

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043387.D
 Acq On : 14 Oct 2024 17:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:49:44 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	99117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84656	52.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.600%			
35) Dibromofluoromethane	5.385	113	60617	50.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.647	98	204836	48.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	76625	50.337	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57532	49.901	ug/l	97
3) Chloromethane	1.294	50	58532	49.294	ug/l	99
4) Vinyl Chloride	1.374	62	60386	50.772	ug/l	96
5) Bromomethane	1.599	94	23878	49.140	ug/l	96
6) Chloroethane	1.666	64	22333	50.424	ug/l	98
7) Trichlorofluoromethane	1.874	101	86541	48.699	ug/l	99
8) Diethyl Ether	2.136	74	34520	49.917	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	55896	50.404	ug/l	99
10) Methyl Iodide	2.447	142	73896	53.053	ug/l	99
11) Tert butyl alcohol	2.995	59	77151	250.461	ug/l	99
12) 1,1-Dichloroethene	2.312	96	54128	49.152	ug/l	98
13) Acrolein	2.239	56	67577	232.272	ug/l	99
14) Allyl chloride	2.660	41	90826	50.202	ug/l	100
15) Acrylonitrile	3.068	53	158346	251.746	ug/l	99
16) Acetone	2.392	43	180034	266.324	ug/l	98
17) Carbon Disulfide	2.508	76	120179	44.867	ug/l	98
18) Methyl Acetate	2.709	43	80903	47.707	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	208185	52.841	ug/l	99
20) Methylene Chloride	2.788	84	60986	48.930	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	56286	51.356	ug/l	97
22) Diisopropyl ether	3.763	45	189755	52.145	ug/l	93
23) Vinyl Acetate	3.721	43	777057m	189.026	ug/l	
24) 1,1-Dichloroethane	3.605	63	109905	51.842	ug/l	100
25) 2-Butanone	4.562	43	242085	261.182	ug/l	99
26) 2,2-Dichloropropane	4.471	77	105980	52.542	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	70692	51.719	ug/l	100
28) Bromochloromethane	4.897	49	38373	45.880	ug/l	99
29) Tetrahydrofuran	5.007	42	149608	253.373	ug/l	99
30) Chloroform	5.092	83	118574	50.931	ug/l	99
31) Cyclohexane	5.464	56	88399	50.610	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	109715	51.308	ug/l	99
36) 1,1-Dichloropropene	5.690	75	76654	50.183	ug/l	99
37) Ethyl Acetate	4.715	43	92737	50.556	ug/l	99
38) Carbon Tetrachloride	5.672	117	90287	49.930	ug/l	99
39) Methylcyclohexane	7.379	83	97017	50.500	ug/l	96
40) Benzene	6.037	78	234285	50.589	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50361	52.742	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97993	51.925	ug/l	100
43) Isopropyl Acetate	6.342	43	154591	51.024	ug/l	100
44) Trichloroethene	7.123	130	60841	49.530	ug/l	96
45) 1,2-Dichloropropane	7.427	63	57870	50.919	ug/l	100
46) Dibromomethane	7.580	93	46481	51.038	ug/l	99
47) Bromodichloromethane	7.818	83	90386	50.481	ug/l	100
48) Methyl methacrylate	7.696	41	75501	50.788	ug/l	99
49) 1,4-Dioxane	7.665	88	25646m	887.476	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	461325	250.701	ug/l	99
52) Toluene	8.714	92	146464	50.461	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	93204	52.385	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99086	51.925	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58381	50.612	ug/l	98
56) Ethyl methacrylate	9.116	69	99604	52.815	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100386	51.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220463	259.348	ug/l	100
59) 2-Hexanone	9.433	43	354486	254.743	ug/l	99
60) Dibromochloromethane	9.518	129	65923	49.262	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62819	50.687	ug/l	99
64) Tetrachloroethene	9.269	164	53005	51.181	ug/l	94
65) Chlorobenzene	10.079	112	159485	49.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57889	51.020	ug/l	99
67) Ethyl Benzene	10.189	91	282494	50.934	ug/l	100
68) m/p-Xylenes	10.299	106	208738	99.589	ug/l	98
69) o-Xylene	10.640	106	103300	49.597	ug/l	99
70) Styrene	10.652	104	172193	51.014	ug/l	99
71) Bromoform	10.799	173	42836	49.284	ug/l #	99
73) Isopropylbenzene	10.963	105	269354	49.508	ug/l	99
74) N-amyl acetate	10.841	43	128788	49.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87826	49.552	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75259m	48.485	ug/l	
77) Bromobenzene	11.195	156	64460	48.685	ug/l	99
78) n-propylbenzene	11.305	91	304938	51.055	ug/l	100
79) 2-Chlorotoluene	11.366	91	187553	48.844	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	225327	50.206	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29163	48.692	ug/l	95
82) 4-Chlorotoluene	11.451	91	214758	49.096	ug/l	100
83) tert-Butylbenzene	11.713	119	226014	48.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	225312	49.895	ug/l	99
85) sec-Butylbenzene	11.890	105	273231	49.848	ug/l	99
86) p-Isopropyltoluene	12.006	119	230687	50.445	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115669	49.593	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114750	47.721	ug/l	98
89) n-Butylbenzene	12.329	91	197691	51.636	ug/l	99
90) Hexachloroethane	12.536	117	41186	48.022	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114698	48.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20568	47.530	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	68914	50.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	28217	51.763	ug/l	99
95) Naphthalene	13.774	128	251674	49.786	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71496	50.393	ug/l	99

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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



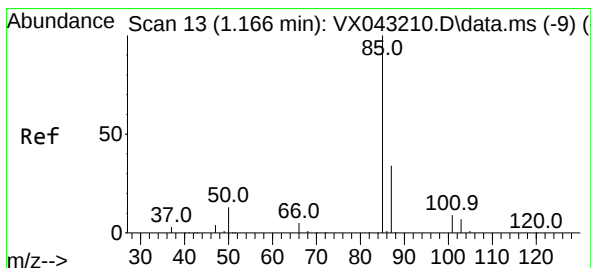
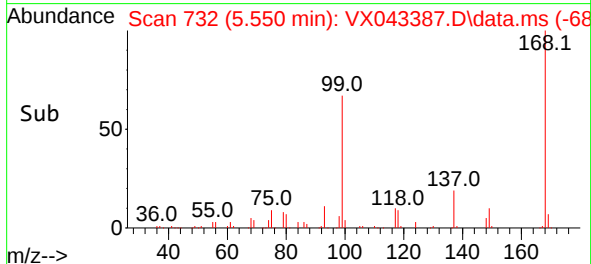
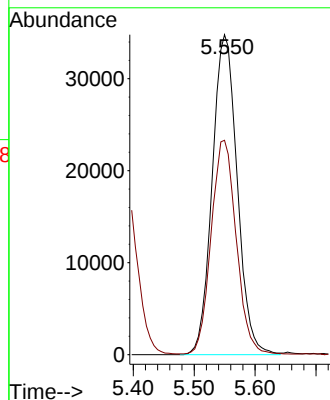
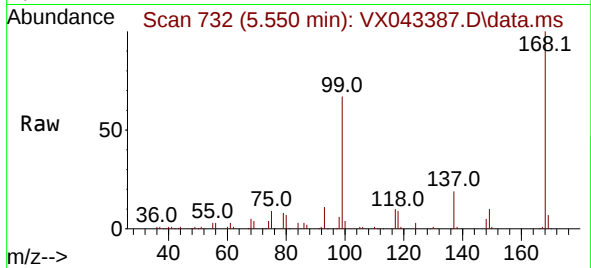
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 9911
Ion Ratio Lower Upper
168 100
99 66.7 49.7 74.5

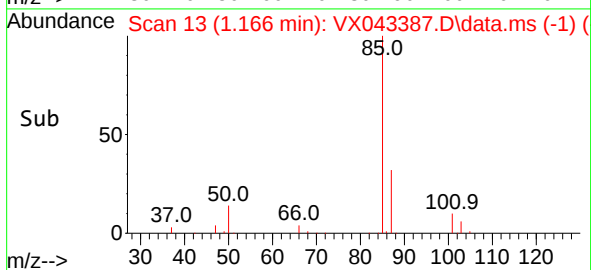
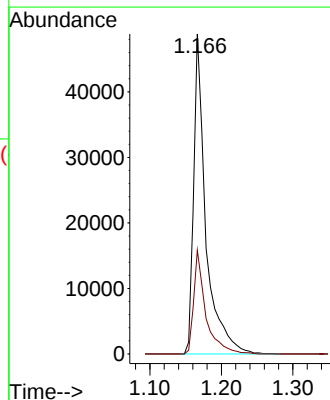
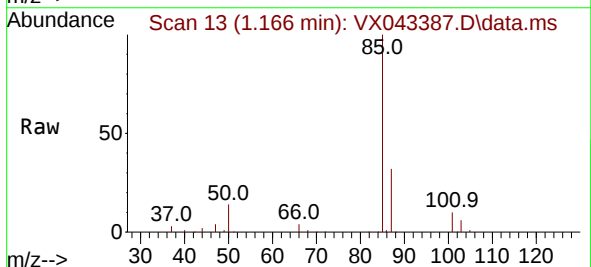
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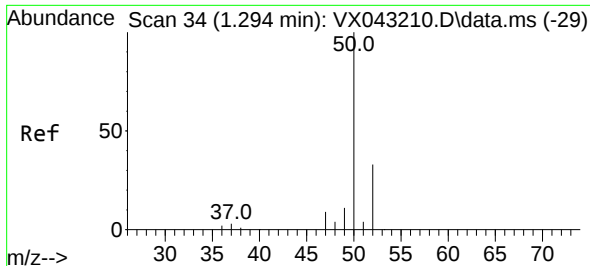
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#2
Dichlorodifluoromethane
Concen: 49.901 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 85 Resp: 57532
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.2





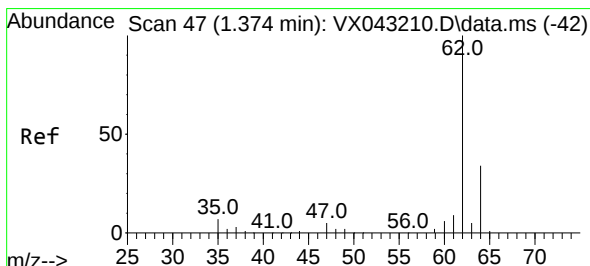
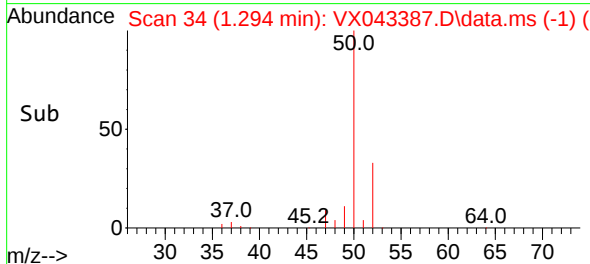
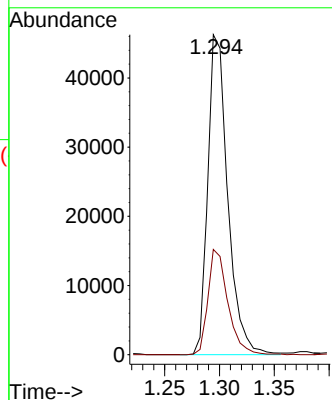
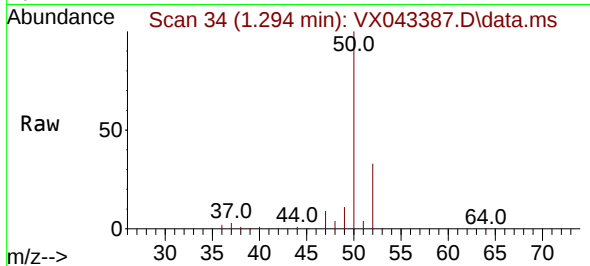
#3
Chloromethane
Concen: 49.294 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 58532
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

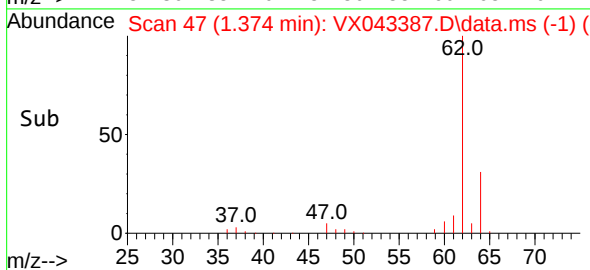
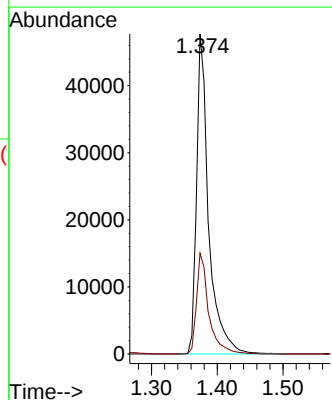
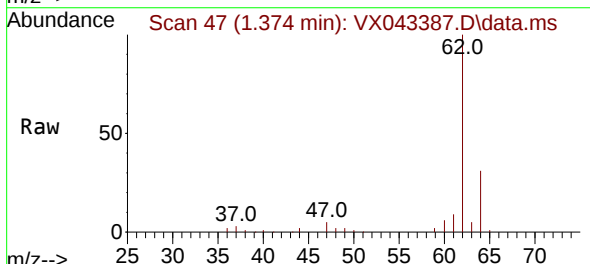
Manual Integrations
APPROVED

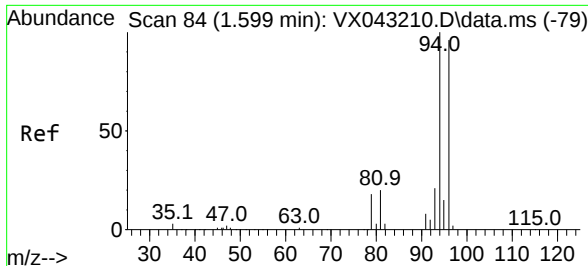
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Vinyl Chloride
Concen: 50.772 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

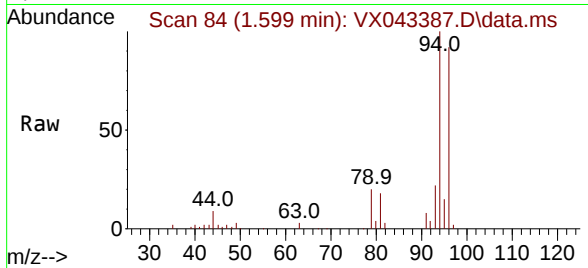
Tgt Ion: 62 Resp: 60386
Ion Ratio Lower Upper
62 100
64 31.5 26.8 40.2





#5
Bromomethane
Concen: 49.140 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

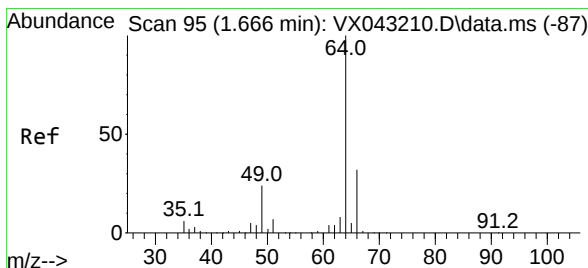
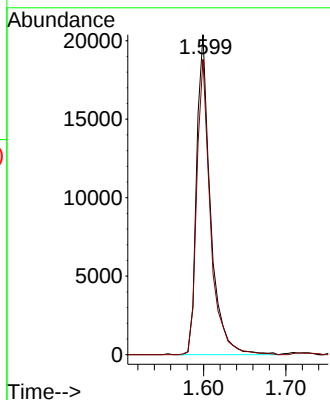
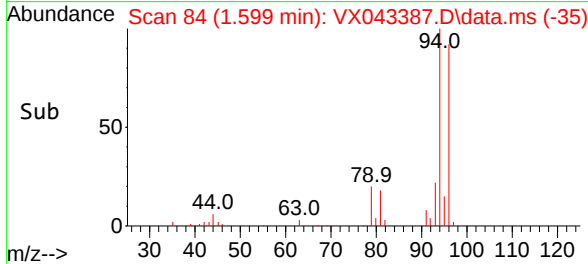
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 23878
Ion Ratio Lower Upper
94 100
96 92.3 76.6 115.0

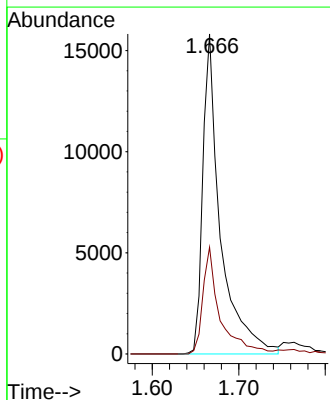
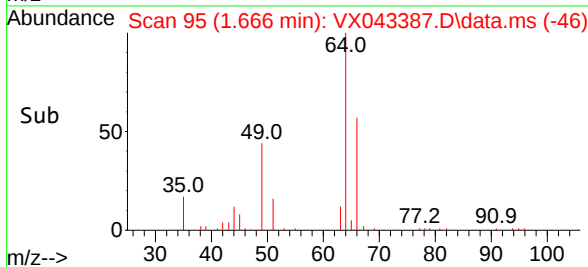
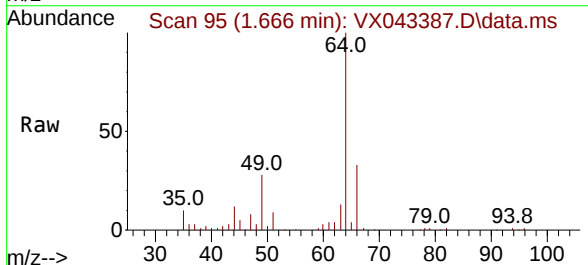
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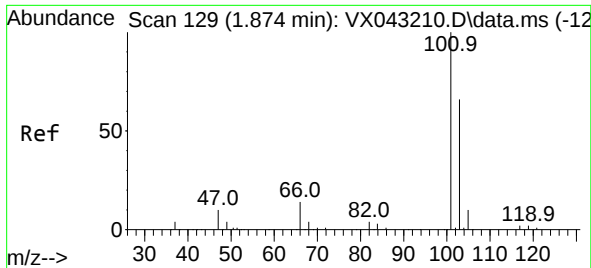
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#6
Chloroethane
Concen: 50.424 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

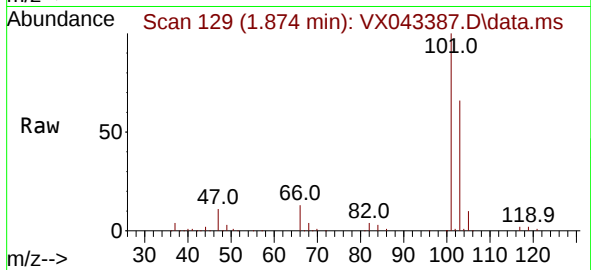
Tgt Ion: 64 Resp: 22333
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8





#7
Trichlorofluoromethane
Concen: 48.699 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

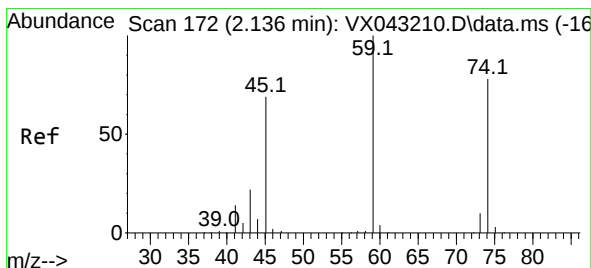
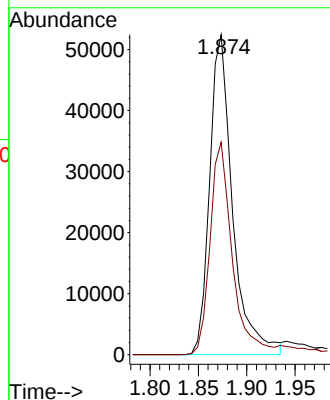
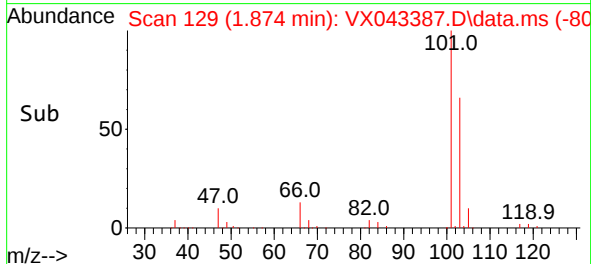
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 8654
Ion Ratio Lower Upper
101 100
103 66.4 52.7 79.1

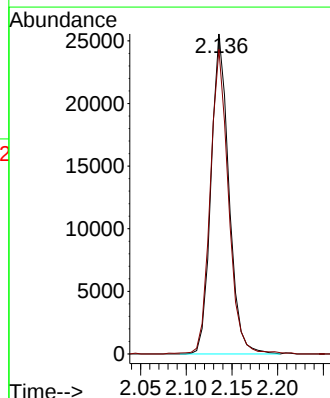
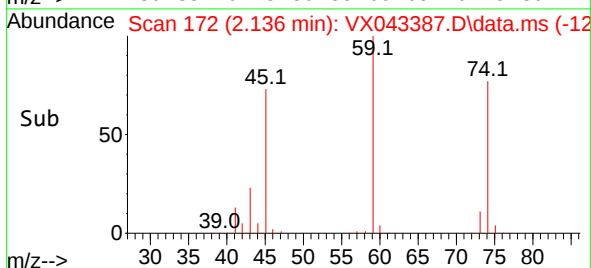
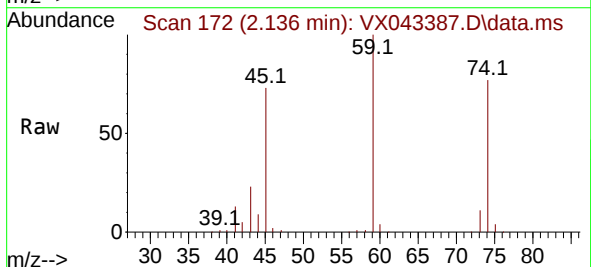
Manual Integrations
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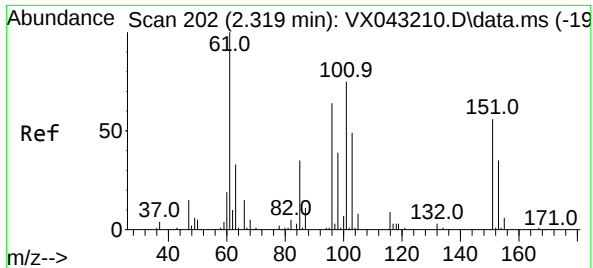
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#8
Diethyl Ether
Concen: 49.917 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 74 Resp: 34520
Ion Ratio Lower Upper
74 100
45 97.3 47.1 141.4





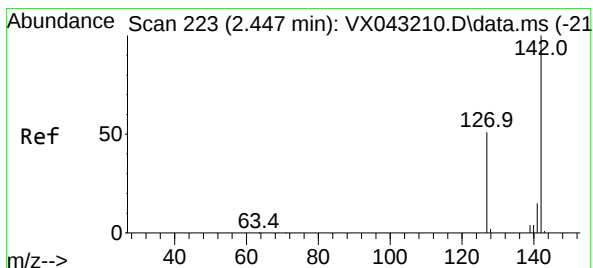
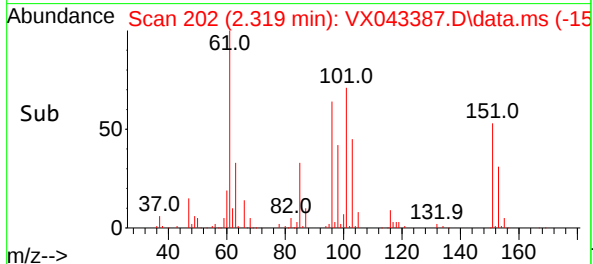
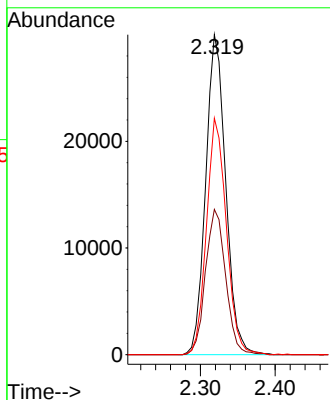
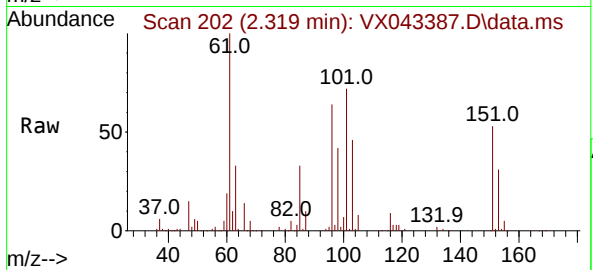
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1,1,2-Trichlorotrifluoroethane
Concen: 50.404 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 55890
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 73.5 60.0 90.0

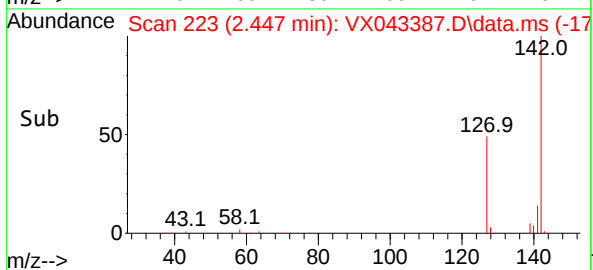
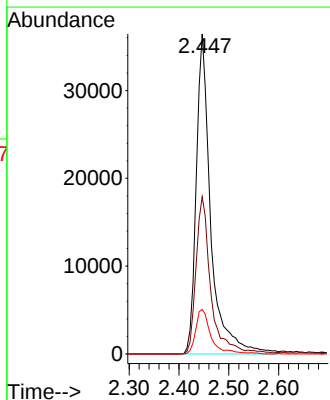
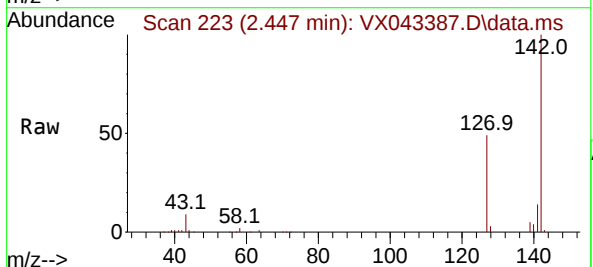
Manual Integrations
APPROVED

