

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041394.D
 Acq On : 07 May 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 01:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	220500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	264959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	137148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123579	51.482	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.379	113	101570	56.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.140%			
50) Toluene-d8	8.647	98	299727	52.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.480%			
62) 4-Bromofluorobenzene	11.079	95	116128	52.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	90144	49.752	ug/l	98
3) Chloromethane	1.301	50	80631	43.006	ug/l	99
4) Vinyl Chloride	1.374	62	86909	48.626	ug/l	99
5) Bromomethane	1.599	94	51060	45.571	ug/l	97
6) Chloroethane	1.666	64	45403	54.713	ug/l	96
7) Trichlorofluoromethane	1.868	101	156437	50.759	ug/l	100
8) Diethyl Ether	2.136	74	52420	48.257	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	82413	47.578	ug/l	89
10) Methyl Iodide	2.441	142	71514	38.360	ug/l	91
11) Tert butyl alcohol	3.008	59	107785	224.339	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	76323	44.667	ug/l	90
13) Acrolein	2.239	56	79043	207.377	ug/l	97
14) Allyl chloride	2.654	41	130182	45.348	ug/l	95
15) Acrylonitrile	3.069	53	281834	257.020	ug/l	98
16) Acetone	2.392	43	262379	248.185	ug/l	97
17) Carbon Disulfide	2.502	76	162454	40.445	ug/l	100
18) Methyl Acetate	2.709	43	108715	44.267	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	312429	50.158	ug/l	99
20) Methylene Chloride	2.782	84	85781	41.163	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	92158	48.262	ug/l	91
22) Diisopropyl ether	3.764	45	314879	51.755	ug/l	87
23) Vinyl Acetate	3.721	43	1449102	266.264	ug/l	96
24) 1,1-Dichloroethane	3.605	63	173769	50.556	ug/l	97
25) 2-Butanone	4.562	43	429303	276.322	ug/l	96
26) 2,2-Dichloropropane	4.471	77	150274	52.291	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	116872	51.692	ug/l	91
28) Bromochloromethane	4.898	49	59830	48.774	ug/l	# 78
29) Tetrahydrofuran	5.007	42	259736	255.628	ug/l	95
30) Chloroform	5.087	83	183789	51.396	ug/l	96
31) Cyclohexane	5.458	56	145053	50.068	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	166486	51.173	ug/l	98
36) 1,1-Dichloropropene	5.684	75	123023	57.299	ug/l	96
37) Ethyl Acetate	4.715	43	160865	60.048	ug/l	100
38) Carbon Tetrachloride	5.672	117	145499	59.155	ug/l	98
39) Methylcyclohexane	7.373	83	130925	51.906	ug/l	94
40) Benzene	6.031	78	375084	56.670	ug/l	100

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Manual Integrations
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Quant Time: May 08 01:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	86062	62.418	ug/l	97
42) 1,2-Dichloroethane	6.080	62	142418	58.712	ug/l	97
43) Isopropyl Acetate	6.342	43	225668	56.026	ug/l	98
44) Trichloroethene	7.123	130	101890	58.298	ug/l	86
45) 1,2-Dichloropropane	7.428	63	77445	52.370	ug/l	99
46) Dibromomethane	7.574	93	60859	51.696	ug/l #	79
47) Bromodichloromethane	7.818	83	118623	56.545	ug/l	97
48) Methyl methacrylate	7.690	41	100826	54.606	ug/l	94
49) 1,4-Dioxane	7.665	88	33815	847.052	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	683646	282.853	ug/l	99
52) Toluene	8.714	92	210195	51.914	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	117524	56.542	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	127575	55.316	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	85001	54.514	ug/l	98
56) Ethyl methacrylate	9.116	69	138006	57.189	ug/l	97
57) 1,3-Dichloropropane	9.305	76	137437	52.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	313120	267.604	ug/l	92
59) 2-Hexanone	9.433	43	546477	282.754	ug/l	97
60) Dibromochloromethane	9.519	129	102252	55.705	ug/l	100
61) 1,2-Dibromoethane	9.610	107	91128	53.123	ug/l	100
64) Tetrachloroethene	9.269	164	87614	51.032	ug/l	93
65) Chlorobenzene	10.080	112	245664	51.042	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	88893	52.271	ug/l	99
67) Ethyl Benzene	10.189	91	404553	50.947	ug/l	99
68) m/p-Xylenes	10.299	106	323864	101.847	ug/l	92
69) o-Xylene	10.640	106	160254	52.634	ug/l	93
70) Styrene	10.653	104	274251	54.893	ug/l	95
71) Bromoform	10.799	173	84428	55.474	ug/l #	99
73) Isopropylbenzene	10.957	105	417473	49.867	ug/l	97
74) N-amyl acetate	10.842	43	190919	52.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	140802	51.327	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114626m	51.285	ug/l	
77) Bromobenzene	11.195	156	120835	51.140	ug/l	78
78) n-propylbenzene	11.305	91	468308	53.260	ug/l	96
79) 2-Chlorotoluene	11.360	91	284159	50.149	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	351380	51.487	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	42994	52.397	ug/l	95
82) 4-Chlorotoluene	11.451	91	329510	51.224	ug/l	91
83) tert-Butylbenzene	11.713	119	381503	52.202	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	353707	51.509	ug/l	93
85) sec-Butylbenzene	11.890	105	449116	53.624	ug/l	95
86) p-Isopropyltoluene	12.006	119	401394	53.364	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	220282	51.291	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	223107	50.422	ug/l	95
89) n-Butylbenzene	12.329	91	320982	53.069	ug/l	97
90) Hexachloroethane	12.536	117	67388	53.571	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	221888	48.914	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32405	51.120	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	163958	51.707	ug/l	95
94) Hexachlorobutadiene	13.725	225	81090	51.211	ug/l	98
95) Naphthalene	13.774	128	478327	50.904	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	167566	51.707	ug/l	95

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

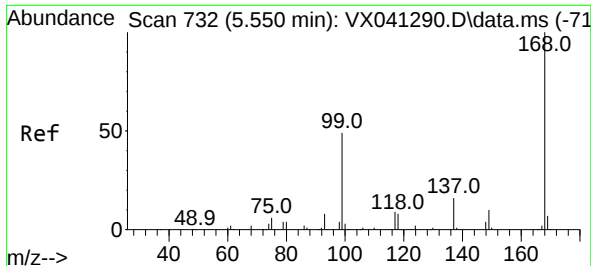
Quant Time: May 08 01:54:37 2024
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Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

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

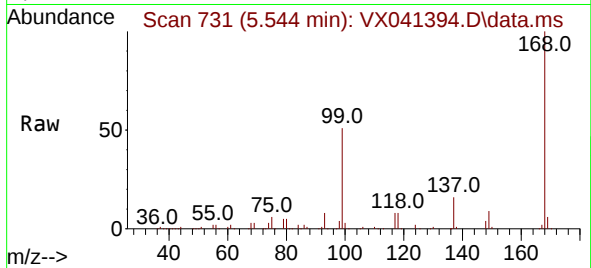
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

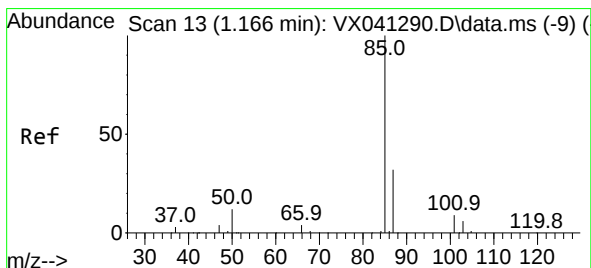
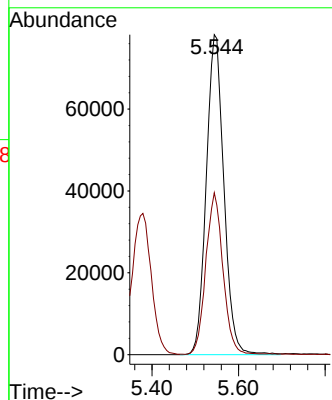
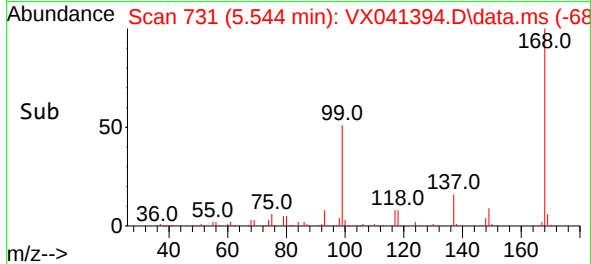
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 220500
Ion Ratio Lower Upper
168 100
99 50.4 56.6 85.0

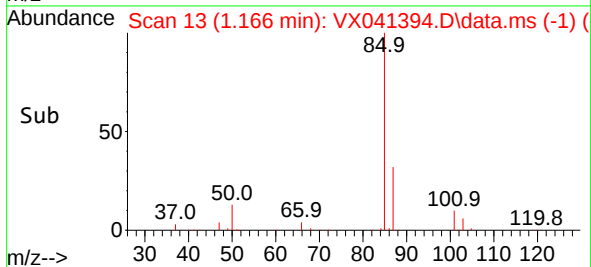
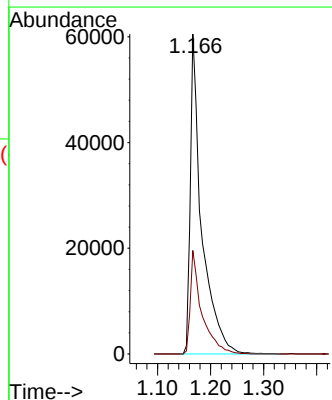
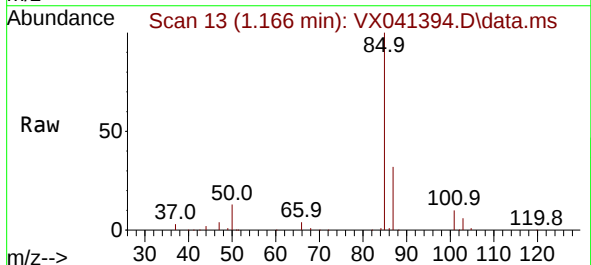
Manual Integrations
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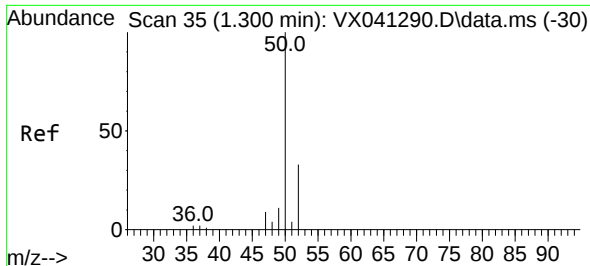
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#2
Dichlorodifluoromethane
Concen: 49.752 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 85 Resp: 90144
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





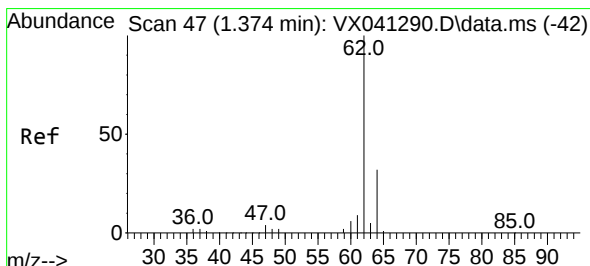
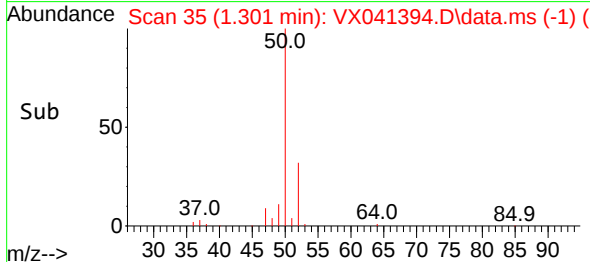
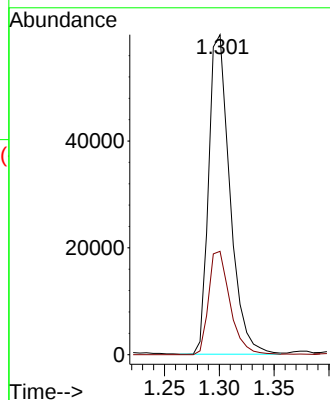
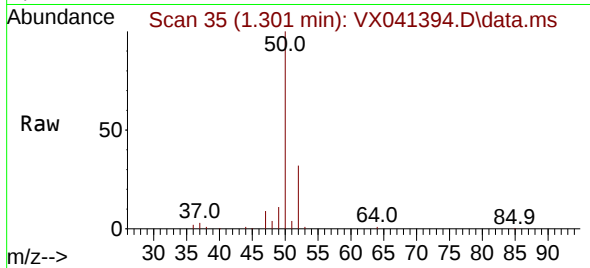
#3
Chloromethane
Concen: 43.006 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 8063
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

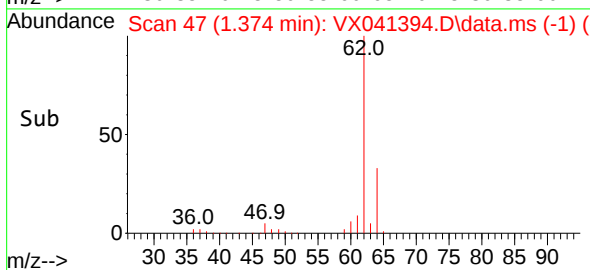
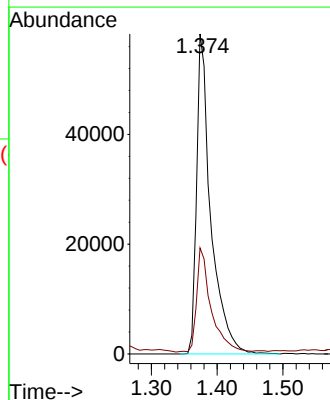
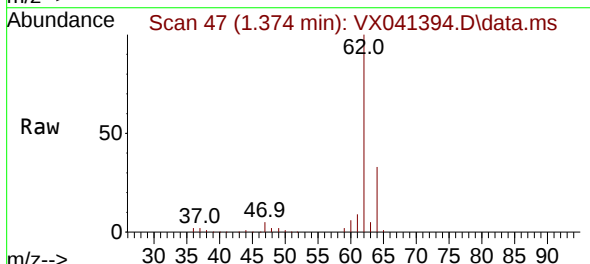
Manual Integrations
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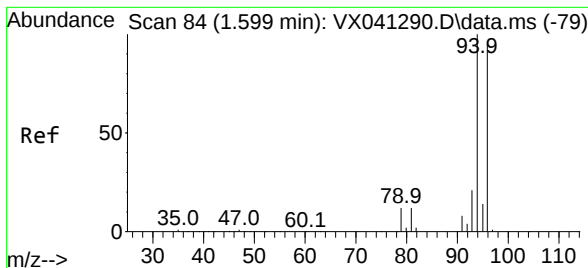
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#4
Vinyl Chloride
Concen: 48.626 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

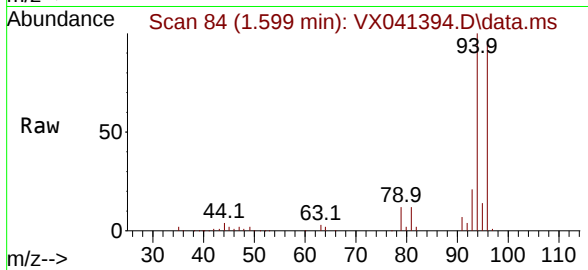
Tgt Ion: 62 Resp: 86909
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
 Bromomethane
 Concen: 45.571 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041394.D
 Acq: 07 May 2024 08:46

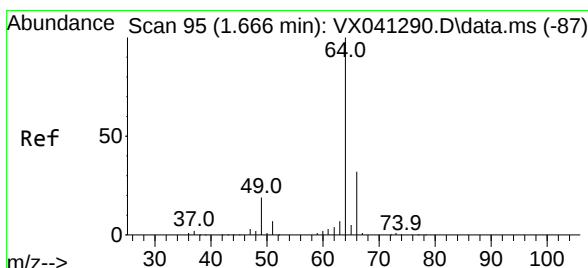
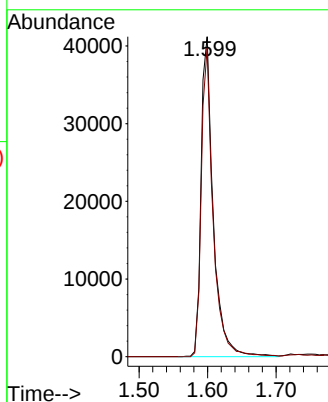
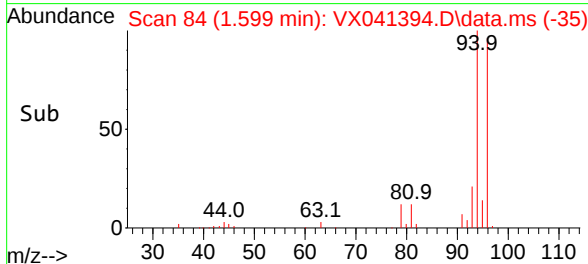
Instrument :
 MSVOA_X
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Tgt Ion: 94 Resp: 51060
 Ion Ratio Lower Upper
 94 100
 96 96.4 74.6 111.8

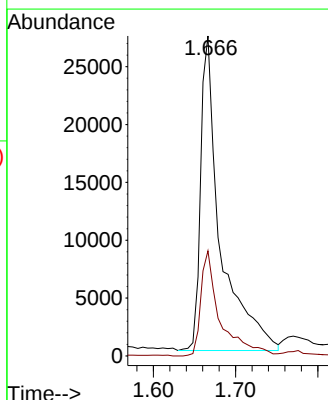
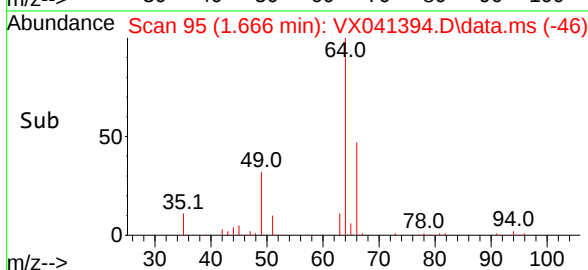
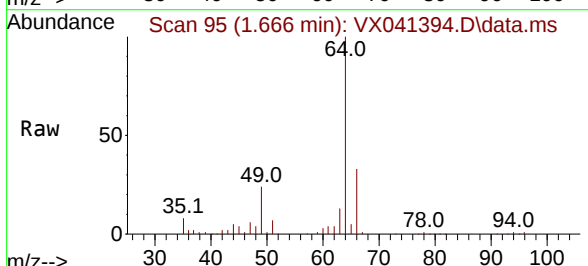
Manual Integrations
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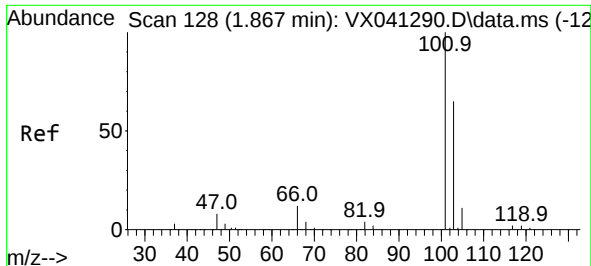
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#6
 Chloroethane
 Concen: 54.713 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX041394.D
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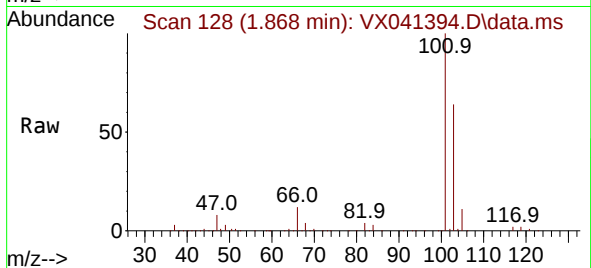
Tgt Ion: 64 Resp: 45403
 Ion Ratio Lower Upper
 64 100
 66 33.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.759 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

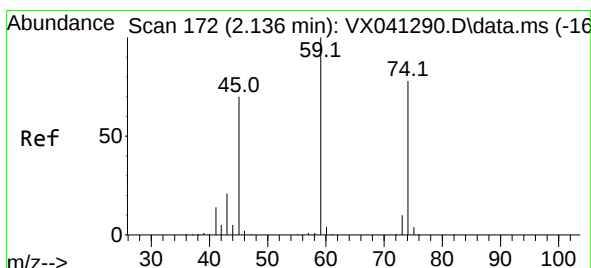
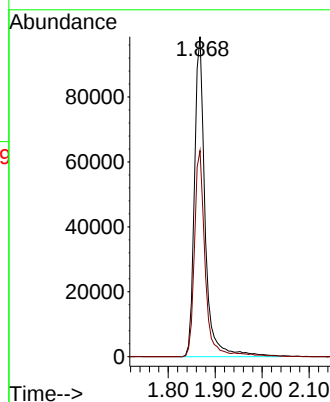
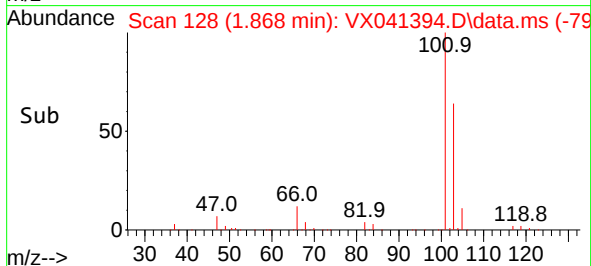
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 15643
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

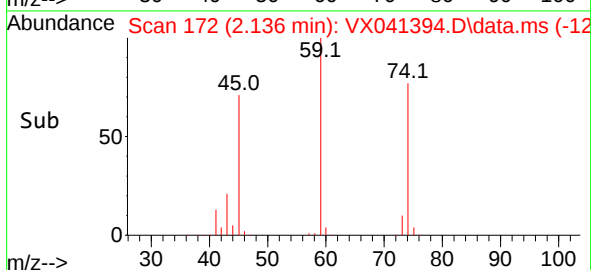
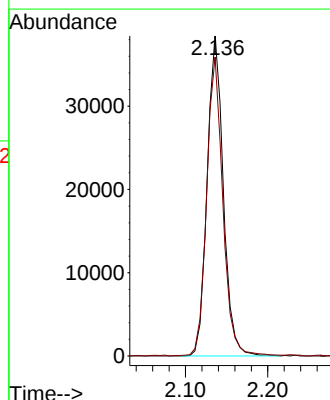
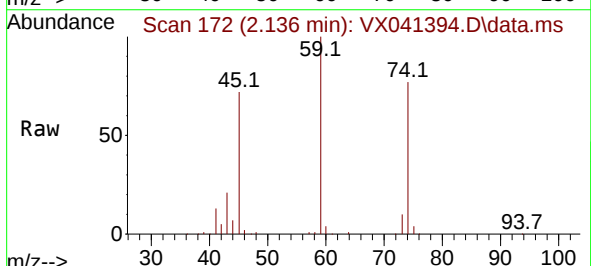
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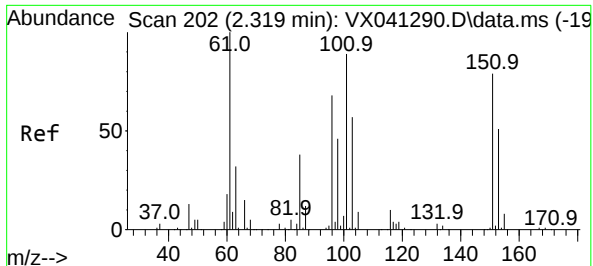
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#8
Diethyl Ether
Concen: 48.257 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 74 Resp: 52420
Ion Ratio Lower Upper
74 100
45 94.0 53.3 159.8





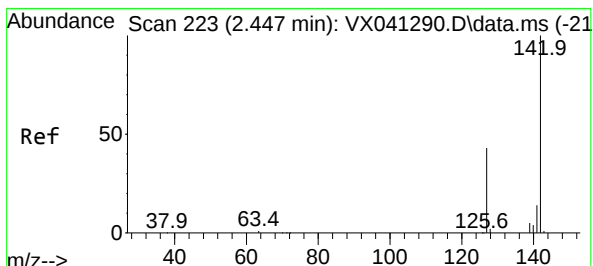
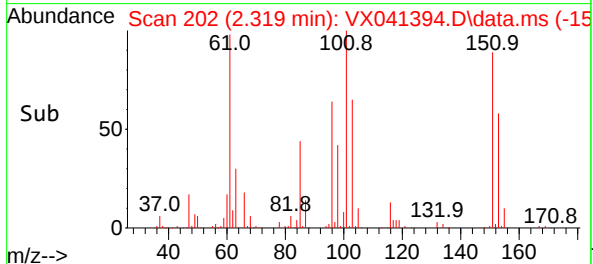
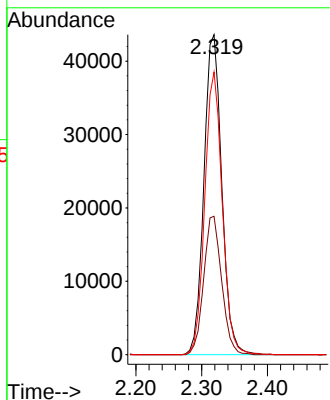
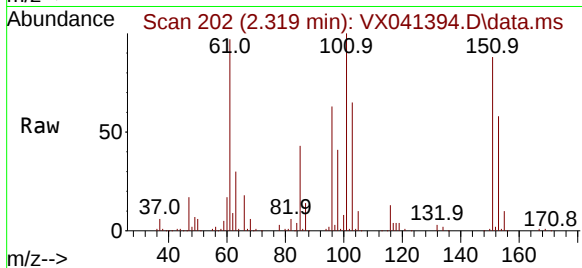
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.578 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8241
Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 86.6 58.6 87.8

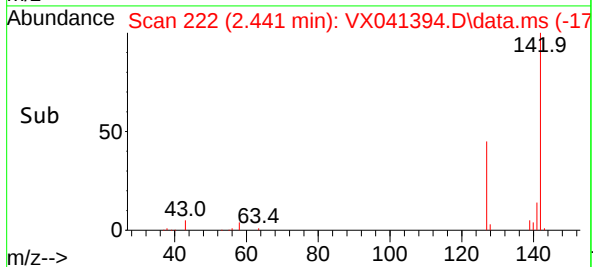
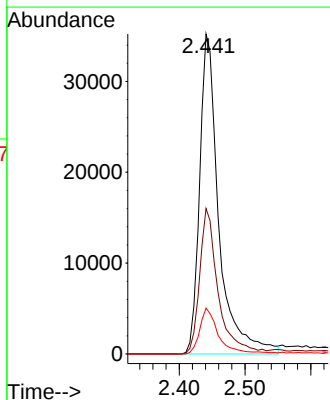
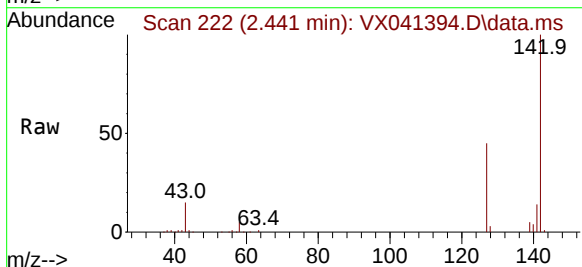
Manual Integrations
APPROVED

