

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073623.D
 Acq On : 28 Jul 2022 13:47
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 29 01:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	428273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	686940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	662359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	337059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	501872	96.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 192.320%#			
35) Dibromofluoromethane	7.951	113	432287	100.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.440%#			
50) Toluene-d8	10.380	98	1776003	104.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 209.260%#			
62) 4-Bromofluorobenzene	12.674	95	604054	115.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 230.160%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	372204	91.033	ug/l	98
3) Chloromethane	2.263	50	483589	80.879	ug/l	98
4) Vinyl Chloride	2.404	62	610397	84.640	ug/l	99
5) Bromomethane	2.775	94	187158	44.419	ug/l	100
6) Chloroethane	2.934	64	409845	81.057	ug/l	100
7) Trichlorofluoromethane	3.293	101	785030	105.302	ug/l	100
8) Diethyl Ether	3.757	74	255307	93.383	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.128	101	370156	87.127	ug/l	99
10) Methyl Iodide	4.346	142	473545	112.446	ug/l	99
11) Tert butyl alcohol	5.298	59	545811	484.908	ug/l	100
12) 1,1-Dichloroethene	4.104	96	371324	93.177	ug/l	96
13) Acrolein	3.975	56	532039	476.777	ug/l	99
14) Allyl chloride	4.757	41	605142	91.762	ug/l	99
15) Acrylonitrile	5.475	53	1462485	474.679	ug/l	100
16) Acetone	4.222	43	1175810	420.617	ug/l	99
17) Carbon Disulfide	4.451	76	993830	90.916	ug/l	100
18) Methyl Acetate	4.775	43	616991	88.751	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	1363844	99.957	ug/l	97
20) Methylene Chloride	5.010	84	443702	79.800	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	416713	94.448	ug/l	97
22) Diisopropyl ether	6.410	45	1341205	98.088	ug/l	98
23) Vinyl Acetate	6.345	43	5983800	515.893	ug/l	99
24) 1,1-Dichloroethane	6.304	63	766137	90.650	ug/l	98
25) 2-Butanone	7.257	43	2018292	460.963	ug/l	100
26) 2,2-Dichloropropane	7.245	77	623551	91.504	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	504366	93.497	ug/l	96
28) Bromochloromethane	7.586	49	344301	96.628	ug/l	99
29) Tetrahydrofuran	7.610	42	1313009	474.491	ug/l	99
30) Chloroform	7.745	83	811841	90.744	ug/l	99
31) Cyclohexane	8.022	56	679875	87.497	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	701500	94.473	ug/l	98
36) 1,1-Dichloropropene	8.151	75	595012	96.738	ug/l	100
37) Ethyl Acetate	7.339	43	764788	98.559	ug/l	98
38) Carbon Tetrachloride	8.133	117	599616	97.275	ug/l	98
39) Methylcyclohexane	9.392	83	762649	105.310	ug/l	98
40) Benzene	8.392	78	1886723	95.291	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	375613m	103.100	ug/l	
42) 1,2-Dichloroethane	8.463	62	616319	91.095	ug/l	99
43) Isopropyl Acetate	8.492	43	1116677	102.739	ug/l	100
44) Trichloroethene	9.151	130	489635	98.113	ug/l	100
45) 1,2-Dichloropropane	9.428	63	467316	94.332	ug/l	97
46) Dibromomethane	9.516	93	331829	96.114	ug/l	100
47) Bromodichloromethane	9.698	83	640642	97.391	ug/l	99
48) Methyl methacrylate	9.498	41	498720	106.272	ug/l	90
49) 1,4-Dioxane	9.504	88	273315	2109.252	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	3978031	515.960	ug/l	100
52) Toluene	10.445	92	1238679	102.950	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	714304	109.254	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	777919	106.116	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	497392	96.932	ug/l	99
56) Ethyl methacrylate	10.704	69	812378	116.585	ug/l	98
57) 1,3-Dichloropropane	10.986	76	830650	97.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1767466	555.001	ug/l	99
59) 2-Hexanone	11.027	43	3129056	531.943	ug/l	100
60) Dibromochloromethane	11.180	129	535431	104.836	ug/l	99
61) 1,2-Dibromoethane	11.286	107	527027	101.361	ug/l	99
64) Tetrachloroethene	10.916	164	475989	90.773	ug/l	97
65) Chlorobenzene	11.710	112	1334028	94.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	503250	100.896	ug/l	98
67) Ethyl Benzene	11.786	91	2412654	102.837	ug/l	99
68) m/p-Xylenes	11.892	106	1865330	207.297	ug/l	100
69) o-Xylene	12.221	106	932148	106.751	ug/l	99
70) Styrene	12.233	104	1569565	112.353	ug/l	98
71) Bromoform	12.398	173	445627	110.038	ug/l #	99
73) Isopropylbenzene	12.521	105	2410096	97.305	ug/l	100
74) N-amyl acetate	12.333	43	944714	101.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	789626	82.729	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	594319m	74.415	ug/l	
77) Bromobenzene	12.798	156	607864	94.990	ug/l	97
78) n-propylbenzene	12.863	91	2775100	100.991	ug/l	100
79) 2-Chlorotoluene	12.951	91	1633223	95.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	2012873	99.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	272257	104.678	ug/l	95
82) 4-Chlorotoluene	13.045	91	1595219	97.027	ug/l	98
83) tert-Butylbenzene	13.263	119	1776249	99.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	2007890	101.506	ug/l	100
85) sec-Butylbenzene	13.439	105	2549701	103.940	ug/l	99
86) p-Isopropyltoluene	13.557	119	2166167	111.734	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	1108922	96.332	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	1083138	92.222	ug/l	98
89) n-Butylbenzene	13.880	91	1772382	111.462	ug/l	100
90) Hexachloroethane	14.151	117	377713	94.967	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	1094986	92.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	186573	99.195	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	664213	113.250	ug/l	99
94) Hexachlorobutadiene	15.298	225	316760	99.156	ug/l	98
95) Naphthalene	15.433	128	2210720	115.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	664977	108.354	ug/l	99

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

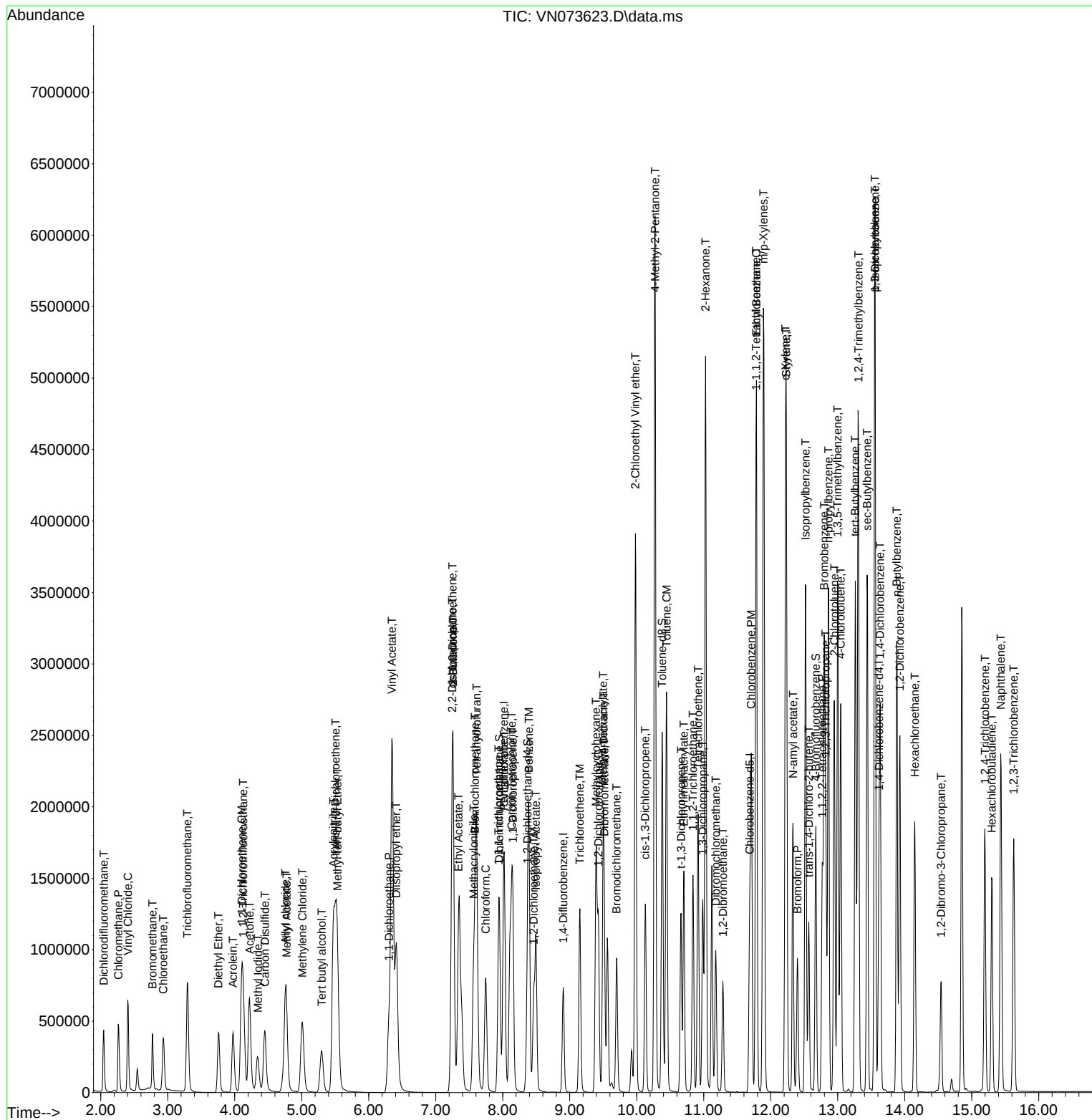
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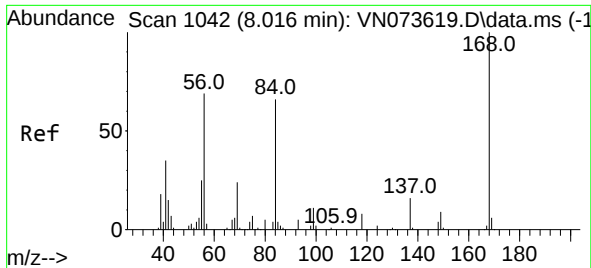
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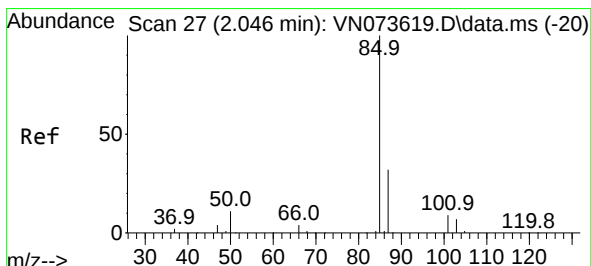
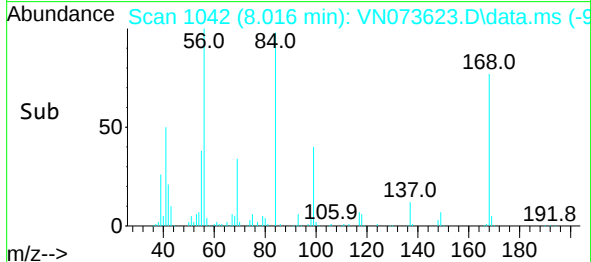
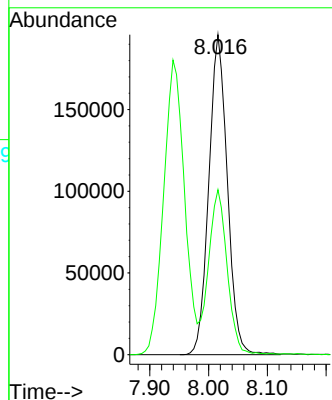
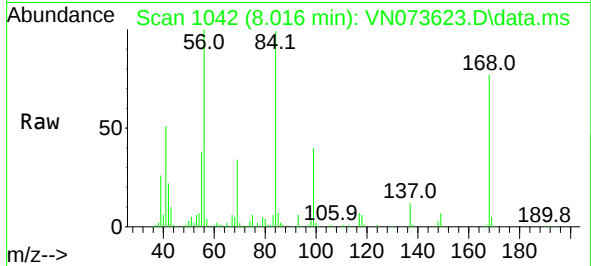
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073623.D
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ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 42827
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5

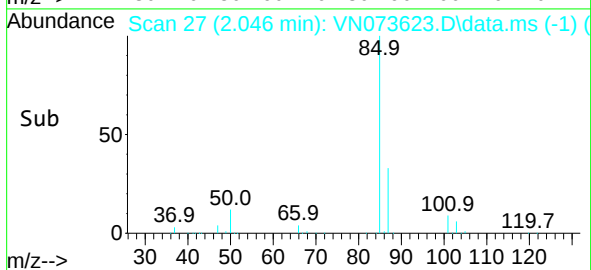
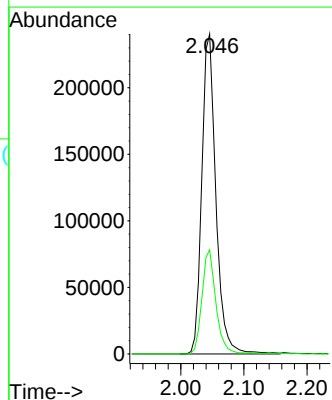
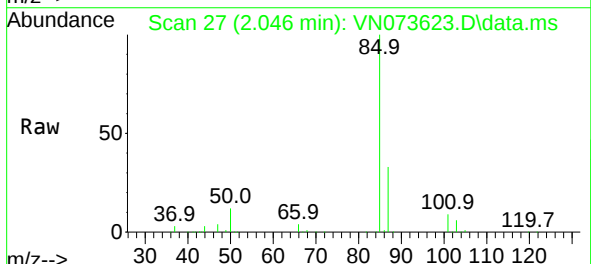
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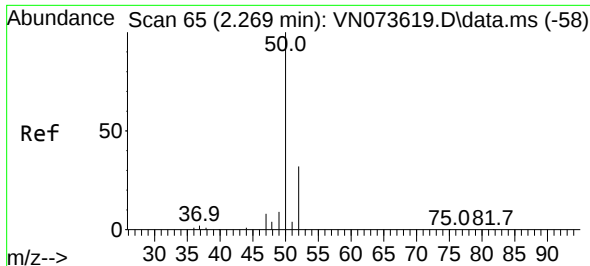
Reviewed By :John Carlone 07/29/2022
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#2
Dichlorodifluoromethane
Concen: 91.033 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

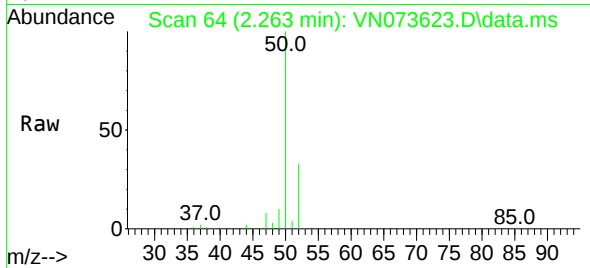
Tgt Ion: 85 Resp: 372204
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 80.879 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

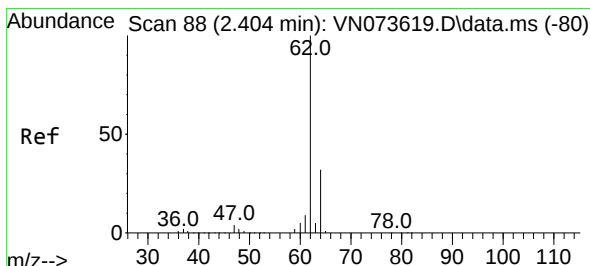
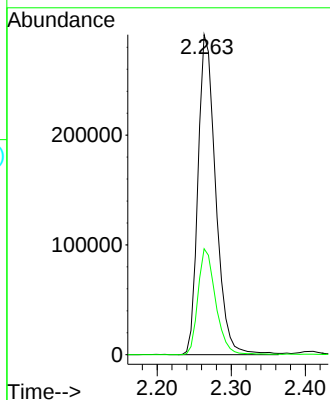
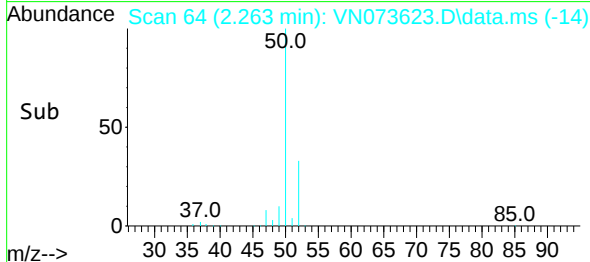
Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 483589
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

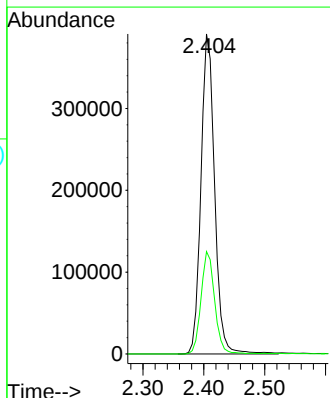
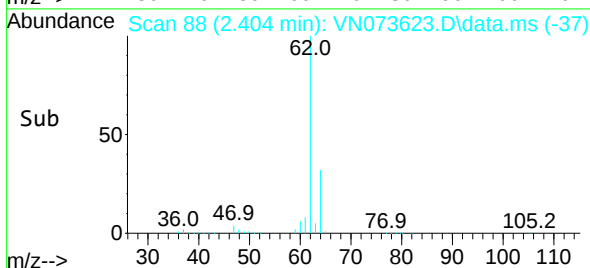
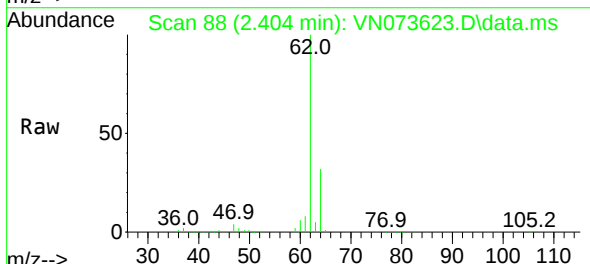
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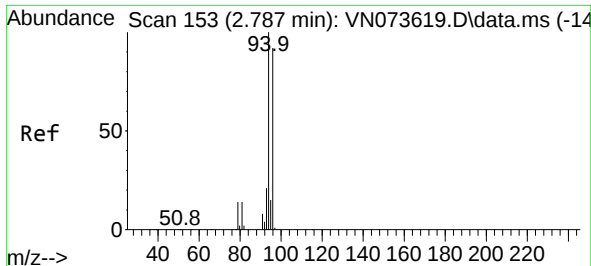
Reviewed By :John Carlone 07/29/2022
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#4
Vinyl Chloride
Concen: 84.640 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

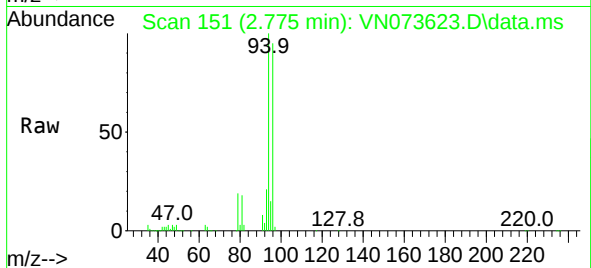
Tgt Ion: 62 Resp: 610397
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 44.419 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073623.D
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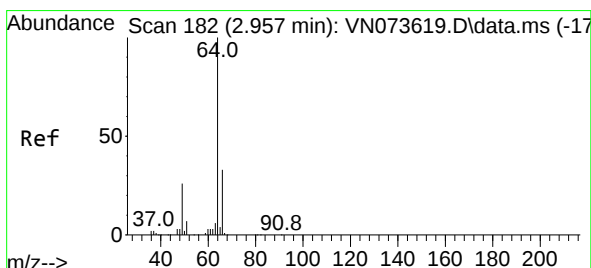
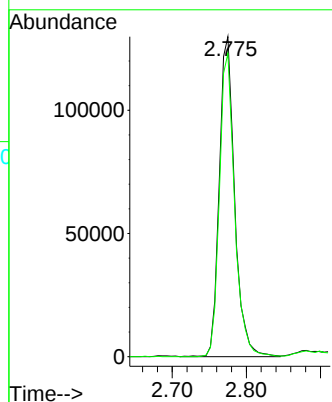
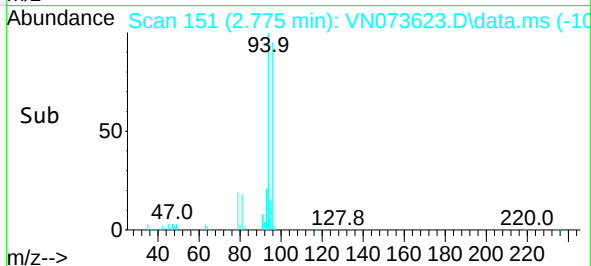
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Tgt Ion: 94 Resp: 187158
Ion Ratio Lower Upper
94 100
96 94.8 76.0 114.0

