

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043244.D
 Acq On : 03 Oct 2024 08:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95829	47.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	5.379	113	70232	48.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.647	98	245446	49.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.079	95	89940	49.807	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67014	47.046	ug/l	97
3) Chloromethane	1.295	50	63636	43.377	ug/l	98
4) Vinyl Chloride	1.374	62	67174	45.713	ug/l	97
5) Bromomethane	1.599	94	25811	42.993	ug/l	96
6) Chloroethane	1.666	64	24525	44.818	ug/l	95
7) Trichlorofluoromethane	1.874	101	99374	45.261	ug/l	98
8) Diethyl Ether	2.136	74	37946	44.412	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	63021	45.996	ug/l	100
10) Methyl Iodide	2.447	142	80754	46.925	ug/l	99
11) Tert butyl alcohol	2.995	59	91520	240.474	ug/l	99
12) 1,1-Dichloroethene	2.313	96	59649	43.841	ug/l	99
13) Acrolein	2.239	56	77383	215.277	ug/l	97
14) Allyl chloride	2.660	41	101829	45.555	ug/l	100
15) Acrylonitrile	3.069	53	175504	225.838	ug/l	99
16) Acetone	2.386	43	217371	260.262	ug/l	100
17) Carbon Disulfide	2.502	76	140668	42.506	ug/l	100
18) Methyl Acetate	2.703	43	102286	48.819	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	223380	45.890	ug/l	98
20) Methylene Chloride	2.782	84	67835	44.051	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	61006	45.053	ug/l	99
22) Diisopropyl ether	3.757	45	207266	46.100	ug/l	92
23) Vinyl Acetate	3.721	43	1263057	243.458	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121378	46.341	ug/l	100
25) 2-Butanone	4.556	43	270679	236.365	ug/l	100
26) 2,2-Dichloropropane	4.471	77	118564	47.576	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	76444	45.266	ug/l	99
28) Bromochloromethane	4.898	49	49305	47.714	ug/l	99
29) Tetrahydrofuran	5.001	42	160547	220.071	ug/l	100
30) Chloroform	5.087	83	128688	44.739	ug/l	100
31) Cyclohexane	5.458	56	94877	43.965	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	120357	45.556	ug/l	100
36) 1,1-Dichloropropene	5.684	75	84088	46.406	ug/l	99
37) Ethyl Acetate	4.715	43	100304	46.096	ug/l	99
38) Carbon Tetrachloride	5.666	117	101275	47.213	ug/l	99
39) Methylcyclohexane	7.373	83	106335	46.660	ug/l	96
40) Benzene	6.031	78	251159	45.717	ug/l	98

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 10/04/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53965	47.643	ug/l	98
42) 1,2-Dichloroethane	6.080	62	105220	47.001	ug/l	100
43) Isopropyl Acetate	6.336	43	168663	46.928	ug/l	99
44) Trichloroethene	7.117	130	67533	46.346	ug/l	95
45) 1,2-Dichloropropane	7.428	63	63137	46.831	ug/l	96
46) Dibromomethane	7.580	93	50588	46.826	ug/l	100
47) Bromodichloromethane	7.818	83	102703	48.354	ug/l	99
48) Methyl methacrylate	7.690	41	83296	47.234	ug/l	99
49) 1,4-Dioxane	7.659	88	33014	963.068	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	503016	230.437	ug/l	98
52) Toluene	8.714	92	162527	47.203	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104188	49.364	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	108586	47.969	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63620	46.494	ug/l	98
56) Ethyl methacrylate	9.116	69	108612	48.549	ug/l	100
57) 1,3-Dichloropropane	9.305	76	108621	46.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	263775	261.579	ug/l	100
59) 2-Hexanone	9.427	43	399742	242.161	ug/l	100
60) Dibromochloromethane	9.519	129	76592	48.249	ug/l	98
61) 1,2-Dibromoethane	9.604	107	68485	46.583	ug/l	99
64) Tetrachloroethene	9.269	164	59332	48.688	ug/l	95
65) Chlorobenzene	10.073	112	175375	46.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64841	48.567	ug/l	99
67) Ethyl Benzene	10.189	91	311394	47.715	ug/l	99
68) m/p-Xylenes	10.299	106	232461	94.255	ug/l	99
69) o-Xylene	10.640	106	114427	46.691	ug/l	100
70) Styrene	10.653	104	192491	48.465	ug/l	100
71) Bromoform	10.799	173	51816	50.664	ug/l #	100
73) Isopropylbenzene	10.957	105	299594	46.855	ug/l	99
74) N-amyl acetate	10.842	43	142040	46.796	ug/l	100
75) 1,1,1,2-Tetrachloroethane	11.213	83	96243	46.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84034m	46.066	ug/l	
77) Bromobenzene	11.195	156	71225	45.773	ug/l	99
78) n-propylbenzene	11.299	91	340382	48.492	ug/l	100
79) 2-Chlorotoluene	11.360	91	207250	45.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	250216	47.439	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33259	47.251	ug/l	100
82) 4-Chlorotoluene	11.451	91	239258	46.542	ug/l	100
83) tert-Butylbenzene	11.713	119	251365	46.258	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	248377	46.801	ug/l	98
85) sec-Butylbenzene	11.890	105	307993	47.812	ug/l	99
86) p-Isopropyltoluene	12.006	119	261823	48.716	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	129968	47.415	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127673	45.178	ug/l	99
89) n-Butylbenzene	12.329	91	227611	50.586	ug/l	100
90) Hexachloroethane	12.536	117	49593	49.203	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	129283	46.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23922	47.038	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	79924	49.456	ug/l	100
94) Hexachlorobutadiene	13.725	225	32290	50.403	ug/l	98
95) Naphthalene	13.774	128	275976	46.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81559	48.914	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC050

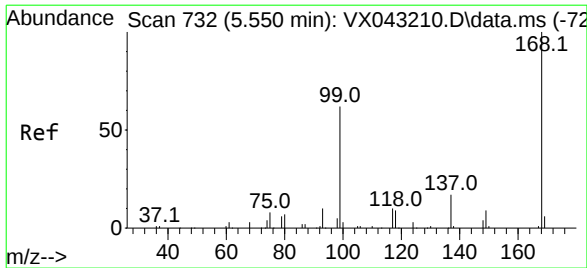
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:23:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

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



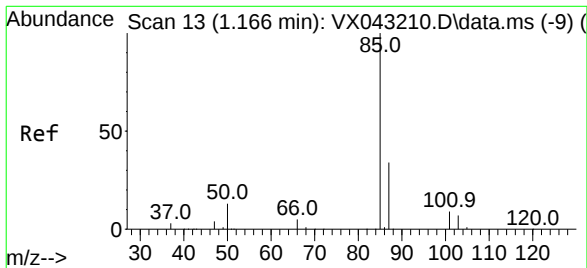
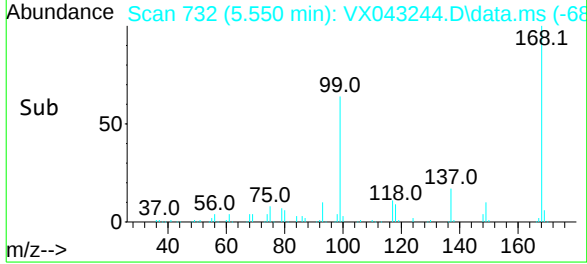
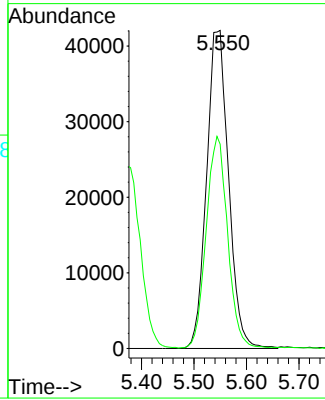
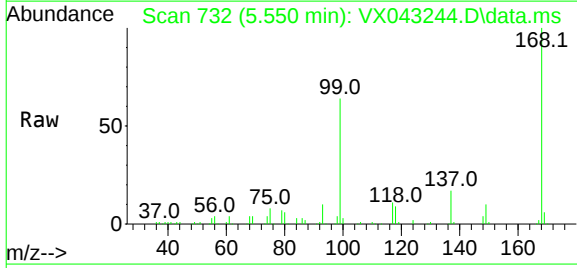
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 122460
Ion Ratio Lower Upper
168 100
99 64.1 49.7 74.5

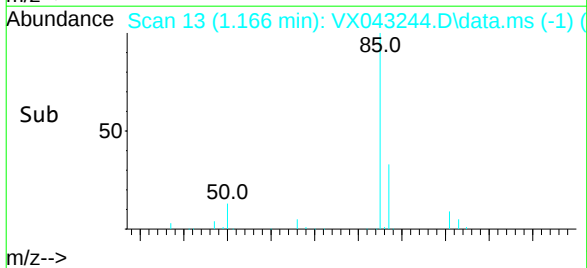
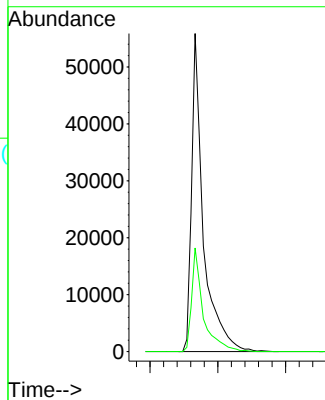
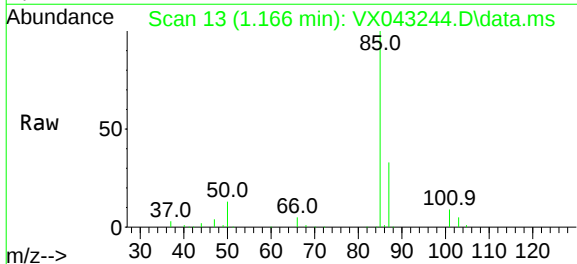
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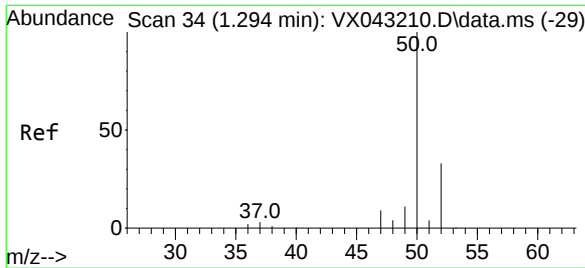
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#2
Dichlorodifluoromethane
Concen: 47.046 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 85 Resp: 67014
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.2





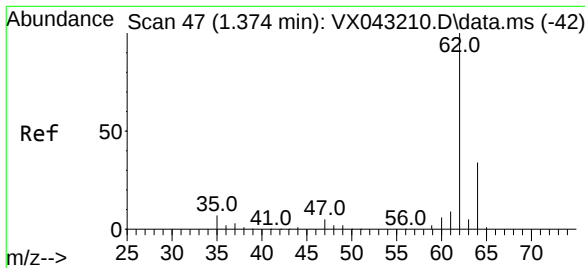
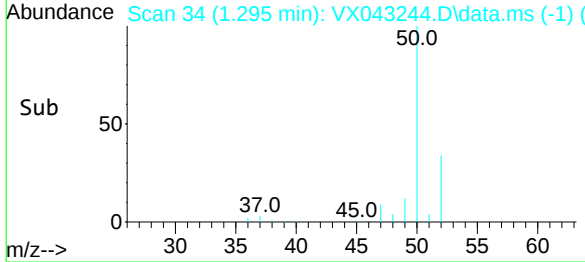
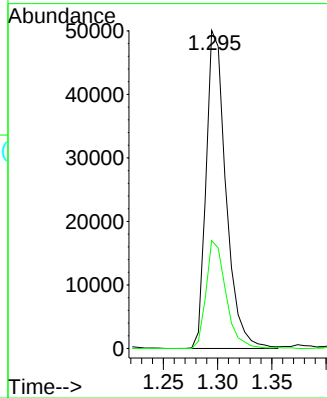
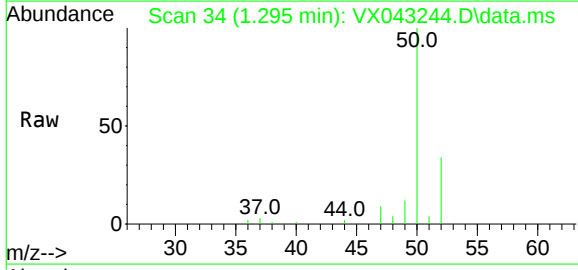
#3
Chloromethane
Concen: 43.377 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 63636
Ion Ratio Lower Upper
50 100
52 33.9 26.1 39.1

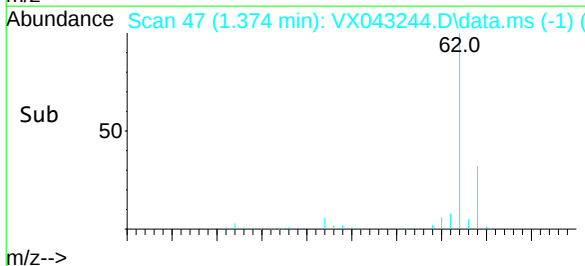
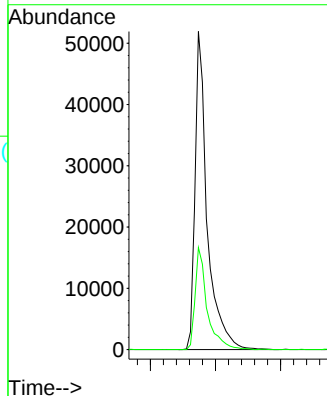
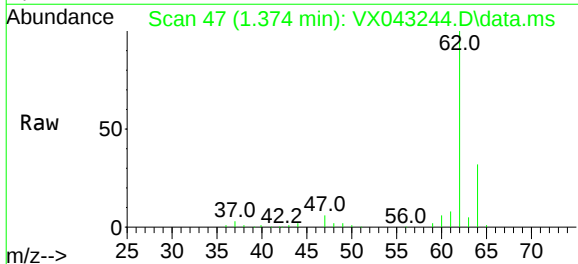
Manual Integrations
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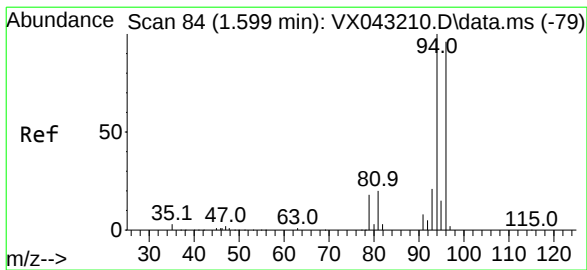
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#4
Vinyl Chloride
Concen: 45.713 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 62 Resp: 67174
Ion Ratio Lower Upper
62 100
64 32.1 26.8 40.2





#5

Bromomethane

Concen: 42.993 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 25811

Ion Ratio Lower Upper

94 100

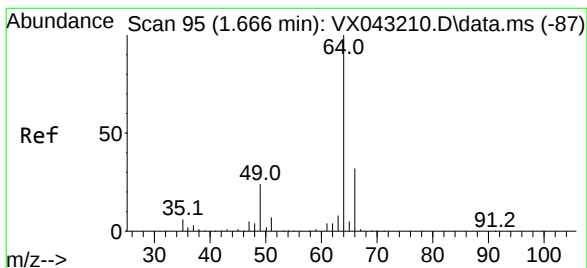
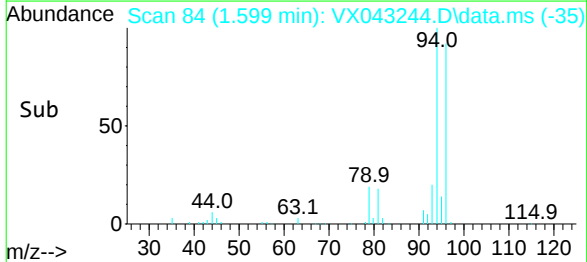
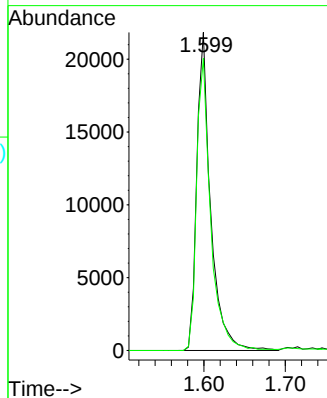
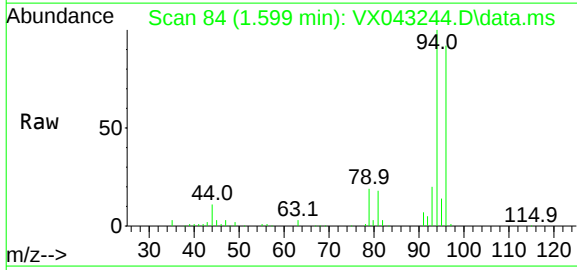
96 91.8 76.6 115.0

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 44.818 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX043244.D

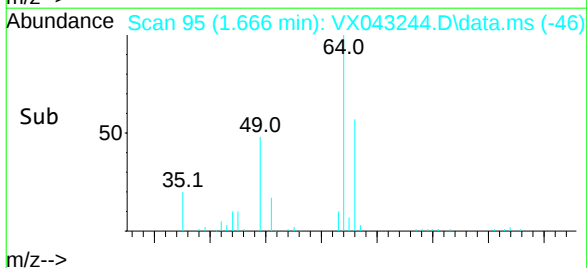
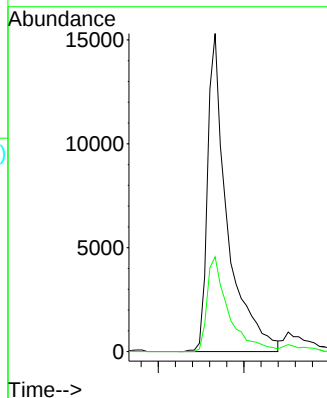
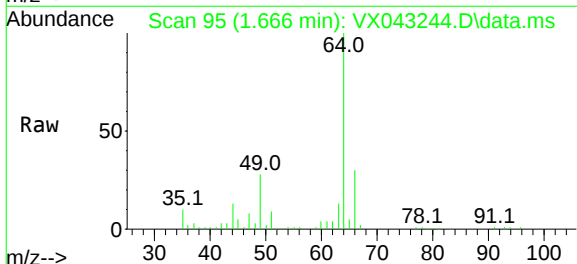
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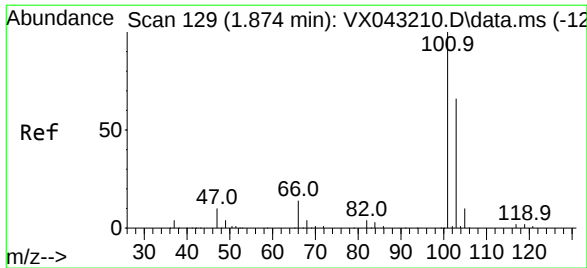
Tgt Ion: 64 Resp: 24525

Ion Ratio Lower Upper

64 100

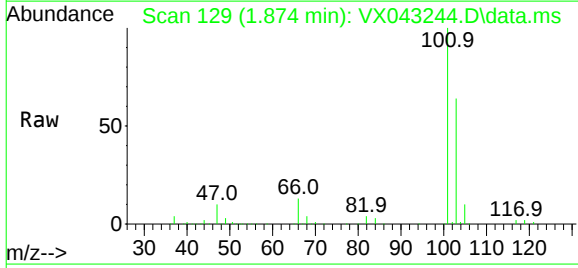
66 29.8 25.8 38.8





#7
Trichlorofluoromethane
Concen: 45.261 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

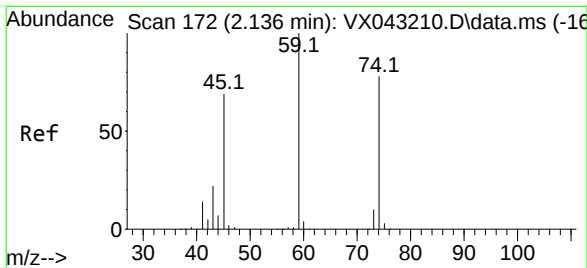
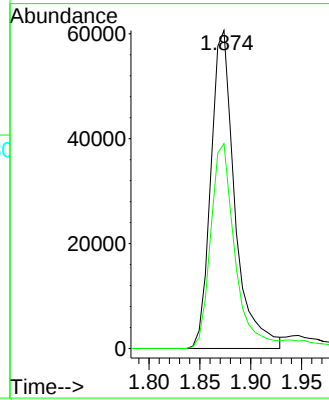
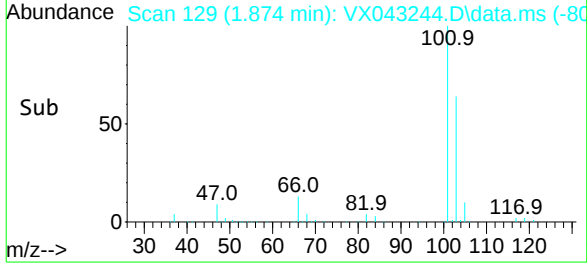
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 99374
Ion Ratio Lower Upper
101 100
103 64.4 52.7 79.1

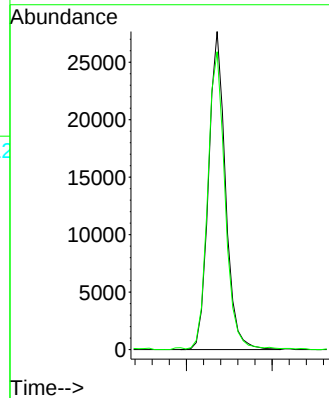
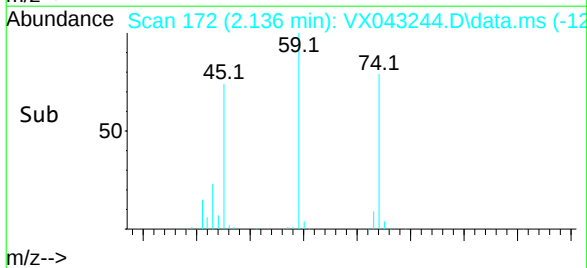
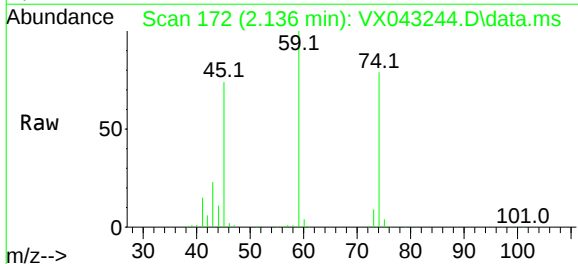
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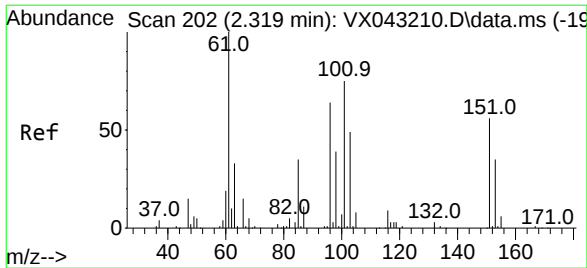
Reviewed By : John Carlone 10/04/2024
Supervised By : Mahesh Dadoda 10/04/2024



#8
Diethyl Ether
Concen: 44.412 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

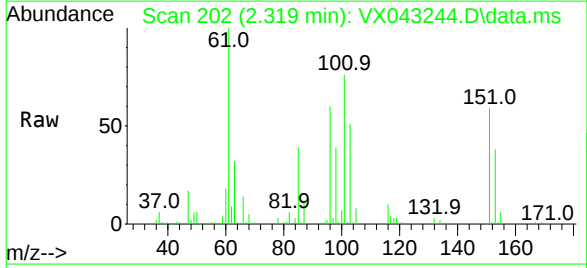
Tgt Ion: 74 Resp: 37946
Ion Ratio Lower Upper
74 100
45 96.9 47.1 141.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.996 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

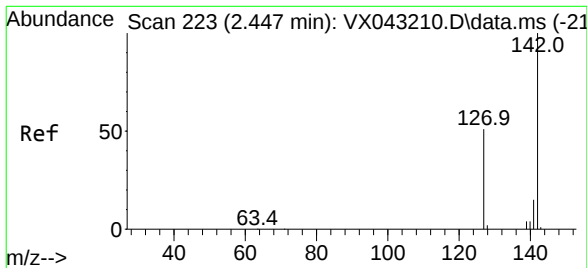
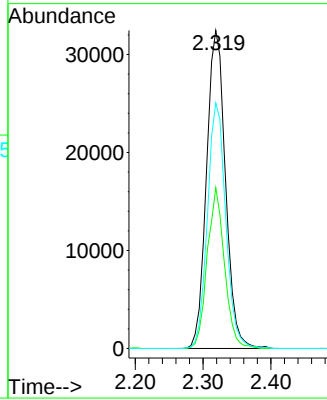
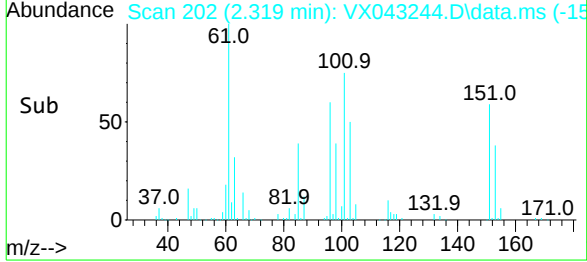
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



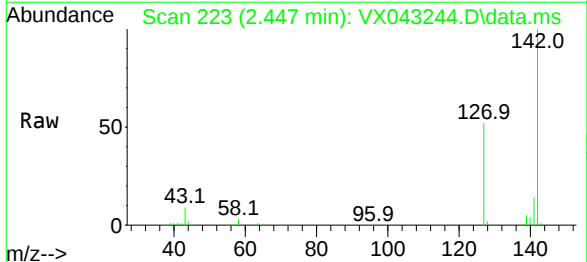
Tgt Ion:101 Resp: 63021
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 74.8 60.0 90.0