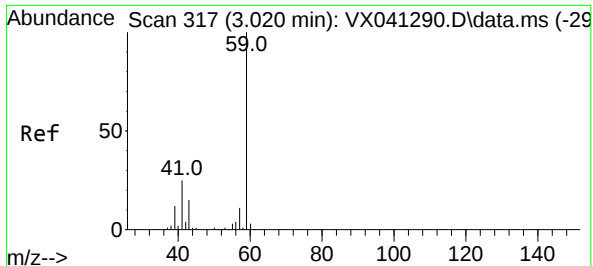
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#10
Methyl Iodide
Concen: 38.360 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:142 Resp: 71514
Ion Ratio Lower Upper
142 100
127 43.9 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 224.339 ug/l

RT: 3.008 min Scan# 317

Delta R.T. -0.012 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 10778

Ion Ratio Lower Upper

59 100

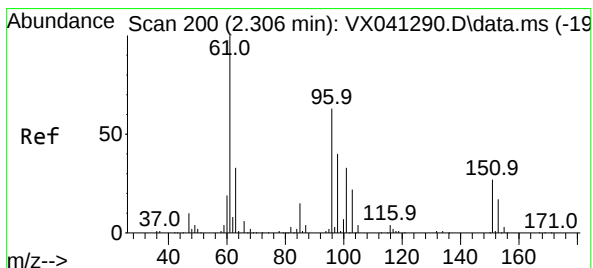
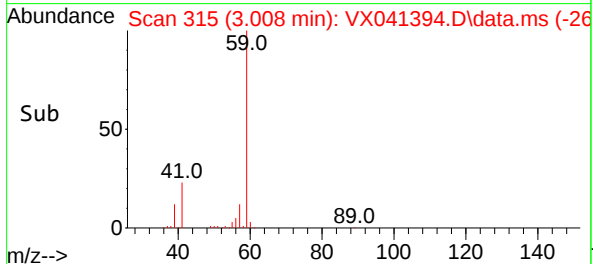
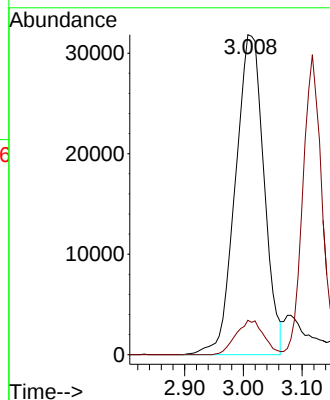
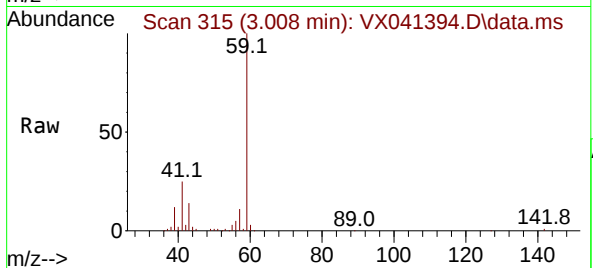
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#12

1,1-Dichloroethene

Concen: 44.667 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

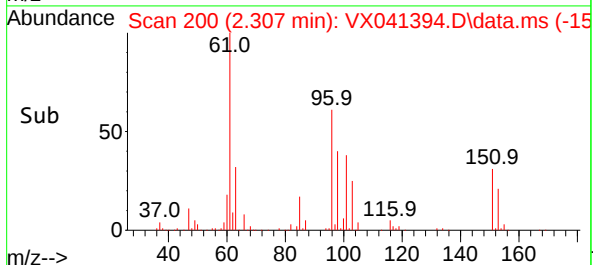
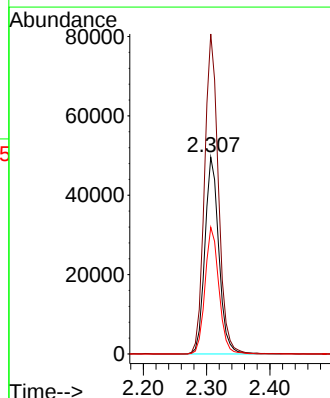
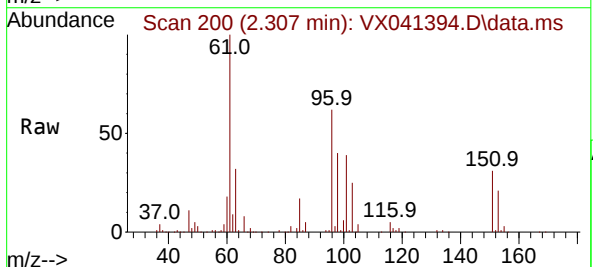
Tgt Ion: 96 Resp: 76323

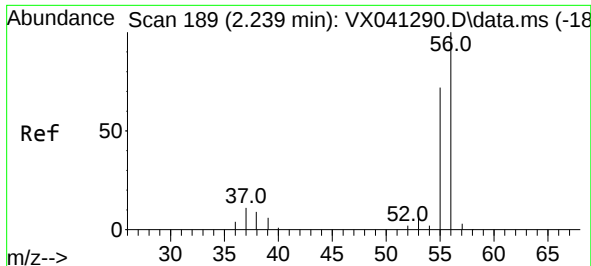
Ion Ratio Lower Upper

96 100

61 162.6 144.6 216.8

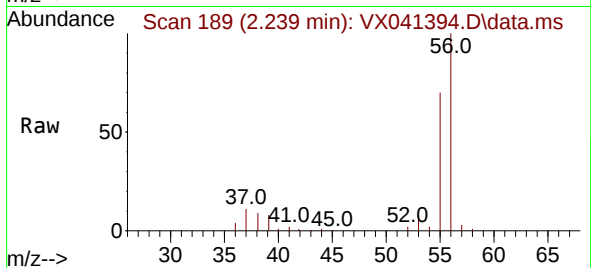
98 64.4 50.4 75.6





#13
Acrolein
Concen: 207.377 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

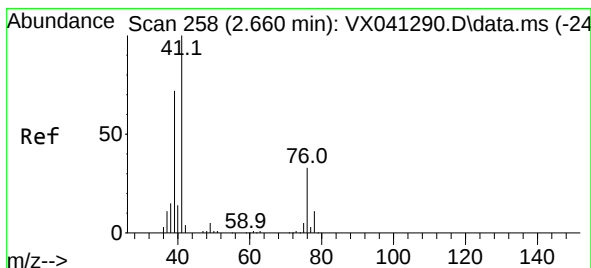
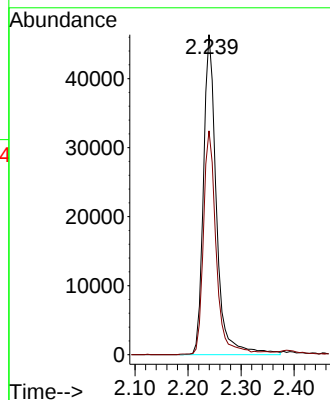
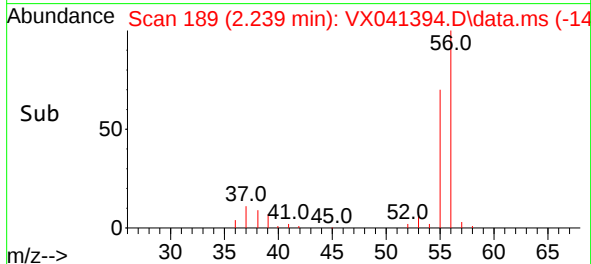
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7904
Ion Ratio Lower Upper
56 100
55 69.0 57.1 85.7

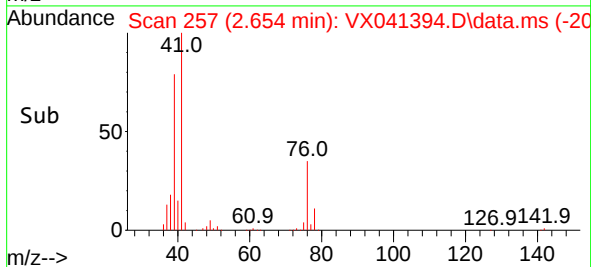
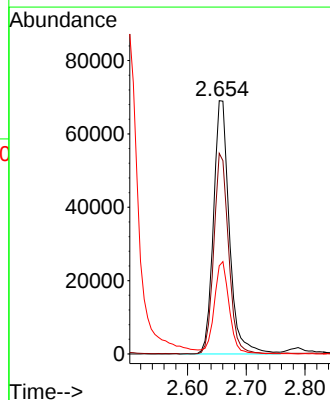
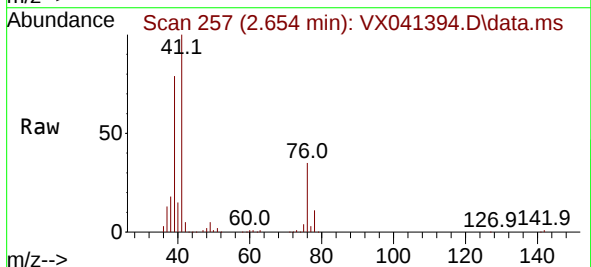
Manual Integrations
APPROVED

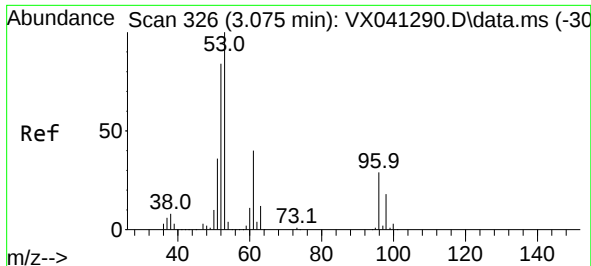
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#14
Allyl chloride
Concen: 45.348 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 41 Resp: 130182
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 34.1 24.3 36.5





#15

Acrylonitrile

Concen: 257.020 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 281834

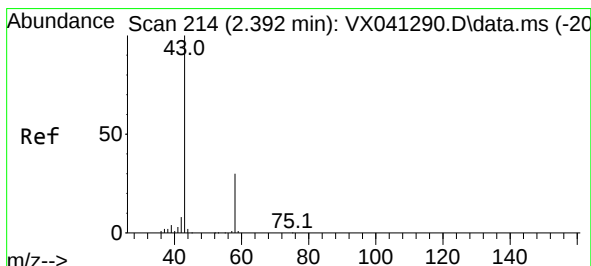
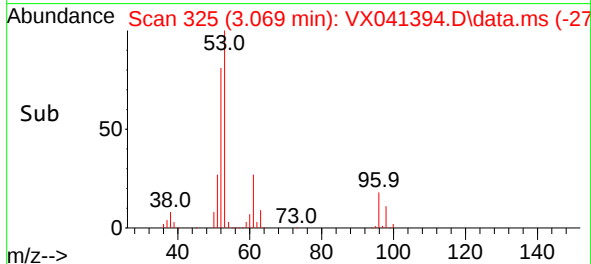
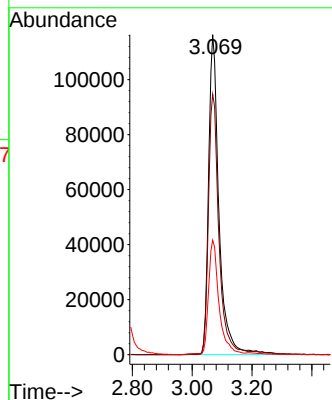
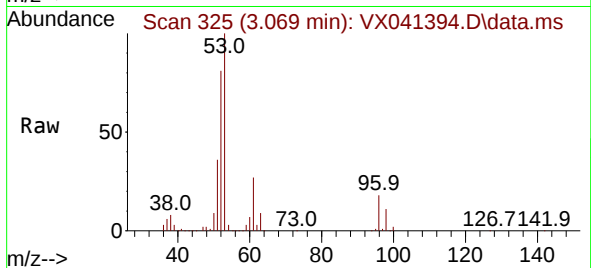
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.0	99.0
51	35.0	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#16

Acetone

Concen: 248.185 ug/l

RT: 2.392 min Scan# 214

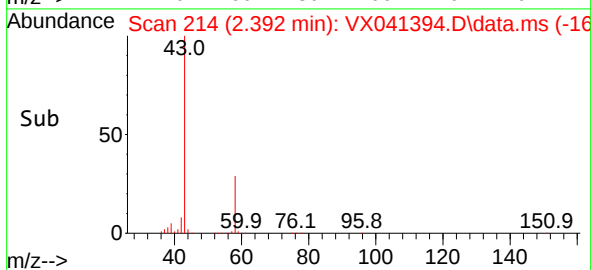
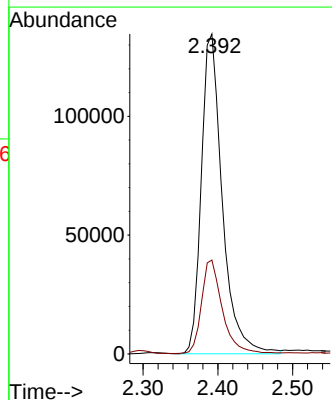
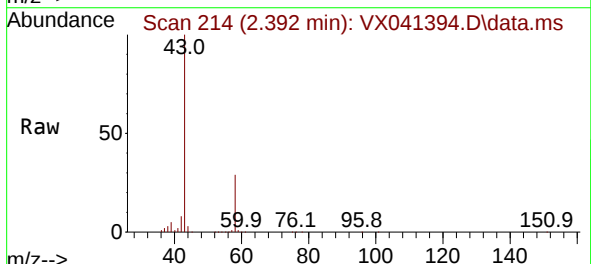
Delta R.T. -0.000 min

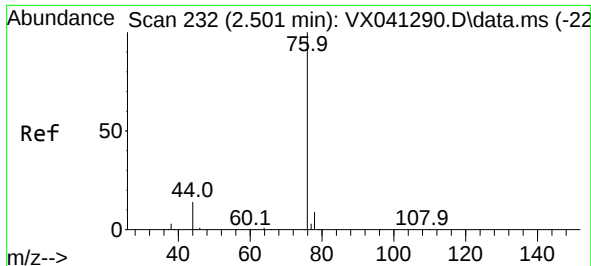
Lab File: VX041394.D

Acq: 07 May 2024 08:46

Tgt Ion: 43 Resp: 262379

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.9	32.9





#17

Carbon Disulfide

Concen: 40.445 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 162454

Ion Ratio Lower Upper

76 100

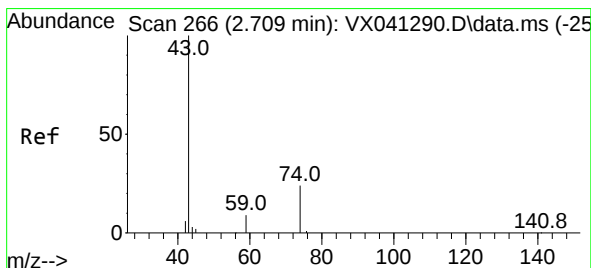
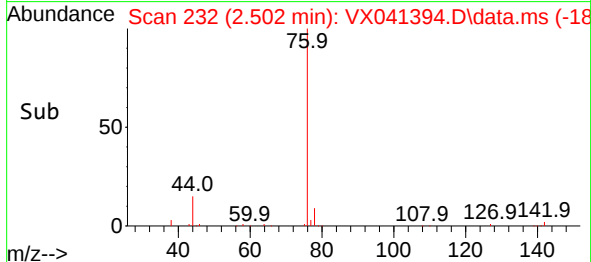
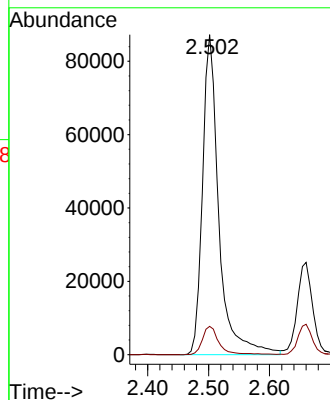
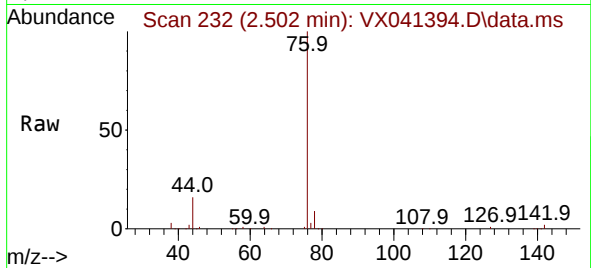
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#18

Methyl Acetate

Concen: 44.267 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041394.D

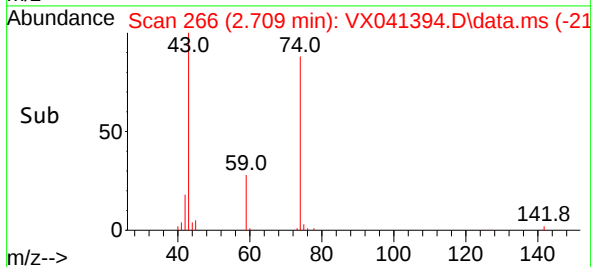
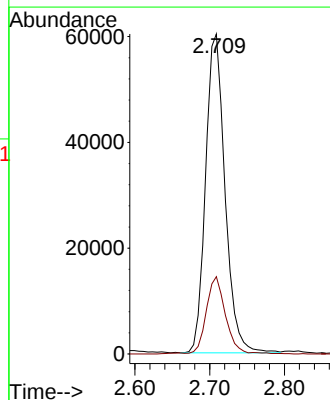
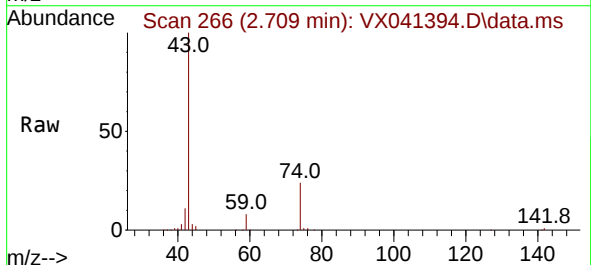
Acq: 07 May 2024 08:46

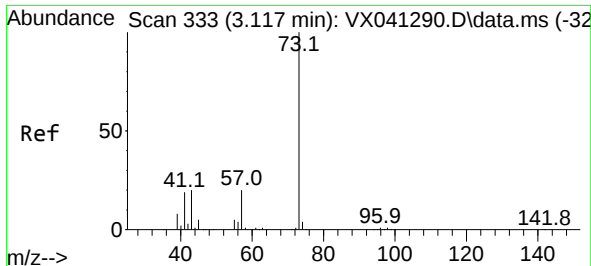
Tgt Ion: 43 Resp: 108715

Ion Ratio Lower Upper

43 100

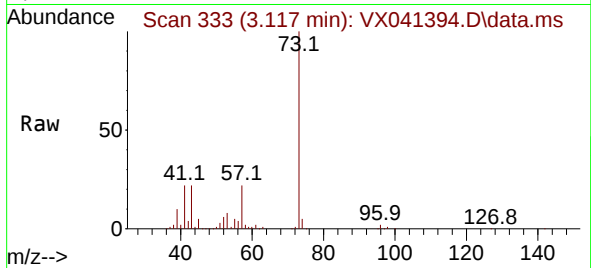
74 24.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.158 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

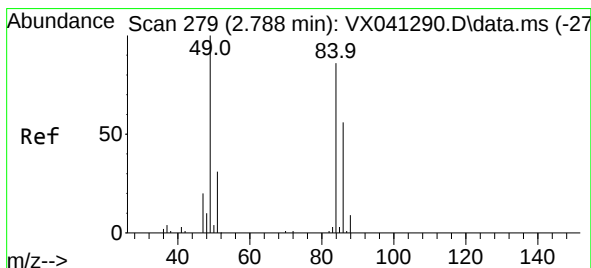
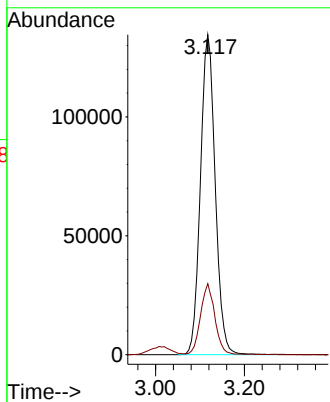
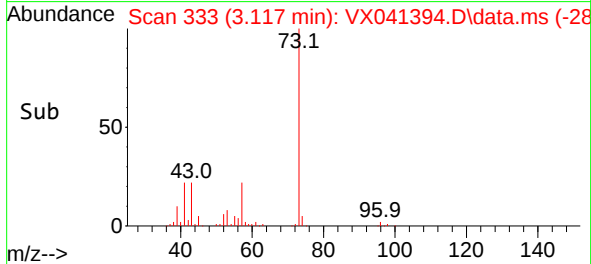
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 312429
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

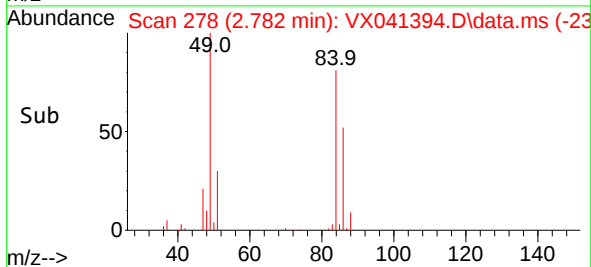
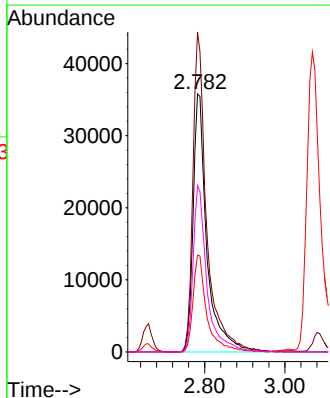
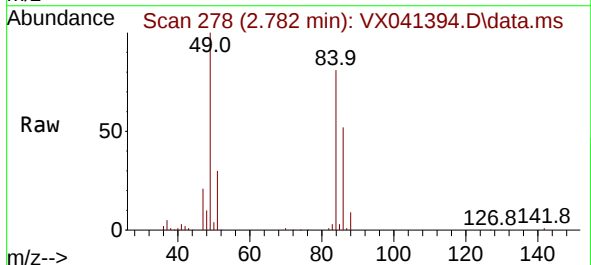
Manual Integrations
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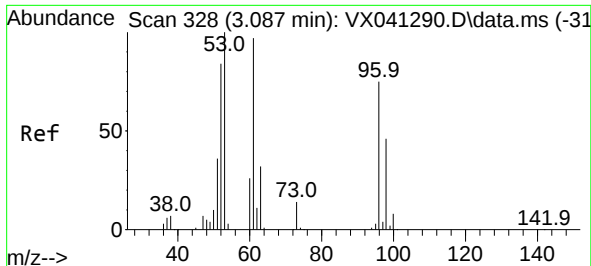
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#20
Methylene Chloride
Concen: 41.163 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

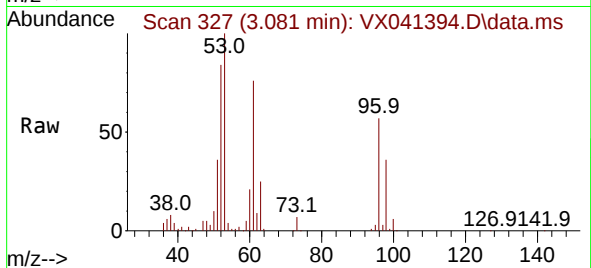
Tgt Ion: 84 Resp: 85781
Ion Ratio Lower Upper
84 100
49 124.0 103.6 155.4
51 37.5 33.8 50.6
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.262 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

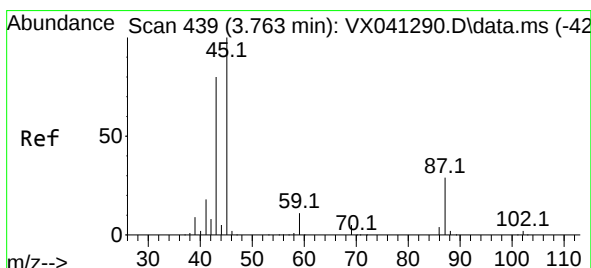
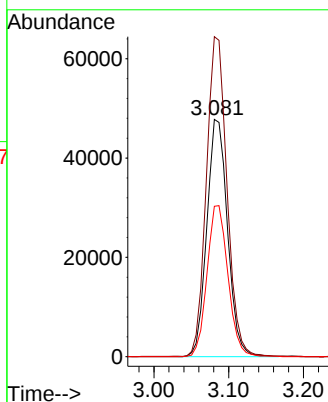
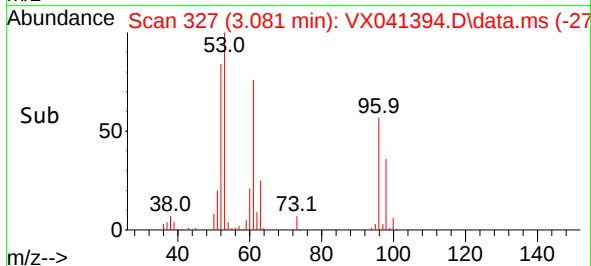
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 92158
Ion Ratio Lower Upper
96 100
61 134.7 119.2 178.8
98 63.4 48.7 73.1

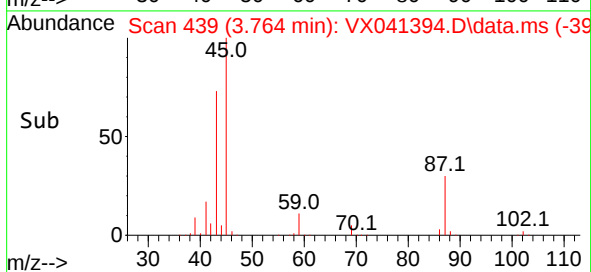
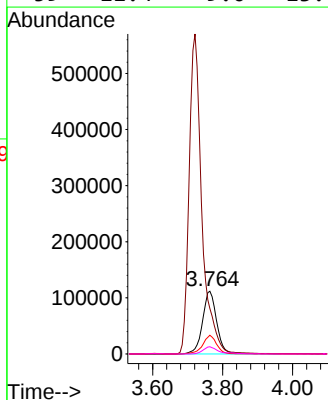
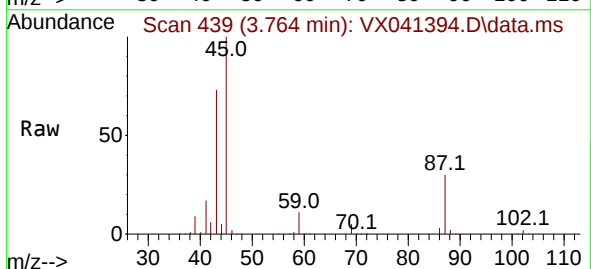
Manual Integrations
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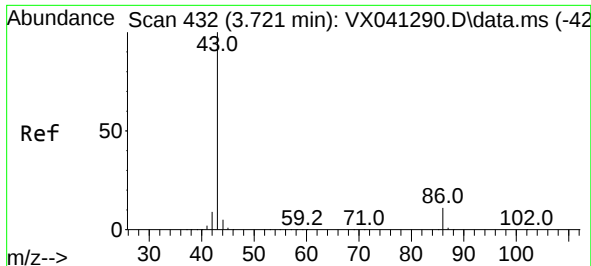
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#22
Diisopropyl ether
Concen: 51.755 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 45 Resp: 314879
Ion Ratio Lower Upper
45 100
43 72.1 69.7 104.5
87 29.9 20.8 31.2
59 11.4 9.0 13.4





