

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030194.D
 Acq On : 25 Jul 2022 15:39
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 25 16:15:40 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	5.550	168	167205	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	278535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62645	18.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.380%#		
35) Dibromofluoromethane	5.391	113	51518	19.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.160%#		
50) Toluene-d8	8.653	98	201820	19.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.900%#		
62) 4-Bromofluorobenzene	11.085	95	75067	19.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49972	17.611	ug/l	100
3) Chloromethane	1.288	50	54127	19.945	ug/l	98
4) Vinyl Chloride	1.374	62	53542	19.549	ug/l	97
5) Bromomethane	1.593	94	21586	16.606	ug/l	98
6) Chloroethane	1.672	64	31793	20.444	ug/l	97
7) Trichlorofluoromethane	1.880	101	74354	20.730	ug/l	97
8) Diethyl Ether	2.136	74	28265	20.137	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	54057	20.346	ug/l	99
10) Methyl Iodide	2.447	142	43088	18.057	ug/l	98
11) Tert butyl alcohol	2.977	59	83828	103.125	ug/l	97
12) 1,1-Dichloroethene	2.313	96	53353	20.518	ug/l	95
13) Acrolein	2.239	56	12643	58.948	ug/l	92
14) Allyl chloride	2.660	41	106115	19.773	ug/l	98
15) Acrylonitrile	3.069	53	203266	100.320	ug/l	98
16) Acetone	2.386	43	168935	98.019	ug/l	94
17) Carbon Disulfide	2.508	76	140593	20.058	ug/l	98
18) Methyl Acetate	2.703	43	102748	20.357	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	181071	20.289	ug/l	99
20) Methylene Chloride	2.788	84	64070	16.123	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	59451	20.834	ug/l	96
22) Diisopropyl ether	3.764	45	206506	20.325	ug/l	98
23) Vinyl Acetate	3.721	43	900760	101.908	ug/l	98
24) 1,1-Dichloroethane	3.611	63	110687	20.513	ug/l	98
25) 2-Butanone	4.562	43	292196	101.195	ug/l	98
26) 2,2-Dichloropropane	4.471	77	82182	21.412	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	68451	20.272	ug/l	94
28) Bromochloromethane	4.897	49	42922	18.408	ug/l	94
29) Tetrahydrofuran	5.013	42	191492	98.786	ug/l	97
30) Chloroform	5.099	83	107952	20.240	ug/l	98
31) Cyclohexane	5.477	56	101028	20.818	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	88258	20.339	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78602	20.632	ug/l	97
37) Ethyl Acetate	4.721	43	109727	20.486	ug/l	98
38) Carbon Tetrachloride	5.678	117	72973	20.554	ug/l	94
39) Methylcyclohexane	7.385	83	104896	21.728	ug/l	94
40) Benzene	6.044	78	250763	21.055	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	58862	20.402	ug/l	97
42) 1,2-Dichloroethane	6.086	62	85458	20.719	ug/l	98
43) Isopropyl Acetate	6.342	43	163591	20.792	ug/l	97
44) Trichloroethene	7.129	130	65836	20.202	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65414	20.557	ug/l	98
46) Dibromomethane	7.586	93	44568	20.652	ug/l	95
47) Bromodichloromethane	7.824	83	80660	20.495	ug/l	94
48) Methyl methacrylate	7.696	41	79974	20.617	ug/l	97
49) 1,4-Dioxane	7.665	88	37899	425.321	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	555829	103.801	ug/l	98
52) Toluene	8.720	92	150506	20.701	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	88455	20.980	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96713	20.970	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	64696	20.977	ug/l	98
56) Ethyl methacrylate	9.116	69	102378	20.919	ug/l	95
57) 1,3-Dichloropropane	9.311	76	105739	20.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	235355	94.172	ug/l	98
59) 2-Hexanone	9.433	43	444619	105.699	ug/l	97
60) Dibromochloromethane	9.525	129	59720	20.871	ug/l	97
61) 1,2-Dibromoethane	9.610	107	66996	20.753	ug/l	95
64) Tetrachloroethene	9.275	164	62631	19.687	ug/l	96
65) Chlorobenzene	10.079	112	161992	20.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56188	20.702	ug/l	98
67) Ethyl Benzene	10.195	91	297333	19.095	ug/l	98
68) m/p-Xylenes	10.305	106	229537	42.774	ug/l	95
69) o-Xylene	10.640	106	112955	21.363	ug/l	95
70) Styrene	10.659	104	190412	21.940	ug/l	98
71) Bromoform	10.805	173	40970	20.595	ug/l #	99
73) Isopropylbenzene	10.963	105	289289	20.708	ug/l	100
74) N-amyl acetate	10.848	43	141107	20.848	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104587	20.529	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98226m	19.541	ug/l	
77) Bromobenzene	11.201	156	66944	20.419	ug/l	94
78) n-propylbenzene	11.305	91	347535	20.925	ug/l	100
79) 2-Chlorotoluene	11.366	91	210549	20.047	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	248241	21.296	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32061	20.464	ug/l	90
82) 4-Chlorotoluene	11.457	91	240114	20.971	ug/l	98
83) tert-Butylbenzene	11.719	119	229103	21.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	248271	21.267	ug/l	98
85) sec-Butylbenzene	11.890	105	313317	21.093	ug/l	100
86) p-Isopropyltoluene	12.012	119	255694	21.539	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131000	20.611	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	132609	20.756	ug/l	99
89) n-Butylbenzene	12.335	91	239560	21.727	ug/l	99
90) Hexachloroethane	12.542	117	41003	20.057	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	131730	21.085	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24358	19.537	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	77100	21.305	ug/l	97
94) Hexachlorobutadiene	13.725	225	31102	21.610	ug/l	97
95) Naphthalene	13.780	128	298244	20.917	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76603	20.483	ug/l	98

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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



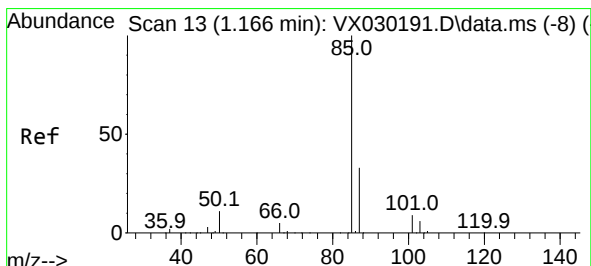
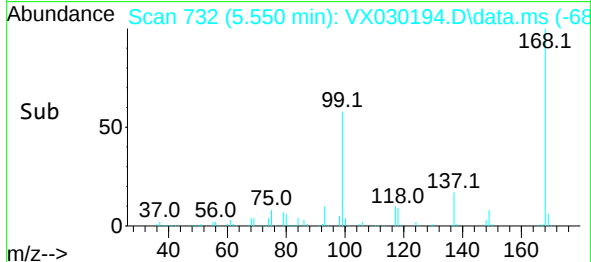
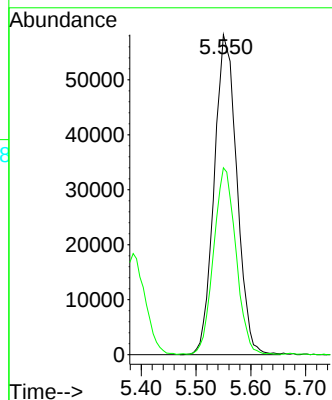
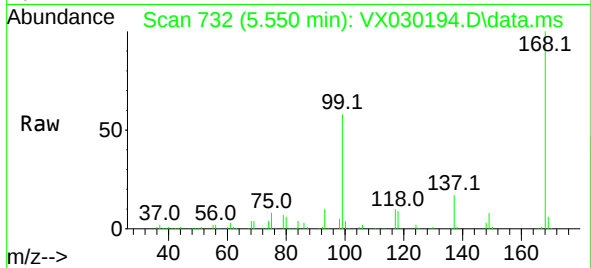
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 16720
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0

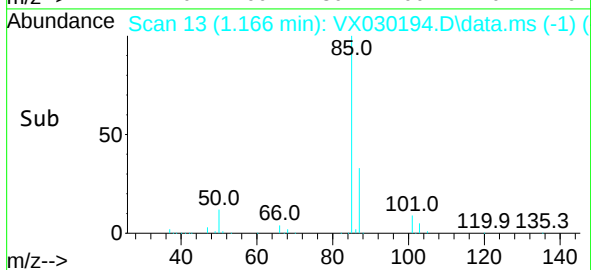
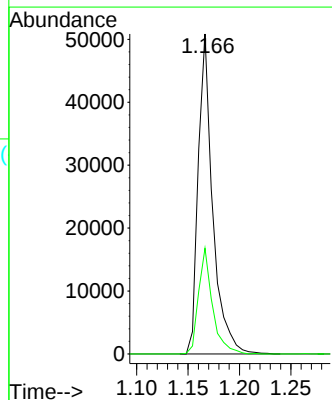
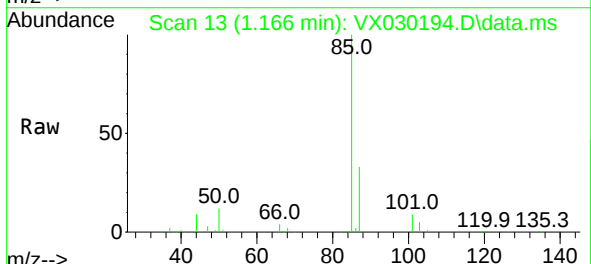
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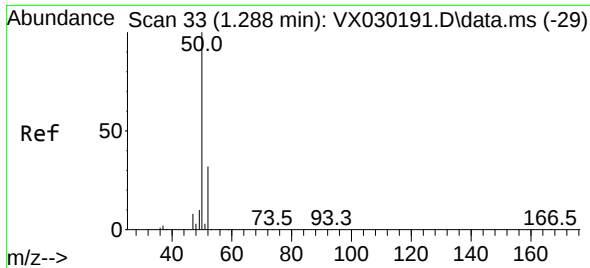
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#2
Dichlorodifluoromethane
Concen: 17.611 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

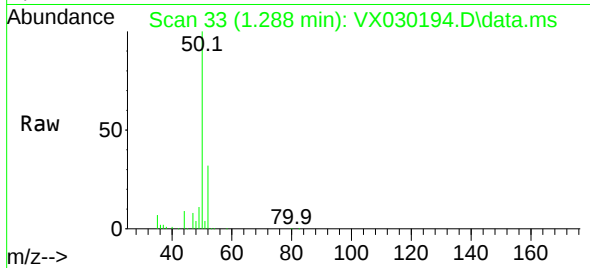
Tgt Ion: 85 Resp: 49972
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





#3
Chloromethane
Concen: 19.945 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

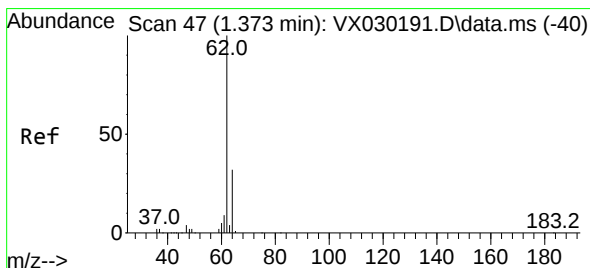
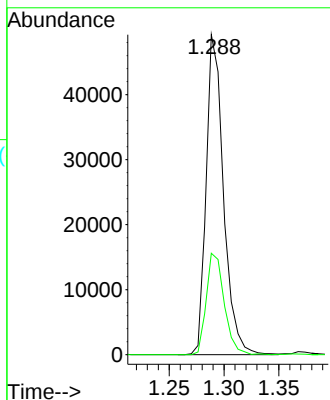
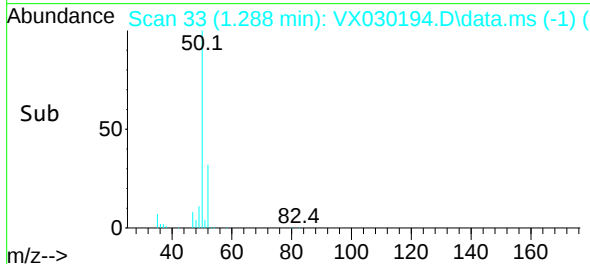
Instrument :
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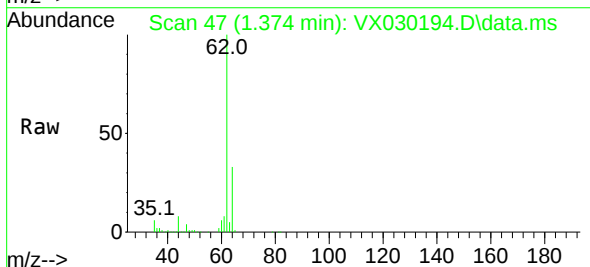
Tgt Ion: 50 Resp: 5412
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

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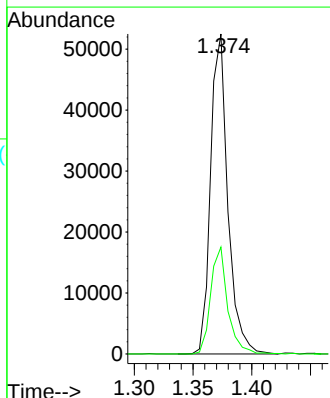
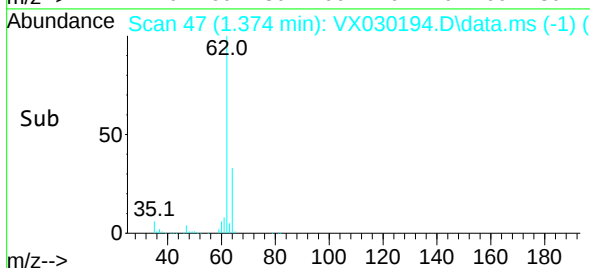
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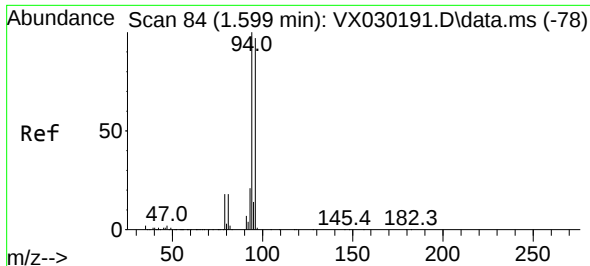


#4
Vinyl Chloride
Concen: 19.549 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



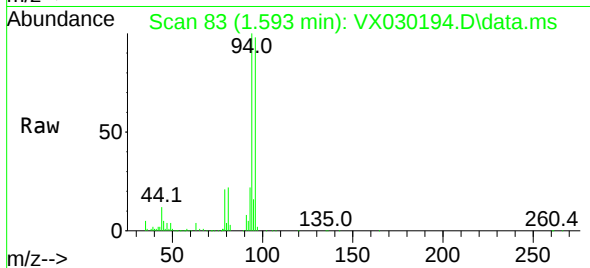
Tgt Ion: 62 Resp: 53542
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





#5
Bromomethane
Concen: 16.606 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

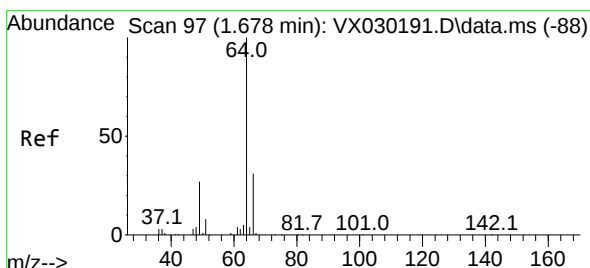
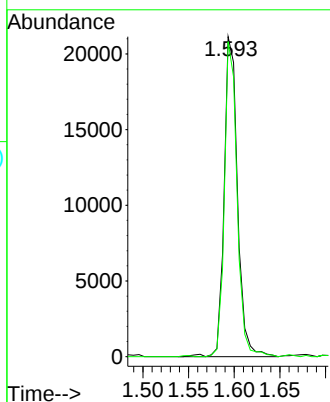
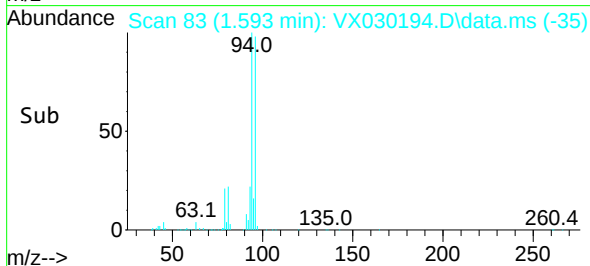
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



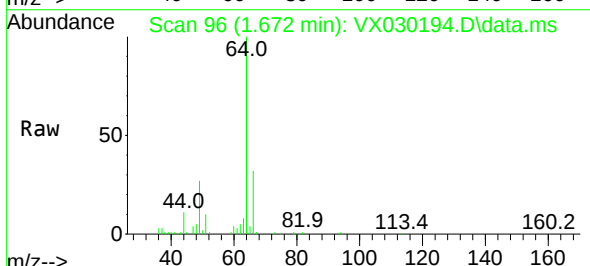
Tgt Ion: 94 Resp: 21580
Ion Ratio Lower Upper
94 100
96 98.4 76.9 115.3

Manual Integrations
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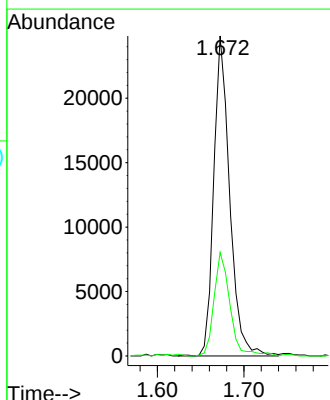
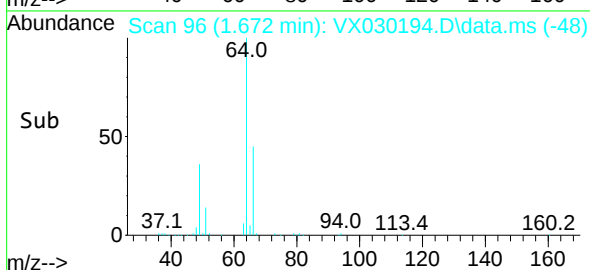
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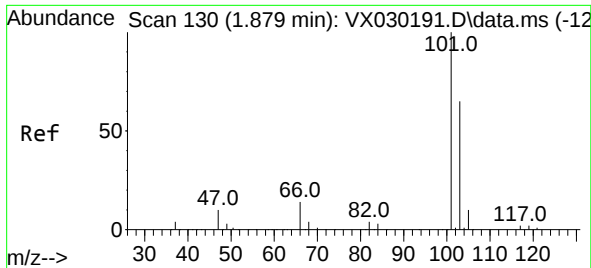


#6
Chloroethane
Concen: 20.444 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion: 64 Resp: 31793
Ion Ratio Lower Upper
64 100
66 32.4 27.2 40.8





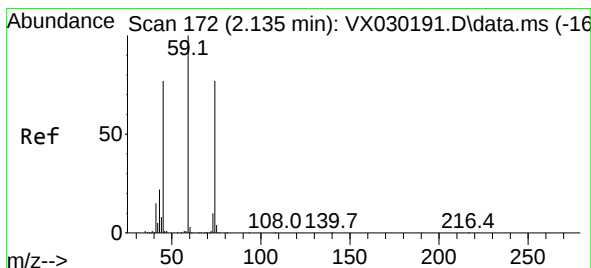
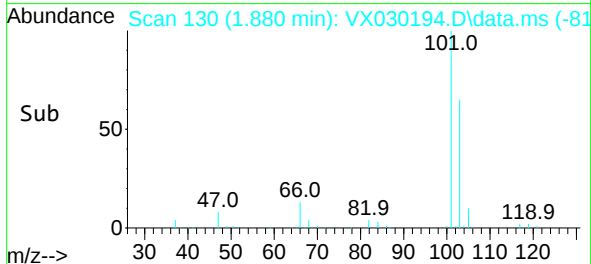
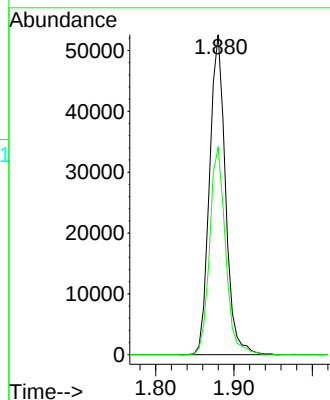
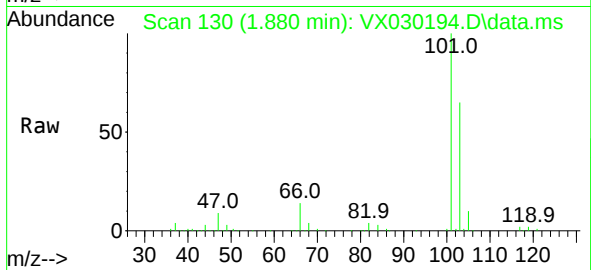
#7
Trichlorofluoromethane
Concen: 20.730 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030194.D
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Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 74354
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5

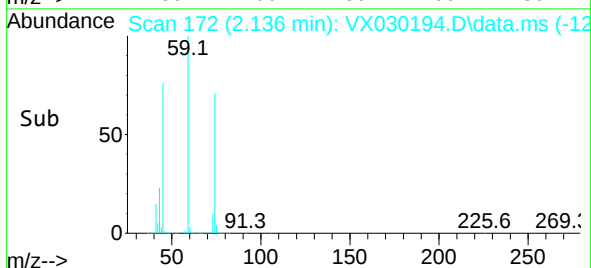
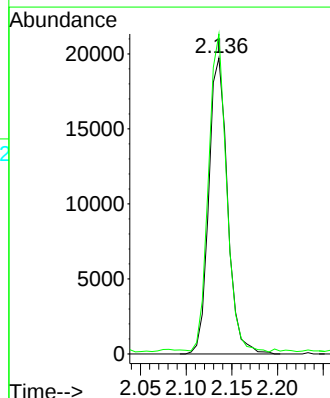
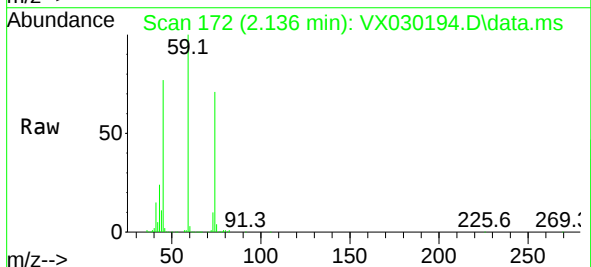
Manual Integrations
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#8
Diethyl Ether
Concen: 20.137 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 74 Resp: 28265
Ion Ratio Lower Upper
74 100
45 103.7 51.5 154.7





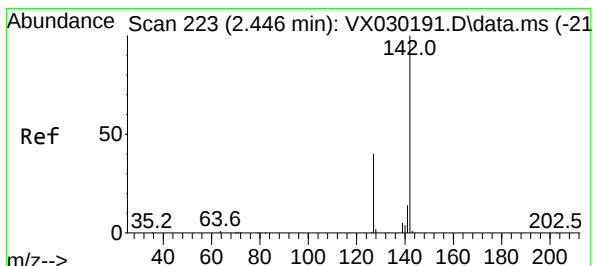
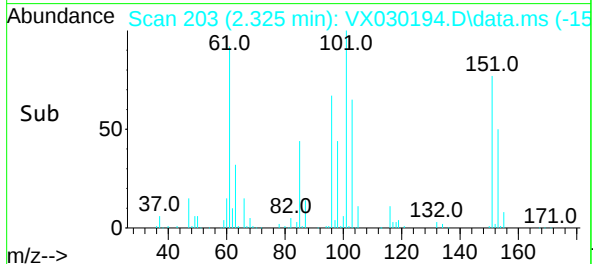
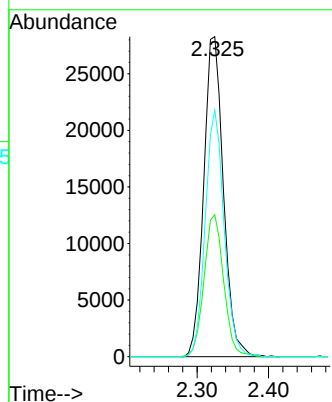
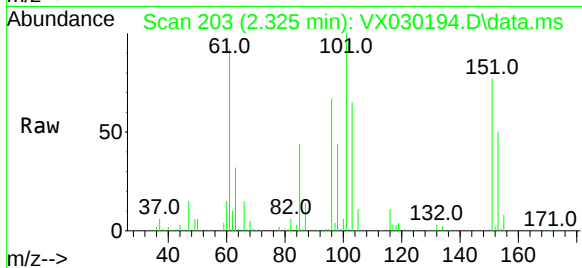
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1,1,2-Trichlorotrifluoroethane
Concen: 20.346 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX030194.D
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Instrument :
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Tgt Ion:101 Resp: 5405
Ion Ratio Lower Upper
101 100
85 44.2 34.0 51.0
151 73.9 59.4 89.0

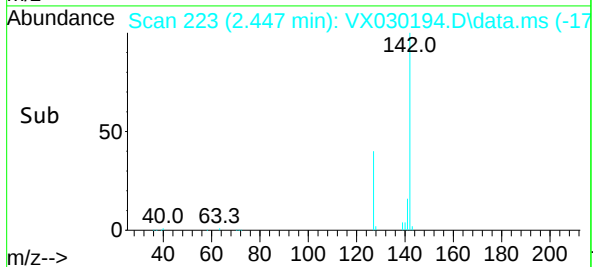
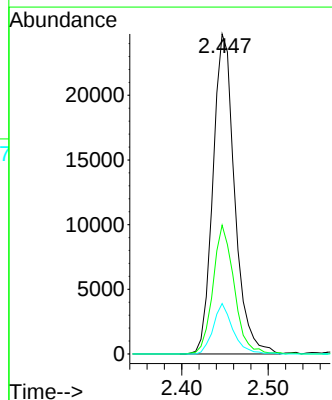
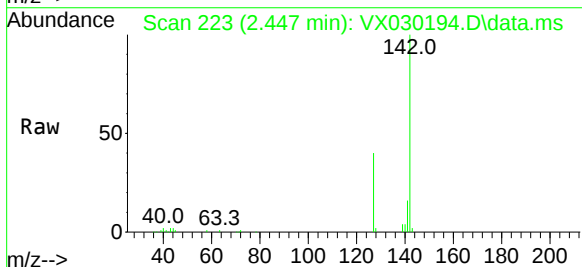
Manual Integrations
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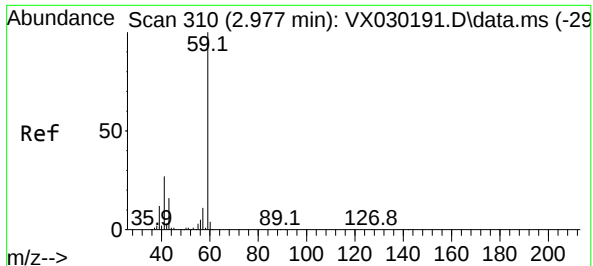
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#10
Methyl Iodide
Concen: 18.057 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

