

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030290.D
 Acq On : 29 Jul 2022 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 04:50:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164460	52.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	5.391	113	132024	52.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.653	98	503324	51.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.085	95	192334	52.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131424	51.369	ug/l	96
3) Chloromethane	1.288	50	111817	44.197	ug/l	97
4) Vinyl Chloride	1.374	62	125007	48.955	ug/l	99
5) Bromomethane	1.605	94	52741	60.046	ug/l	97
6) Chloroethane	1.679	64	74960	51.126	ug/l	99
7) Trichlorofluoromethane	1.880	101	174179	51.774	ug/l	97
8) Diethyl Ether	2.136	74	67796	51.462	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	129141	51.826	ug/l	99
10) Methyl Iodide	2.453	142	100676	41.717	ug/l	96
11) Tert butyl alcohol	2.989	59	208713	273.032	ug/l	100
12) 1,1-Dichloroethene	2.319	96	124815	51.245	ug/l	91
13) Acrolein	2.239	56	55355	294.620	ug/l	100
14) Allyl chloride	2.666	41	260606	51.851	ug/l	98
15) Acrylonitrile	3.068	53	487064	257.834	ug/l	98
16) Acetone	2.386	43	457621	285.223	ug/l	95
17) Carbon Disulfide	2.508	76	300619	45.723	ug/l	98
18) Methyl Acetate	2.709	43	246841	52.014	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	455542	54.601	ug/l	100
20) Methylene Chloride	2.788	84	145741	53.156	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	133288	49.579	ug/l	97
22) Diisopropyl ether	3.764	45	525687	55.280	ug/l	90
23) Vinyl Acetate	3.727	43	2281712	276.602	ug/l	98
24) 1,1-Dichloroethane	3.611	63	264569	52.357	ug/l	99
25) 2-Butanone	4.562	43	736436	273.145	ug/l	96
26) 2,2-Dichloropropane	4.483	77	205616	56.272	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	163213	51.627	ug/l	93
28) Bromochloromethane	4.904	49	112341	52.624	ug/l	93
29) Tetrahydrofuran	5.013	42	468612	258.322	ug/l	94
30) Chloroform	5.099	83	264505	52.867	ug/l	100
31) Cyclohexane	5.471	56	234997	51.647	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	215695	53.037	ug/l	99
36) 1,1-Dichloropropene	5.690	75	192236	52.885	ug/l	97
37) Ethyl Acetate	4.715	43	267863	52.037	ug/l	97
38) Carbon Tetrachloride	5.678	117	178253	52.528	ug/l	98
39) Methylcyclohexane	7.385	83	241402	51.450	ug/l	94
40) Benzene	6.037	78	586686	51.298	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	146742	53.181	ug/l	96
42) 1,2-Dichloroethane	6.092	62	206344	52.214	ug/l	97
43) Isopropyl Acetate	6.342	43	408234	54.099	ug/l	97
44) Trichloroethene	7.129	130	154768	49.525	ug/l	98
45) 1,2-Dichloropropane	7.434	63	160922	52.755	ug/l	96
46) Dibromomethane	7.586	93	102515	49.419	ug/l	97
47) Bromodichloromethane	7.824	83	201893	53.538	ug/l	99
48) Methyl methacrylate	7.696	41	202859	54.617	ug/l	94
49) 1,4-Dioxane	7.671	88	82254	958.829	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1356854	264.858	ug/l	97
52) Toluene	8.720	92	361538	51.813	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	225583	55.494	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	243113	54.881	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	151008	50.829	ug/l	97
56) Ethyl methacrylate	9.116	69	255729	54.451	ug/l	94
57) 1,3-Dichloropropane	9.311	76	255268	52.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	658258	282.411	ug/l	96
59) 2-Hexanone	9.433	43	1079042	266.976	ug/l	97
60) Dibromochloromethane	9.525	129	148346	53.941	ug/l	99
61) 1,2-Dibromoethane	9.610	107	157980	50.926	ug/l	99
64) Tetrachloroethene	9.275	164	142489	48.959	ug/l	97
65) Chlorobenzene	10.079	112	380121	51.763	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	137058	54.903	ug/l	99
67) Ethyl Benzene	10.195	91	705907	50.236	ug/l	99
68) m/p-Xylenes	10.305	106	525604	105.655	ug/l	93
69) o-Xylene	10.646	106	262866	53.613	ug/l	93
70) Styrene	10.659	104	441614	54.822	ug/l	97
71) Bromoform	10.799	173	102529	55.866	ug/l #	98
73) Isopropylbenzene	10.963	105	695364	53.516	ug/l	99
74) N-amyl acetate	10.848	43	352628	55.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	239717	50.404	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	234956m	53.553	ug/l	
77) Bromobenzene	11.201	156	153235	50.245	ug/l	90
78) n-propylbenzene	11.305	91	845113	54.495	ug/l	98
79) 2-Chlorotoluene	11.366	91	495284	50.574	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	583272	53.609	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	82368	56.321	ug/l	97
82) 4-Chlorotoluene	11.457	91	566658	52.958	ug/l	97
83) tert-Butylbenzene	11.713	119	549019	54.442	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	590813	54.430	ug/l	98
85) sec-Butylbenzene	11.890	105	758313	54.940	ug/l	99
86) p-Isopropyltoluene	12.012	119	605818	54.861	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	305357	51.483	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	306703	50.798	ug/l	99
89) n-Butylbenzene	12.335	91	617916	60.102	ug/l	98
90) Hexachloroethane	12.542	117	107969	56.786	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	308658	53.019	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63866	55.990	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	193894	57.432	ug/l	99
94) Hexachlorobutadiene	13.725	225	77105	56.880	ug/l	99
95) Naphthalene	13.774	128	769039	58.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	200714	57.970	ug/l	99

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Response via : Initial Calibration

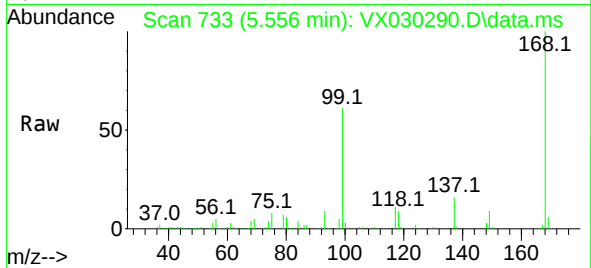
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030290.D
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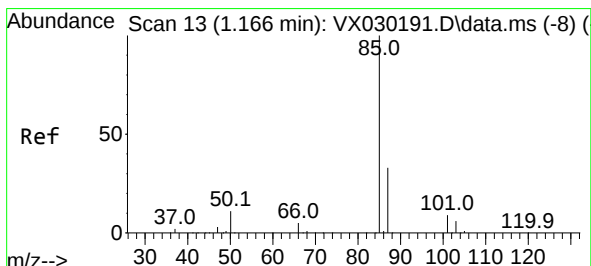
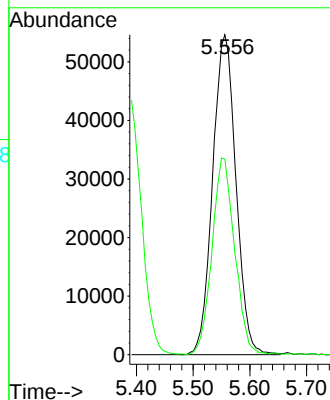
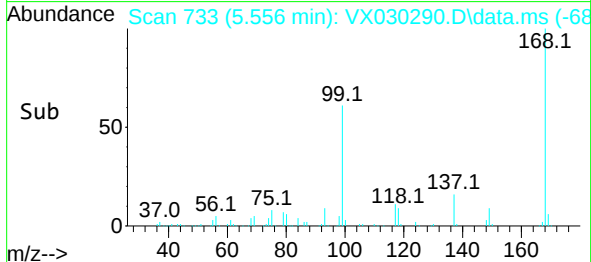
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



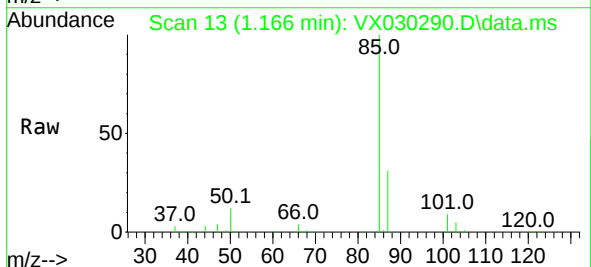
Tgt Ion:168 Resp: 155910
Ion Ratio Lower Upper
168 100
99 60.9 44.0 66.0

Manual Integrations
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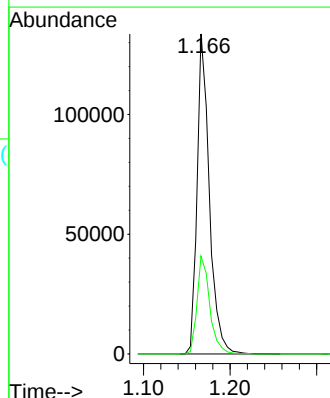
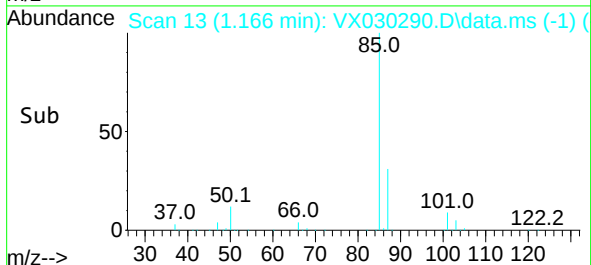
Reviewed By :John Carlone 08/01/2022
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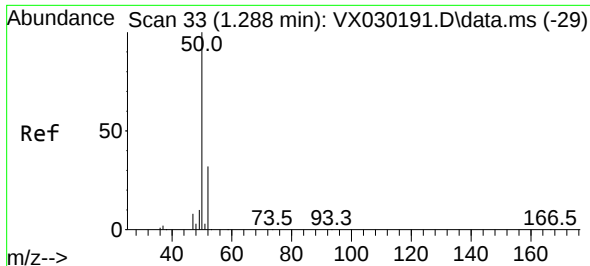


#2
Dichlorodifluoromethane
Concen: 51.369 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



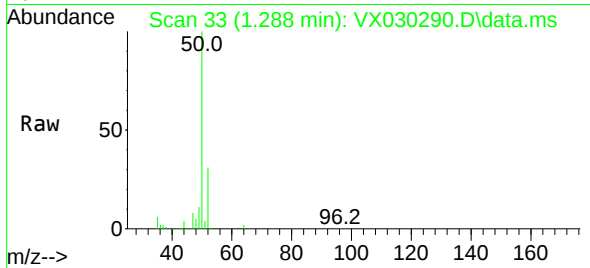
Tgt Ion: 85 Resp: 131424
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5





#3
Chloromethane
Concen: 44.197 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

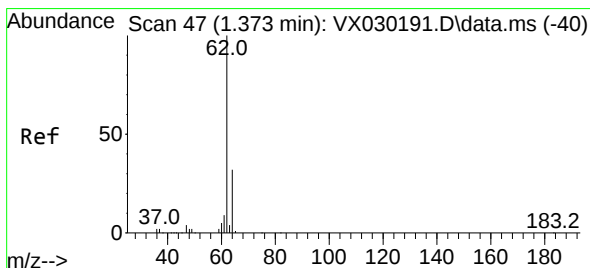
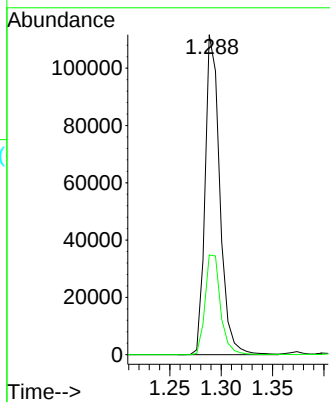
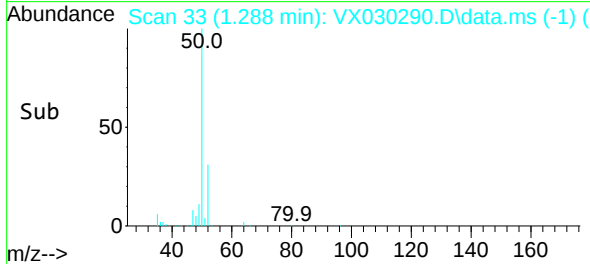
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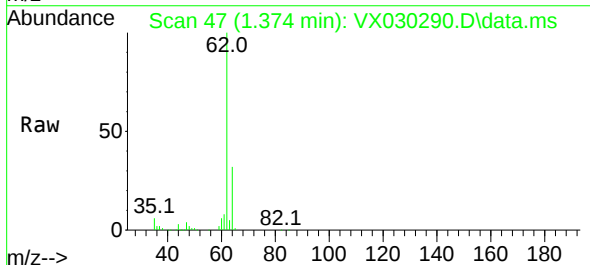
Tgt Ion: 50 Resp: 11181
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5

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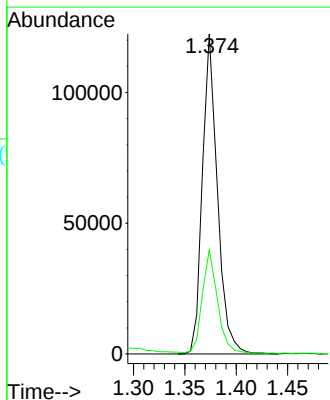
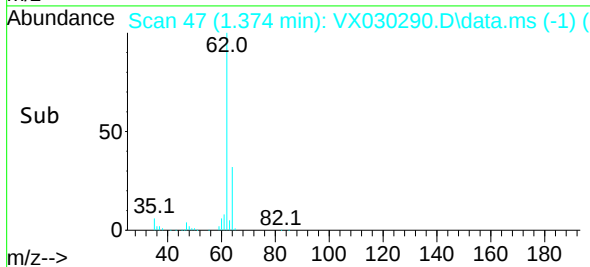
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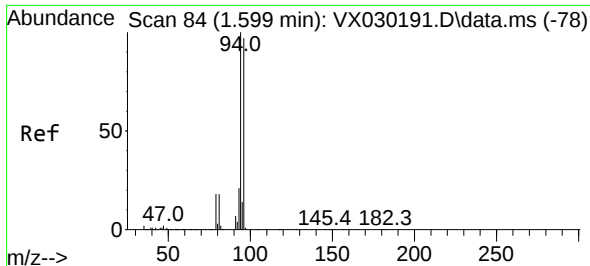


#4
Vinyl Chloride
Concen: 48.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



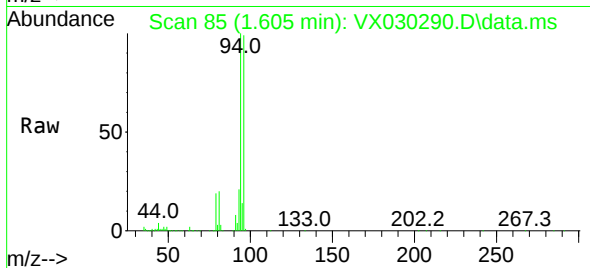
Tgt Ion: 62 Resp: 125007
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 60.046 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

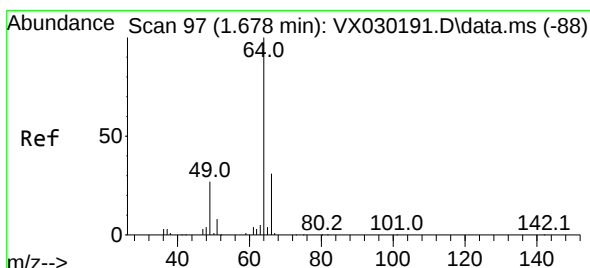
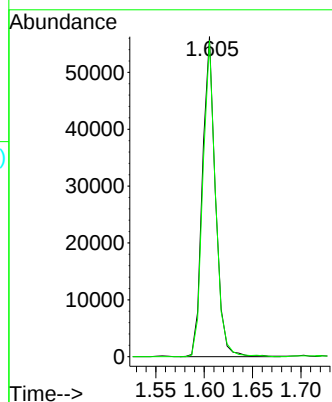
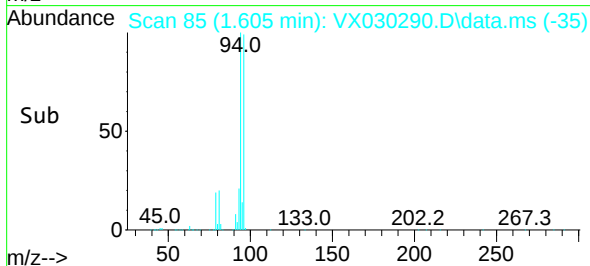
Instrument :
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Tgt Ion: 94 Resp: 5274
Ion Ratio Lower Upper
94 100
96 98.7 76.9 115.3

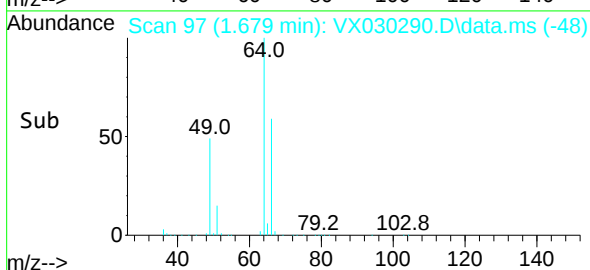
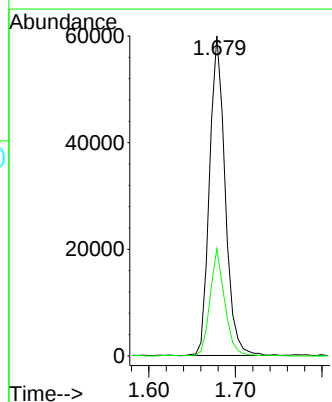
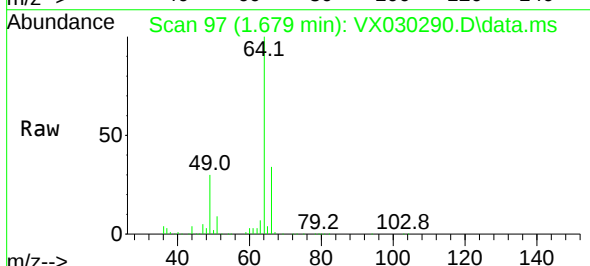
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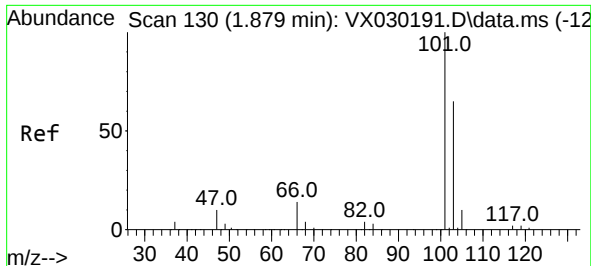
Reviewed By :John Carlone 08/01/2022
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#6
Chloroethane
Concen: 51.126 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX030290.D
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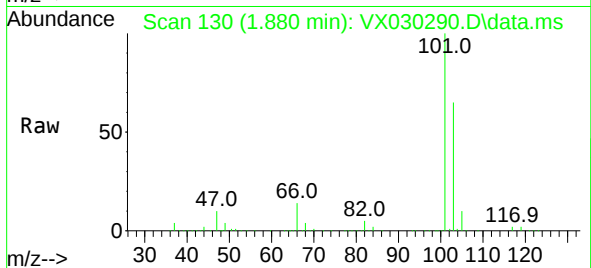
Tgt Ion: 64 Resp: 74960
Ion Ratio Lower Upper
64 100
66 33.6 27.2 40.8





#7
Trichlorofluoromethane
Concen: 51.774 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030290.D
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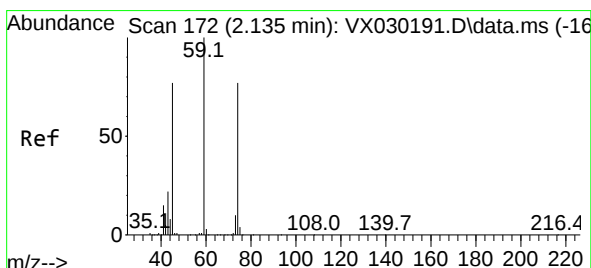
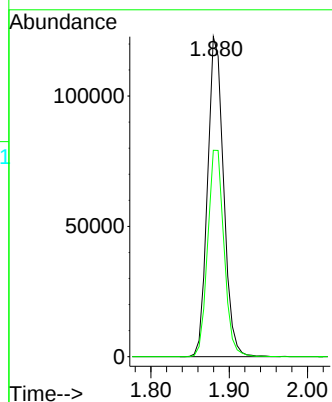
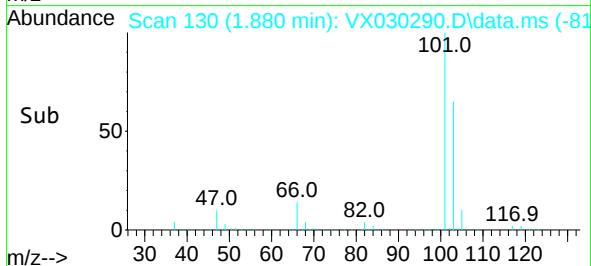
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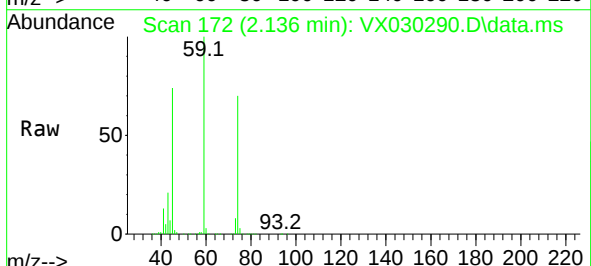
Tgt Ion:101 Resp: 174179
Ion Ratio Lower Upper
101 100
103 64.5 49.7 74.5

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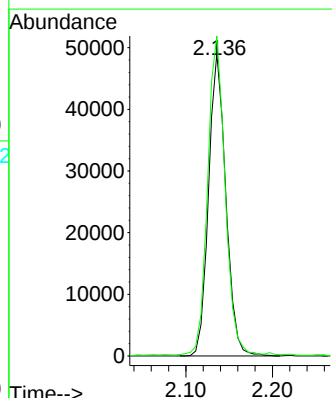
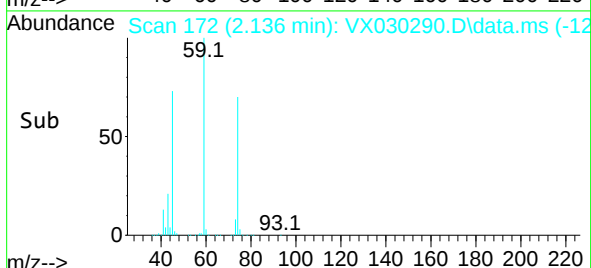
Reviewed By :John Carlone 08/01/2022
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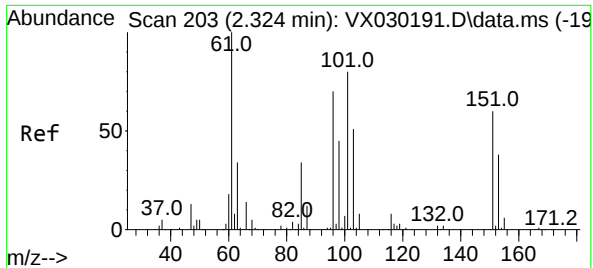


#8
Diethyl Ether
Concen: 51.462 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030290.D
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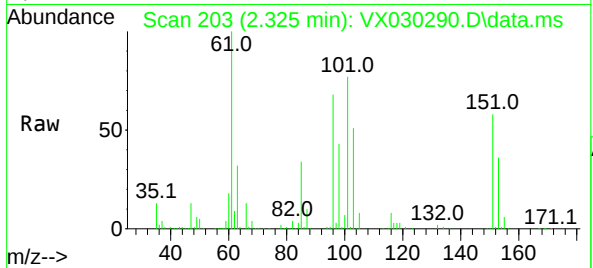
Tgt Ion: 74 Resp: 67796
Ion Ratio Lower Upper
74 100
45 107.7 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.826 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030290.D
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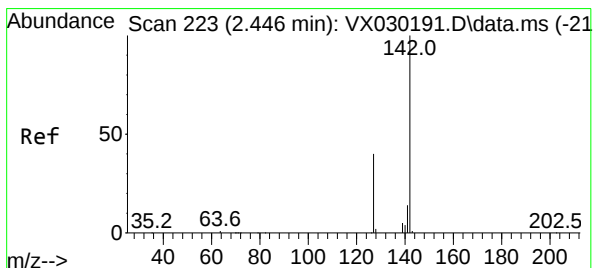
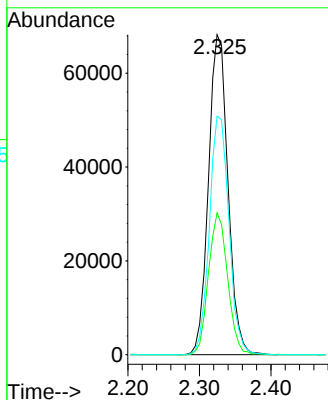
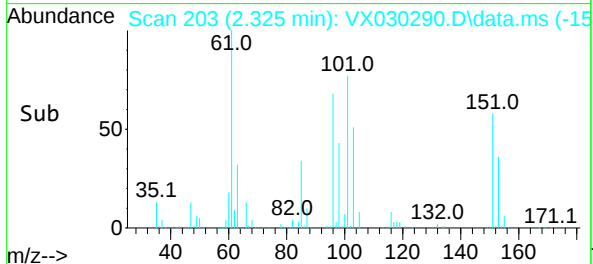
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ClientSampleId :
VSTDCCC050



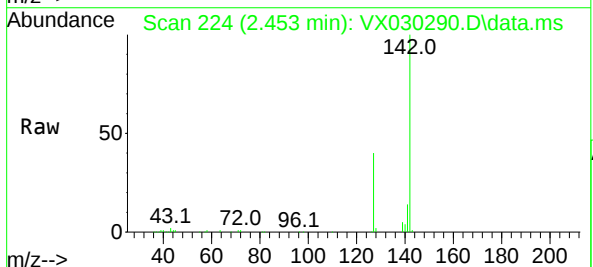
Tgt Ion:101 Resp: 12914
Ion Ratio Lower Upper
101 100
85 43.5 34.0 51.0
151 75.1 59.4 89.0