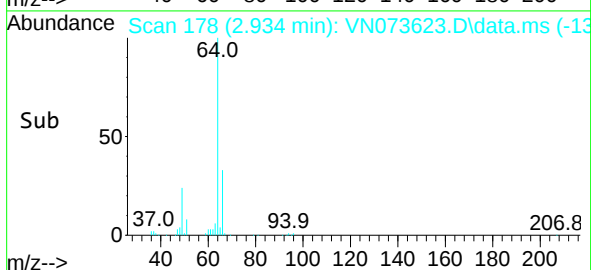
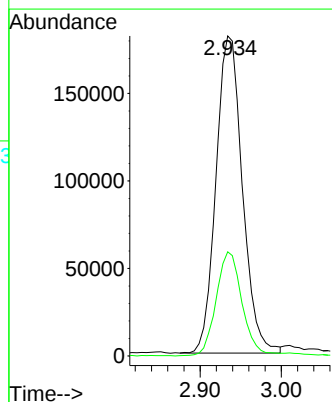
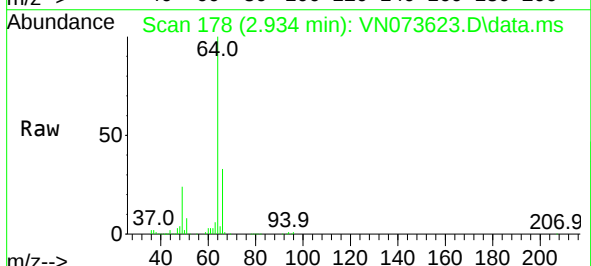
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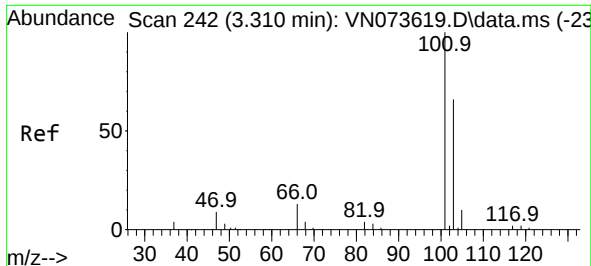
Reviewed By :John Carlone 07/29/2022
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#6
Chloroethane
Concen: 81.057 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.023 min
Lab File: VN073623.D
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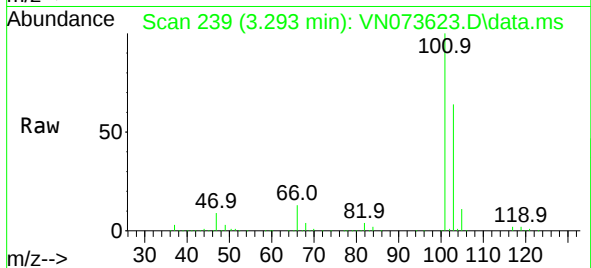
Tgt Ion: 64 Resp: 409845
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 105.302 ug/l
 RT: 3.293 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

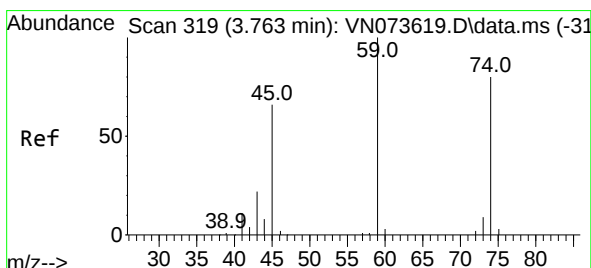
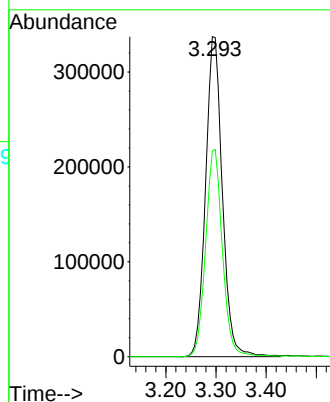
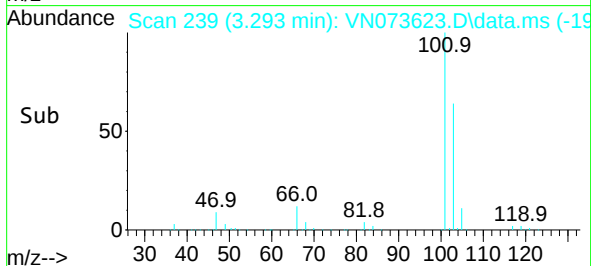
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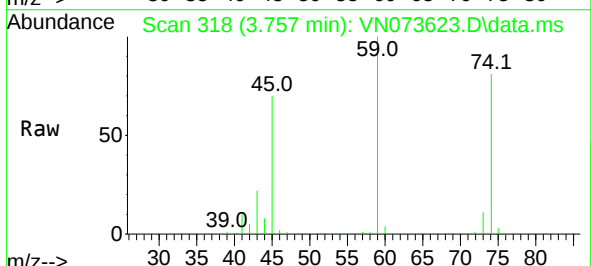
Tgt Ion:101 Resp: 785030
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

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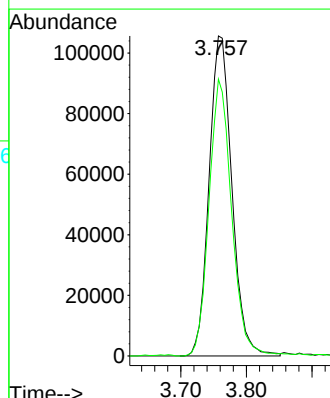
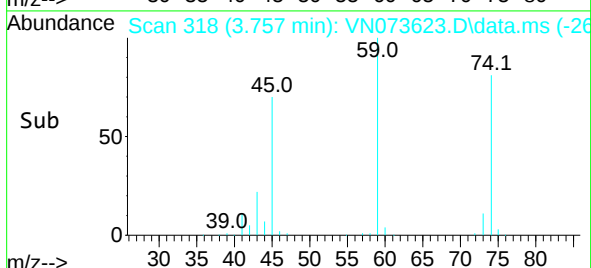
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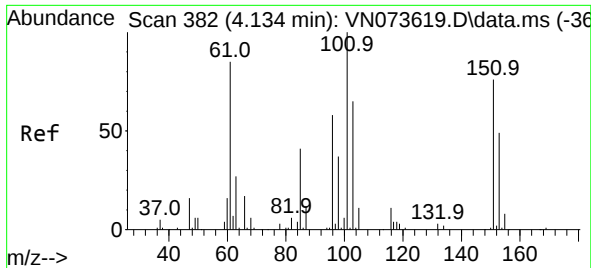


#8
 Diethyl Ether
 Concen: 93.383 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47



Tgt Ion: 74 Resp: 255307
 Ion Ratio Lower Upper
 74 100
 45 86.0 42.9 128.5





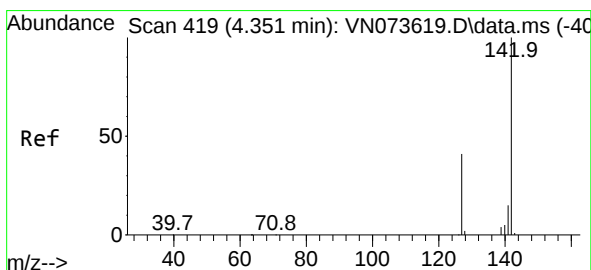
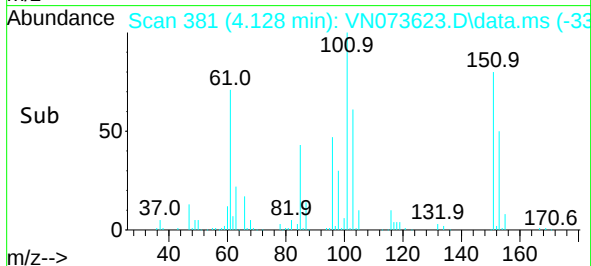
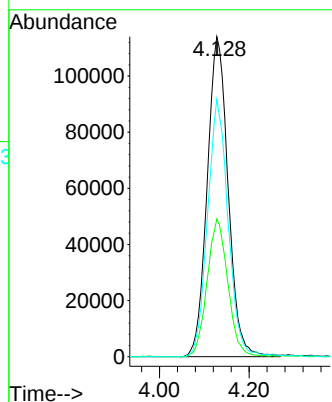
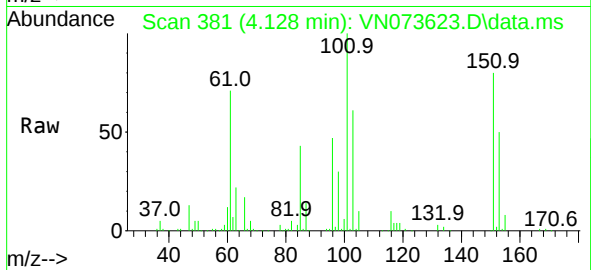
#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.127 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 370150
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 78.8 63.0 94.4

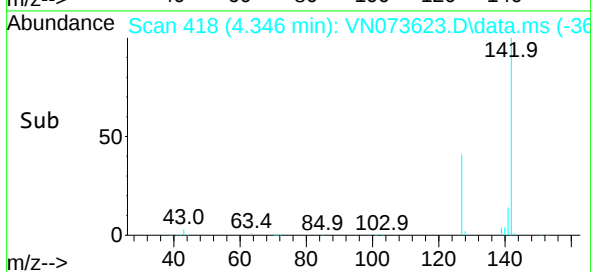
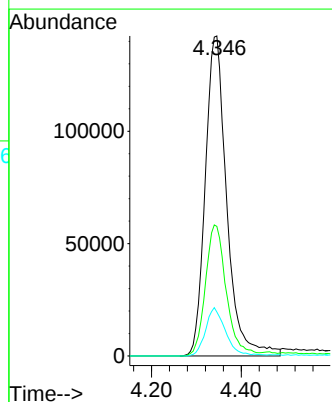
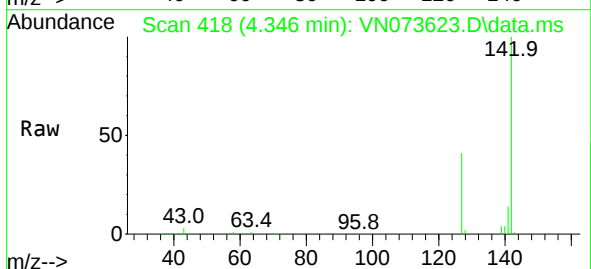
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 112.446 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

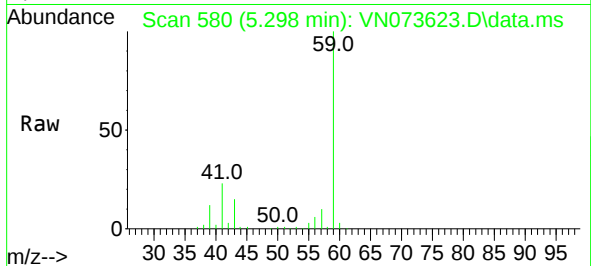
Tgt Ion:142 Resp: 473545
Ion Ratio Lower Upper
142 100
127 39.8 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 484.908 ug/l
RT: 5.298 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

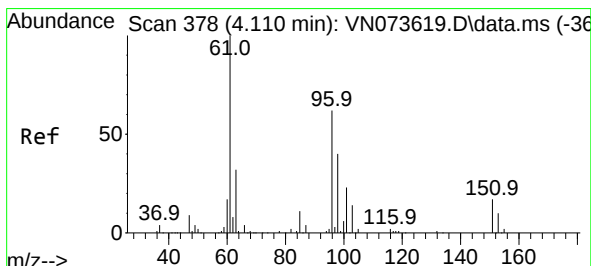
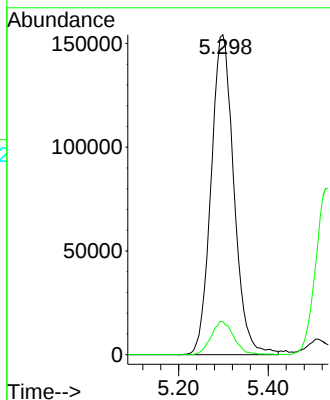
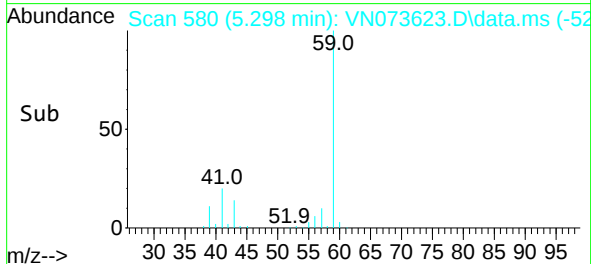
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 54581
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

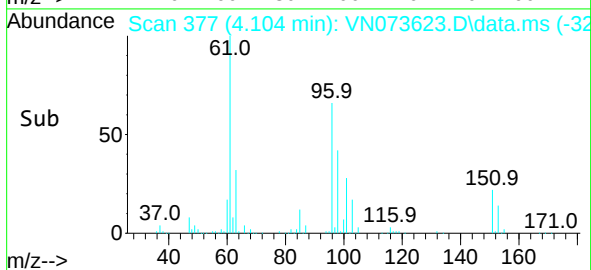
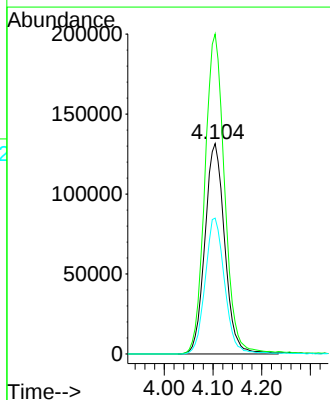
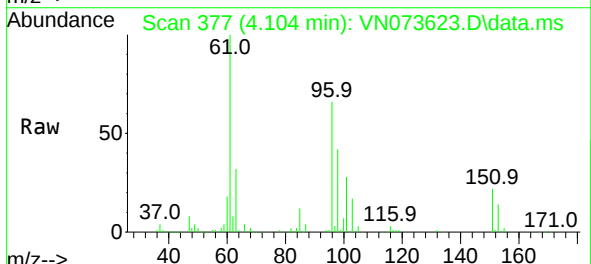
Manual Integrations
APPROVED

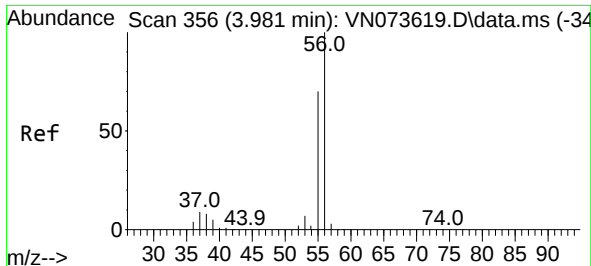
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#12
1,1-Dichloroethene
Concen: 93.177 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

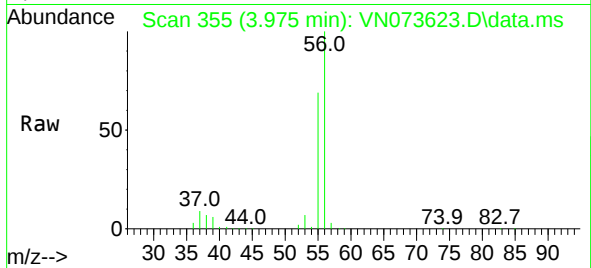
Tgt Ion: 96 Resp: 371324
Ion Ratio Lower Upper
96 100
61 152.1 127.6 191.4
98 64.6 51.2 76.8





#13
Acrolein
Concen: 476.777 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

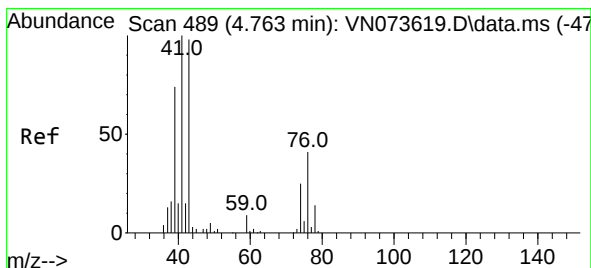
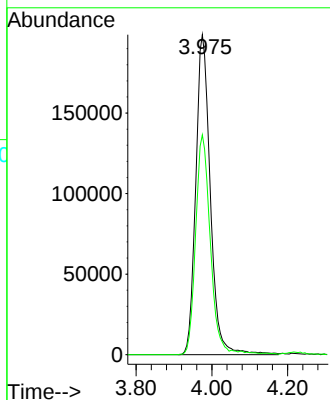
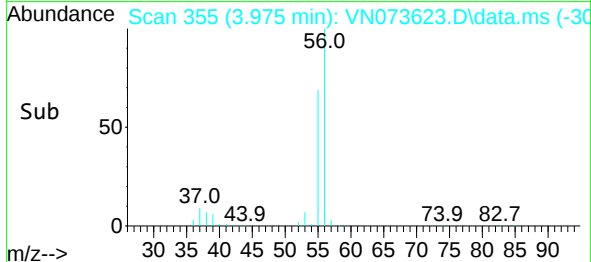
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 532039
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

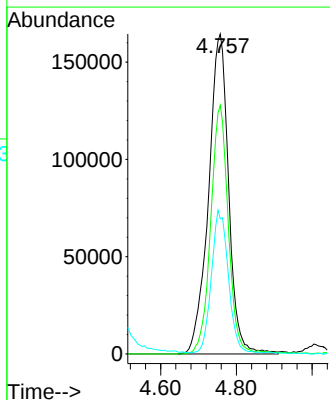
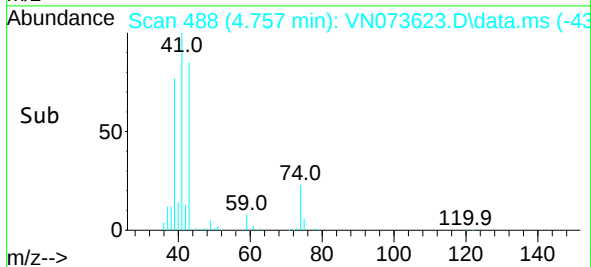
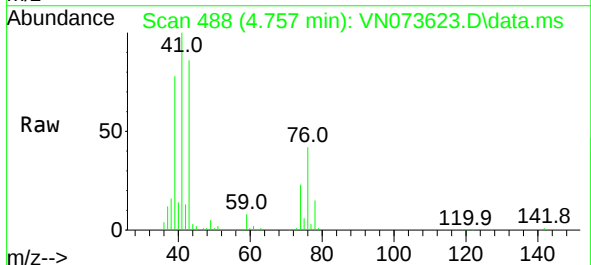
Manual Integrations
APPROVED

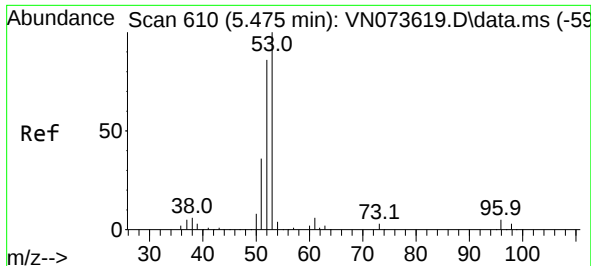
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#14
Allyl chloride
Concen: 91.762 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

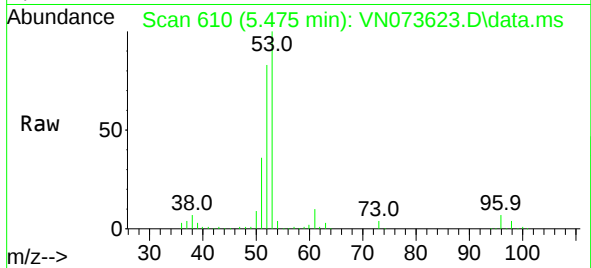
Tgt Ion: 41 Resp: 605142
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 37.0 29.9 44.9





#15
Acrylonitrile
Concen: 474.679 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

