

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043354.D
 Acq On : 10 Oct 2024 16:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:46:01 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	5.544	168	96637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	164635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79631	50.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	5.379	113	60845	53.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.180%			
50) Toluene-d8	8.647	98	205300	52.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	77807	54.432	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61115	54.369	ug/l	95
3) Chloromethane	1.294	50	61284	52.937	ug/l	99
4) Vinyl Chloride	1.374	62	62231	53.666	ug/l	98
5) Bromomethane	1.599	94	25588	54.011	ug/l	99
6) Chloroethane	1.666	64	34349	79.544	ug/l	97
7) Trichlorofluoromethane	1.874	101	101637	58.662	ug/l	97
8) Diethyl Ether	2.136	74	33976	50.391	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	58753	54.340	ug/l	99
10) Methyl Iodide	2.447	142	71968	52.995	ug/l	99
11) Tert butyl alcohol	2.983	59	60861	202.648	ug/l	98
12) 1,1-Dichloroethene	2.313	96	54248	50.525	ug/l	99
13) Acrolein	2.239	56	49214	173.496	ug/l	100
14) Allyl chloride	2.660	41	91862	52.078	ug/l	98
15) Acrylonitrile	3.062	53	115967	189.101	ug/l	98
16) Acetone	2.386	43	137417	208.498	ug/l	100
17) Carbon Disulfide	2.508	76	132205	50.624	ug/l	97
18) Methyl Acetate	2.703	43	57342	34.682	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	191970	49.976	ug/l	100
20) Methylene Chloride	2.788	84	62142	51.137	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	56196	52.590	ug/l	95
22) Diisopropyl ether	3.757	45	188217	53.050	ug/l	94
23) Vinyl Acetate	3.715	43	773654	192.721	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109022	52.746	ug/l	100
25) 2-Butanone	4.556	43	174450	193.042	ug/l	100
26) 2,2-Dichloropropane	4.465	77	105507	53.650	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68965	51.750	ug/l	99
28) Bromochloromethane	4.891	49	36696	45.001	ug/l	99
29) Tetrahydrofuran	5.001	42	104314	181.198	ug/l	99
30) Chloroform	5.080	83	117060	51.572	ug/l	99
31) Cyclohexane	5.458	56	91142	53.520	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	109043	52.302	ug/l	100
36) 1,1-Dichloropropene	5.684	75	77256	53.861	ug/l	100
37) Ethyl Acetate	4.708	43	70080	40.685	ug/l	99
38) Carbon Tetrachloride	5.672	117	91324	53.783	ug/l	98
39) Methylcyclohexane	7.373	83	101777	56.417	ug/l	97
40) Benzene	6.031	78	231545	53.243	ug/l	100

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 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)
41) Methacrylonitrile	4.916	41	38685	43.144	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94706	53.442	ug/l	100
43) Isopropyl Acetate	6.336	43	126324	44.401	ug/l	100
44) Trichloroethene	7.117	130	60726	52.647	ug/l	91
45) 1,2-Dichloropropane	7.421	63	57512	53.889	ug/l	100
46) Dibromomethane	7.574	93	44142	51.616	ug/l	99
47) Bromodichloromethane	7.818	83	90176	53.634	ug/l	98
48) Methyl methacrylate	7.690	41	62180	44.543	ug/l	99
49) 1,4-Dioxane	7.659	88	20709	763.159	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	347845	201.304	ug/l	99
52) Toluene	8.714	92	147701	54.191	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92252	55.216	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96748	53.991	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54559	50.369	ug/l	98
56) Ethyl methacrylate	9.116	69	87747	49.549	ug/l	100
57) 1,3-Dichloropropane	9.305	76	94927	51.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	217312	272.239	ug/l	100
59) 2-Hexanone	9.427	43	263286	201.488	ug/l	100
60) Dibromochloromethane	9.519	129	64274	51.149	ug/l	98
61) 1,2-Dibromoethane	9.604	107	57175	49.128	ug/l	100
64) Tetrachloroethene	9.269	164	55568	55.970	ug/l	97
65) Chlorobenzene	10.073	112	163352	53.104	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	58240	53.544	ug/l	99
67) Ethyl Benzene	10.189	91	287416	54.057	ug/l	99
68) m/p-Xylenes	10.299	106	213702	106.356	ug/l	98
69) o-Xylene	10.640	106	105343	52.760	ug/l	98
70) Styrene	10.653	104	176385	54.510	ug/l	100
71) Bromoform	10.799	173	38984	46.787	ug/l #	98
73) Isopropylbenzene	10.957	105	274570	51.895	ug/l	100
74) N-amyl acetate	10.842	43	111877	44.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	74335	43.127	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63350m	41.968	ug/l	
77) Bromobenzene	11.195	156	65294	50.711	ug/l	99
78) n-propylbenzene	11.299	91	318745	54.877	ug/l	99
79) 2-Chlorotoluene	11.360	91	191080	51.171	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	230653	52.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22857	39.243	ug/l	94
82) 4-Chlorotoluene	11.451	91	219940	51.704	ug/l	99
83) tert-Butylbenzene	11.713	119	230698	51.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229361	52.229	ug/l	98
85) sec-Butylbenzene	11.890	105	286848	53.814	ug/l	99
86) p-Isopropyltoluene	12.006	119	240237	54.020	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118518	52.253	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	117390	50.201	ug/l	99
89) n-Butylbenzene	12.329	91	210075	56.424	ug/l	99
90) Hexachloroethane	12.536	117	41309	49.529	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	116398	50.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15216	36.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70709	52.877	ug/l	99
94) Hexachlorobutadiene	13.725	225	29168	55.022	ug/l	98
95) Naphthalene	13.774	128	205976	41.900	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	70324	50.970	ug/l	99

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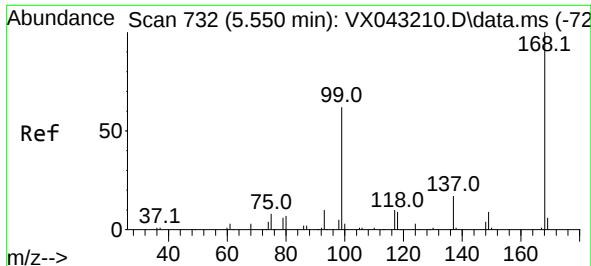
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/14/2024

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

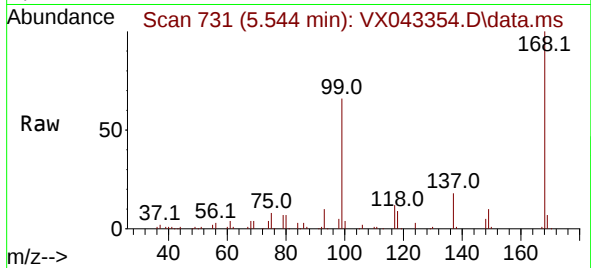
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

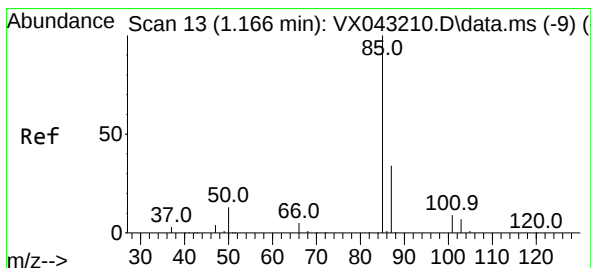
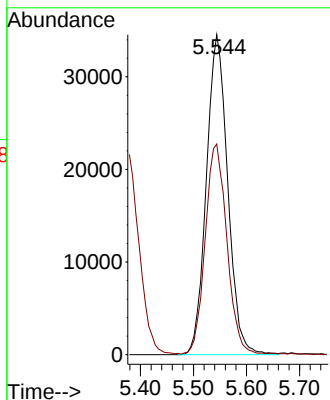
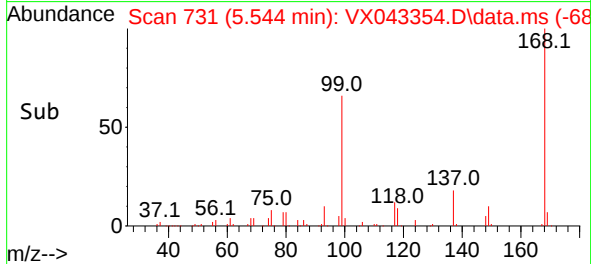
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 9663
Ion Ratio Lower Upper
168 100
99 65.6 49.7 74.5

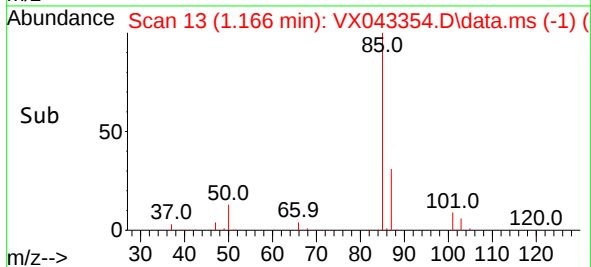
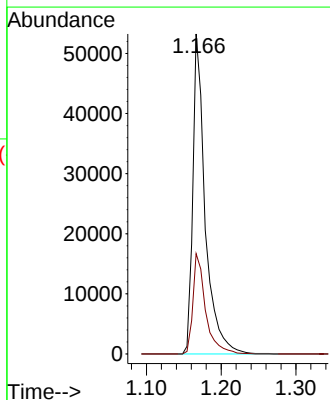
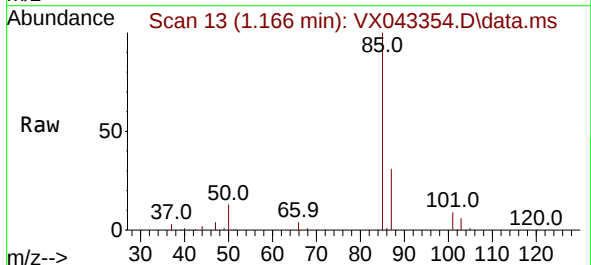
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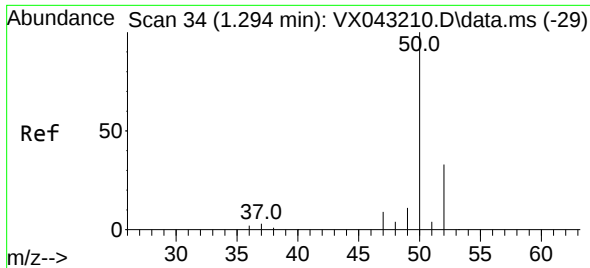
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 54.369 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

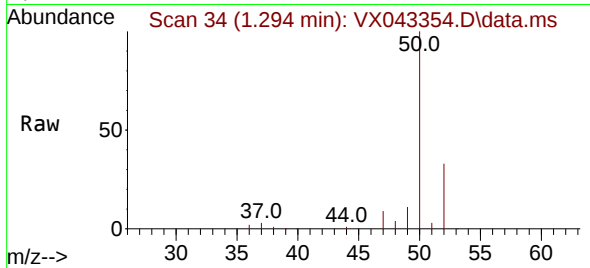
Tgt Ion: 85 Resp: 61115
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.2





#3
Chloromethane
Concen: 52.937 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

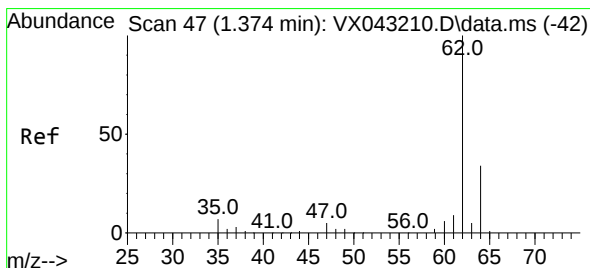
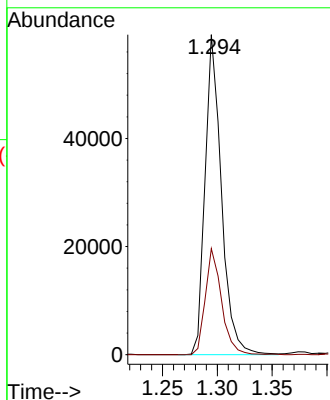
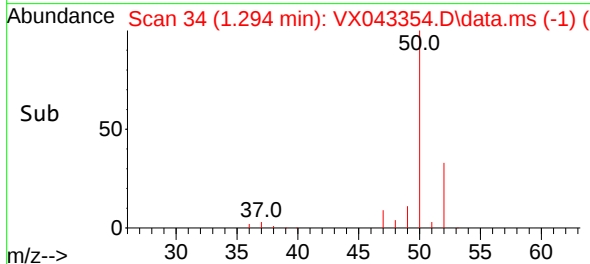
Instrument :
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ClientSampleId :
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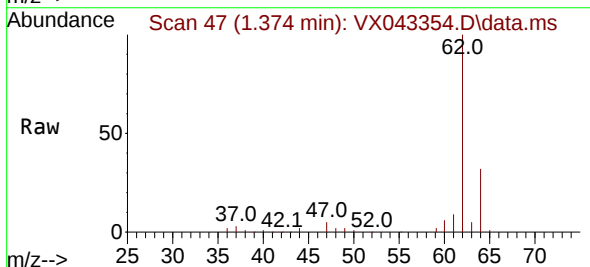
Tgt Ion: 50 Resp: 61284
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1

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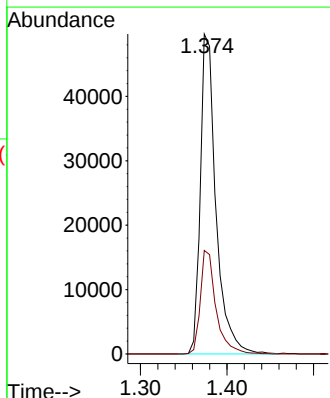
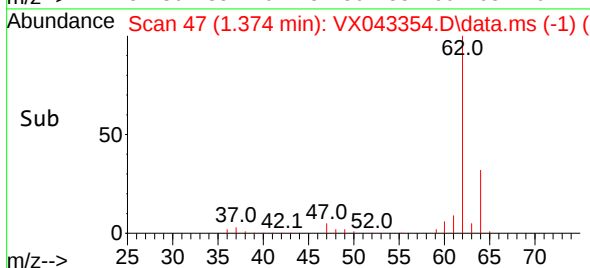
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Vinyl Chloride
Concen: 53.666 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38



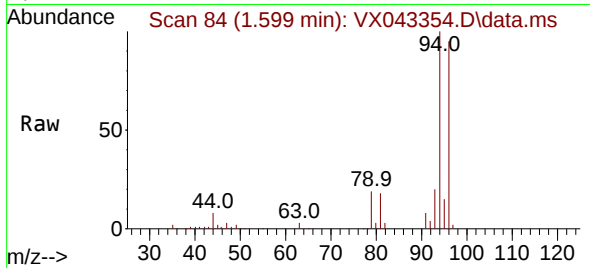
Tgt Ion: 62 Resp: 62231
Ion Ratio Lower Upper
62 100
64 32.4 26.8 40.2





#5
 Bromomethane
 Concen: 54.011 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38

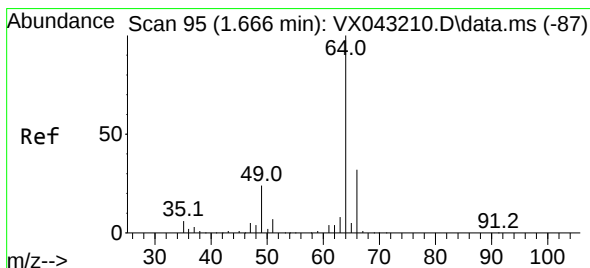
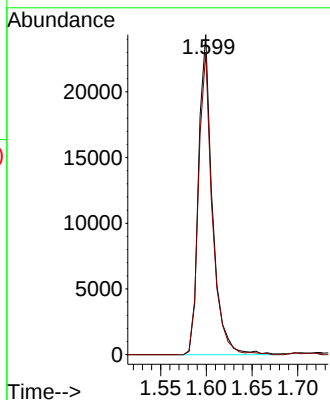
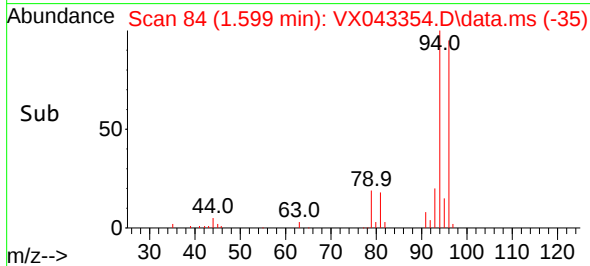
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 94 Resp: 2558
 Ion Ratio Lower Upper
 94 100
 96 94.6 76.6 115.0

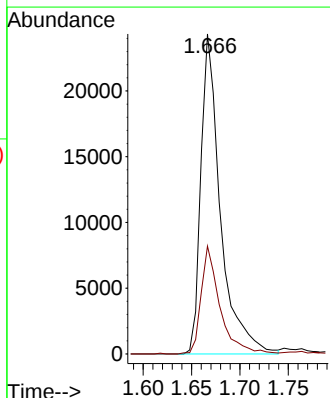
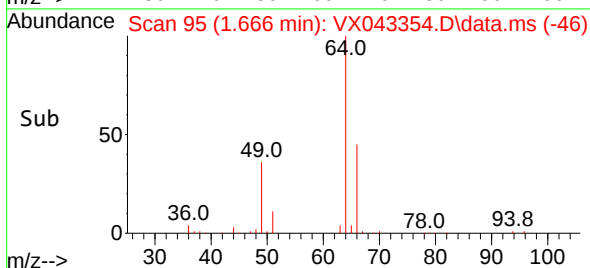
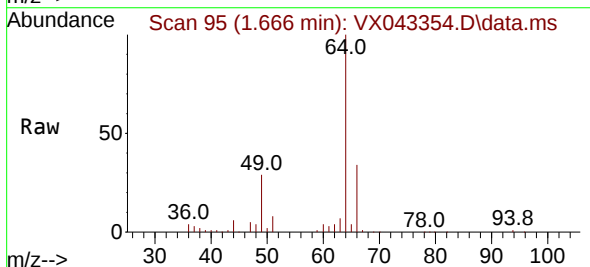
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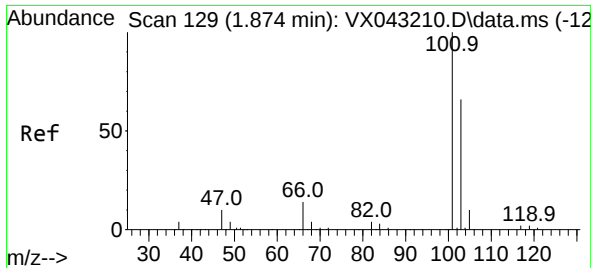
Reviewed By :John Carlone 10/11/2024
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#6
 Chloroethane
 Concen: 79.544 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38

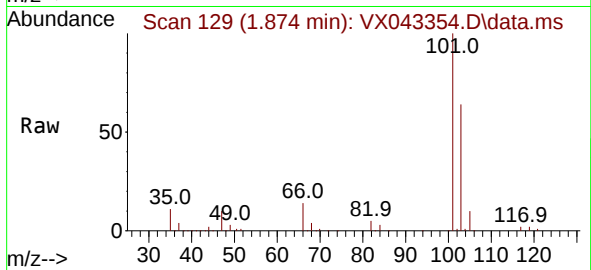
Tgt Ion: 64 Resp: 34349
 Ion Ratio Lower Upper
 64 100
 66 33.7 25.8 38.8





#7
Trichlorofluoromethane
Concen: 58.662 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

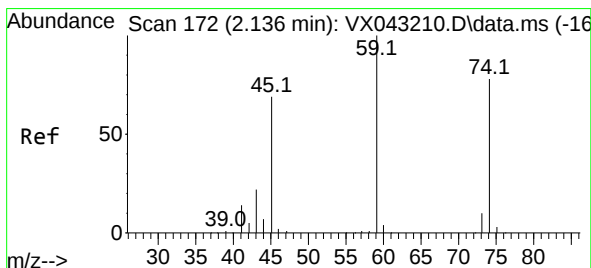
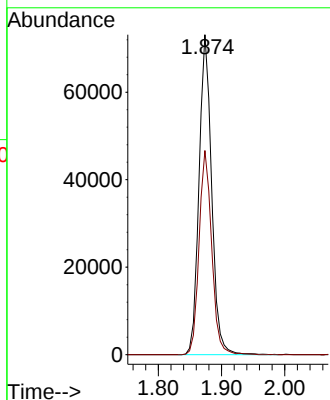
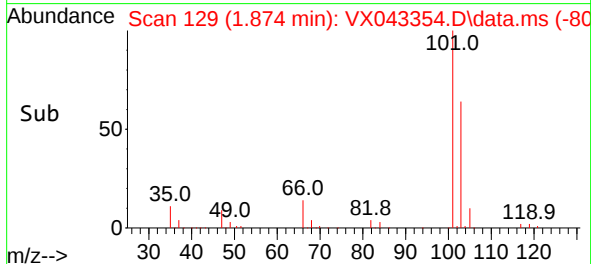
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 10163
Ion Ratio Lower Upper
101 100
103 63.8 52.7 79.1

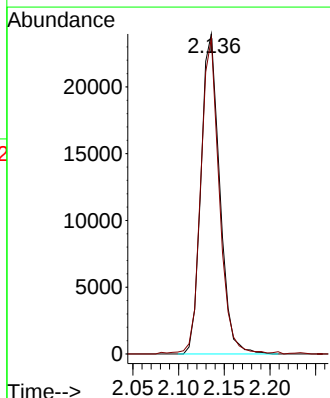
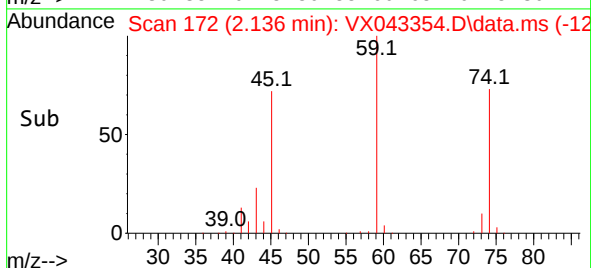
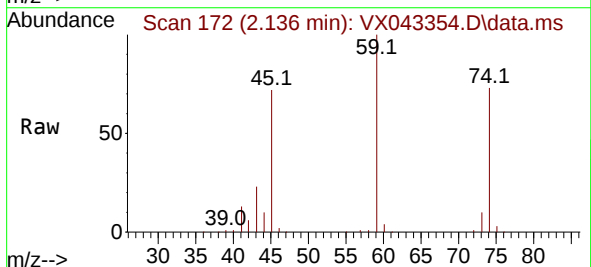
Manual Integrations
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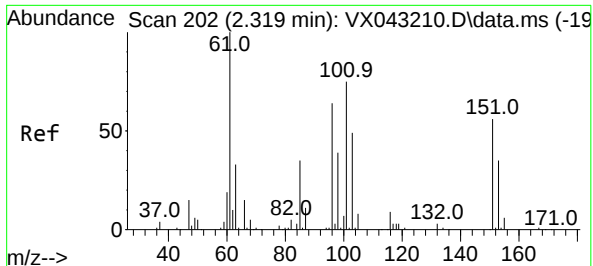
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Diethyl Ether
Concen: 50.391 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 74 Resp: 33976
Ion Ratio Lower Upper
74 100
45 97.9 47.1 141.4





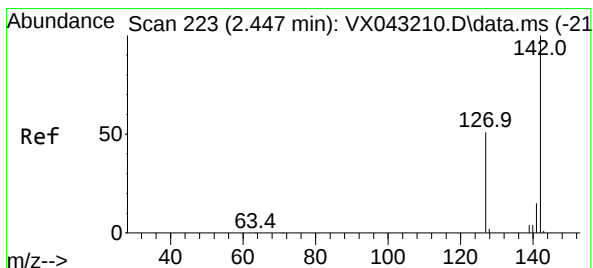
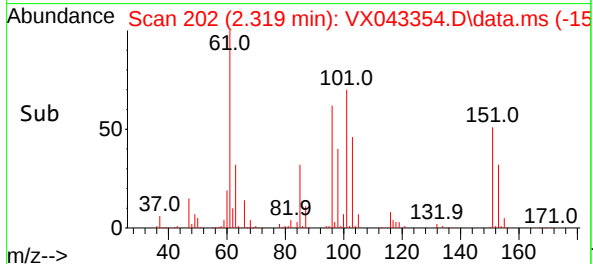
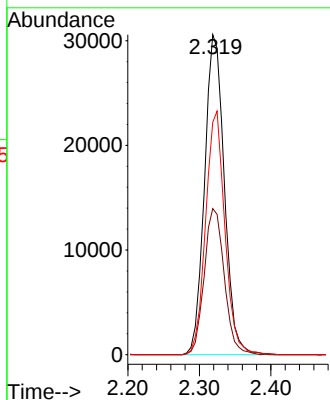
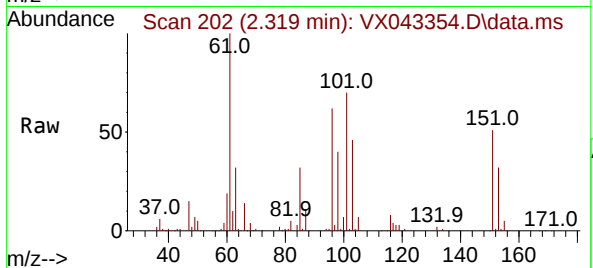
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.340 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 5875
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 74.1 60.0 90.0