Manual Integrations
APPROVED

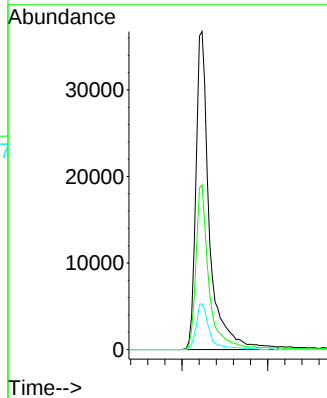
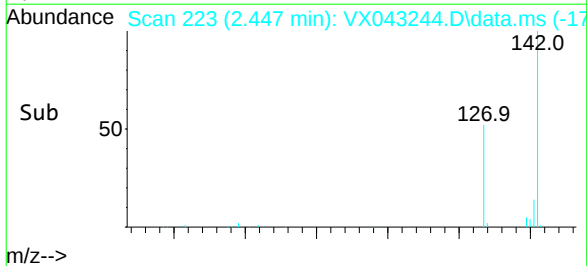
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

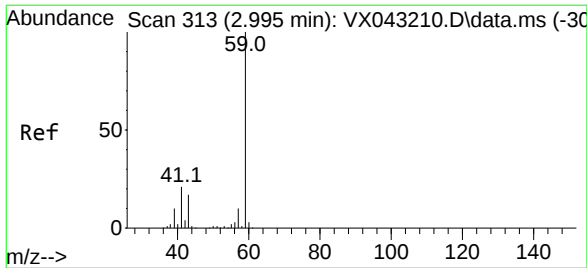


#10
Methyl Iodide
Concen: 46.925 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10



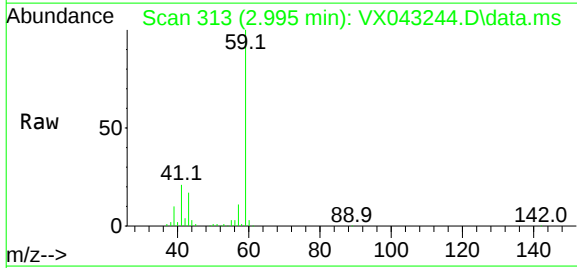
Tgt Ion:142 Resp: 80754
Ion Ratio Lower Upper
142 100
127 49.2 39.8 59.8
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 240.474 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

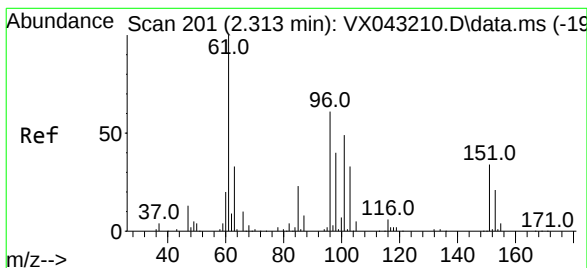
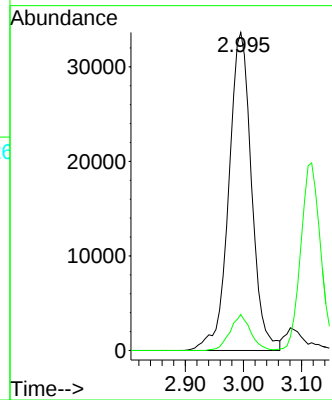
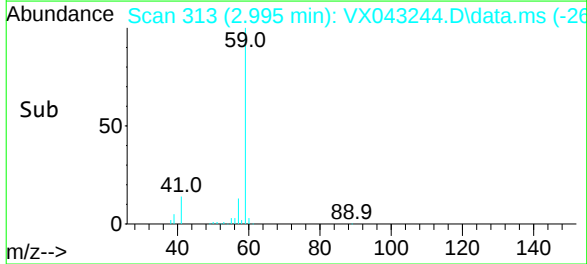
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



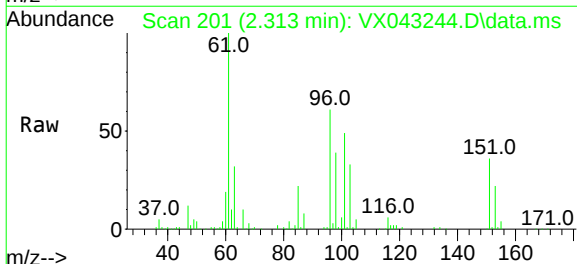
Tgt Ion: 59 Resp: 91520
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

Manual Integrations
APPROVED

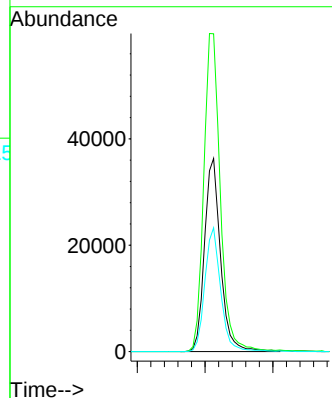
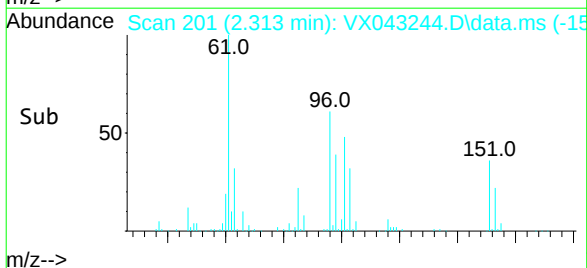
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

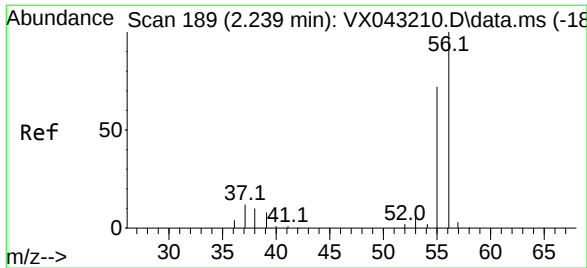


#12
1,1-Dichloroethene
Concen: 43.841 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10



Tgt Ion: 96 Resp: 59649
Ion Ratio Lower Upper
96 100
61 164.5 130.6 195.8
98 64.1 51.7 77.5





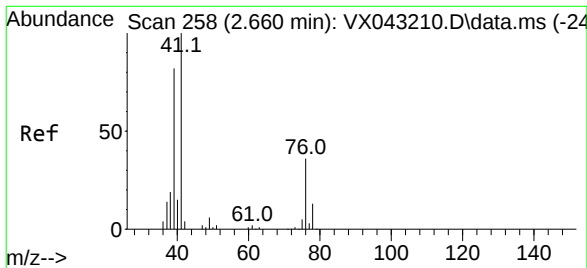
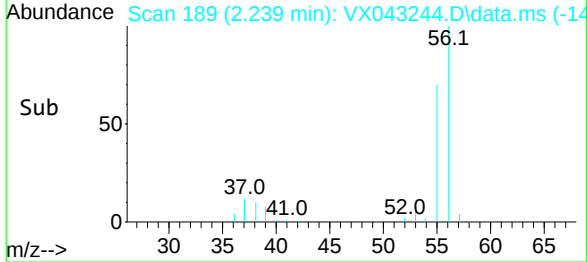
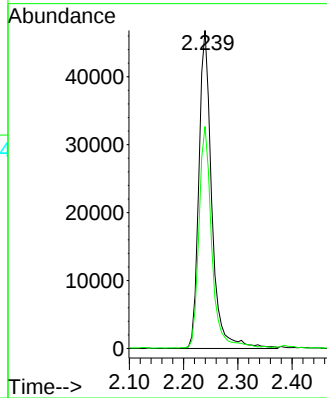
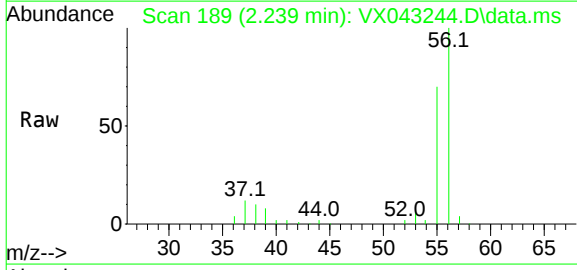
#13
Acrolein
Concen: 215.277 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 77383
Ion Ratio Lower Upper
56 100
55 69.1 57.4 86.0

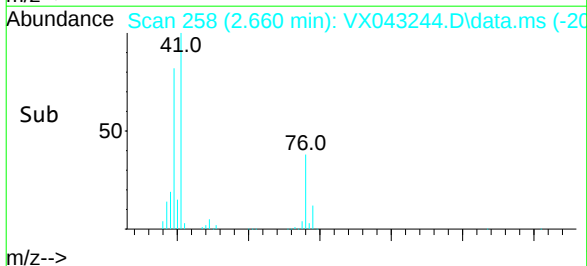
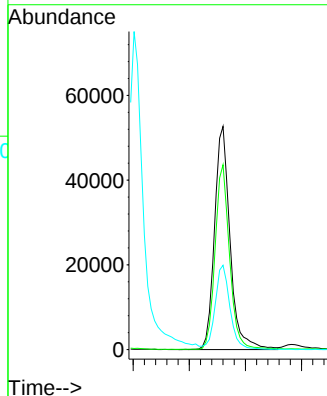
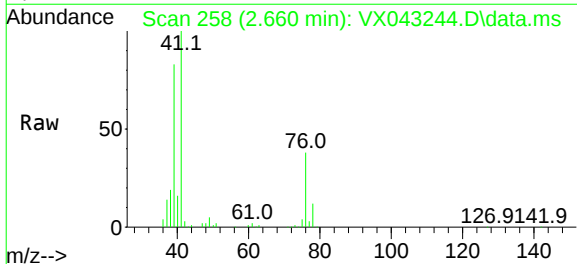
Manual Integrations
APPROVED

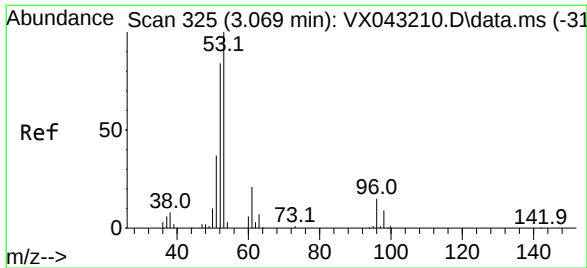
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#14
Allyl chloride
Concen: 45.555 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 41 Resp: 101829
Ion Ratio Lower Upper
41 100
39 76.7 61.7 92.5
76 35.8 28.6 43.0





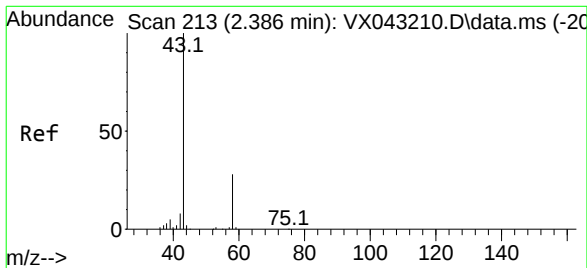
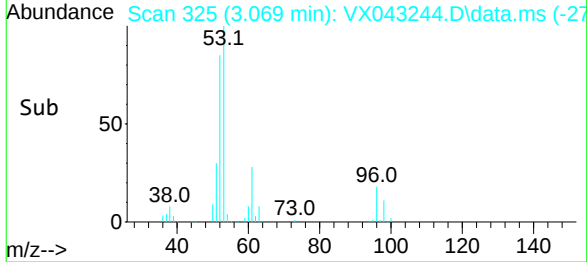
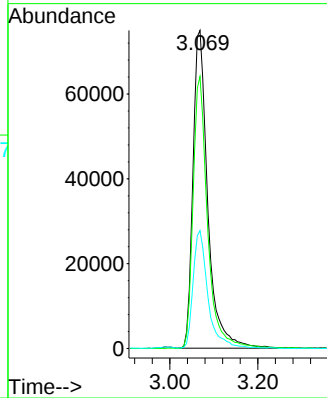
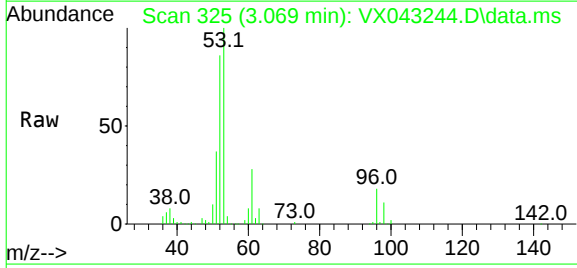
#15
Acrylonitrile
Concen: 225.838 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 175504
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 37.0 30.3 45.5

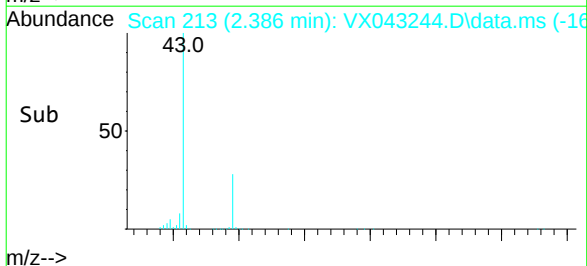
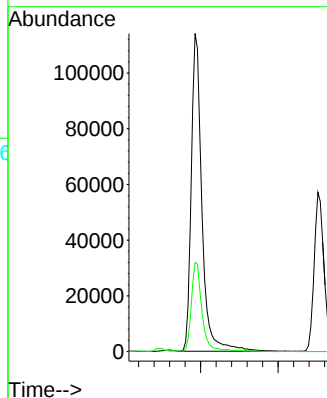
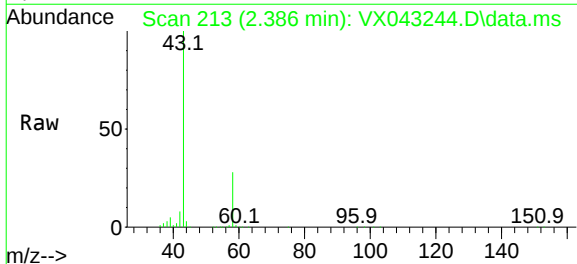
Manual Integrations
APPROVED

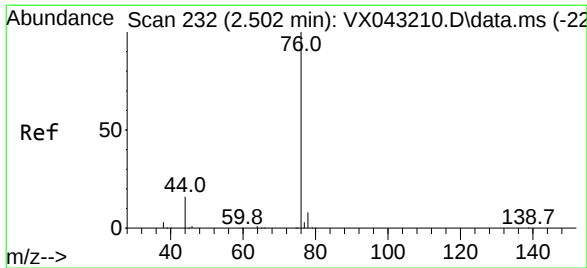
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#16
Acetone
Concen: 260.262 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 43 Resp: 217371
Ion Ratio Lower Upper
43 100
58 28.1 22.6 33.8





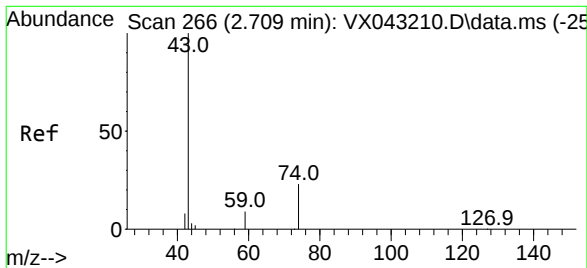
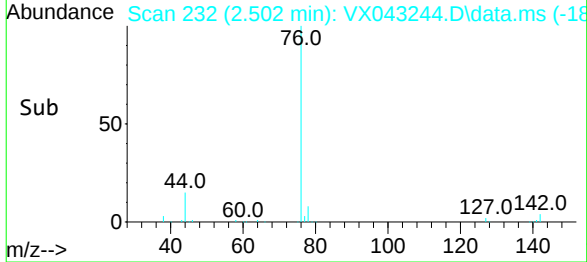
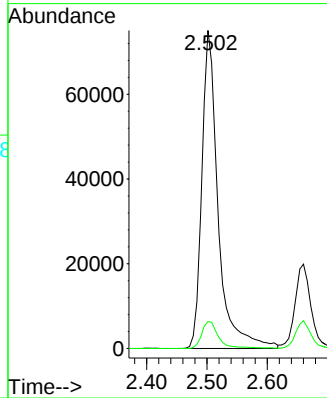
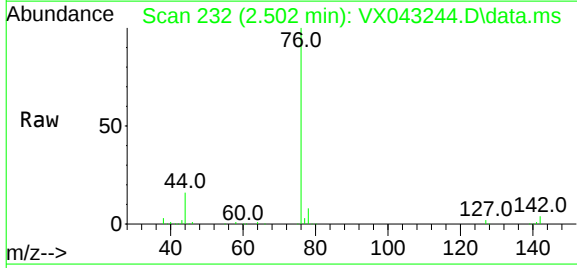
#17
Carbon Disulfide
Concen: 42.506 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 140668
Ion Ratio Lower Upper
76 100
78 8.5 6.7 10.1

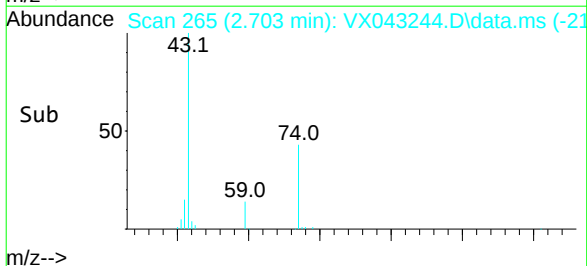
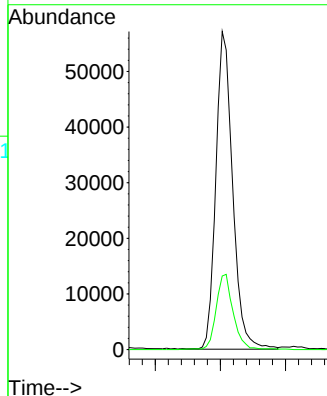
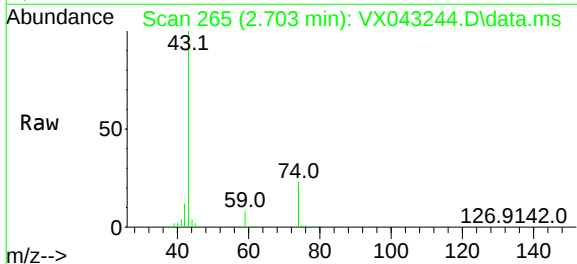
Manual Integrations
APPROVED

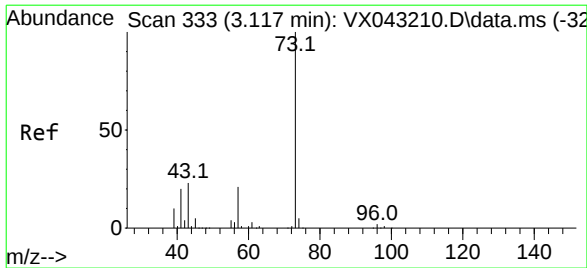
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#18
Methyl Acetate
Concen: 48.819 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

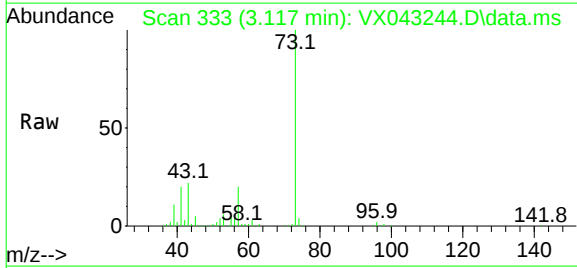
Tgt Ion: 43 Resp: 102286
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 45.890 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

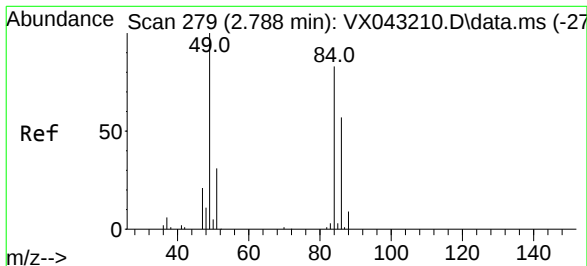
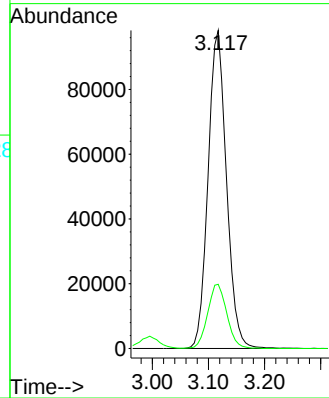
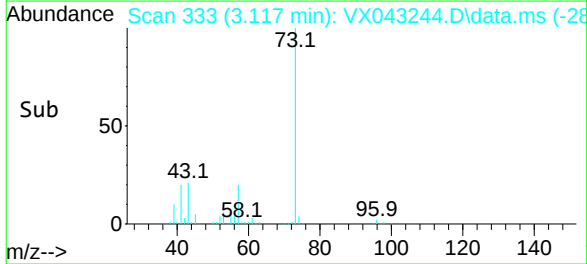
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 223380
Ion Ratio Lower Upper
73 100
57 20.2 16.7 25.1

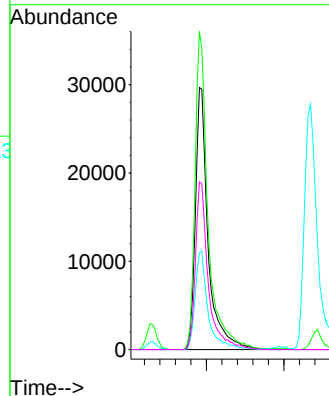
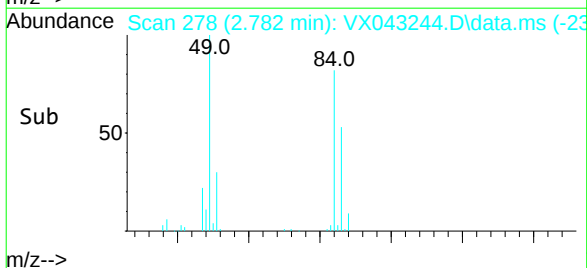
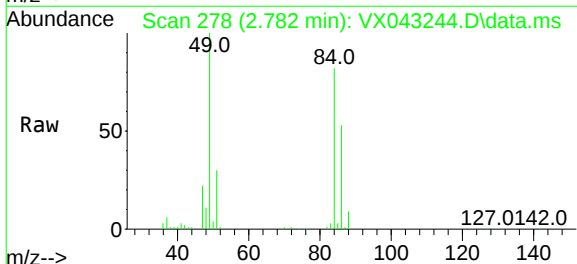
Manual Integrations
APPROVED

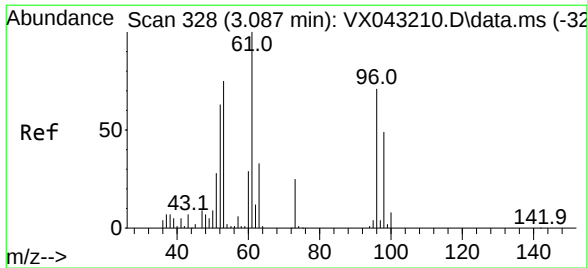
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#20
Methylene Chloride
Concen: 44.051 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 84 Resp: 67835
Ion Ratio Lower Upper
84 100
49 121.4 96.7 145.1
51 36.9 30.4 45.6
86 64.0 54.7 82.1





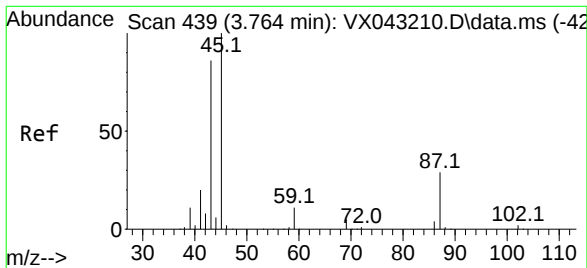
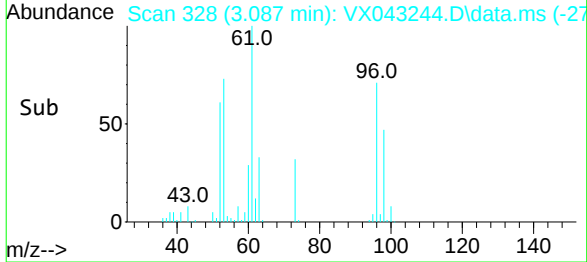
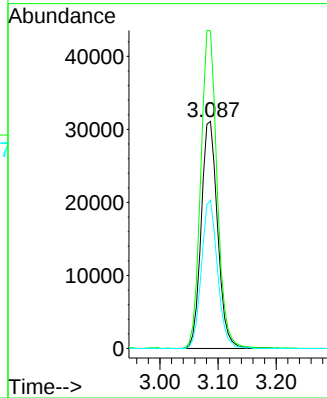
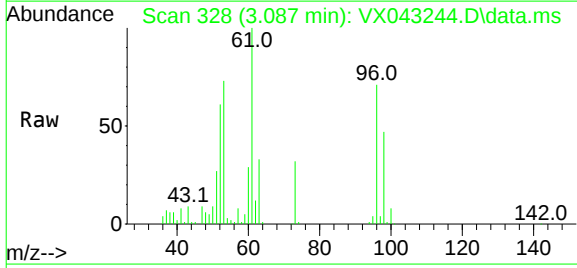
#21
trans-1,2-Dichloroethene
Concen: 45.053 ug/l
RT: 3.087 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.9	112.3	168.5
98	65.4	54.6	82.0

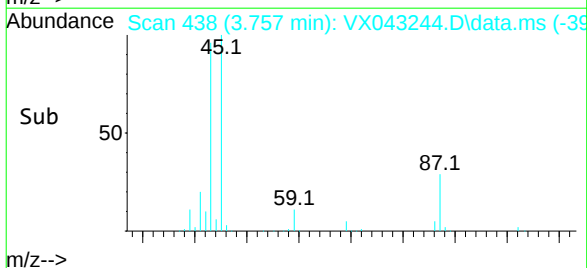
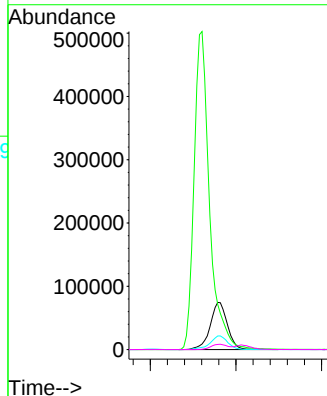
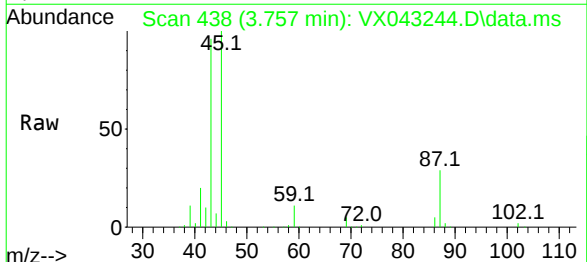
Manual Integrations
APPROVED