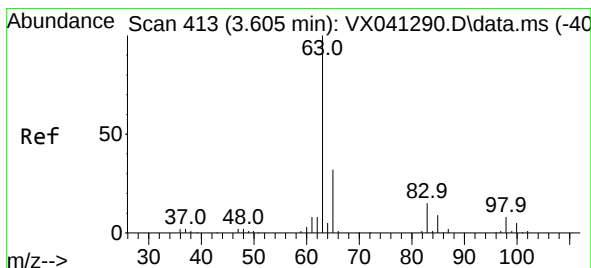
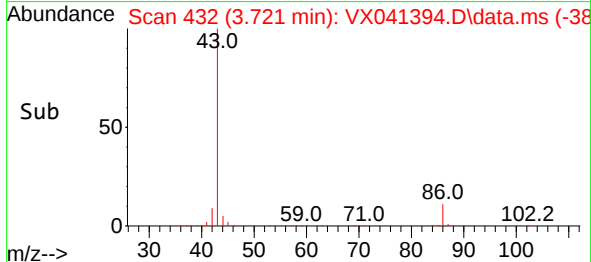
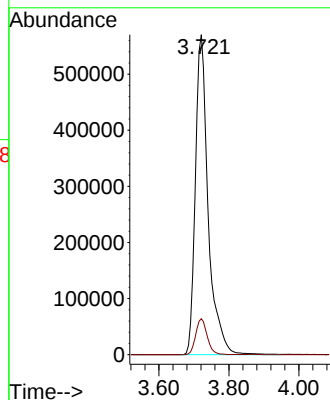
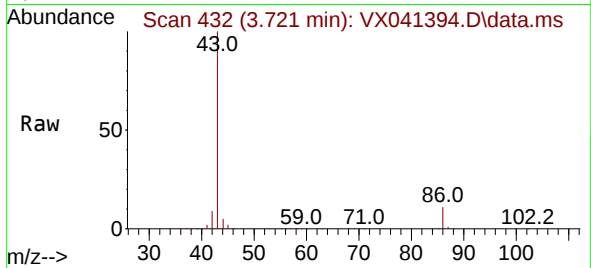
#23
 Vinyl Acetate
 Concen: 266.264 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041394.D
 Acq: 07 May 2024 08:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 144910
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

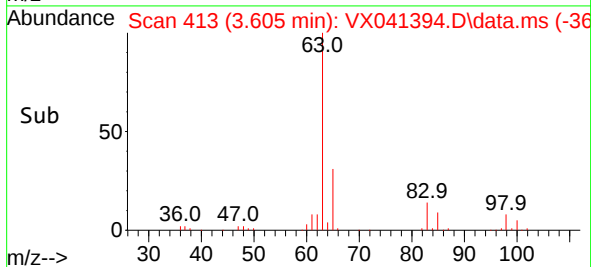
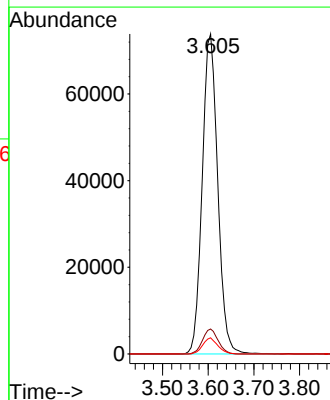
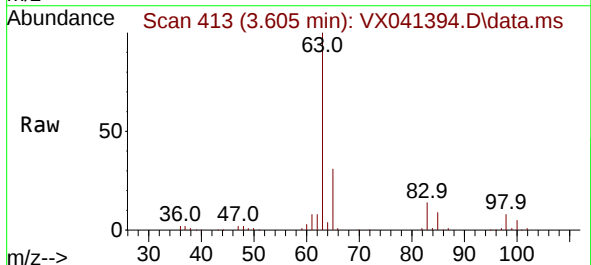
Manual Integrations
 APPROVED

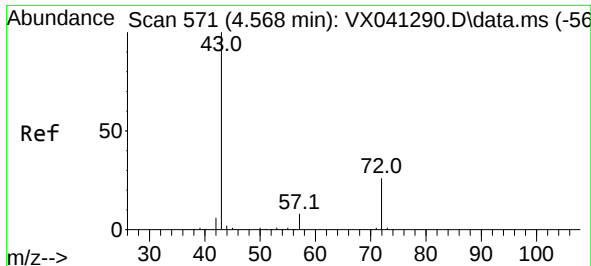
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#24
 1,1-Dichloroethane
 Concen: 50.556 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041394.D
 Acq: 07 May 2024 08:46

Tgt Ion: 63 Resp: 173769
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.0 2.1 6.5





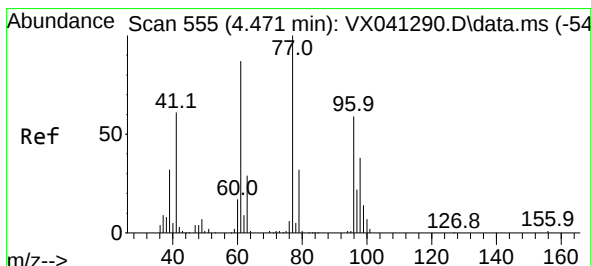
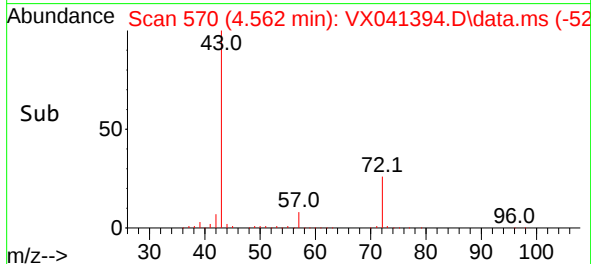
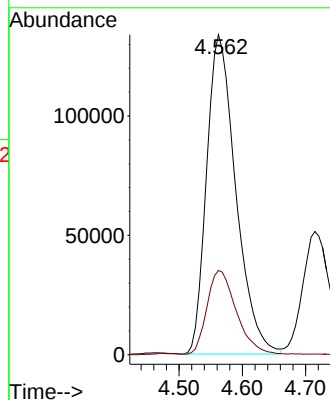
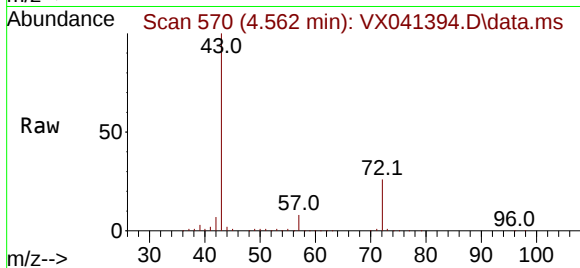
#25
2-Butanone
Concen: 276.322 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42930
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

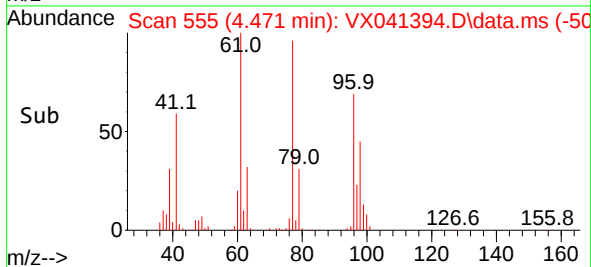
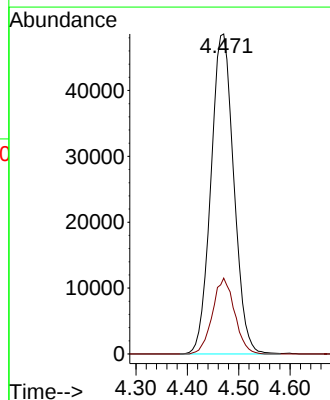
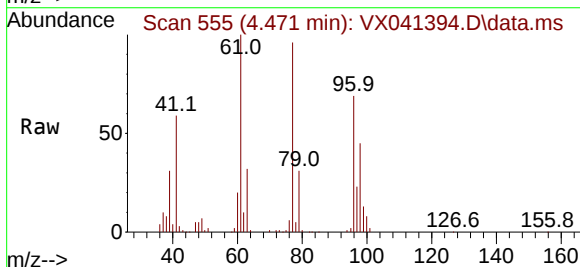
Manual Integrations
APPROVED

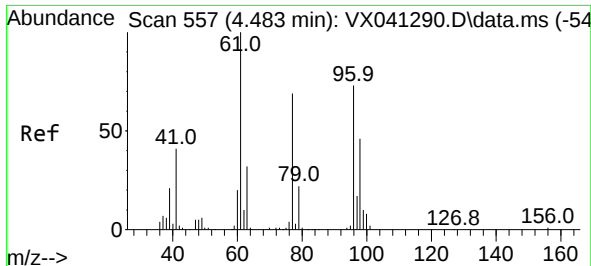
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#26
2,2-Dichloropropane
Concen: 52.291 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 77 Resp: 150274
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.692 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 116872

Ion Ratio Lower Upper

96 100

61 139.5 0.0 312.2

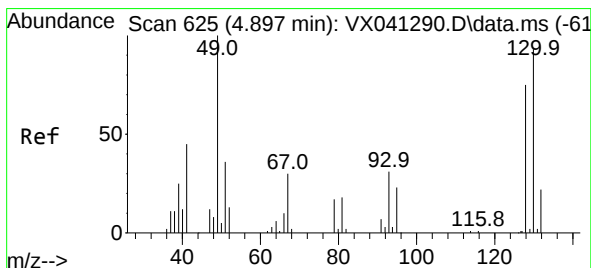
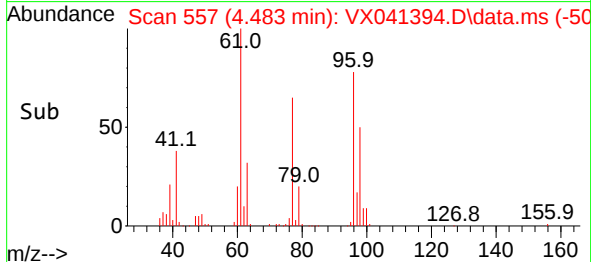
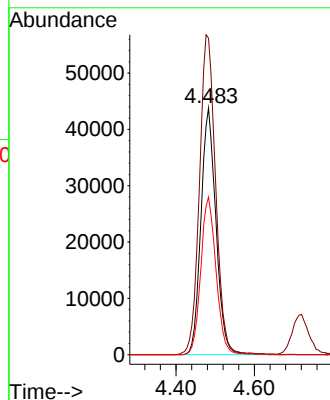
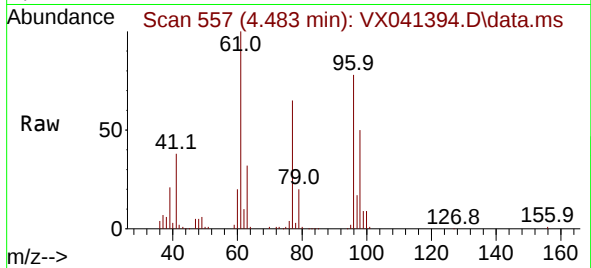
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#28

Bromochloromethane

Concen: 48.774 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

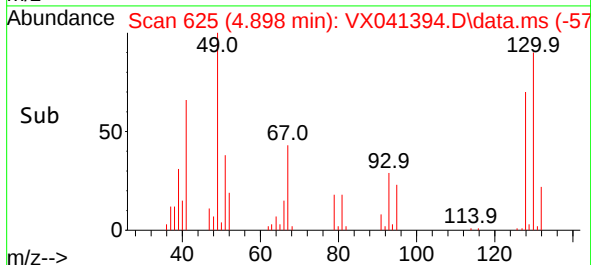
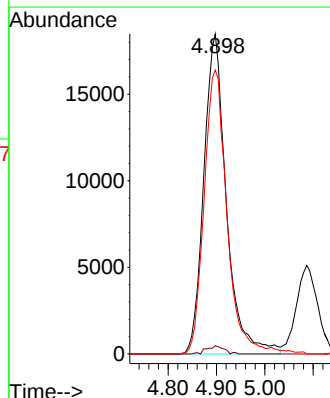
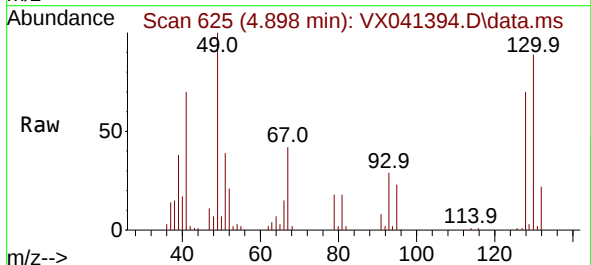
Tgt Ion: 49 Resp: 59830

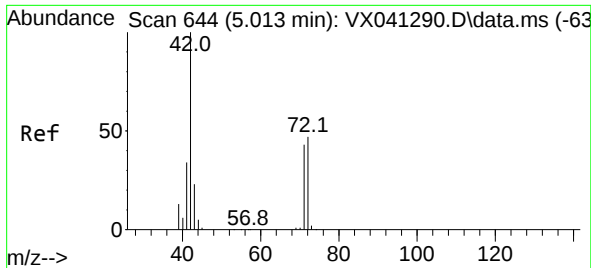
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

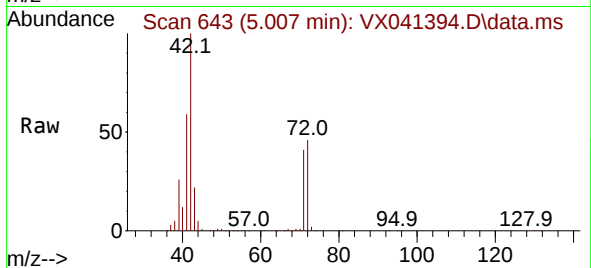
130 90.5 57.5 86.3#





#29
Tetrahydrofuran
Concen: 255.628 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

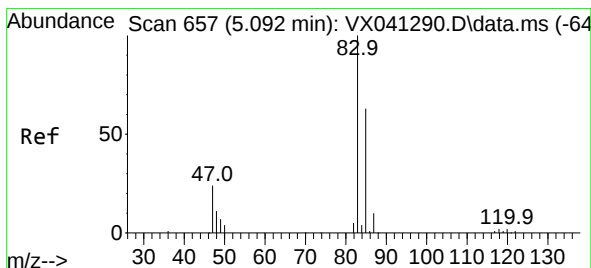
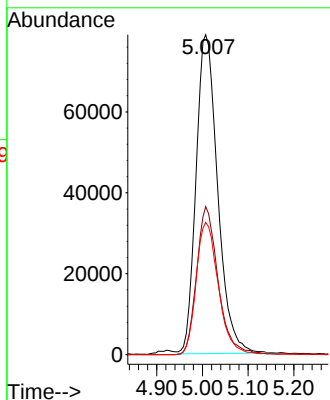
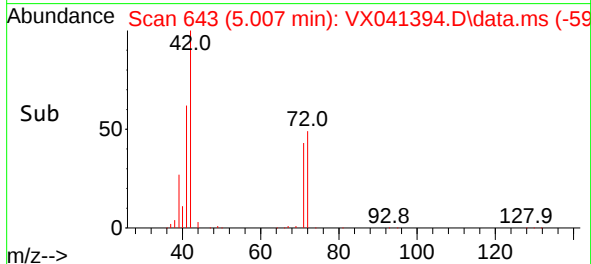
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 259730
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.4
71 42.6 32.2 48.2

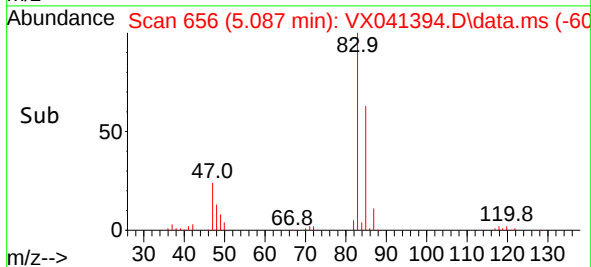
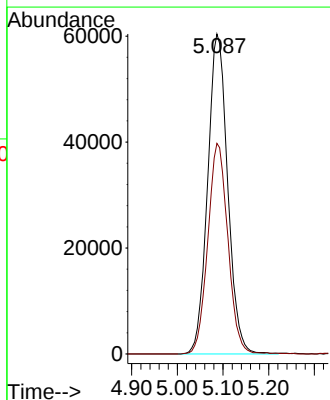
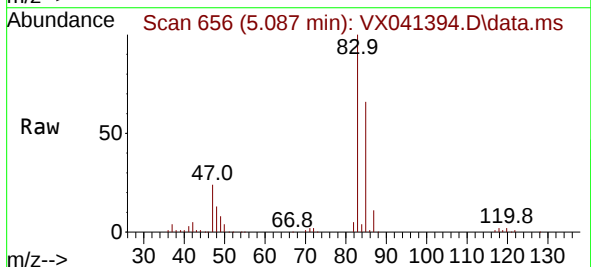
Manual Integrations
APPROVED

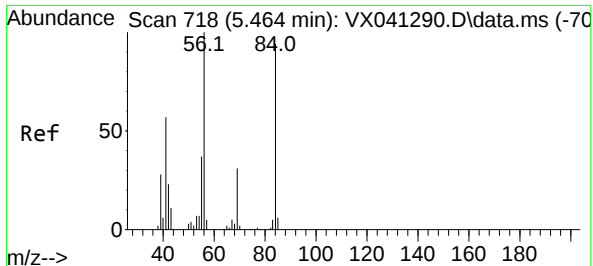
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#30
Chloroform
Concen: 51.396 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

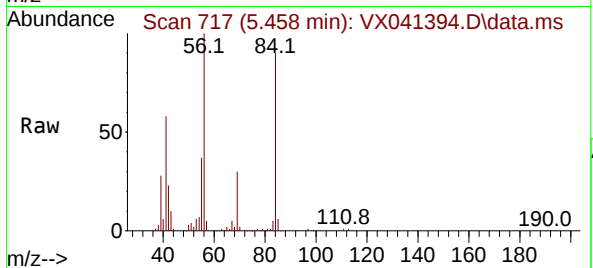
Tgt Ion: 83 Resp: 183789
Ion Ratio Lower Upper
83 100
85 65.8 50.3 75.5





#31
Cyclohexane
Concen: 50.068 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

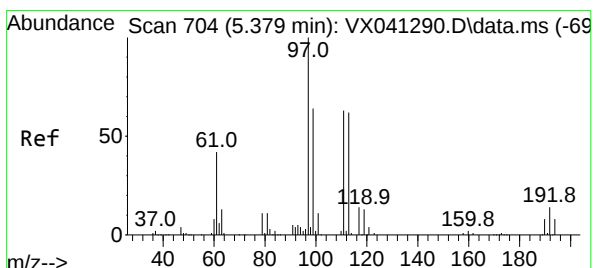
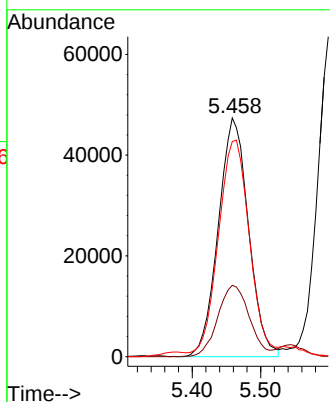
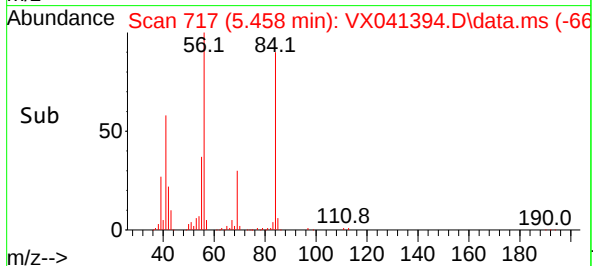
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14505
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 88.2 65.9 98.9

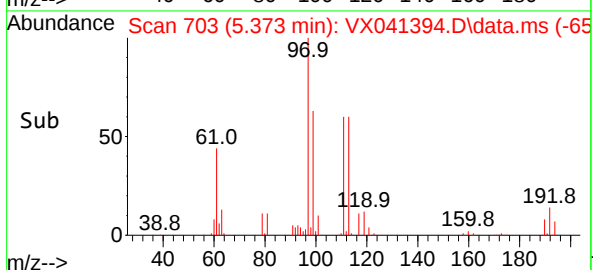
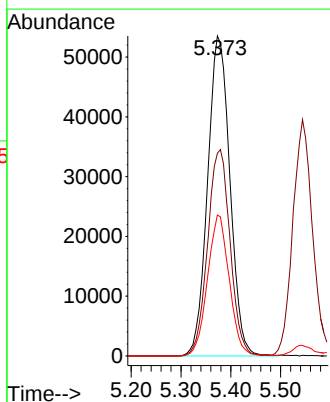
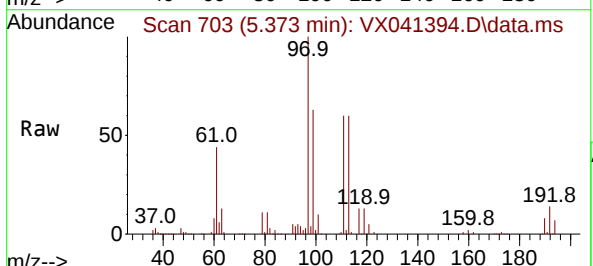
Manual Integrations
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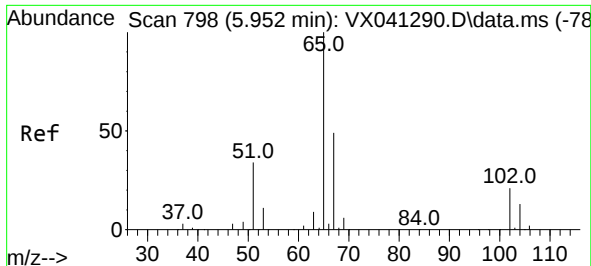
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#32
1,1,1-Trichloroethane
Concen: 51.173 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 97 Resp: 166486
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.482 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 123579

Ion Ratio Lower Upper

65 100

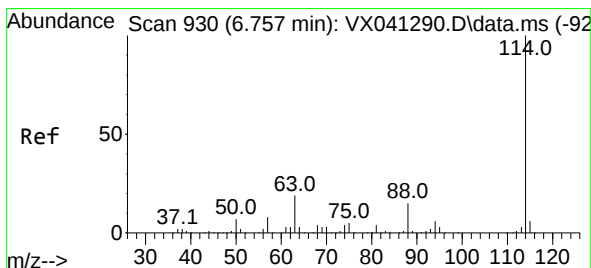
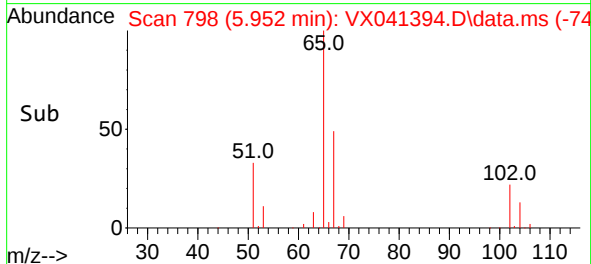
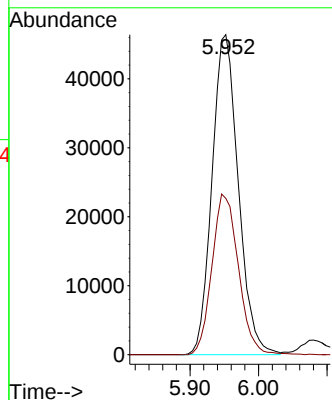
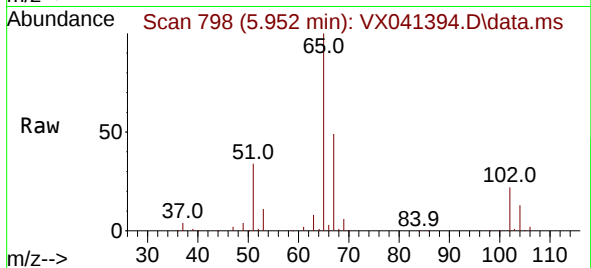
67 50.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

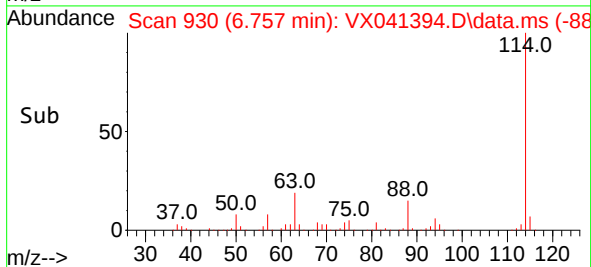
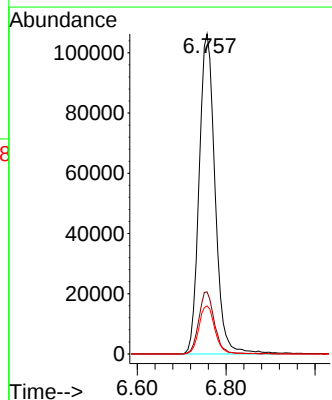
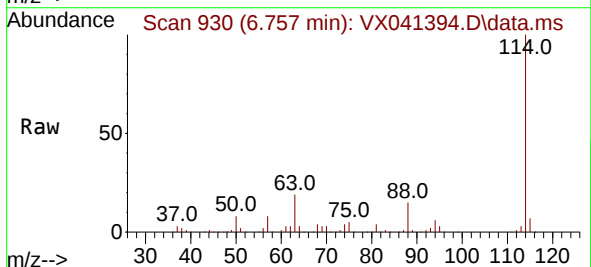
Tgt Ion:114 Resp: 264959

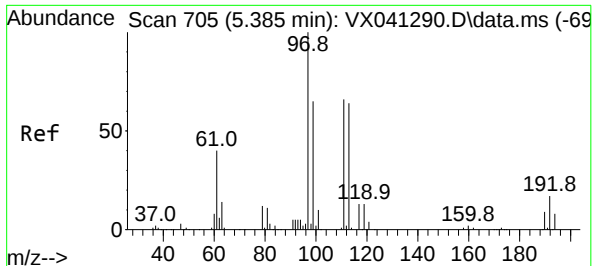
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.568 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 101570

