

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030190.D
 Acq On : 25 Jul 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 25 16:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61519	20.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.200%#		
35) Dibromofluoromethane	5.391	113	49987	20.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.940%#		
50) Toluene-d8	8.653	98	188475	20.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.160%#		
62) 4-Bromofluorobenzene	11.085	95	68177	19.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53119	21.584	ug/l	98
3) Chloromethane	1.288	50	47007	19.972	ug/l	97
4) Vinyl Chloride	1.374	62	46489	19.570	ug/l	100
5) Bromomethane	1.599	94	28368	25.163	ug/l	98
6) Chloroethane	1.685	64	25784	19.117	ug/l	95
7) Trichlorofluoromethane	1.886	101	62304	20.028	ug/l	97
8) Diethyl Ether	2.136	74	23560	19.353	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	45288	19.653	ug/l	98
10) Methyl Iodide	2.453	142	42375	20.475	ug/l	96
11) Tert butyl alcohol	2.971	59	69715	98.884	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45052	19.977	ug/l	95
13) Acrolein	2.239	56	16597	89.223	ug/l	99
14) Allyl chloride	2.666	41	89609	19.252	ug/l	97
15) Acrylonitrile	3.068	53	176465	100.418	ug/l	98
16) Acetone	2.386	43	148022	99.025	ug/l	95
17) Carbon Disulfide	2.508	76	117638	19.350	ug/l	98
18) Methyl Acetate	2.709	43	84763	19.363	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	154710	19.987	ug/l	99
20) Methylene Chloride	2.788	84	57096	16.566	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48498	19.596	ug/l	92
22) Diisopropyl ether	3.770	45	175165	19.878	ug/l	88
23) Vinyl Acetate	3.727	43	777408	101.408	ug/l	98
24) 1,1-Dichloroethane	3.611	63	93605	20.001	ug/l	98
25) 2-Butanone	4.568	43	251185	100.301	ug/l	95
26) 2,2-Dichloropropane	4.483	77	62912	18.899	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57945	19.786	ug/l	96
28) Bromochloromethane	4.904	49	41627	20.585	ug/l	98
29) Tetrahydrofuran	5.019	42	162465	96.634	ug/l	98
30) Chloroform	5.099	83	90314	19.524	ug/l	98
31) Cyclohexane	5.477	56	85309	20.269	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	74250	19.729	ug/l	98
36) 1,1-Dichloropropene	5.702	75	68698	19.934	ug/l	97
37) Ethyl Acetate	4.721	43	91641	18.914	ug/l	98
38) Carbon Tetrachloride	5.684	117	63089	19.644	ug/l	96
39) Methylcyclohexane	7.385	83	82037	18.785	ug/l	94
40) Benzene	6.044	78	210952	19.581	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50686	19.421	ug/l	96
42) 1,2-Dichloroethane	6.092	62	72829	19.519	ug/l	98
43) Isopropyl Acetate	6.348	43	138570	19.469	ug/l	98
44) Trichloroethene	7.129	130	55712	18.899	ug/l	94
45) 1,2-Dichloropropane	7.434	63	55543	19.296	ug/l	99
46) Dibromomethane	7.586	93	37203	19.057	ug/l	99
47) Bromodichloromethane	7.830	83	68658	19.285	ug/l	95
48) Methyl methacrylate	7.696	41	68397	19.492	ug/l	95
49) 1,4-Dioxane	7.665	88	31407	389.639	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	478021	98.686	ug/l	97
52) Toluene	8.720	92	126922	19.298	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72536	19.019	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	81217	19.468	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53356	19.124	ug/l	96
56) Ethyl methacrylate	9.122	69	86436	19.525	ug/l	94
57) 1,3-Dichloropropane	9.311	76	89540	19.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	235758	104.283	ug/l	98
59) 2-Hexanone	9.433	43	372811	97.976	ug/l	96
60) Dibromochloromethane	9.525	129	49927	19.289	ug/l	97
61) 1,2-Dibromoethane	9.610	107	56063	19.198	ug/l	99
64) Tetrachloroethene	9.275	164	55230	19.607	ug/l	97
65) Chlorobenzene	10.085	112	133463	18.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	47996	19.973	ug/l	99
67) Ethyl Benzene	10.195	91	246742	17.897	ug/l	100
68) m/p-Xylenes	10.305	106	187247	39.410	ug/l	96
69) o-Xylene	10.646	106	91962	19.644	ug/l	96
70) Styrene	10.659	104	154535	20.110	ug/l	97
71) Bromoform	10.805	173	34347	19.500	ug/l #	99
73) Isopropylbenzene	10.963	105	236461	19.664	ug/l	98
74) N-amyl acetate	10.848	43	113167	19.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83484	19.038	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	80355m	18.572	ug/l	
77) Bromobenzene	11.201	156	54633	19.360	ug/l	95
78) n-propylbenzene	11.305	91	277458	19.408	ug/l	100
79) 2-Chlorotoluene	11.366	91	169011	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	198949	19.828	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	25927	19.226	ug/l	94
82) 4-Chlorotoluene	11.457	91	190733	19.353	ug/l	100
83) tert-Butylbenzene	11.719	119	185398	19.902	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	203573	20.259	ug/l	97
85) sec-Butylbenzene	11.896	105	257788	20.162	ug/l	99
86) p-Isopropyltoluene	12.012	119	209292	20.482	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	104859	19.167	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105074	19.107	ug/l	97
89) n-Butylbenzene	12.335	91	193416	20.379	ug/l	99
90) Hexachloroethane	12.542	117	33465	19.018	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106564	19.816	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21968	20.471	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61966	19.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	23577	19.032	ug/l	98
95) Naphthalene	13.780	128	252216	20.551	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64374	19.997	ug/l	99

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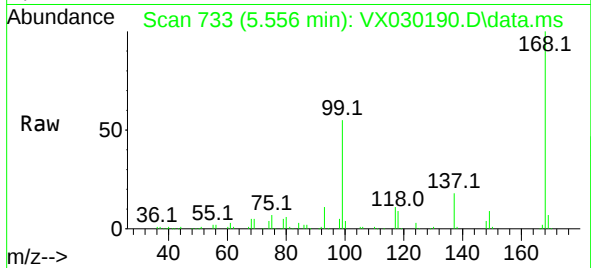
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

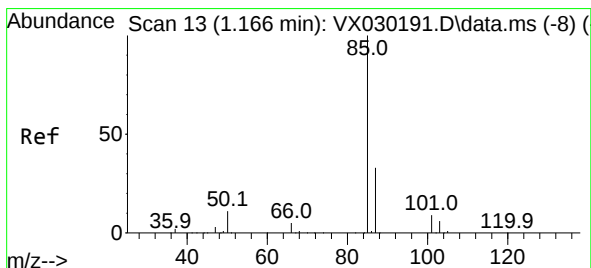
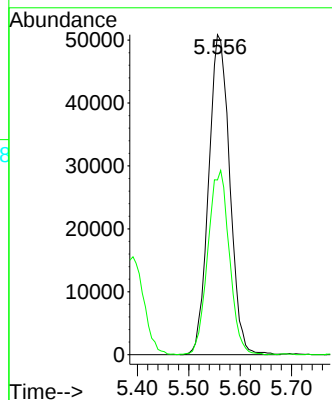
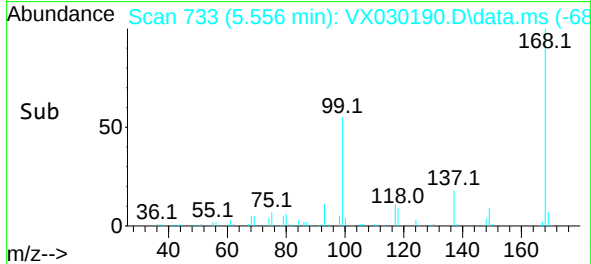
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 145018
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0

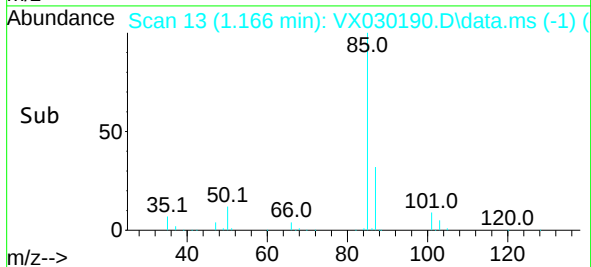
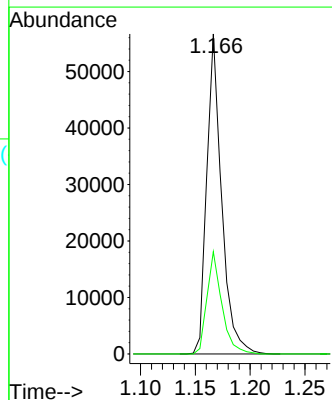
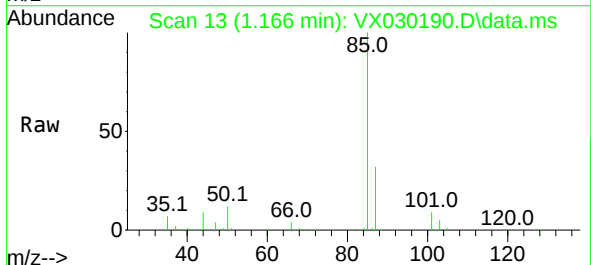
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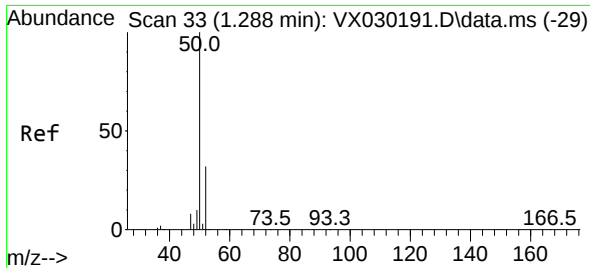
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#2
Dichlorodifluoromethane
Concen: 21.584 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

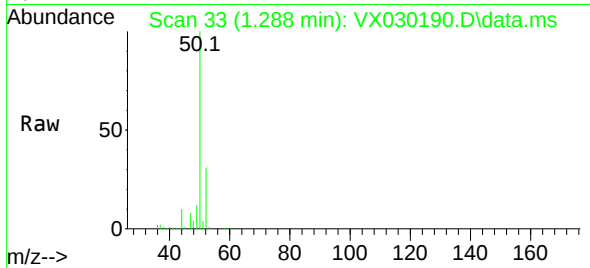
Tgt Ion: 85 Resp: 53119
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





#3
Chloromethane
Concen: 19.972 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

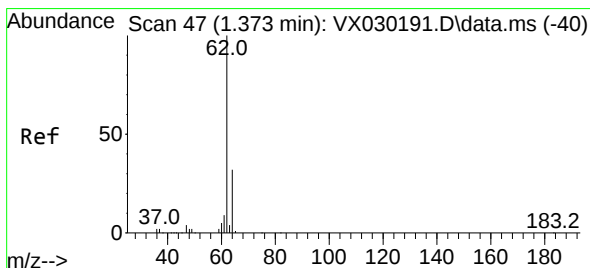
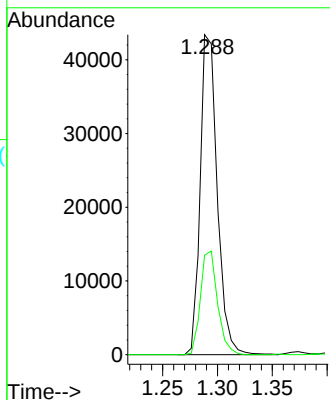
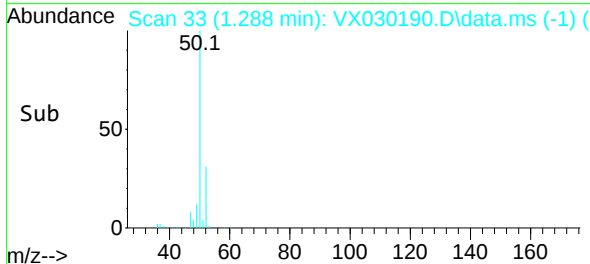
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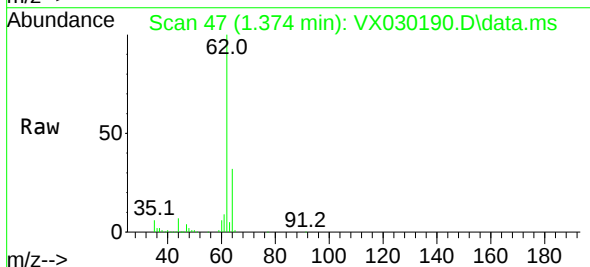
Tgt Ion: 50 Resp: 4700
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5

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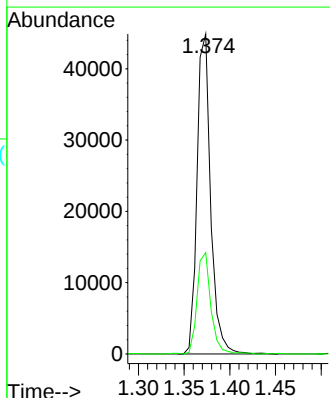
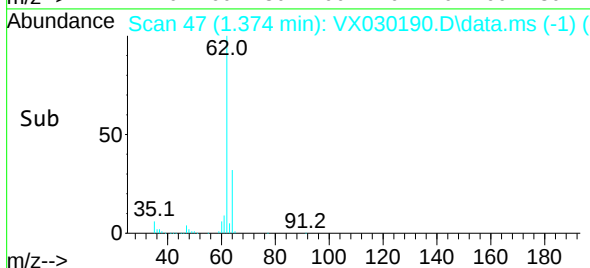
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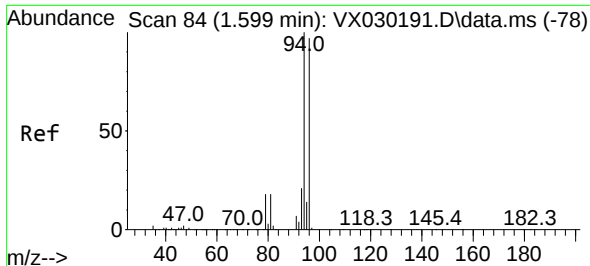


#4
Vinyl Chloride
Concen: 19.570 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030190.D
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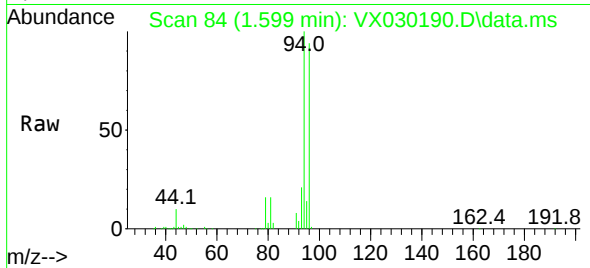
Tgt Ion: 62 Resp: 46489
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 25.163 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

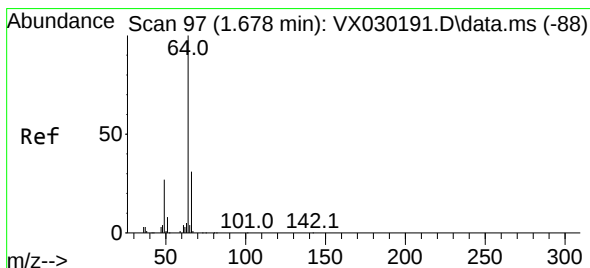
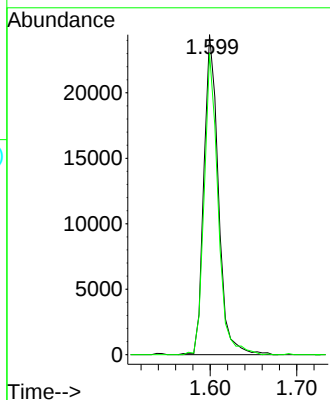
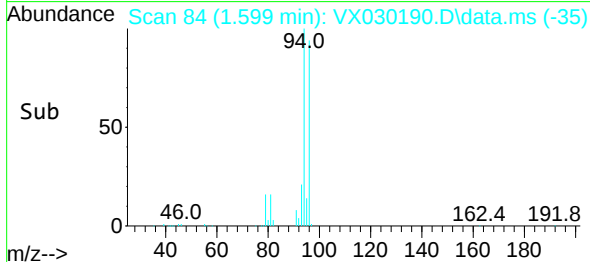
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 2836
Ion Ratio Lower Upper
94 100
96 94.2 76.9 115.3

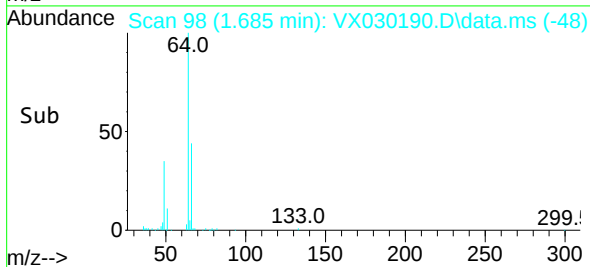
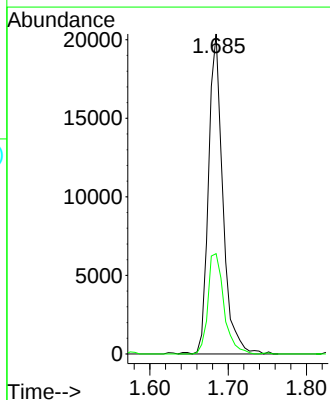
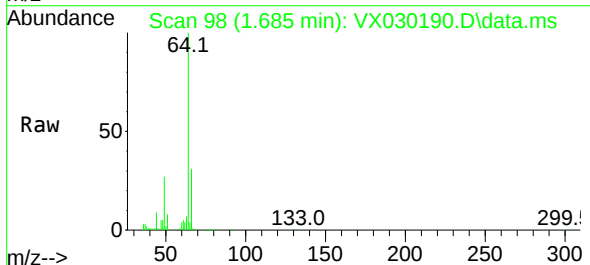
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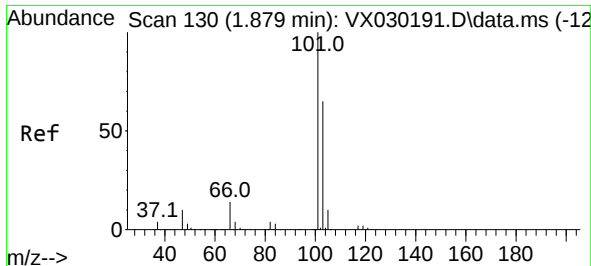
Reviewed By :John Carlone 07/26/2022
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#6
Chloroethane
Concen: 19.117 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 64 Resp: 25784
Ion Ratio Lower Upper
64 100
66 31.4 27.2 40.8





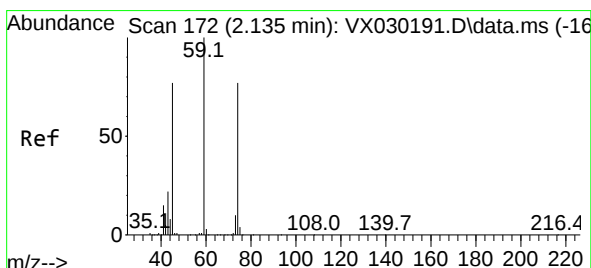
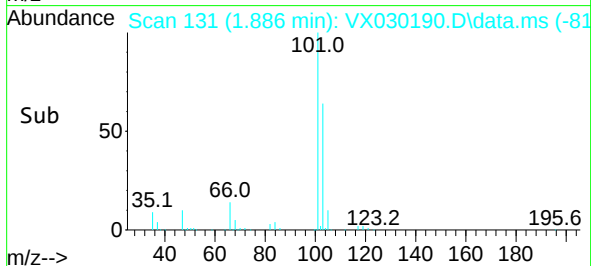
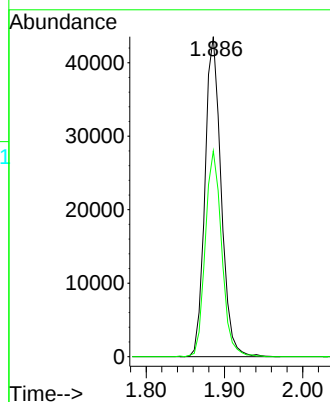
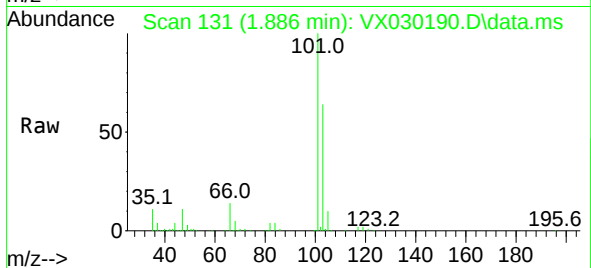
#7
Trichlorofluoromethane
Concen: 20.028 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 62304
Ion Ratio Lower Upper
101 100
103 64.3 49.7 74.5

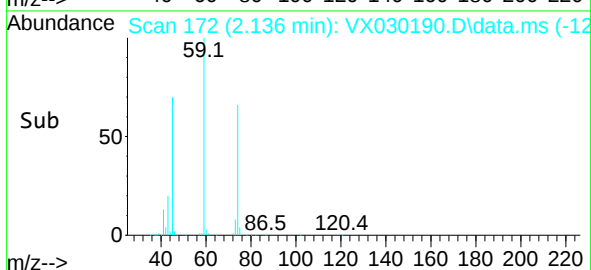
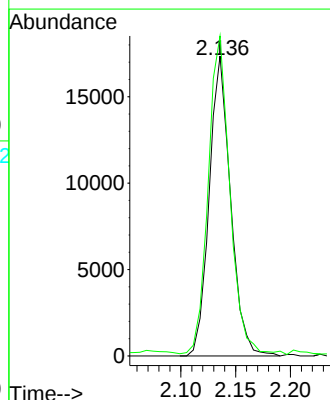
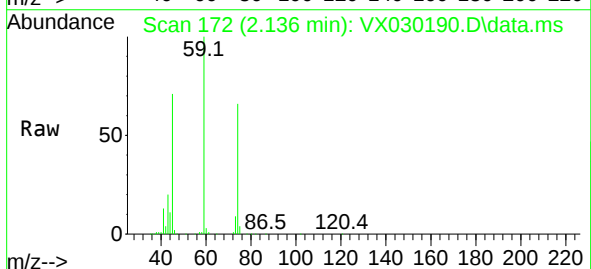
Manual Integrations
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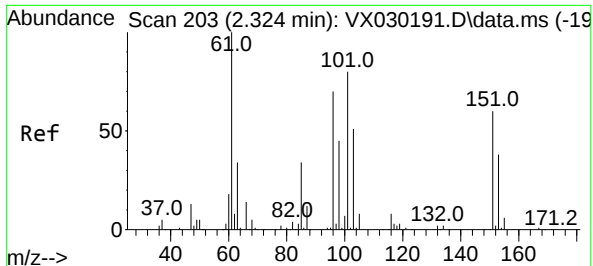
Reviewed By :John Carlone 07/26/2022
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#8
Diethyl Ether
Concen: 19.353 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX030190.D
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Tgt Ion: 74 Resp: 23560
Ion Ratio Lower Upper
74 100
45 107.8 51.5 154.7





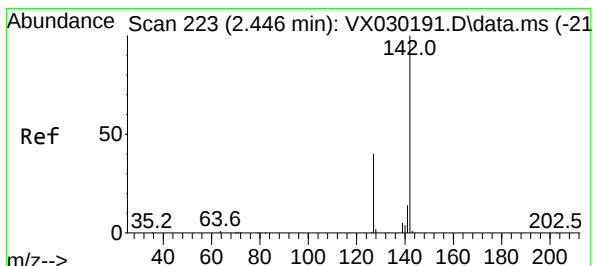
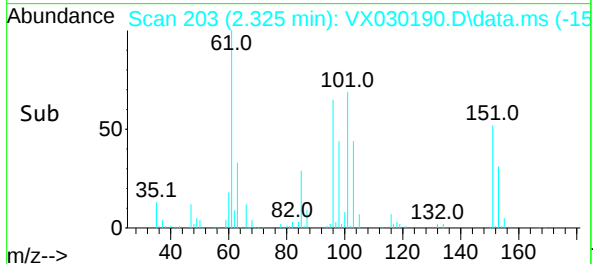
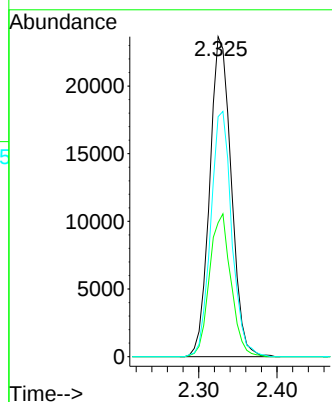
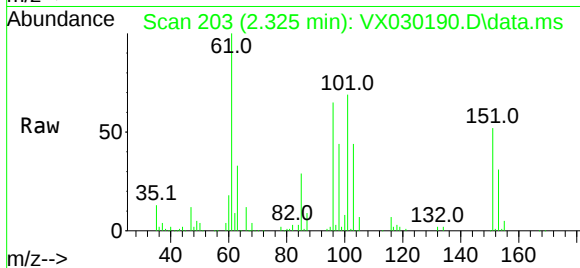
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1,1,2-Trichlorotrifluoroethane
Concen: 19.653 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX030190.D
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Instrument :
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Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 45288
Ion Ratio Lower Upper
101 100
85 44.4 34.0 51.0
151 74.9 59.4 89.0