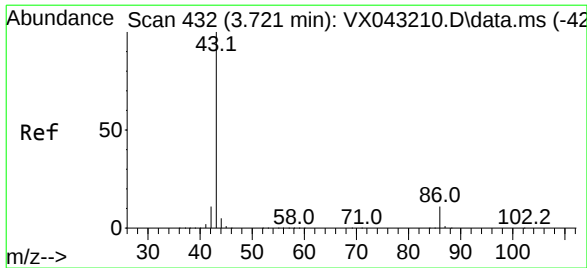
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#22
Diisopropyl ether
Concen: 46.100 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	95.8	68.5	102.7
87	28.8	23.0	34.4
59	10.9	8.8	13.2





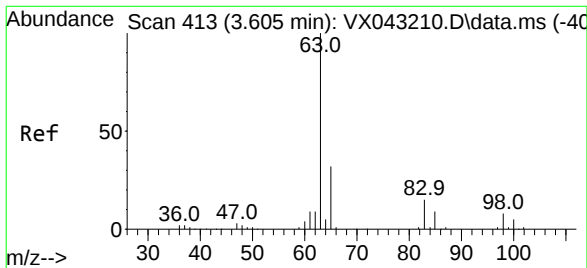
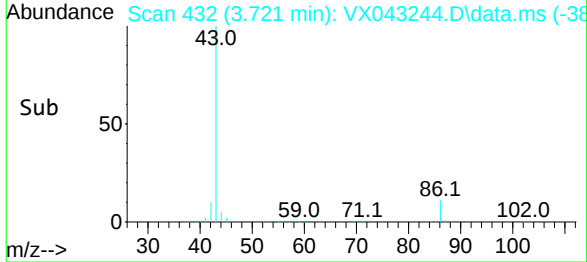
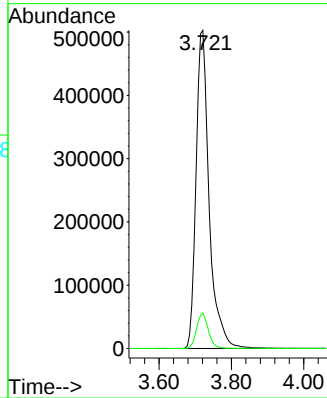
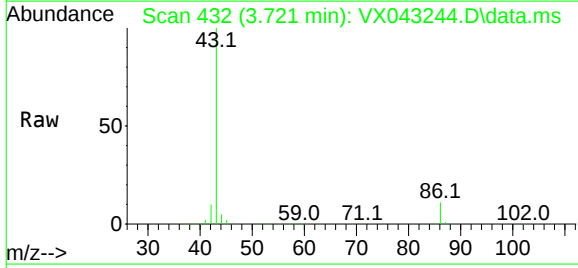
#23
 Vinyl Acetate
 Concen: 243.458 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX043244.D
 Acq: 03 Oct 2024 08:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1263057
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.8 13.2

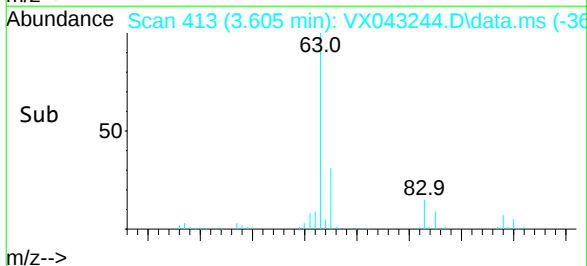
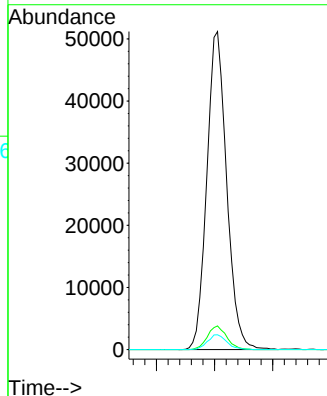
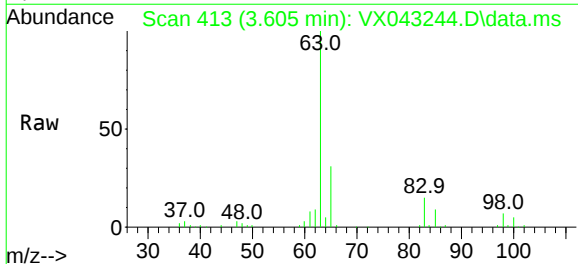
Manual Integrations
 APPROVED

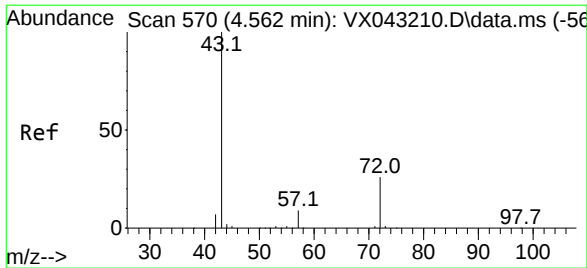
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#24
 1,1-Dichloroethane
 Concen: 46.341 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043244.D
 Acq: 03 Oct 2024 08:10

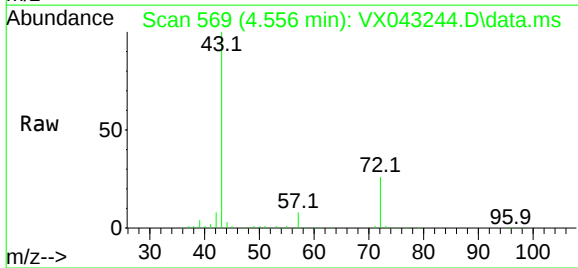
Tgt Ion: 63 Resp: 121378
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 236.365 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

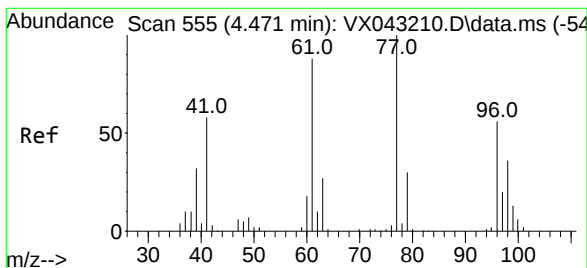
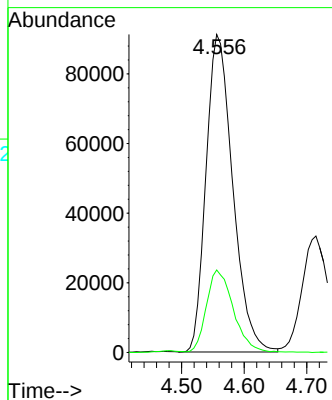
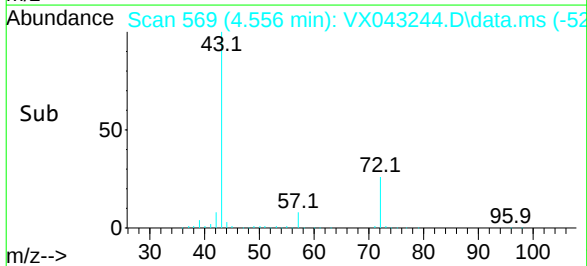
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 270679
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0

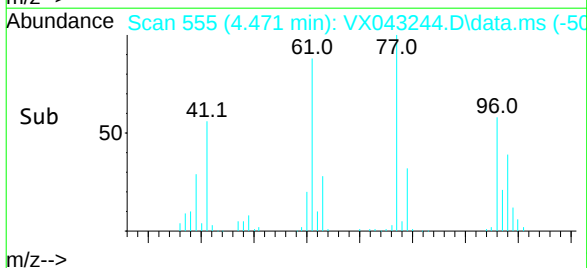
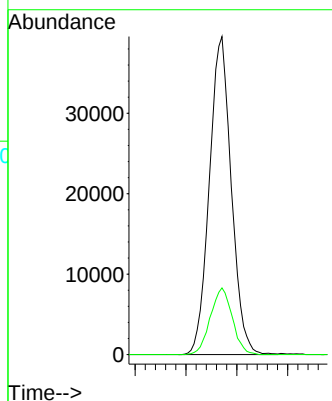
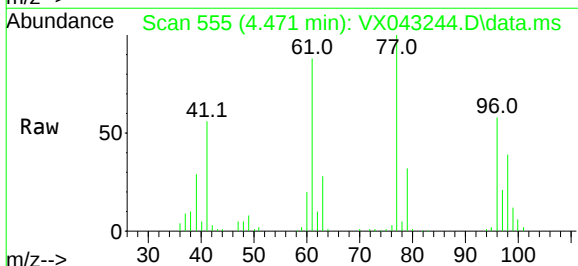
Manual Integrations
APPROVED

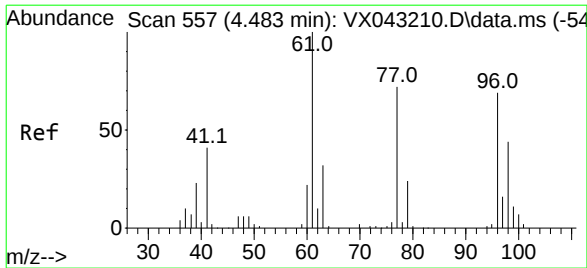
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#26
2,2-Dichloropropane
Concen: 47.576 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

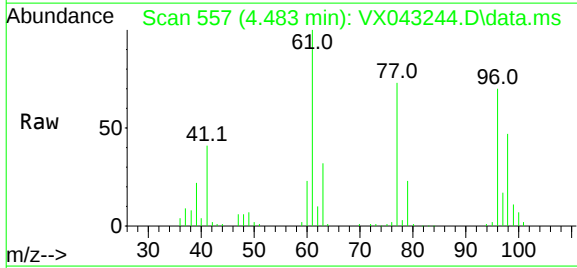
Tgt Ion: 77 Resp: 118564
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 45.266 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX043244.D
 Acq: 03 Oct 2024 08:10

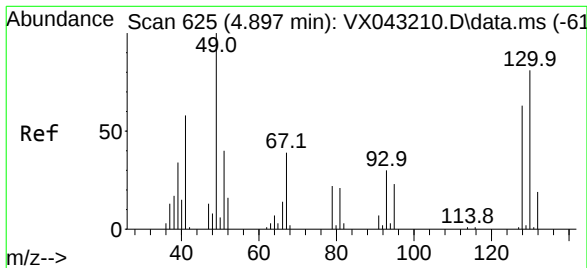
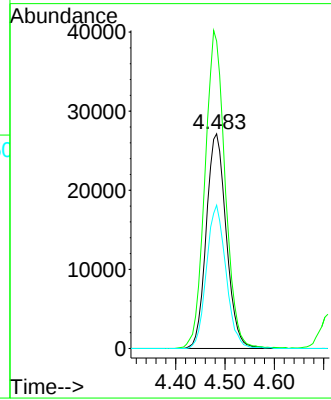
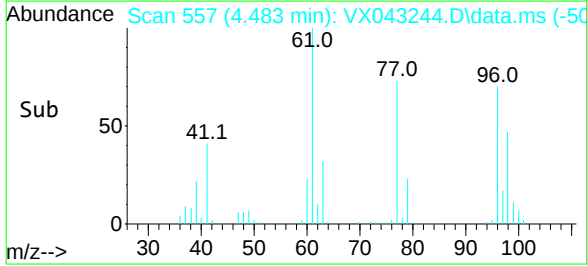
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 76444
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 298.2
 98 64.9 0.0 128.6

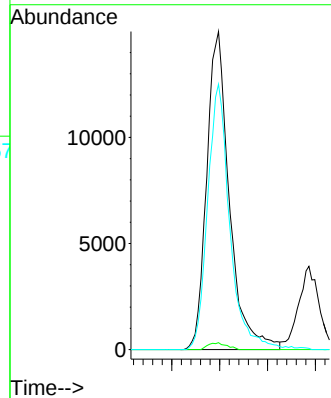
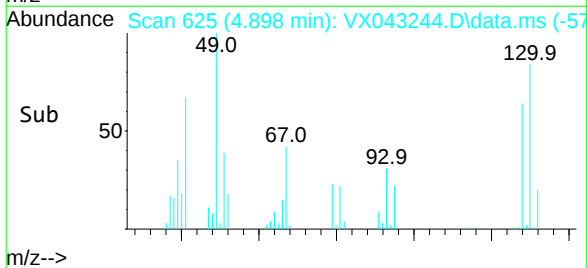
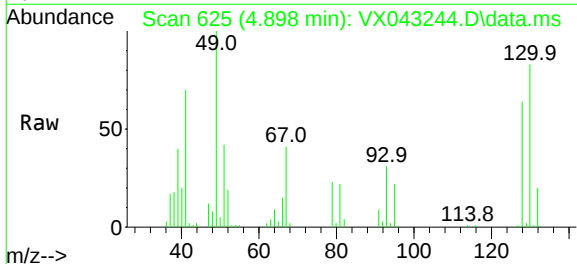
Manual Integrations
 APPROVED

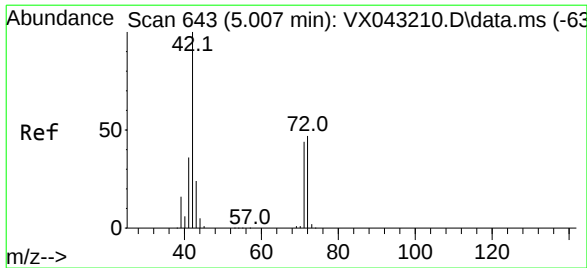
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#28
 Bromochloromethane
 Concen: 47.714 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX043244.D
 Acq: 03 Oct 2024 08:10

Tgt Ion: 49 Resp: 49305
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 81.3 65.5 98.3





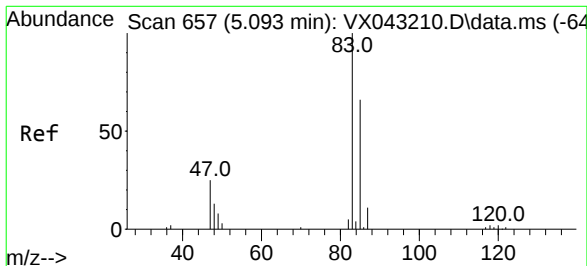
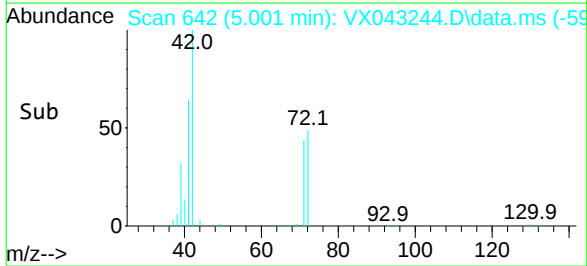
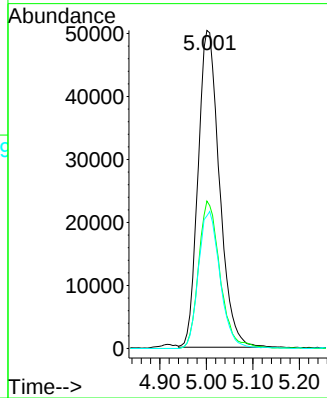
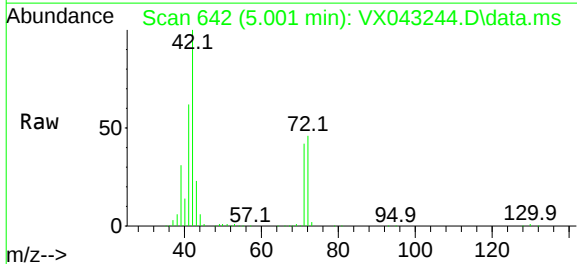
#29
Tetrahydrofuran
Concen: 220.071 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 160547
Ion Ratio Lower Upper
42 100
72 46.9 37.7 56.5
71 43.7 34.6 52.0

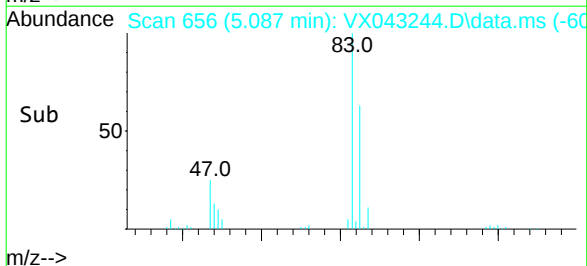
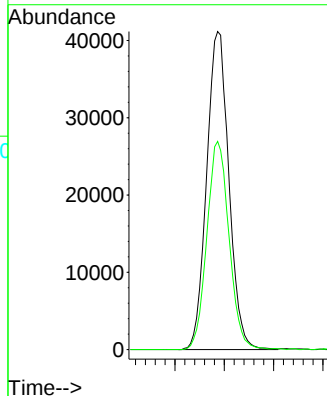
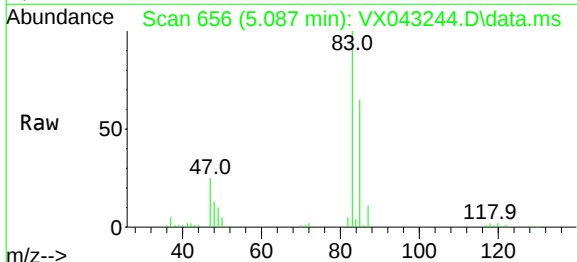
Manual Integrations
APPROVED

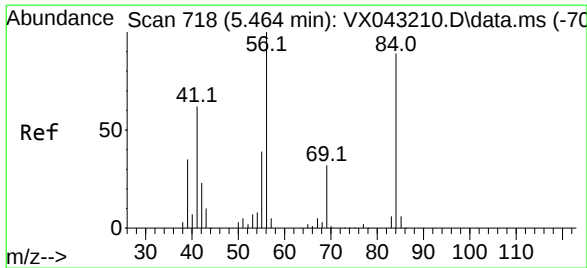
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#30
Chloroform
Concen: 44.739 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 83 Resp: 128688
Ion Ratio Lower Upper
83 100
85 65.5 52.5 78.7





#31

Cyclohexane

Concen: 43.965 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 94877

Ion Ratio Lower Upper

56 100

69 30.6 25.8 38.6

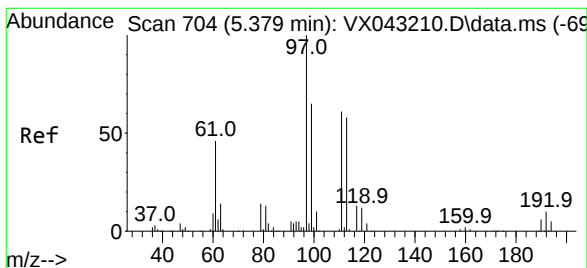
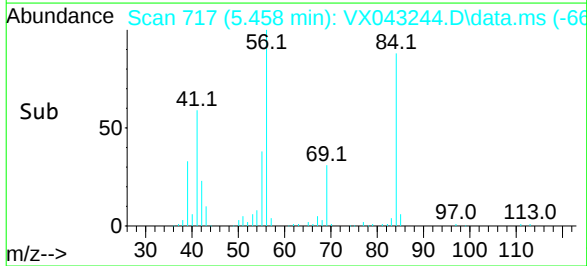
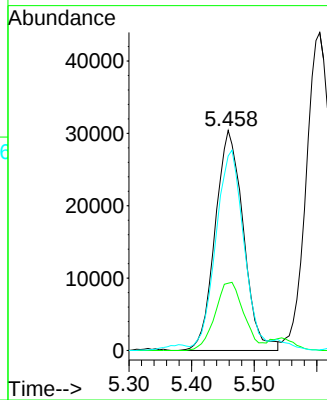
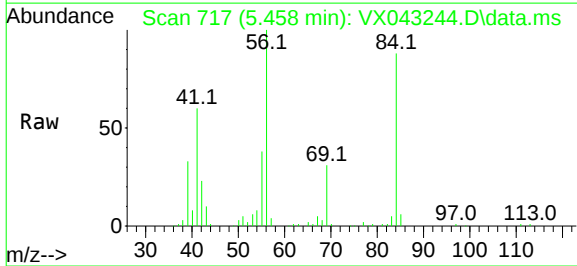
84 85.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#32

1,1,1-Trichloroethane

Concen: 45.556 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

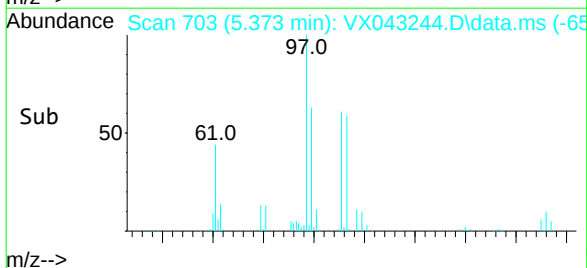
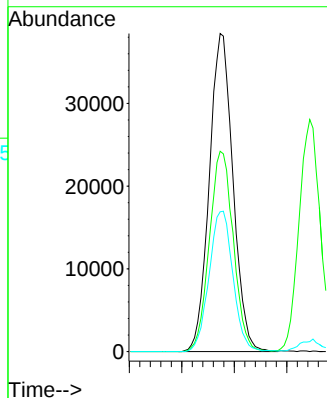
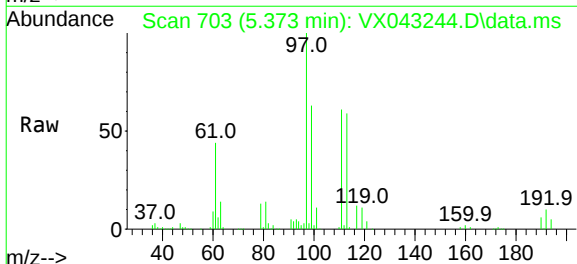
Tgt Ion: 97 Resp: 120357

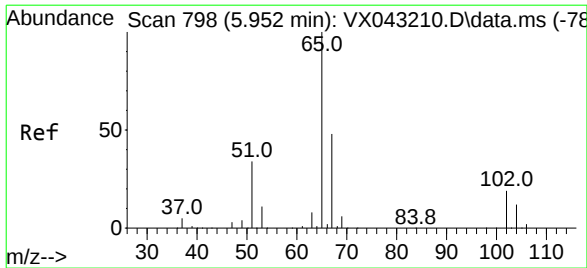
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 44.5 35.6 53.4





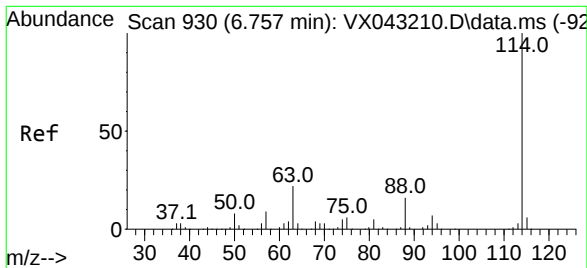
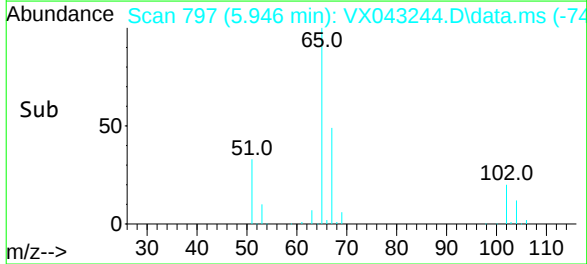
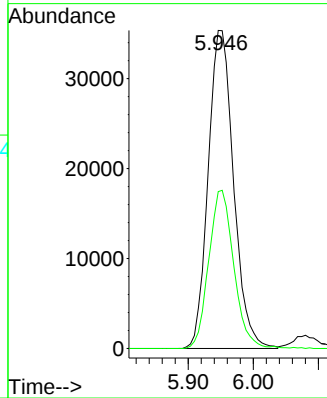
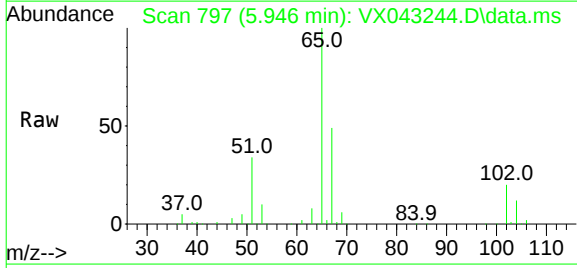
#33
1,2-Dichloroethane-d4
Concen: 47.915 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 95829
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

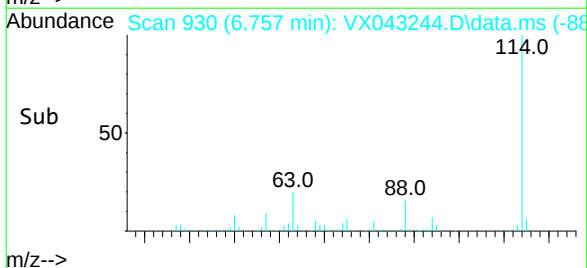
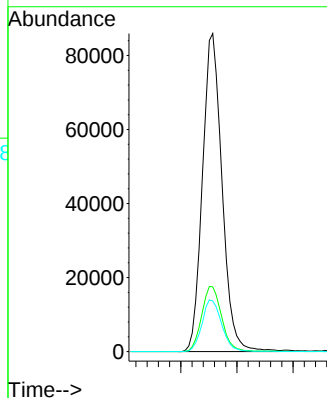
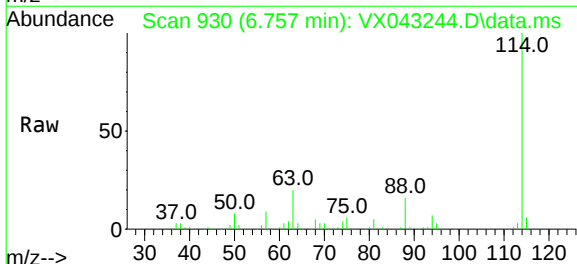
Manual Integrations
APPROVED