Manual Integrations
APPROVED

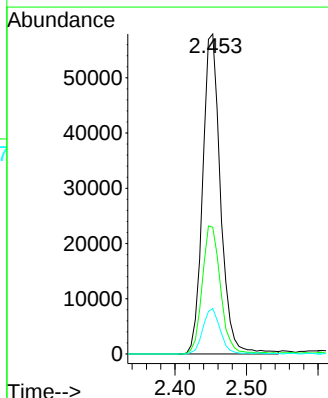
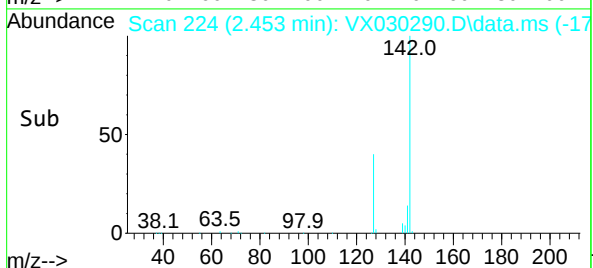
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

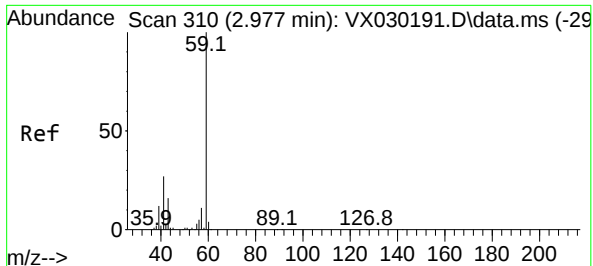


#10
Methyl Iodide
Concen: 41.717 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion:142 Resp: 100676
Ion Ratio Lower Upper
142 100
127 40.8 30.2 45.2
141 13.7 11.3 16.9





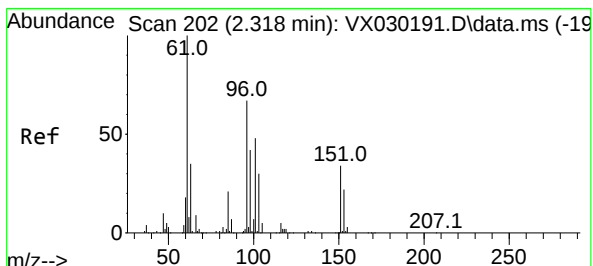
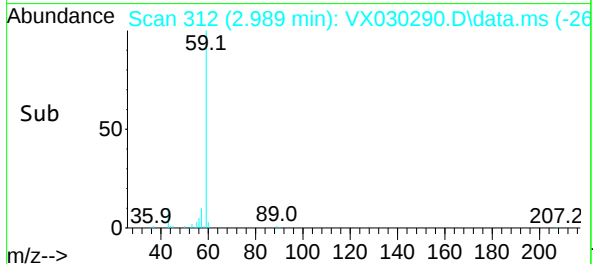
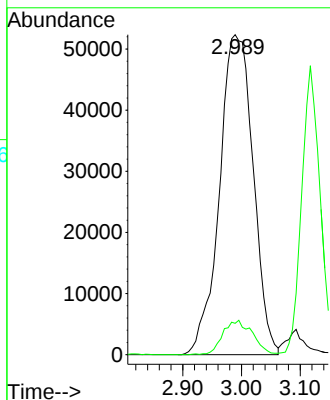
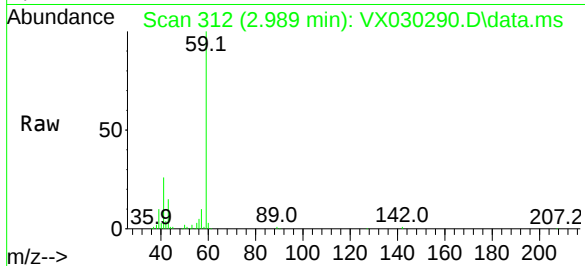
#11
Tert butyl alcohol
Concen: 273.032 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 20871
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2

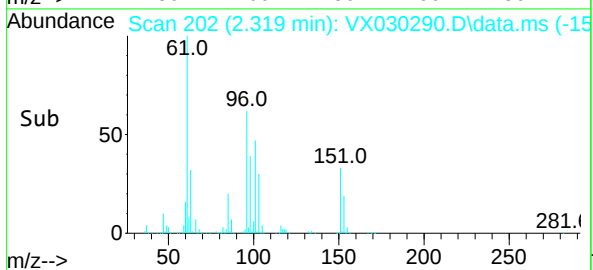
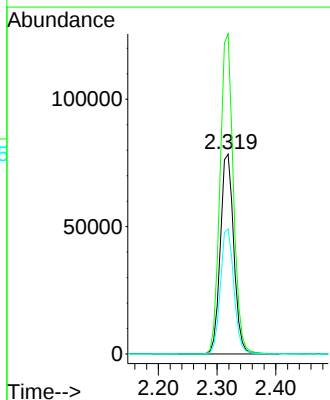
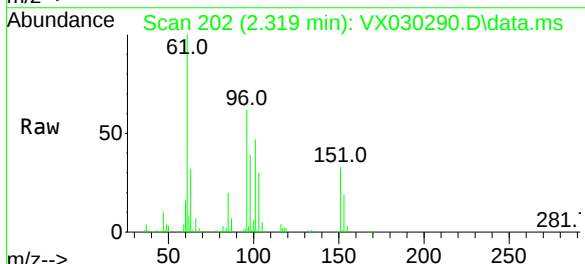
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#12
1,1-Dichloroethene
Concen: 51.245 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

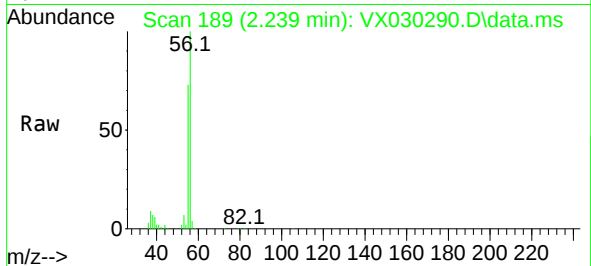
Tgt Ion: 96 Resp: 124815
Ion Ratio Lower Upper
96 100
61 160.2 117.4 176.0
98 62.6 52.2 78.4





#13
Acrolein
Concen: 294.620 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

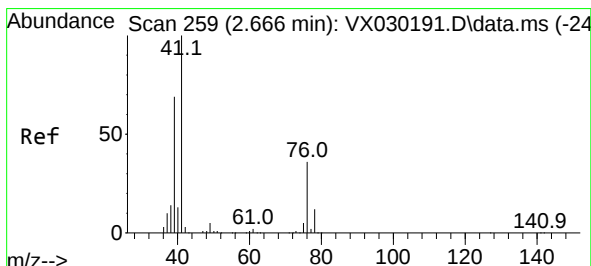
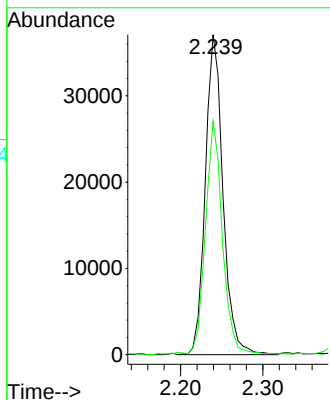
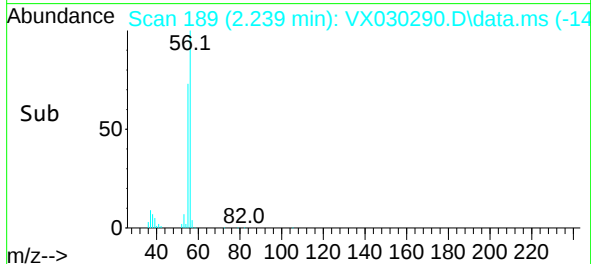
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5535
Ion Ratio Lower Upper
56 100
55 71.0 56.6 84.8

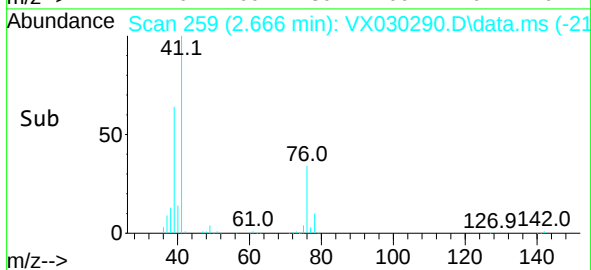
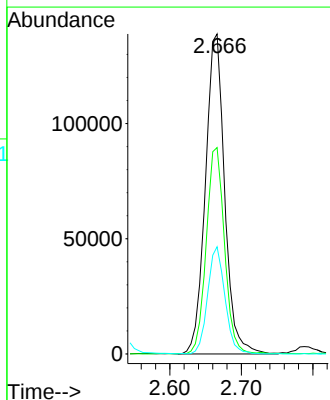
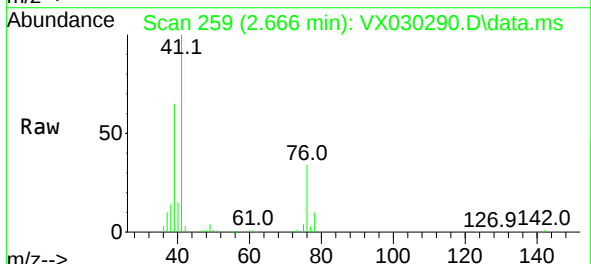
Manual Integrations
APPROVED

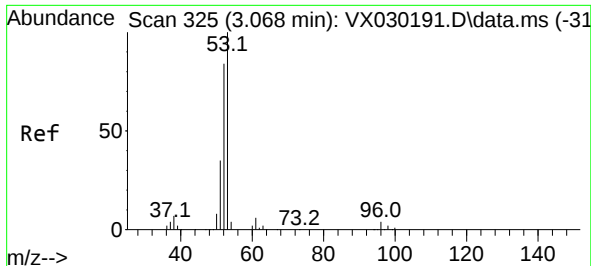
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#14
Allyl chloride
Concen: 51.851 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

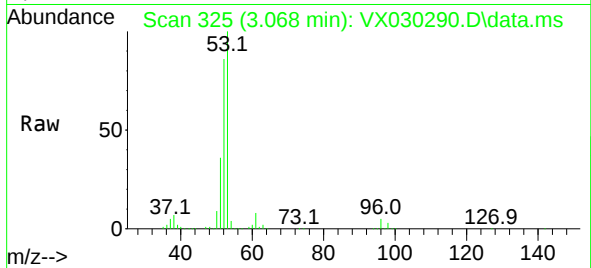
Tgt Ion: 41 Resp: 260606
Ion Ratio Lower Upper
41 100
39 60.8 48.9 73.3
76 30.0 26.9 40.3





#15
Acrylonitrile
Concen: 257.834 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

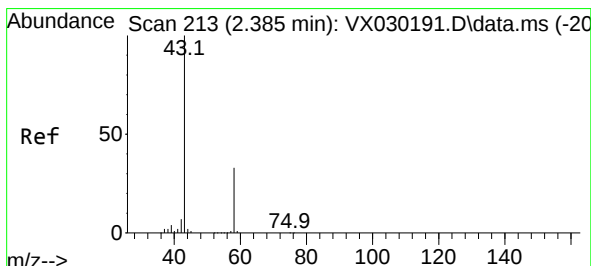
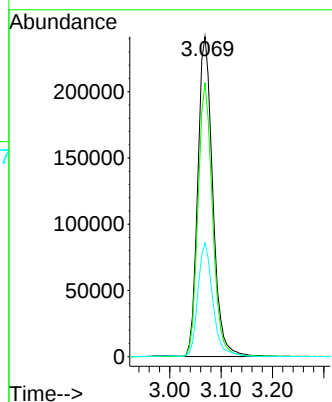
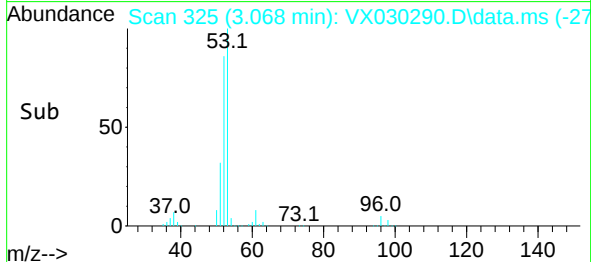
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 487064
Ion Ratio Lower Upper
53 100
52 83.5 65.4 98.0
51 35.3 27.7 41.5

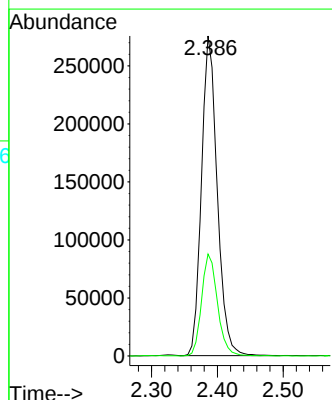
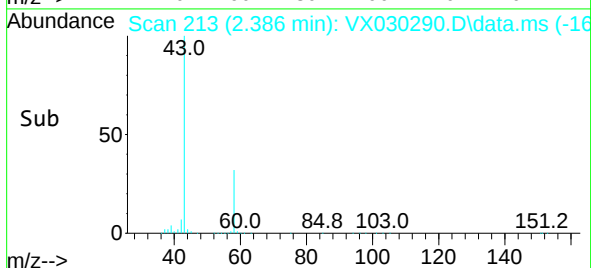
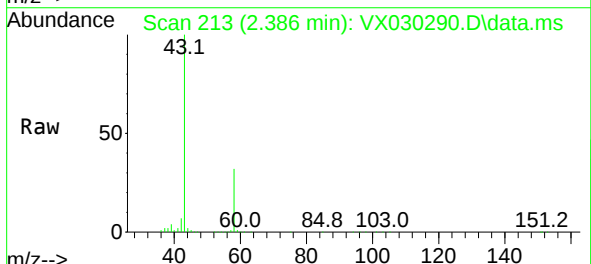
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#16
Acetone
Concen: 285.223 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

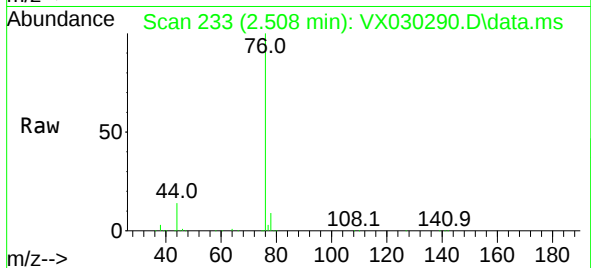
Tgt Ion: 43 Resp: 457621
Ion Ratio Lower Upper
43 100
58 31.9 27.7 41.5





#17
Carbon Disulfide
Concen: 45.723 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

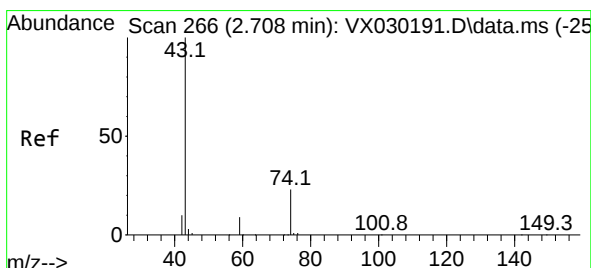
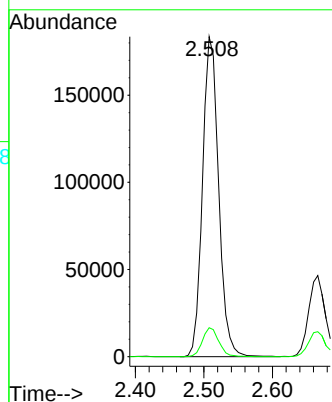
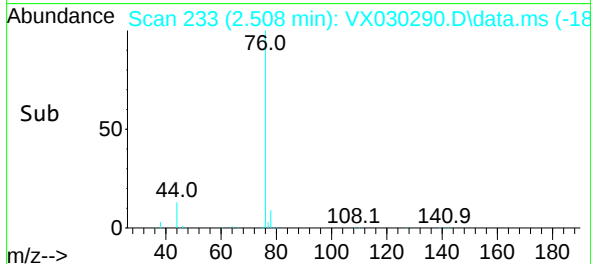
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



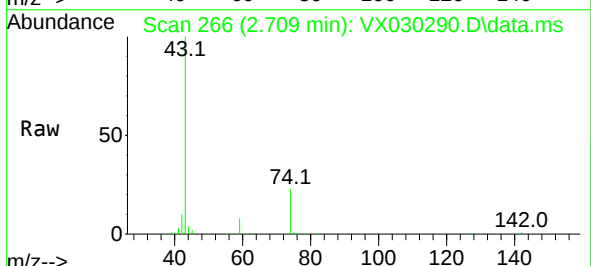
Tgt Ion: 76 Resp: 300619
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

Manual Integrations
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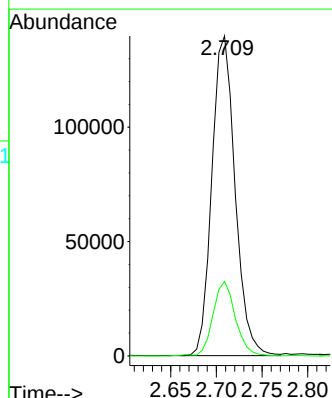
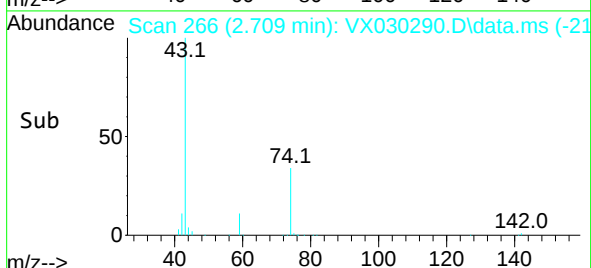
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#18
Methyl Acetate
Concen: 52.014 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 43 Resp: 246841
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





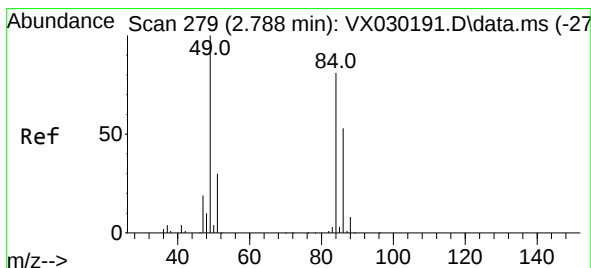
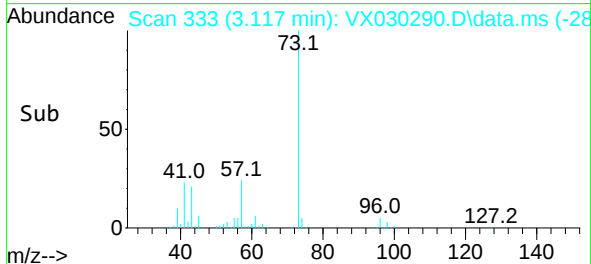
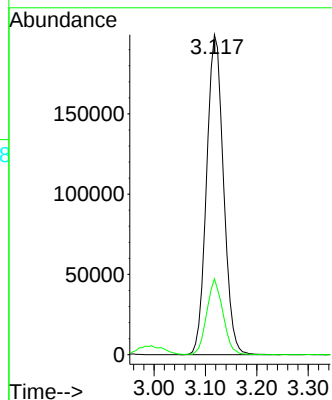
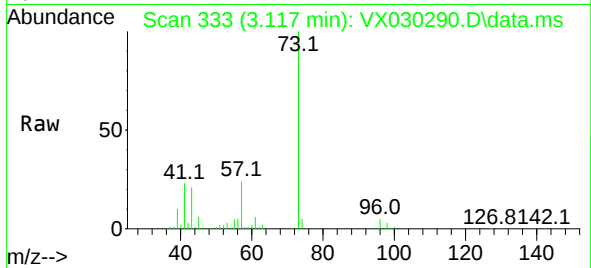
#19
Methyl tert-butyl Ether
Concen: 54.601 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 45554
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6

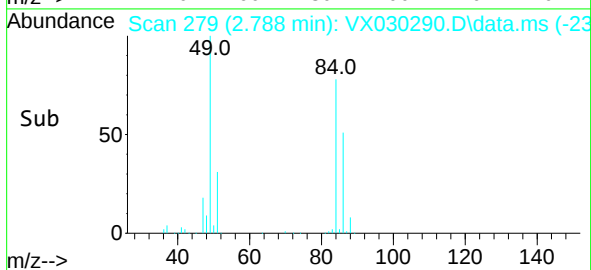
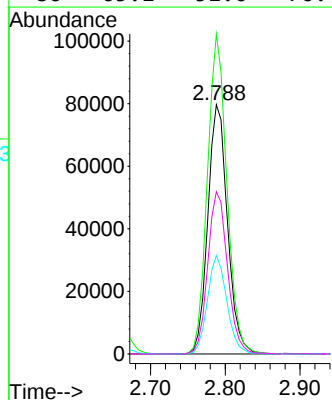
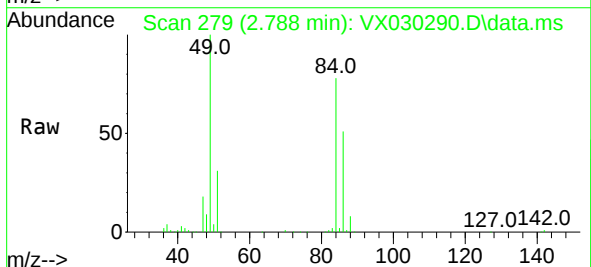
Manual Integrations
APPROVED

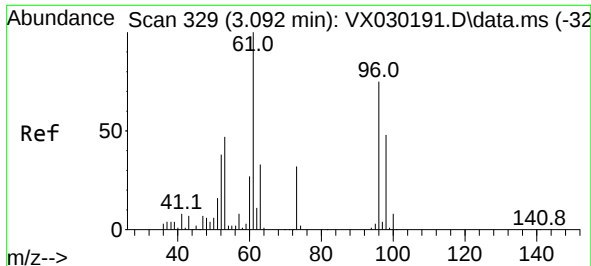
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#20
Methylene Chloride
Concen: 53.156 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

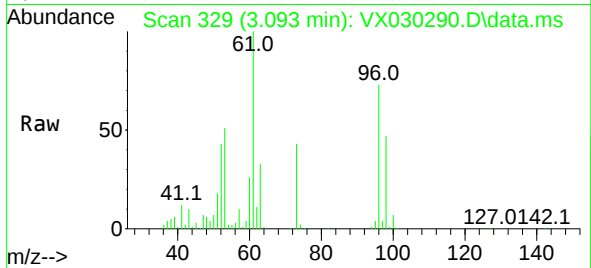
Tgt Ion: 84 Resp: 145741
Ion Ratio Lower Upper
84 100
49 128.3 93.8 140.6
51 39.5 29.4 44.0
86 65.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

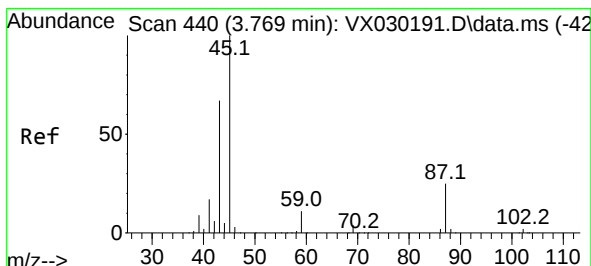
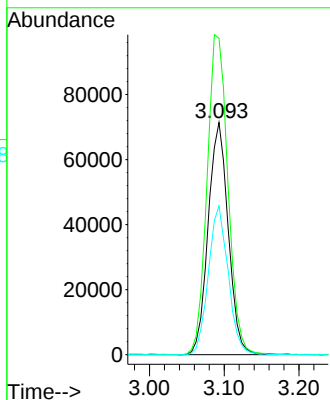
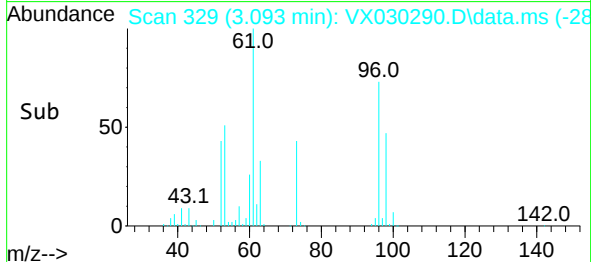
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



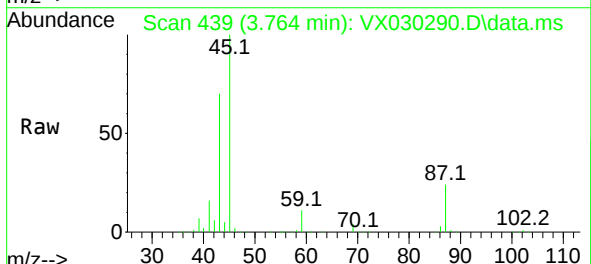
Tgt Ion: 96 Resp: 133288
Ion Ratio Lower Upper
96 100
61 136.4 105.6 158.4
98 64.1 50.1 75.1

Manual Integrations
APPROVED

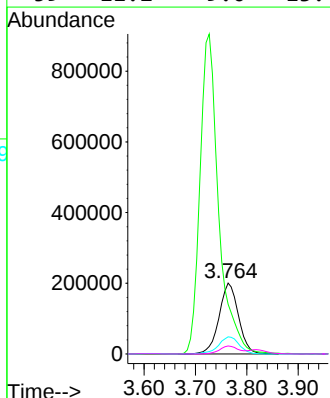
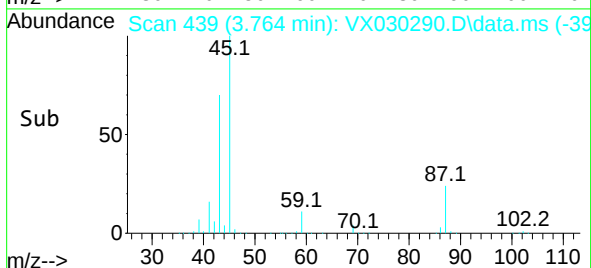
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

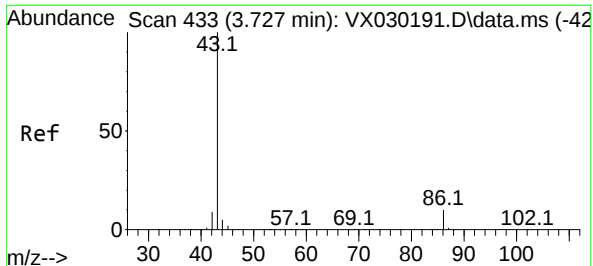


#22
Diisopropyl ether
Concen: 55.280 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 45 Resp: 525687
Ion Ratio Lower Upper
45 100
43 70.2 65.4 98.0
87 24.2 22.3 33.5
59 11.2 9.0 13.4