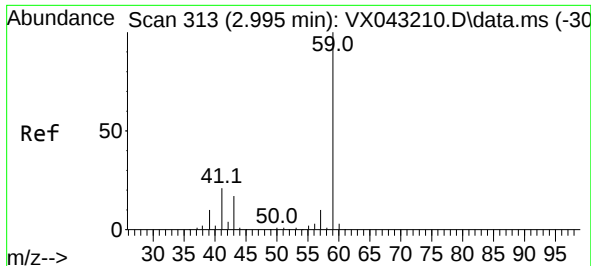
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#10
Methyl Iodide
Concen: 53.053 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

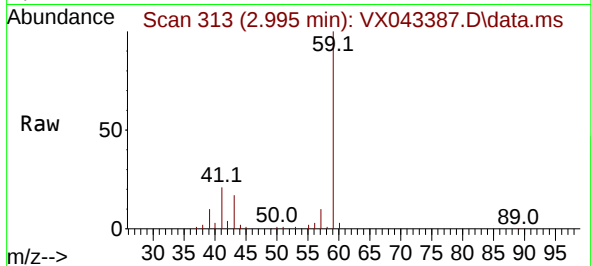
Tgt Ion:142 Resp: 73896
Ion Ratio Lower Upper
142 100
127 50.4 39.8 59.8
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 250.461 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

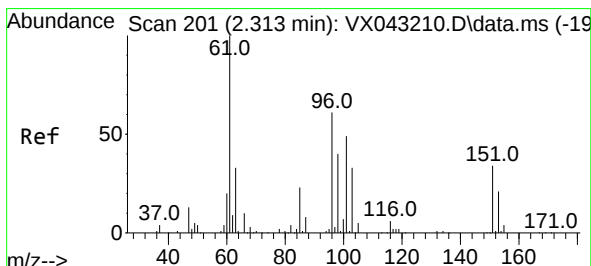
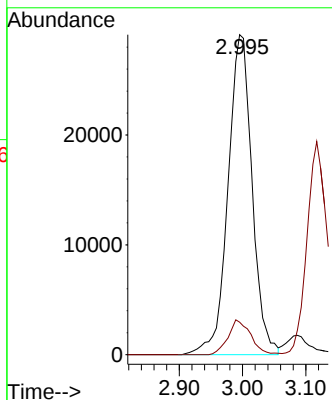
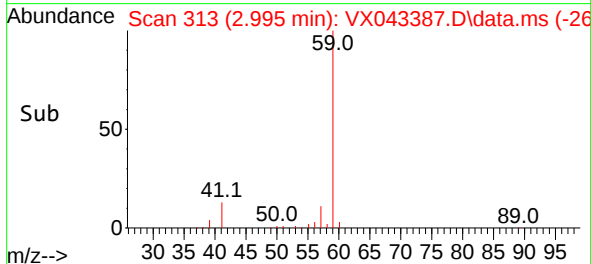
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



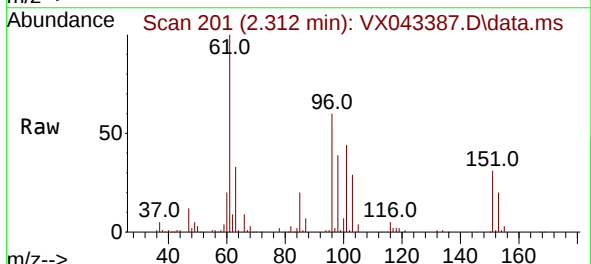
Tgt Ion: 59 Resp: 7715
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0

Manual Integrations
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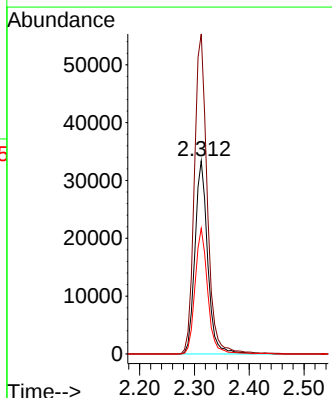
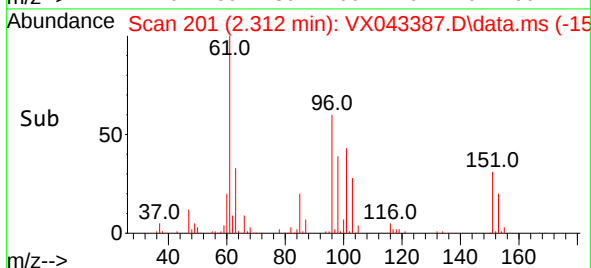
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

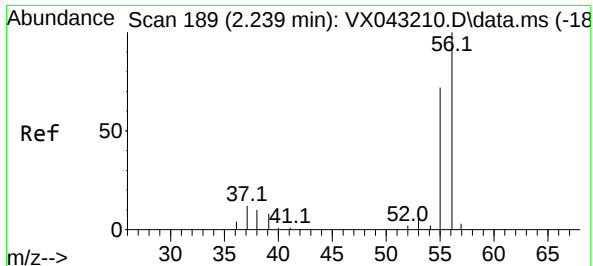


#12
1,1-Dichloroethene
Concen: 49.152 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



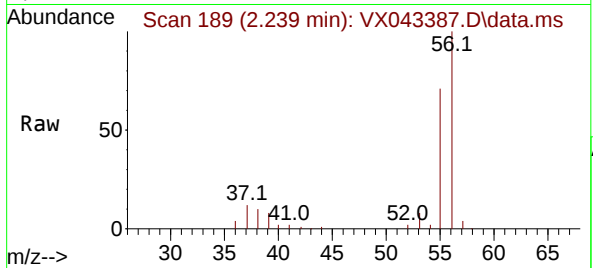
Tgt Ion: 96 Resp: 54128
Ion Ratio Lower Upper
96 100
61 165.8 130.6 195.8
98 65.0 51.7 77.5





#13
Acrolein
Concen: 232.272 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

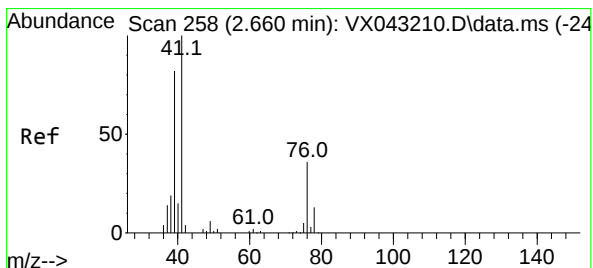
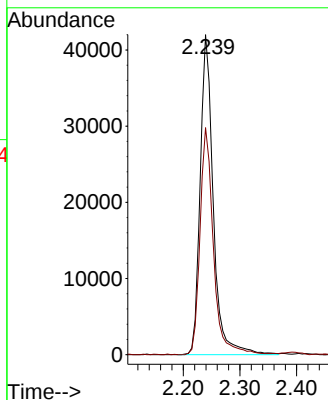
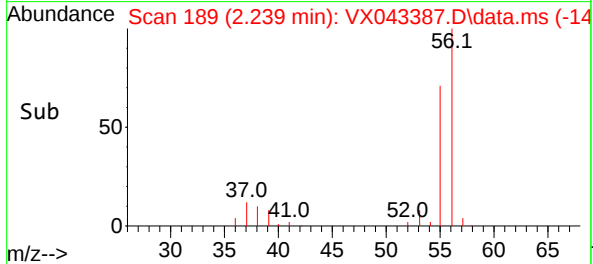
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6757
Ion Ratio Lower Upper
56 100
55 72.7 57.4 86.0

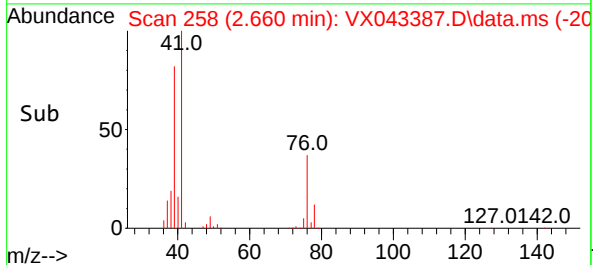
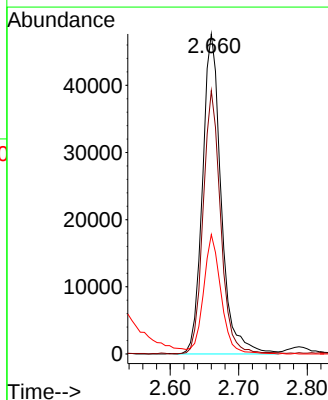
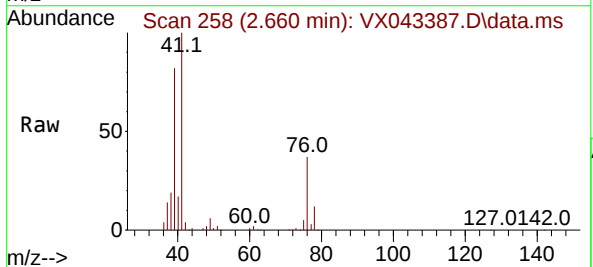
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#14
Allyl chloride
Concen: 50.202 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

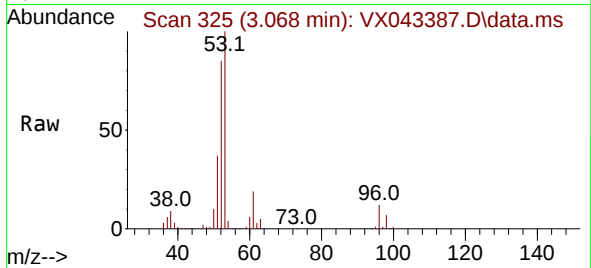
Tgt Ion: 41 Resp: 90826
Ion Ratio Lower Upper
41 100
39 77.1 61.7 92.5
76 34.9 28.6 43.0





#15
Acrylonitrile
Concen: 251.746 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

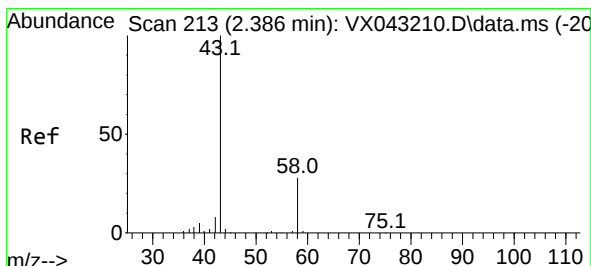
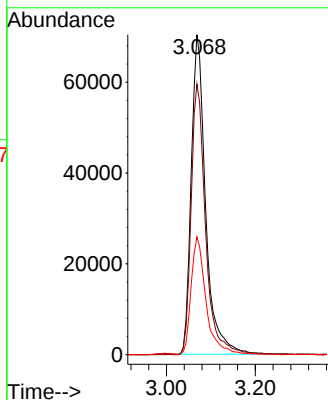
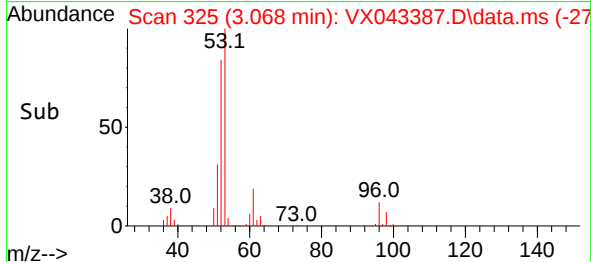
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



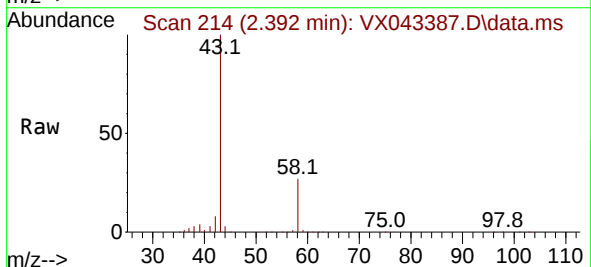
Tgt Ion: 53 Resp: 158340
Ion Ratio Lower Upper
53 100
52 85.1 67.6 101.4
51 38.4 30.3 45.5

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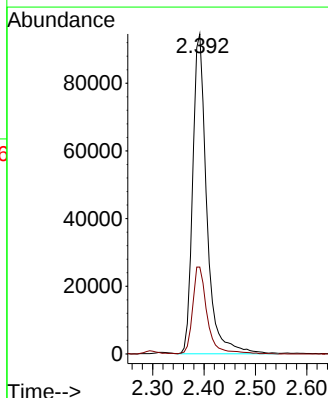
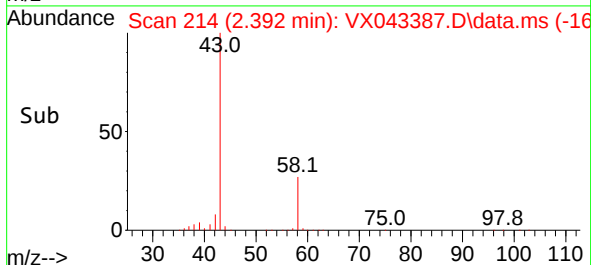
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
Acetone
Concen: 266.324 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion: 43 Resp: 180034
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8





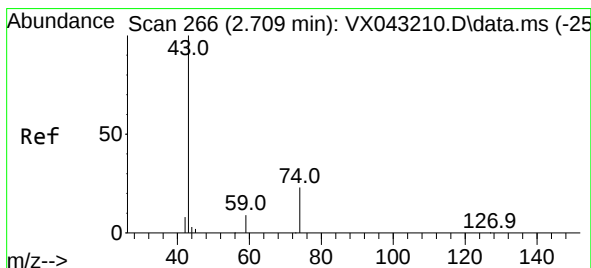
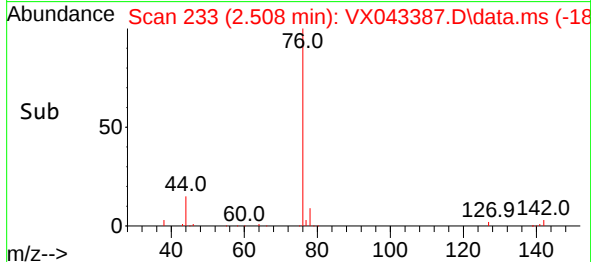
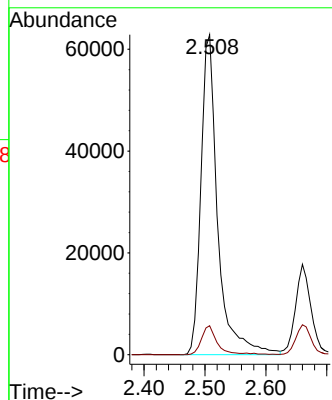
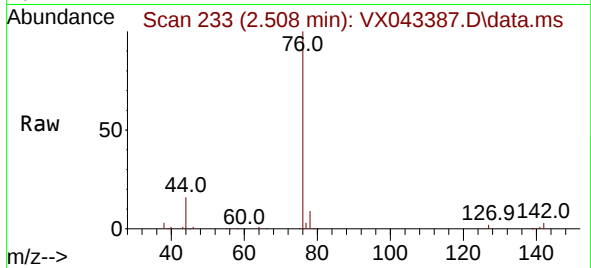
#17
Carbon Disulfide
Concen: 44.867 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 120179
Ion Ratio Lower Upper
76 100
78 9.0 6.7 10.1

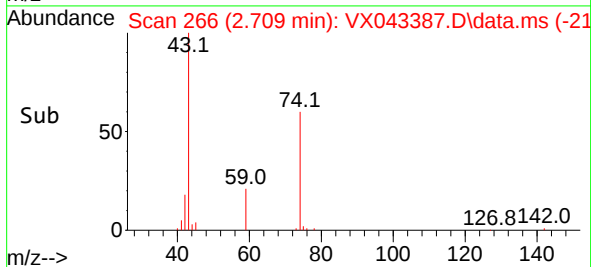
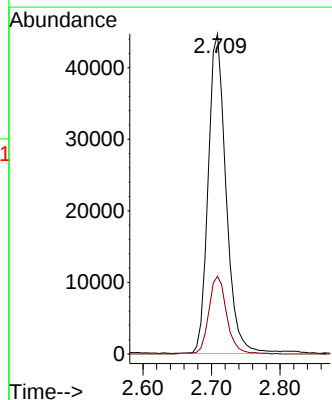
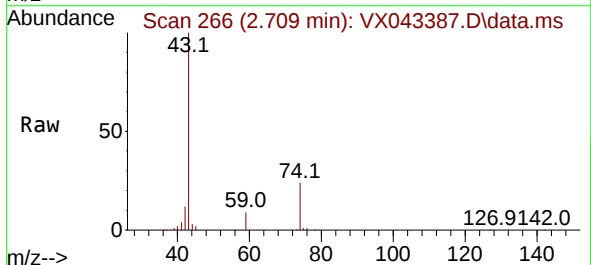
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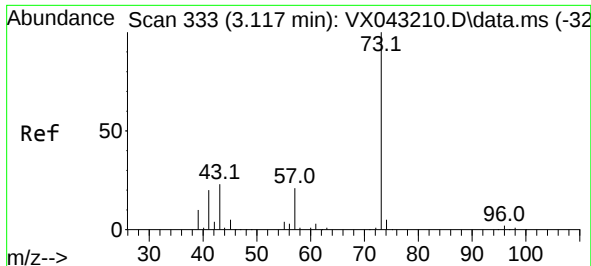
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#18
Methyl Acetate
Concen: 47.707 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 43 Resp: 80903
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





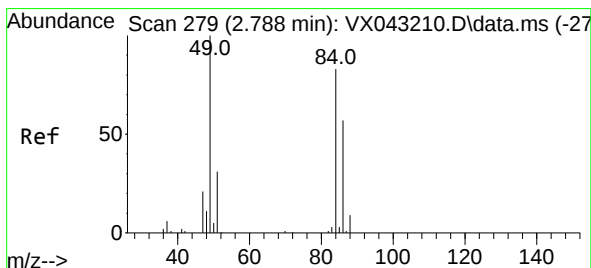
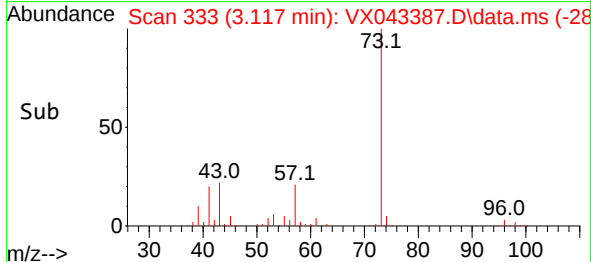
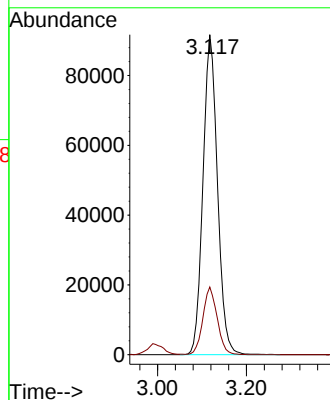
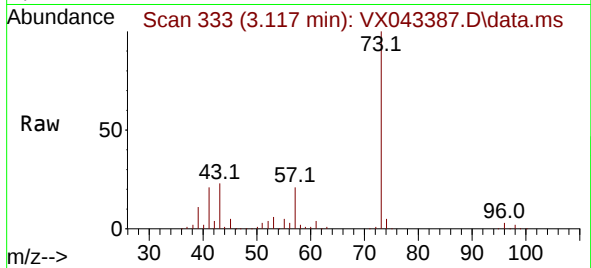
#19
Methyl tert-butyl Ether
Concen: 52.841 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20818
Ion Ratio Lower Upper
73 100
57 21.2 16.7 25.1

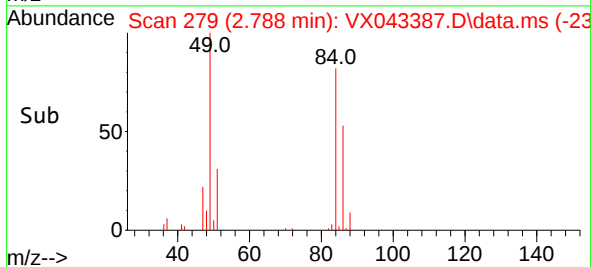
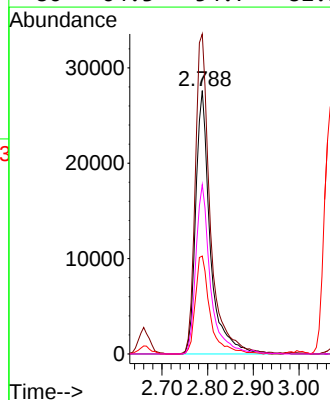
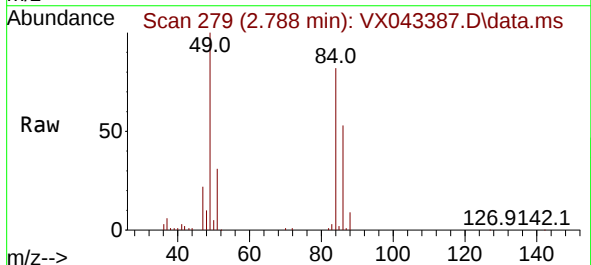
Manual Integrations
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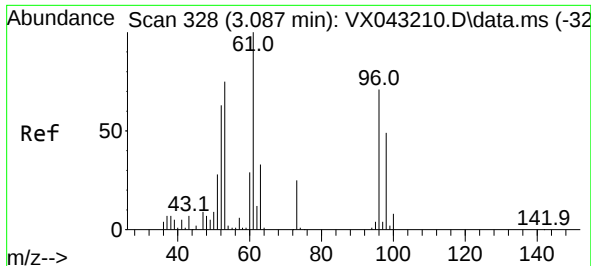
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#20
Methylene Chloride
Concen: 48.930 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

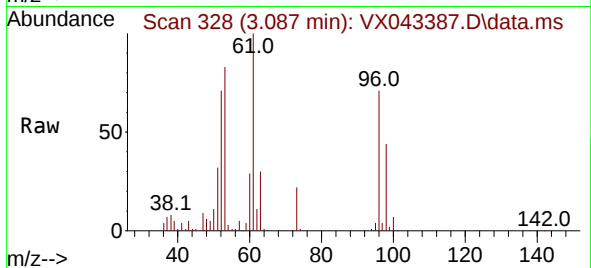
Tgt Ion: 84 Resp: 60986
Ion Ratio Lower Upper
84 100
49 121.5 96.7 145.1
51 37.2 30.4 45.6
86 64.3 54.7 82.1





#21
trans-1,2-Dichloroethene
Concen: 51.356 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

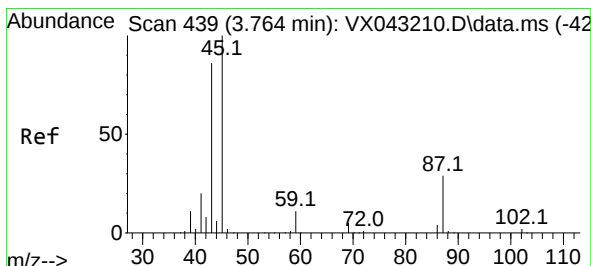
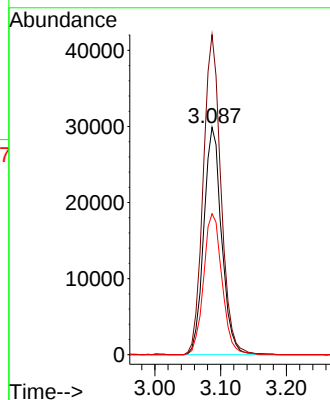
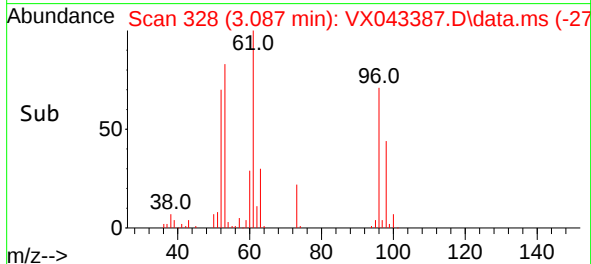
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 56280
Ion Ratio Lower Upper
96 100
61 140.8 112.3 168.5
98 62.0 54.6 82.0

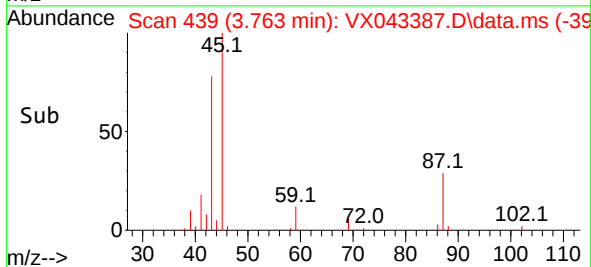
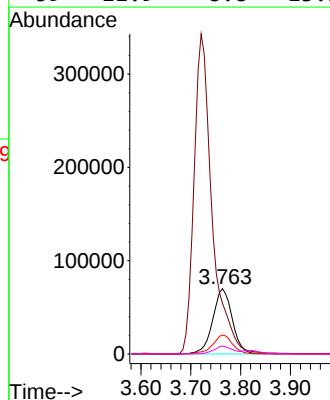
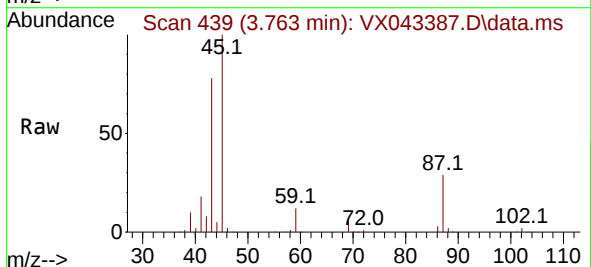
Manual Integrations
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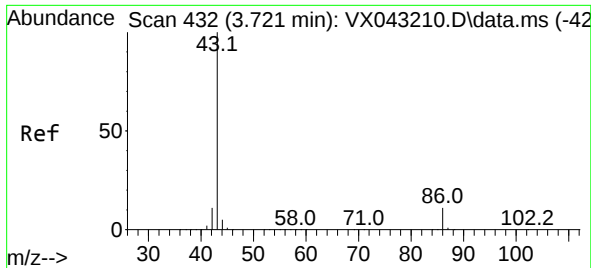
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#22
Diisopropyl ether
Concen: 52.145 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 45 Resp: 189755
Ion Ratio Lower Upper
45 100
43 76.6 68.5 102.7
87 28.9 23.0 34.4
59 11.9 8.8 13.2