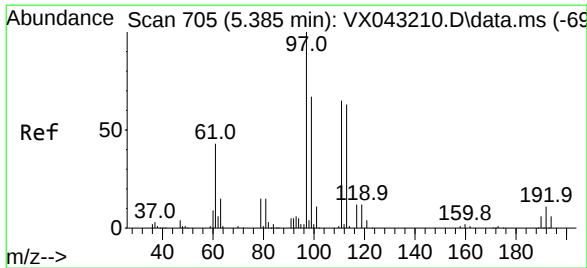
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:114 Resp: 207979
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.0
88 15.9 0.0 33.0





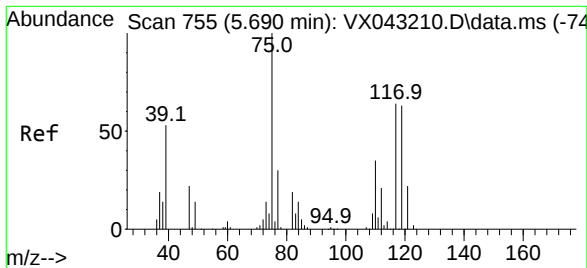
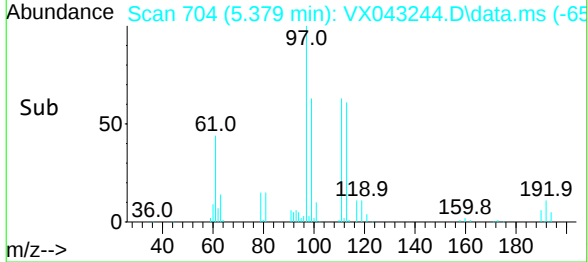
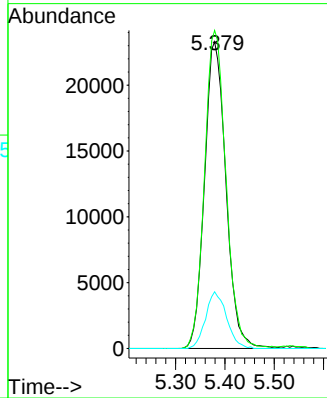
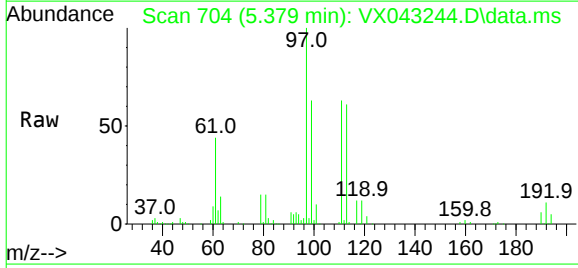
#35
Dibromofluoromethane
Concen: 48.966 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	18.1	14.1	21.1

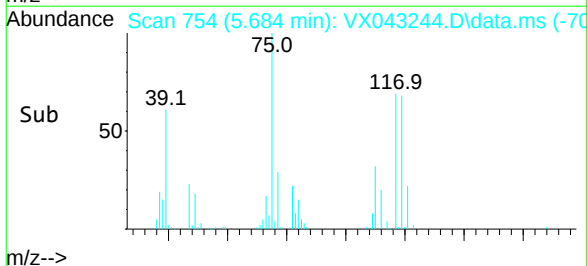
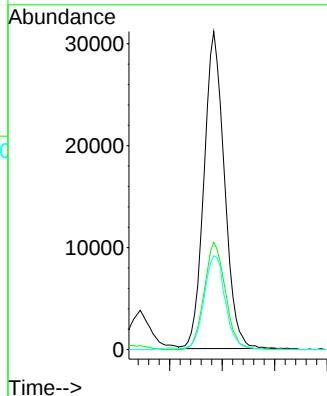
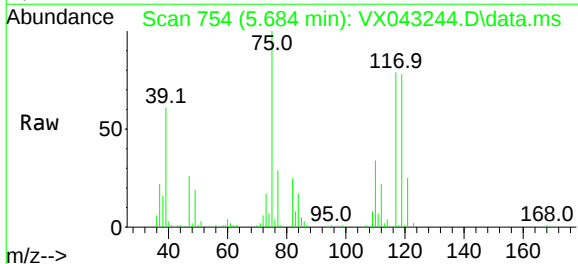
Manual Integrations
APPROVED

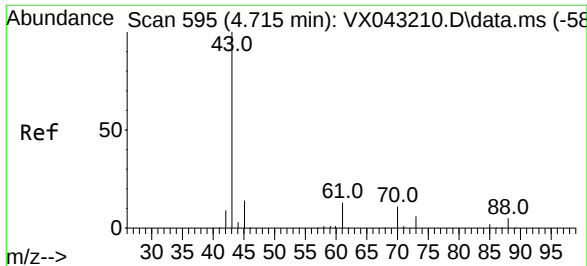
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#36
1,1-Dichloropropene
Concen: 46.406 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.8	53.3
77	31.0	24.9	37.3





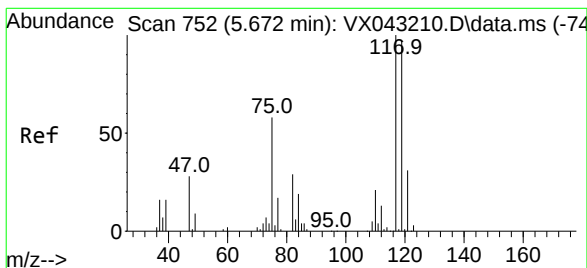
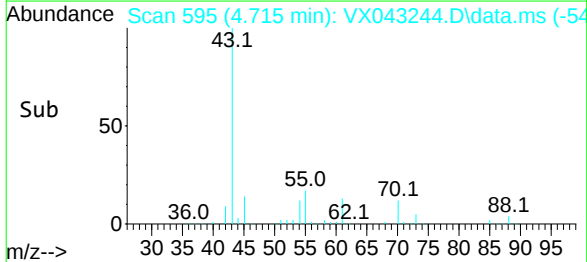
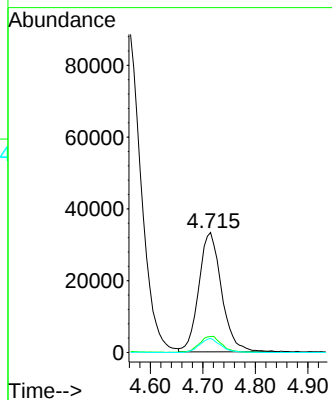
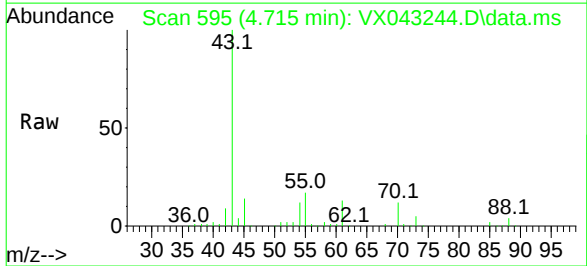
#37
Ethyl Acetate
Concen: 46.096 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 100304
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.7 8.9 13.3

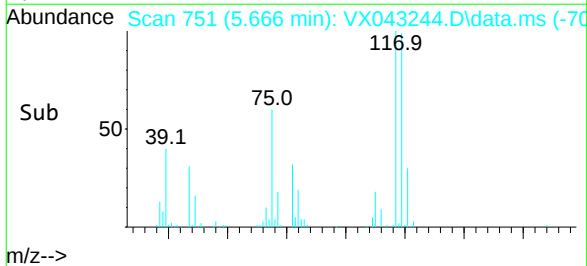
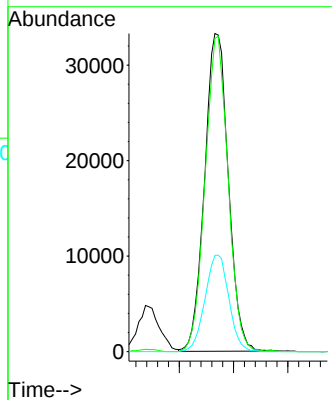
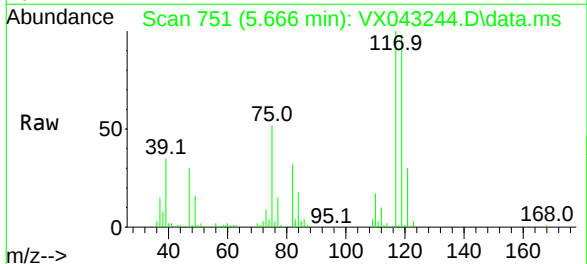
Manual Integrations
APPROVED

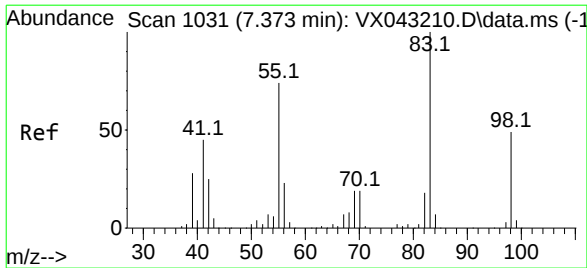
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#38
Carbon Tetrachloride
Concen: 47.213 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:117 Resp: 101275
Ion Ratio Lower Upper
117 100
119 98.6 77.7 116.5
121 30.3 24.3 36.5





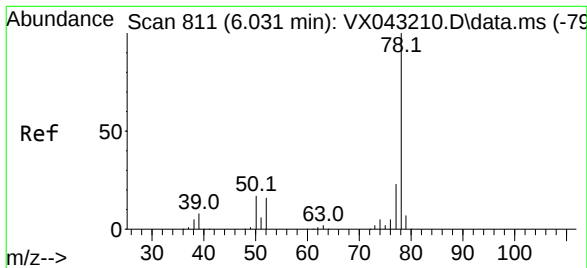
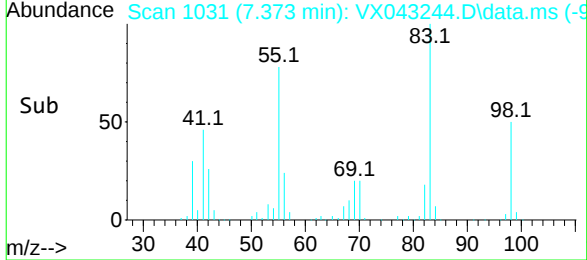
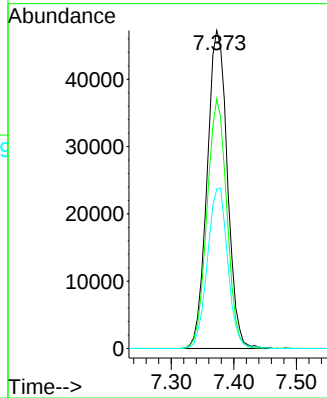
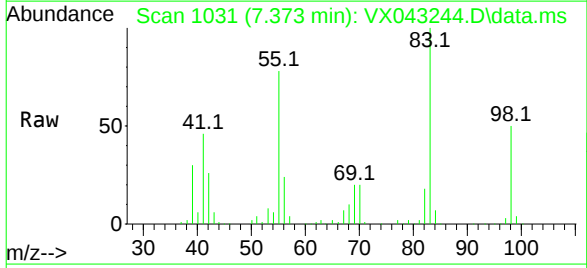
#39
Methylcyclohexane
Concen: 46.660 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 106335
Ion Ratio Lower Upper
83 100
55 78.5 59.4 89.2
98 50.1 39.3 58.9

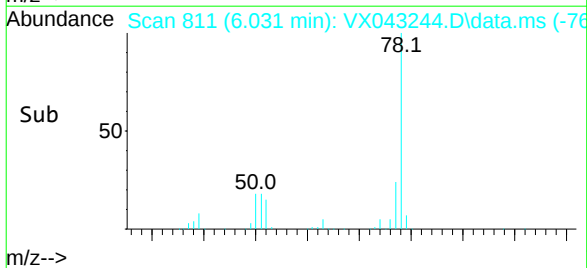
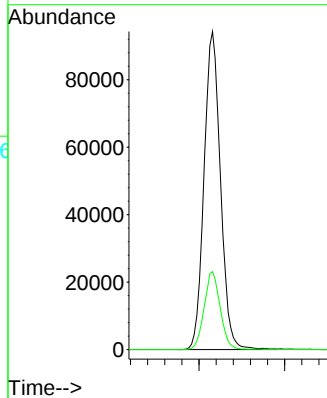
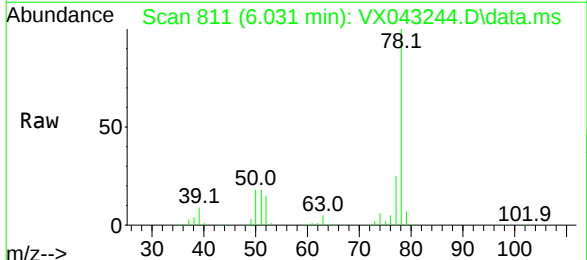
Manual Integrations
APPROVED

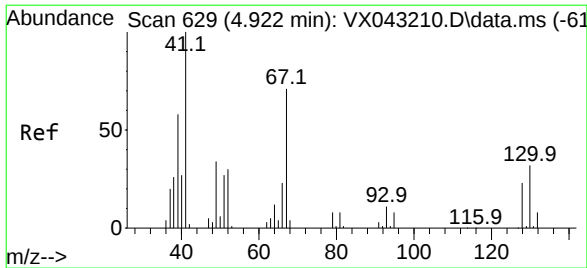
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#40
Benzene
Concen: 45.717 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 78 Resp: 251159
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2





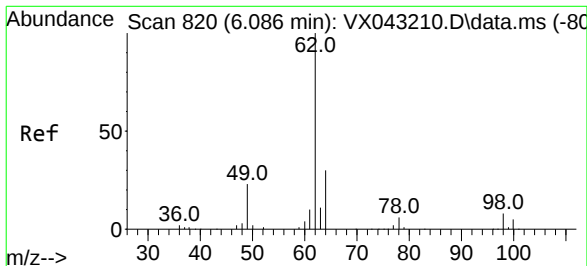
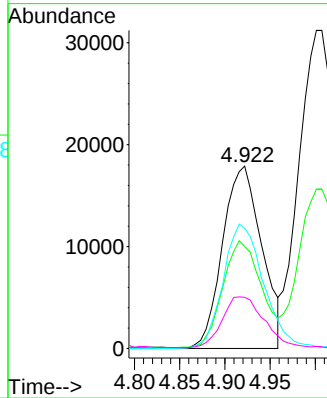
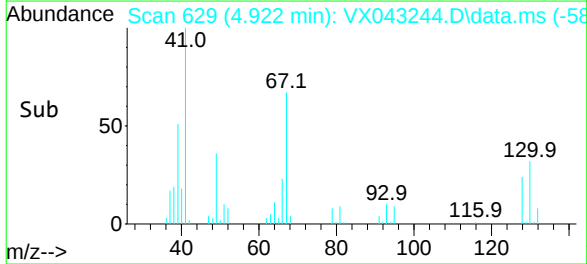
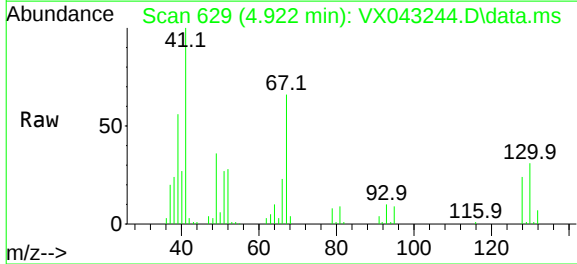
#41
Methacrylonitrile
Concen: 47.643 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	53965
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.0	67.4
67	71.0	56.0	84.0
52	31.4	25.6	38.4

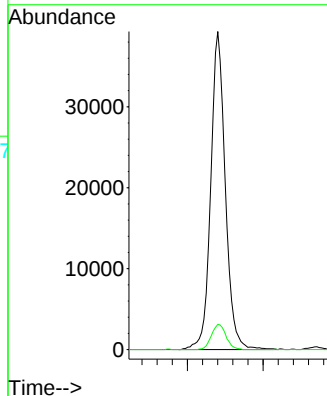
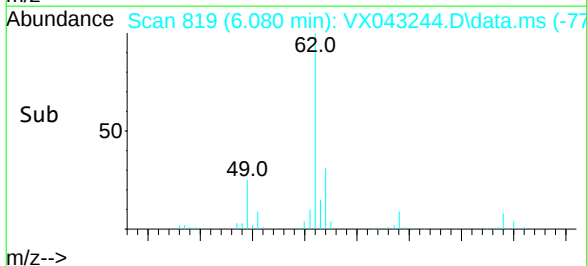
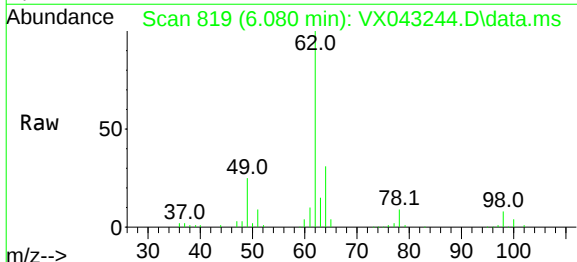
Manual Integrations
APPROVED

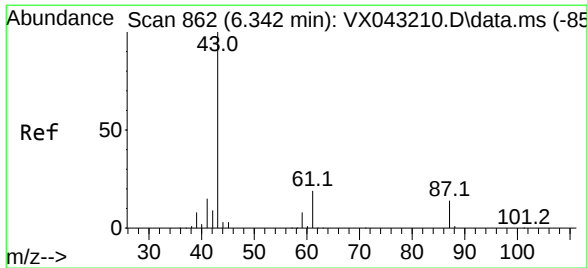
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#42
1,2-Dichloroethane
Concen: 47.001 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:	62	Resp:	105220
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 46.928 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

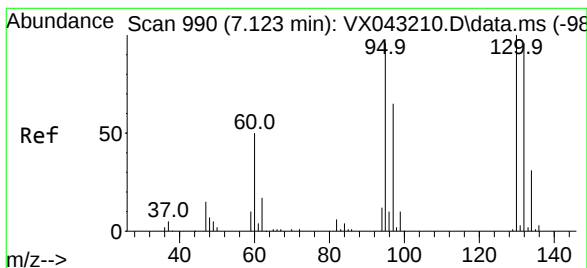
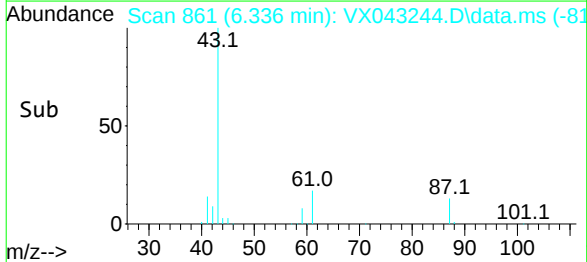
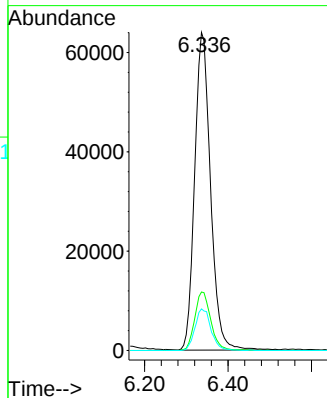
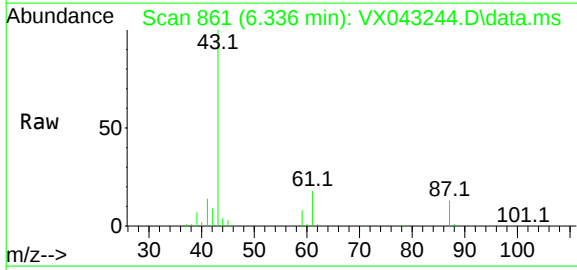
Tgt Ion:	43	Resp:	168663
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.1	22.7
87	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#44

Trichloroethene

Concen: 46.346 ug/l

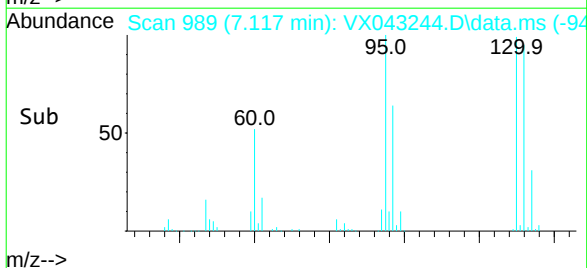
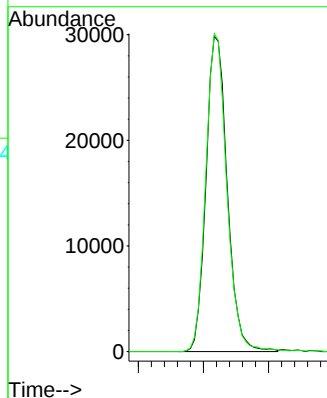
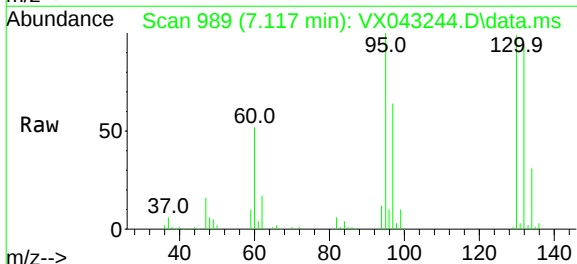
RT: 7.117 min Scan# 989

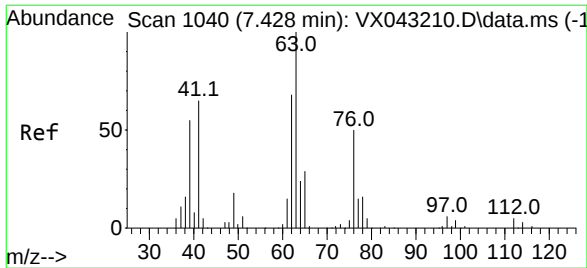
Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

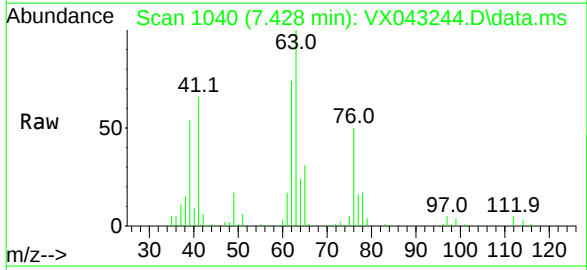
Tgt Ion:	130	Resp:	67533
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	192.2





#45
1,2-Dichloropropane
Concen: 46.831 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

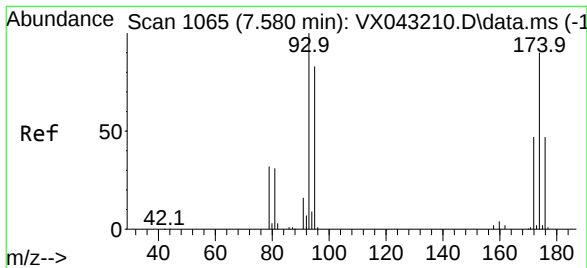
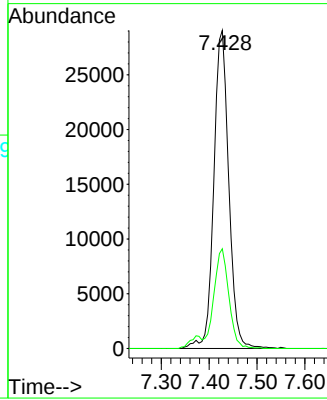
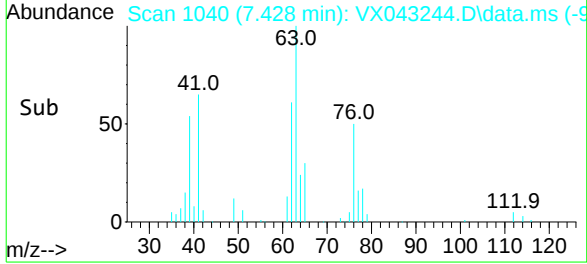
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 63137
Ion Ratio Lower Upper
63 100
65 31.3 23.2 34.8

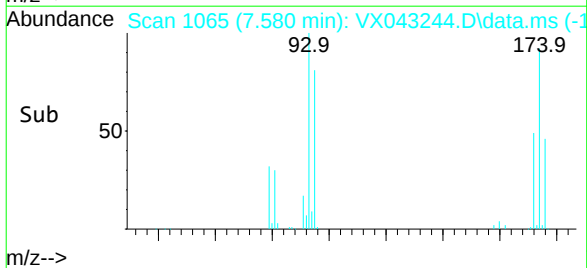
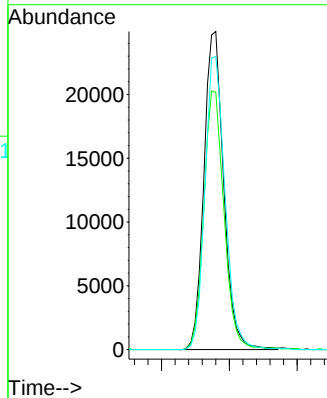
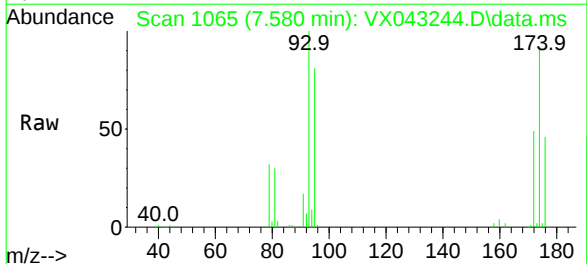
Manual Integrations
APPROVED

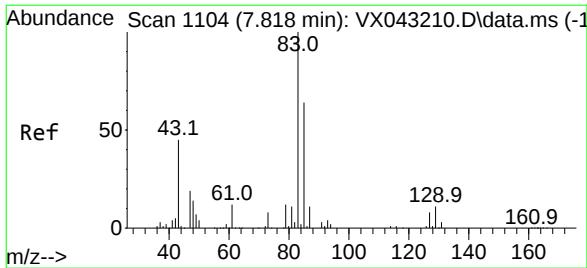
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#46
Dibromomethane
Concen: 46.826 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 93 Resp: 50588
Ion Ratio Lower Upper
93 100
95 82.8 65.8 98.8
174 93.5 74.5 111.7