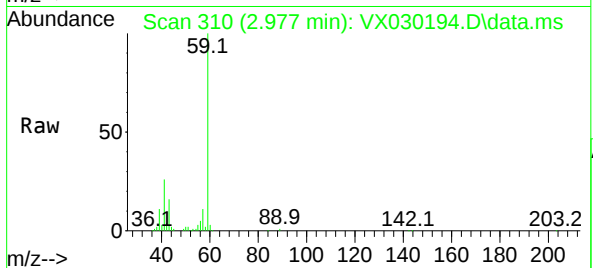
Tgt Ion:142 Resp: 43088
Ion Ratio Lower Upper
142 100
127 39.5 30.2 45.2
141 14.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 103.125 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

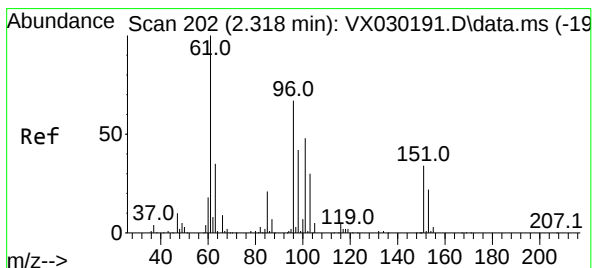
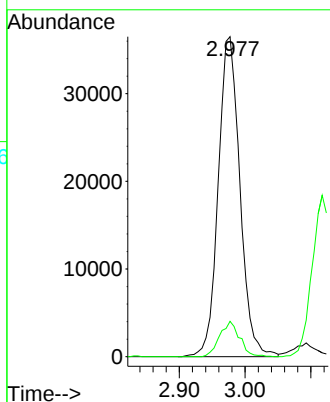
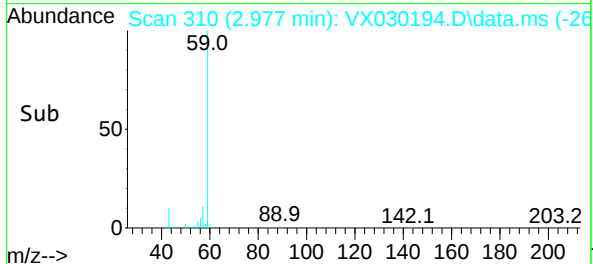
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



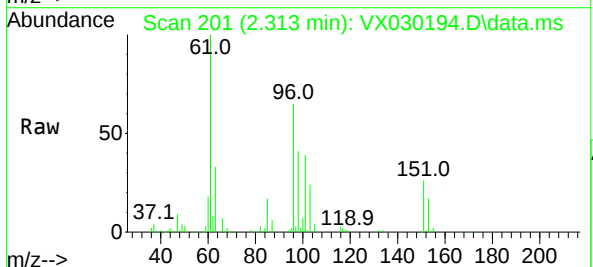
Tgt Ion: 59 Resp: 83828
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.2

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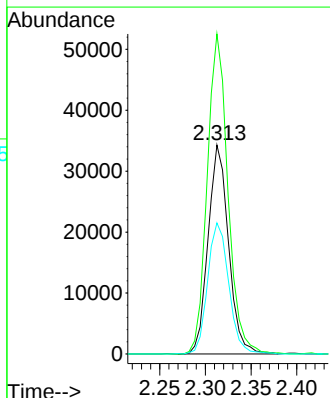
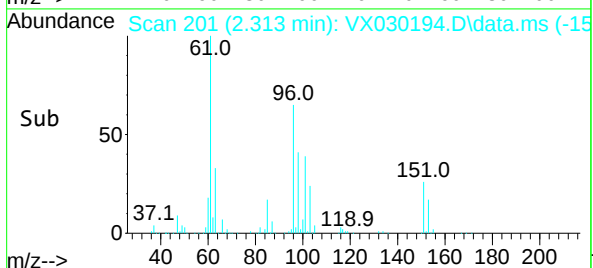
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

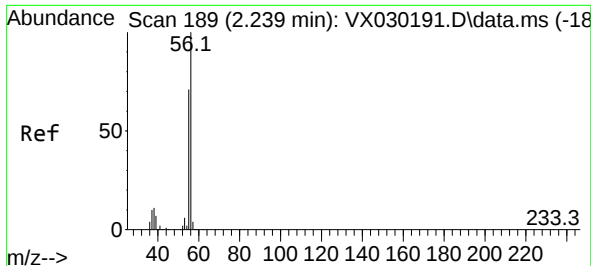


#12
1,1-Dichloroethene
Concen: 20.518 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion: 96 Resp: 53353
Ion Ratio Lower Upper
96 100
61 153.1 117.4 176.0
98 62.7 52.2 78.4





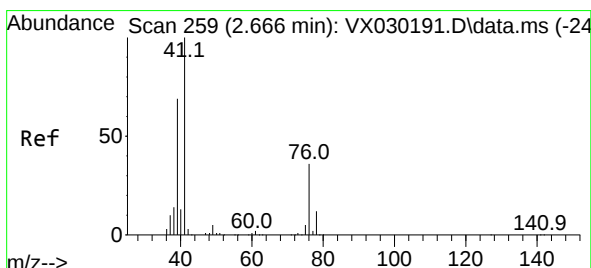
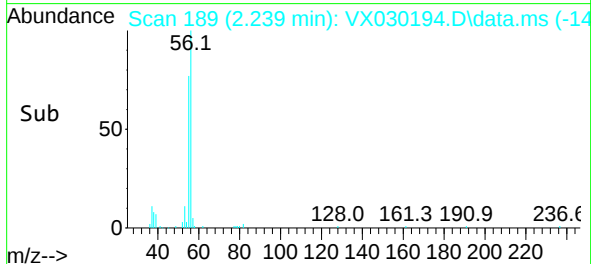
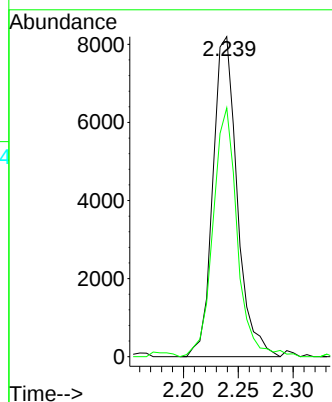
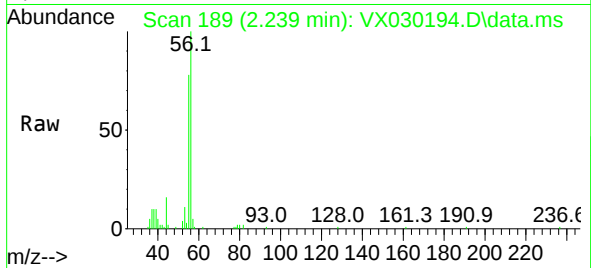
#13
Acrolein
Concen: 58.948 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 1264
Ion Ratio Lower Upper
56 100
55 77.3 56.6 84.8

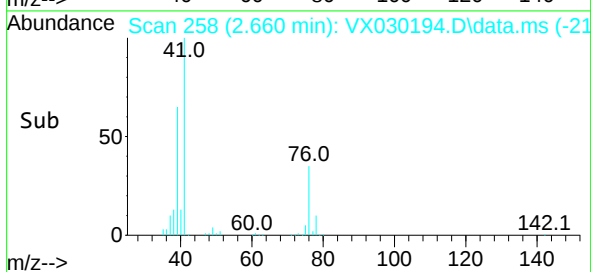
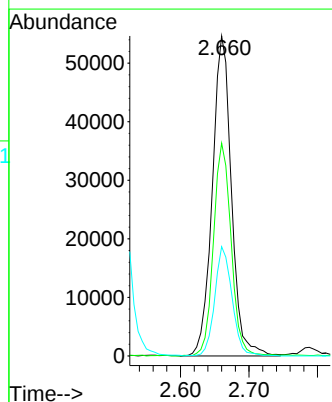
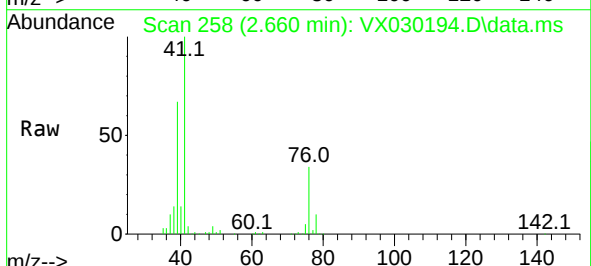
Manual Integrations
APPROVED

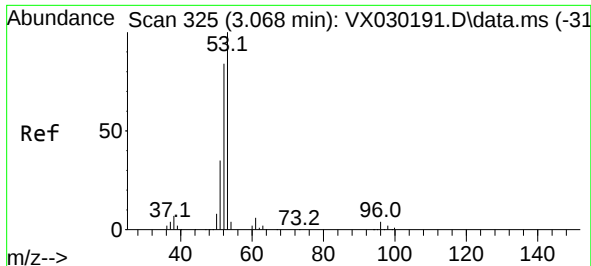
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#14
Allyl chloride
Concen: 19.773 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

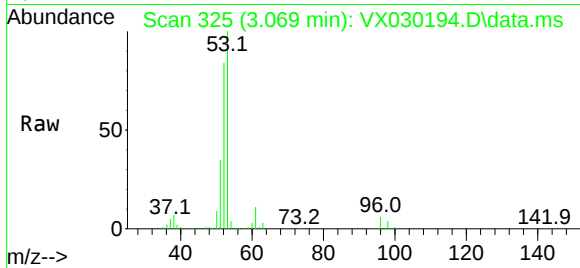
Tgt Ion: 41 Resp: 106115
Ion Ratio Lower Upper
41 100
39 61.5 48.9 73.3
76 31.0 26.9 40.3





#15
Acrylonitrile
Concen: 100.320 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

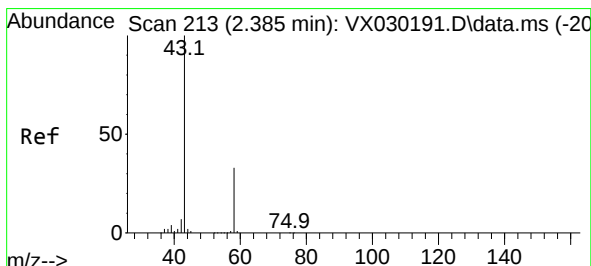
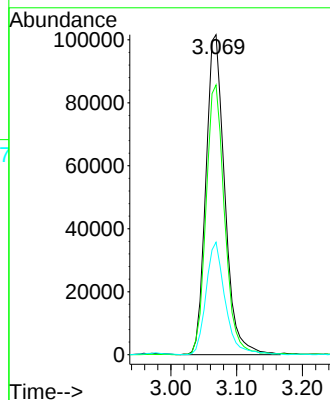
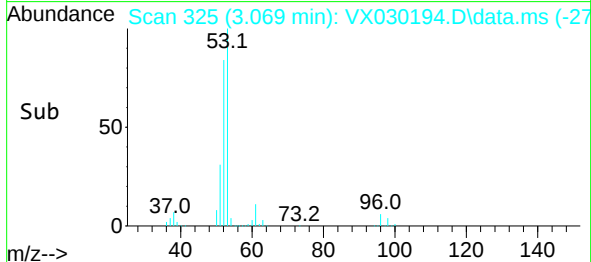
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 203260
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 35.7 27.7 41.5

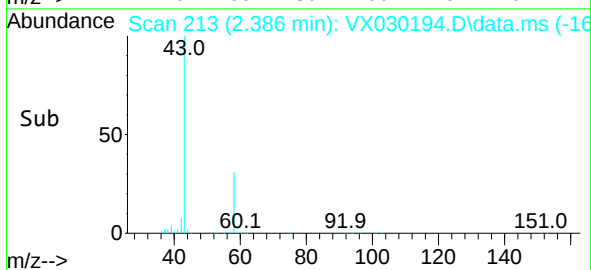
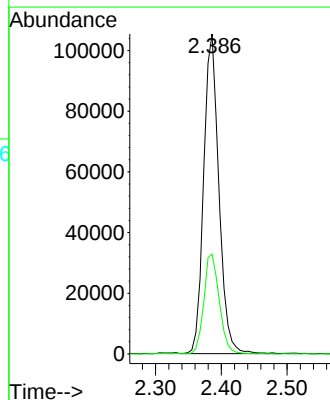
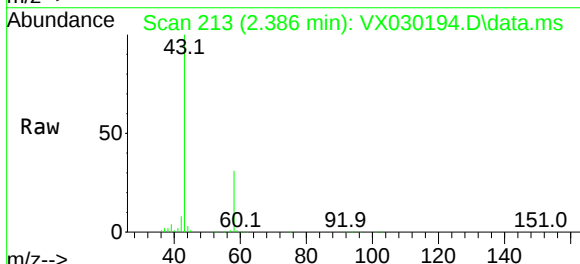
Manual Integrations
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Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#16
Acetone
Concen: 98.019 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 43 Resp: 168935
Ion Ratio Lower Upper
43 100
58 31.3 27.7 41.5





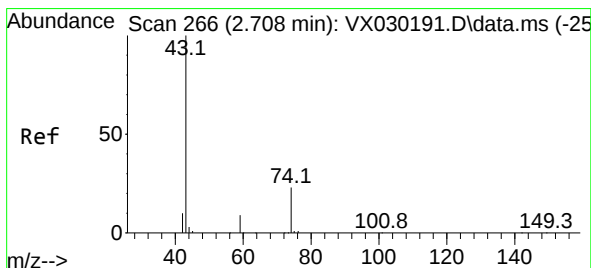
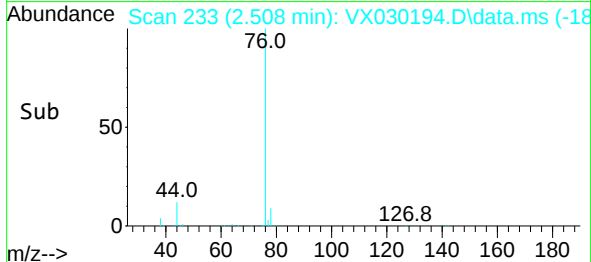
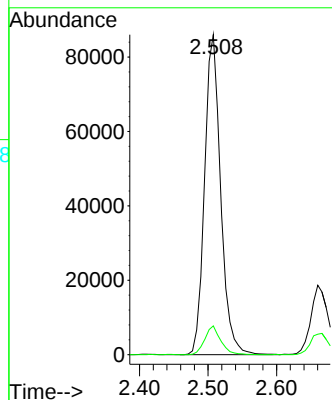
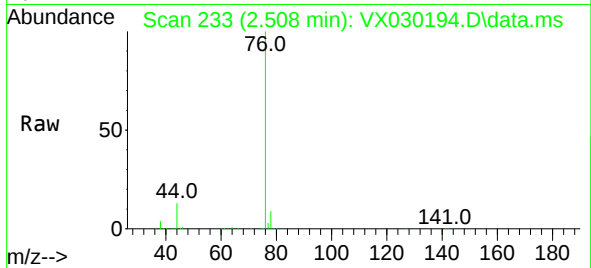
#17
Carbon Disulfide
Concen: 20.058 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 14059
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

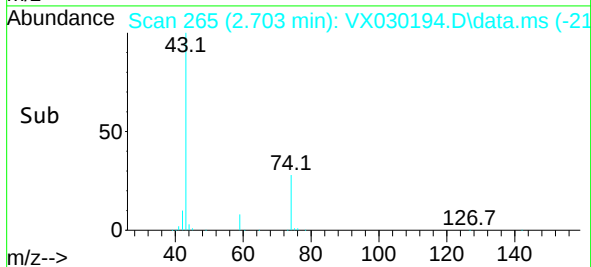
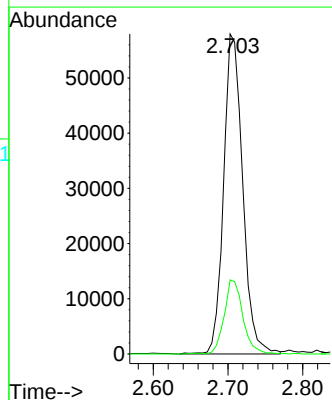
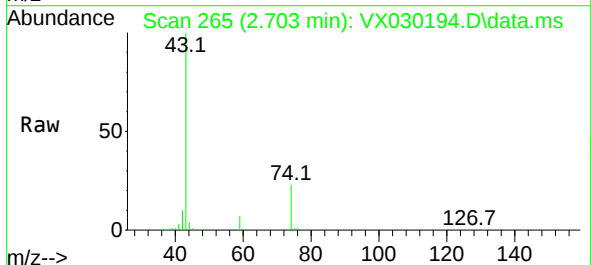
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Supervised By :Mahesh Dadoda 07/26/2022



#18
Methyl Acetate
Concen: 20.357 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 43 Resp: 102748
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2





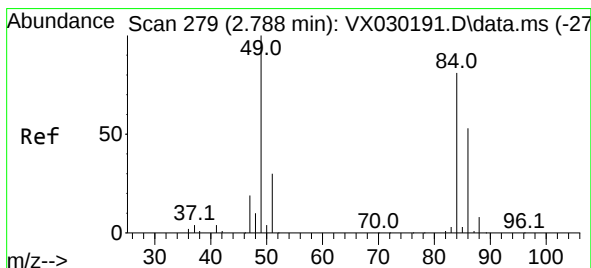
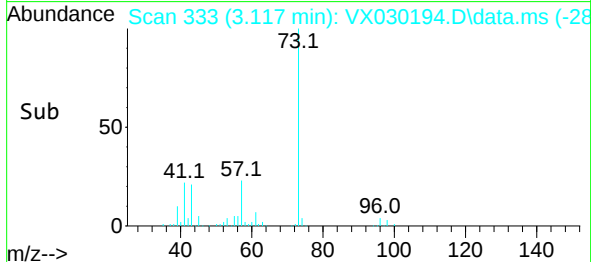
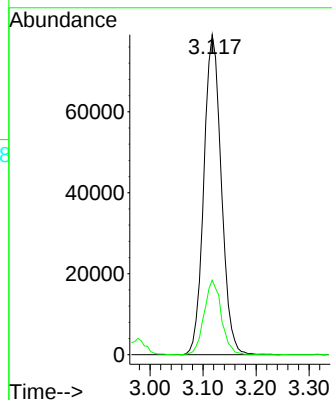
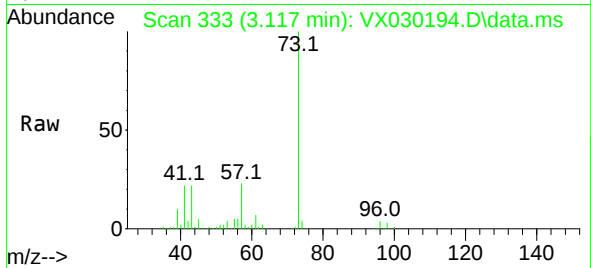
#19
Methyl tert-butyl Ether
Concen: 20.289 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 18107
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6

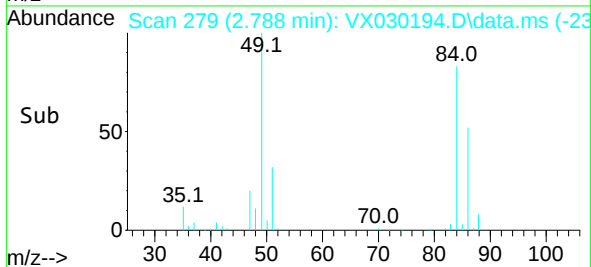
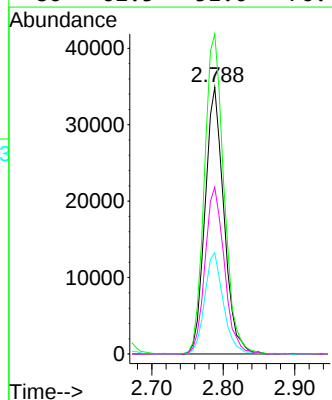
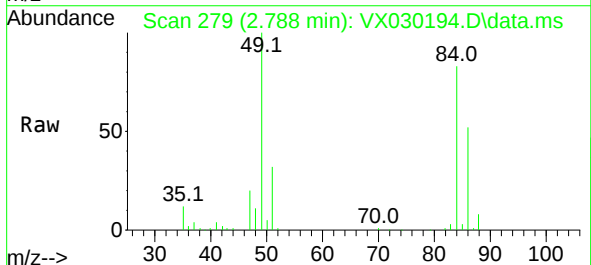
Manual Integrations
APPROVED

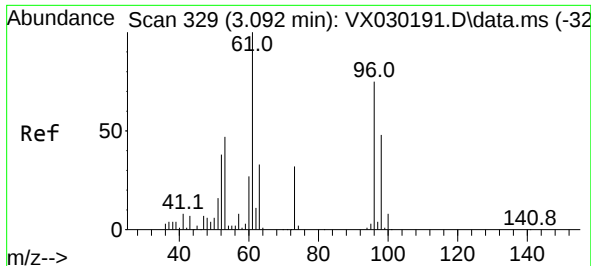
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#20
Methylene Chloride
Concen: 16.123 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 84 Resp: 64070
Ion Ratio Lower Upper
84 100
49 120.0 93.8 140.6
51 38.0 29.4 44.0
86 62.5 51.0 76.4





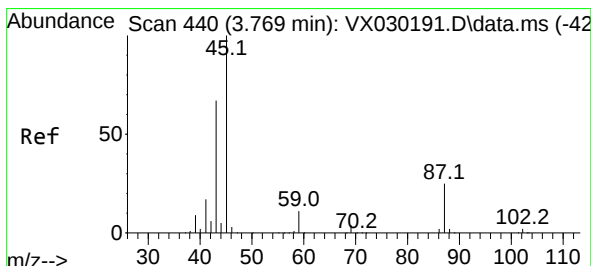
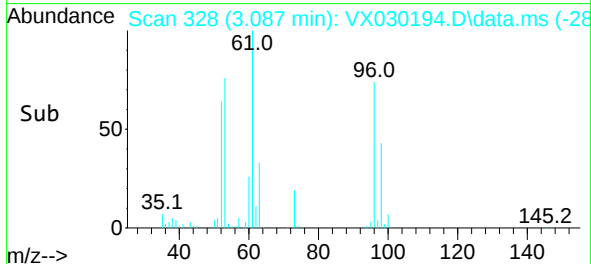
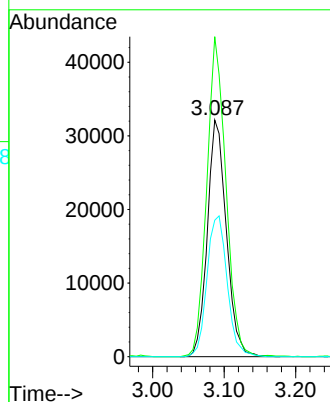
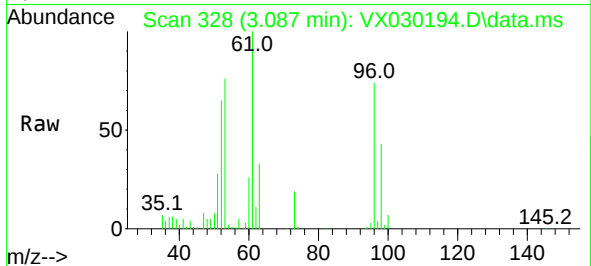
#21
trans-1,2-Dichloroethene
Concen: 20.834 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 5945
Ion Ratio Lower Upper
96 100
61 135.2 105.6 158.4
98 57.7 50.1 75.1

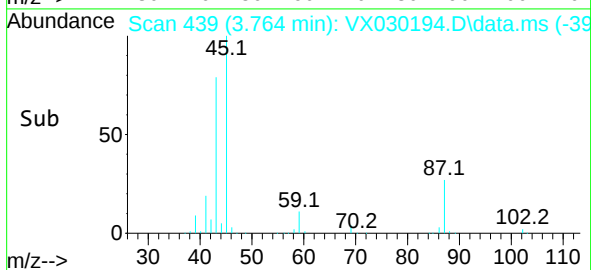
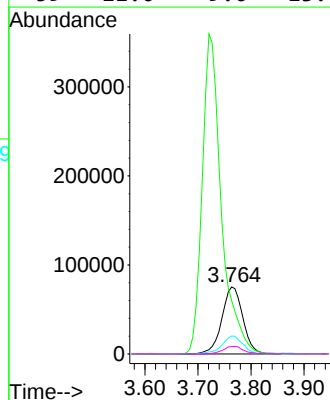
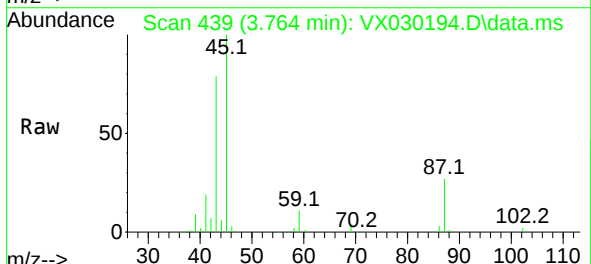
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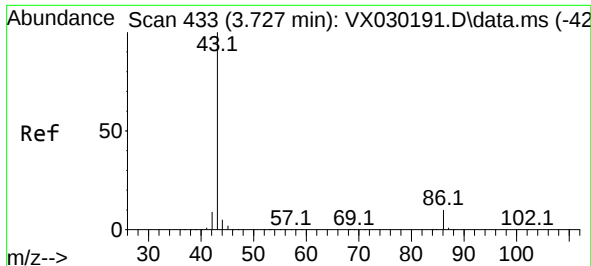
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#22
Diisopropyl ether
Concen: 20.325 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