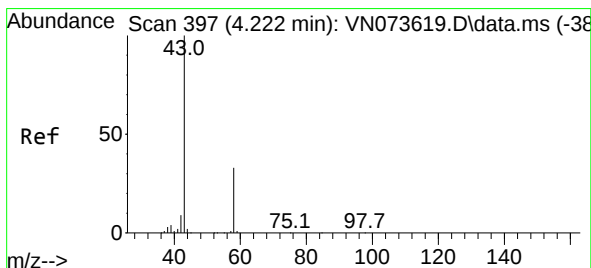
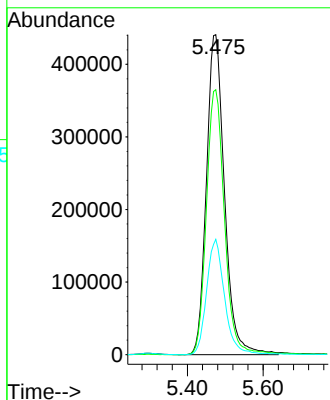
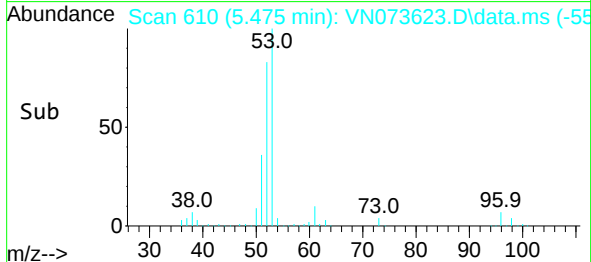


Tgt Ion: 53 Resp: 146248

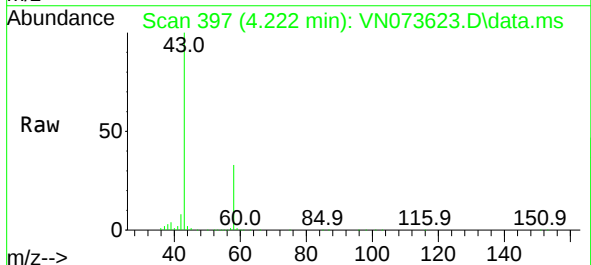
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.1	28.5	42.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

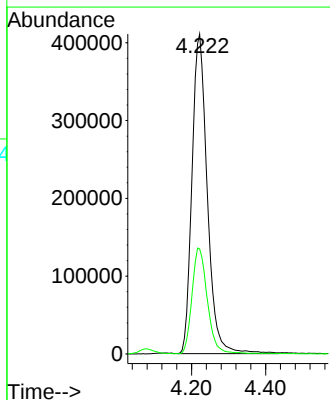
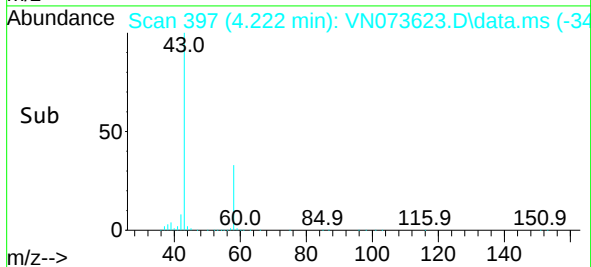


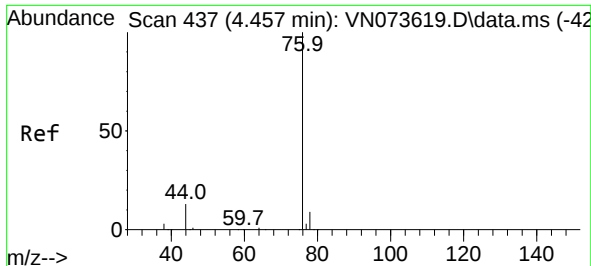
#16
Acetone
Concen: 420.617 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion: 43 Resp: 1175810

Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.0	39.0





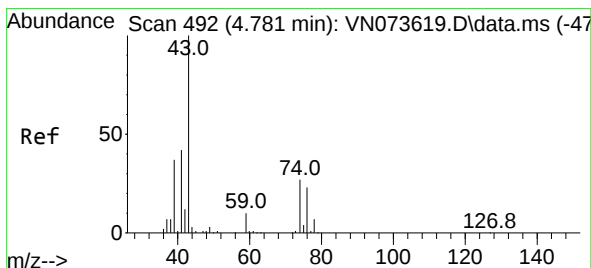
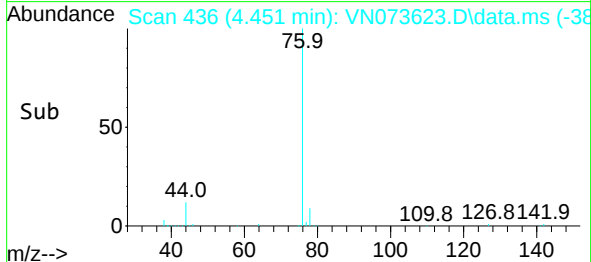
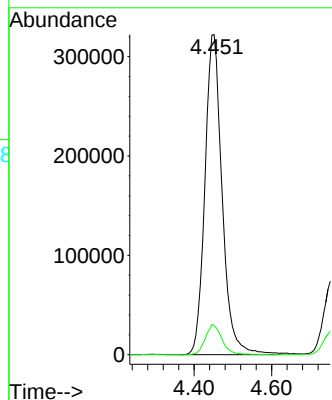
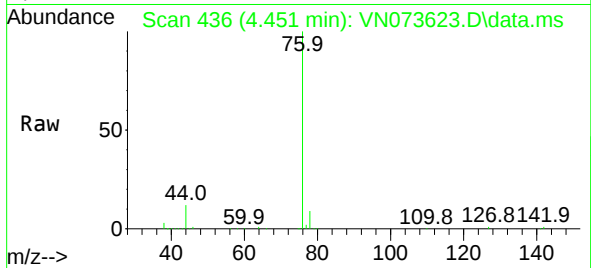
#17
Carbon Disulfide
Concen: 90.916 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 993830
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

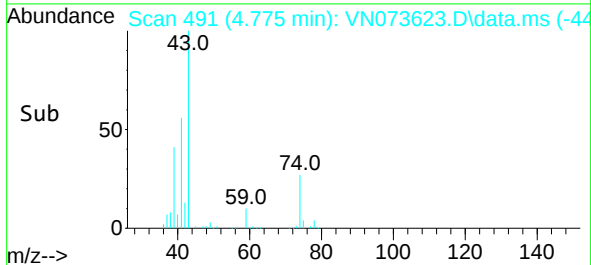
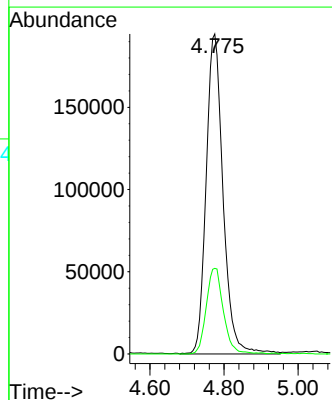
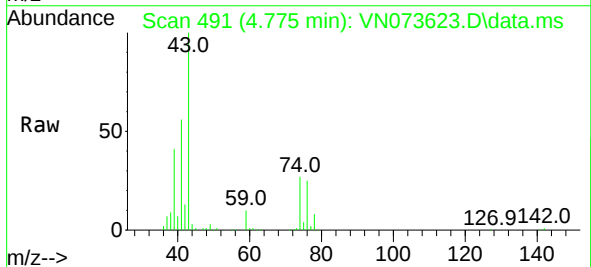
Manual Integrations
APPROVED

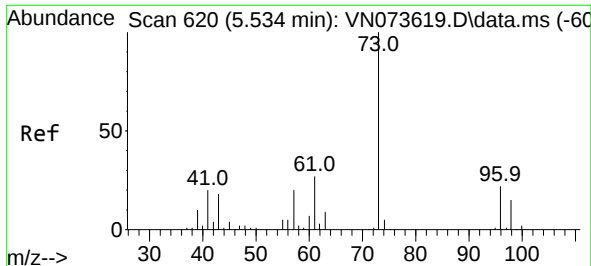
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#18
Methyl Acetate
Concen: 88.751 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion: 43 Resp: 616991
Ion Ratio Lower Upper
43 100
74 26.9 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 99.957 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 73 Resp: 136384

Ion Ratio Lower Upper

73 100

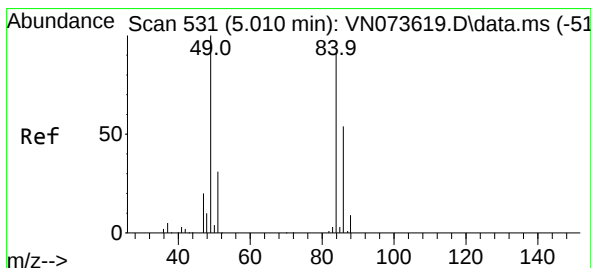
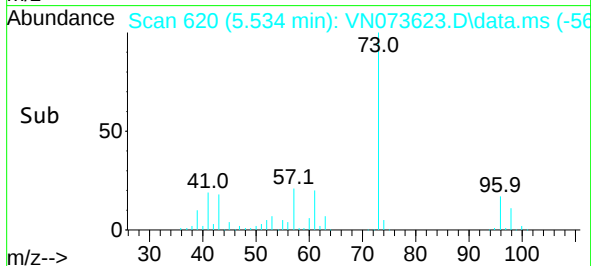
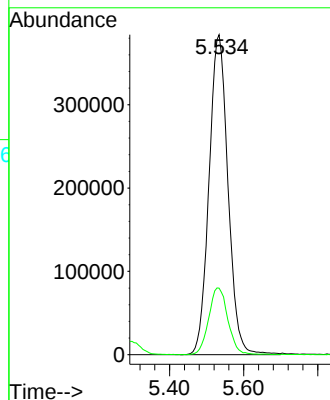
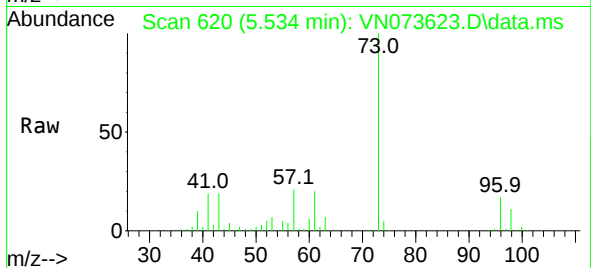
57 20.7 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#20

Methylene Chloride

Concen: 79.800 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Tgt Ion: 84 Resp: 443702

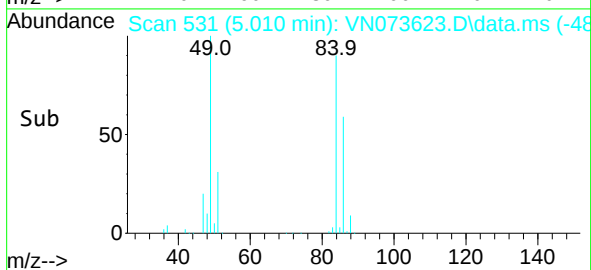
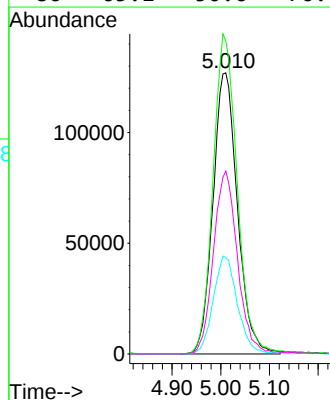
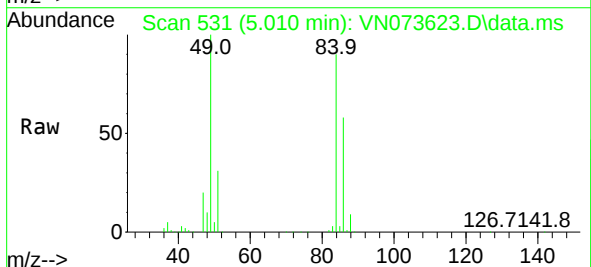
Ion Ratio Lower Upper

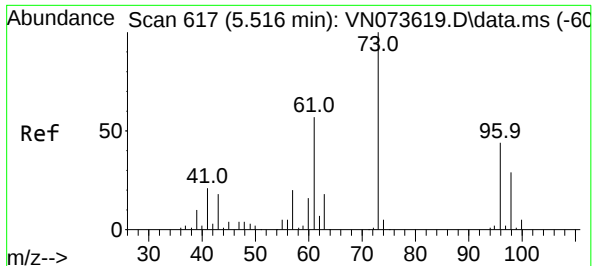
84 100

49 111.4 88.3 132.5

51 34.3 28.2 42.2

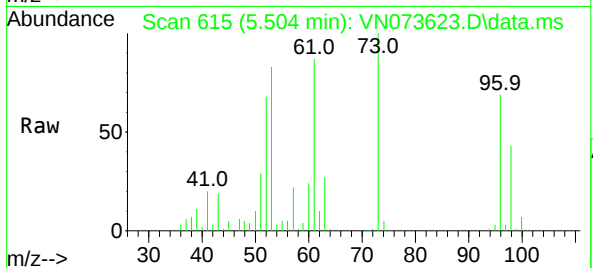
86 65.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 94.448 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

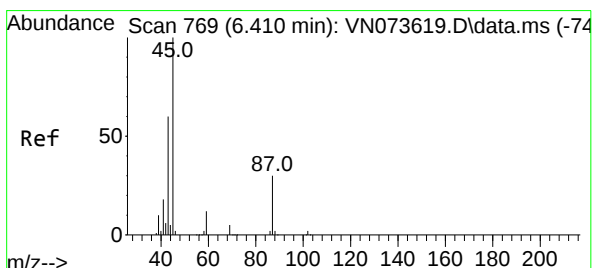
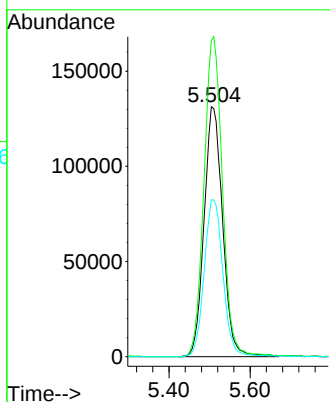
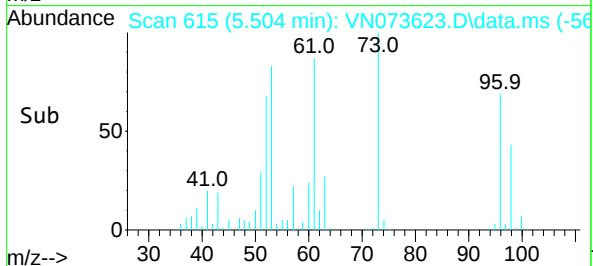
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 41671
Ion Ratio Lower Upper
96 100
61 126.4 105.8 158.8
98 62.7 50.3 75.5

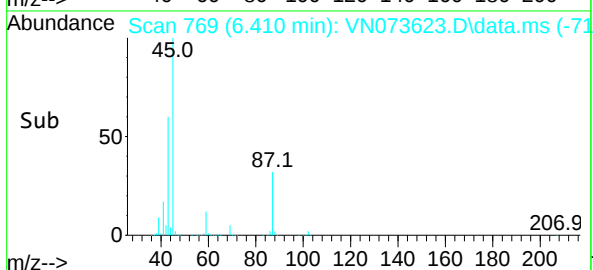
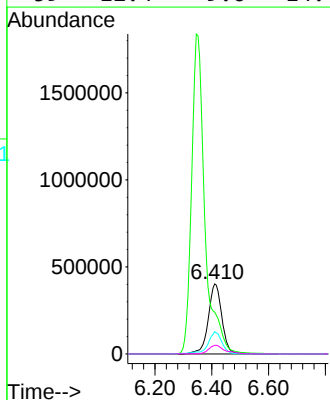
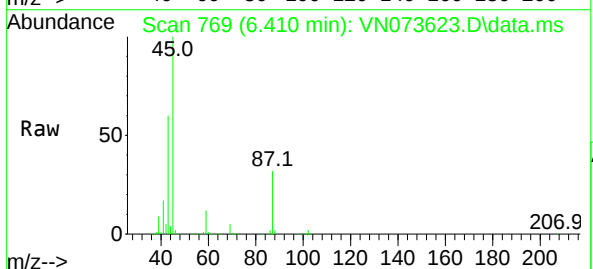
Manual Integrations
APPROVED

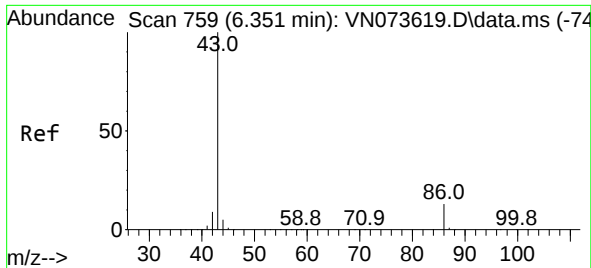
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#22
Diisopropyl ether
Concen: 98.088 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion: 45 Resp: 1341205
Ion Ratio Lower Upper
45 100
43 59.5 46.6 70.0
87 31.8 24.3 36.5
59 12.4 9.6 14.4





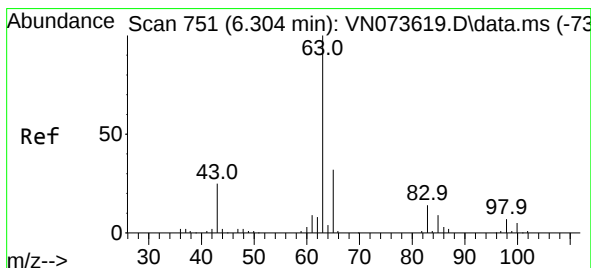
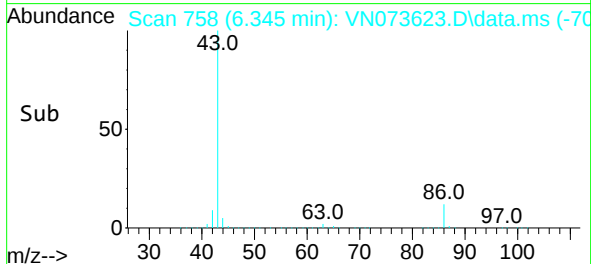
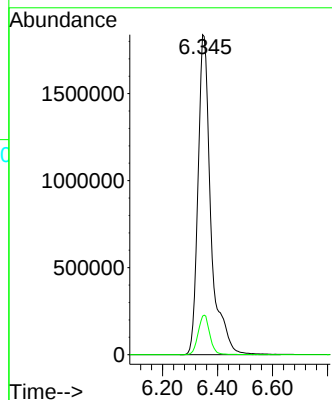
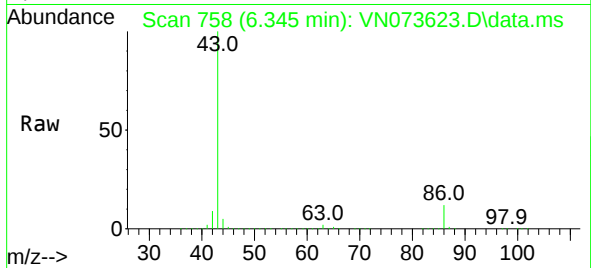
#23
 Vinyl Acetate
 Concen: 515.893 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 5983800
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.0 15.0

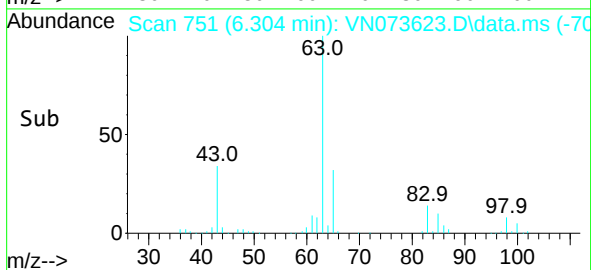
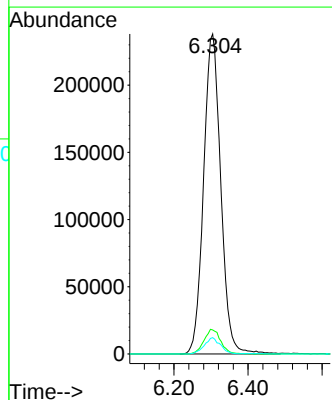
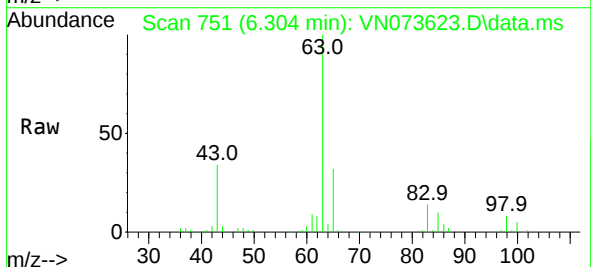
Manual Integrations
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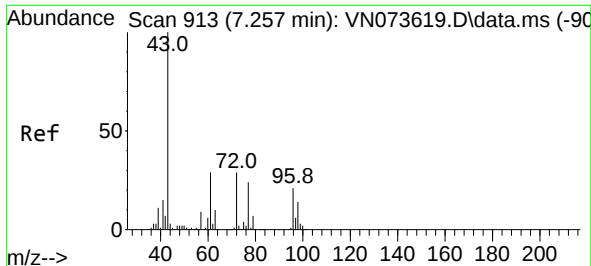
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#24
 1,1-Dichloroethane
 Concen: 90.650 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