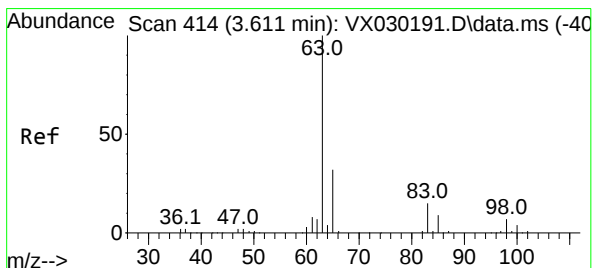
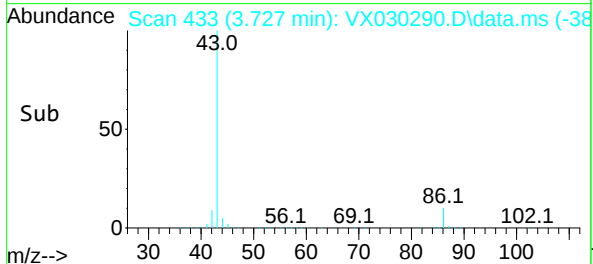
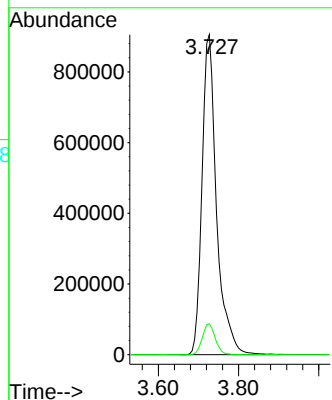
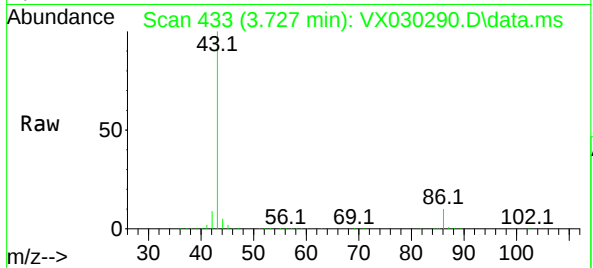
#23
 Vinyl Acetate
 Concen: 276.602 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030290.D
 Acq: 29 Jul 2022 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 228171
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

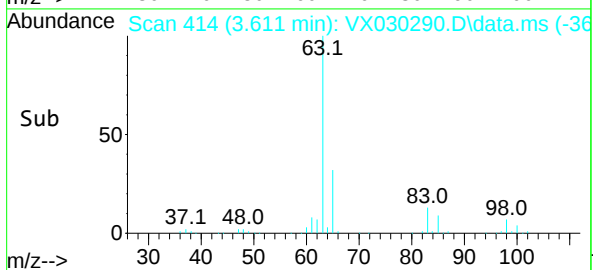
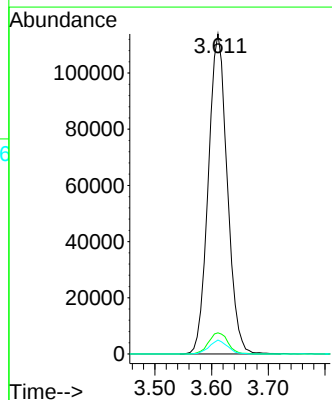
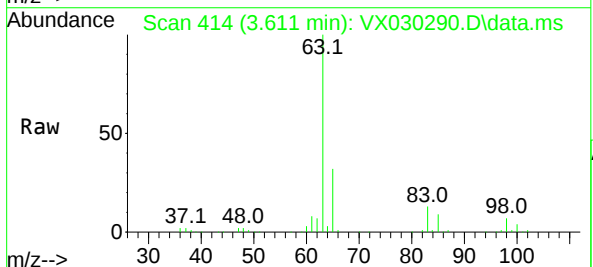
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#24
 1,1-Dichloroethane
 Concen: 52.357 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030290.D
 Acq: 29 Jul 2022 09:59

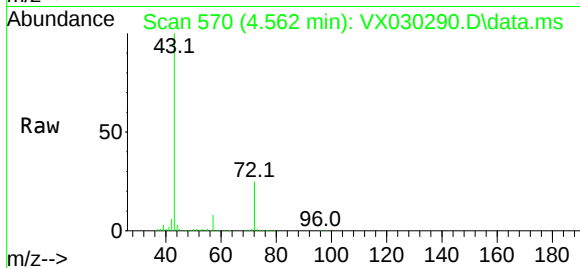
Tgt Ion: 63 Resp: 264569
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 273.145 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

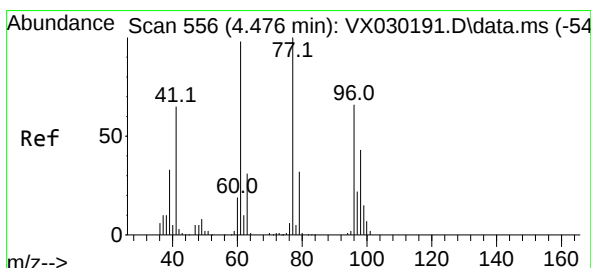
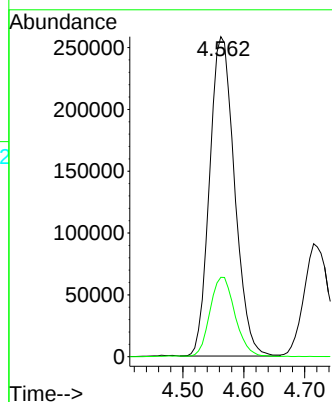
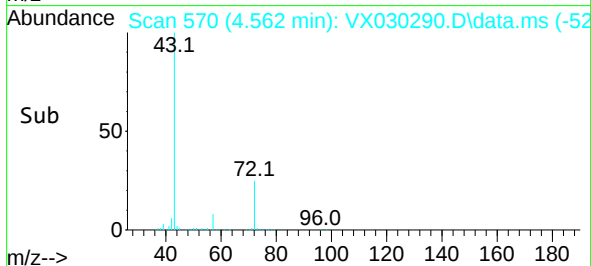
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 736430
Ion Ratio Lower Upper
43 100
72 24.8 21.7 32.5

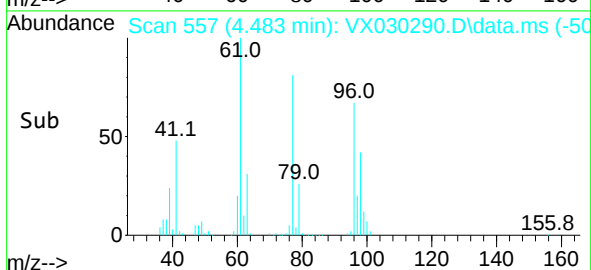
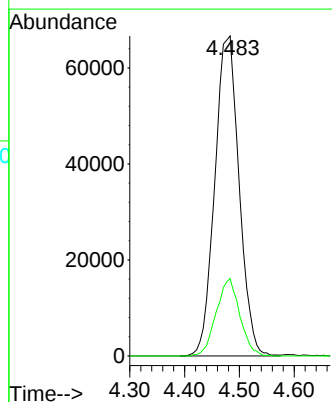
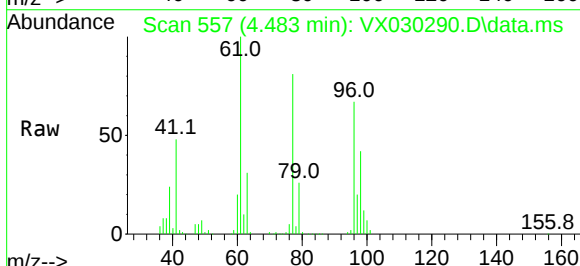
Manual Integrations
APPROVED

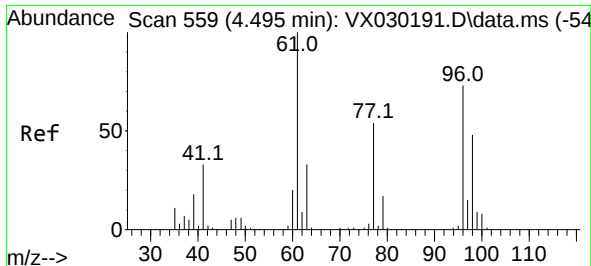
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#26
2,2-Dichloropropane
Concen: 56.272 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion: 77 Resp: 205616
Ion Ratio Lower Upper
77 100
97 23.4 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 51.627 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16321

Ion Ratio Lower Upper

96 100

61 147.0 0.0 270.0

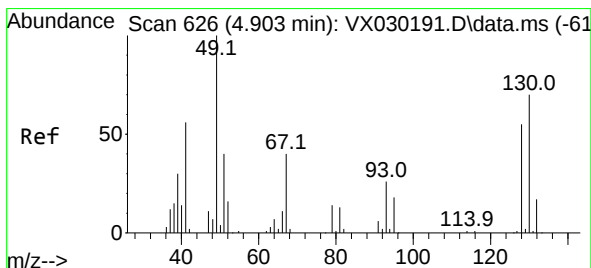
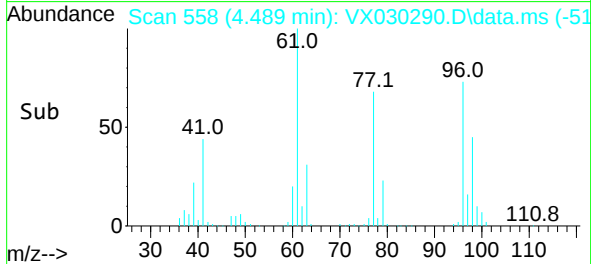
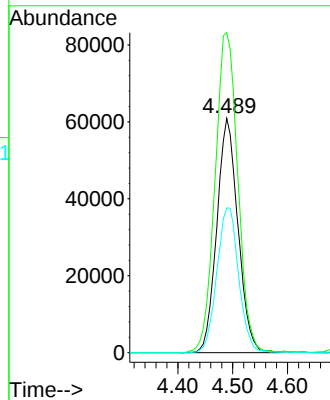
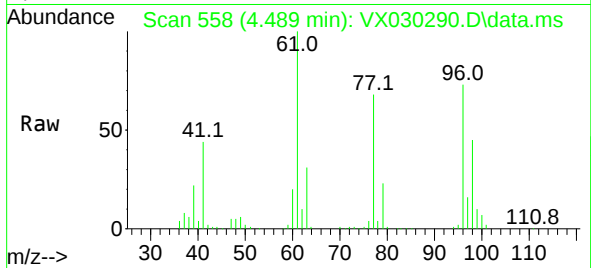
98 63.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#28

Bromochloromethane

Concen: 52.624 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.001 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

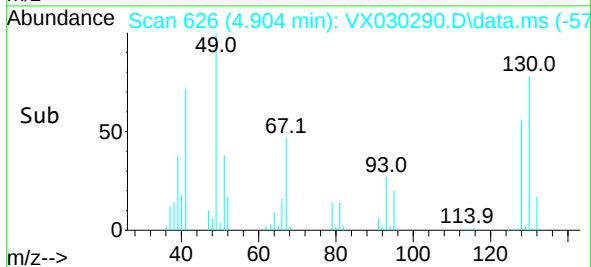
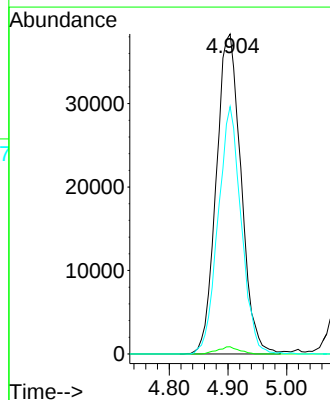
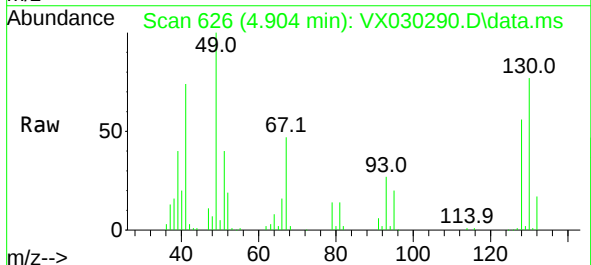
Tgt Ion: 49 Resp: 112341

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 72.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 258.322 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030290.D

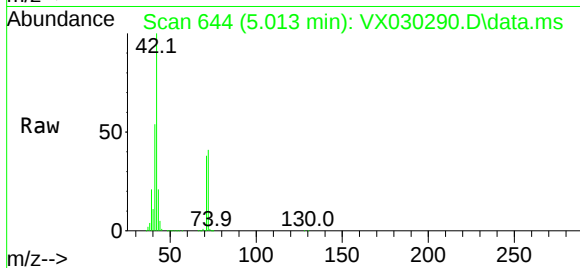
Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



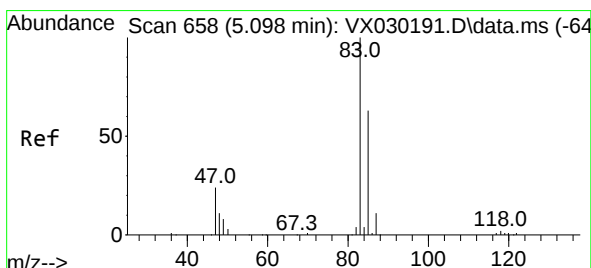
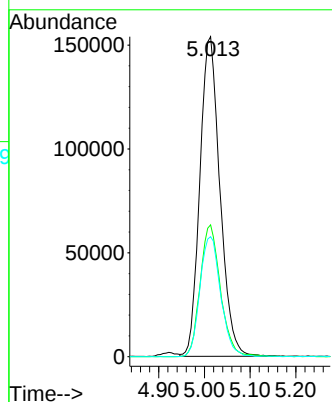
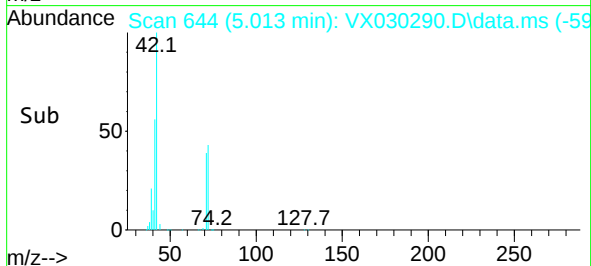
Tgt Ion:	42	Resp:	46861
Ion Ratio	Lower	Upper	
42	100		
72	41.8	36.5	54.7
71	38.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#30

Chloroform

Concen: 52.867 ug/l

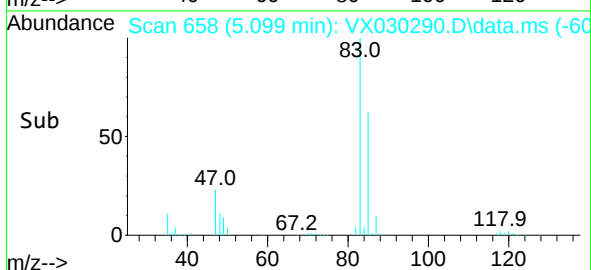
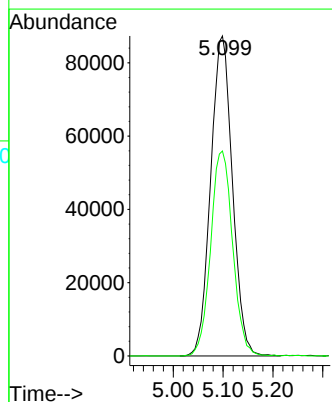
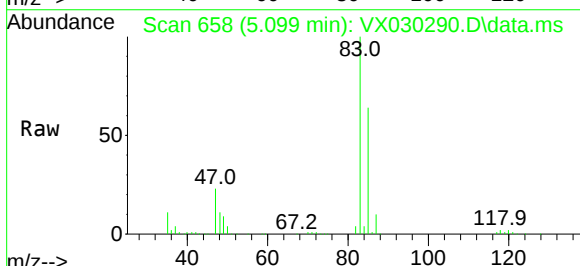
RT: 5.099 min Scan# 658

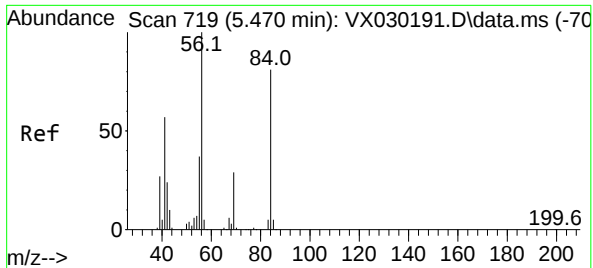
Delta R.T. 0.001 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

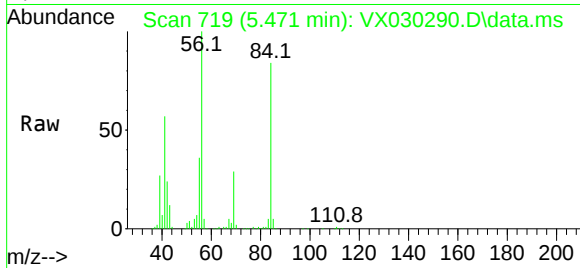
Tgt Ion:	83	Resp:	264505
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.5	77.3





#31
Cyclohexane
Concen: 51.647 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

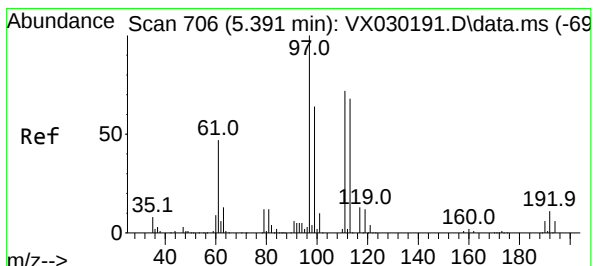
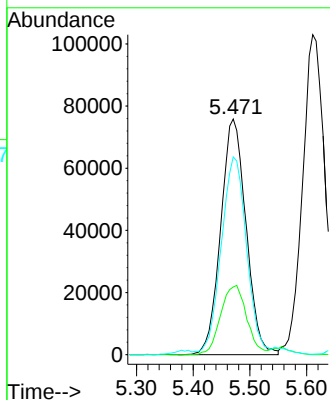
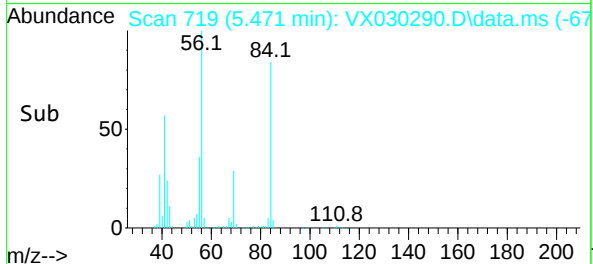
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



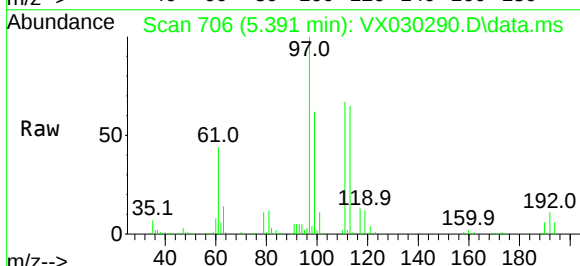
Tgt Ion: 56 Resp: 23499
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.0
84 82.6 68.9 103.3

Manual Integrations
APPROVED

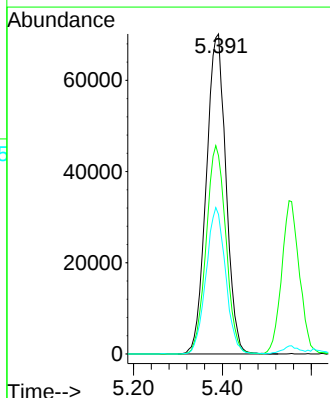
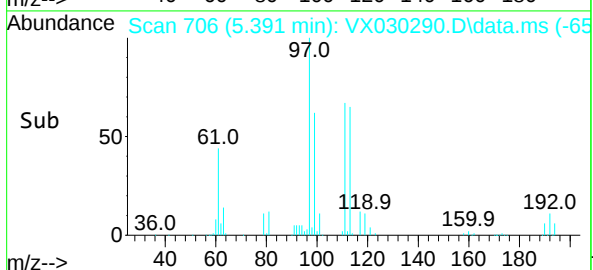
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

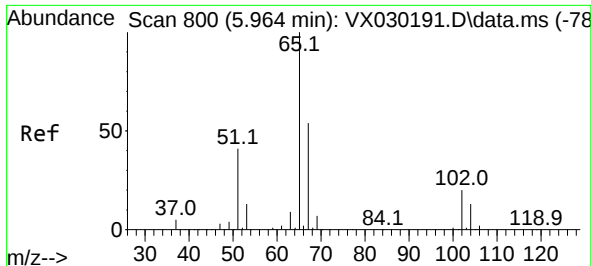


#32
1,1,1-Trichloroethane
Concen: 53.037 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 97 Resp: 215695
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 45.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.479 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 164460

Ion Ratio Lower Upper

65 100

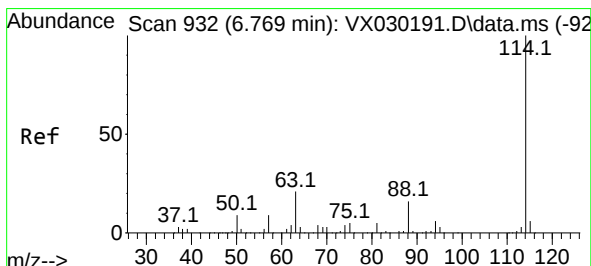
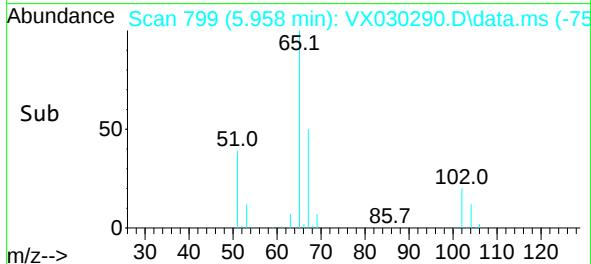
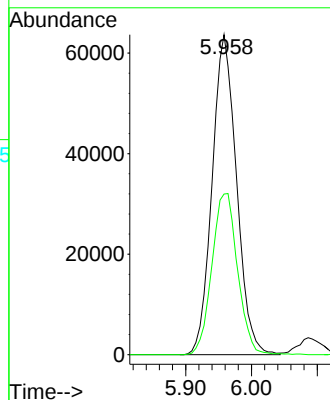
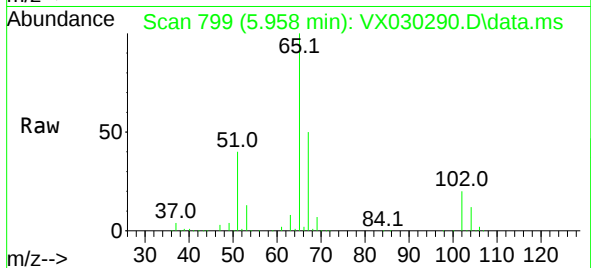
67 53.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

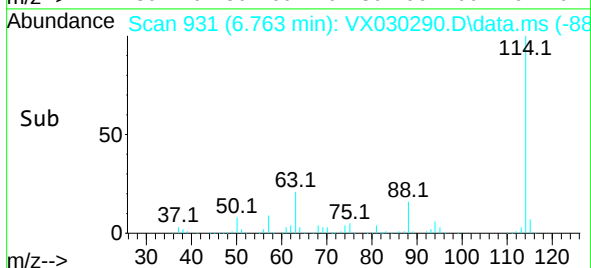
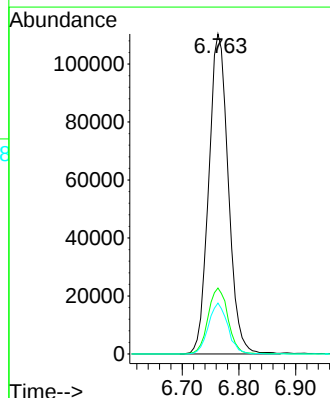
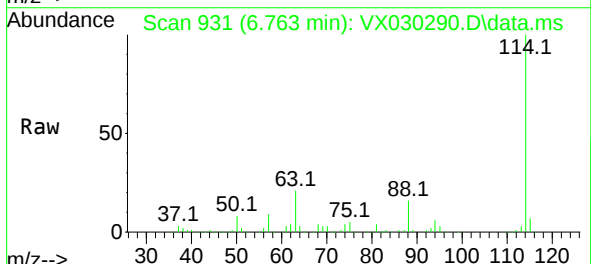
Tgt Ion:114 Resp: 264226

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.269 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030290.D

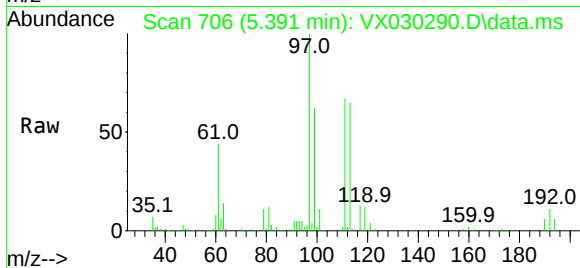
Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



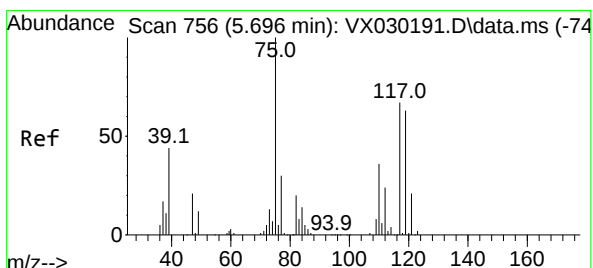
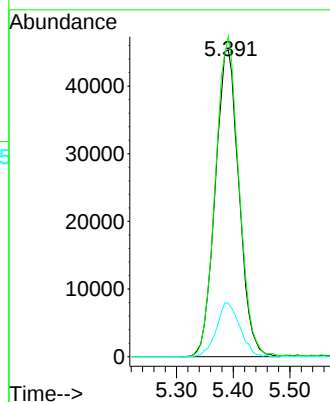
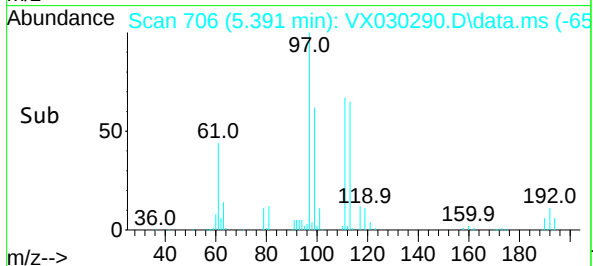
Tgt Ion:	113	Resp:	132024
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.2	124.8
192	17.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carbone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#36