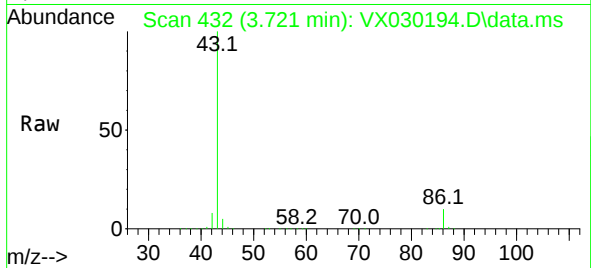
Tgt Ion: 45 Resp: 206506
Ion Ratio Lower Upper
45 100
43 79.2 65.4 98.0
87 26.9 22.3 33.5
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 101.908 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030194.D
 Acq: 25 Jul 2022 15:39

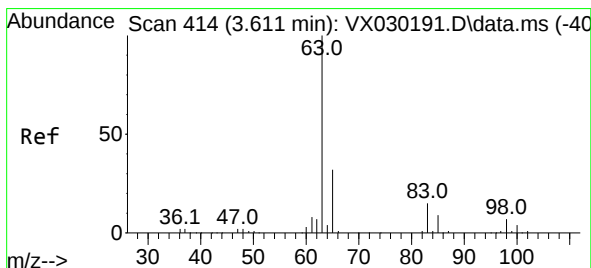
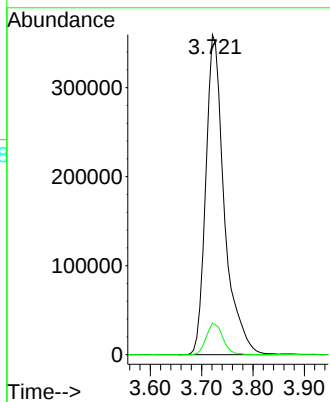
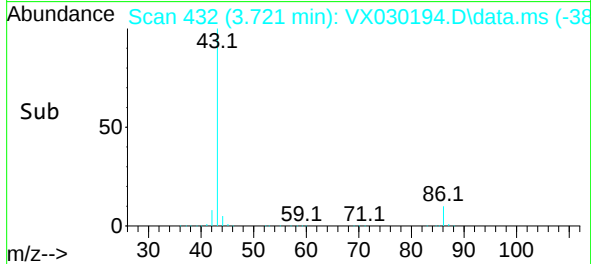
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



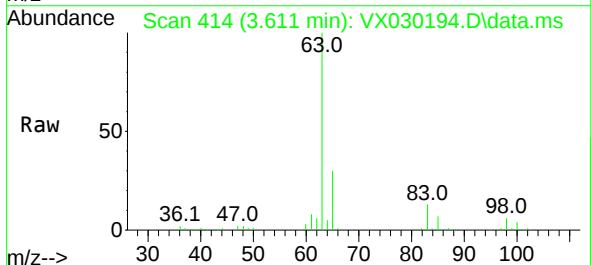
Tgt Ion: 43 Resp: 900760
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

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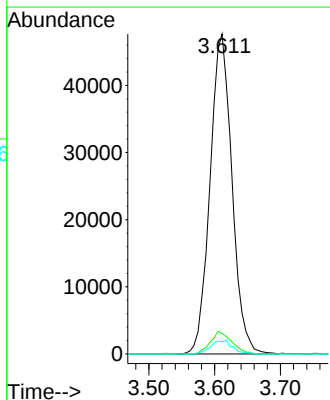
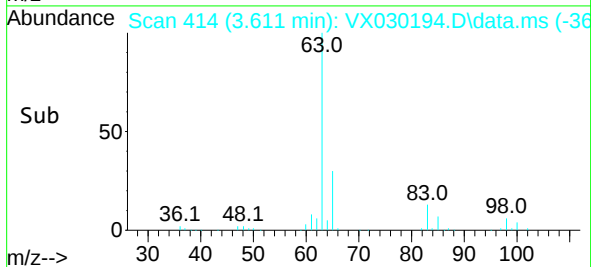
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

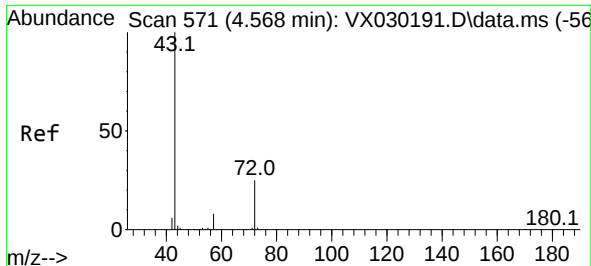


#24
 1,1-Dichloroethane
 Concen: 20.513 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030194.D
 Acq: 25 Jul 2022 15:39



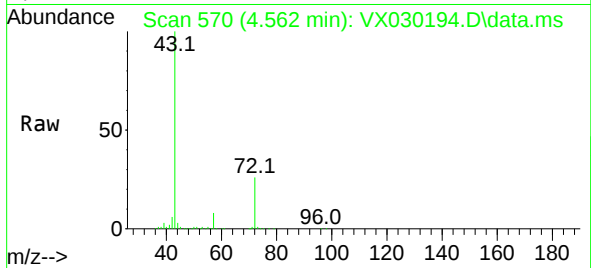
Tgt Ion: 63 Resp: 110687
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 3.8 2.3 6.9





#25
2-Butanone
Concen: 101.195 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

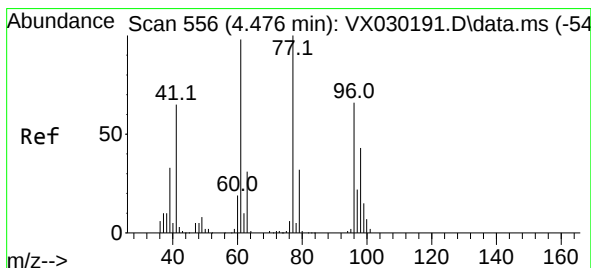
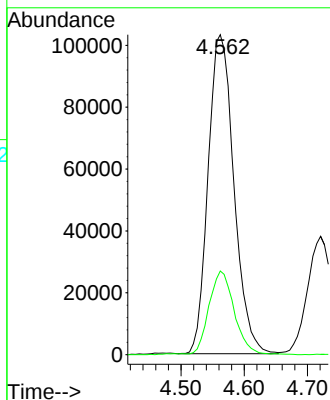
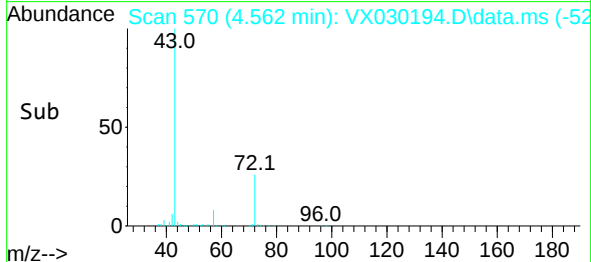
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 292190
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5

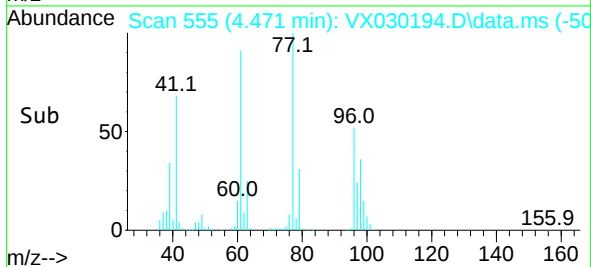
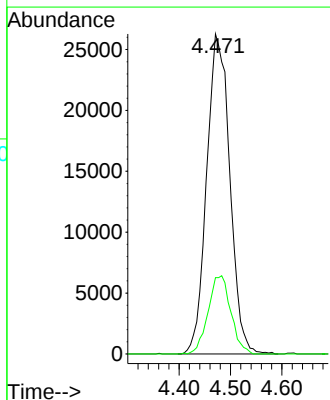
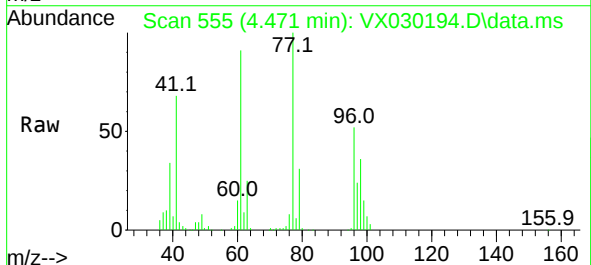
Manual Integrations
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Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
2,2-Dichloropropane
Concen: 21.412 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 77 Resp: 82182
Ion Ratio Lower Upper
77 100
97 24.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 20.272 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 6845

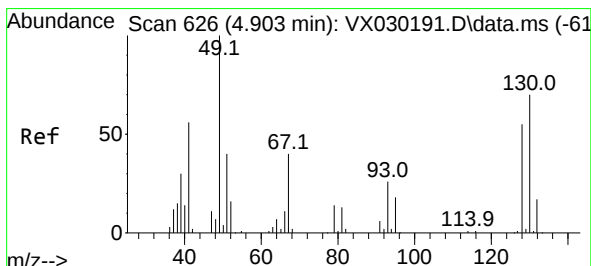
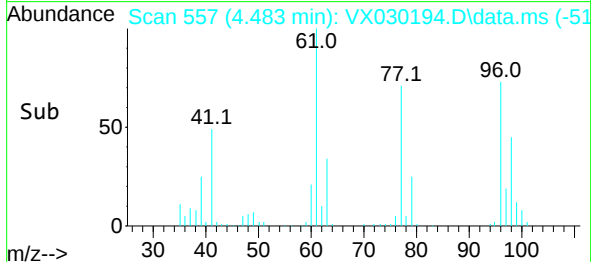
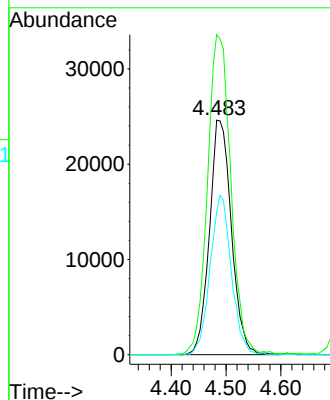
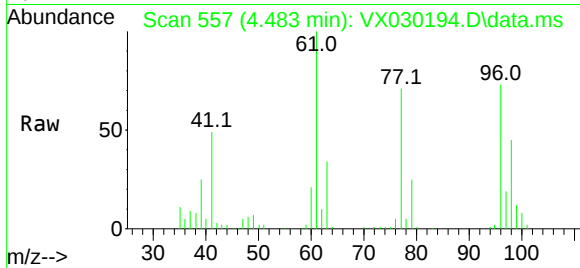
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	270.0
98	65.5	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#28

Bromochloromethane

Concen: 18.408 ug/l

RT: 4.897 min Scan# 625

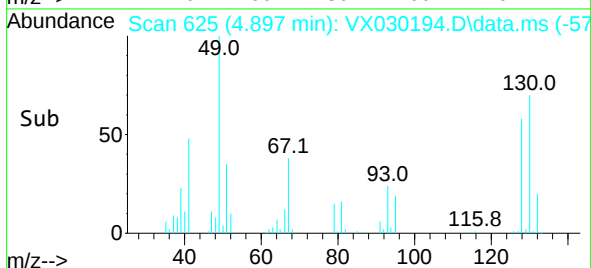
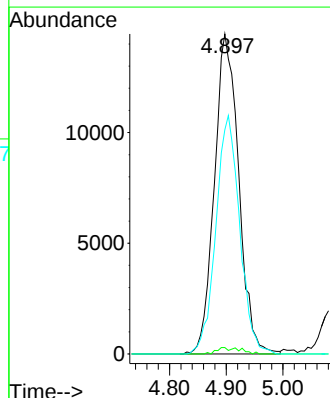
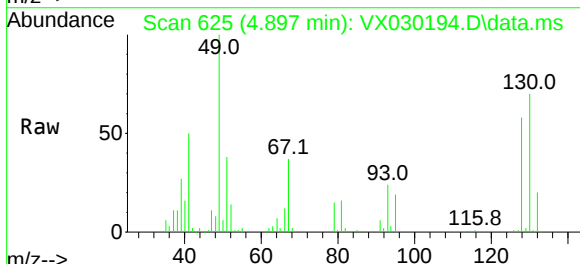
Delta R.T. -0.006 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Tgt Ion: 49 Resp: 42922

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	73.2	62.8	94.2





#29

Tetrahydrofuran

Concen: 98.786 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

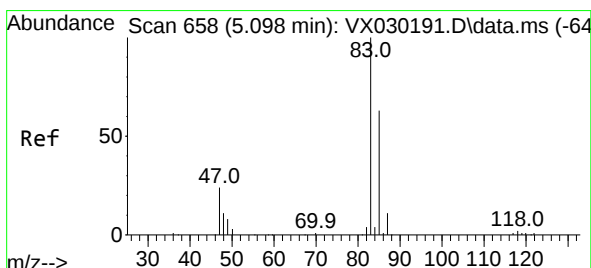
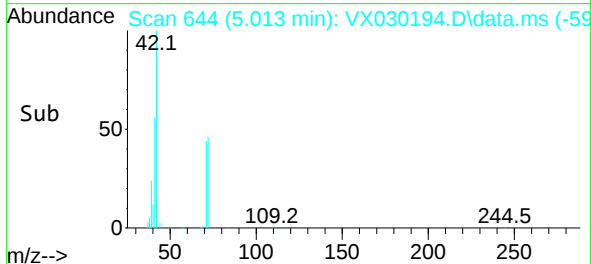
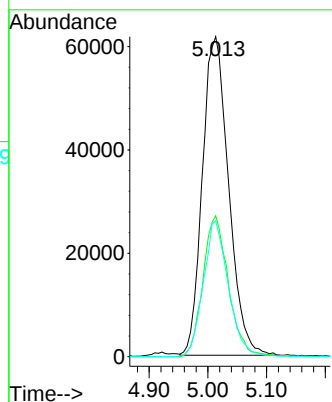
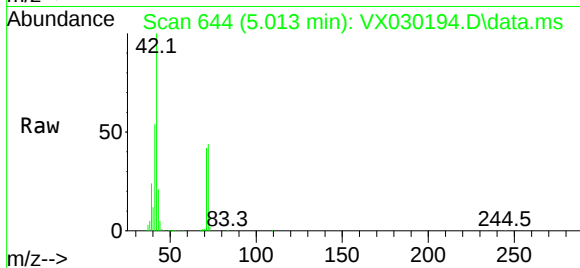
Tgt Ion:	42	Resp:	191492
Ion Ratio	Lower	Upper	
42	100		
72	43.0	36.5	54.7
71	40.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#30

Chloroform

Concen: 20.240 ug/l

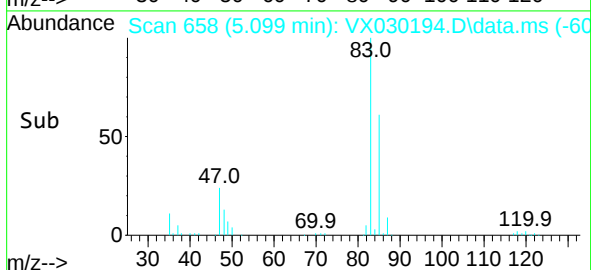
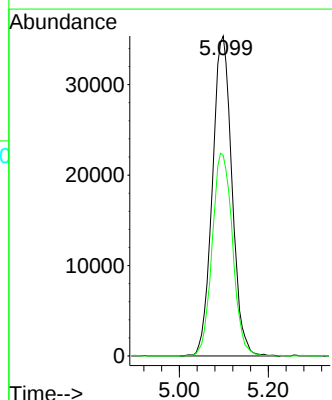
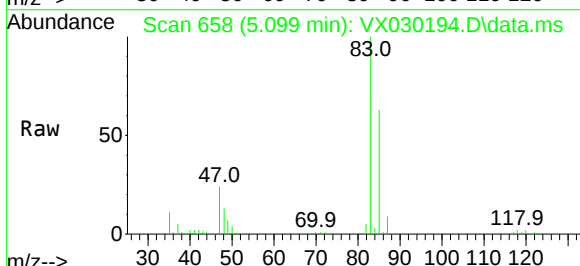
RT: 5.099 min Scan# 658

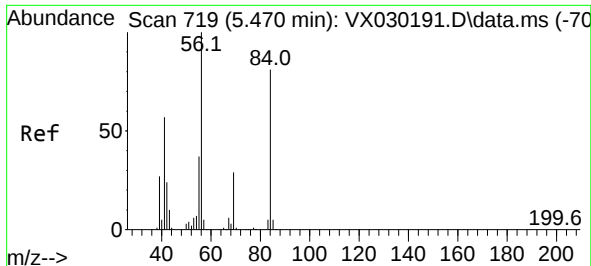
Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

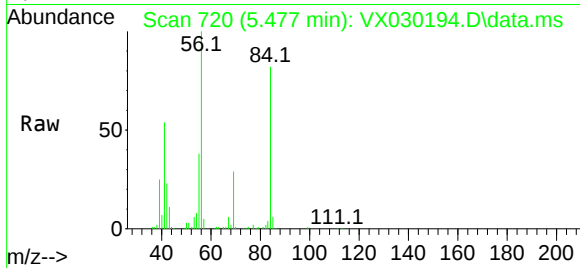
Tgt Ion:	83	Resp:	107952
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.5	77.3





#31
Cyclohexane
Concen: 20.818 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

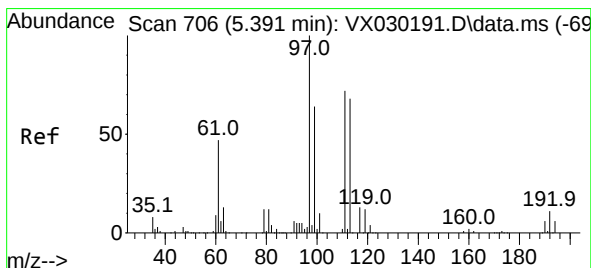
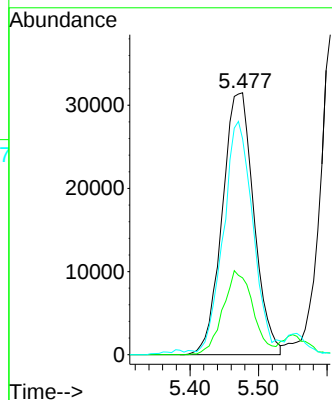
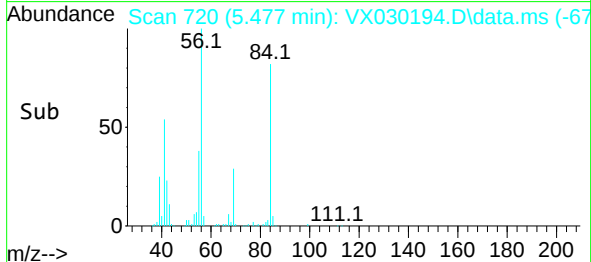
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



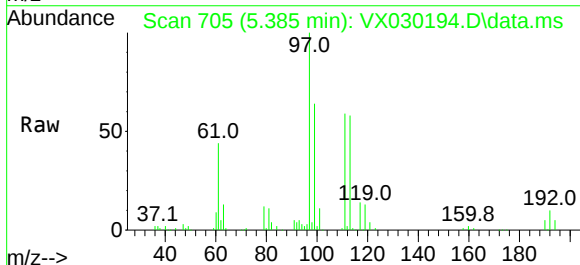
Tgt Ion: 56 Resp: 101028
Ion Ratio Lower Upper
56 100
69 29.3 25.4 38.0
84 80.7 68.9 103.3

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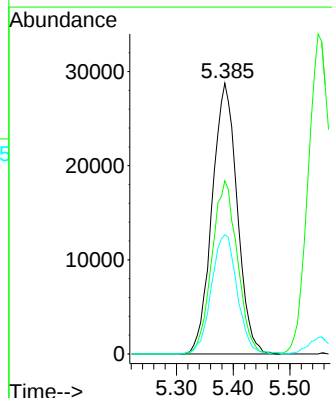
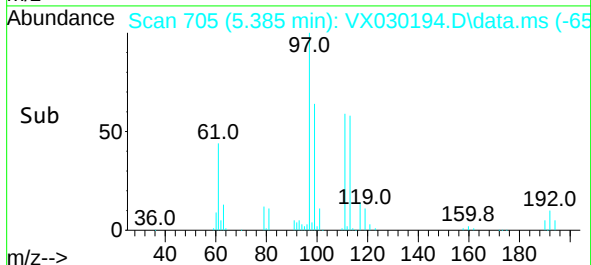
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

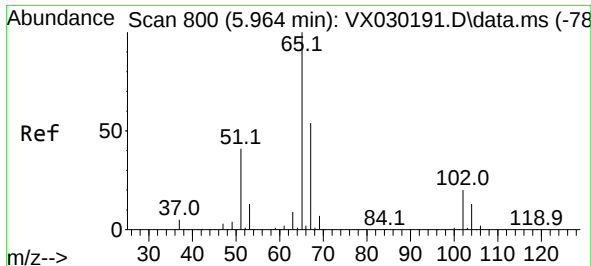


#32
1,1,1-Trichloroethane
Concen: 20.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion: 97 Resp: 88258
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 45.3 35.8 53.8





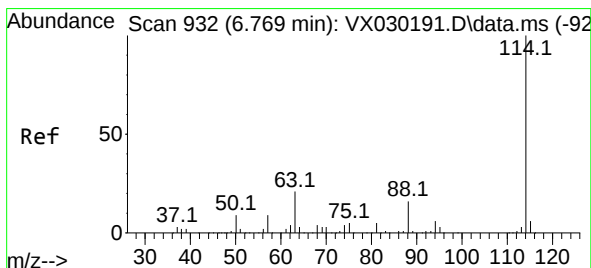
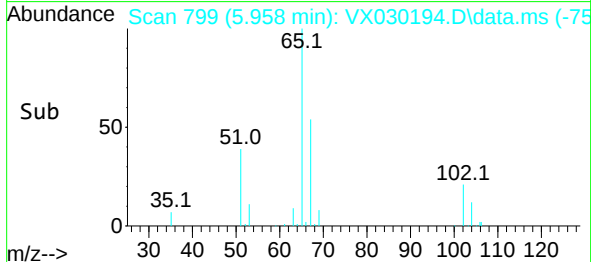
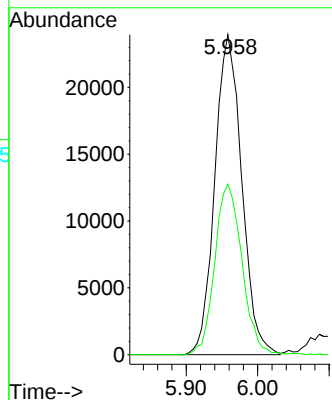
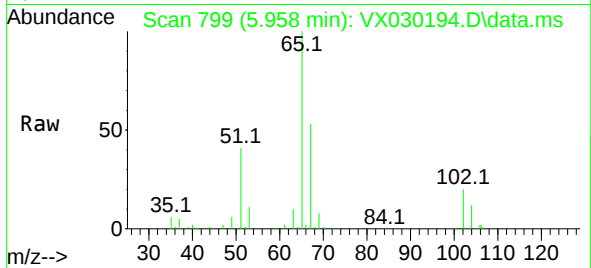
#33
1,2-Dichloroethane-d4
Concen: 18.192 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 6264
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

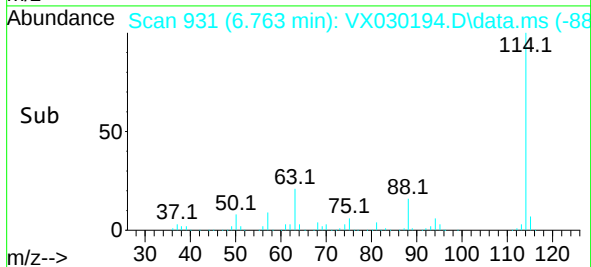
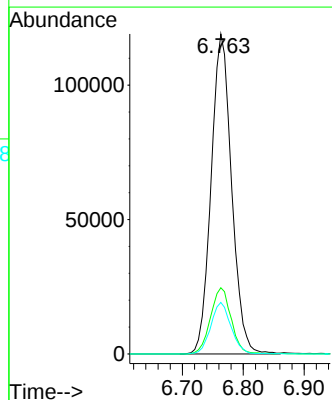
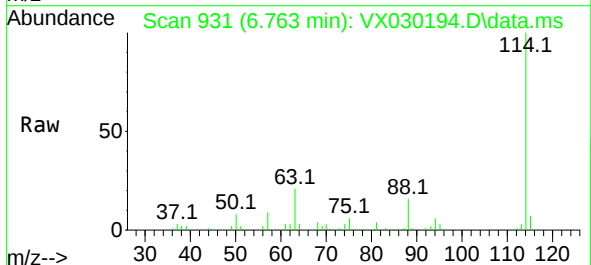
Manual Integrations
APPROVED

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



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion:114 Resp: 278535
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.4
88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 19.080 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