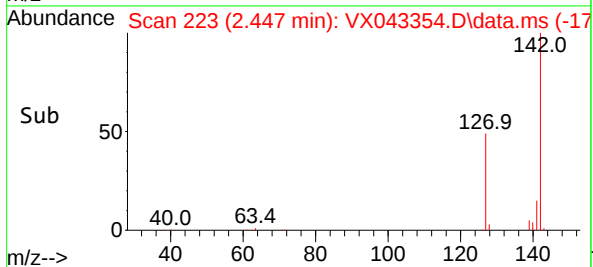
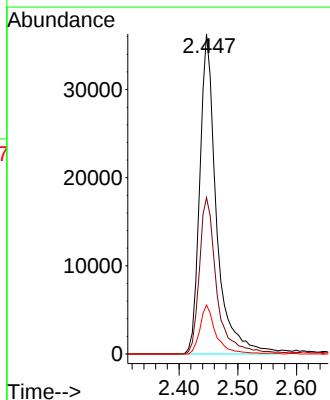
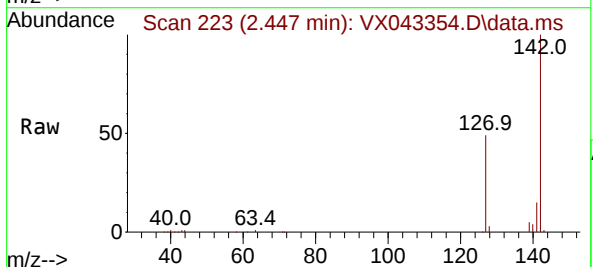
Manual Integrations
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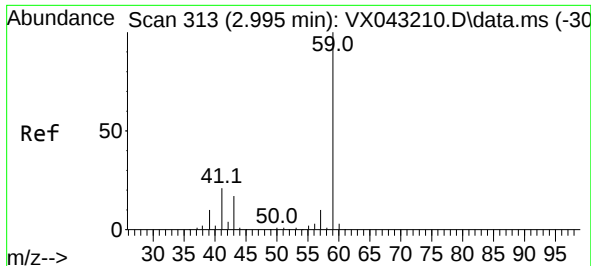
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 52.995 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:142 Resp: 71968
Ion Ratio Lower Upper
142 100
127 50.8 39.8 59.8
141 14.5 11.6 17.4





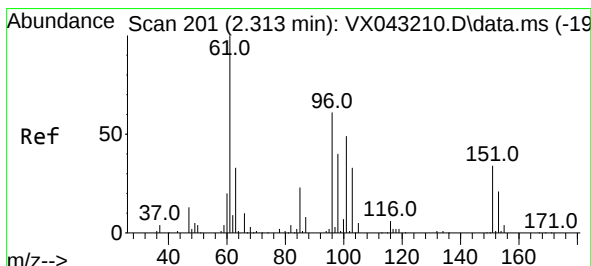
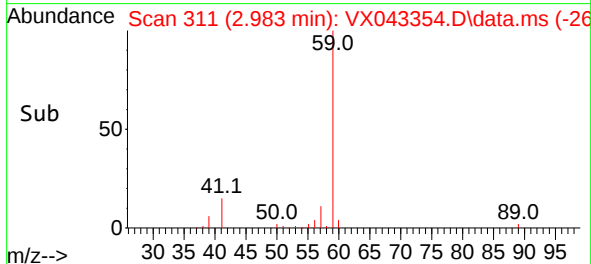
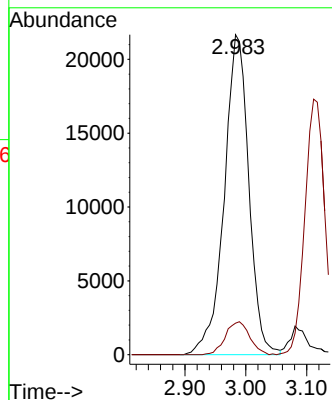
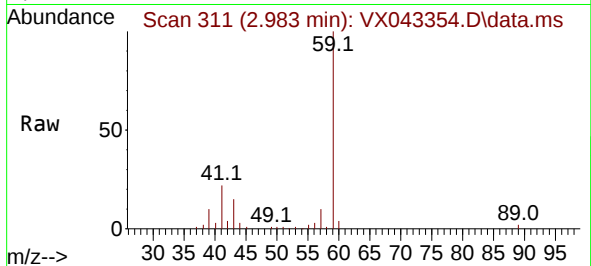
#11
Tert butyl alcohol
Concen: 202.648 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 6086
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0

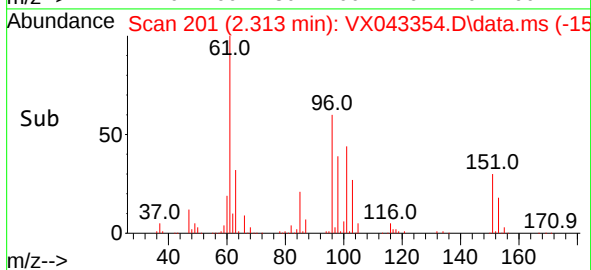
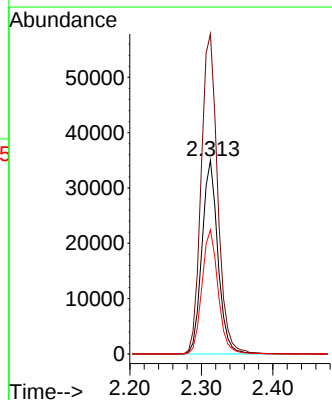
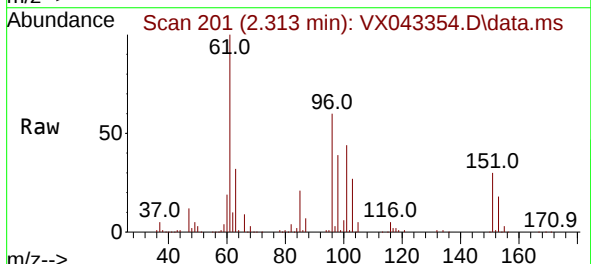
Manual Integrations
APPROVED

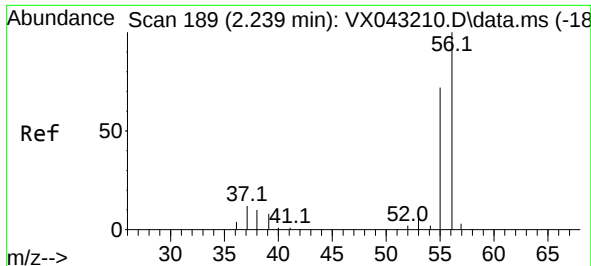
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 50.525 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 96 Resp: 54248
Ion Ratio Lower Upper
96 100
61 165.3 130.6 195.8
98 64.2 51.7 77.5





#13

Acrolein

Concen: 173.496 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 49214

Ion Ratio Lower Upper

56 100

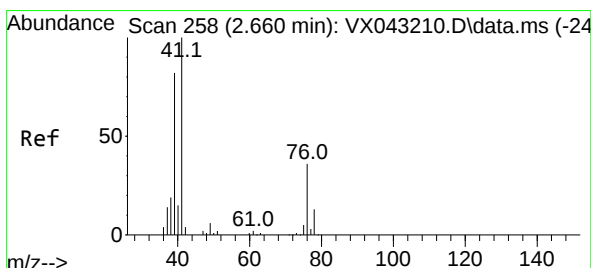
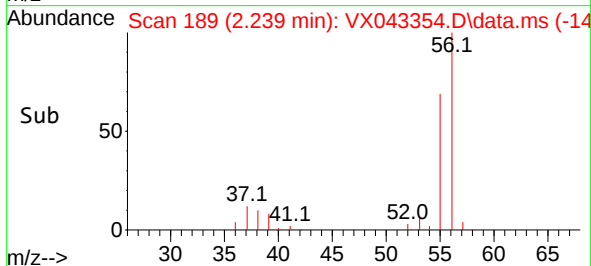
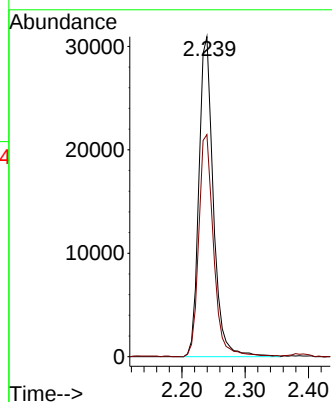
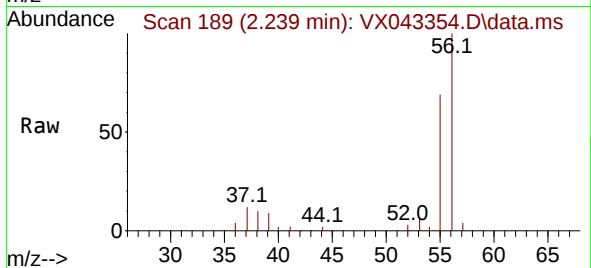
55 71.4 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Allyl chloride

Concen: 52.078 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

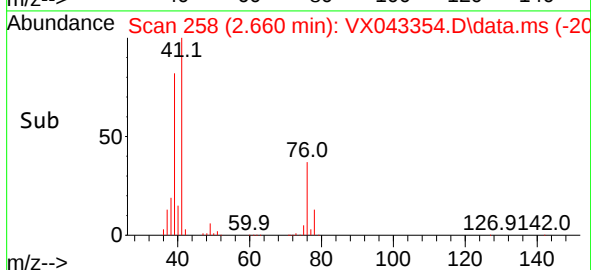
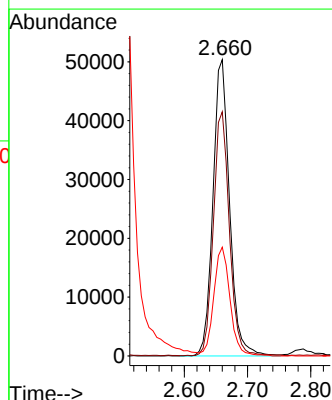
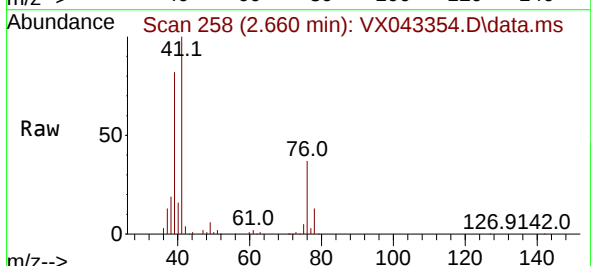
Tgt Ion: 41 Resp: 91862

Ion Ratio Lower Upper

41 100

39 79.3 61.7 92.5

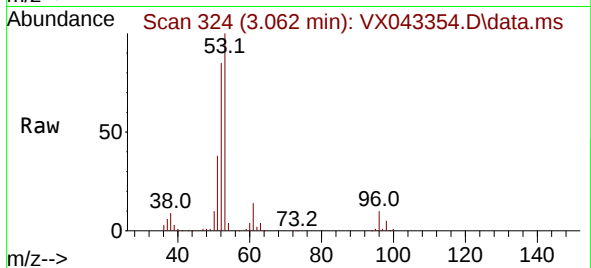
76 35.9 28.6 43.0





#15
Acrylonitrile
Concen: 189.101 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

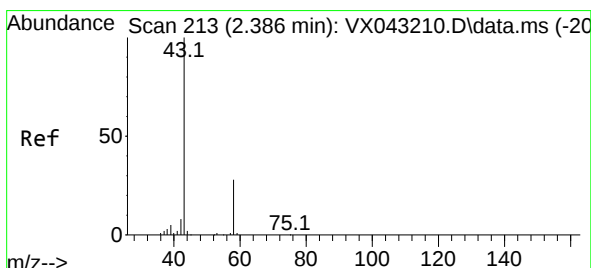
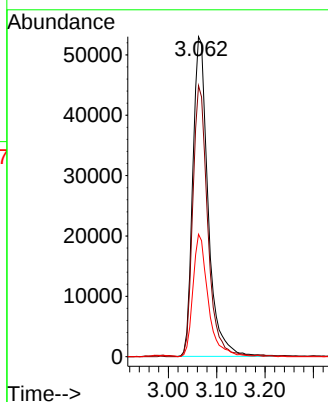
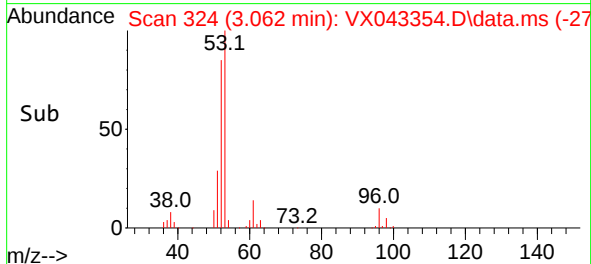
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 11596
Ion Ratio Lower Upper
53 100
52 82.7 67.6 101.4
51 38.2 30.3 45.5

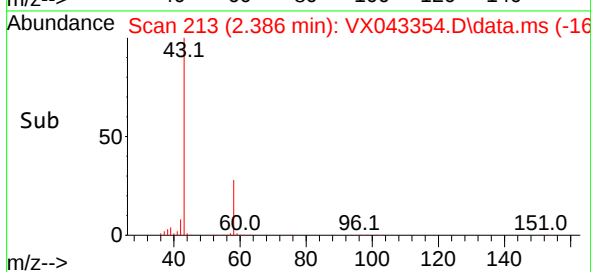
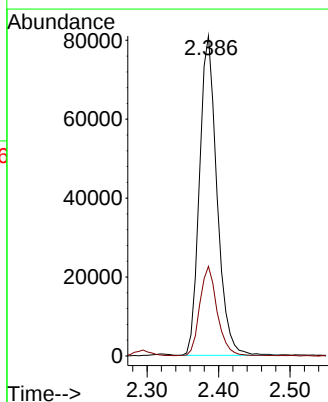
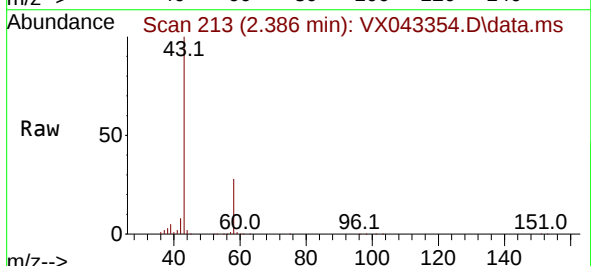
Manual Integrations
APPROVED

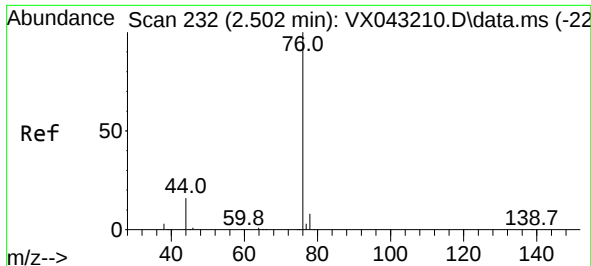
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 208.498 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 43 Resp: 137417
Ion Ratio Lower Upper
43 100
58 28.0 22.6 33.8





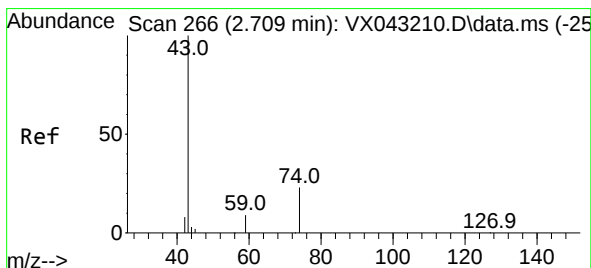
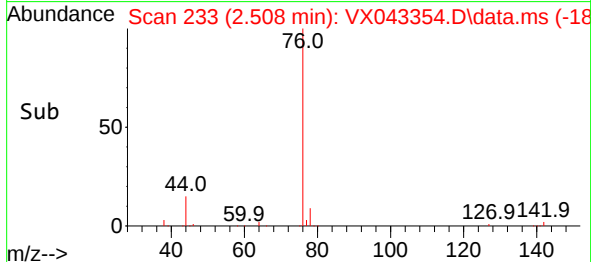
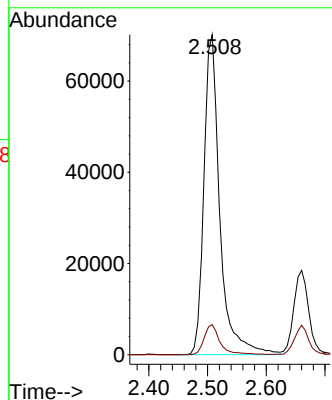
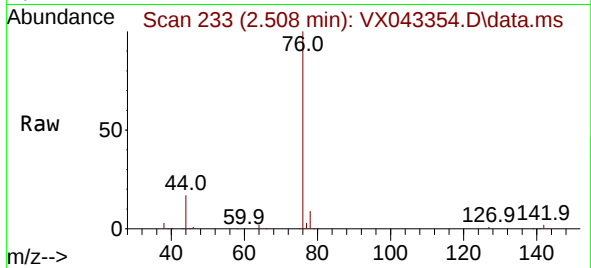
#17
Carbon Disulfide
Concen: 50.624 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 13220
Ion Ratio Lower Upper
76 100
78 9.4 6.7 10.1

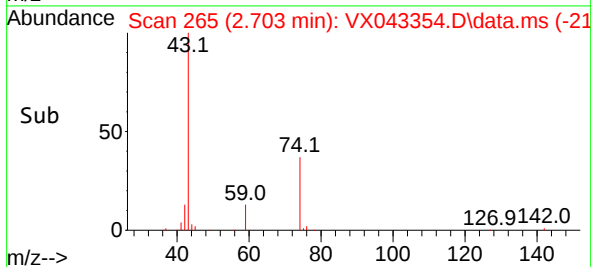
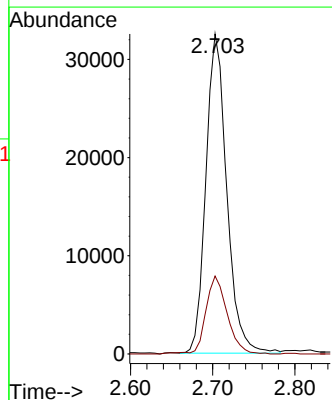
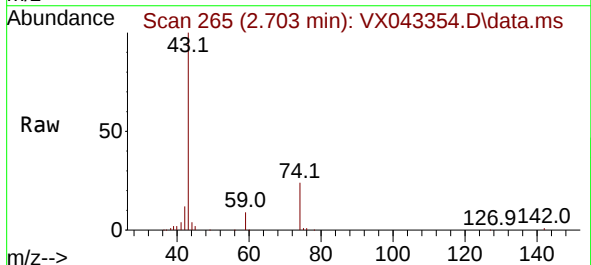
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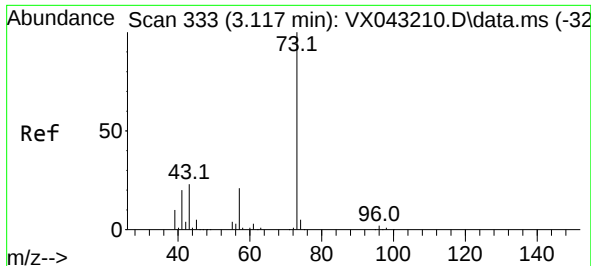
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 34.682 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

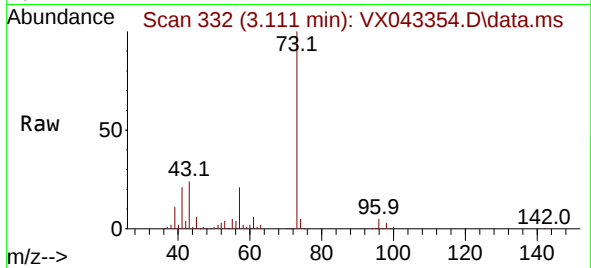
Tgt Ion: 43 Resp: 57342
Ion Ratio Lower Upper
43 100
74 25.0 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 49.976 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

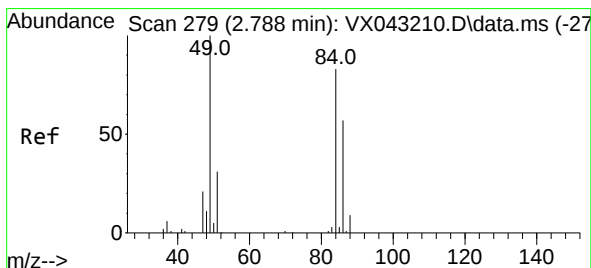
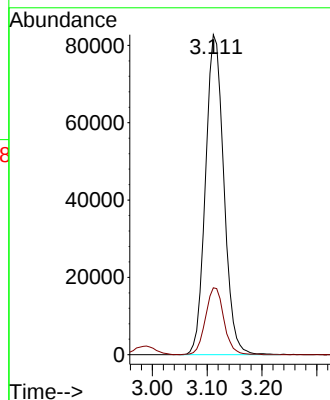
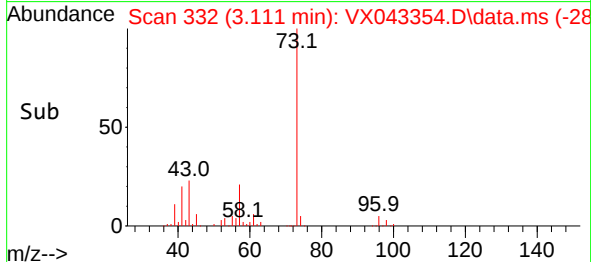
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 191970
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1

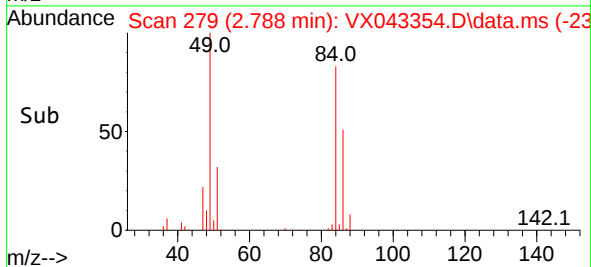
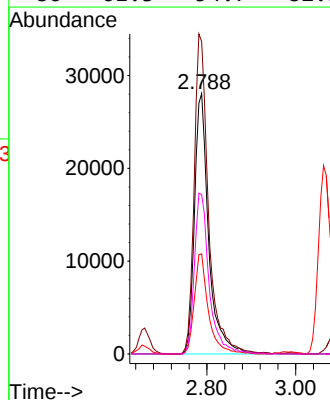
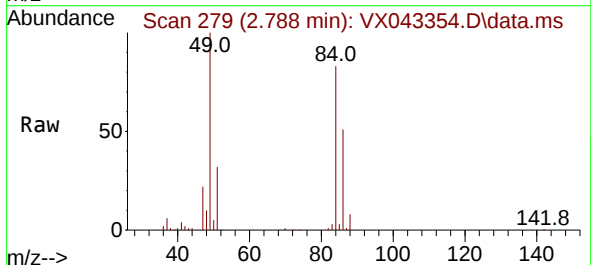
Manual Integrations
APPROVED

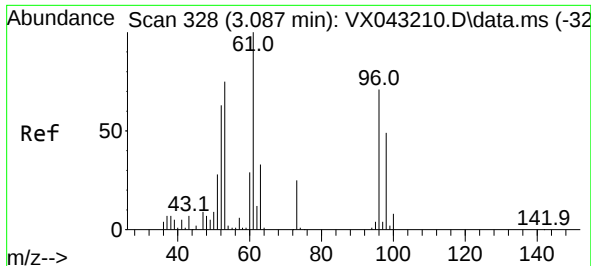
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 51.137 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

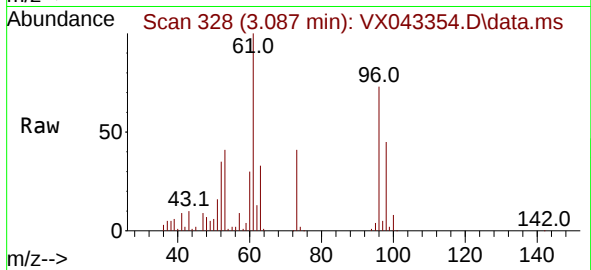
Tgt Ion: 84 Resp: 62142
Ion Ratio Lower Upper
84 100
49 120.0 96.7 145.1
51 38.5 30.4 45.6
86 61.3 54.7 82.1





#21
trans-1,2-Dichloroethene
Concen: 52.590 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

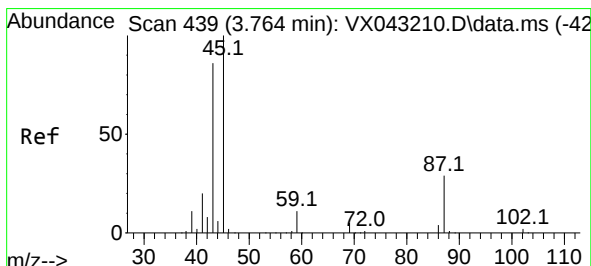
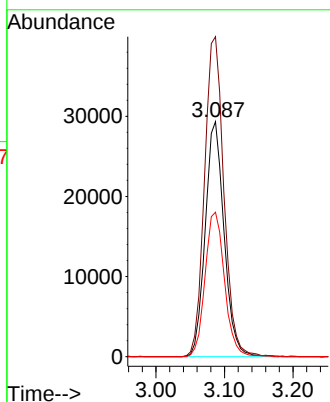
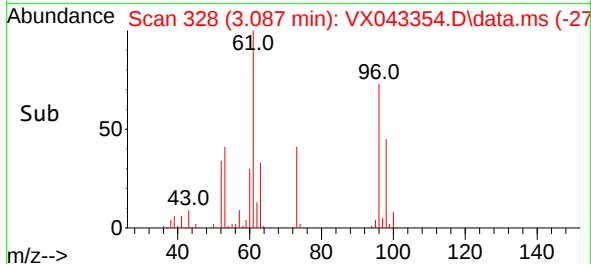
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



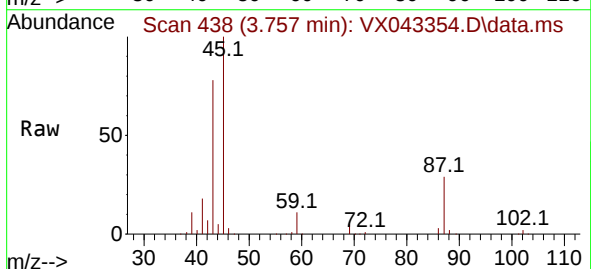
Tgt Ion: 96 Resp: 56190
Ion Ratio Lower Upper
96 100
61 136.1 112.3 168.5
98 61.5 54.6 82.0