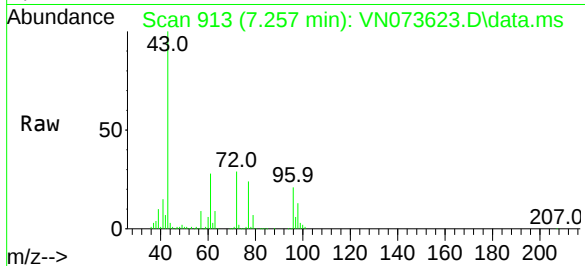
Tgt Ion: 63 Resp: 766137
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 460.963 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

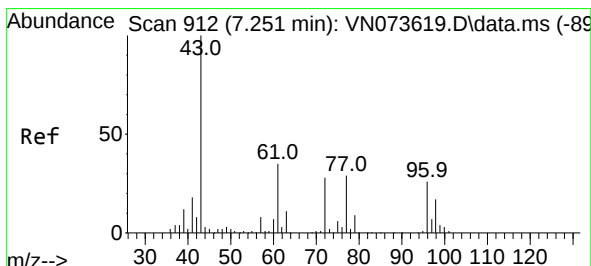
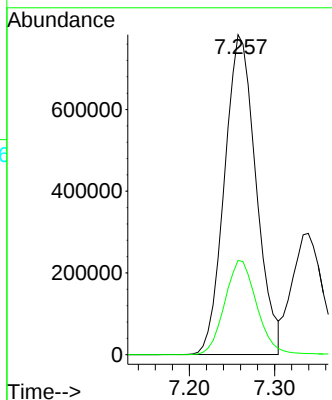
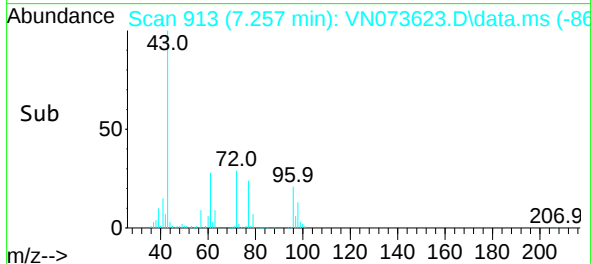
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



Tgt Ion: 43 Resp: 201829
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5

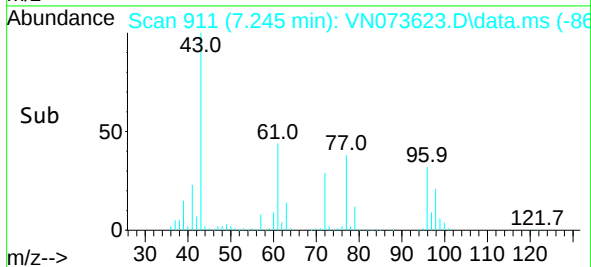
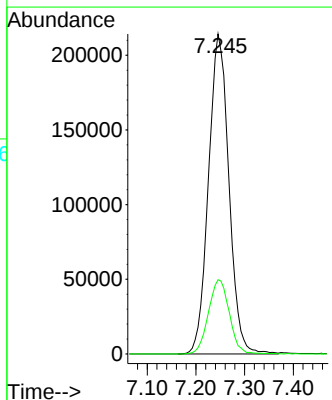
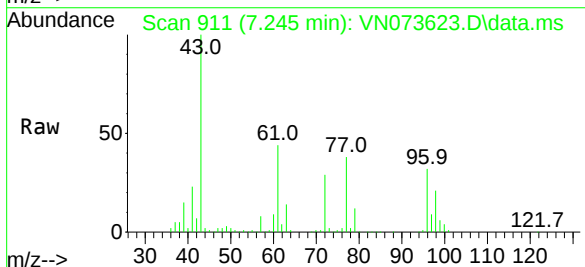
Manual Integrations
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Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#26
2,2-Dichloropropane
Concen: 91.504 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

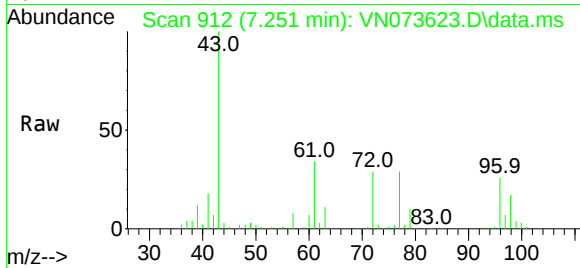
Tgt Ion: 77 Resp: 623551
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 93.497 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

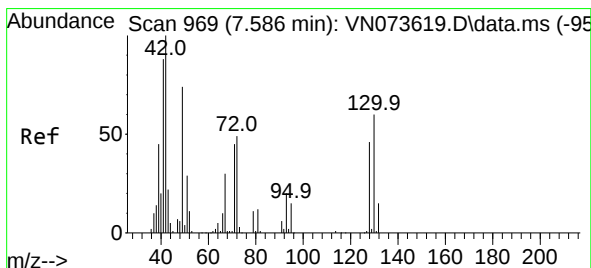
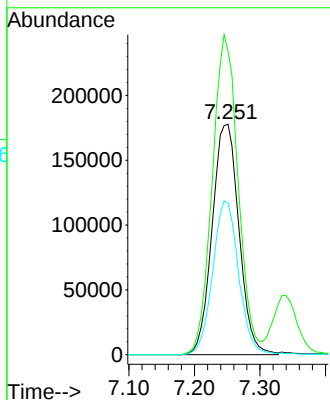
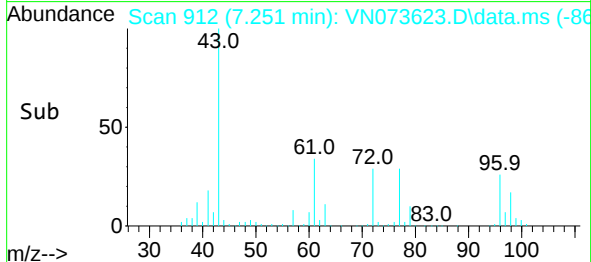
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 504360
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 280.6
 98 65.0 0.0 128.4

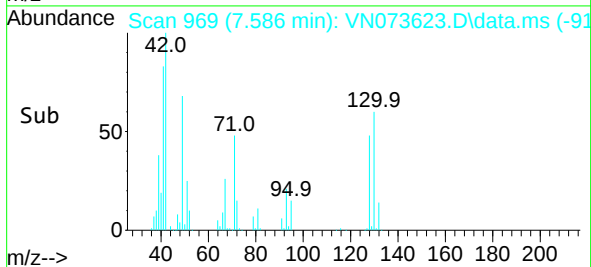
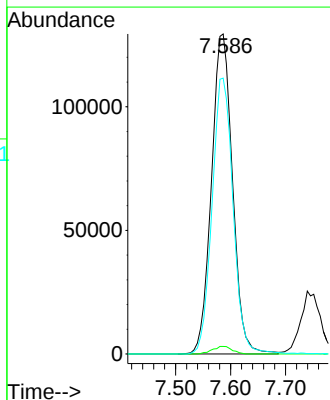
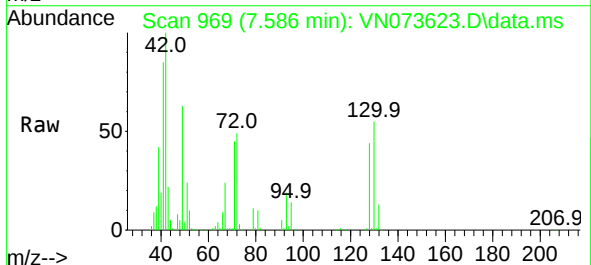
Manual Integrations
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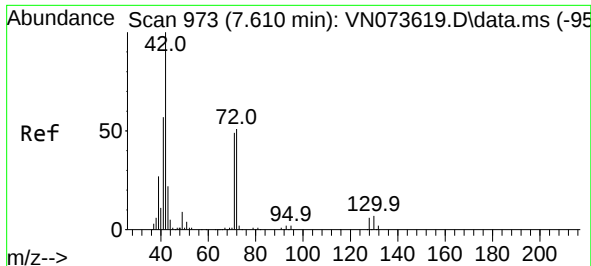
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 96.628 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

Tgt Ion: 49 Resp: 344301
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 86.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 474.491 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 1313009

Ion Ratio Lower Upper

42 100

72 50.6 39.7 59.5

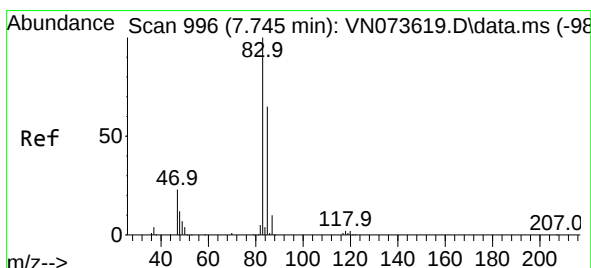
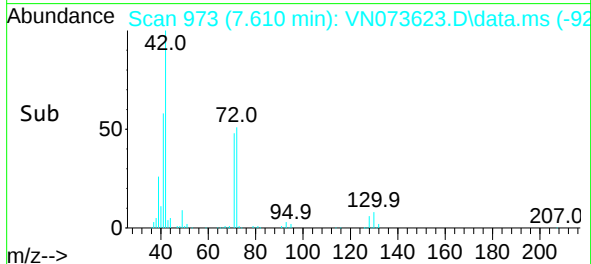
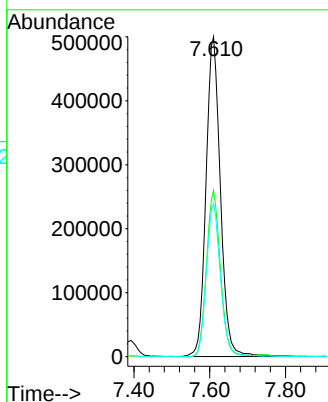
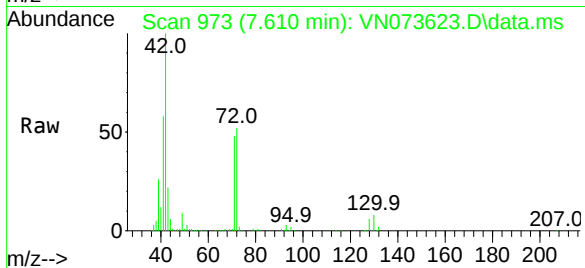
71 46.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 90.744 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073623.D

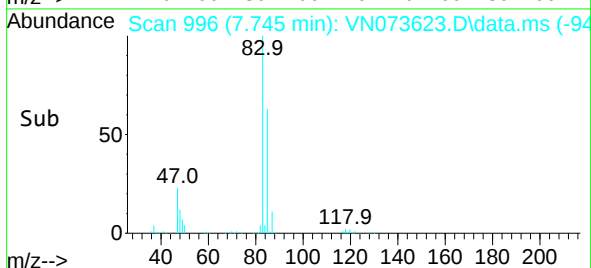
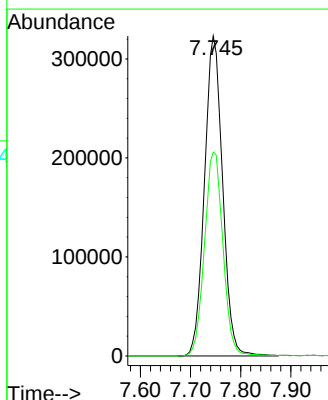
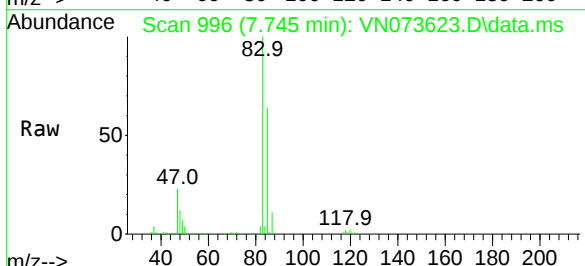
Acq: 28 Jul 2022 13:47

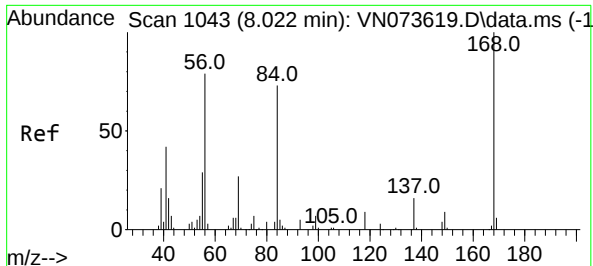
Tgt Ion: 83 Resp: 811841

Ion Ratio Lower Upper

83 100

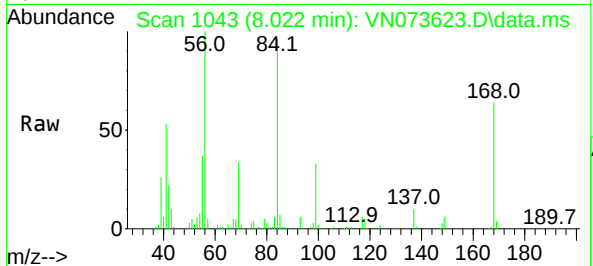
85 63.7 51.8 77.8





#31
Cyclohexane
Concen: 87.497 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

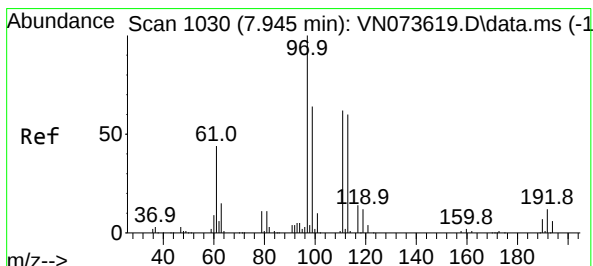
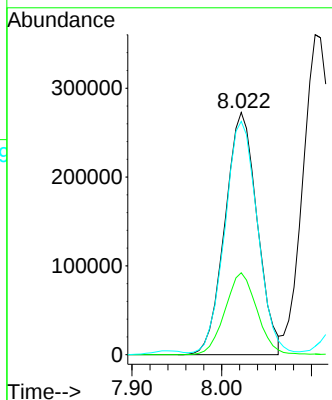
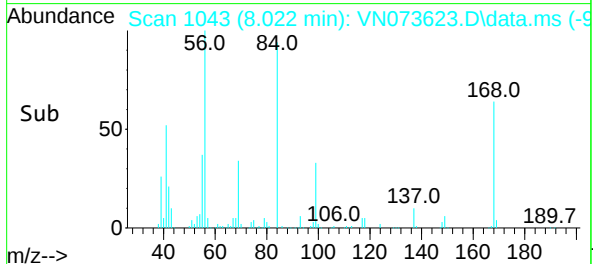
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



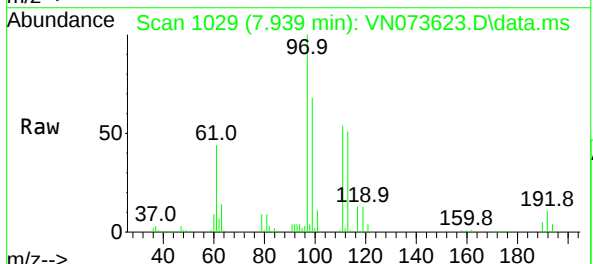
Tgt Ion: 56 Resp: 679875
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.8
84 94.9 76.9 115.3

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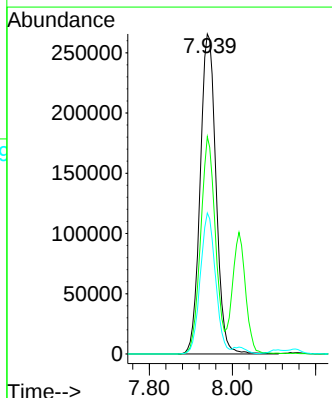
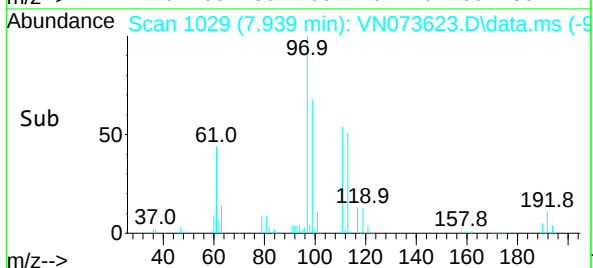
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#32
1,1,1-Trichloroethane
Concen: 94.473 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion: 97 Resp: 701500
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 42.6 36.0 54.0





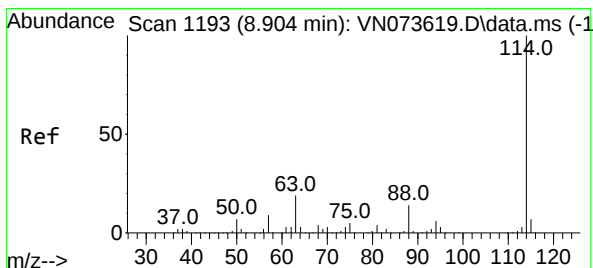
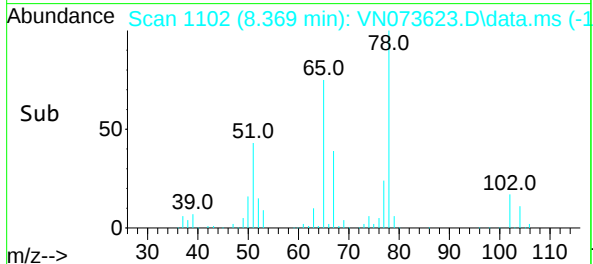
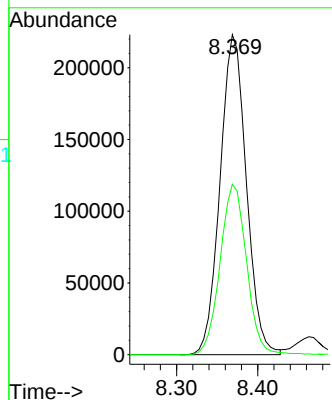
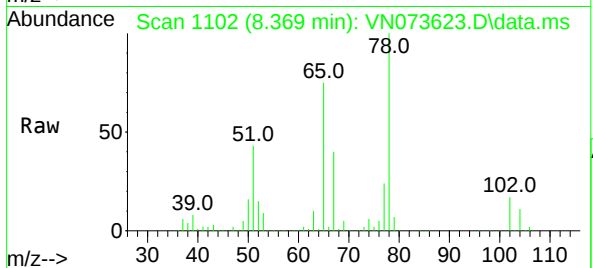
#33
1,2-Dichloroethane-d4
Concen: 96.159 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 501872
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

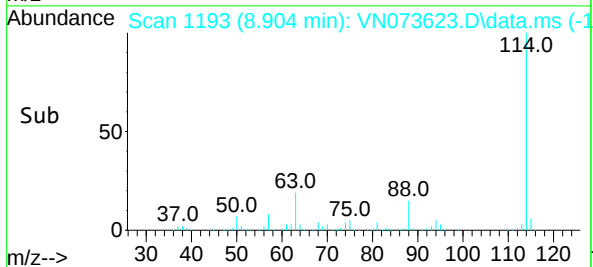
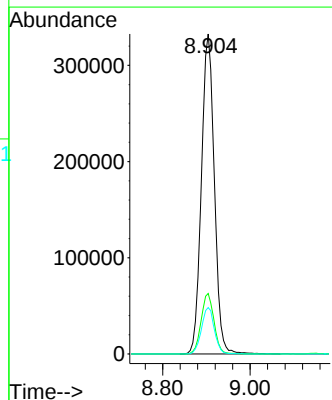
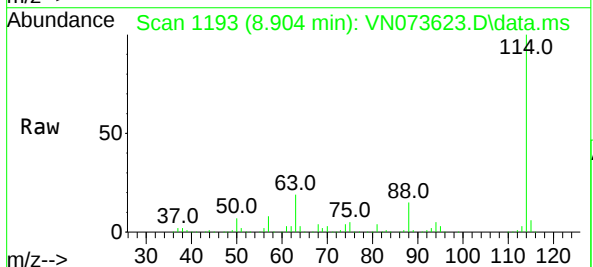
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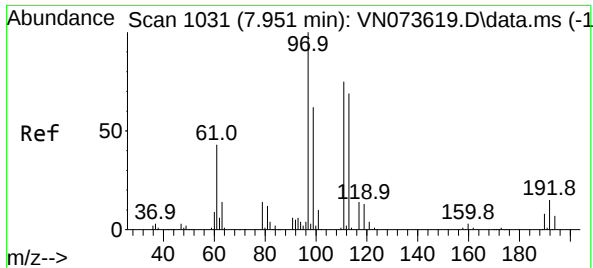
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion:114 Resp: 686940
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 100.216 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 113 Resp: 43228