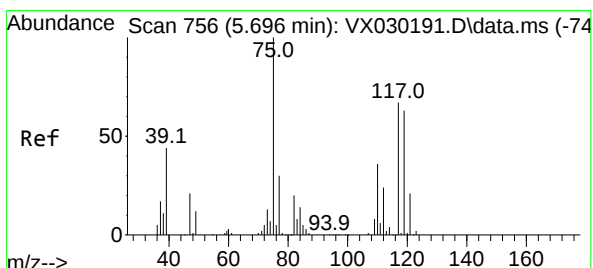
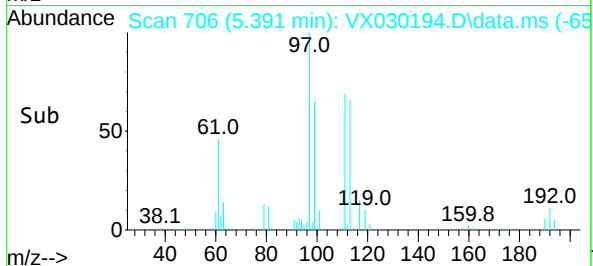
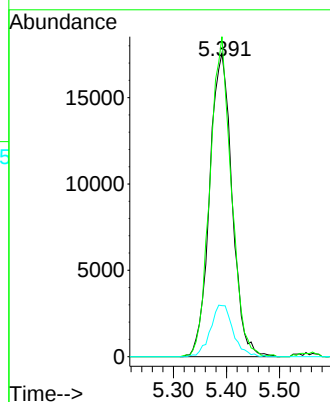
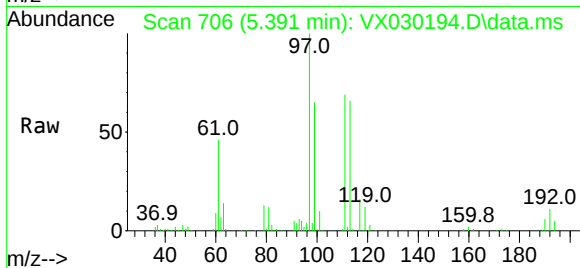
Tgt Ion:	113	Resp:	51518
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.2	124.8
192	17.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#36

1,1-Dichloropropene

Concen: 20.632 ug/l

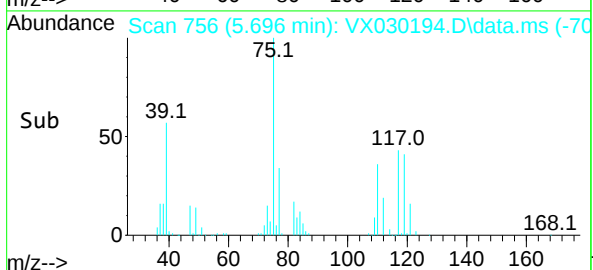
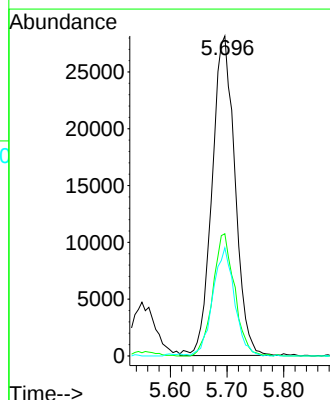
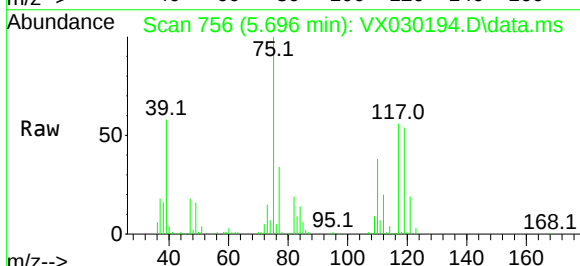
RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Tgt Ion:	75	Resp:	78602
Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.3	57.9
77	32.1	24.4	36.6





#37

Ethyl Acetate

Concen: 20.486 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

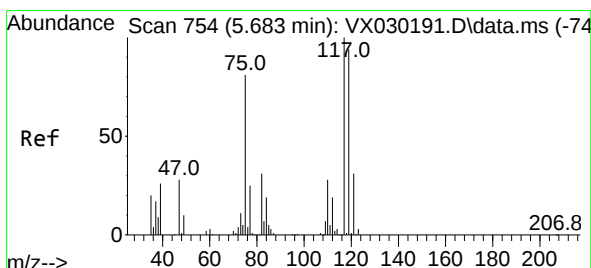
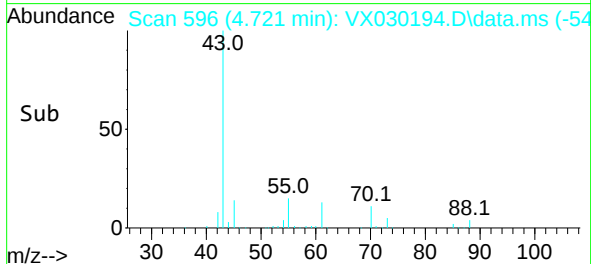
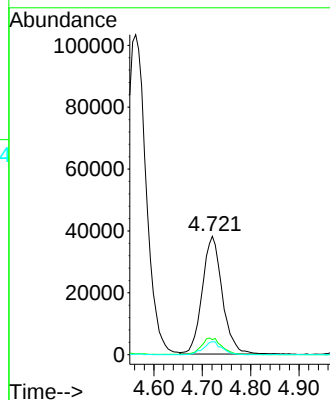
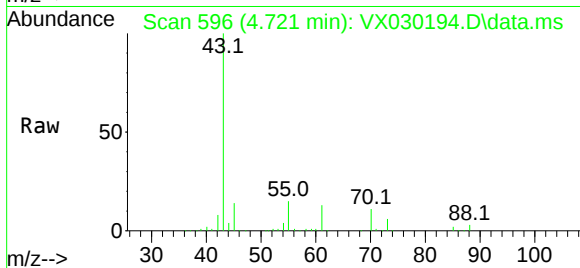
Tgt Ion: 43 Resp: 10972

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	10.1	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: 20.554 ug/l

RT: 5.678 min Scan# 753

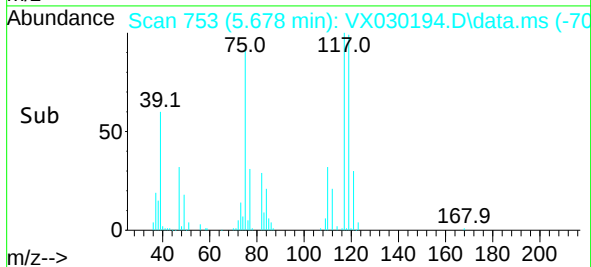
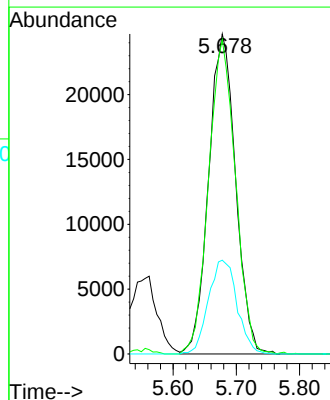
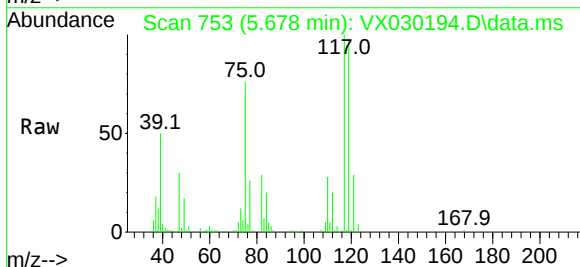
Delta R.T. -0.006 min

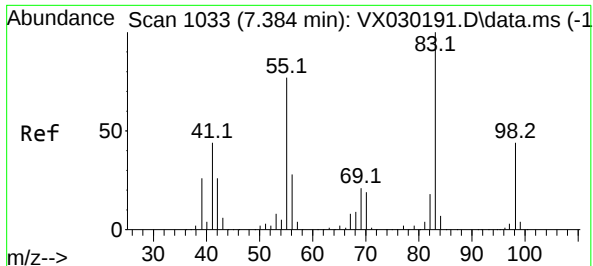
Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Tgt Ion:117 Resp: 72973

Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.1	111.1
121	29.3	25.8	38.8





#39

Methylcyclohexane

Concen: 21.728 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 104890

Ion Ratio Lower Upper

83 100

55 77.3 57.7 86.5

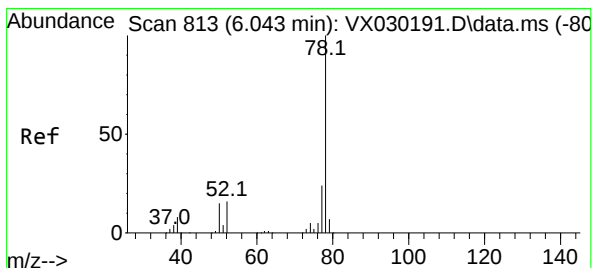
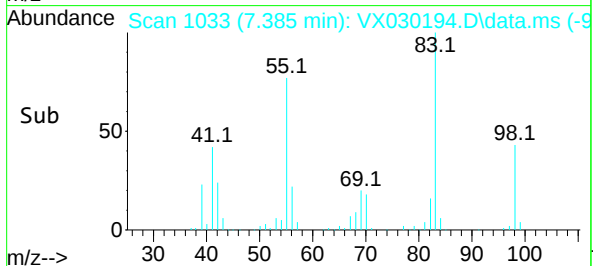
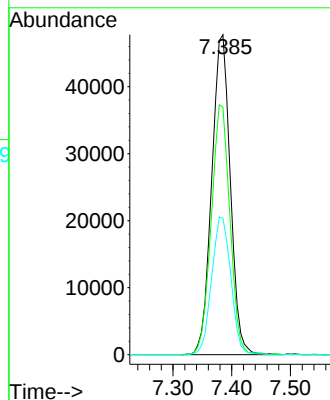
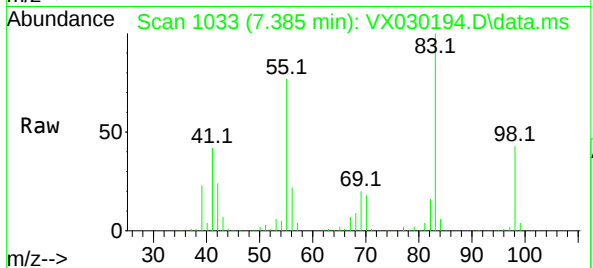
98 42.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#40

Benzene

Concen: 21.055 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX030194.D

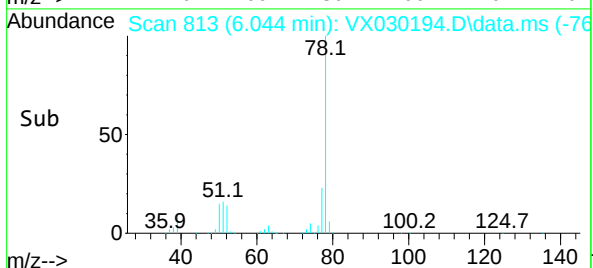
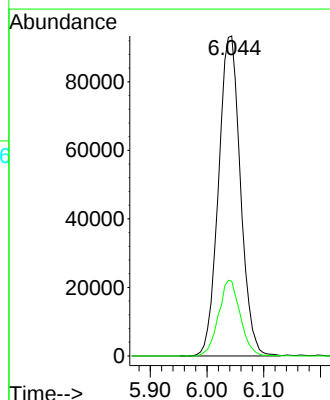
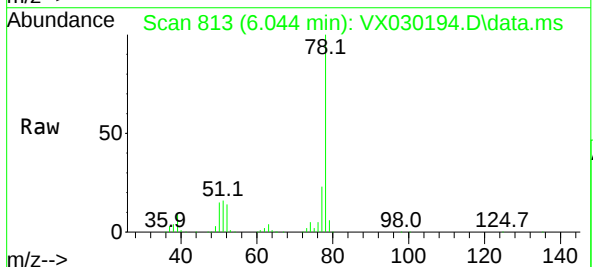
Acq: 25 Jul 2022 15:39

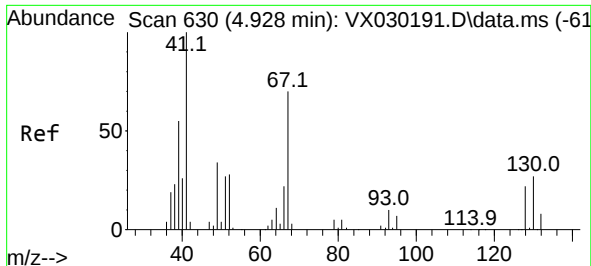
Tgt Ion: 78 Resp: 250763

Ion Ratio Lower Upper

78 100

77 23.4 18.0 27.0





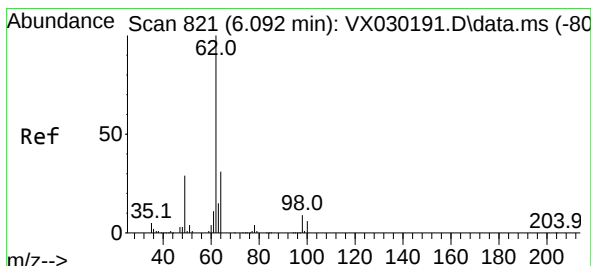
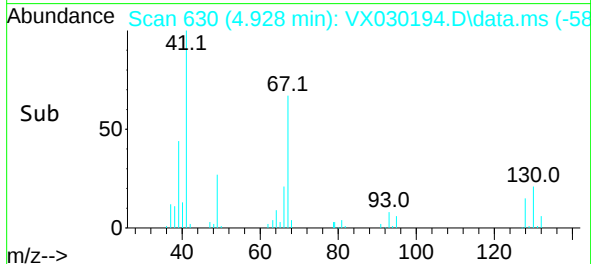
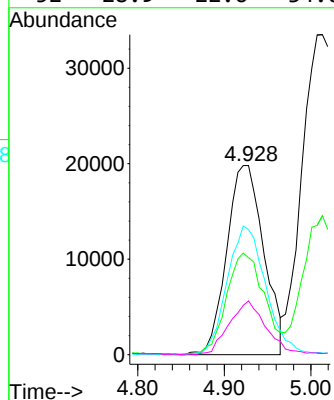
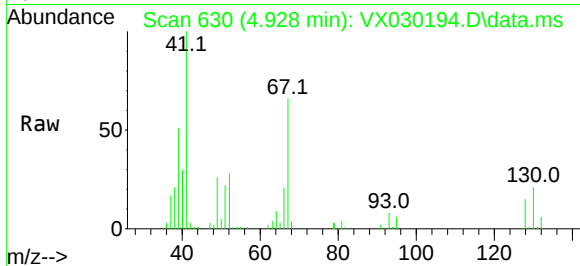
#41
Methacrylonitrile
Concen: 20.402 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 5886
Ion Ratio Lower Upper
41 100
39 54.8 42.9 64.3
67 71.3 60.1 90.1
52 28.9 22.6 34.0

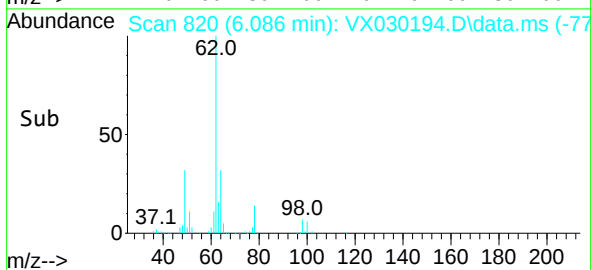
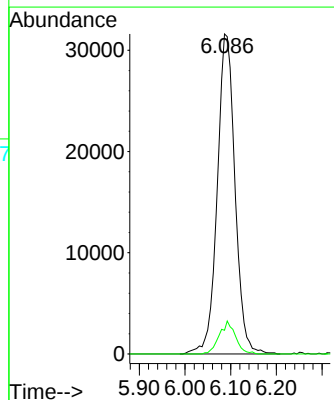
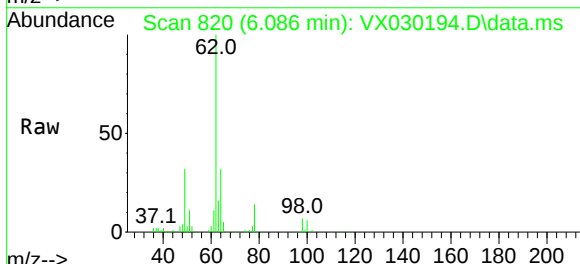
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 20.719 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 62 Resp: 85458
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





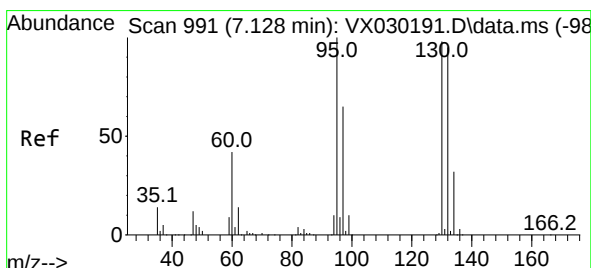
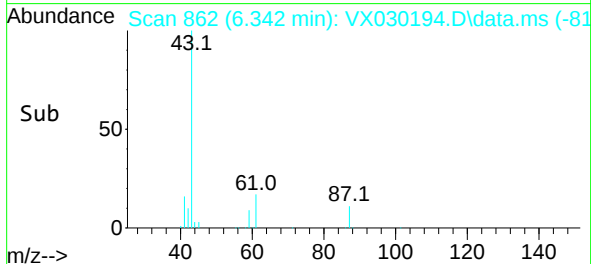
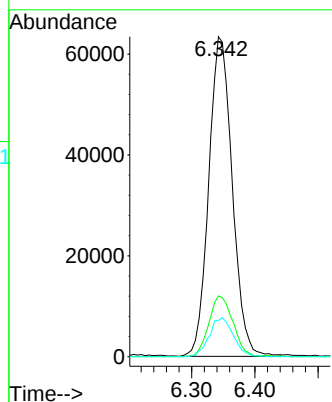
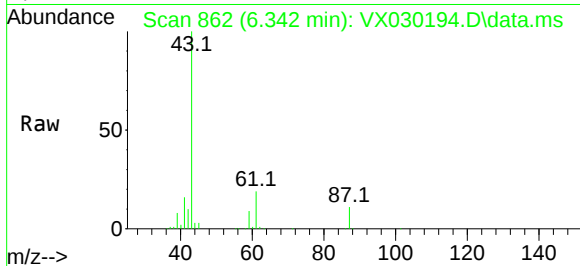
#43
Isopropyl Acetate
Concen: 20.792 ug/l
RT: 6.342 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 12.4 11.1 16.7

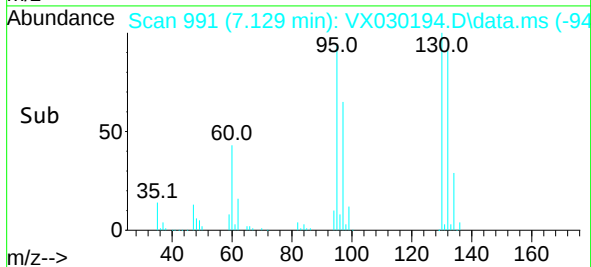
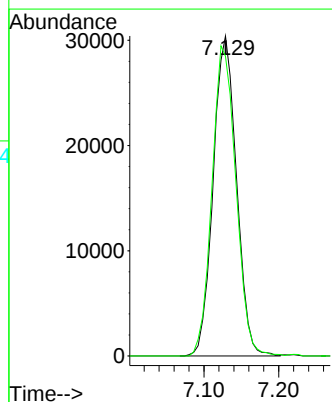
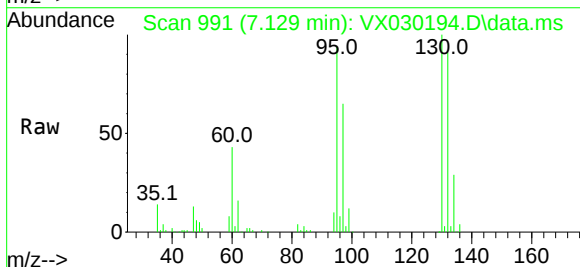
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 20.202 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion:130 Resp: 65836
Ion Ratio Lower Upper
130 100
95 93.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.557 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 65414

Ion Ratio Lower Upper

63 100

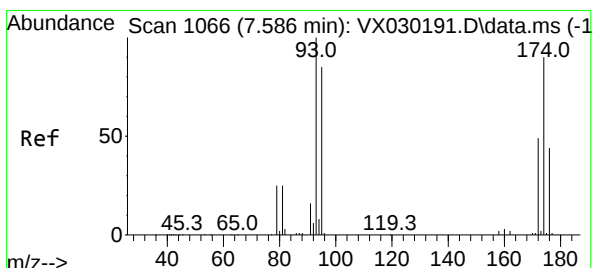
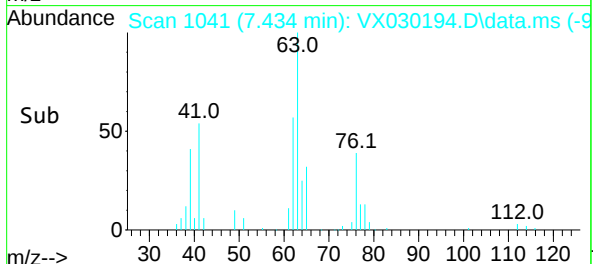
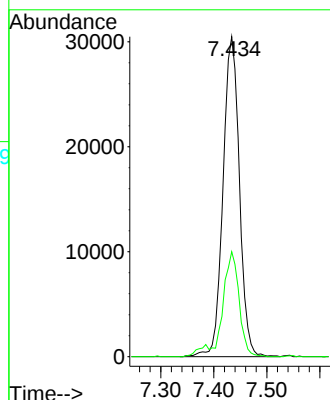
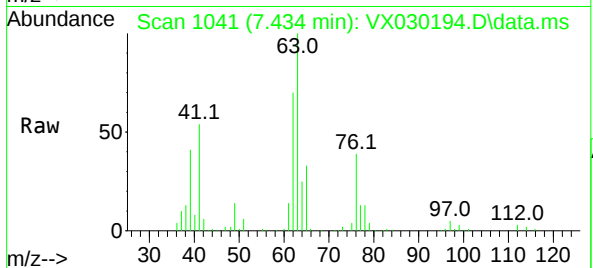
65 32.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#46

Dibromomethane

Concen: 20.652 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

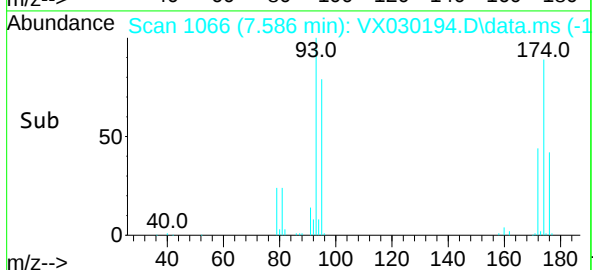
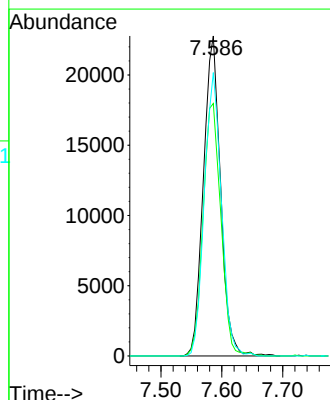
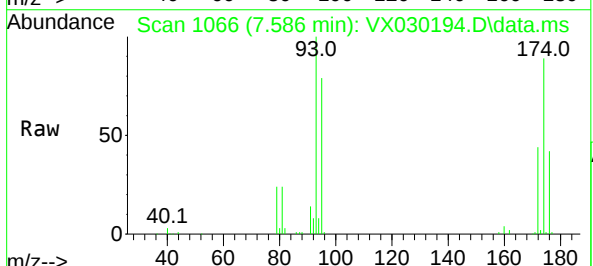
Tgt Ion: 93 Resp: 44568

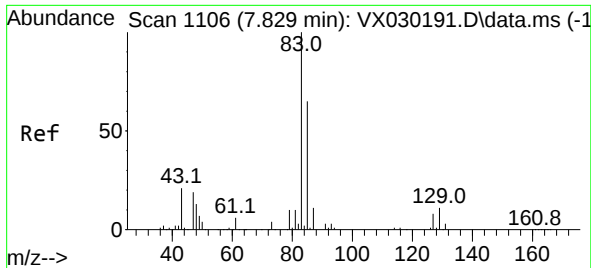
Ion Ratio Lower Upper

93 100

95 81.7 67.4 101.0

174 88.2 75.6 113.4





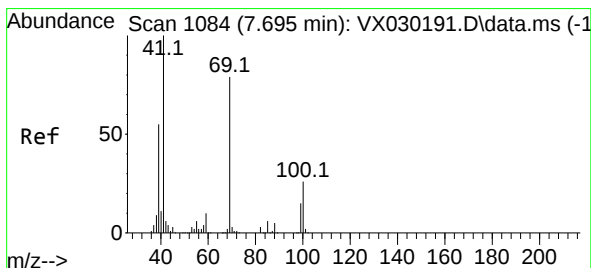
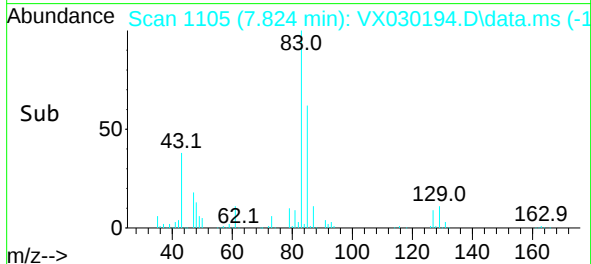
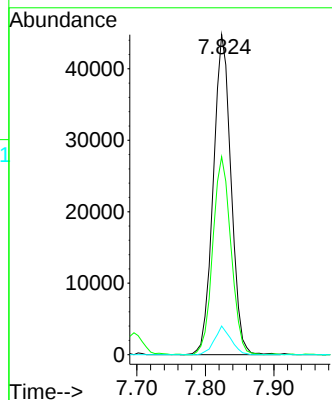
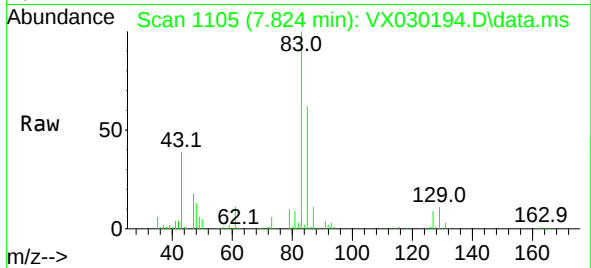
#47
Bromodichloromethane
Concen: 20.495 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 80660
Ion Ratio Lower Upper
83 100
85 61.8 53.5 80.3
127 8.9 6.6 10.0

