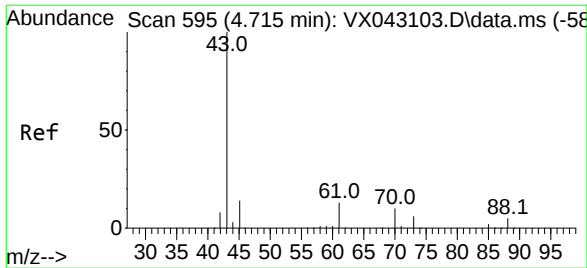
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#36
1,1-Dichloropropene
Concen: 47.715 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 75 Resp: 73581
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.4
77 31.4 25.2 37.8





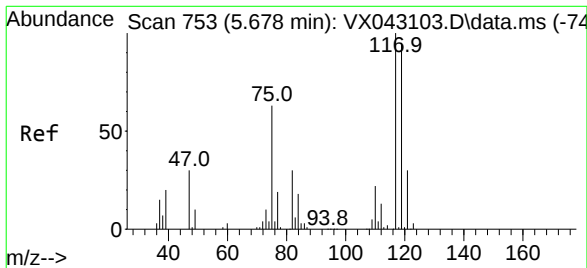
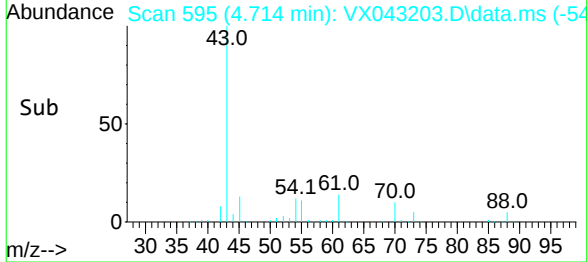
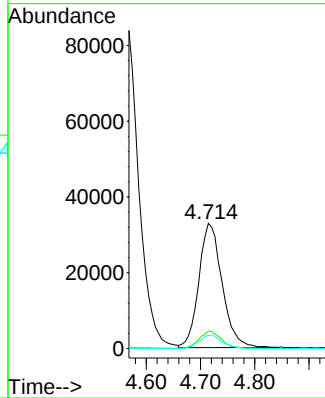
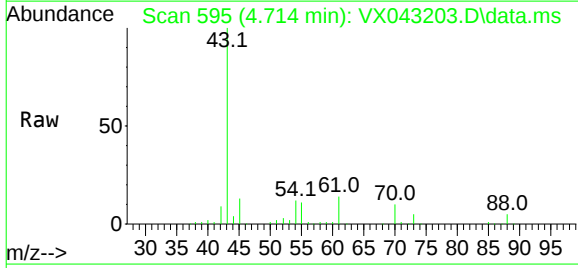
#37
Ethyl Acetate
Concen: 50.250 ug/l
RT: 4.714 min Scan# 59
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	97334
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.7	8.6	13.0

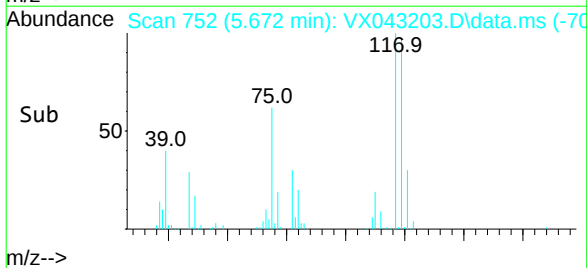
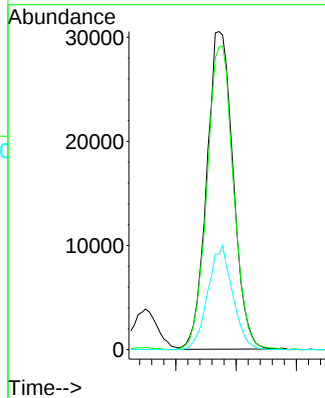
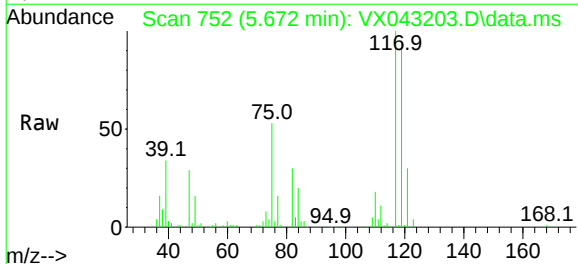
Manual Integrations
APPROVED

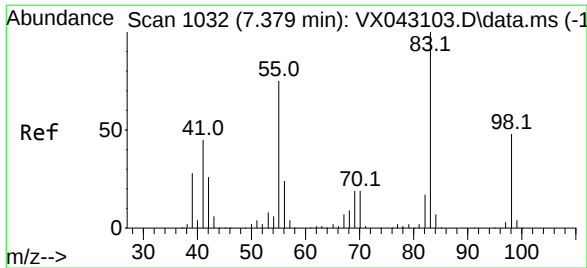
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 46.806 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:	117	Resp:	92979
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
121	30.1	24.2	36.2





#39

Methylcyclohexane

Concen: 45.152 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

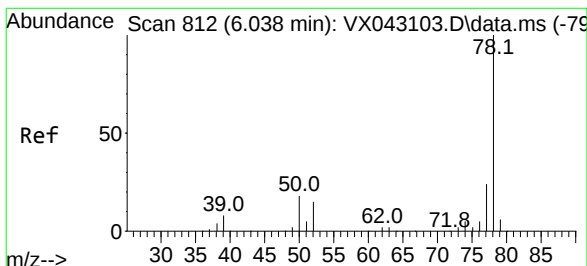
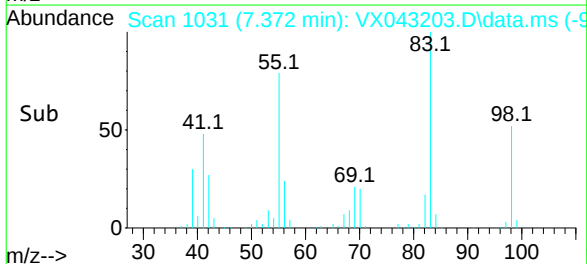
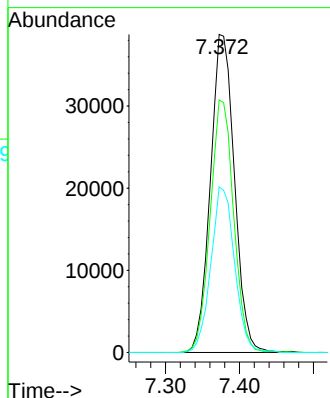
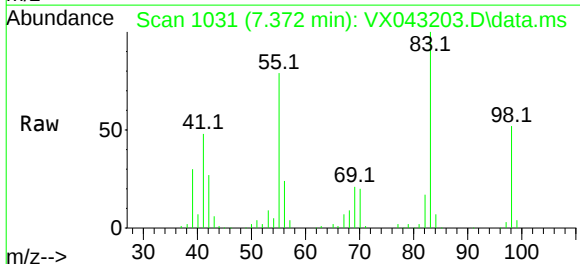
Tgt Ion:	83	Resp:	87383
Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.2	90.4
98	52.1	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#40

Benzene

Concen: 50.702 ug/l

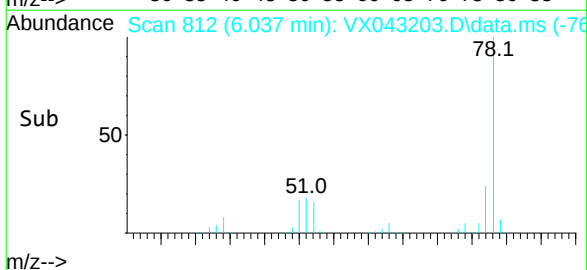
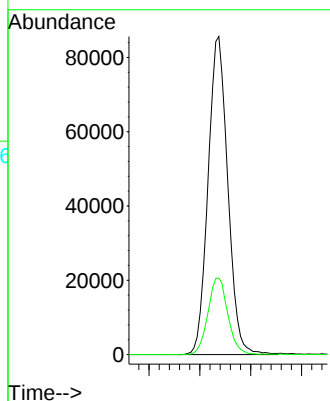
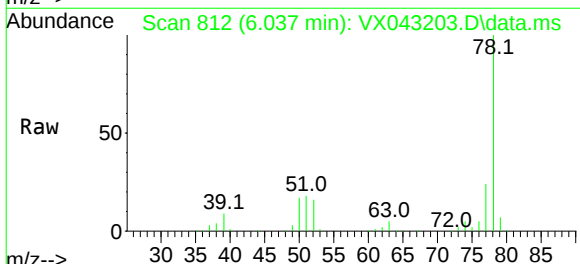
RT: 6.037 min Scan# 812

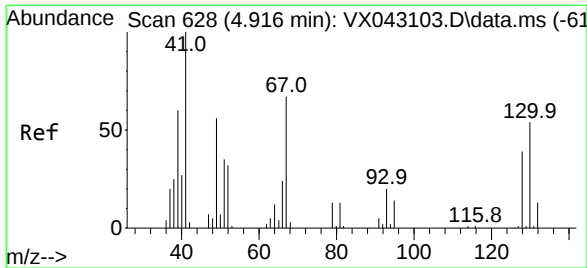
Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	78	Resp:	230712
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





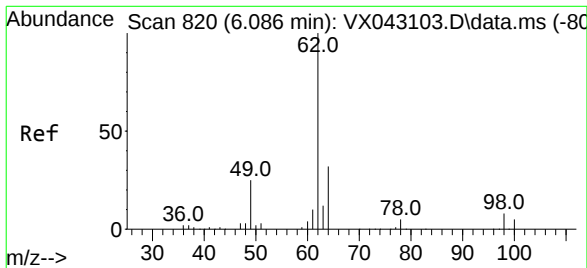
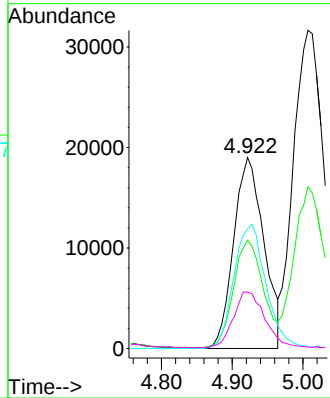
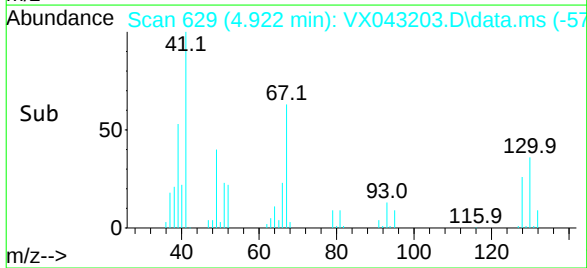
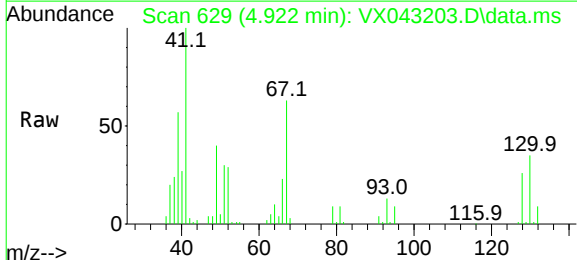
#41
Methacrylonitrile
Concen: 58.762 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	56585
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.8	70.2
67	69.0	57.0	85.6
52	30.4	27.0	40.6

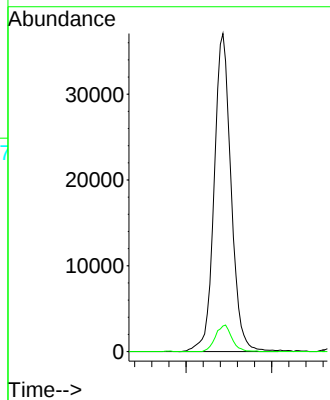
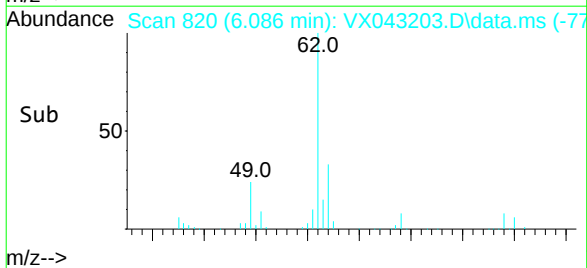
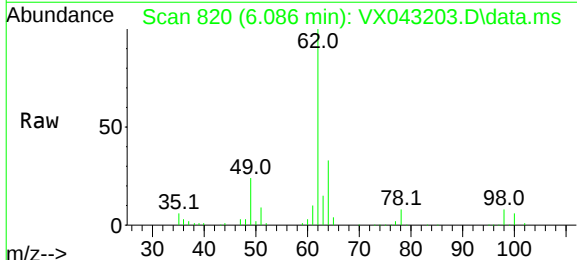
Manual Integrations
APPROVED

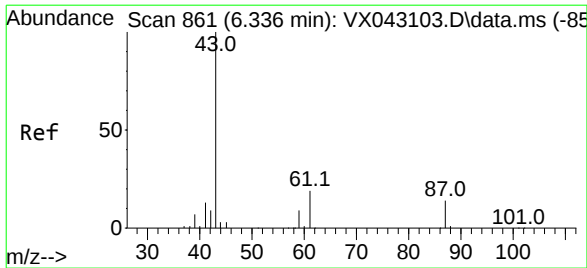
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 52.648 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:	62	Resp:	101722
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





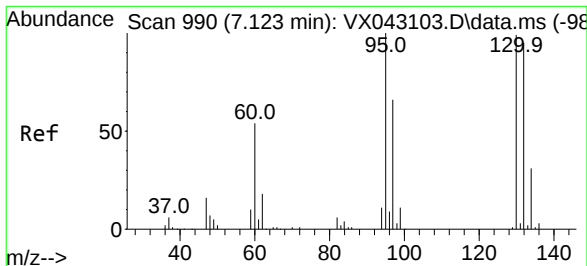
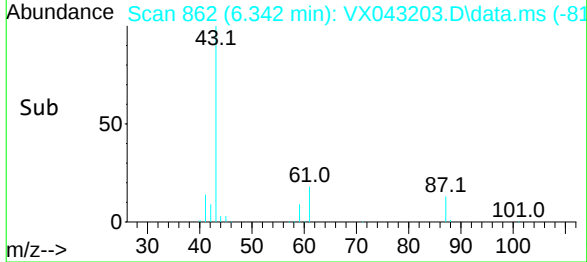
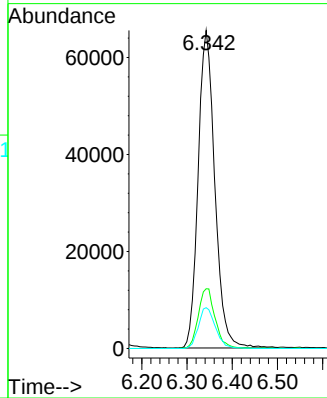
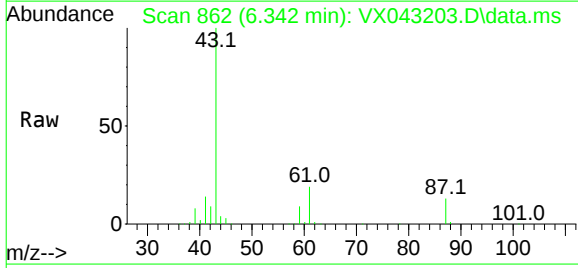
#43
Isopropyl Acetate
Concen: 51.950 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.0	22.6
87	13.1	10.6	16.0