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

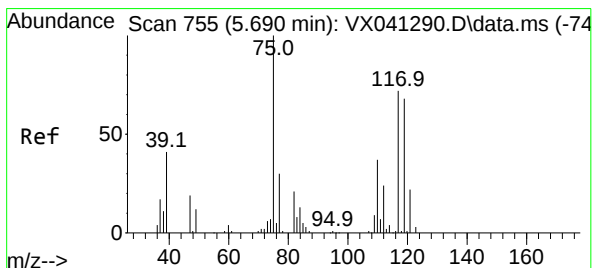
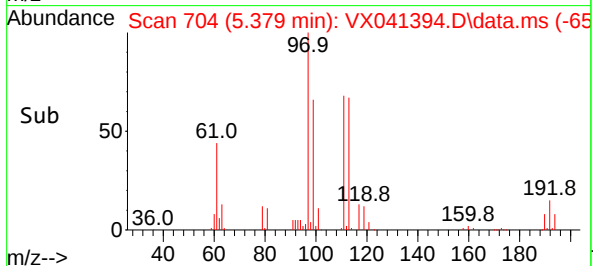
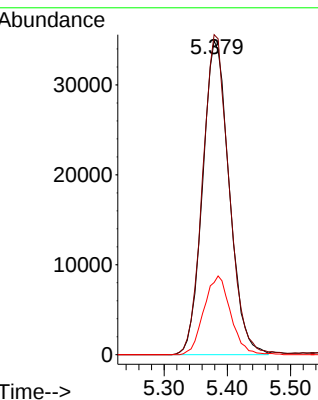
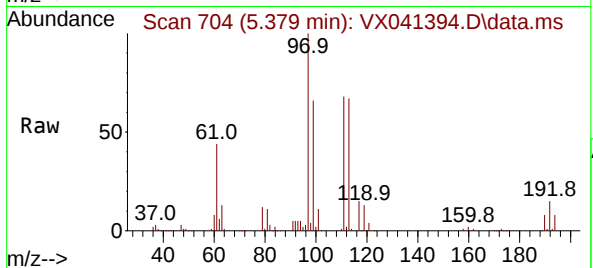
192 25.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#36

1,1-Dichloropropene

Concen: 57.299 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

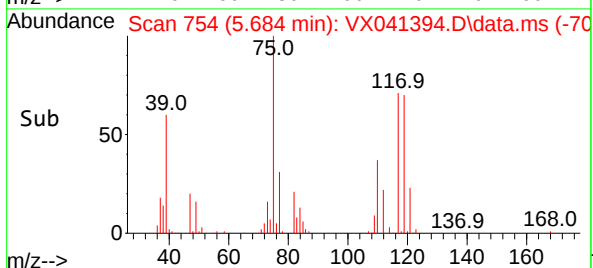
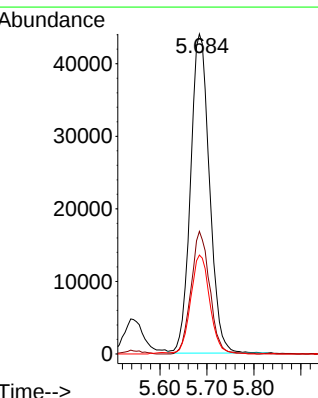
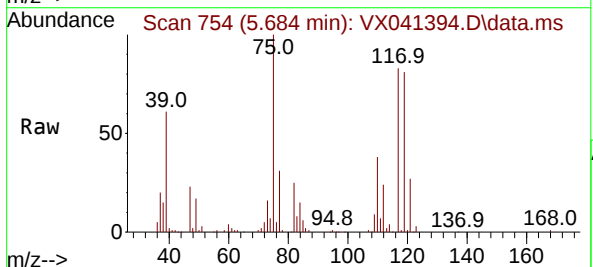
Tgt Ion: 75 Resp: 123023

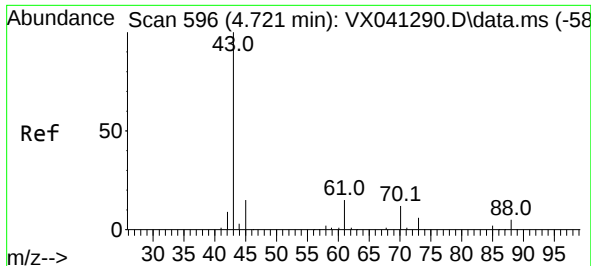
Ion Ratio Lower Upper

75 100

110 37.8 17.0 50.9

77 31.3 24.7 37.1





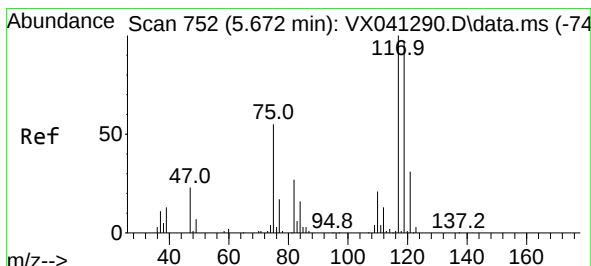
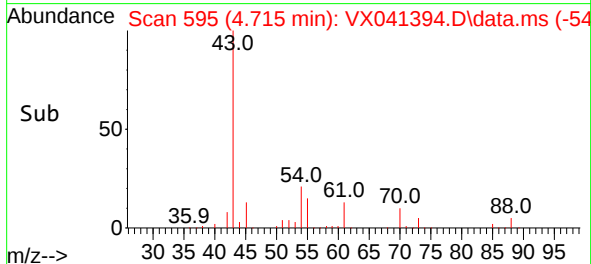
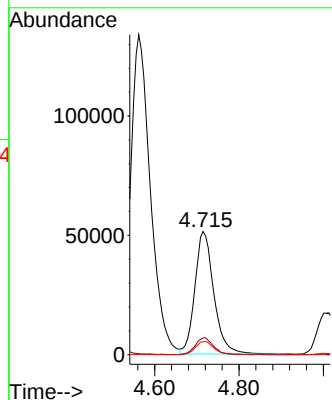
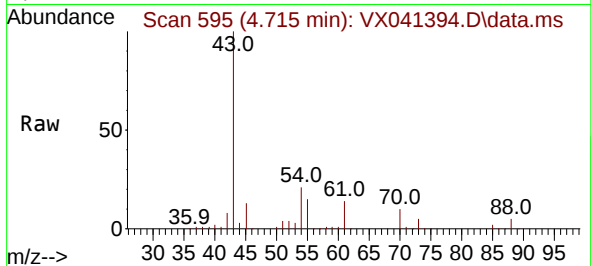
#37
Ethyl Acetate
Concen: 60.048 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16086
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.5 8.3 12.5

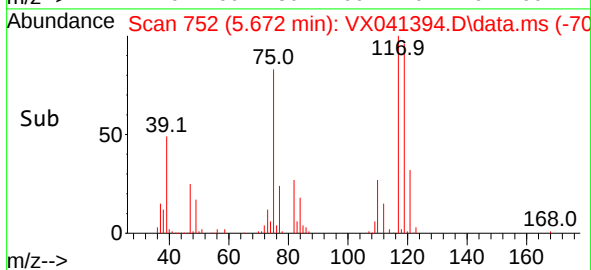
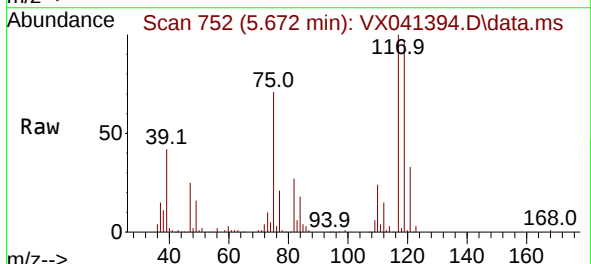
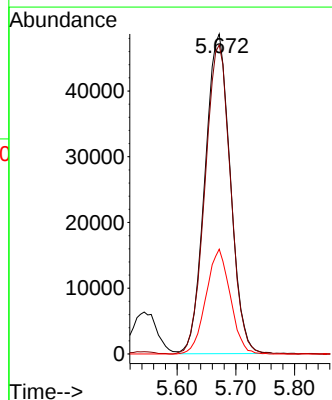
Manual Integrations
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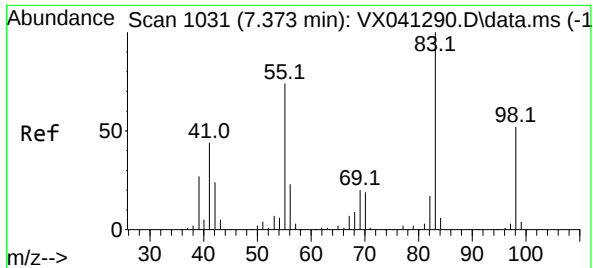
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#38
Carbon Tetrachloride
Concen: 59.155 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:117 Resp: 145499
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 32.8 24.4 36.6





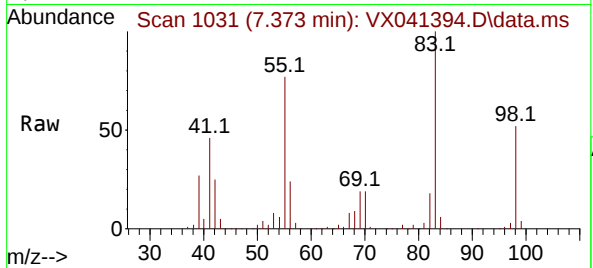
#39
Methylcyclohexane
Concen: 51.906 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



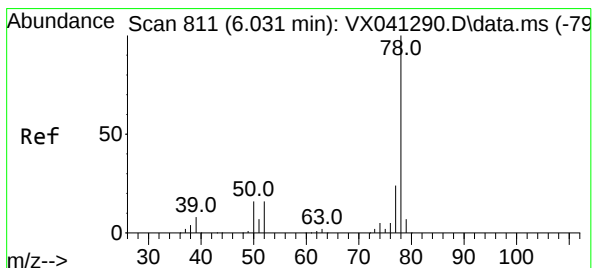
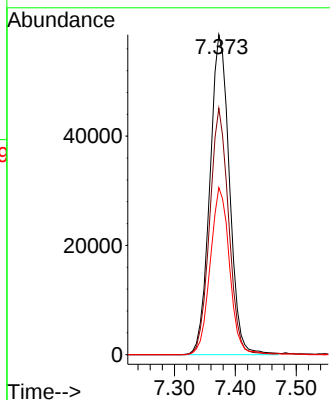
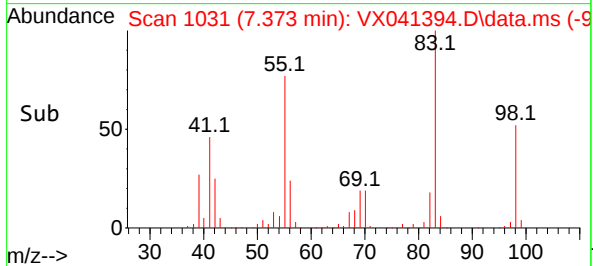
Tgt Ion: 83 Resp: 130925
Ion Ratio Lower Upper
83 100
55 77.0 64.6 97.0
98 52.2 36.7 55.1

Manual Integrations

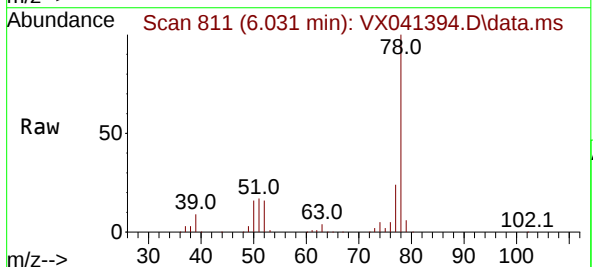
APPROVED

Reviewed By :John Carlone 05/08/2024

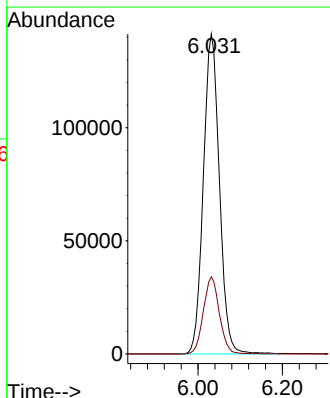
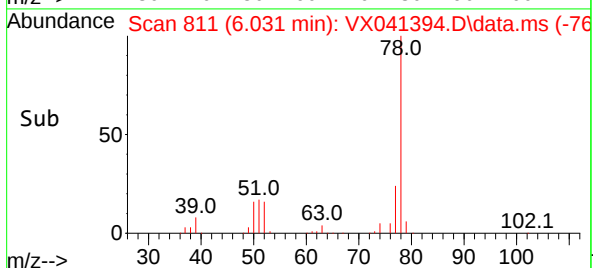
Supervised By :Mahesh Dadoda 05/08/2024

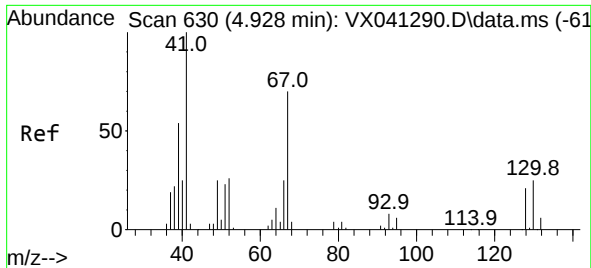


#40
Benzene
Concen: 56.670 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46



Tgt Ion: 78 Resp: 375084
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





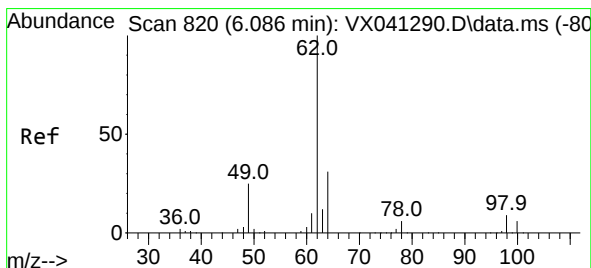
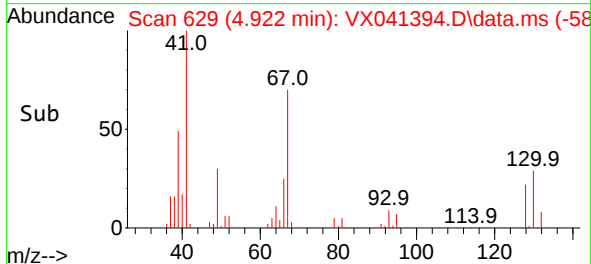
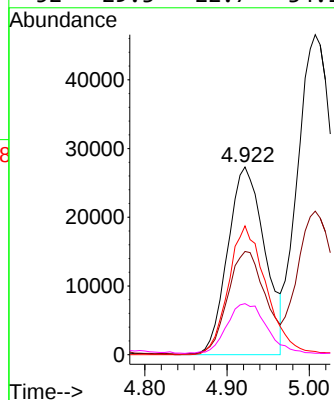
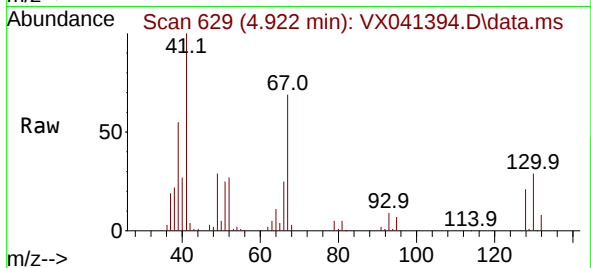
#41
Methacrylonitrile
Concen: 62.418 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	86062
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.2	67.8
67	70.2	52.6	78.8
52	29.3	22.7	34.1

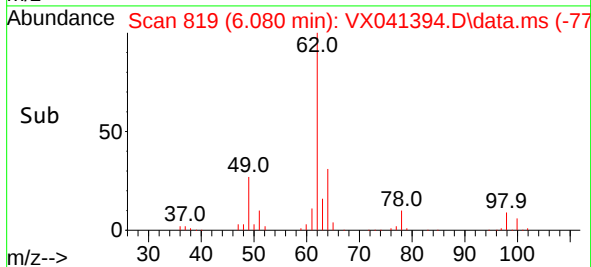
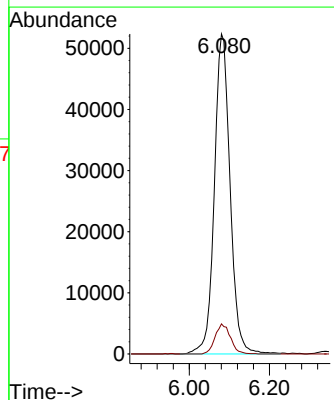
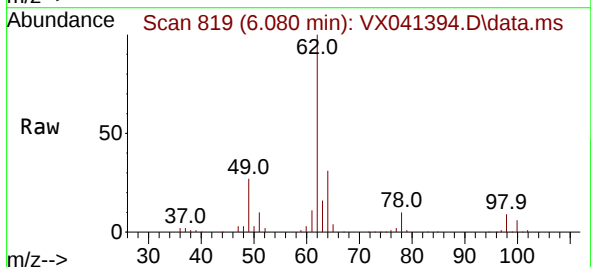
Manual Integrations
APPROVED

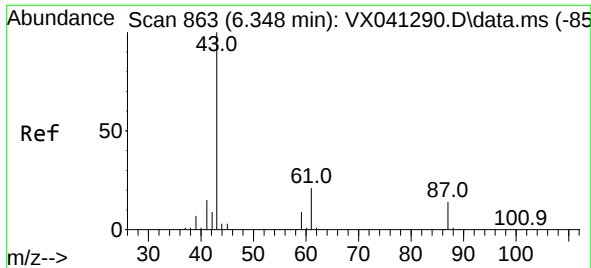
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#42
1,2-Dichloroethane
Concen: 58.712 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:	62	Resp:	142418
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 56.026 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041394.D

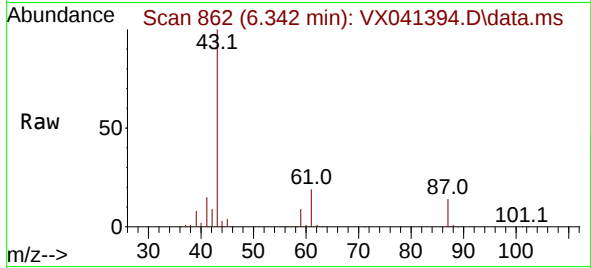
Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 22566

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

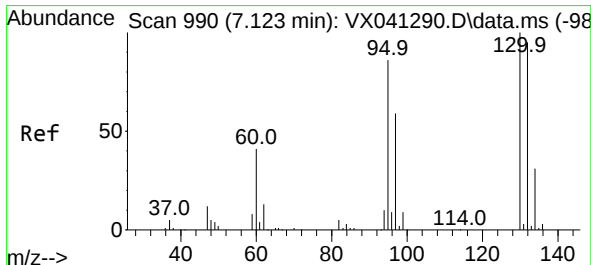
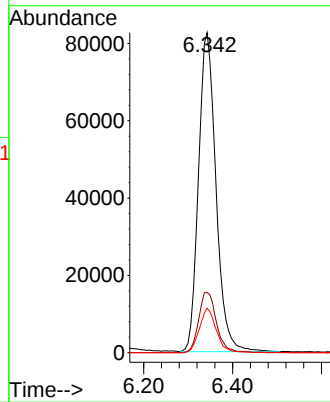
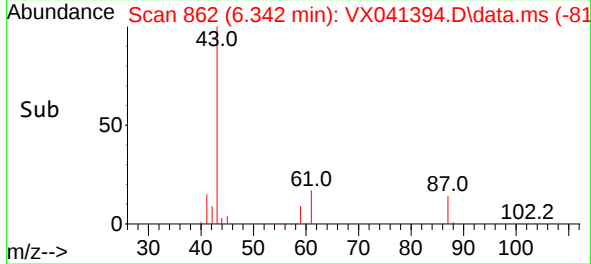
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#44

Trichloroethene

Concen: 58.298 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041394.D

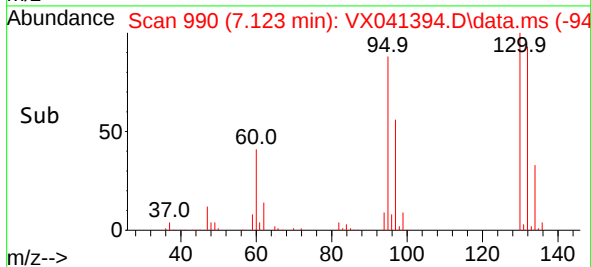
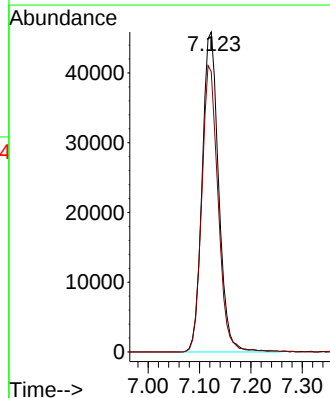
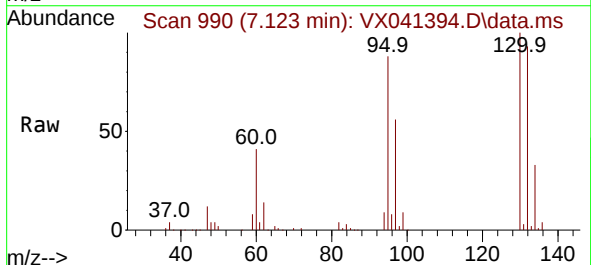
Acq: 07 May 2024 08:46

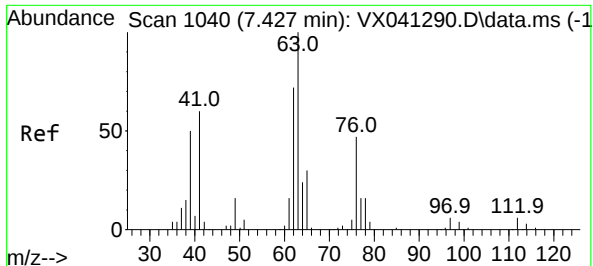
Tgt Ion:130 Resp: 101890

Ion Ratio Lower Upper

130 100

95 87.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.370 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7744

Ion Ratio Lower Upper

63 100

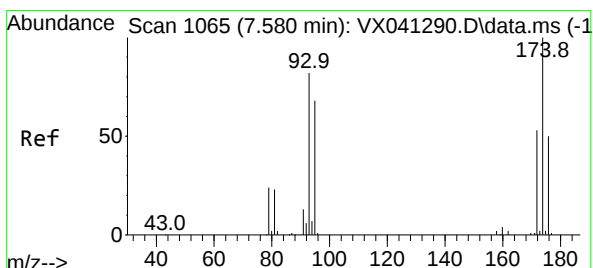
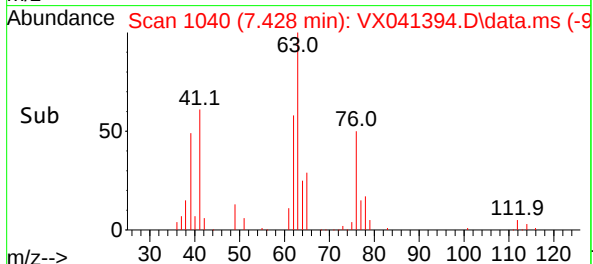
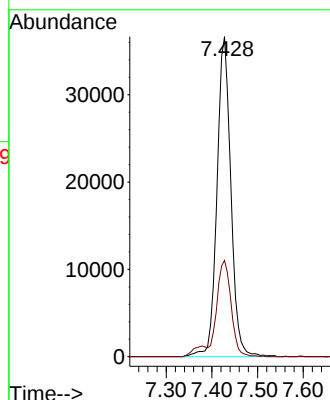
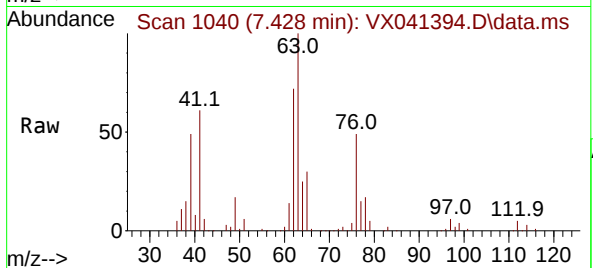
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#46

Dibromomethane

Concen: 51.696 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

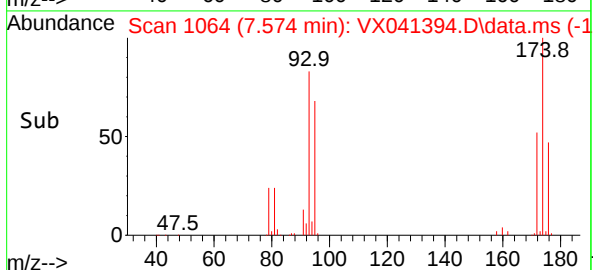
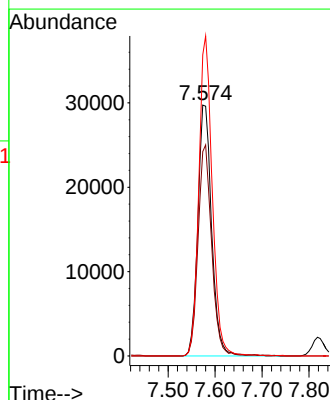
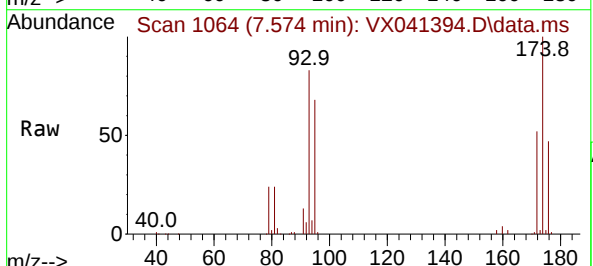
Tgt Ion: 93 Resp: 60859

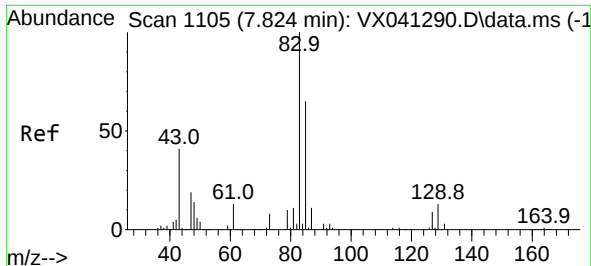
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

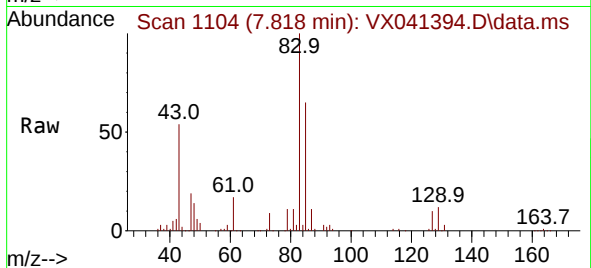
174 123.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 56.545 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