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

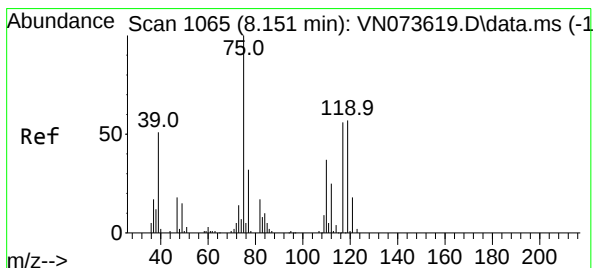
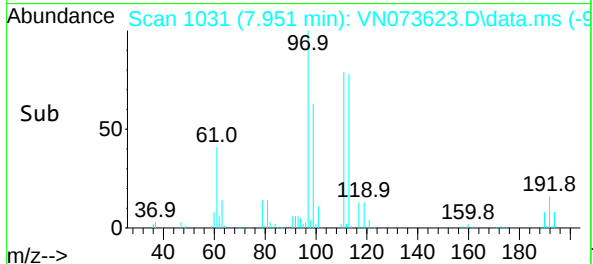
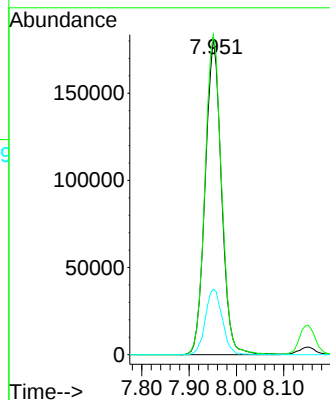
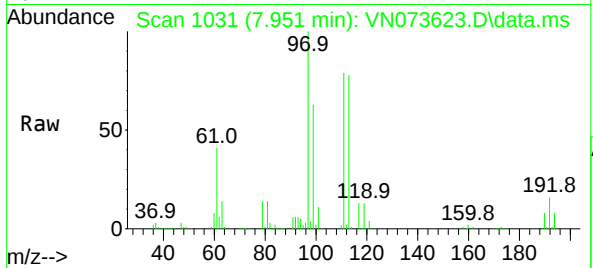
192 21.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 96.738 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

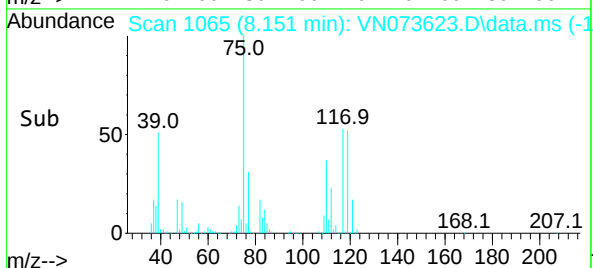
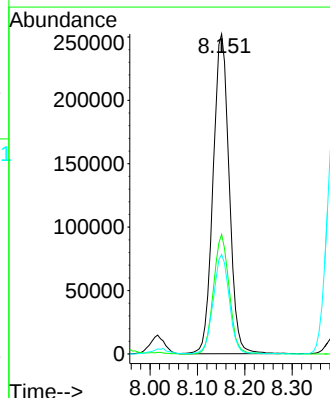
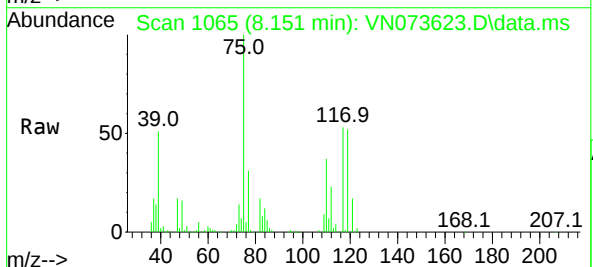
Tgt Ion: 75 Resp: 595012

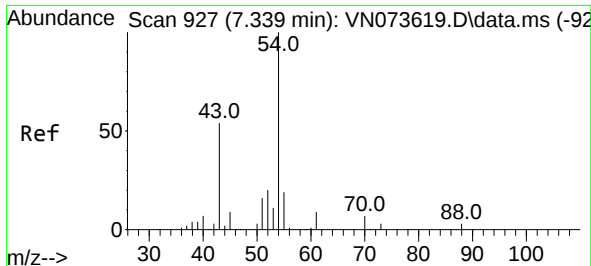
Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.8

77 31.0 25.1 37.7





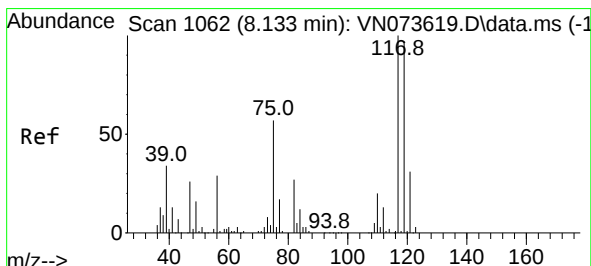
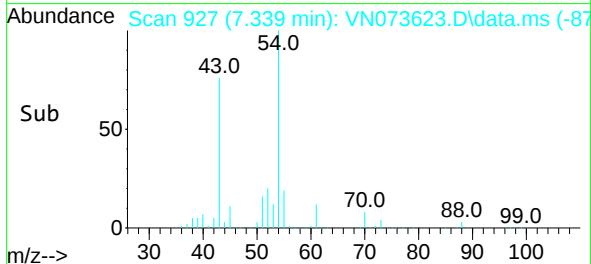
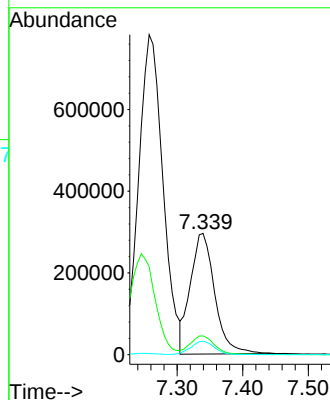
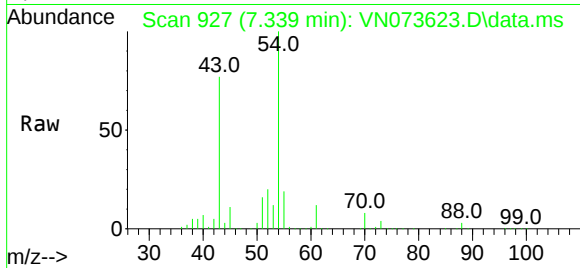
#37
Ethyl Acetate
Concen: 98.559 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 76478
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.9 9.3 13.9

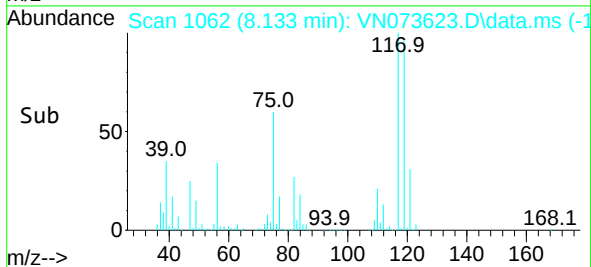
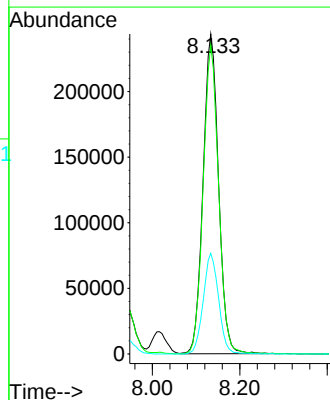
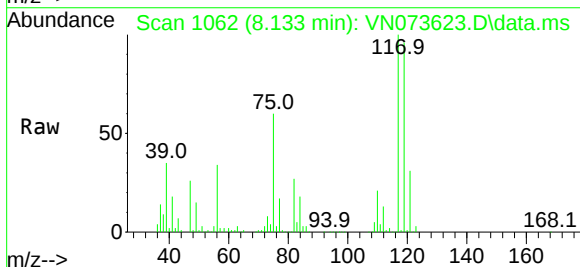
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#38
Carbon Tetrachloride
Concen: 97.275 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion:117 Resp: 599616
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 105.310 ug/l

RT: 9.392 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 762649

Ion Ratio Lower Upper

83 100

55 70.0 57.8 86.8

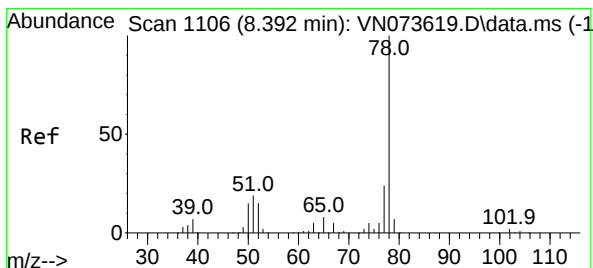
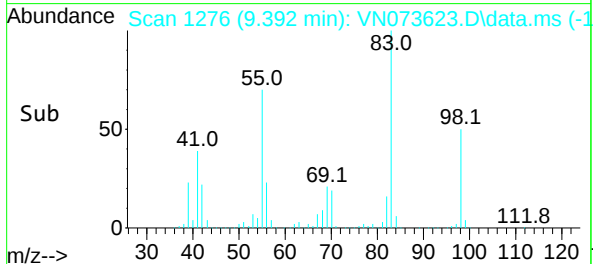
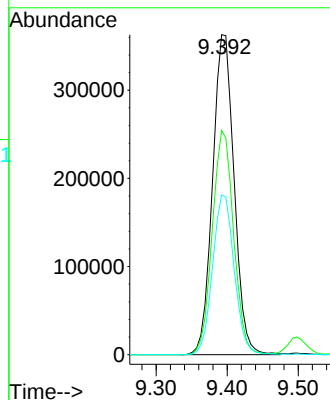
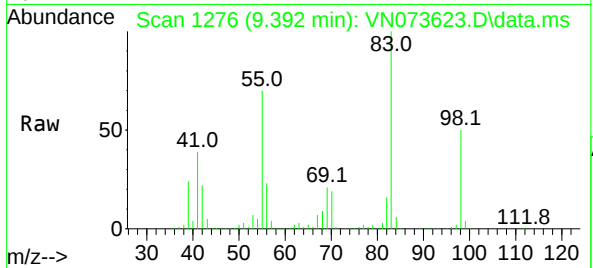
98 49.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#40

Benzene

Concen: 95.291 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073623.D

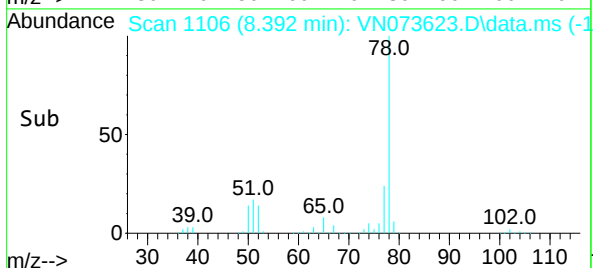
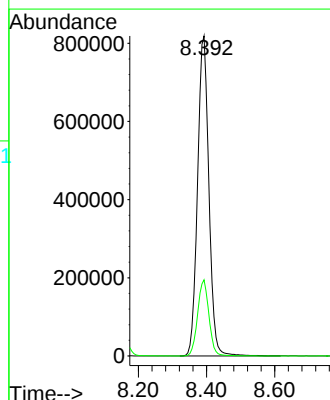
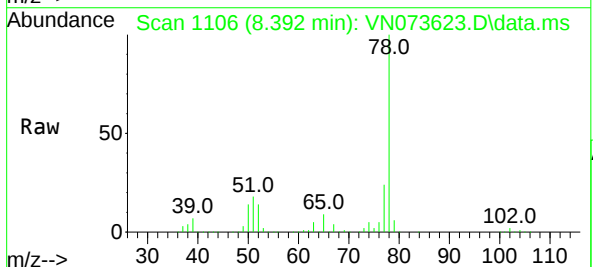
Acq: 28 Jul 2022 13:47

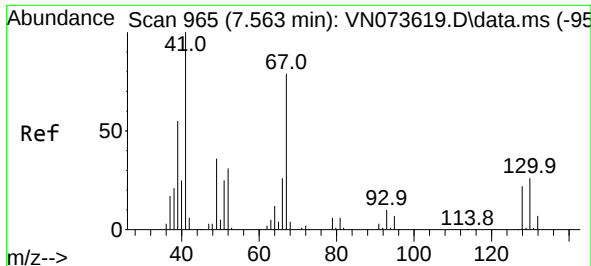
Tgt Ion: 78 Resp: 1886723

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0





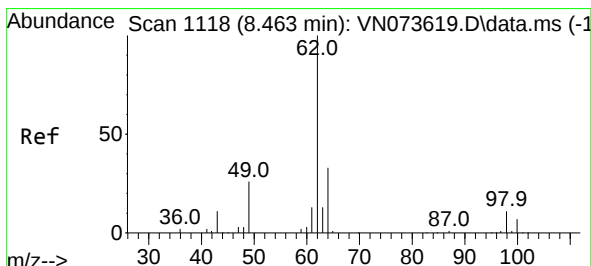
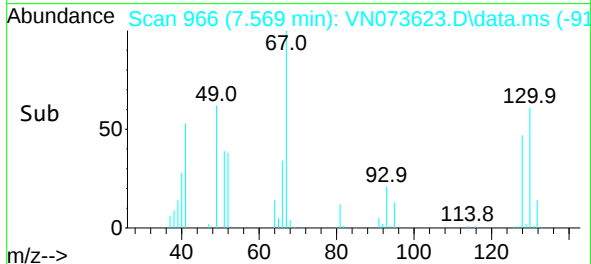
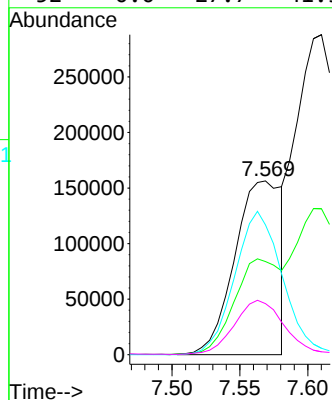
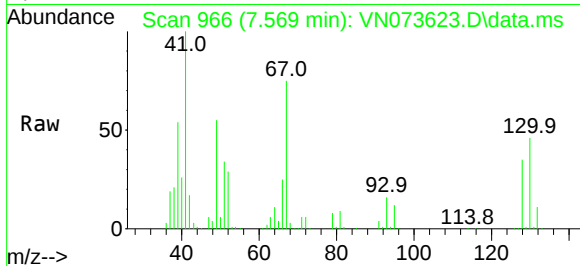
#41
Methacrylonitrile
Concen: 103.100 ug/l m
RT: 7.569 min Scan# 966
Delta R.T. 0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100

Tgt Ion: 41 Resp: 37561
Ion Ratio Lower Upper
41 100
39 91.6 48.6 73.0
67 0.0 73.4 110.2
52 0.0 27.7 41.5

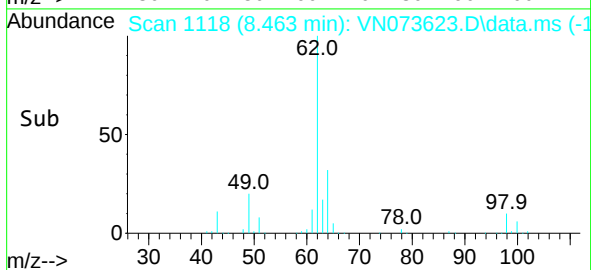
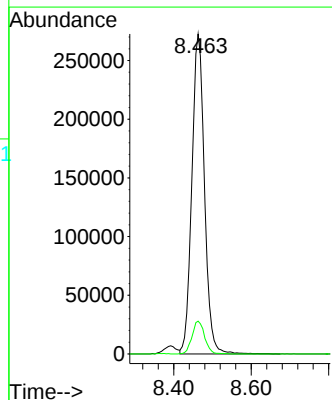
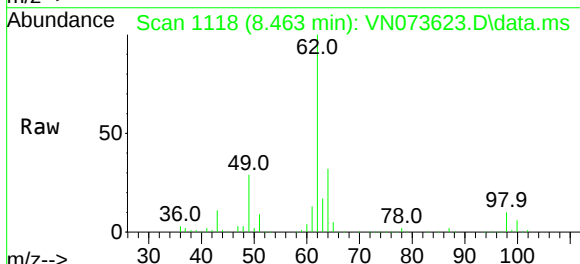
Manual Integrations
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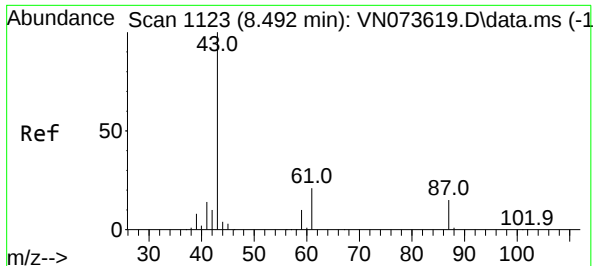
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#42
1,2-Dichloroethane
Concen: 91.095 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

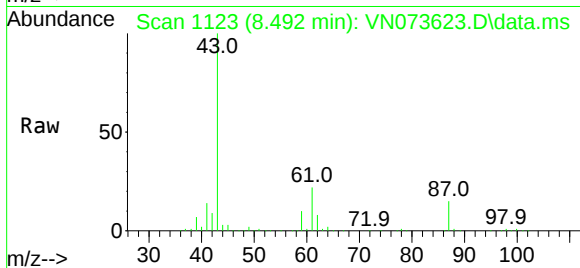
Tgt Ion: 62 Resp: 616319
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 102.739 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

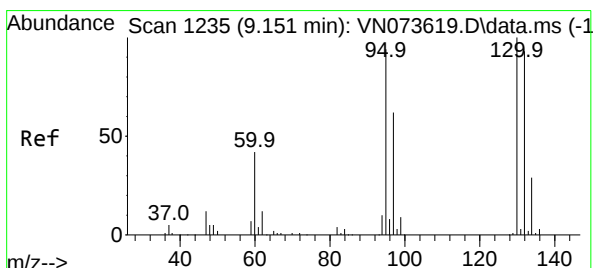
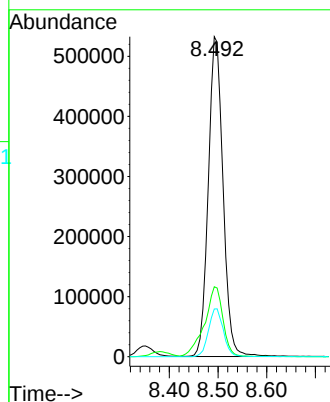
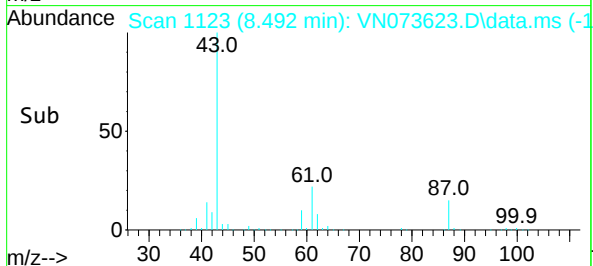
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



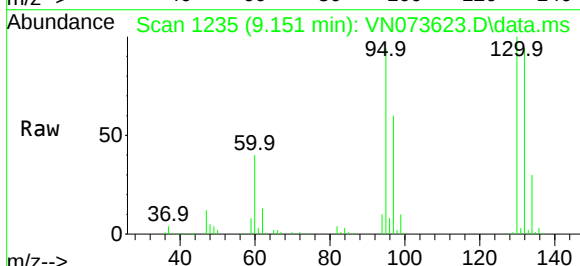
Tgt Ion: 43 Resp: 111667
Ion Ratio Lower Upper
43 100
61 27.4 21.9 32.9
87 15.2 12.0 18.0

Manual Integrations
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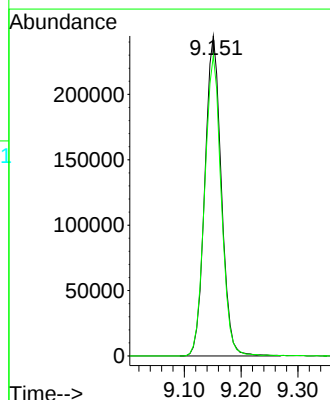
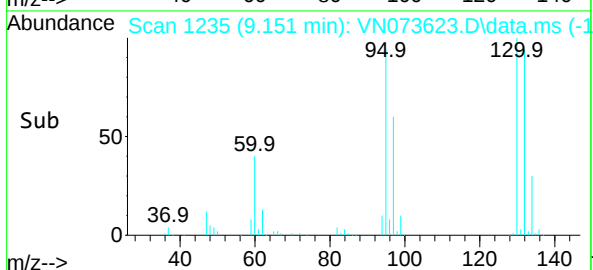
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