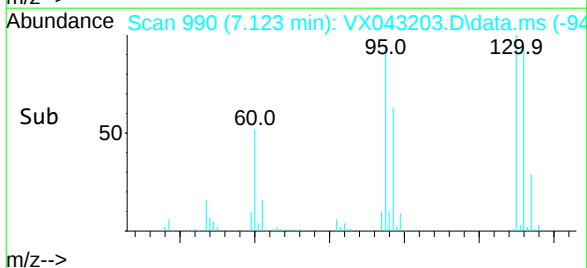
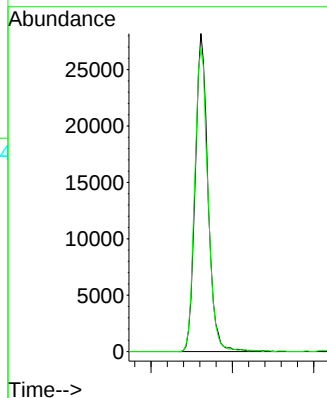
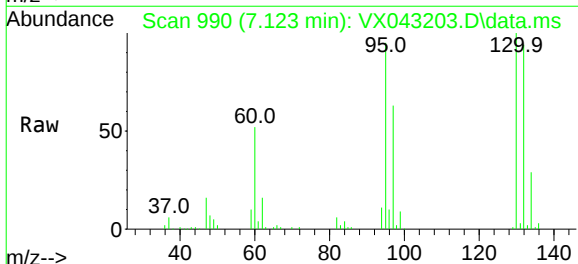
Manual Integrations
APPROVED

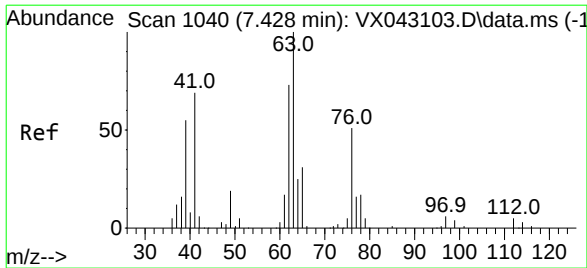
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 49.313 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	201.6





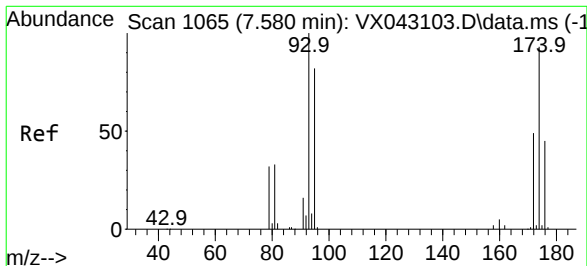
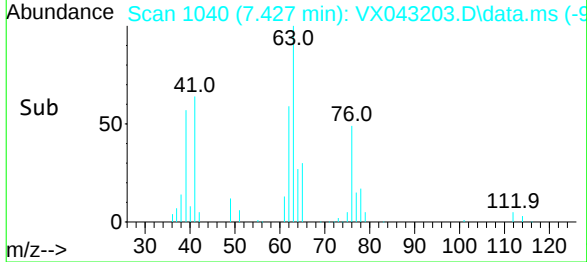
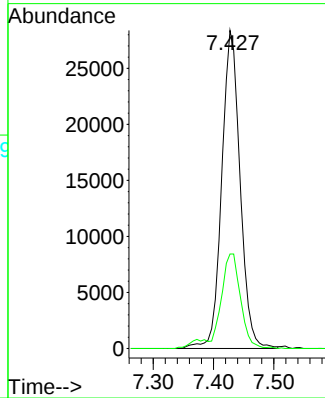
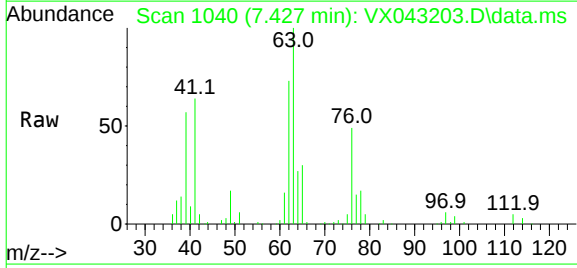
#45
1,2-Dichloropropane
Concen: 53.005 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 60076
Ion Ratio Lower Upper
63 100
65 29.7 25.0 37.6

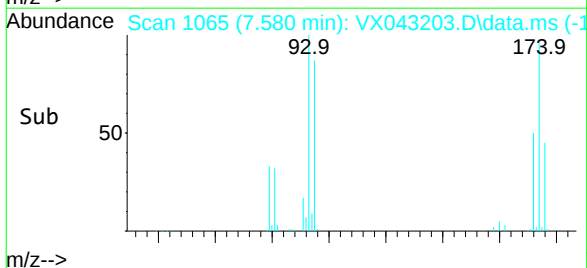
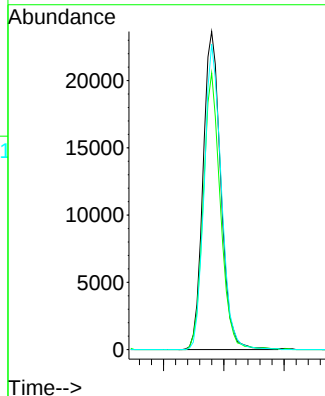
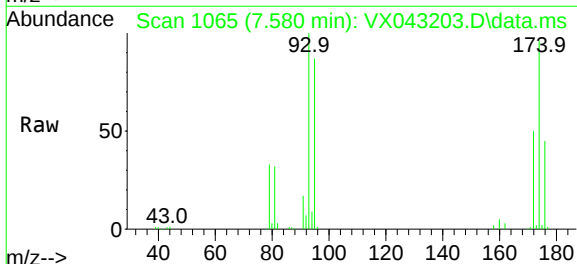
Manual Integrations
APPROVED

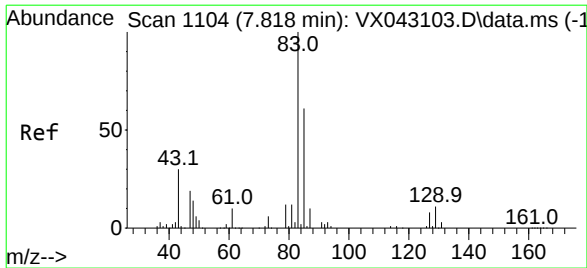
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 50.581 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 93 Resp: 48273
Ion Ratio Lower Upper
93 100
95 83.4 67.1 100.7
174 92.8 75.4 113.2





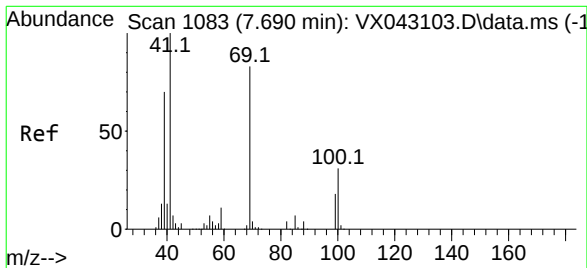
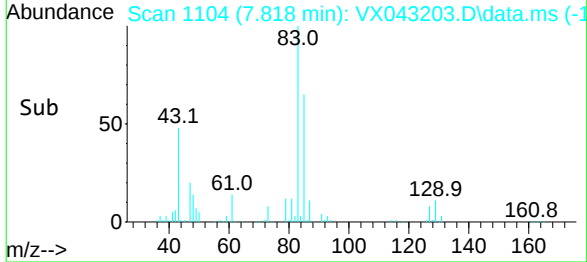
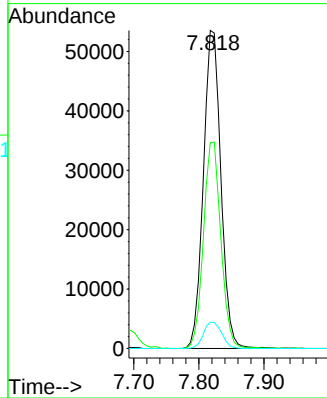
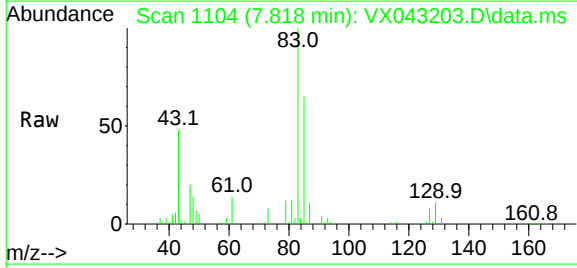
#47
Bromodichloromethane
Concen: 50.472 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 100163
Ion Ratio Lower Upper
83 100
85 64.7 49.1 73.7
127 8.3 6.6 9.8

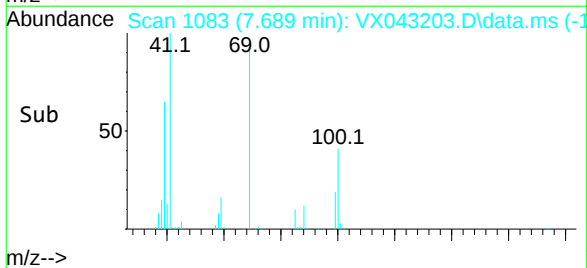
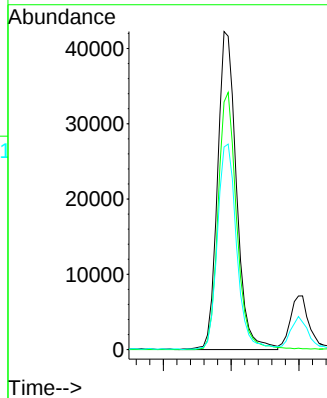
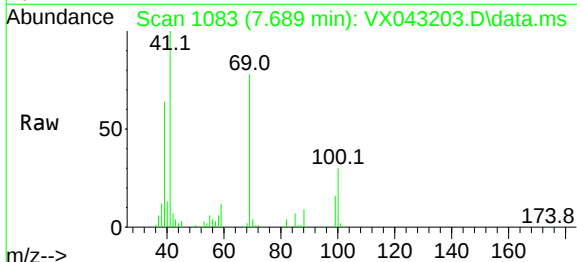
Manual Integrations
APPROVED

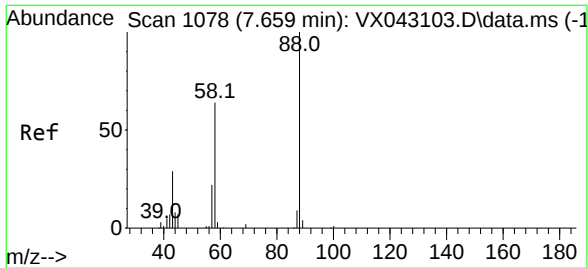
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#48
Methyl methacrylate
Concen: 51.688 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

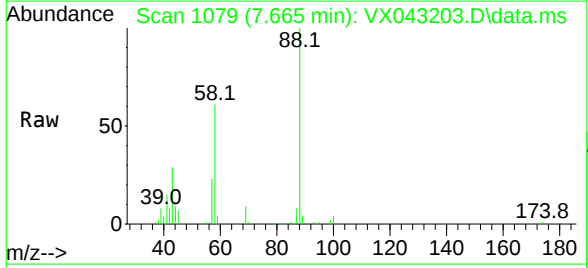
Tgt Ion: 41 Resp: 82137
Ion Ratio Lower Upper
41 100
69 79.3 65.0 97.6
39 65.4 55.0 82.6





#49
1,4-Dioxane
Concen: 1109.551 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

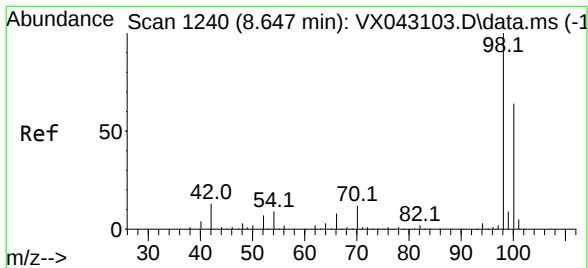
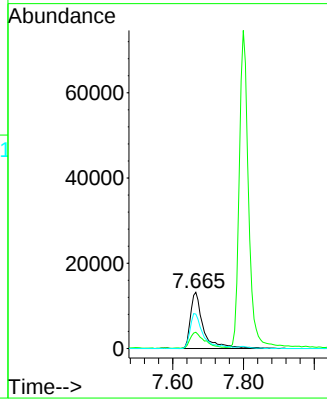
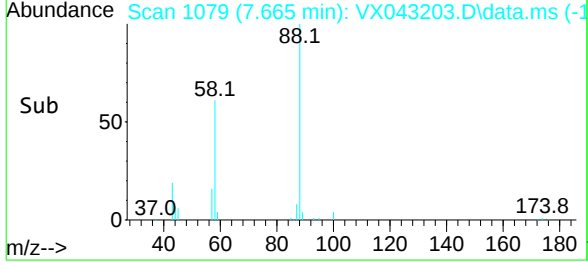
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33285
Ion Ratio Lower Upper
88 100
43 32.0 29.5 44.3
58 59.2 52.5 78.7

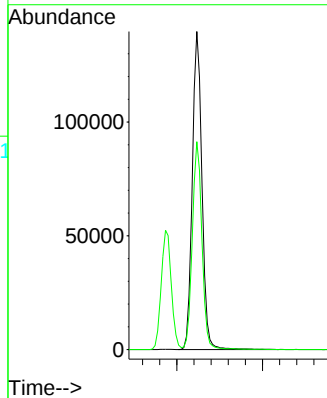
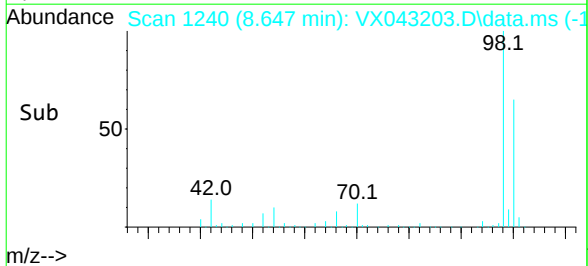
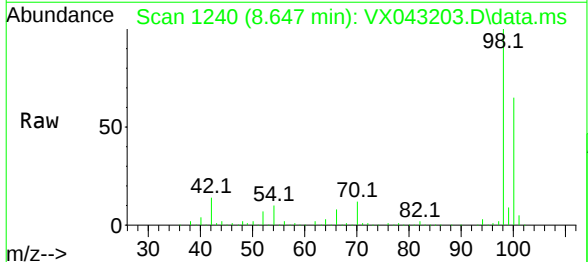
Manual Integrations
APPROVED

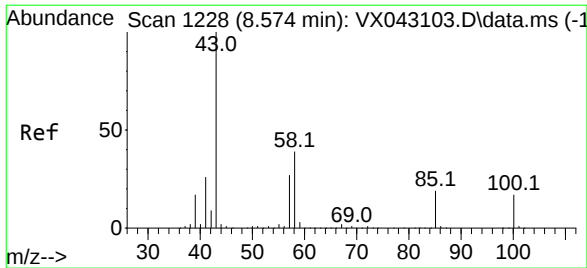
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 51.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 98 Resp: 218966
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





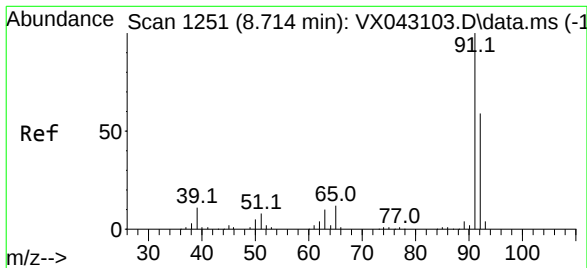
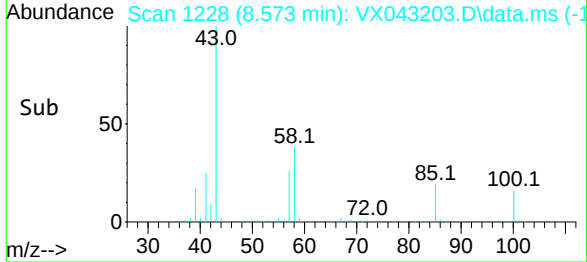
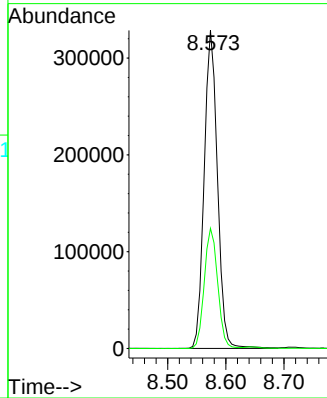
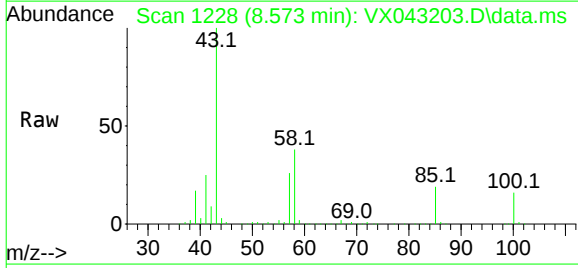
#51
4-Methyl-2-Pentanone
Concen: 262.054 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 520842
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