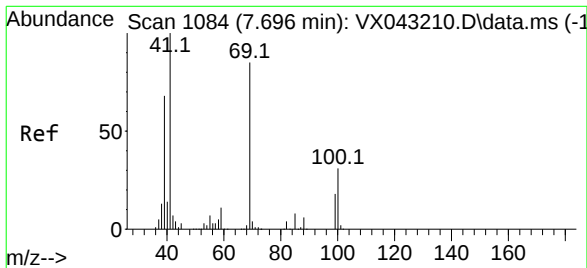
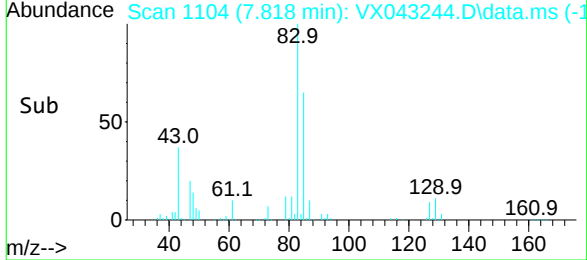
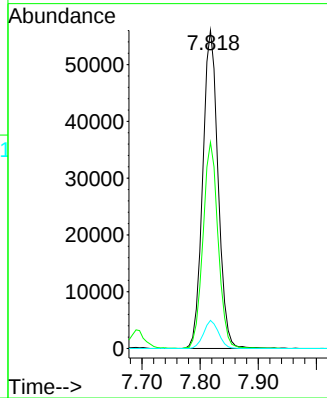
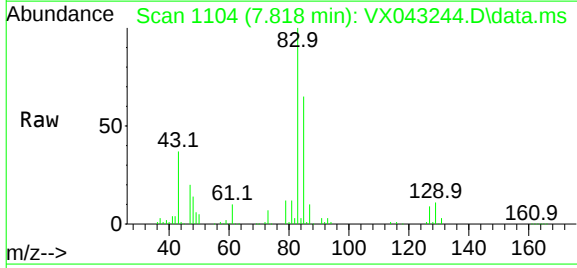
#47
Bromodichloromethane
Concen: 48.354 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 102703
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.8 6.2 9.4

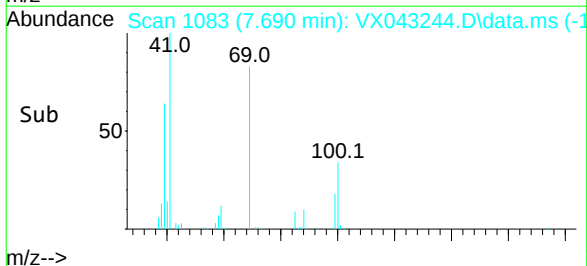
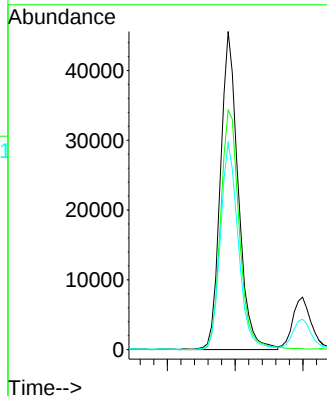
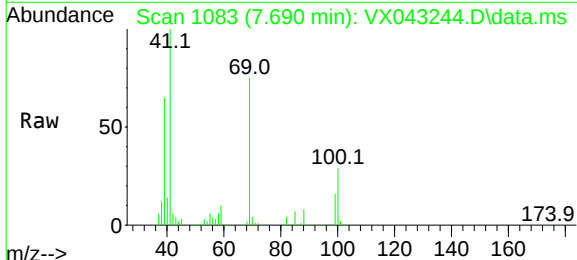
Manual Integrations
APPROVED

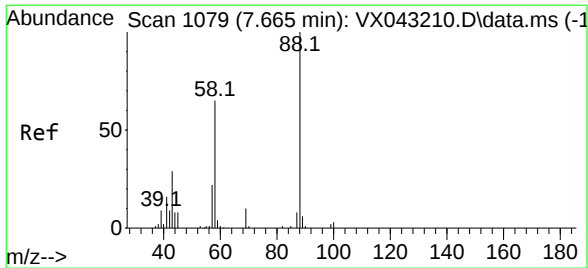
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#48
Methyl methacrylate
Concen: 47.234 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

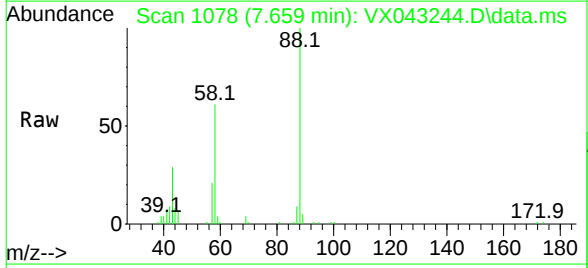
Tgt Ion: 41 Resp: 83296
Ion Ratio Lower Upper
41 100
69 78.8 64.1 96.1
39 65.6 52.8 79.2





#49
1,4-Dioxane
Concen: 963.068 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

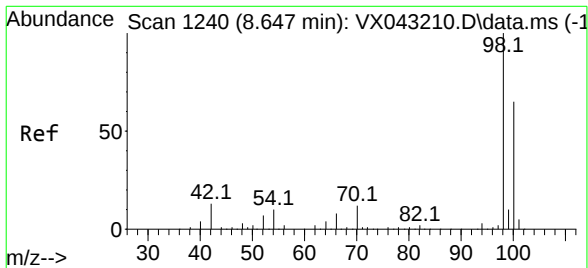
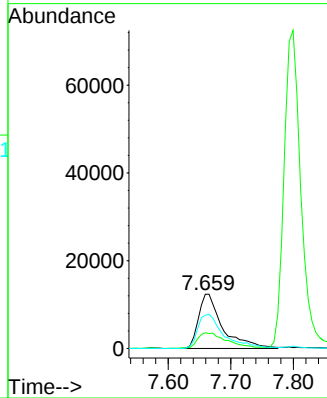
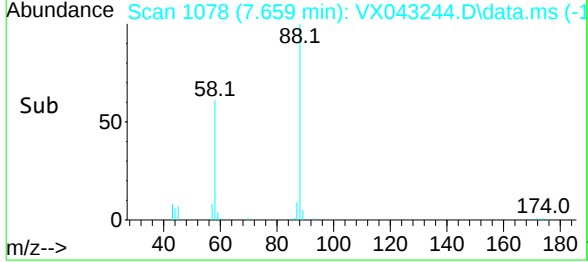
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 33014
Ion Ratio Lower Upper
88 100
43 36.6 29.5 44.3
58 68.4 55.2 82.8

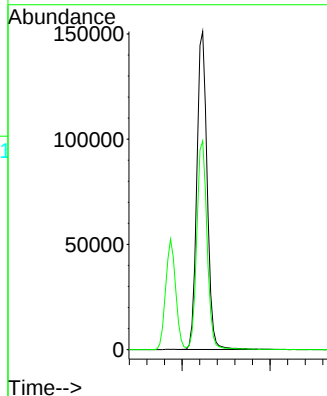
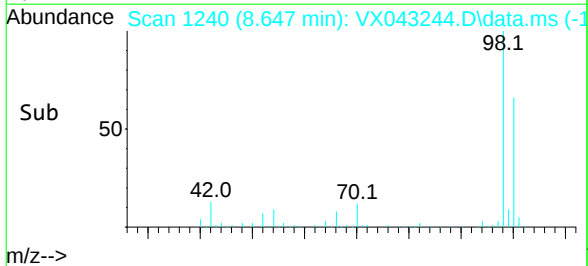
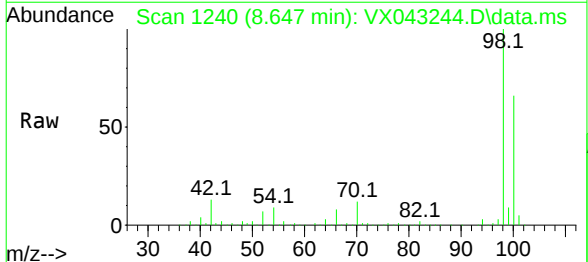
Manual Integrations
APPROVED

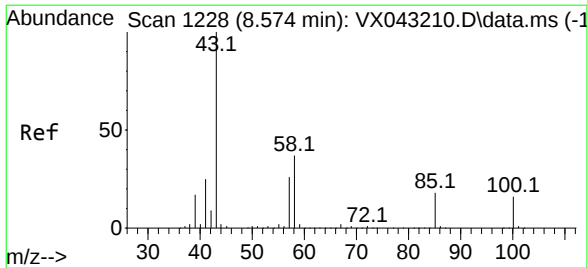
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#50
Toluene-d8
Concen: 49.380 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 98 Resp: 245446
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





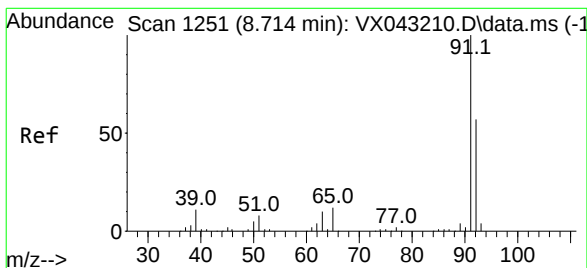
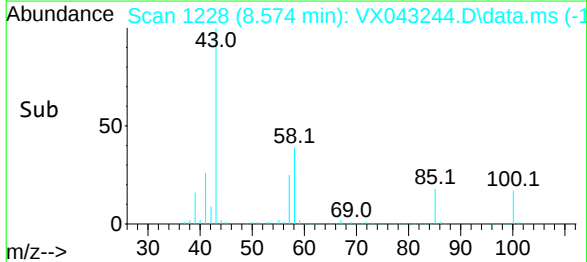
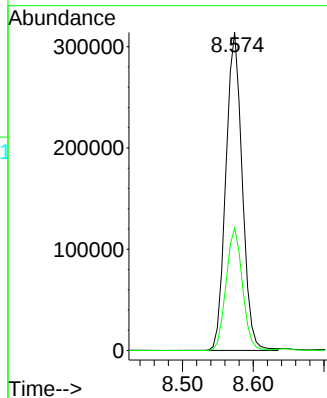
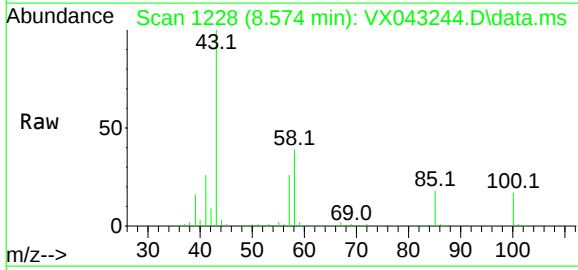
#51
4-Methyl-2-Pentanone
Concen: 230.437 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 503016
Ion Ratio Lower Upper
43 100
58 38.4 30.0 45.0

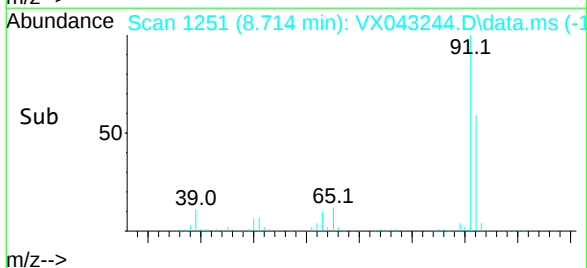
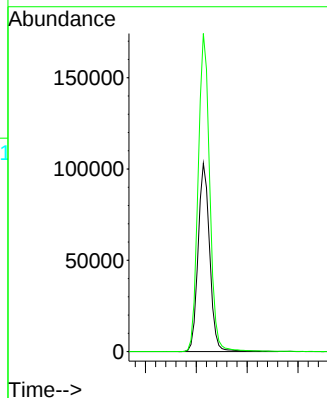
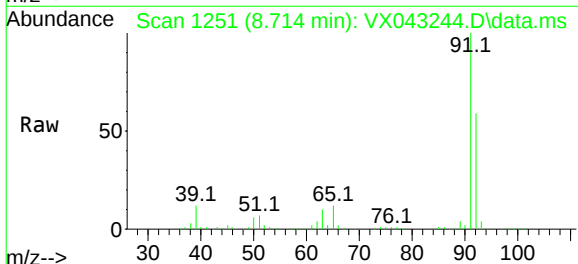
Manual Integrations
APPROVED

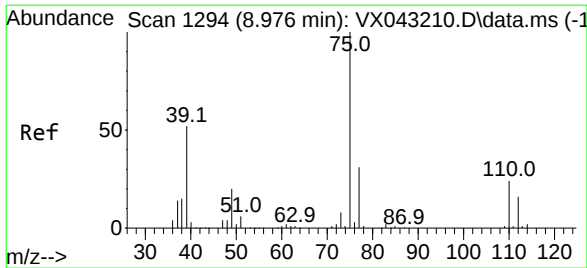
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#52
Toluene
Concen: 47.203 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

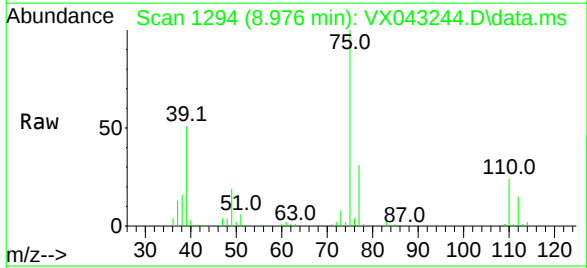
Tgt Ion: 92 Resp: 162527
Ion Ratio Lower Upper
92 100
91 169.5 137.0 205.4





#53
t-1,3-Dichloropropene
Concen: 49.364 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

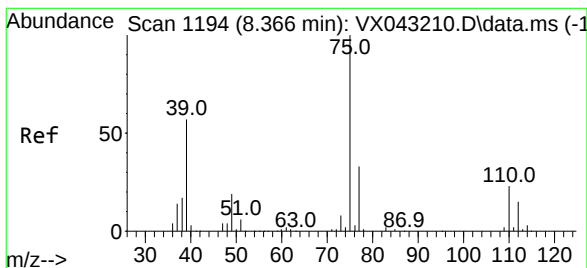
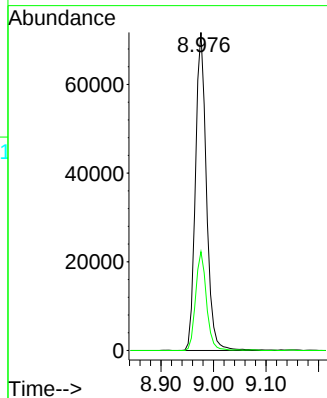
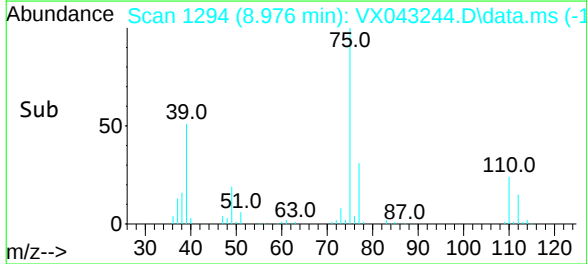
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 104188
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7

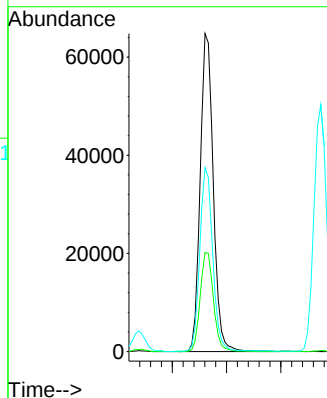
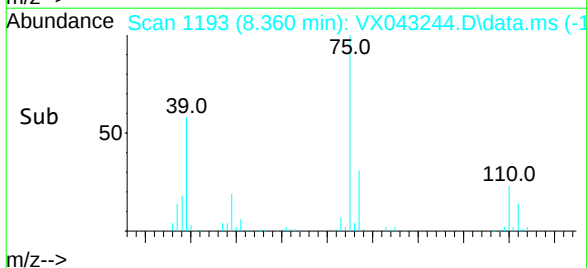
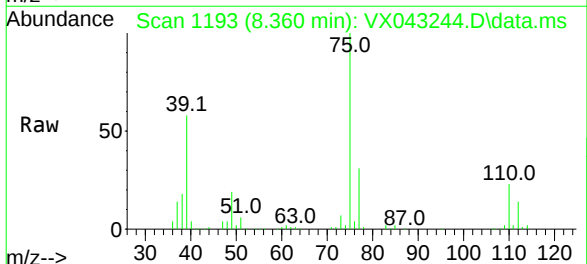
Manual Integrations
APPROVED

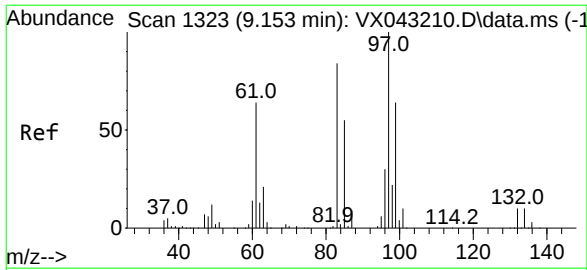
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#54
cis-1,3-Dichloropropene
Concen: 47.969 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

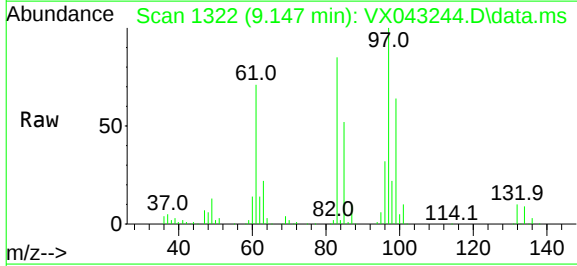
Tgt Ion: 75 Resp: 108586
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
39 57.7 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 46.494 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

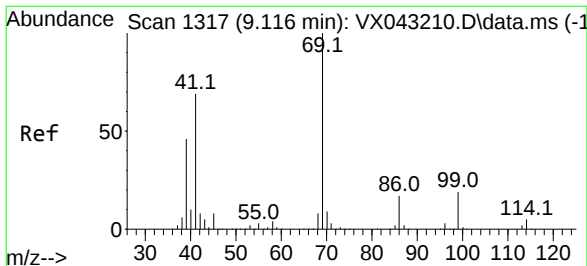
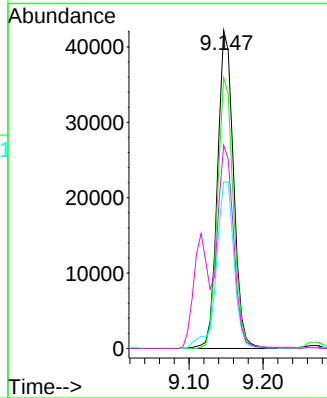
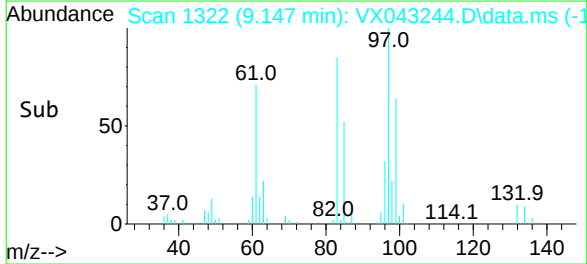
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 63620
Ion Ratio Lower Upper
97 100
83 85.1 66.9 100.3
85 52.3 43.9 65.9
99 63.9 51.6 77.4

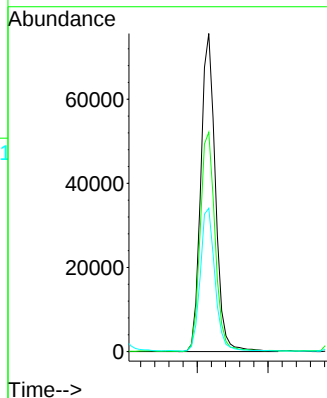
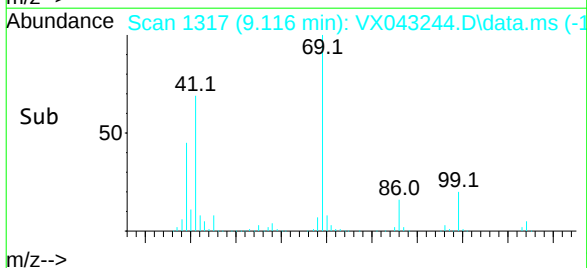
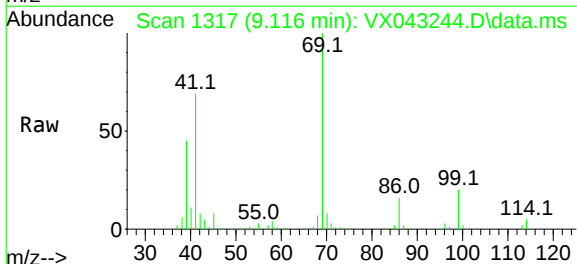
Manual Integrations
APPROVED

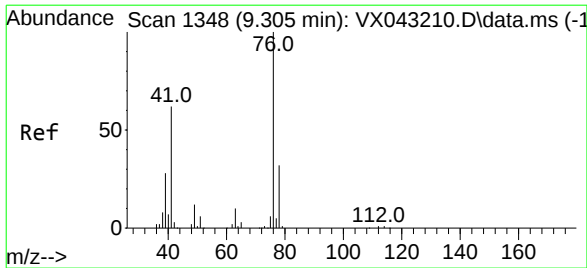
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#56
Ethyl methacrylate
Concen: 48.549 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

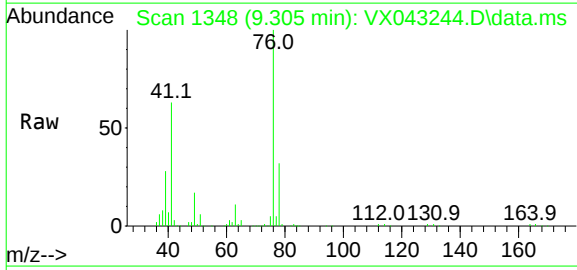
Tgt Ion: 69 Resp: 108612
Ion Ratio Lower Upper
69 100
41 70.4 56.1 84.1
39 45.5 36.4 54.6





#57
1,3-Dichloropropane
Concen: 46.607 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

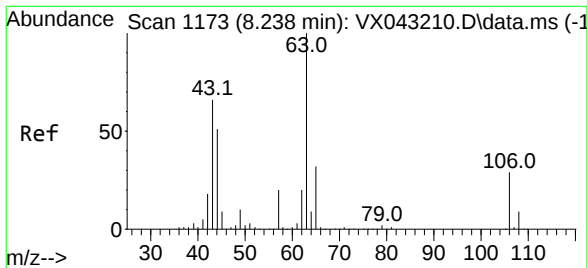
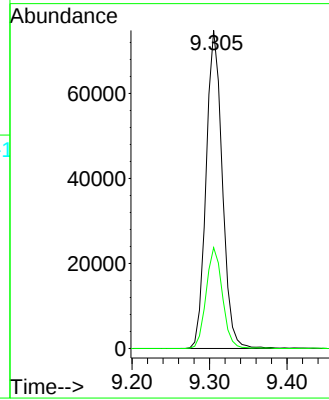
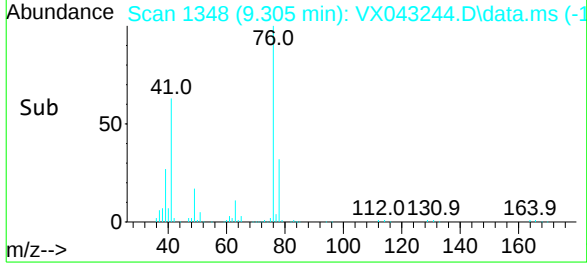
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 108621
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

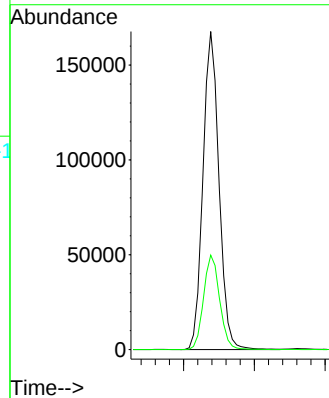
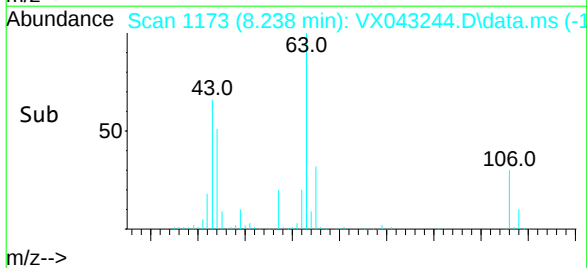
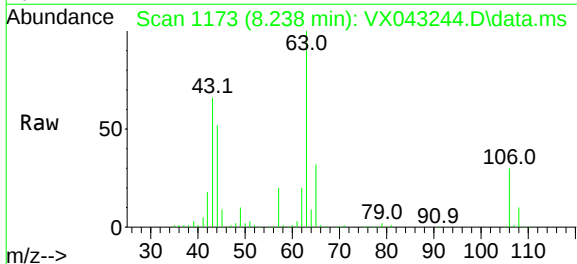
Manual Integrations
APPROVED

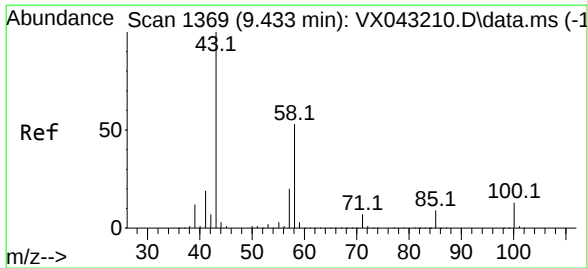
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 261.579 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 63 Resp: 263775
Ion Ratio Lower Upper
63 100
106 29.8 23.7 35.5