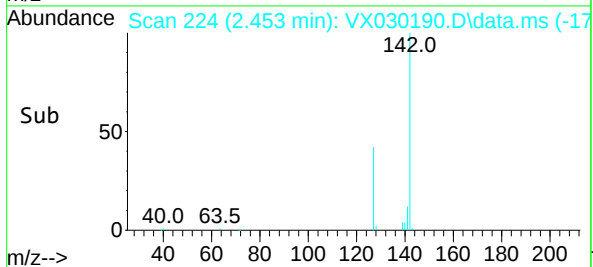
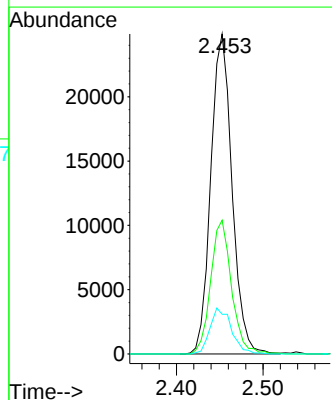
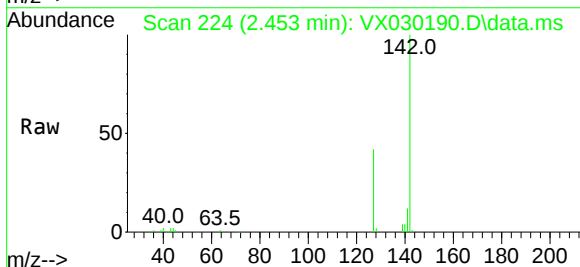
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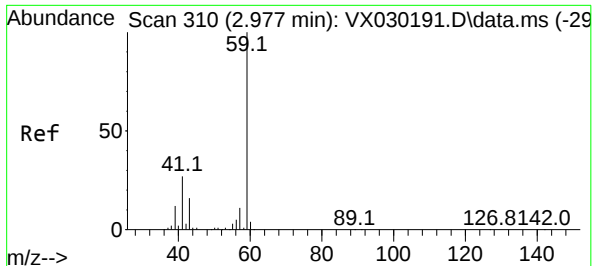
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#10
Methyl Iodide
Concen: 20.475 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion:142 Resp: 42375
Ion Ratio Lower Upper
142 100
127 41.0 30.2 45.2
141 14.6 11.3 16.9





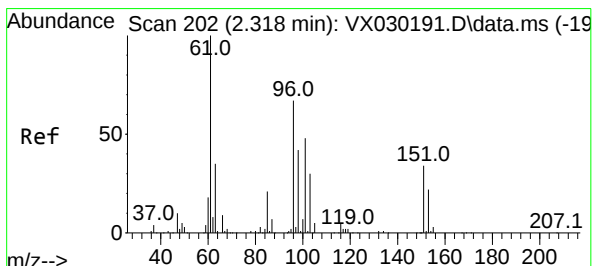
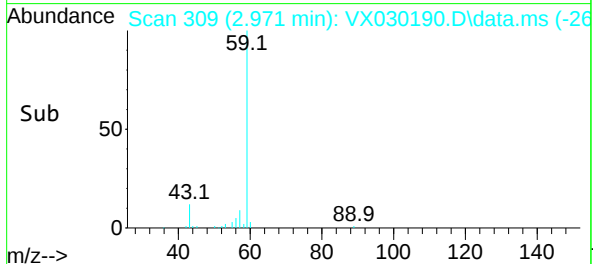
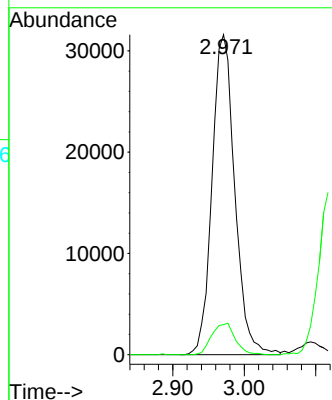
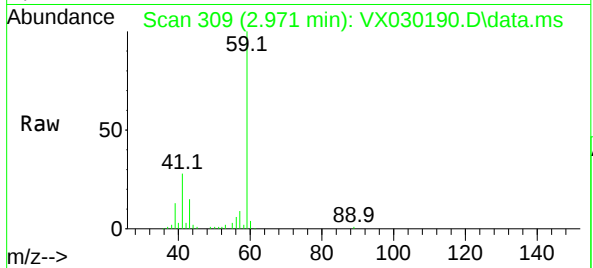
#11
Tert butyl alcohol
Concen: 98.884 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 69715
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.2

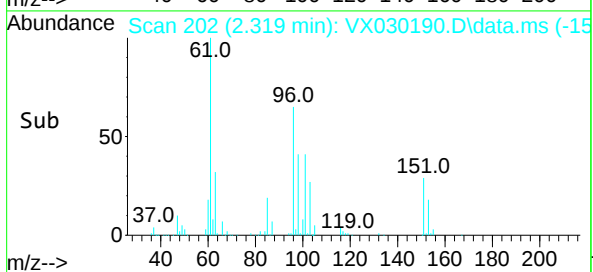
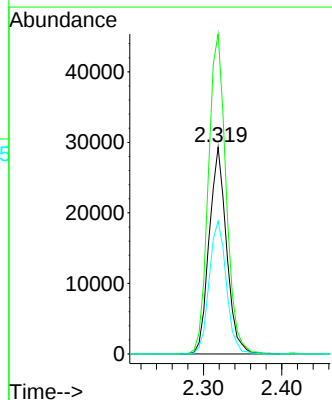
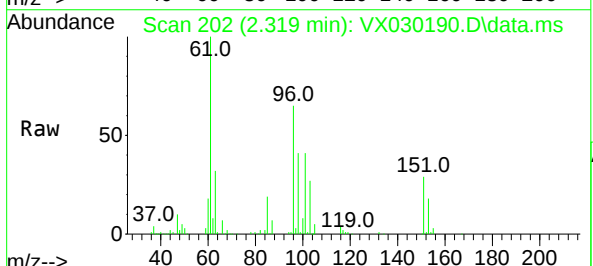
Manual Integrations
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Supervised By :Mahesh Dadoda 07/26/2022



#12
1,1-Dichloroethene
Concen: 19.977 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

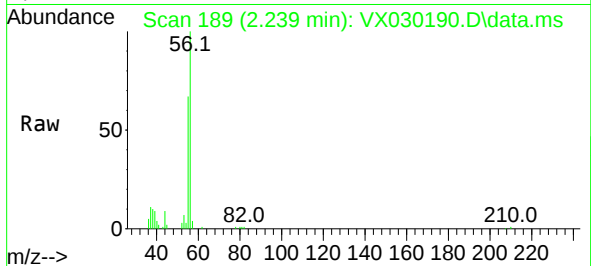
Tgt Ion: 96 Resp: 45052
Ion Ratio Lower Upper
96 100
61 154.7 117.4 176.0
98 64.2 52.2 78.4





#13
Acrolein
Concen: 89.223 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

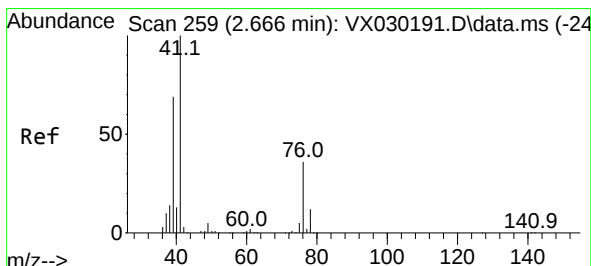
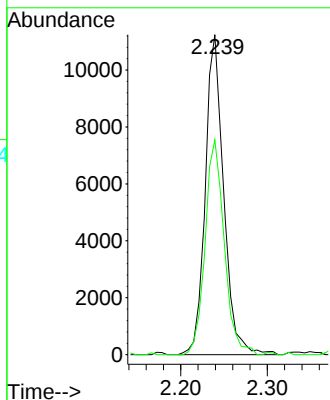
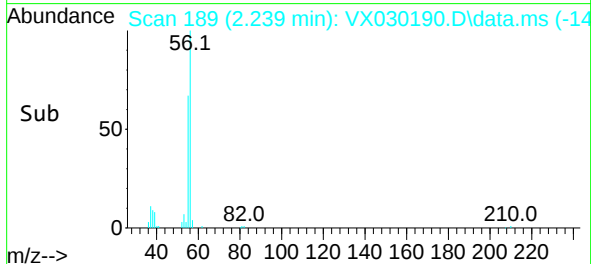
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 16597
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8

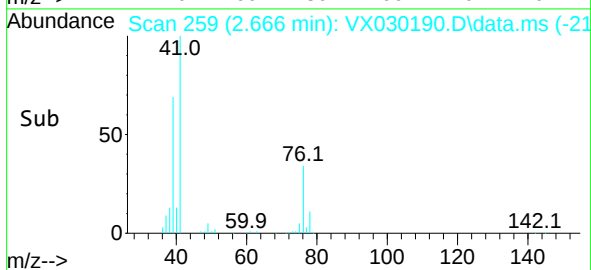
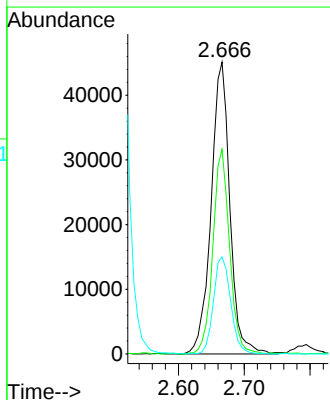
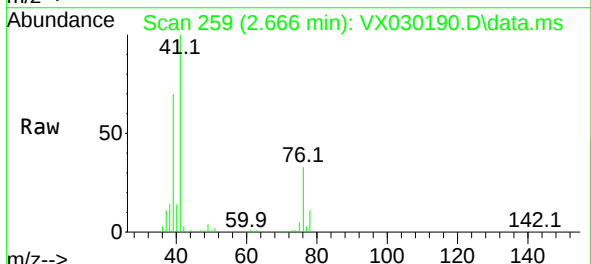
Manual Integrations
APPROVED

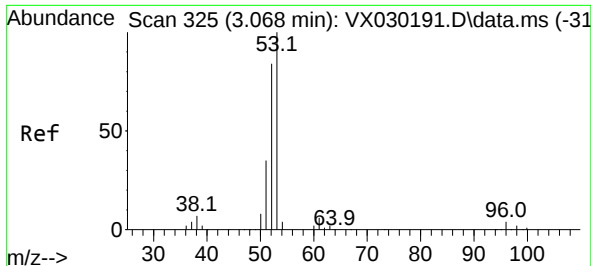
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#14
Allyl chloride
Concen: 19.252 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

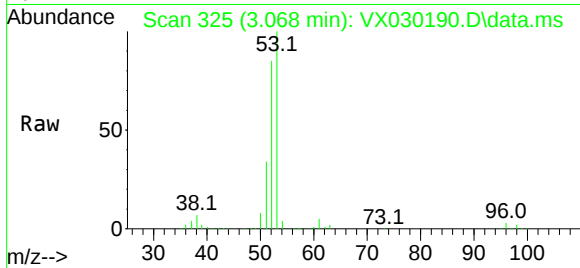
Tgt Ion: 41 Resp: 89609
Ion Ratio Lower Upper
41 100
39 62.4 48.9 73.3
76 30.5 26.9 40.3





#15
Acrylonitrile
Concen: 100.418 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

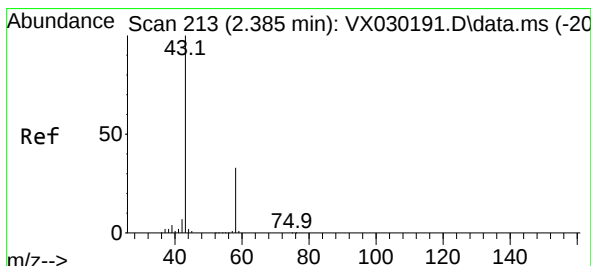
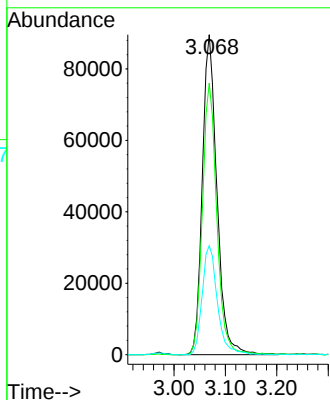
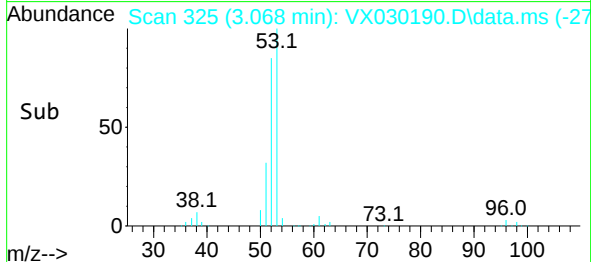
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 17646
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 35.4 27.7 41.5

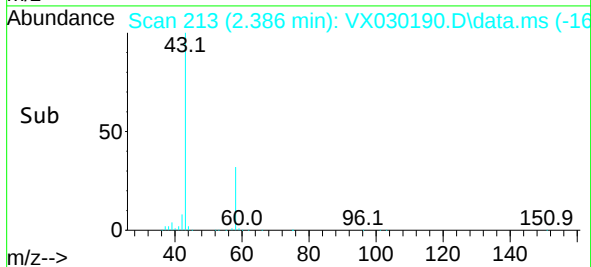
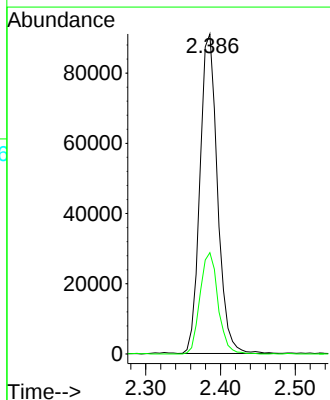
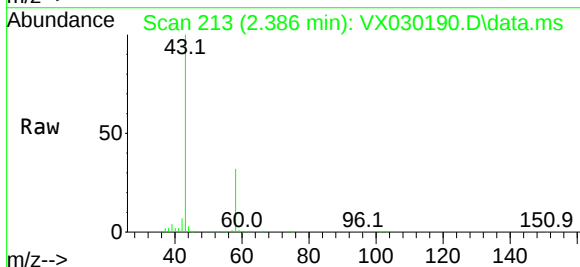
Manual Integrations
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Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#16
Acetone
Concen: 99.025 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

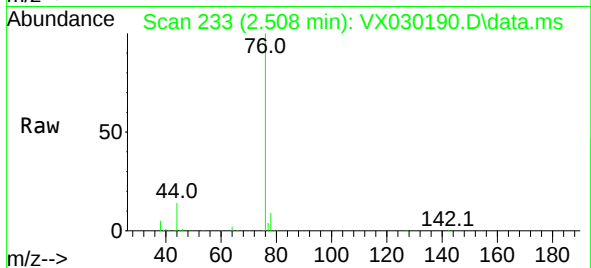
Tgt Ion: 43 Resp: 148022
Ion Ratio Lower Upper
43 100
58 31.7 27.7 41.5





#17
Carbon Disulfide
Concen: 19.350 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

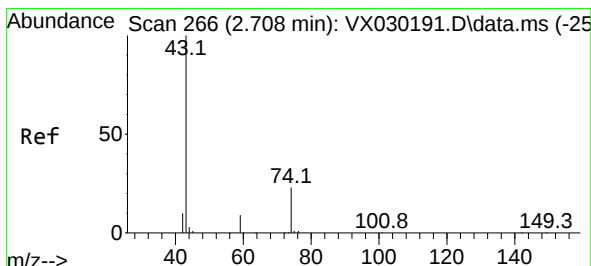
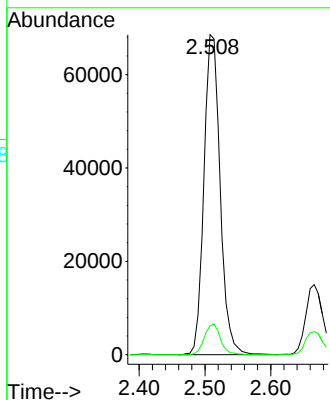
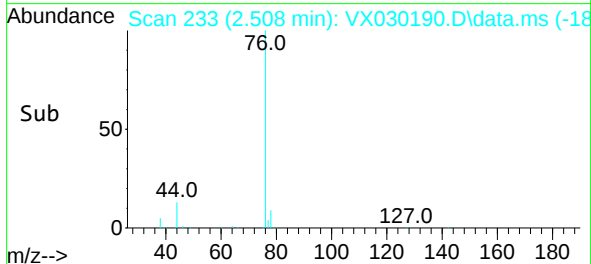
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 117638
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

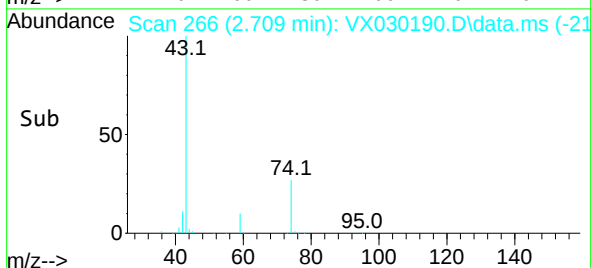
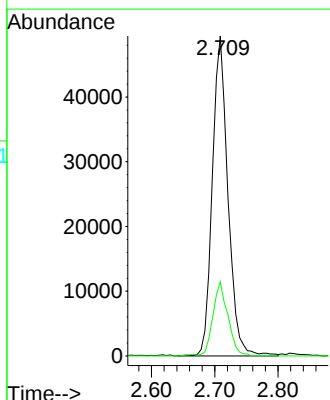
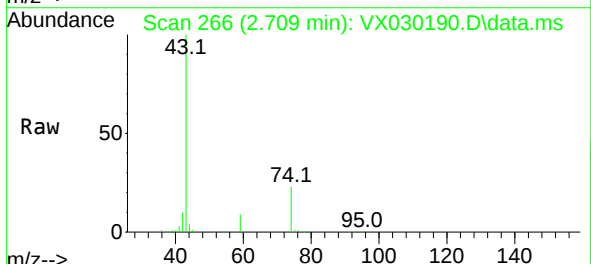
Manual Integrations
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Supervised By :Mahesh Dadoda 07/26/2022



#18
Methyl Acetate
Concen: 19.363 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 43 Resp: 84763
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





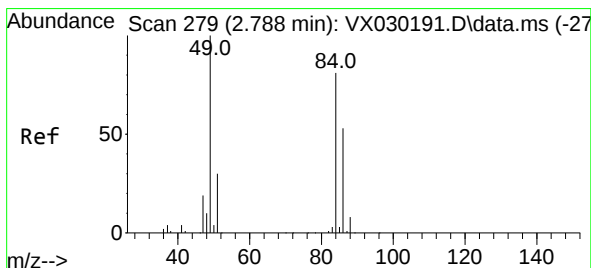
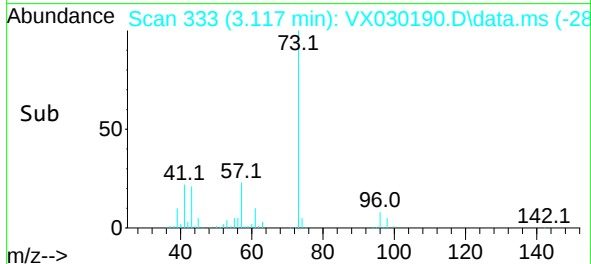
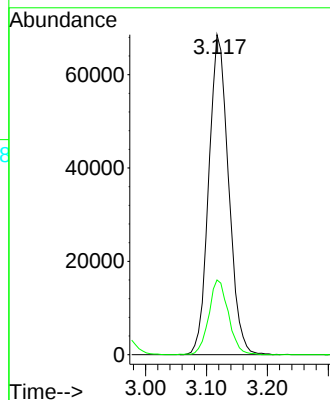
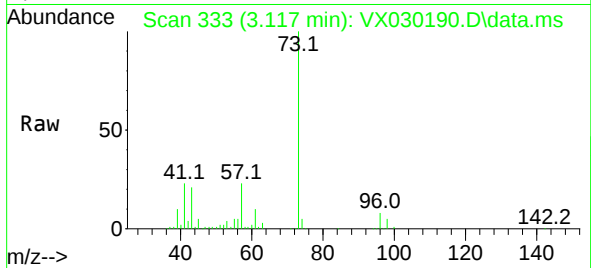
#19
Methyl tert-butyl Ether
Concen: 19.987 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 154710
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6

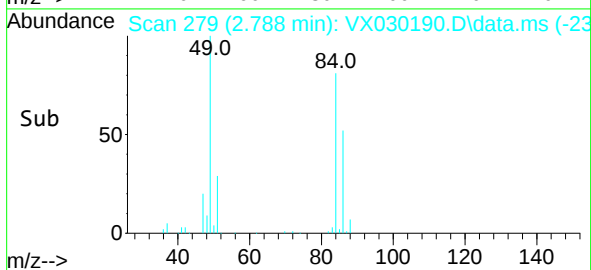
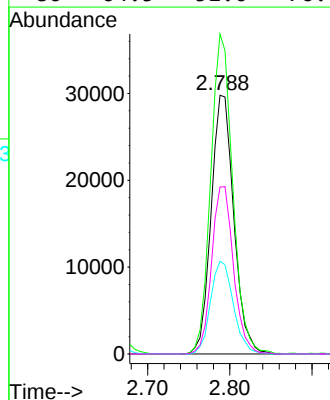
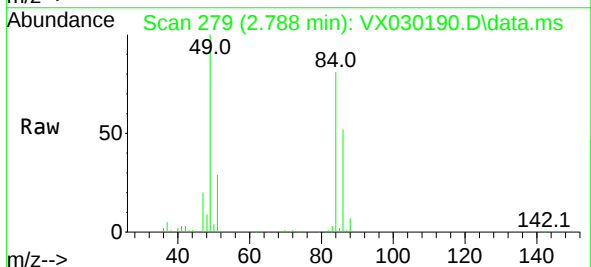
Manual Integrations
APPROVED

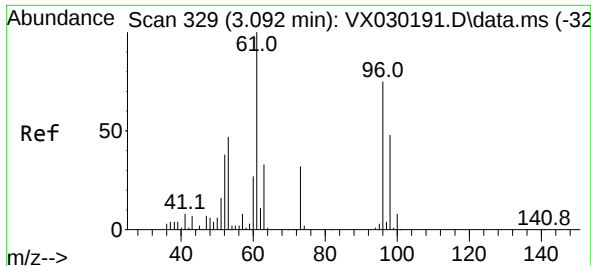
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#20
Methylene Chloride
Concen: 16.566 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

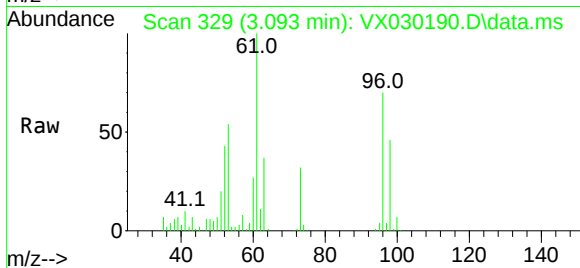
Tgt Ion: 84 Resp: 57096
Ion Ratio Lower Upper
84 100
49 123.7 93.8 140.6
51 35.8 29.4 44.0
86 64.5 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 19.596 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

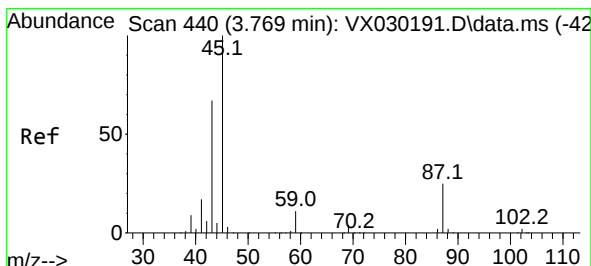
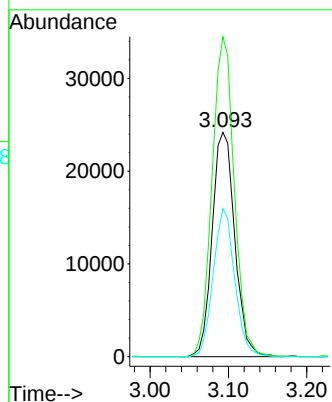
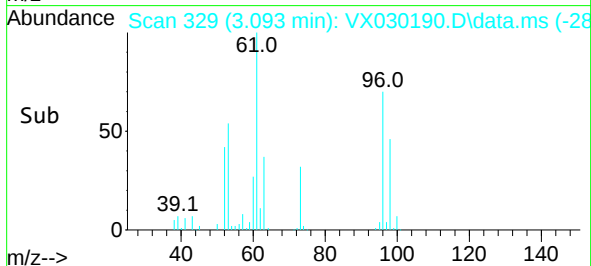
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 48498
Ion Ratio Lower Upper
96 100
61 142.6 105.6 158.4
98 66.0 50.1 75.1

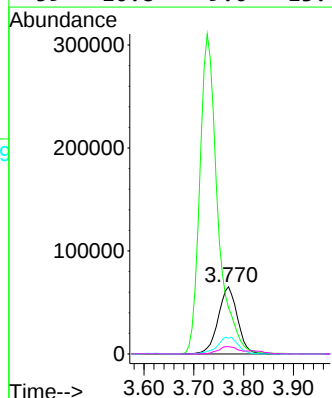
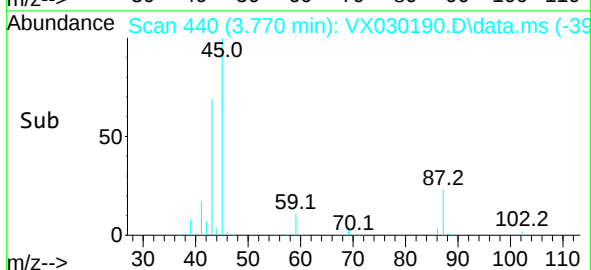
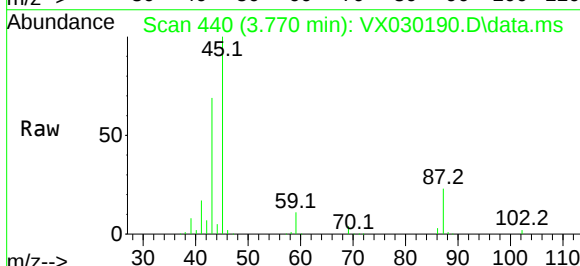
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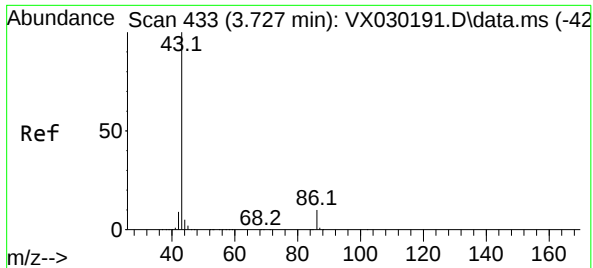
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#22
Diisopropyl ether
Concen: 19.878 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

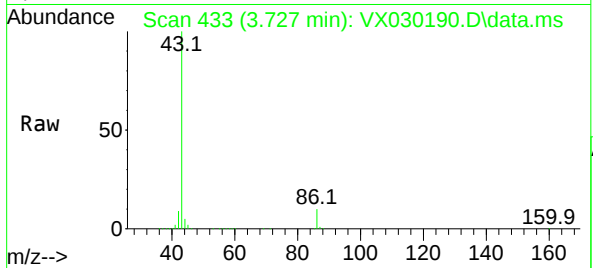
Tgt Ion: 45 Resp: 175165
Ion Ratio Lower Upper
45 100
43 68.9 65.4 98.0
87 23.4 22.3 33.5
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 101.408 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21