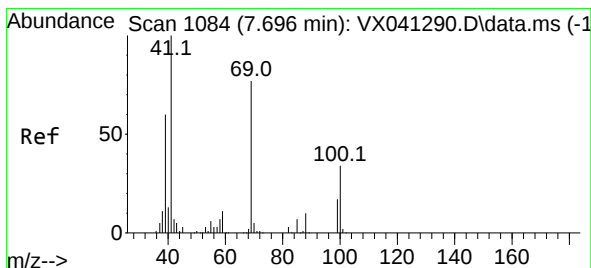
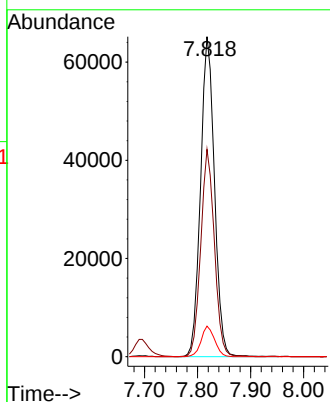
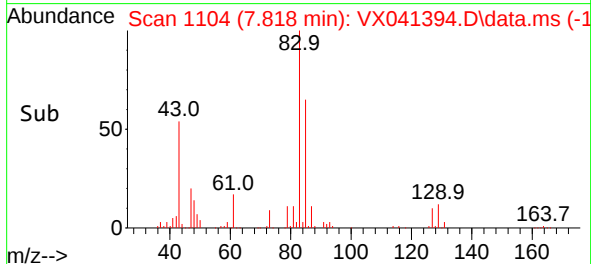
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 118623
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 9.6 7.1 10.7

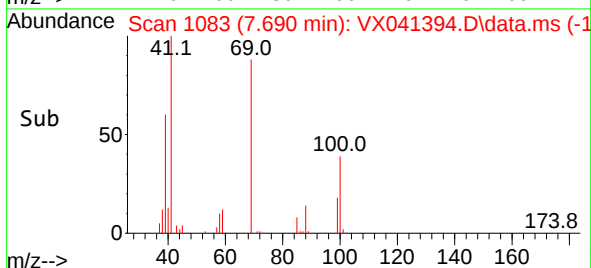
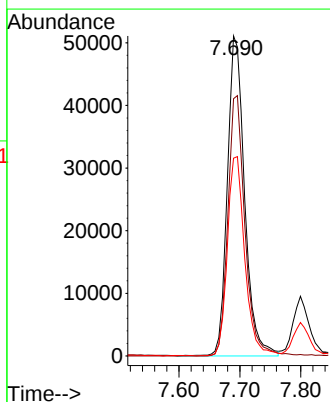
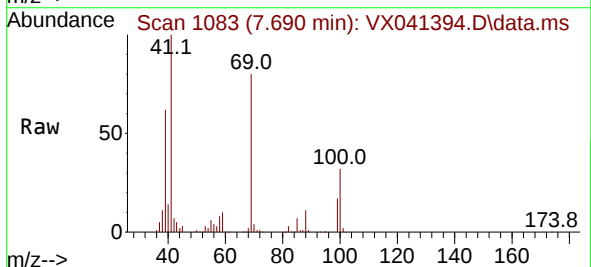
Manual Integrations
APPROVED

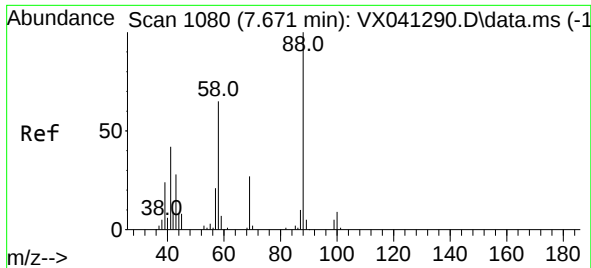
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#48
Methyl methacrylate
Concen: 54.606 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 41 Resp: 100826
Ion Ratio Lower Upper
41 100
69 80.2 59.2 88.8
39 63.1 47.7 71.5





#49

1,4-Dioxane

Concen: 847.052 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

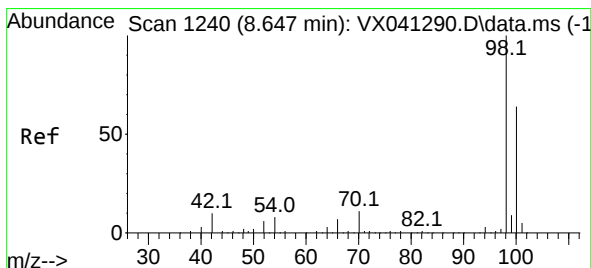
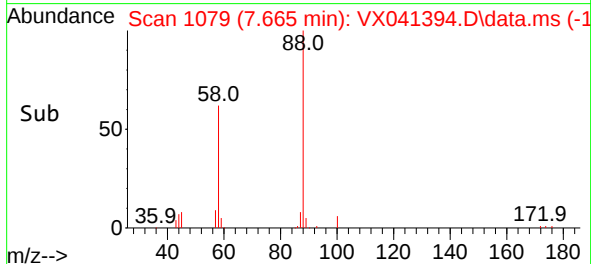
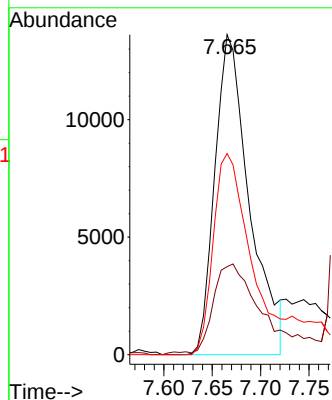
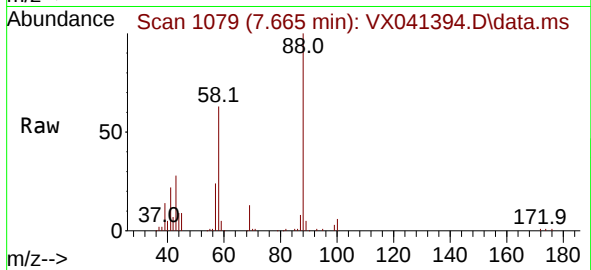
Tgt Ion: 88 Resp: 33815
 Ion Ratio Lower Upper
 88 100
 43 41.0 0.0 0.0
 58 68.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#50

Toluene-d8

Concen: 52.740 ug/l

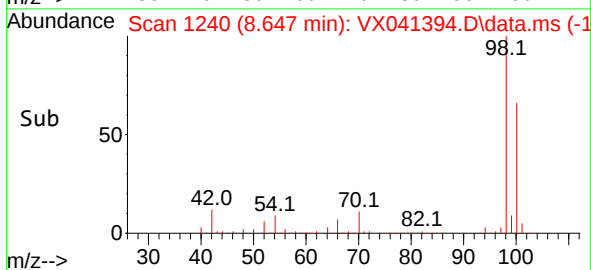
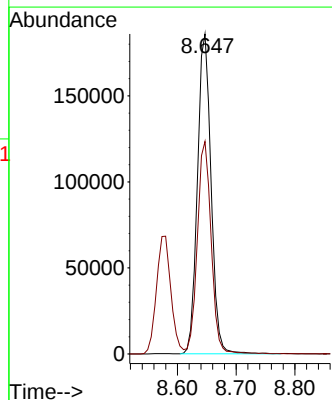
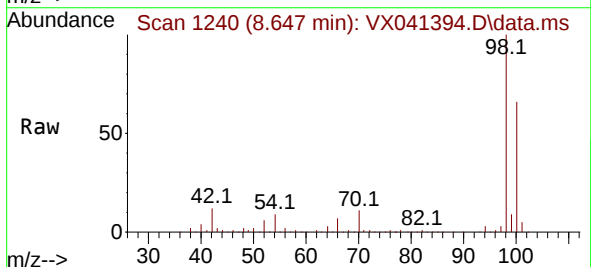
RT: 8.647 min Scan# 1240

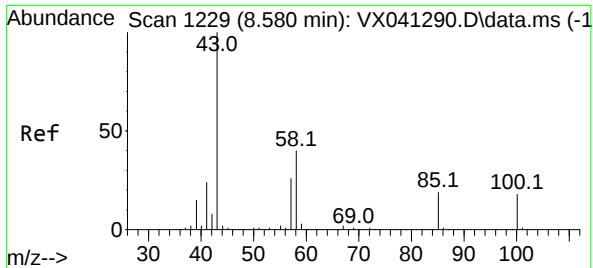
Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Tgt Ion: 98 Resp: 299727
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 282.853 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

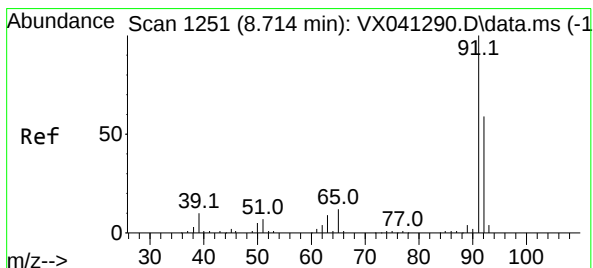
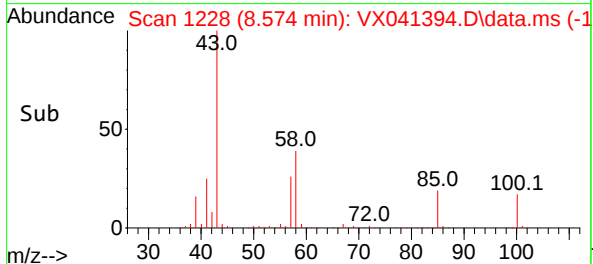
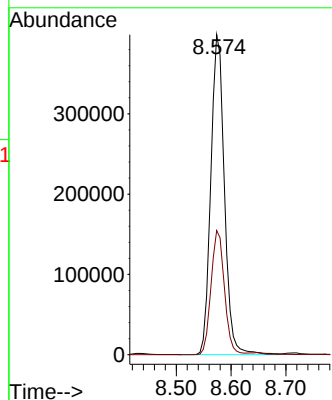
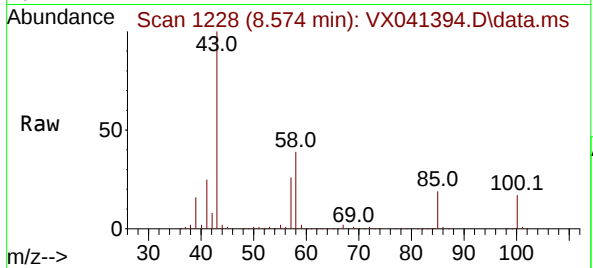
VSTDCCC050

Tgt Ion: 43 Resp: 683640
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

Manual Integrations

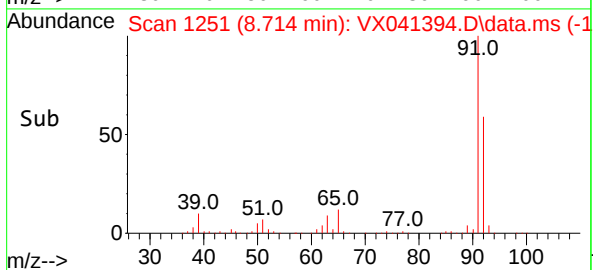
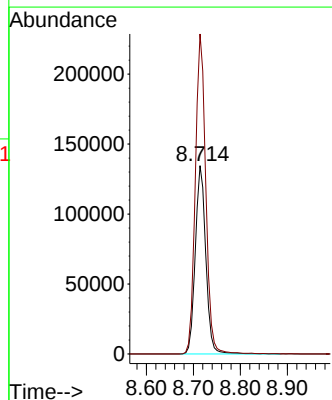
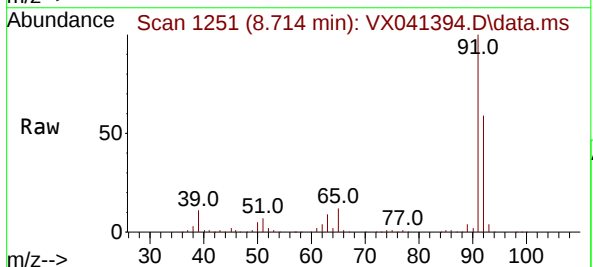
APPROVED

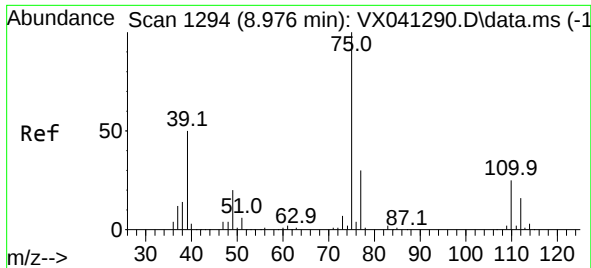
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#52
Toluene
Concen: 51.914 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 92 Resp: 210195
Ion Ratio Lower Upper
92 100
91 169.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.542 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 117524

Ion Ratio Lower Upper

75 100

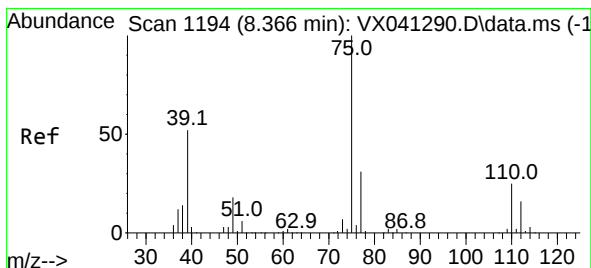
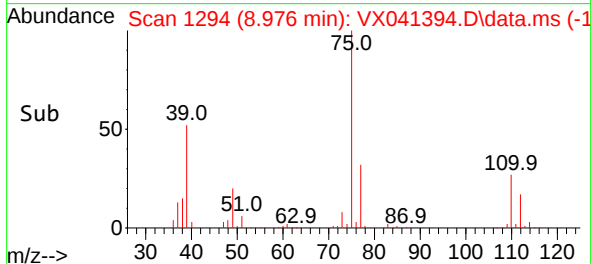
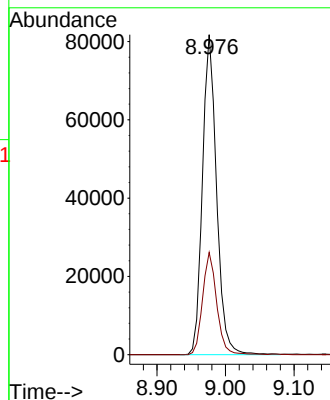
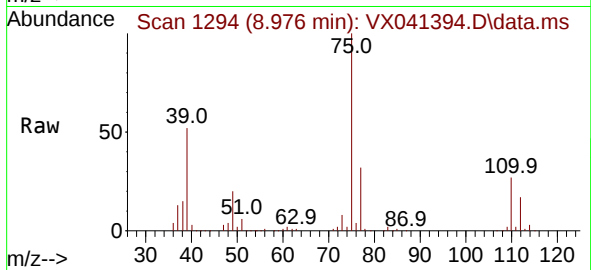
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#54

cis-1,3-Dichloropropene

Concen: 55.316 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

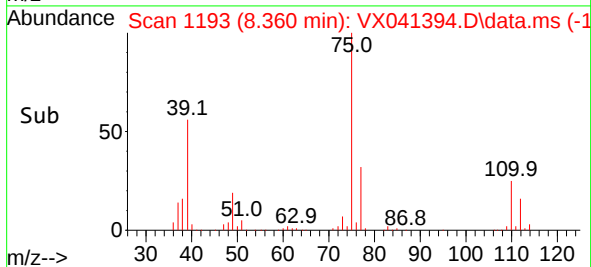
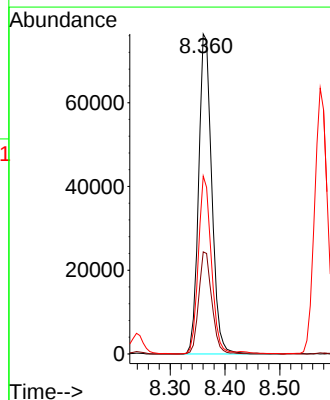
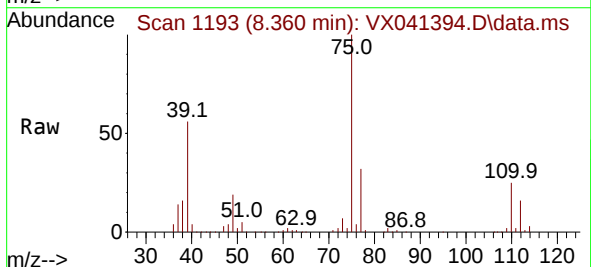
Tgt Ion: 75 Resp: 127575

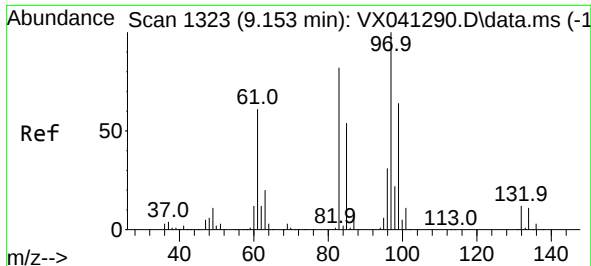
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 55.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.514 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

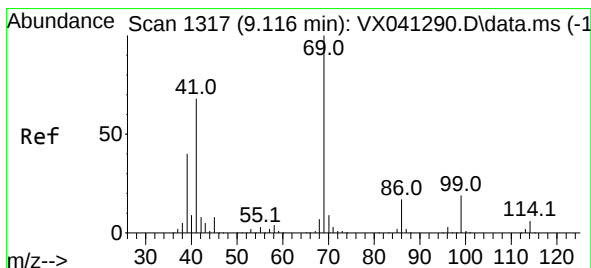
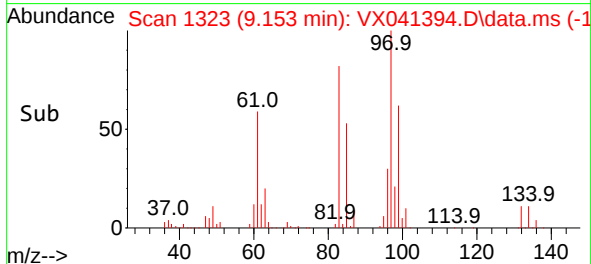
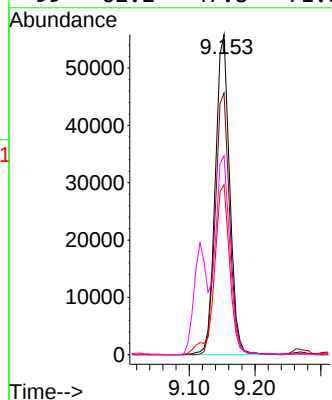
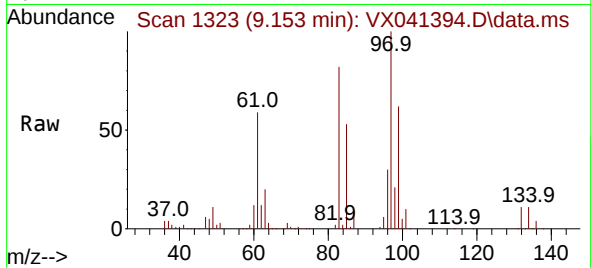
Tgt Ion: 97	Resp: 8500
Ion Ratio	Lower Upper
97 100	
83 81.7	65.8 98.8
85 53.1	41.6 62.4
99 62.2	47.8 71.8

Manual Integrations

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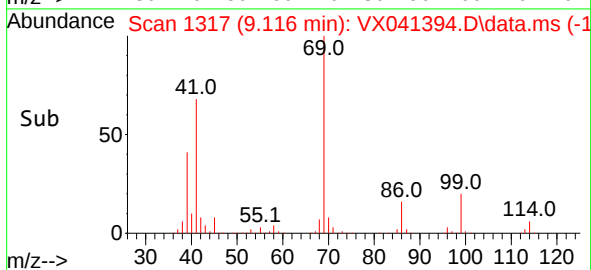
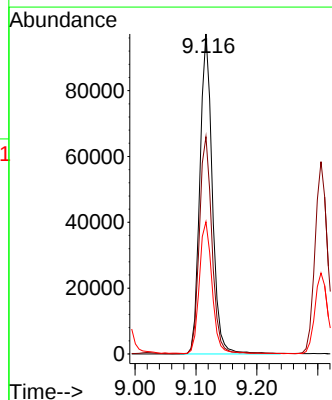
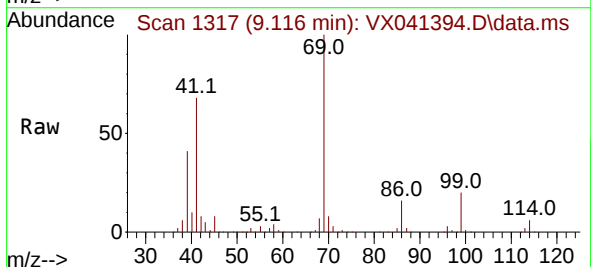
Reviewed By :John Carlone 05/08/2024

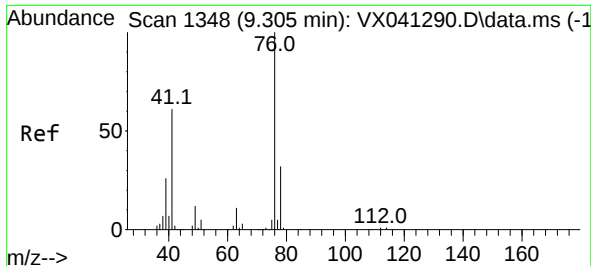
Supervised By :Mahesh Dadoda 05/08/2024



#56
Ethyl methacrylate
Concen: 57.189 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 69	Resp: 138006
Ion Ratio	Lower Upper
69 100	
41 68.9	56.8 85.2
39 42.0	32.0 48.0





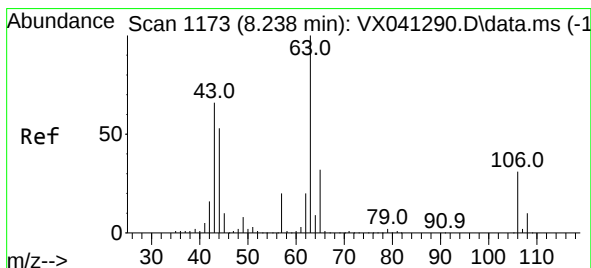
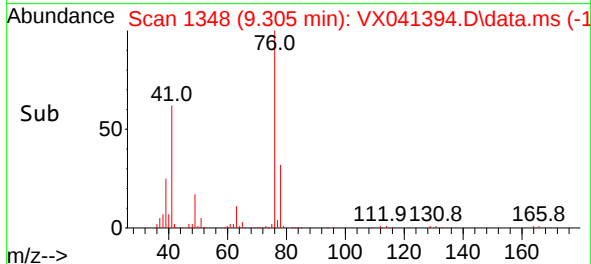
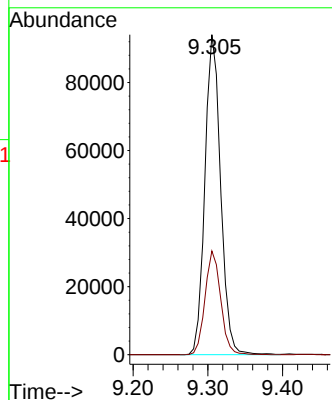
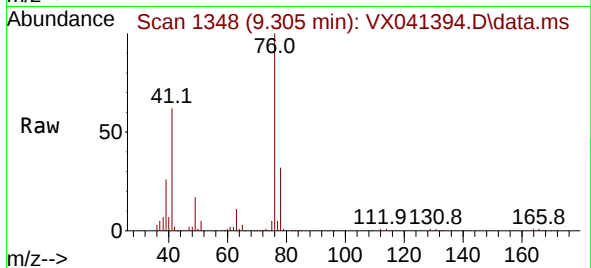
#57
1,3-Dichloropropane
Concen: 52.814 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 13743
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

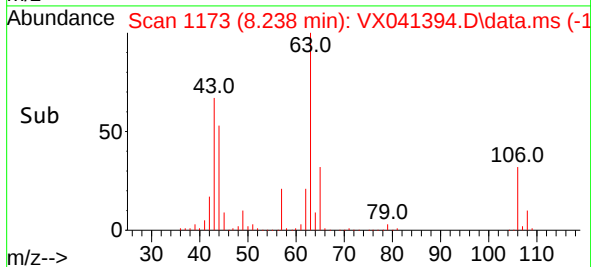
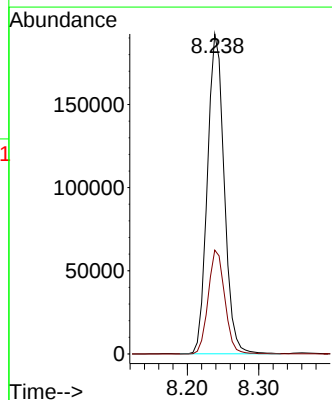
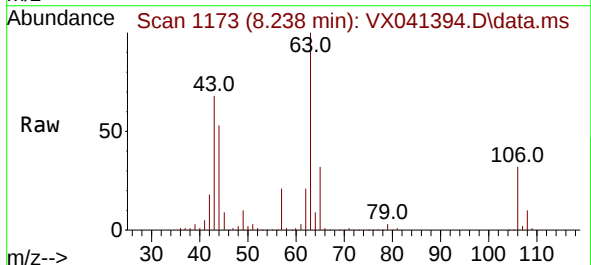
Manual Integrations
APPROVED

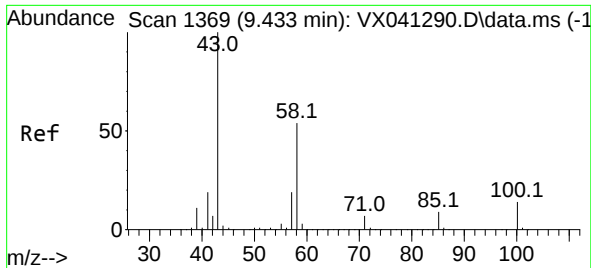
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#58
2-Chloroethyl Vinyl ether
Concen: 267.604 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

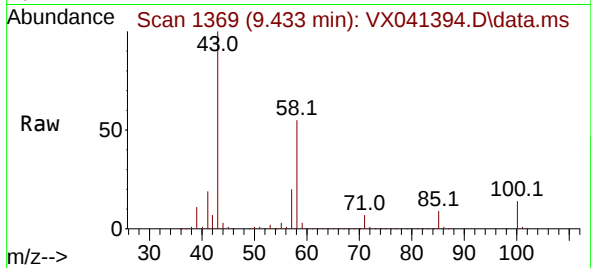
Tgt Ion: 63 Resp: 313120
Ion Ratio Lower Upper
63 100
106 32.2 22.5 33.7





#59
2-Hexanone
Concen: 282.754 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