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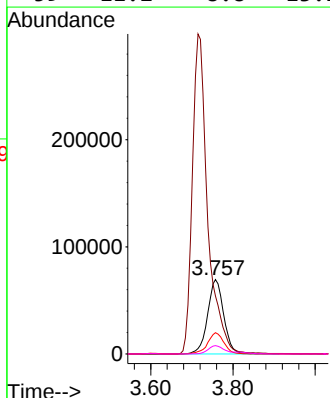
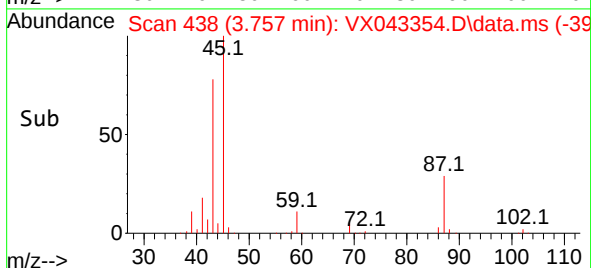
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 53.050 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38



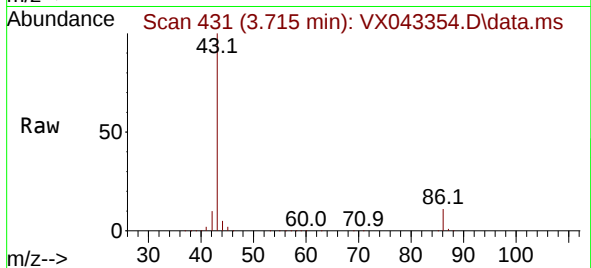
Tgt Ion: 45 Resp: 188217
Ion Ratio Lower Upper
45 100
43 77.7 68.5 102.7
87 28.5 23.0 34.4
59 11.2 8.8 13.2





#23
 Vinyl Acetate
 Concen: 192.721 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38

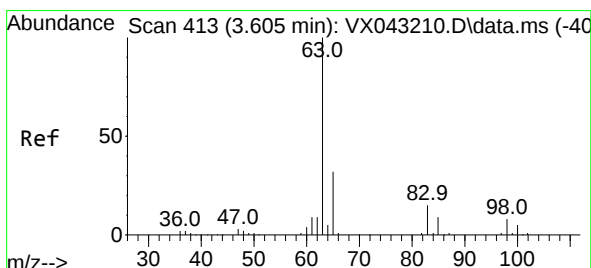
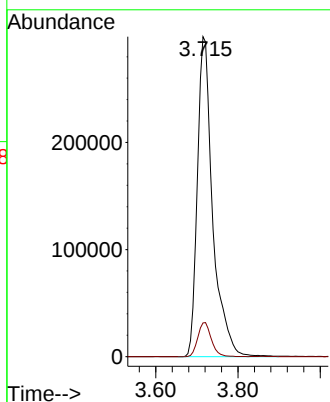
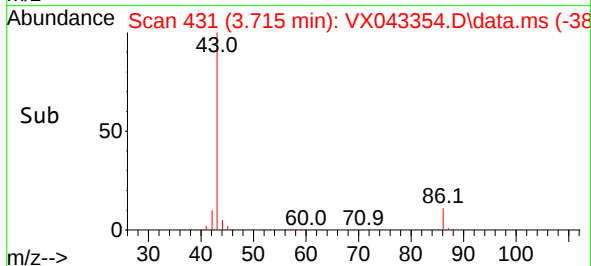
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 773654
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

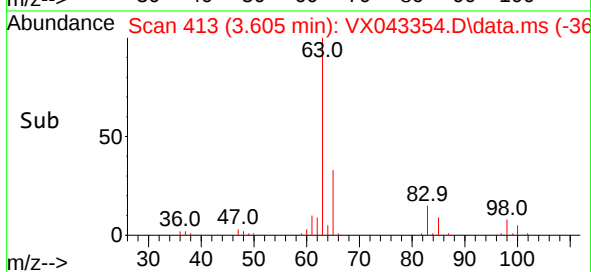
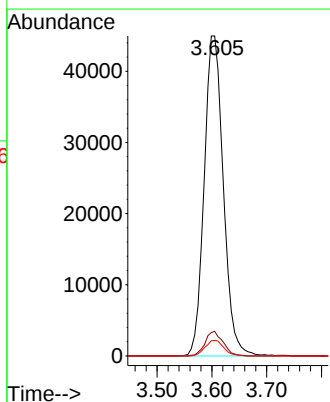
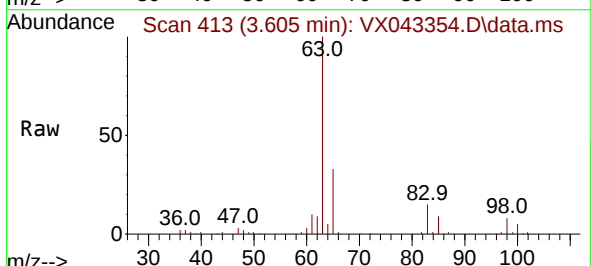
Manual Integrations
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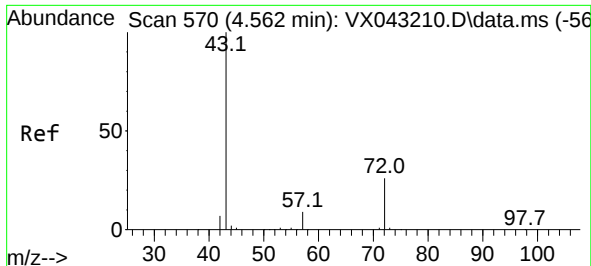
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 52.746 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38

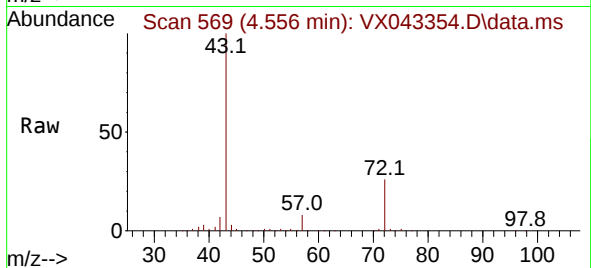
Tgt Ion: 63 Resp: 109022
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 193.042 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

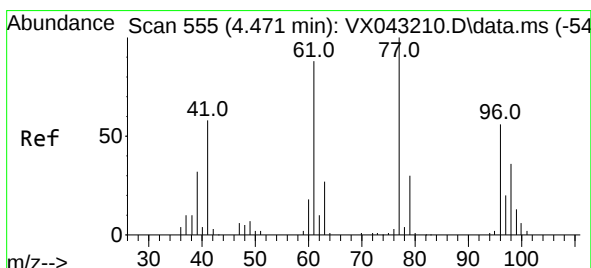
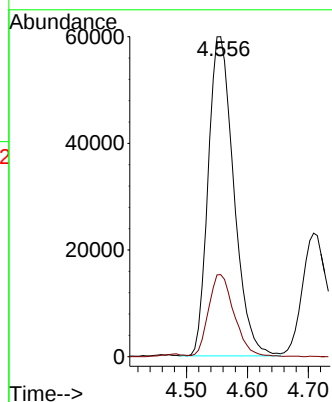
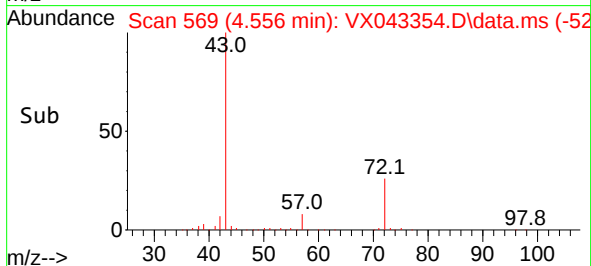
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 174450
Ion Ratio Lower Upper
43 100
72 25.6 20.6 31.0

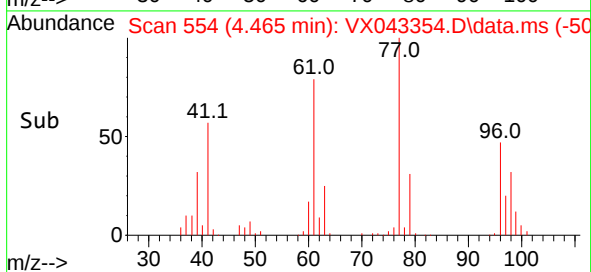
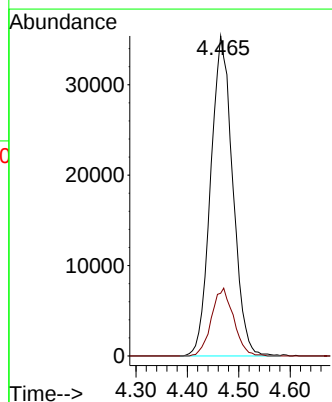
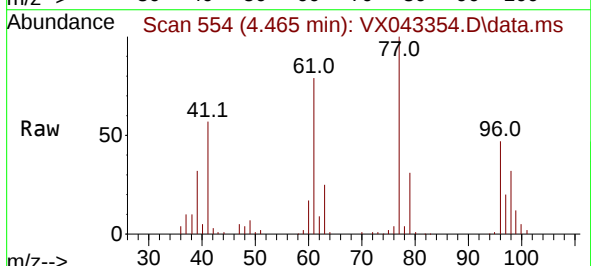
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 53.650 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 77 Resp: 105507
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.750 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6896

Ion Ratio Lower Upper

96 100

61 150.4 0.0 298.2

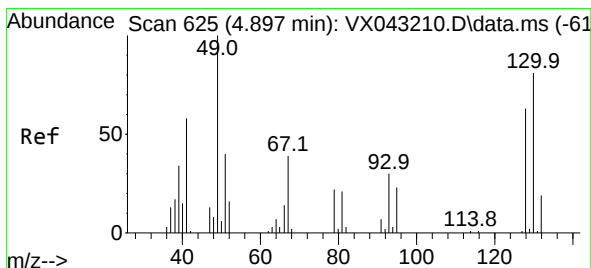
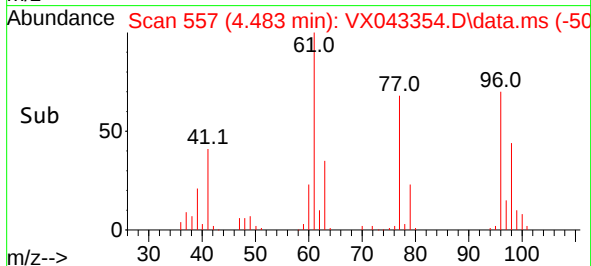
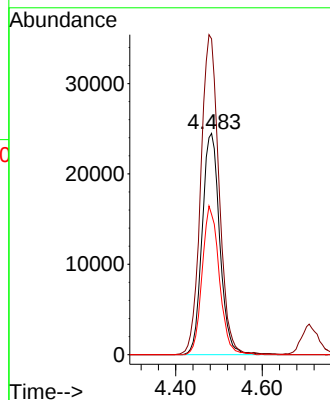
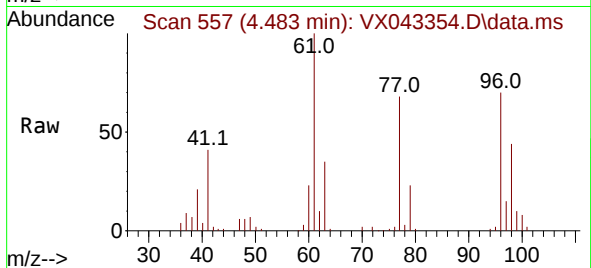
98 65.3 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#28

Bromochloromethane

Concen: 45.001 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

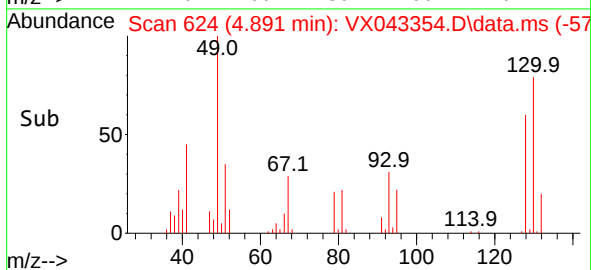
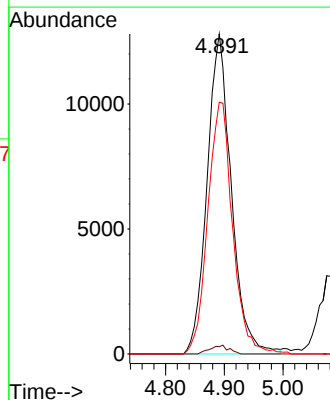
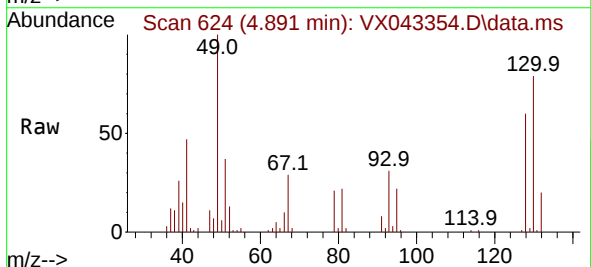
Tgt Ion: 49 Resp: 36696

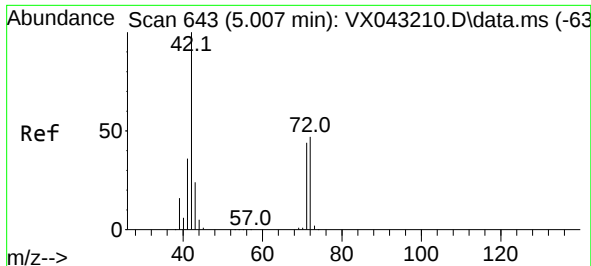
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 80.7 65.5 98.3





#29

Tetrahydrofuran

Concen: 181.198 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 104314

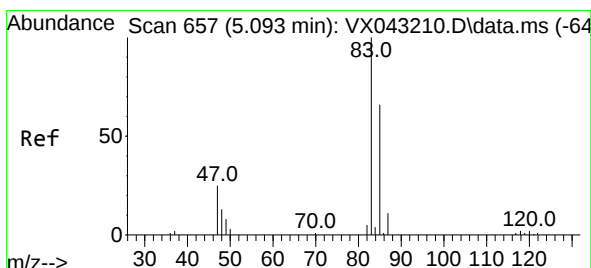
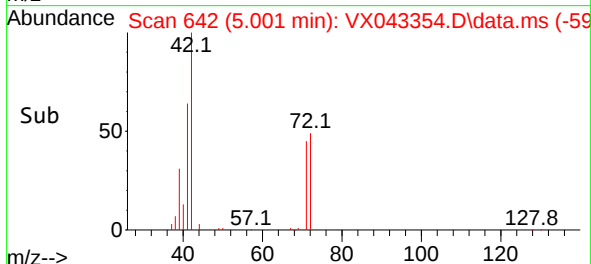
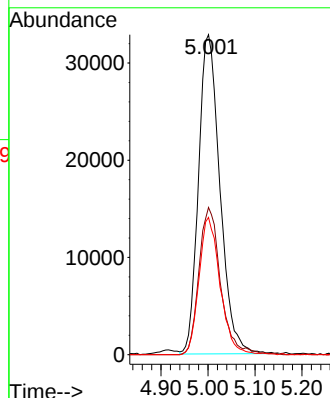
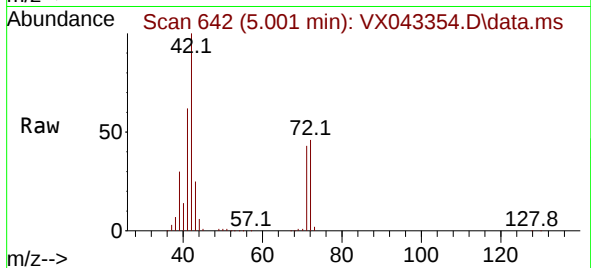
Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.7	56.5
71	42.1	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Chloroform

Concen: 51.572 ug/l

RT: 5.080 min Scan# 655

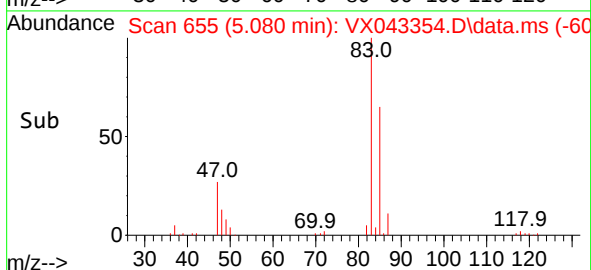
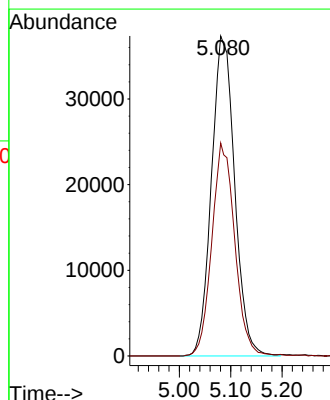
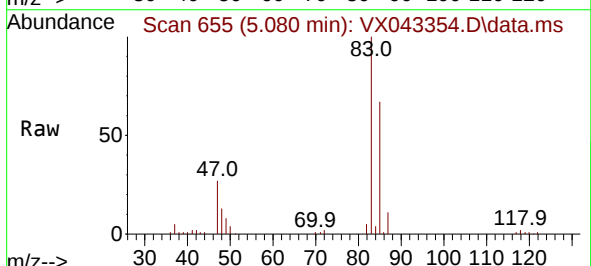
Delta R.T. -0.012 min

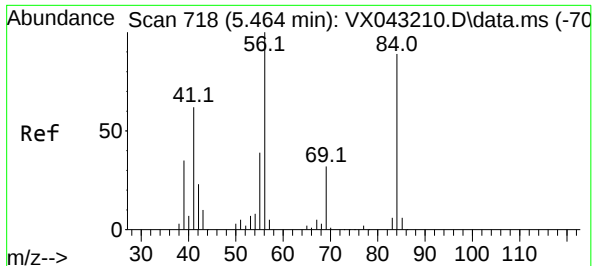
Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion: 83 Resp: 117060

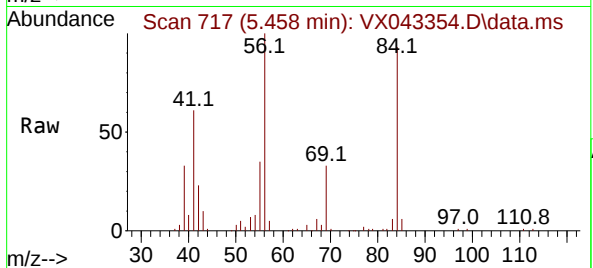
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.5	78.7





#31
Cyclohexane
Concen: 53.520 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

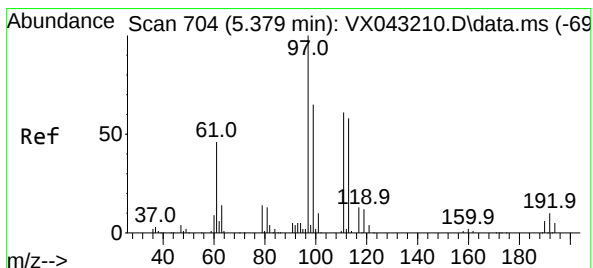
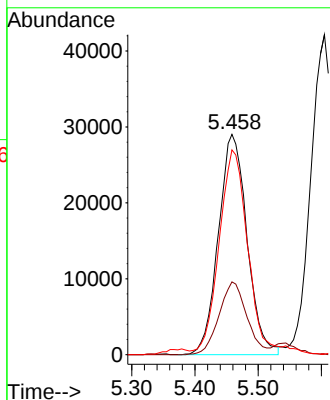
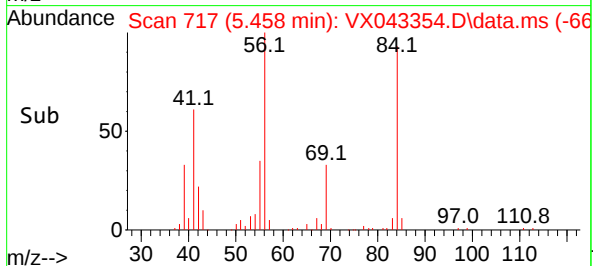
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9114
Ion Ratio Lower Upper
56 100
69 33.1 25.8 38.6
84 90.7 71.1 106.7

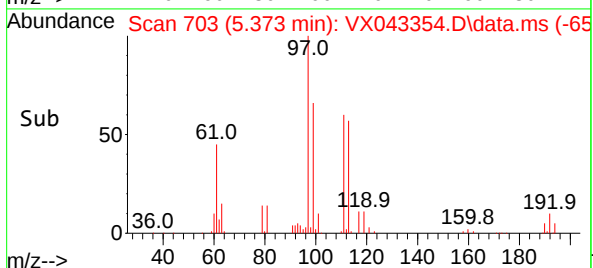
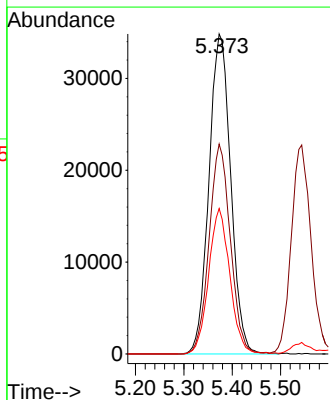
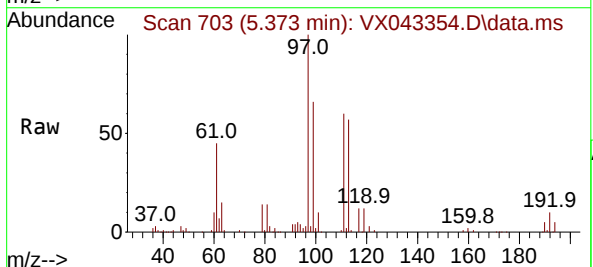
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 52.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 97 Resp: 109043
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.4 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 50.456 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7963

Ion Ratio Lower Upper

65 100

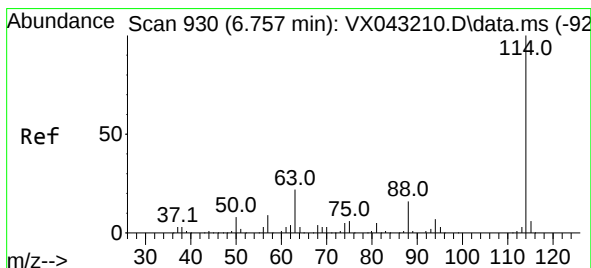
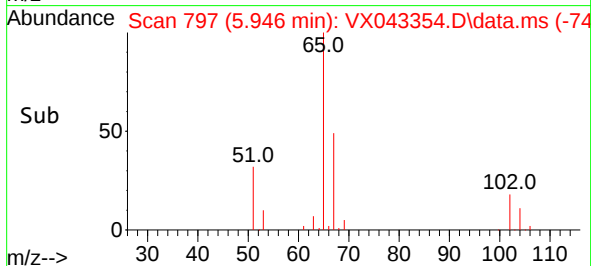
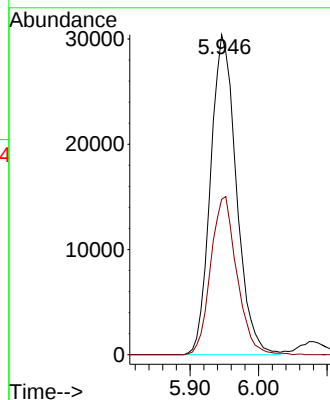
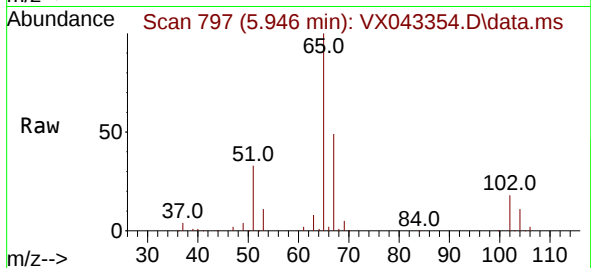
67 50.0 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

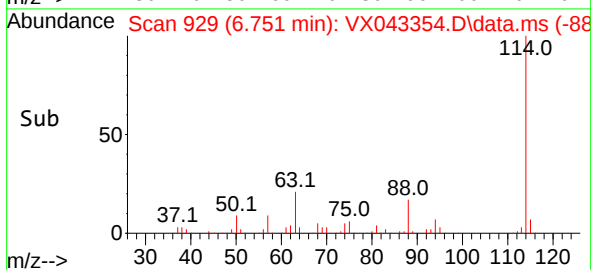
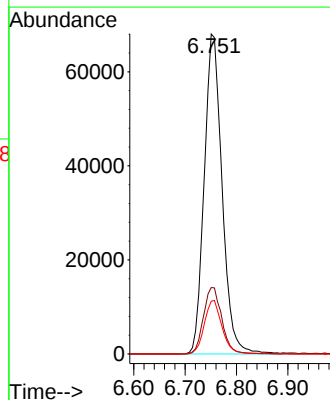
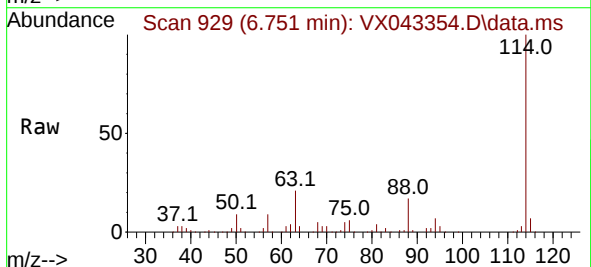
Tgt Ion:114 Resp: 164635

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

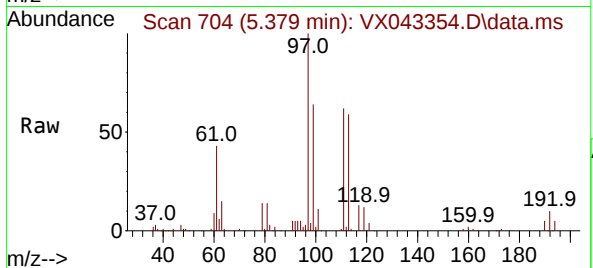
88 16.5 0.0 33.0





#35
Dibromofluoromethane
Concen: 53.590 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