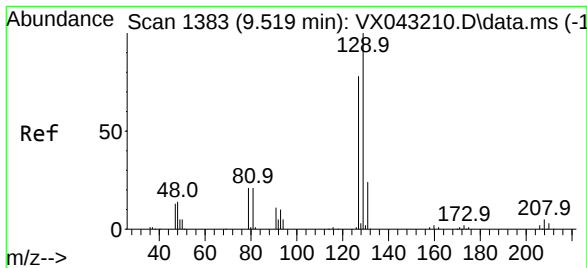
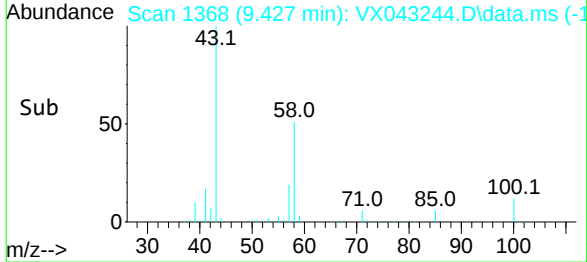
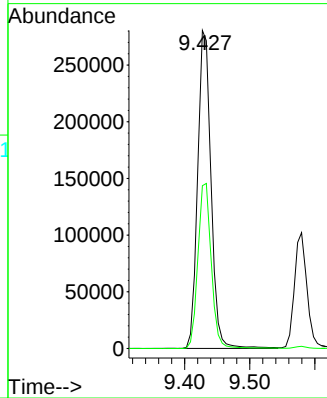
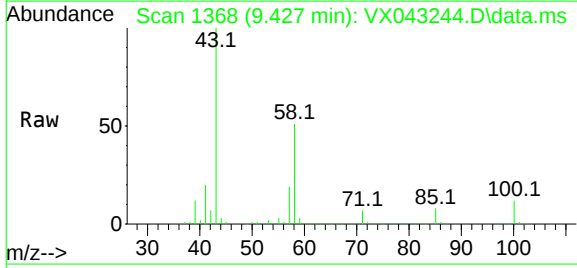
#59
2-Hexanone
Concen: 242.161 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 399742
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.3

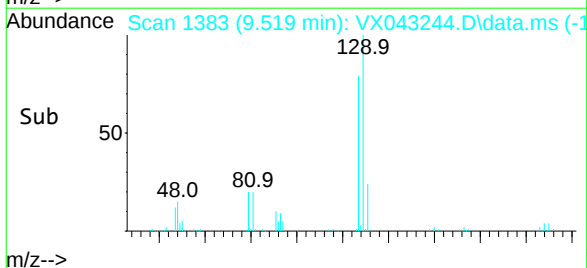
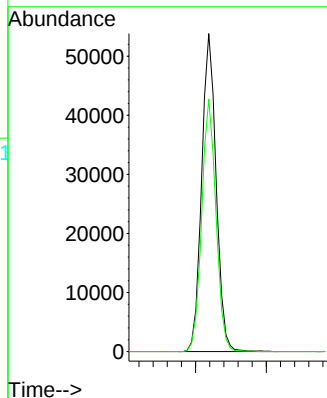
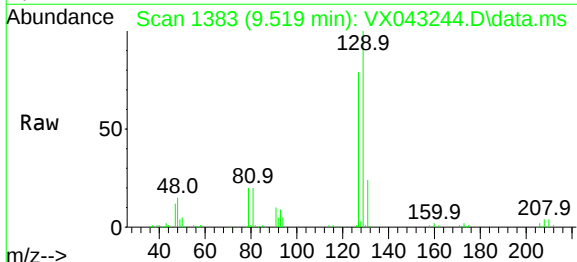
Manual Integrations
APPROVED

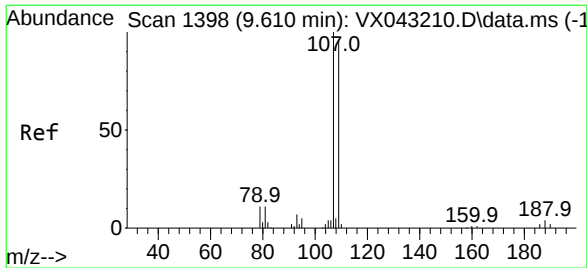
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#60
Dibromochloromethane
Concen: 48.249 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:129 Resp: 76592
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.9





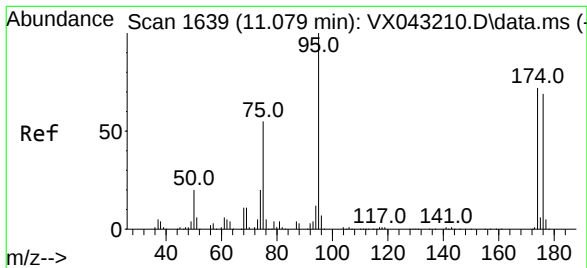
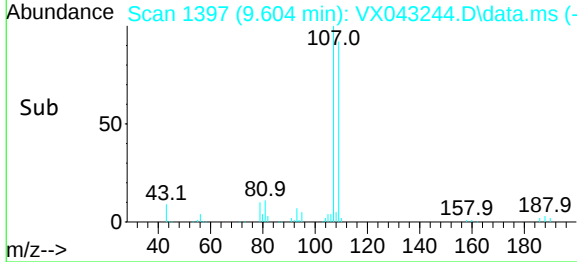
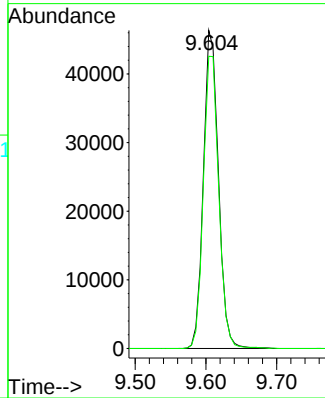
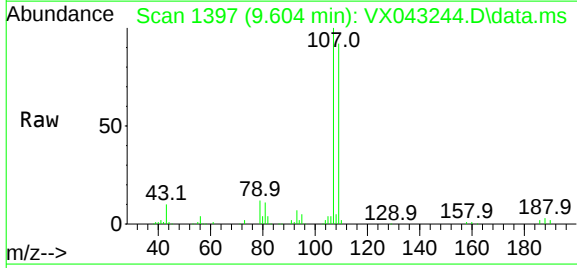
#61
1,2-Dibromoethane
Concen: 46.583 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 68485
Ion Ratio Lower Upper
107 100
109 94.4 76.1 114.1

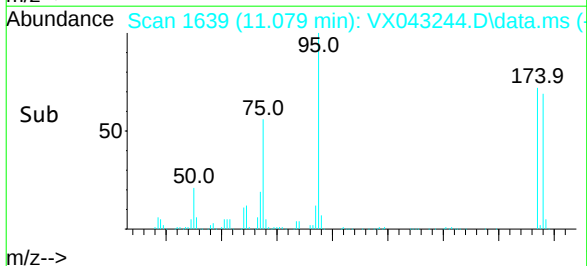
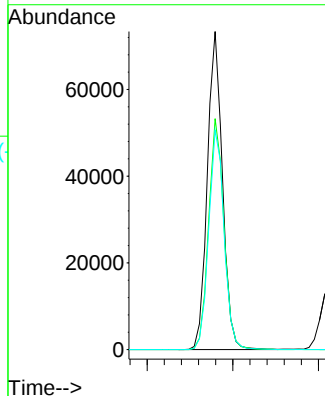
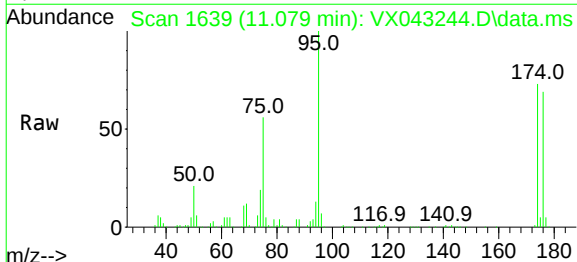
Manual Integrations
APPROVED

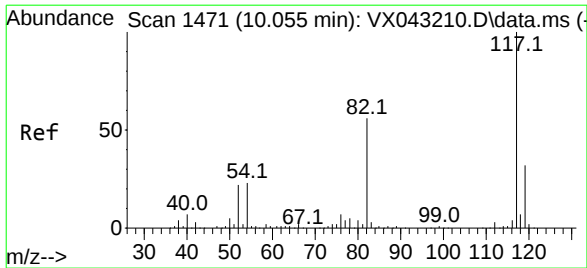
Reviewed By : John Carlone 10/04/2024
Supervised By : Mahesh Dadoda 10/04/2024



#62
4-Bromofluorobenzene
Concen: 49.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 95 Resp: 89940
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 70.2 0.0 143.0





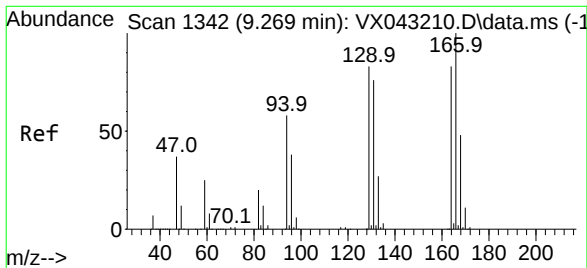
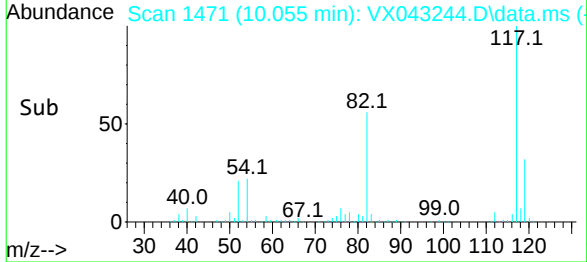
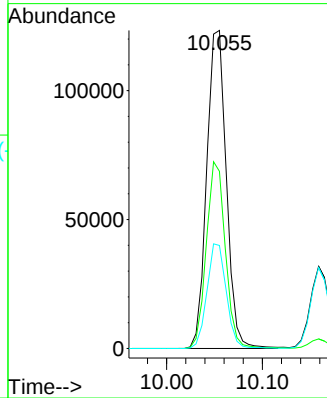
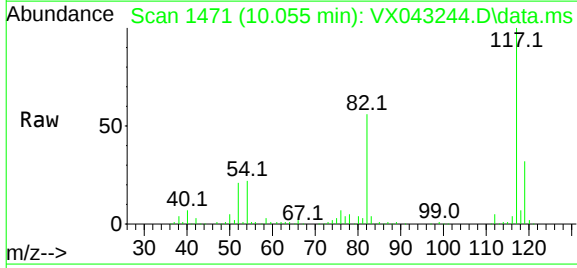
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	175623
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.6
119	32.4	25.3	37.9

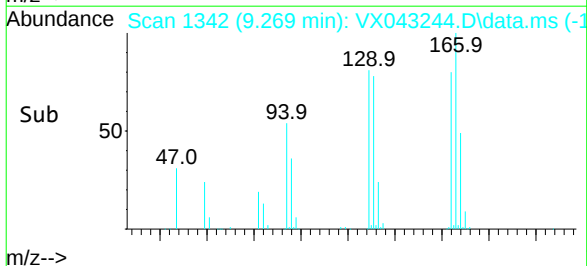
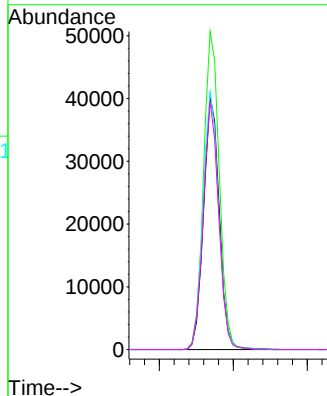
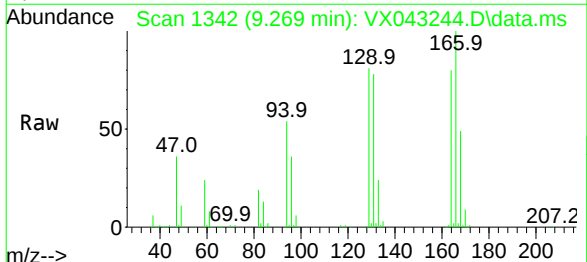
Manual Integrations
APPROVED

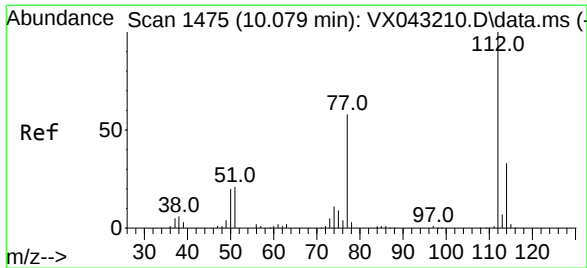
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#64
Tetrachloroethene
Concen: 48.688 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:	164	Resp:	59332
Ion	Ratio	Lower	Upper
164	100		
166	125.6	96.0	144.0
129	101.8	79.4	119.0
131	98.2	72.6	109.0





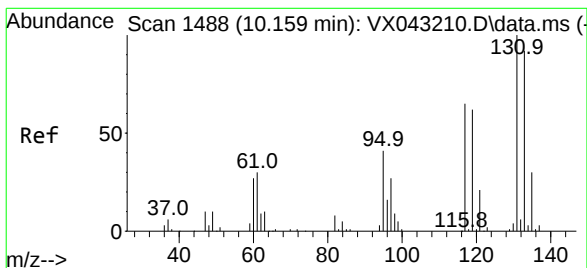
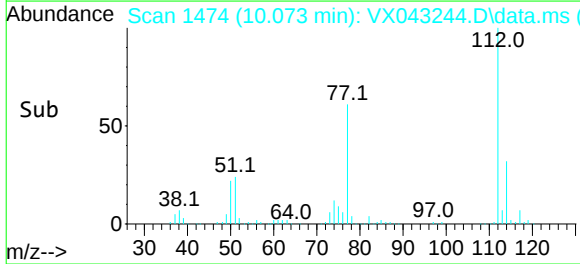
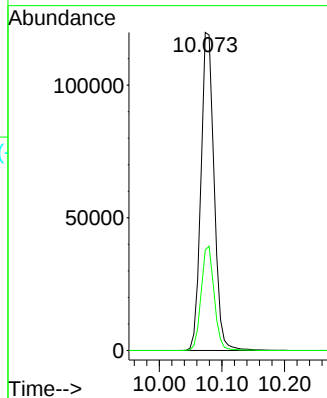
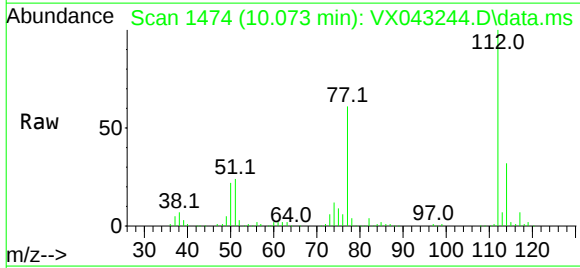
#65
Chlorobenzene
Concen: 46.448 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 175375
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6

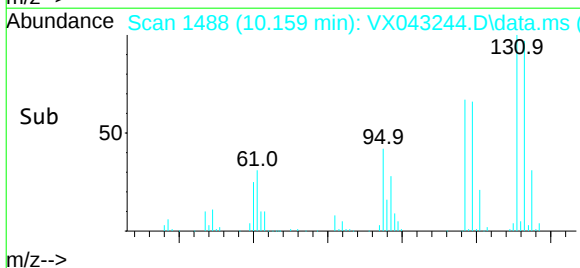
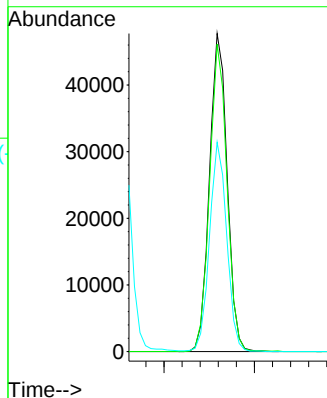
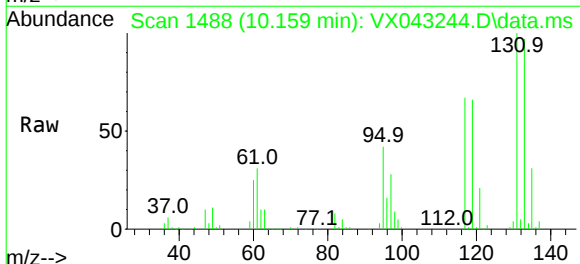
Manual Integrations
APPROVED

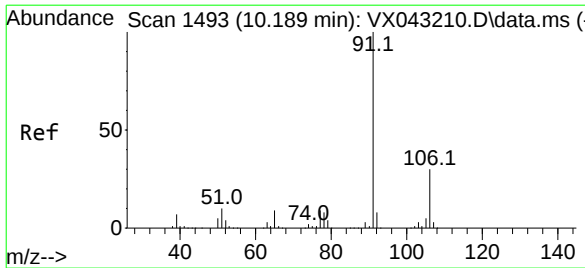
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.567 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:131 Resp: 64841
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.8
119 64.3 31.7 95.1





#67

Ethyl Benzene

Concen: 47.715 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 311394

Ion Ratio Lower Upper

91 100

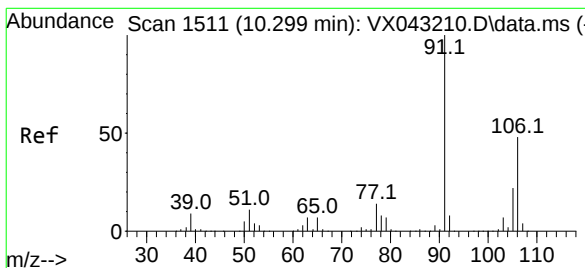
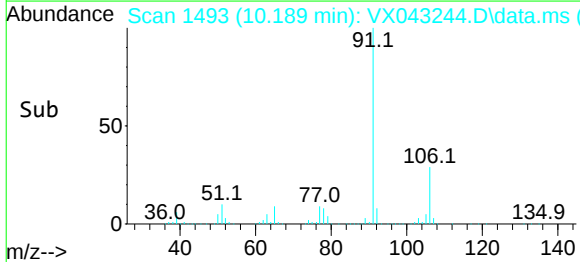
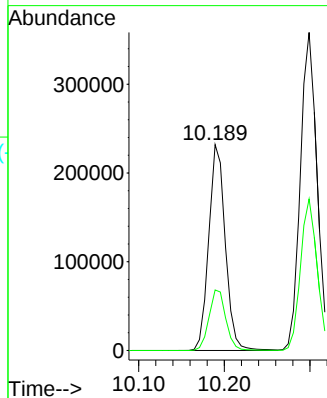
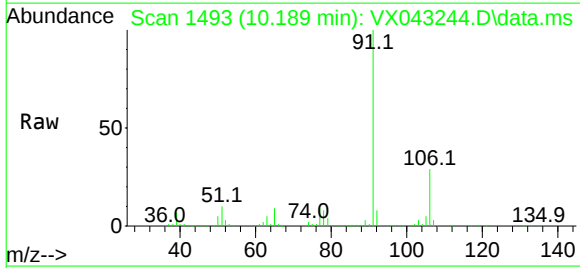
106 29.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#68

m/p-Xylenes

Concen: 94.255 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043244.D

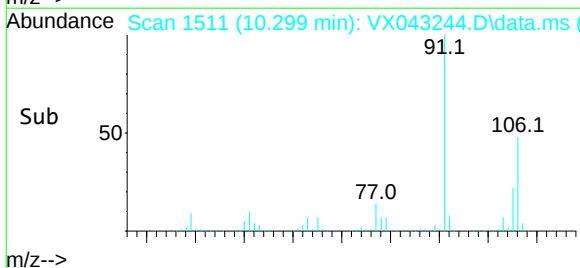
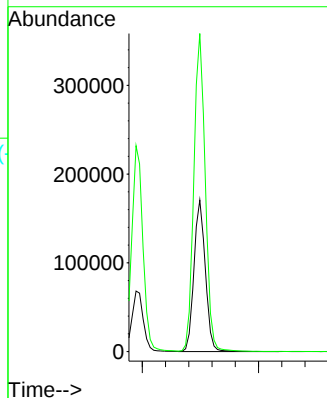
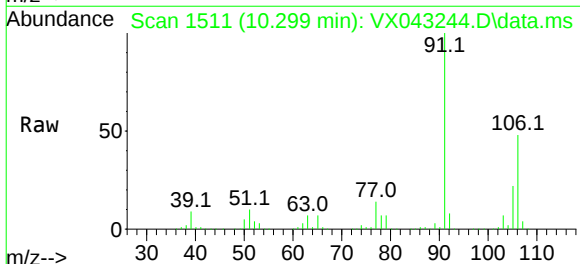
Acq: 03 Oct 2024 08:10

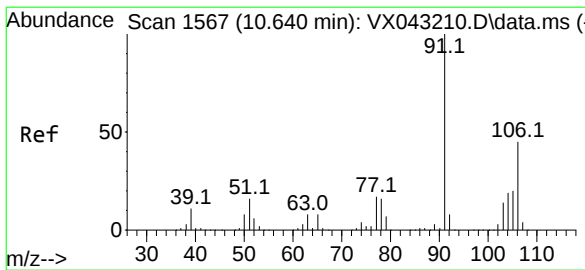
Tgt Ion:106 Resp: 232461

Ion Ratio Lower Upper

106 100

91 210.2 167.0 250.6





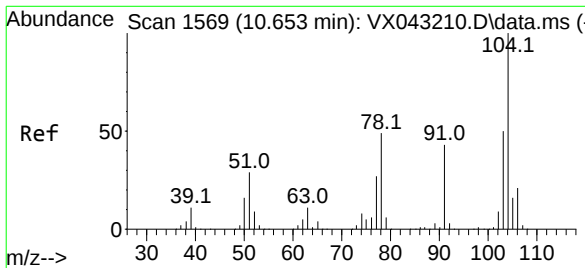
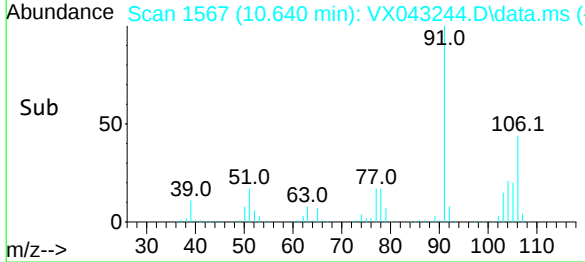
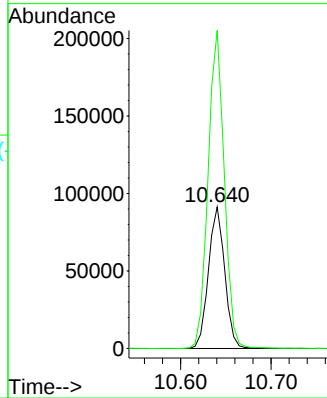
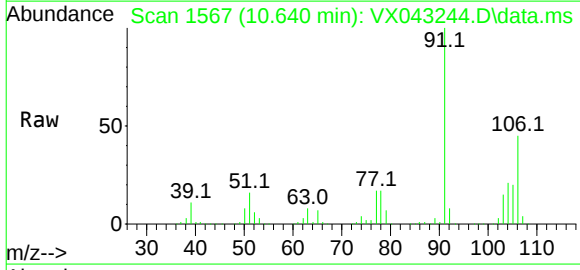
#69
o-Xylene
Concen: 46.691 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 114427
Ion Ratio Lower Upper
106 100
91 223.6 111.6 334.8

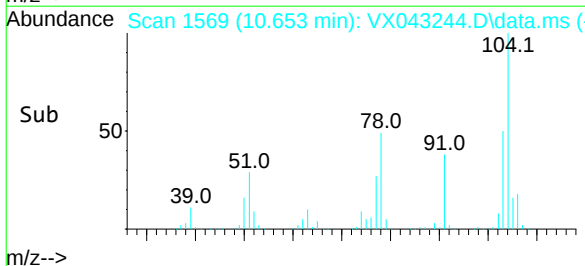
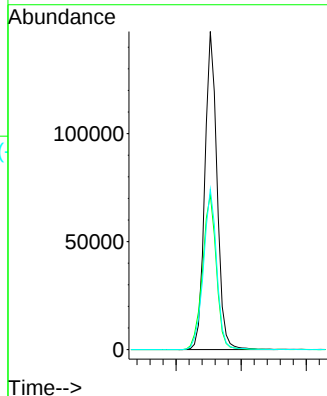
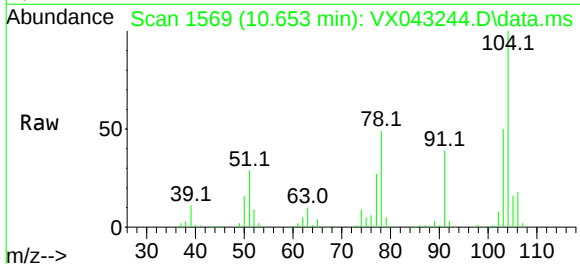
Manual Integrations
APPROVED

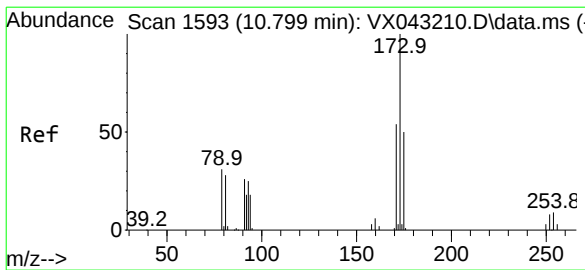
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#70
Styrene
Concen: 48.465 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion:104 Resp: 192491
Ion Ratio Lower Upper
104 100
78 54.9 43.5 65.3
103 54.7 43.9 65.9





#71

Bromoform

Concen: 50.664 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

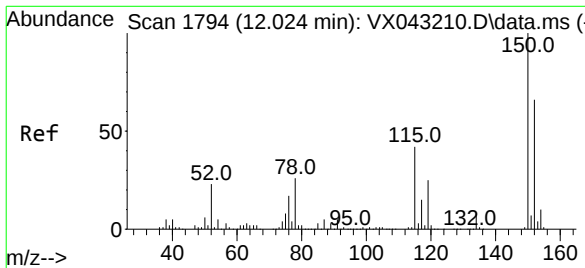
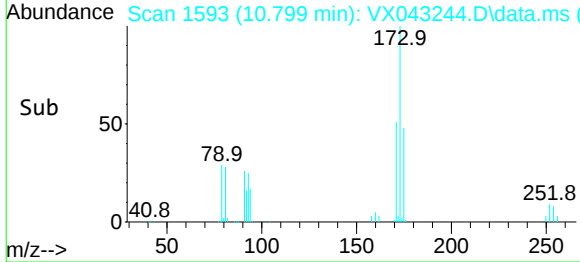
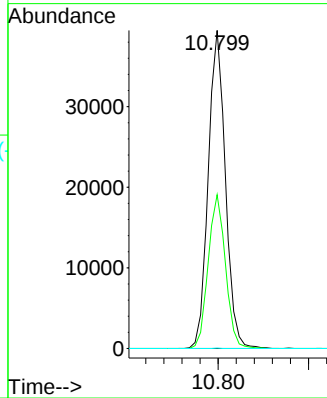
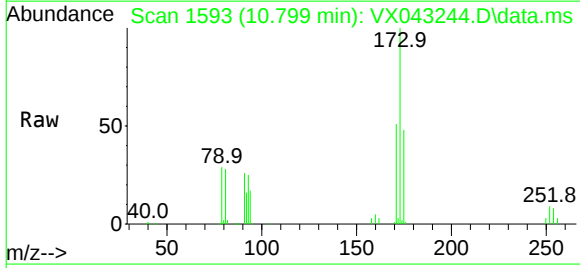
Tgt Ion:	173	Resp:	51816
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.3	72.9
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