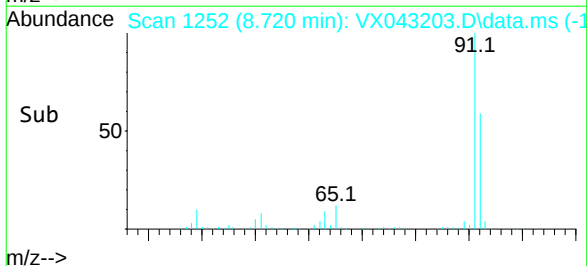
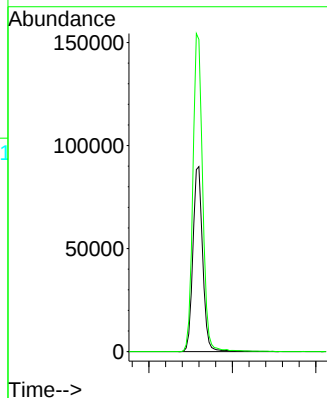
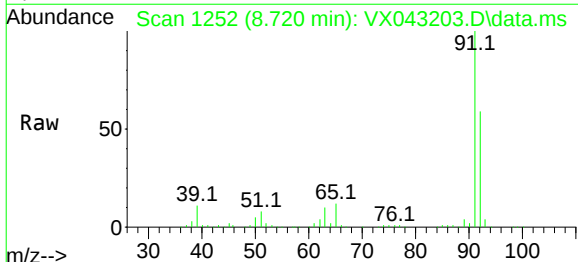
Manual Integrations
APPROVED

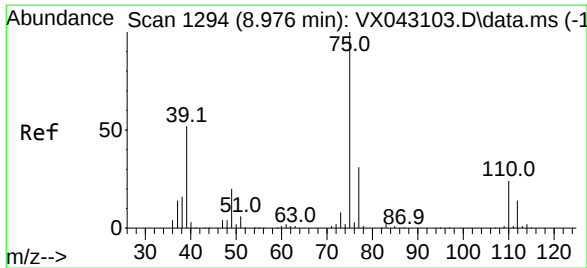
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 49.716 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 92 Resp: 145689
Ion Ratio Lower Upper
92 100
91 172.0 135.9 203.9





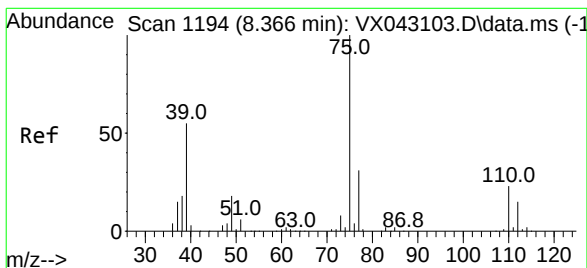
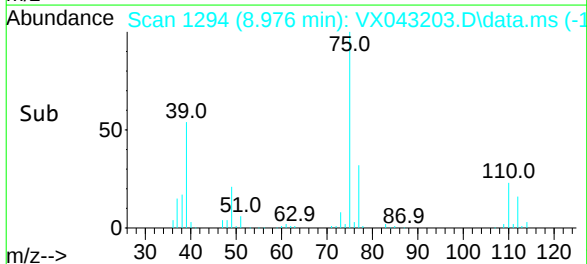
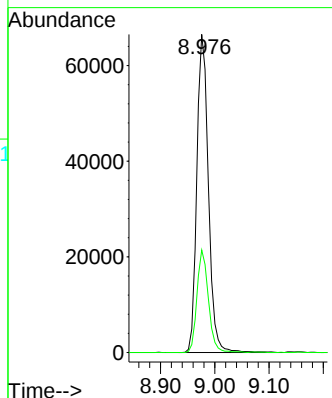
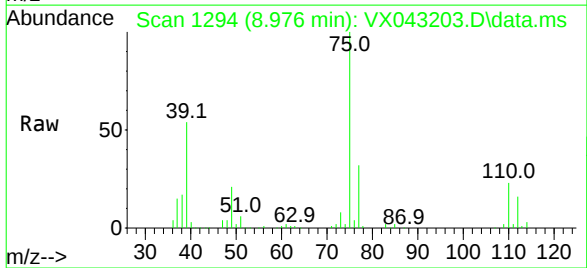
#53
t-1,3-Dichloropropene
Concen: 48.373 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 98546
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6

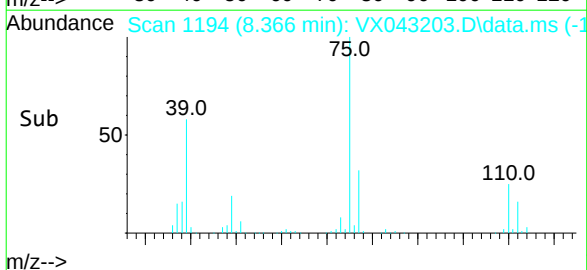
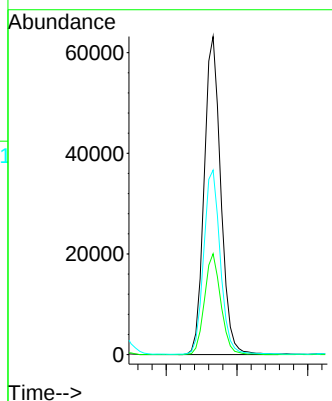
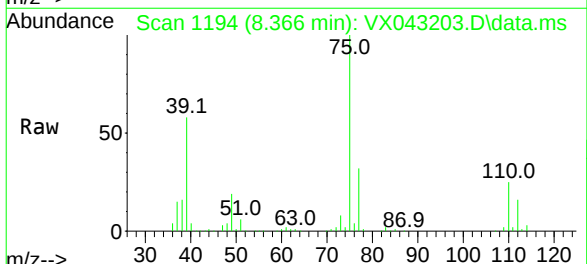
Manual Integrations
APPROVED

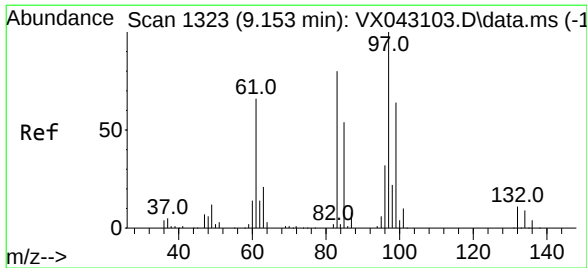
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 50.690 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 75 Resp: 103130
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 57.8 43.8 65.8





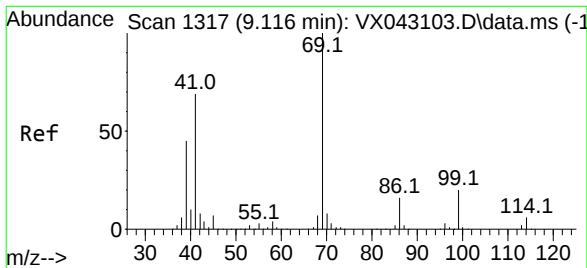
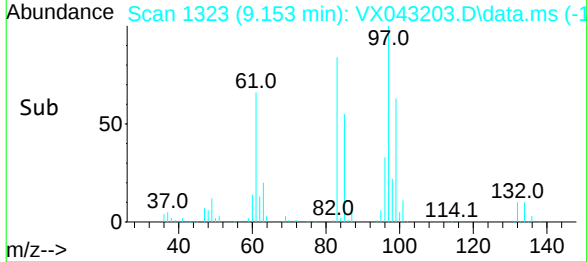
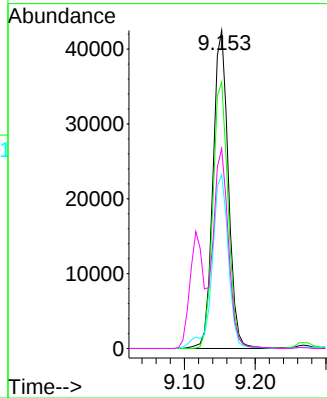
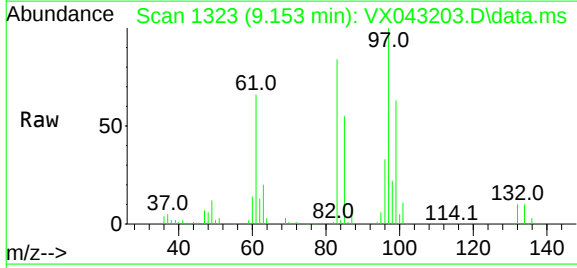
#55
1,1,2-Trichloroethane
Concen: 53.034 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	63988
Ion	Ratio	Lower	Upper
97	100		
83	83.8	64.2	96.4
85	54.6	43.0	64.6
99	62.8	51.4	77.2

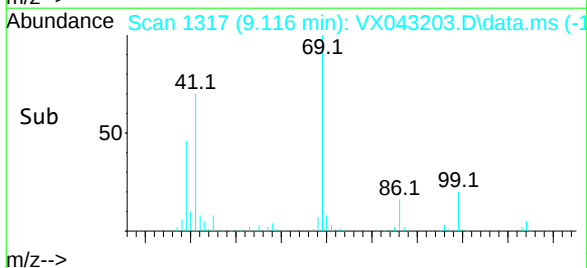
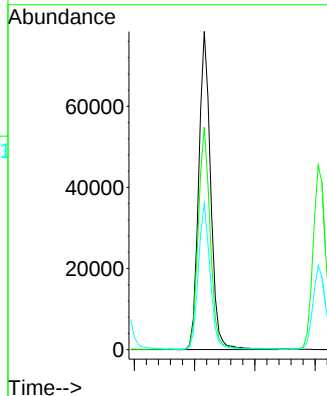
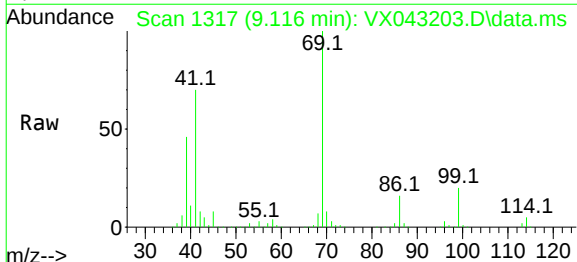
Manual Integrations
APPROVED

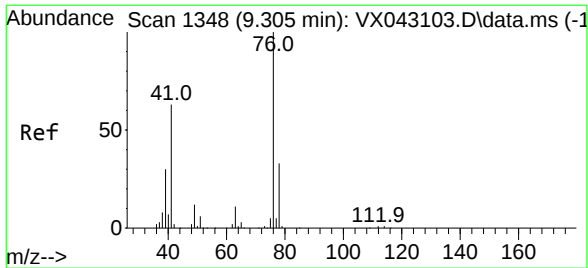
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#56
Ethyl methacrylate
Concen: 51.384 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:	69	Resp:	107883
Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.4	83.2
39	44.9	36.3	54.5





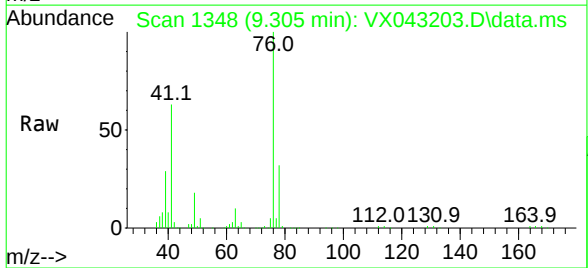
#57
 1,3-Dichloropropane
 Concen: 51.309 ug/l
 RT: 9.305 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

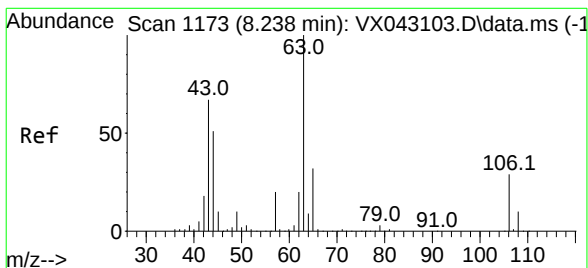
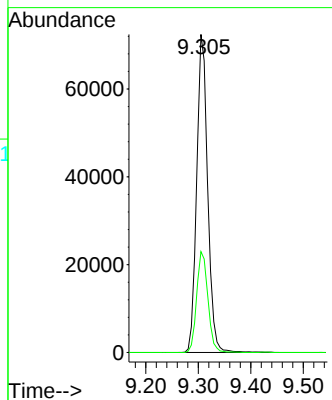
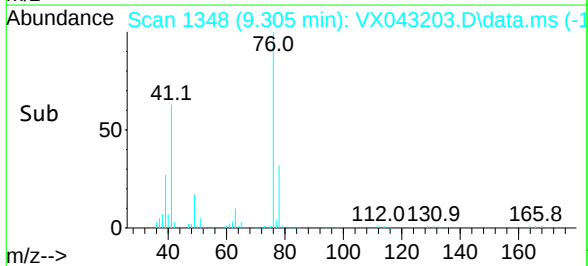
VSTDCCC050EC



Tgt Ion: 76 Resp: 105295
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.5 39.7

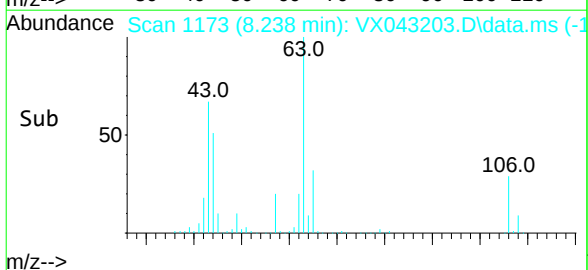
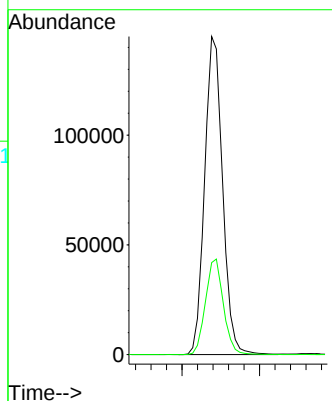
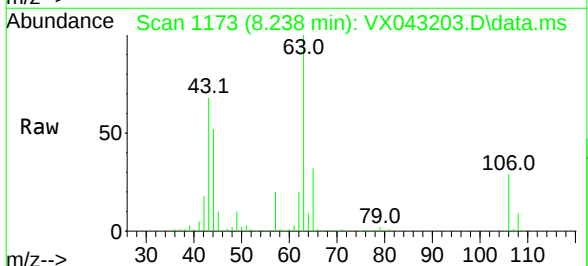
Manual Integrations
 APPROVED

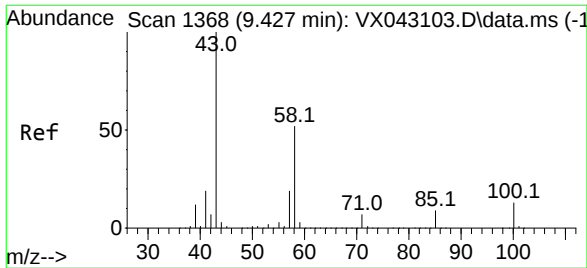
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.464 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Tgt Ion: 63 Resp: 233001
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0