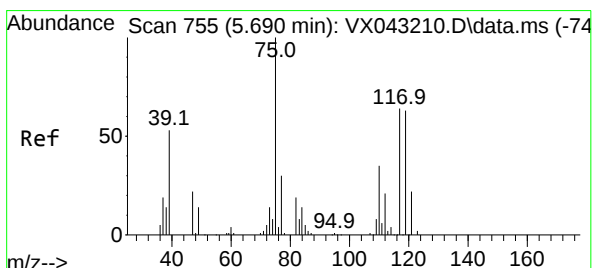
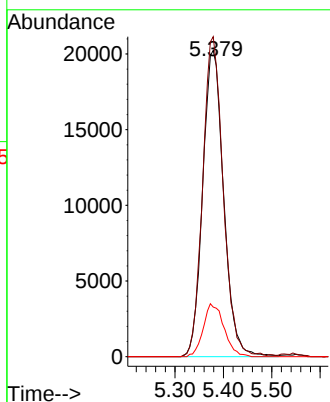
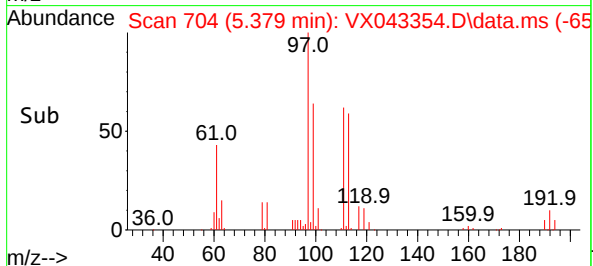
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6084
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 17.1 14.1 21.1

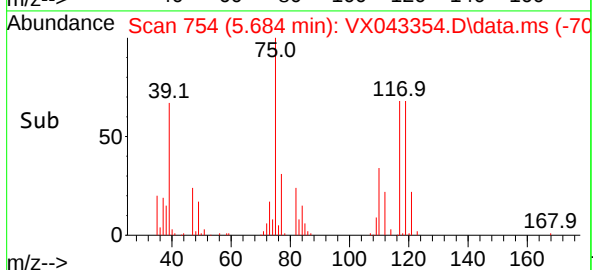
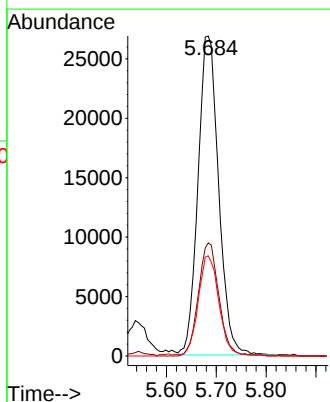
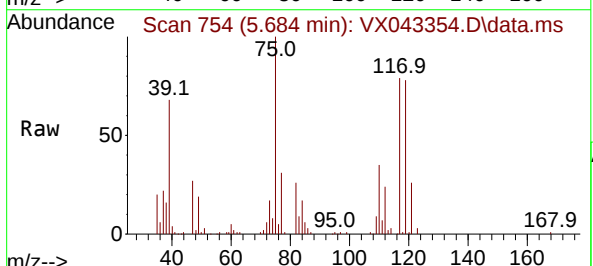
Manual Integrations
APPROVED

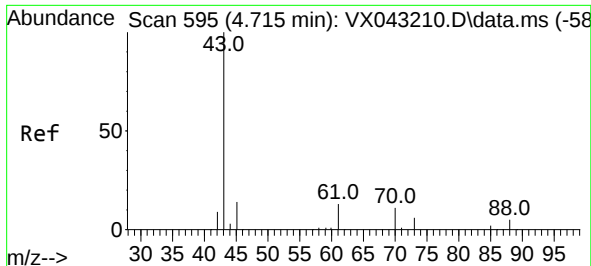
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
1,1-Dichloropropene
Concen: 53.861 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 75 Resp: 77256
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 40.685 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

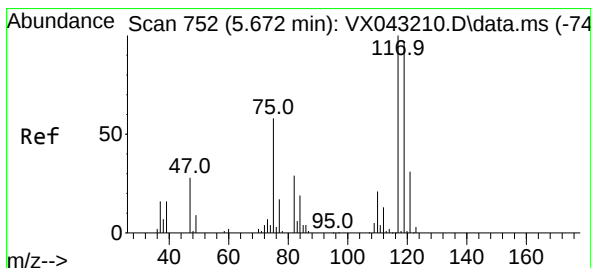
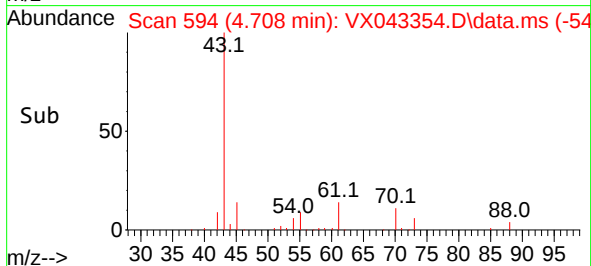
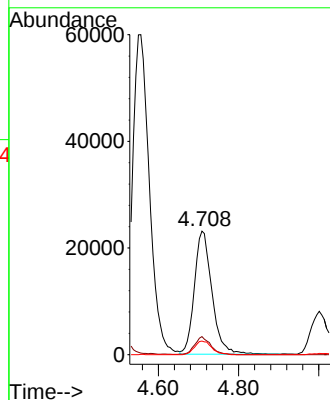
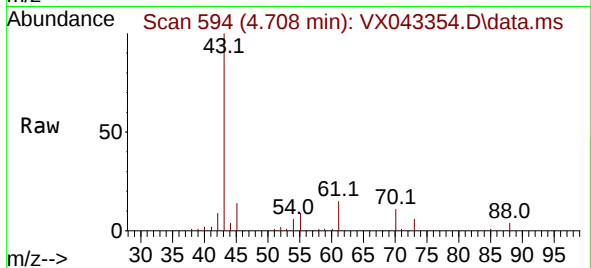
Tgt Ion:	43	Resp:	70080
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#38

Carbon Tetrachloride

Concen: 53.783 ug/l

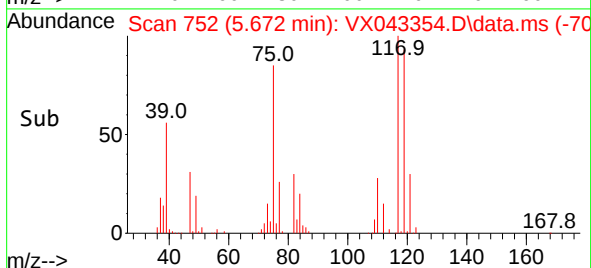
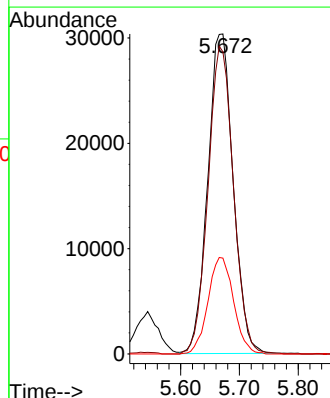
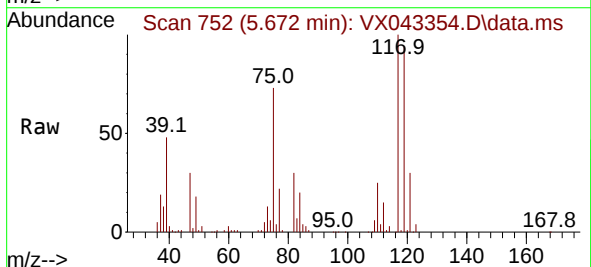
RT: 5.672 min Scan# 752

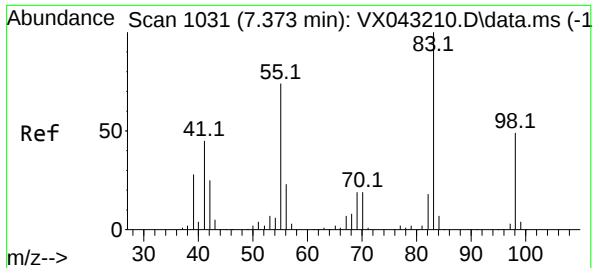
Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:	117	Resp:	91324
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.7	116.5
121	30.0	24.3	36.5





#39
Methylcyclohexane
Concen: 56.417 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

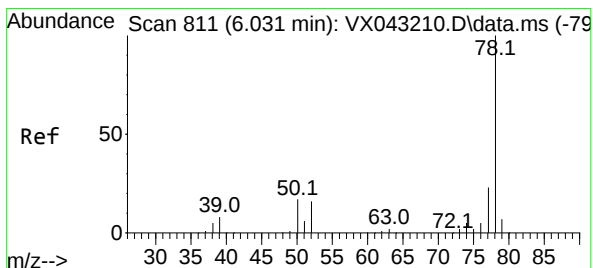
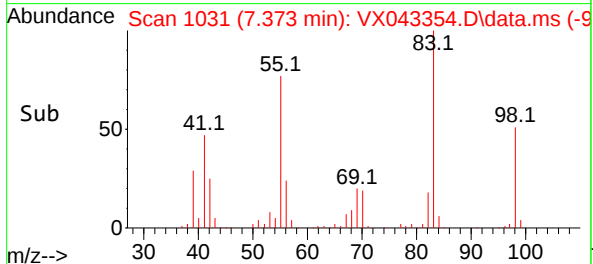
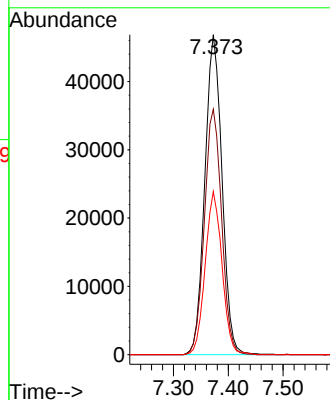
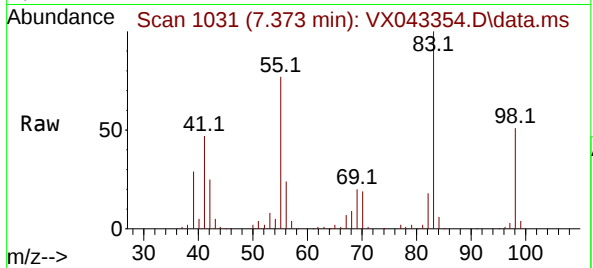
Tgt Ion: 83 Resp: 10177
Ion Ratio Lower Upper
83 100
55 76.7 59.4 89.2
98 51.0 39.3 58.9

Manual Integrations

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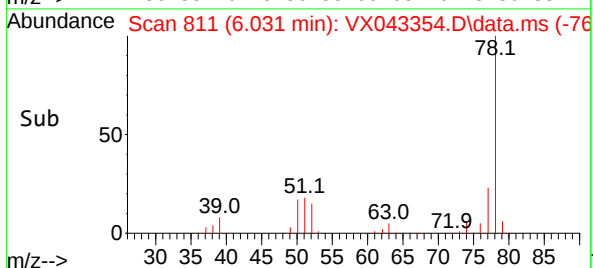
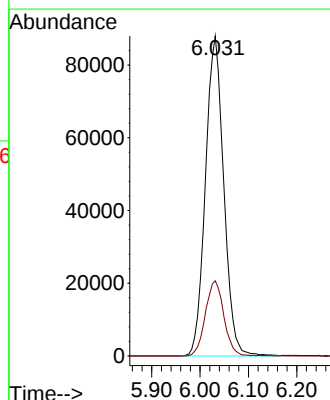
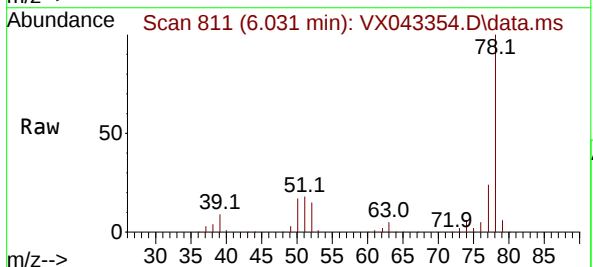
Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40
Benzene
Concen: 53.243 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 78 Resp: 231545
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





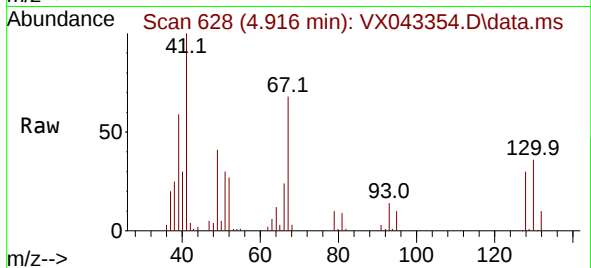
#41
Methacrylonitrile
Concen: 43.144 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



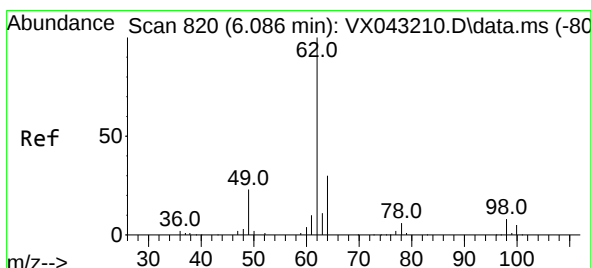
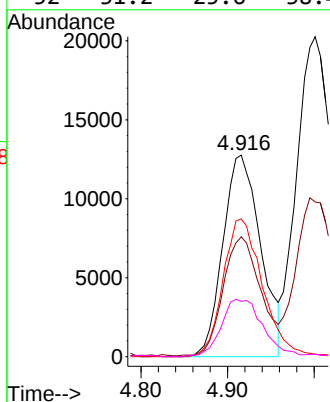
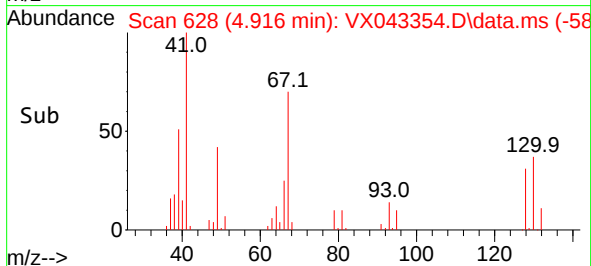
Tgt Ion: 41 Resp: 3868
Ion Ratio Lower Upper
41 100
39 58.6 45.0 67.4
67 71.3 56.0 84.0
52 31.2 25.6 38.4

Manual Integrations

APPROVED

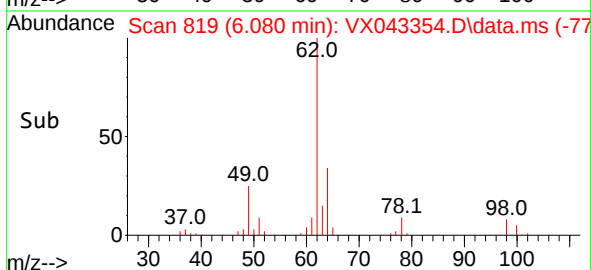
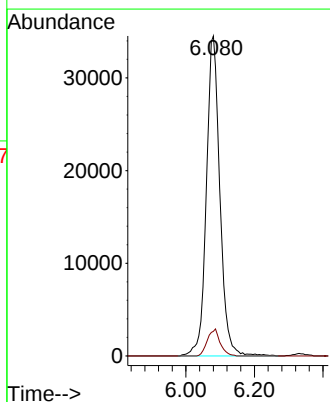
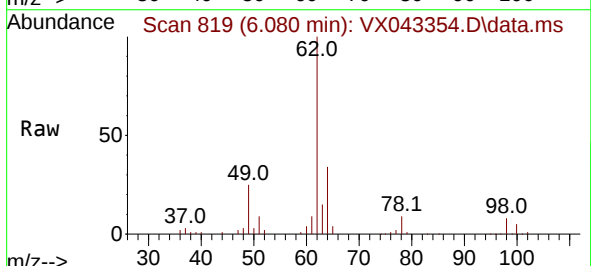
Reviewed By :John Carlone 10/11/2024

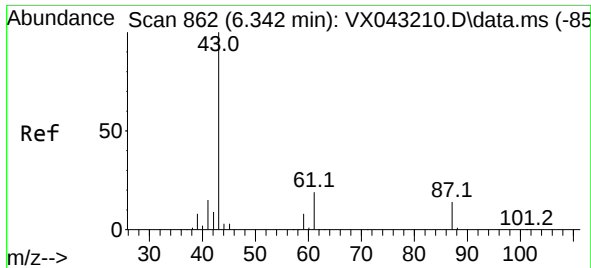
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 53.442 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

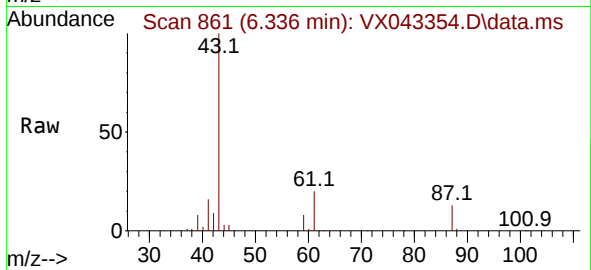
Tgt Ion: 62 Resp: 94706
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 44.401 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

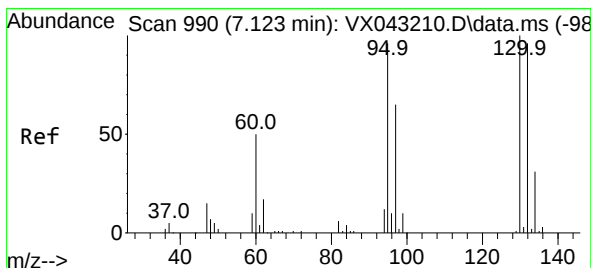
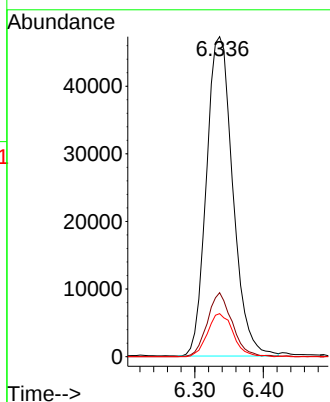
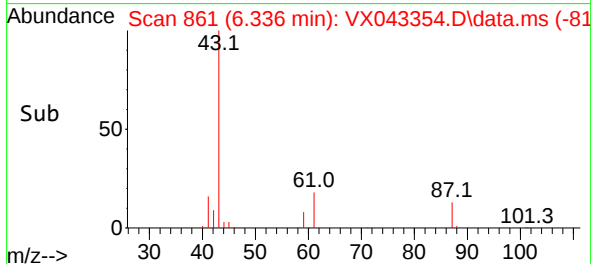
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 126324
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 13.1 10.8 16.2

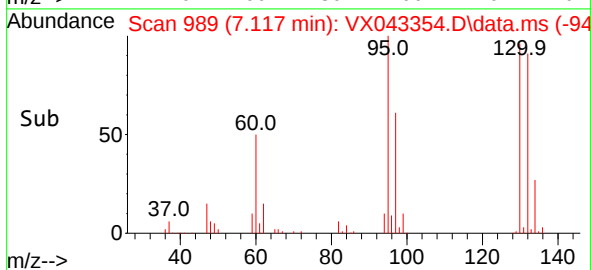
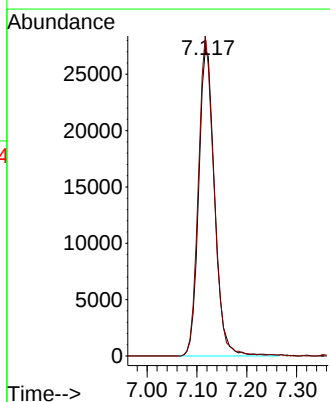
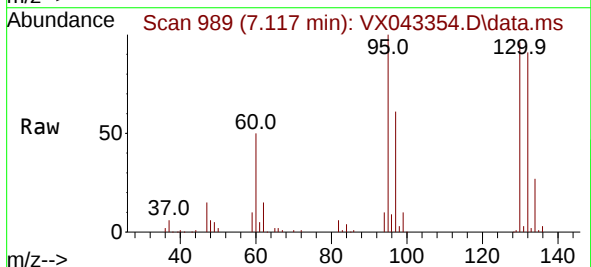
Manual Integrations
APPROVED

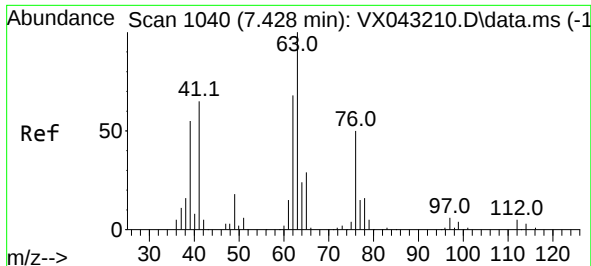
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#44
Trichloroethene
Concen: 52.647 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:130 Resp: 60726
Ion Ratio Lower Upper
130 100
95 104.6 0.0 192.2





#45

1,2-Dichloropropane

Concen: 53.889 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5751

Ion Ratio Lower Upper

63 100

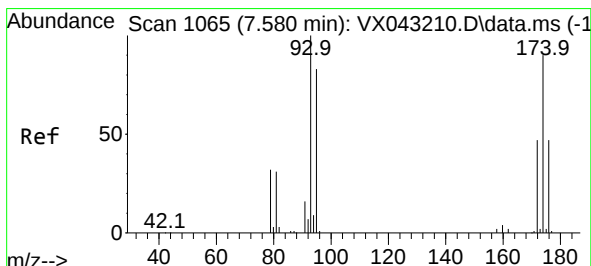
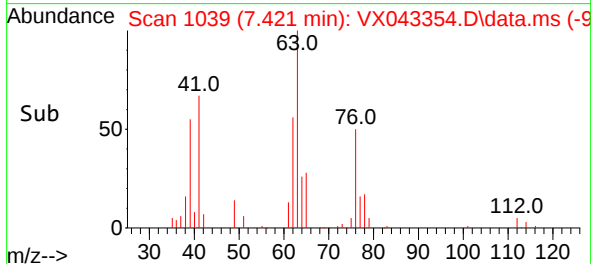
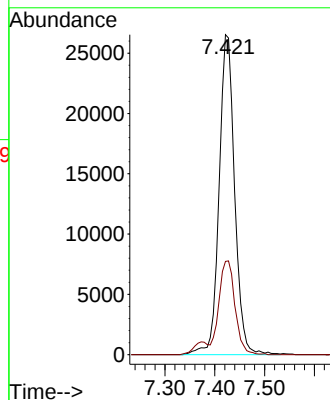
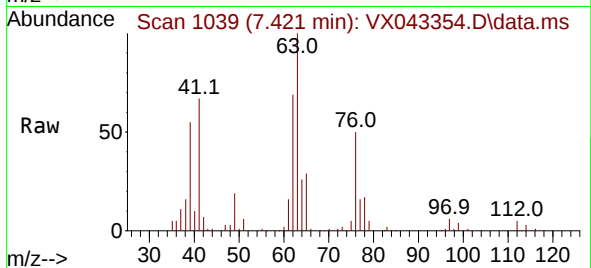
65 29.1 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 51.616 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

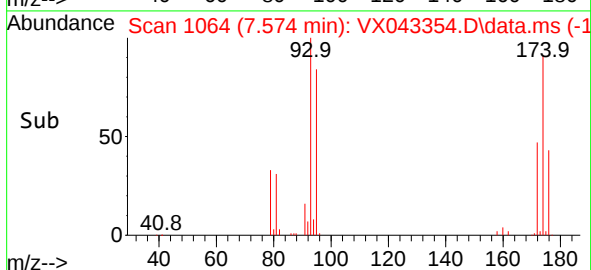
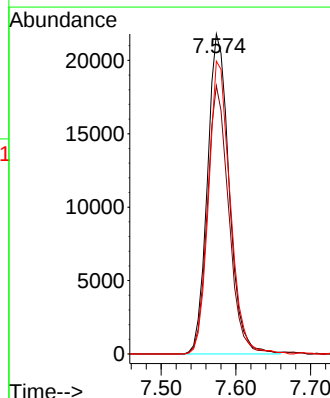
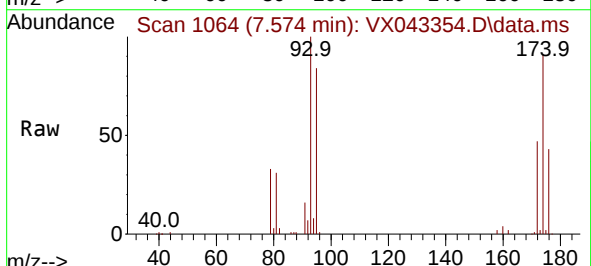
Tgt Ion: 93 Resp: 44142

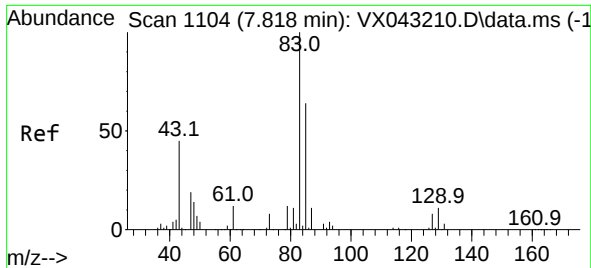
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.8