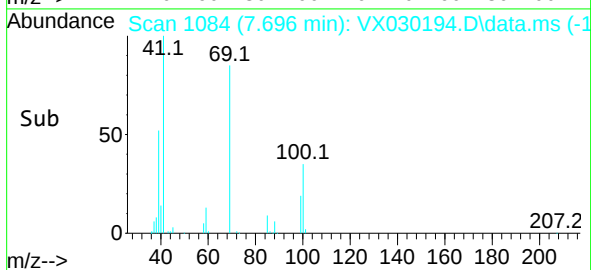
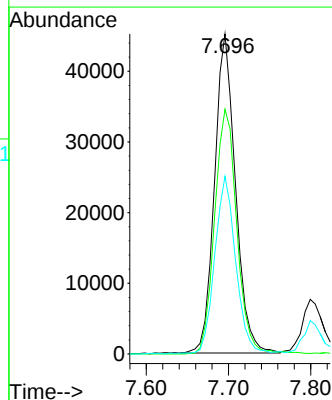
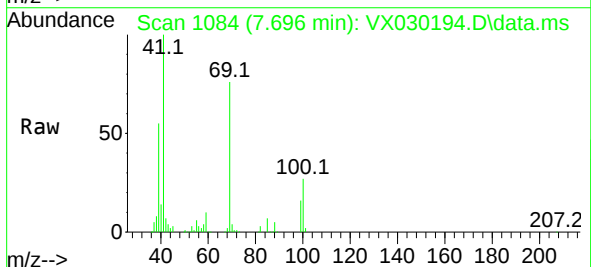
Manual Integrations
APPROVED

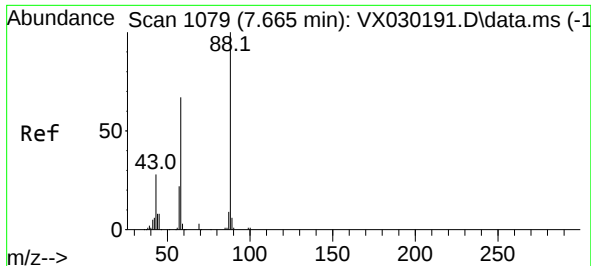
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#48
Methyl methacrylate
Concen: 20.617 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 41 Resp: 79974
Ion Ratio Lower Upper
41 100
69 81.5 68.8 103.2
39 55.9 44.6 66.8





#49

1,4-Dioxane

Concen: 425.321 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

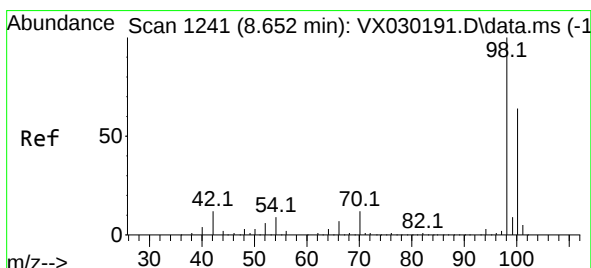
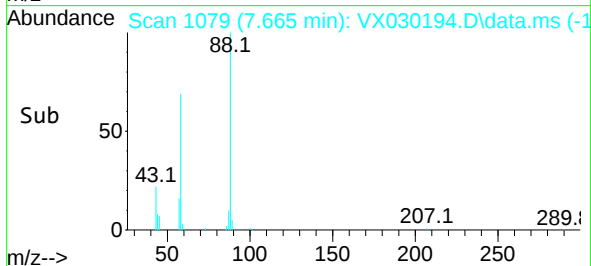
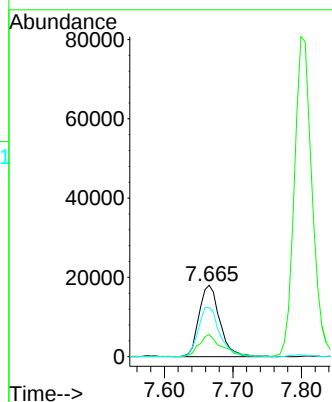
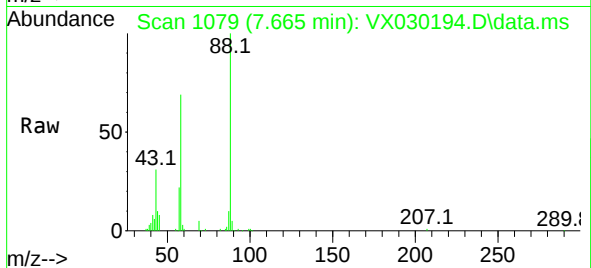
Tgt Ion:	88	Resp:	3789
Ion	Ratio	Lower	Upper
88	100		
43	34.6	23.8	35.8
58	71.0	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#50

Toluene-d8

Concen: 19.449 ug/l

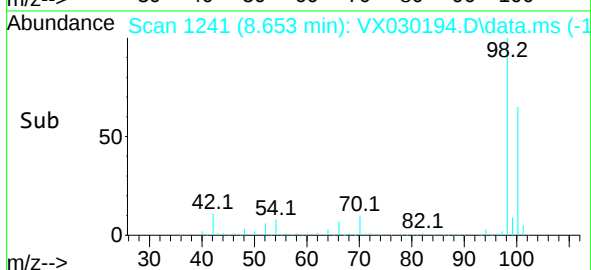
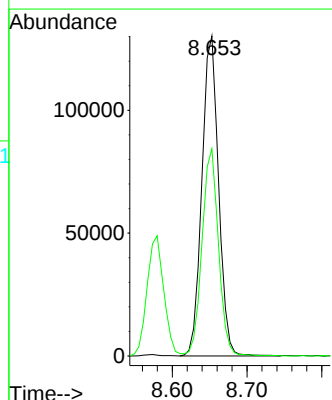
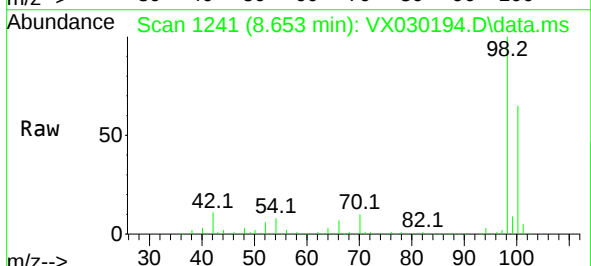
RT: 8.653 min Scan# 1241

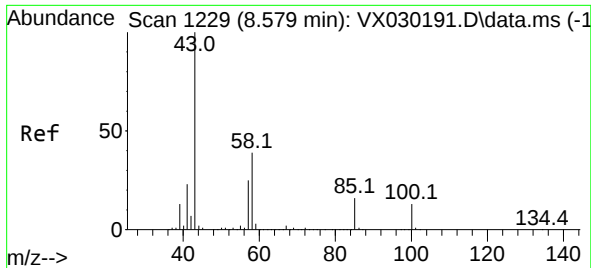
Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Tgt Ion:	98	Resp:	201820
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.3	78.5





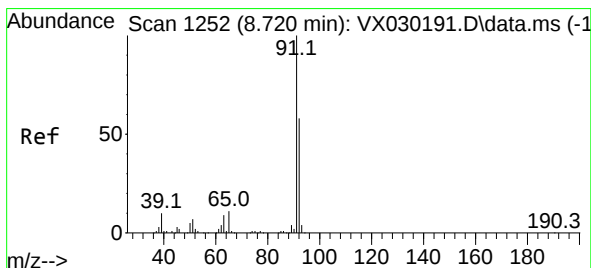
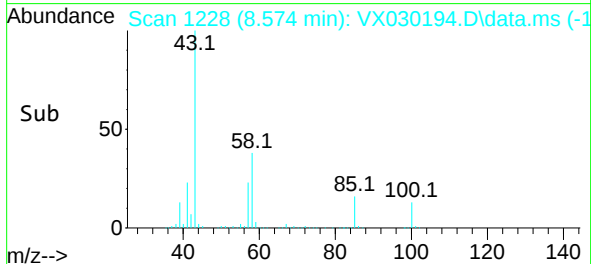
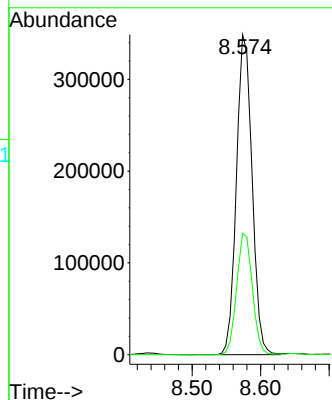
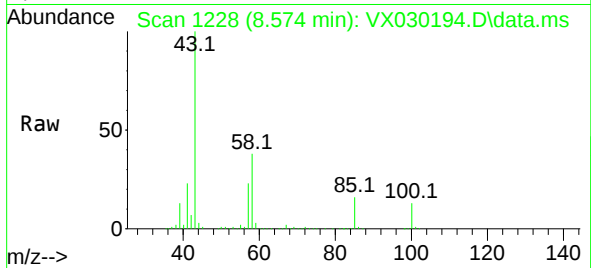
#51
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 555829
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2

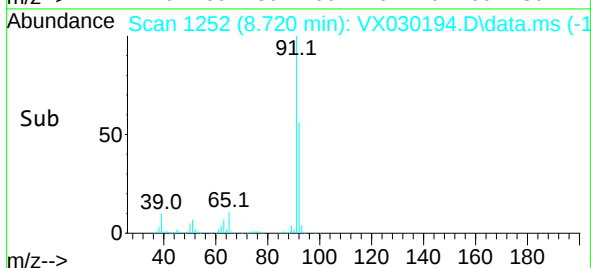
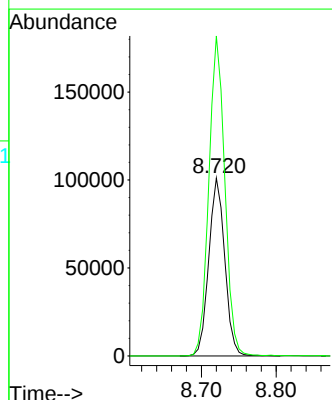
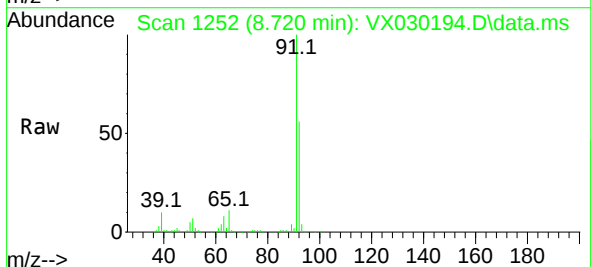
Manual Integrations
APPROVED

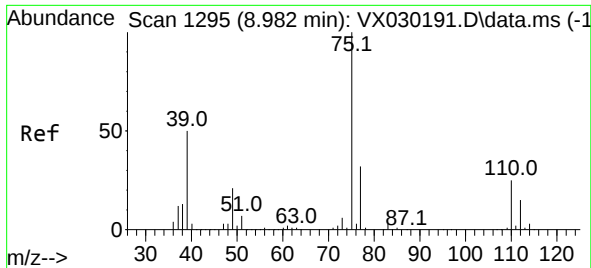
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#52
Toluene
Concen: 20.701 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

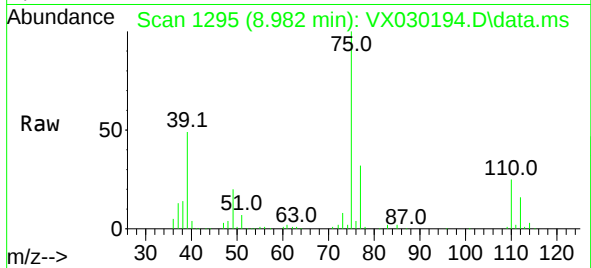
Tgt Ion: 92 Resp: 150506
Ion Ratio Lower Upper
92 100
91 179.4 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.980 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

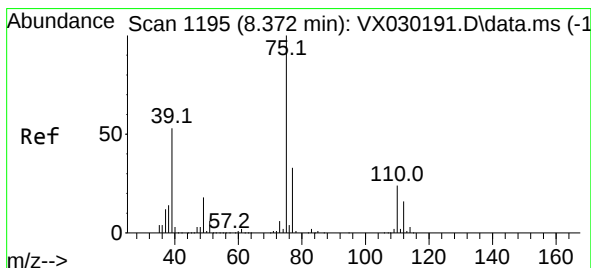
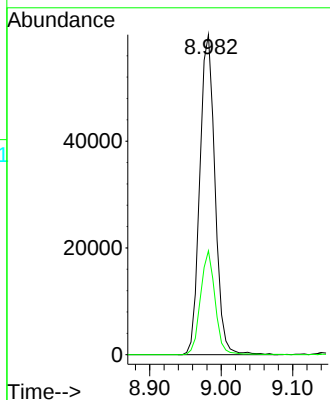
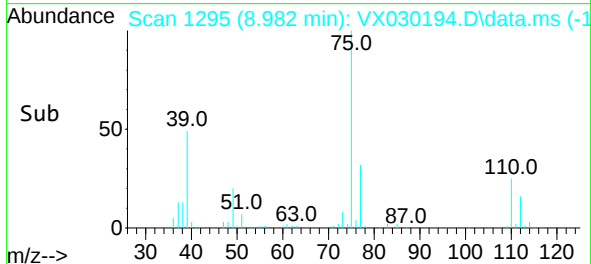
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 8845
Ion Ratio Lower Upper
75 100
77 32.5 26.3 39.5

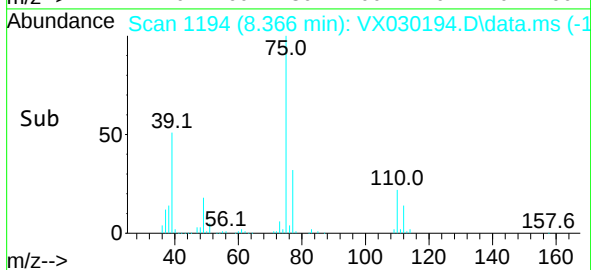
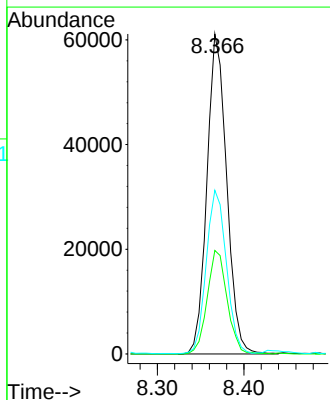
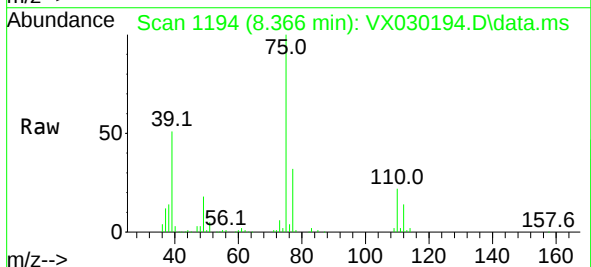
Manual Integrations
APPROVED

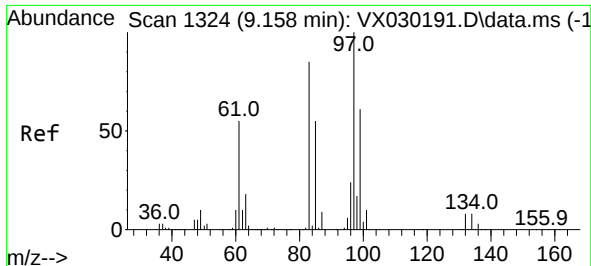
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#54
cis-1,3-Dichloropropene
Concen: 20.970 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 75 Resp: 96713
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4
39 51.0 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 20.977 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 64690

Ion Ratio Lower Upper

97 100

83 89.0 68.9 103.3

85 56.8 44.0 66.0

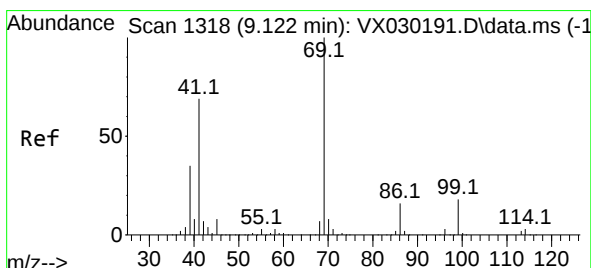
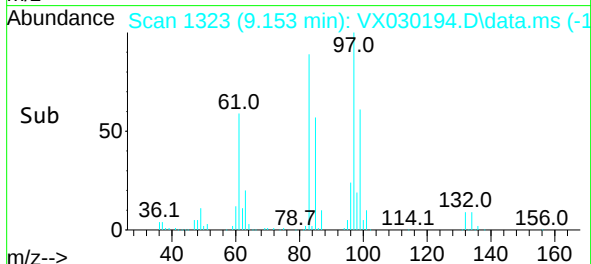
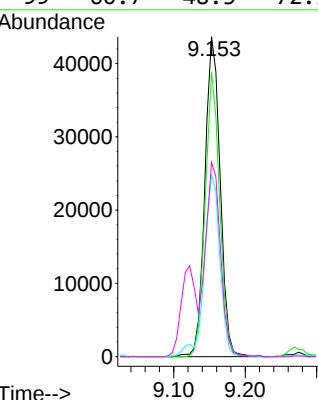
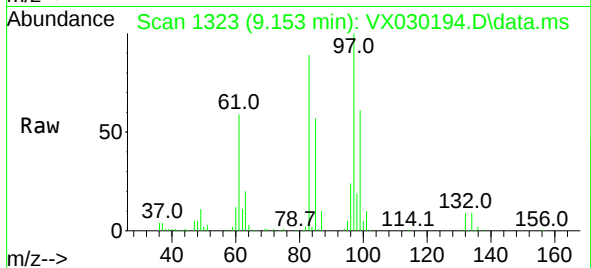
99 60.7 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#56

Ethyl methacrylate

Concen: 20.919 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

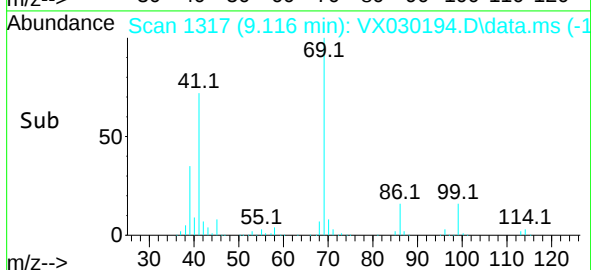
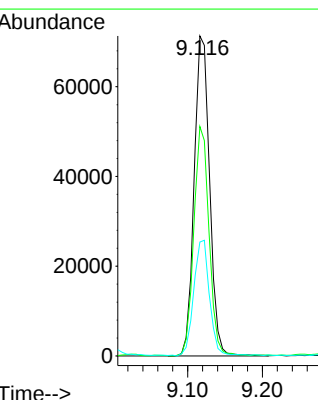
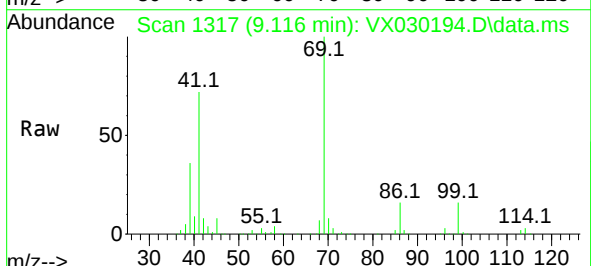
Tgt Ion: 69 Resp: 102378

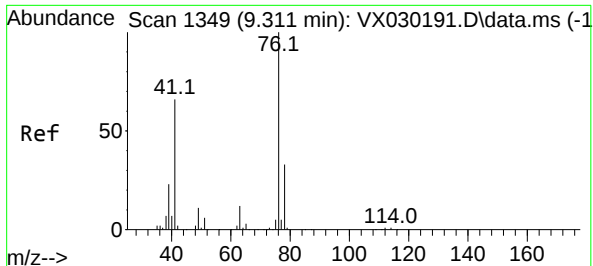
Ion Ratio Lower Upper

69 100

41 70.8 52.3 78.5

39 36.7 28.2 42.4





#57

1,3-Dichloropropane

Concen: 20.679 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 105739

Ion Ratio Lower Upper

76 100

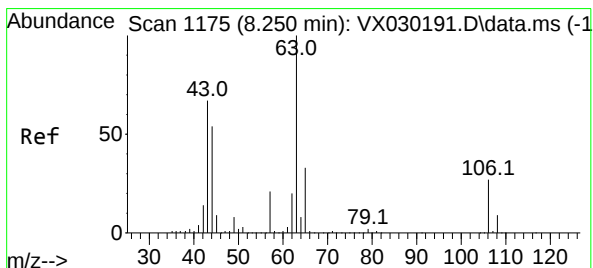
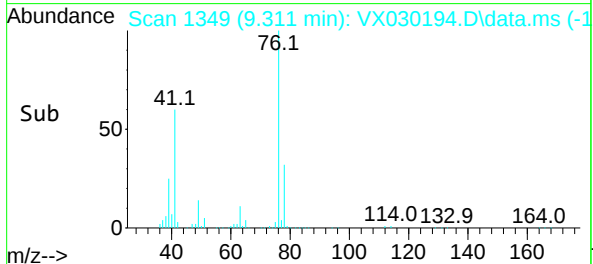
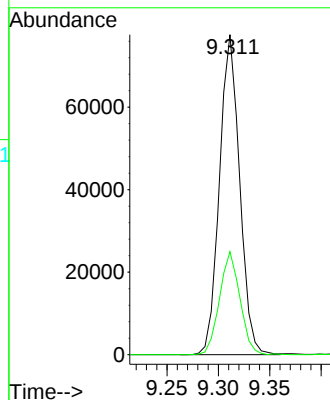
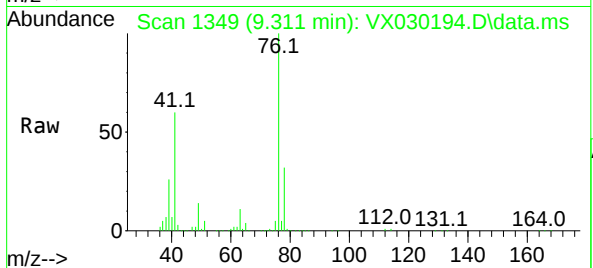
78 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.172 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030194.D

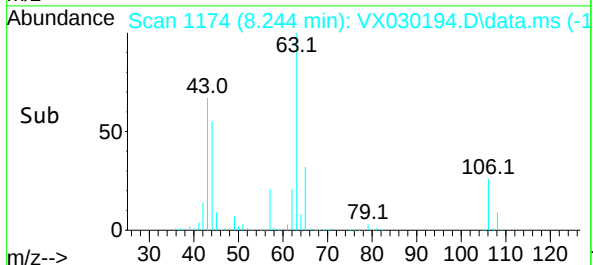
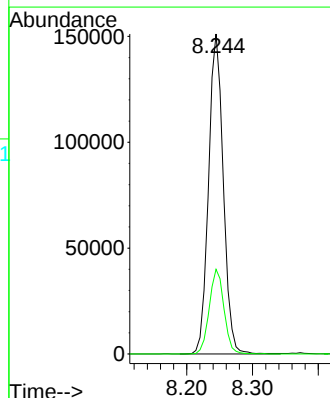
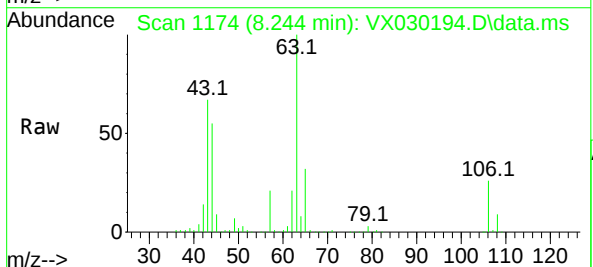
Acq: 25 Jul 2022 15:39

Tgt Ion: 63 Resp: 235355

Ion Ratio Lower Upper

63 100

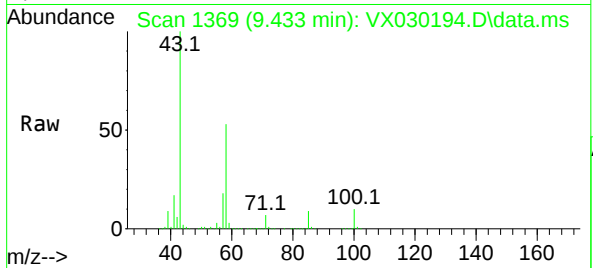
106 26.4 22.2 33.2





#59
2-Hexanone
Concen: 105.699 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

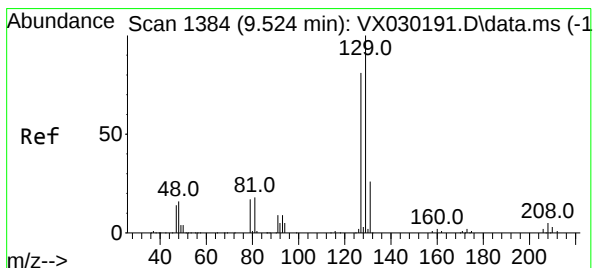
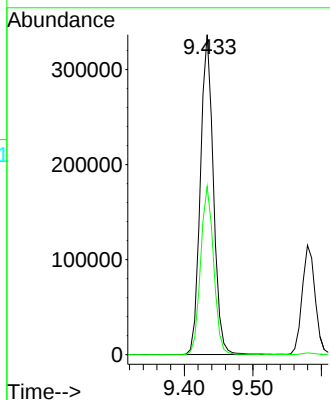
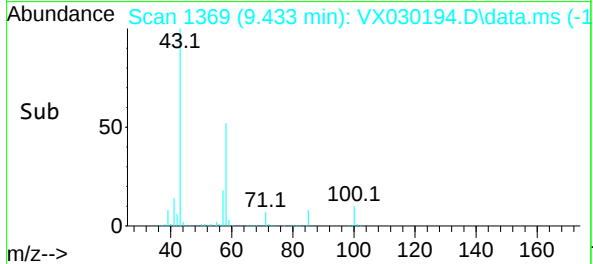
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 444619
Ion Ratio Lower Upper
43 100
58 52.9 27.6 82.8