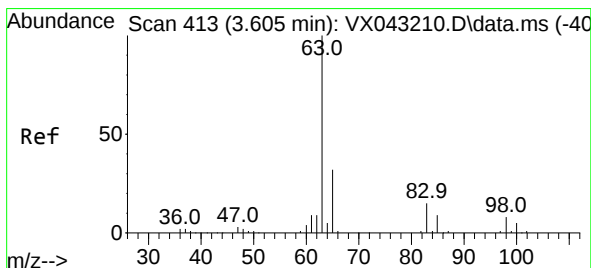
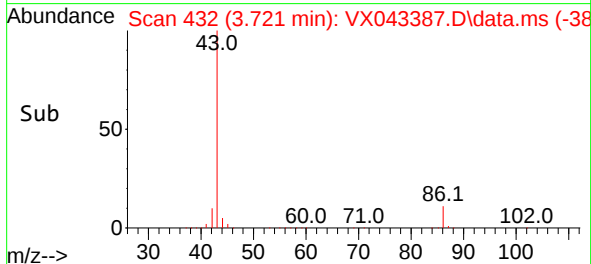
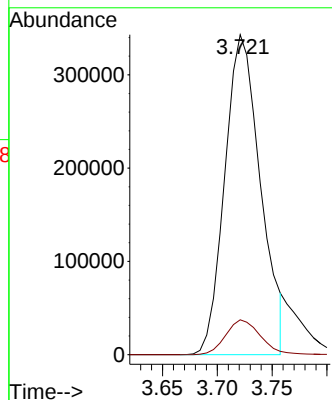
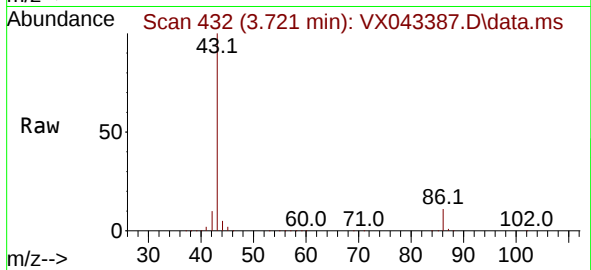
#23
 Vinyl Acetate
 Concen: 189.026 ug/l m
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043387.D
 Acq: 14 Oct 2024 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 77705
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2

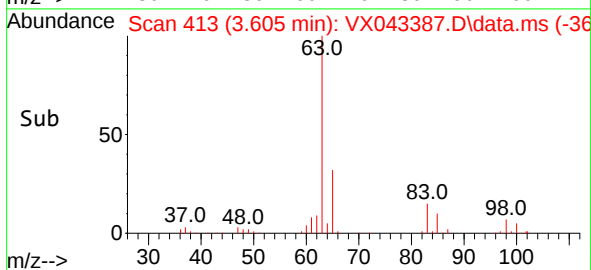
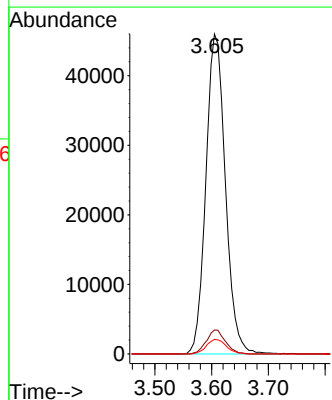
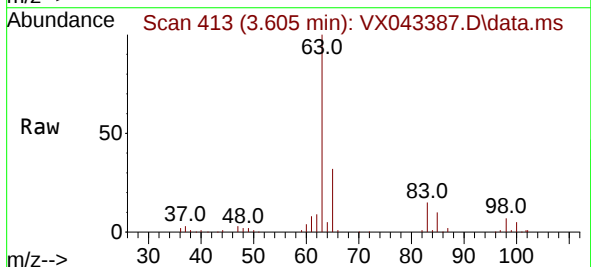
Manual Integrations
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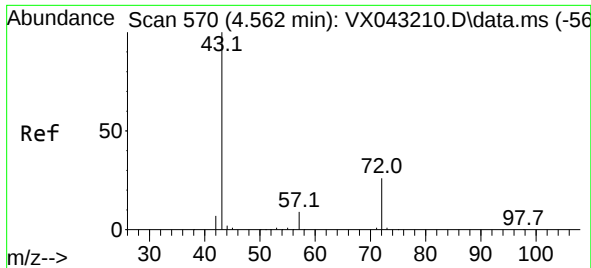
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#24
 1,1-Dichloroethane
 Concen: 51.842 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043387.D
 Acq: 14 Oct 2024 17:35

Tgt Ion: 63 Resp: 109905
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.5 2.5 7.4





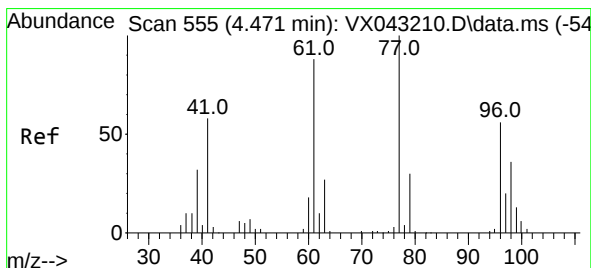
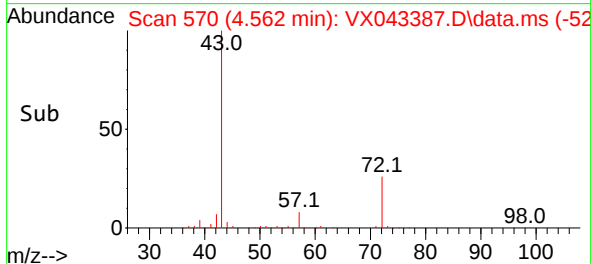
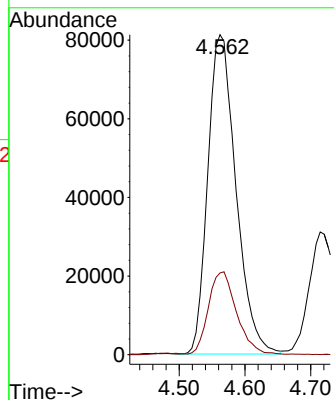
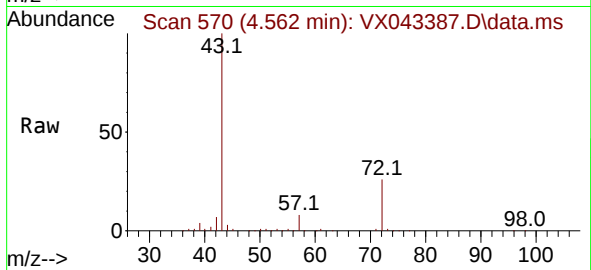
#25
2-Butanone
Concen: 261.182 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 242085
Ion Ratio Lower Upper
43 100
72 25.3 20.6 31.0

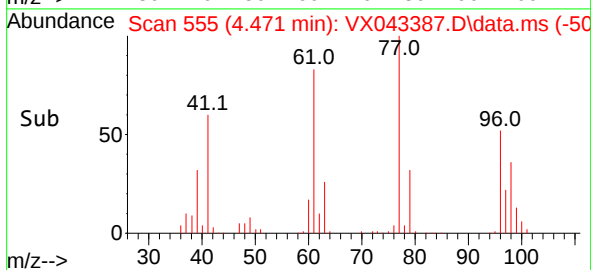
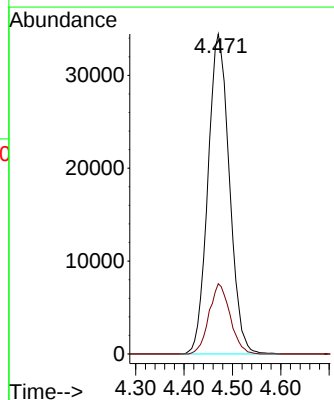
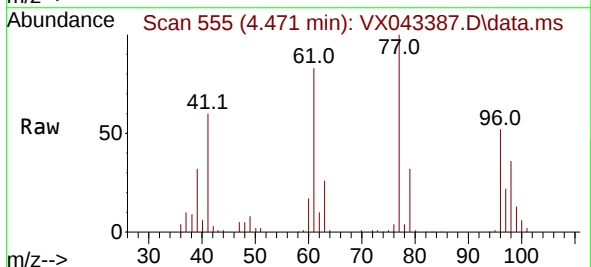
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#26
2,2-Dichloropropane
Concen: 52.542 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 77 Resp: 105980
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.719 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 70692

Ion Ratio Lower Upper

96 100

61 149.3 0.0 298.2

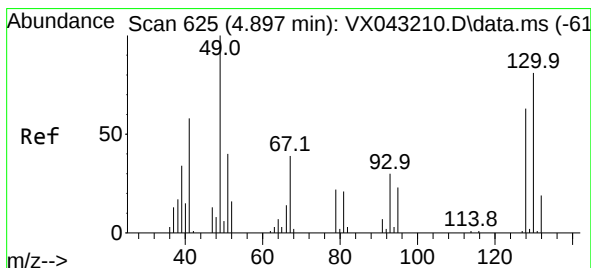
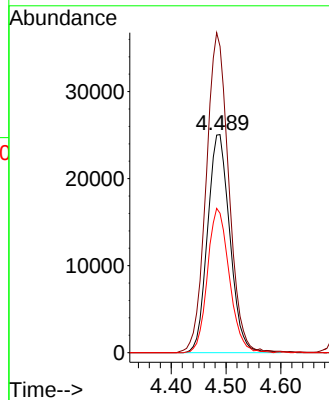
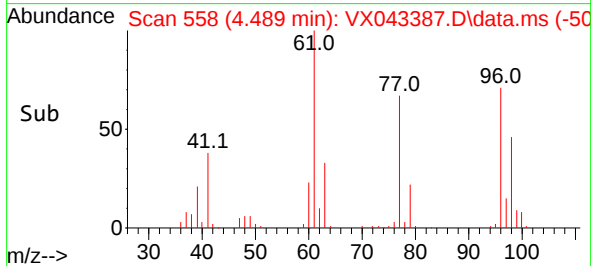
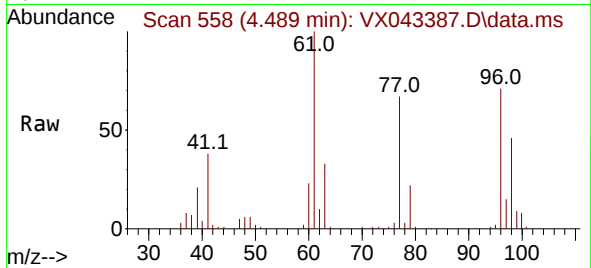
98 64.7 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#28

Bromochloromethane

Concen: 45.880 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

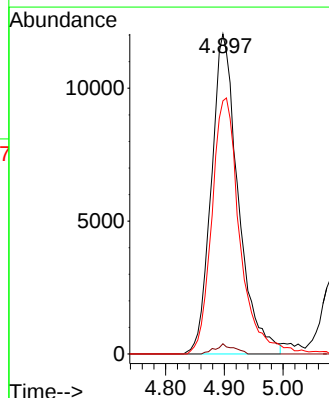
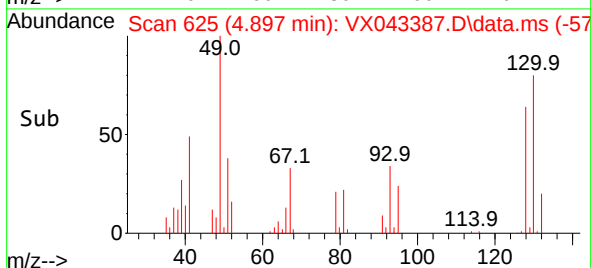
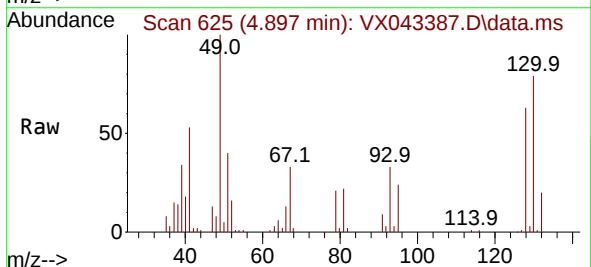
Tgt Ion: 49 Resp: 38373

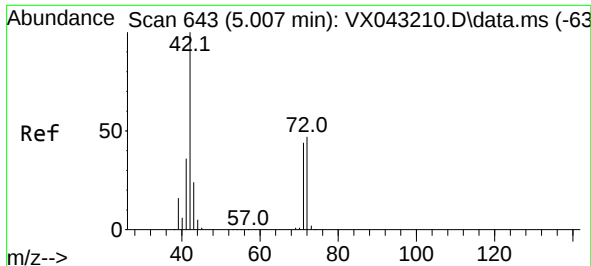
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 82.9 65.5 98.3





#29

Tetrahydrofuran

Concen: 253.373 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

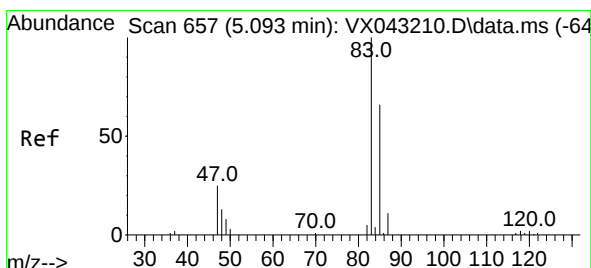
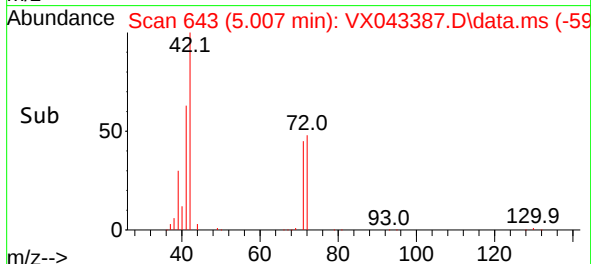
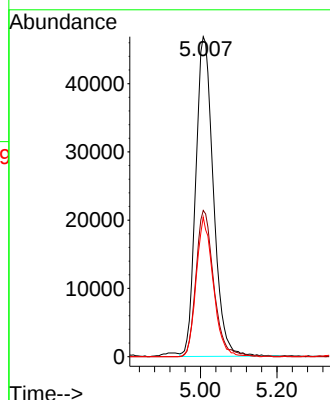
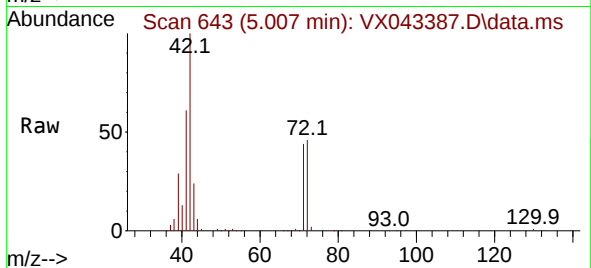
Tgt Ion: 42 Resp: 149608
 Ion Ratio Lower Upper
 42 100
 72 46.3 37.7 56.5
 71 42.1 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#30

Chloroform

Concen: 50.931 ug/l

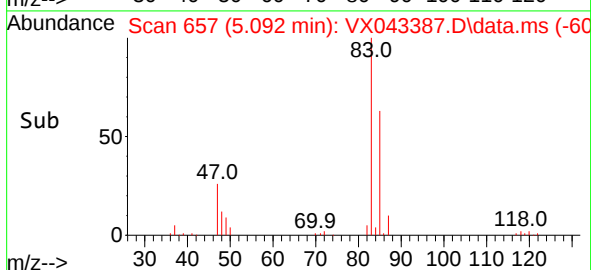
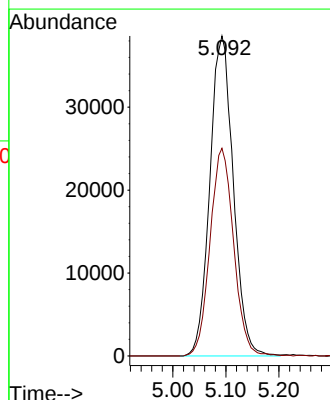
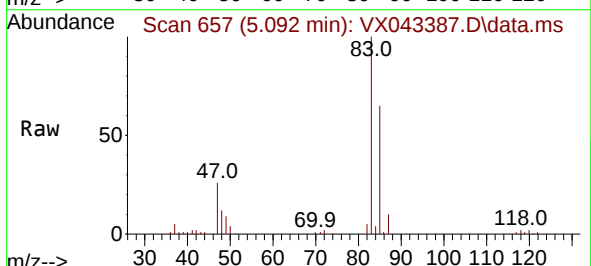
RT: 5.092 min Scan# 657

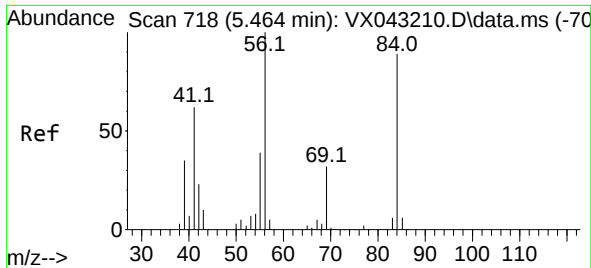
Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

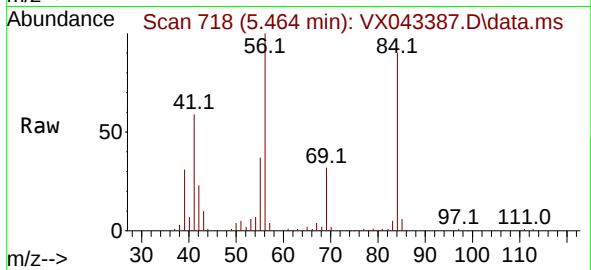
Tgt Ion: 83 Resp: 118574
 Ion Ratio Lower Upper
 83 100
 85 64.9 52.5 78.7





#31
Cyclohexane
Concen: 50.610 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

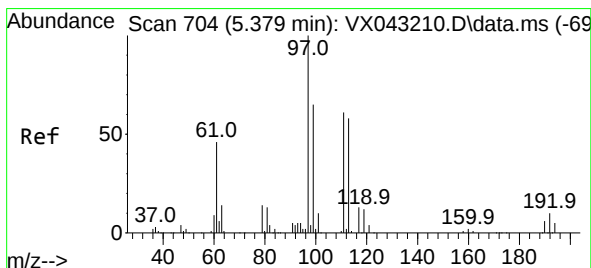
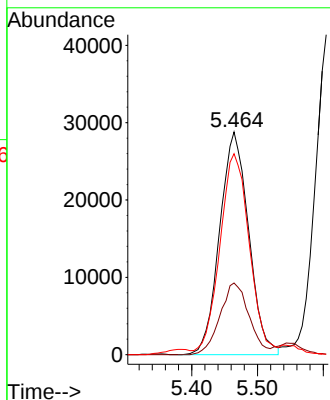
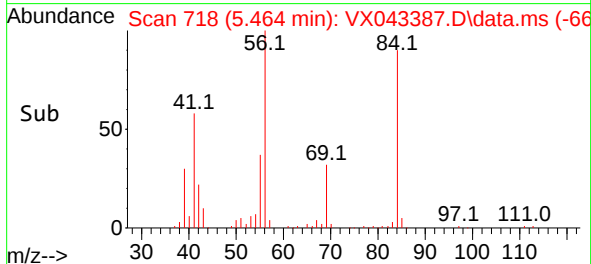
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 88399
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 87.8 71.1 106.7

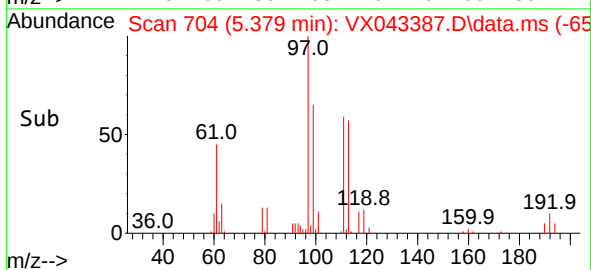
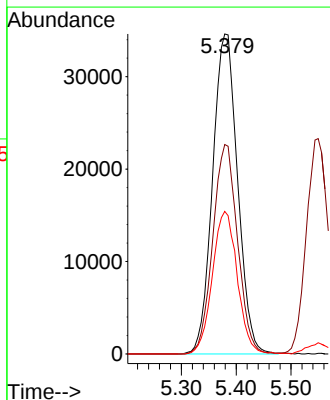
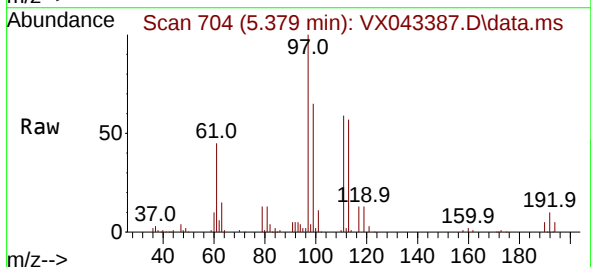
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#32
1,1,1-Trichloroethane
Concen: 51.308 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 97 Resp: 109715
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 44.5 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 52.298 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 84650

Ion Ratio Lower Upper

65 100

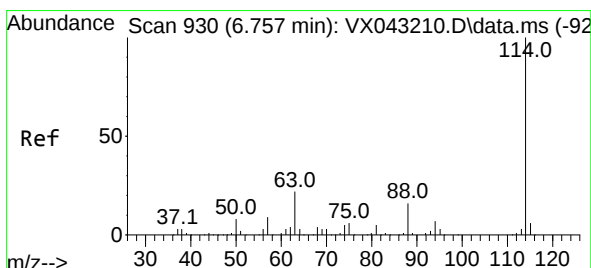
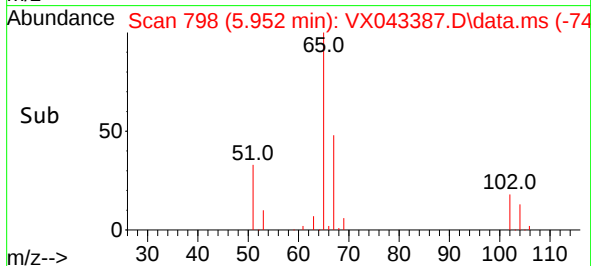
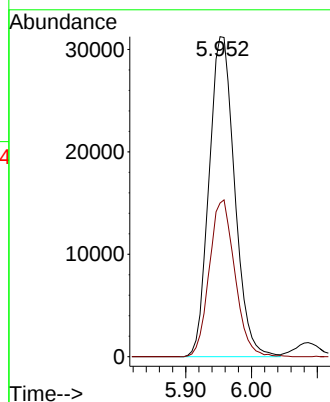
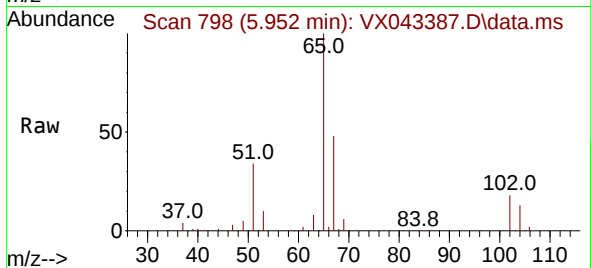
67 48.9 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

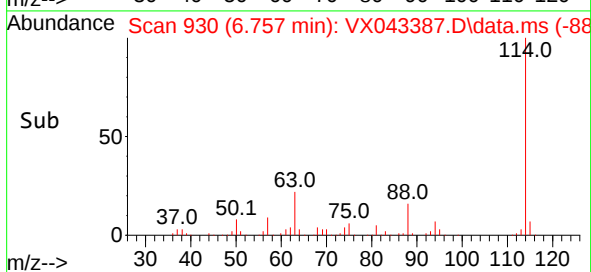
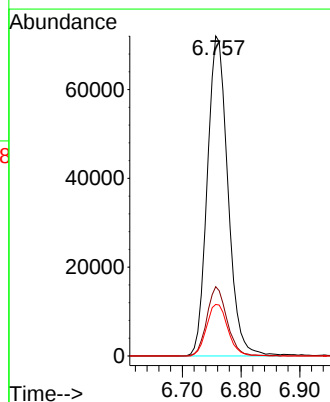
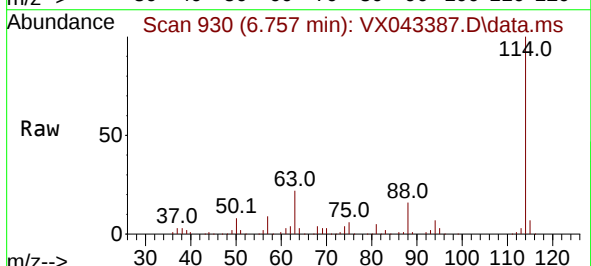
Tgt Ion:114 Resp: 175324

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.134 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043387.D

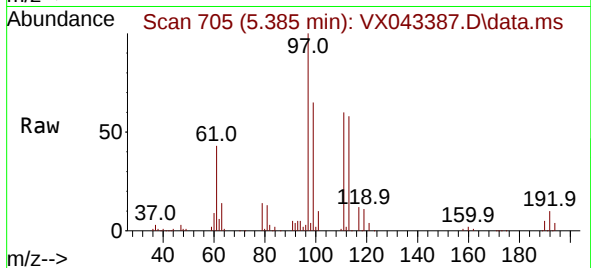
Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 6061