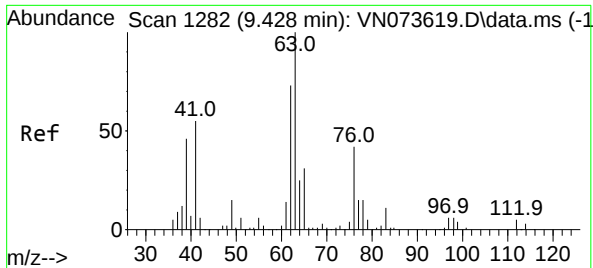


#44
Trichloroethene
Concen: 98.113 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion:130 Resp: 489635
Ion Ratio Lower Upper
130 100
95 93.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 94.332 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 467310

Ion Ratio Lower Upper

63 100

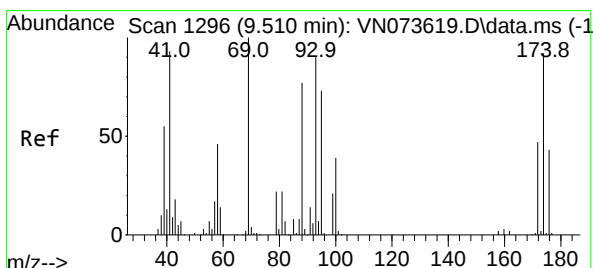
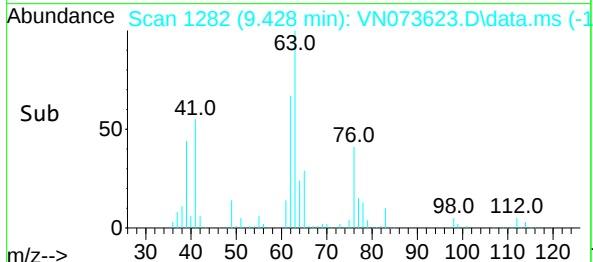
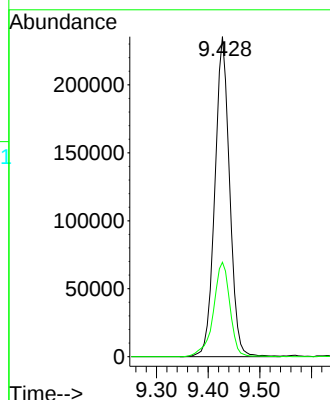
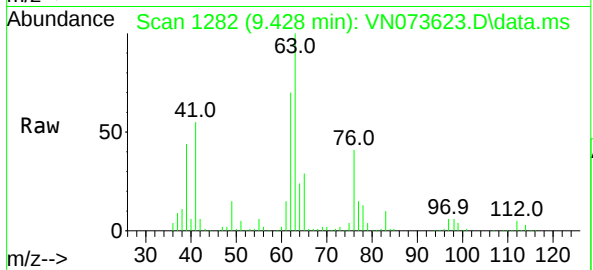
65 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 96.114 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

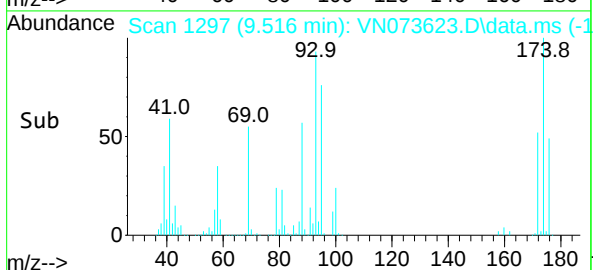
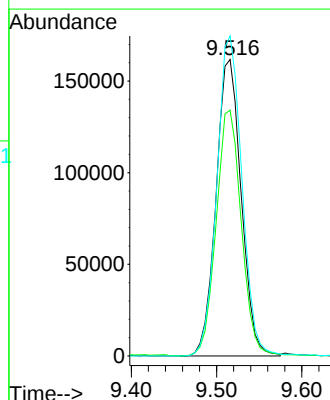
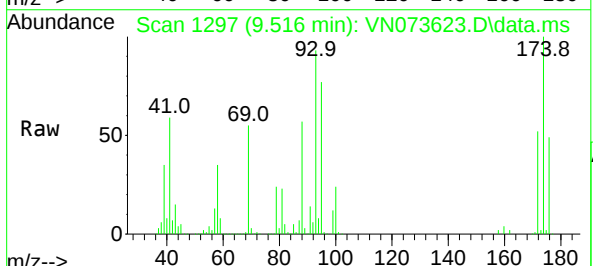
Tgt Ion: 93 Resp: 331829

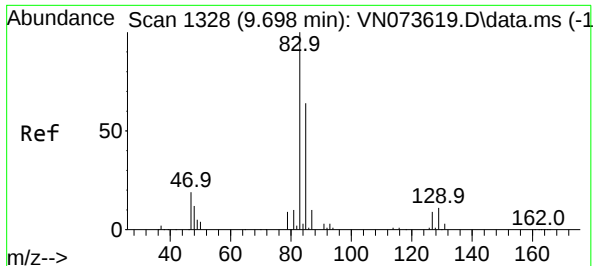
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 107.8 86.6 130.0





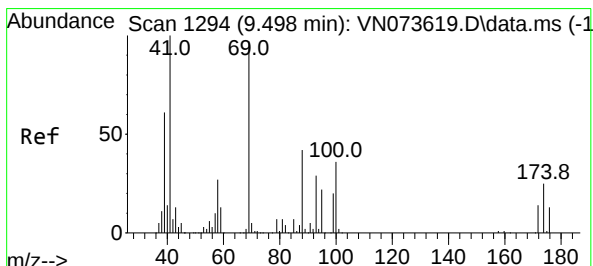
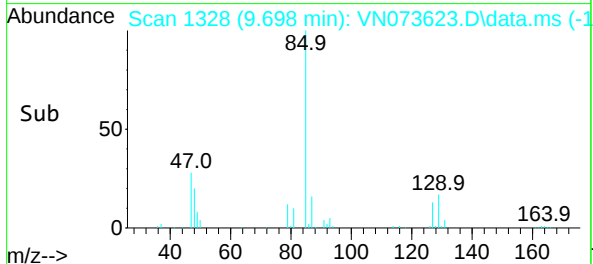
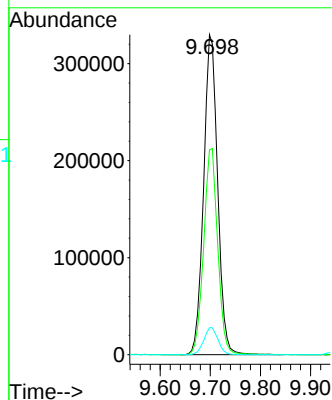
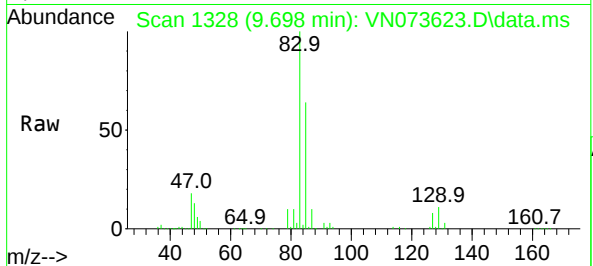
#47
Bromodichloromethane
Concen: 97.391 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 64064
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.4 6.8 10.2

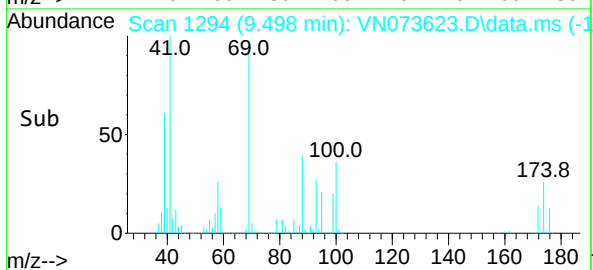
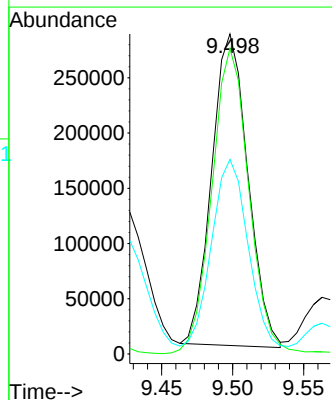
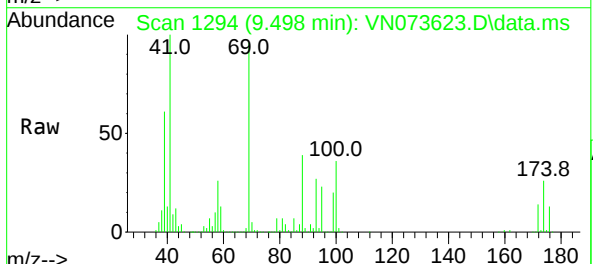
Manual Integrations
APPROVED

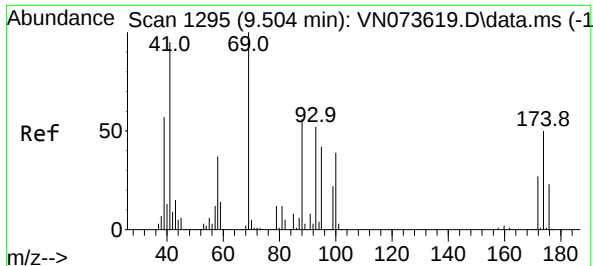
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#48
Methyl methacrylate
Concen: 106.272 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

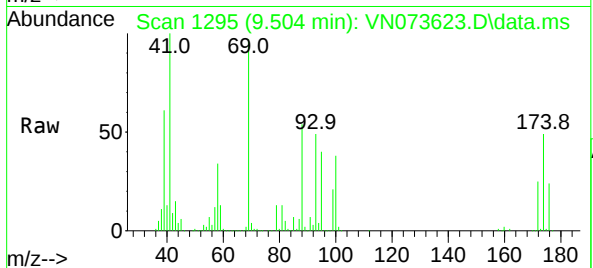
Tgt Ion: 41 Resp: 498720
Ion Ratio Lower Upper
41 100
69 101.7 74.7 112.1
39 65.4 45.6 68.4





#49
1,4-Dioxane
Concen: 2109.252 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

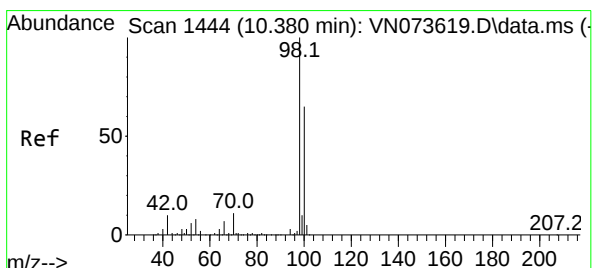
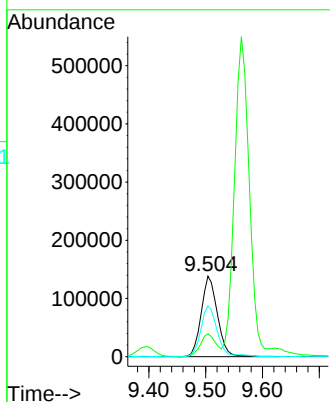
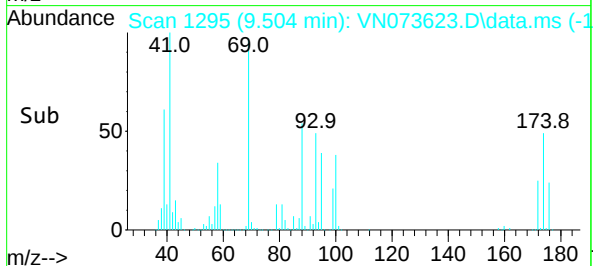
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 88 Resp: 273315
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.4
58 62.2 54.2 81.4

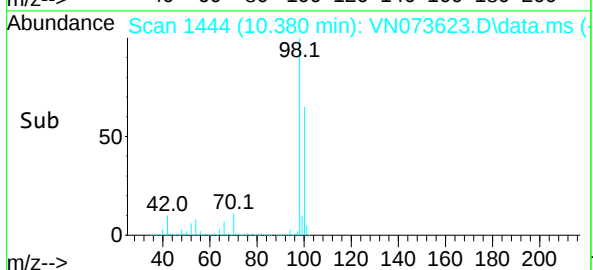
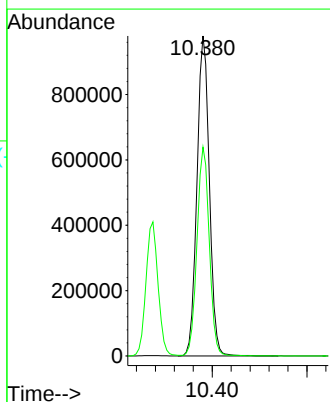
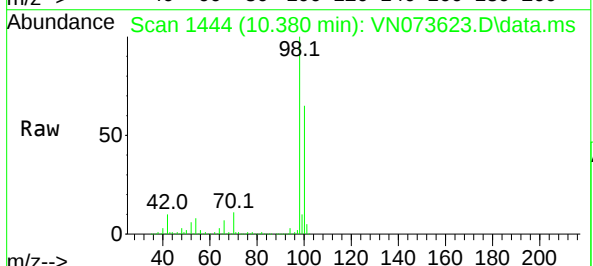
Manual Integrations
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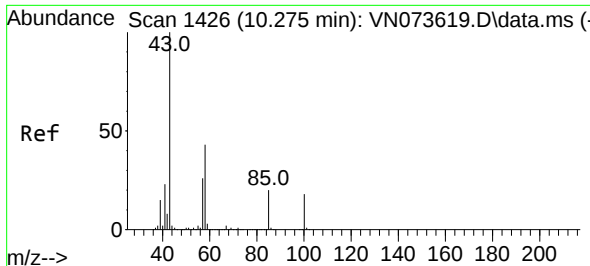
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#50
Toluene-d8
Concen: 104.629 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

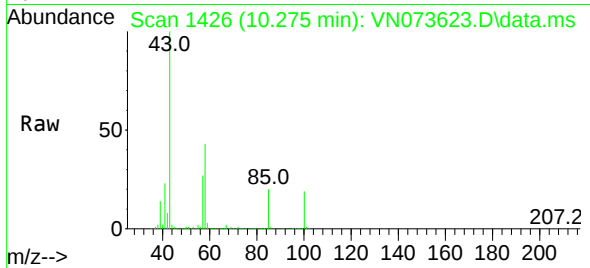
Tgt Ion: 98 Resp: 1776003
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 515.960 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

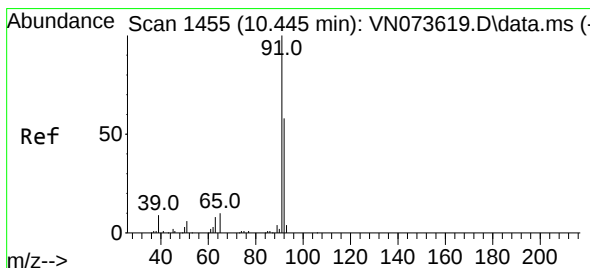
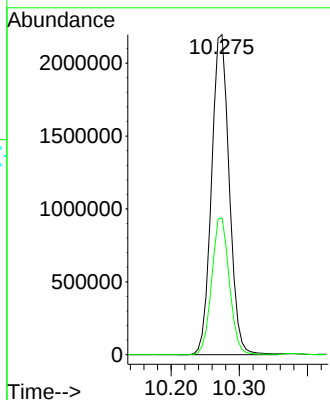
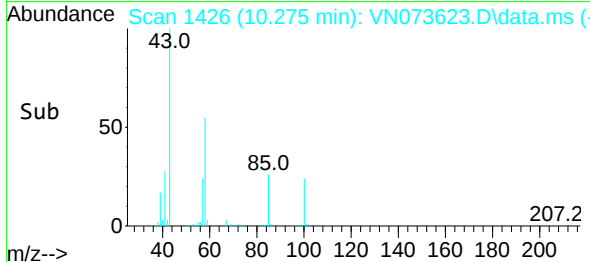
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 397803
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

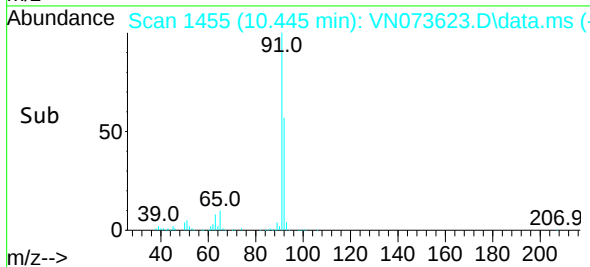
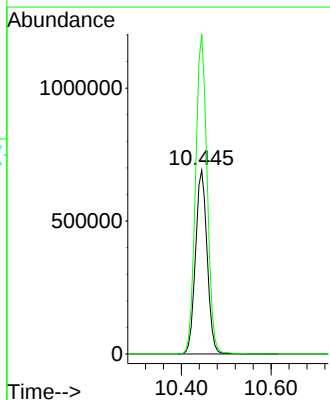
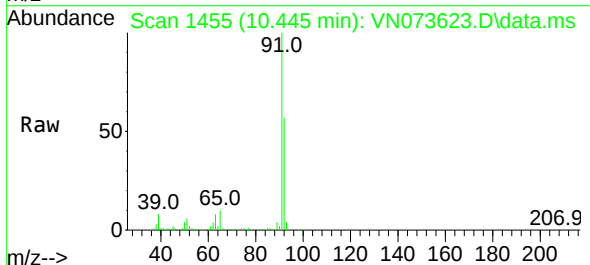
Manual Integrations
APPROVED

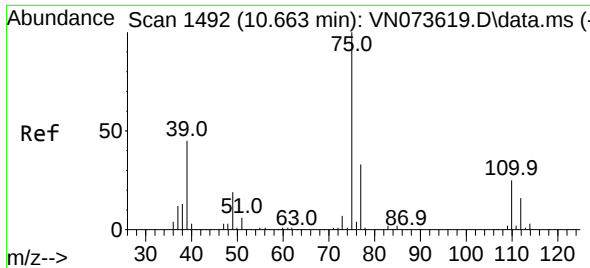
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#52
Toluene
Concen: 102.950 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

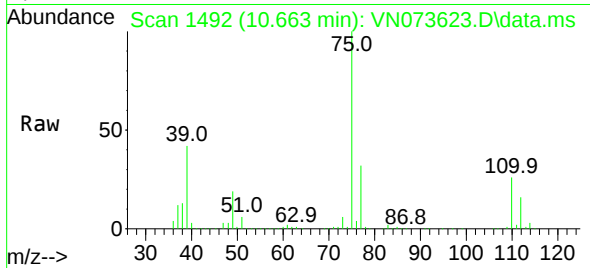
Tgt Ion: 92 Resp: 1238679
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 109.254 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

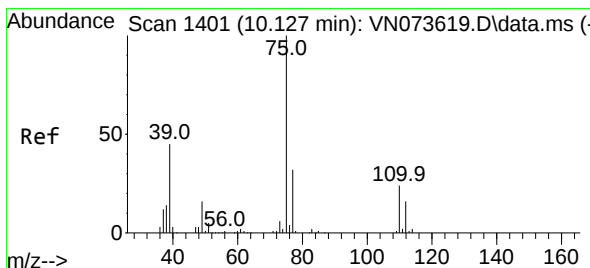
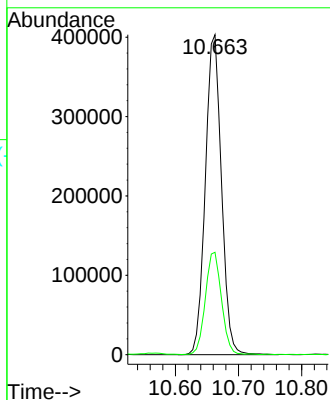
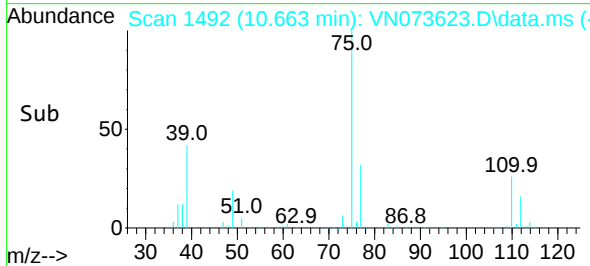
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 714304
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