174 90.6 74.5 111.7





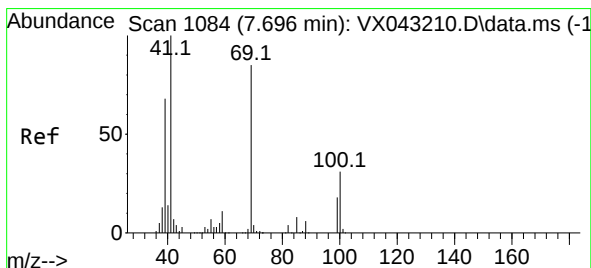
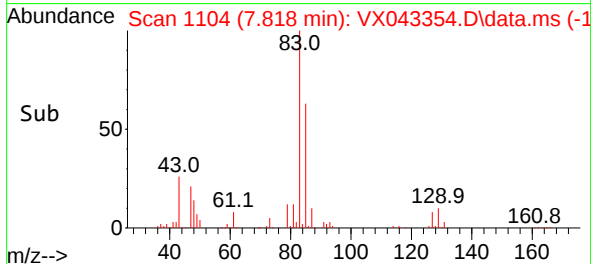
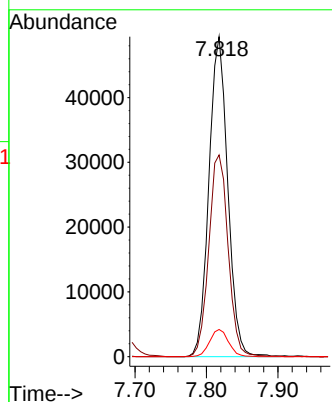
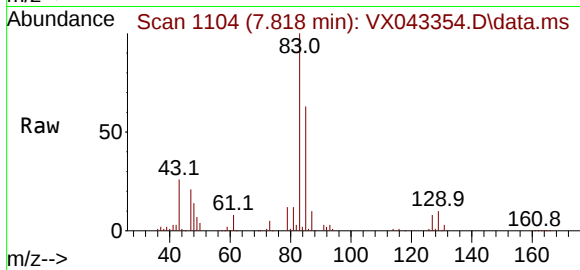
#47
Bromodichloromethane
Concen: 53.634 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90170
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2
127 8.5 6.2 9.4

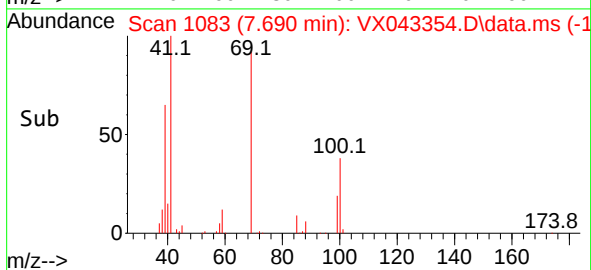
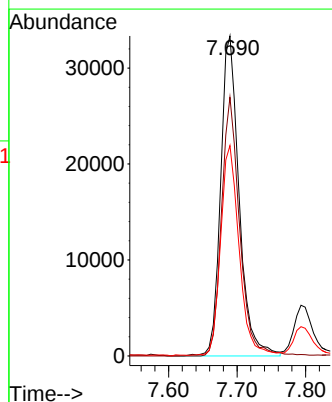
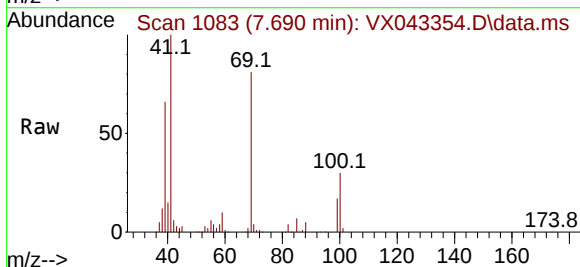
Manual Integrations
APPROVED

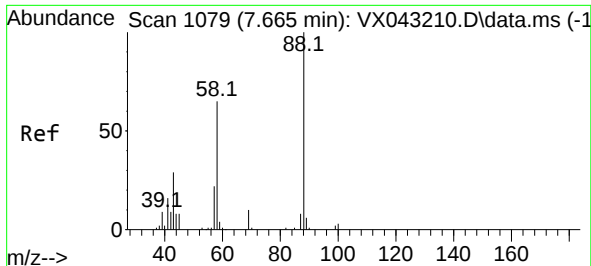
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 44.543 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

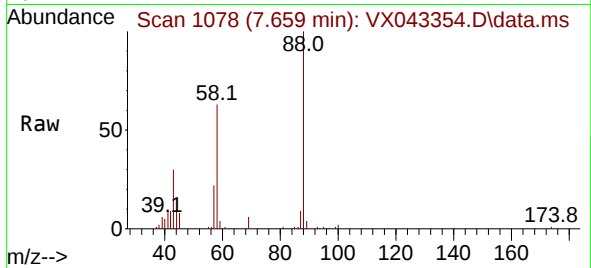
Tgt Ion: 41 Resp: 62180
Ion Ratio Lower Upper
41 100
69 79.7 64.1 96.1
39 65.5 52.8 79.2





#49
1,4-Dioxane
Concen: 763.159 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

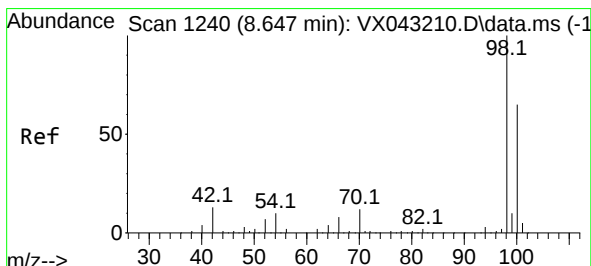
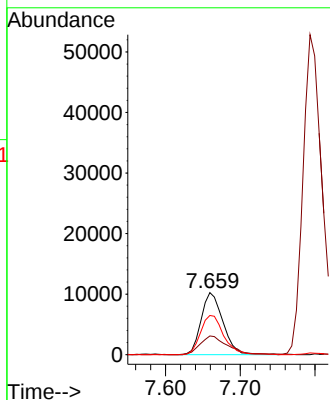
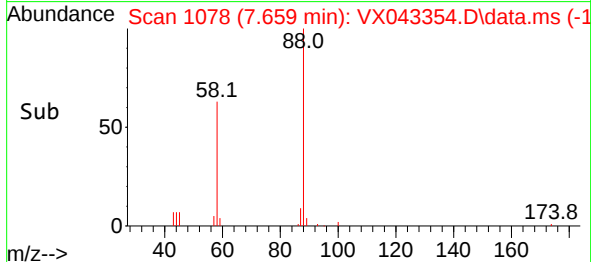
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 20709
Ion Ratio Lower Upper
88 100
43 37.9 29.5 44.3
58 67.3 55.2 82.8

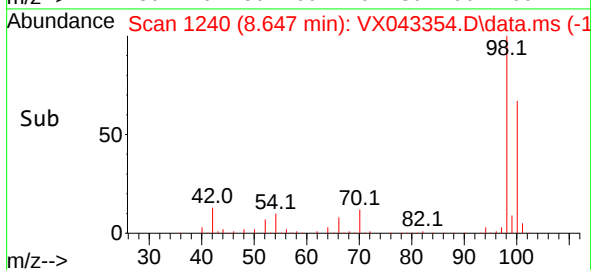
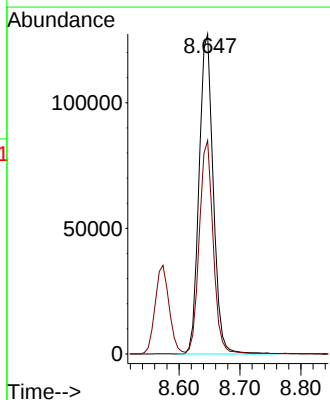
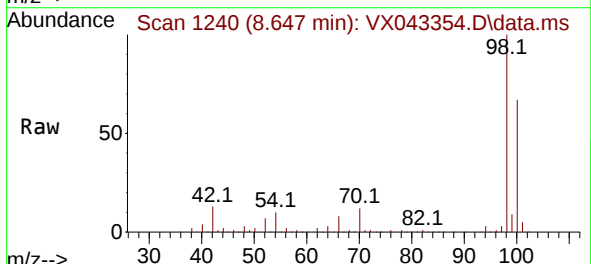
Manual Integrations
APPROVED

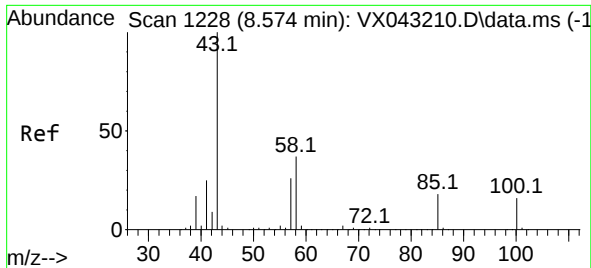
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 52.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 98 Resp: 205300
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 201.304 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

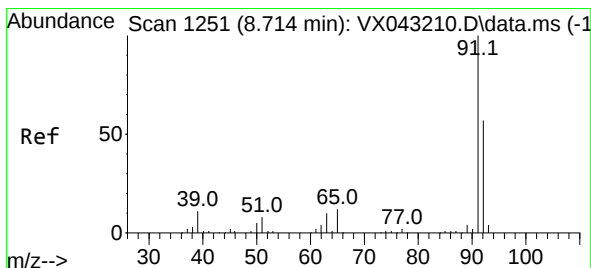
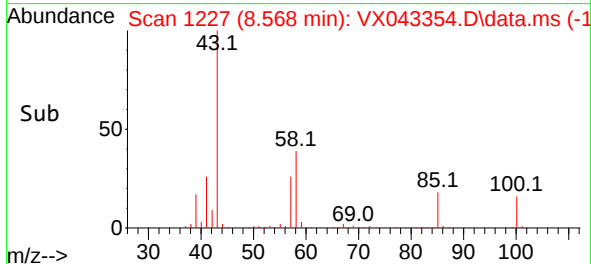
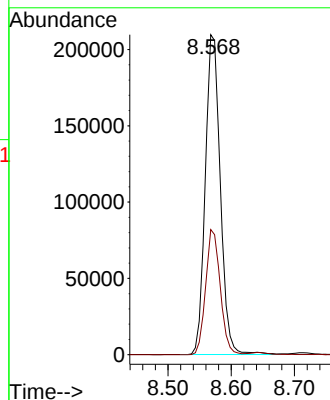
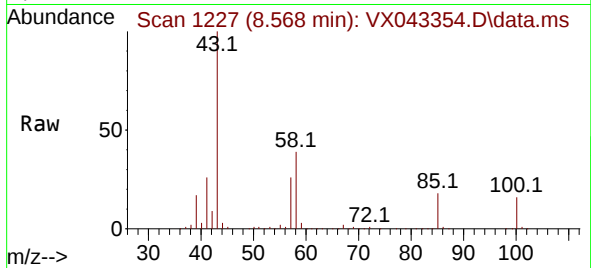
VSTDCCC050EC

Tgt Ion: 43 Resp: 34784
Ion Ratio Lower Upper
43 100
58 38.0 30.0 45.0

Manual Integrations

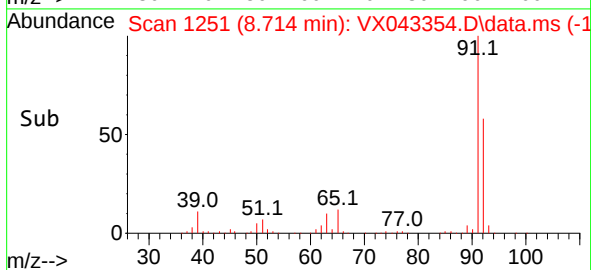
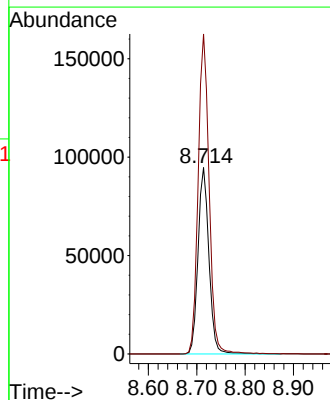
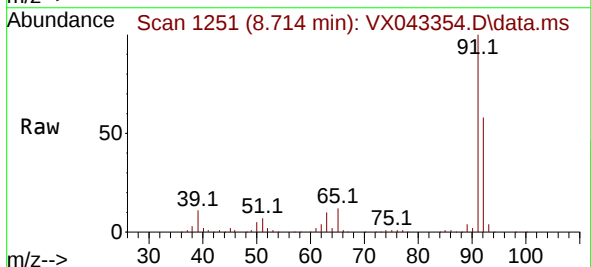
APPROVED

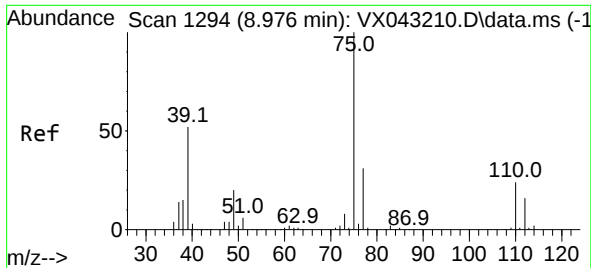
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 54.191 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

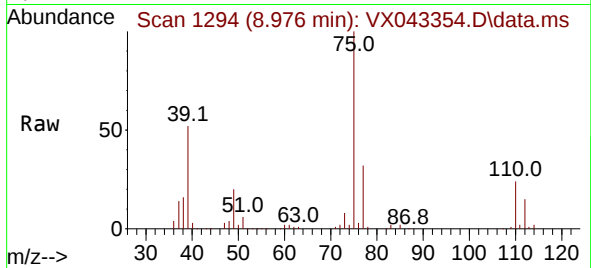
Tgt Ion: 92 Resp: 147701
Ion Ratio Lower Upper
92 100
91 172.4 137.0 205.4





#53
t-1,3-Dichloropropene
Concen: 55.216 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

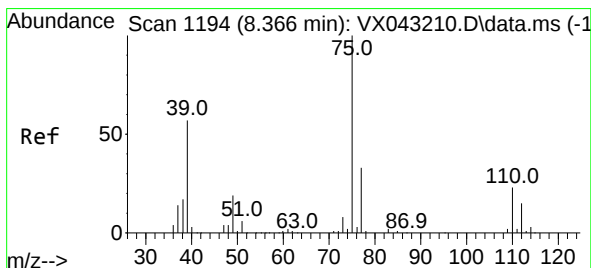
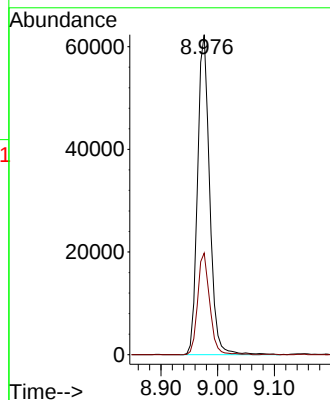
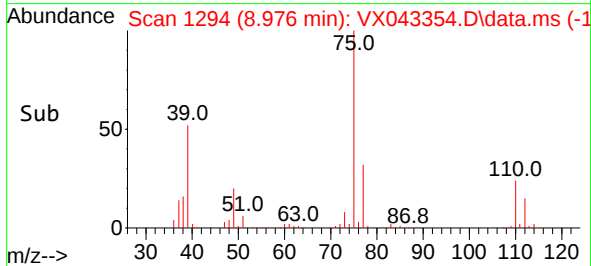
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

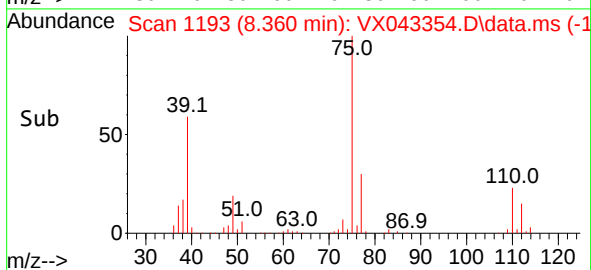
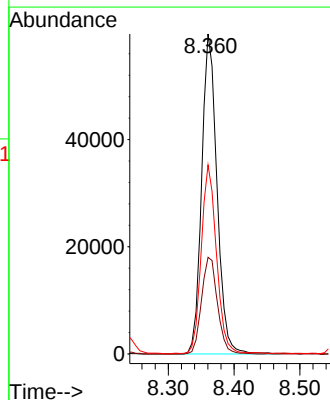
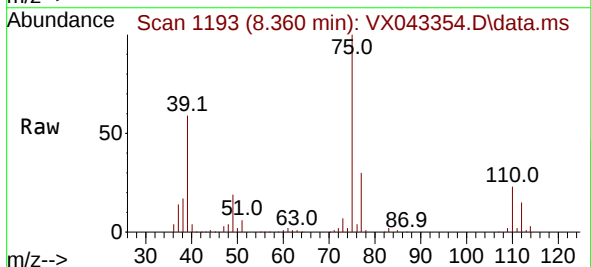
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 53.991 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

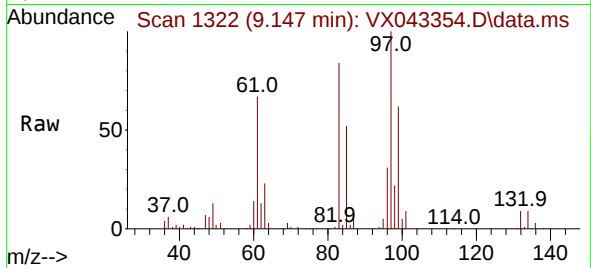
Tgt Ion: 75 Resp: 96748
Ion Ratio Lower Upper
75 100
77 30.2 26.0 39.0
39 58.9 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 50.369 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

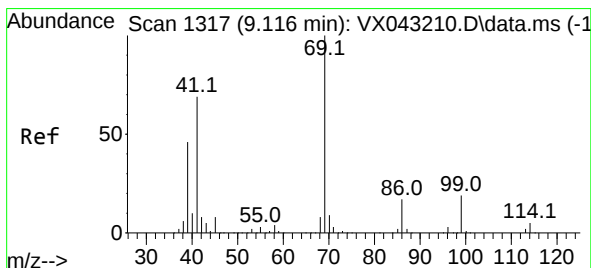
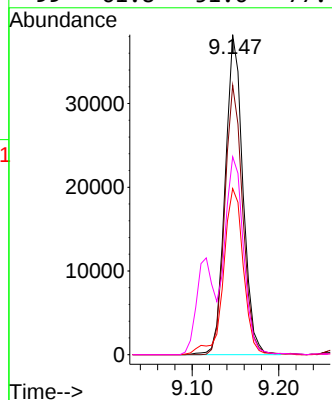
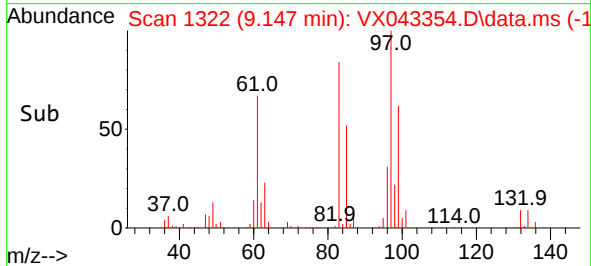
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.9	100.3
85	51.9	43.9	65.9
99	61.8	51.6	77.4

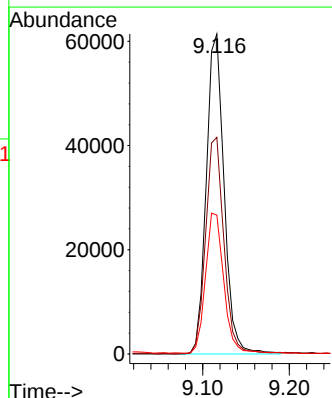
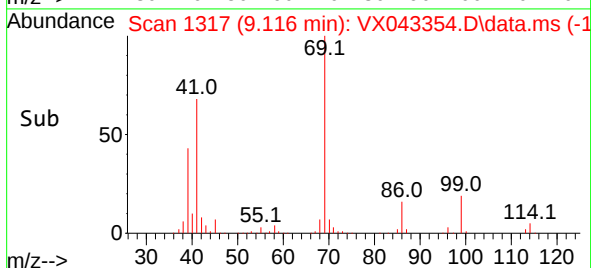
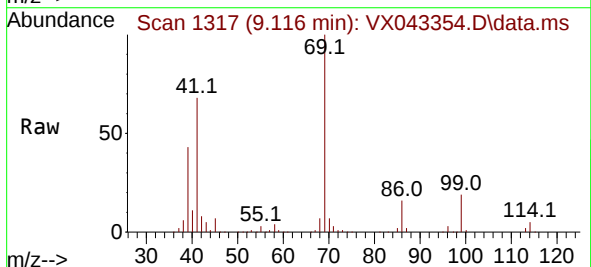
Manual Integrations
APPROVED

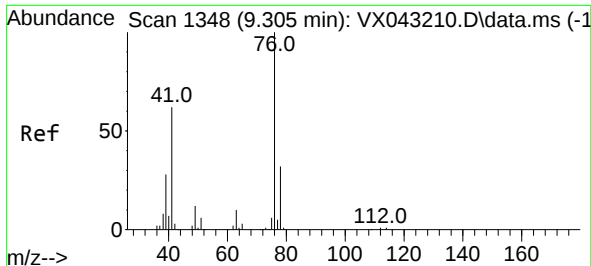
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#56
Ethyl methacrylate
Concen: 49.549 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.1	84.1
39	45.0	36.4	54.6





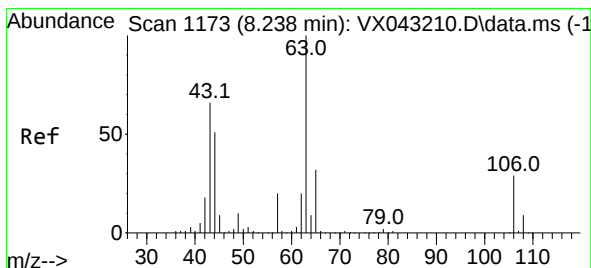
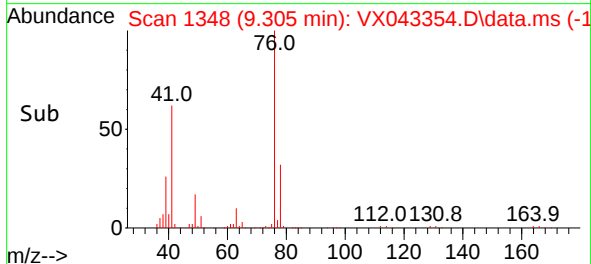
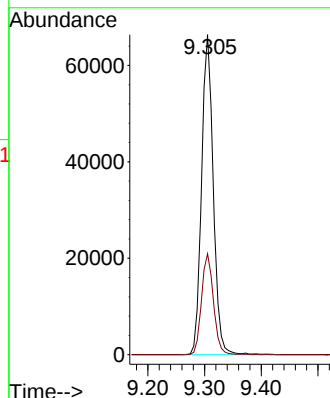
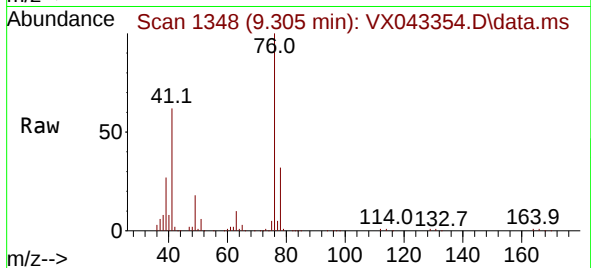
#57
1,3-Dichloropropane
Concen: 51.455 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9492
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

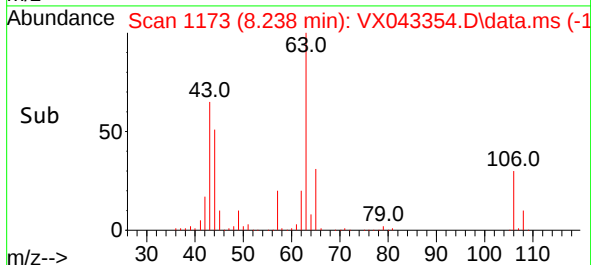
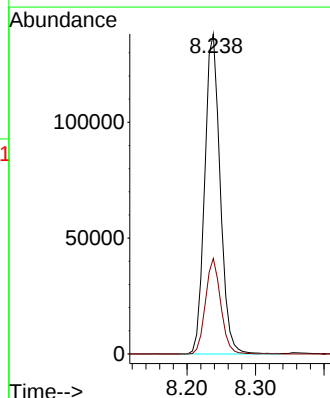
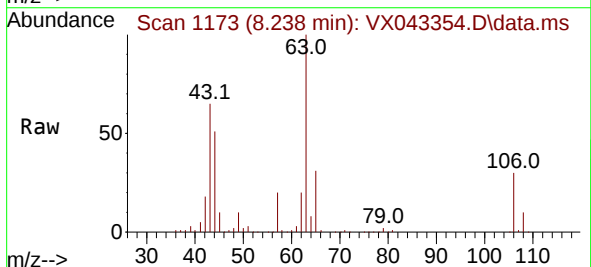
Manual Integrations
APPROVED

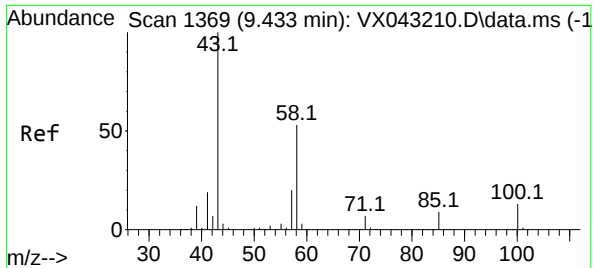
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 272.239 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 63 Resp: 217312
Ion Ratio Lower Upper
63 100
106 29.4 23.7 35.5





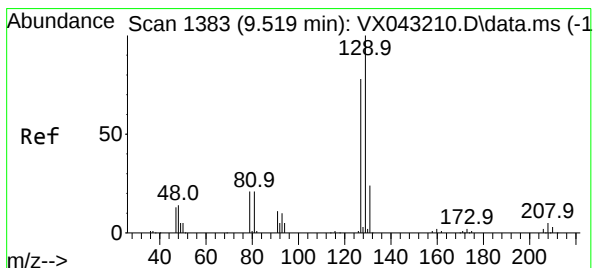
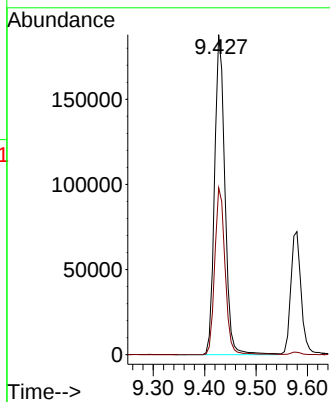
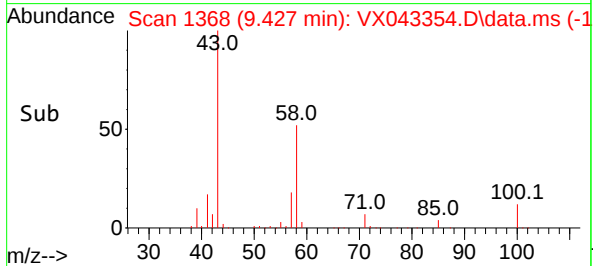
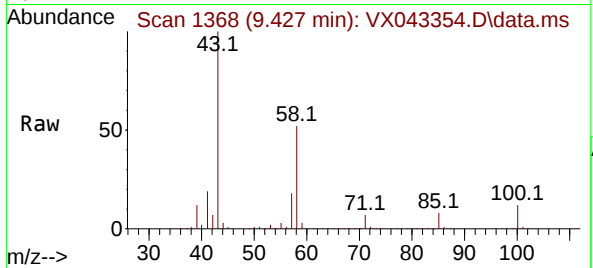
#59
2-Hexanone
Concen: 201.488 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 263280
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.3