1,1-Dichloropropene

Concen: 52.885 ug/l

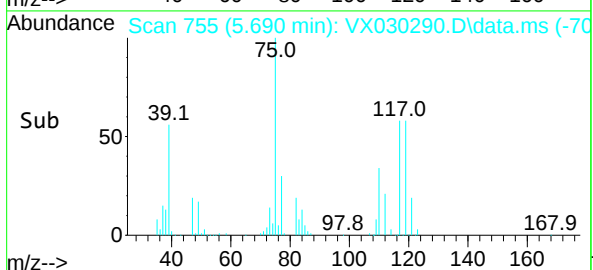
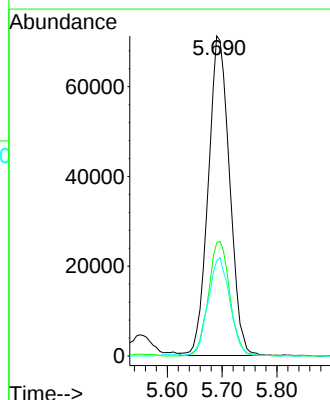
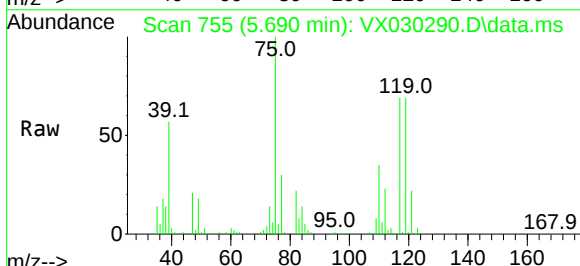
RT: 5.690 min Scan# 755

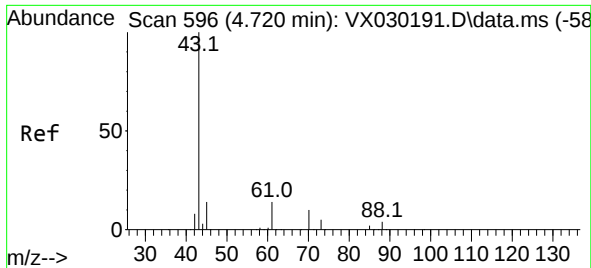
Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

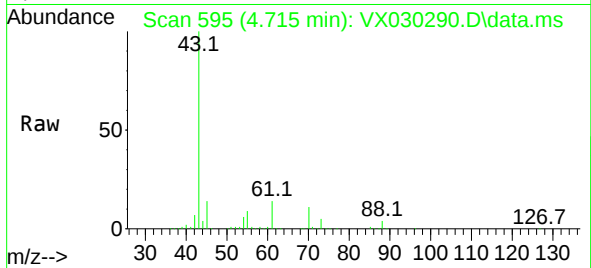
Tgt Ion:	75	Resp:	192236
Ion	Ratio	Lower	Upper
75	100		
110	36.1	19.3	57.9
77	31.6	24.4	36.6





#37
Ethyl Acetate
Concen: 52.037 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.005 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

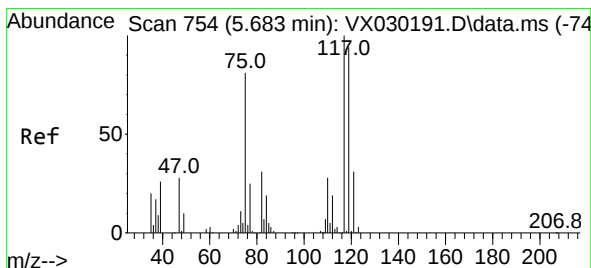
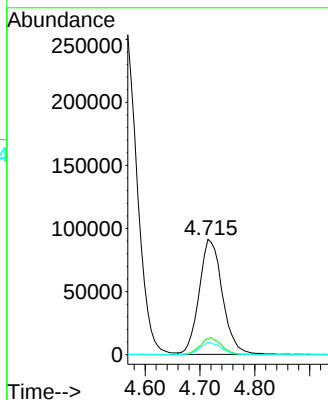
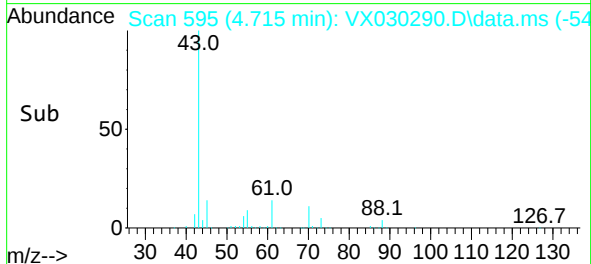
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26786
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 9.9 9.3 13.9

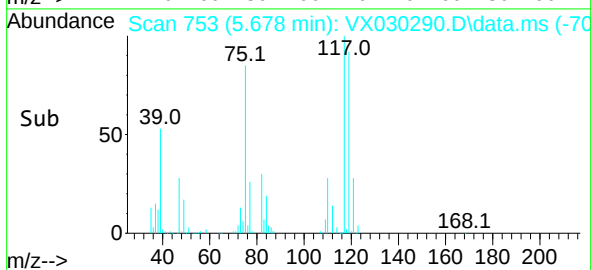
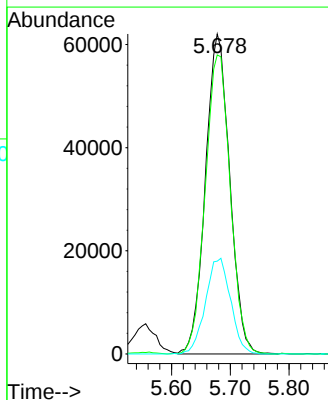
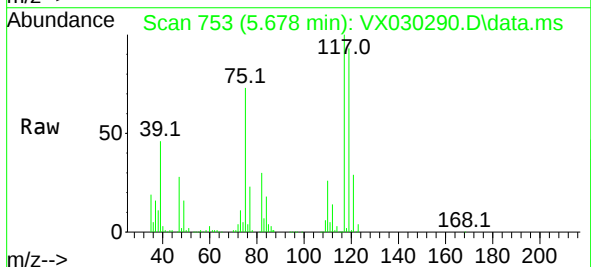
Manual Integrations
APPROVED

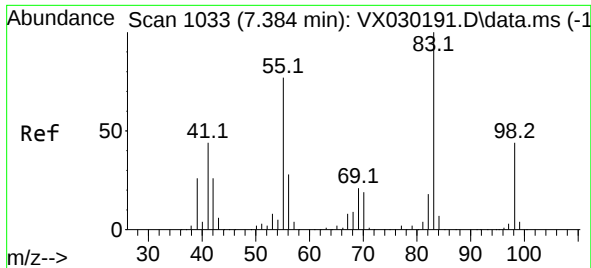
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#38
Carbon Tetrachloride
Concen: 52.528 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.005 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion:117 Resp: 178253
Ion Ratio Lower Upper
117 100
119 93.4 74.1 111.1
121 29.0 25.8 38.8





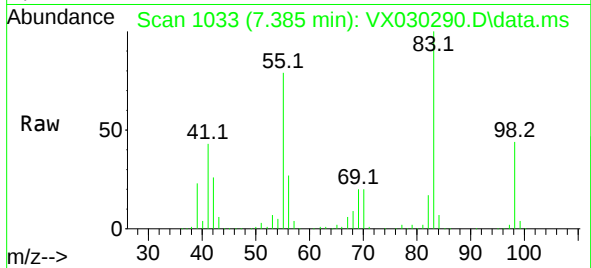
#39
Methylcyclohexane
Concen: 51.450 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



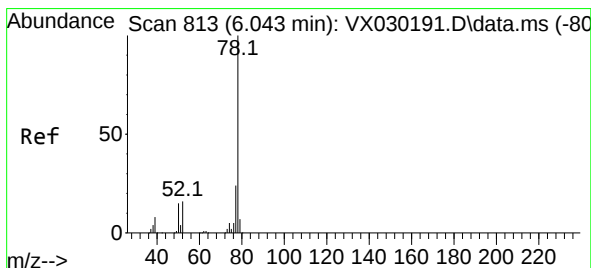
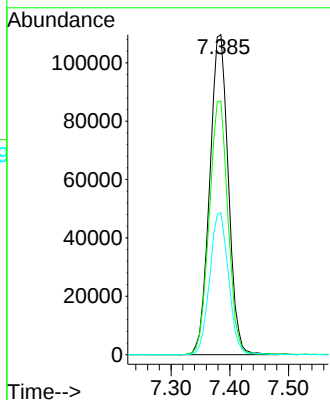
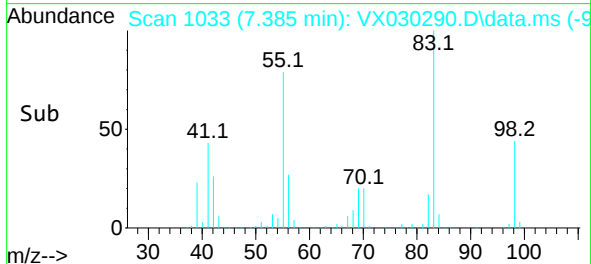
Tgt Ion: 83 Resp: 241402
Ion Ratio Lower Upper
83 100
55 79.3 57.7 86.5
98 44.4 36.5 54.7

Manual Integrations

APPROVED

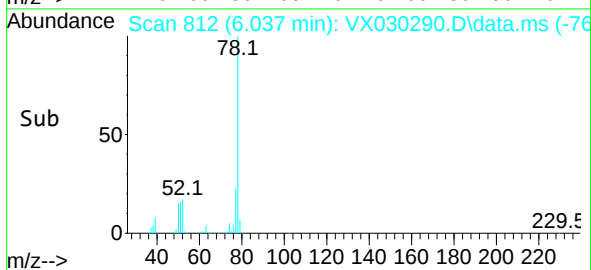
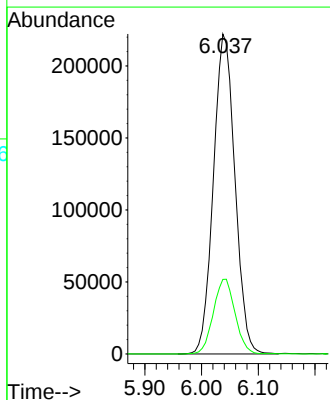
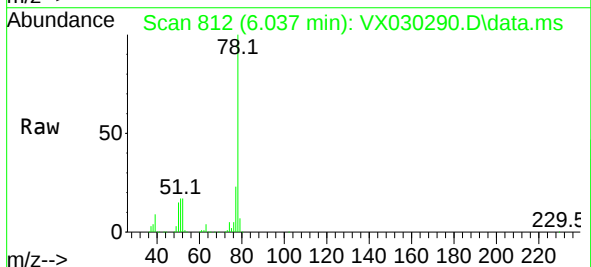
Reviewed By :John Carlone 08/01/2022

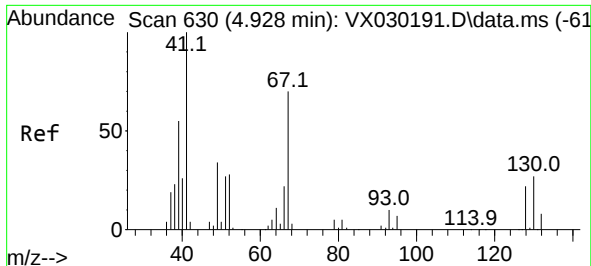
Supervised By :Mahesh Dadoda 08/01/2022



#40
Benzene
Concen: 51.298 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

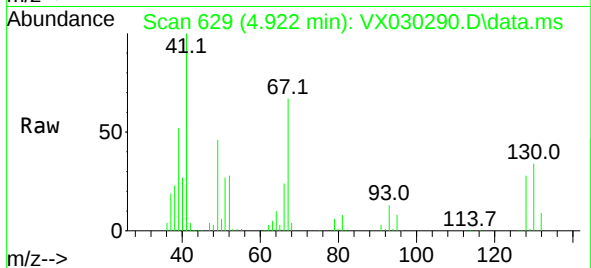
Tgt Ion: 78 Resp: 586686
Ion Ratio Lower Upper
78 100
77 23.3 18.0 27.0





#41
Methacrylonitrile
Concen: 53.181 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

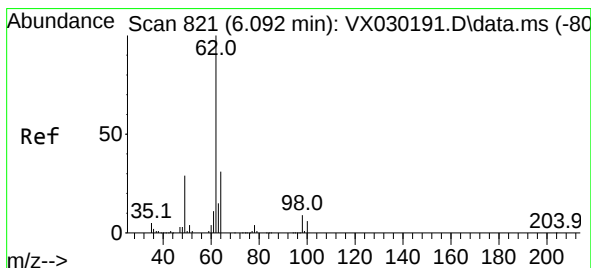
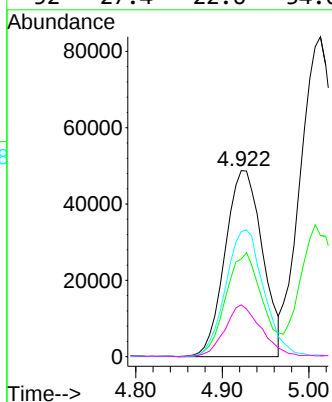
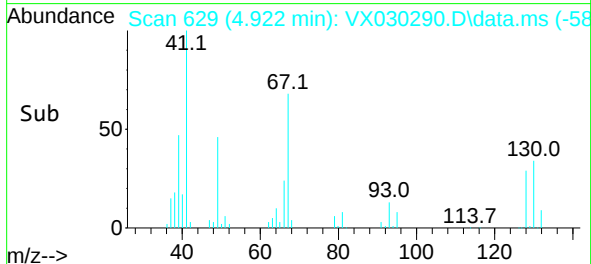
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 14674
Ion Ratio Lower Upper
41 100
39 55.1 42.9 64.3
67 69.9 60.1 90.1
52 27.4 22.6 34.0

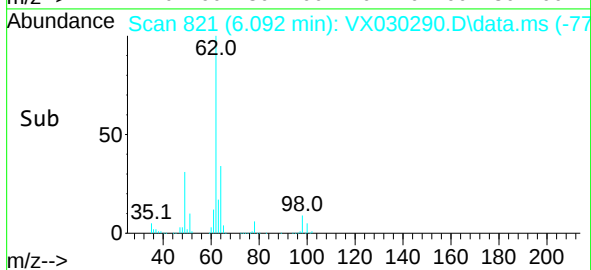
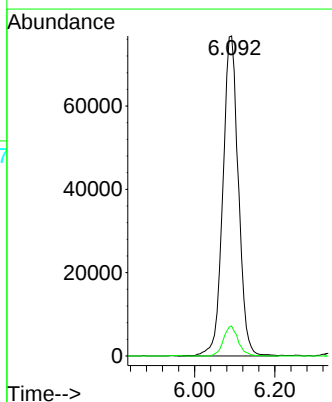
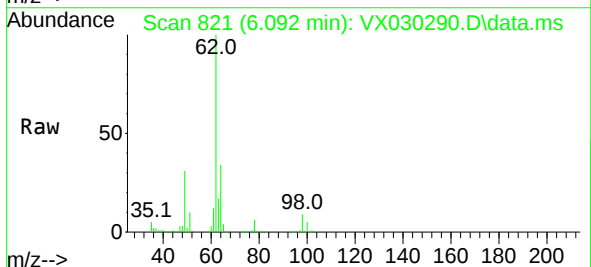
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#42
1,2-Dichloroethane
Concen: 52.214 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

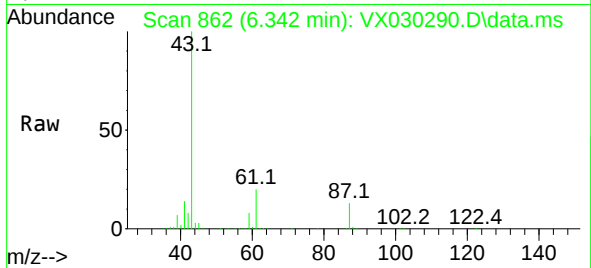
Tgt Ion: 62 Resp: 206344
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 54.099 ug/l
RT: 6.342 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

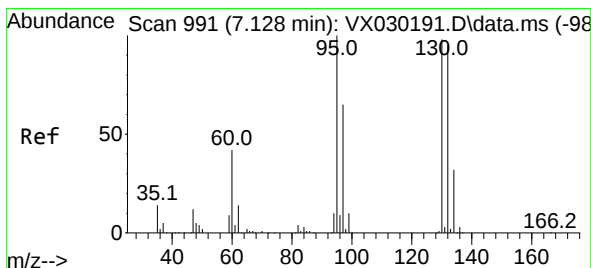
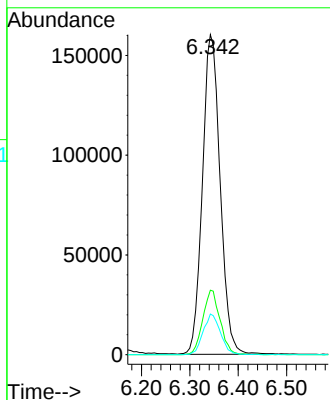
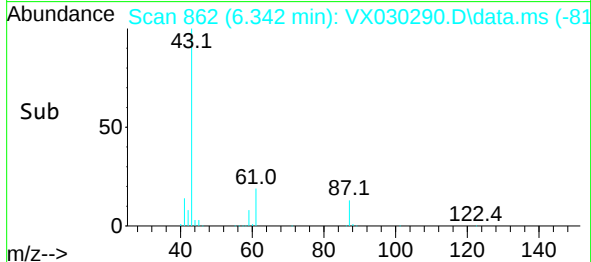
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 408234
Ion Ratio Lower Upper
43 100
61 19.6 16.5 24.7
87 12.4 11.1 16.7

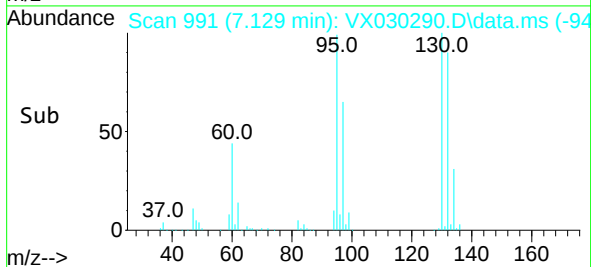
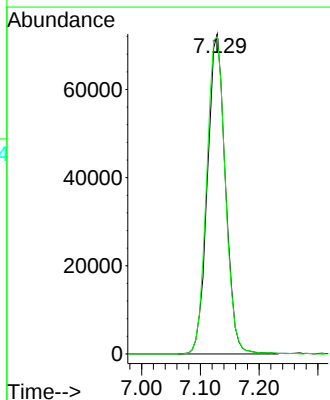
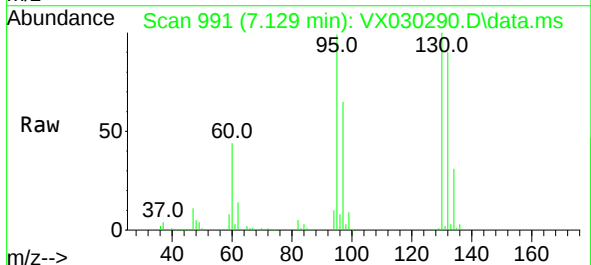
Manual Integrations
APPROVED

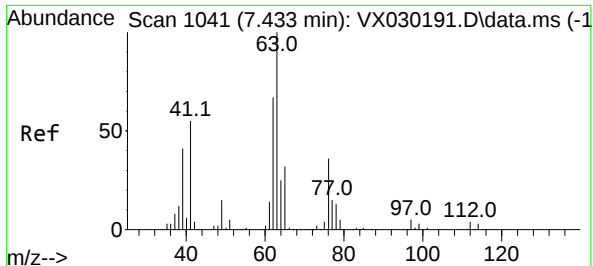
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#44
Trichloroethene
Concen: 49.525 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion:130 Resp: 154768
Ion Ratio Lower Upper
130 100
95 99.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.755 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16092

Ion Ratio Lower Upper

63 100

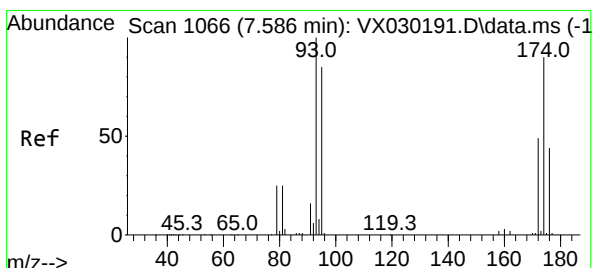
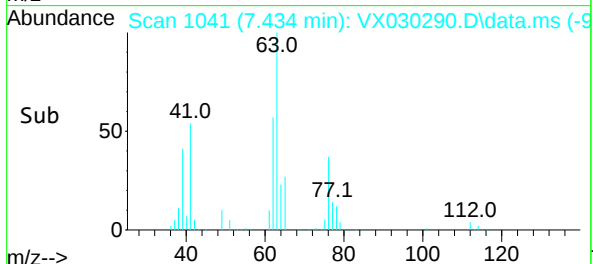
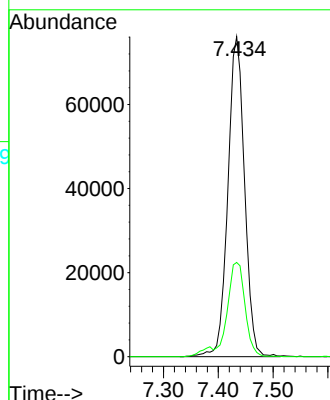
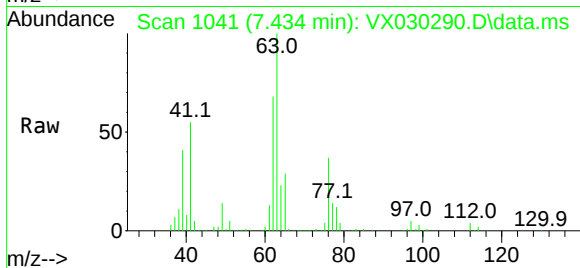
65 29.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#46

Dibromomethane

Concen: 49.419 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

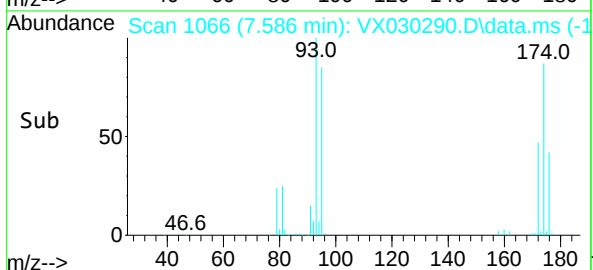
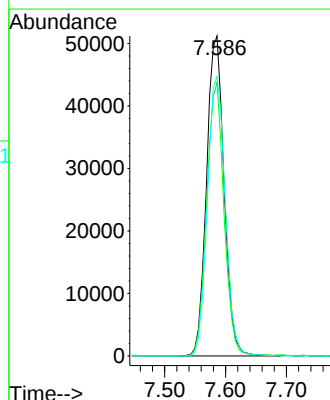
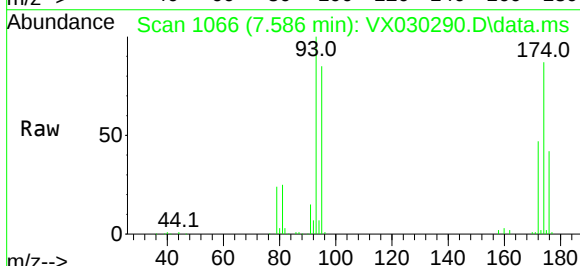
Tgt Ion: 93 Resp: 102515

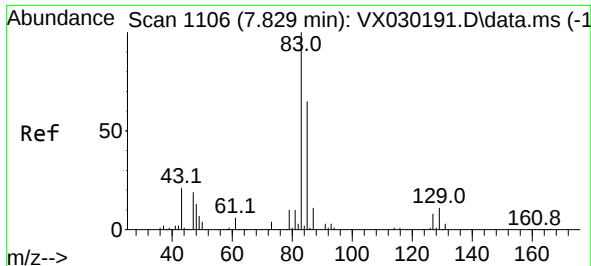
Ion Ratio Lower Upper

93 100

95 84.6 67.4 101.0

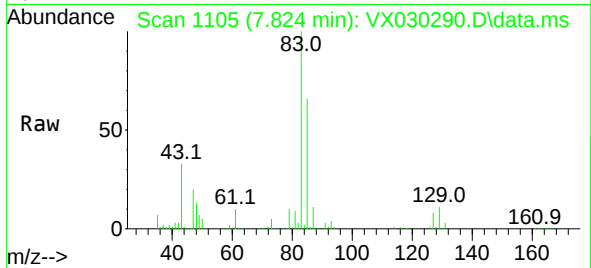
174 89.0 75.6 113.4





#47
Bromodichloromethane
Concen: 53.538 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

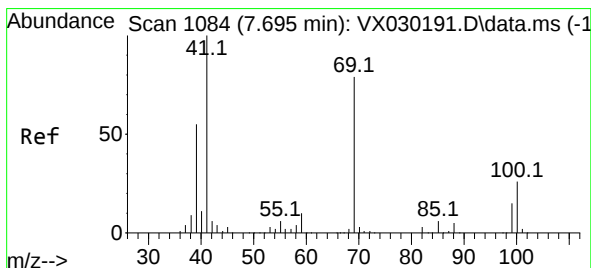
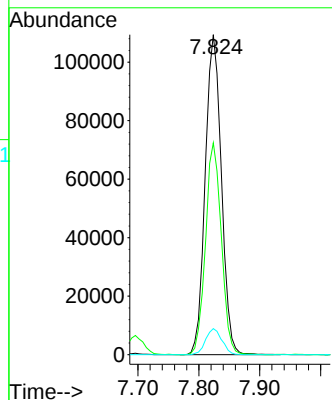
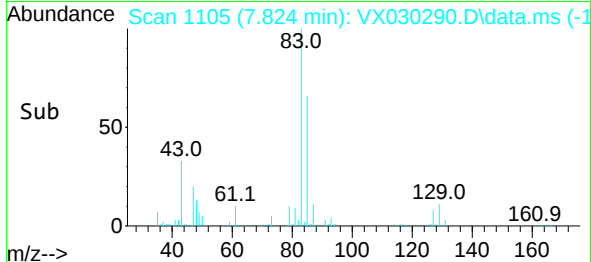
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