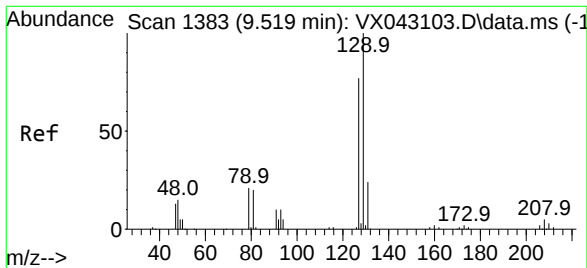
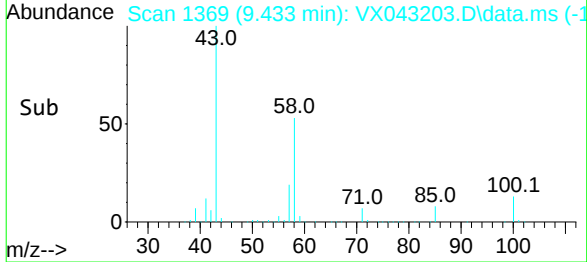
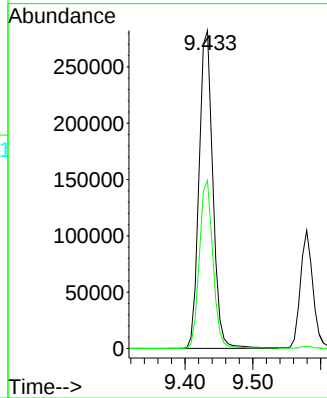
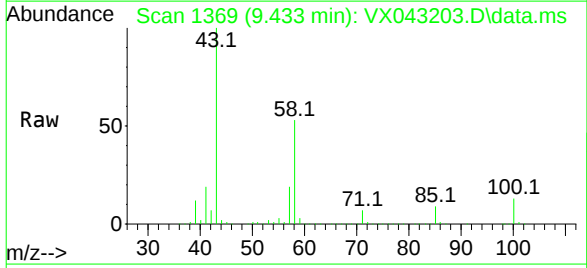
#59
2-Hexanone
Concen: 256.046 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 397922
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2

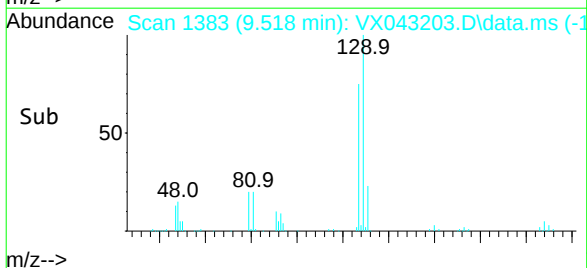
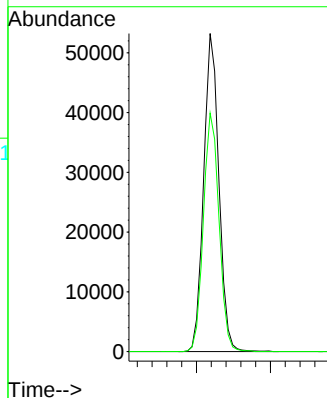
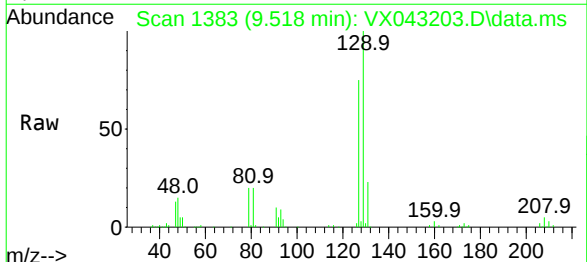
Manual Integrations
APPROVED

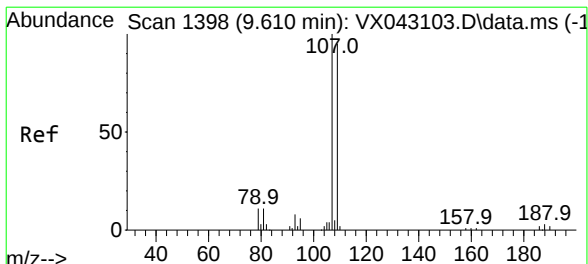
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 48.234 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:129 Resp: 76000
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





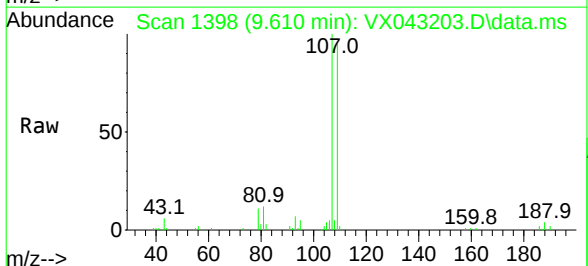
#61
 1,2-Dibromoethane
 Concen: 50.021 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



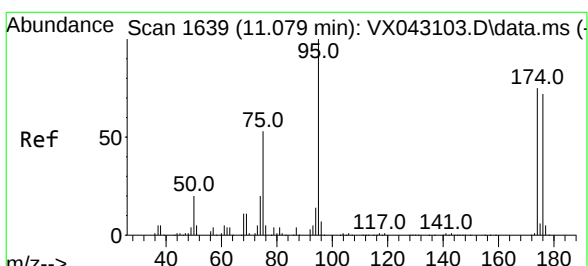
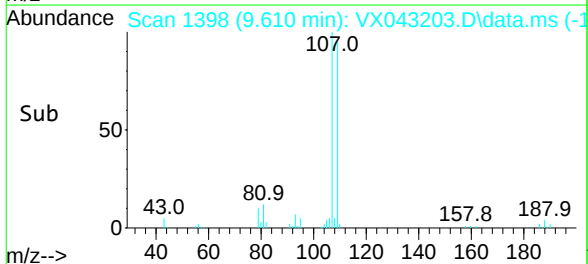
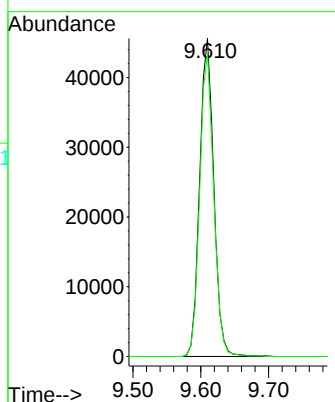
Tgt Ion:	107	Resp:	66037
Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.1	112.7

Manual Integrations

APPROVED

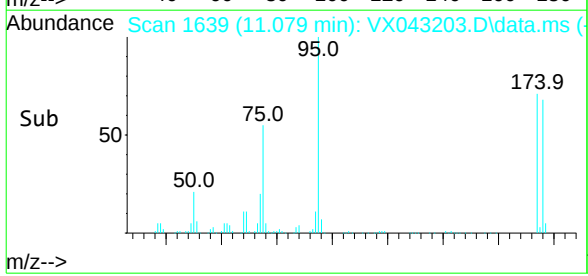
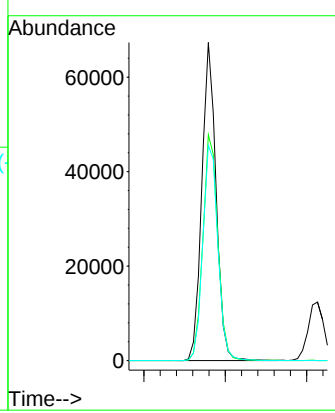
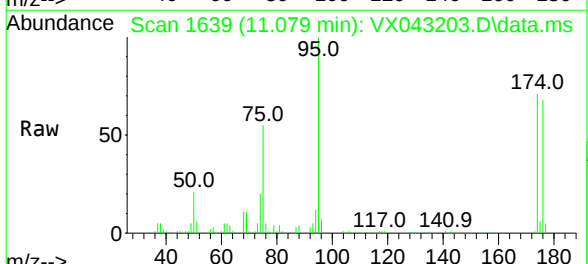
Reviewed By :John Carlone 10/01/2024

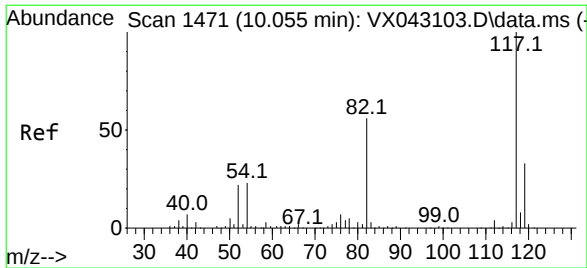
Supervised By :Mahesh Dadoda 10/01/2024



#62
 4-Bromofluorobenzene
 Concen: 47.807 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX043203.D
 Acq: 30 Sep 2024 17:01

Tgt Ion:	95	Resp:	81745
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	146.0
176	71.7	0.0	142.6





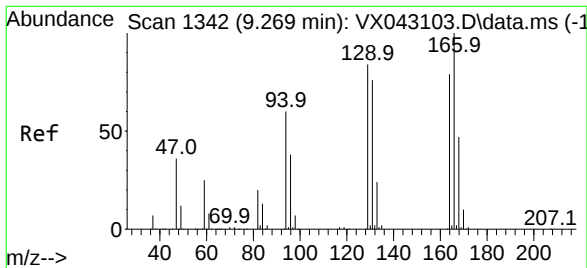
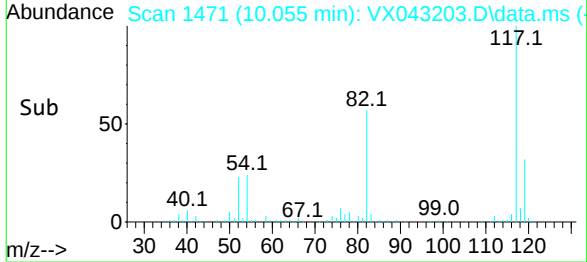
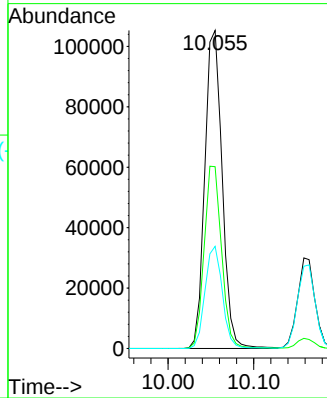
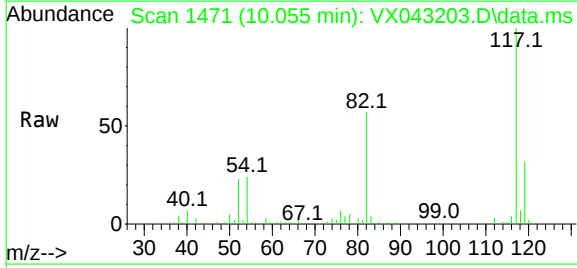
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion:117 Resp: 148330
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.1 26.3 39.5

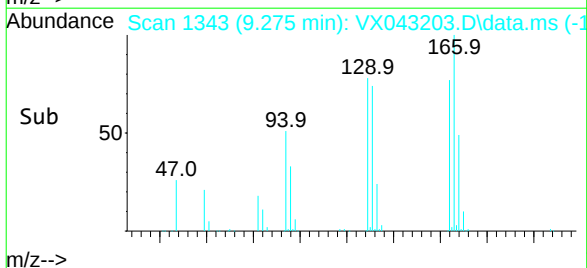
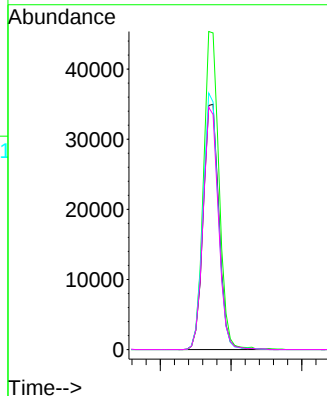
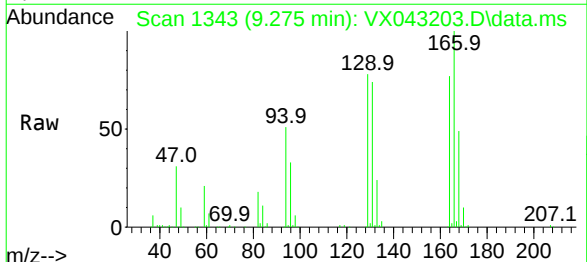
Manual Integrations
APPROVED

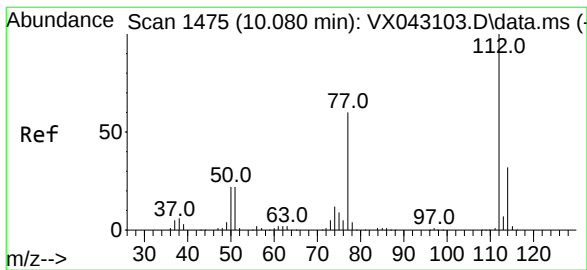
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 50.015 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:164 Resp: 53752
Ion Ratio Lower Upper
164 100
166 129.1 101.2 151.8
129 101.0 84.7 127.1
131 95.9 77.2 115.8





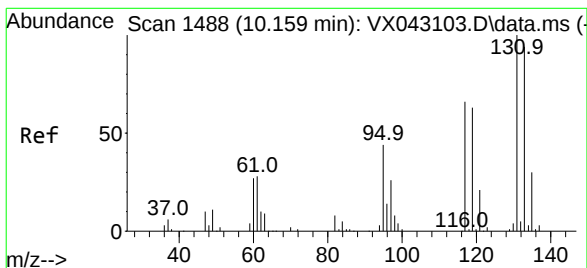
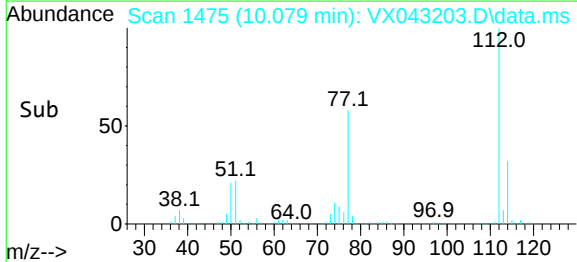
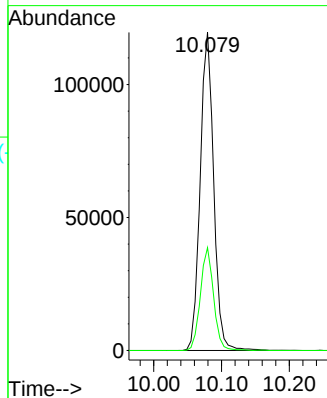
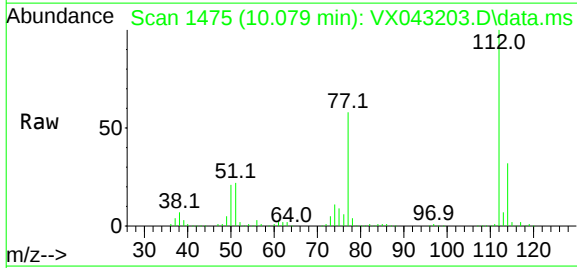
#65
Chlorobenzene
Concen: 51.503 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 164799
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

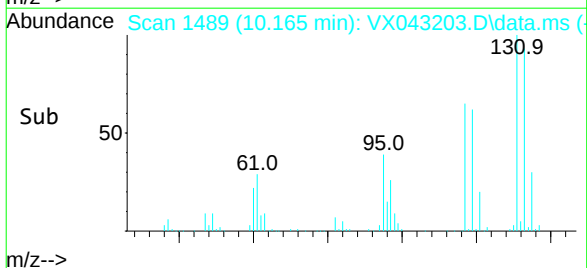
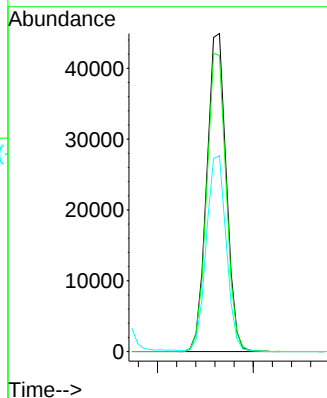
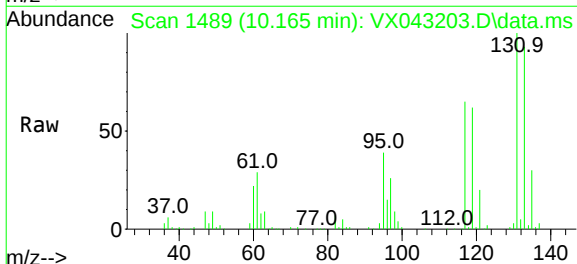
Manual Integrations
APPROVED