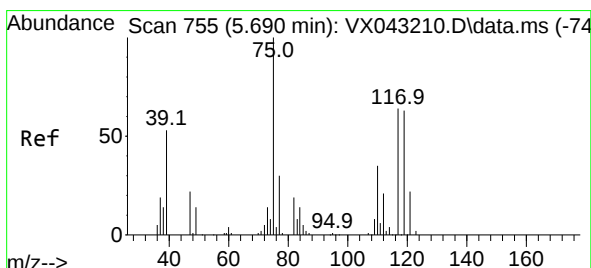
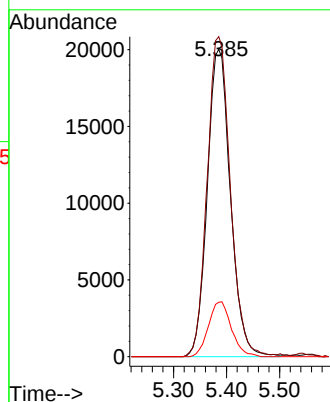
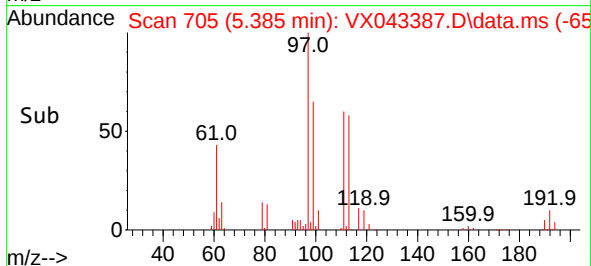
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.0
192	17.7	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#36

1,1-Dichloropropene

Concen: 50.183 ug/l

RT: 5.690 min Scan# 755

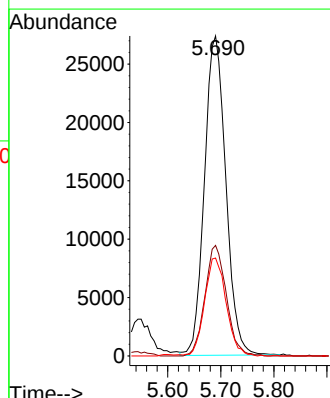
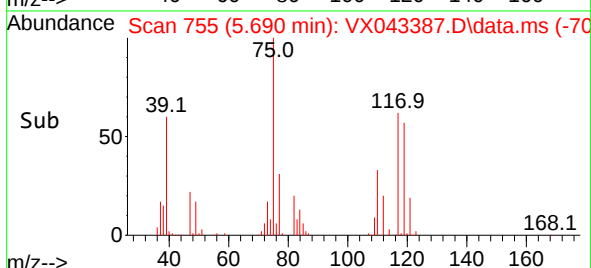
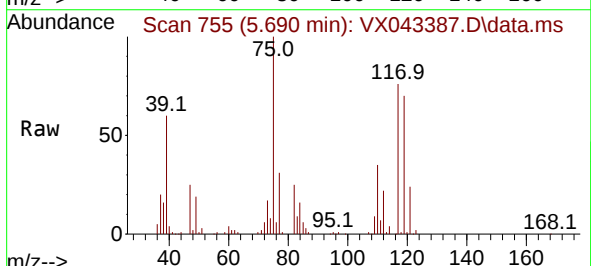
Delta R.T. -0.000 min

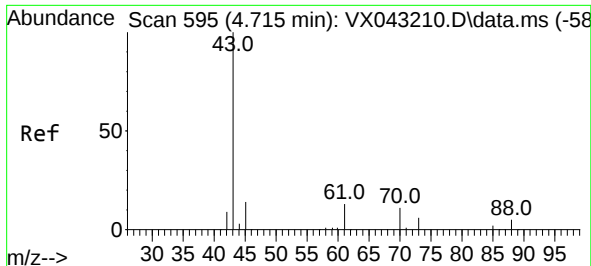
Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion: 75 Resp: 76654

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.8	53.3
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 50.556 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

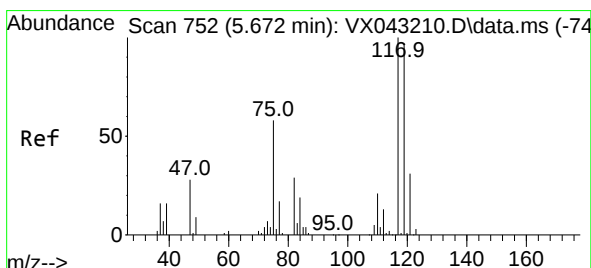
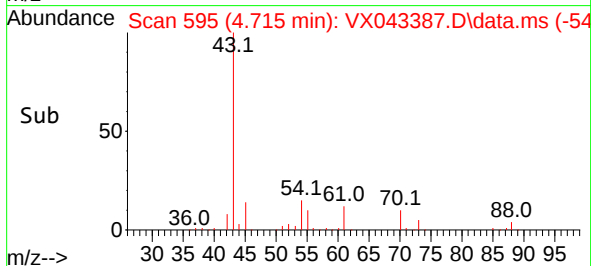
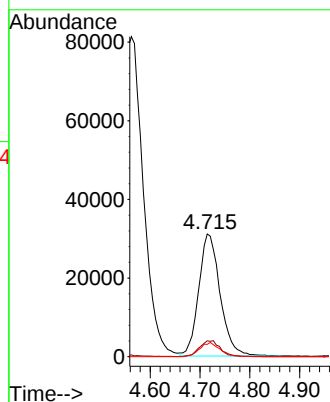
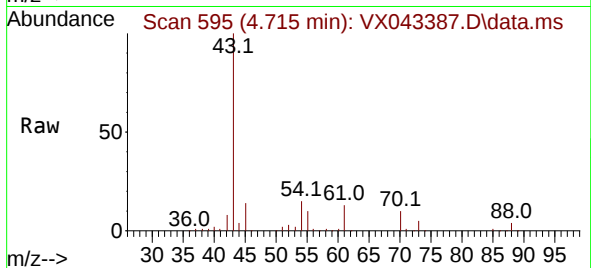
Tgt Ion:	43	Resp:	9273
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.4
70	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#38

Carbon Tetrachloride

Concen: 49.930 ug/l

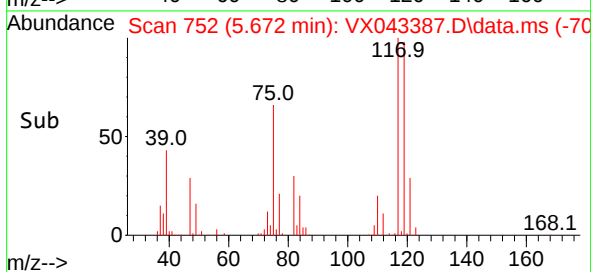
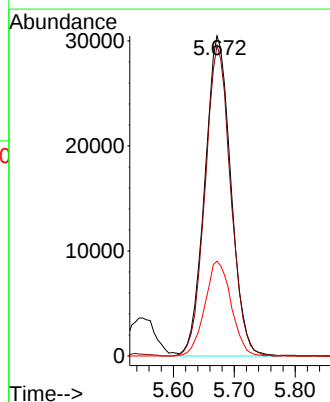
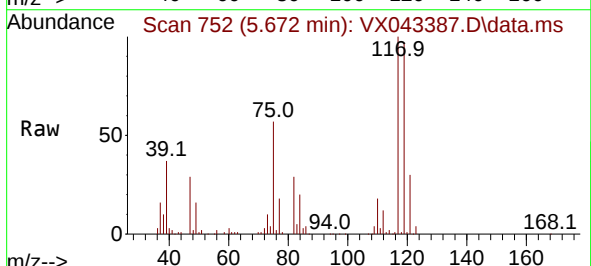
RT: 5.672 min Scan# 752

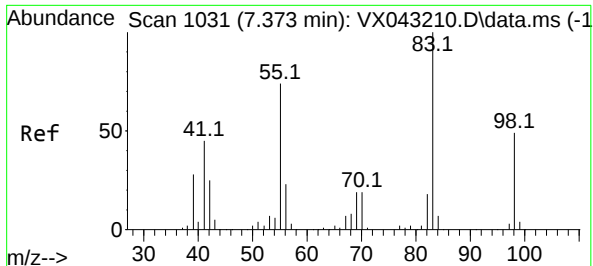
Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion:	117	Resp:	90287
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.7	116.5
121	29.6	24.3	36.5





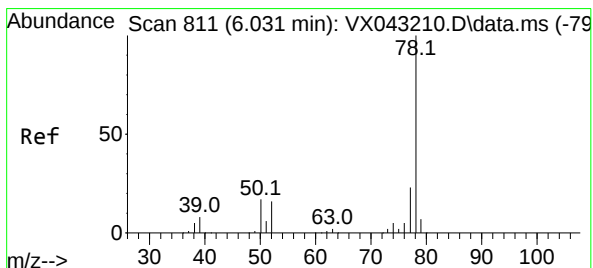
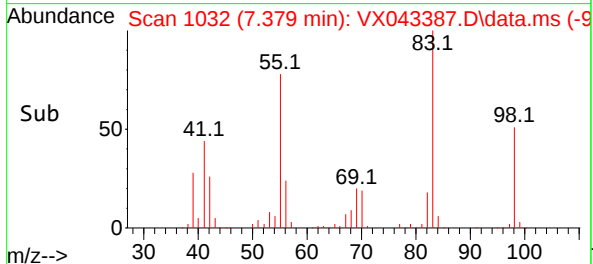
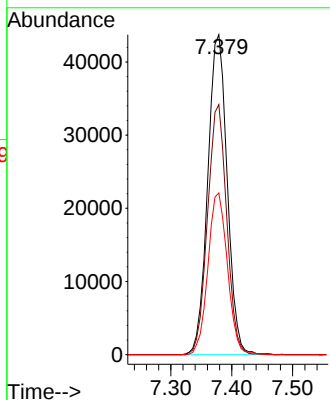
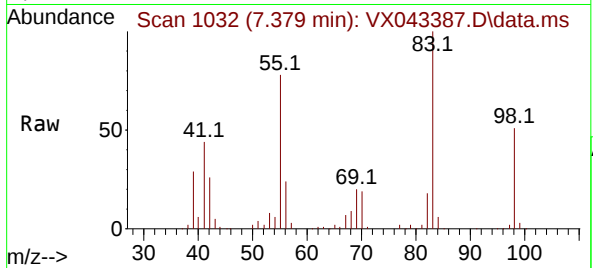
#39
Methylcyclohexane
Concen: 50.500 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9701
Ion Ratio Lower Upper
83 100
55 78.2 59.4 89.2
98 50.5 39.3 58.9

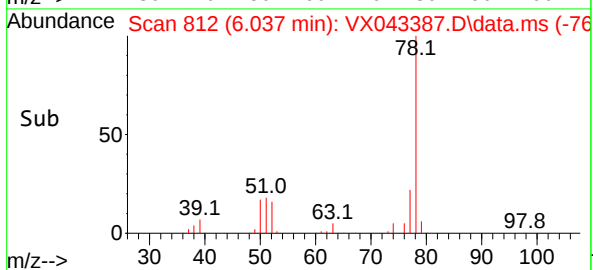
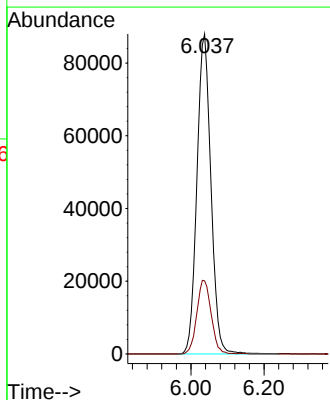
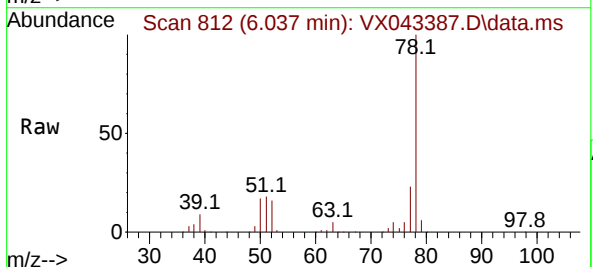
Manual Integrations
APPROVED

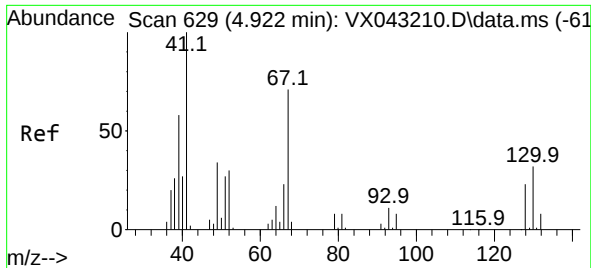
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#40
Benzene
Concen: 50.589 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 78 Resp: 234285
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2





#41
Methacrylonitrile
Concen: 52.742 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

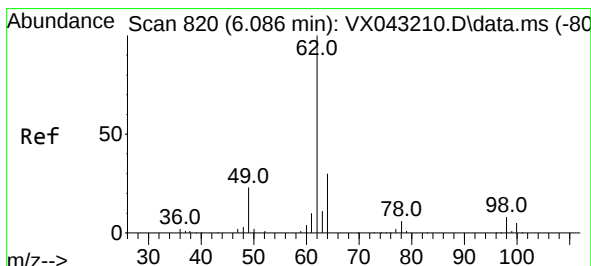
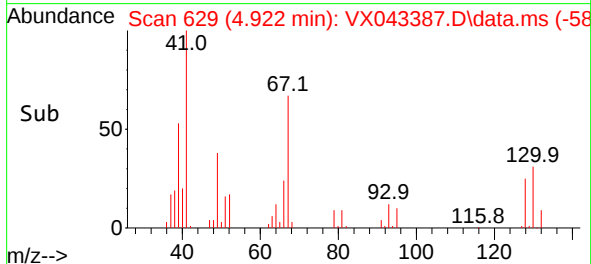
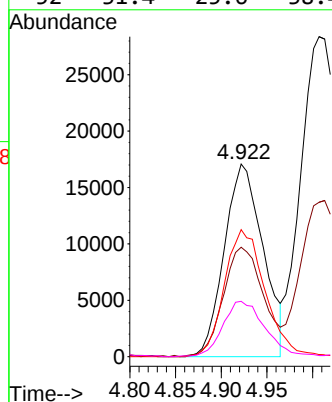
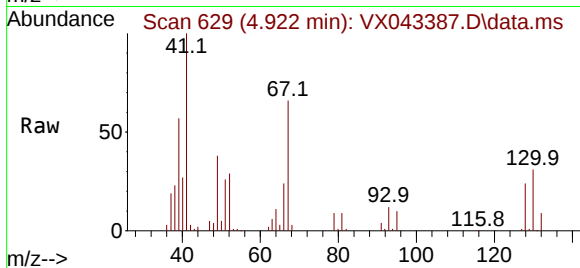
Tgt Ion: 41 Resp: 5036
Ion Ratio Lower Upper
41 100
39 59.0 45.0 67.4
67 69.4 56.0 84.0
52 31.4 25.6 38.4

Manual Integrations

APPROVED

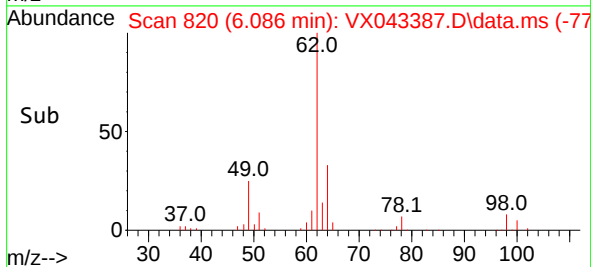
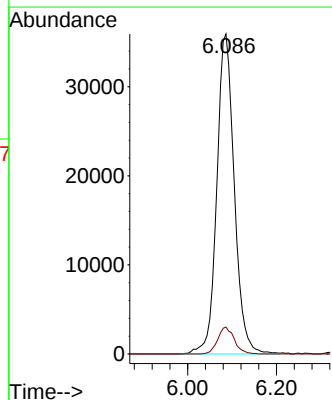
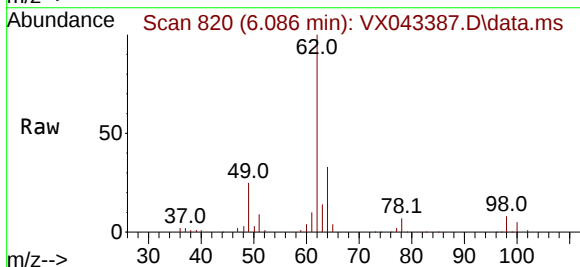
Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#42
1,2-Dichloroethane
Concen: 51.925 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

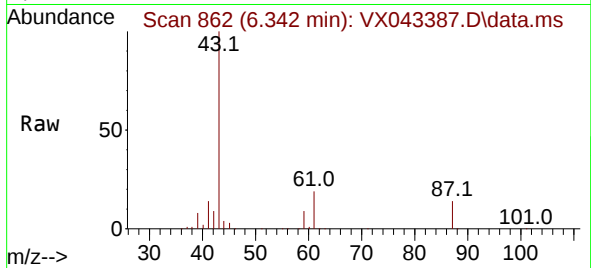
Tgt Ion: 62 Resp: 97993
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.024 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

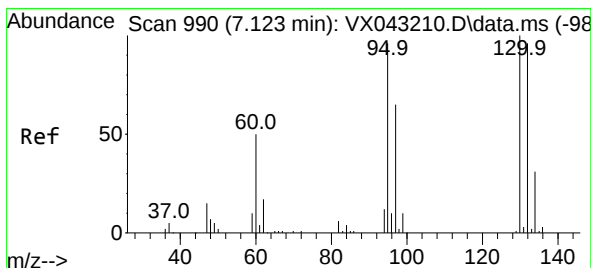
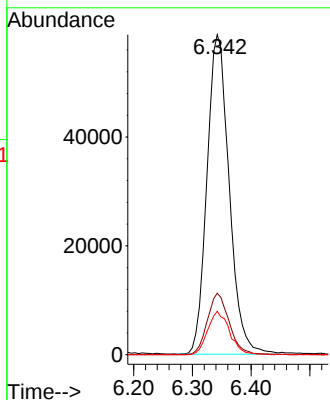
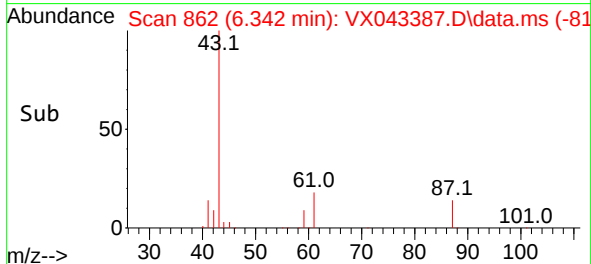
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15459
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 13.3 10.8 16.2

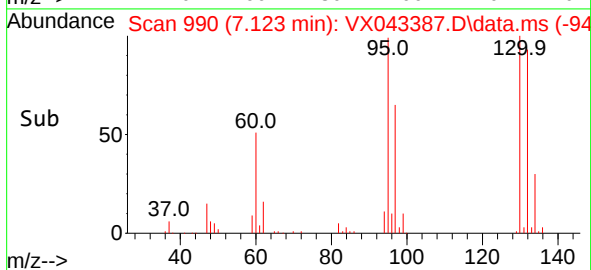
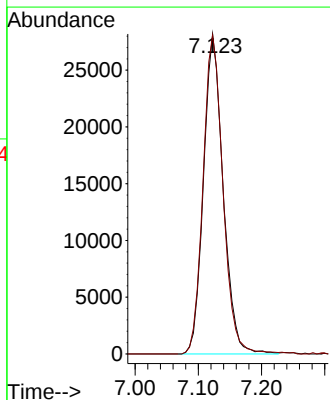
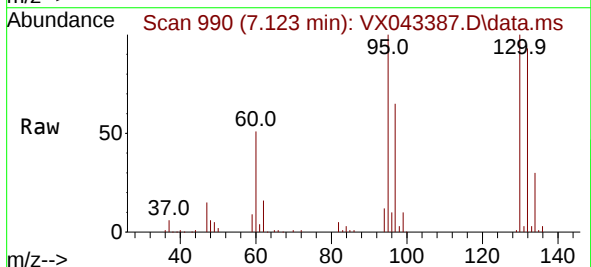
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
Trichloroethene
Concen: 49.530 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion:130 Resp: 60841
Ion Ratio Lower Upper
130 100
95 99.7 0.0 192.2





#45

1,2-Dichloropropane

Concen: 50.919 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 57870

Ion Ratio Lower Upper

63 100

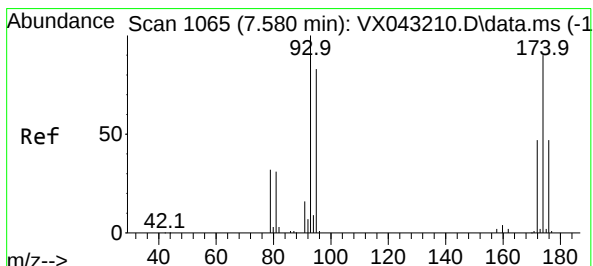
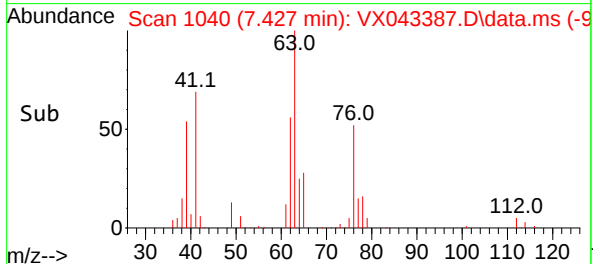
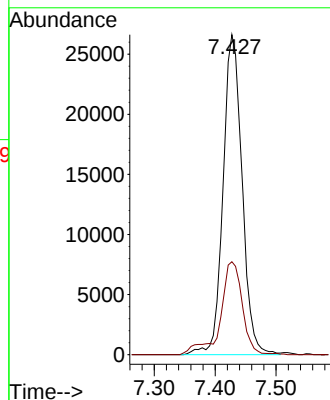
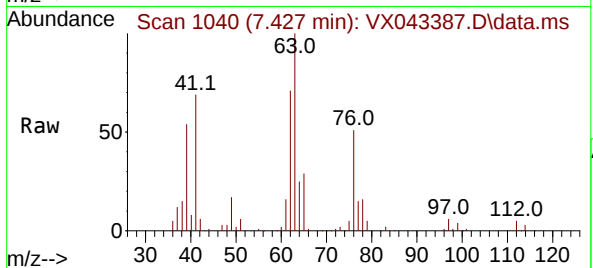
65 29.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#46

Dibromomethane

Concen: 51.038 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

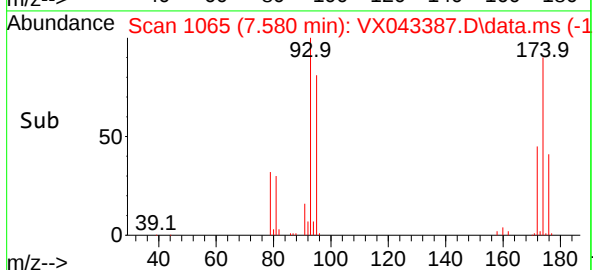
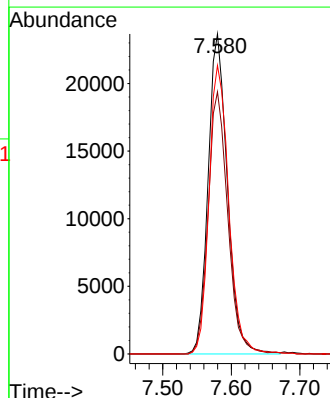
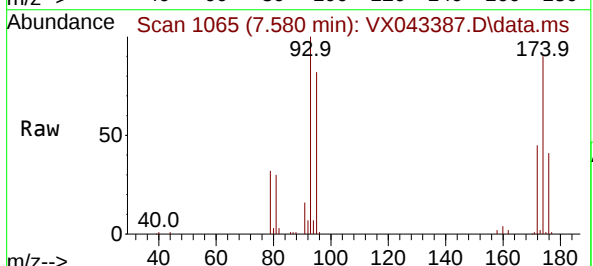
Tgt Ion: 93 Resp: 46481

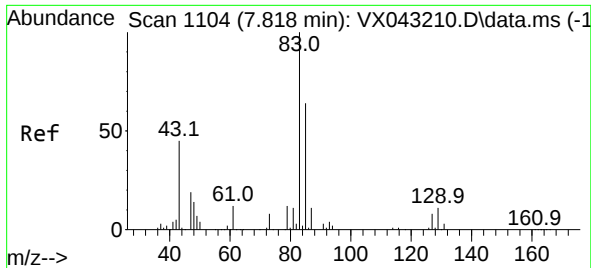
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

174 92.1 74.5 111.7





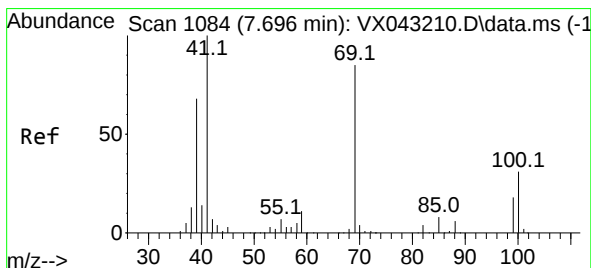
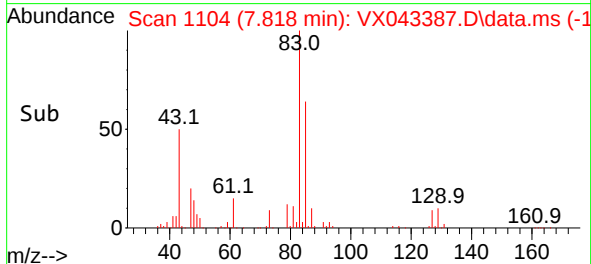
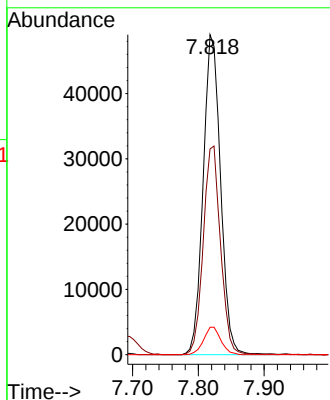
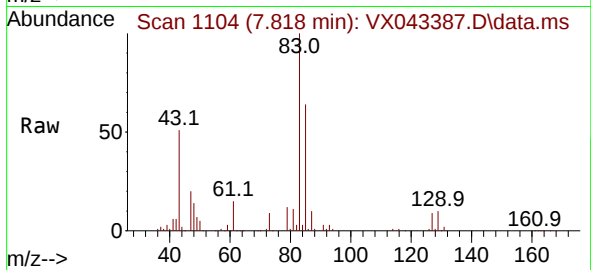
#47
Bromodichloromethane
Concen: 50.481 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90380
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 8.5 6.2 9.4