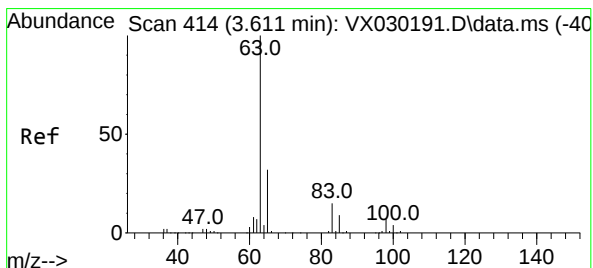
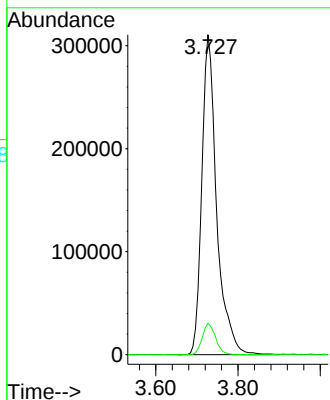
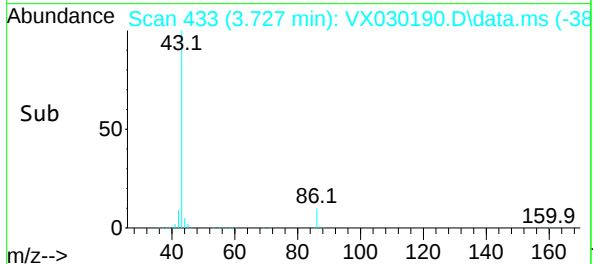
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



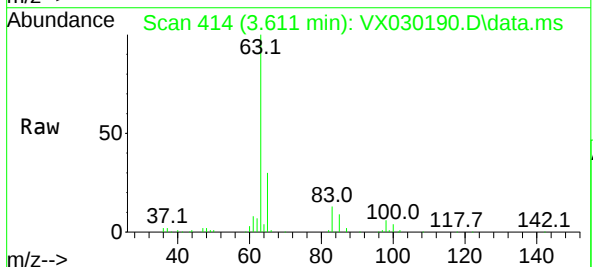
Tgt Ion: 43 Resp: 777408
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
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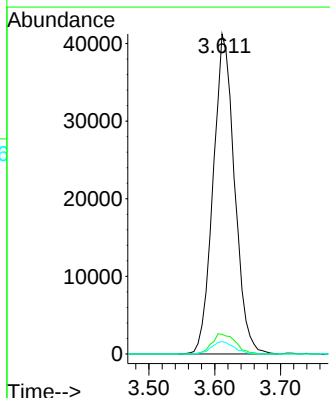
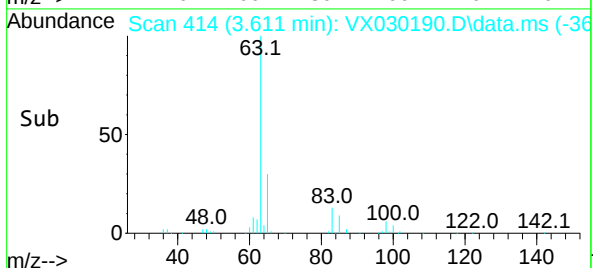
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

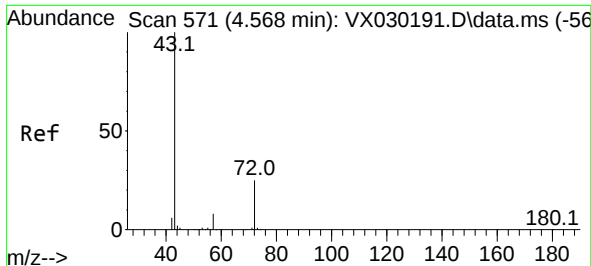


#24
 1,1-Dichloroethane
 Concen: 20.001 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21



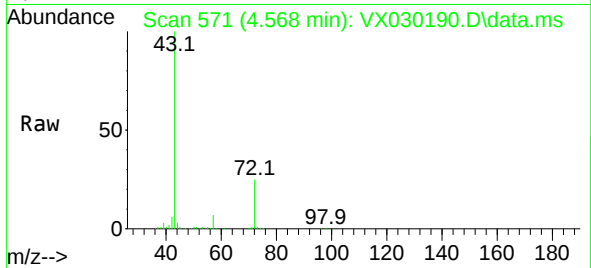
Tgt Ion: 63 Resp: 93605
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 3.9 2.3 6.9





#25
2-Butanone
Concen: 100.301 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

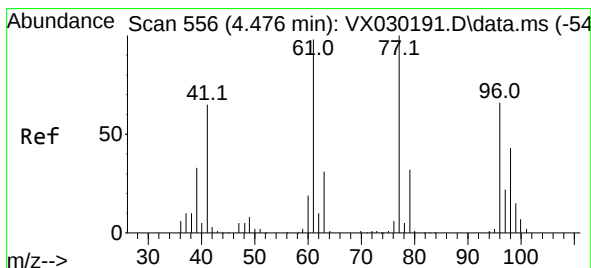
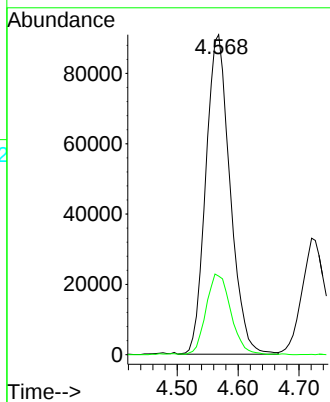
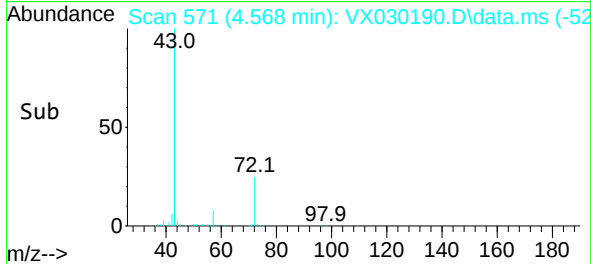
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 25118
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5

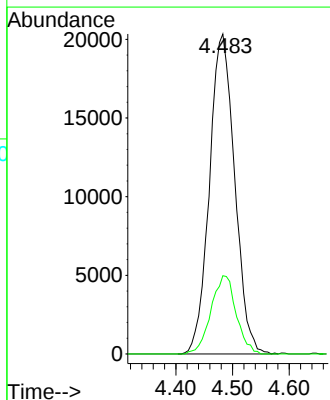
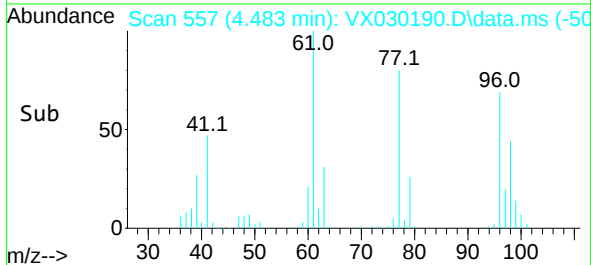
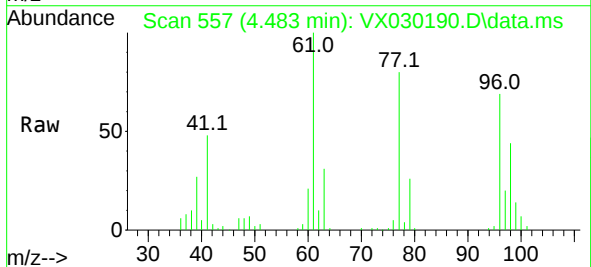
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
2,2-Dichloropropane
Concen: 18.899 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 77 Resp: 62912
Ion Ratio Lower Upper
77 100
97 24.4 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 19.786 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 5794

Ion Ratio Lower Upper

96 100

61 142.4 0.0 270.0

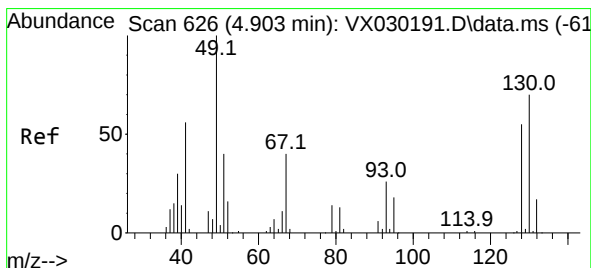
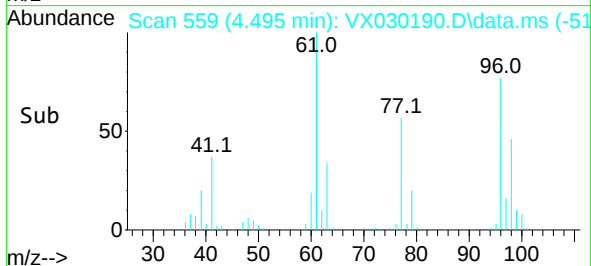
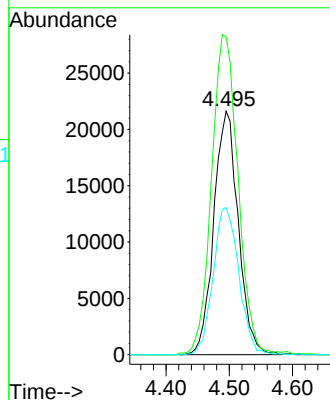
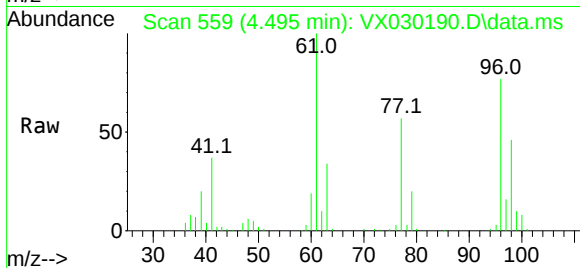
98 63.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#28

Bromochloromethane

Concen: 20.585 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

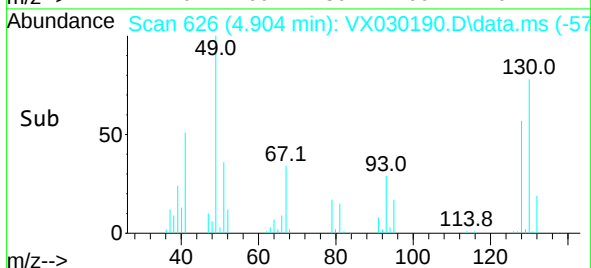
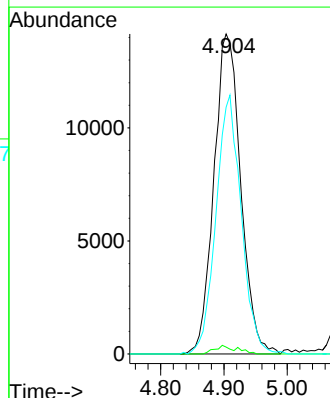
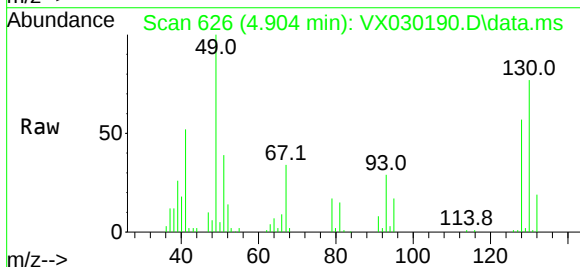
Tgt Ion: 49 Resp: 41627

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.4

130 76.4 62.8 94.2





#29

Tetrahydrofuran

Concen: 96.634 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 16246

Ion Ratio Lower Upper

42 100

72 44.2 36.5 54.7

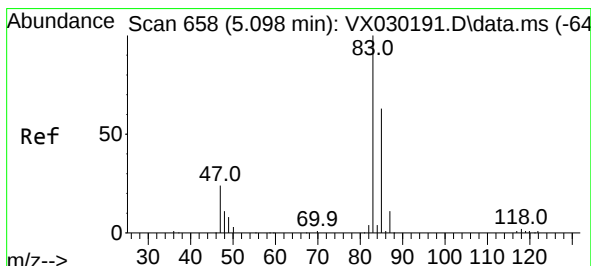
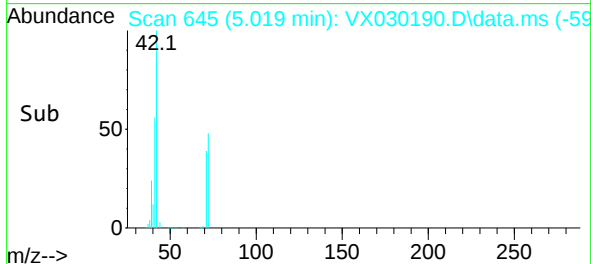
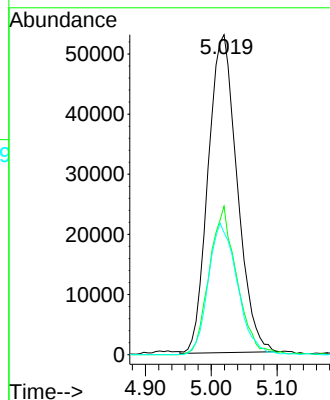
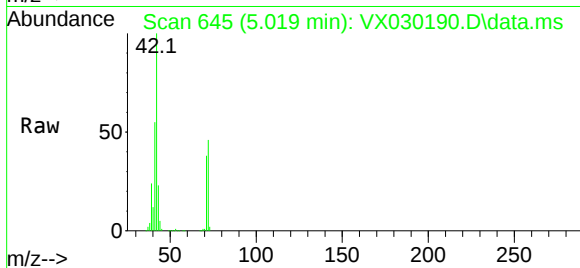
71 41.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#30

Chloroform

Concen: 19.524 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX030190.D

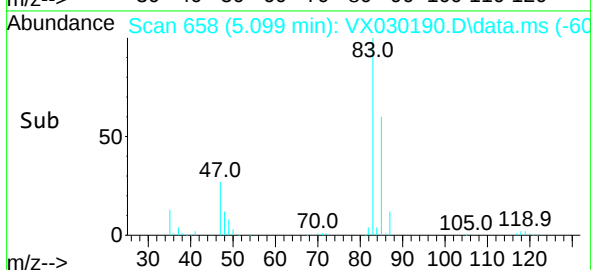
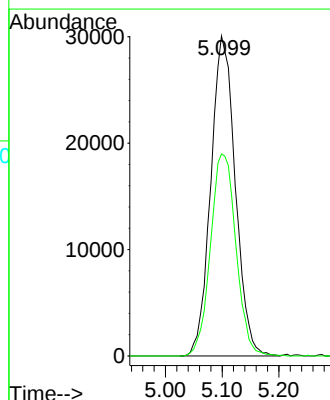
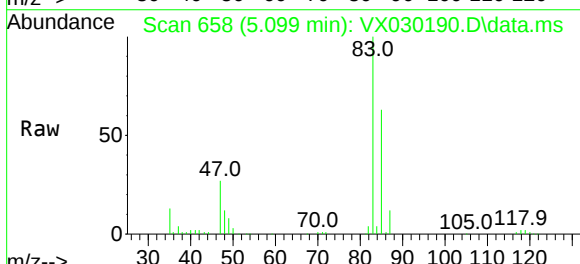
Acq: 25 Jul 2022 13:21

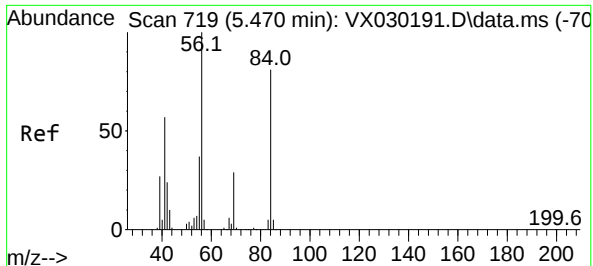
Tgt Ion: 83 Resp: 90314

Ion Ratio Lower Upper

83 100

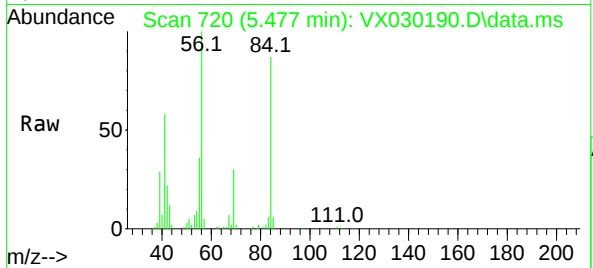
85 63.1 51.5 77.3





#31
Cyclohexane
Concen: 20.269 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

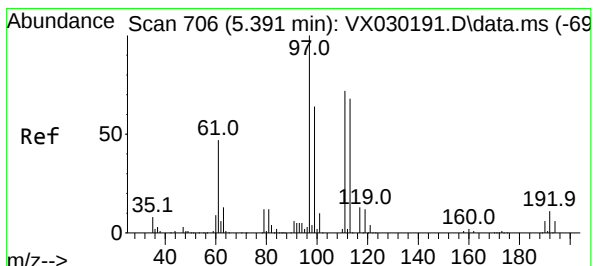
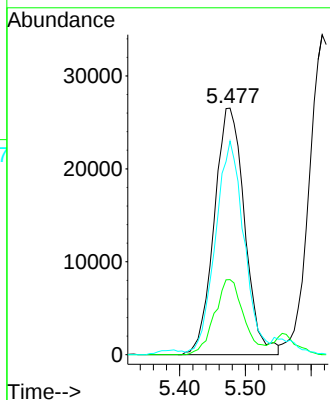
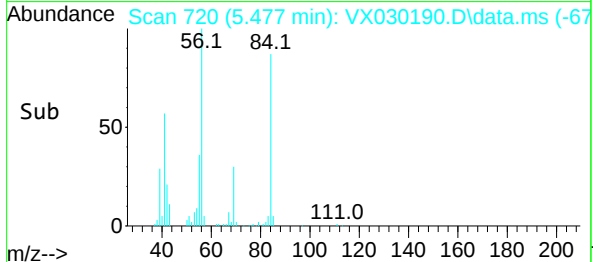
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 85309
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 85.2 68.9 103.3

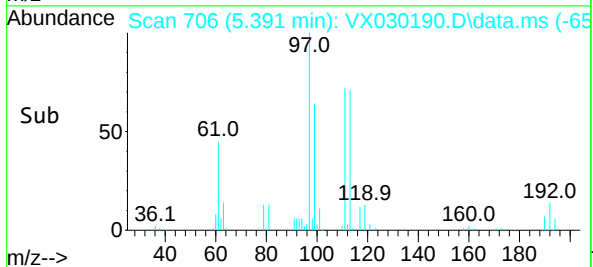
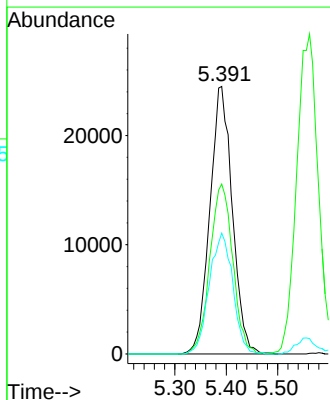
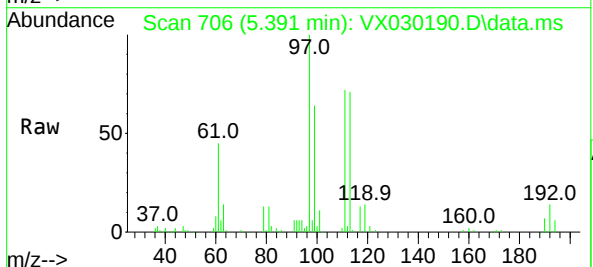
Manual Integrations
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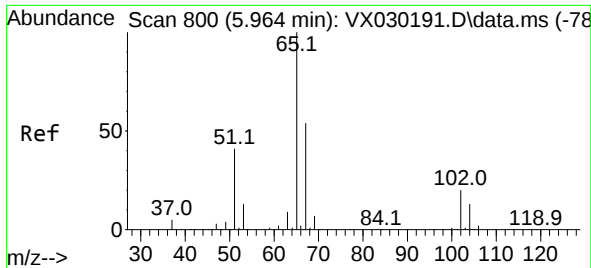
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#32
1,1,1-Trichloroethane
Concen: 19.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 97 Resp: 74250
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 47.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 20.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 61519

Ion Ratio Lower Upper

65 100

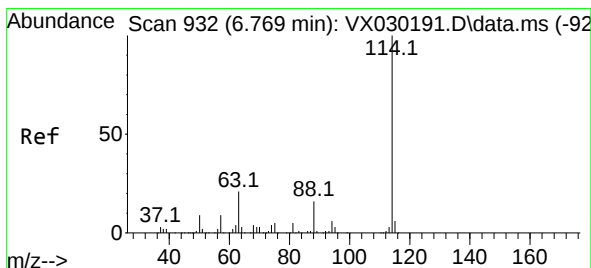
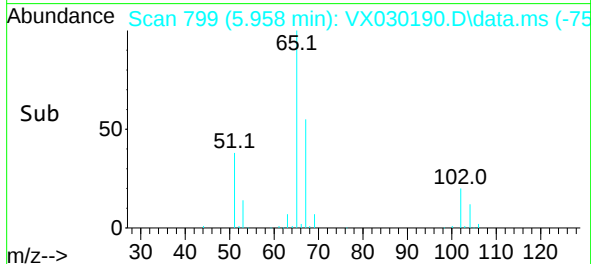
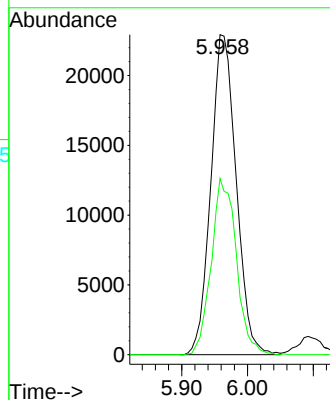
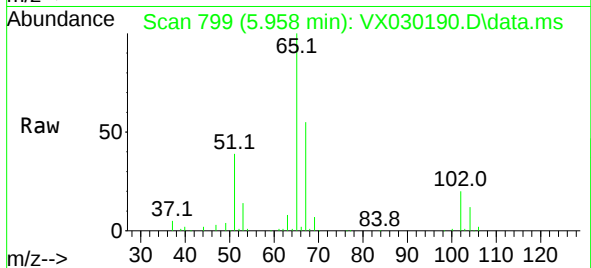
67 54.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

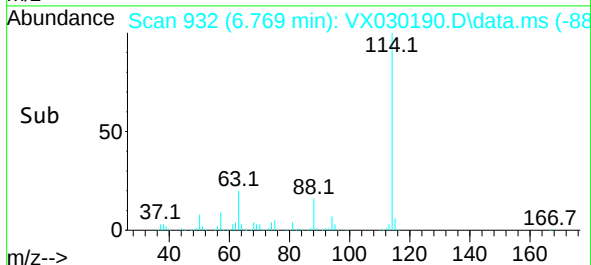
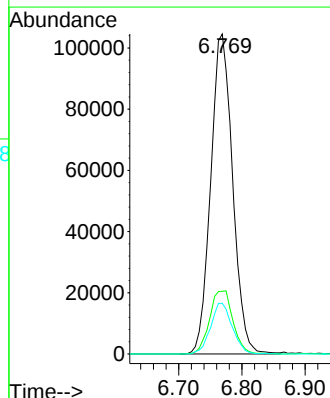
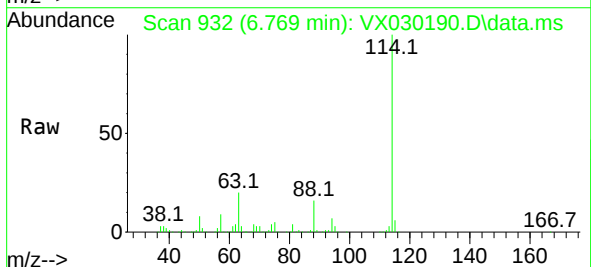
Tgt Ion:114 Resp: 251961

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 20.466 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

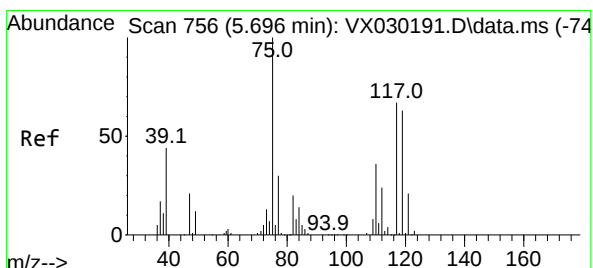
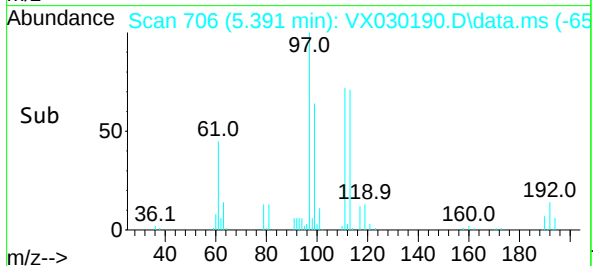
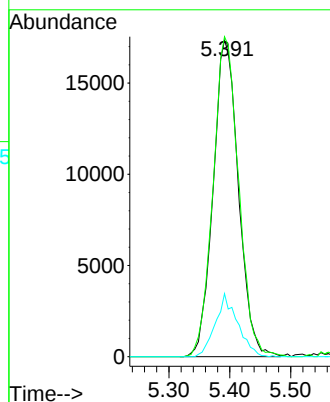
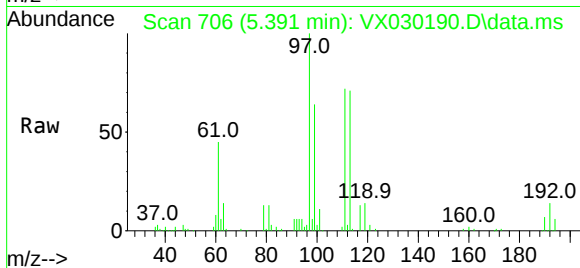
Tgt Ion:	113	Resp:	4998
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.2	124.8
192	17.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#36