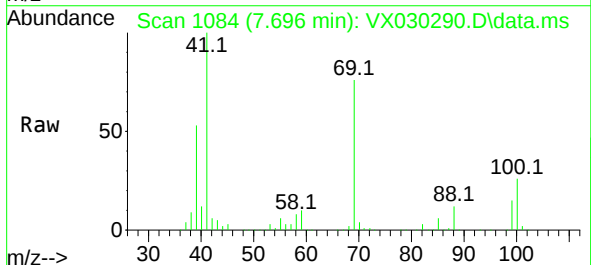
Tgt Ion: 83 Resp: 20189
Ion Ratio Lower Upper
83 100
85 66.2 53.5 80.3
127 8.1 6.6 10.0

Manual Integrations
APPROVED

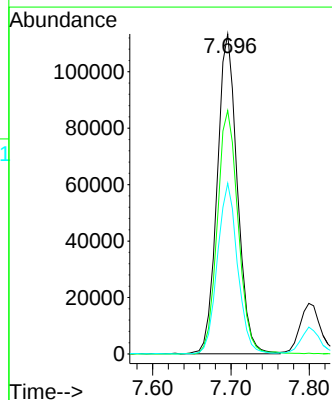
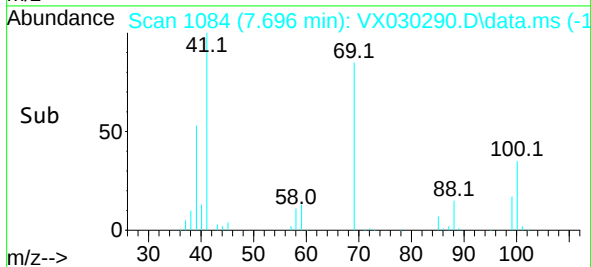
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

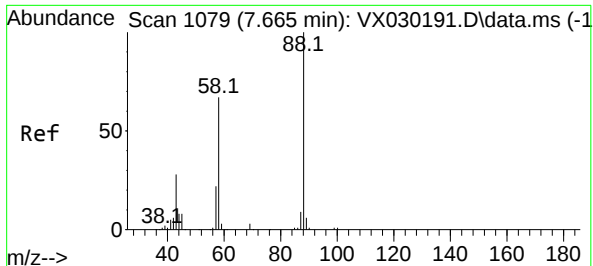


#48
Methyl methacrylate
Concen: 54.617 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 41 Resp: 202859
Ion Ratio Lower Upper
41 100
69 78.6 68.8 103.2
39 53.5 44.6 66.8





#49

1,4-Dioxane

Concen: 958.829 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 82254

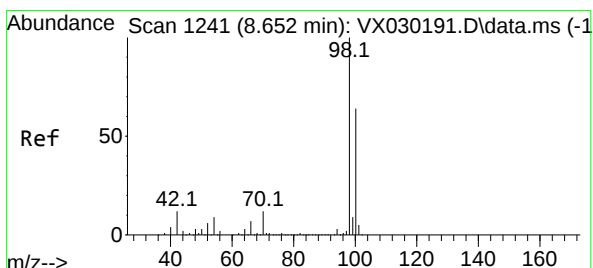
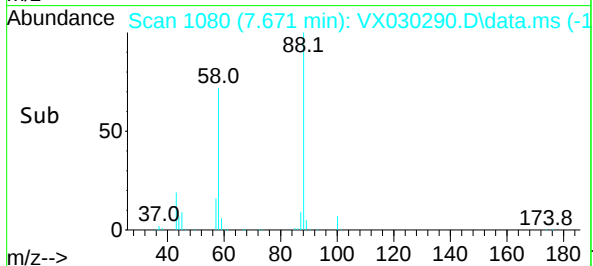
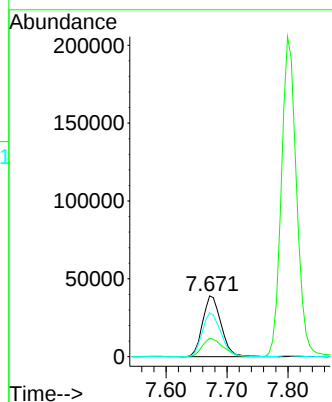
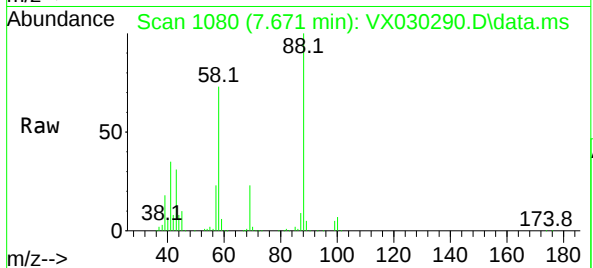
Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.8	35.8
58	73.1	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#50

Toluene-d8

Concen: 51.455 ug/l

RT: 8.653 min Scan# 1241

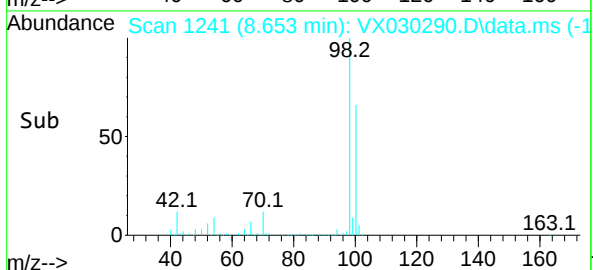
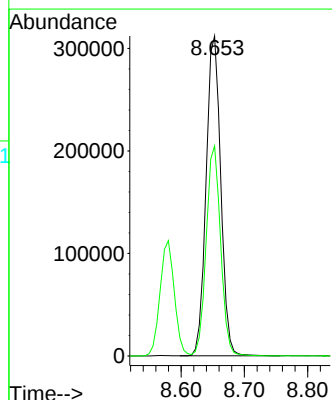
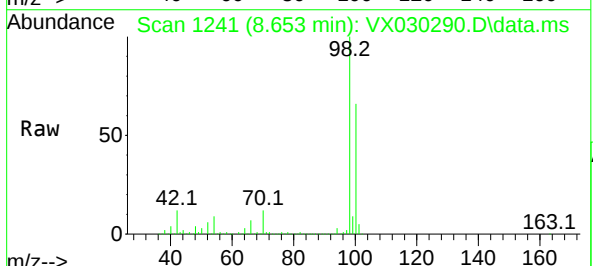
Delta R.T. 0.001 min

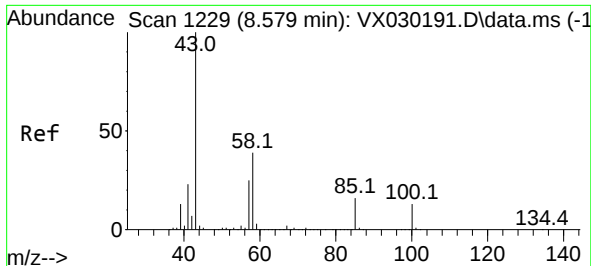
Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Tgt Ion: 98 Resp: 503324

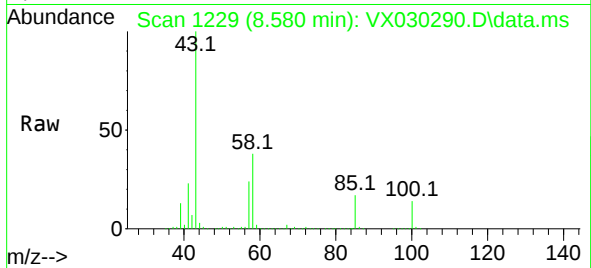
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 264.858 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

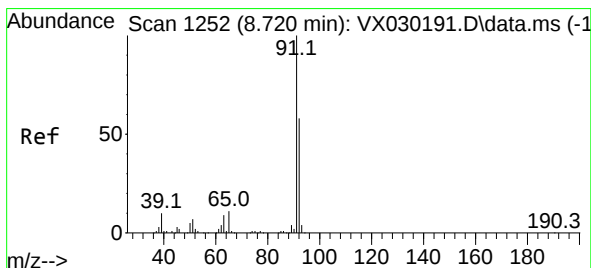
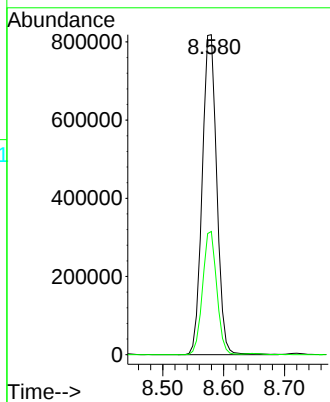
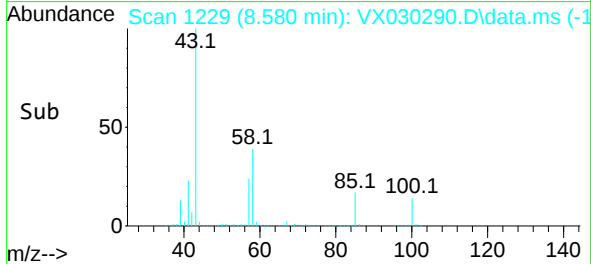
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



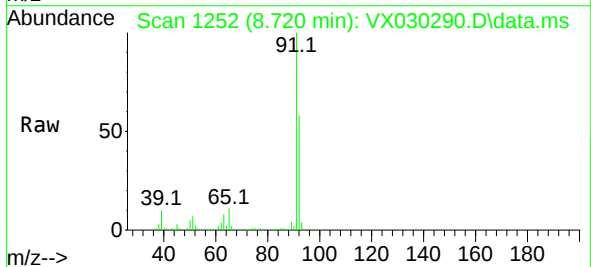
Tgt Ion: 43 Resp: 1356854
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2

Manual Integrations
APPROVED

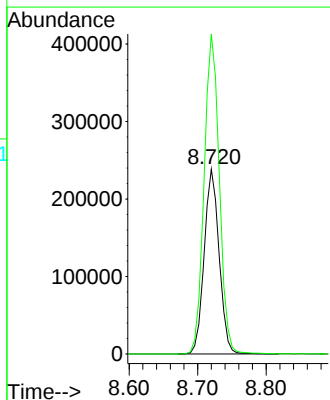
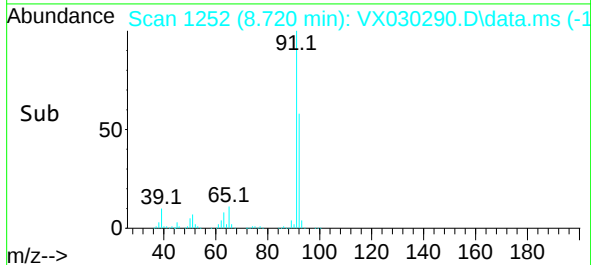
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

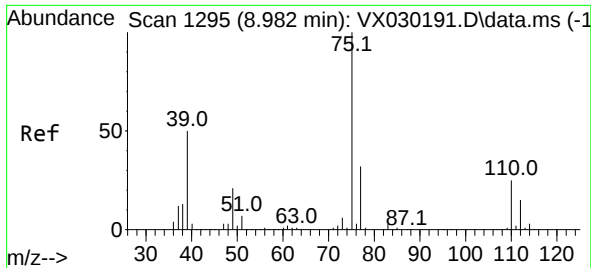


#52
Toluene
Concen: 51.813 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 92 Resp: 361538
Ion Ratio Lower Upper
92 100
91 176.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.494 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 22558

Ion Ratio Lower Upper

75 100

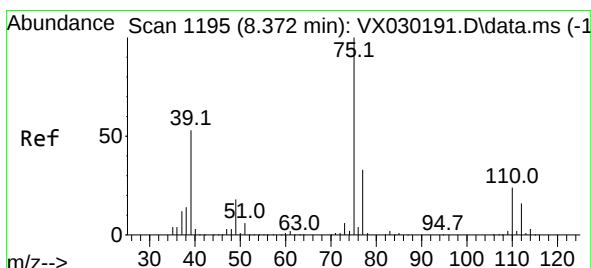
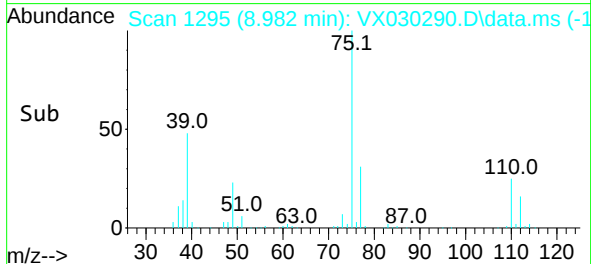
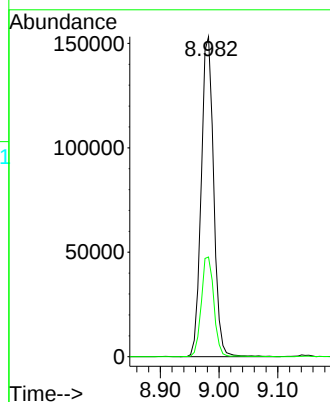
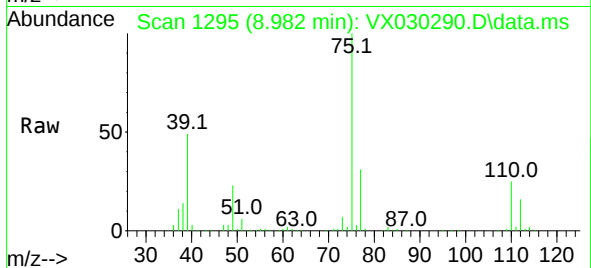
77 31.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#54

cis-1,3-Dichloropropene

Concen: 54.881 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

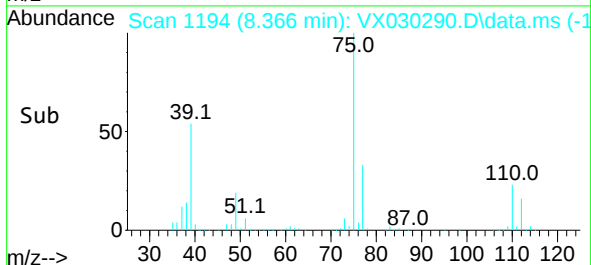
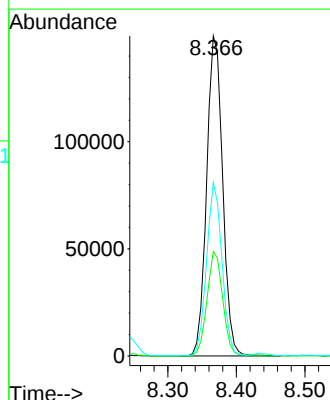
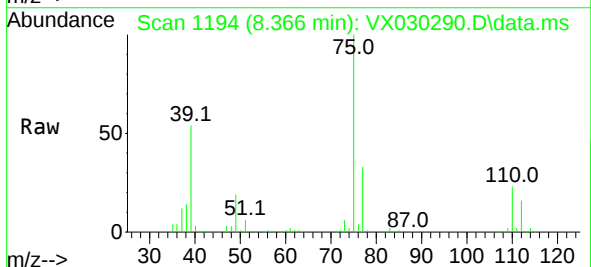
Tgt Ion: 75 Resp: 243113

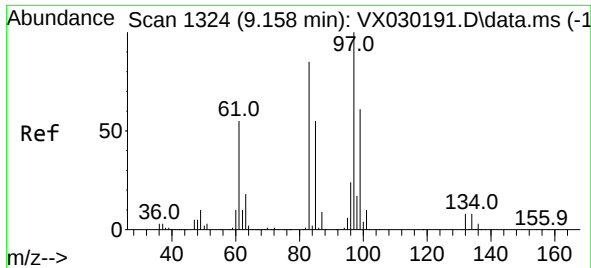
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

39 54.1 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 50.829 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.005 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 151008

Ion Ratio Lower Upper

97 100

83 89.6 68.9 103.3

85 56.6 44.0 66.0

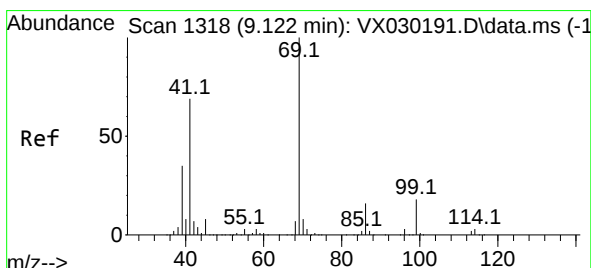
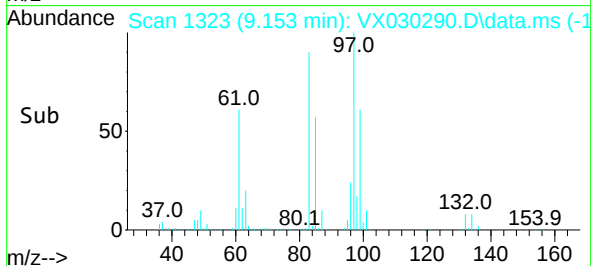
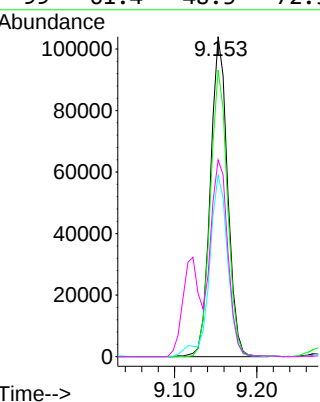
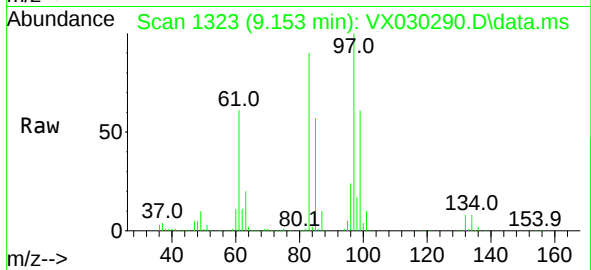
99 61.4 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#56

Ethyl methacrylate

Concen: 54.451 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

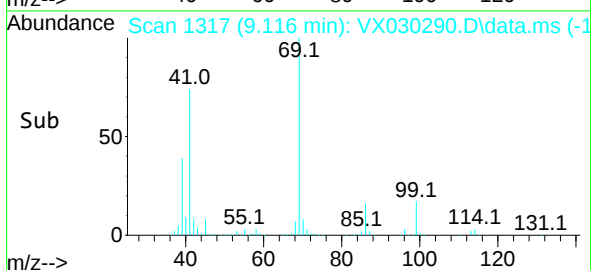
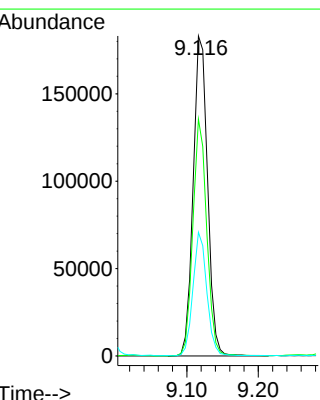
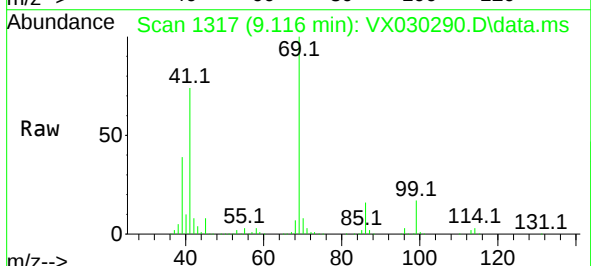
Tgt Ion: 69 Resp: 255729

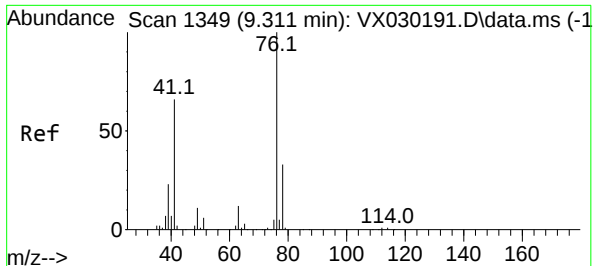
Ion Ratio Lower Upper

69 100

41 71.4 52.3 78.5

39 37.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 52.053 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 255268

Ion Ratio Lower Upper

76 100

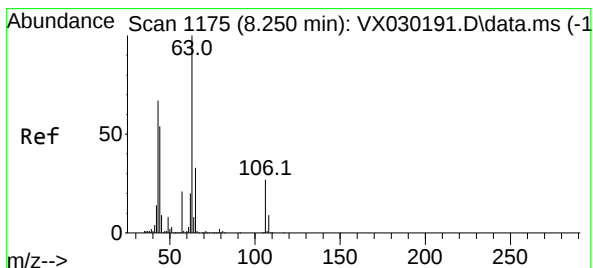
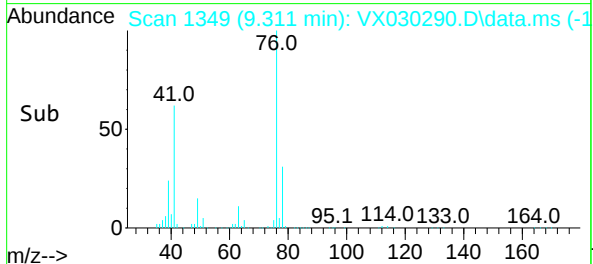
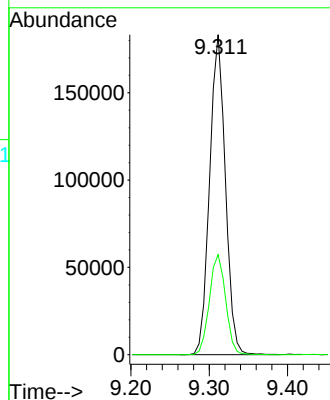
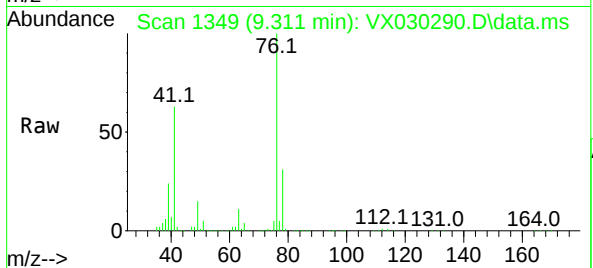
78 32.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 282.411 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030290.D

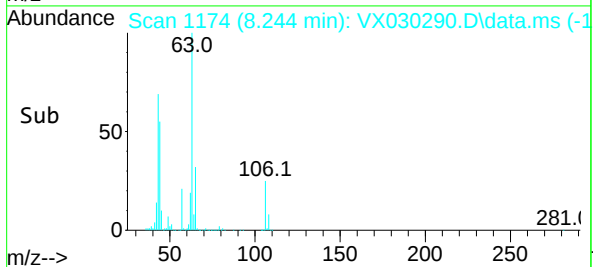
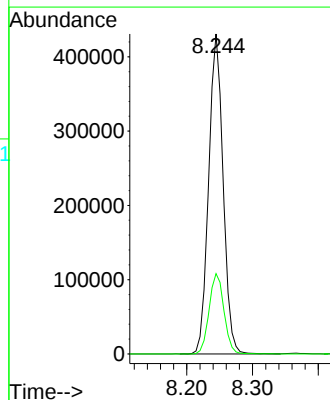
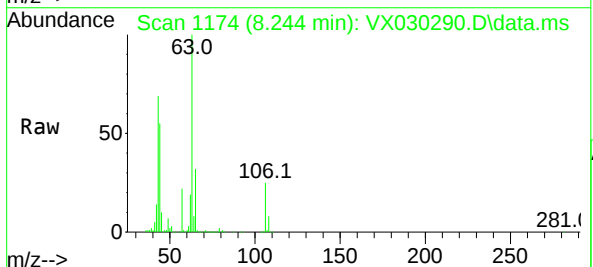
Acq: 29 Jul 2022 09:59

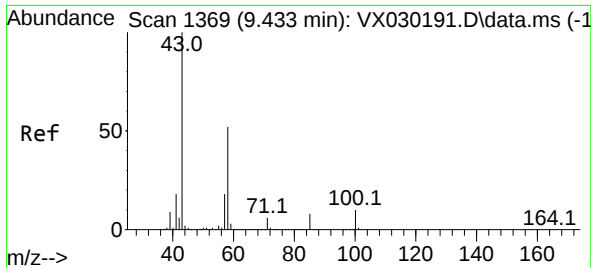
Tgt Ion: 63 Resp: 658258

Ion Ratio Lower Upper

63 100

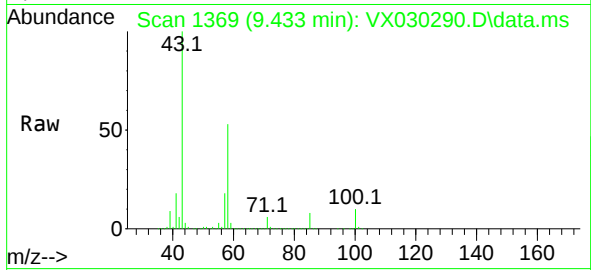
106 25.8 22.2 33.2





#59
2-Hexanone
Concen: 266.976 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

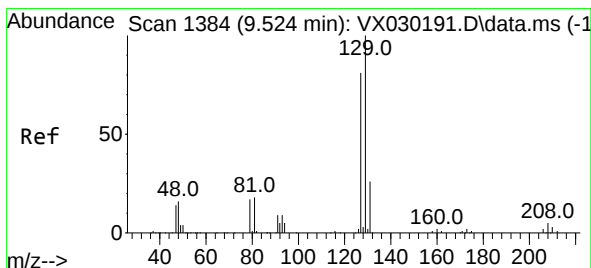
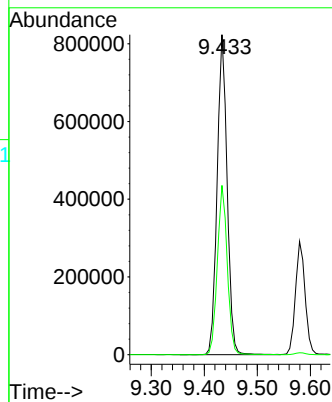
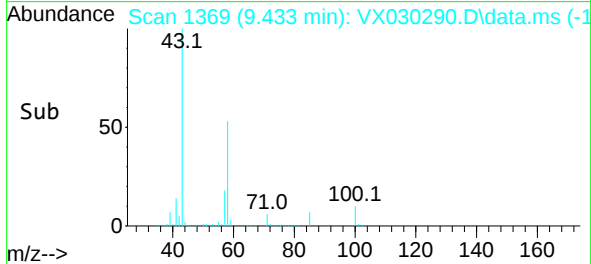
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107904
Ion Ratio Lower Upper
43 100
58 52.8 27.6 82.8