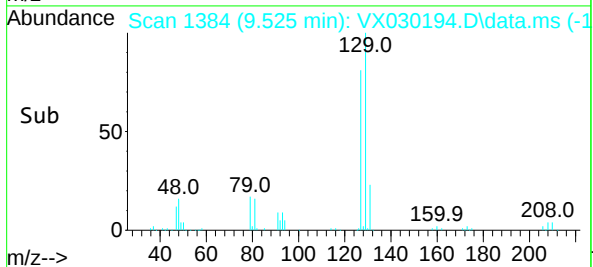
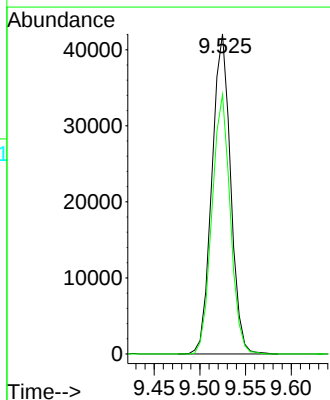
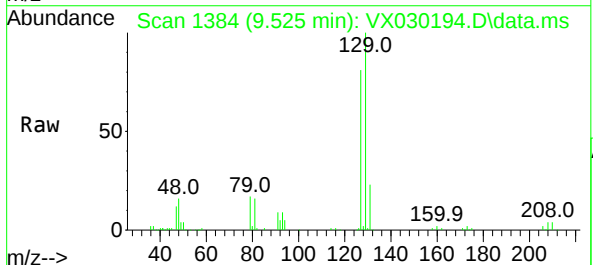
Manual Integrations
APPROVED

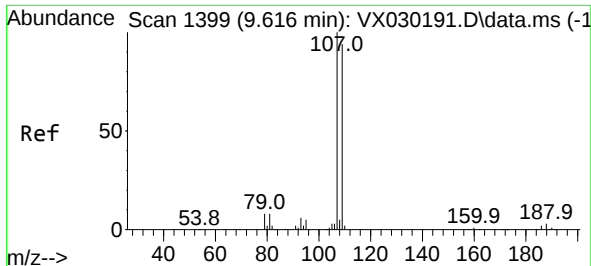
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#60
Dibromochloromethane
Concen: 20.871 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion:129 Resp: 59720
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5





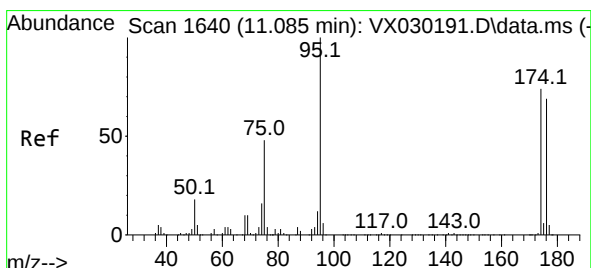
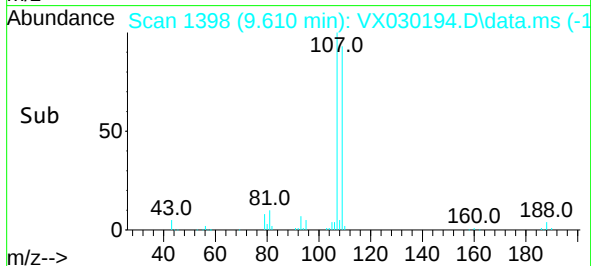
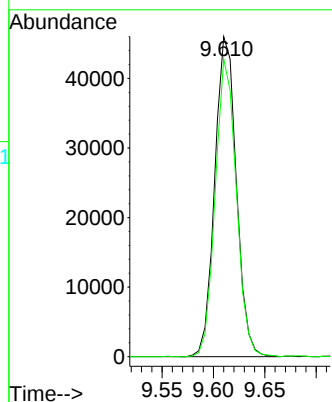
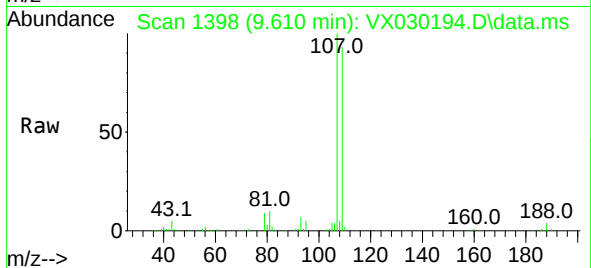
#61
1,2-Dibromoethane
Concen: 20.753 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 66990
Ion Ratio Lower Upper
107 100
109 90.9 76.6 114.8

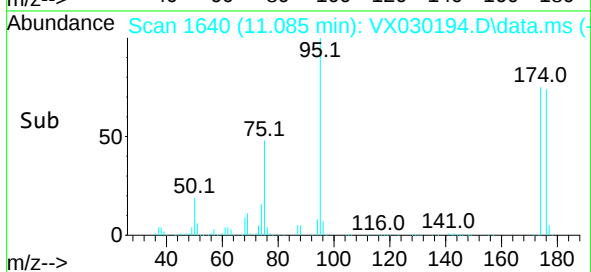
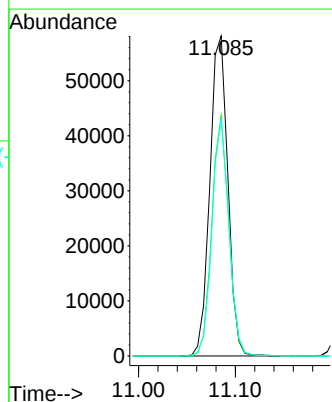
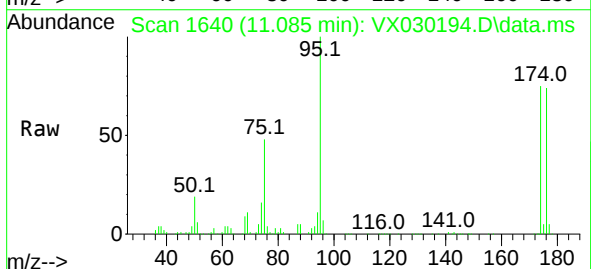
Manual Integrations
APPROVED

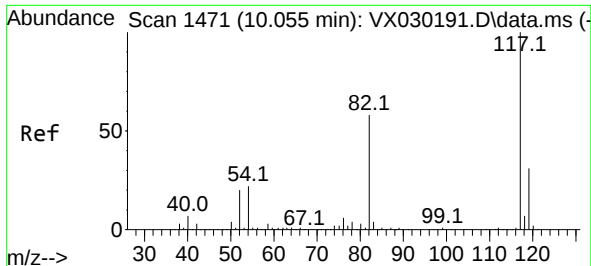
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#62
4-Bromofluorobenzene
Concen: 19.600 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

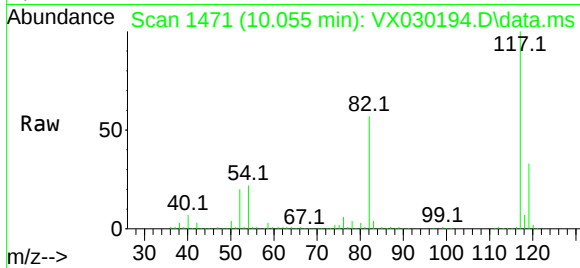
Tgt Ion: 95 Resp: 75067
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 70.0 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

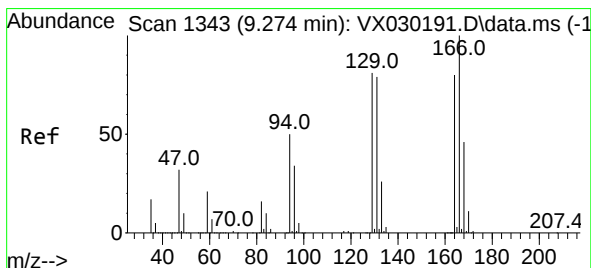
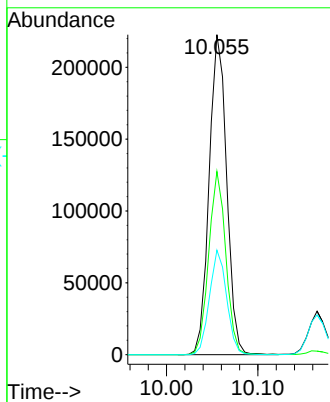
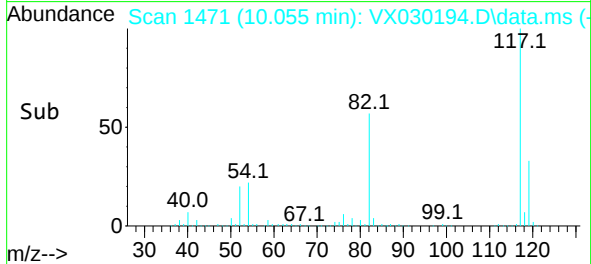
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



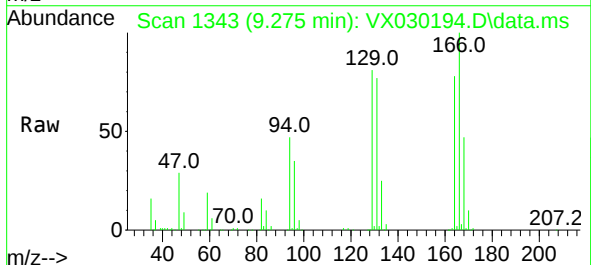
Tgt Ion:117 Resp: 29570
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 32.6 25.4 38.2

Manual Integrations
APPROVED

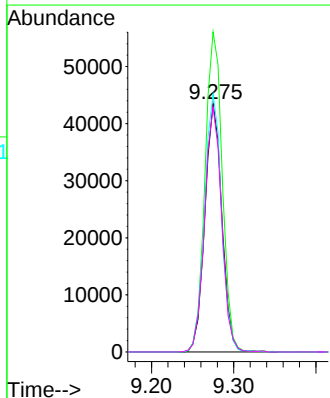
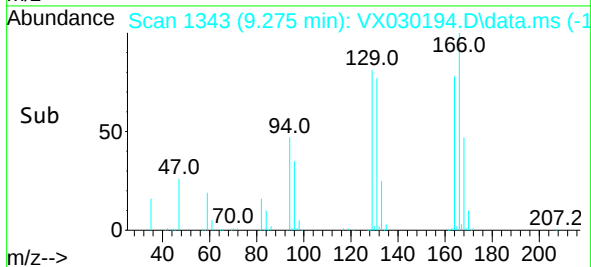
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

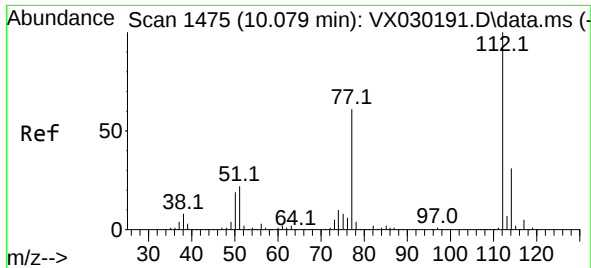


#64
Tetrachloroethene
Concen: 19.687 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



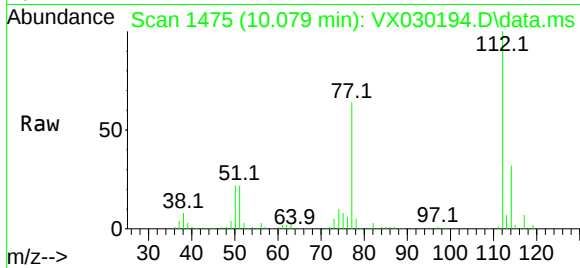
Tgt Ion:164 Resp: 62631
Ion Ratio Lower Upper
164 100
166 128.8 98.2 147.4
129 103.8 80.8 121.2
131 98.6 75.5 113.3





#65
Chlorobenzene
Concen: 20.405 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

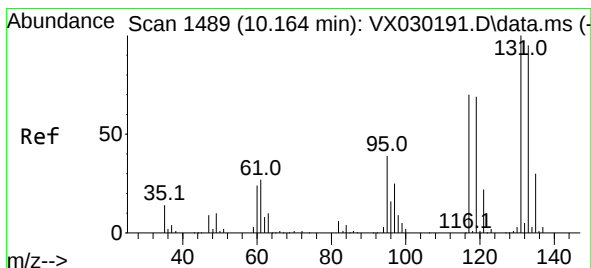
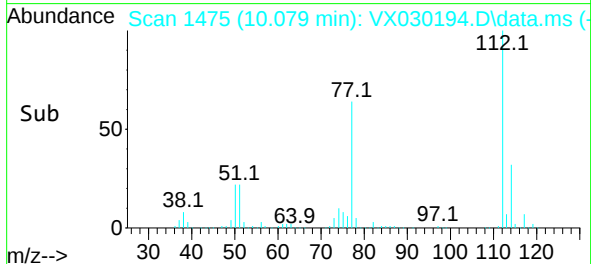
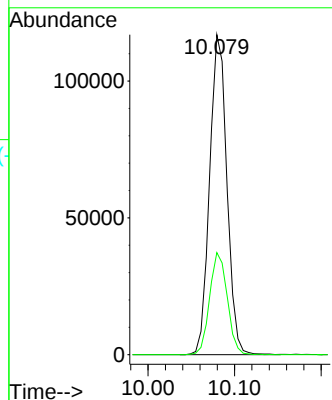
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 161992
Ion Ratio Lower Upper
112 100
114 31.9 24.6 36.8

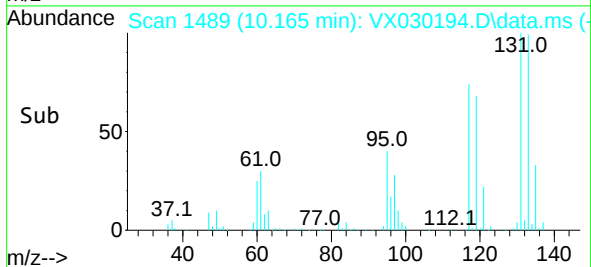
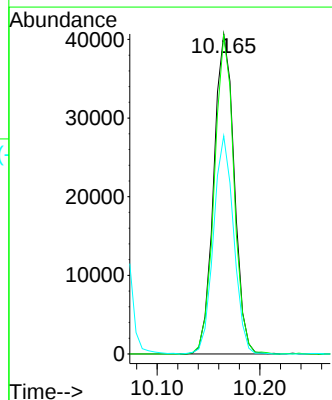
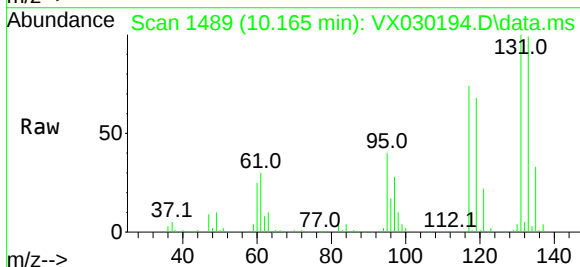
Manual Integrations
APPROVED

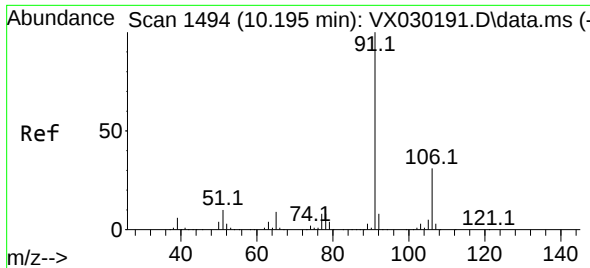
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.702 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

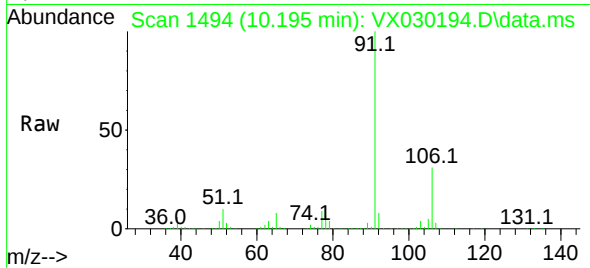
Tgt Ion:131 Resp: 56188
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 67.1 34.4 103.1





#67
Ethyl Benzene
Concen: 19.095 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

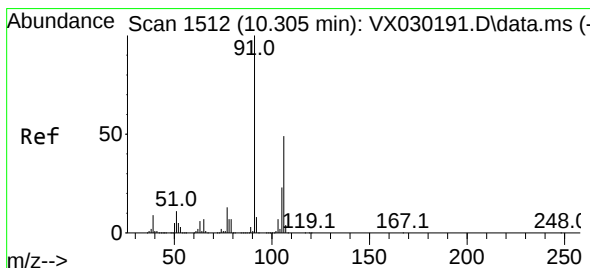
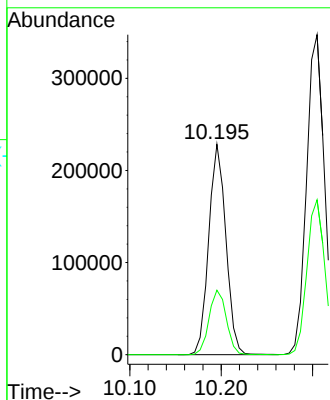
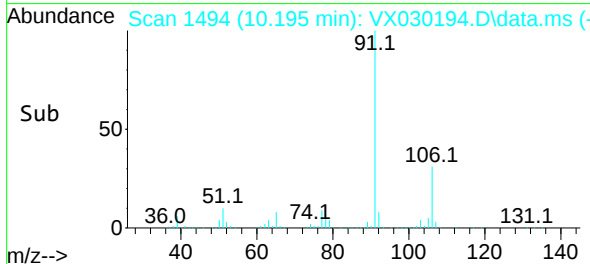
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



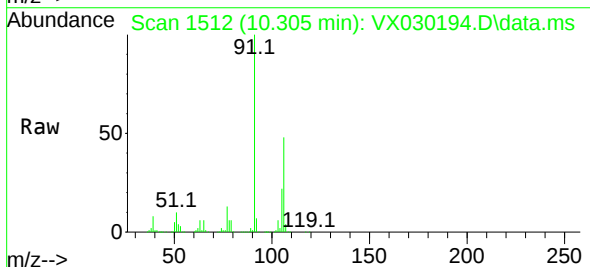
Tgt Ion: 91 Resp: 29733
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3

Manual Integrations
APPROVED

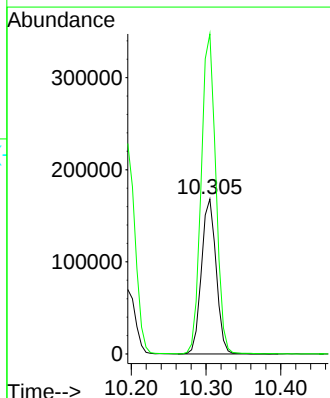
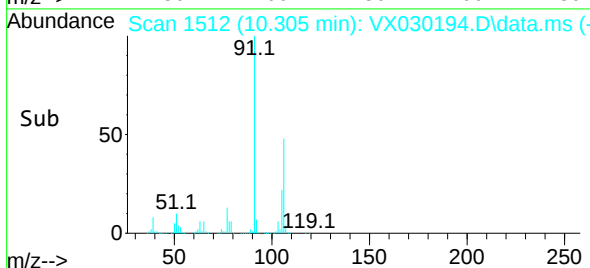
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

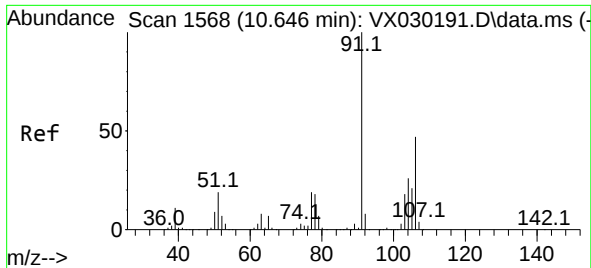


#68
m/p-Xylenes
Concen: 42.774 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion:106 Resp: 229537
Ion Ratio Lower Upper
106 100
91 205.7 158.2 237.4





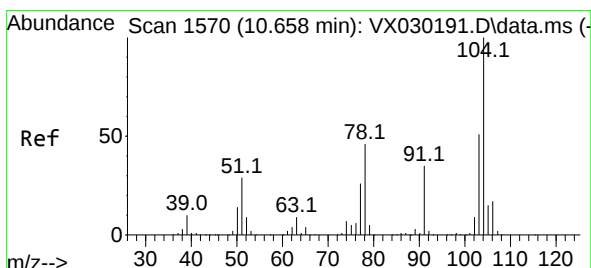
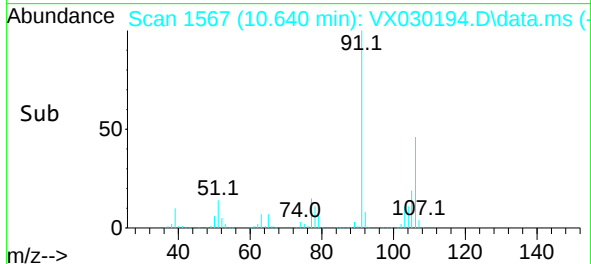
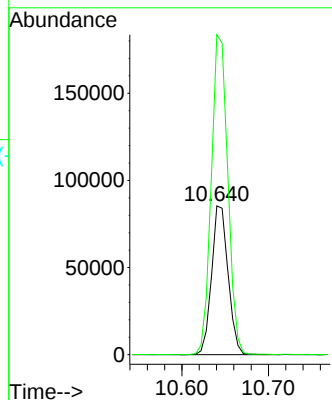
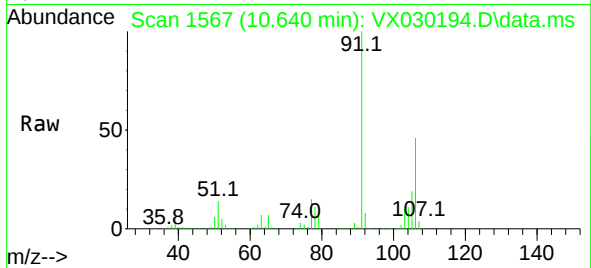
#69
o-Xylene
Concen: 21.363 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11295
Ion Ratio Lower Upper
106 100
91 215.9 103.8 311.6

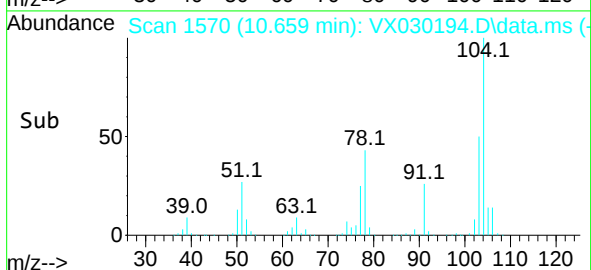
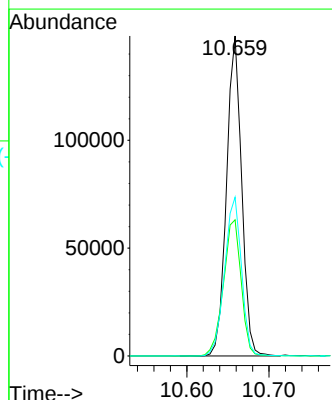
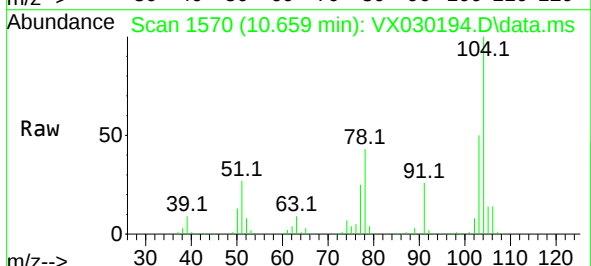
Manual Integrations
APPROVED

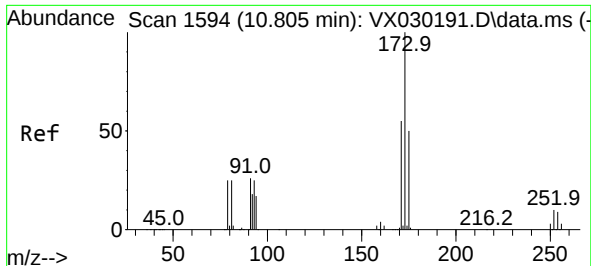
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#70
Styrene
Concen: 21.940 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

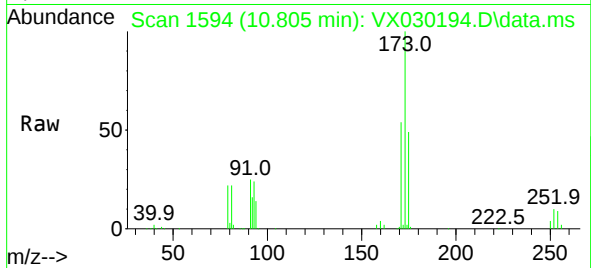
Tgt Ion:104 Resp: 190412
Ion Ratio Lower Upper
104 100
78 49.7 37.8 56.8
103 55.4 44.5 66.7





#71
Bromoform
Concen: 20.595 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

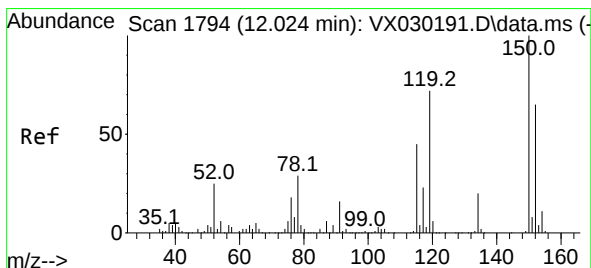
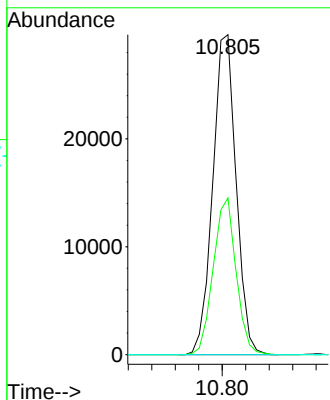
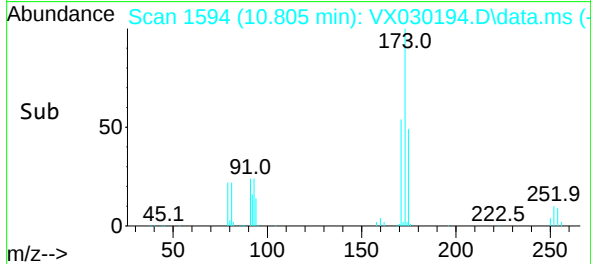
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