1,1-Dichloropropene

Concen: 19.934 ug/l

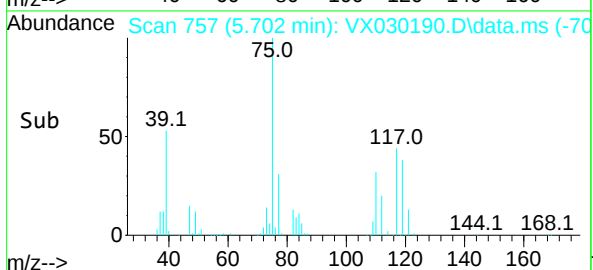
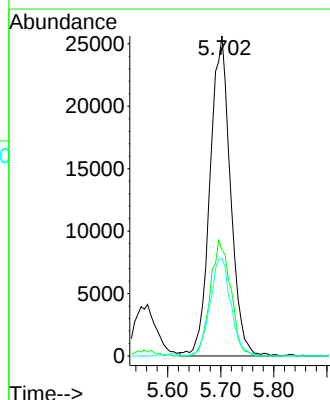
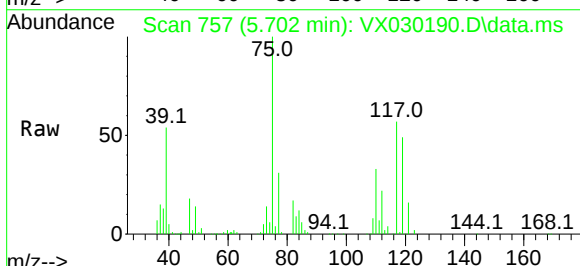
RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Tgt Ion:	75	Resp:	68698
Ion Ratio	Lower	Upper	
75	100		
110	36.1	19.3	57.9
77	31.0	24.4	36.6





#37

Ethyl Acetate

Concen: 18.914 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 9164

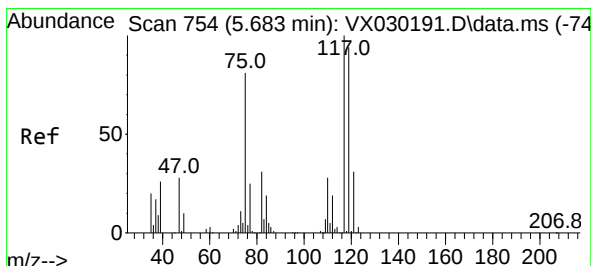
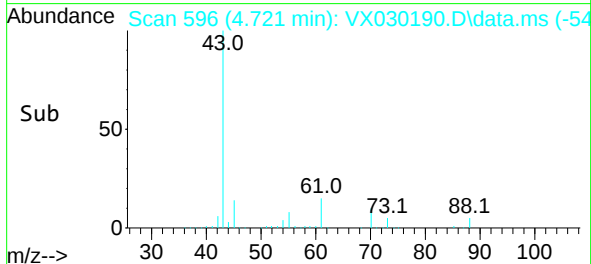
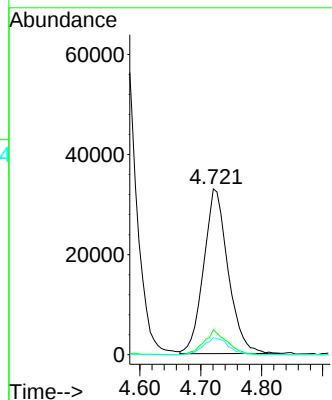
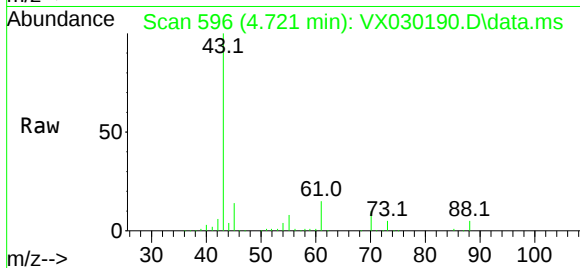
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	10.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#38

Carbon Tetrachloride

Concen: 19.644 ug/l

RT: 5.684 min Scan# 754

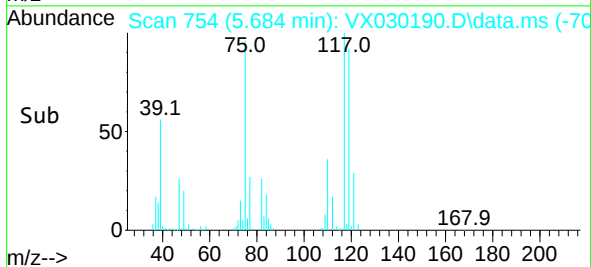
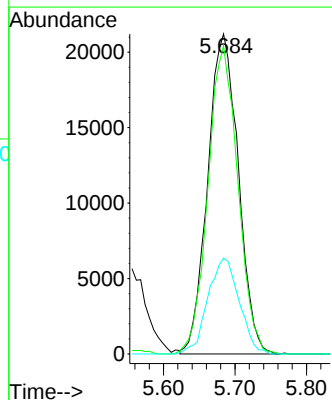
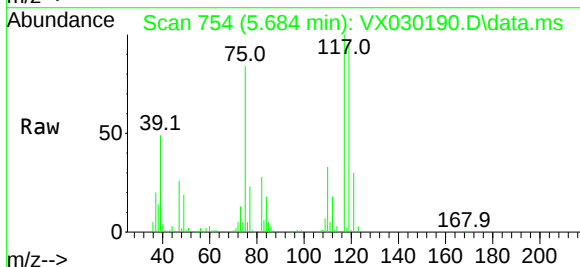
Delta R.T. 0.000 min

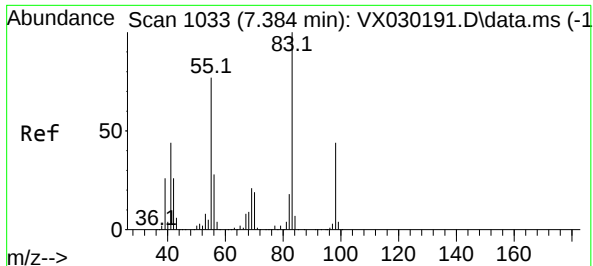
Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Tgt Ion: 117 Resp: 63089

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.1	111.1
121	30.0	25.8	38.8





#39

Methylcyclohexane

Concen: 18.785 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

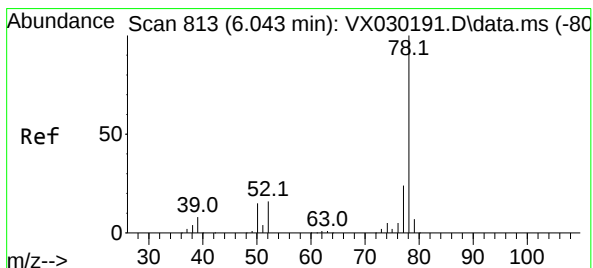
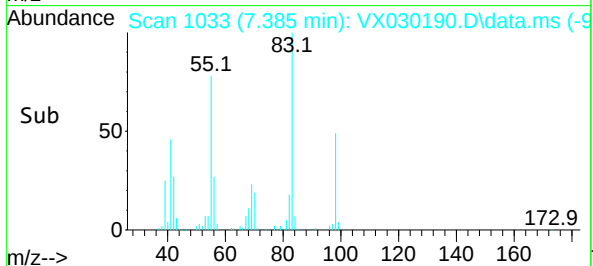
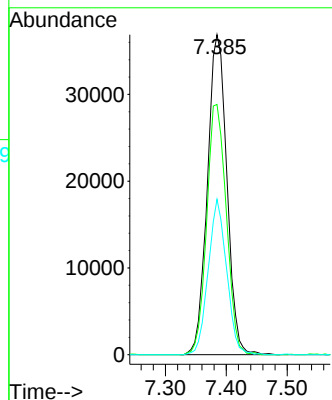
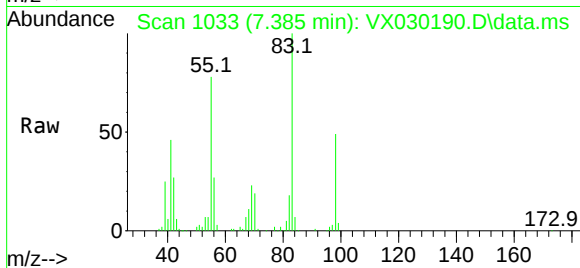
Tgt Ion:	83	Resp:	8203
Ion Ratio	Lower	Upper	
83	100		
55	78.2	57.7	86.5
98	48.5	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#40

Benzene

Concen: 19.581 ug/l

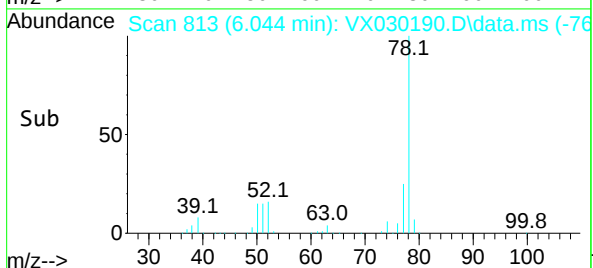
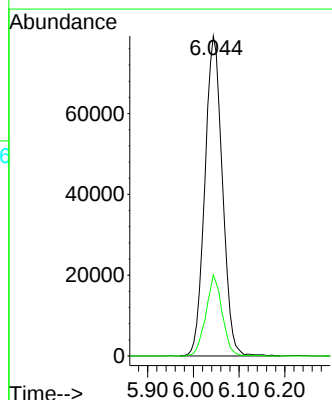
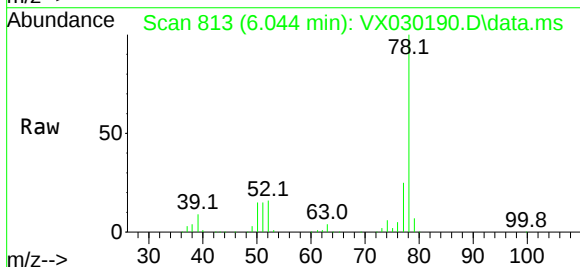
RT: 6.044 min Scan# 813

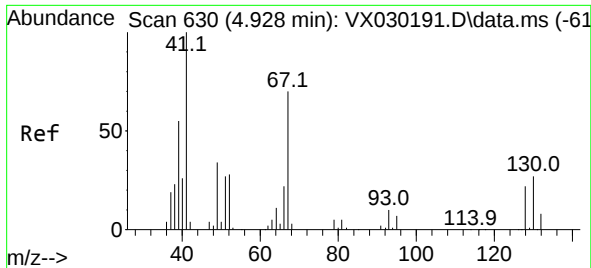
Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Tgt Ion:	78	Resp:	210952
Ion Ratio	Lower	Upper	
78	100		
77	25.3	18.0	27.0





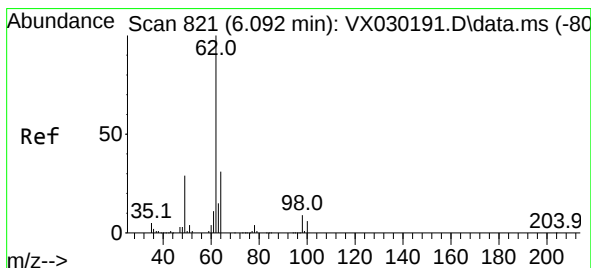
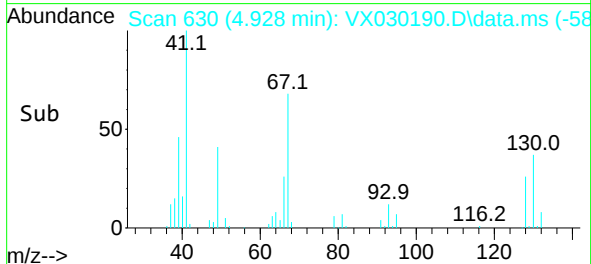
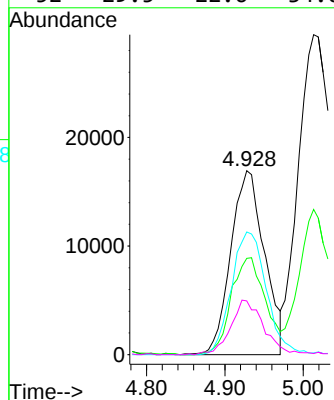
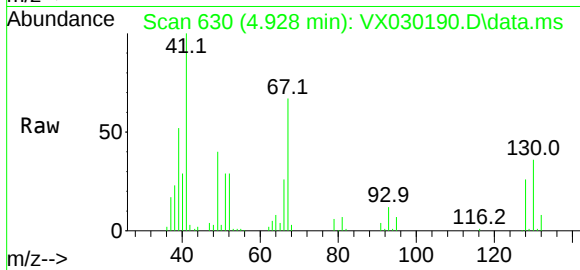
#41
Methacrylonitrile
Concen: 19.421 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 50680
Ion Ratio Lower Upper
41 100
39 53.5 42.9 64.3
67 69.0 60.1 90.1
52 29.5 22.6 34.0

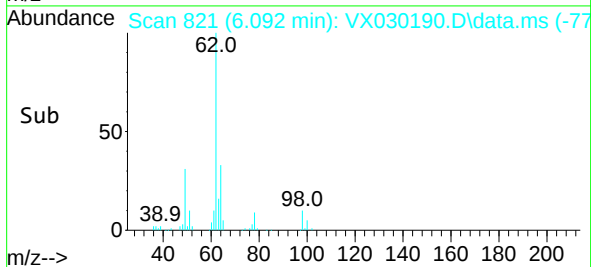
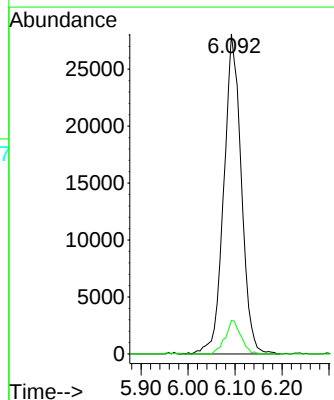
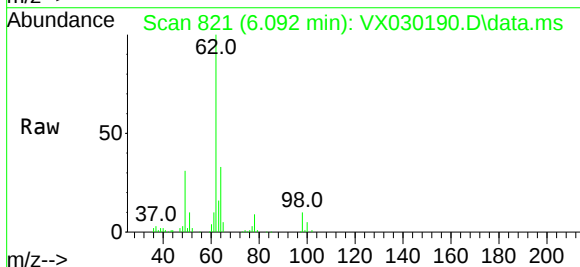
Manual Integrations
APPROVED

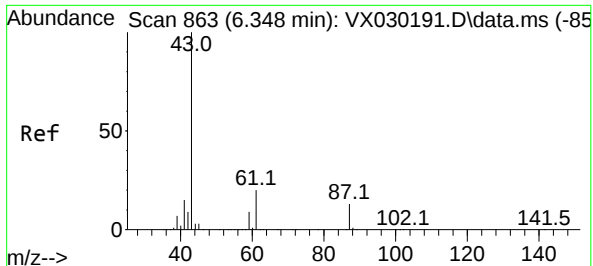
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#42
1,2-Dichloroethane
Concen: 19.519 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

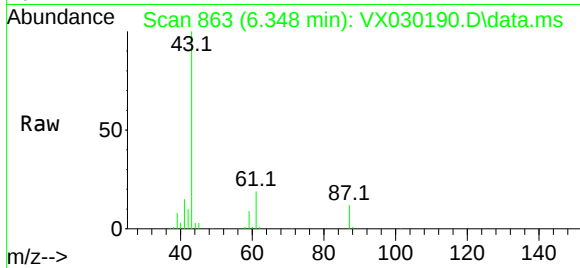
Tgt Ion: 62 Resp: 72829
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.469 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

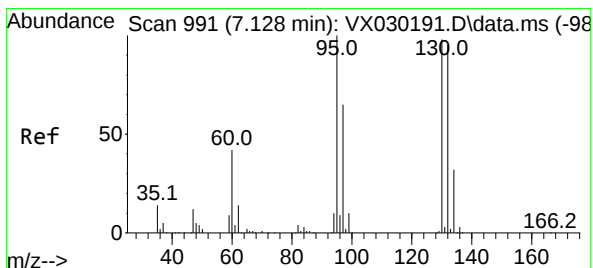
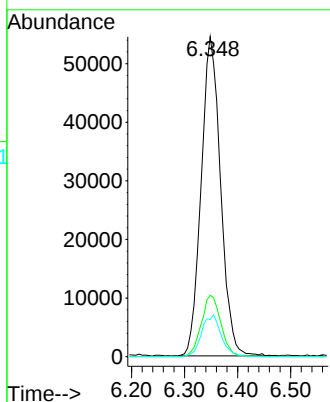
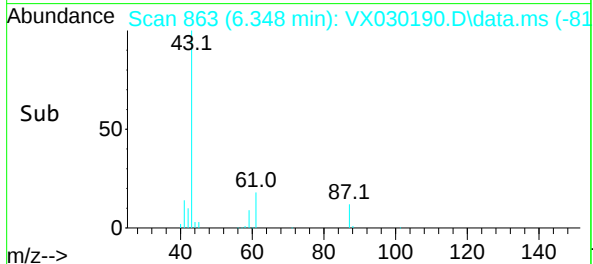
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 138570
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 13.2 11.1 16.7

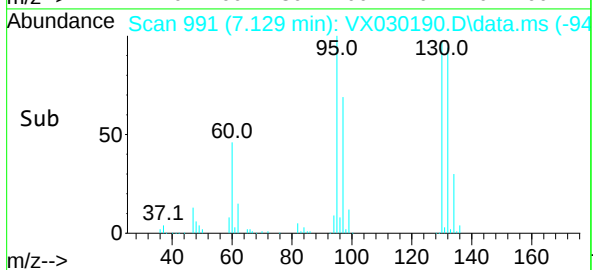
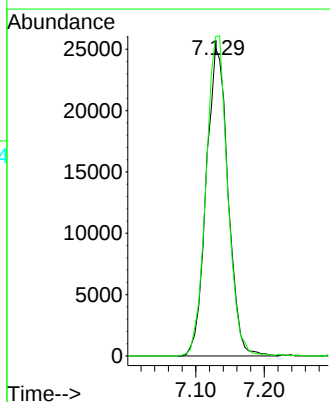
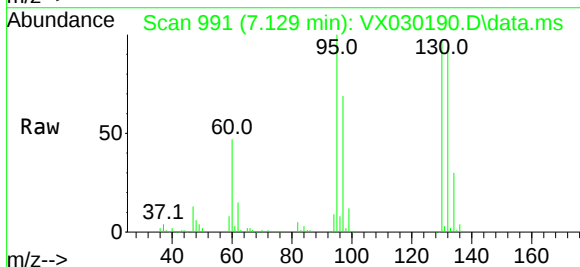
Manual Integrations
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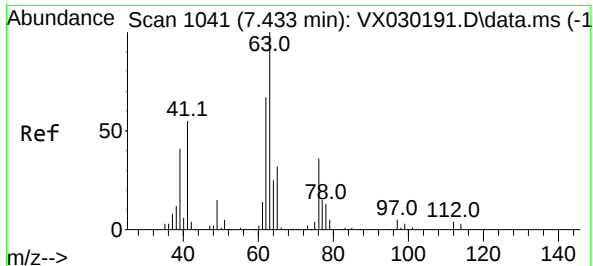
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#44
Trichloroethene
Concen: 18.899 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion:130 Resp: 55712
Ion Ratio Lower Upper
130 100
95 103.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.296 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5554

Ion Ratio Lower Upper

63 100

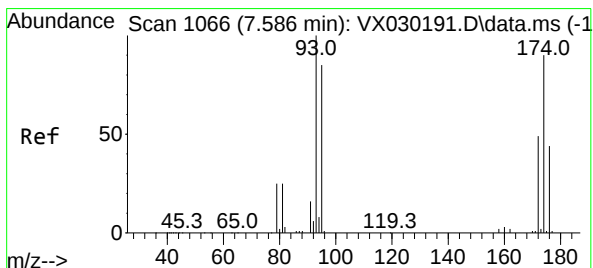
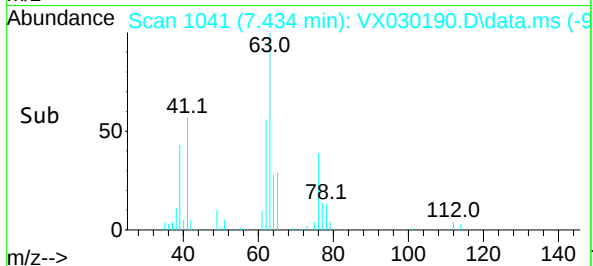
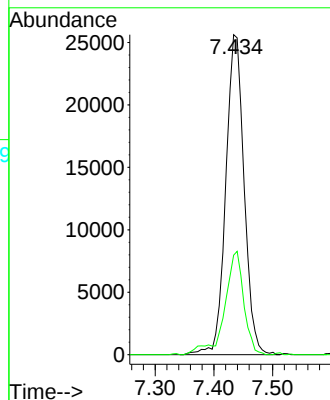
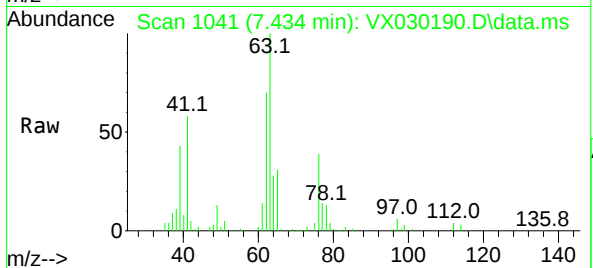
65 31.1 25.2 37.8

Manual Integrations

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Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#46

Dibromomethane

Concen: 19.057 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

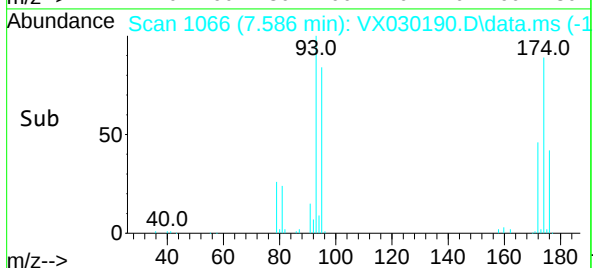
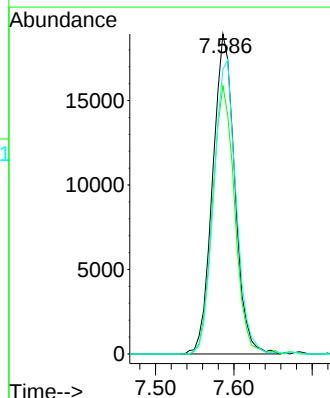
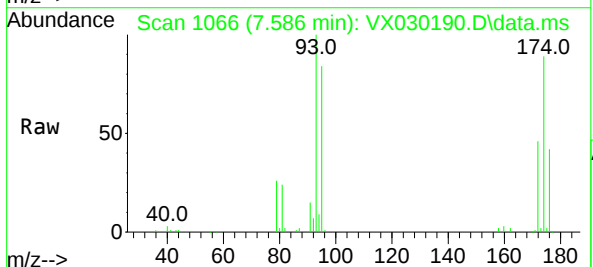
Tgt Ion: 93 Resp: 37203

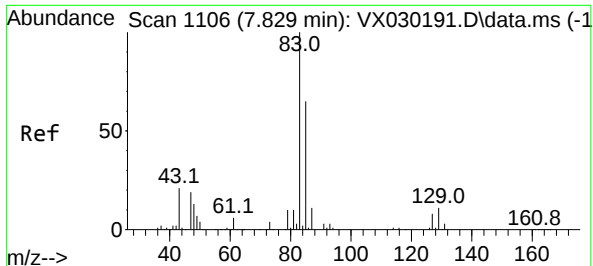
Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.0

174 92.7 75.6 113.4





#47

Bromodichloromethane

Concen: 19.285 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

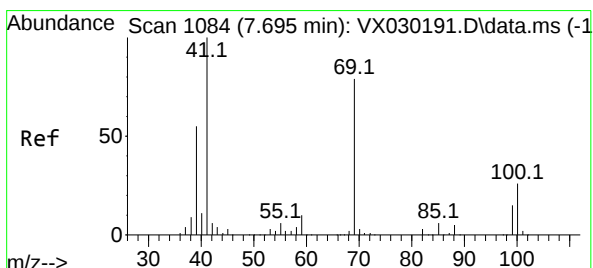
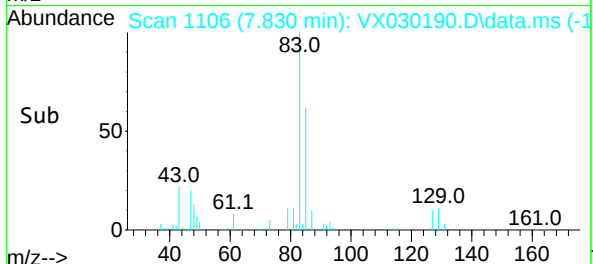
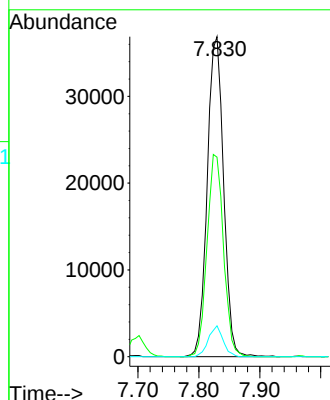
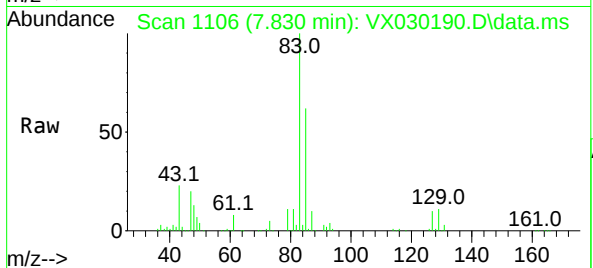
Tgt Ion: 83	Resp: 6865
Ion Ratio	Lower Upper
83 100	
85 62.4	53.5 80.3
127 9.7	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#48