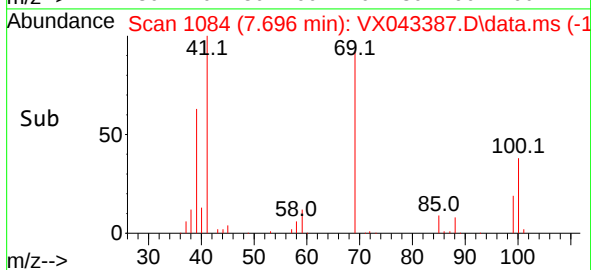
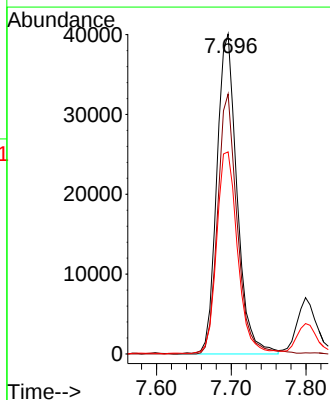
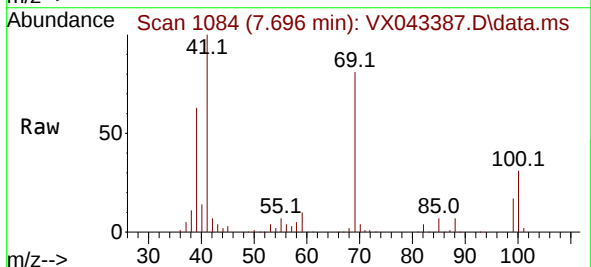
Manual Integrations
APPROVED

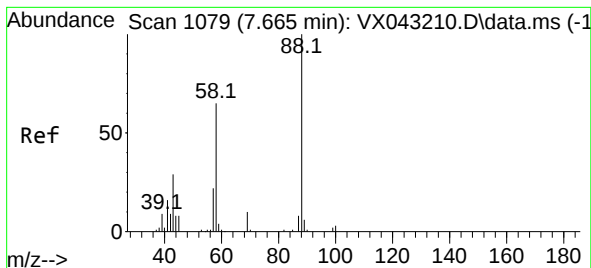
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48
Methyl methacrylate
Concen: 50.788 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 41 Resp: 75501
Ion Ratio Lower Upper
41 100
69 78.9 64.1 96.1
39 65.0 52.8 79.2





#49

1,4-Dioxane

Concen: 887.476 ug/l m

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 25640

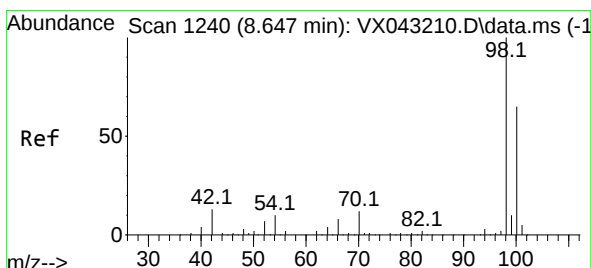
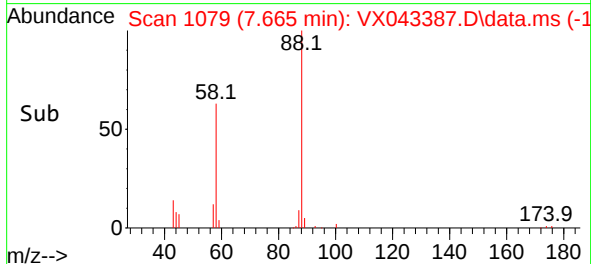
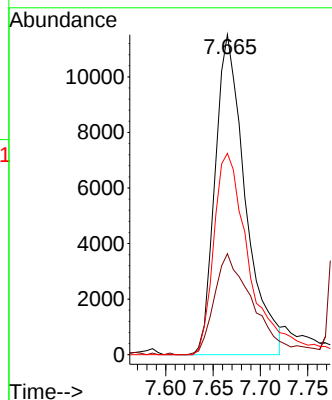
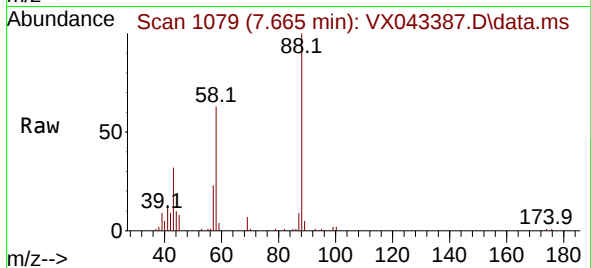
Ion	Ratio	Lower	Upper
88	100		
43	40.7	29.5	44.3
58	74.7	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#50

Toluene-d8

Concen: 48.886 ug/l

RT: 8.647 min Scan# 1240

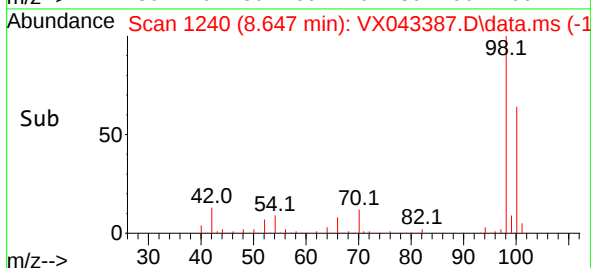
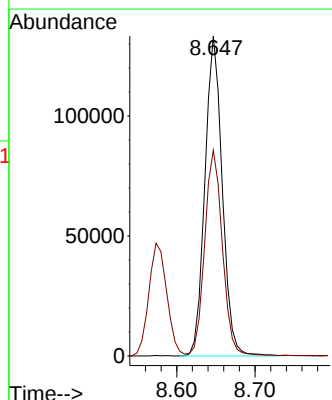
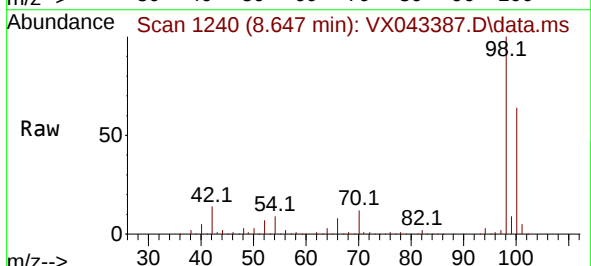
Delta R.T. -0.000 min

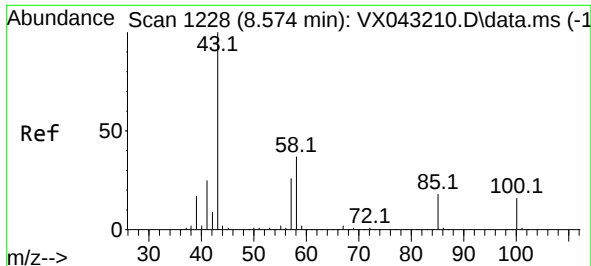
Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion: 98 Resp: 204836

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 250.701 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

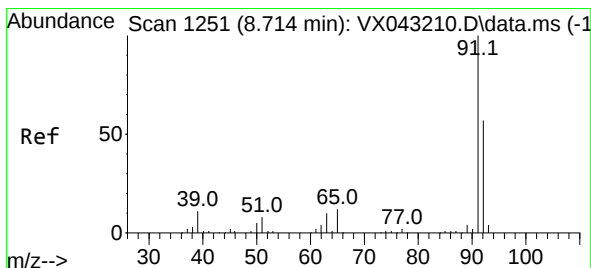
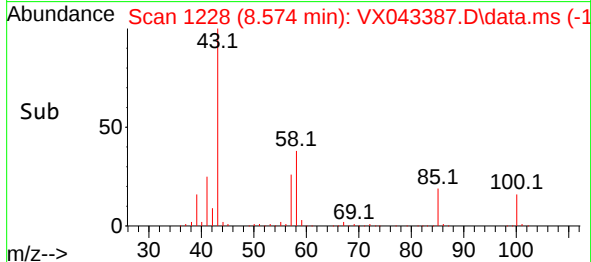
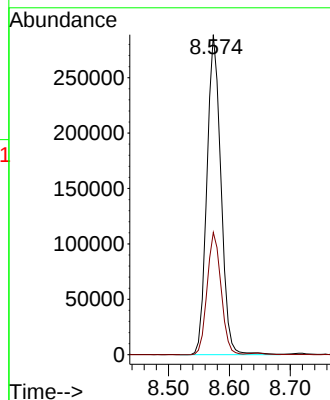
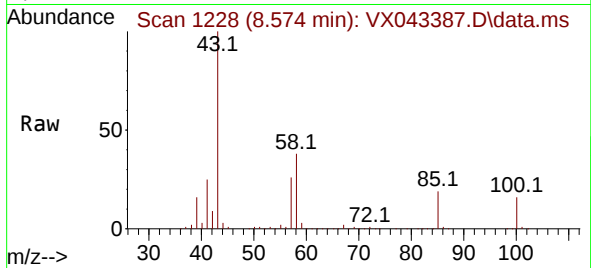
VSTDCCC050EC

Tgt Ion: 43 Resp: 461329
Ion Ratio Lower Upper
43 100
58 37.9 30.0 45.0

Manual Integrations

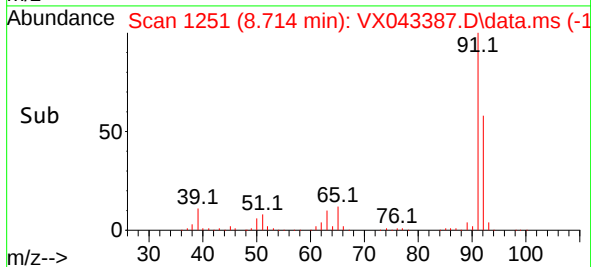
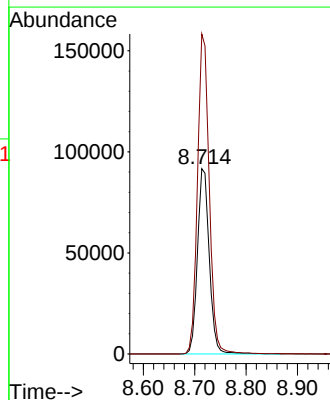
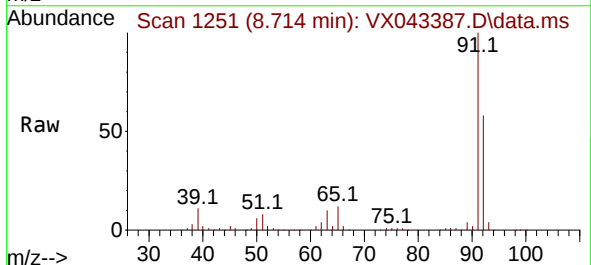
APPROVED

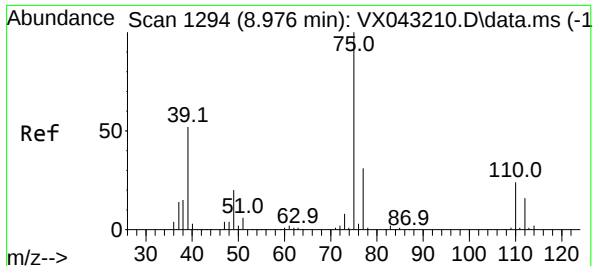
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#52
Toluene
Concen: 50.461 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 92 Resp: 146464
Ion Ratio Lower Upper
92 100
91 171.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.385 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 93204

Ion Ratio Lower Upper

75 100

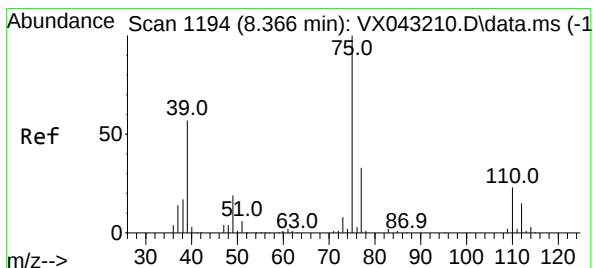
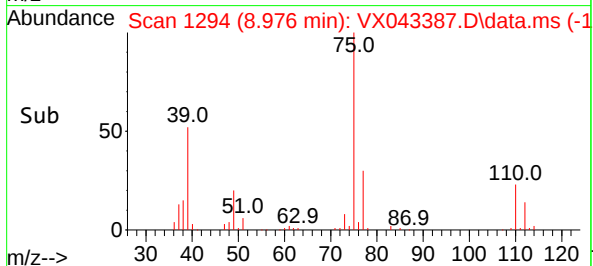
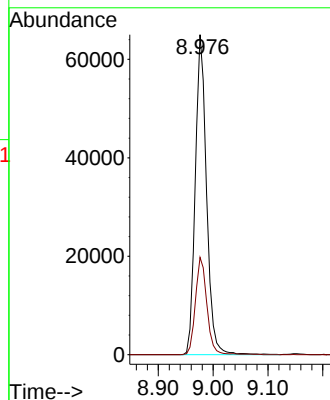
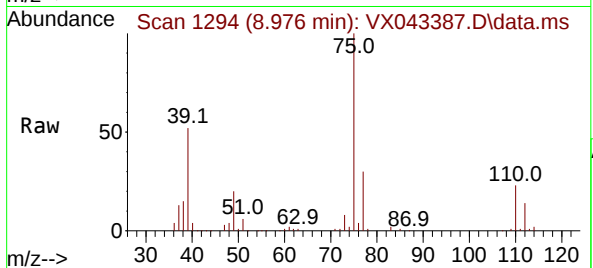
77 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#54

cis-1,3-Dichloropropene

Concen: 51.925 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

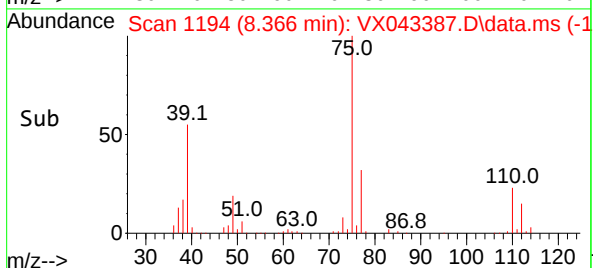
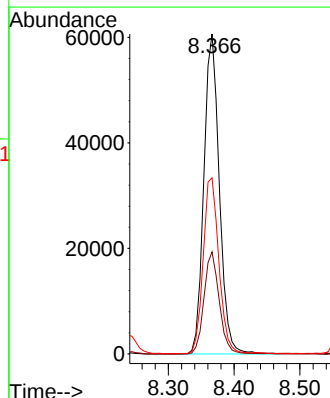
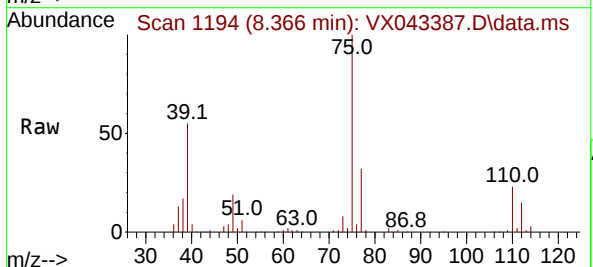
Tgt Ion: 75 Resp: 99086

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

39 54.9 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 50.612 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

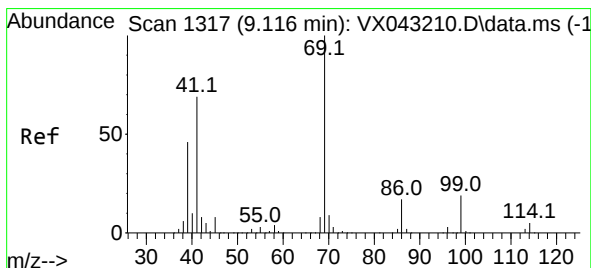
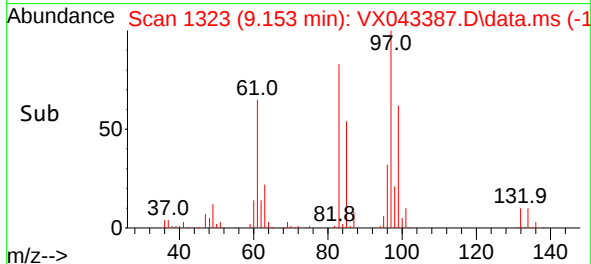
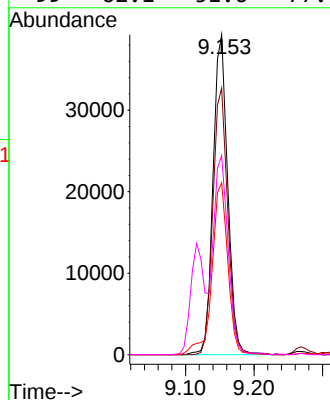
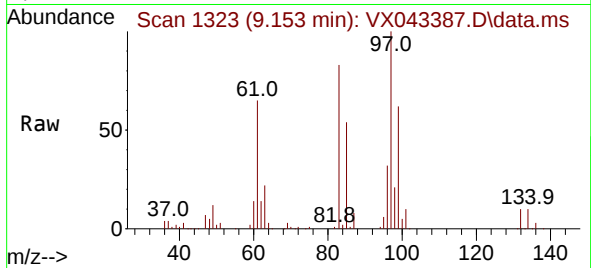
Tgt Ion: 97 Resp: 5838
Ion Ratio Lower Upper
97 100
83 83.3 66.9 100.3
85 53.7 43.9 65.9
99 62.1 51.6 77.4

Manual Integrations

APPROVED

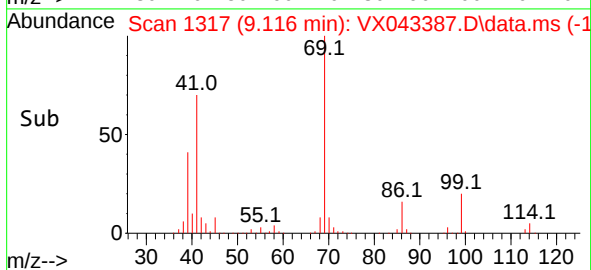
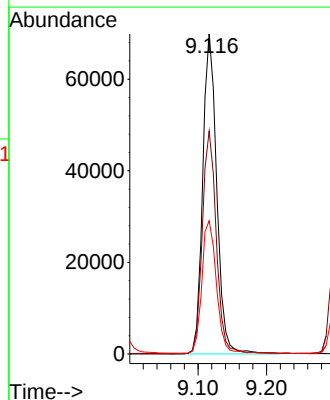
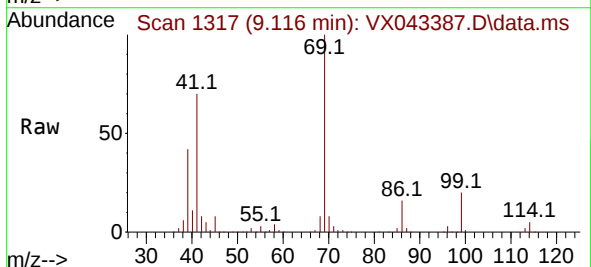
Reviewed By :John Carlone 10/15/2024

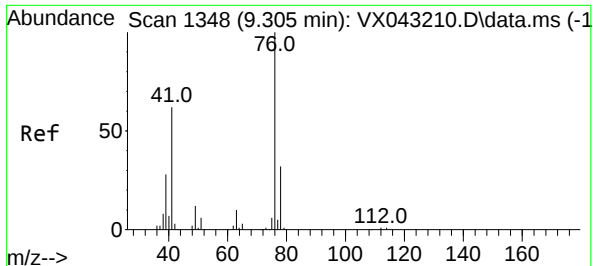
Supervised By :Mahesh Dadoda 10/15/2024



#56
Ethyl methacrylate
Concen: 52.815 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

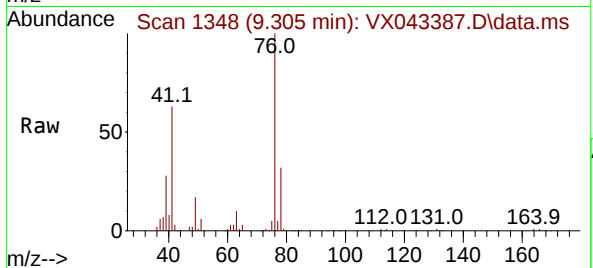
Tgt Ion: 69 Resp: 99604
Ion Ratio Lower Upper
69 100
41 70.3 56.1 84.1
39 43.4 36.4 54.6





#57
1,3-Dichloropropane
Concen: 51.096 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

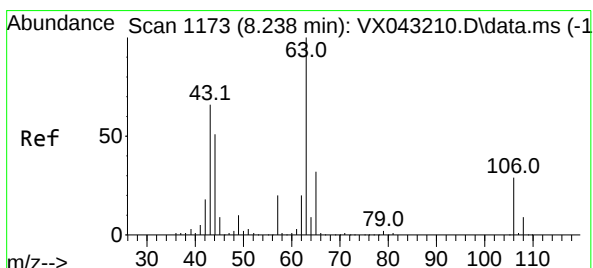
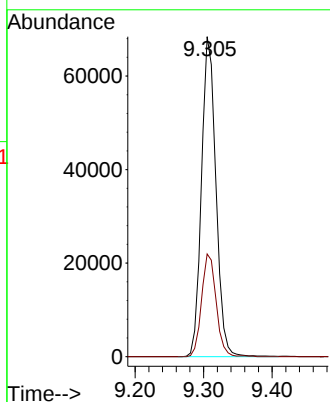
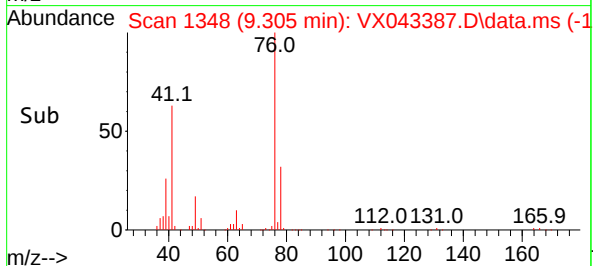
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



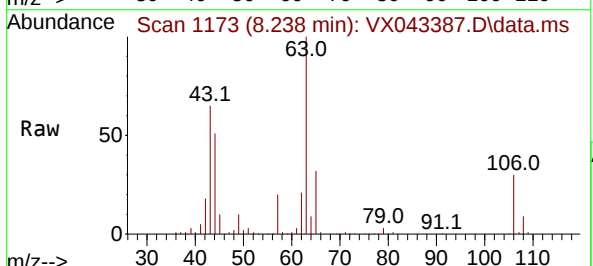
Tgt Ion: 76 Resp: 100380
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

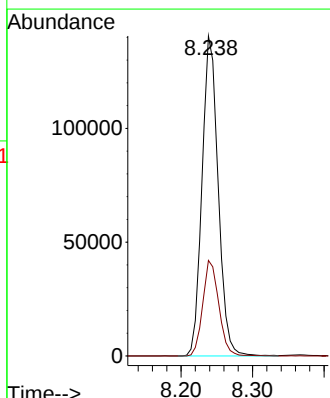
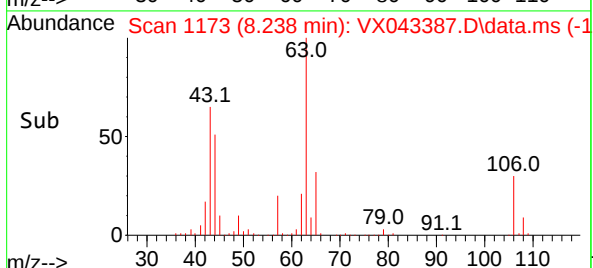
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

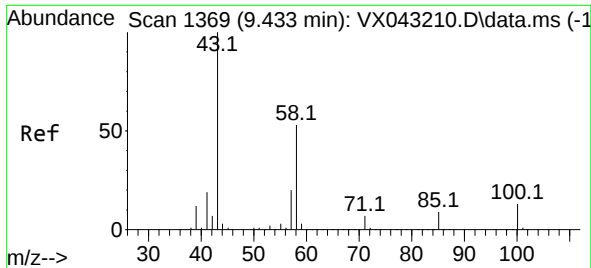


#58
2-Chloroethyl Vinyl ether
Concen: 259.348 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion: 63 Resp: 220463
Ion Ratio Lower Upper
63 100
106 29.7 23.7 35.5





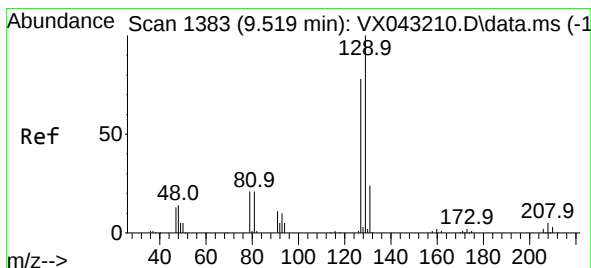
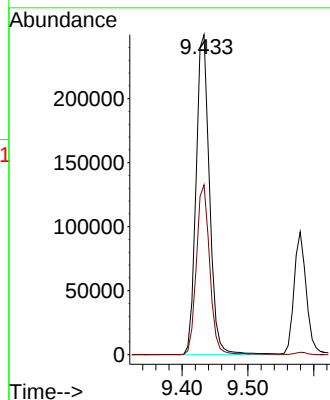
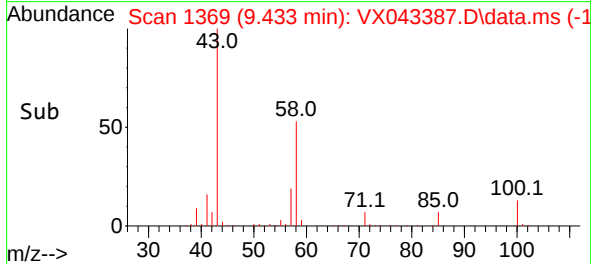
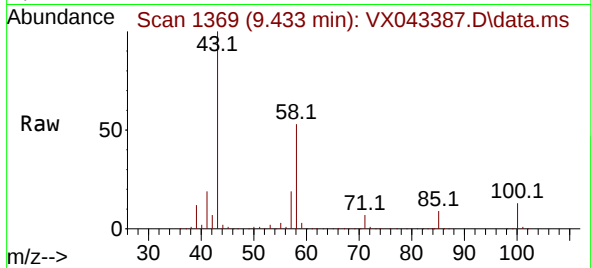
#59
2-Hexanone
Concen: 254.743 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 354480
Ion Ratio Lower Upper
43 100
58 52.8 26.1 78.3