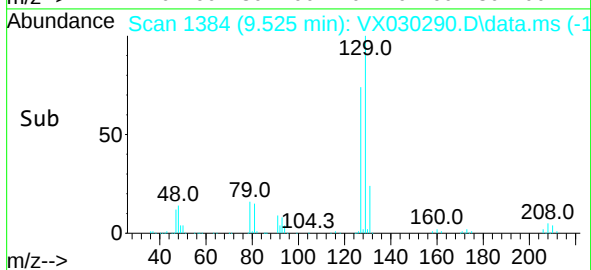
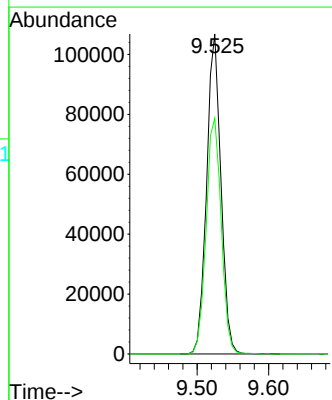
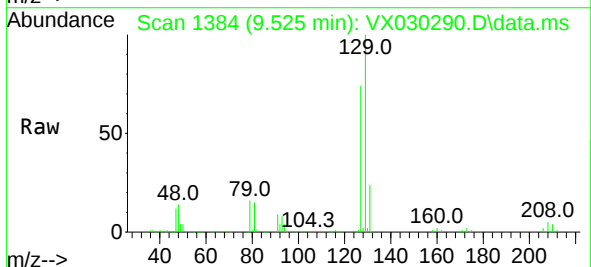
Manual Integrations
APPROVED

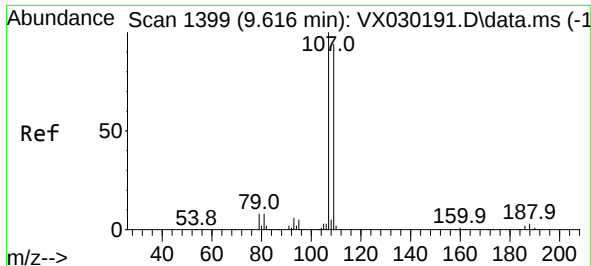
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#60
Dibromochloromethane
Concen: 53.941 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

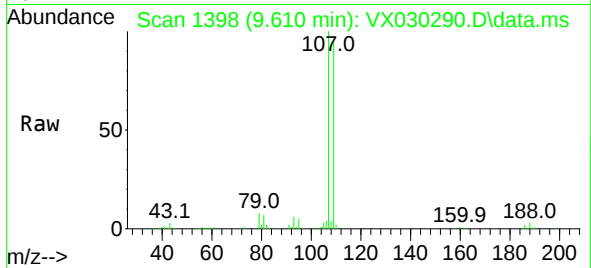
Tgt Ion:129 Resp: 148346
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.926 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

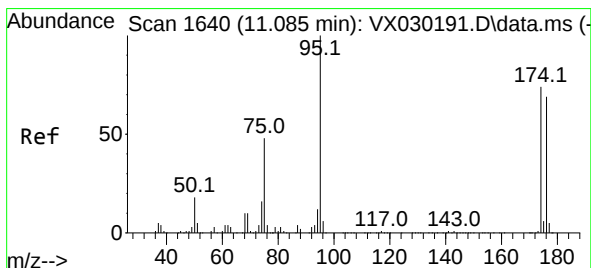
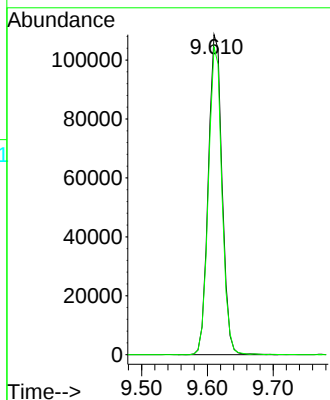
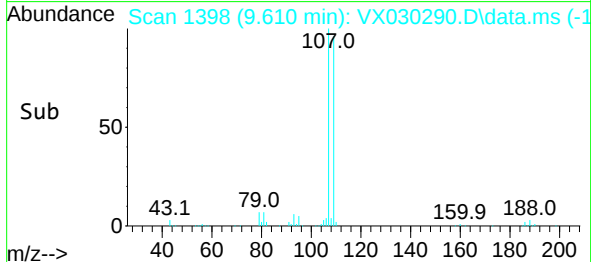
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



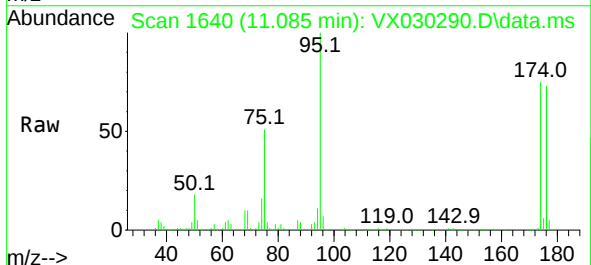
Tgt Ion:107 Resp: 157980
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

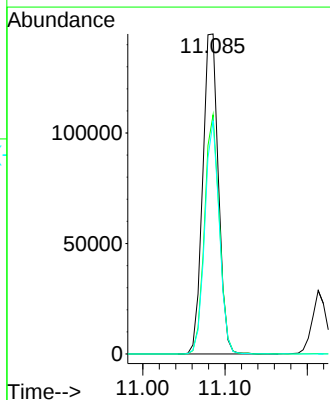
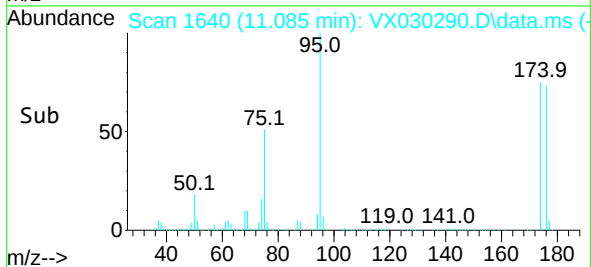
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

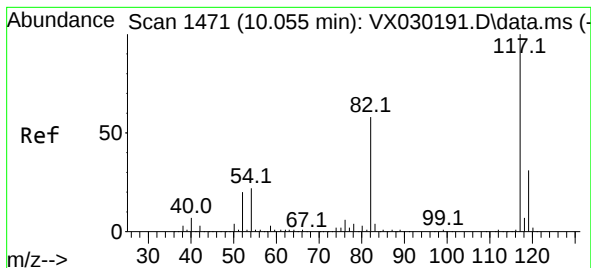


#62
4-Bromofluorobenzene
Concen: 52.981 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



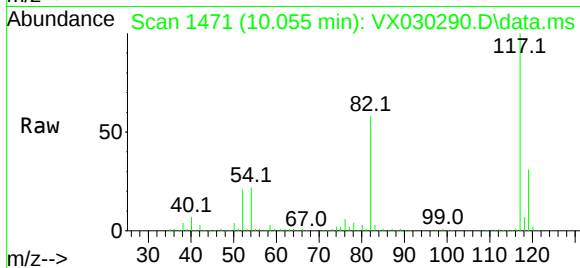
Tgt Ion: 95 Resp: 192334
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 67.5 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

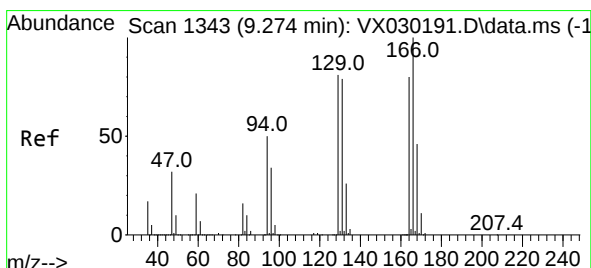
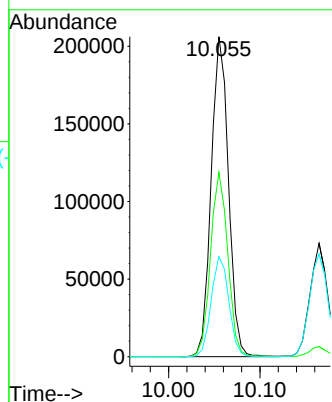
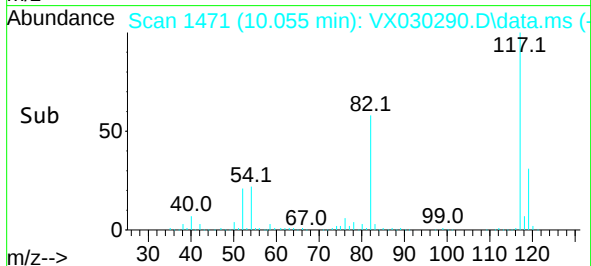
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 270338
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 31.2 25.4 38.2

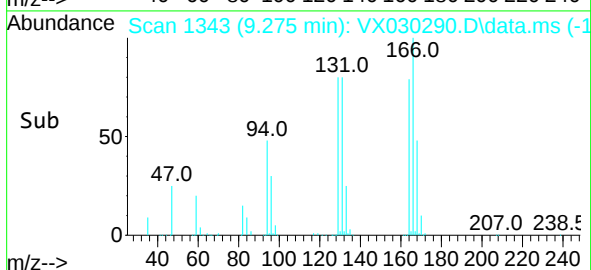
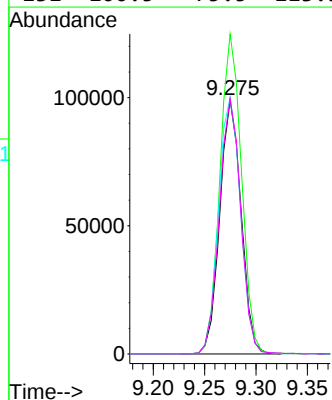
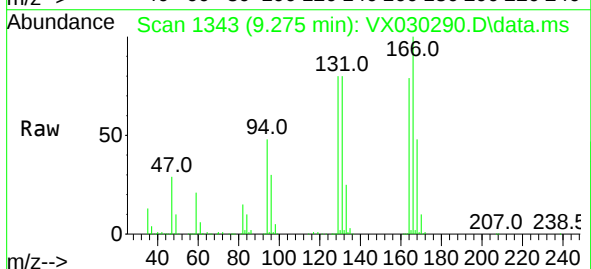
Manual Integrations
APPROVED

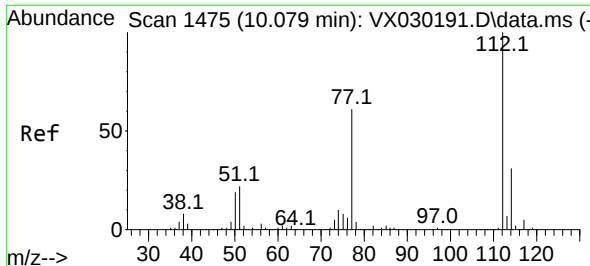
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#64
Tetrachloroethene
Concen: 48.959 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

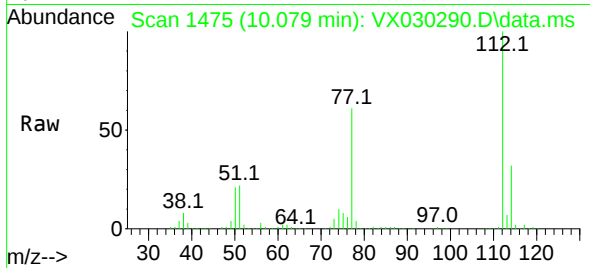
Tgt Ion:164 Resp: 142489
Ion Ratio Lower Upper
164 100
166 126.0 98.2 147.4
129 101.1 80.8 121.2
131 100.5 75.5 113.3





#65
Chlorobenzene
Concen: 51.763 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

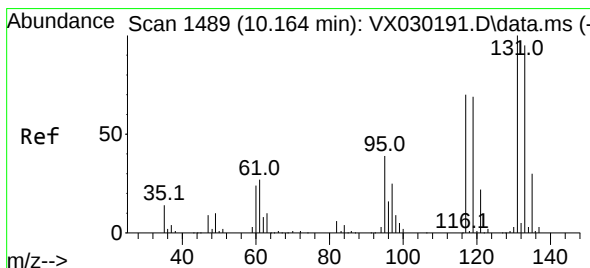
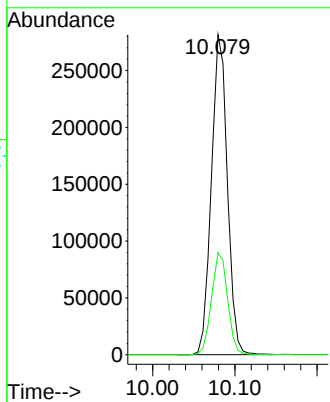
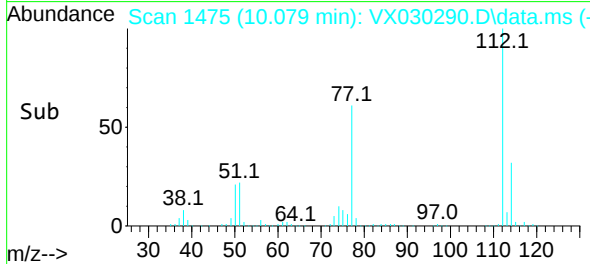
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



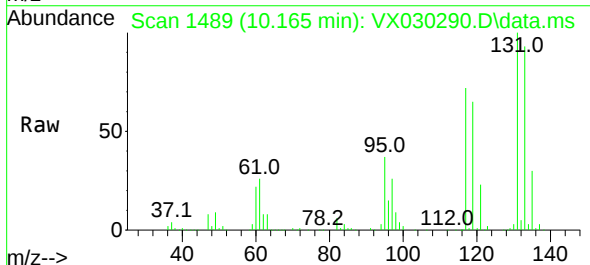
Tgt Ion:112 Resp: 38012
Ion Ratio Lower Upper
112 100
114 31.9 24.6 36.8

Manual Integrations
APPROVED

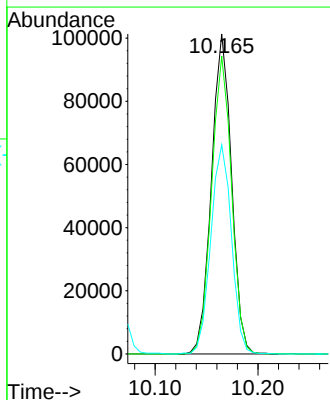
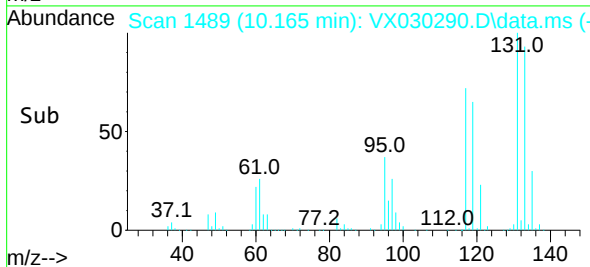
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

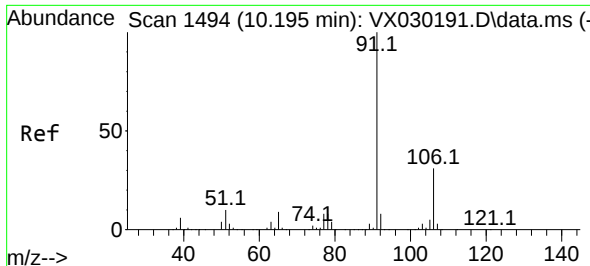


#66
1,1,1,2-Tetrachloroethane
Concen: 54.903 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



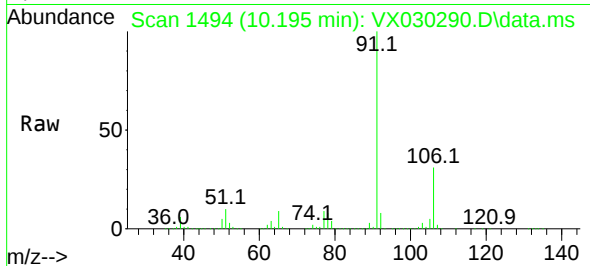
Tgt Ion:131 Resp: 137058
Ion Ratio Lower Upper
131 100
133 93.0 46.9 140.8
119 67.4 34.4 103.1





#67
Ethyl Benzene
Concen: 50.236 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

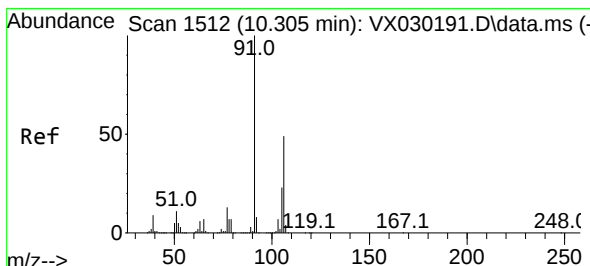
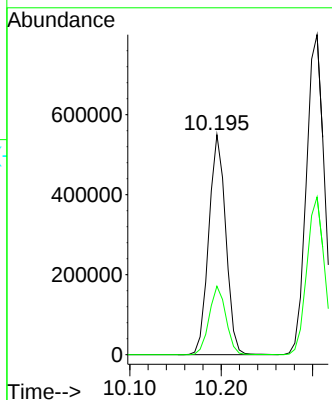
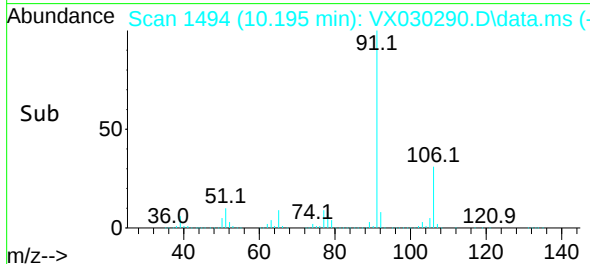
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



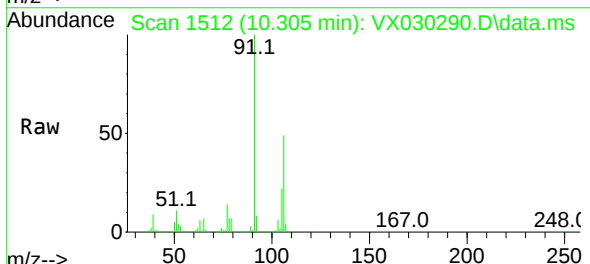
Tgt Ion: 91 Resp: 705907
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

Manual Integrations
APPROVED

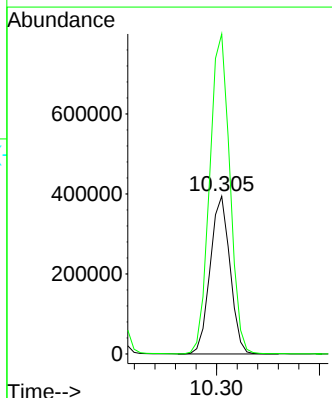
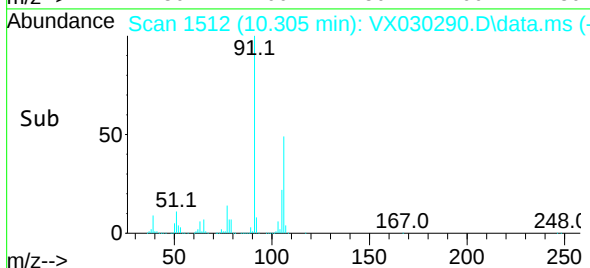
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

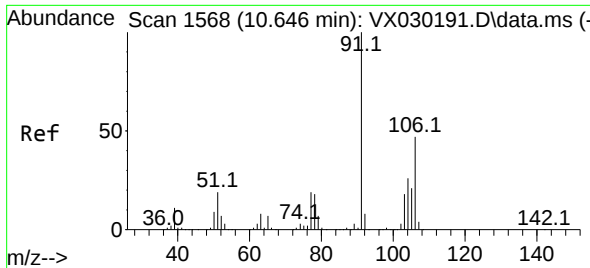


#68
m/p-Xylenes
Concen: 105.655 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



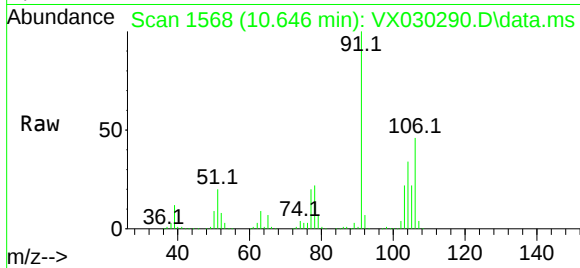
Tgt Ion:106 Resp: 525604
Ion Ratio Lower Upper
106 100
91 207.8 158.2 237.4





#69
o-Xylene
Concen: 53.613 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

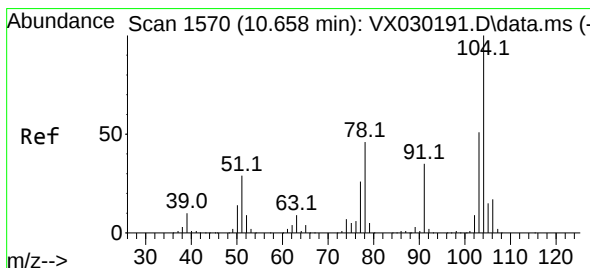
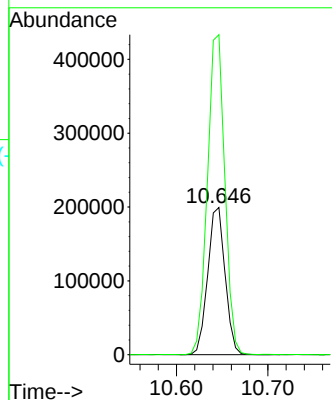
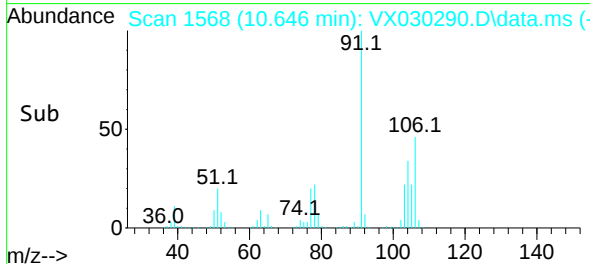
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 262860
Ion Ratio Lower Upper
106 100
91 217.9 103.8 311.6

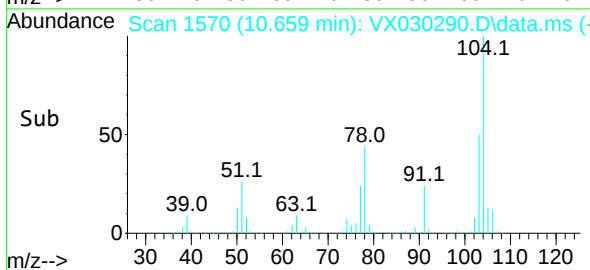
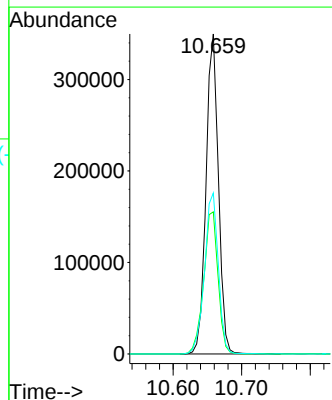
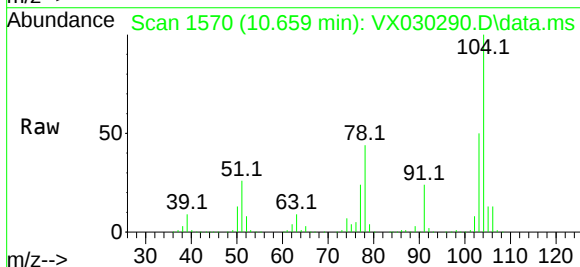
Manual Integrations
APPROVED

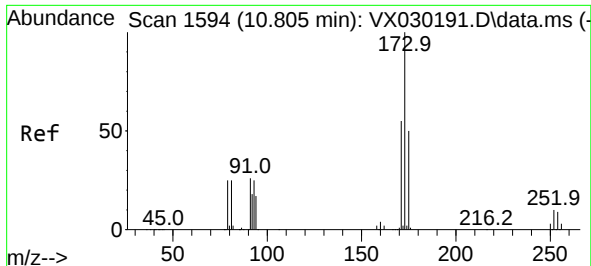
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#70
Styrene
Concen: 54.822 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

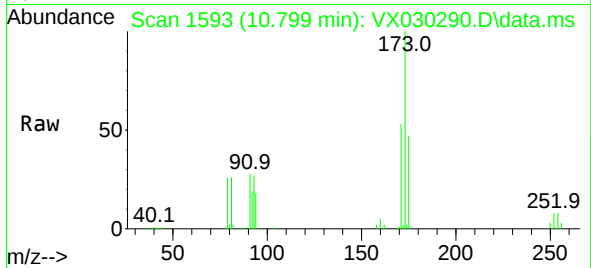
Tgt Ion:104 Resp: 441614
Ion Ratio Lower Upper
104 100
78 51.4 37.8 56.8
103 56.0 44.5 66.7





#71
Bromoform
Concen: 55.866 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

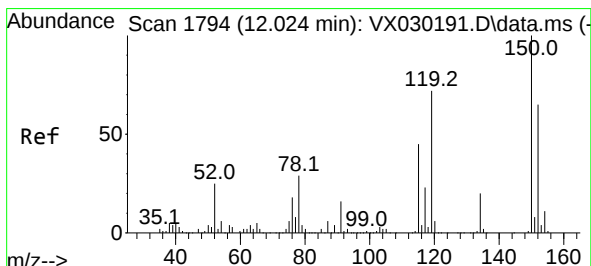
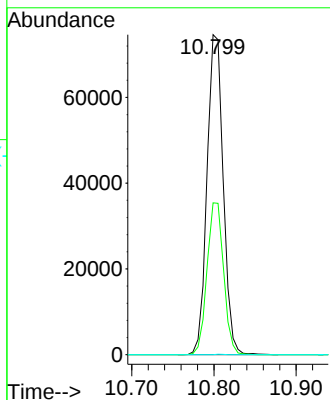
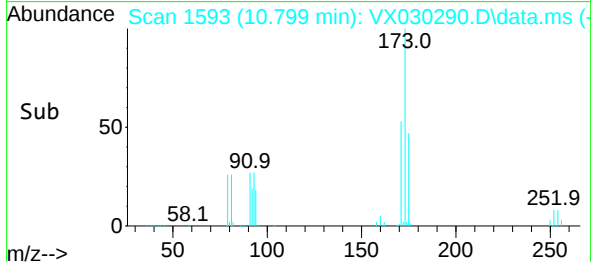
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 102529
Ion Ratio Lower Upper
173 100
175 48.6 23.8 71.2
254 0.1 0.1 0.1