Methyl methacrylate

Concen: 19.492 ug/l

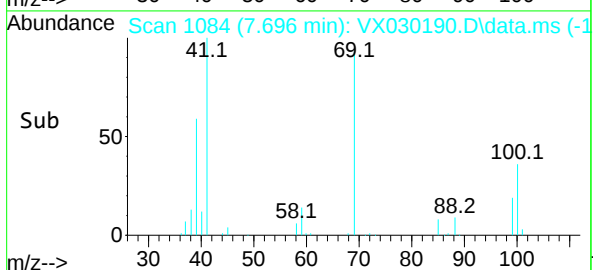
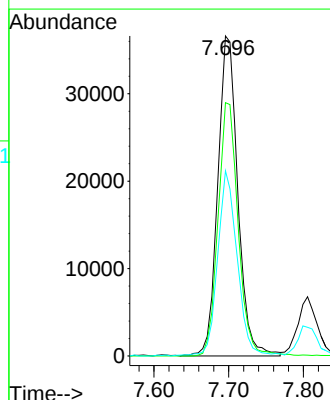
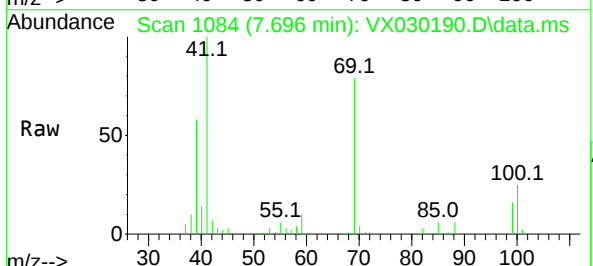
RT: 7.696 min Scan# 1084

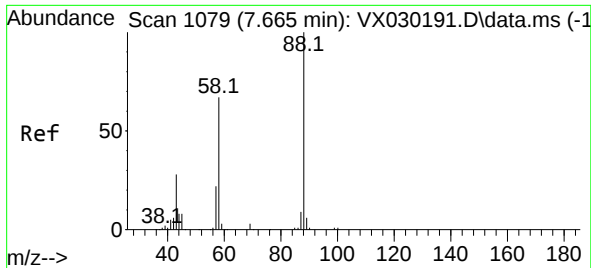
Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Tgt Ion: 41	Resp: 68397
Ion Ratio	Lower Upper
41 100	
69 79.4	68.8 103.2
39 56.5	44.6 66.8





#49

1,4-Dioxane

Concen: 389.639 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 3140

Ion Ratio Lower Upper

88 100

43 30.8 23.8 35.8

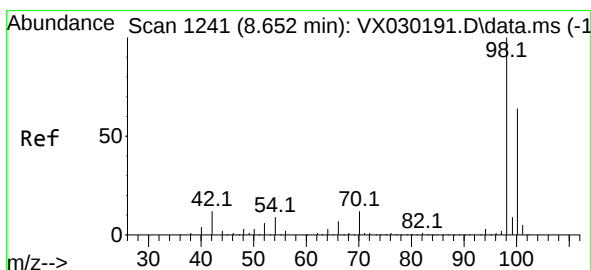
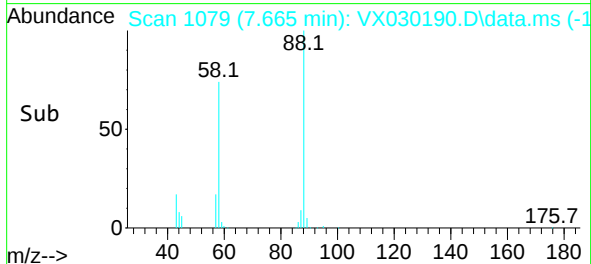
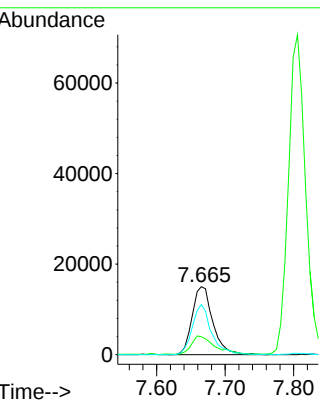
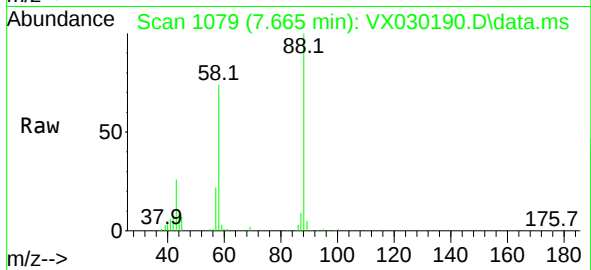
58 68.5 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#50

Toluene-d8

Concen: 20.079 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX030190.D

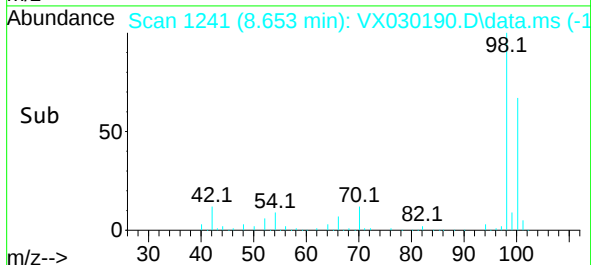
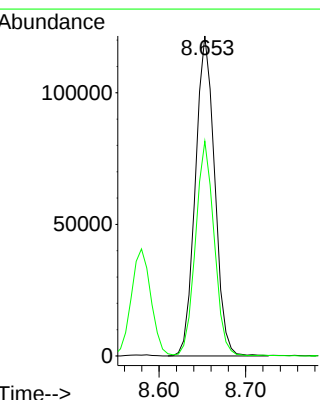
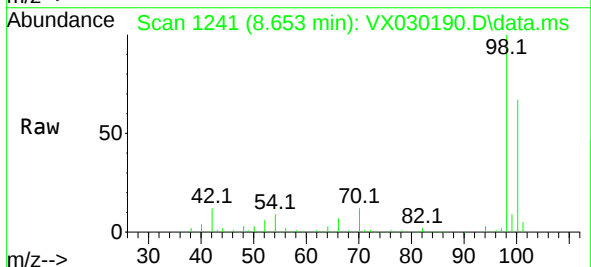
Acq: 25 Jul 2022 13:21

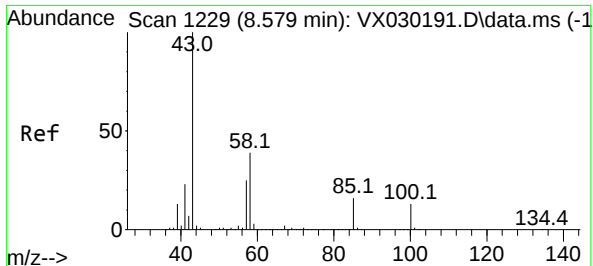
Tgt Ion: 98 Resp: 188475

Ion Ratio Lower Upper

98 100

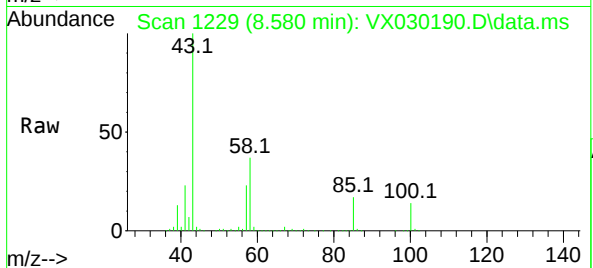
100 64.4 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 98.686 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

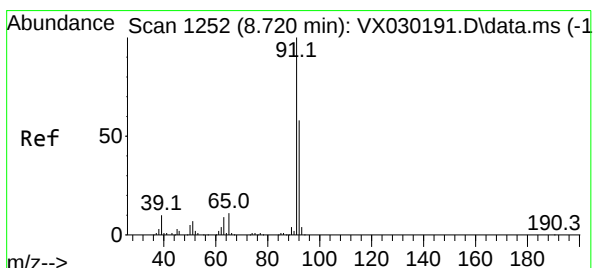
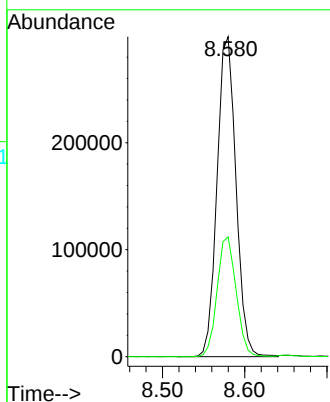
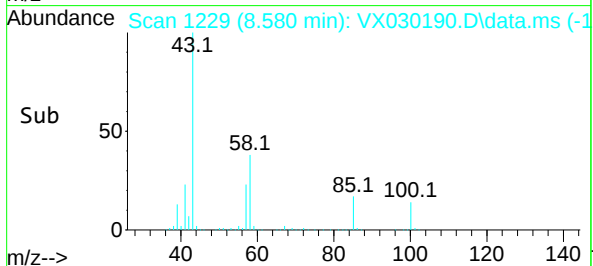
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



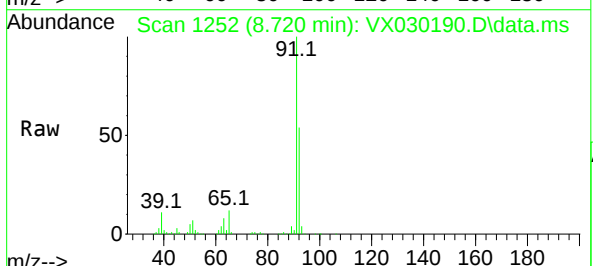
Tgt Ion: 43 Resp: 47802
Ion Ratio Lower Upper
43 100
58 37.8 31.4 47.2

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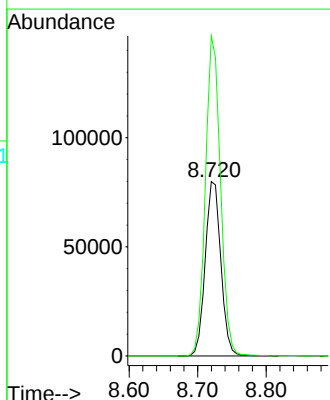
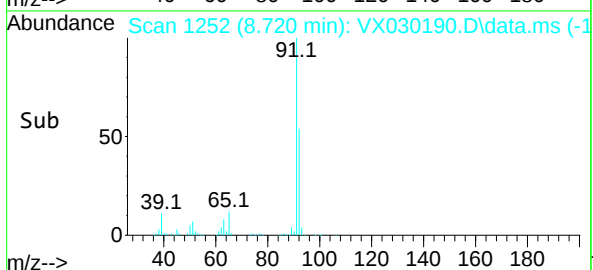
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

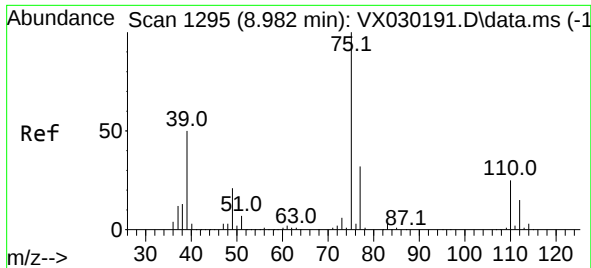


#52
Toluene
Concen: 19.298 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



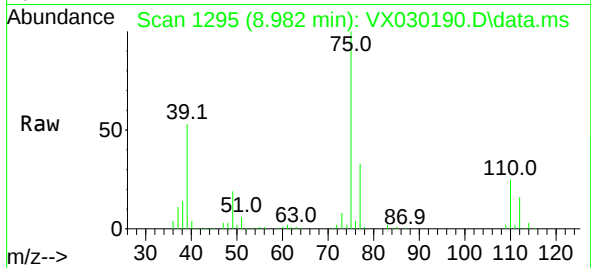
Tgt Ion: 92 Resp: 126922
Ion Ratio Lower Upper
92 100
91 177.1 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 19.019 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21

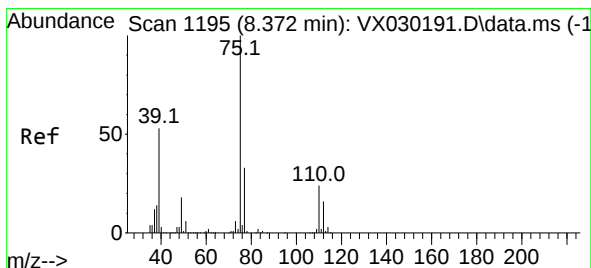
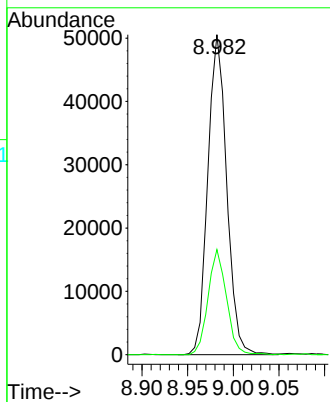
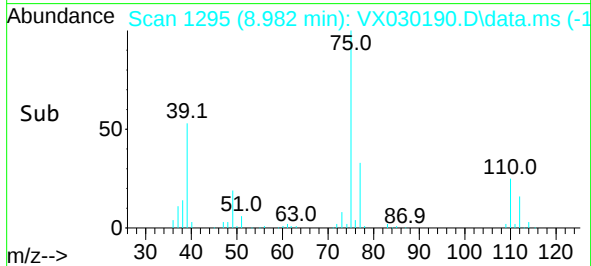
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 72536
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.3 39.5

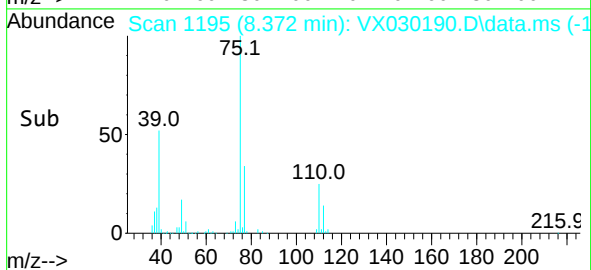
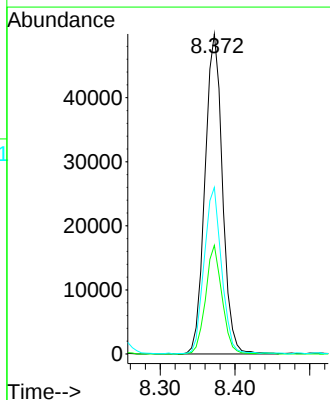
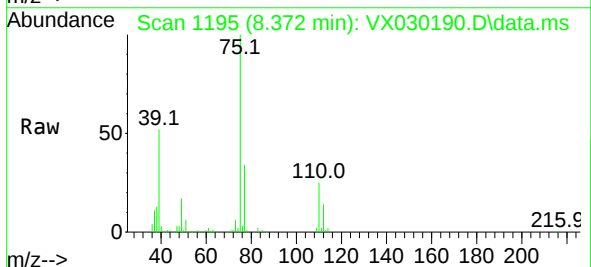
Manual Integrations
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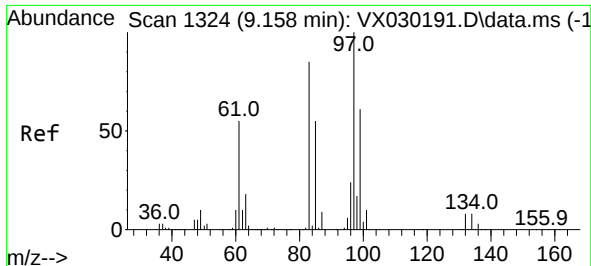
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.468 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21

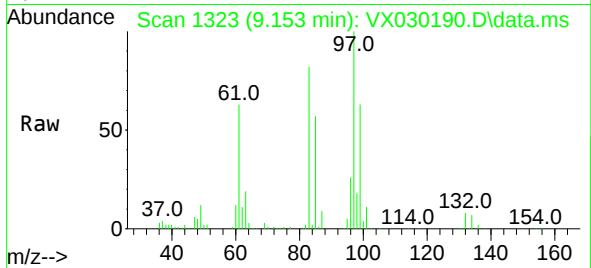
Tgt Ion: 75 Resp: 81217
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.4
 39 51.9 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 19.124 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

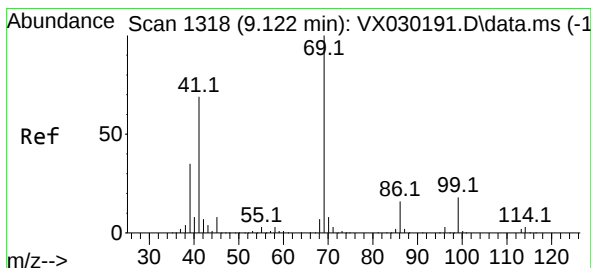
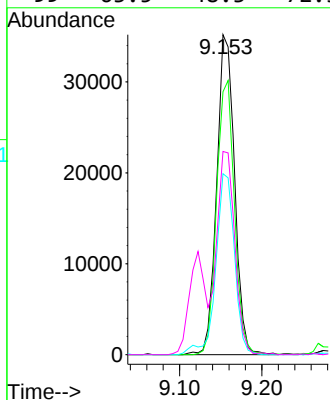
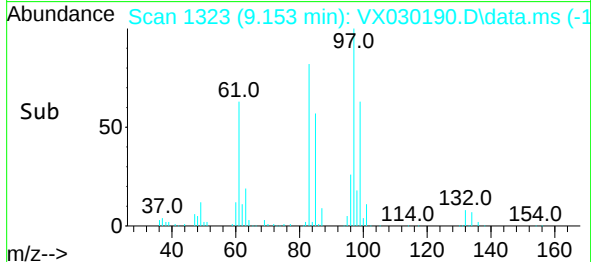
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 53350
Ion Ratio Lower Upper
97 100
83 82.2 68.9 103.3
85 56.6 44.0 66.0
99 63.5 48.3 72.5

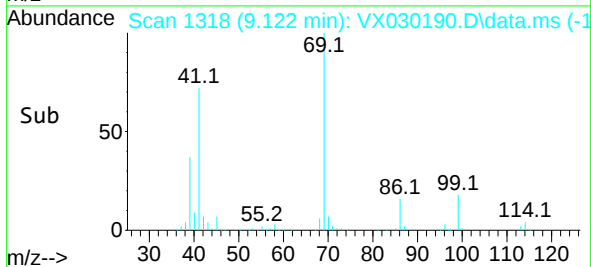
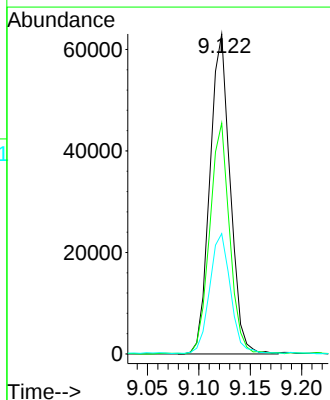
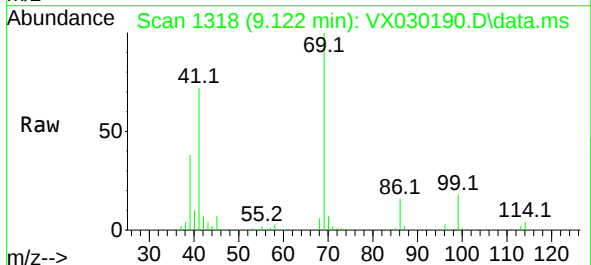
Manual Integrations
APPROVED

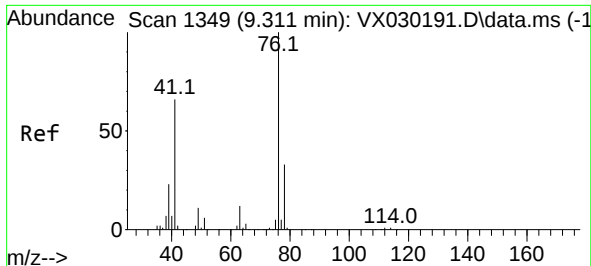
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#56
Ethyl methacrylate
Concen: 19.525 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 69 Resp: 86436
Ion Ratio Lower Upper
69 100
41 70.4 52.3 78.5
39 38.5 28.2 42.4





#57

1,3-Dichloropropane

Concen: 19.358 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 89540

Ion Ratio Lower Upper

76 100

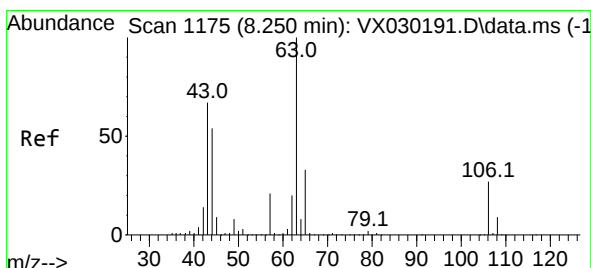
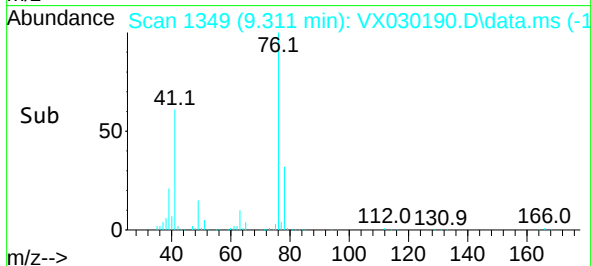
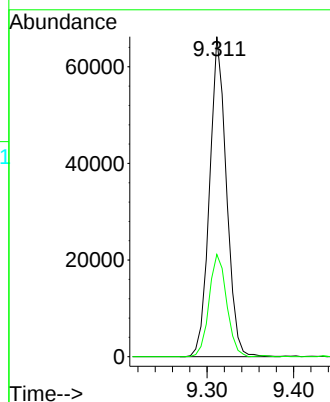
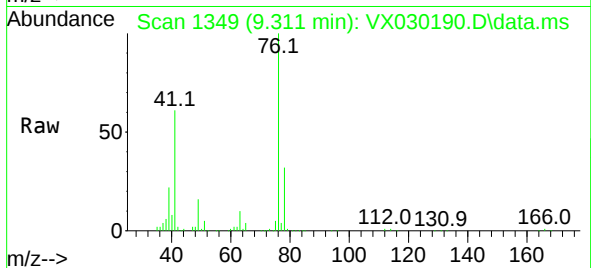
78 33.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 104.283 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030190.D

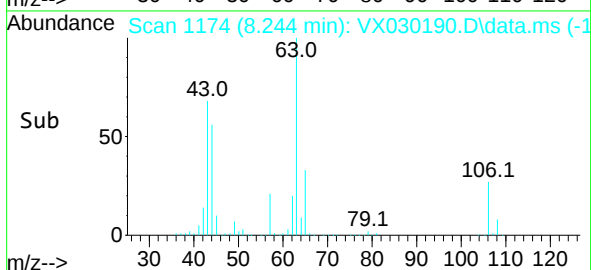
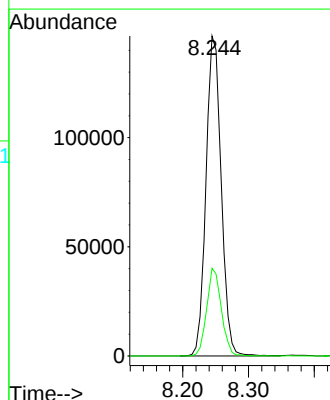
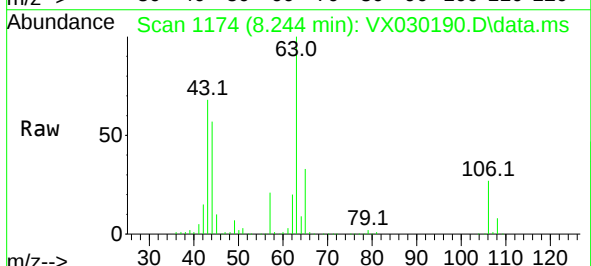
Acq: 25 Jul 2022 13:21

Tgt Ion: 63 Resp: 235758

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2





#59

2-Hexanone

Concen: 97.976 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 37281

Ion Ratio Lower Upper

43 100

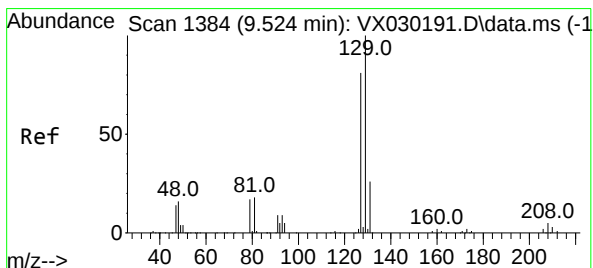
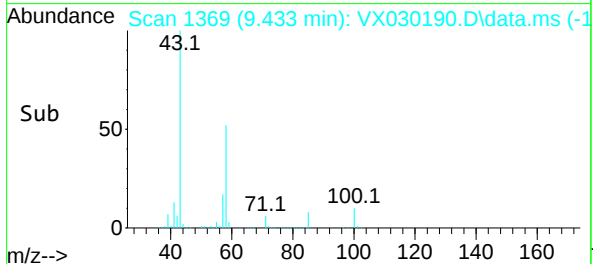
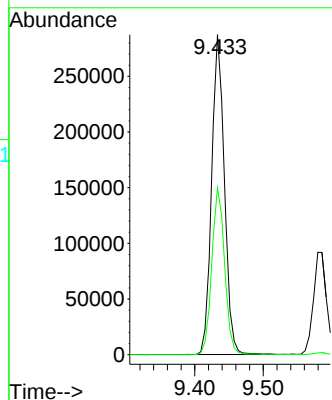
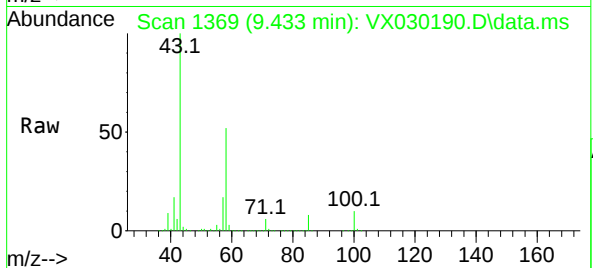
58 52.6 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#60

Dibromochloromethane

Concen: 19.289 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030190.D

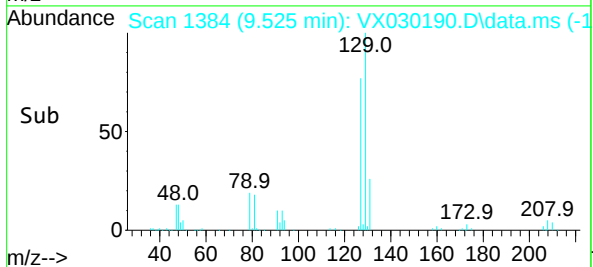
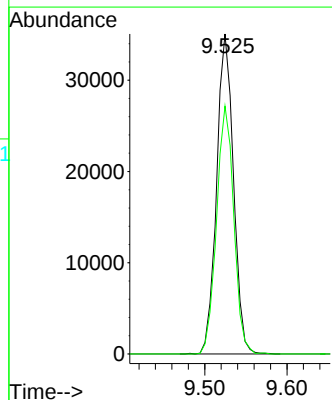
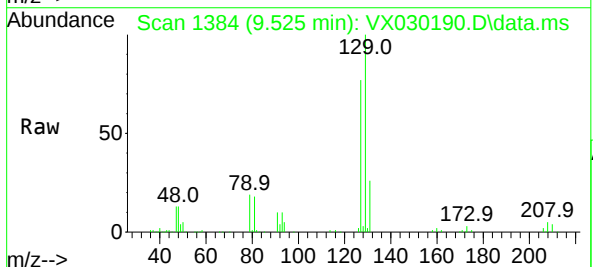
Acq: 25 Jul 2022 13:21