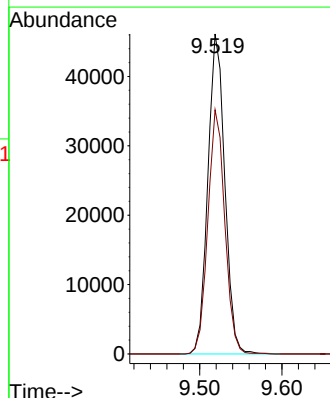
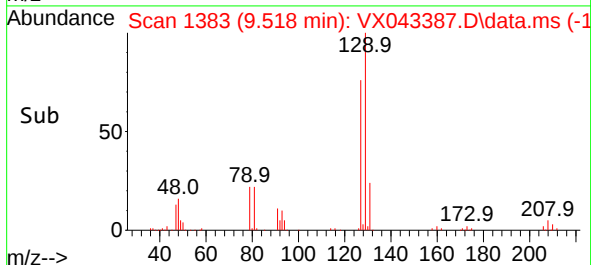
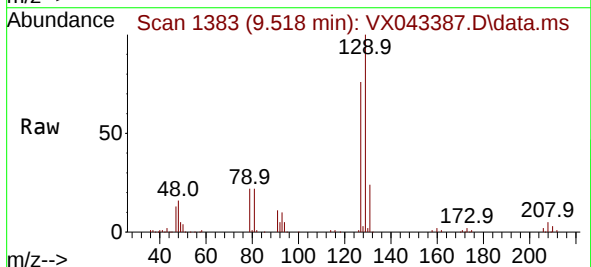
Manual Integrations
APPROVED

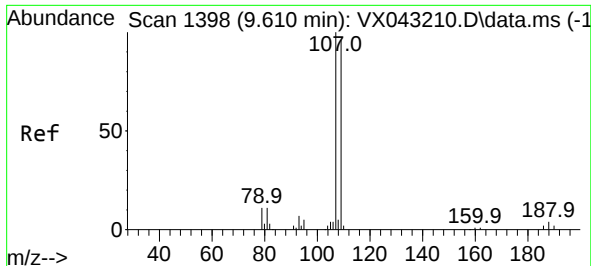
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
Dibromochloromethane
Concen: 49.262 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

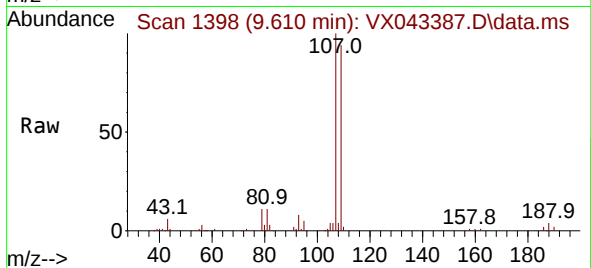
Tgt Ion:129 Resp: 65923
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9





#61
1,2-Dibromoethane
Concen: 50.687 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

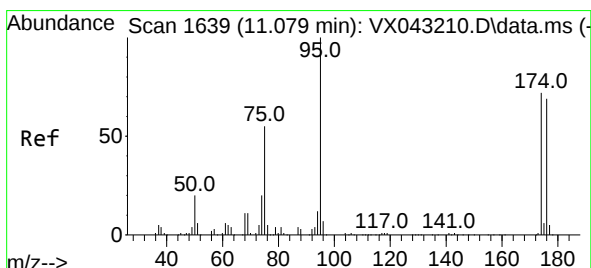
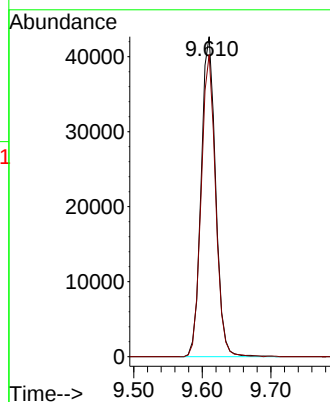
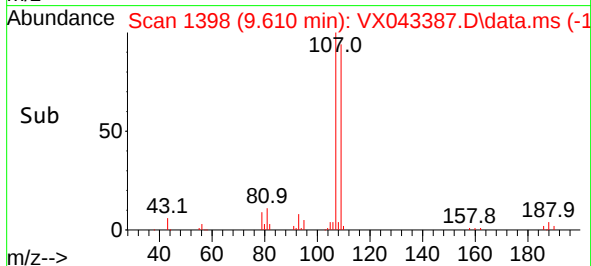
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



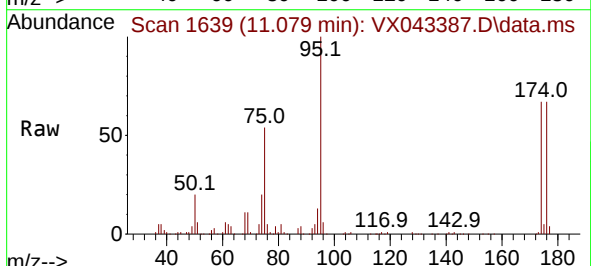
Tgt Ion:107 Resp: 62819
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

Manual Integrations
APPROVED

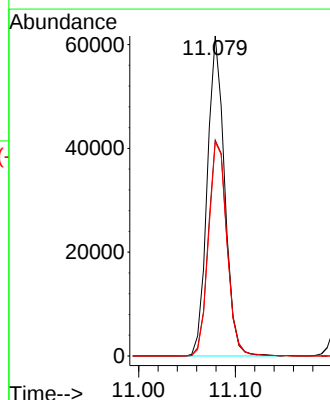
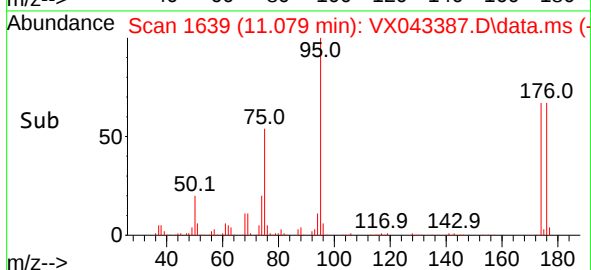
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#62
4-Bromofluorobenzene
Concen: 50.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



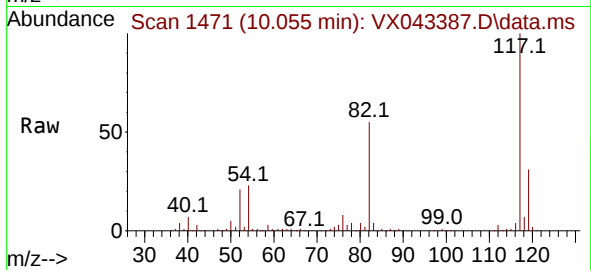
Tgt Ion: 95 Resp: 76625
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 70.6 0.0 143.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

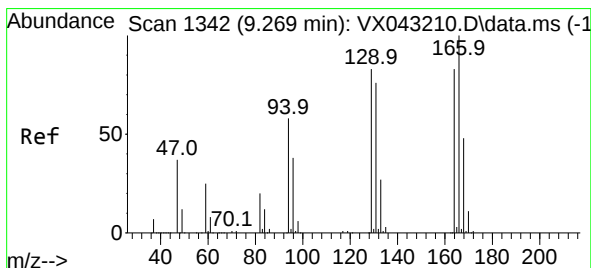
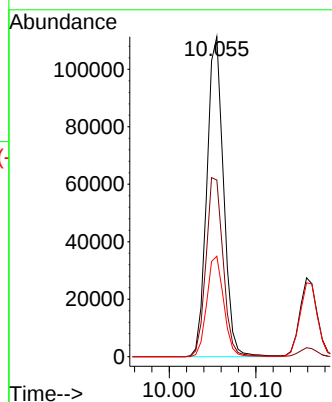
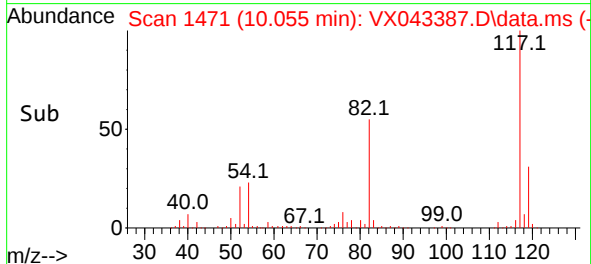
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 14925
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 31.4 25.3 37.9

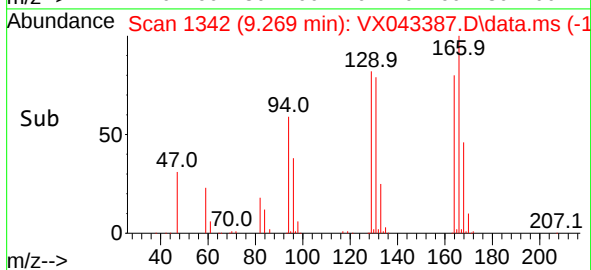
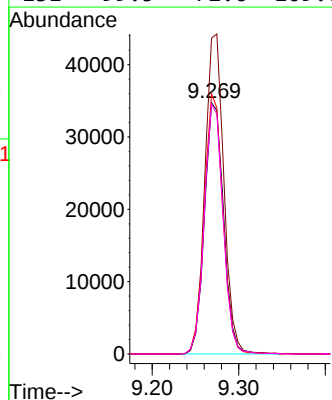
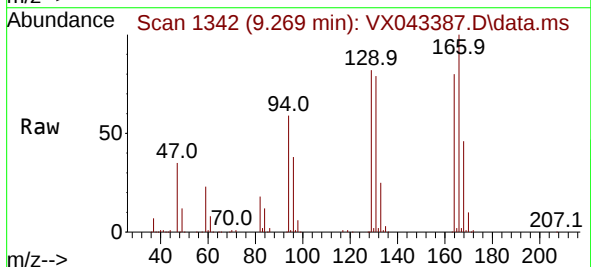
Manual Integrations
APPROVED

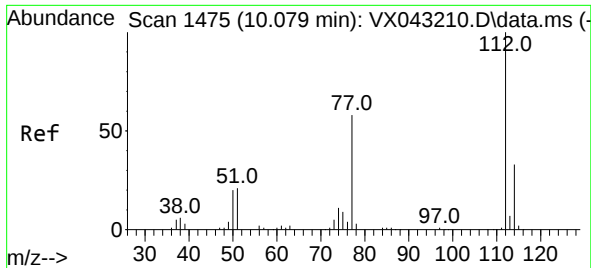
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#64
Tetrachloroethene
Concen: 51.181 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion:164 Resp: 53005
Ion Ratio Lower Upper
164 100
166 125.7 96.0 144.0
129 103.5 79.4 119.0
131 99.5 72.6 109.0





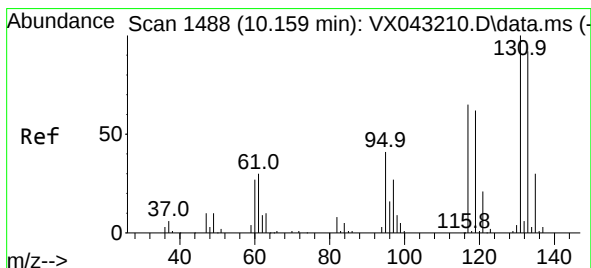
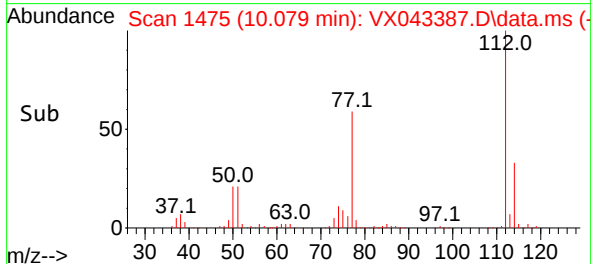
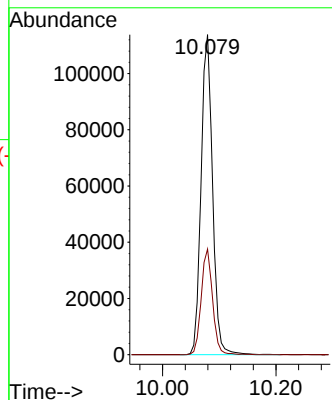
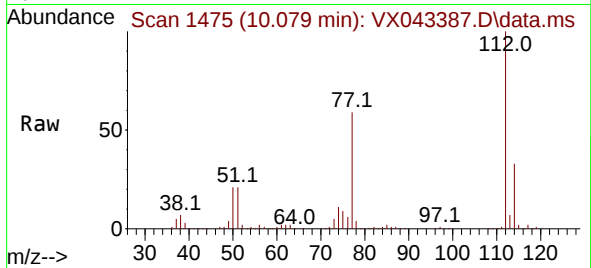
#65
Chlorobenzene
Concen: 49.703 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 15948
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

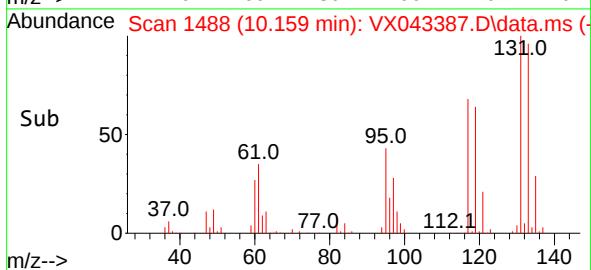
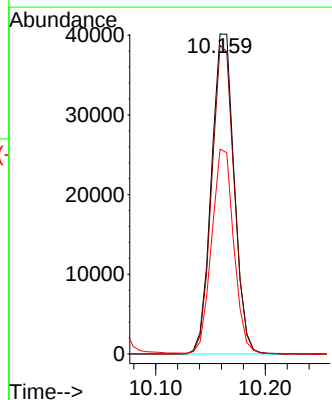
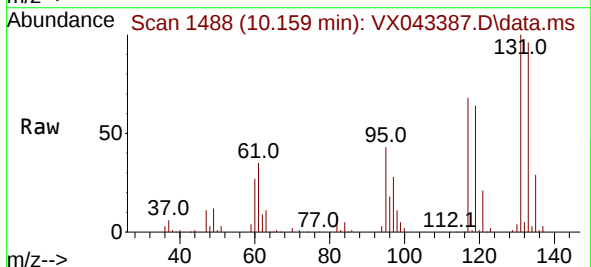
Manual Integrations
APPROVED

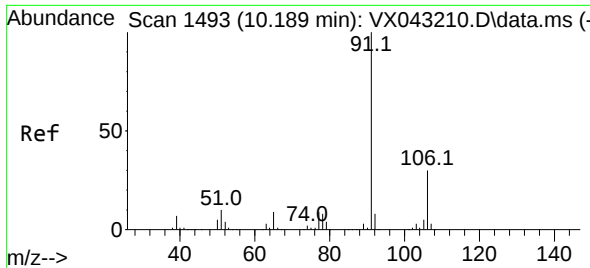
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.020 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

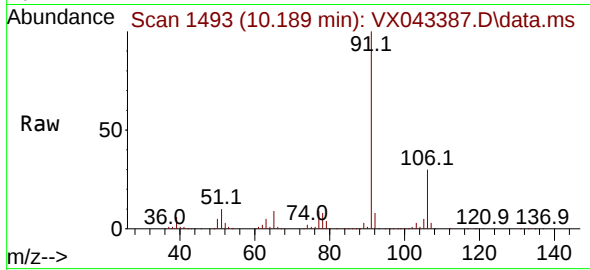
Tgt Ion:131 Resp: 57889
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.8
119 62.6 31.7 95.1





#67
Ethyl Benzene
Concen: 50.934 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

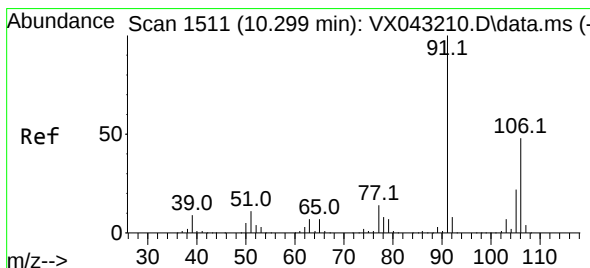
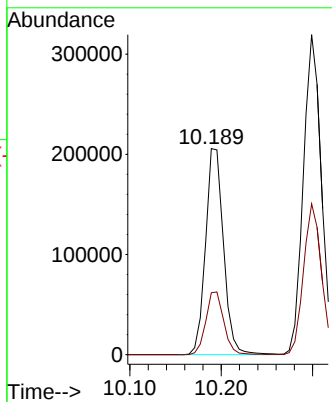
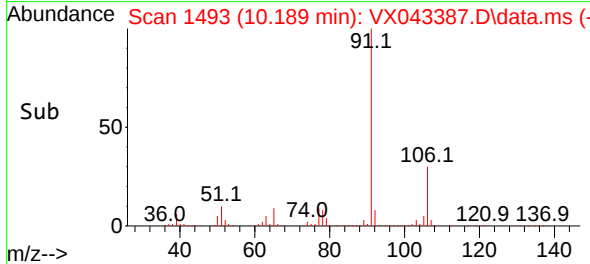
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



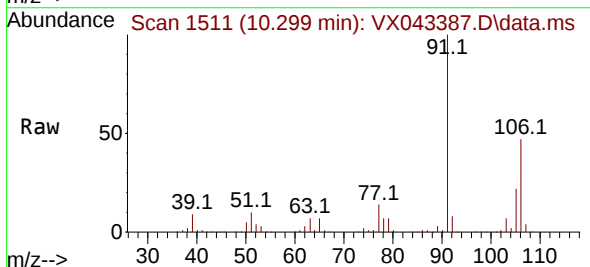
Tgt Ion: 91 Resp: 282494
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

Manual Integrations
APPROVED

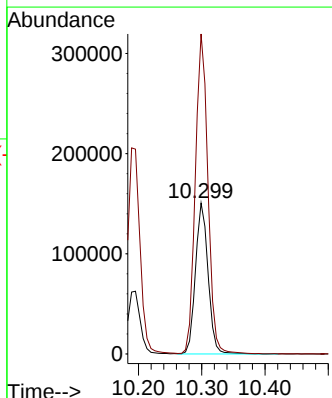
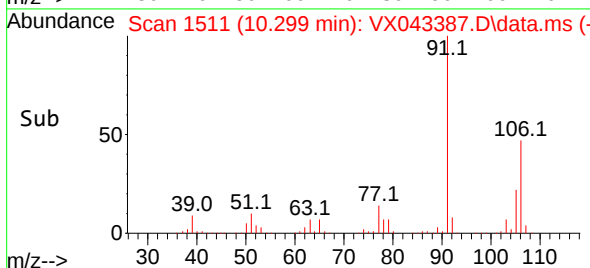
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#68
m/p-Xylenes
Concen: 99.589 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion:106 Resp: 208738
Ion Ratio Lower Upper
106 100
91 212.1 167.0 250.6





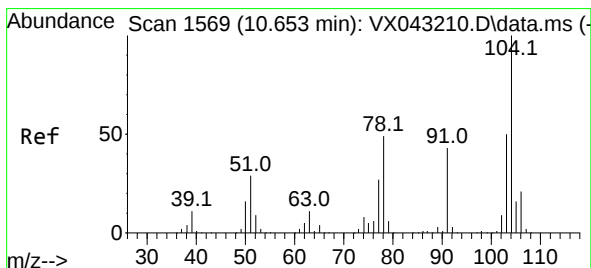
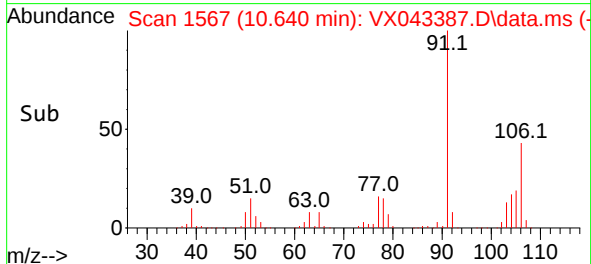
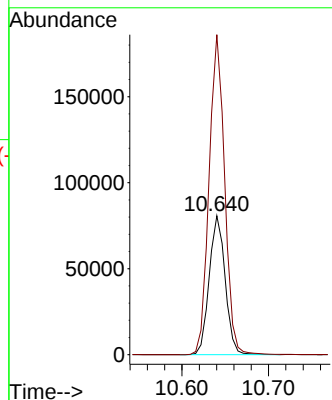
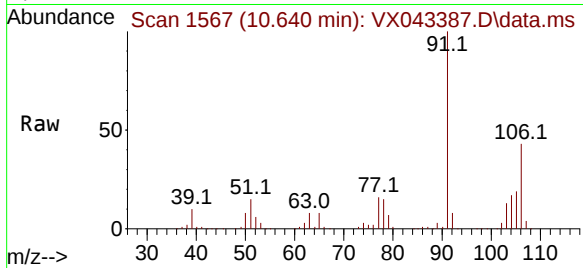
#69
o-Xylene
Concen: 49.597 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 103300
Ion Ratio Lower Upper
106 100
91 225.4 111.6 334.8

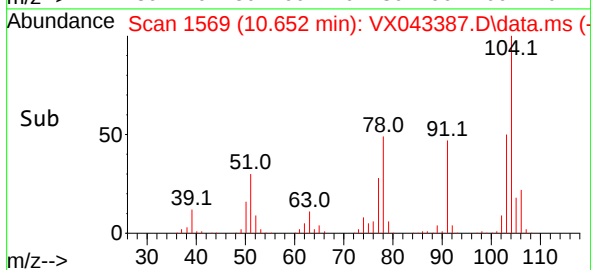
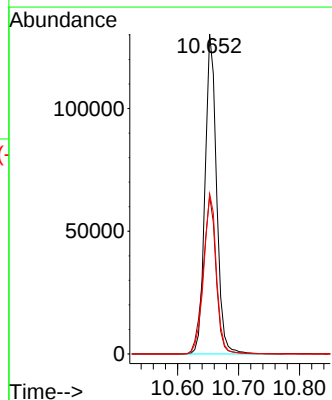
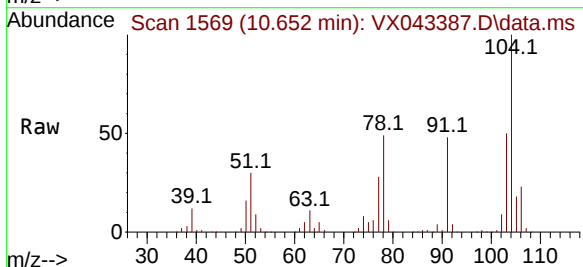
Manual Integrations
APPROVED

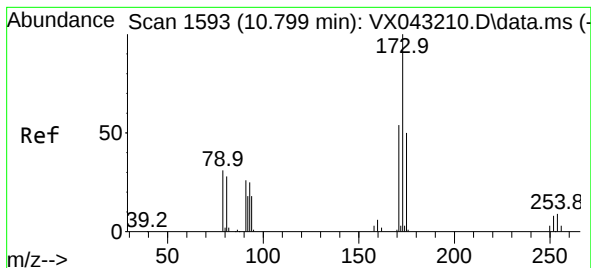
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#70
Styrene
Concen: 51.014 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion:104 Resp: 172193
Ion Ratio Lower Upper
104 100
78 55.1 43.5 65.3
103 55.1 43.9 65.9





#71

Bromoform

Concen: 49.284 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 42830

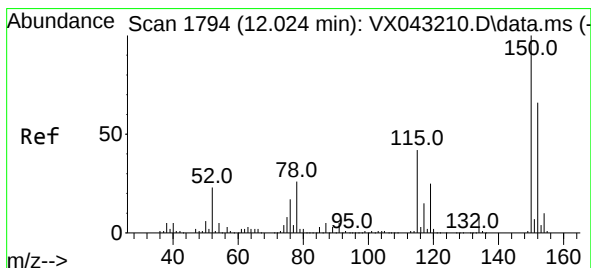
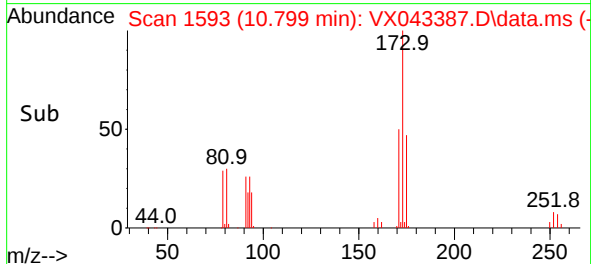
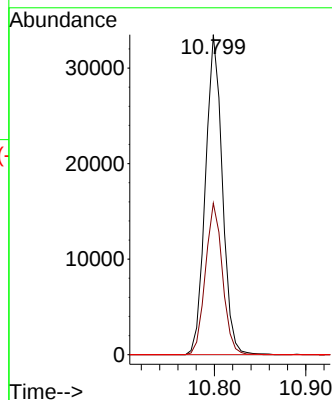
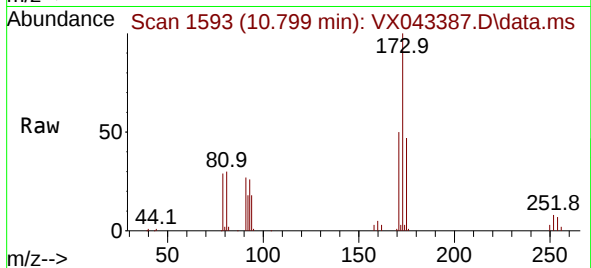
Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.9
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