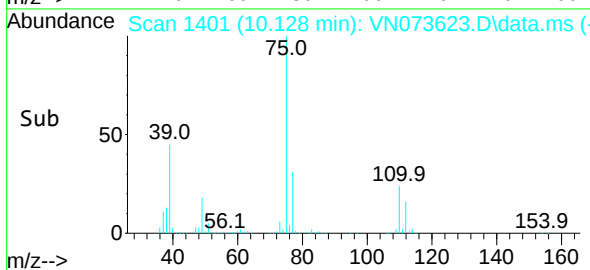
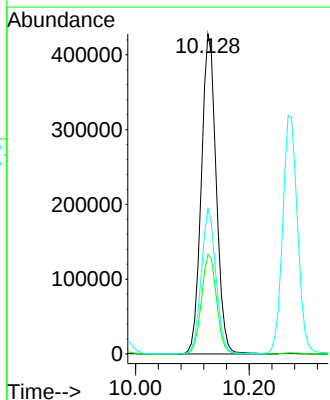
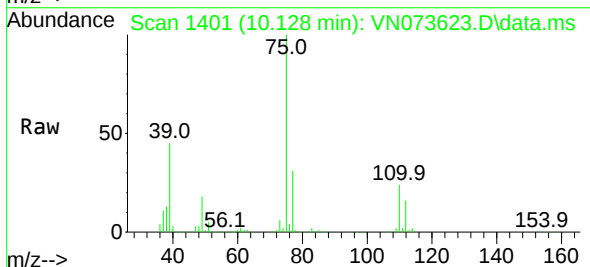
Manual Integrations
APPROVED

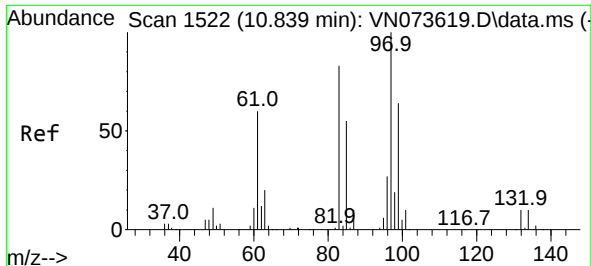
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#54
cis-1,3-Dichloropropene
Concen: 106.116 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

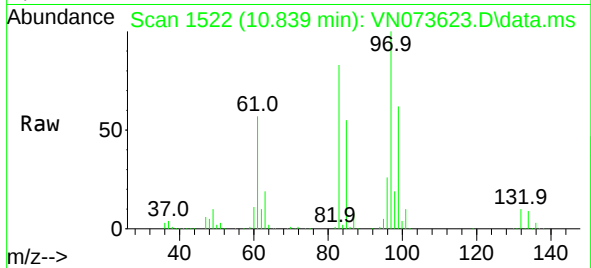
Tgt Ion: 75 Resp: 777919
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 45.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 96.932 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

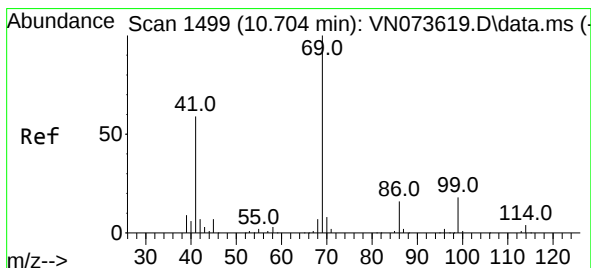
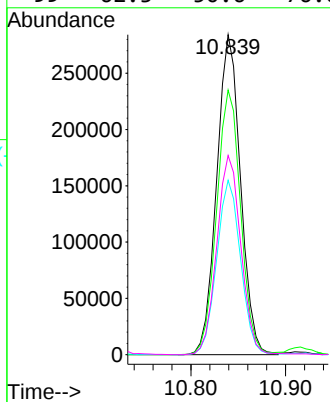
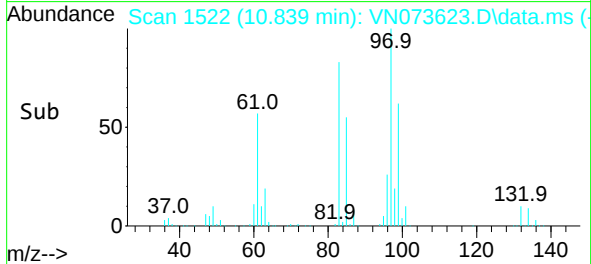
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



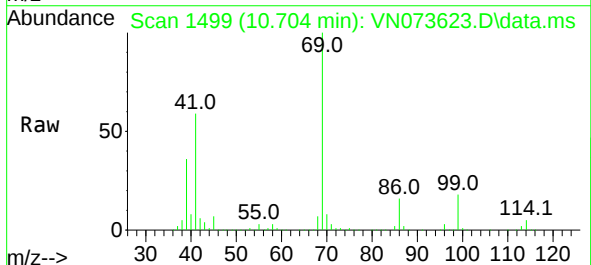
Tgt Ion: 97 Resp: 497392
Ion Ratio Lower Upper
97 100
83 82.7 66.2 99.4
85 54.5 43.9 65.9
99 62.3 50.6 76.0

Manual Integrations
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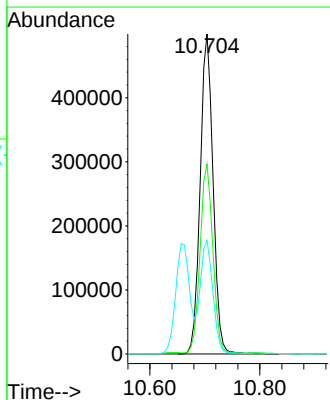
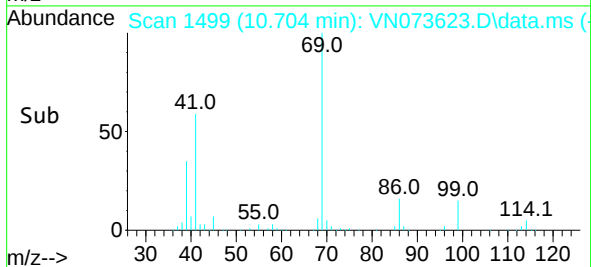
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

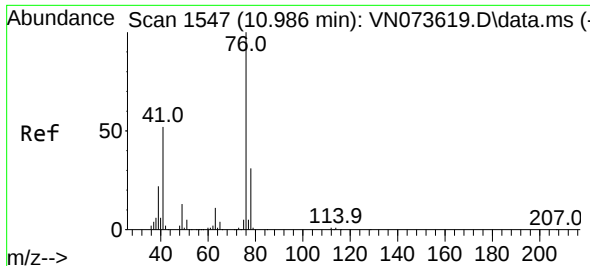


#56
Ethyl methacrylate
Concen: 116.585 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



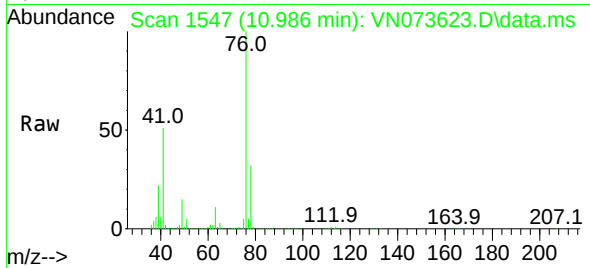
Tgt Ion: 69 Resp: 812378
Ion Ratio Lower Upper
69 100
41 58.6 47.8 71.6
39 35.2 27.3 40.9





#57
 1,3-Dichloropropane
 Concen: 97.157 ug/l
 RT: 10.986 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

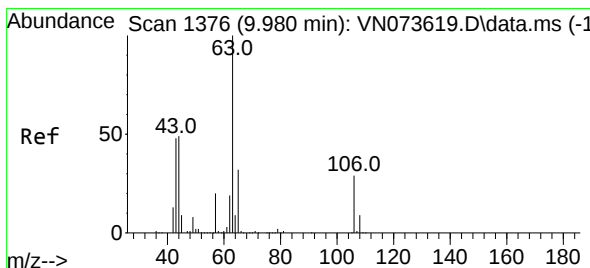
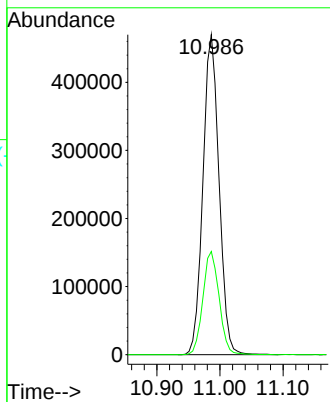
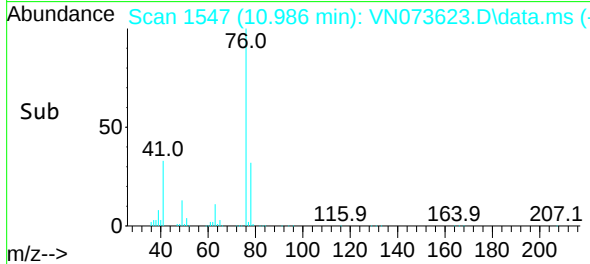
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 76 Resp: 830650
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

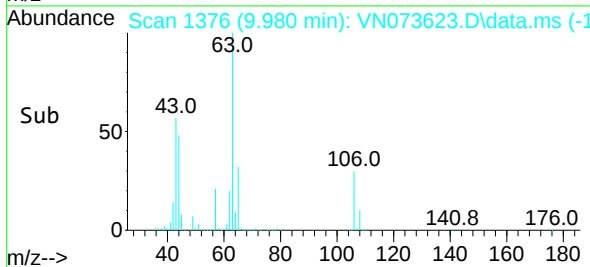
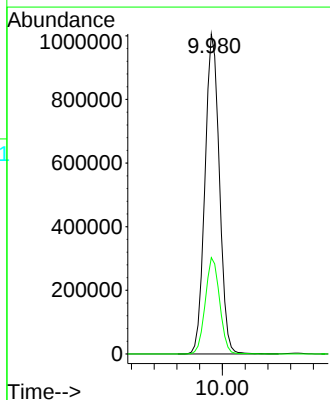
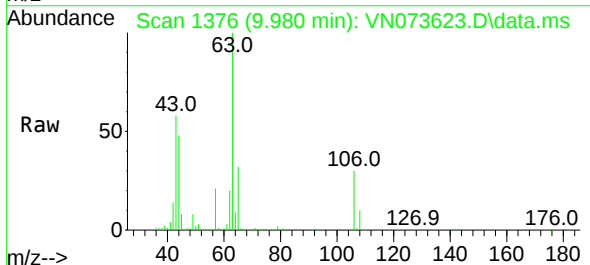
Manual Integrations
 APPROVED

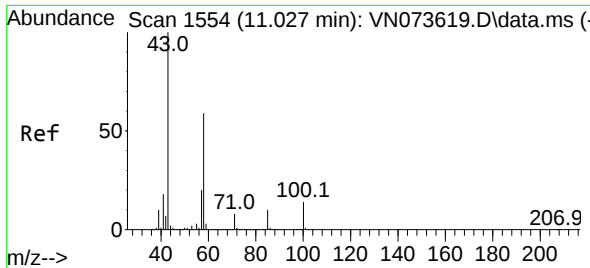
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#58
 2-Chloroethyl Vinyl ether
 Concen: 555.001 ug/l
 RT: 9.980 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

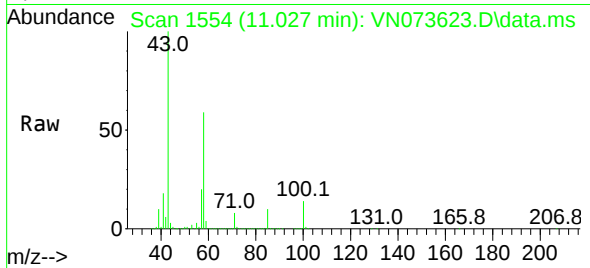
Tgt Ion: 63 Resp: 1767466
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.6 36.8





#59
2-Hexanone
Concen: 531.943 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

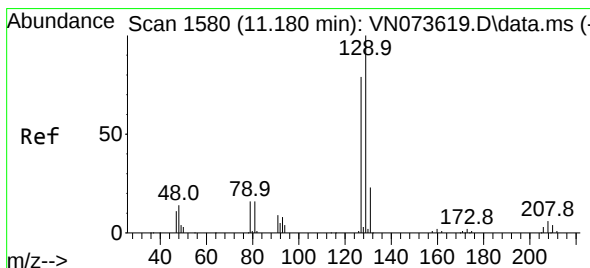
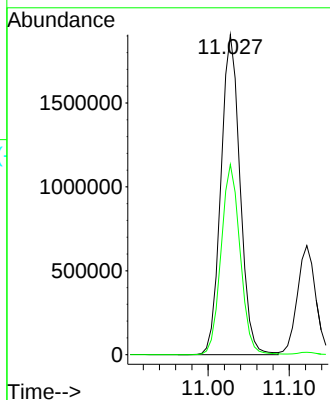
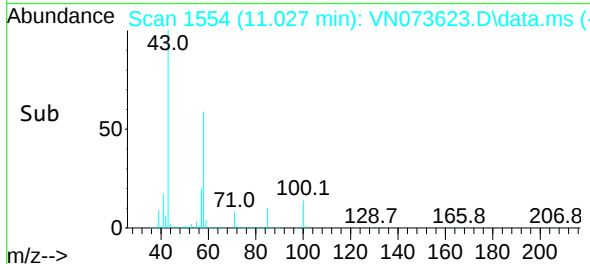
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 312905
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

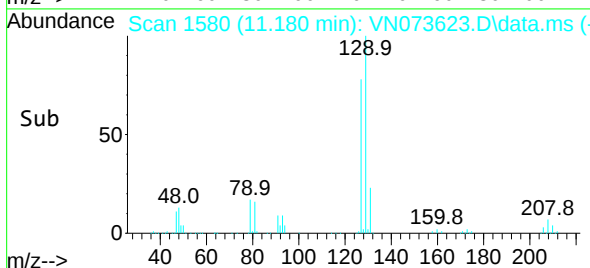
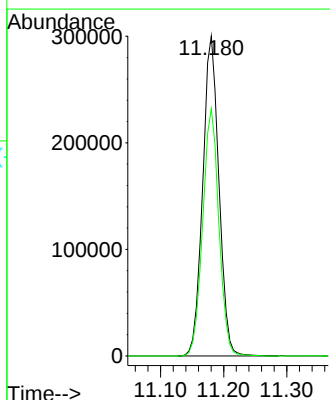
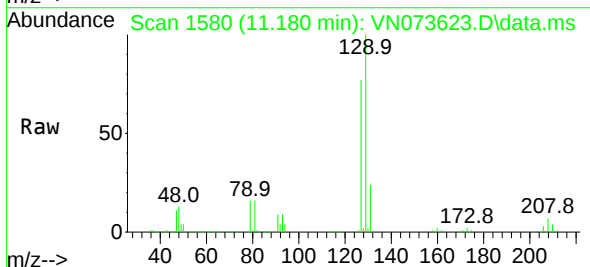
Manual Integrations
APPROVED

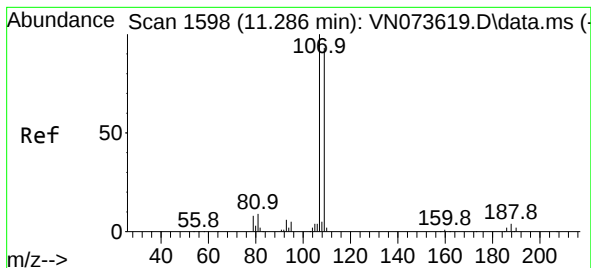
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 104.836 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

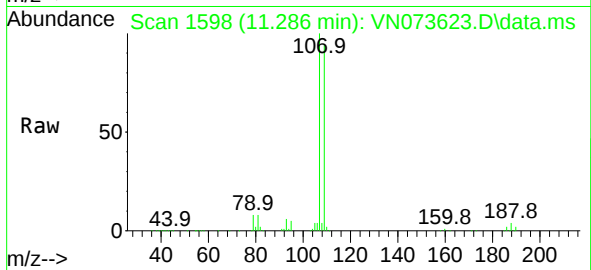
Tgt Ion:129 Resp: 535431
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 101.361 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

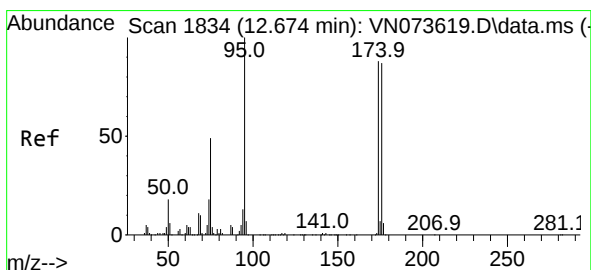
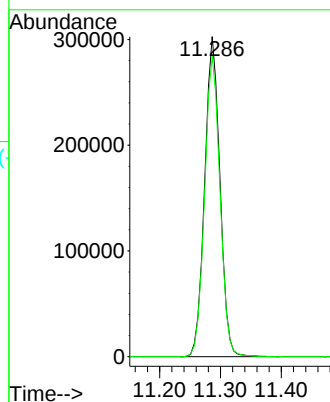
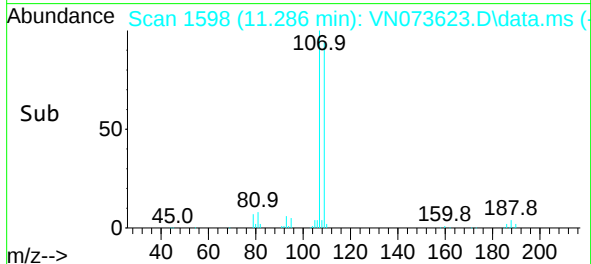
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



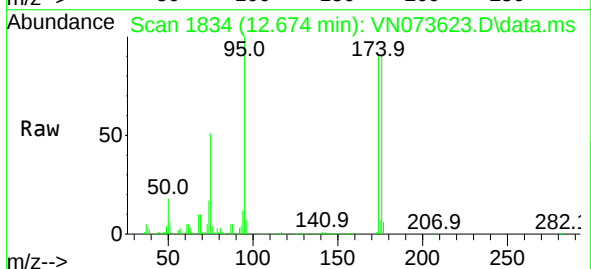
Tgt Ion:107 Resp: 52702
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

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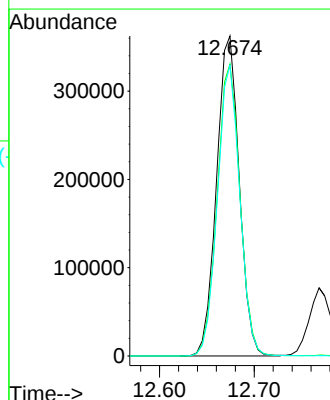
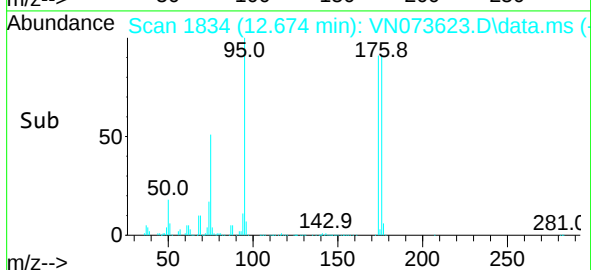
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

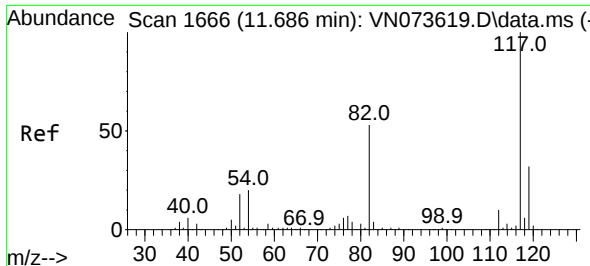


#62
4-Bromofluorobenzene
Concen: 115.084 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



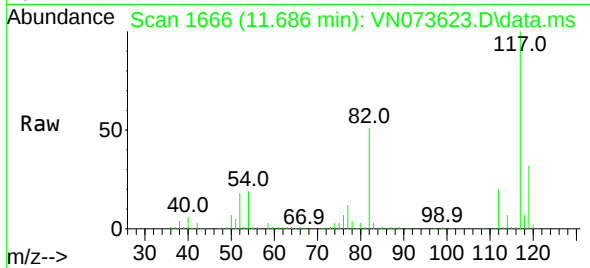
Tgt Ion: 95 Resp: 604054
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 89.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