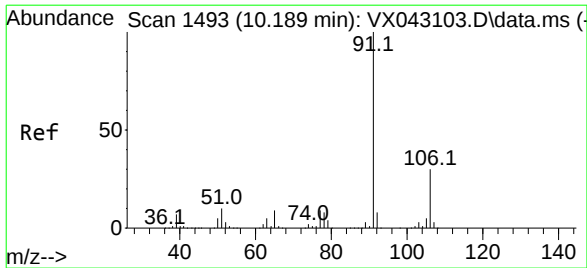
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.899 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:131 Resp: 63615
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.6
119 63.0 31.8 95.4





#67

Ethyl Benzene

Concen: 51.331 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 284119

Ion Ratio Lower Upper

91 100

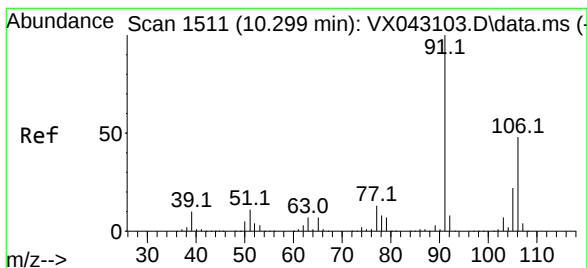
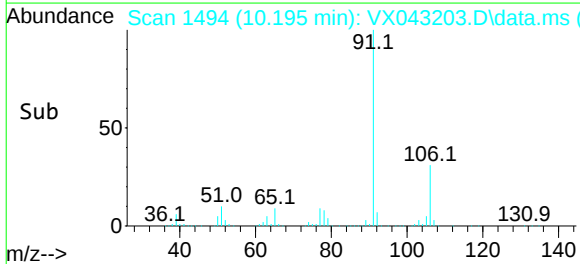
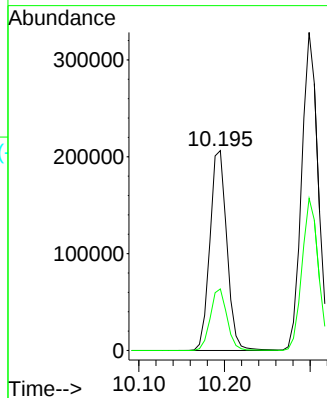
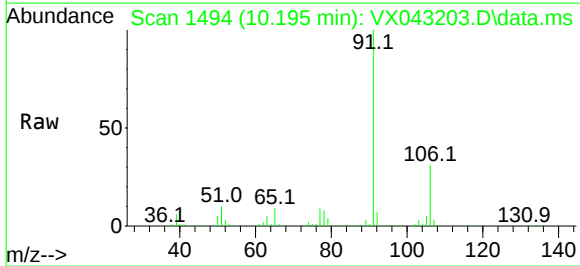
106 30.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#68

m/p-Xylenes

Concen: 102.056 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043203.D

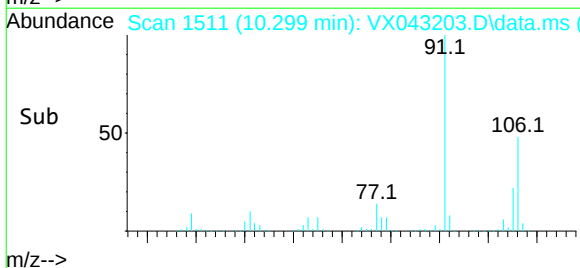
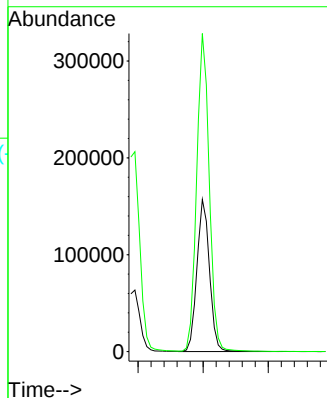
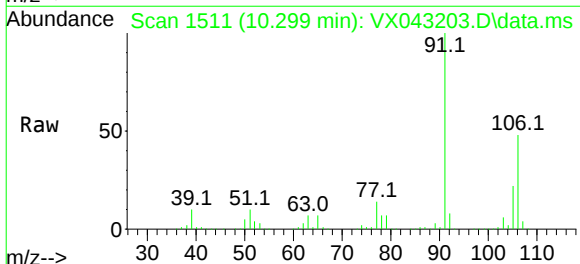
Acq: 30 Sep 2024 17:01

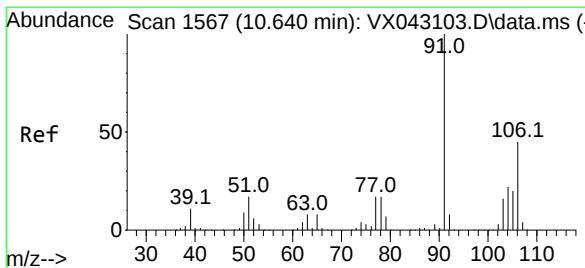
Tgt Ion:106 Resp: 210221

Ion Ratio Lower Upper

106 100

91 208.9 167.5 251.3





#69

o-Xylene

Concen: 51.221 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 105825

Ion Ratio Lower Upper

106 100

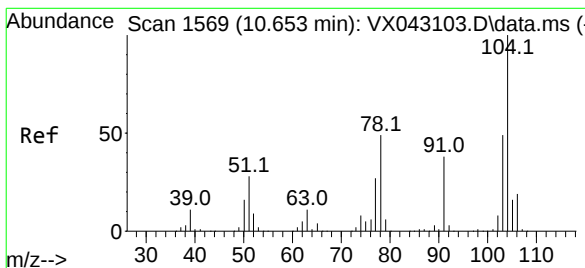
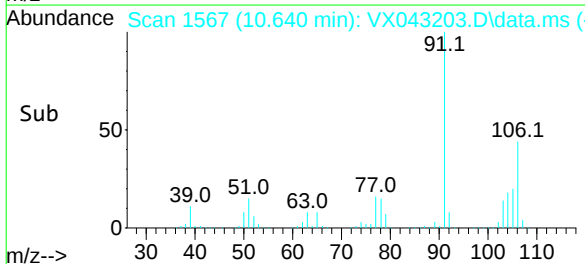
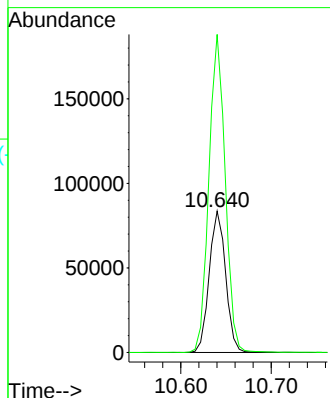
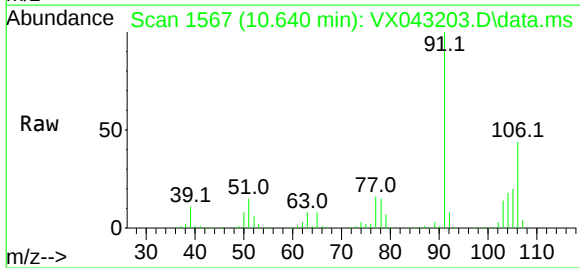
91 223.0 112.5 337.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#70

Styrene

Concen: 52.278 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

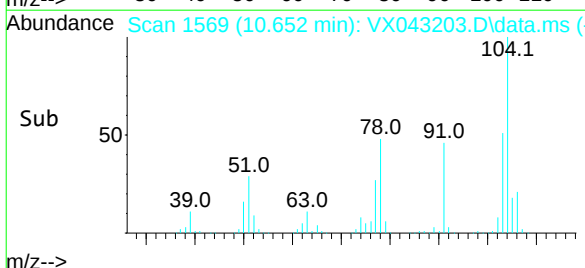
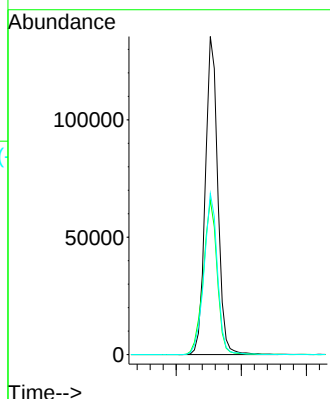
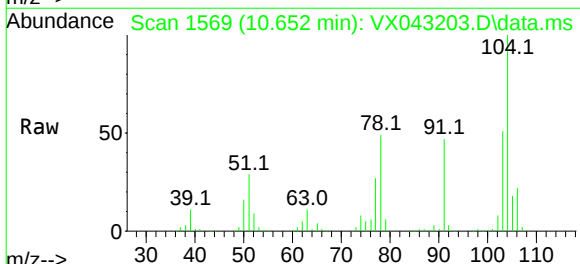
Tgt Ion:104 Resp: 180165

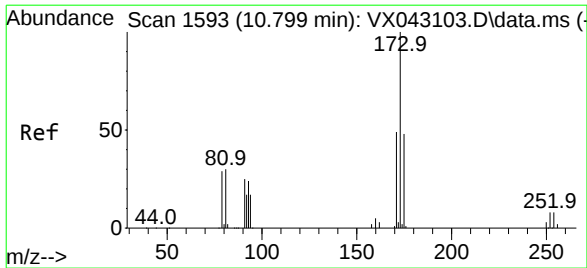
Ion Ratio Lower Upper

104 100

78 53.7 44.3 66.5

103 54.6 43.4 65.0





#71

Bromoform

Concen: 49.109 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

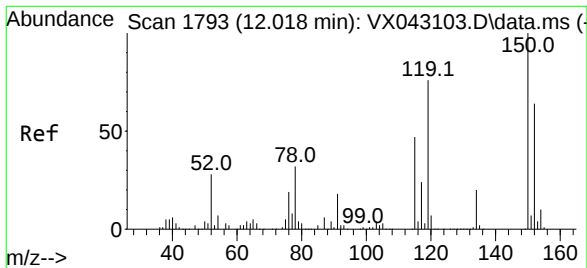
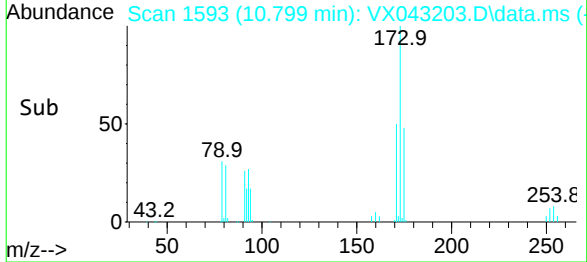
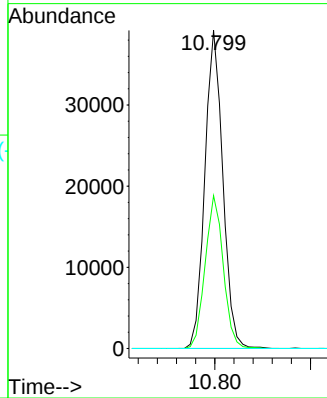
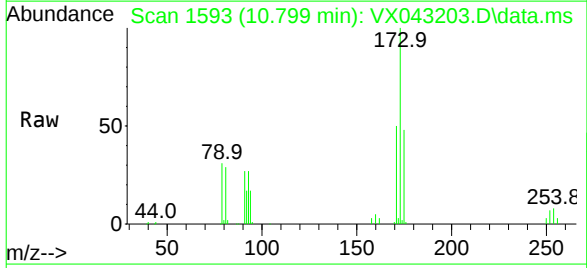
Tgt Ion:	173	Resp:	50979
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.6	73.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

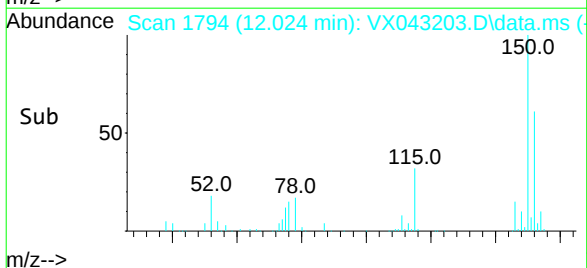
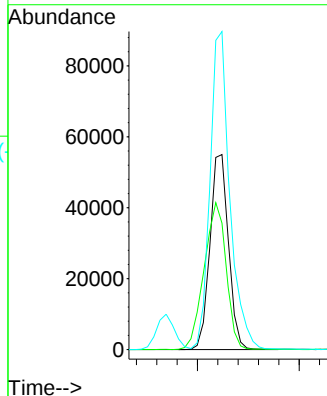
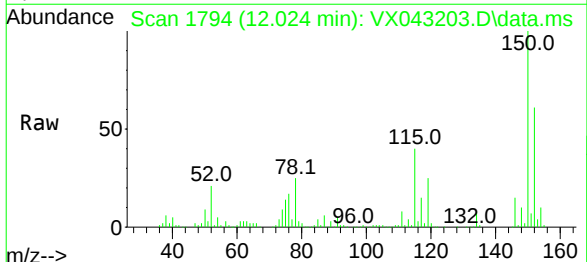
RT: 12.024 min Scan# 1794

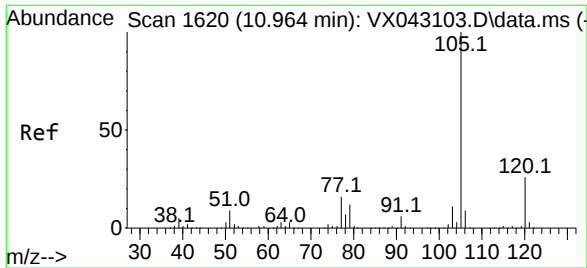
Delta R.T. 0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	152	Resp:	69674
Ion Ratio	Lower	Upper	
152	100		
115	89.7	43.7	131.1
150	174.7	0.0	344.6





#73

Isopropylbenzene

Concen: 53.402 ug/l

RT: 10.963 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 279040

Ion Ratio Lower Upper

105 100

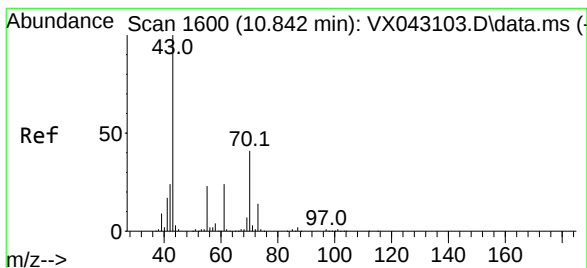
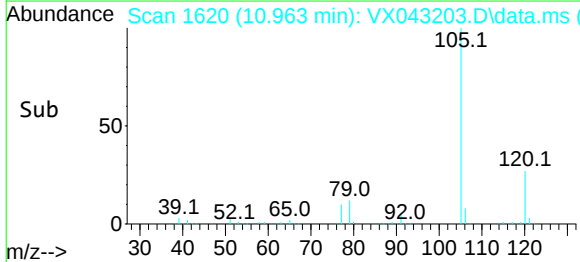
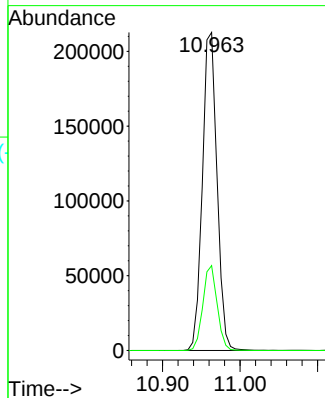
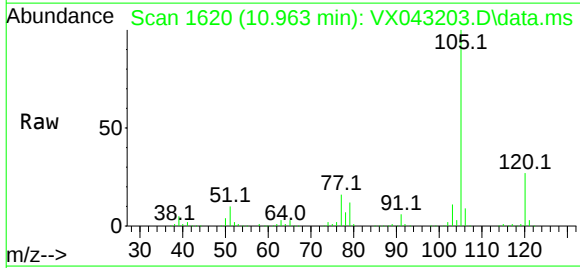
120 26.1 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#74