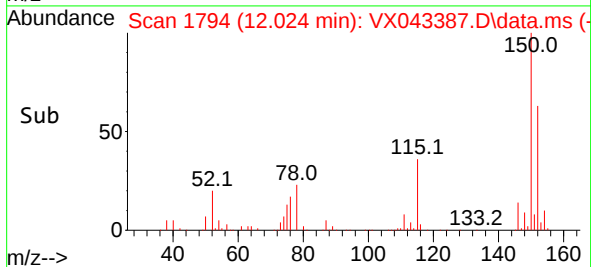
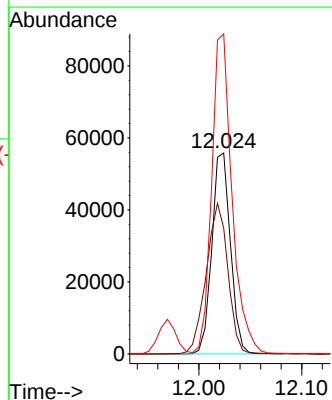
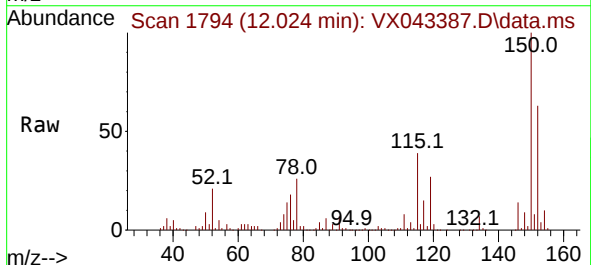
Delta R.T. -0.000 min

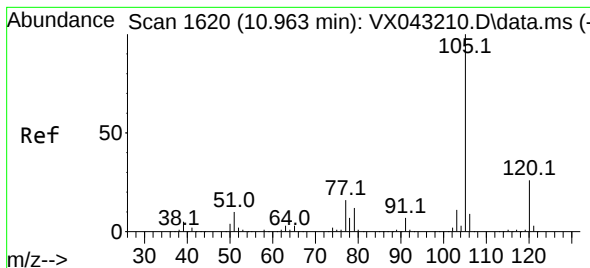
Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion:152 Resp: 69979

Ion	Ratio	Lower	Upper
152	100		
115	87.8	44.1	132.3
150	174.3	0.0	347.4





#73

Isopropylbenzene

Concen: 49.508 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 269354

Ion Ratio Lower Upper

105 100

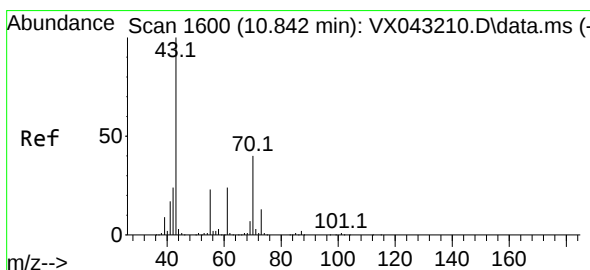
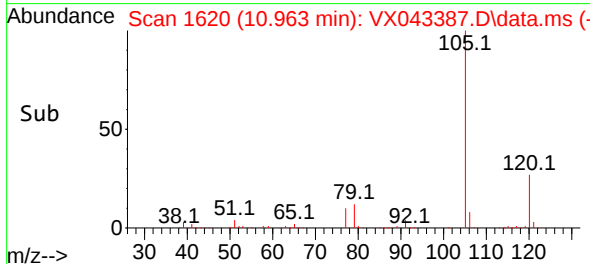
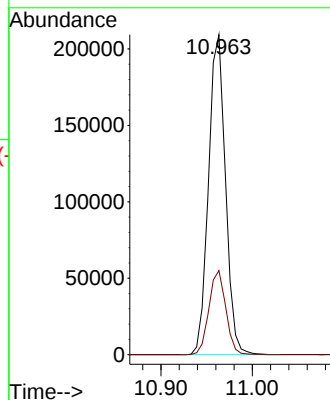
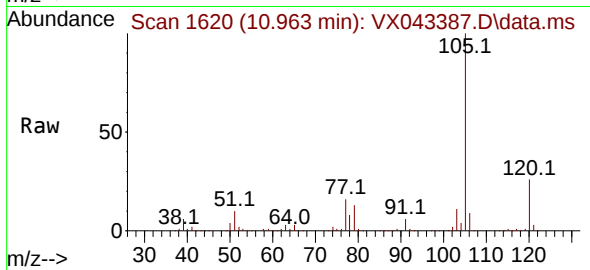
120 26.2 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#74

N-ethyl acetate

Concen: 49.865 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion: 43 Resp: 128788

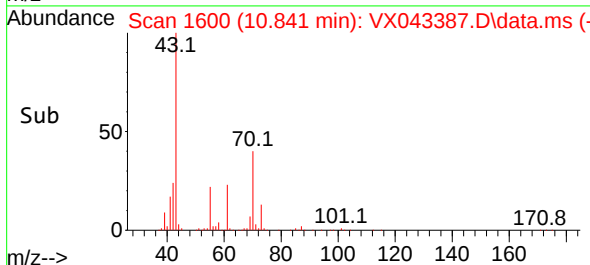
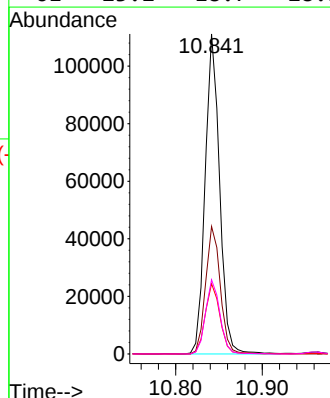
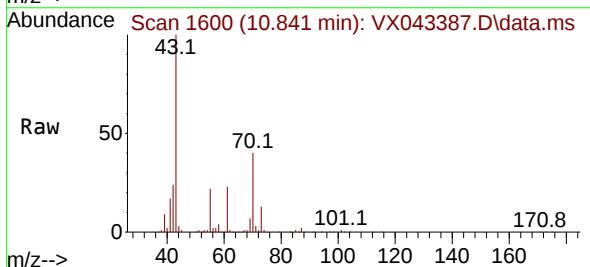
Ion Ratio Lower Upper

43 100

70 40.8 33.1 49.7

55 22.6 18.6 27.8

61 23.2 18.7 28.1





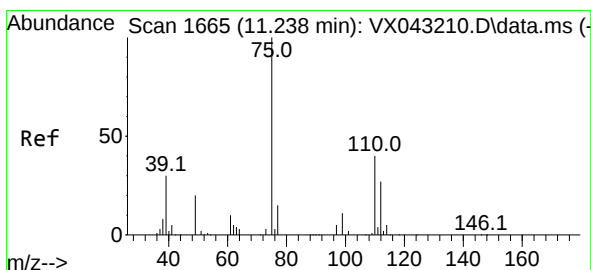
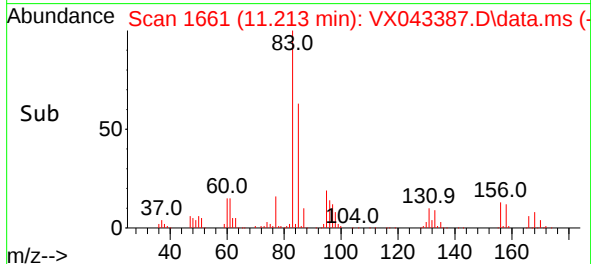
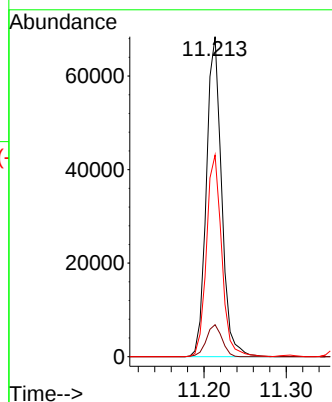
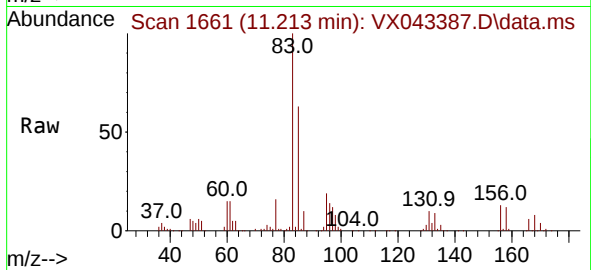
#75
1,1,2,2-Tetrachloroethane
Concen: 49.552 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 87820
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 63.2 31.9 95.5

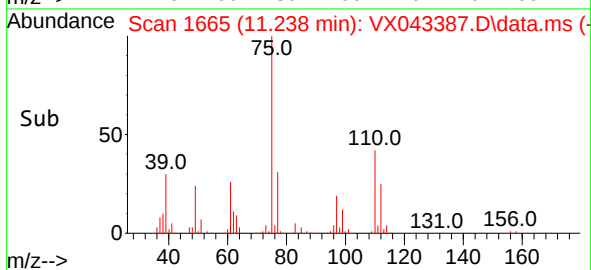
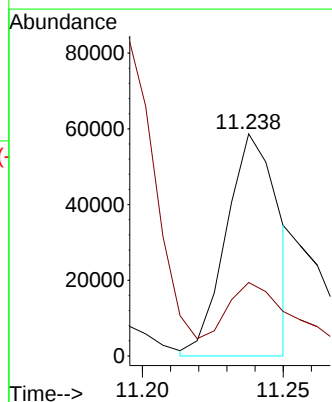
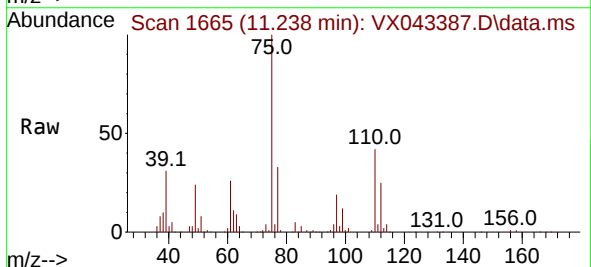
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#76
1,2,3-Trichloropropane
Concen: 48.485 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Tgt Ion: 75 Resp: 75259
Ion Ratio Lower Upper
75 100
77 45.2 22.0 66.0





#77

Bromobenzene

Concen: 48.685 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

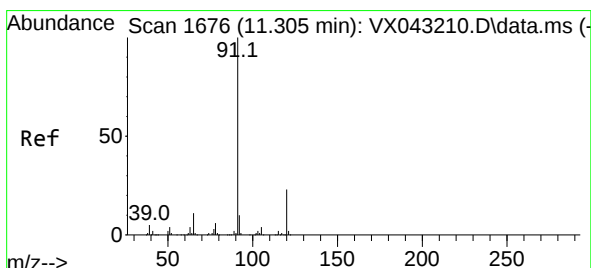
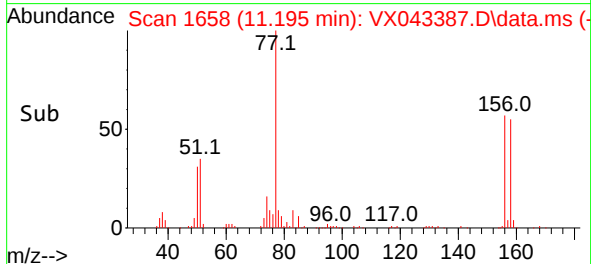
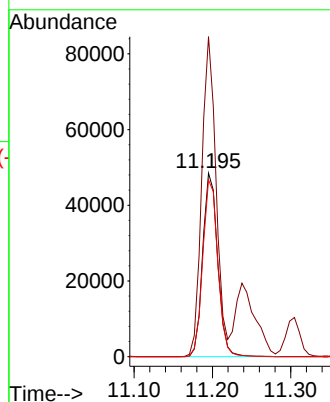
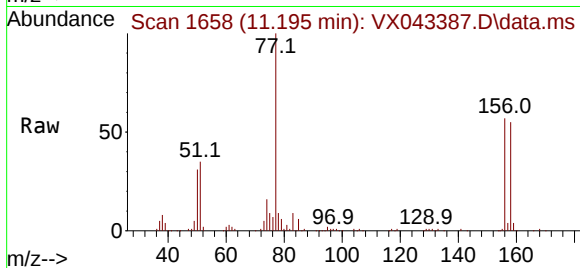
Tgt Ion:	156	Resp:	64460
Ion Ratio	Lower	Upper	
156	100		
77	166.5	82.0	245.8
158	96.6	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#78

n-propylbenzene

Concen: 51.055 ug/l

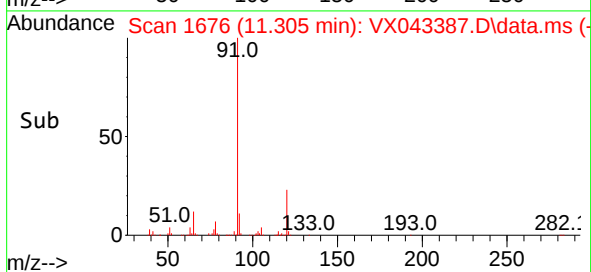
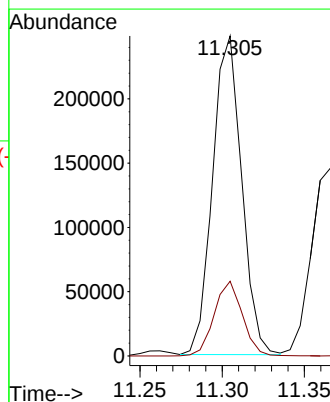
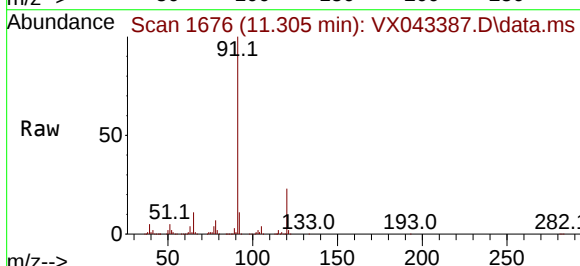
RT: 11.305 min Scan# 1676

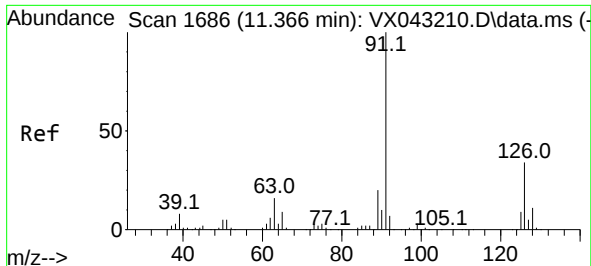
Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Tgt Ion:	91	Resp:	304938
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 48.844 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 18755

Ion Ratio Lower Upper

91 100

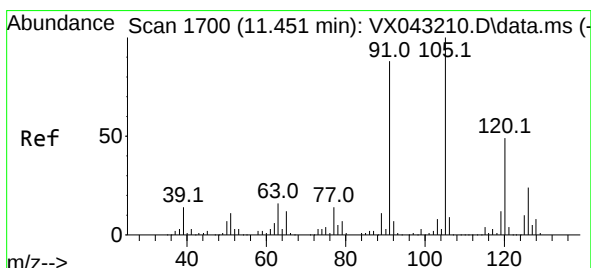
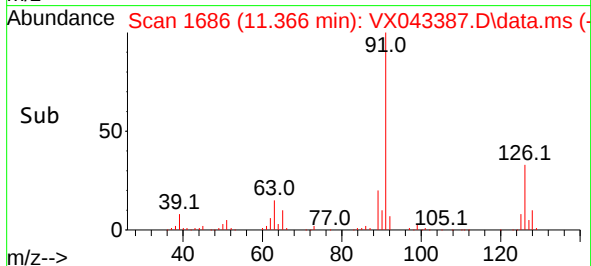
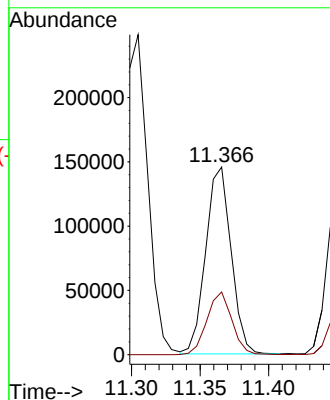
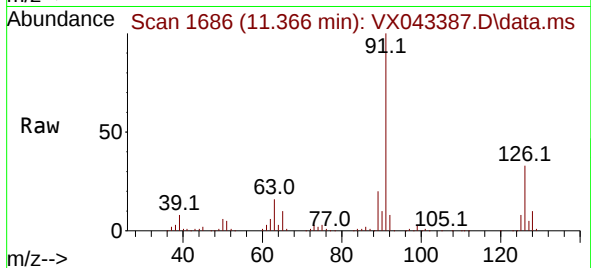
126 33.0 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.206 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043387.D

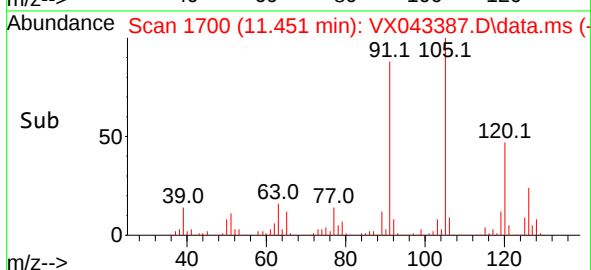
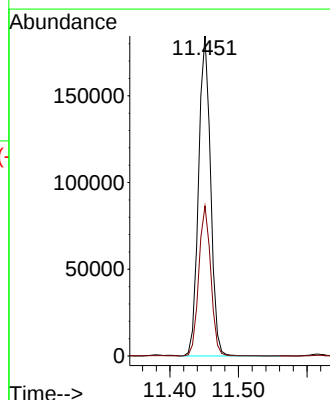
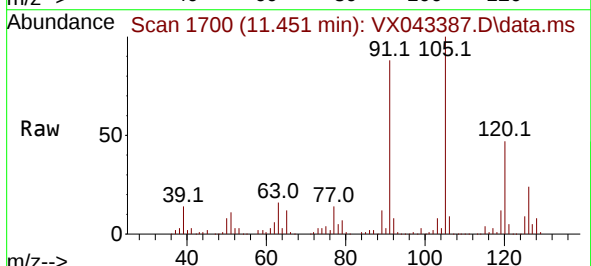
Acq: 14 Oct 2024 17:35

Tgt Ion:105 Resp: 225327

Ion Ratio Lower Upper

105 100

120 46.9 23.9 71.8





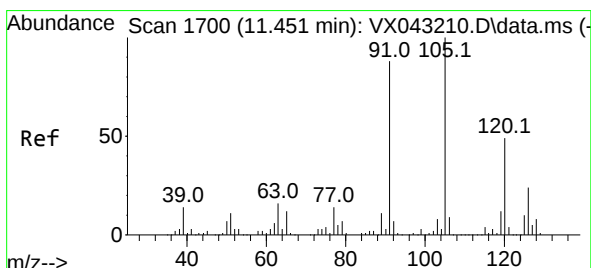
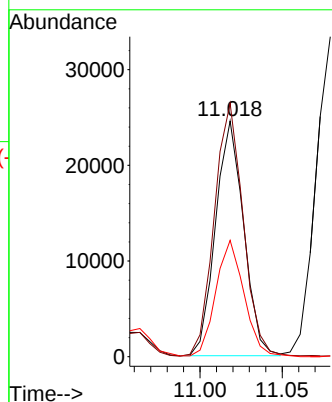
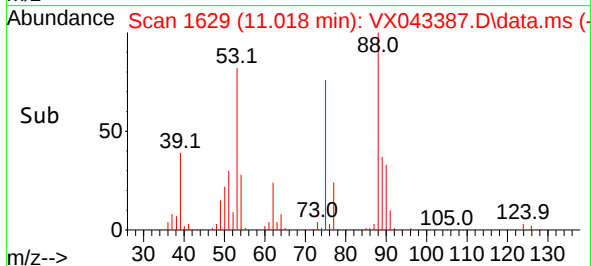
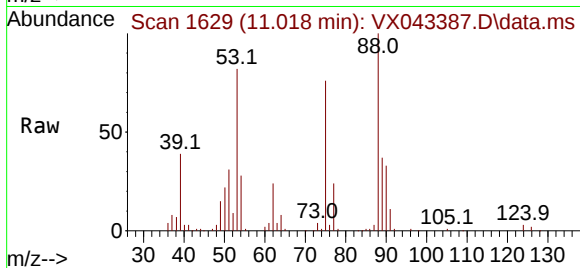
#81
trans-1,4-Dichloro-2-butene
Concen: 48.692 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2916
Ion Ratio Lower Upper
75 100
53 111.9 83.9 125.9
89 49.9 38.6 58.0

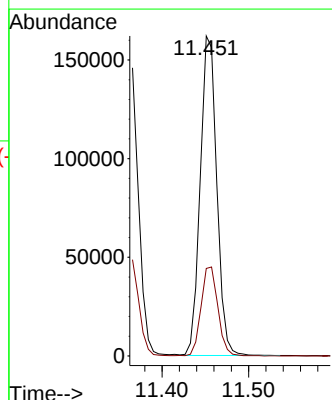
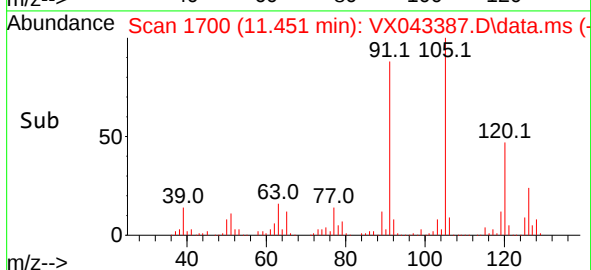
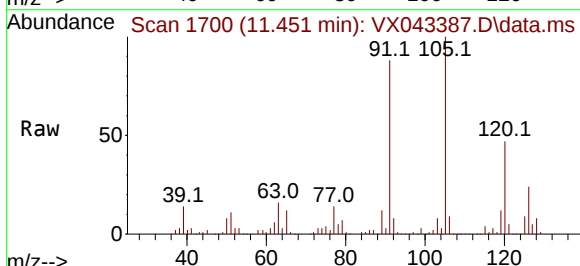
Manual Integrations
APPROVED

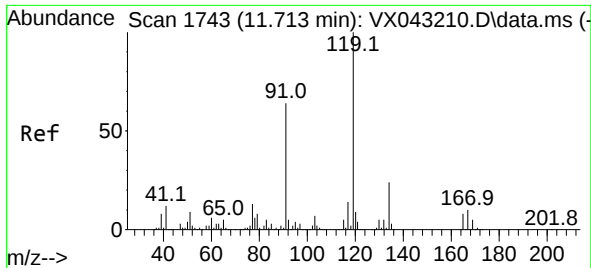
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#82
4-Chlorotoluene
Concen: 49.096 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

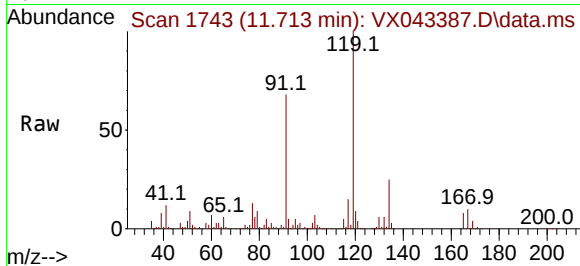
Tgt Ion: 91 Resp: 214758
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.3





#83
tert-Butylbenzene
Concen: 48.881 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

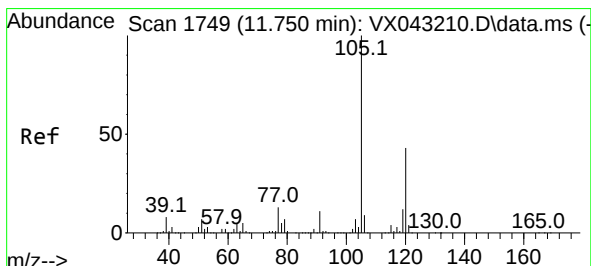
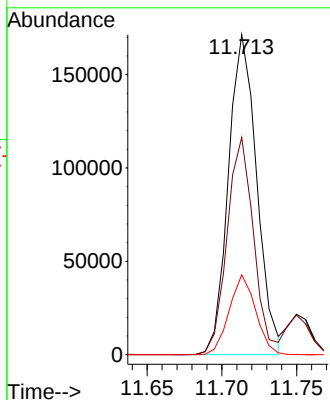
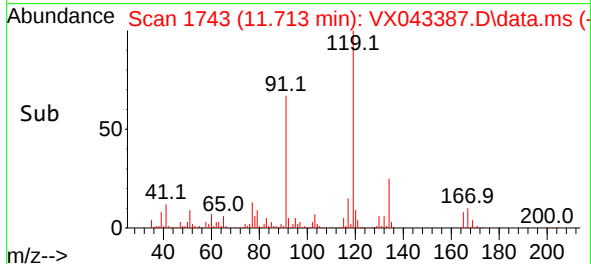
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



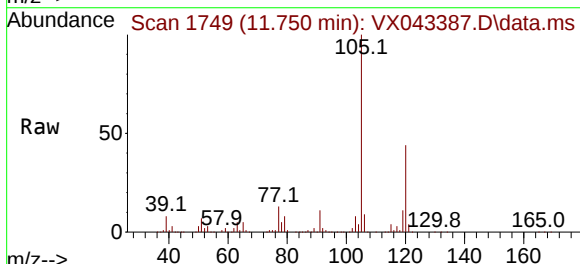
Tgt Ion:119 Resp: 226014
Ion Ratio Lower Upper
119 100
91 63.8 31.0 93.0
134 23.3 11.5 34.4