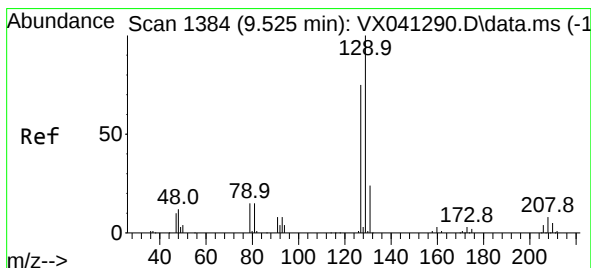
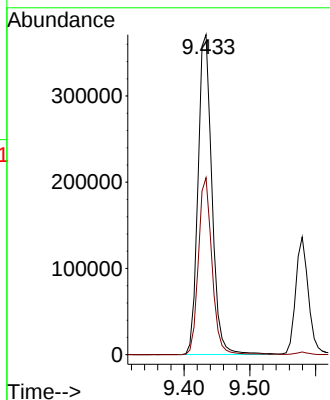
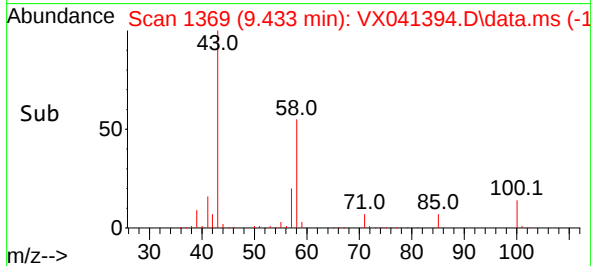
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 54647
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

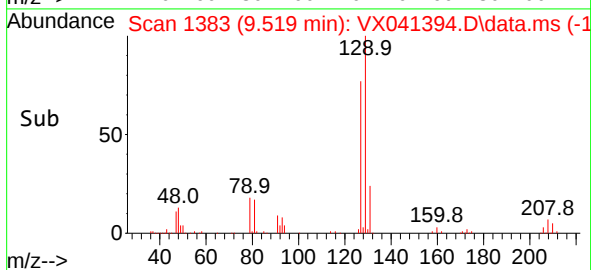
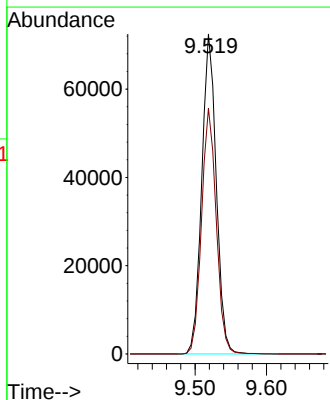
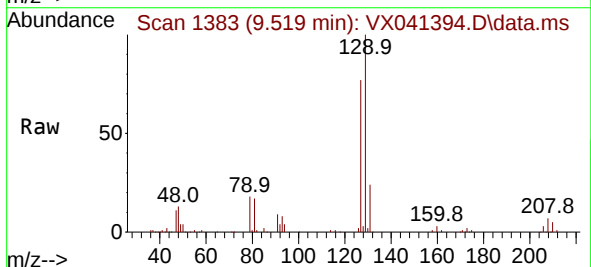
Manual Integrations
APPROVED

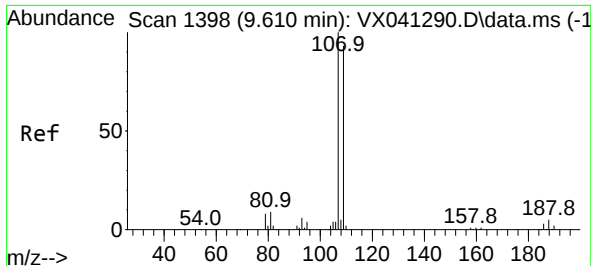
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#60
Dibromochloromethane
Concen: 55.705 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

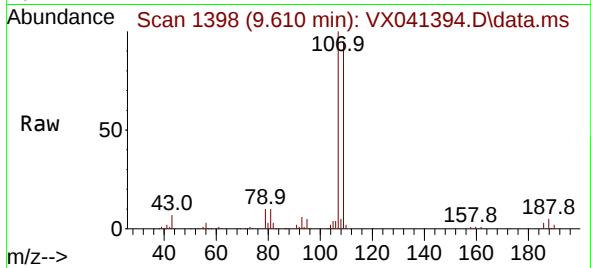
Tgt Ion:129 Resp: 102252
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.123 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

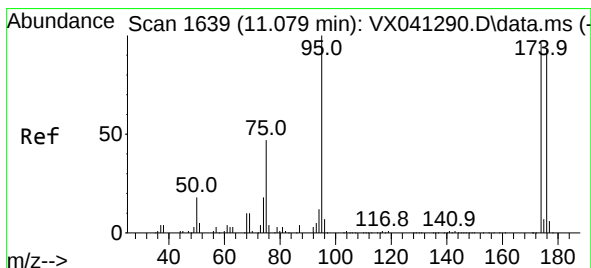
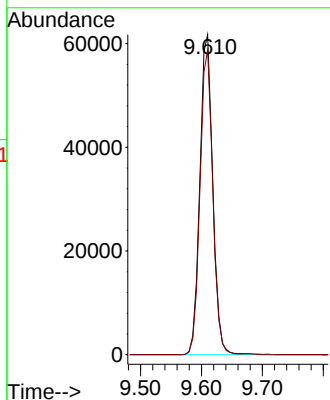
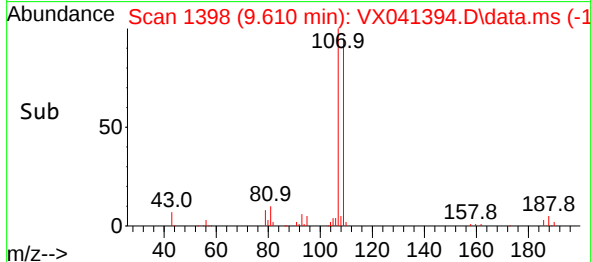
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



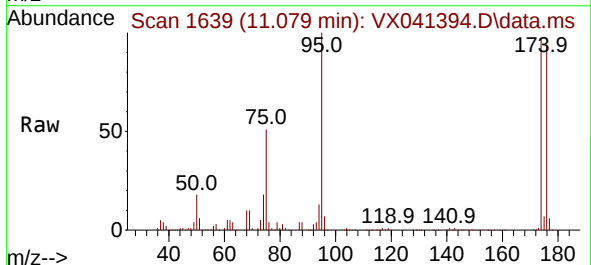
Tgt Ion:107 Resp: 91128
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

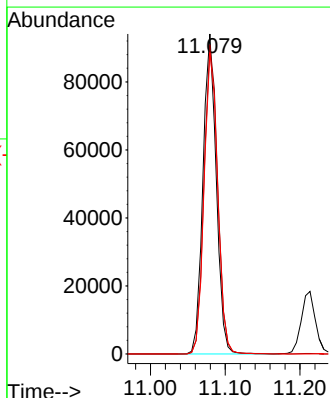
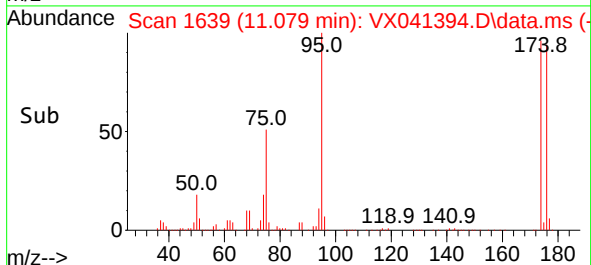
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

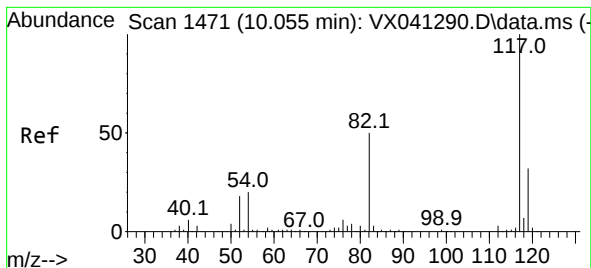


#62
4-Bromofluorobenzene
Concen: 52.787 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46



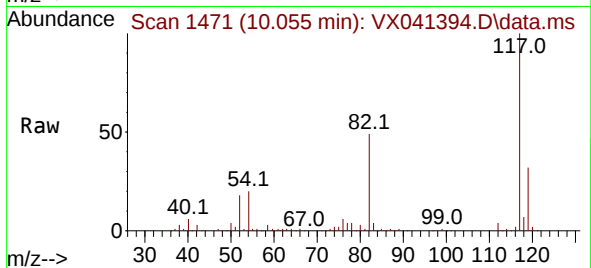
Tgt Ion: 95 Resp: 116128
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 96.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

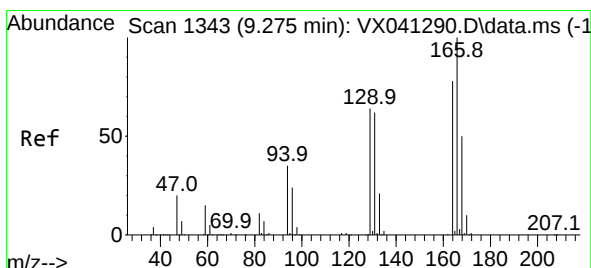
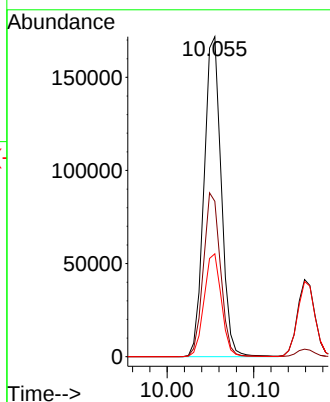
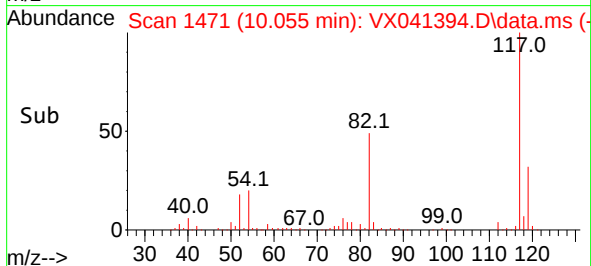
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 237088
Ion Ratio Lower Upper
117 100
82 48.6 46.2 69.4
119 32.1 25.5 38.3

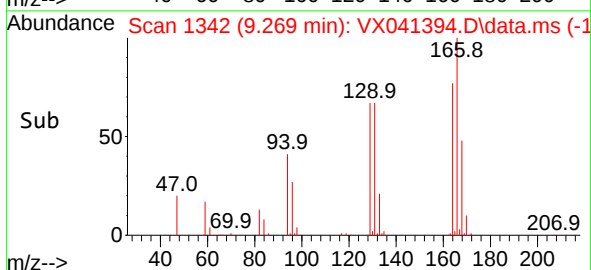
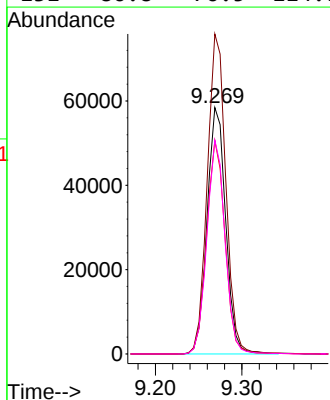
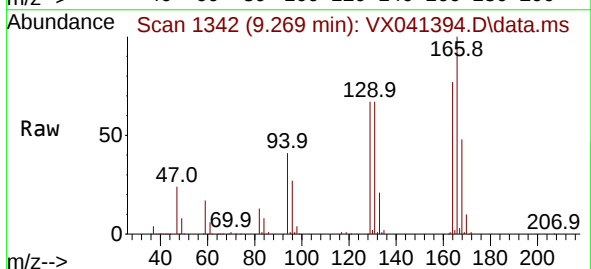
Manual Integrations
APPROVED

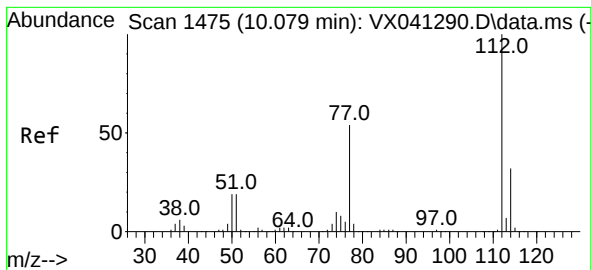
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#64
Tetrachloroethene
Concen: 51.032 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:164 Resp: 87614
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 86.5 80.4 120.6
131 86.8 76.5 114.7





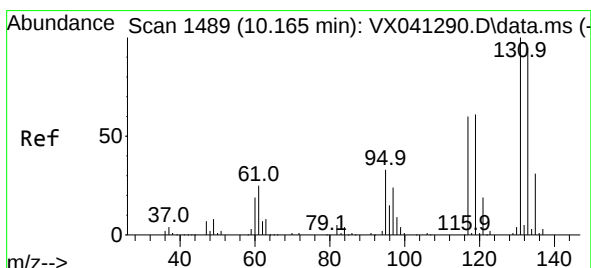
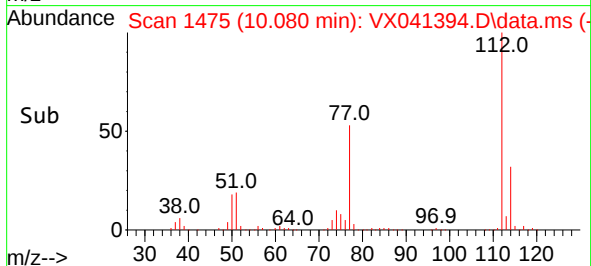
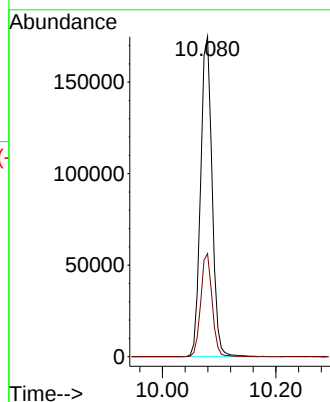
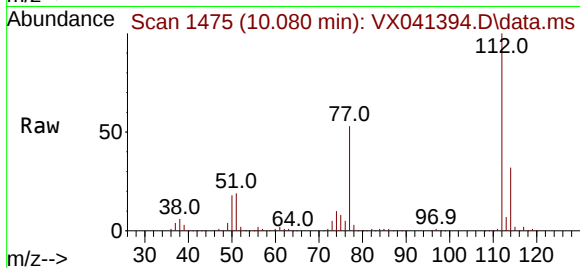
#65
Chlorobenzene
Concen: 51.042 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 245664
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

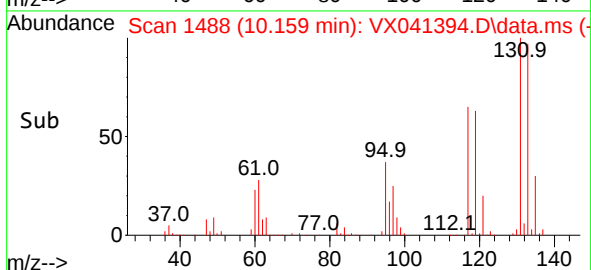
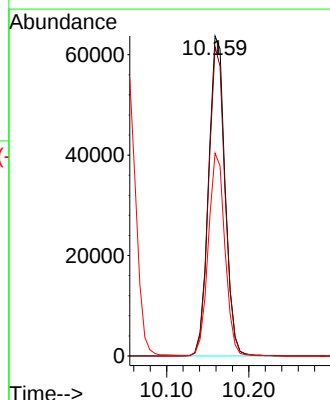
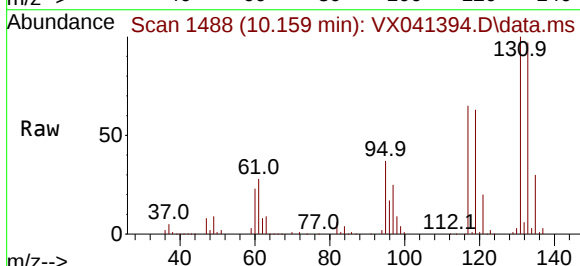
Manual Integrations
APPROVED

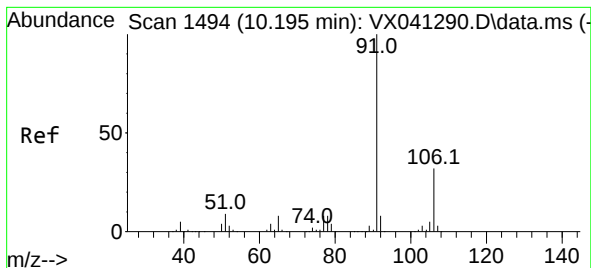
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.271 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:131 Resp: 88893
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 63.8 32.2 96.6





#67

Ethyl Benzene

Concen: 50.947 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 40455

Ion Ratio Lower Upper

91 100

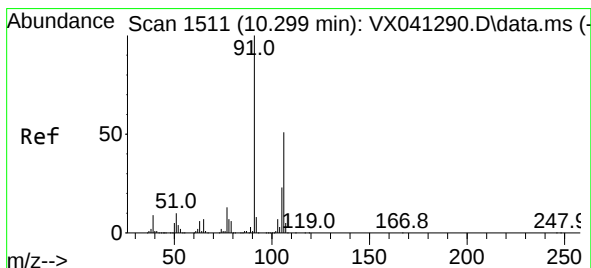
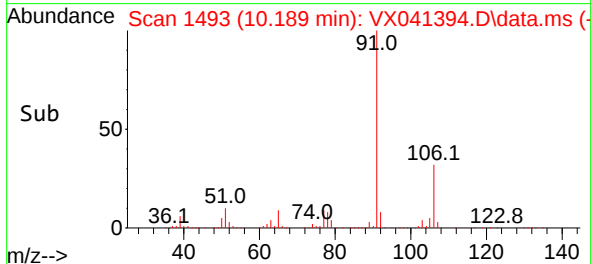
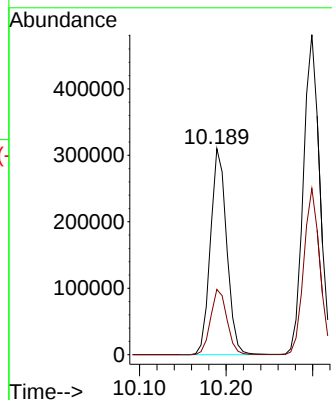
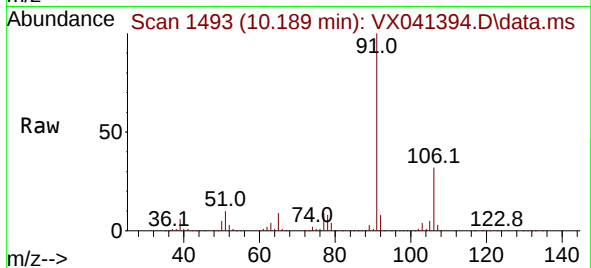
106 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#68

m/p-Xylenes

Concen: 101.847 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041394.D

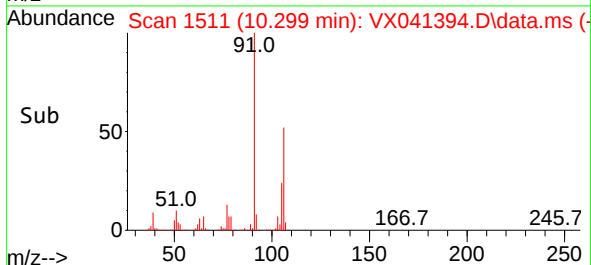
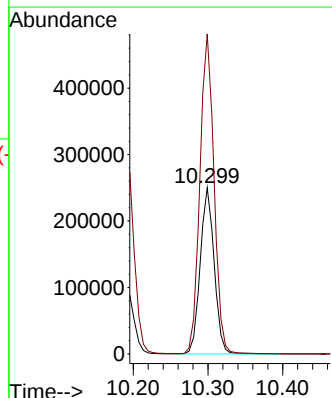
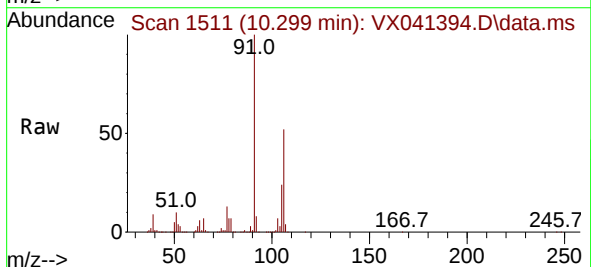
Acq: 07 May 2024 08:46

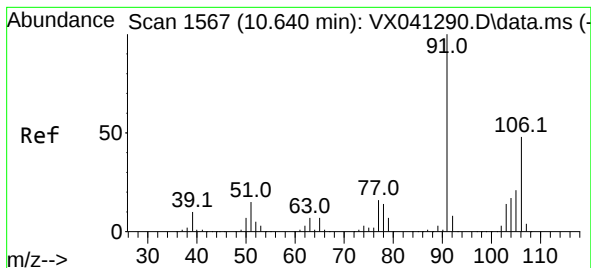
Tgt Ion:106 Resp: 323864

Ion Ratio Lower Upper

106 100

91 195.0 165.5 248.3





#69

o-Xylene

Concen: 52.634 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 160254

Ion Ratio Lower Upper

106 100

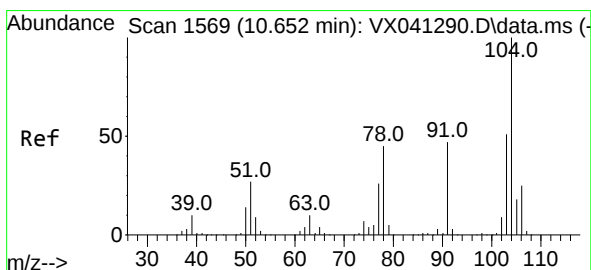
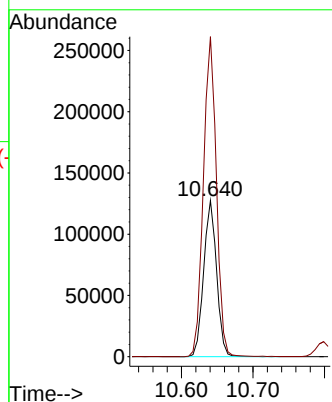
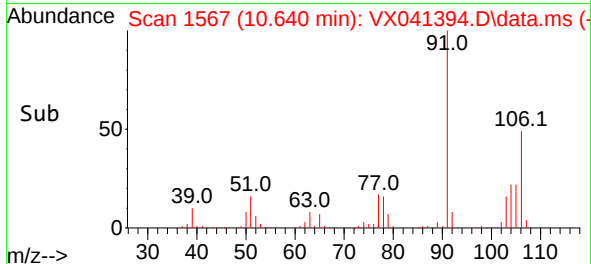
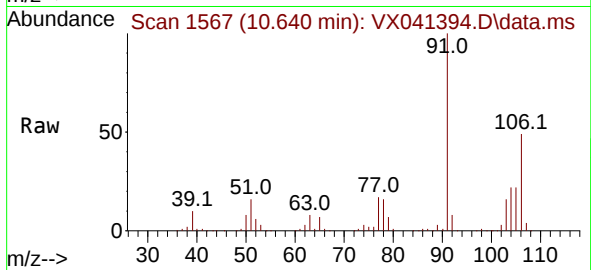
91 206.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#70

Styrene

Concen: 54.893 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

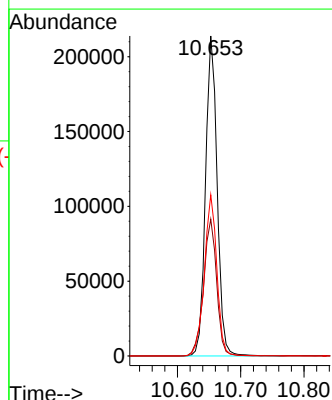
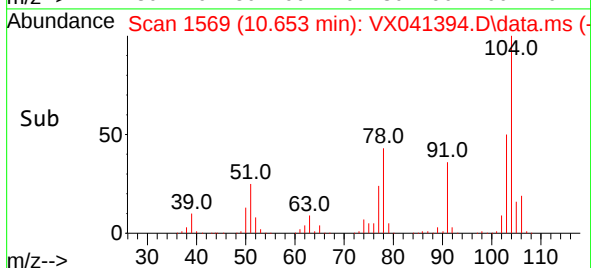
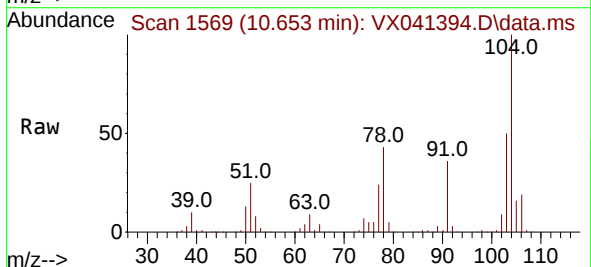
Tgt Ion:104 Resp: 274251

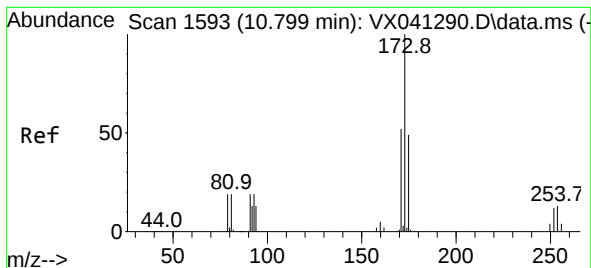
Ion Ratio Lower Upper

104 100

78 48.1 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 55.474 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 84428

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

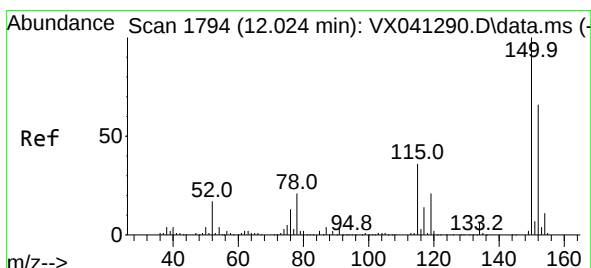
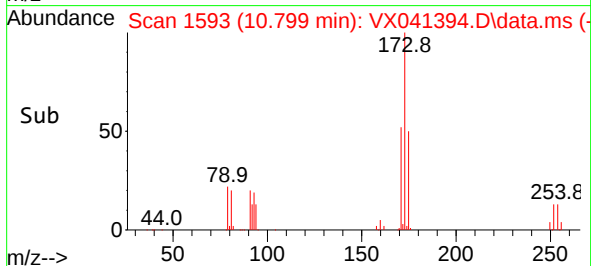
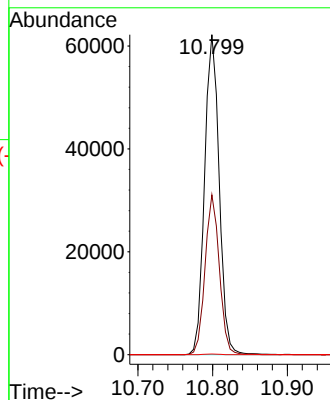
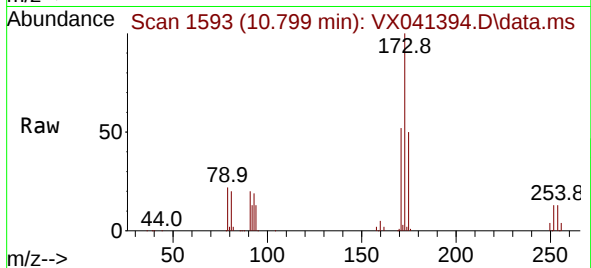
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