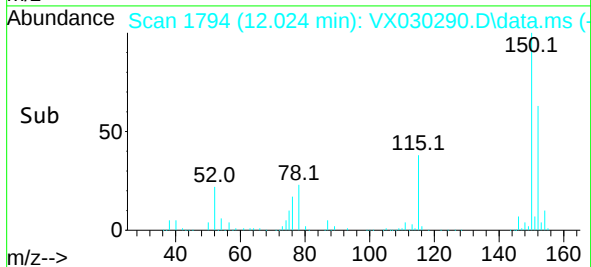
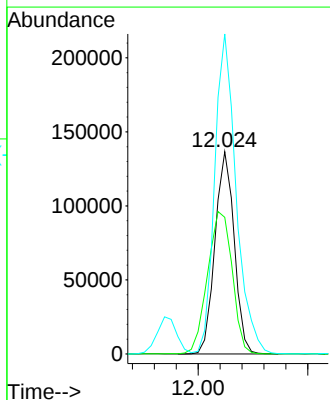
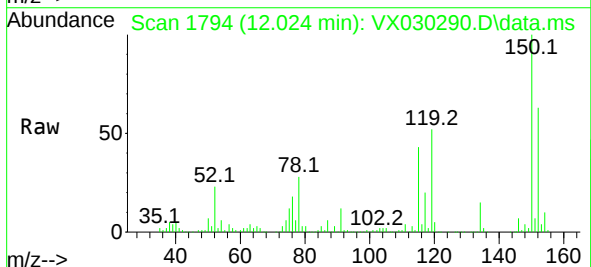
Manual Integrations
APPROVED

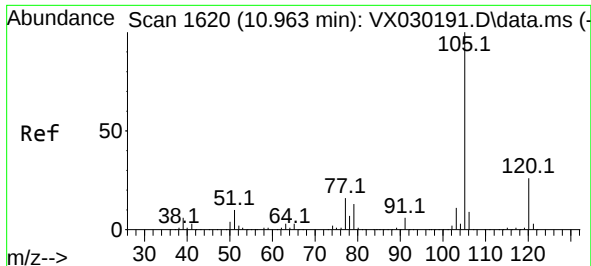
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

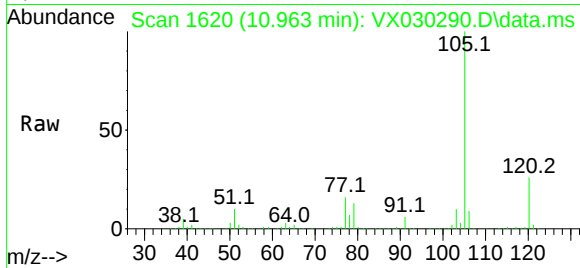
Tgt Ion:152 Resp: 166442
Ion Ratio Lower Upper
152 100
115 90.5 40.5 121.5
150 177.1 0.0 347.0





#73
Isopropylbenzene
Concen: 53.516 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

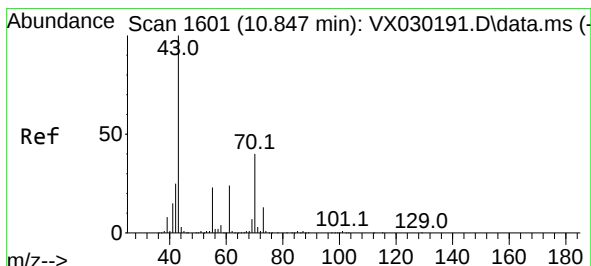
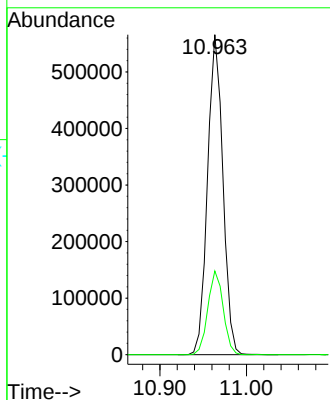
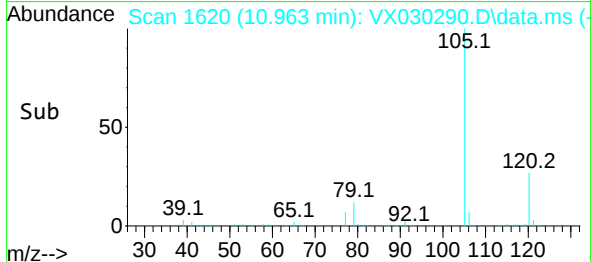
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



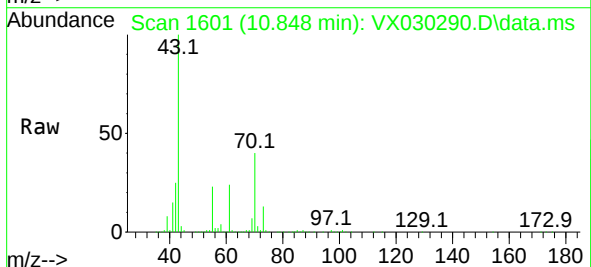
Tgt Ion:105 Resp: 695364
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

Manual Integrations
APPROVED

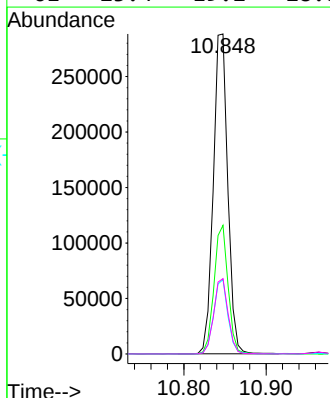
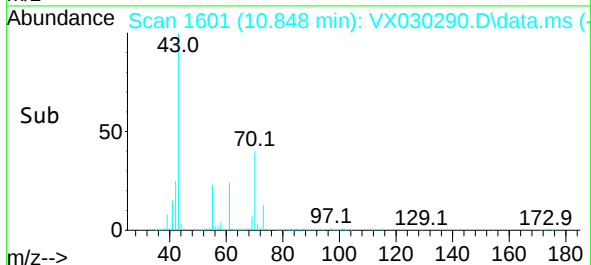
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

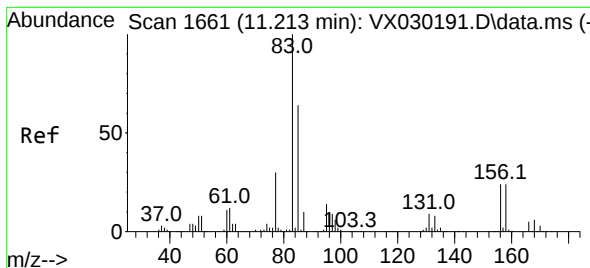


#74
N-ethyl acetate
Concen: 55.839 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



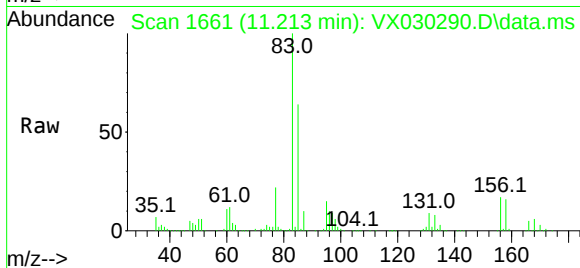
Tgt Ion: 43 Resp: 352628
Ion Ratio Lower Upper
43 100
70 39.1 32.3 48.5
55 23.0 18.4 27.6
61 23.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.404 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

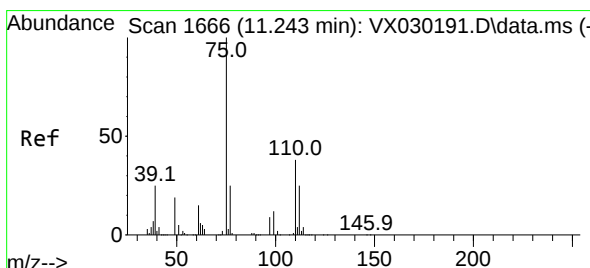
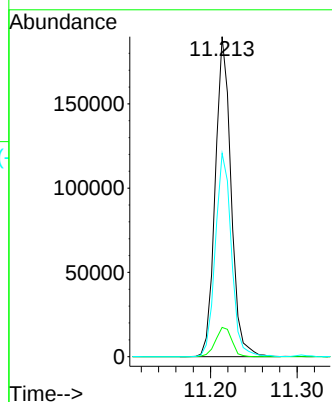
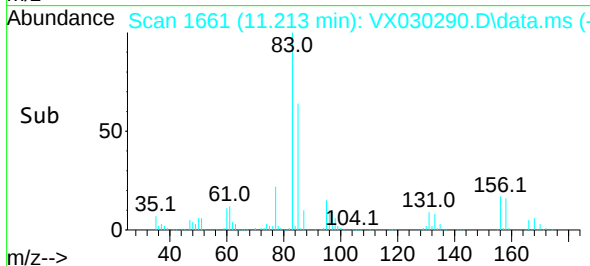
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23971
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.7 32.5 97.5

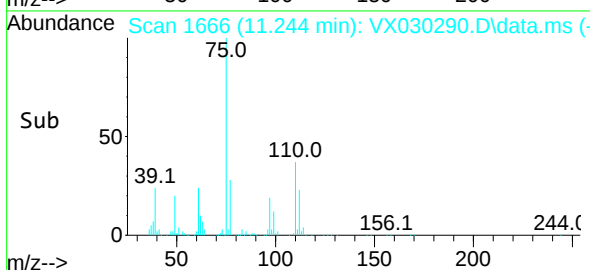
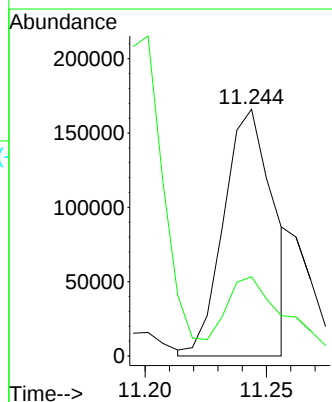
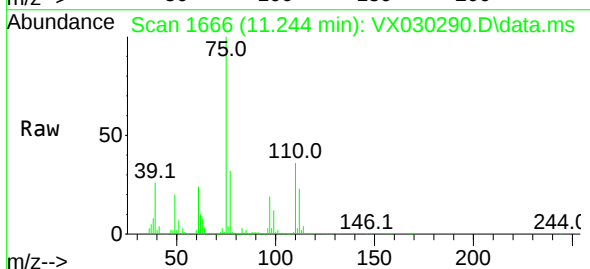
Manual Integrations
APPROVED

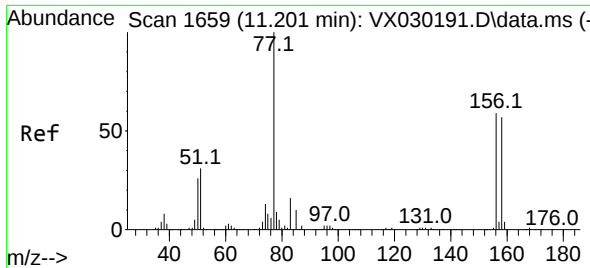
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#76
1,2,3-Trichloropropane
Concen: 53.553 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

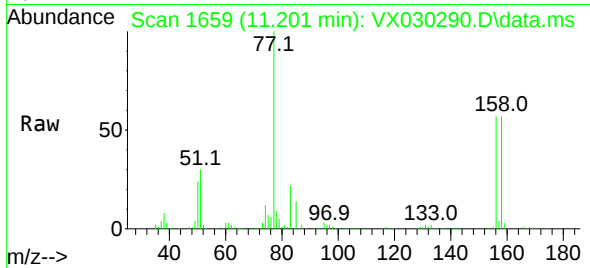
Tgt Ion: 75 Resp: 234956
Ion Ratio Lower Upper
75 100
77 38.5 19.8 59.3





#77
Bromobenzene
Concen: 50.245 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

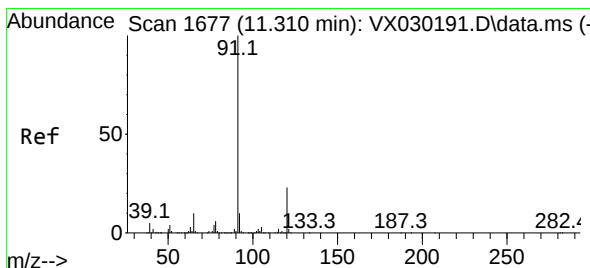
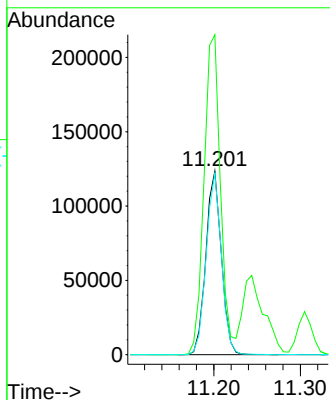
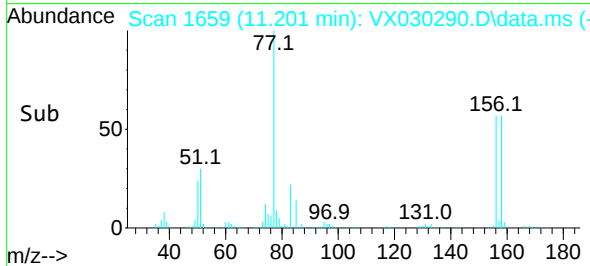
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



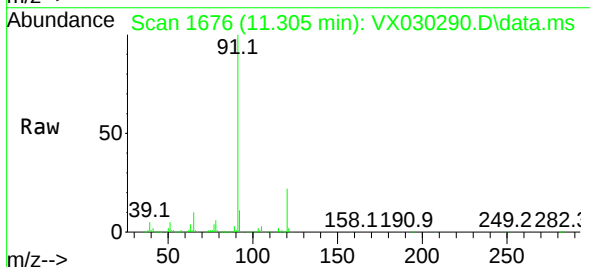
Tgt Ion:156 Resp: 153235
Ion Ratio Lower Upper
156 100
77 185.7 82.7 247.9
158 97.2 47.5 142.5

Manual Integrations
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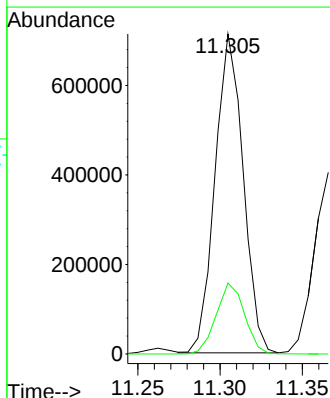
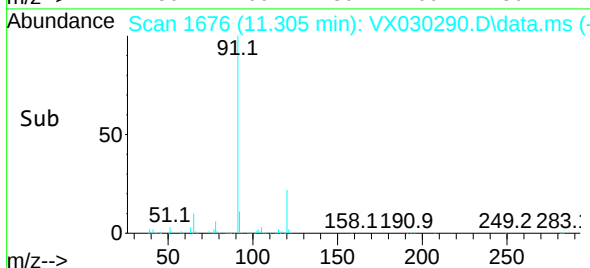
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

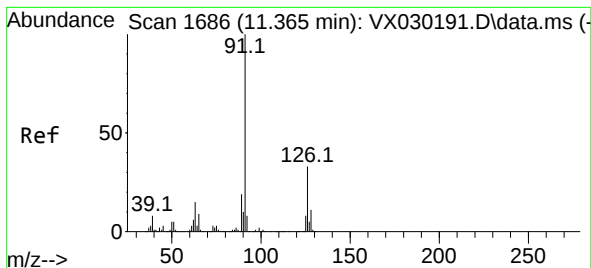


#78
n-propylbenzene
Concen: 54.495 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion: 91 Resp: 845113
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





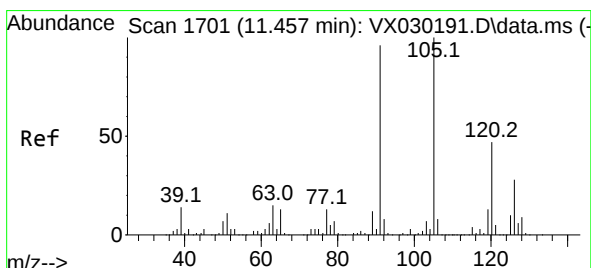
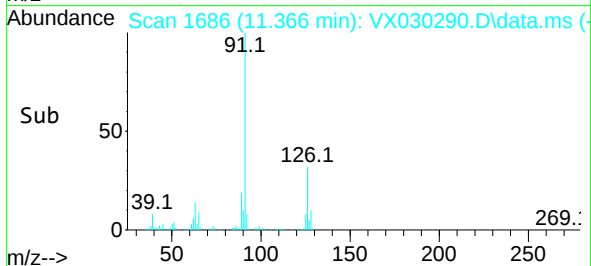
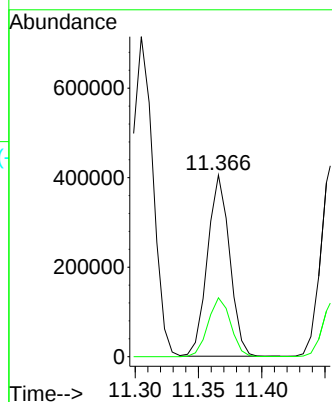
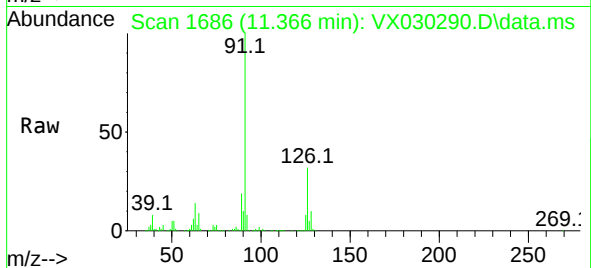
#79
2-Chlorotoluene
Concen: 50.574 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 495284
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.3

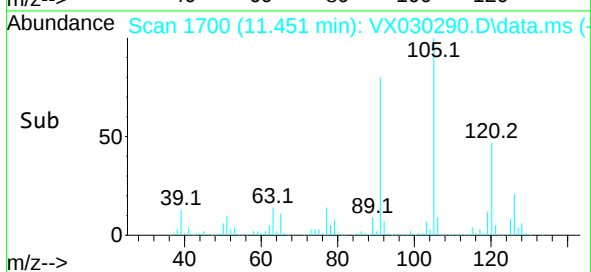
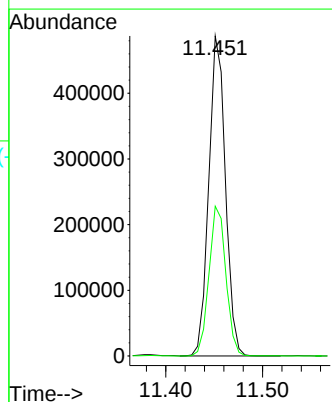
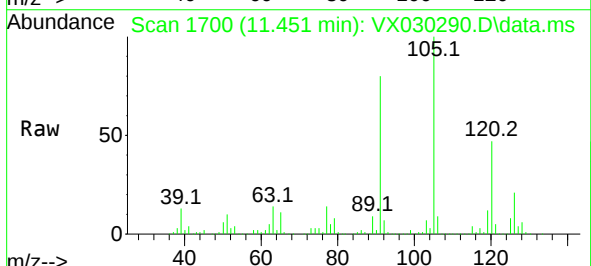
Manual Integrations
APPROVED

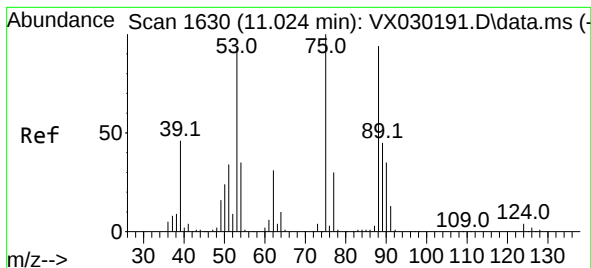
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion:105 Resp: 583272
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.2





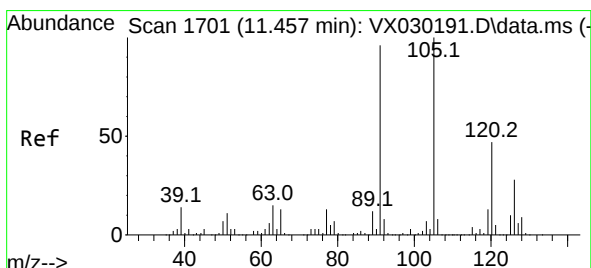
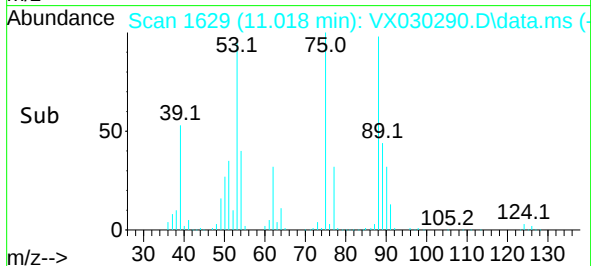
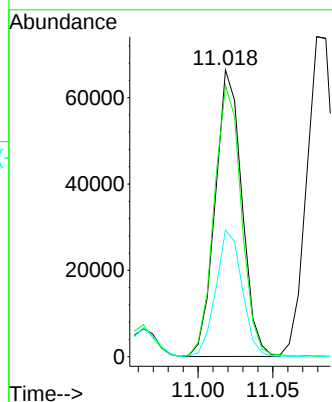
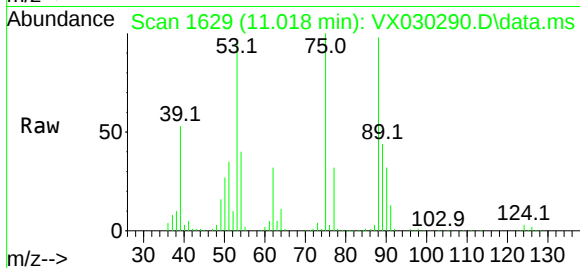
#81
trans-1,4-Dichloro-2-butene
Concen: 56.321 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 82368
Ion Ratio Lower Upper
75 100
53 97.0 74.2 111.4
89 43.6 34.8 52.2

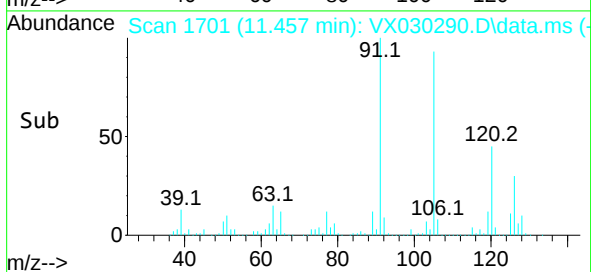
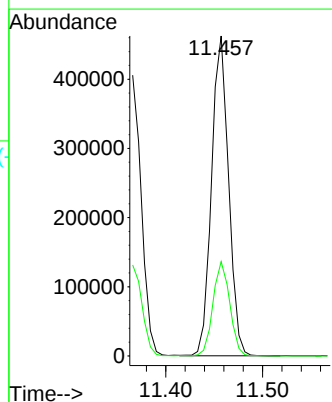
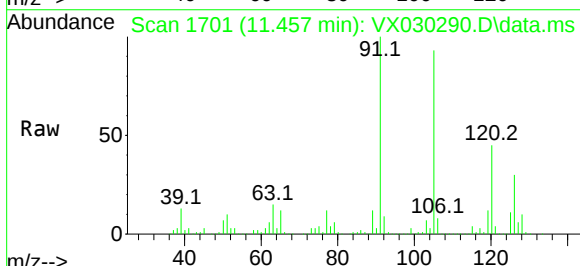
Manual Integrations
APPROVED

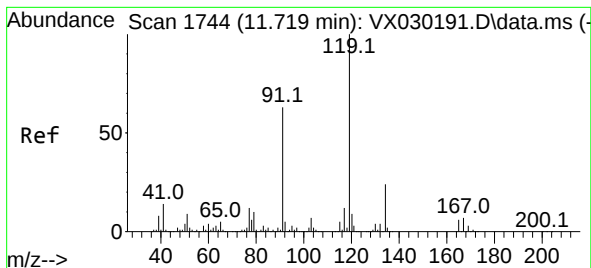
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#82
4-Chlorotoluene
Concen: 52.958 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion: 91 Resp: 566658
Ion Ratio Lower Upper
91 100
126 29.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 54.442 ug/l

RT: 11.713 min Scan# 119

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 549019

Ion Ratio Lower Upper

119 100

91 63.1 28.3 84.9

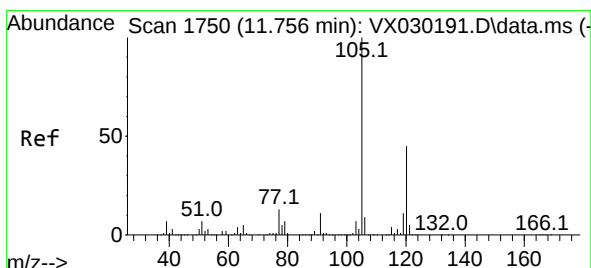
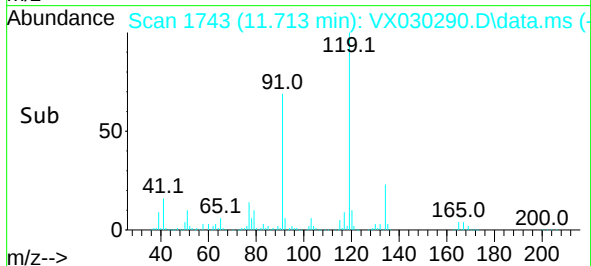
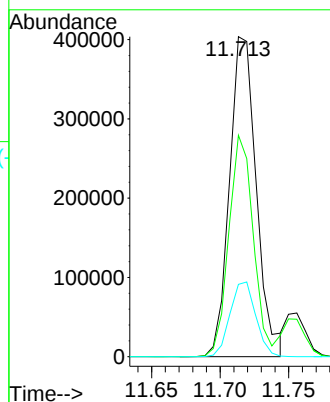
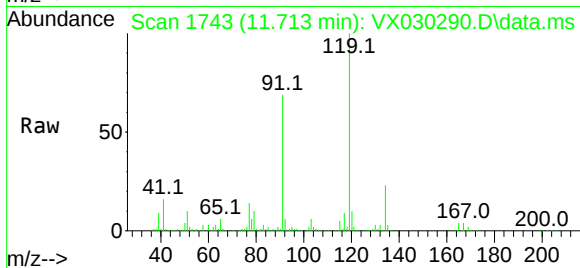
134 22.4 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#84