Manual Integrations
APPROVED

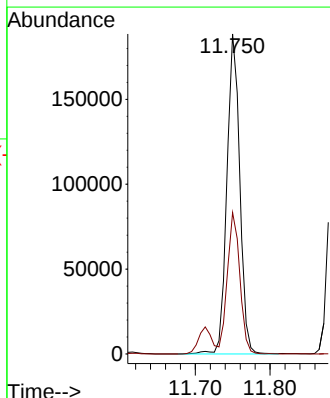
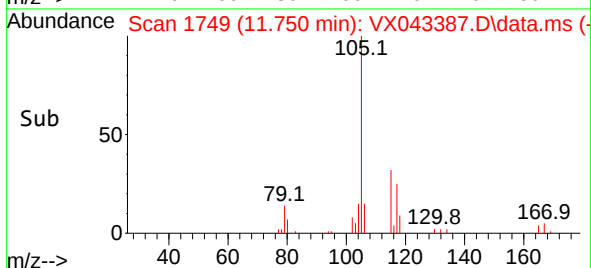
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

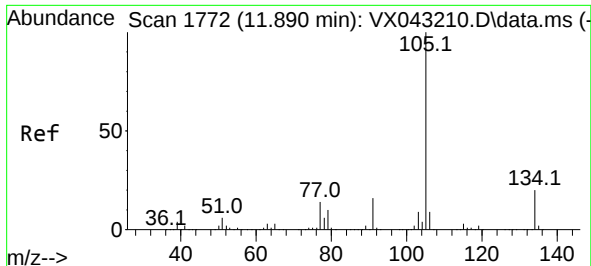


#84
1,2,4-Trimethylbenzene
Concen: 49.895 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion:105 Resp: 225312
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.848 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043387.D
 Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

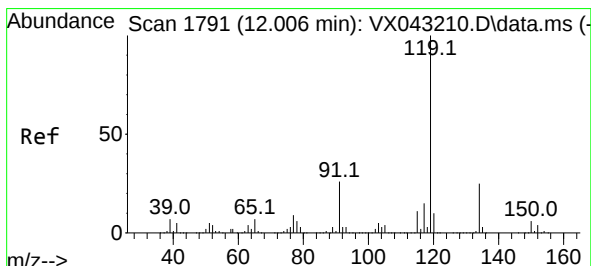
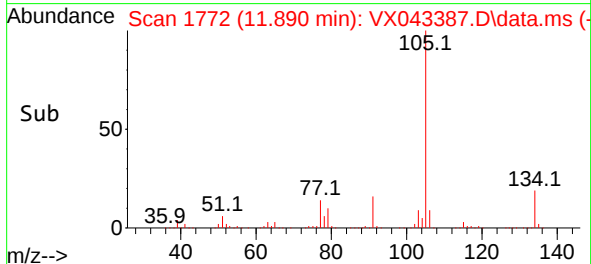
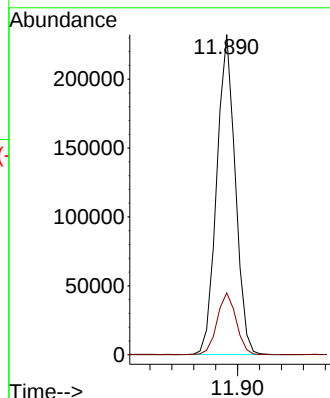
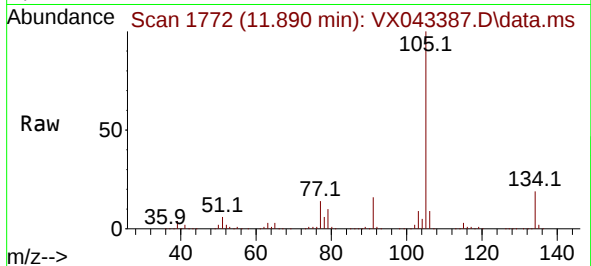
VSTDCCC050EC

Tgt Ion:105 Resp: 27323
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

Manual Integrations

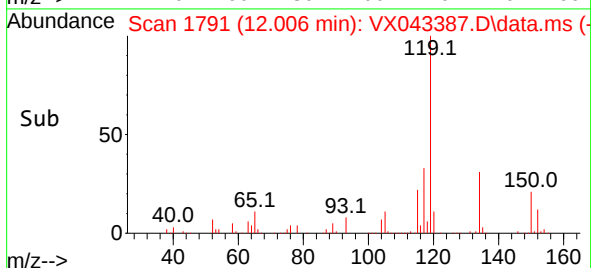
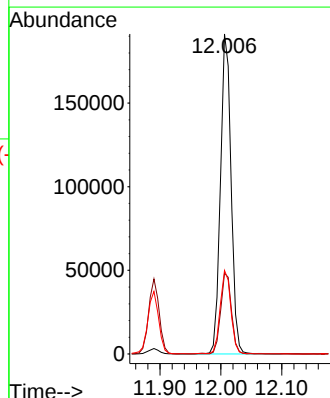
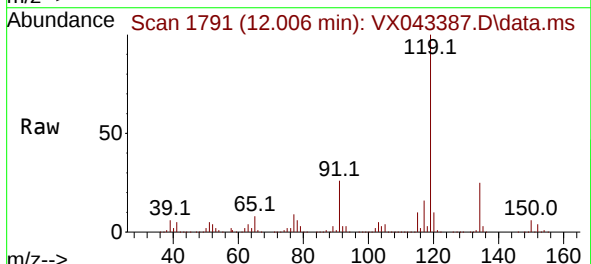
APPROVED

Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#86
 p-Isopropyltoluene
 Concen: 50.445 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043387.D
 Acq: 14 Oct 2024 17:35

Tgt Ion:119 Resp: 230687
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 49.593 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 115669

Ion Ratio Lower Upper

146 100

111 42.4 21.8 65.3

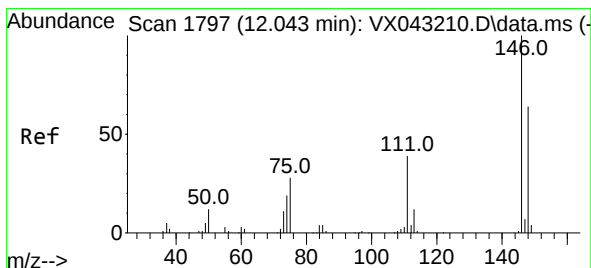
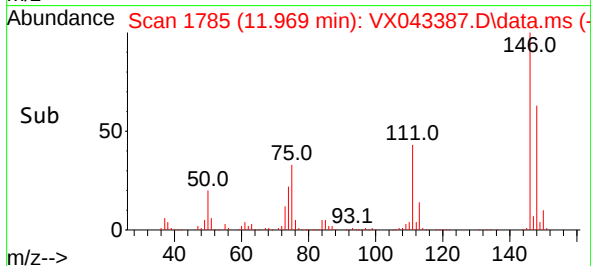
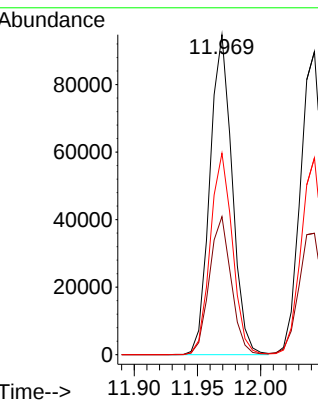
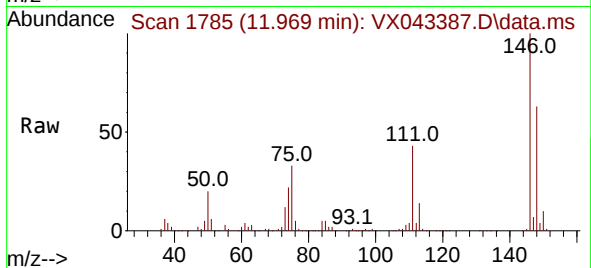
148 62.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#88

1,4-Dichlorobenzene

Concen: 47.721 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

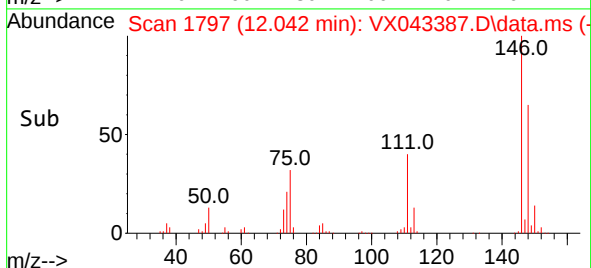
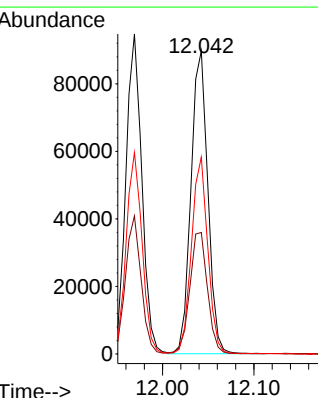
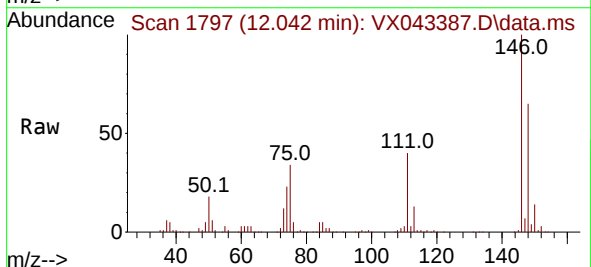
Tgt Ion:146 Resp: 114750

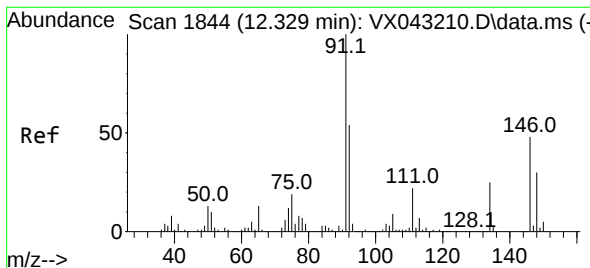
Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

148 62.9 32.4 97.0





#89

n-Butylbenzene

Concen: 51.636 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 19769

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

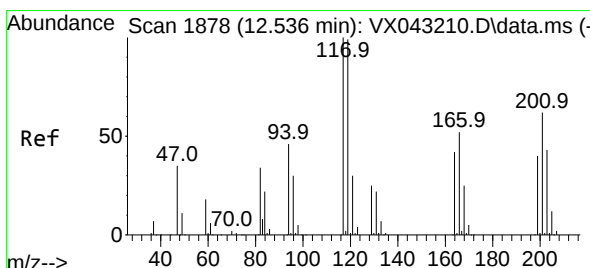
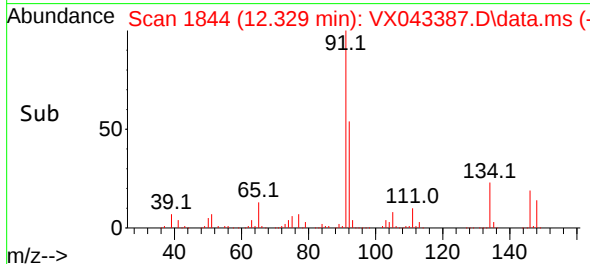
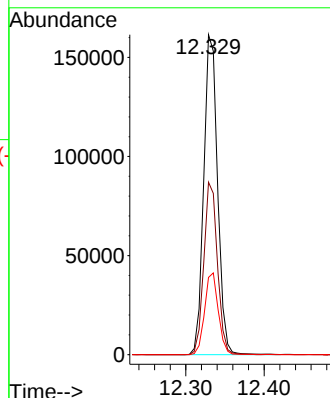
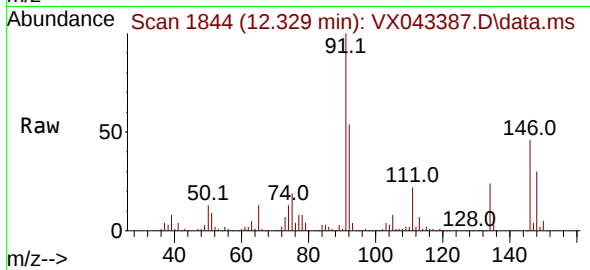
134 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#90

Hexachloroethane

Concen: 48.022 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX043387.D

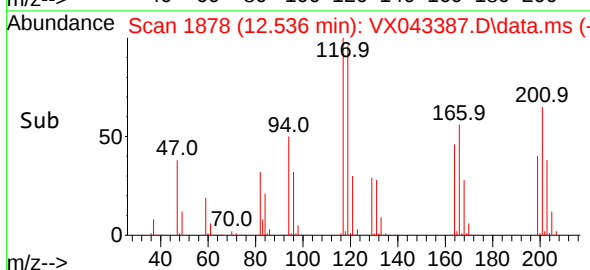
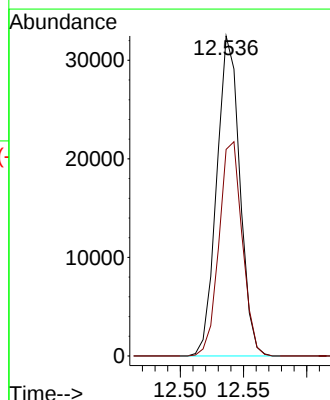
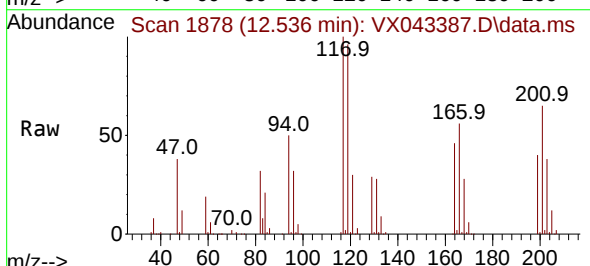
Acq: 14 Oct 2024 17:35

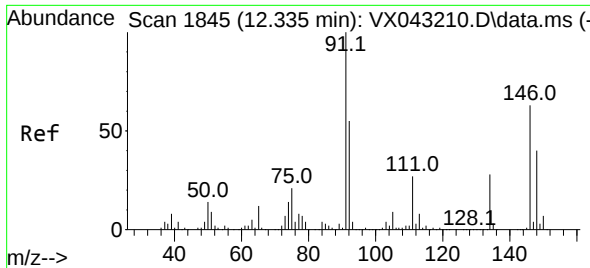
Tgt Ion:117 Resp: 41186

Ion Ratio Lower Upper

117 100

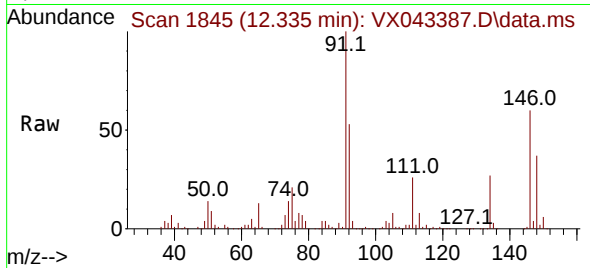
201 67.4 34.0 101.8





#91
1,2-Dichlorobenzene
Concen: 48.087 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

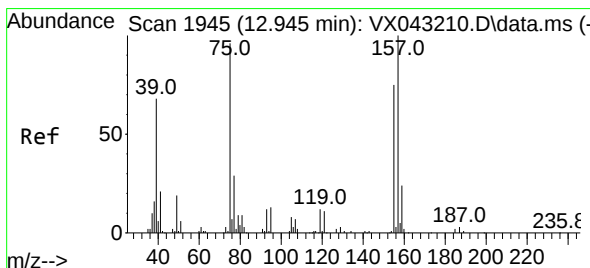
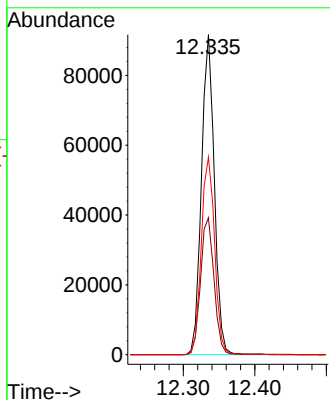
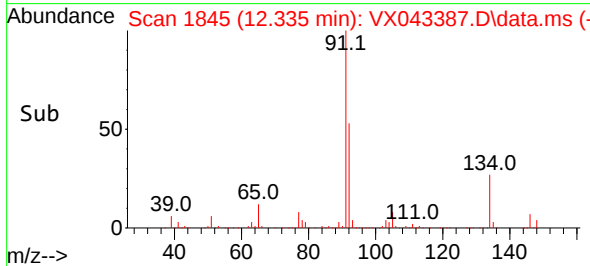
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



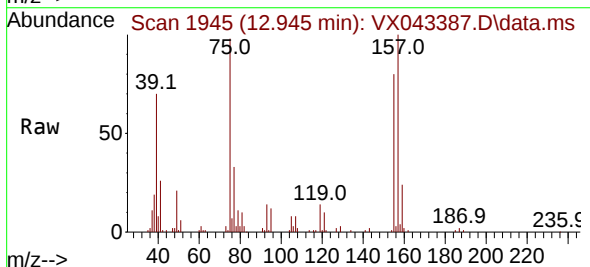
Tgt Ion:146 Resp: 114698
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 64.0 31.9 95.5

Manual Integrations
APPROVED

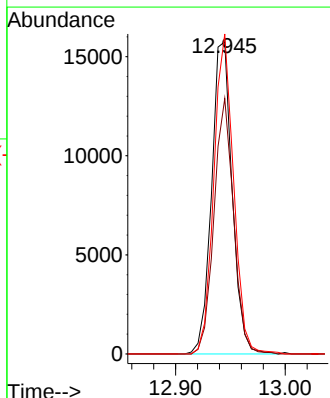
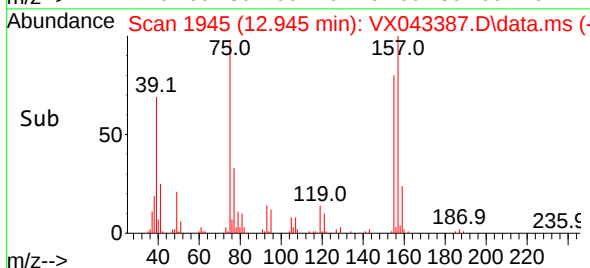
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

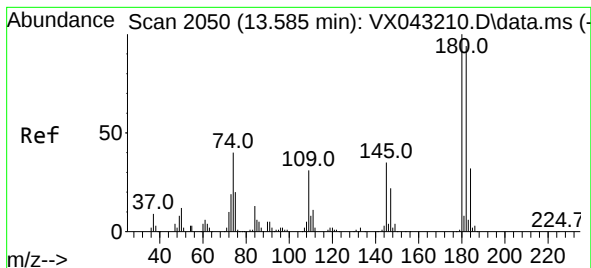


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.530 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion: 75 Resp: 20568
Ion Ratio Lower Upper
75 100
155 77.9 38.8 116.4
157 98.4 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 50.116 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

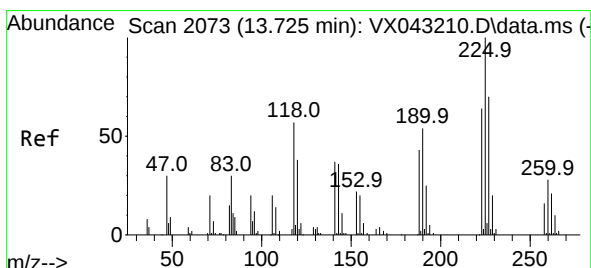
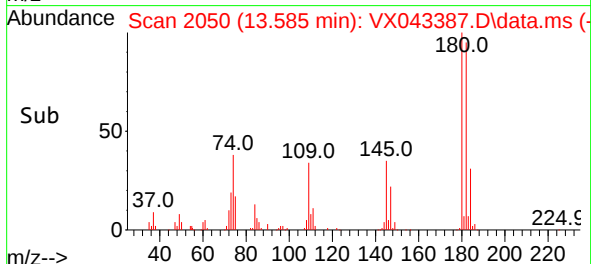
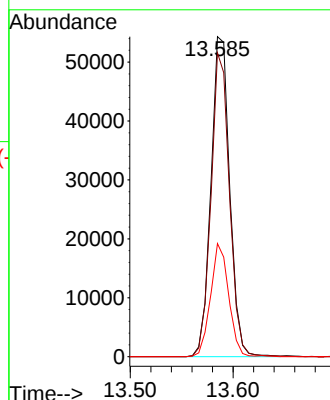
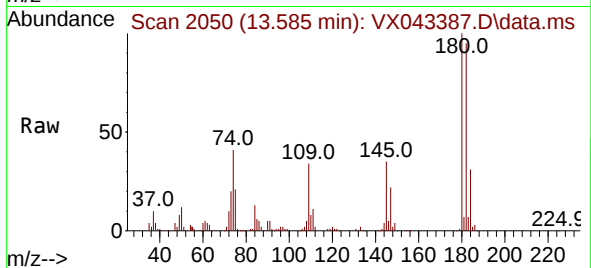
Tgt Ion:180	Resp:	68914
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.1 141.3
145	34.2	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#94

Hexachlorobutadiene

Concen: 51.763 ug/l

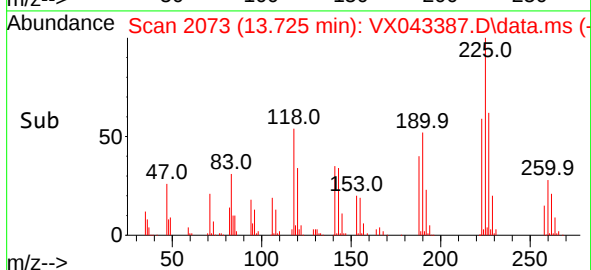
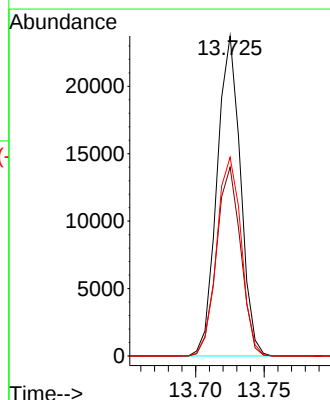
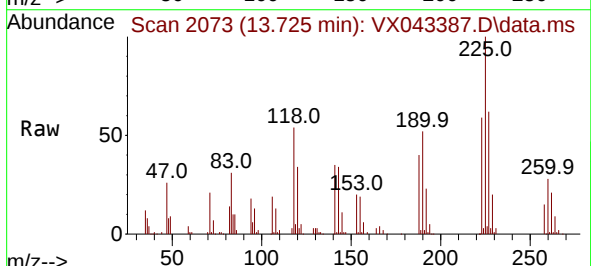
RT: 13.725 min Scan# 2073

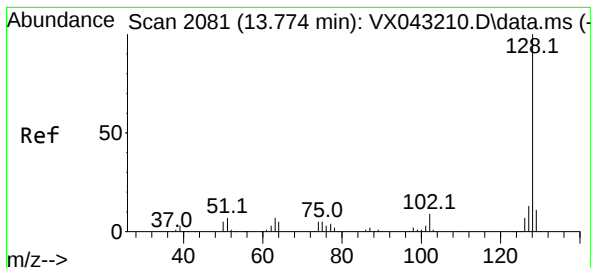
Delta R.T. -0.000 min

Lab File: VX043387.D

Acq: 14 Oct 2024 17:35

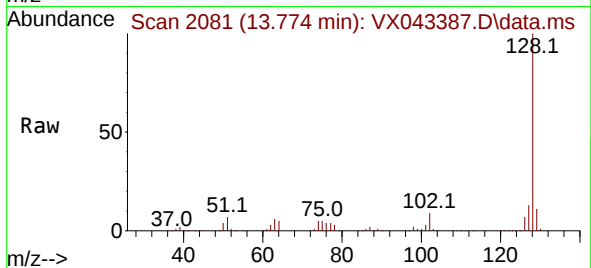
Tgt Ion:225	Resp:	28217
Ion Ratio	Lower	Upper
225	100	
223	60.8	30.8 92.4
227	64.9	32.2 96.6





#95
Naphthalene
Concen: 49.786 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35

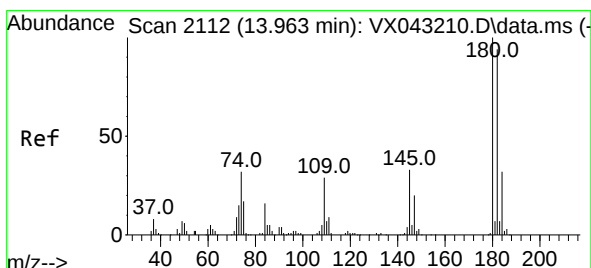
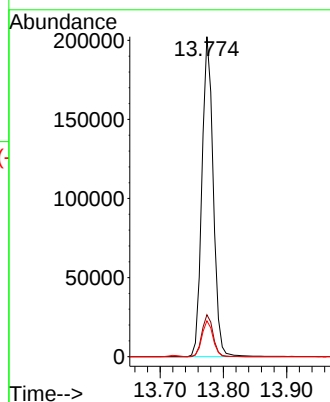
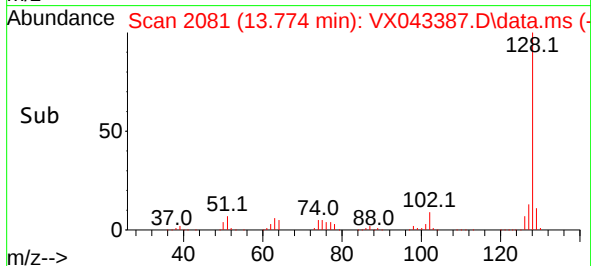
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



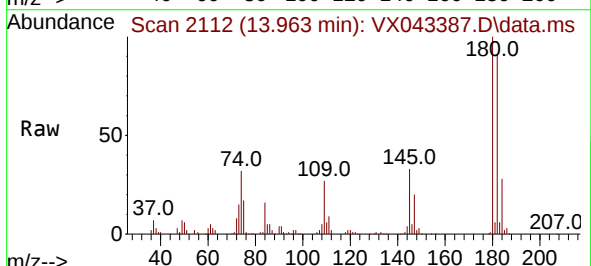
Tgt Ion:128 Resp: 251674
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.393 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX043387.D
Acq: 14 Oct 2024 17:35



Tgt Ion:180 Resp: 71496
Ion Ratio Lower Upper
180 100
182 94.0 46.5 139.3
145 34.9 17.2 51.6