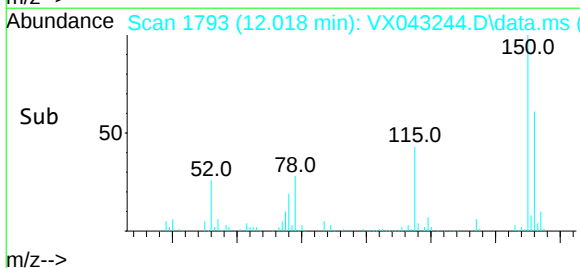
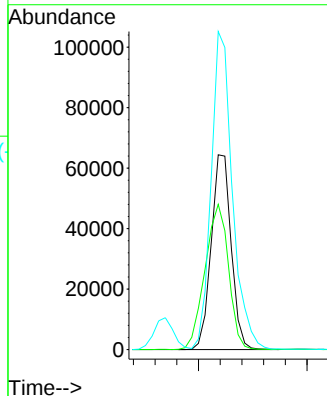
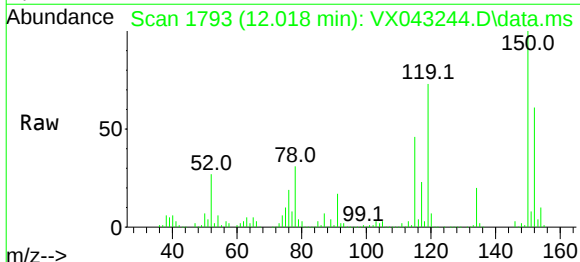
RT: 12.018 min Scan# 1793

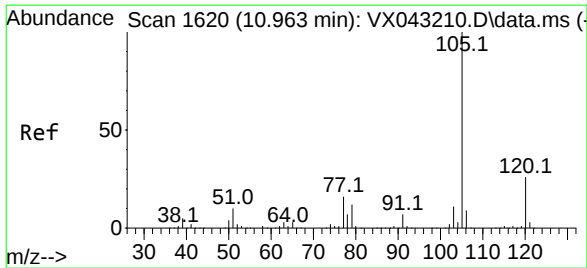
Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	152	Resp:	82242
Ion Ratio	Lower	Upper	
152	100		
115	88.0	44.1	132.3
150	173.3	0.0	347.4





#73

Isopropylbenzene

Concen: 46.855 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

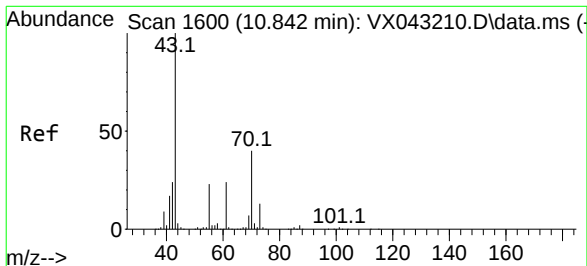
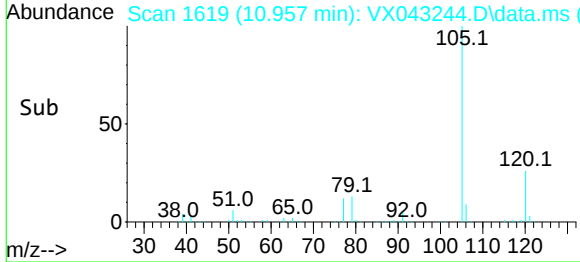
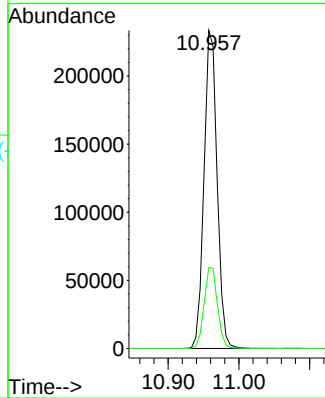
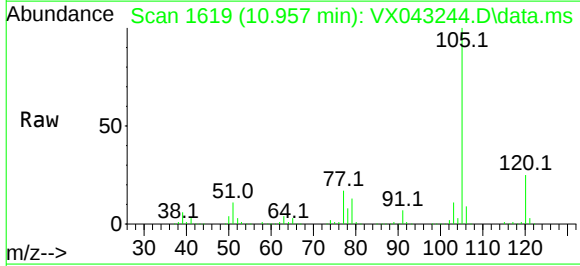
Tgt Ion: 105 Resp: 299594
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#74

N-ethyl acetate

Concen: 46.796 ug/l

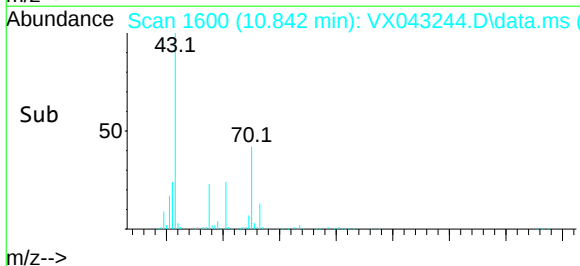
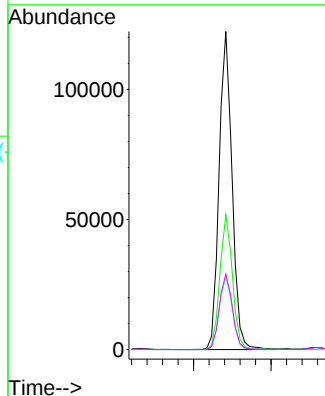
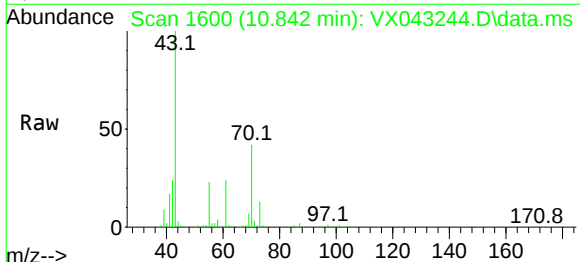
RT: 10.842 min Scan# 1600

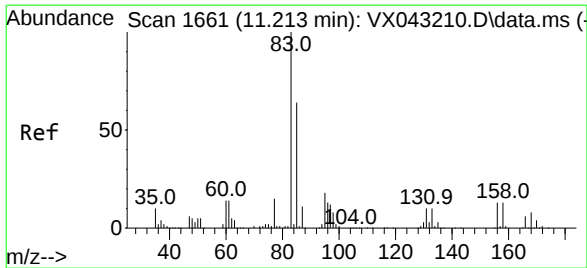
Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion: 43 Resp: 142040
 Ion Ratio Lower Upper
 43 100
 70 41.5 33.1 49.7
 55 23.2 18.6 27.8
 61 24.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.204 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

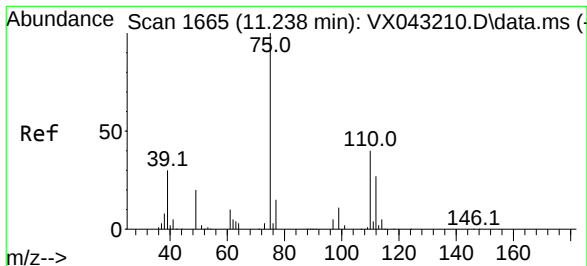
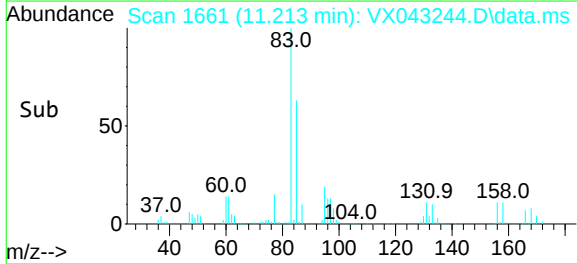
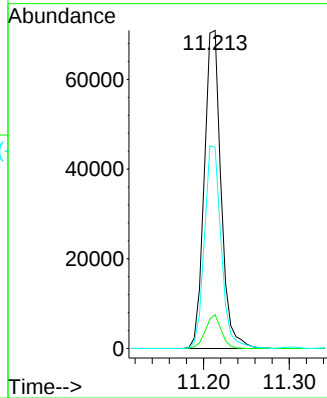
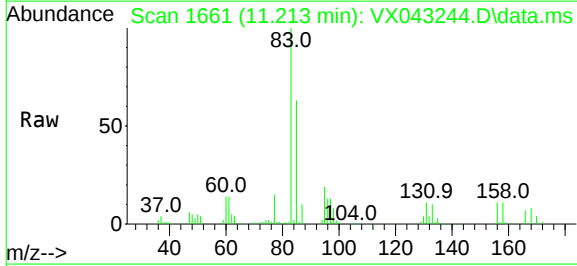
Tgt Ion:	83	Resp:	96243
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	64.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#76

1,2,3-Trichloropropane

Concen: 46.066 ug/l m

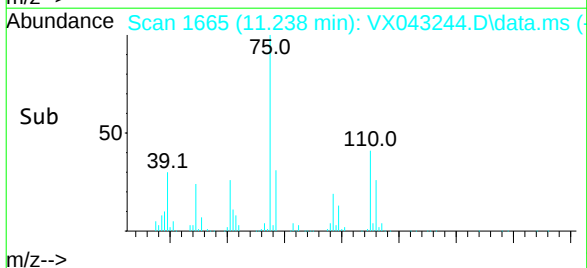
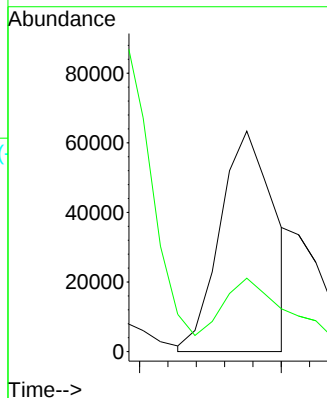
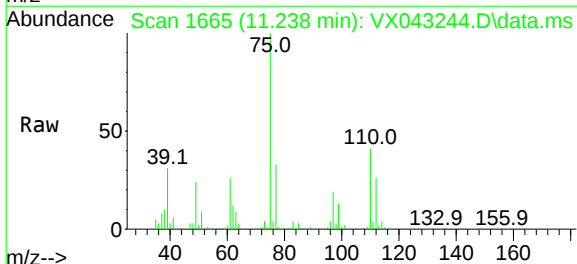
RT: 11.238 min Scan# 1665

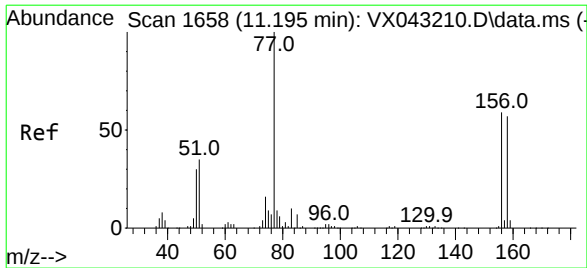
Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	75	Resp:	84034
Ion	Ratio	Lower	Upper
75	100		
77	43.7	22.0	66.0





#77

Bromobenzene

Concen: 45.773 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

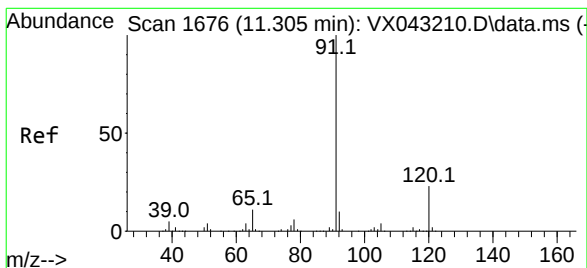
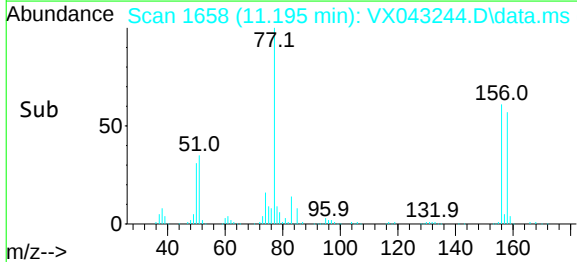
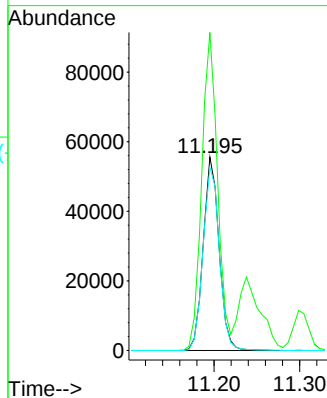
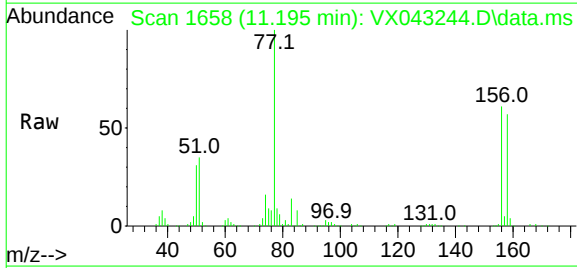
Tgt Ion:	156	Resp:	71225
Ion	Ratio	Lower	Upper
156	100		
77	164.4	82.0	245.8
158	97.7	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#78

n-propylbenzene

Concen: 48.492 ug/l

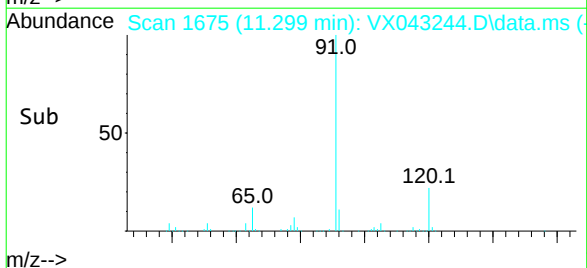
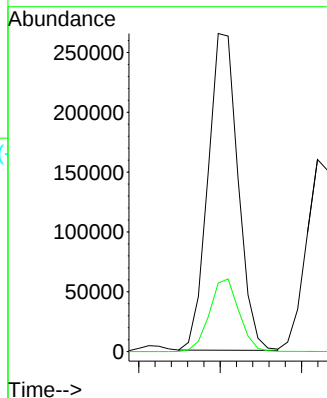
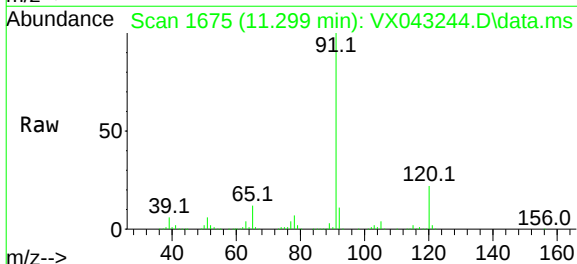
RT: 11.299 min Scan# 1675

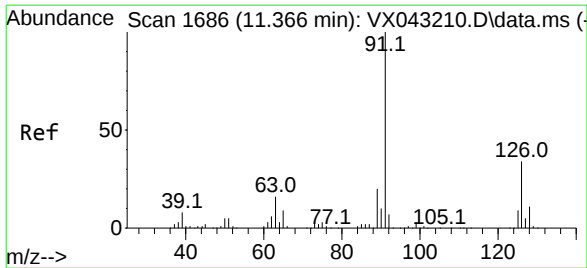
Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	91	Resp:	340382
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 45.925 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 207250

Ion Ratio Lower Upper

91 100

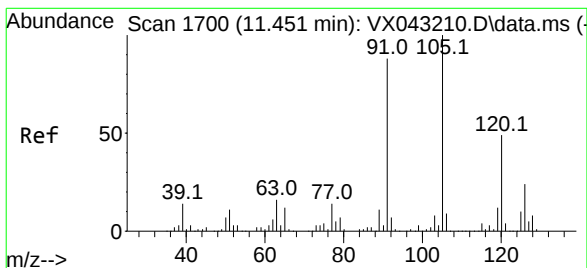
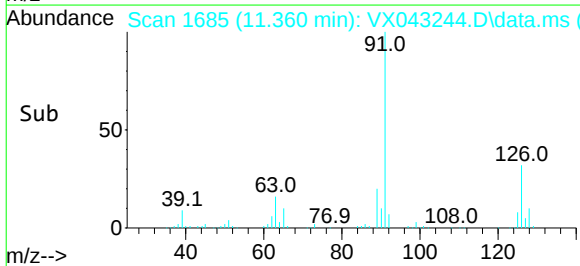
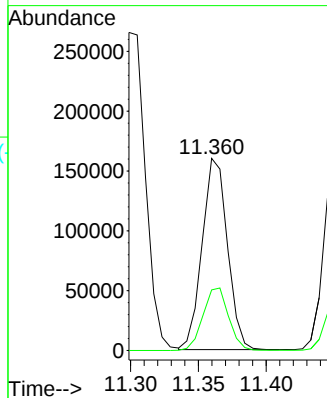
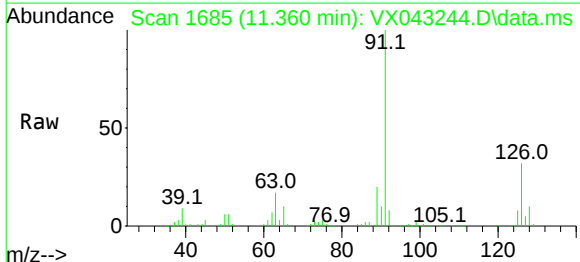
126 33.3 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 47.439 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043244.D

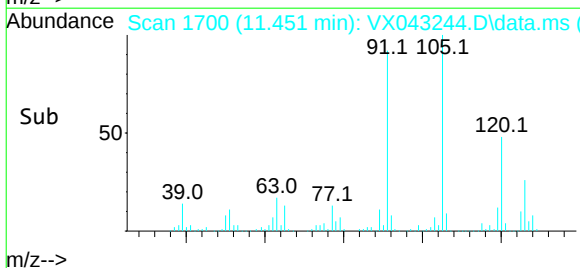
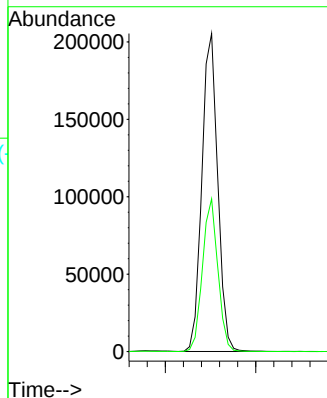
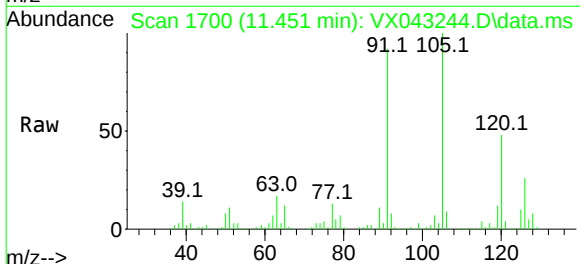
Acq: 03 Oct 2024 08:10

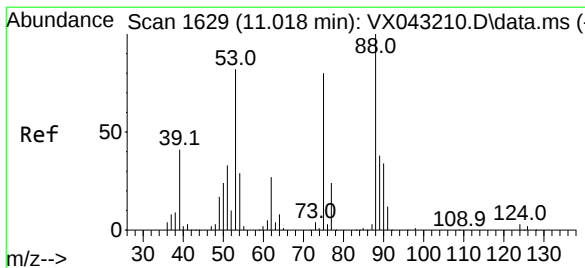
Tgt Ion:105 Resp: 250216

Ion Ratio Lower Upper

105 100

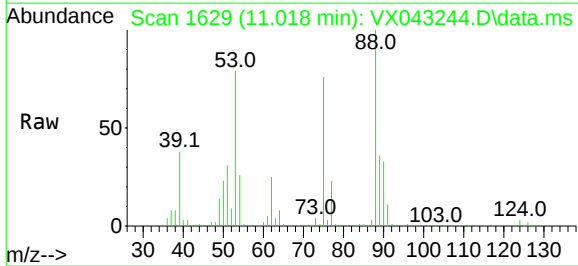
120 46.6 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.251 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

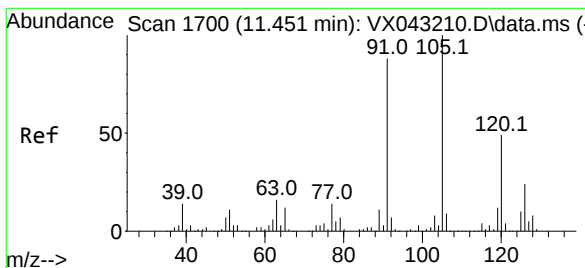
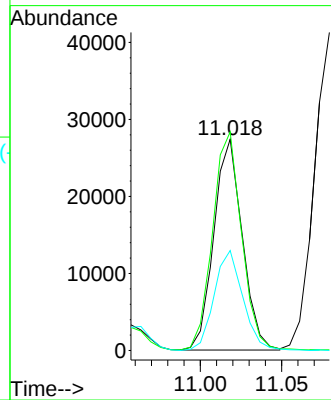
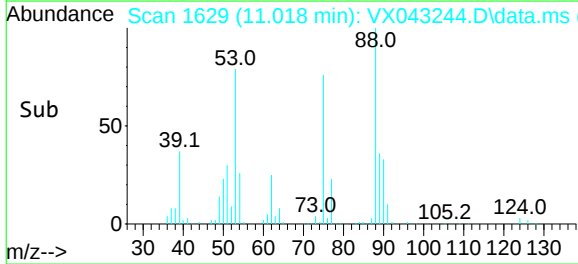
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33259
Ion Ratio Lower Upper
75 100
53 105.1 83.9 125.9
89 48.0 38.6 58.0

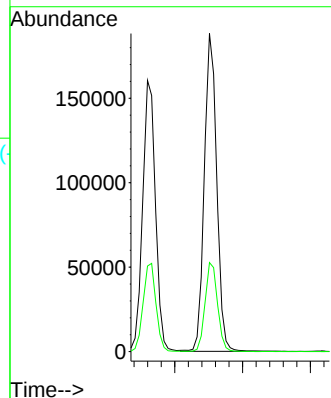
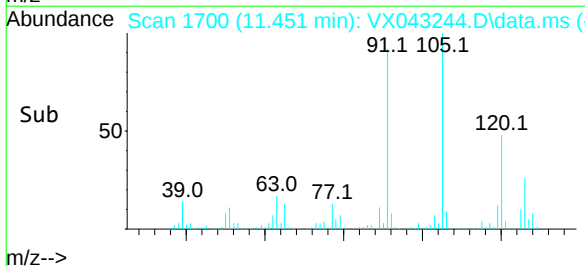
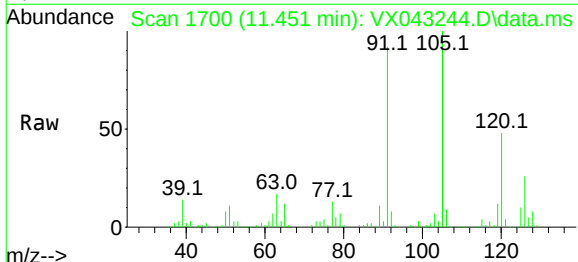
Manual Integrations
APPROVED

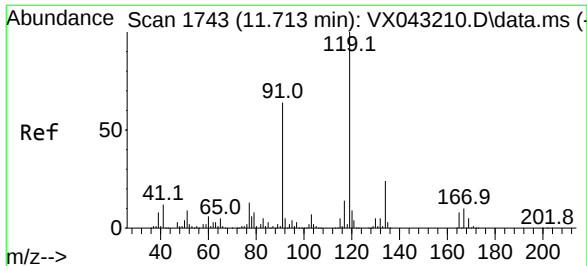
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#82
4-Chlorotoluene
Concen: 46.542 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

Tgt Ion: 91 Resp: 239258
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 46.258 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

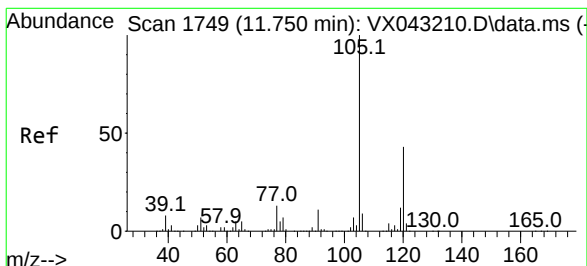
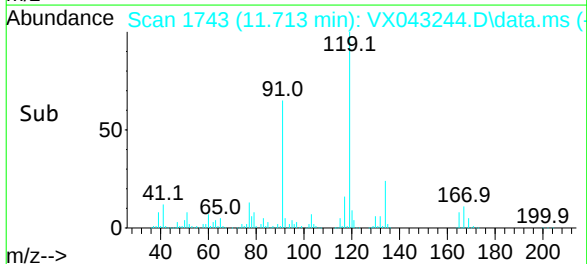
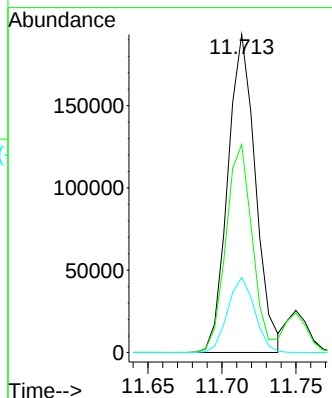
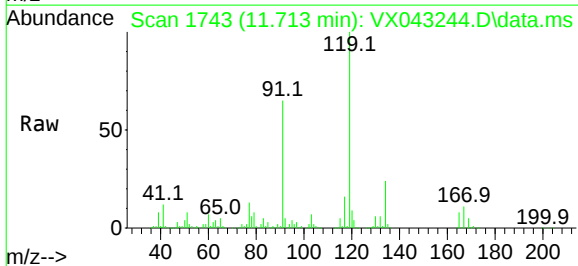
Tgt Ion:	119	Resp:	251365
Ion Ratio	Lower	Upper	
119	100		
91	63.1	31.0	93.0
134	22.9	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#84