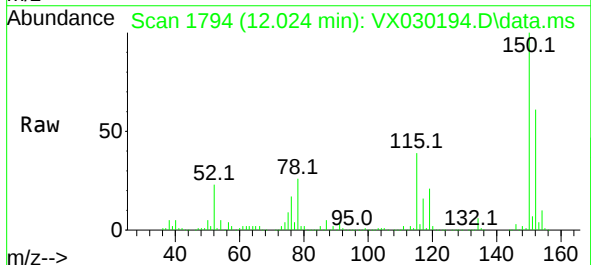
Tgt Ion:173 Resp: 40970
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

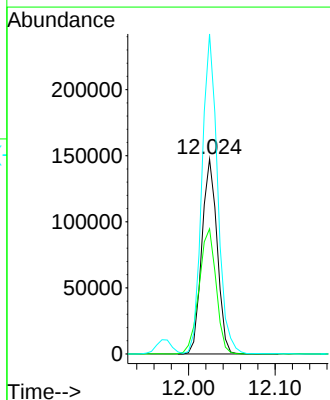
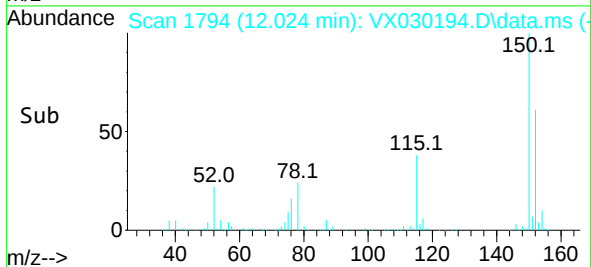
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

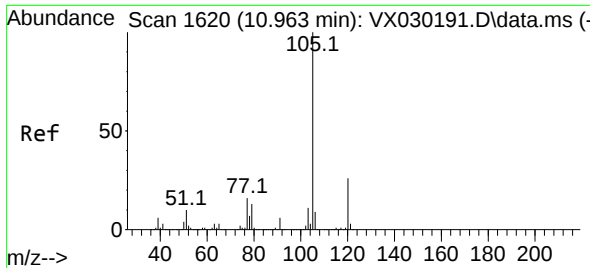


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion:152 Resp: 180508
Ion Ratio Lower Upper
152 100
115 71.3 40.5 121.5
150 168.2 0.0 347.0





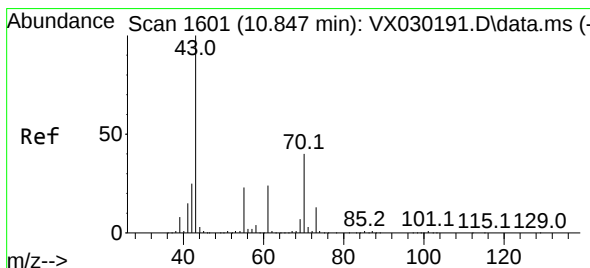
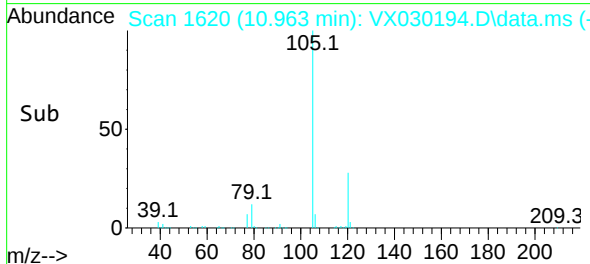
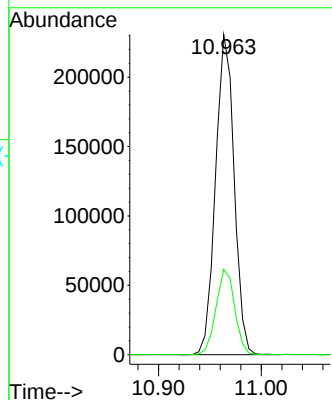
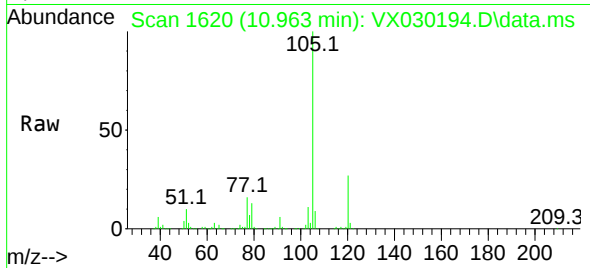
#73
Isopropylbenzene
Concen: 20.708 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 289289
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

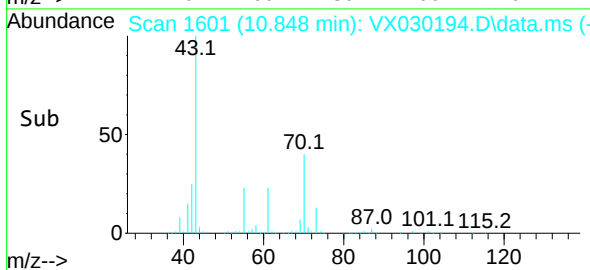
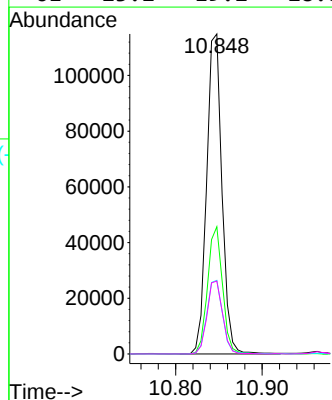
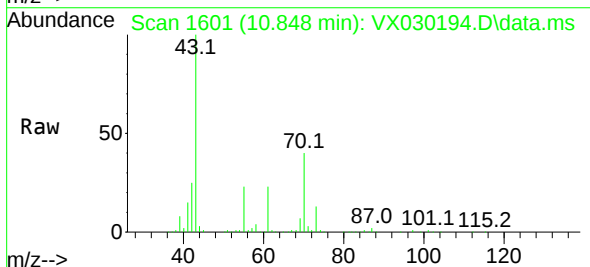
Manual Integrations
APPROVED

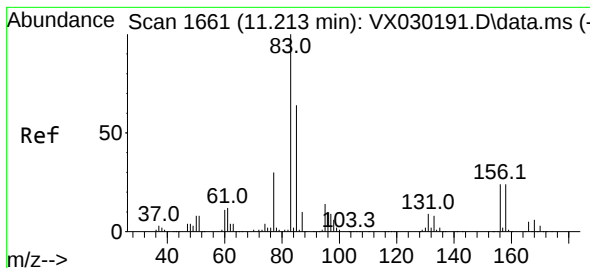
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#74
N-ethyl acetate
Concen: 20.848 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 43 Resp: 141107
Ion Ratio Lower Upper
43 100
70 38.7 32.3 48.5
55 23.9 18.4 27.6
61 23.2 19.2 28.8





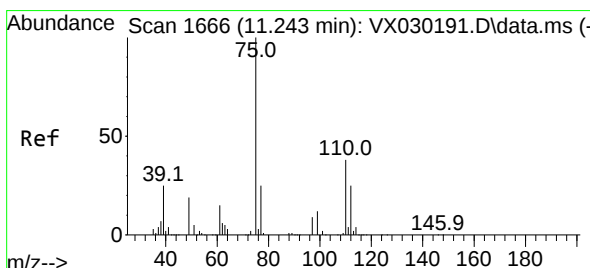
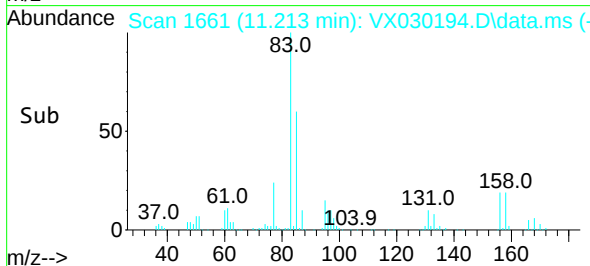
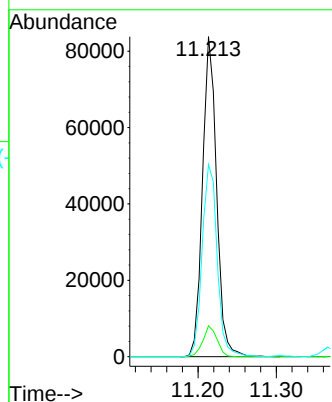
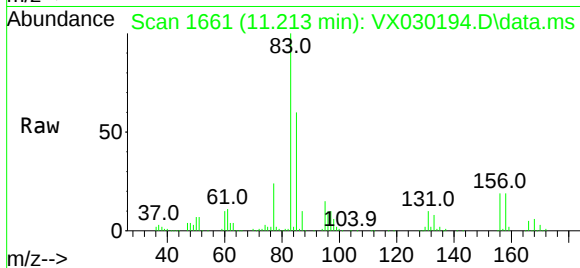
#75
1,1,2,2-Tetrachloroethane
Concen: 20.529 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 10458
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 64.1 32.5 97.5

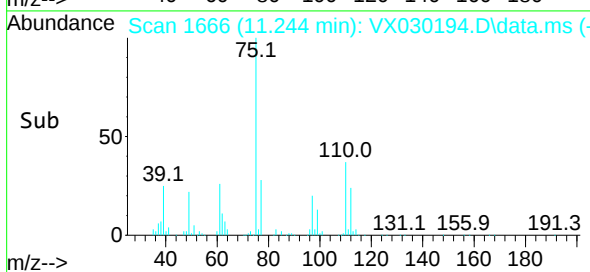
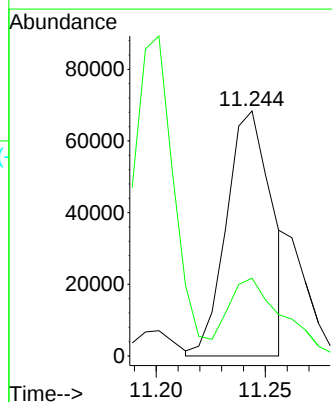
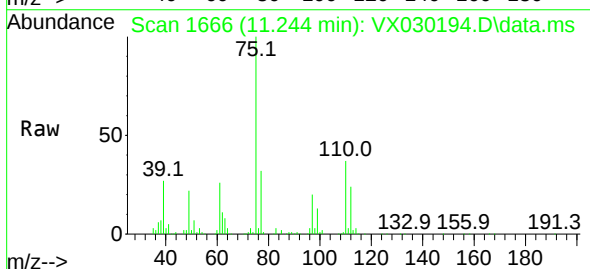
Manual Integrations
APPROVED

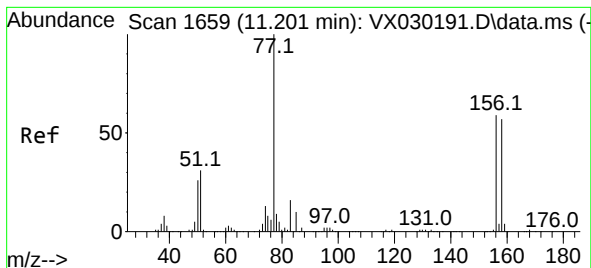
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#76
1,2,3-Trichloropropane
Concen: 19.541 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 75 Resp: 98226
Ion Ratio Lower Upper
75 100
77 37.8 19.8 59.3





#77

Bromobenzene

Concen: 20.419 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

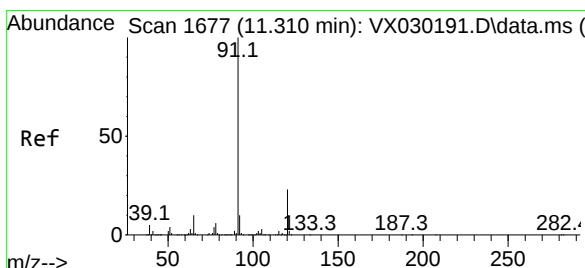
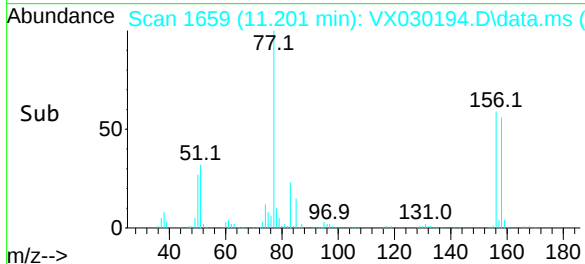
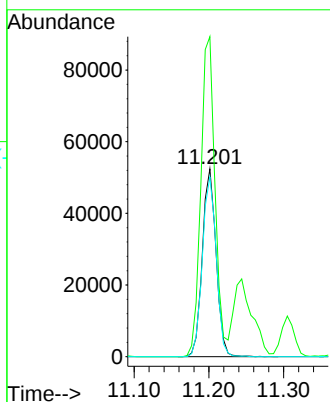
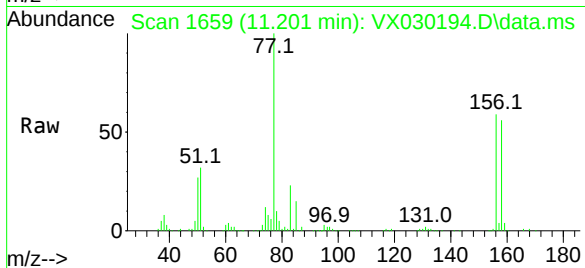
Tgt Ion:156 Resp: 66944
 Ion Ratio Lower Upper
 156 100
 77 176.1 82.7 247.9
 158 96.6 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#78

n-propylbenzene

Concen: 20.925 ug/l

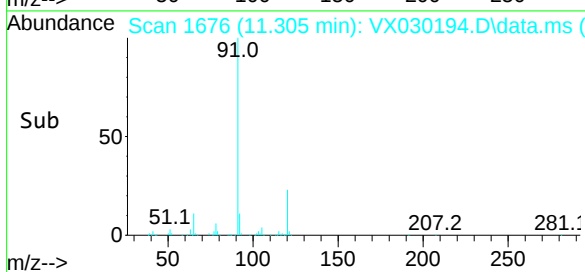
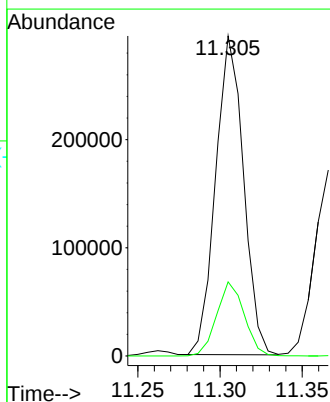
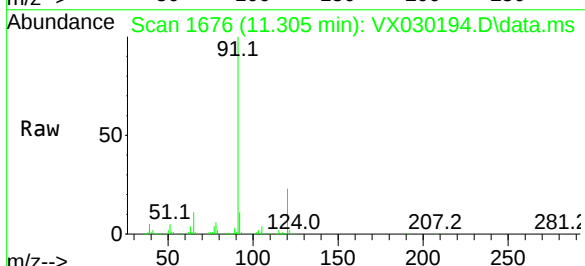
RT: 11.305 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Tgt Ion: 91 Resp: 347535
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.047 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 210549

Ion Ratio Lower Upper

91 100

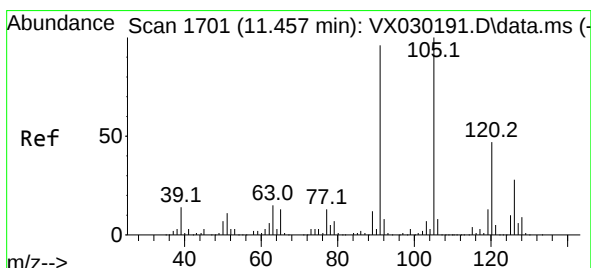
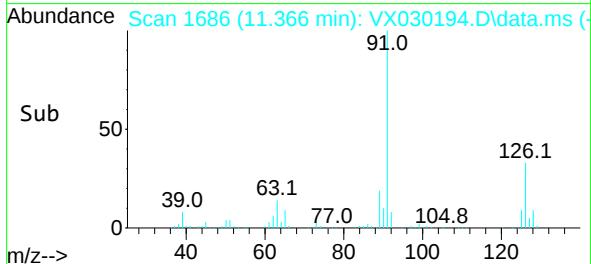
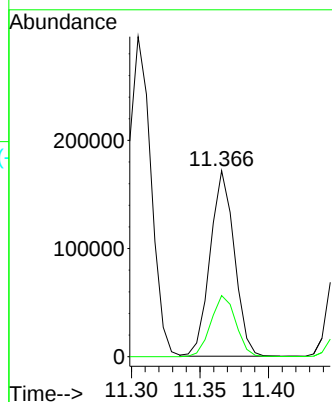
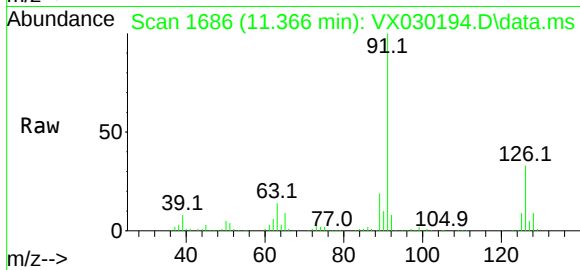
126 34.1 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.296 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX030194.D

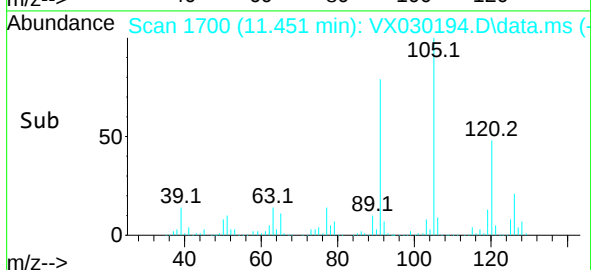
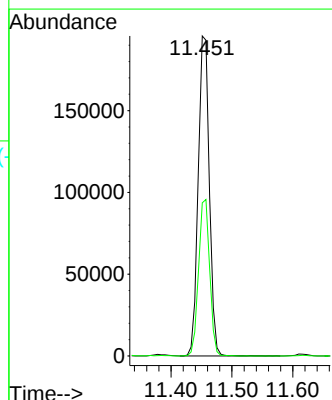
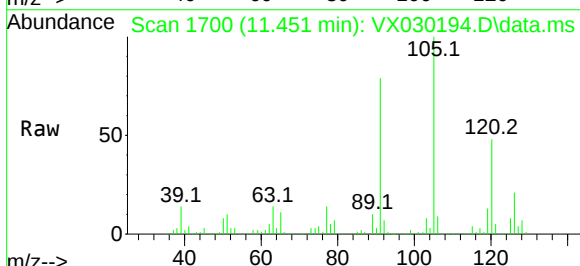
Acq: 25 Jul 2022 15:39

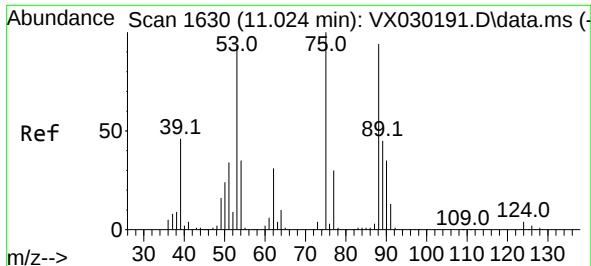
Tgt Ion:105 Resp: 248241

Ion Ratio Lower Upper

105 100

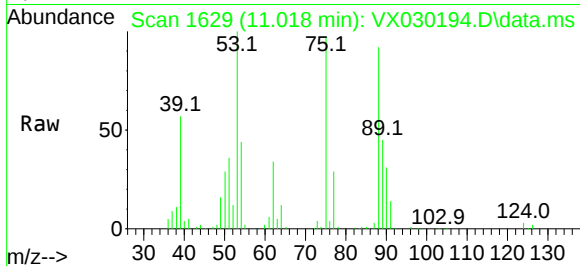
120 48.8 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.464 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

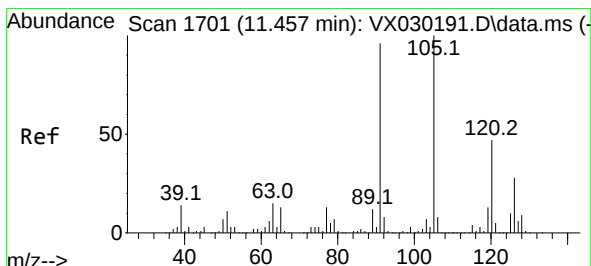
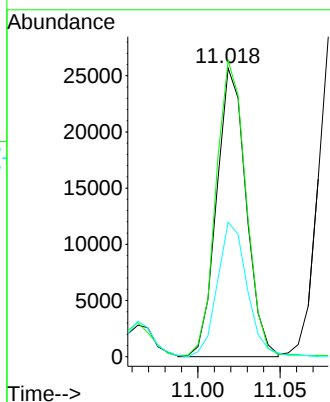
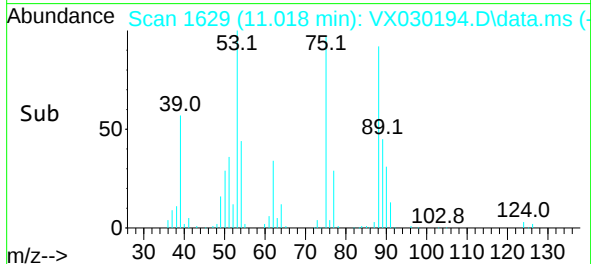
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 3206
Ion Ratio Lower Upper
75 100
53 104.8 74.2 111.4
89 47.0 34.8 52.2

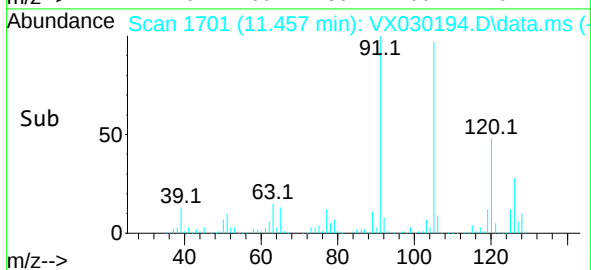
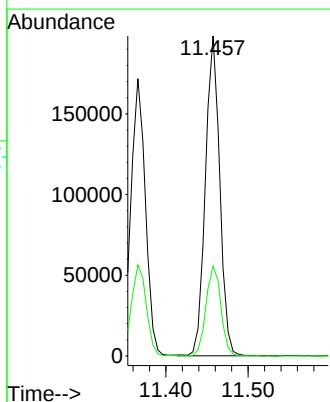
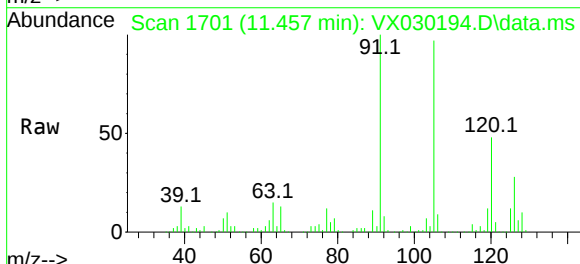
Manual Integrations
APPROVED

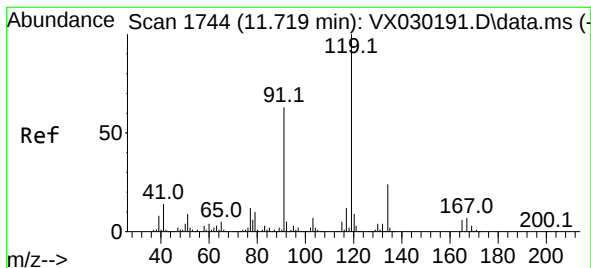
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#82
4-Chlorotoluene
Concen: 20.971 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion: 91 Resp: 240114
Ion Ratio Lower Upper
91 100
126 29.3 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.169 ug/l

RT: 11.719 min Scan# 11744

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 22910

Ion Ratio Lower Upper

119 100

91 62.1 28.3 84.9

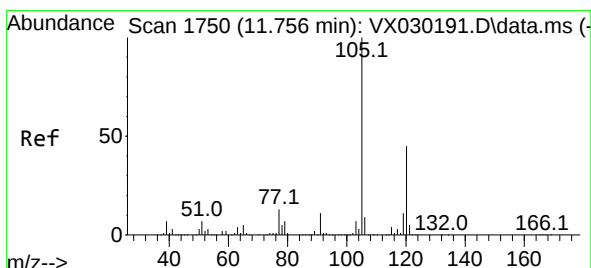
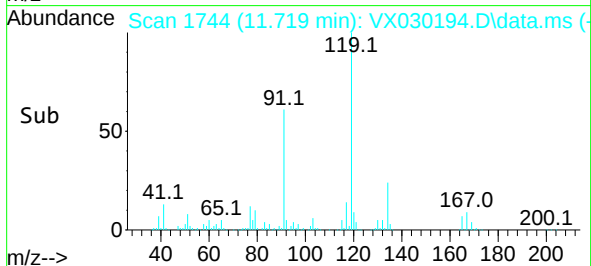
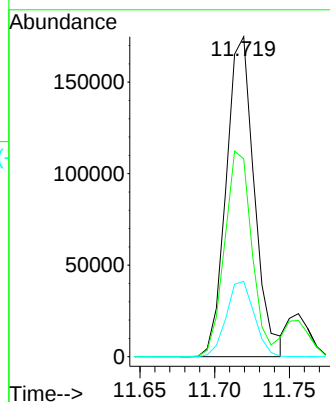
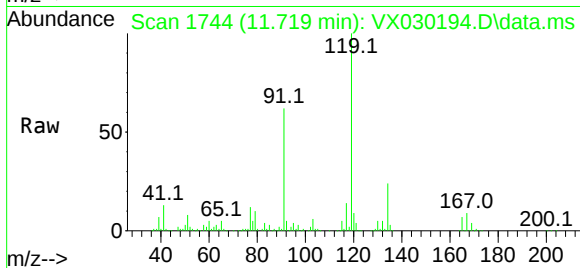
134 23.3 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#84