N-ethyl acetate

Concen: 56.224 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion: 43 Resp: 138036

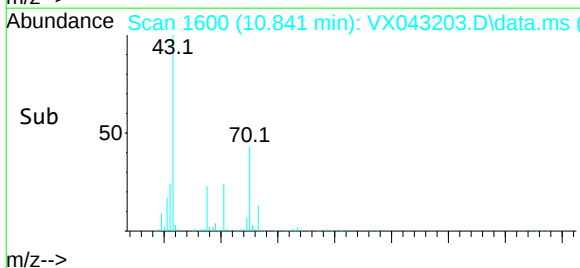
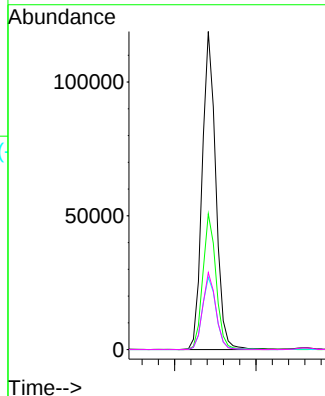
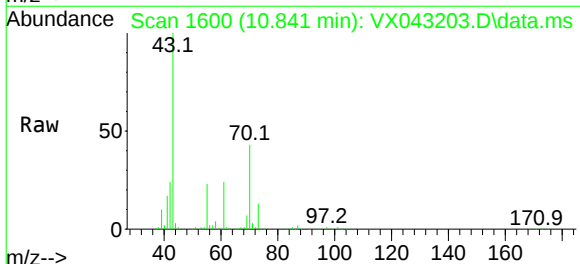
Ion Ratio Lower Upper

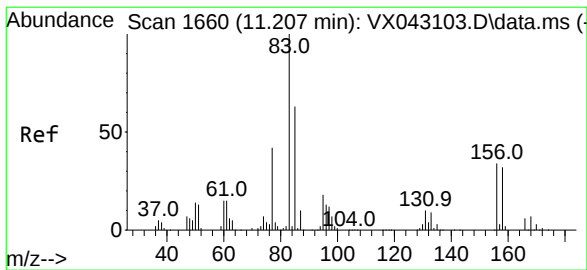
43 100

70 41.7 32.5 48.7

55 23.1 18.2 27.4

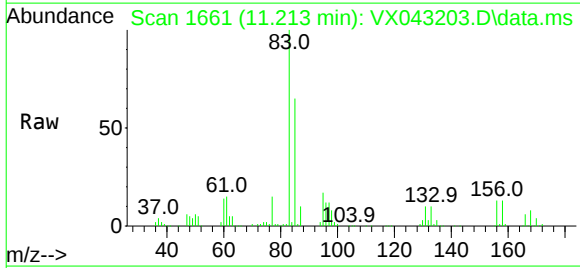
61 23.5 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 57.181 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

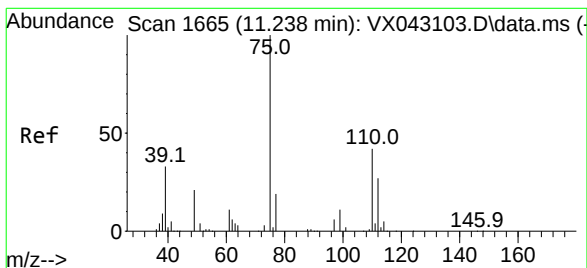
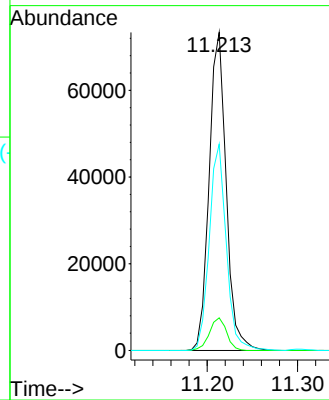
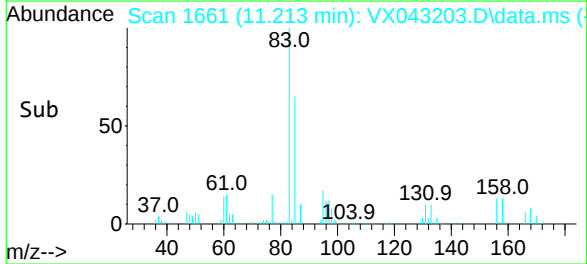
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	83	Resp:	96145
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.8
85	64.9	31.9	95.7

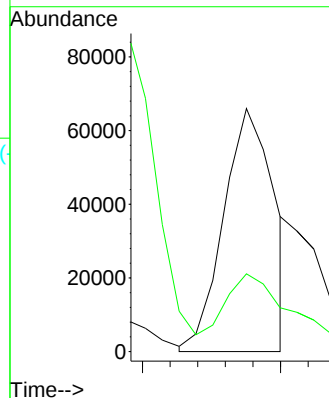
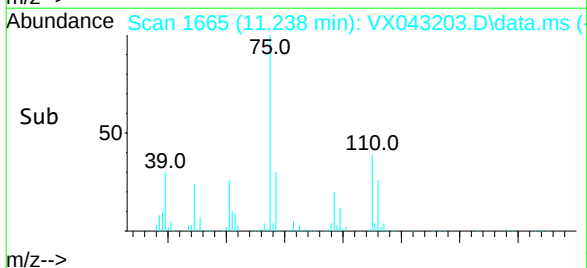
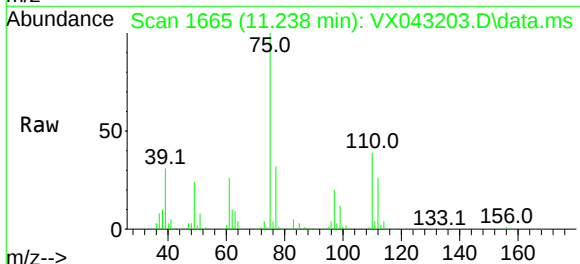
Manual Integrations
APPROVED

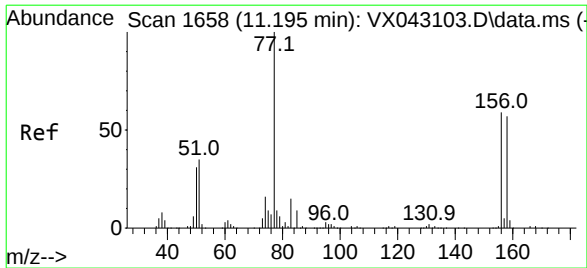
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#76
1,2,3-Trichloropropane
Concen: 56.538 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion:	75	Resp:	83750
Ion	Ratio	Lower	Upper
75	100		
77	43.7	21.9	65.7





#77

Bromobenzene

Concen: 53.436 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

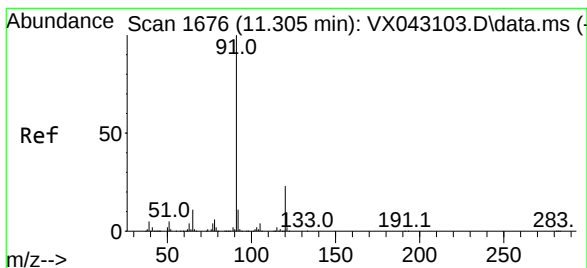
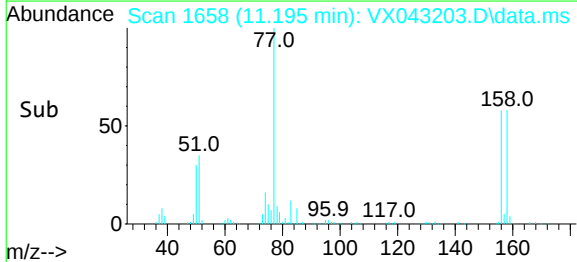
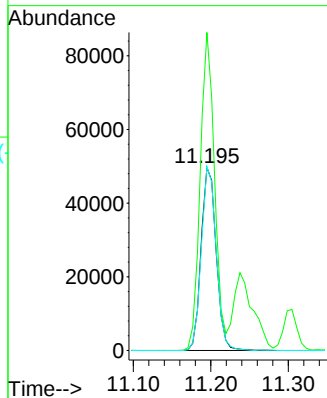
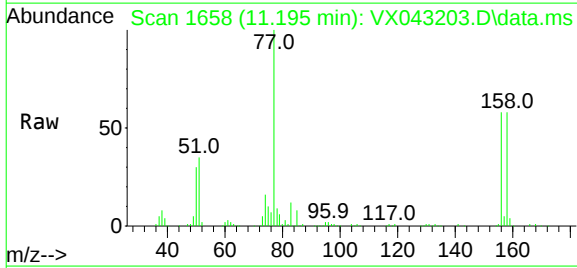
Tgt Ion:	156	Resp:	67030
Ion	Ratio	Lower	Upper
156	100		
77	165.2	82.5	247.3
158	99.0	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#78

n-propylbenzene

Concen: 52.312 ug/l

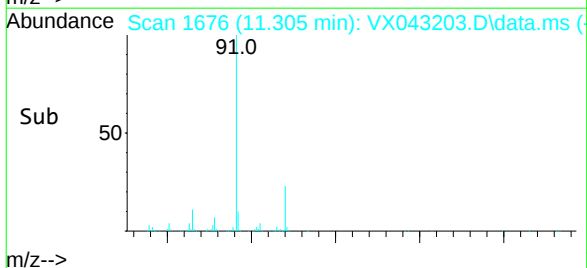
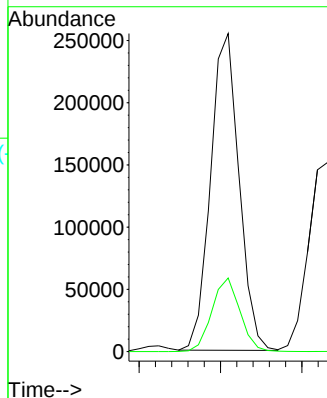
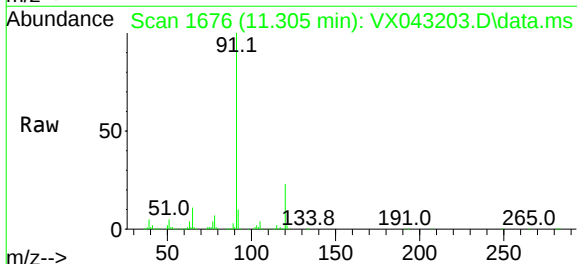
RT: 11.305 min Scan# 1676

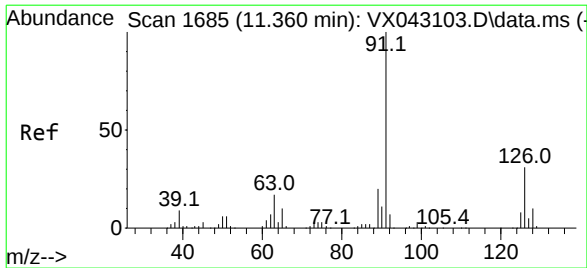
Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	91	Resp:	310123
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 52.118 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 193793

Ion Ratio Lower Upper

91 100

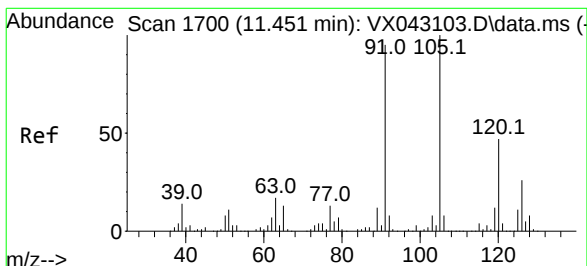
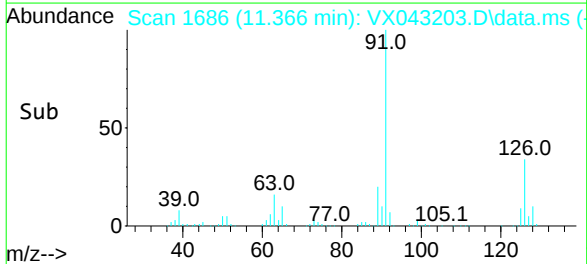
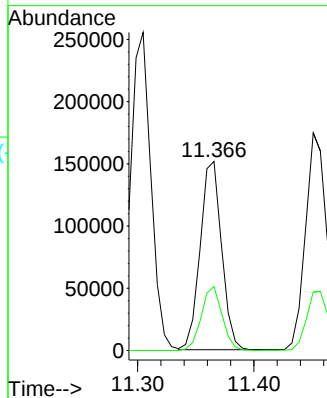
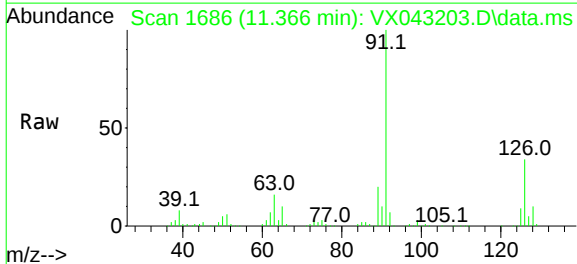
126 33.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.678 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043203.D

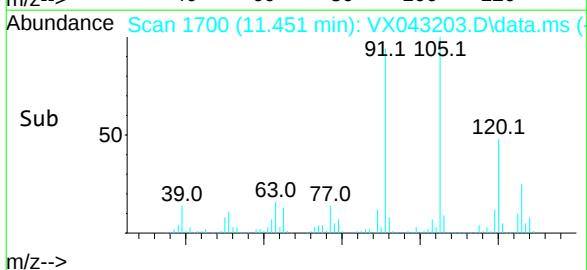
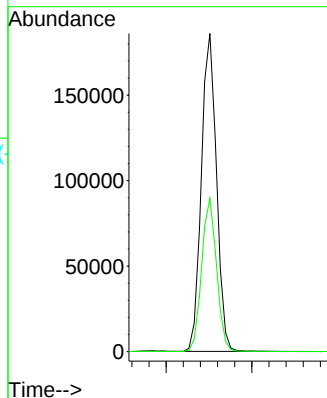
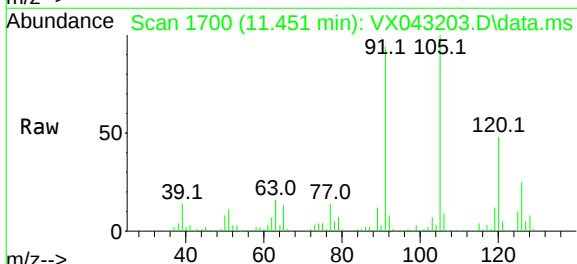
Acq: 30 Sep 2024 17:01