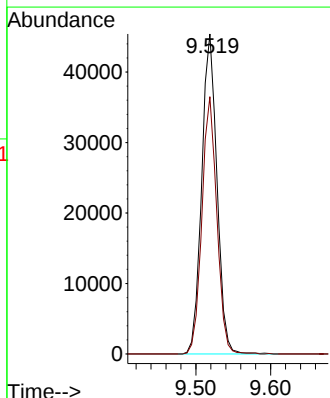
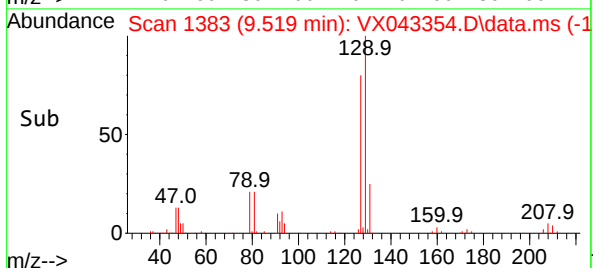
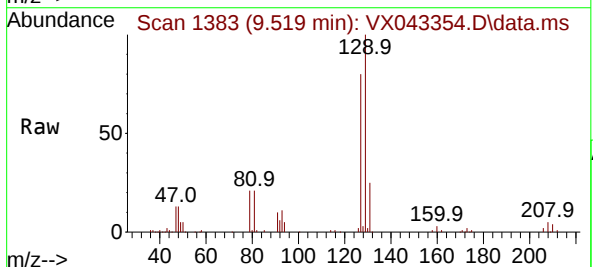
Manual Integrations
APPROVED

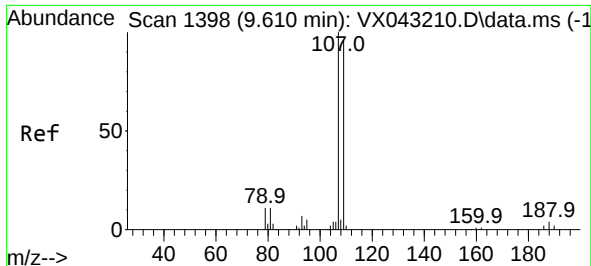
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 51.149 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:129 Resp: 64274
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9





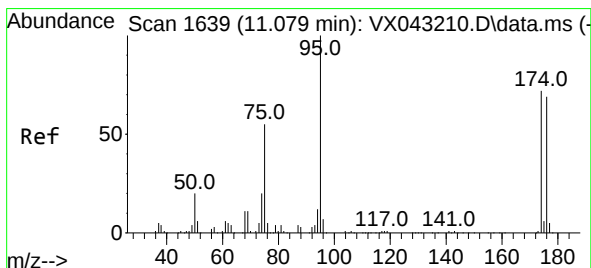
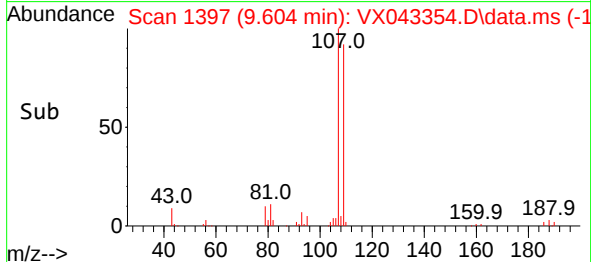
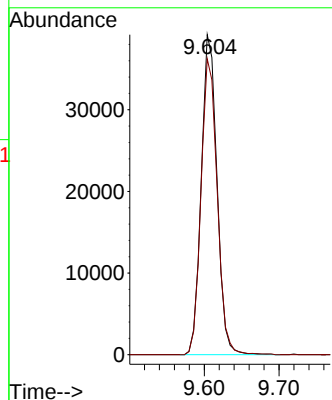
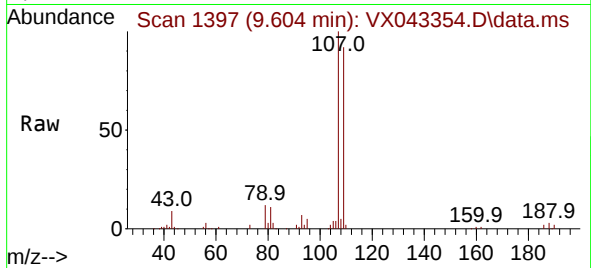
#61
1,2-Dibromoethane
Concen: 49.128 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5717
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1

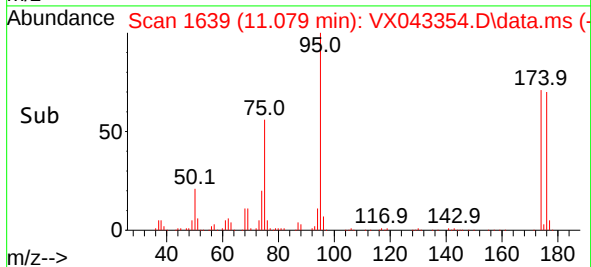
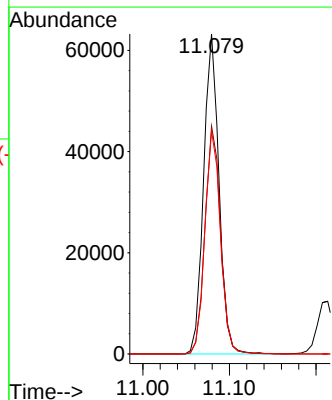
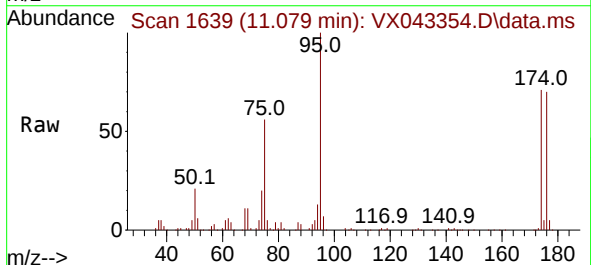
Manual Integrations
APPROVED

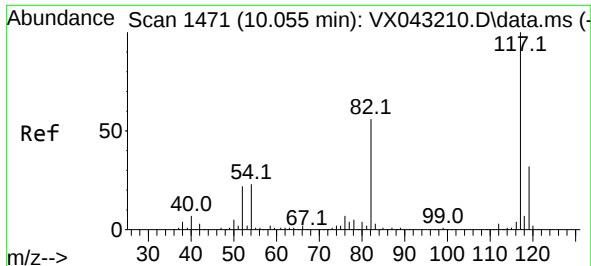
Reviewed By :John Carbone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

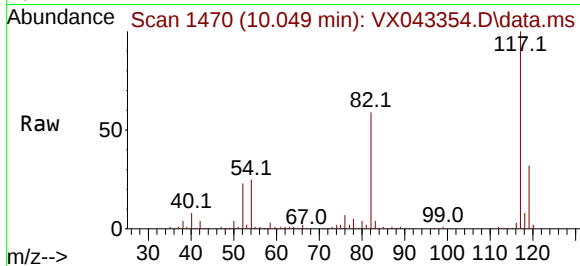
Tgt Ion: 95 Resp: 77807
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 70.9 0.0 143.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

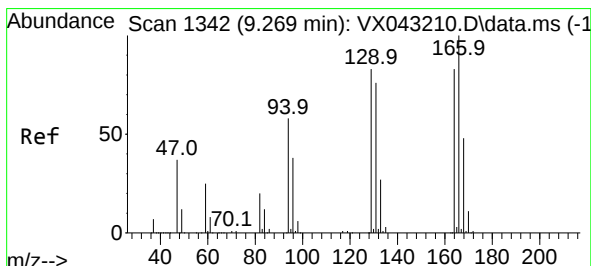
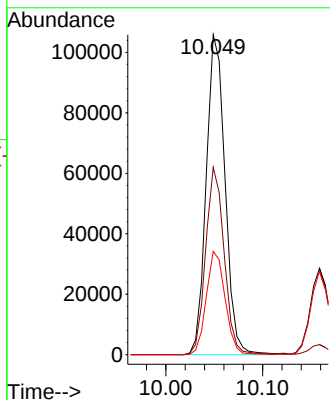
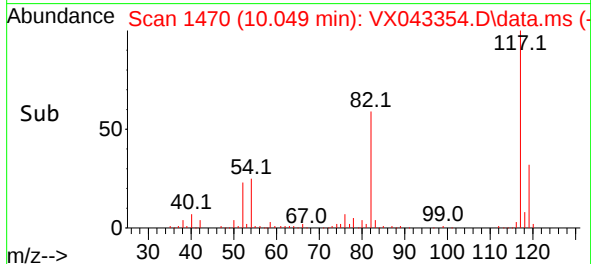
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 14308
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.6
119 32.3 25.3 37.9

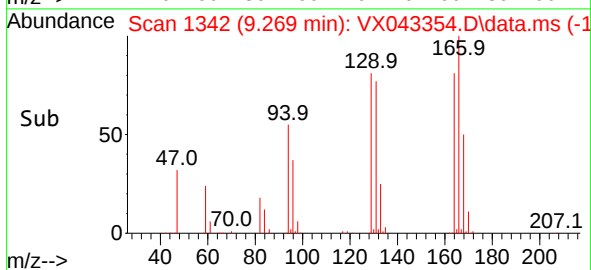
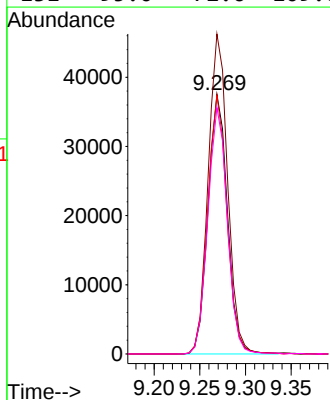
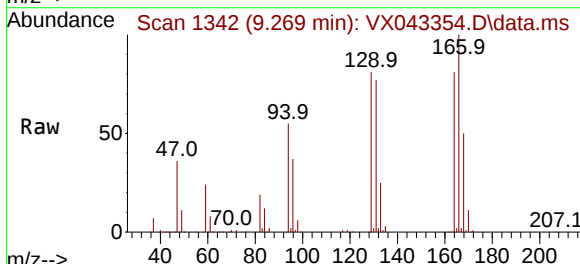
Manual Integrations
APPROVED

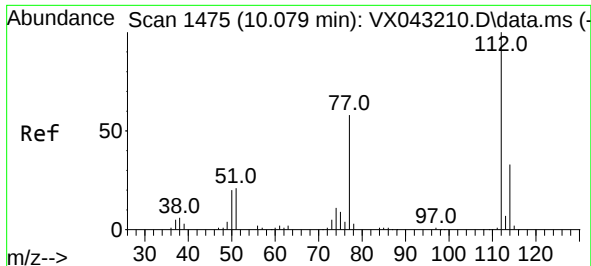
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#64
Tetrachloroethene
Concen: 55.970 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:164 Resp: 55568
Ion Ratio Lower Upper
164 100
166 123.3 96.0 144.0
129 99.7 79.4 119.0
131 95.0 72.6 109.0





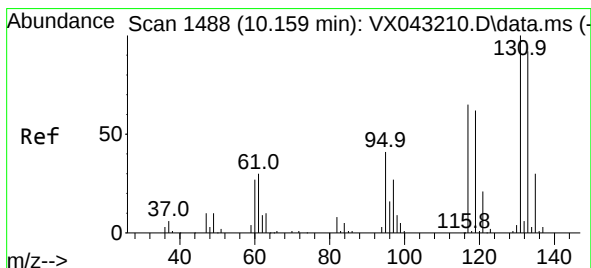
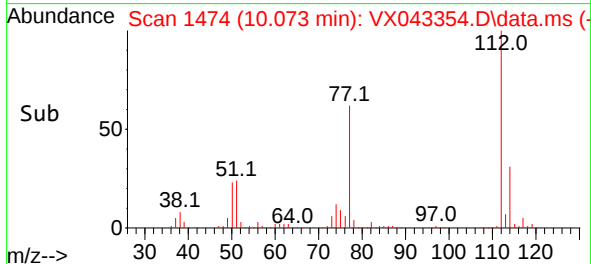
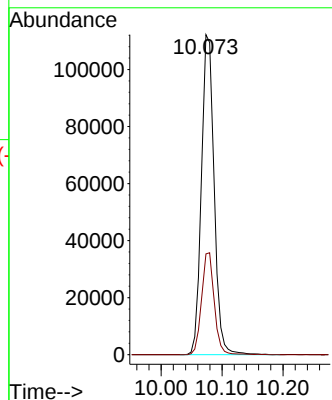
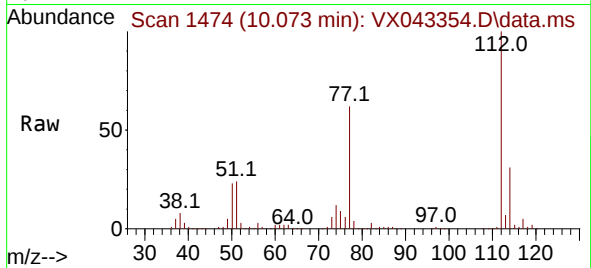
#65
Chlorobenzene
Concen: 53.104 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 163352
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

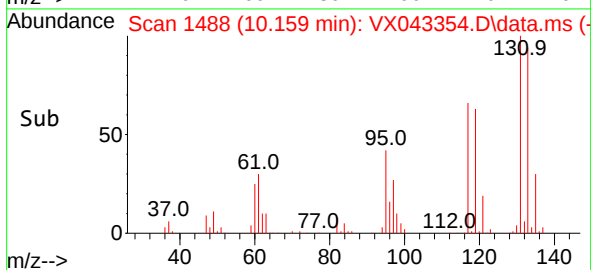
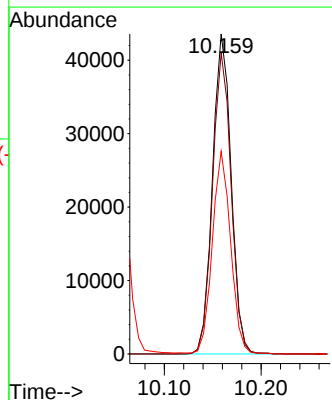
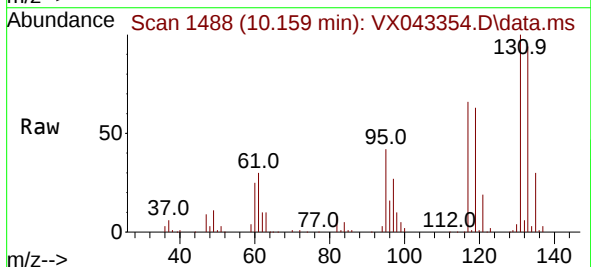
Manual Integrations
APPROVED

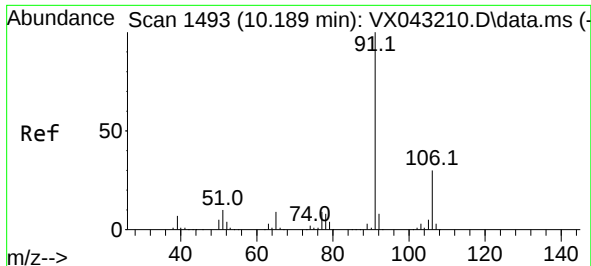
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.544 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

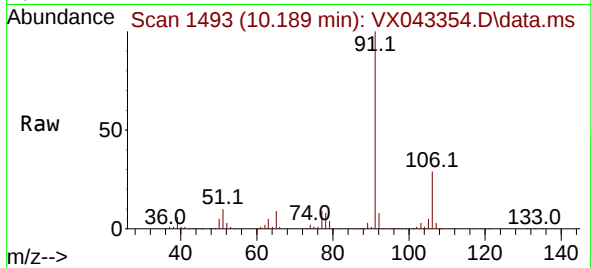
Tgt Ion:131 Resp: 58240
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.8
119 62.4 31.7 95.1





#67
Ethyl Benzene
Concen: 54.057 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

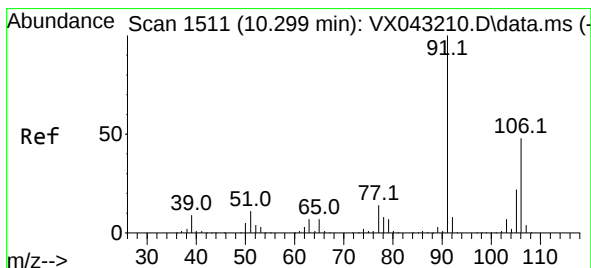
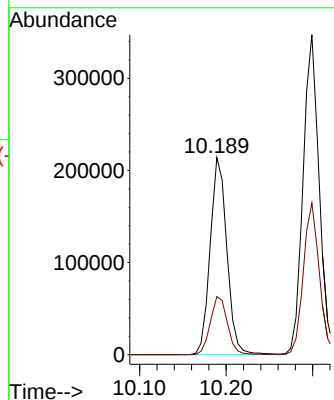
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 287410
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

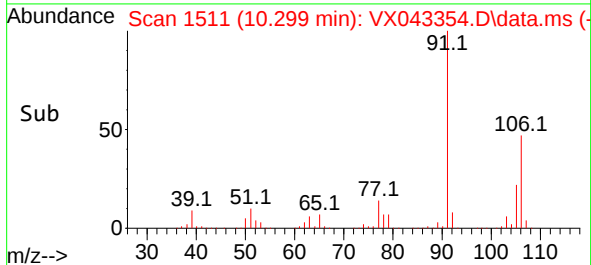
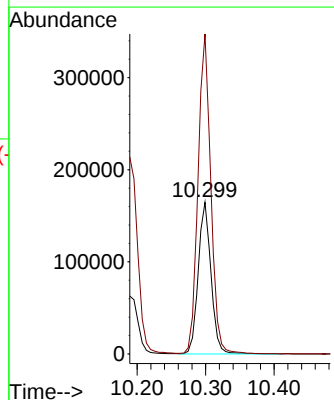
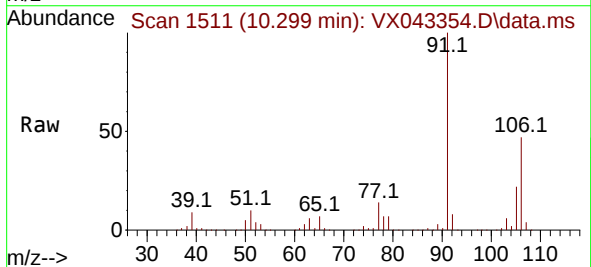
Manual Integrations
APPROVED

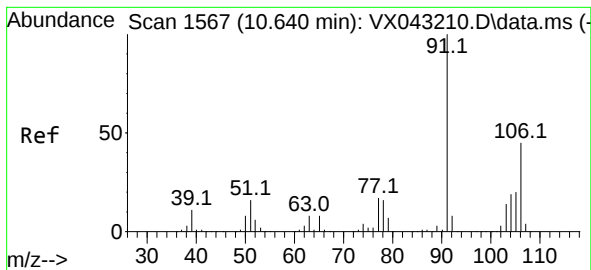
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 106.356 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:106 Resp: 213702
Ion Ratio Lower Upper
106 100
91 211.4 167.0 250.6





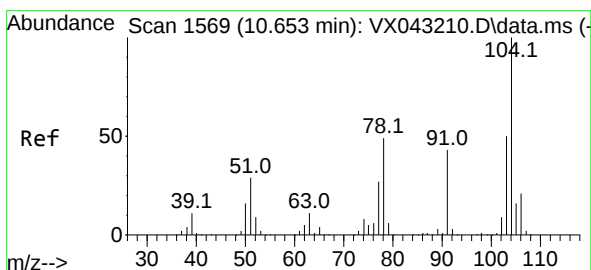
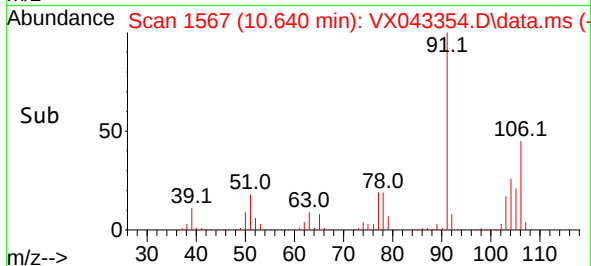
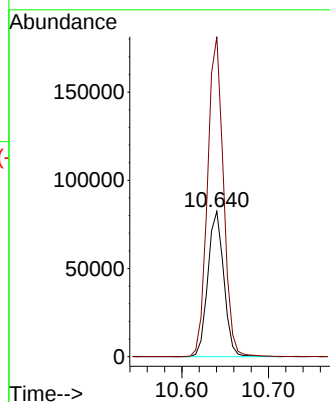
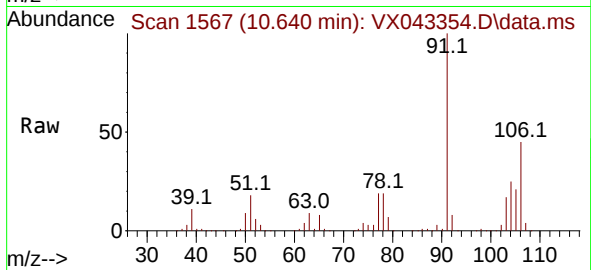
#69
o-Xylene
Concen: 52.760 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10534
Ion Ratio Lower Upper
106 100
91 220.1 111.6 334.8

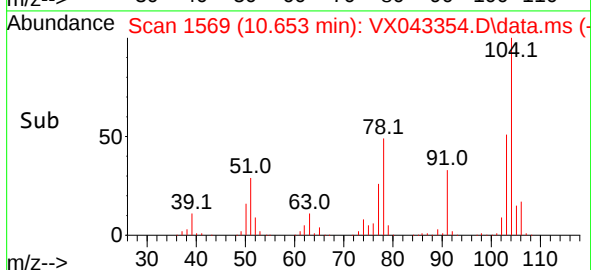
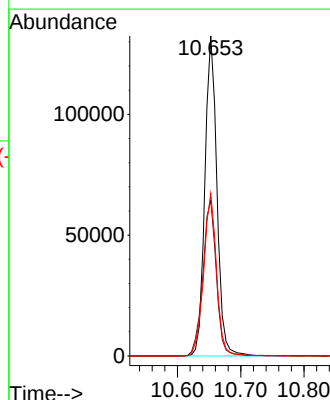
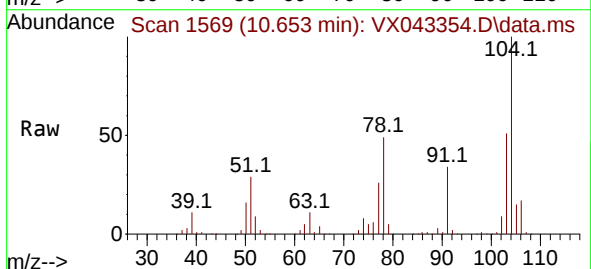
Manual Integrations
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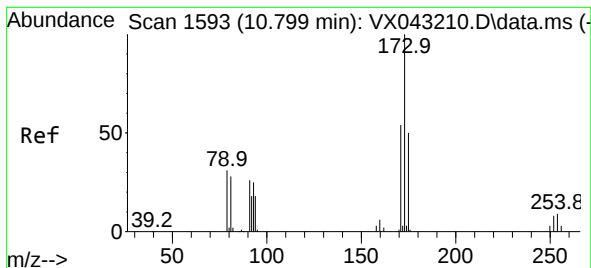
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 54.510 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:104 Resp: 176385
Ion Ratio Lower Upper
104 100
78 54.3 43.5 65.3
103 54.4 43.9 65.9





#71

Bromoform

Concen: 46.787 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

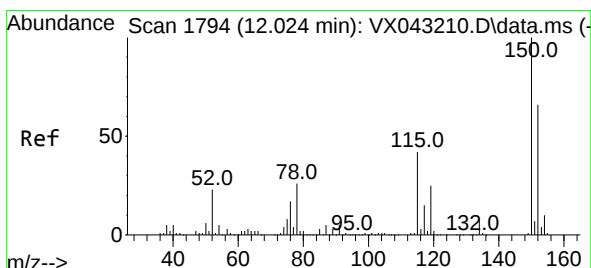
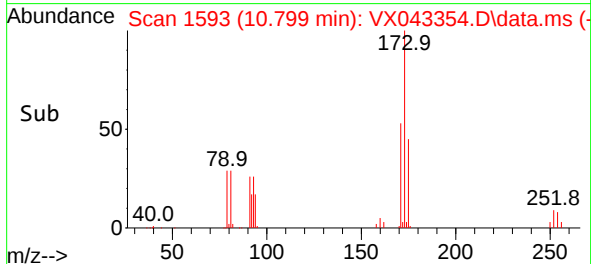
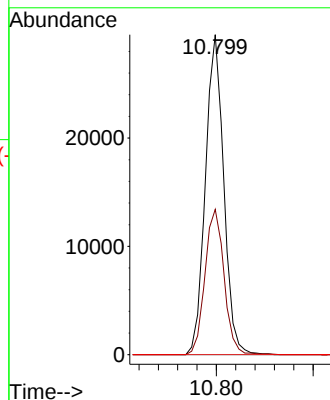
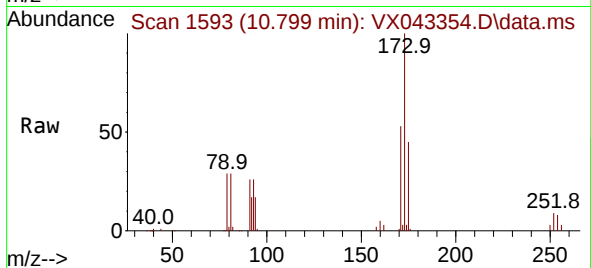
Tgt Ion:173	Resp:	38984
Ion Ratio	Lower	Upper
173	100	
175	47.4	24.3 72.9
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