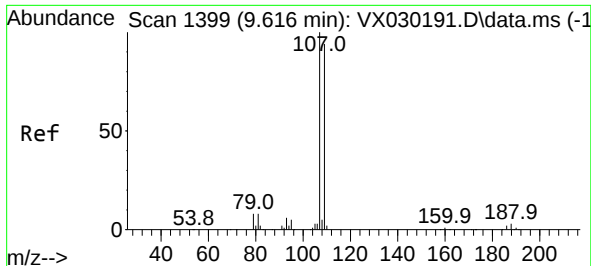
Tgt Ion:129 Resp: 49927

Ion Ratio Lower Upper

129 100

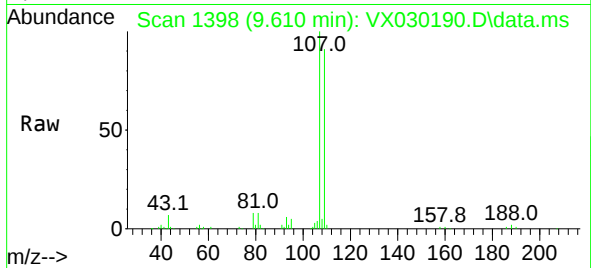
127 79.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.198 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

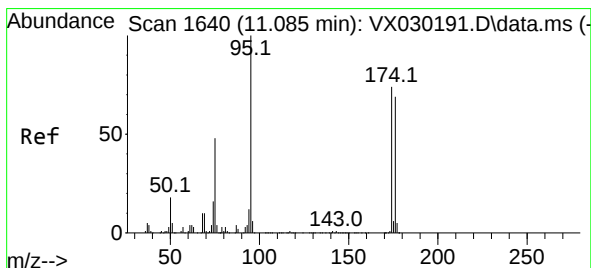
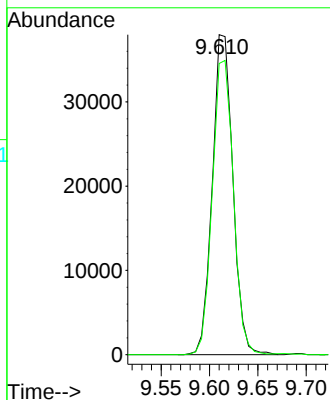
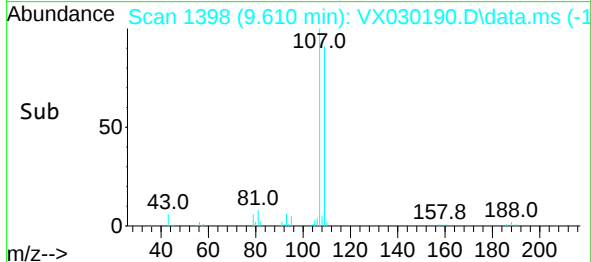
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 107 Resp: 5606
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

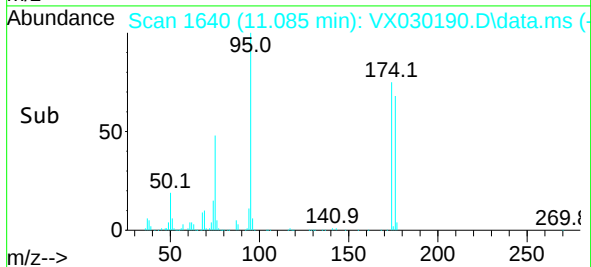
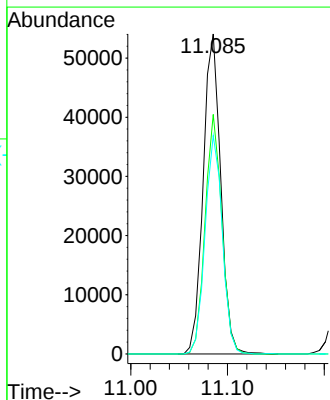
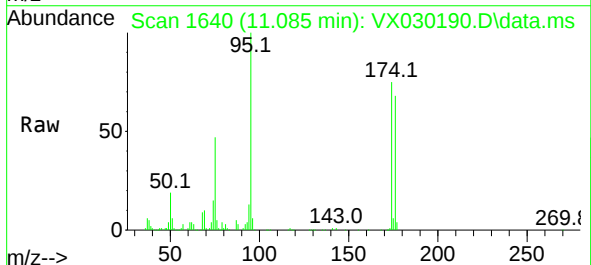
Manual Integrations
APPROVED

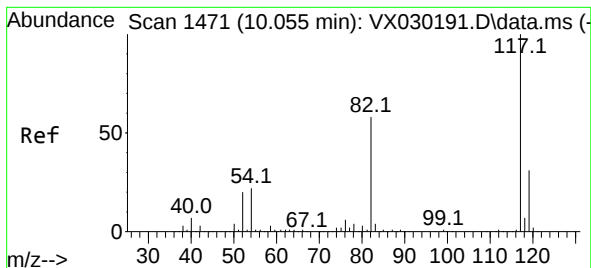
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#62
4-Bromofluorobenzene
Concen: 19.679 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

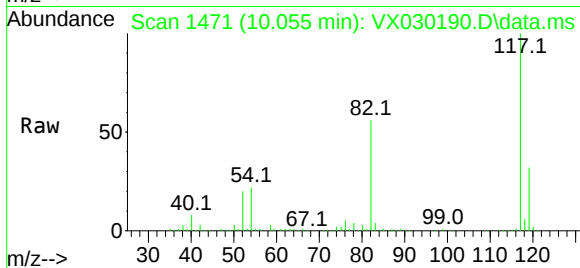
Tgt Ion: 95 Resp: 68177
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.0
176 67.0 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

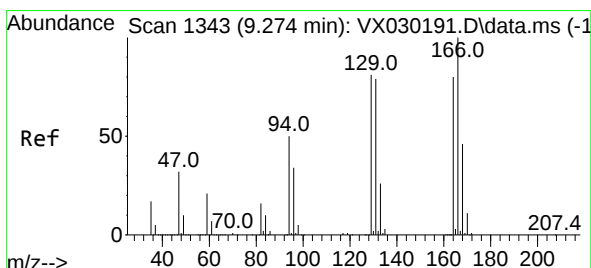
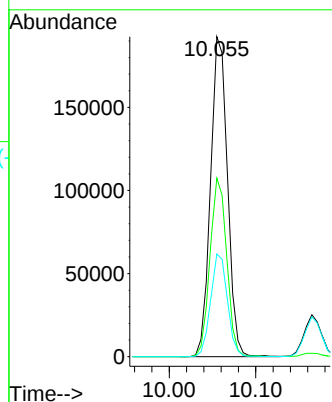
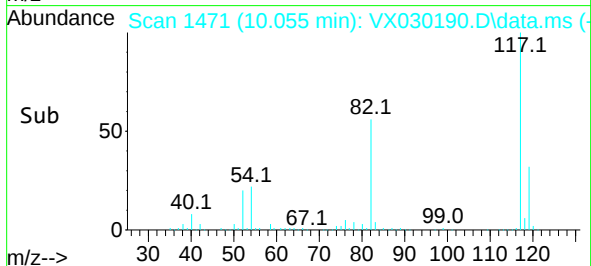
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



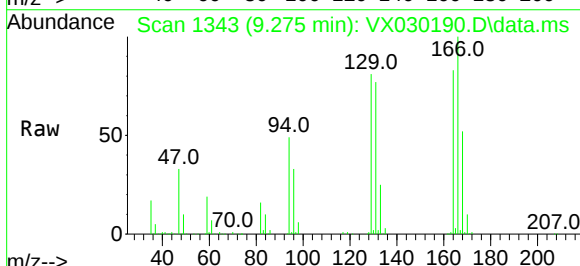
Tgt Ion:117 Resp: 26181
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 32.1 25.4 38.2

Manual Integrations
APPROVED

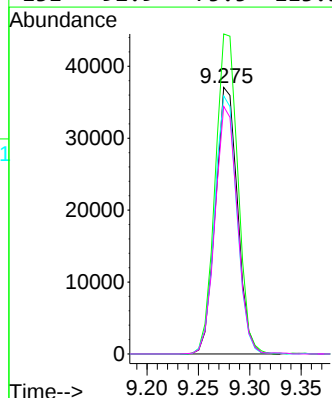
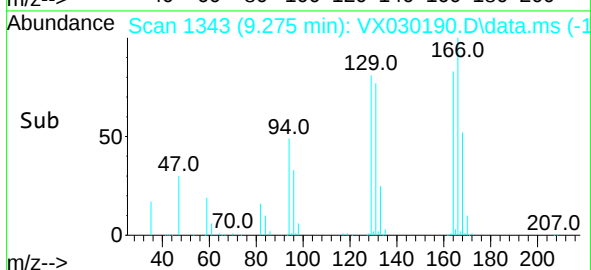
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

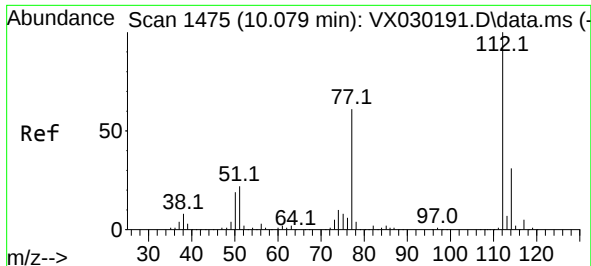


#64
Tetrachloroethene
Concen: 19.607 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



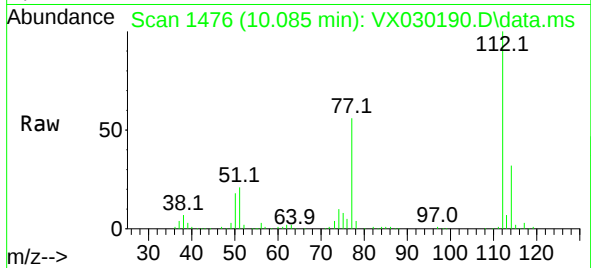
Tgt Ion:164 Resp: 55230
Ion Ratio Lower Upper
164 100
166 120.1 98.2 147.4
129 96.8 80.8 121.2
131 92.9 75.5 113.3





#65
Chlorobenzene
Concen: 18.987 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

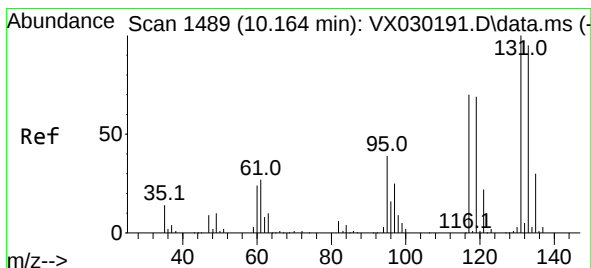
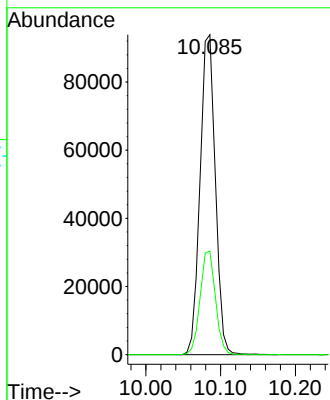
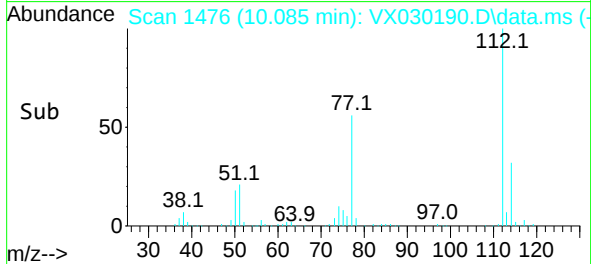
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



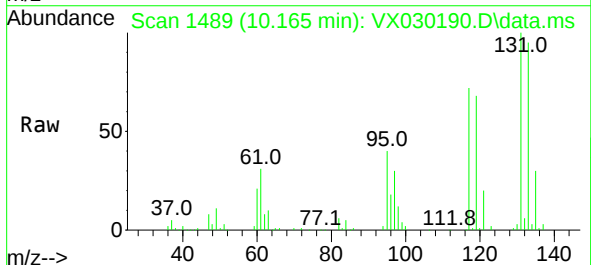
Tgt Ion:112 Resp: 13346
Ion Ratio Lower Upper
112 100
114 32.4 24.6 36.8

Manual Integrations
APPROVED

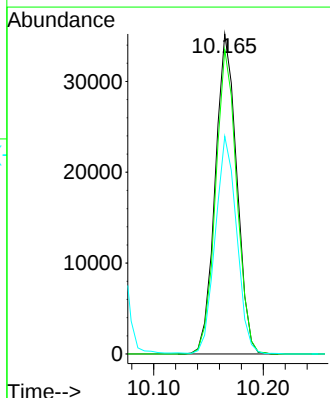
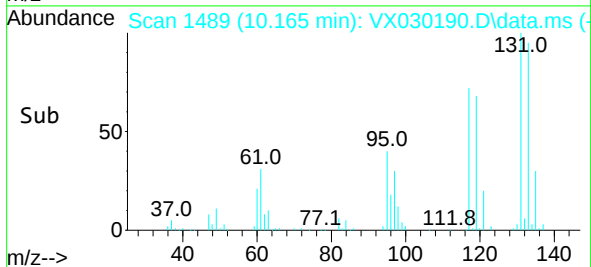
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

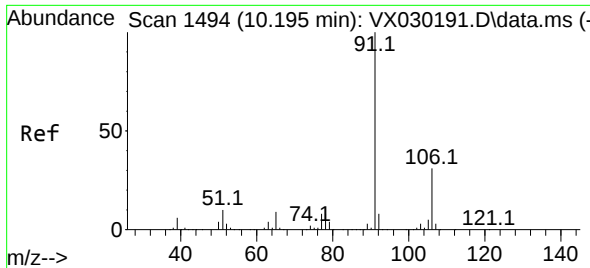


#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



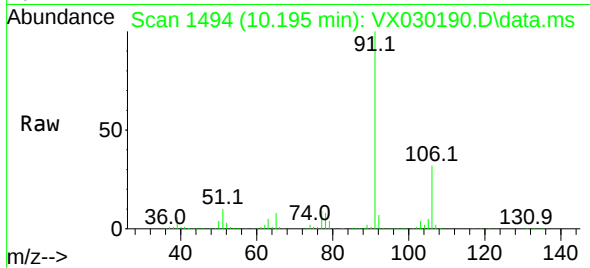
Tgt Ion:131 Resp: 47996
Ion Ratio Lower Upper
131 100
133 93.3 46.9 140.8
119 67.6 34.4 103.1





#67
Ethyl Benzene
Concen: 17.897 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

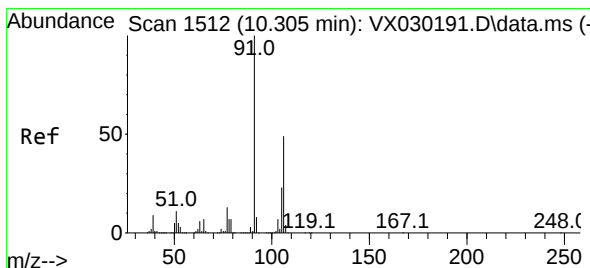
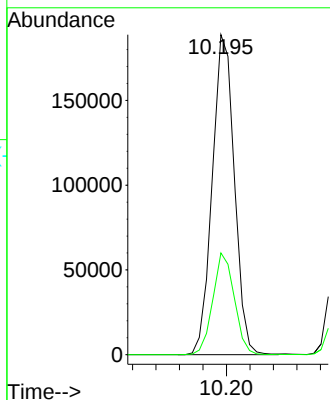
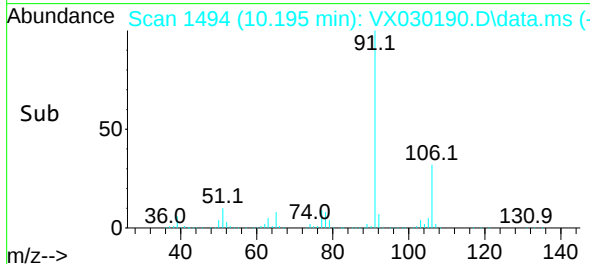
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



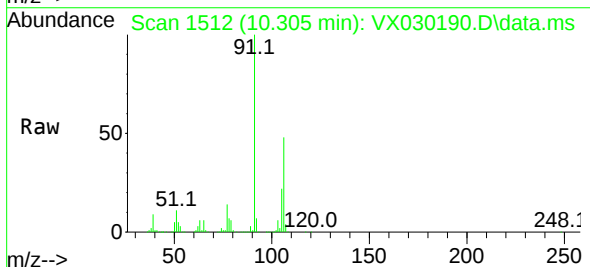
Tgt Ion: 91 Resp: 246742
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

Manual Integrations
APPROVED

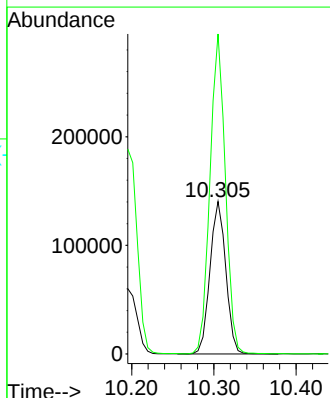
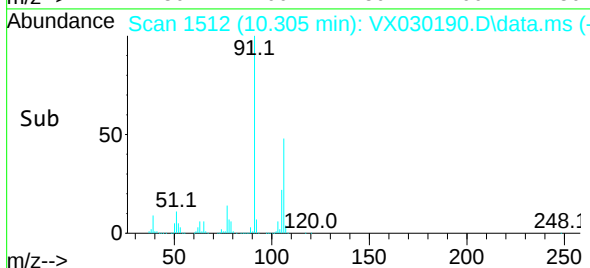
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

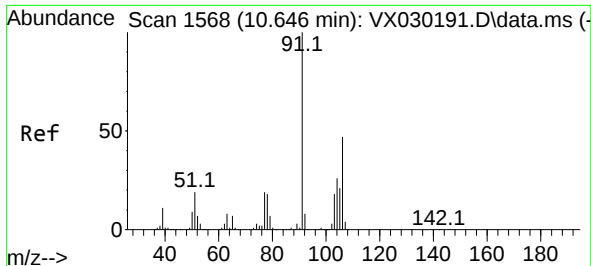


#68
m/p-Xylenes
Concen: 39.410 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



Tgt Ion:106 Resp: 187247
Ion Ratio Lower Upper
106 100
91 204.1 158.2 237.4





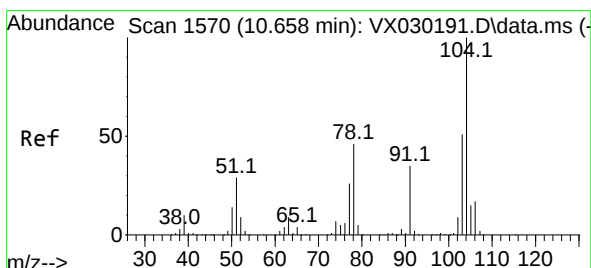
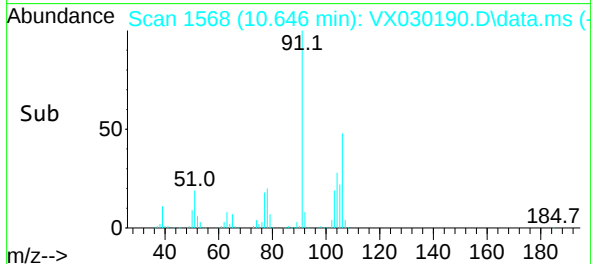
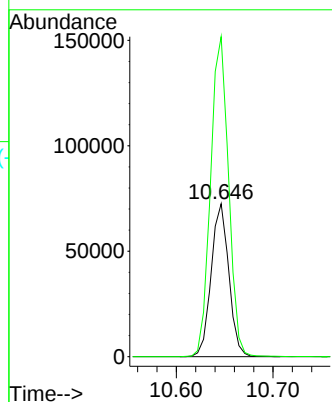
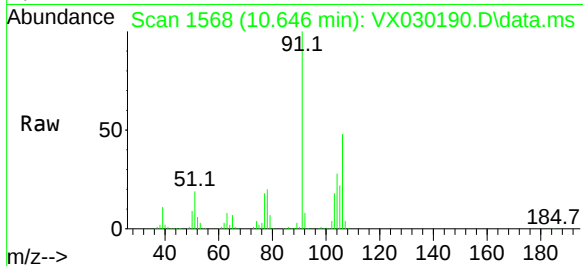
#69
o-Xylene
Concen: 19.644 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 91962
Ion Ratio Lower Upper
106 100
91 213.6 103.8 311.6

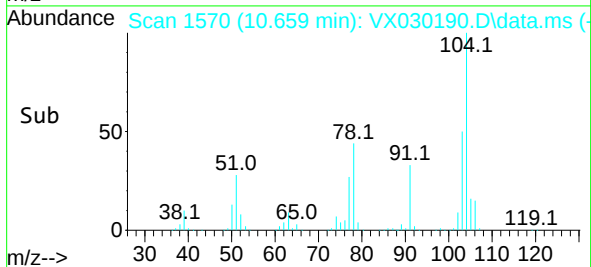
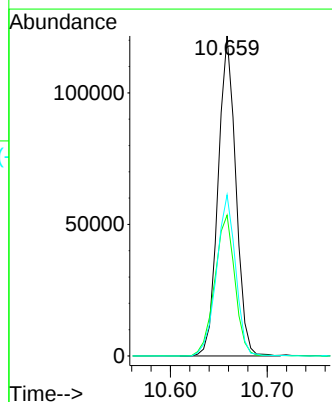
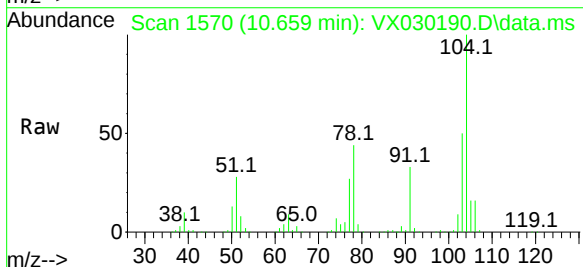
Manual Integrations
APPROVED

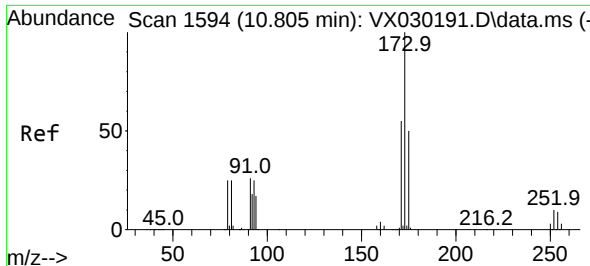
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#70
Styrene
Concen: 20.110 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

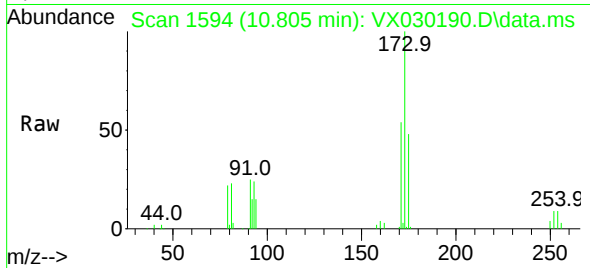
Tgt Ion:104 Resp: 154535
Ion Ratio Lower Upper
104 100
78 50.3 37.8 56.8
103 54.3 44.5 66.7





#71
Bromoform
Concen: 19.500 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

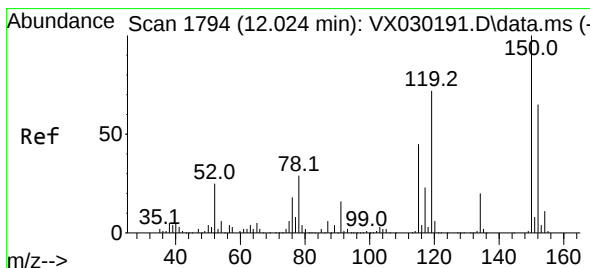
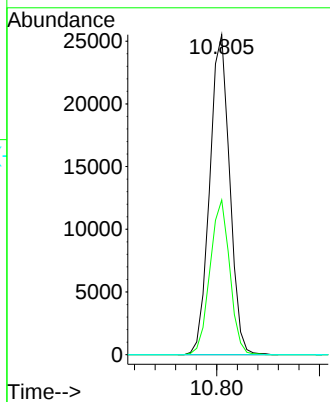
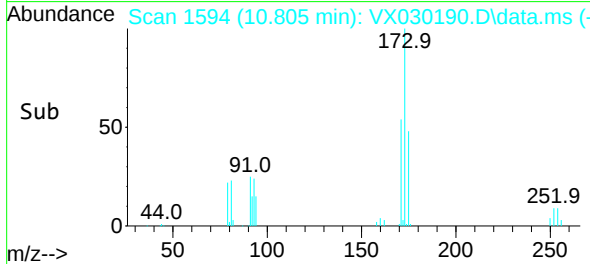
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



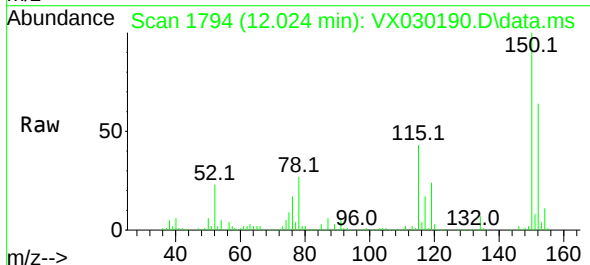
Tgt Ion:173 Resp: 3434
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