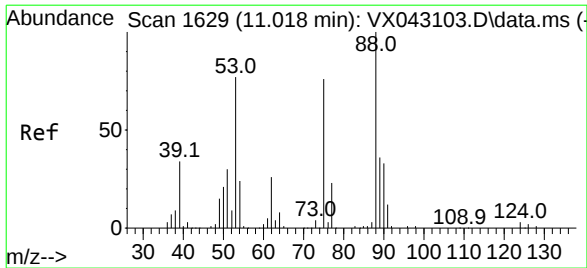
Tgt Ion:105 Resp: 227739

Ion Ratio Lower Upper

105 100

120 47.6 23.5 70.5





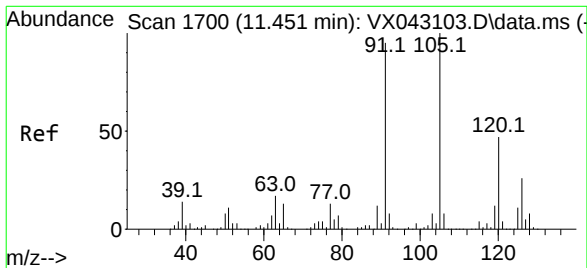
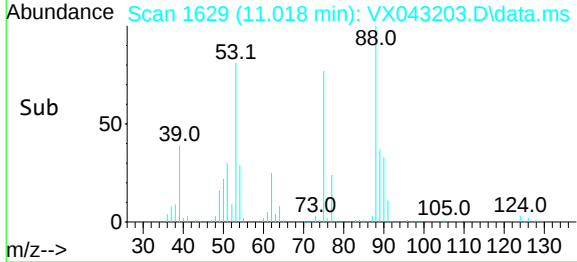
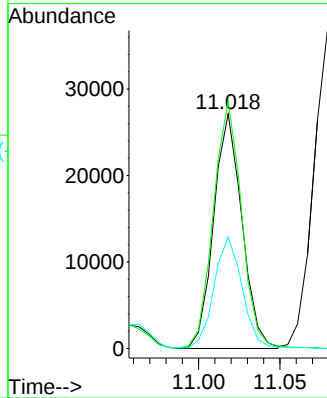
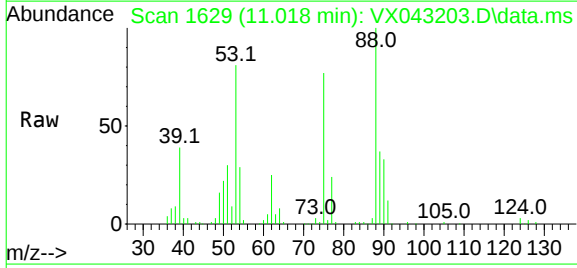
#81
trans-1,4-Dichloro-2-butene
Concen: 52.570 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion: 75 Resp: 32684
Ion Ratio Lower Upper
75 100
53 105.7 85.4 128.2
89 47.6 38.8 58.2

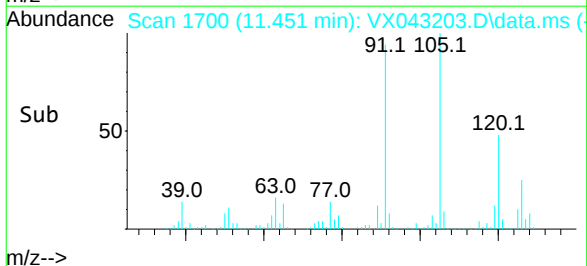
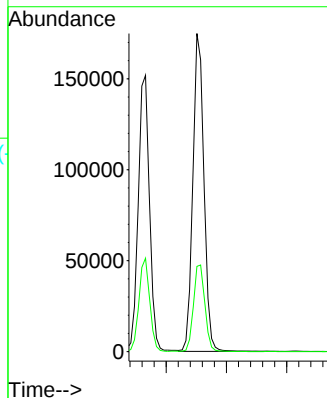
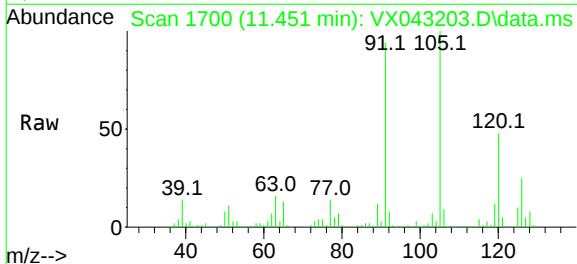
Manual Integrations
APPROVED

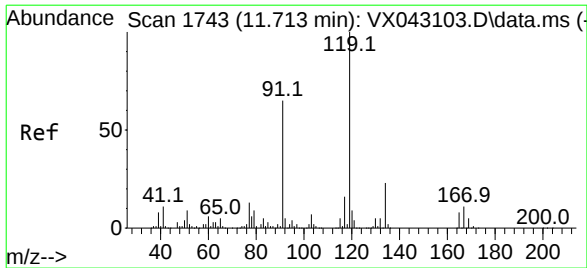
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 52.357 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 91 Resp: 222521
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 52.547 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

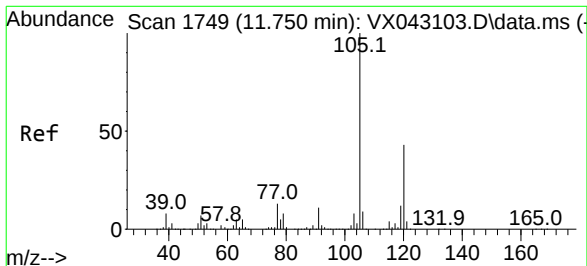
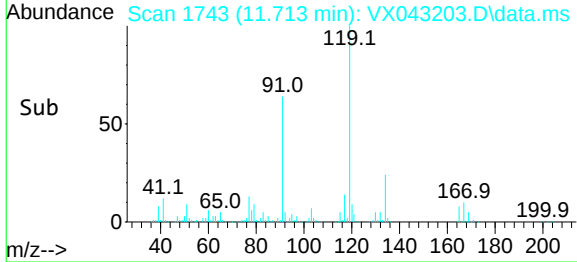
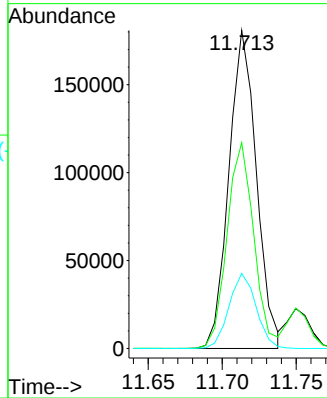
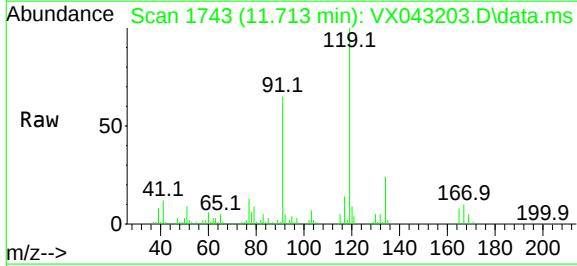
Tgt Ion:	119	Resp:	234087
Ion Ratio	Lower	Upper	
119	100		
91	62.9	31.8	95.3
134	23.3	11.6	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.896 ug/l

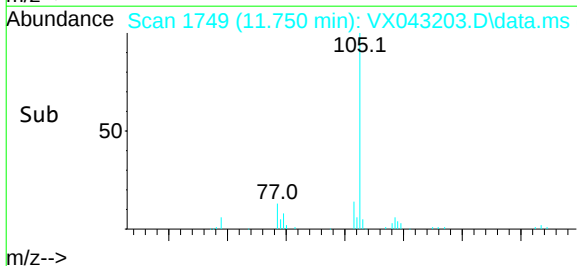
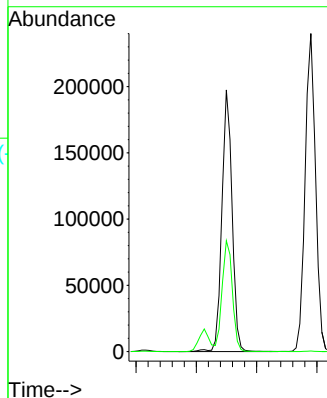
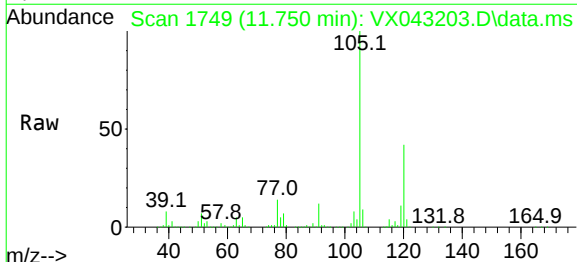
RT: 11.750 min Scan# 1749

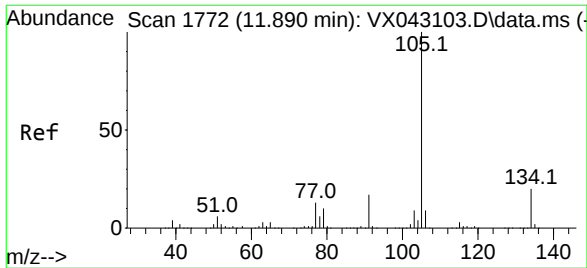
Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

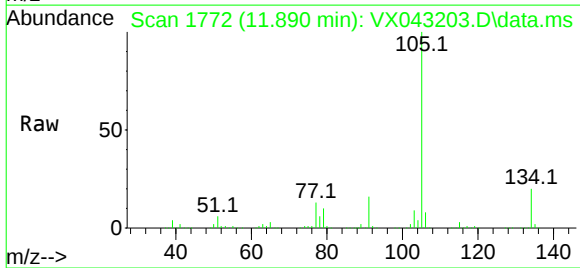
Tgt Ion:	105	Resp:	231814
Ion Ratio	Lower	Upper	
105	100		
120	42.5	21.8	65.4





#85
sec-Butylbenzene
Concen: 52.532 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

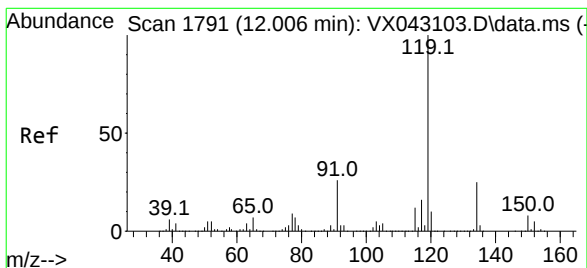
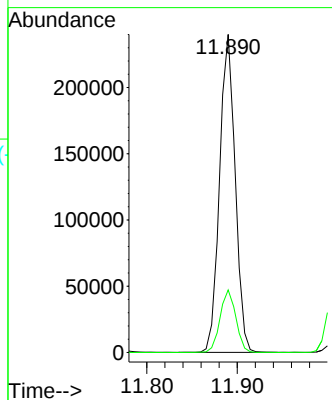
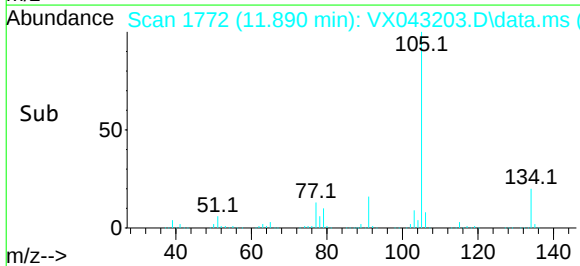
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



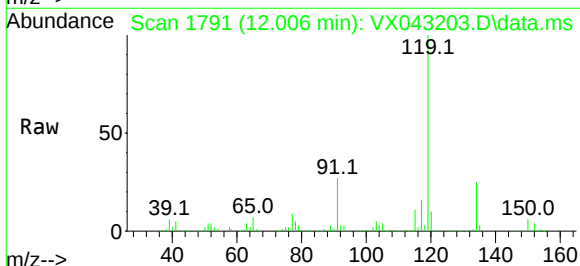
Tgt Ion:105 Resp: 287621
Ion Ratio Lower Upper
105 100
134 19.9 10.0 29.8

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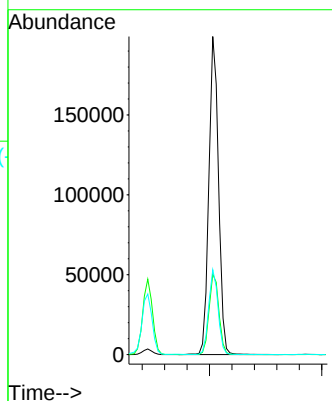
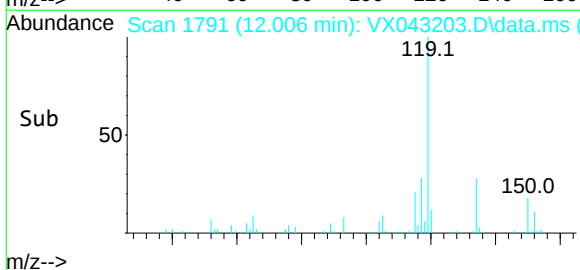
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

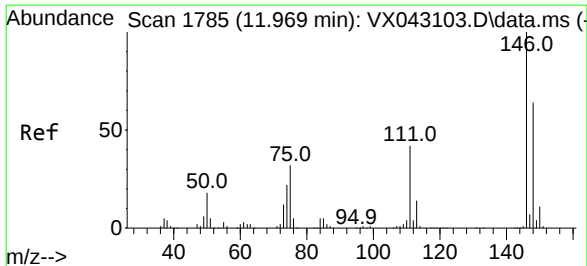


#86
p-Isopropyltoluene
Concen: 52.288 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01



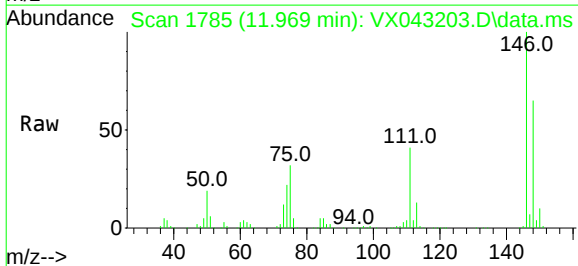
Tgt Ion:119 Resp: 237680
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.6
91 25.9 13.3 39.8





#87
1,3-Dichlorobenzene
Concen: 52.212 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

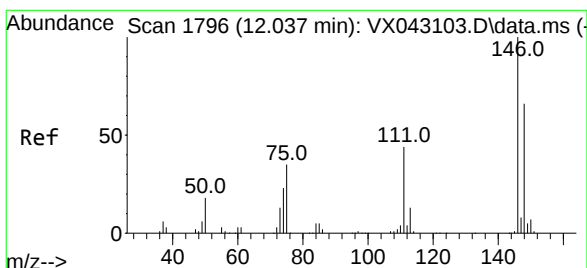
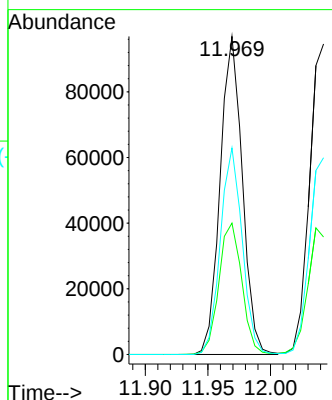
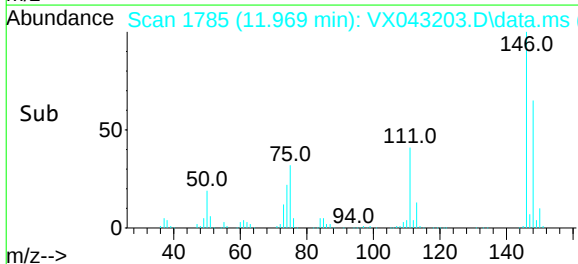
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



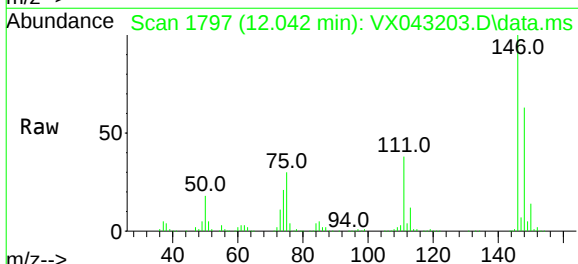
Tgt Ion:146 Resp: 119420
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.6
148 64.1 31.9 95.5

Manual Integrations
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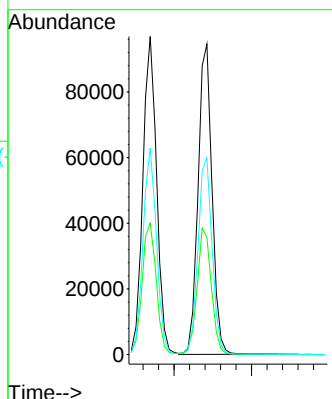
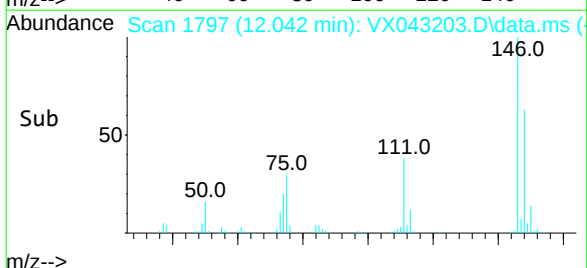
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