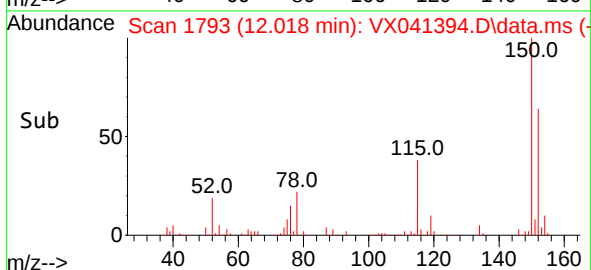
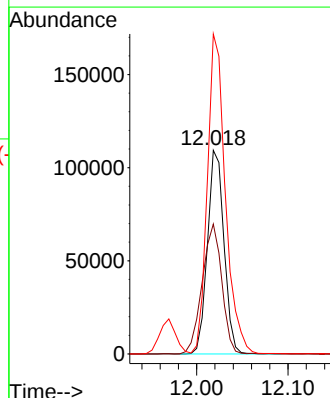
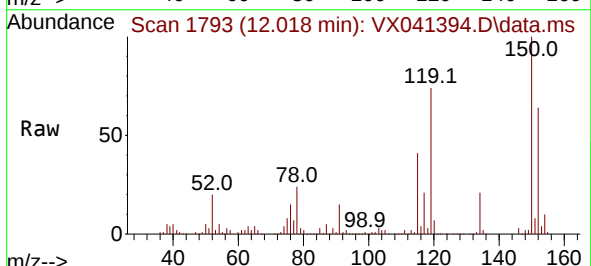
Tgt Ion:152 Resp: 137148

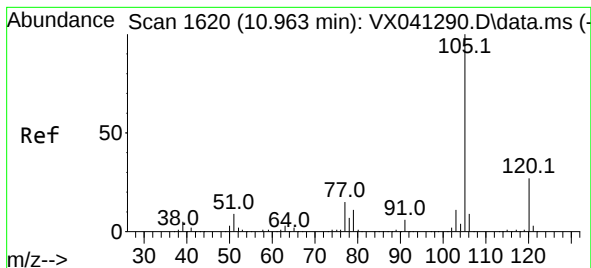
Ion Ratio Lower Upper

152 100

115 75.7 43.3 129.9

150 171.0 0.0 345.0





#73

Isopropylbenzene

Concen: 49.867 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 41747

Ion Ratio Lower Upper

105 100

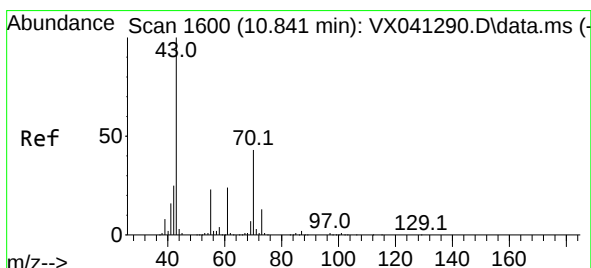
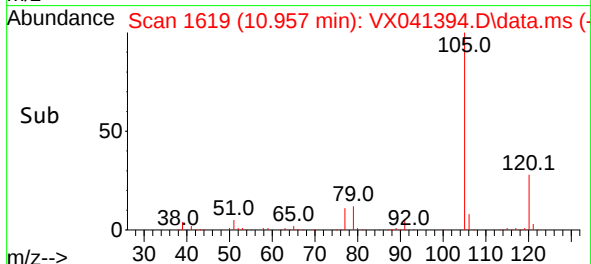
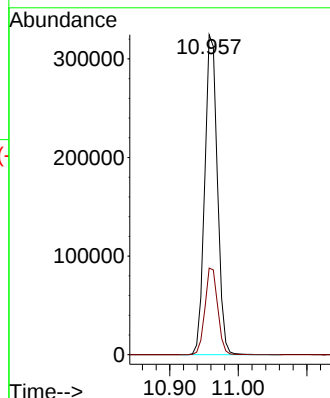
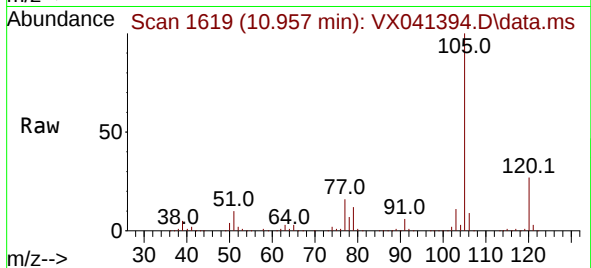
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#74

N-ethyl acetate

Concen: 52.199 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Tgt Ion: 43 Resp: 190919

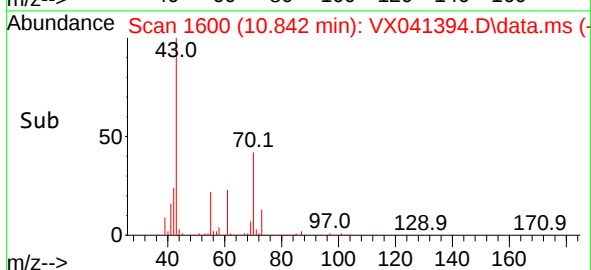
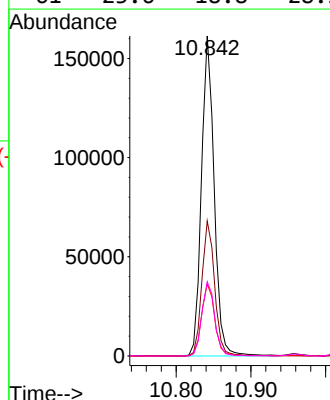
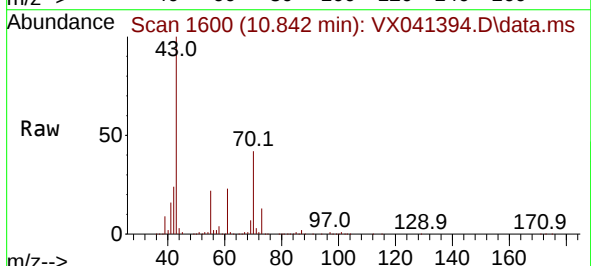
Ion Ratio Lower Upper

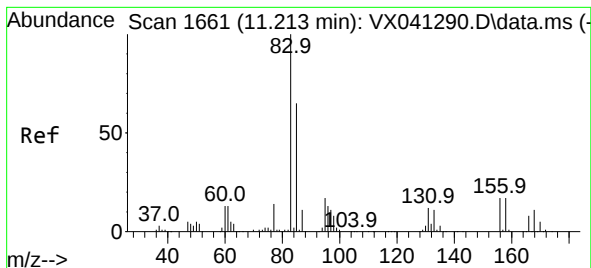
43 100

70 42.6 32.9 49.3

55 23.4 19.3 28.9

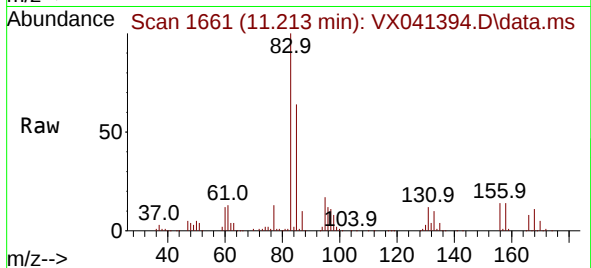
61 23.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.327 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

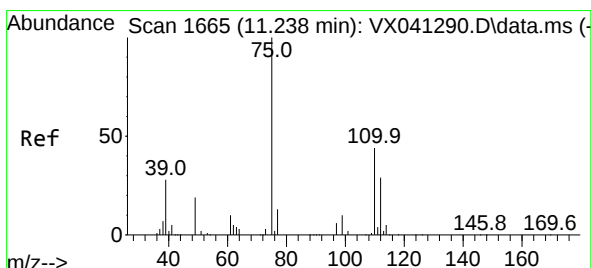
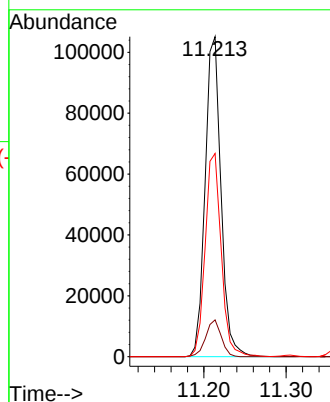
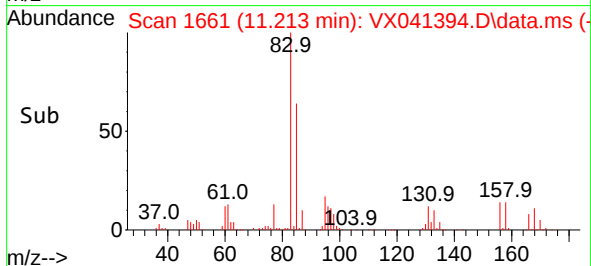
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



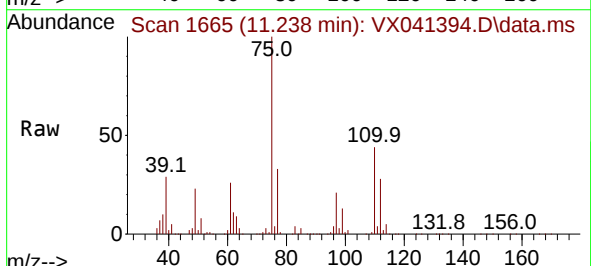
Tgt Ion: 83 Resp: 140802
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

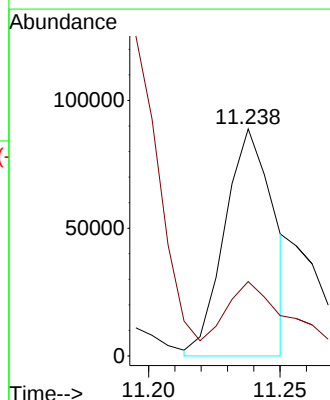
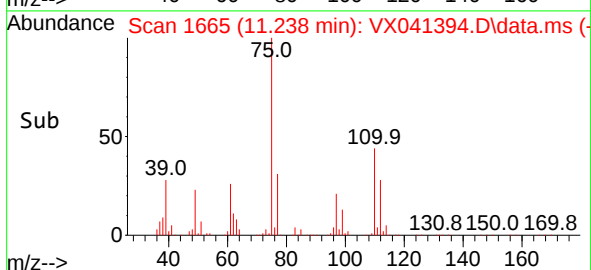
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

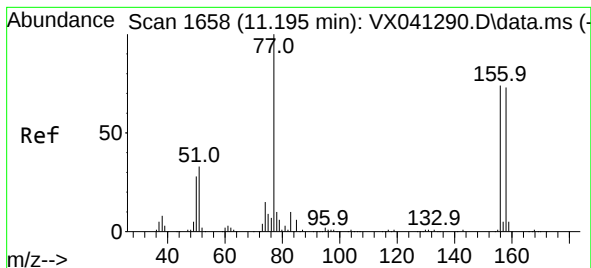


#76
1,2,3-Trichloropropane
Concen: 51.285 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46



Tgt Ion: 75 Resp: 114626
Ion Ratio Lower Upper
75 100
77 43.9 19.1 57.5





#77

Bromobenzene

Concen: 51.140 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

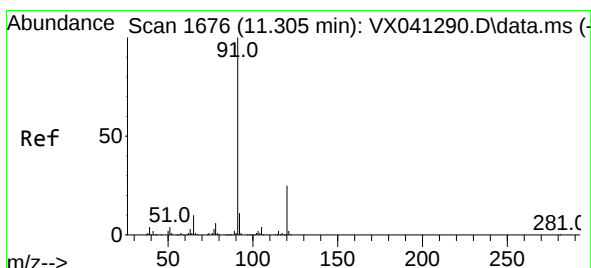
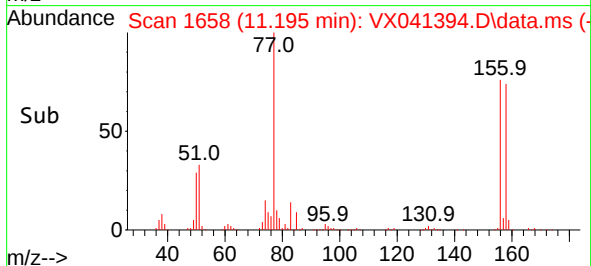
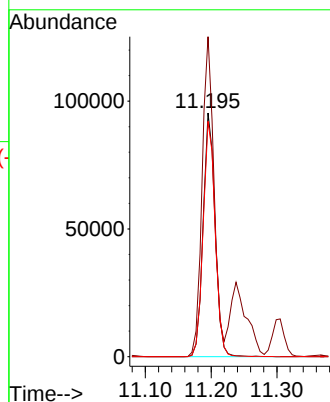
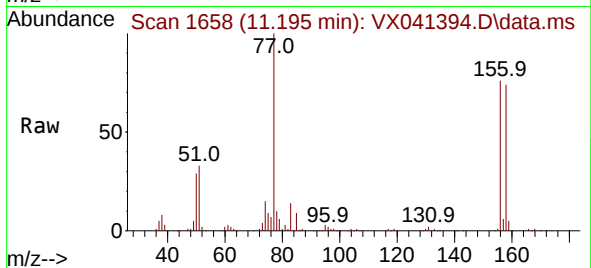
Tgt Ion:	156	Resp:	120835
Ion Ratio	Lower	Upper	
156	100		
77	130.1	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#78

n-propylbenzene

Concen: 53.260 ug/l

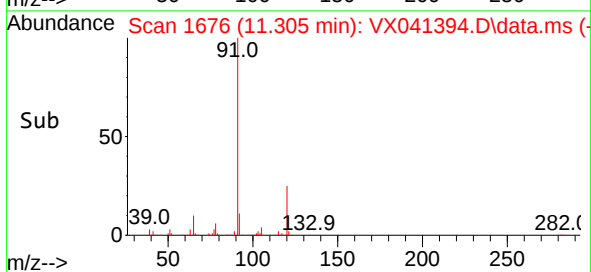
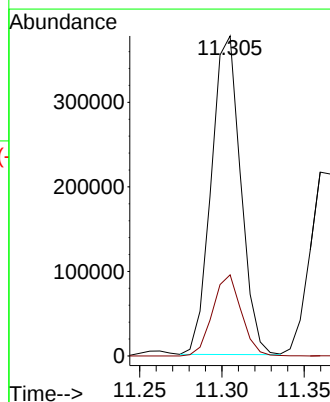
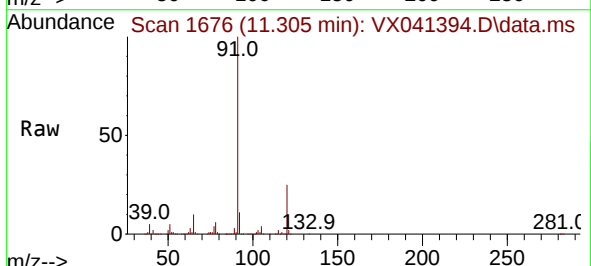
RT: 11.305 min Scan# 1676

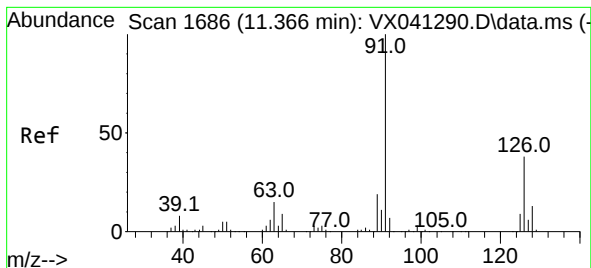
Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

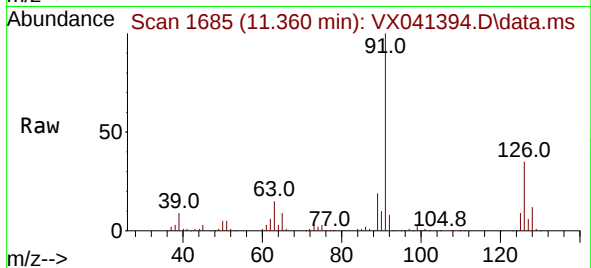
Tgt Ion:	91	Resp:	468308
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.149 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

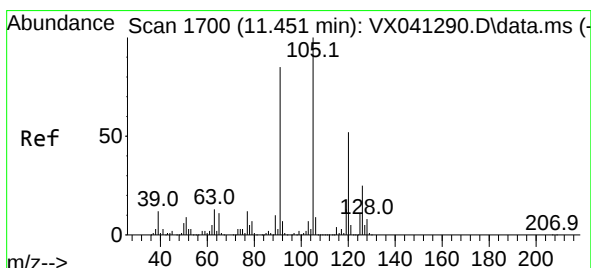
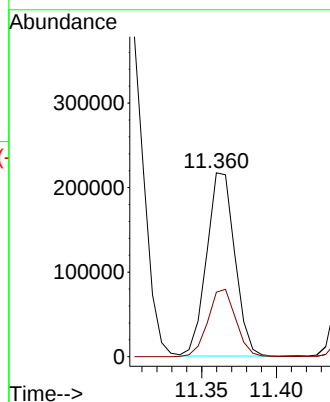
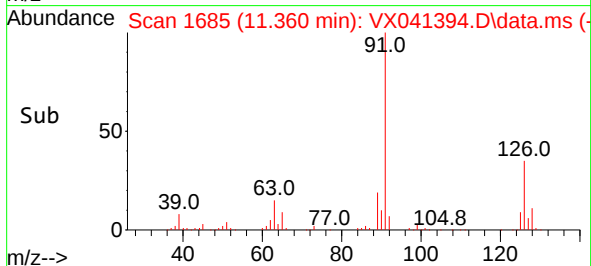
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



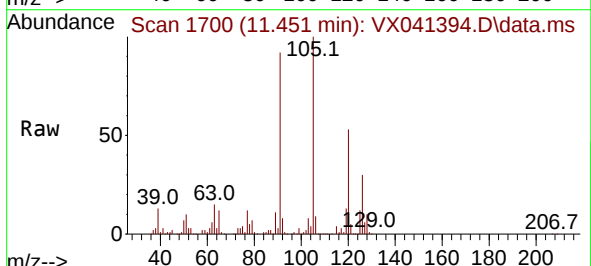
Tgt Ion: 91 Resp: 284159
Ion Ratio Lower Upper
91 100
126 36.4 16.3 48.8

Manual Integrations
APPROVED

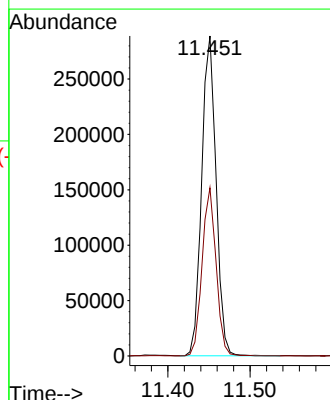
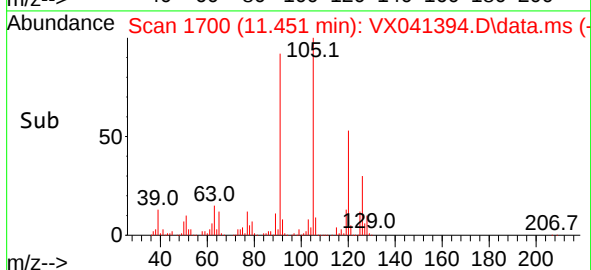
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

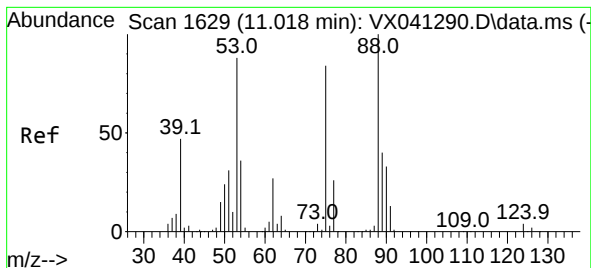


#80
1,3,5-Trimethylbenzene
Concen: 51.487 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46



Tgt Ion:105 Resp: 351380
Ion Ratio Lower Upper
105 100
120 51.3 24.1 72.3





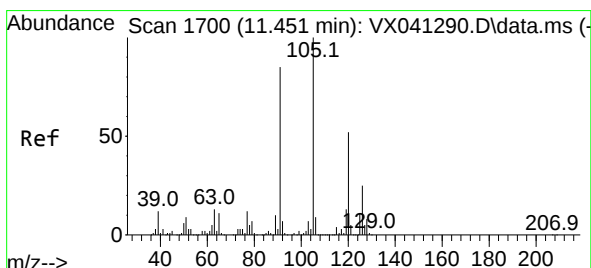
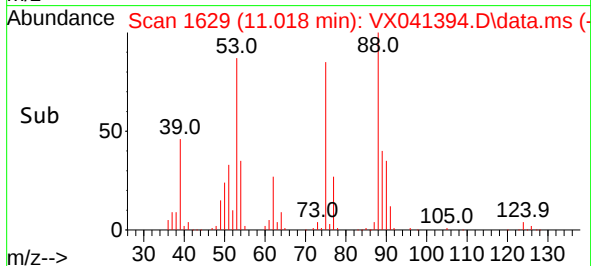
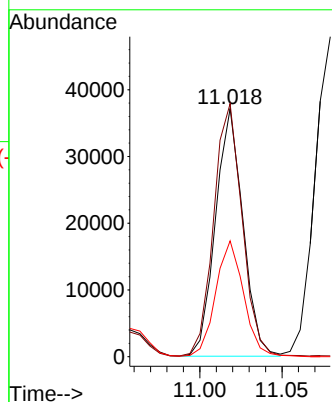
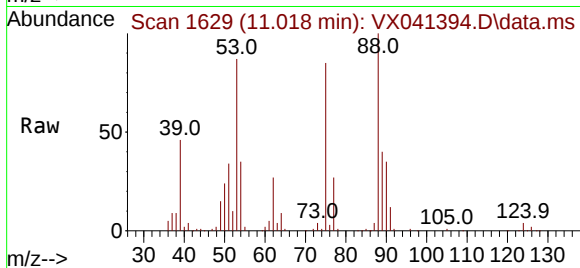
#81
trans-1,4-Dichloro-2-butene
Concen: 52.397 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42994
Ion Ratio Lower Upper
75 100
53 107.1 90.5 135.7
89 47.7 36.9 55.3

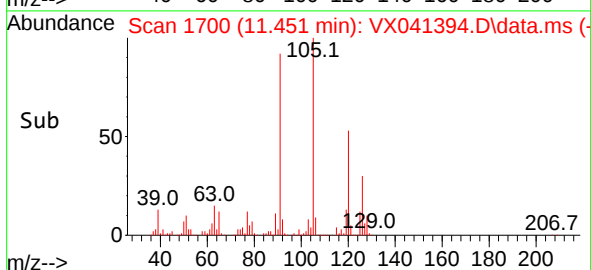
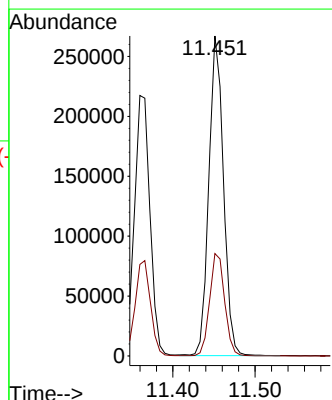
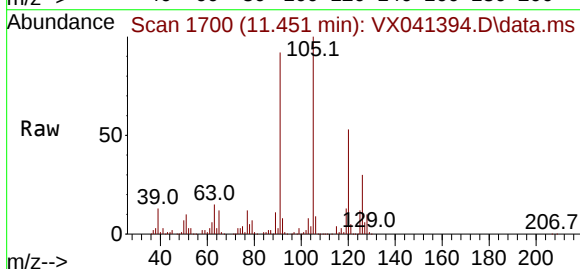
Manual Integrations
APPROVED

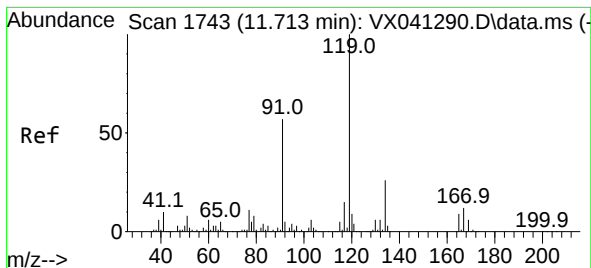
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#82
4-Chlorotoluene
Concen: 51.224 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion: 91 Resp: 329510
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.202 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

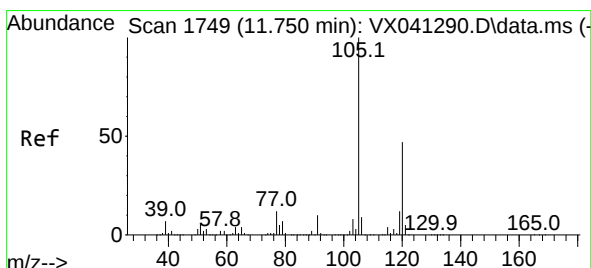
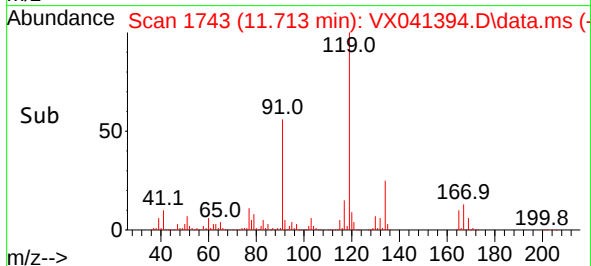
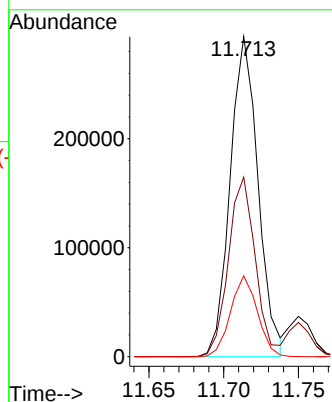
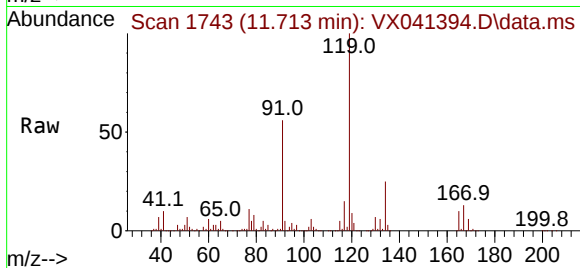
Tgt Ion:	119	Resp:	38150
Ion Ratio	Lower	Upper	
119	100		
91	54.3	31.2	93.6
134	24.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.509 ug/l