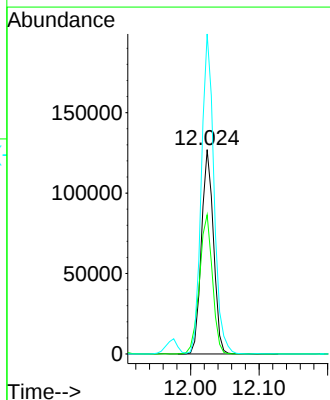
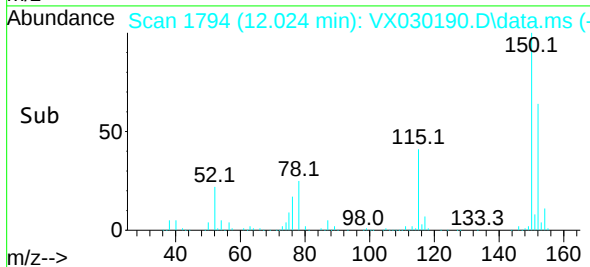
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

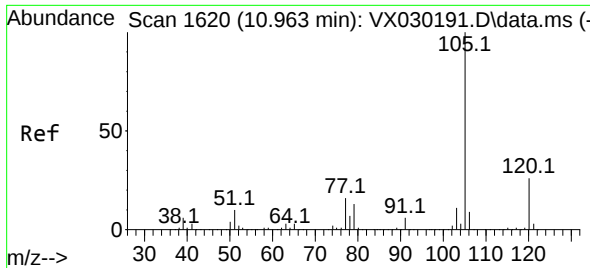


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



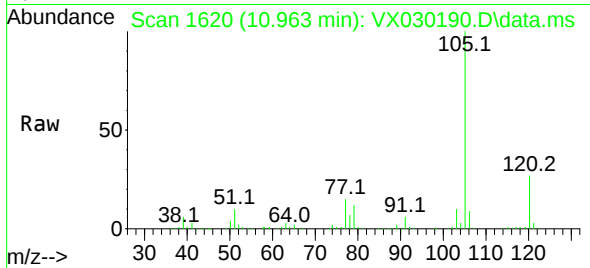
Tgt Ion:152 Resp: 155373
Ion Ratio Lower Upper
152 100
115 73.3 40.5 121.5
150 163.7 0.0 347.0





#73
Isopropylbenzene
Concen: 19.664 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

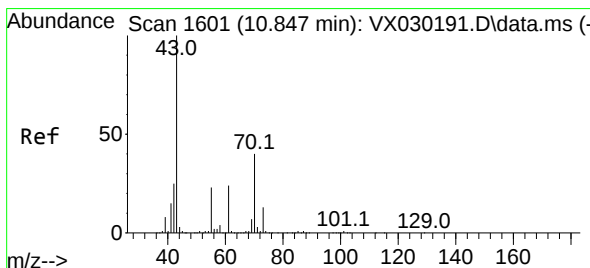
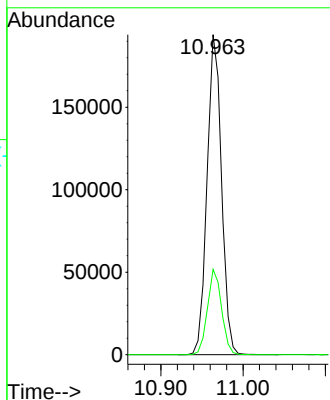
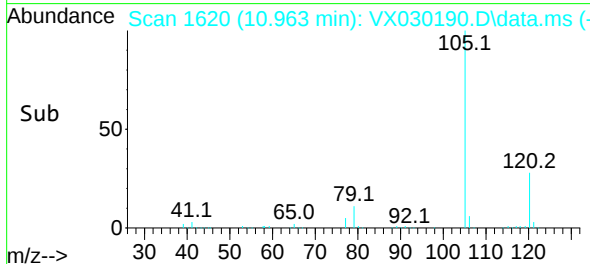
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



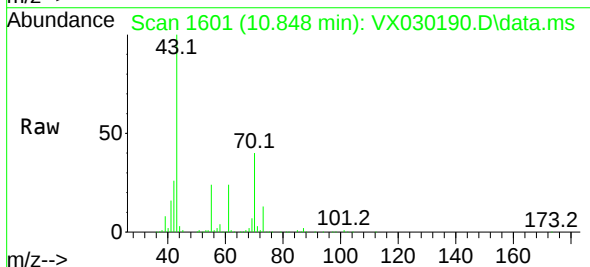
Tgt Ion:105 Resp: 23646
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
APPROVED

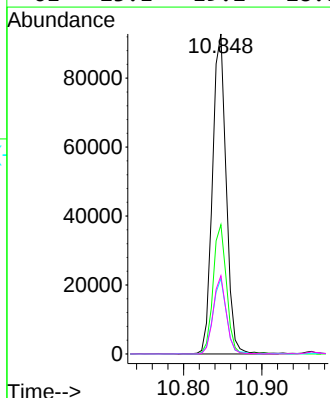
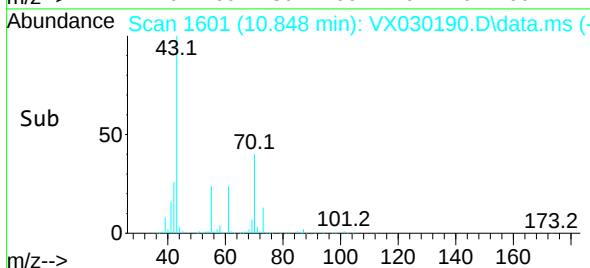
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

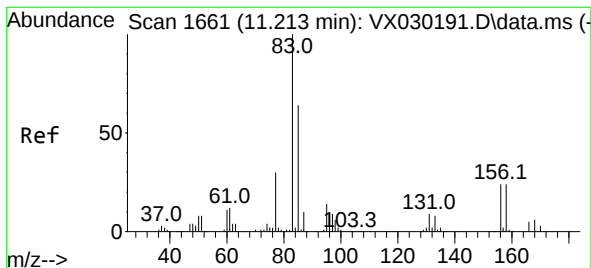


#74
N-ethyl acetate
Concen: 19.424 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



Tgt Ion: 43 Resp: 113167
Ion Ratio Lower Upper
43 100
70 39.1 32.3 48.5
55 23.0 18.4 27.6
61 23.1 19.2 28.8





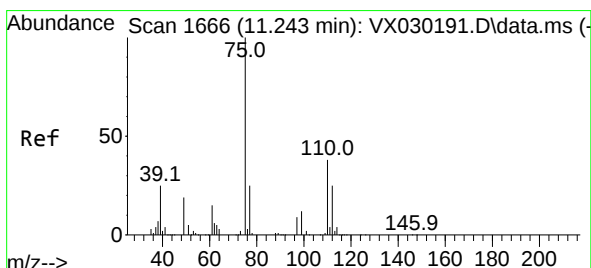
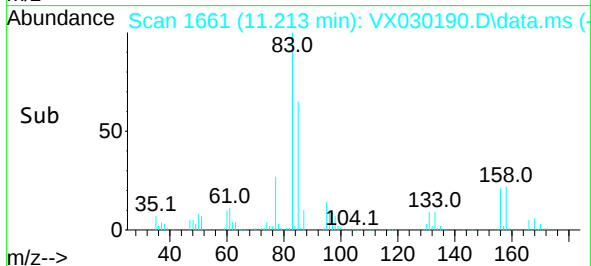
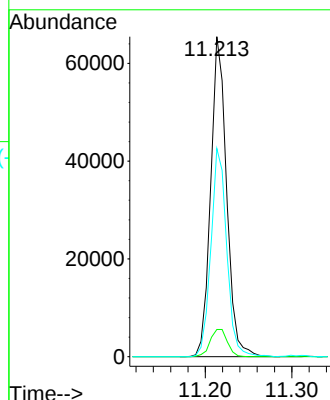
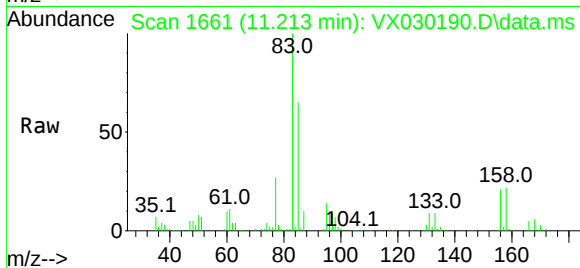
#75
1,1,2,2-Tetrachloroethane
Concen: 19.038 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 83484
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 64.8 32.5 97.5

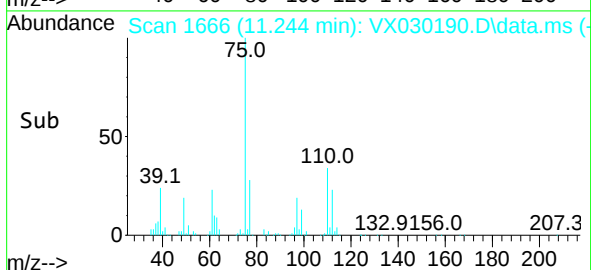
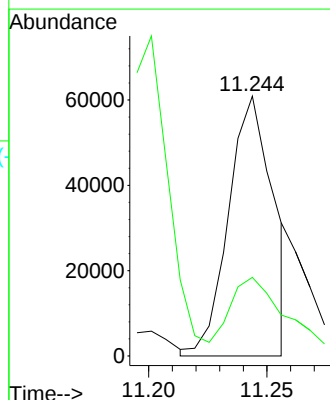
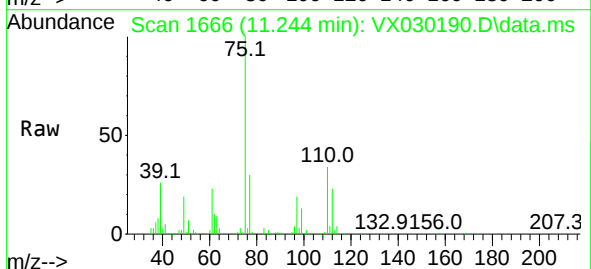
Manual Integrations
APPROVED

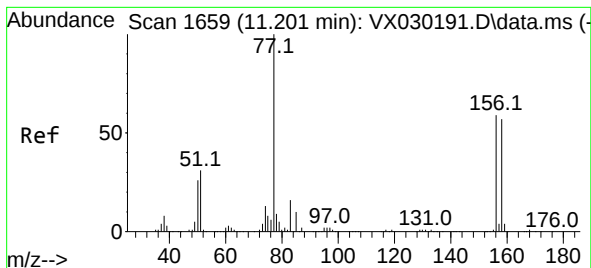
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#76
1,2,3-Trichloropropane
Concen: 18.572 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 75 Resp: 80355
Ion Ratio Lower Upper
75 100
77 39.0 19.8 59.3





#77

Bromobenzene

Concen: 19.360 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:156 Resp: 5463

Ion Ratio Lower Upper

156 100

77 173.3 82.7 247.9

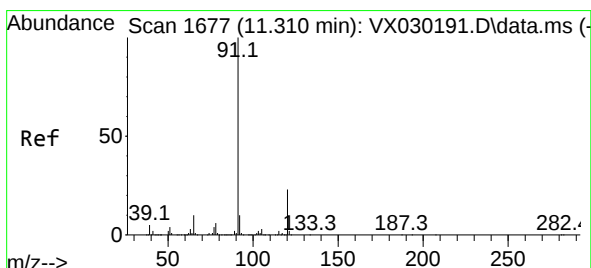
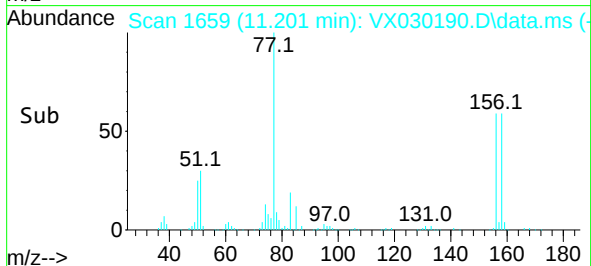
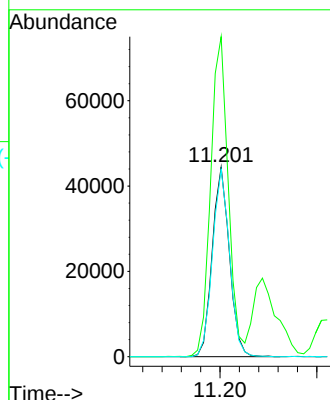
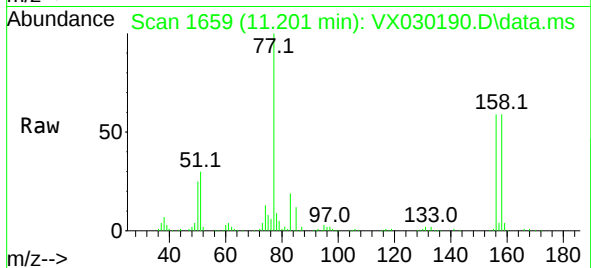
158 98.5 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#78

n-propylbenzene

Concen: 19.408 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VX030190.D

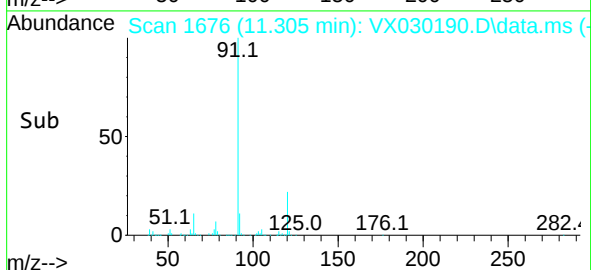
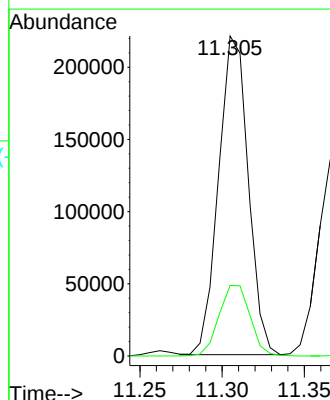
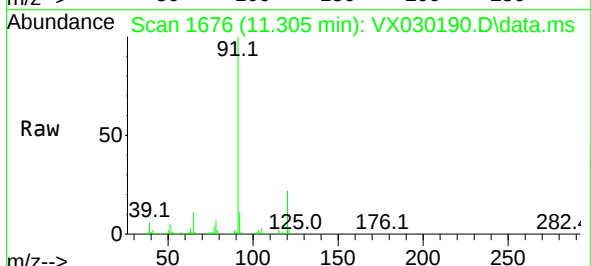
Acq: 25 Jul 2022 13:21

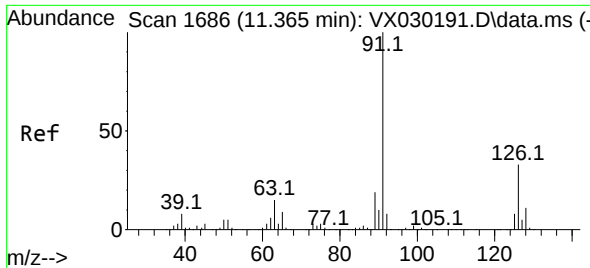
Tgt Ion: 91 Resp: 277458

Ion Ratio Lower Upper

91 100

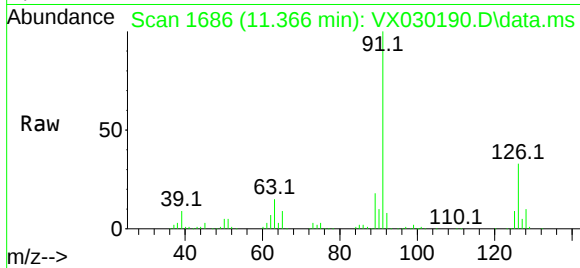
120 23.2 11.6 34.8





#79
2-Chlorotoluene
Concen: 18.695 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

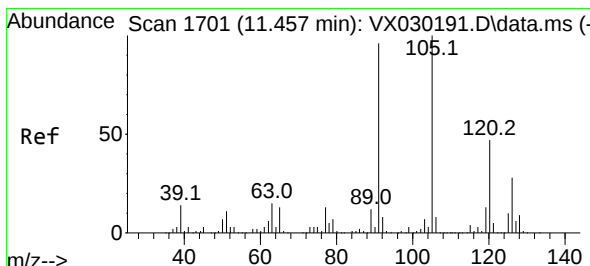
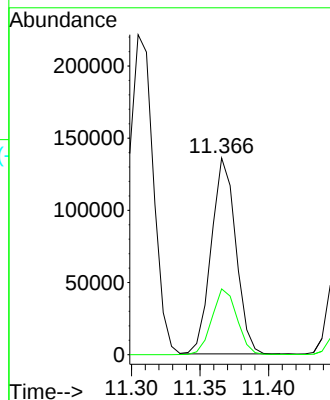
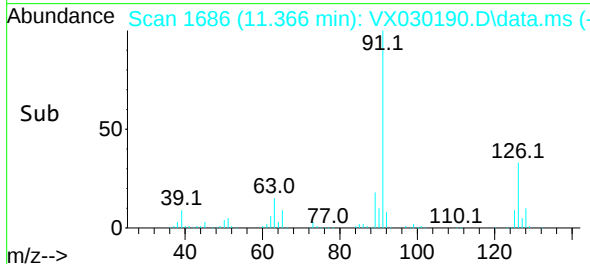
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



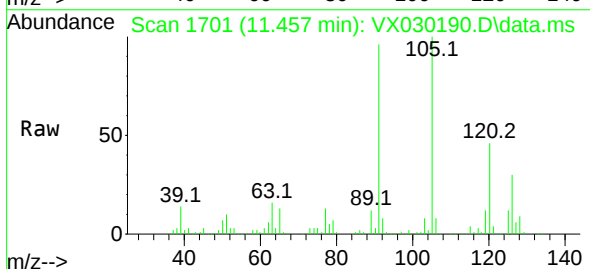
Tgt Ion: 91 Resp: 16901
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

Manual Integrations
APPROVED

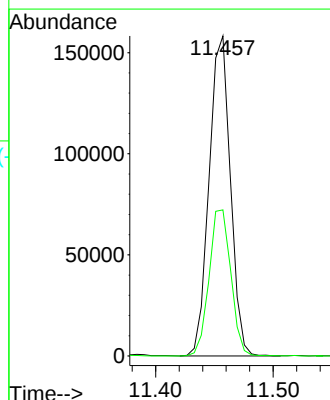
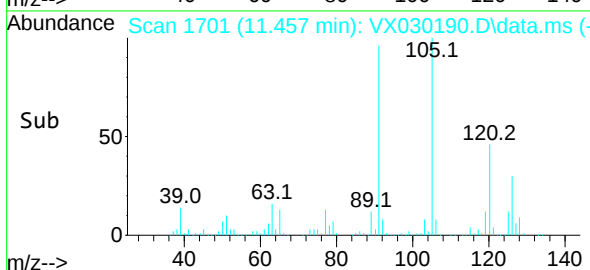
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

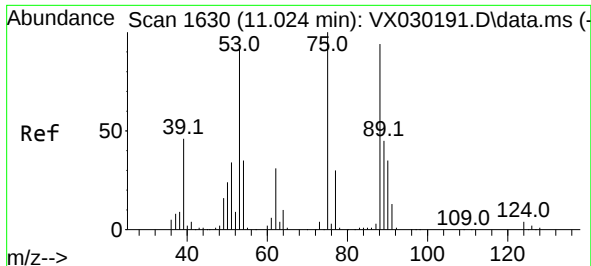


#80
1,3,5-Trimethylbenzene
Concen: 19.828 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



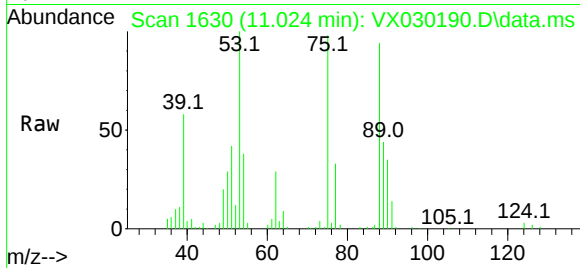
Tgt Ion:105 Resp: 198949
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.226 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

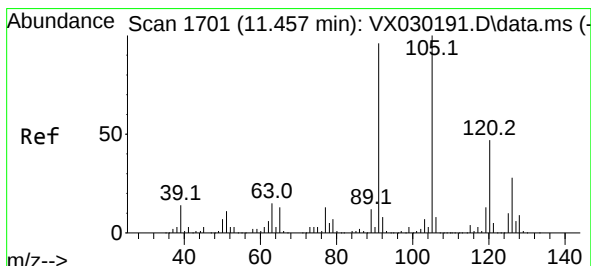
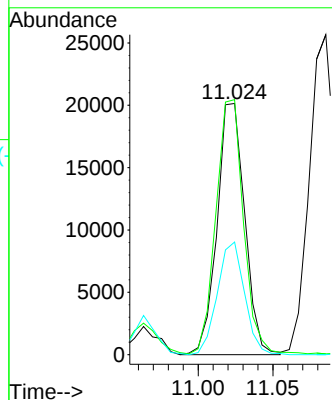
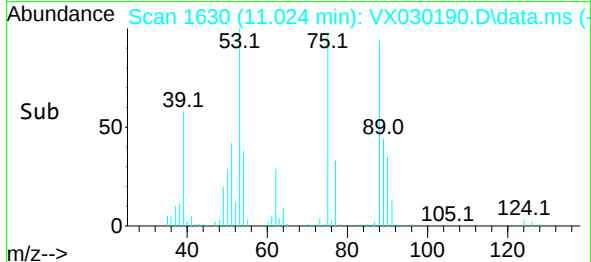
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



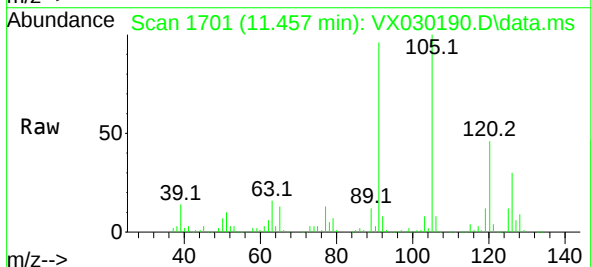
Tgt Ion: 75 Resp: 2592
Ion Ratio Lower Upper
75 100
53 100.8 74.2 111.4
89 44.1 34.8 52.2

Manual Integrations
APPROVED

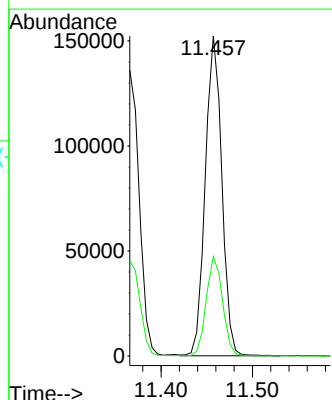
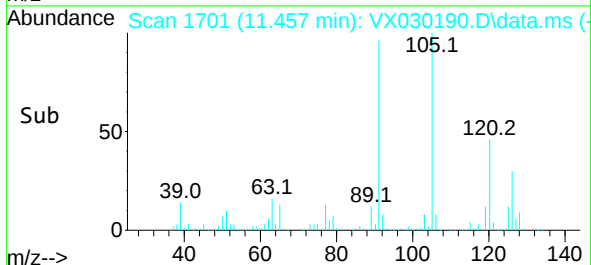
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

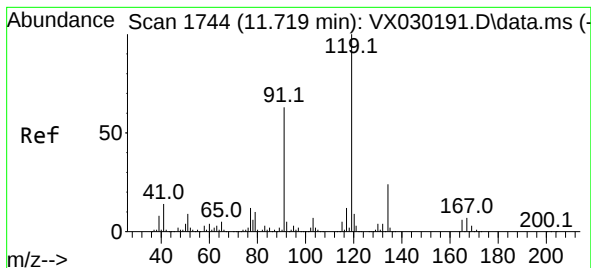


#82
4-Chlorotoluene
Concen: 19.353 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



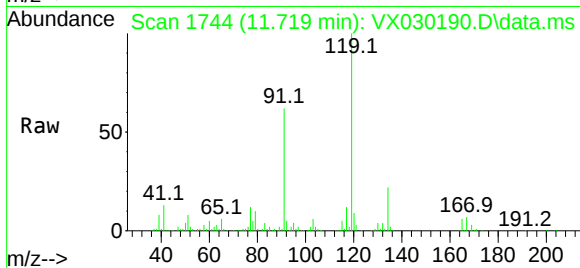
Tgt Ion: 91 Resp: 190733
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.902 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

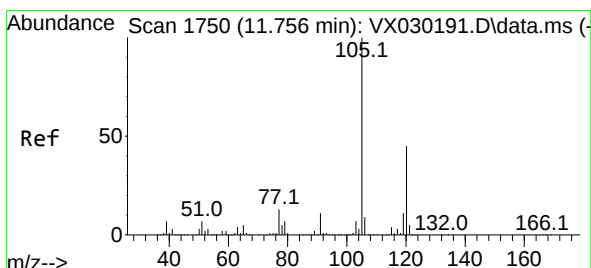
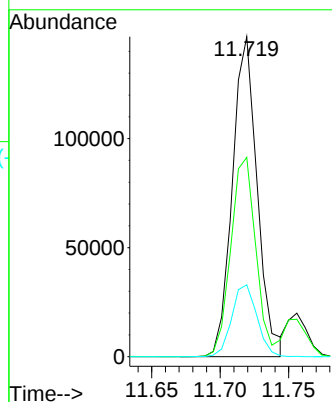
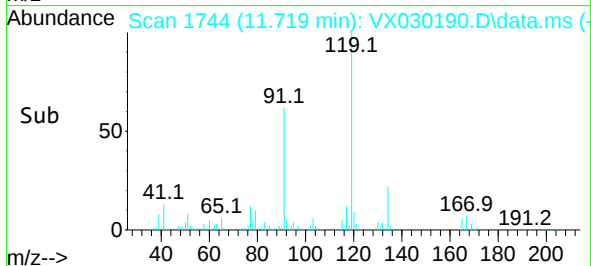
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 185398
Ion Ratio Lower Upper
119 100
91 62.6 28.3 84.9
134 22.9 11.2 33.5