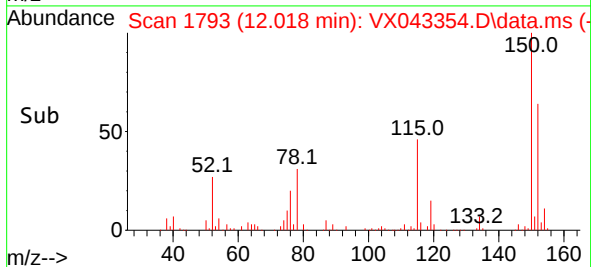
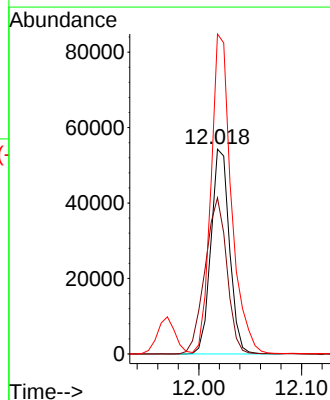
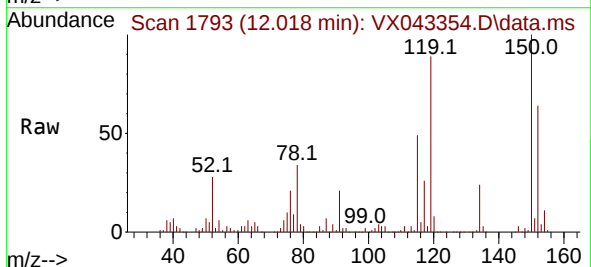
RT: 12.018 min Scan# 1793

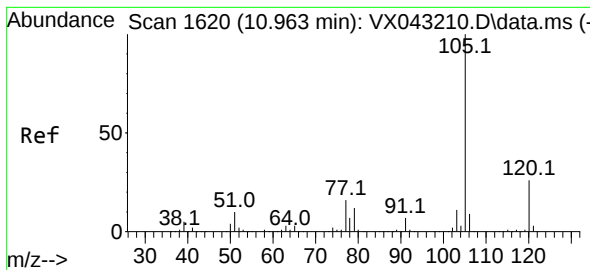
Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:152	Resp:	68053
Ion Ratio	Lower	Upper
152	100	
115	90.0	44.1 132.3
150	171.3	0.0 347.4





#73

Isopropylbenzene

Concen: 51.895 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 274570

Ion Ratio Lower Upper

105 100

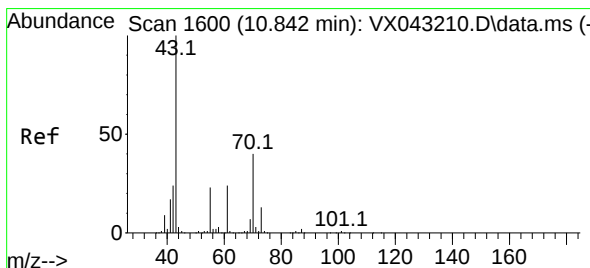
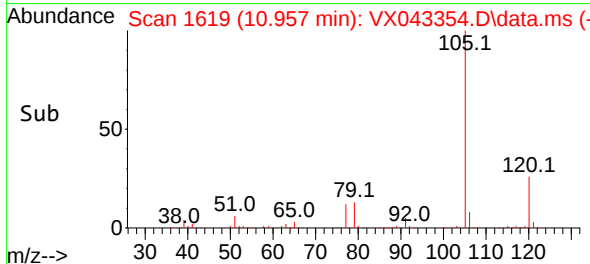
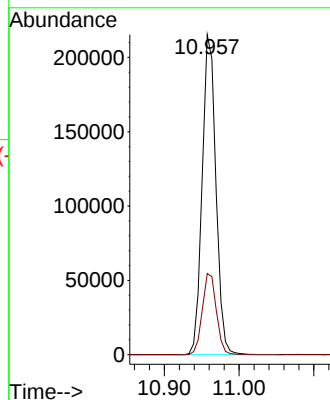
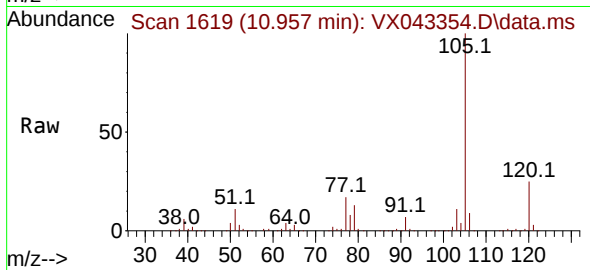
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#74

N-ethyl acetate

Concen: 44.543 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion: 43 Resp: 111877

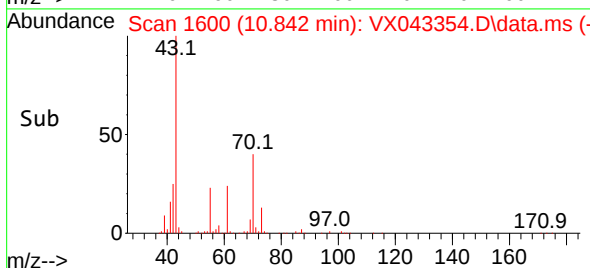
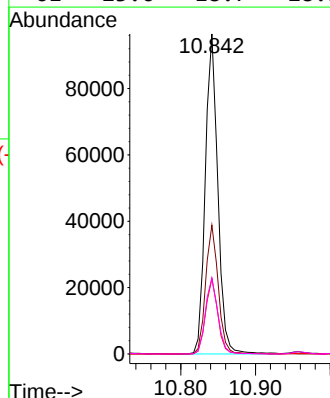
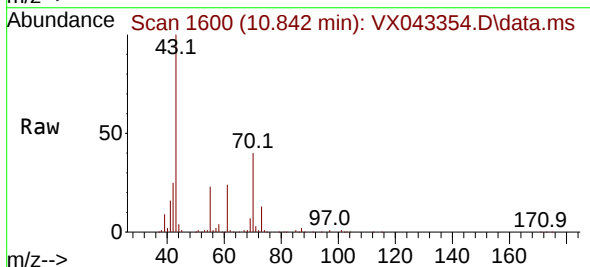
Ion Ratio Lower Upper

43 100

70 40.6 33.1 49.7

55 23.1 18.6 27.8

61 23.6 18.7 28.1





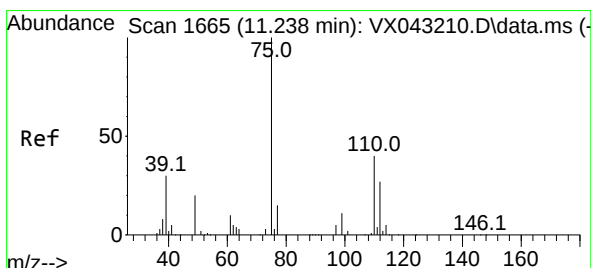
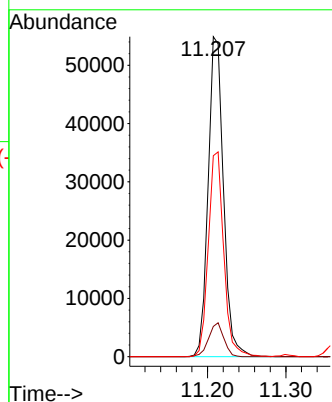
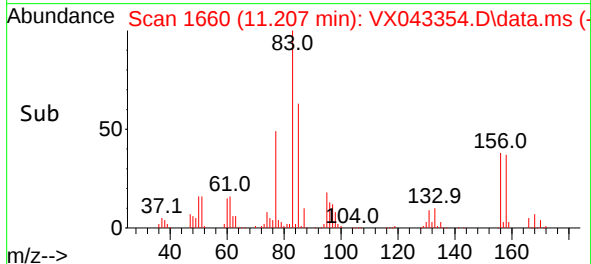
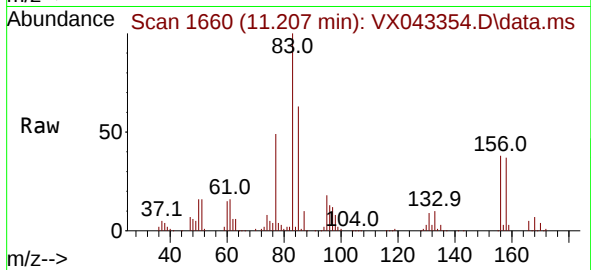
#75
1,1,2,2-Tetrachloroethane
Concen: 43.127 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 74335
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 64.4 31.9 95.5

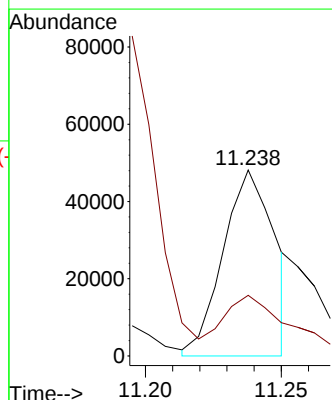
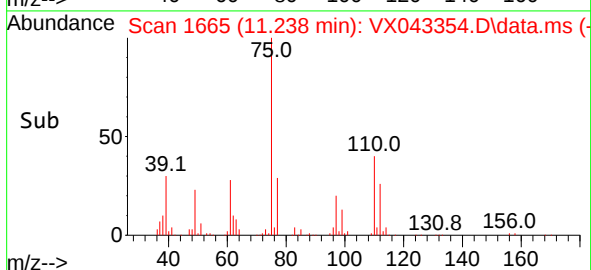
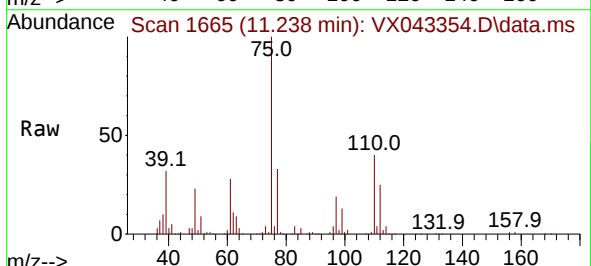
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 41.968 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 75 Resp: 63350
Ion Ratio Lower Upper
75 100
77 42.7 22.0 66.0





#77

Bromobenzene

Concen: 50.711 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

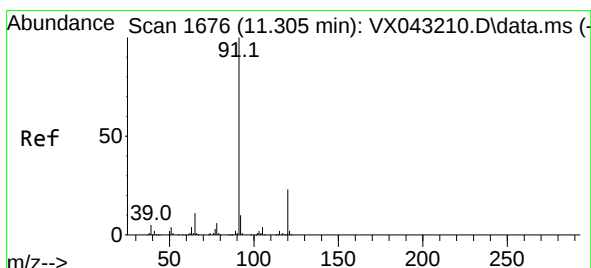
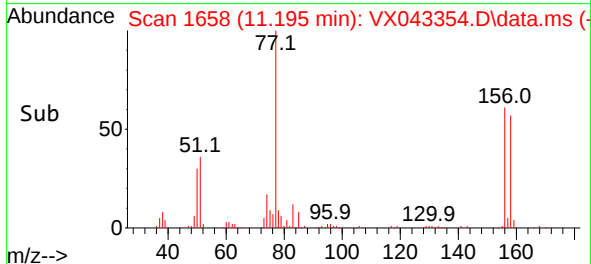
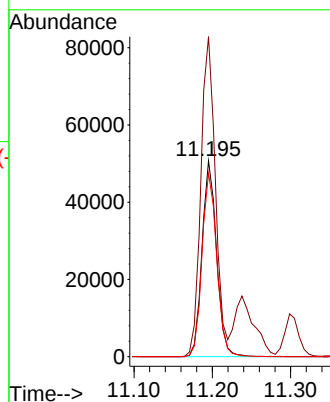
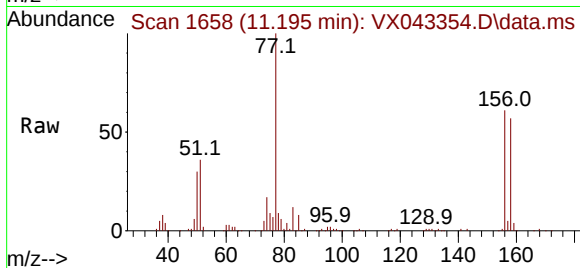
Tgt Ion:	156	Resp:	65294
Ion Ratio	Lower	Upper	
156	100		
77	163.7	82.0	245.8
158	94.6	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#78

n-propylbenzene

Concen: 54.877 ug/l

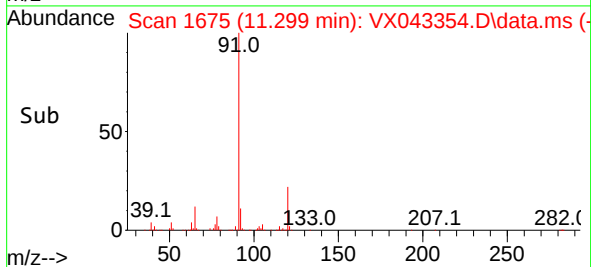
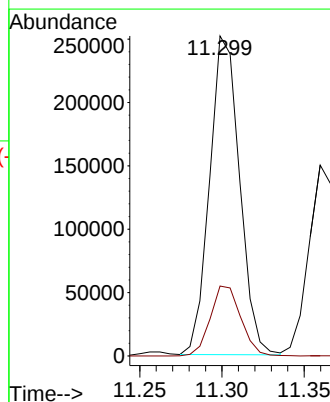
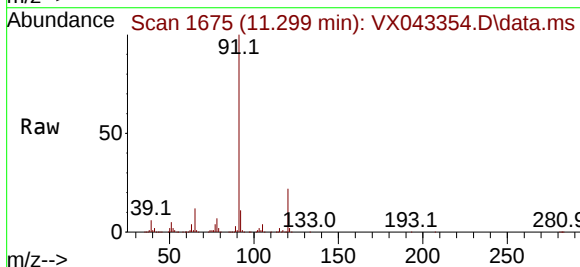
RT: 11.299 min Scan# 1675

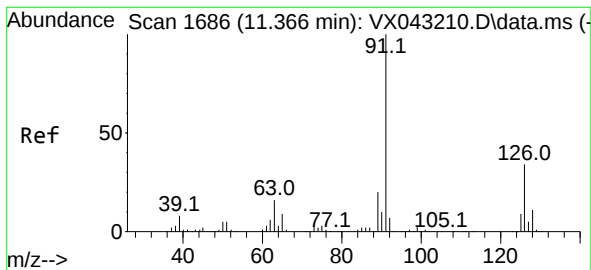
Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:	91	Resp:	318745
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.171 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 191080

Ion Ratio Lower Upper

91 100

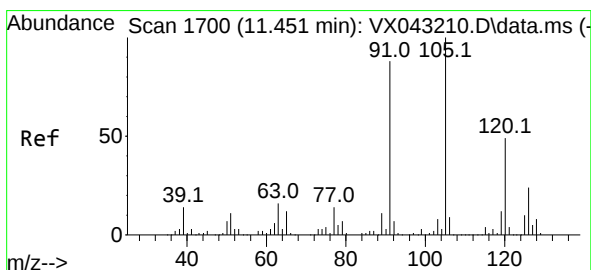
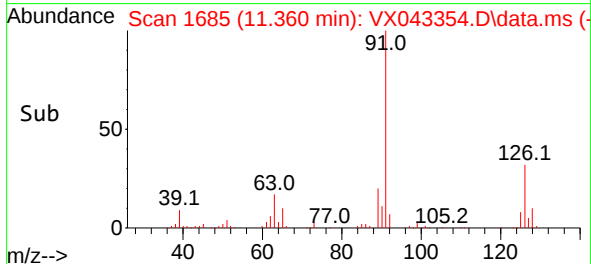
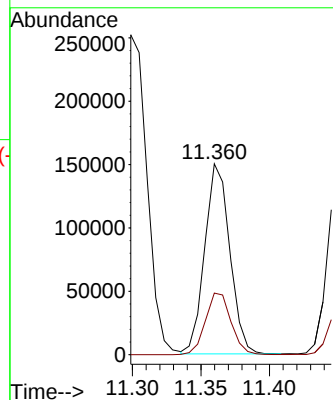
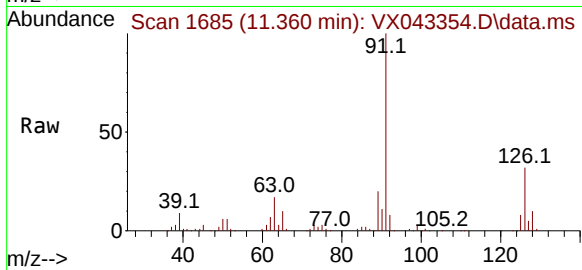
126 33.2 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.848 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043354.D

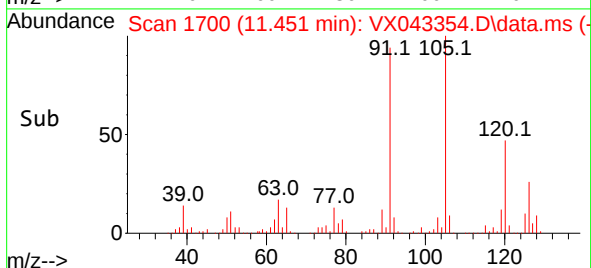
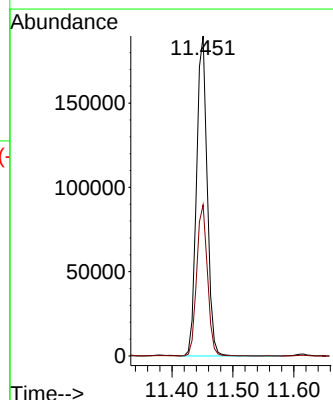
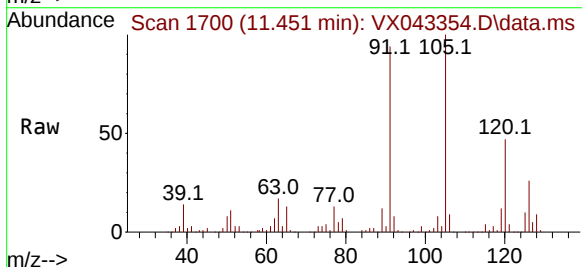
Acq: 10 Oct 2024 16:38

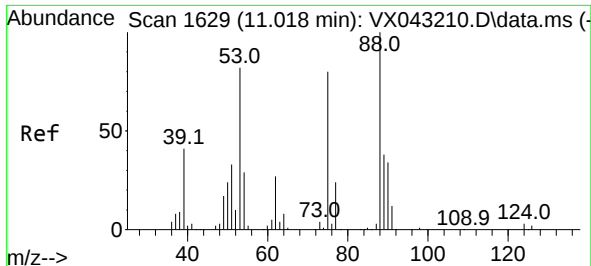
Tgt Ion:105 Resp: 230653

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.8





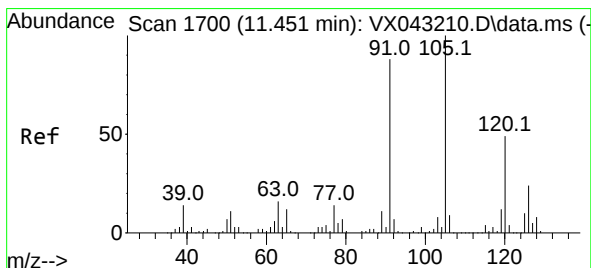
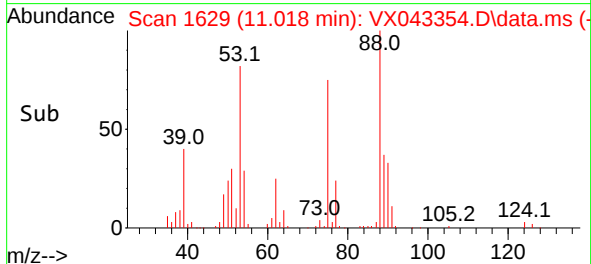
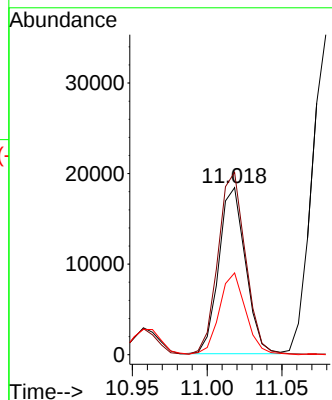
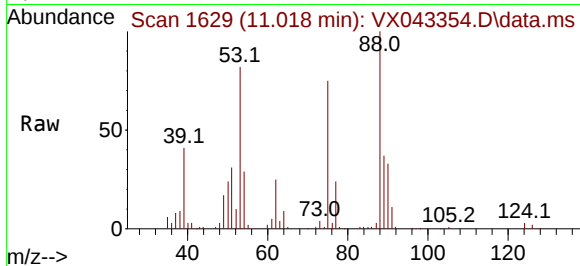
#81
trans-1,4-Dichloro-2-butene
Concen: 39.243 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2285
Ion Ratio Lower Upper
75 100
53 113.6 83.9 125.9
89 48.7 38.6 58.0

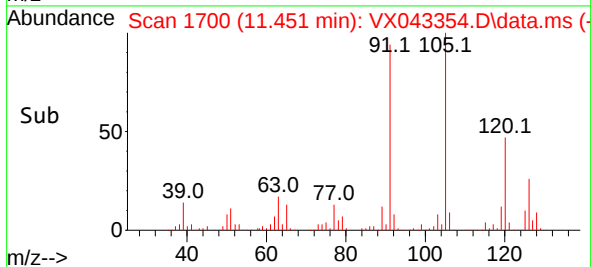
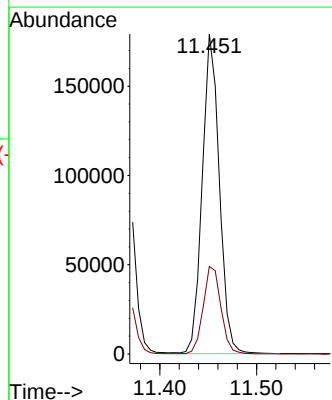
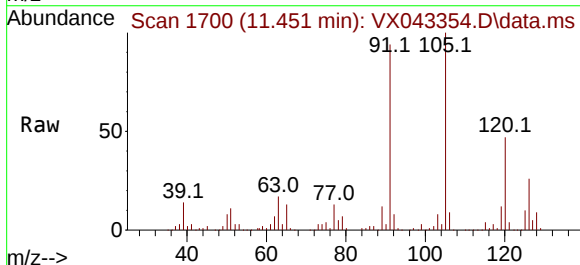
Manual Integrations
APPROVED

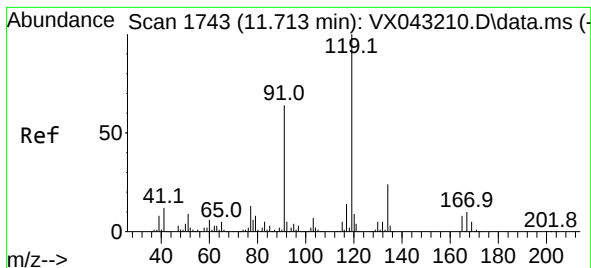
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 51.704 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion: 91 Resp: 219940
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83

tert-Butylbenzene

Concen: 51.306 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 230698

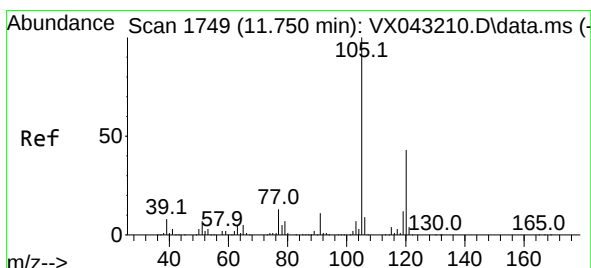
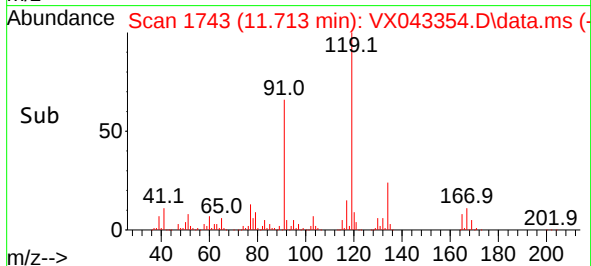
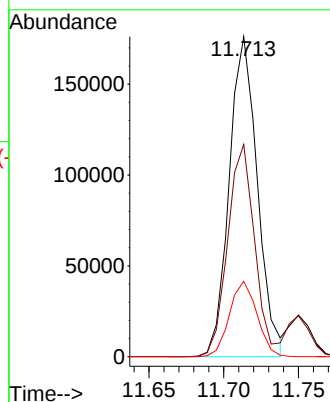
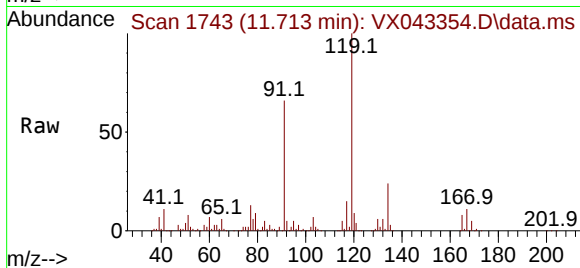
Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.0	93.0
134	23.0	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.229 ug/l