1,2,4-Trimethylbenzene

Concen: 54.430 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030290.D

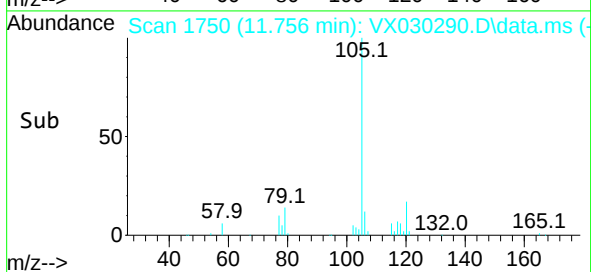
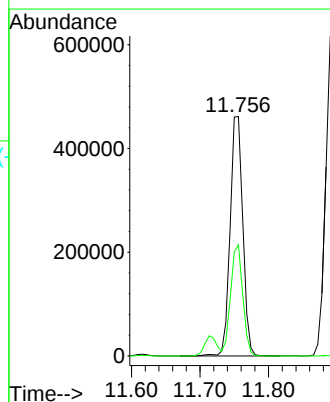
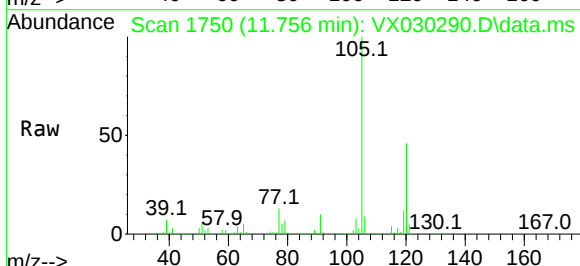
Acq: 29 Jul 2022 09:59

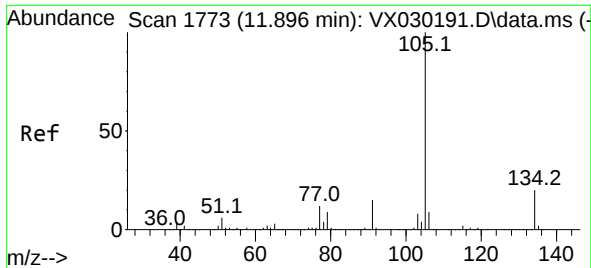
Tgt Ion:105 Resp: 590813

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.8





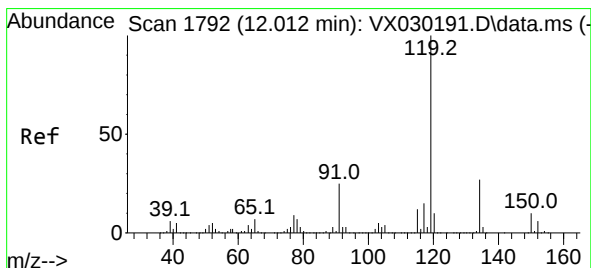
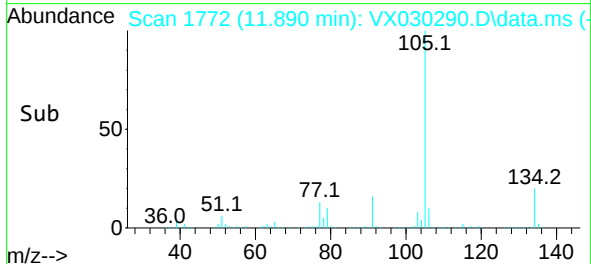
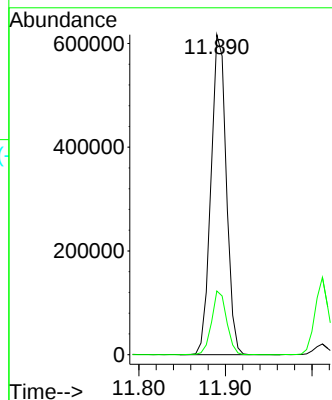
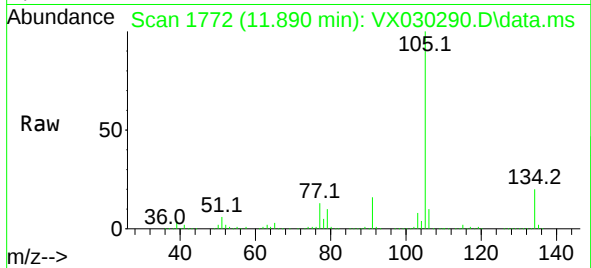
#85
 sec-Butylbenzene
 Concen: 54.940 ug/l
 RT: 11.890 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VX030290.D
 Acq: 29 Jul 2022 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 75831
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0

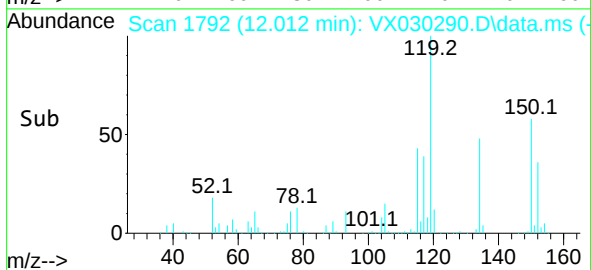
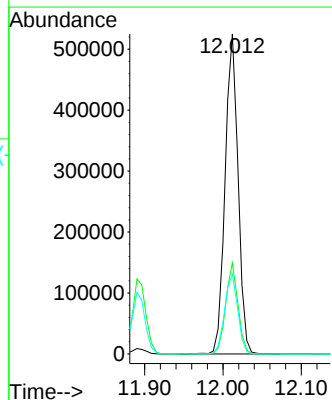
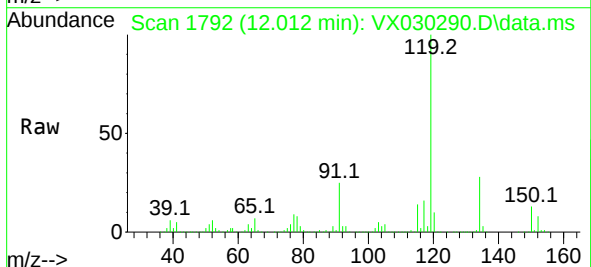
Manual Integrations
 APPROVED

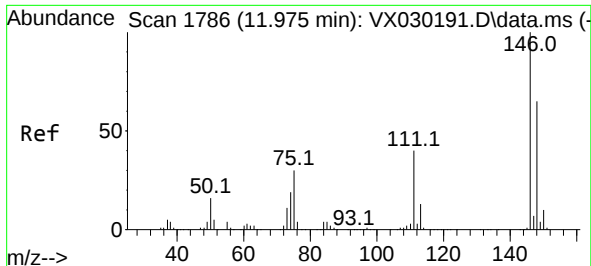
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#86
 p-Isopropyltoluene
 Concen: 54.861 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030290.D
 Acq: 29 Jul 2022 09:59

Tgt Ion:119 Resp: 605818
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.9 41.6
 91 25.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.483 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 30535

Ion Ratio Lower Upper

146 100

111 42.5 20.3 60.8

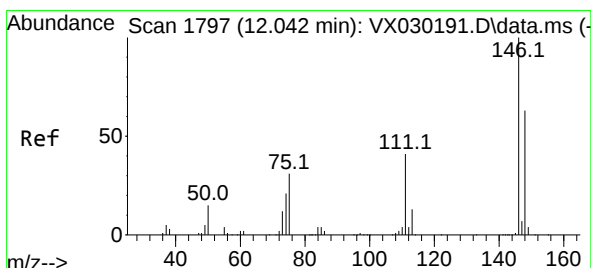
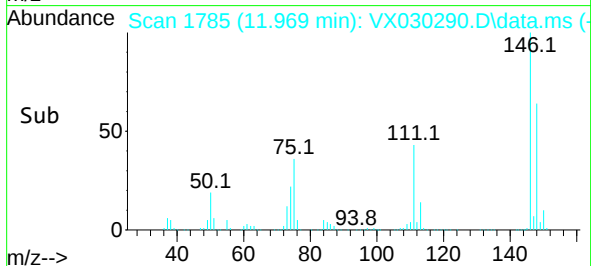
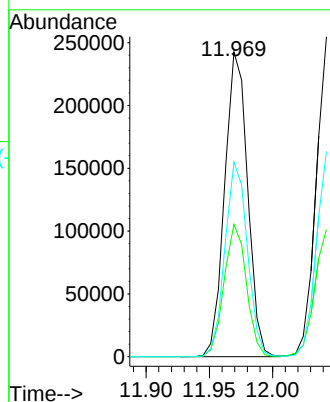
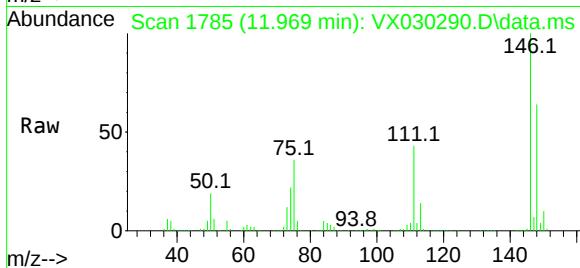
148 62.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#88

1,4-Dichlorobenzene

Concen: 50.798 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030290.D

Acq: 29 Jul 2022 09:59

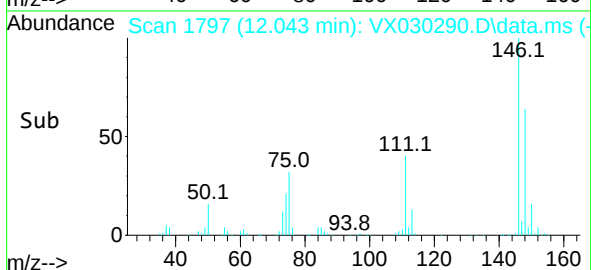
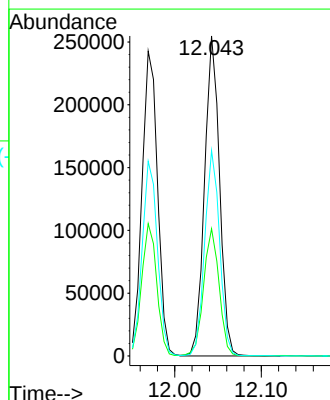
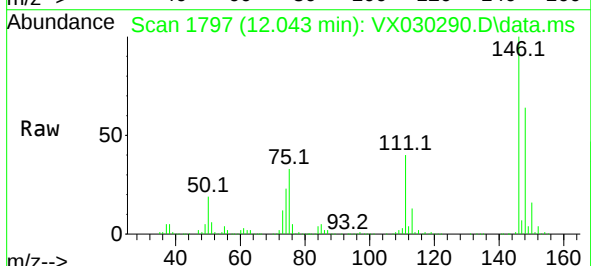
Tgt Ion:146 Resp: 306703

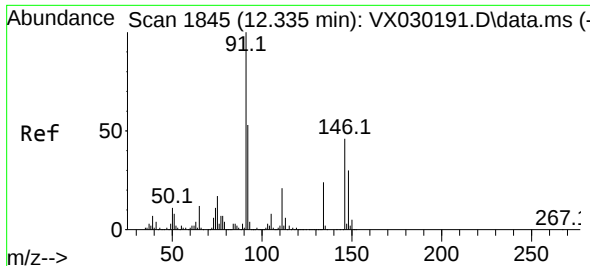
Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

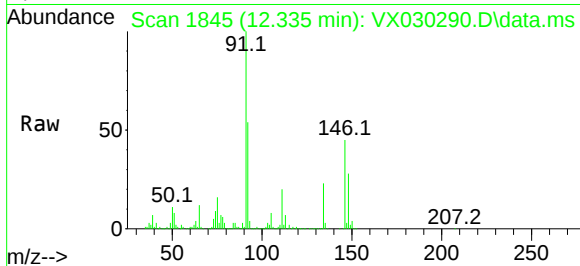
148 64.0 32.3 96.8





#89
n-Butylbenzene
Concen: 60.102 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

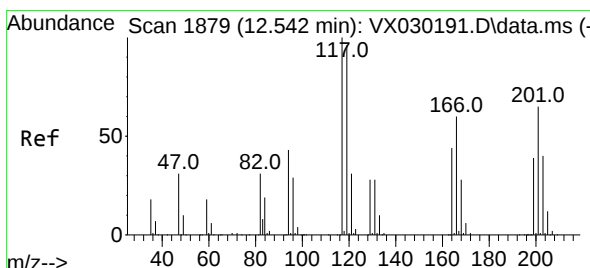
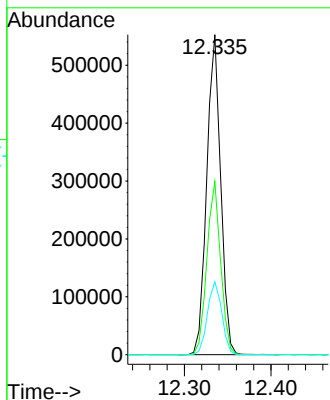
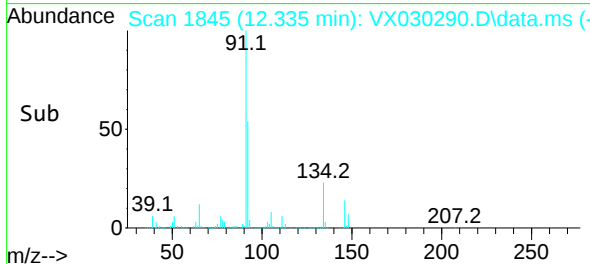
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 617910
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.5
134 23.5 12.6 37.8

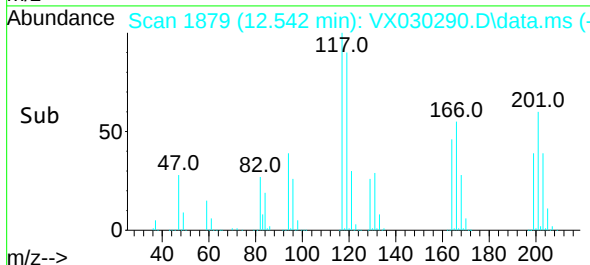
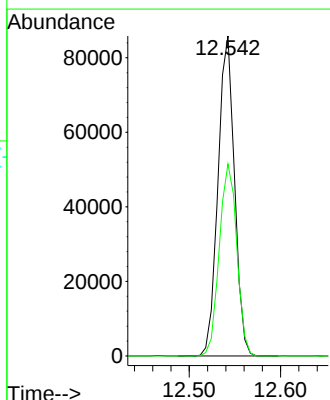
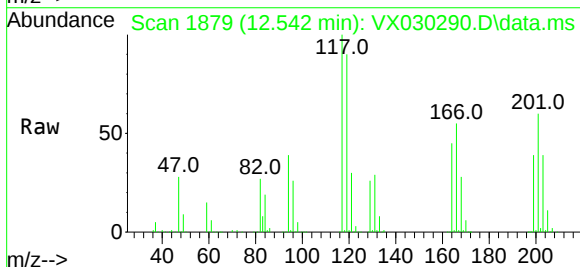
Manual Integrations
APPROVED

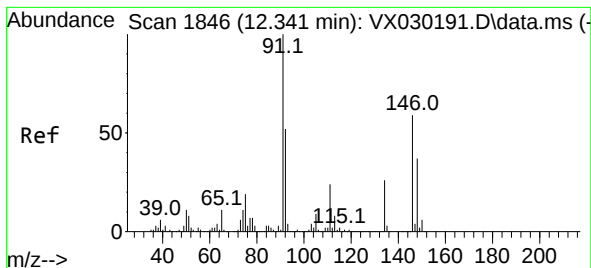
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#90
Hexachloroethane
Concen: 56.786 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

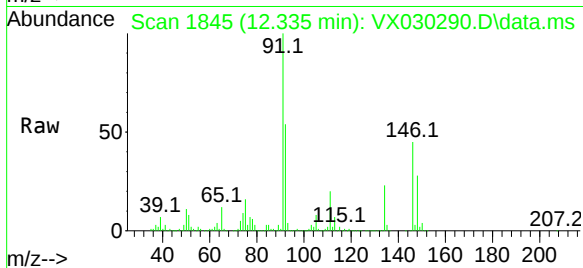
Tgt Ion:117 Resp: 107969
Ion Ratio Lower Upper
117 100
201 63.6 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 53.019 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

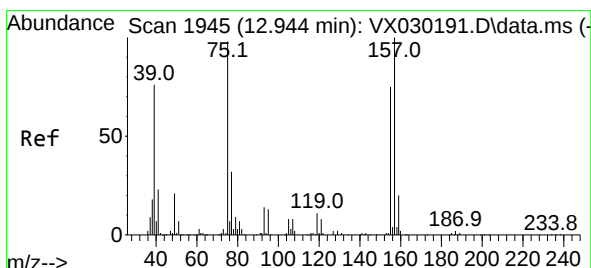
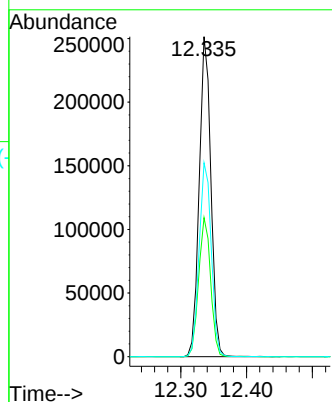
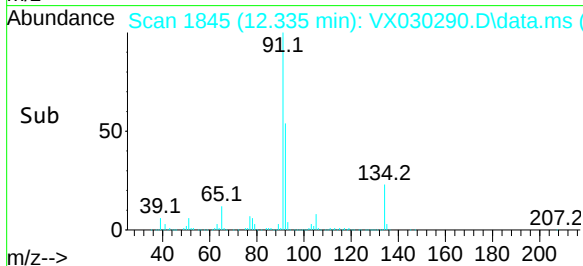
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



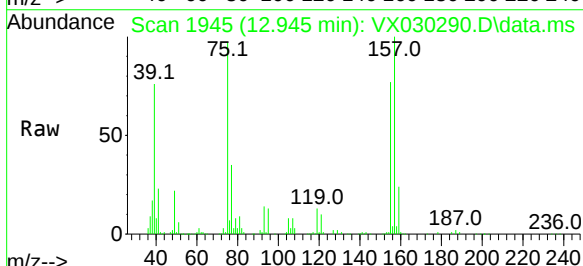
Tgt Ion:146 Resp: 308658
Ion Ratio Lower Upper
146 100
111 44.6 20.7 62.1
148 62.8 32.0 96.2

Manual Integrations
APPROVED

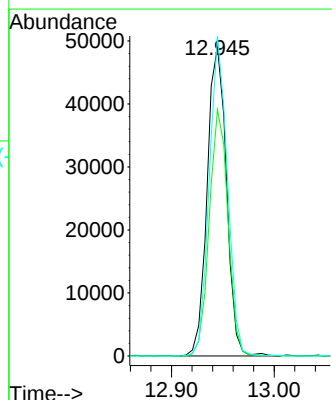
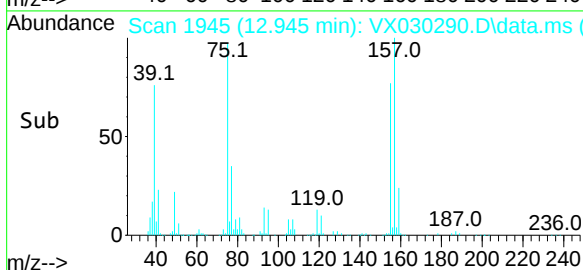
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

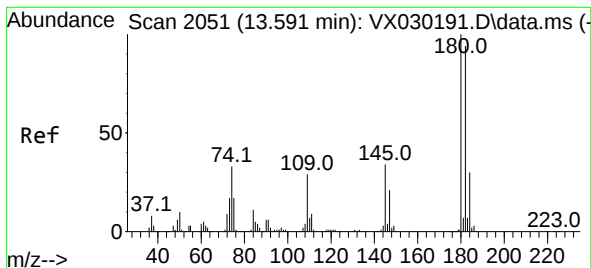


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.990 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



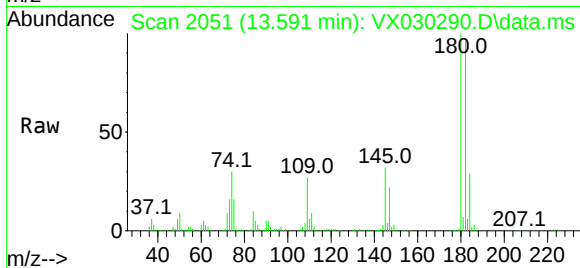
Tgt Ion: 75 Resp: 63866
Ion Ratio Lower Upper
75 100
155 77.2 45.0 134.8
157 97.2 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 57.432 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

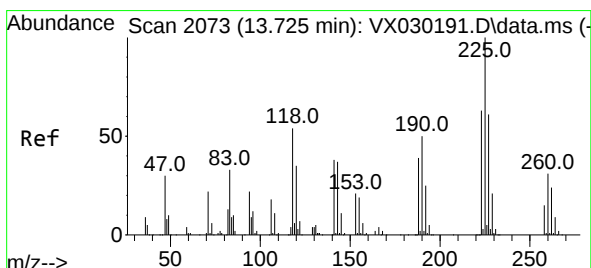
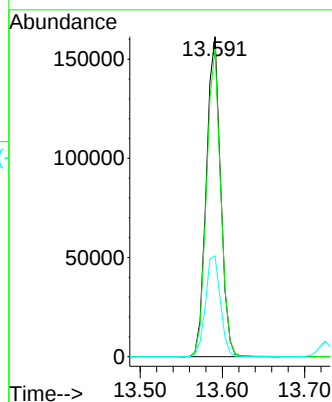
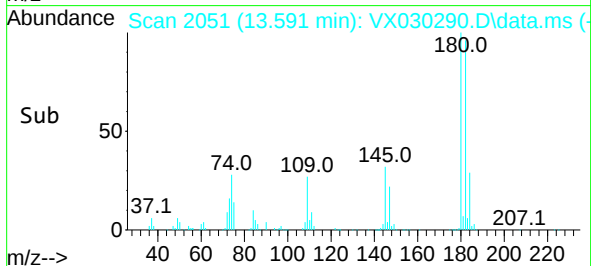
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



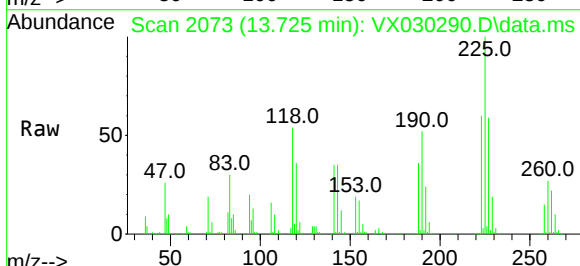
Tgt Ion:180 Resp: 193894
Ion Ratio Lower Upper
180 100
182 95.9 48.2 144.6
145 33.0 15.9 47.6

Manual Integrations
APPROVED

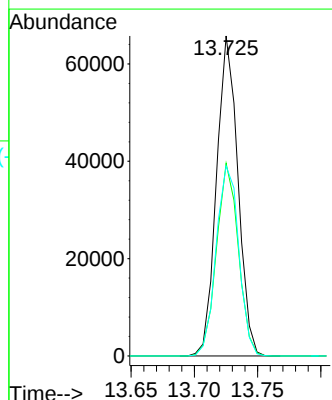
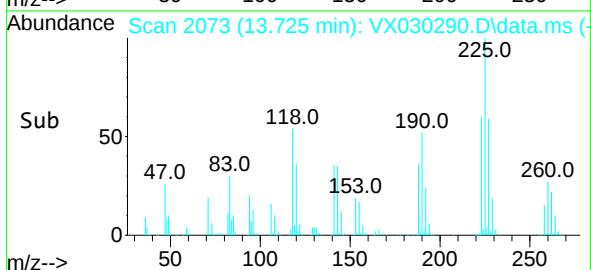
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

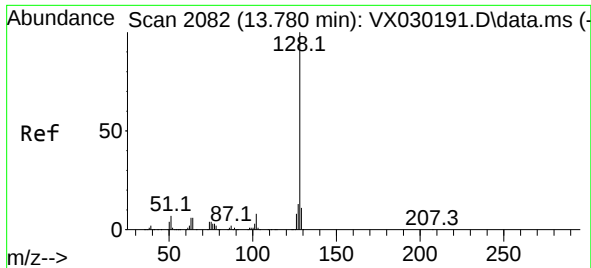


#94
Hexachlorobutadiene
Concen: 56.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59



Tgt Ion:225 Resp: 77105
Ion Ratio Lower Upper
225 100
223 61.5 30.6 91.6
227 63.0 31.9 95.9





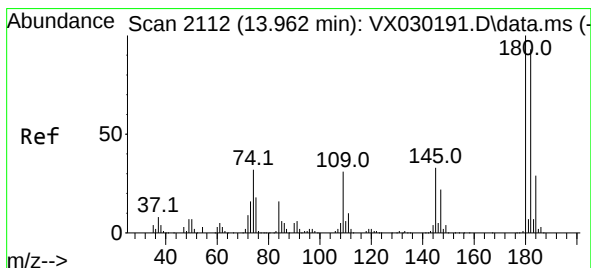
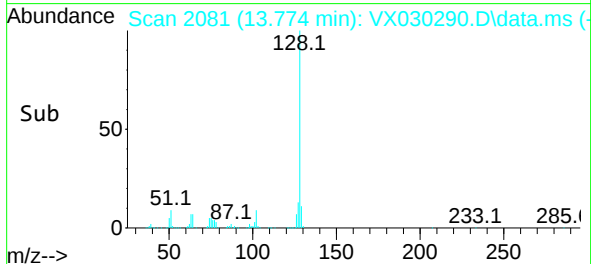
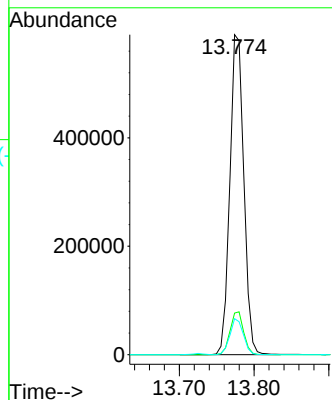
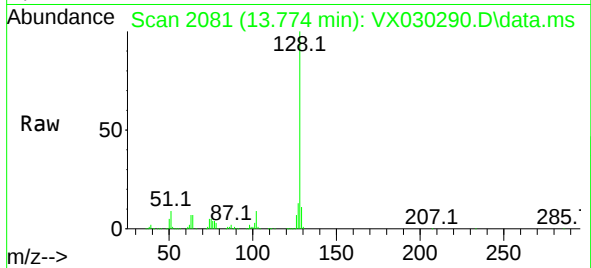
#95
Naphthalene
Concen: 58.317 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 769039
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.970 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030290.D
Acq: 29 Jul 2022 09:59

Tgt Ion:180 Resp: 200714
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.0
145 34.7 17.0 50.9