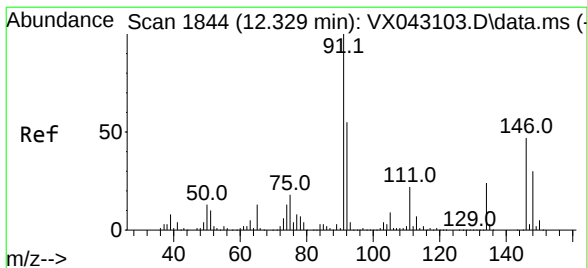


#88
1,4-Dichlorobenzene
Concen: 51.500 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01



Tgt Ion:146 Resp: 118119
Ion Ratio Lower Upper
146 100
111 41.6 21.2 63.6
148 64.3 32.6 98.0





#89

n-Butylbenzene

Concen: 51.844 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 205383

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

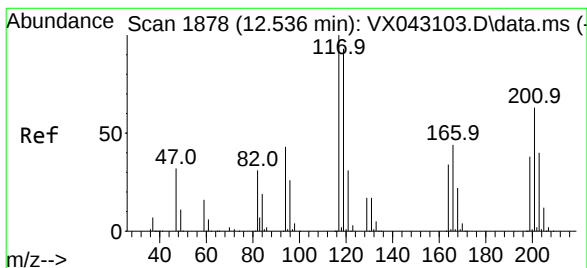
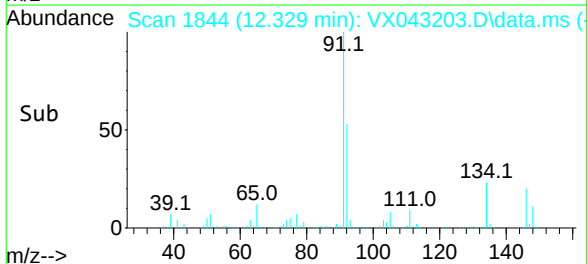
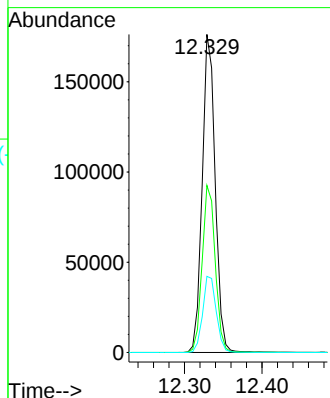
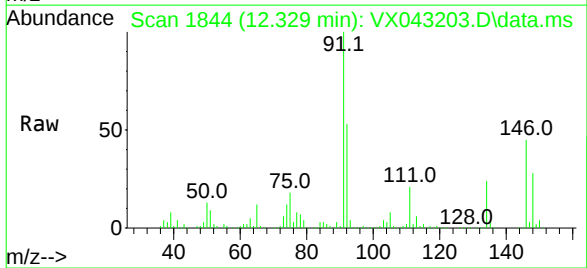
134 25.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#90

Hexachloroethane

Concen: 51.657 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043203.D

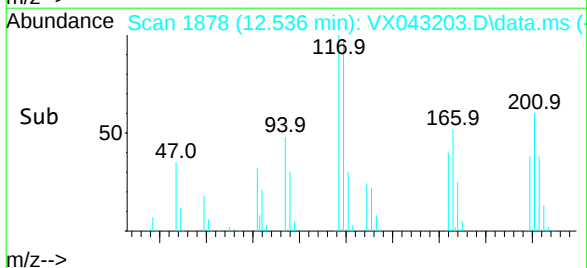
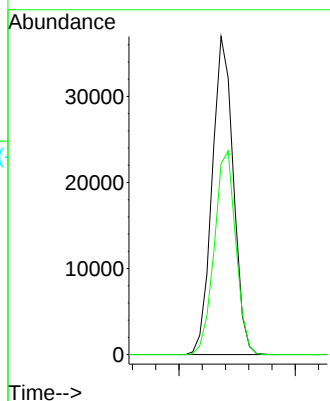
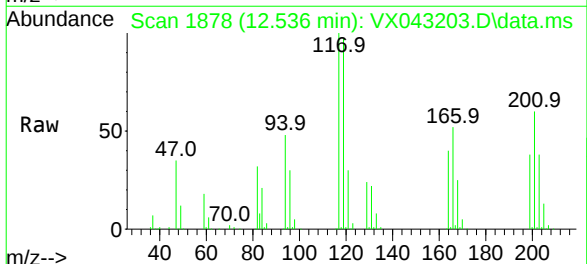
Acq: 30 Sep 2024 17:01

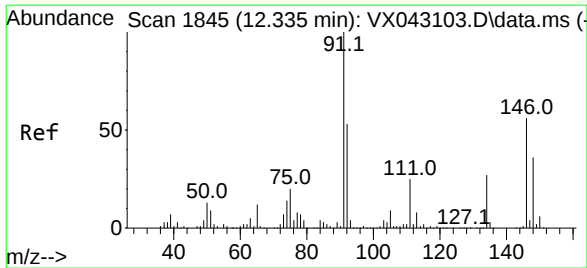
Tgt Ion:117 Resp: 46796

Ion Ratio Lower Upper

117 100

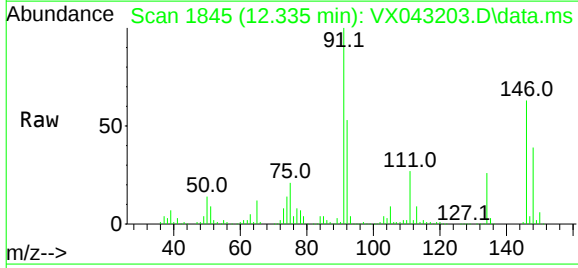
201 65.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 54.225 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

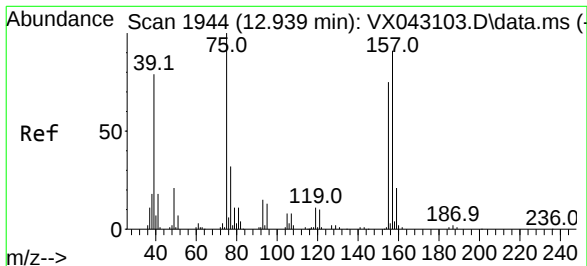
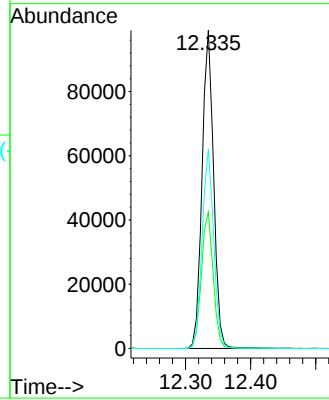
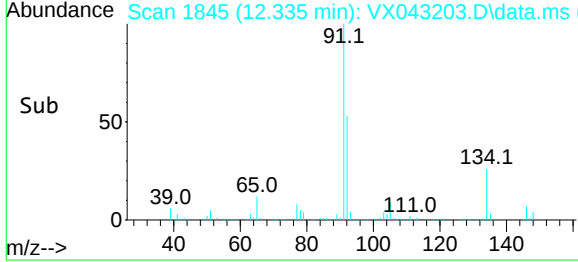
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 122142
Ion Ratio Lower Upper
146 100
111 43.7 22.6 67.8
148 62.9 32.0 96.2

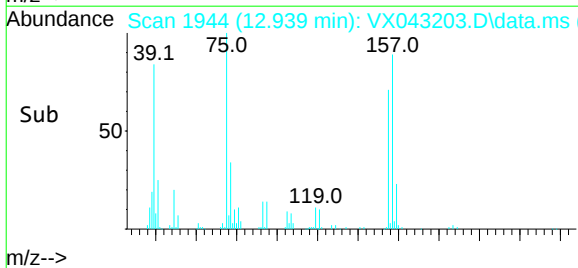
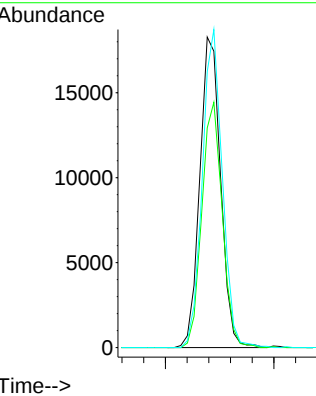
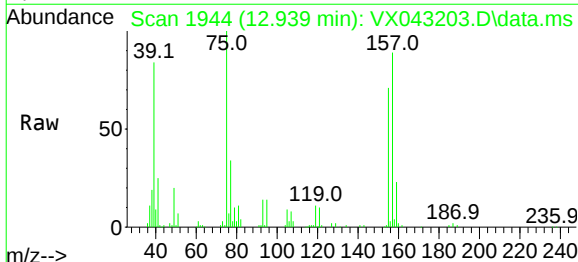
Manual Integrations
APPROVED

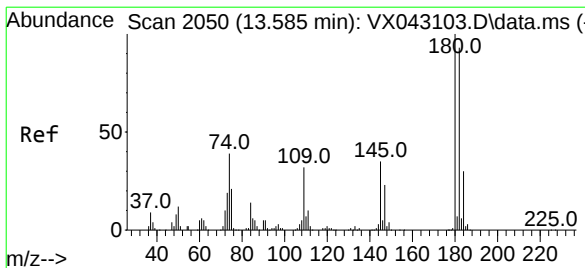
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.438 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043203.D
Acq: 30 Sep 2024 17:01

Tgt Ion: 75 Resp: 24293
Ion Ratio Lower Upper
75 100
155 77.5 38.6 115.8
157 98.4 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 52.624 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

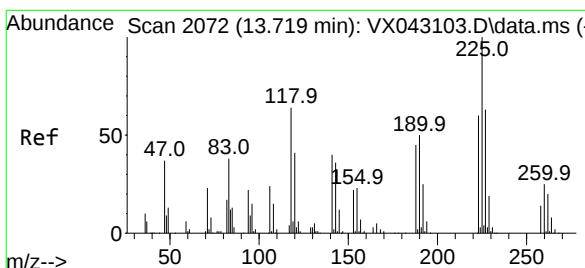
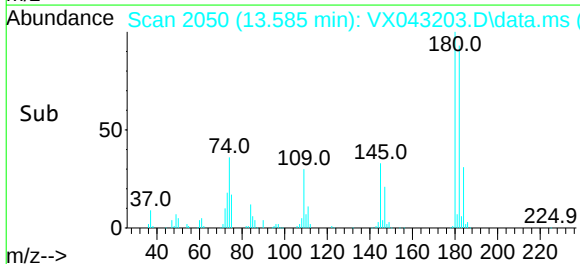
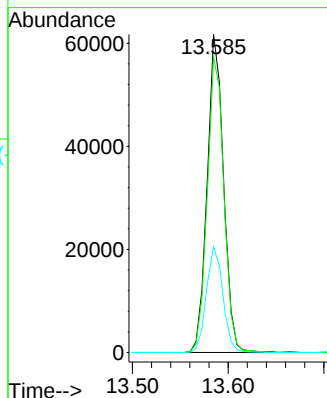
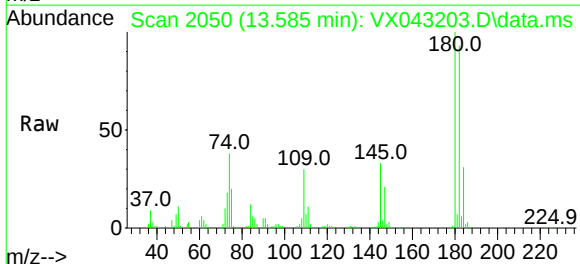
Tgt Ion:	180	Resp:	73489
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.7	140.0
145	33.5	17.0	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 49.630 ug/l

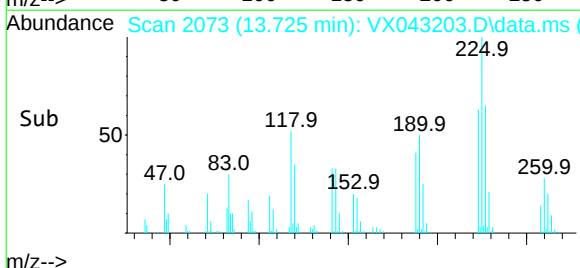
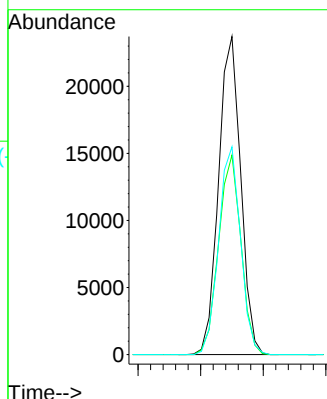
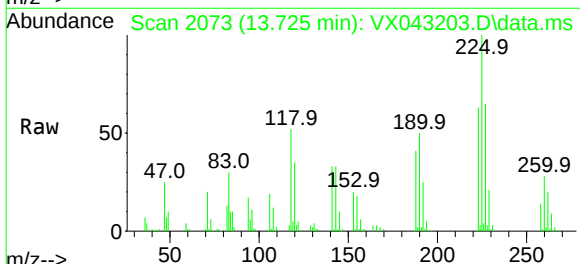
RT: 13.725 min Scan# 2073

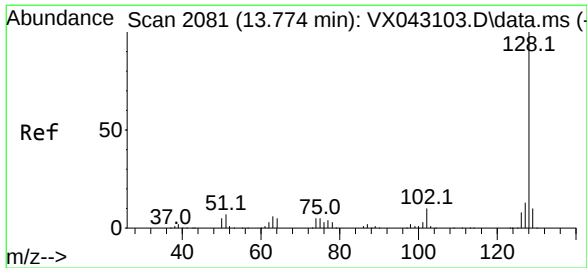
Delta R.T. 0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	225	Resp:	29120
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.8	95.4
227	64.7	31.9	95.7





#95

Naphthalene

Concen: 55.983 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

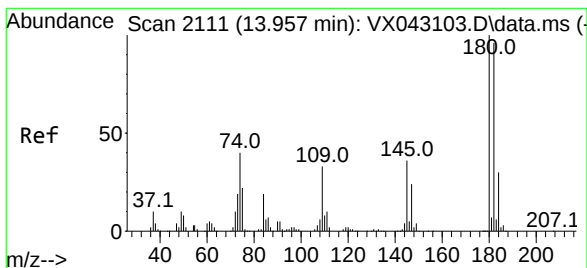
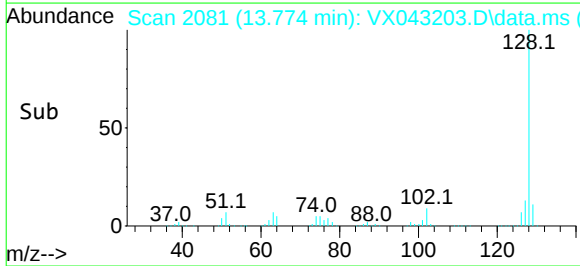
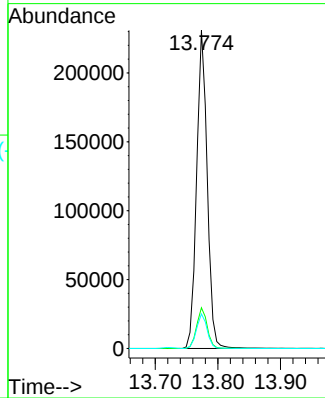
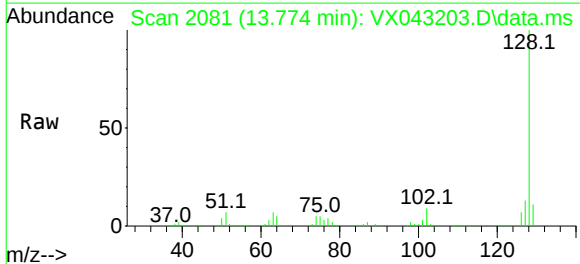
Tgt Ion:	128	Resp:	271739
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 54.465 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043203.D

Acq: 30 Sep 2024 17:01

Tgt Ion:	180	Resp:	75569
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.8	143.4
145	35.3	17.7	53.1