1,2,4-Trimethylbenzene

Concen: 21.267 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030194.D

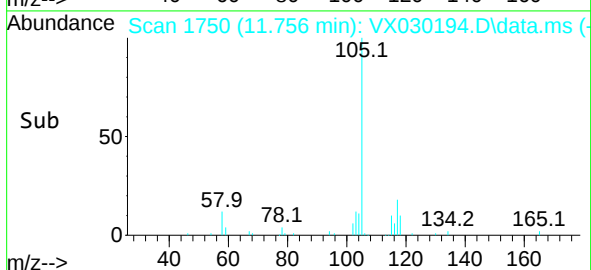
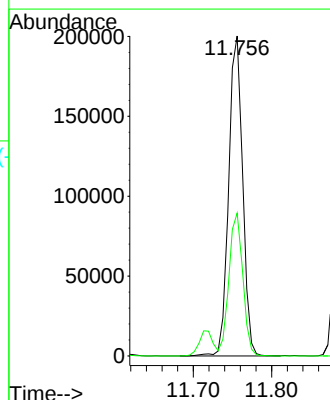
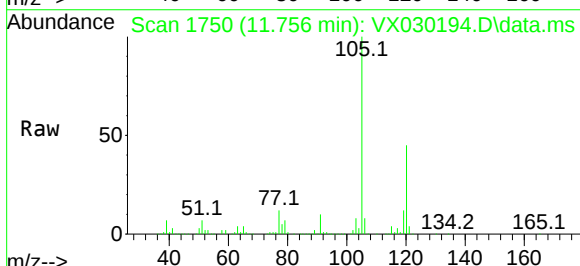
Acq: 25 Jul 2022 15:39

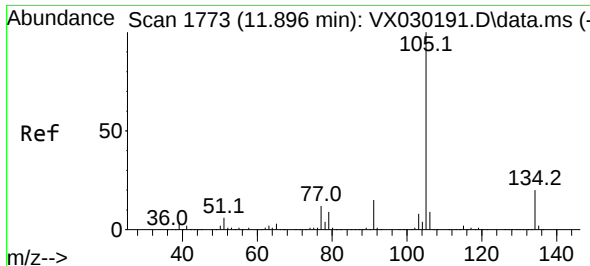
Tgt Ion:105 Resp: 248271

Ion Ratio Lower Upper

105 100

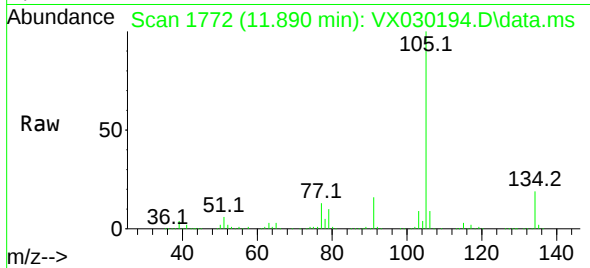
120 44.3 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 21.093 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: VX030194.D
 Acq: 25 Jul 2022 15:39

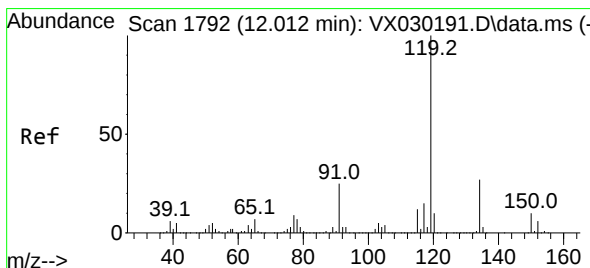
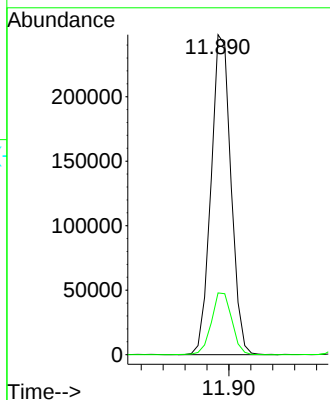
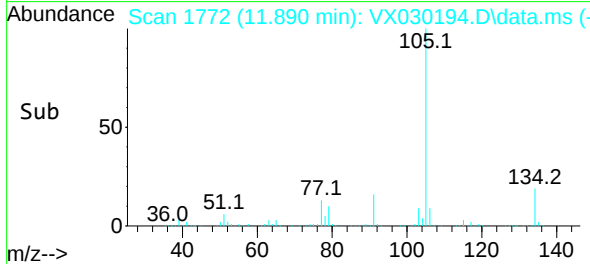
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



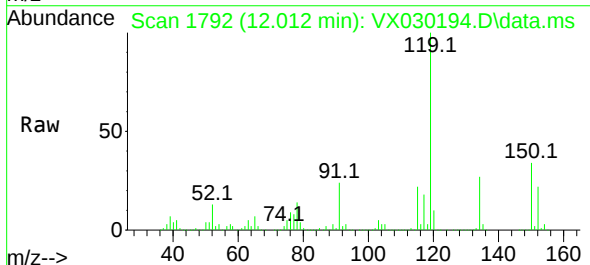
Tgt Ion:105 Resp: 31331
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

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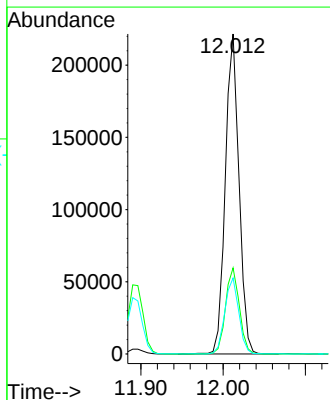
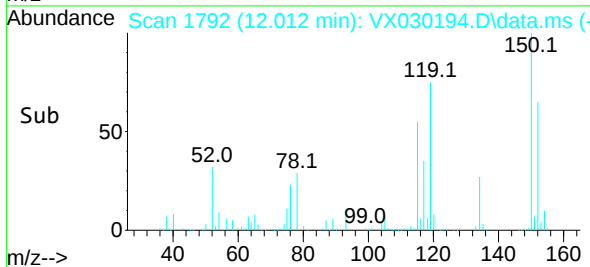
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

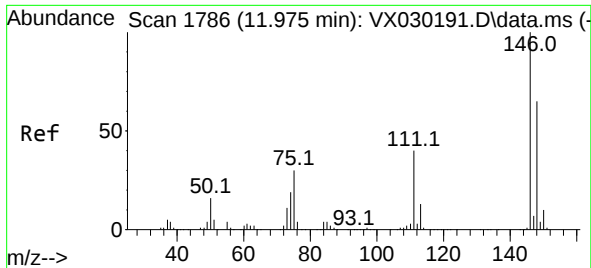


#86
 p-Isopropyltoluene
 Concen: 21.539 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030194.D
 Acq: 25 Jul 2022 15:39



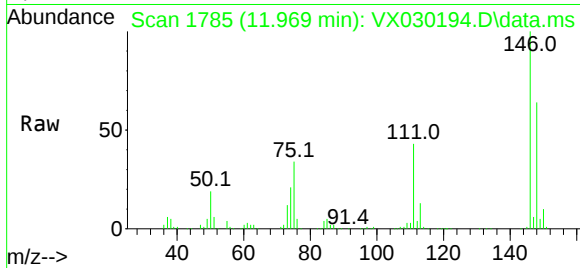
Tgt Ion:119 Resp: 255694
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.9 41.6
 91 24.3 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 20.611 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

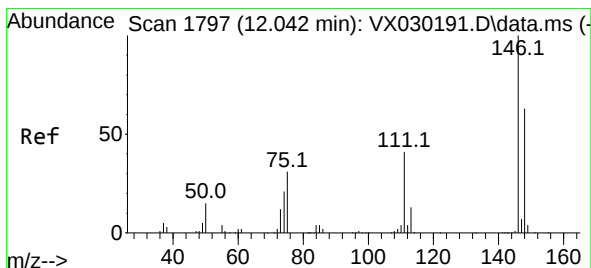
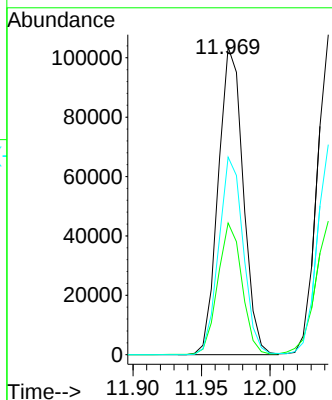
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 131000
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.8
148 63.2 31.8 95.3

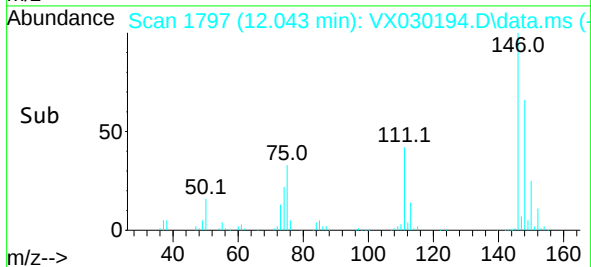
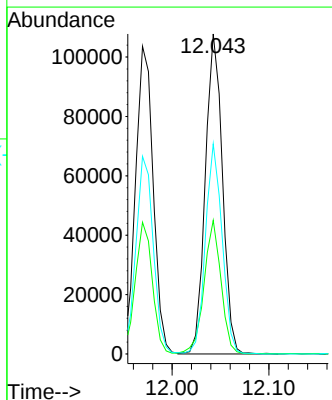
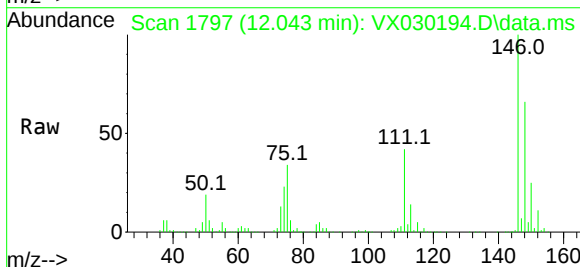
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 20.756 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

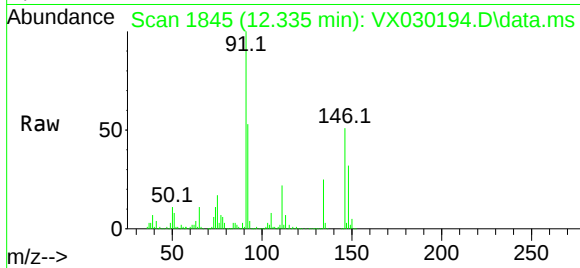
Tgt Ion:146 Resp: 132609
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 64.1 32.3 96.8





#89
n-Butylbenzene
Concen: 21.727 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

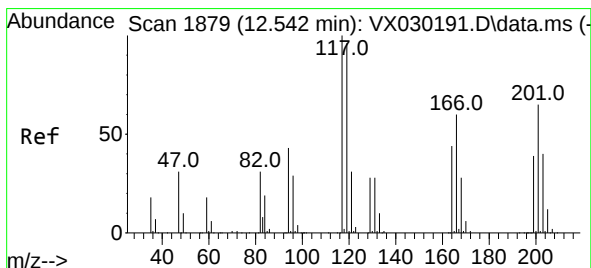
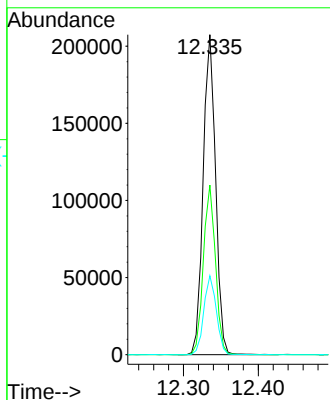
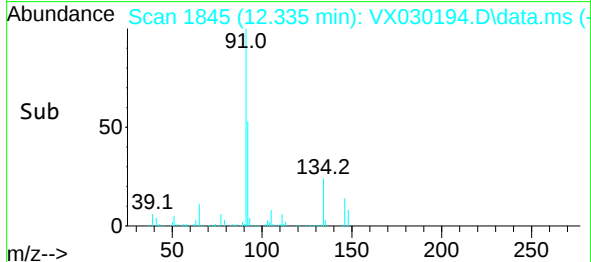
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



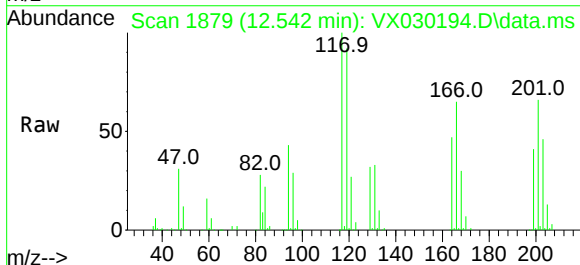
Tgt Ion: 91 Resp: 239560
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 24.9 12.6 37.8

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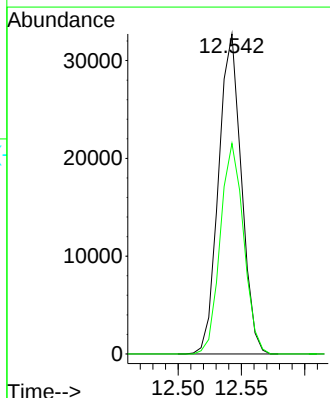
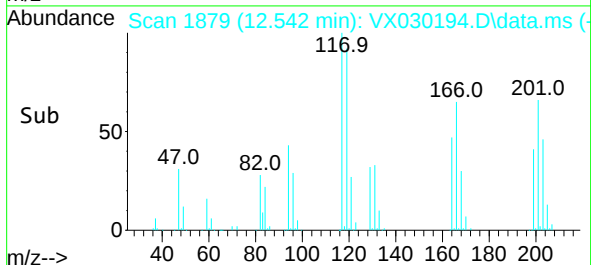
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

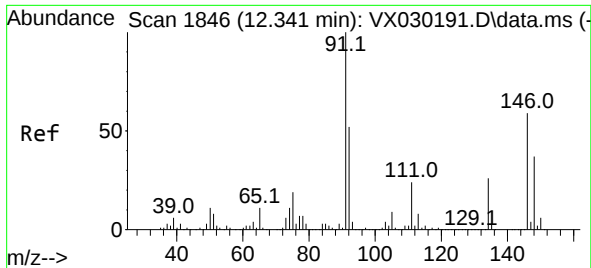


#90
Hexachloroethane
Concen: 20.057 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



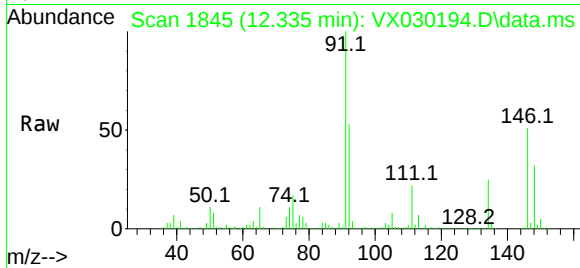
Tgt Ion:117 Resp: 41003
Ion Ratio Lower Upper
117 100
201 67.1 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 21.085 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

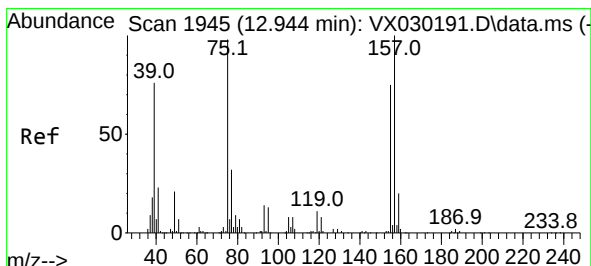
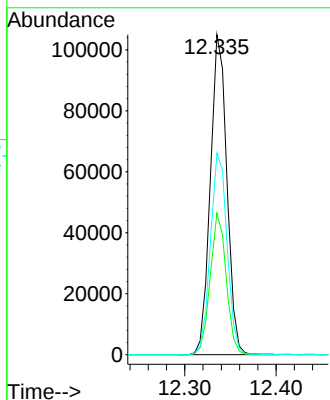
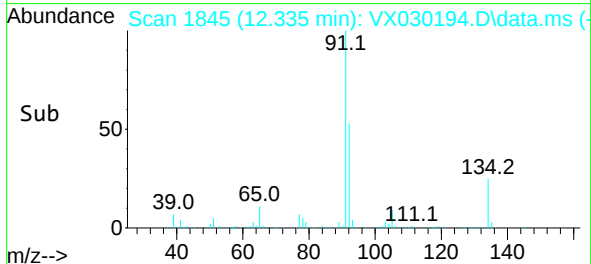
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



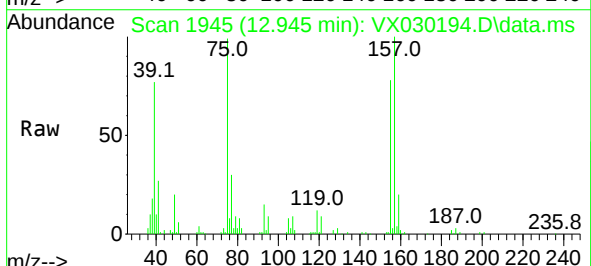
Tgt Ion:146 Resp: 131730
Ion Ratio Lower Upper
146 100
111 42.7 20.7 62.1
148 63.8 32.0 96.2

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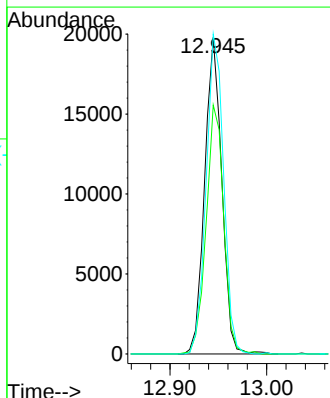
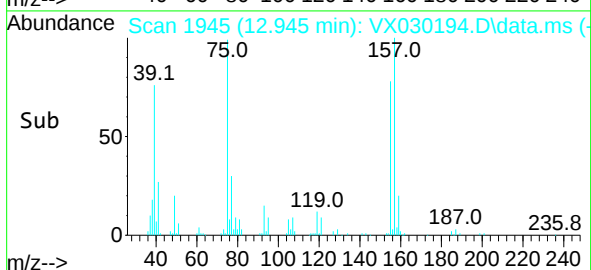
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

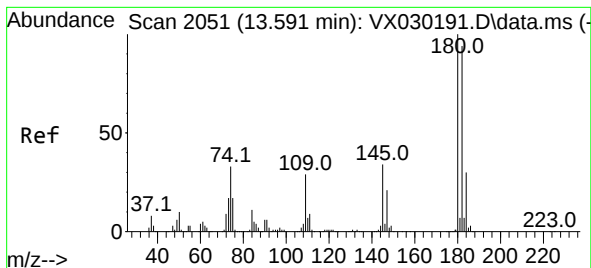


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.537 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39



Tgt Ion: 75 Resp: 24358
Ion Ratio Lower Upper
75 100
155 80.7 45.0 134.8
157 103.0 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 21.305 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

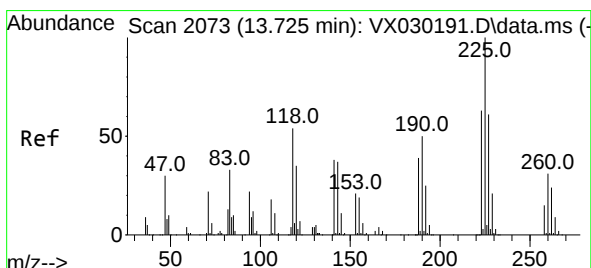
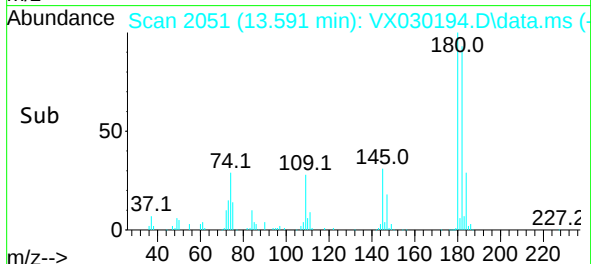
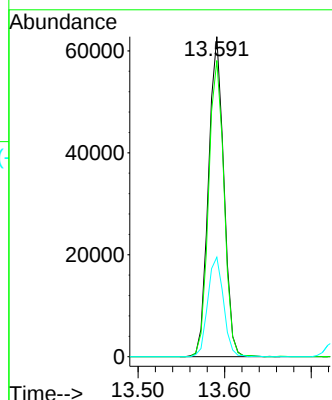
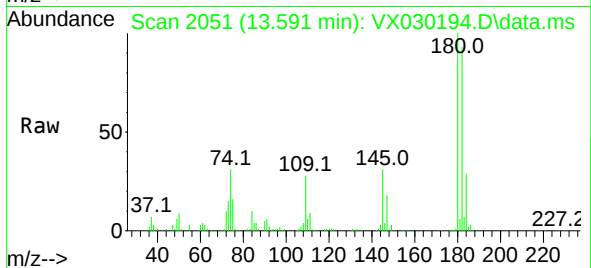
Tgt Ion:180	Resp:	77100
Ion Ratio	Lower	Upper
180	100	
182	93.2	48.2 144.6
145	31.9	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#94

Hexachlorobutadiene

Concen: 21.610 ug/l

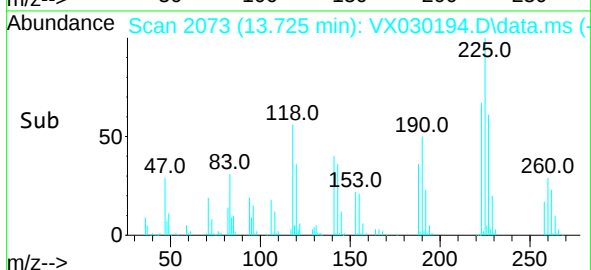
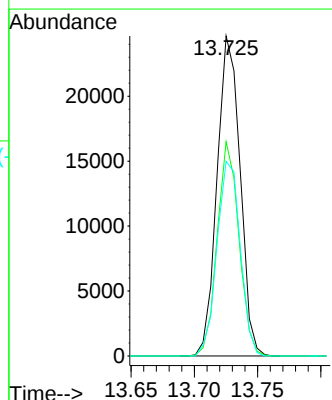
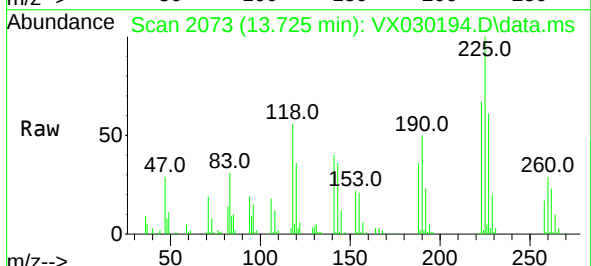
RT: 13.725 min Scan# 2073

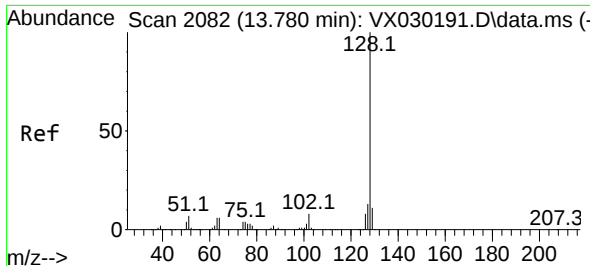
Delta R.T. 0.000 min

Lab File: VX030194.D

Acq: 25 Jul 2022 15:39

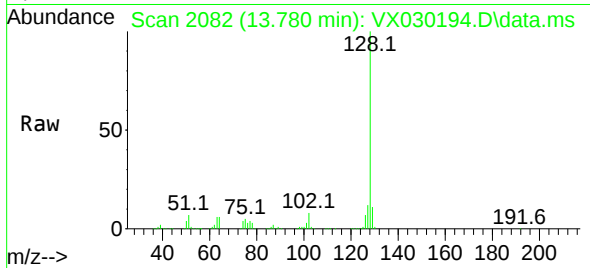
Tgt Ion:225	Resp:	31102
Ion Ratio	Lower	Upper
225	100	
223	63.2	30.6 91.6
227	61.5	31.9 95.9





#95
Naphthalene
Concen: 20.917 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

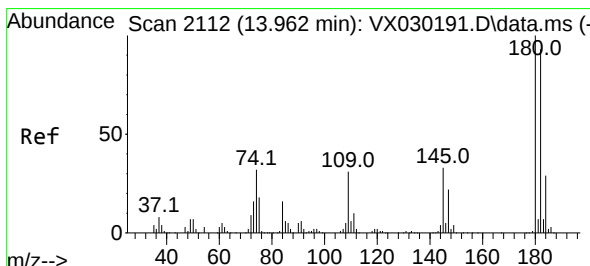
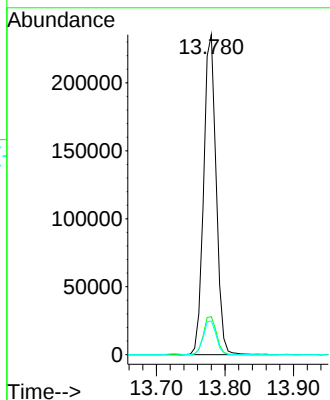
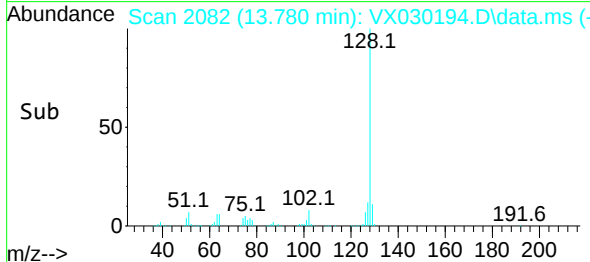
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 298244
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 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: 20.483 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030194.D
Acq: 25 Jul 2022 15:39

Tgt Ion:180 Resp: 76603
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 33.6 17.0 50.9