RT: 11.750 min Scan# 1749

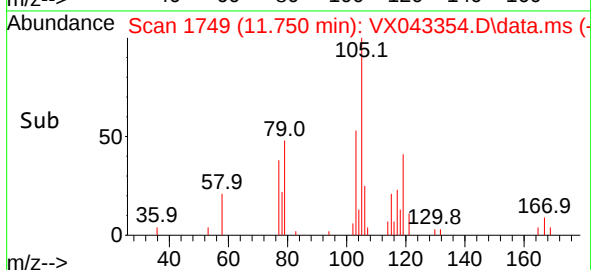
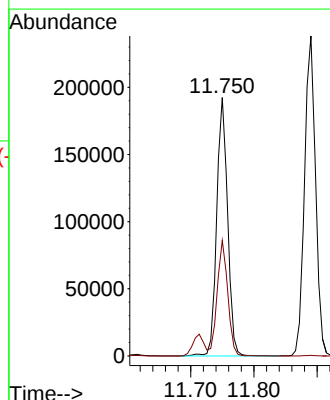
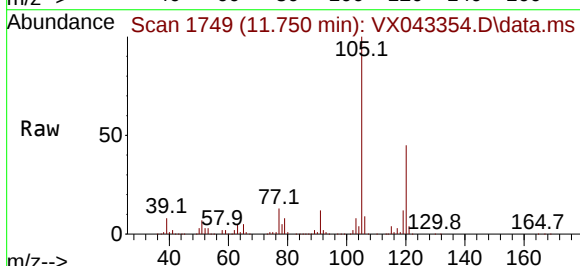
Delta R.T. 0.000 min

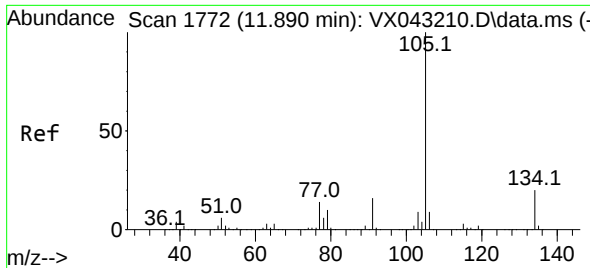
Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:105 Resp: 229361

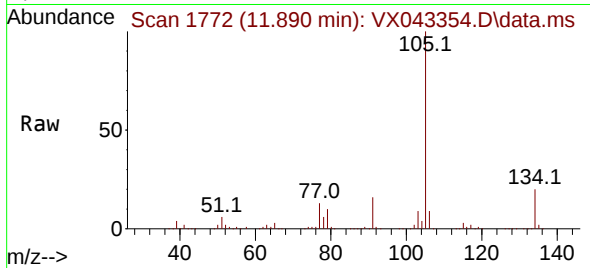
Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.814 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38

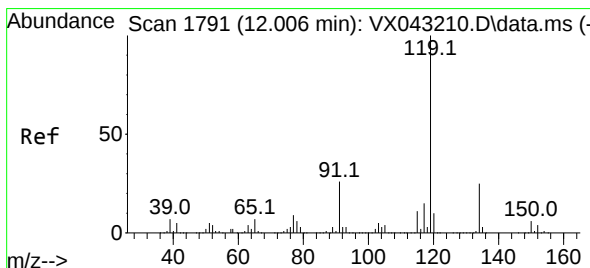
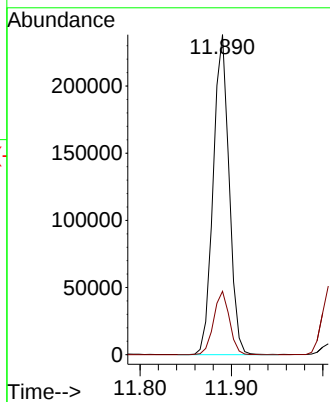
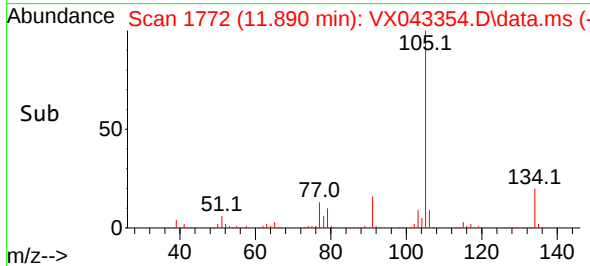
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



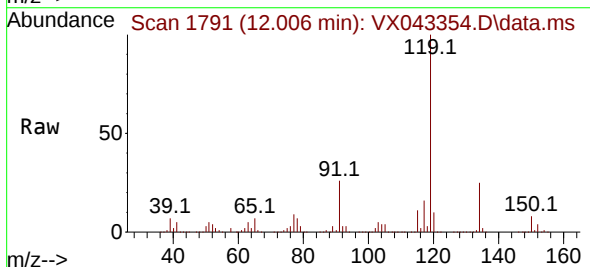
Tgt Ion:105 Resp: 28684
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Manual Integrations
 APPROVED

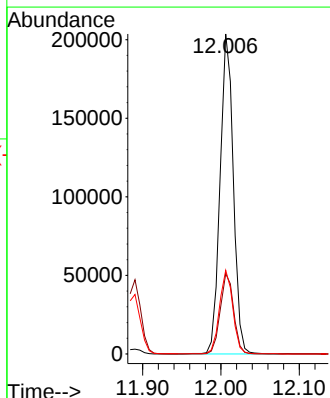
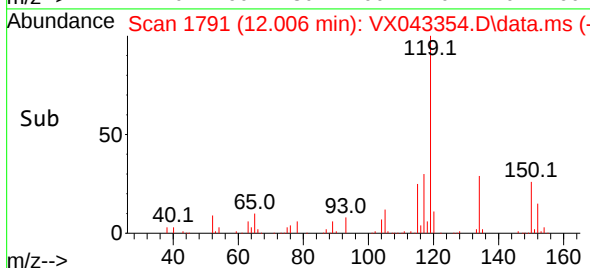
Reviewed By :John Carbone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

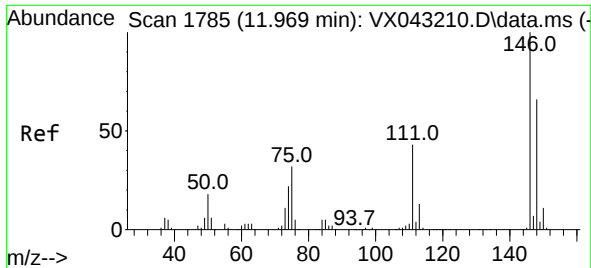


#86
 p-Isopropyltoluene
 Concen: 54.020 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043354.D
 Acq: 10 Oct 2024 16:38



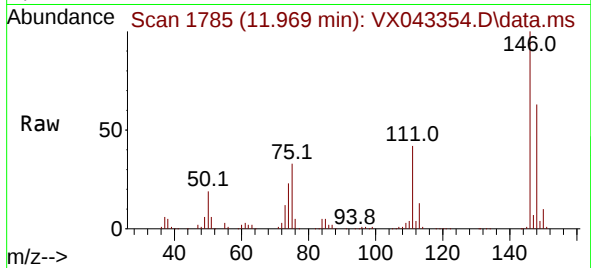
Tgt Ion:119 Resp: 240237
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 26.1 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 52.253 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

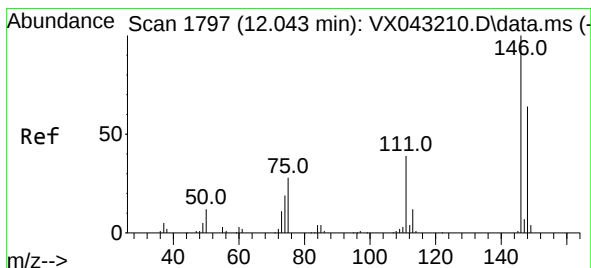
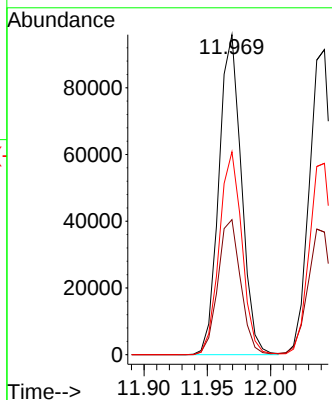
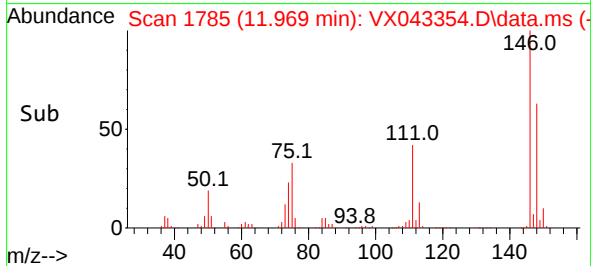
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



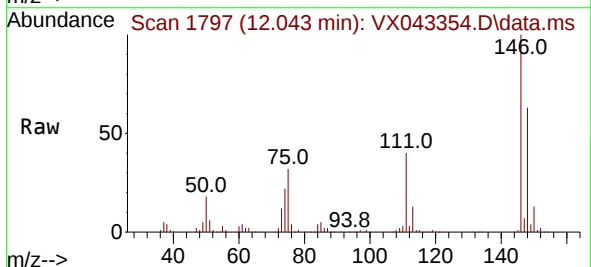
Tgt Ion:146 Resp: 118518
Ion Ratio Lower Upper
146 100
111 42.7 21.8 65.3
148 63.8 32.4 97.2

Manual Integrations
APPROVED

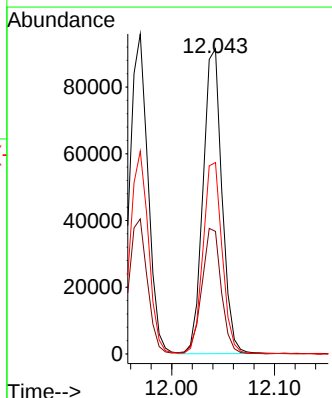
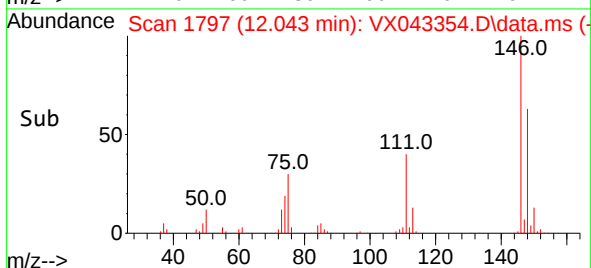
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

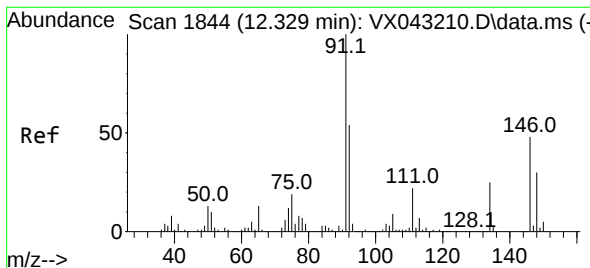


#88
1,4-Dichlorobenzene
Concen: 50.201 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38



Tgt Ion:146 Resp: 117390
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.5
148 63.5 32.4 97.0





#89

n-Butylbenzene

Concen: 56.424 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 210079

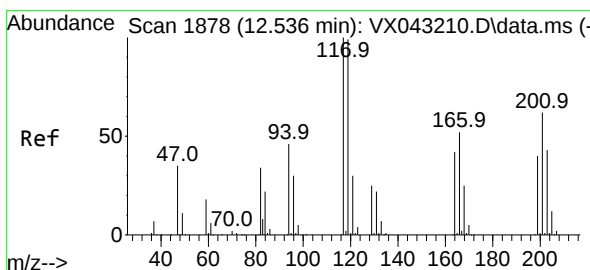
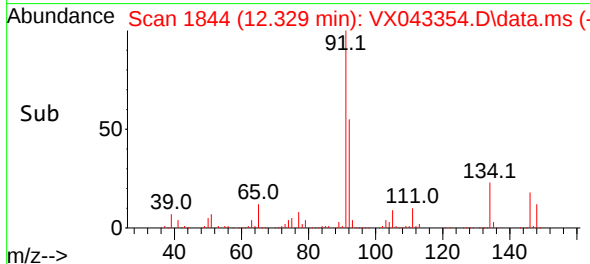
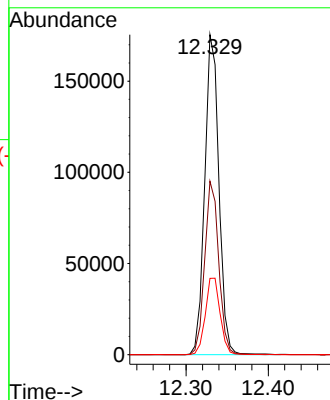
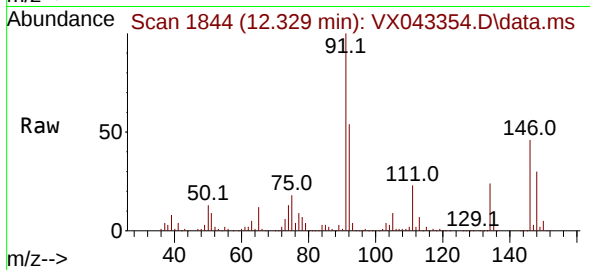
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	25.1	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#90

Hexachloroethane

Concen: 49.529 ug/l

RT: 12.536 min Scan# 1878

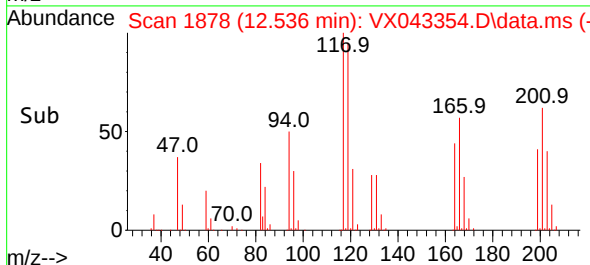
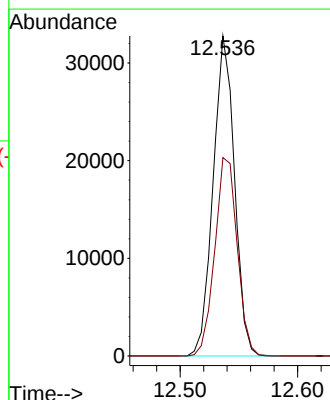
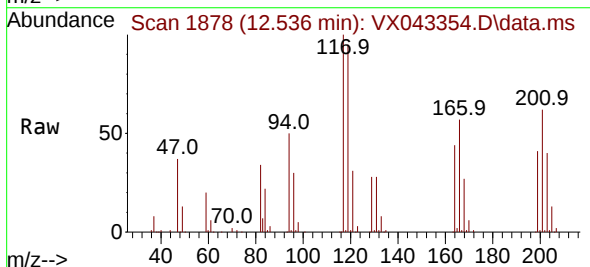
Delta R.T. 0.000 min

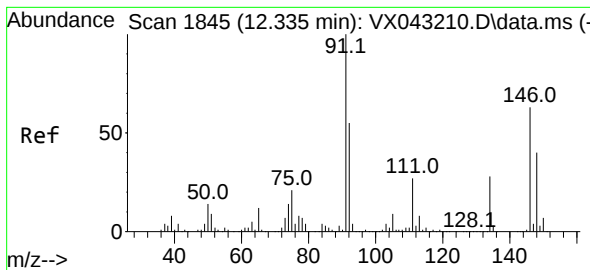
Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:117 Resp: 41309

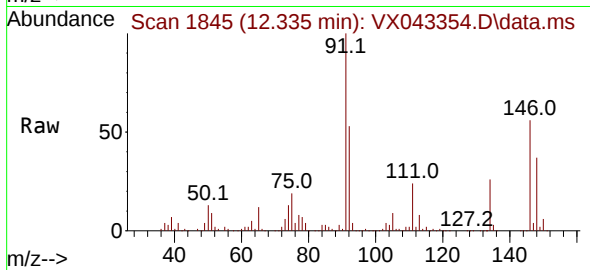
Ion	Ratio	Lower	Upper
117	100		
201	65.4	34.0	101.8





#91
1,2-Dichlorobenzene
Concen: 50.180 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

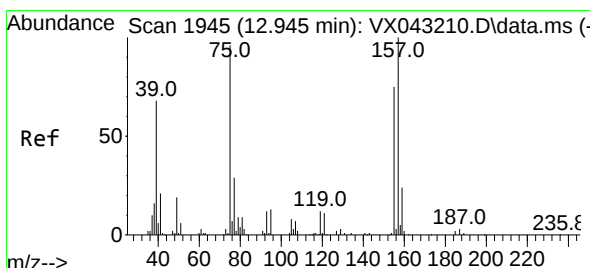
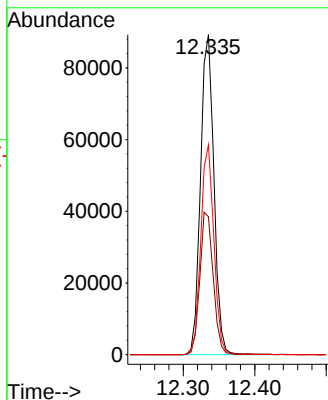
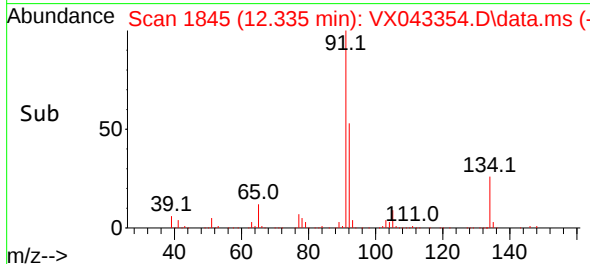
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



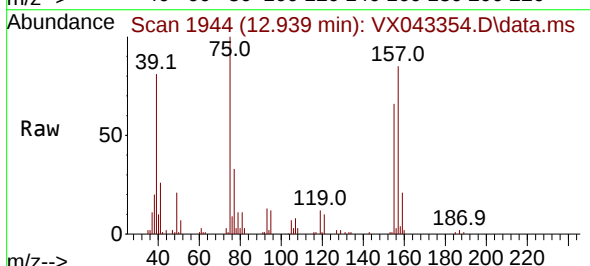
Tgt Ion:146 Resp: 116398
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 64.0 31.9 95.5

Manual Integrations
APPROVED

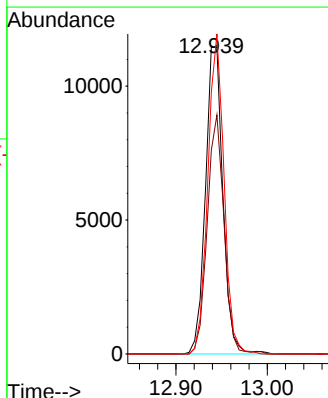
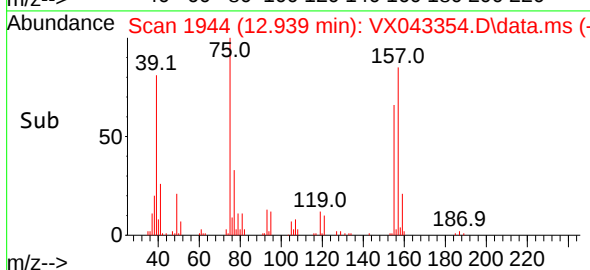
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

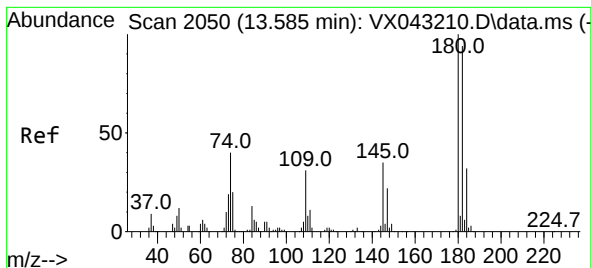


#92
1,2-Dibromo-3-Chloropropane
Concen: 36.157 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38



Tgt Ion: 75 Resp: 15216
Ion Ratio Lower Upper
75 100
155 74.3 38.8 116.4
157 96.7 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 52.877 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 70709

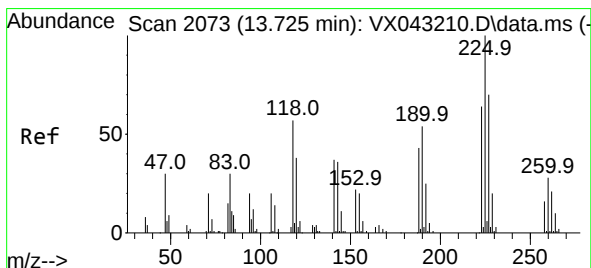
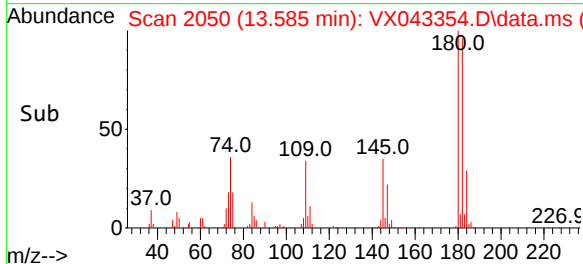
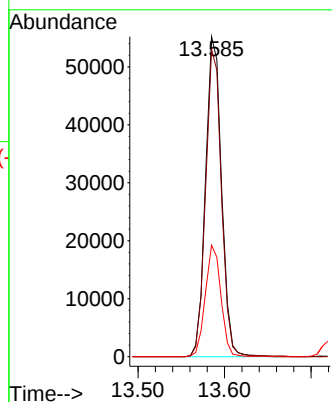
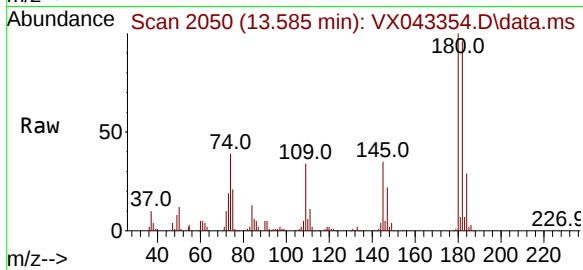
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	34.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#94

Hexachlorobutadiene

Concen: 55.022 ug/l

RT: 13.725 min Scan# 2073

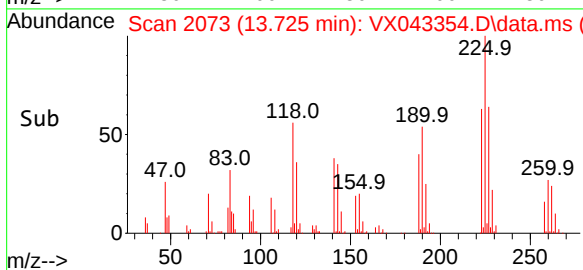
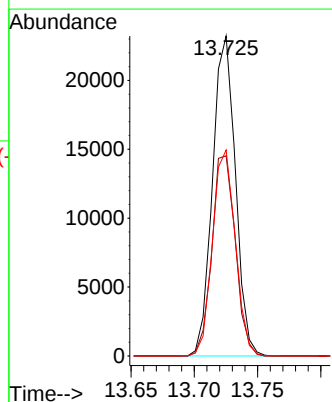
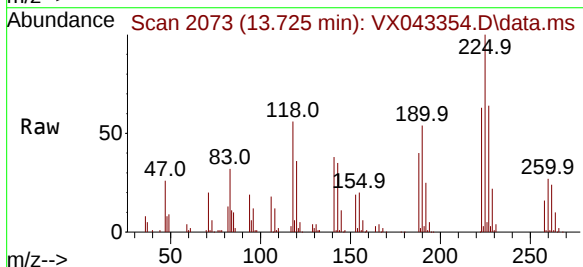
Delta R.T. 0.000 min

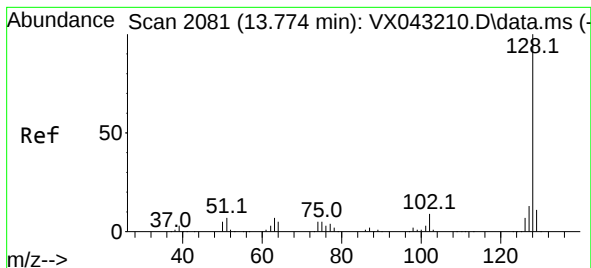
Lab File: VX043354.D

Acq: 10 Oct 2024 16:38

Tgt Ion:225 Resp: 29168

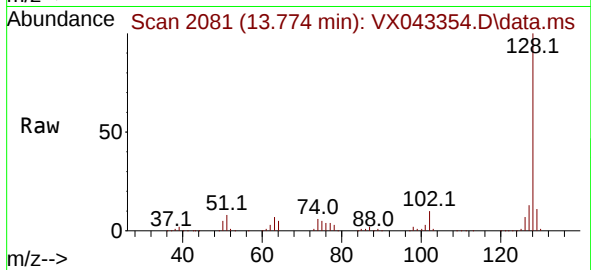
Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.8	92.4
227	64.2	32.2	96.6





#95
Naphthalene
Concen: 41.900 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

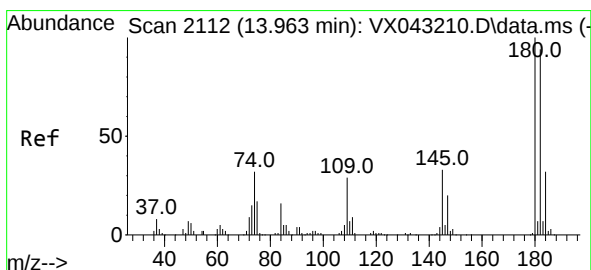
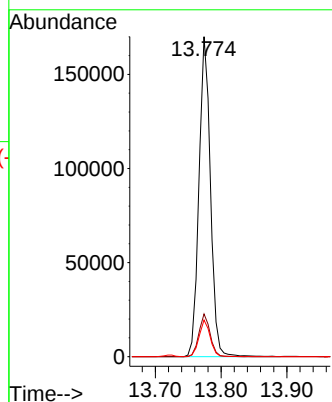
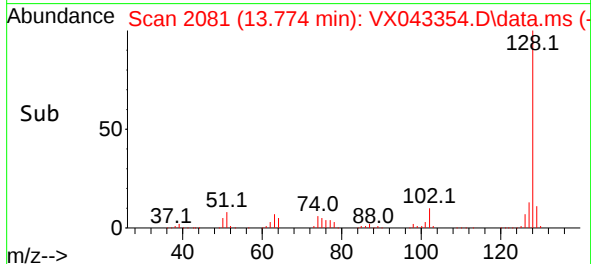
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 205970
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.970 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX043354.D
Acq: 10 Oct 2024 16:38

Tgt Ion:180 Resp: 70324
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.3
145 35.1 17.2 51.6