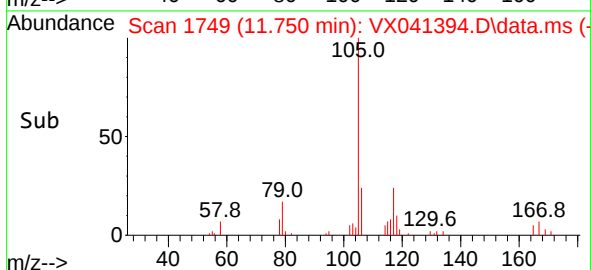
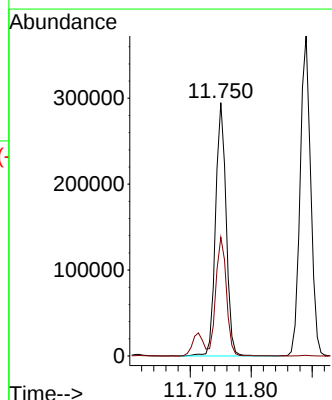
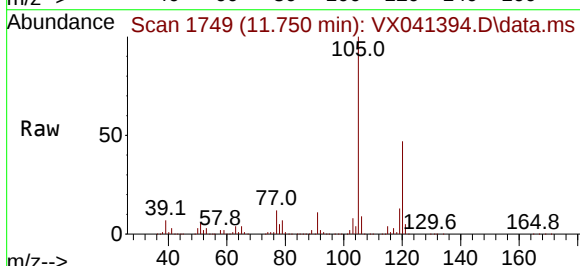
RT: 11.750 min Scan# 1749

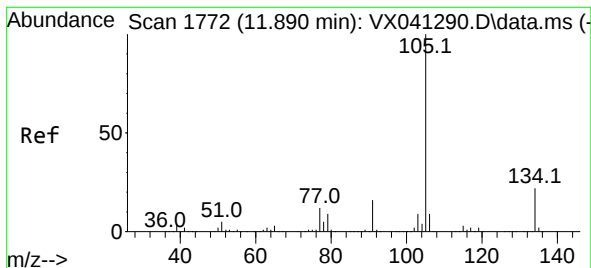
Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

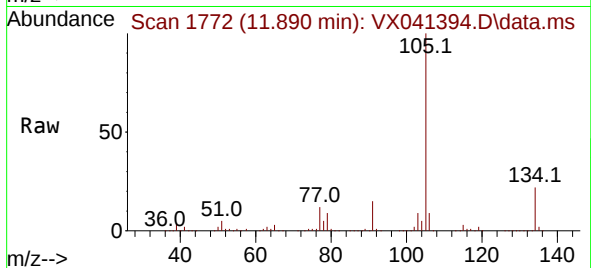
Tgt Ion:	105	Resp:	353707
Ion Ratio	Lower	Upper	
105	100		
120	47.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 53.624 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041394.D
 Acq: 07 May 2024 08:46

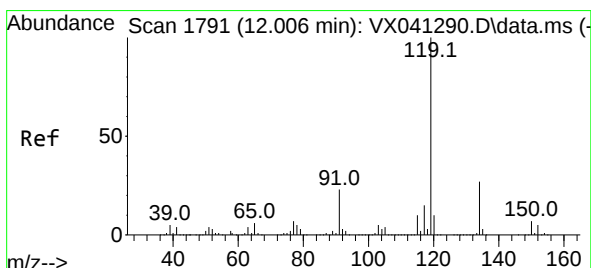
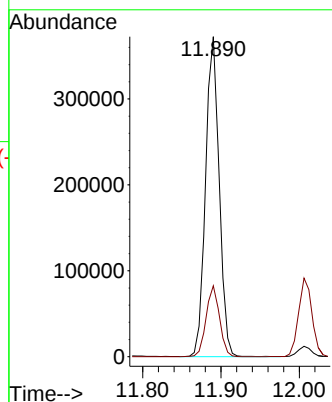
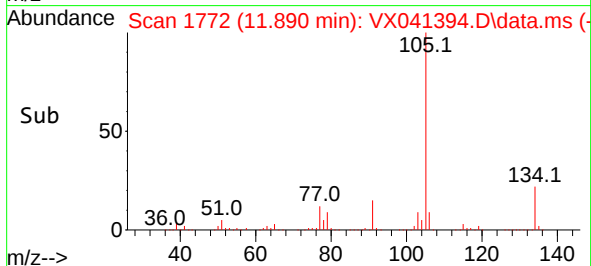
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



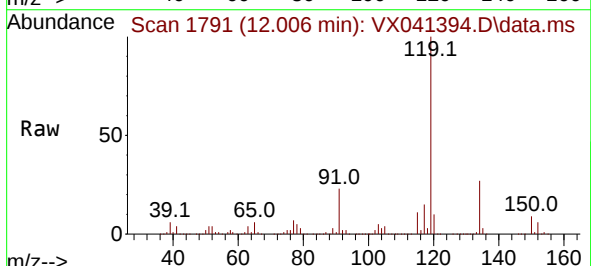
Tgt Ion:105 Resp: 449110
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

Manual Integrations
 APPROVED

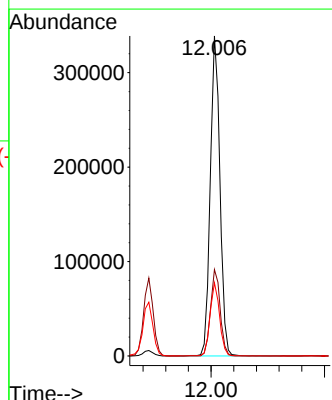
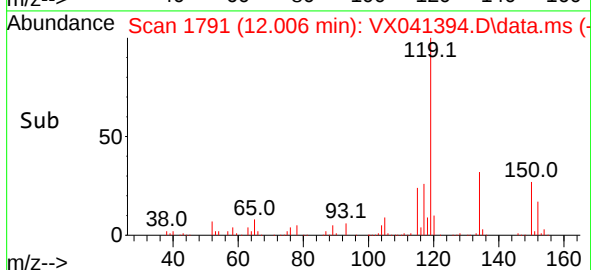
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024

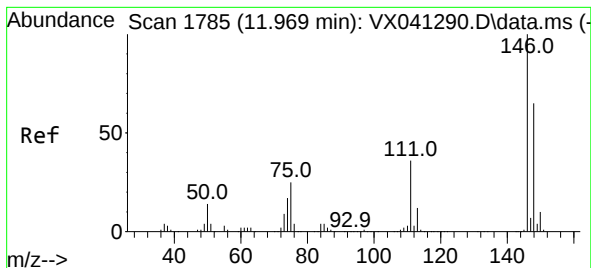


#86
 p-Isopropyltoluene
 Concen: 53.364 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041394.D
 Acq: 07 May 2024 08:46



Tgt Ion:119 Resp: 401394
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 22.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.291 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22028

Ion Ratio Lower Upper

146 100

111 36.6 22.1 66.1

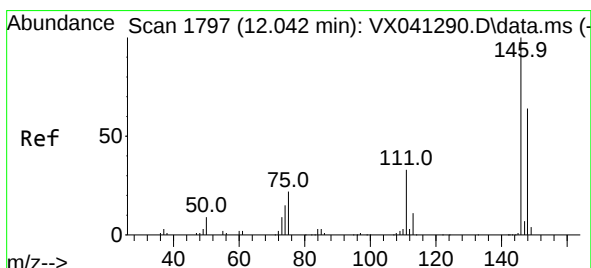
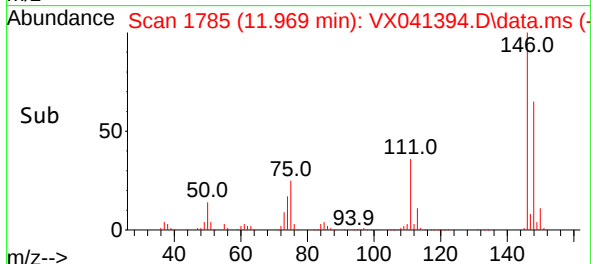
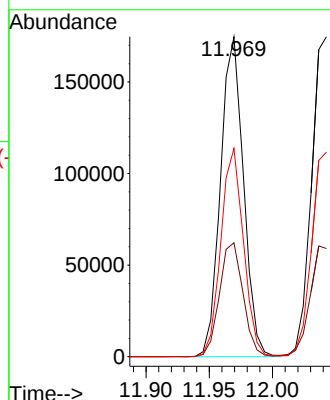
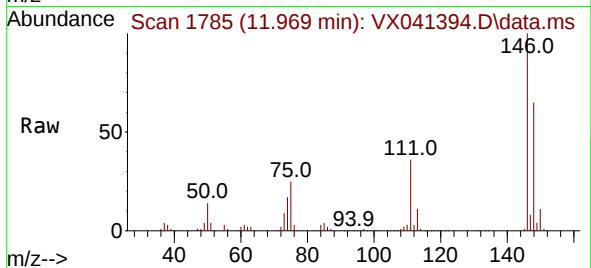
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#88

1,4-Dichlorobenzene

Concen: 50.422 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

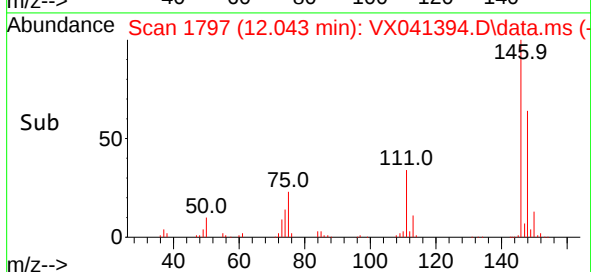
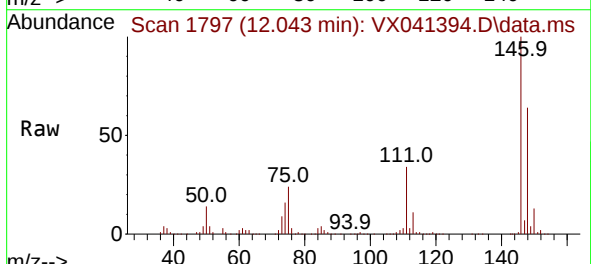
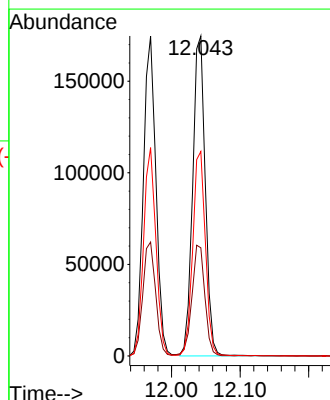
Tgt Ion:146 Resp: 223107

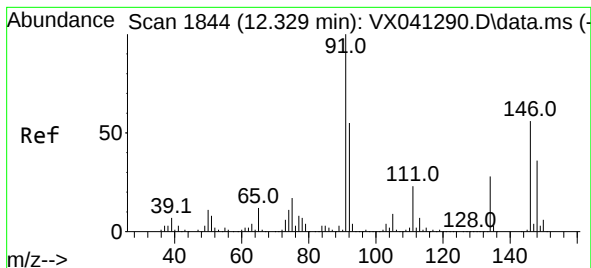
Ion Ratio Lower Upper

146 100

111 35.6 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 53.069 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32098

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

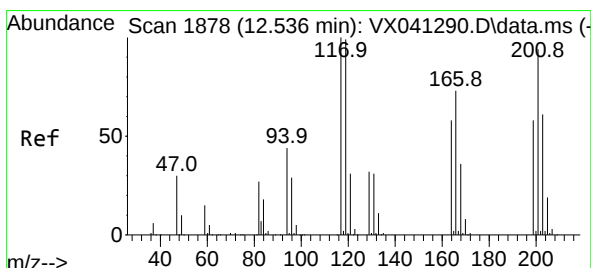
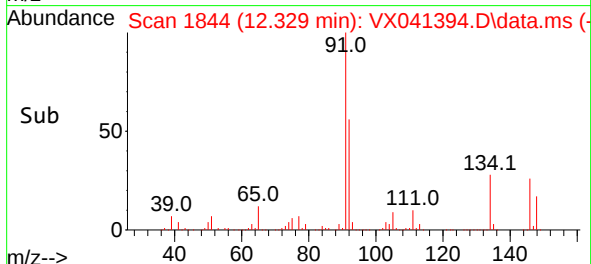
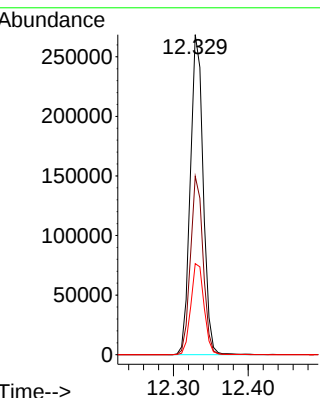
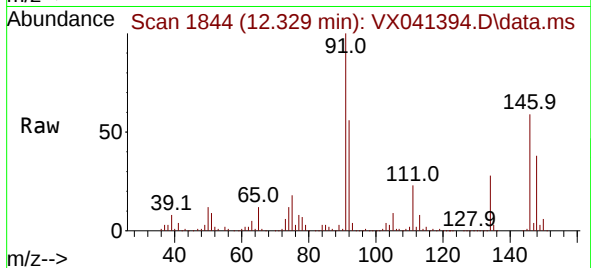
134 29.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#90

Hexachloroethane

Concen: 53.571 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041394.D

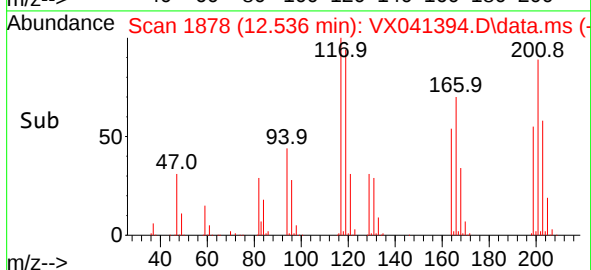
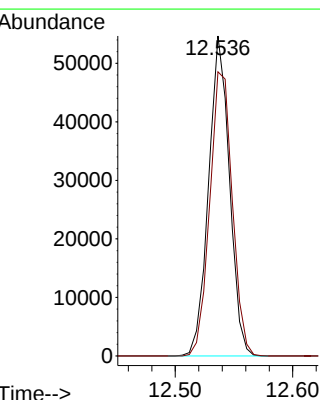
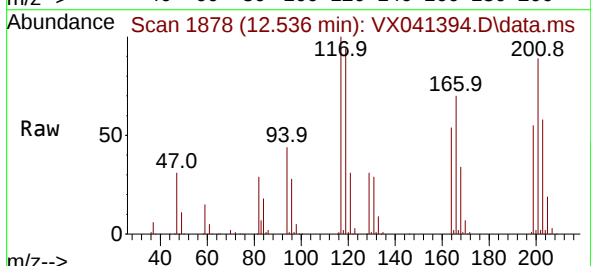
Acq: 07 May 2024 08:46

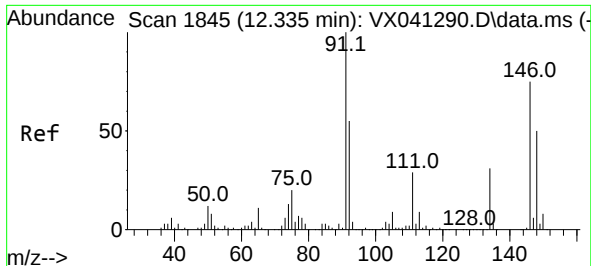
Tgt Ion:117 Resp: 67388

Ion Ratio Lower Upper

117 100

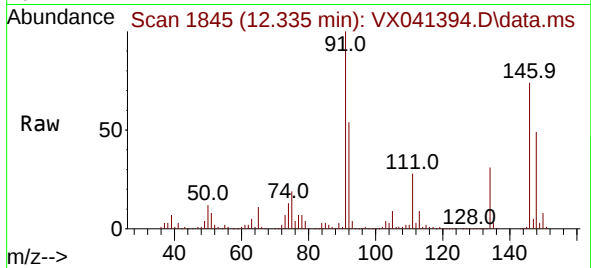
201 95.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.914 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

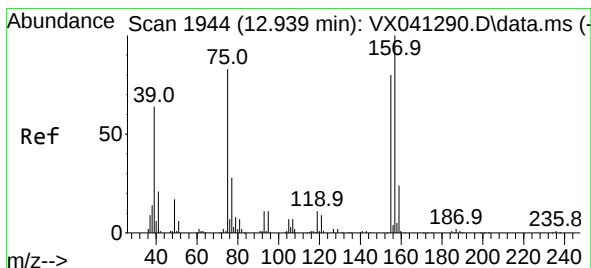
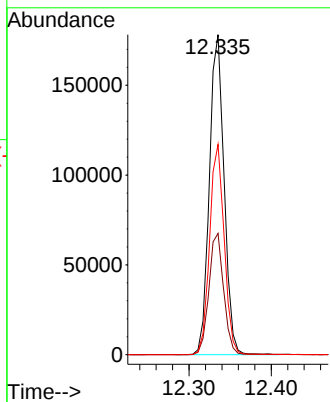
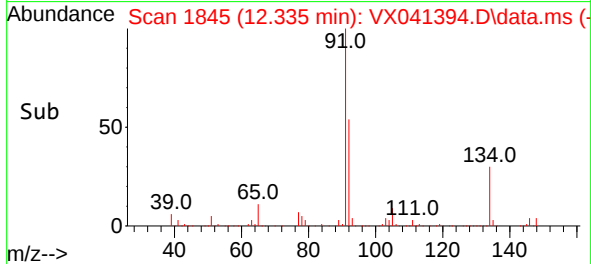
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



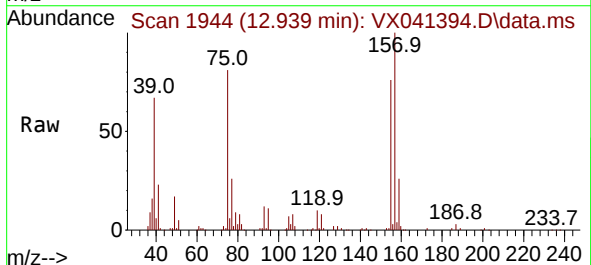
Tgt Ion:146 Resp: 22188
Ion Ratio Lower Upper
146 100
111 38.2 22.4 67.0
148 65.2 31.6 95.0

Manual Integrations
APPROVED

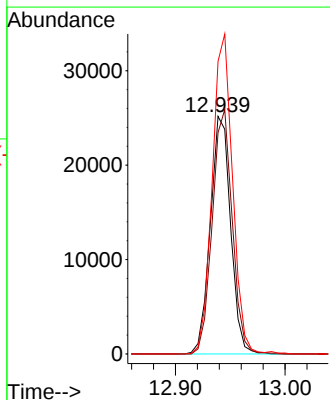
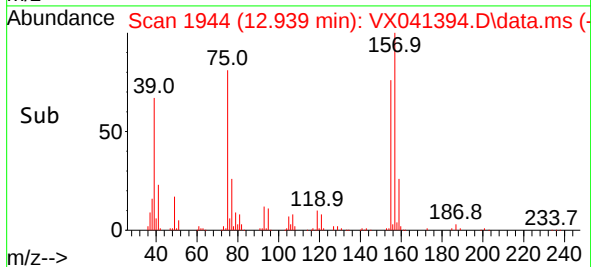
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

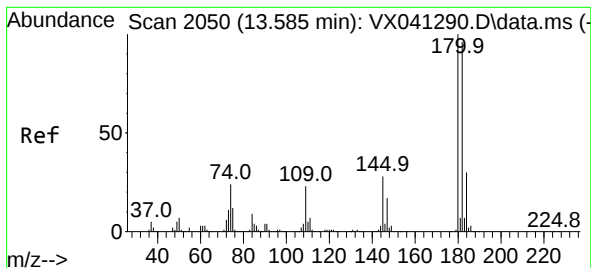


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.120 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46



Tgt Ion: 75 Resp: 32405
Ion Ratio Lower Upper
75 100
155 101.0 36.1 108.5
157 134.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.707 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041394.D

Acq: 07 May 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 163958

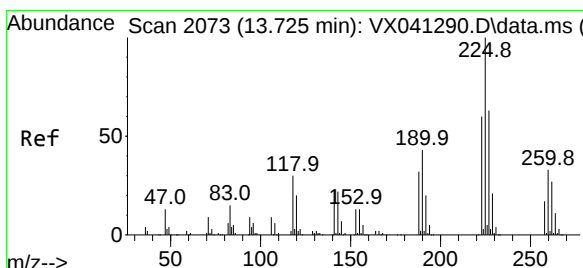
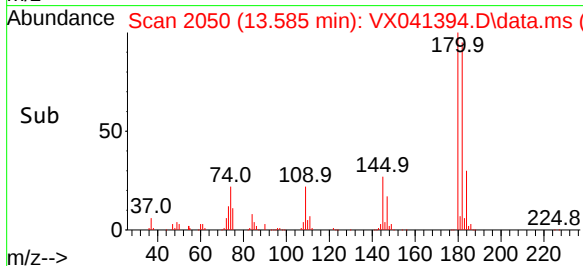
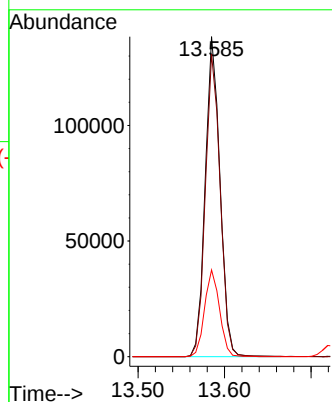
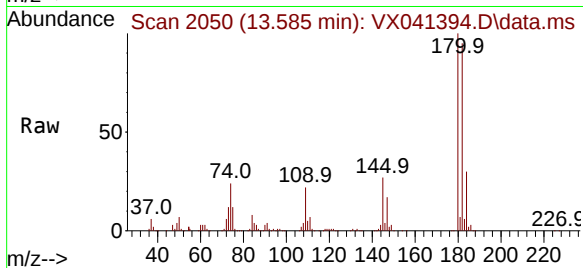
Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.3	144.8
145	27.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#94

Hexachlorobutadiene

Concen: 51.211 ug/l

RT: 13.725 min Scan# 2073

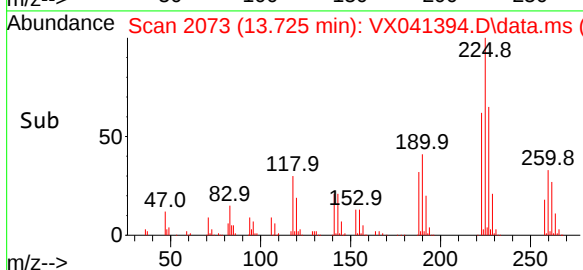
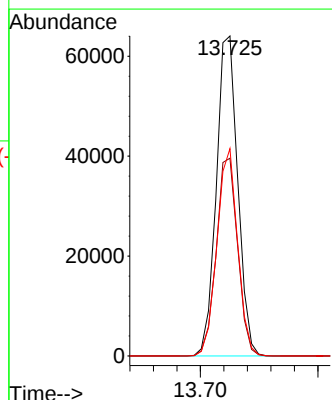
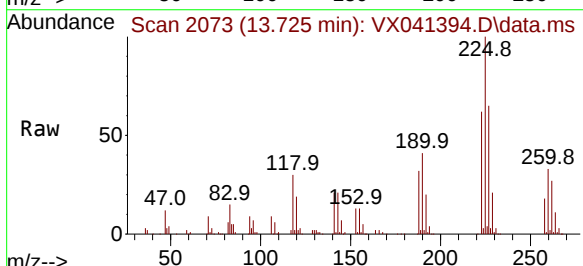
Delta R.T. 0.000 min

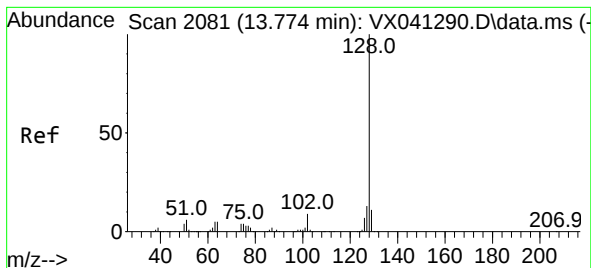
Lab File: VX041394.D

Acq: 07 May 2024 08:46

Tgt Ion:225 Resp: 81090

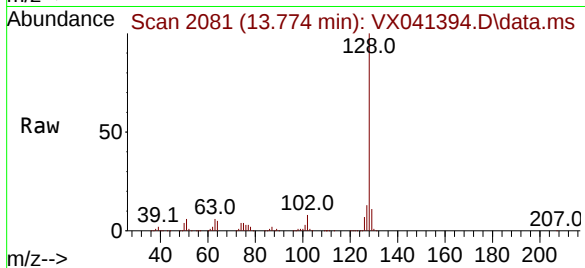
Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.1	93.2
227	62.4	32.5	97.5





#95
Naphthalene
Concen: 50.904 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

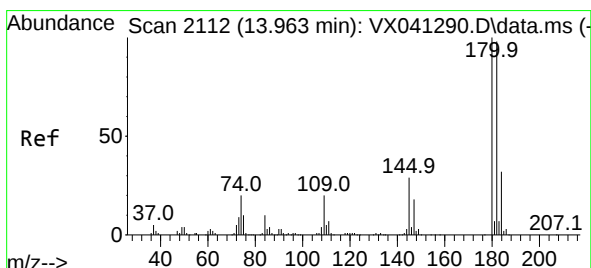
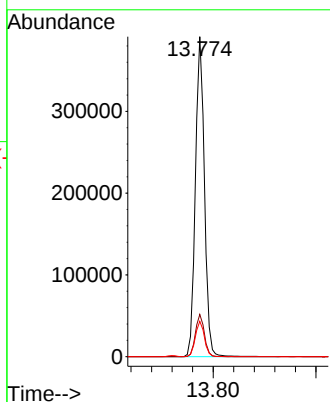
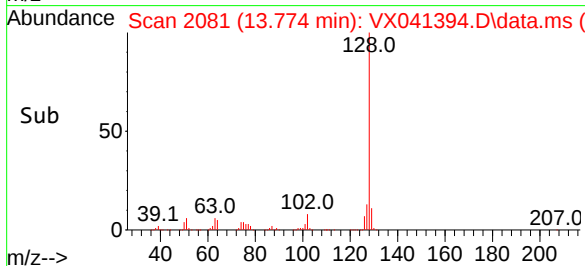
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 47832
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.707 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX041394.D
Acq: 07 May 2024 08:46

Tgt Ion:180 Resp: 167566
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 29.0 17.8 53.5