1,2,4-Trimethylbenzene

Concen: 46.801 ug/l

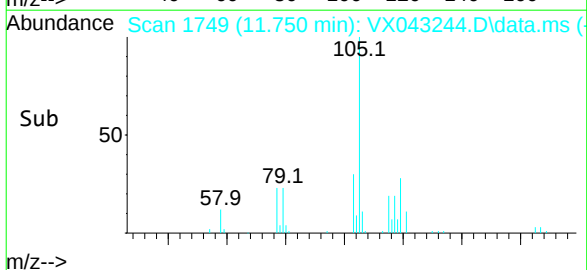
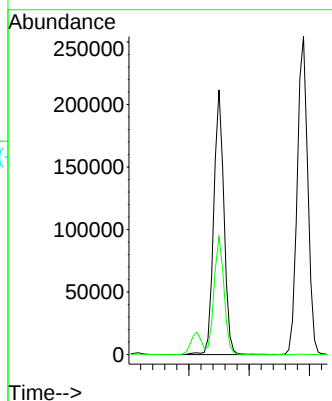
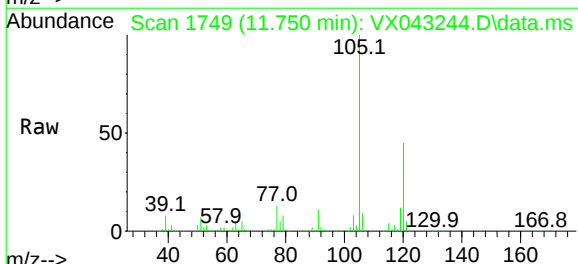
RT: 11.750 min Scan# 1749

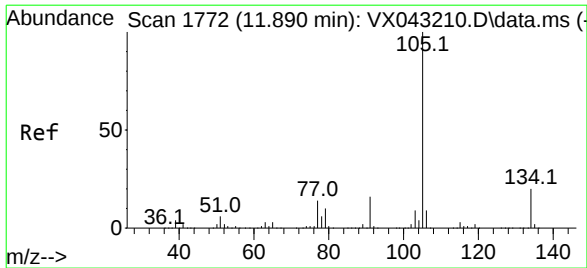
Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	105	Resp:	248377
Ion Ratio	Lower	Upper	
105	100		
120	43.9	21.2	63.6





#85

sec-Butylbenzene

Concen: 47.812 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 307993

Ion Ratio Lower Upper

105 100

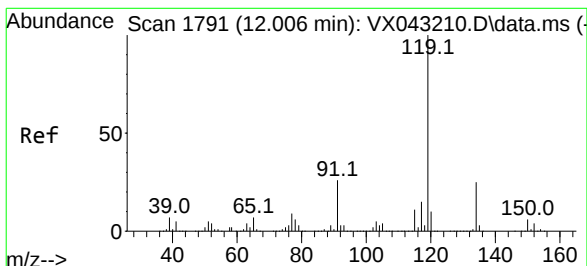
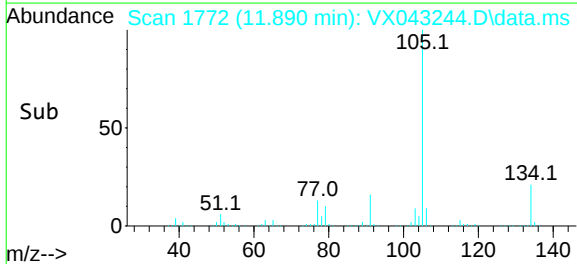
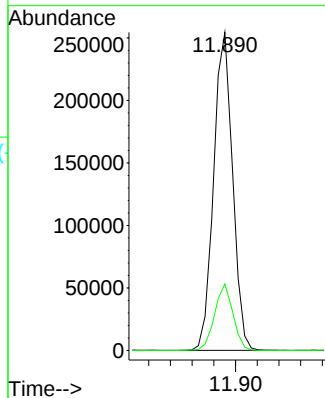
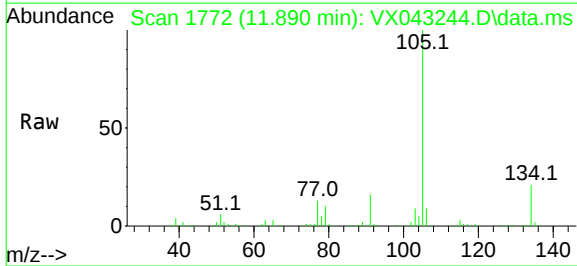
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#86

p-Isopropyltoluene

Concen: 48.716 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

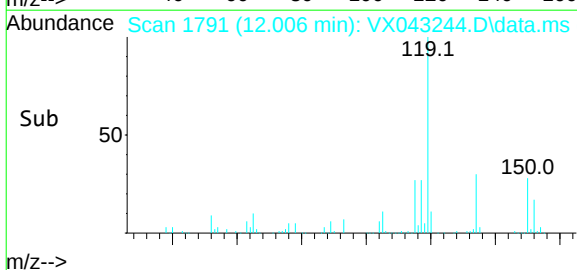
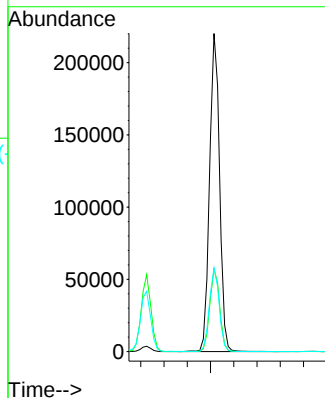
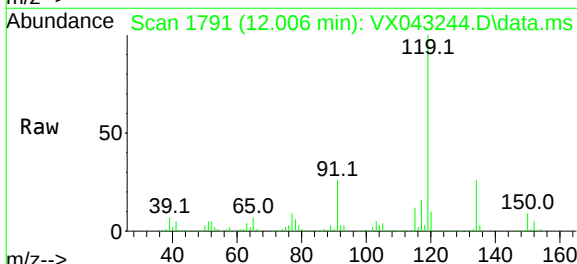
Tgt Ion:119 Resp: 261823

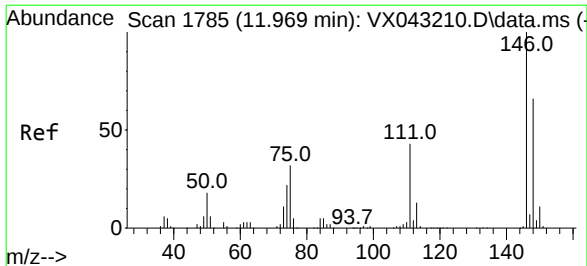
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 25.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 47.415 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

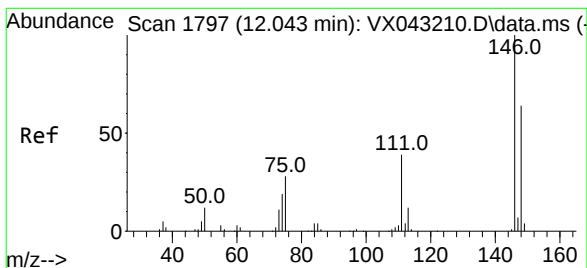
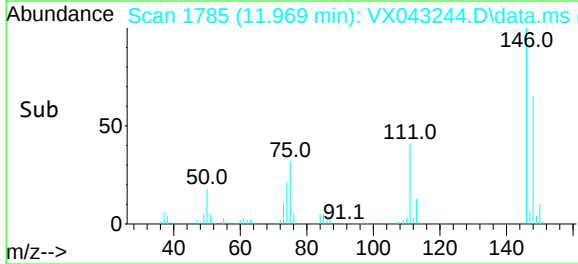
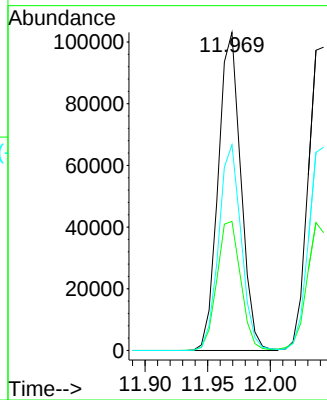
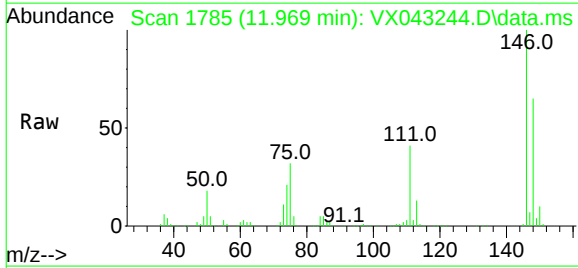
Tgt Ion:	146	Resp:	129968
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.8	65.3
148	64.1	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#88

1,4-Dichlorobenzene

Concen: 45.178 ug/l

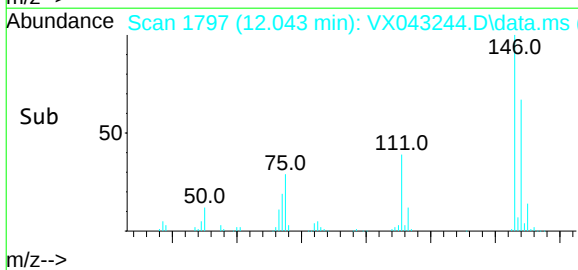
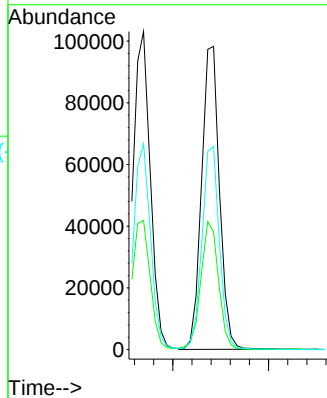
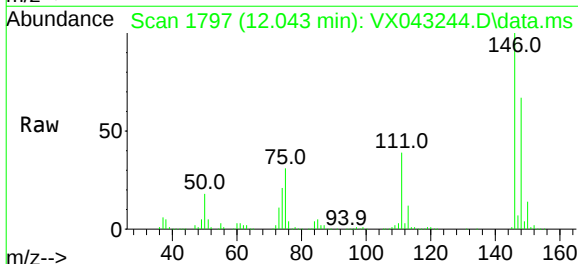
RT: 12.043 min Scan# 1797

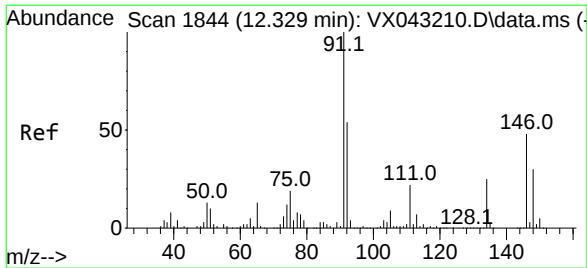
Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	146	Resp:	127673
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	65.8	32.4	97.0





#89

n-Butylbenzene

Concen: 50.586 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 227611

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

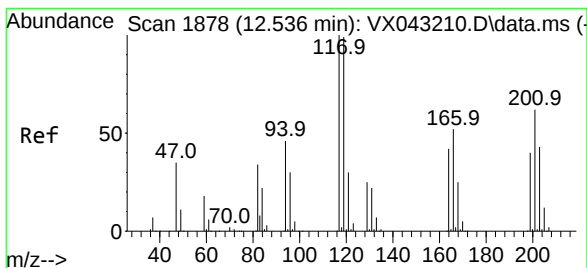
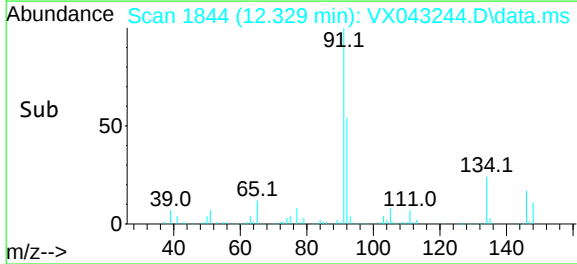
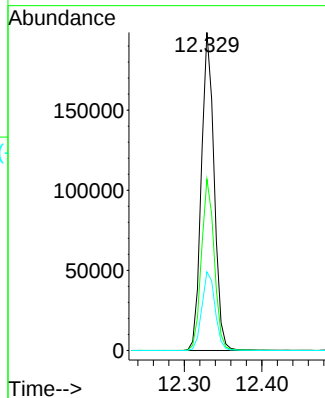
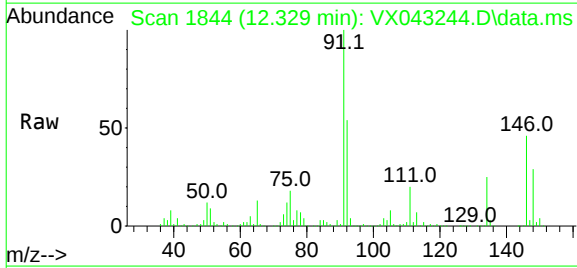
134 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#90

Hexachloroethane

Concen: 49.203 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043244.D

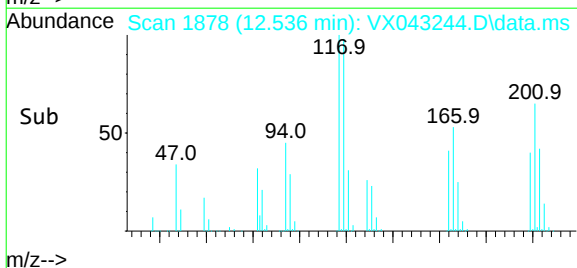
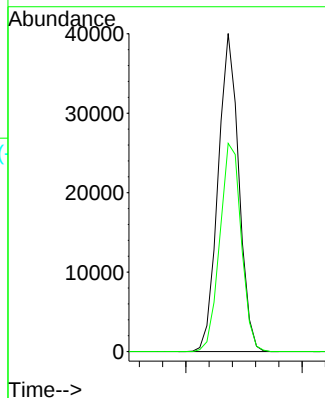
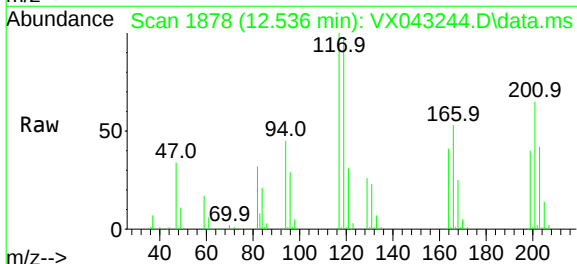
Acq: 03 Oct 2024 08:10

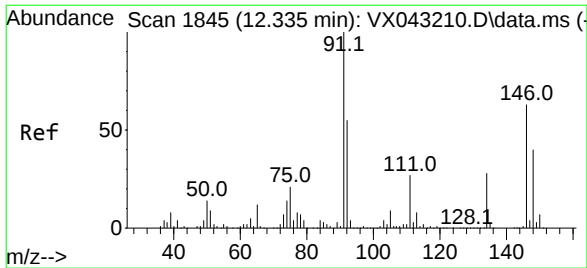
Tgt Ion:117 Resp: 49593

Ion Ratio Lower Upper

117 100

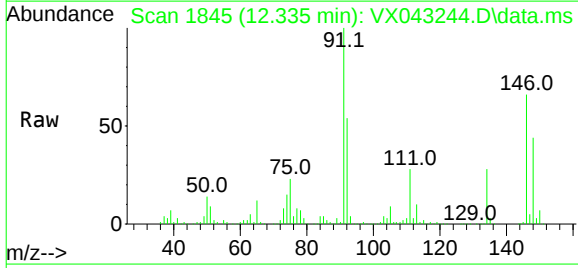
201 67.8 34.0 101.8





#91
1,2-Dichlorobenzene
Concen: 46.119 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10

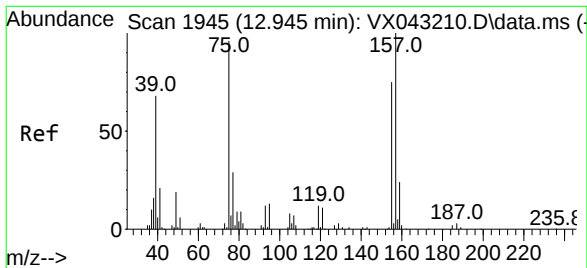
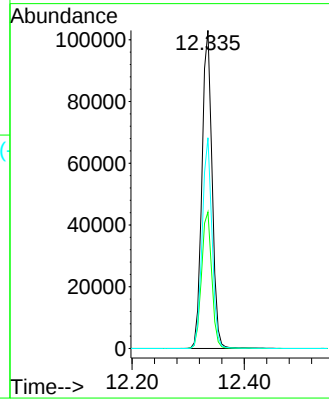
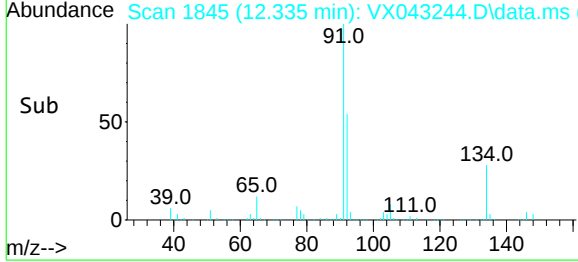
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



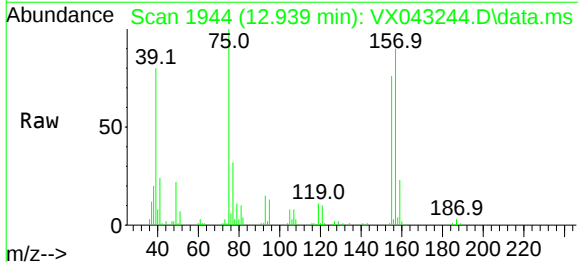
Tgt Ion: 146 Resp: 129283
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 64.0 31.9 95.5

Manual Integrations
APPROVED

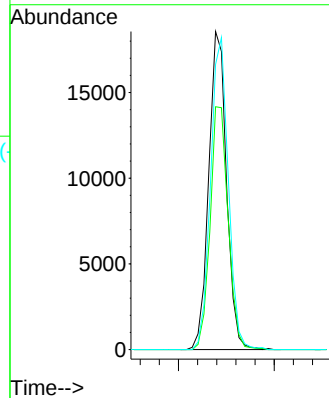
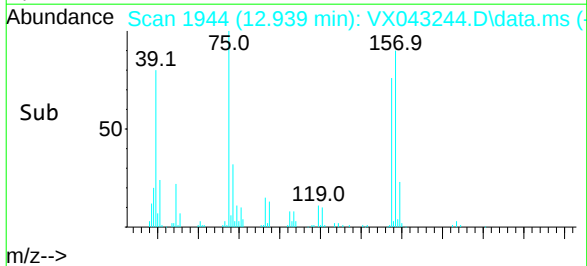
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

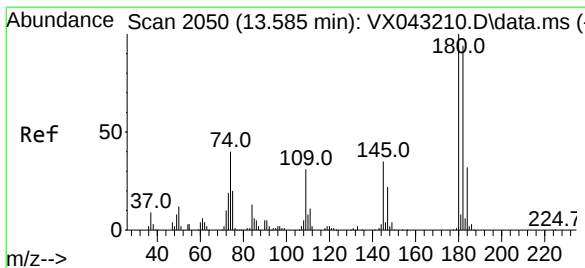


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.038 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX043244.D
Acq: 03 Oct 2024 08:10



Tgt Ion: 75 Resp: 23922
Ion Ratio Lower Upper
75 100
155 77.5 38.8 116.4
157 97.9 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 49.456 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

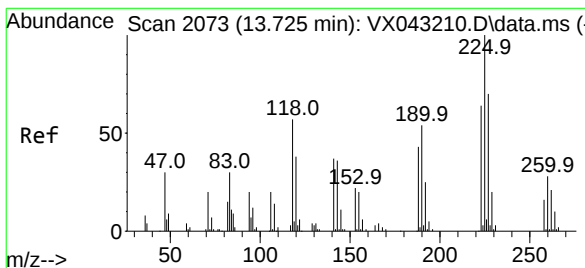
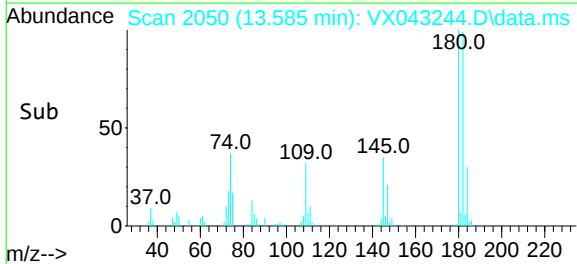
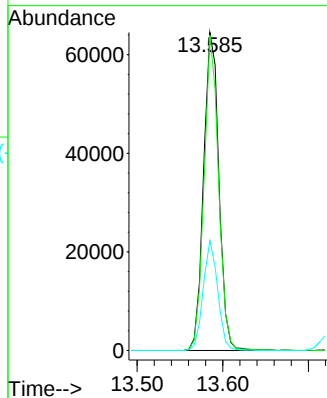
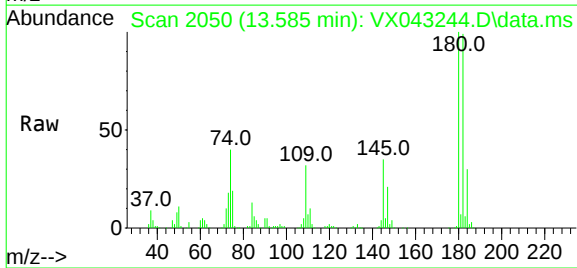
Tgt Ion:	180	Resp:	79924
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.1	141.3
145	32.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#94

Hexachlorobutadiene

Concen: 50.403 ug/l

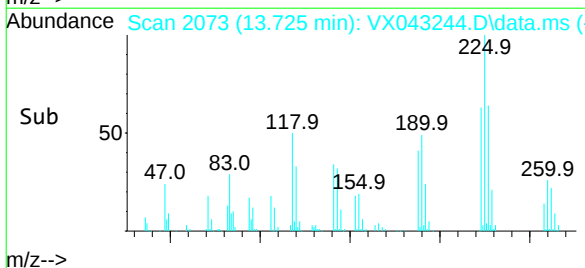
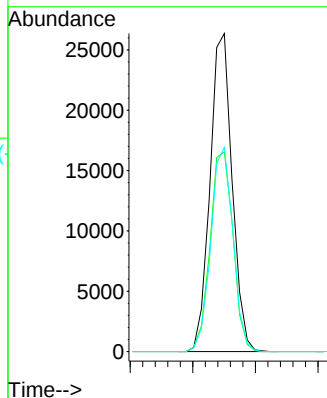
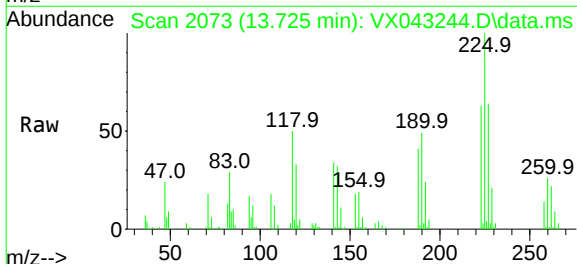
RT: 13.725 min Scan# 2073

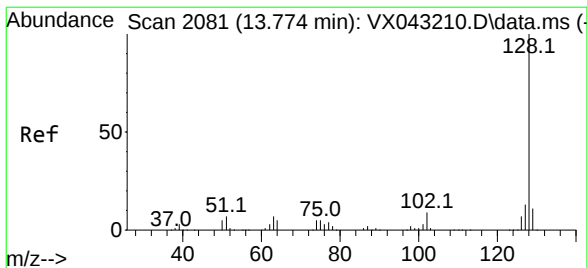
Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	225	Resp:	32290
Ion Ratio	Lower	Upper	
225	100		
223	65.2	30.8	92.4
227	64.4	32.2	96.6





#95

Naphthalene

Concen: 46.453 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

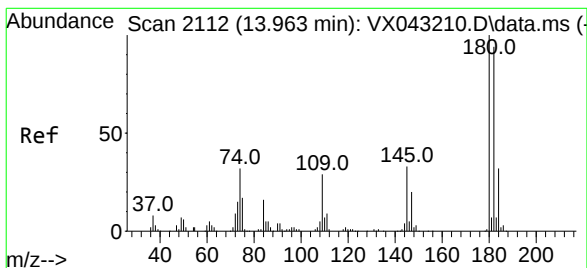
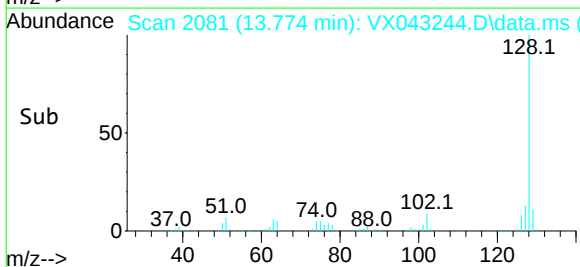
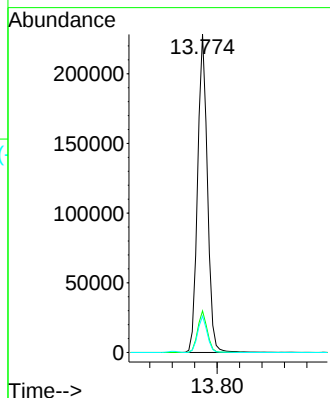
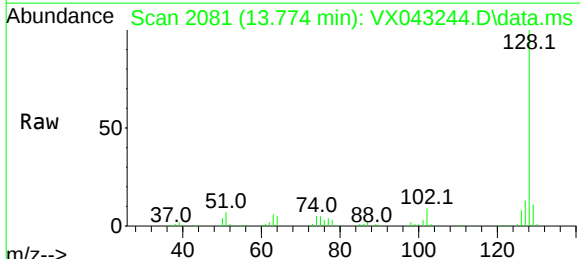
Tgt Ion:	128	Resp:	275976
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.914 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043244.D

Acq: 03 Oct 2024 08:10

Tgt Ion:	180	Resp:	81559
Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.5	139.3
145	34.3	17.2	51.6