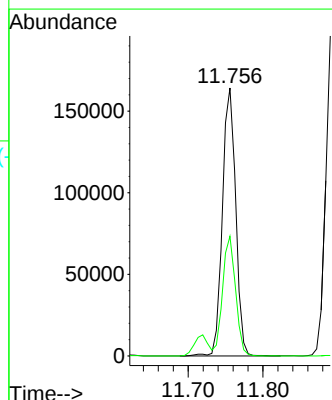
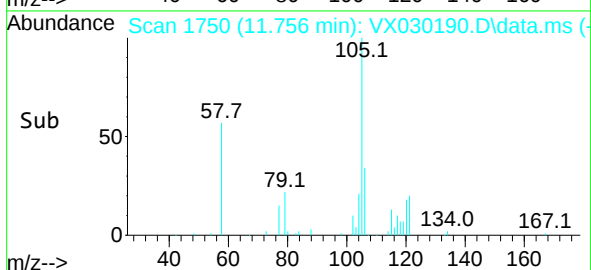
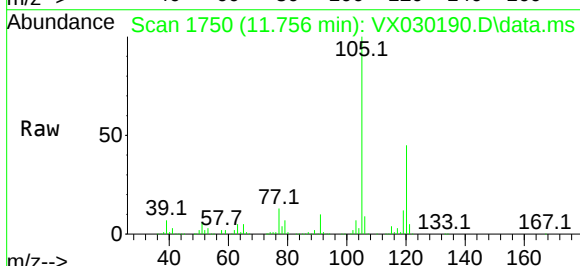
Manual Integrations
APPROVED

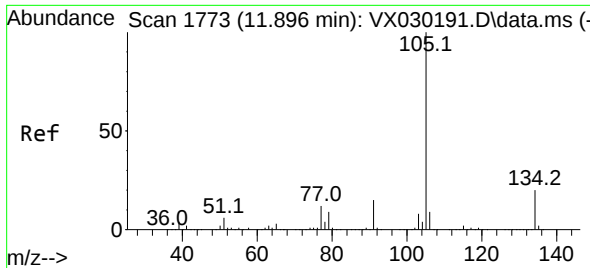
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.259 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

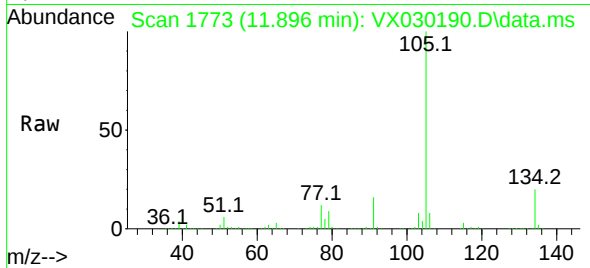
Tgt Ion:105 Resp: 203573
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 20.162 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21

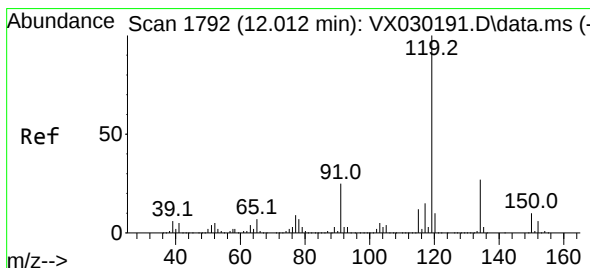
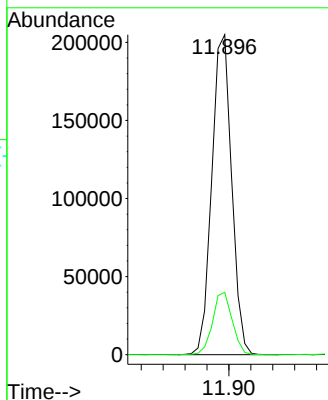
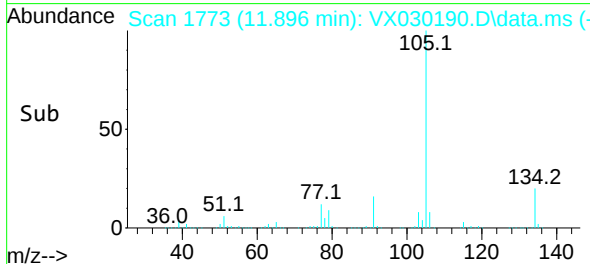
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



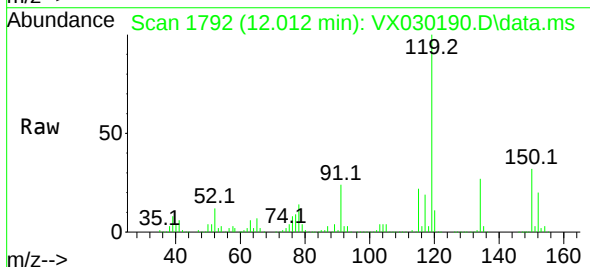
Tgt Ion:105 Resp: 25778
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.0 30.0

Manual Integrations
 APPROVED

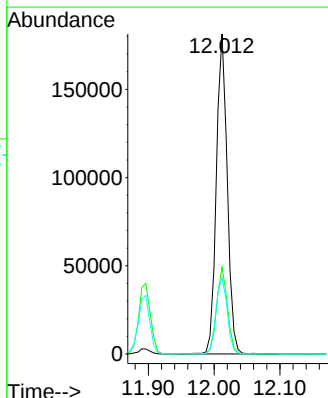
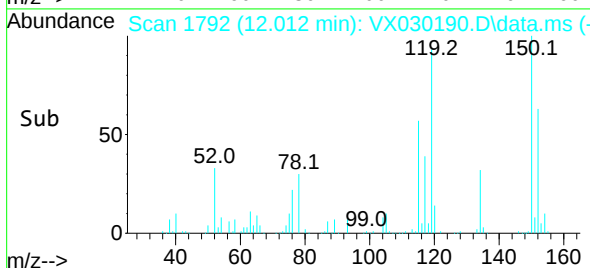
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

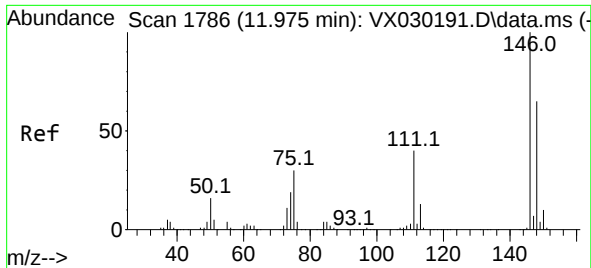


#86
 p-Isopropyltoluene
 Concen: 20.482 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030190.D
 Acq: 25 Jul 2022 13:21



Tgt Ion:119 Resp: 209292
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.9 41.6
 91 24.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.167 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 104859

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

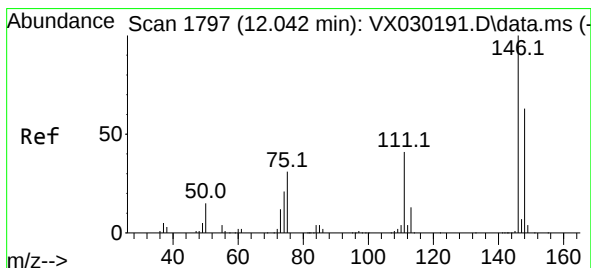
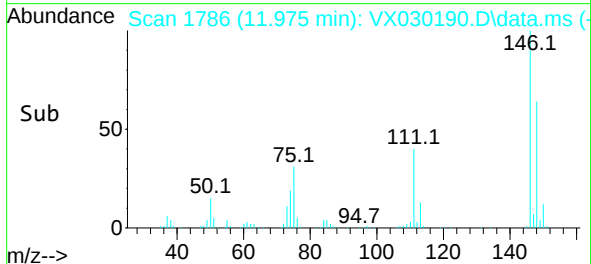
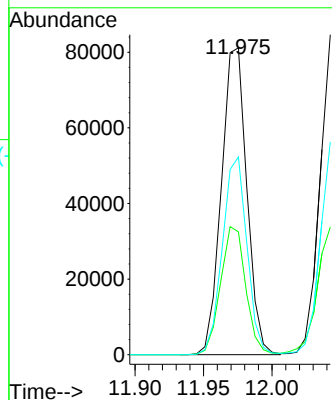
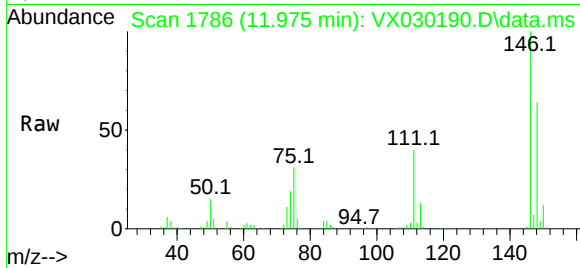
148 62.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#88

1,4-Dichlorobenzene

Concen: 19.107 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

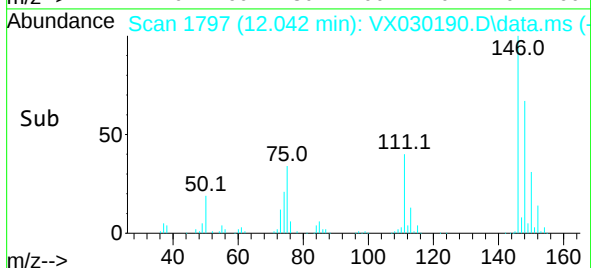
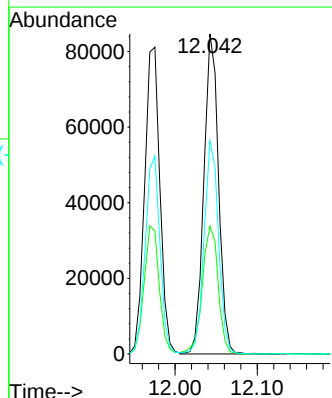
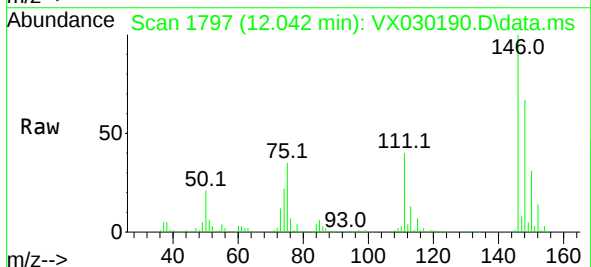
Tgt Ion:146 Resp: 105074

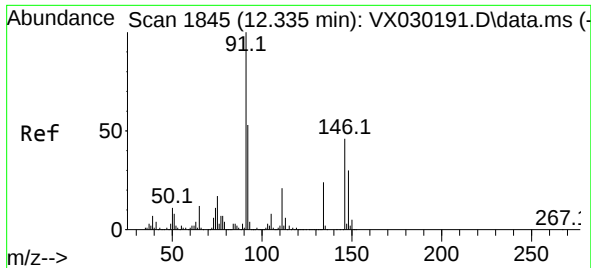
Ion Ratio Lower Upper

146 100

111 43.0 20.3 60.9

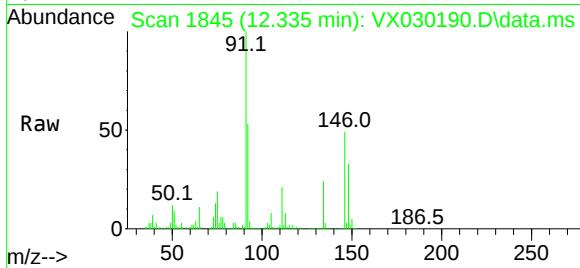
148 65.8 32.3 96.8





#89
n-Butylbenzene
Concen: 20.379 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

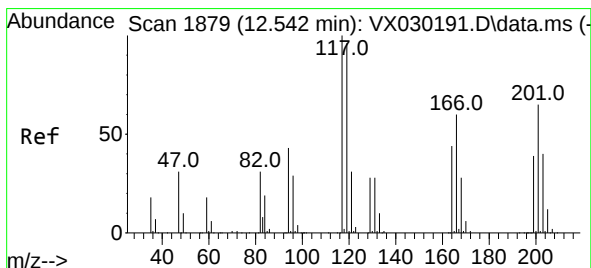
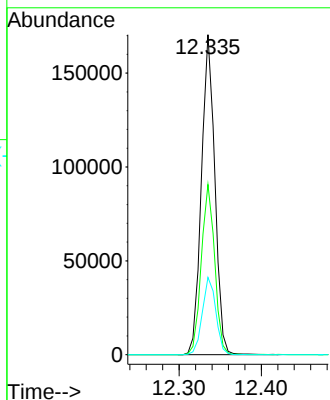
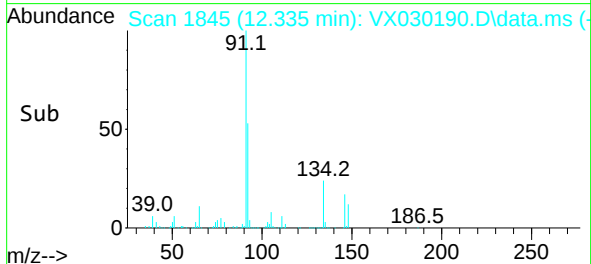
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 193410
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 24.3 12.6 37.8

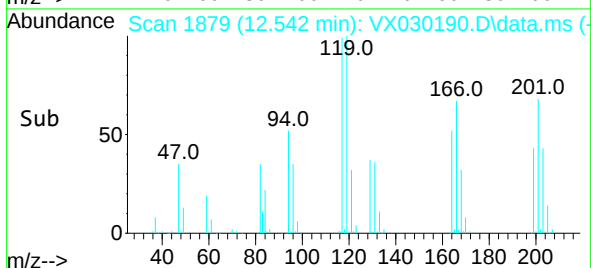
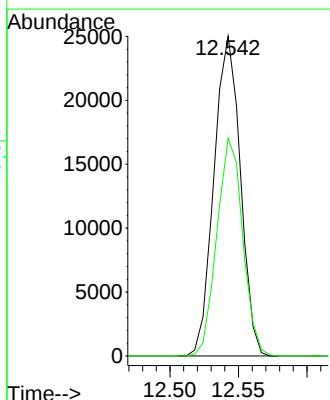
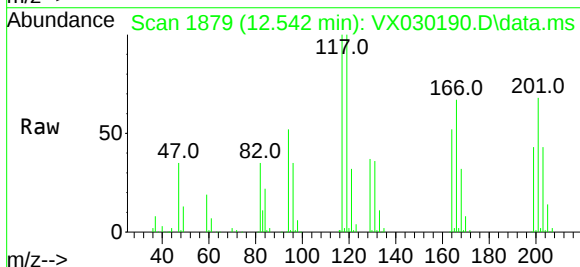
Manual Integrations
APPROVED

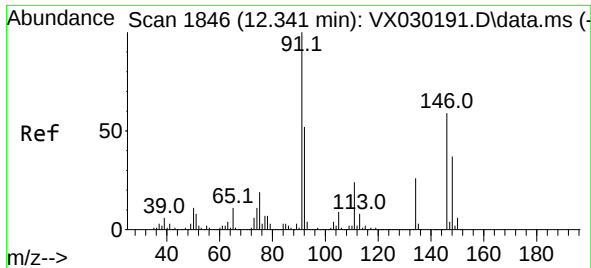
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#90
Hexachloroethane
Concen: 19.018 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

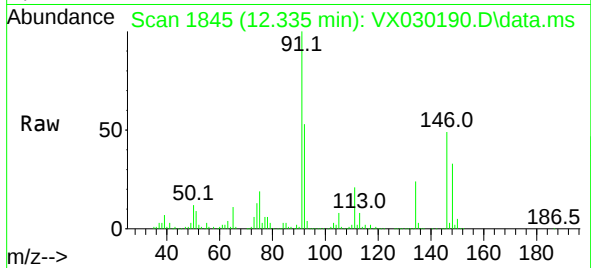
Tgt Ion:117 Resp: 33465
Ion Ratio Lower Upper
117 100
201 66.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 19.816 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

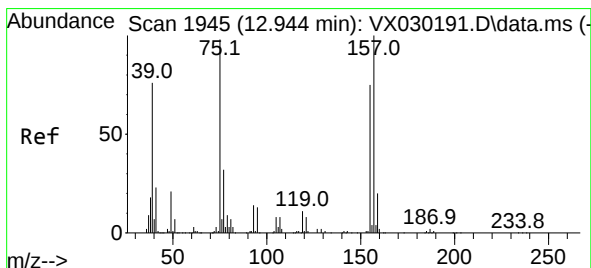
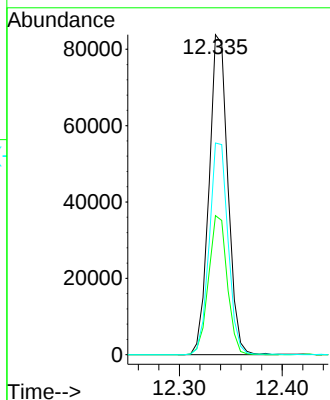
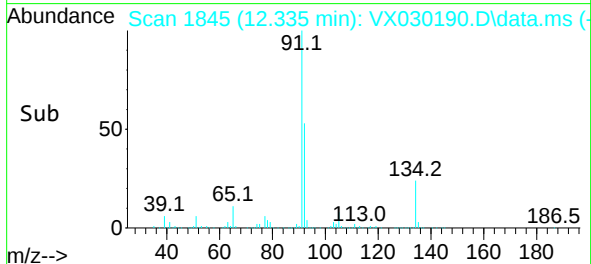
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 106564
Ion Ratio Lower Upper
146 100
111 43.2 20.7 62.1
148 66.1 32.0 96.2

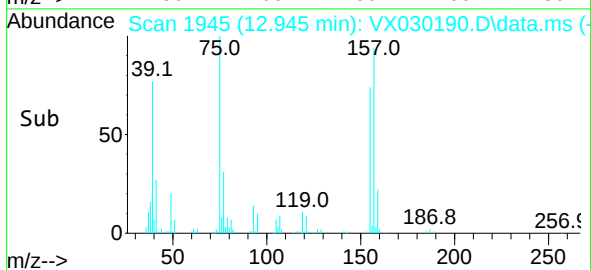
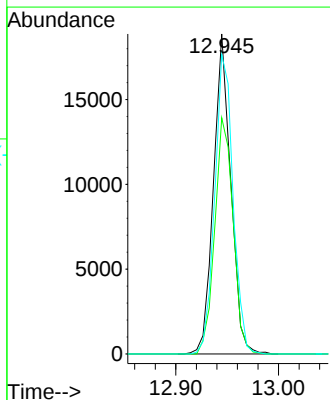
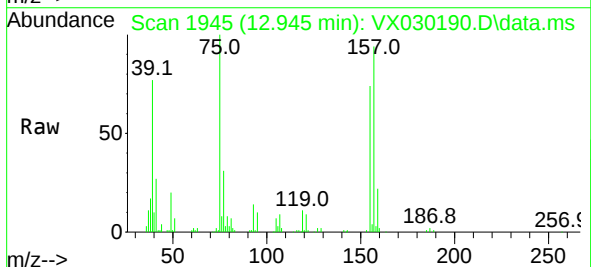
Manual Integrations
APPROVED

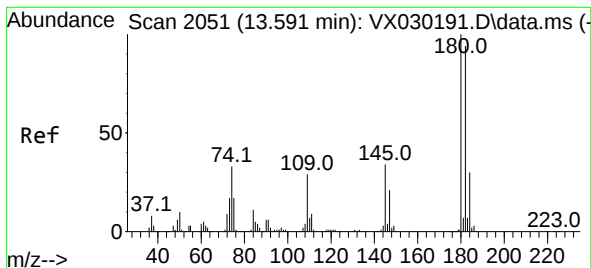
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.471 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

Tgt Ion: 75 Resp: 21968
Ion Ratio Lower Upper
75 100
155 78.2 45.0 134.8
157 99.1 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 19.893 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

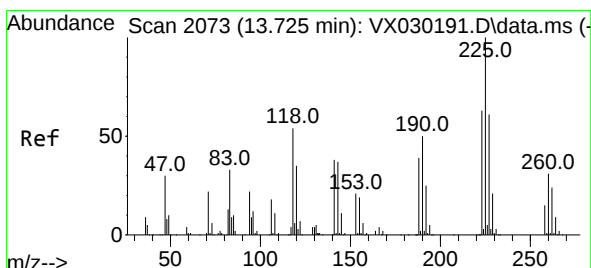
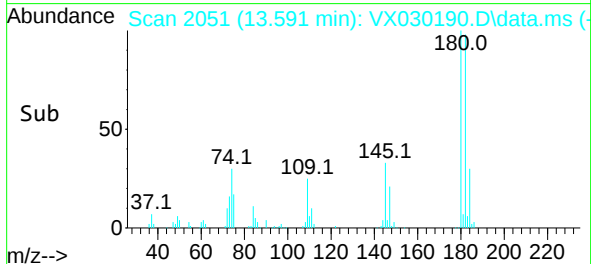
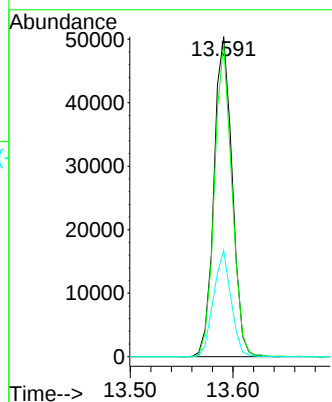
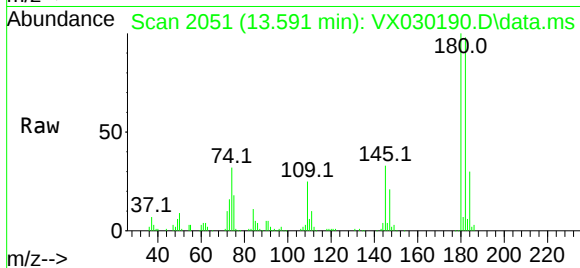
Tgt Ion:180	Resp:	6196	
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.2	144.6
145	32.1	15.9	47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#94

Hexachlorobutadiene

Concen: 19.032 ug/l

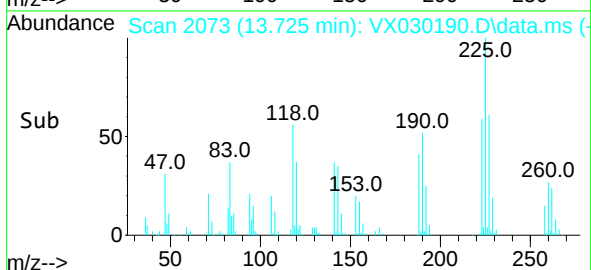
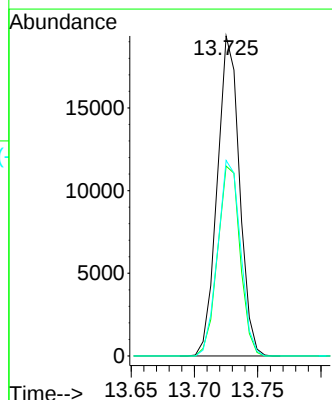
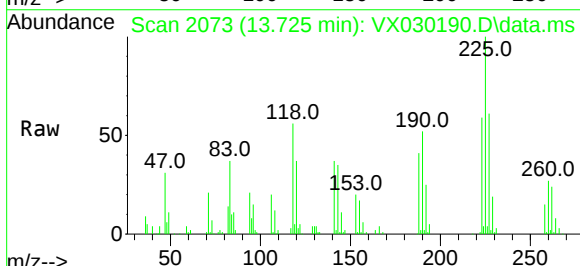
RT: 13.725 min Scan# 2073

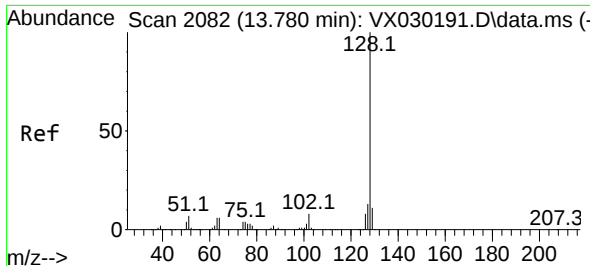
Delta R.T. 0.000 min

Lab File: VX030190.D

Acq: 25 Jul 2022 13:21

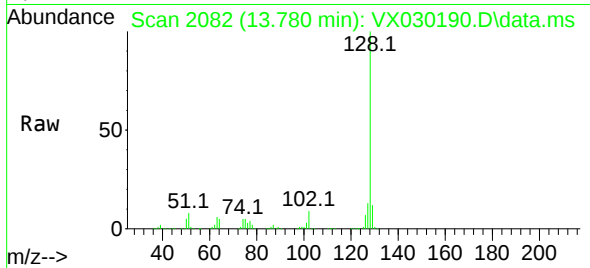
Tgt Ion:225	Resp:	23577	
Ion Ratio	Lower	Upper	
225	100		
223	60.0	30.6	91.6
227	62.6	31.9	95.9





#95
Naphthalene
Concen: 20.551 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21

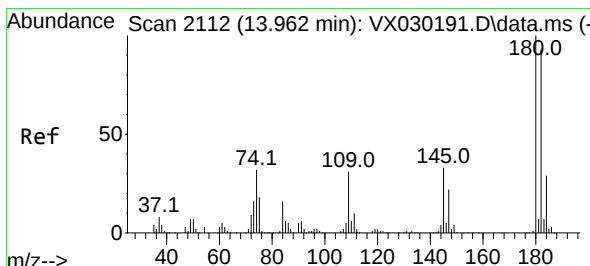
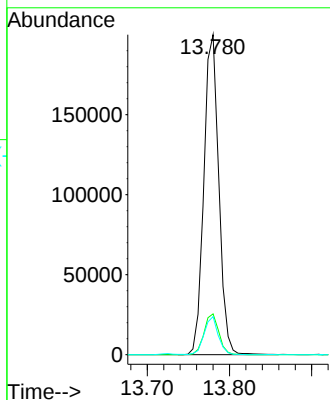
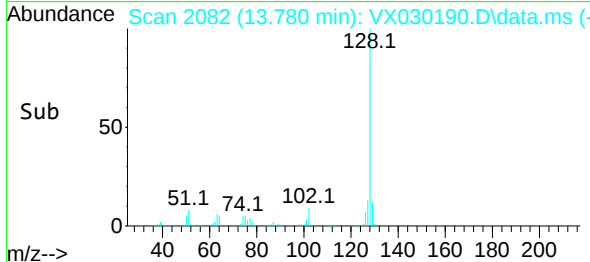
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



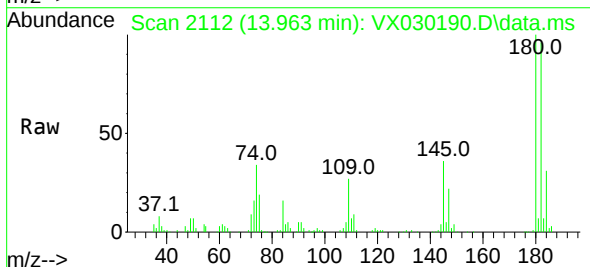
Tgt Ion:128 Resp: 252210
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.997 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030190.D
Acq: 25 Jul 2022 13:21



Tgt Ion:180 Resp: 64374
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.0
145 34.0 17.0 50.9