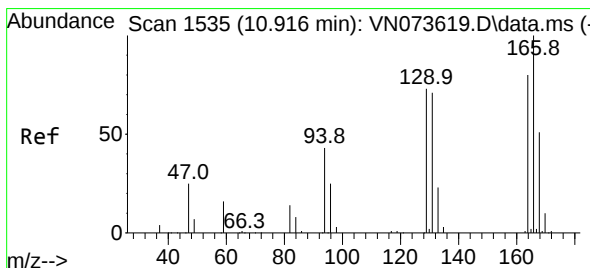
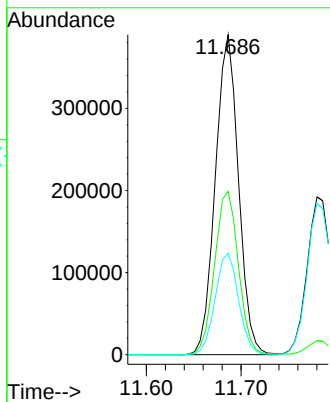
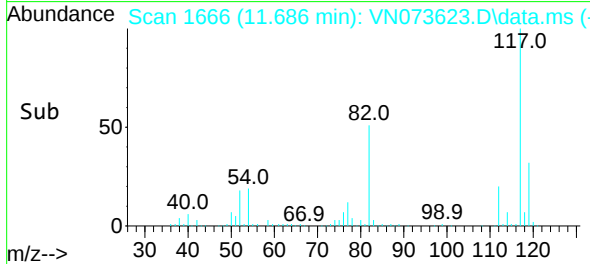
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



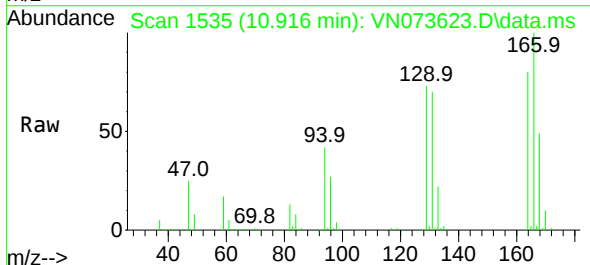
Tgt Ion:117 Resp: 662359
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 31.7 25.4 38.0

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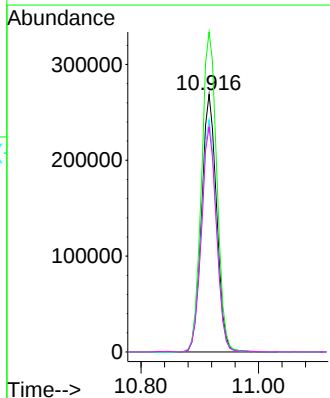
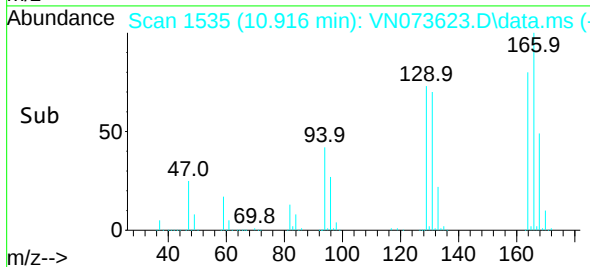
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

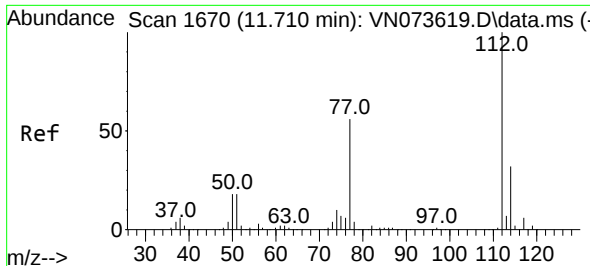


#64
Tetrachloroethene
Concen: 90.773 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



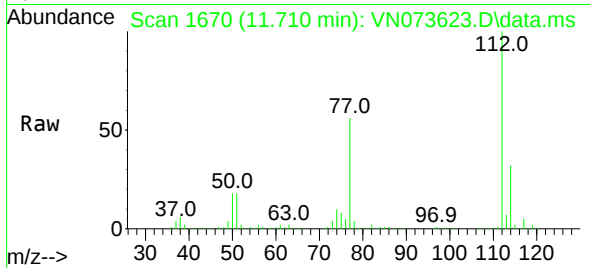
Tgt Ion:164 Resp: 475989
Ion Ratio Lower Upper
164 100
166 124.2 104.2 156.2
129 90.2 73.9 110.9
131 87.3 69.4 104.2





#65
Chlorobenzene
Concen: 94.629 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

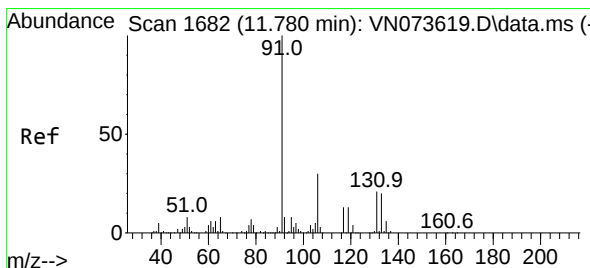
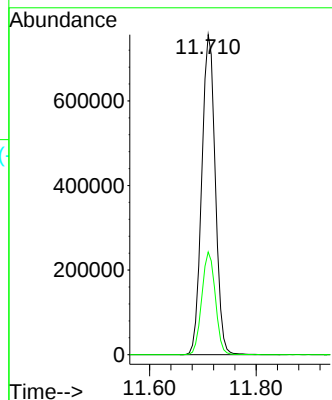
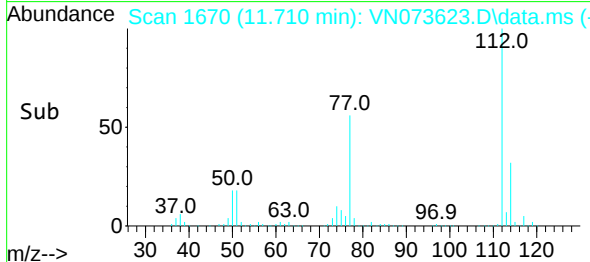
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



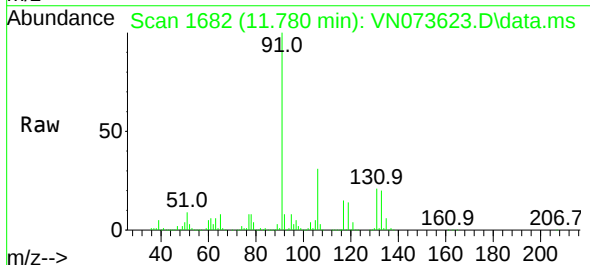
Tgt Ion:112 Resp: 1334028
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

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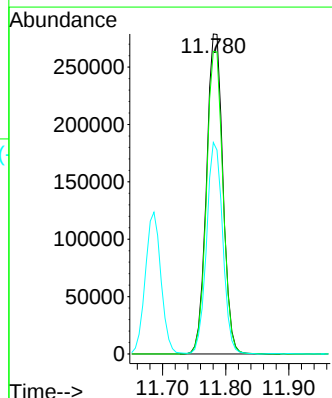
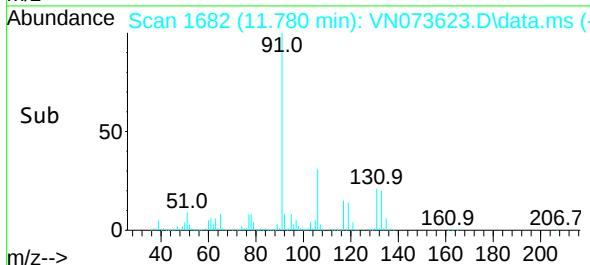
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

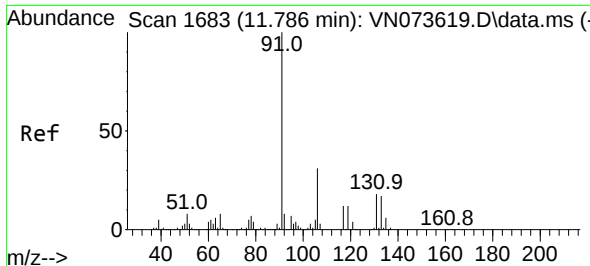


#66
1,1,1,2-Tetrachloroethane
Concen: 100.896 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion:131 Resp: 503250
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 64.8 33.4 100.2





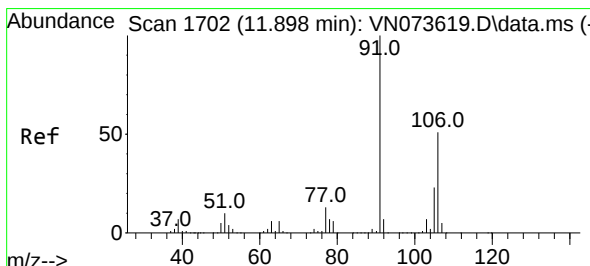
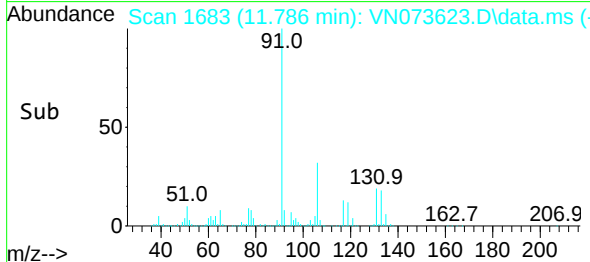
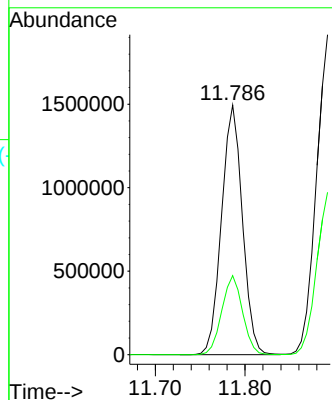
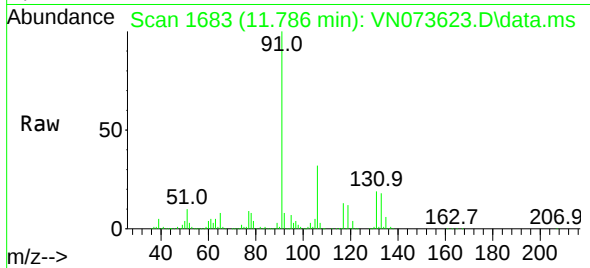
#67
Ethyl Benzene
Concen: 102.837 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 2412654
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

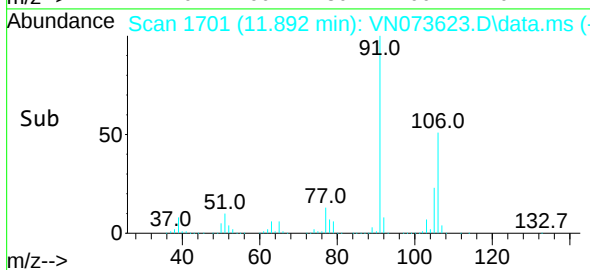
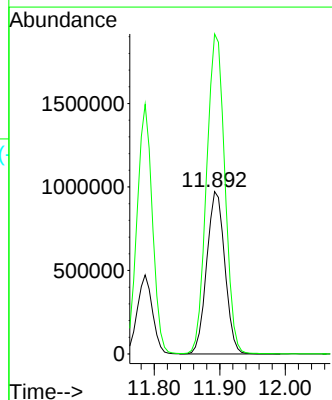
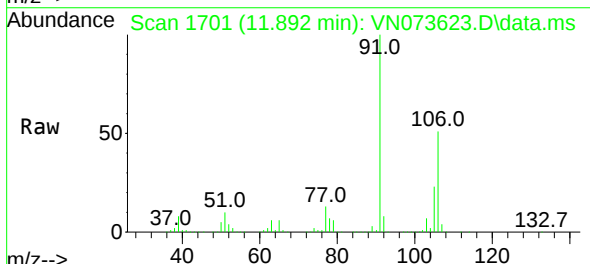
Manual Integrations
APPROVED

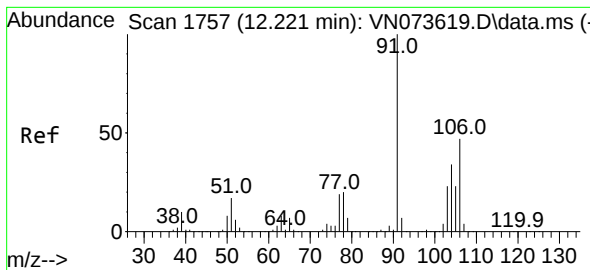
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#68
m/p-Xylenes
Concen: 207.297 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion:106 Resp: 1865330
Ion Ratio Lower Upper
106 100
91 199.3 158.9 238.3





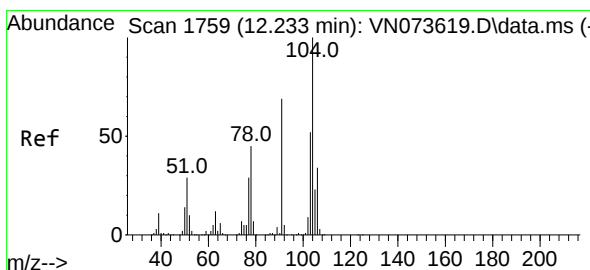
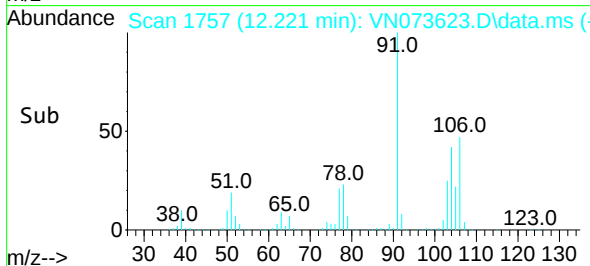
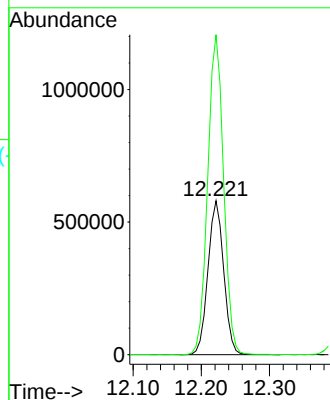
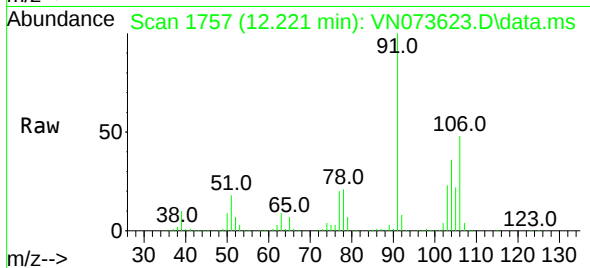
#69
o-Xylene
Concen: 106.751 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 932148
Ion Ratio Lower Upper
106 100
91 210.1 106.0 318.0

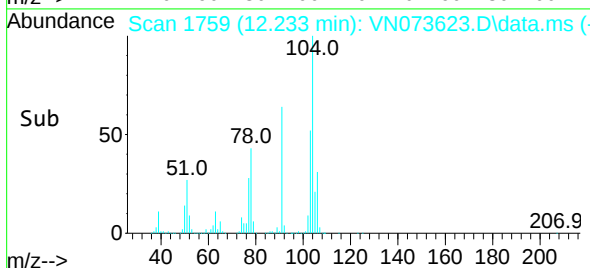
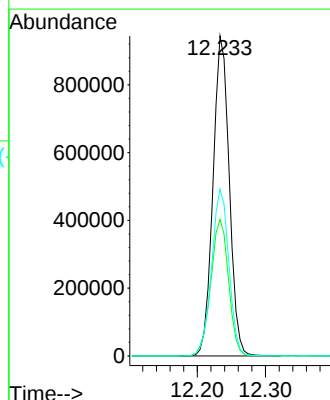
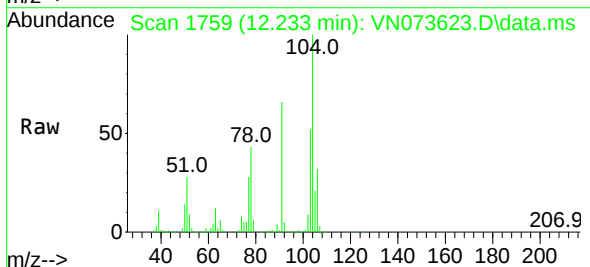
Manual Integrations
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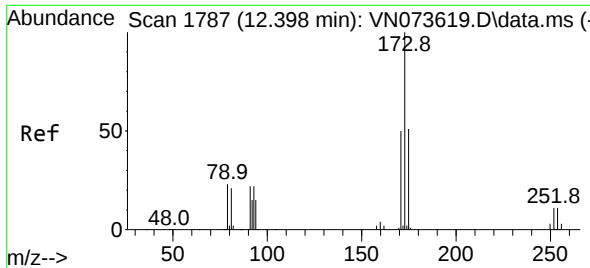
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 112.353 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

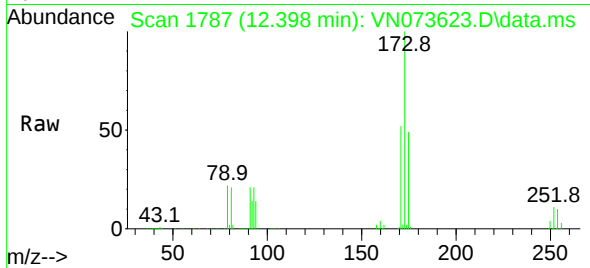
Tgt Ion:104 Resp: 1569565
Ion Ratio Lower Upper
104 100
78 46.5 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 110.038 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

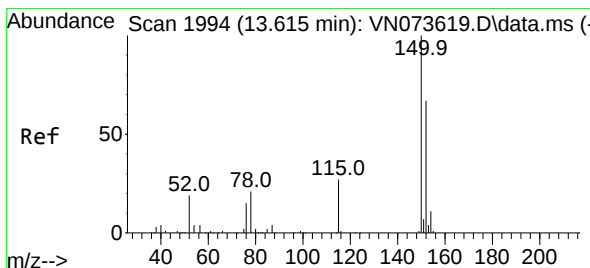
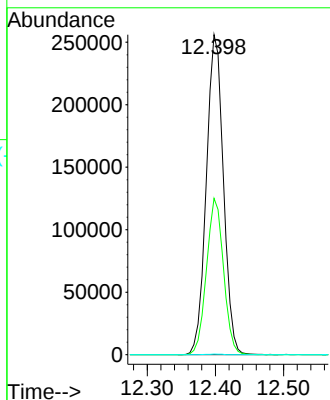
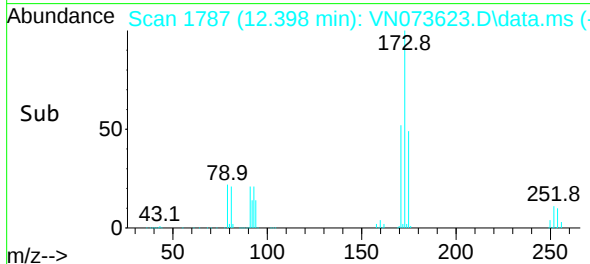
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



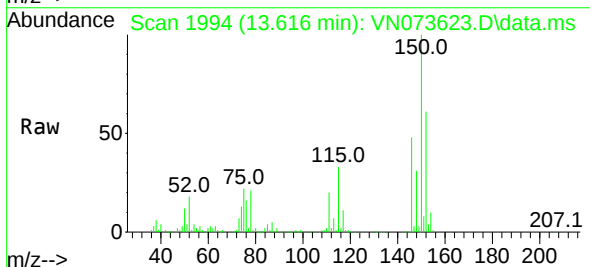
Tgt Ion:173 Resp: 445627
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
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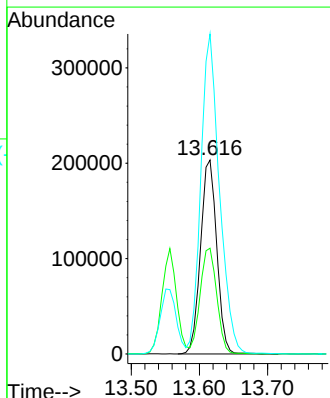
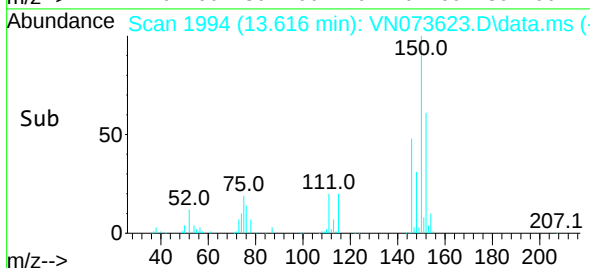
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

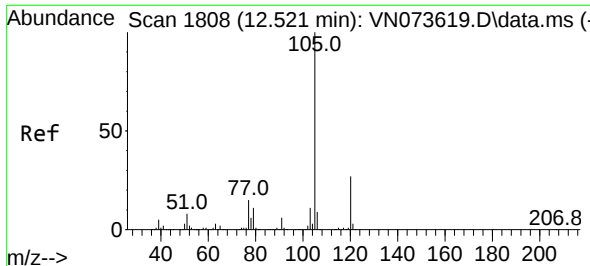


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



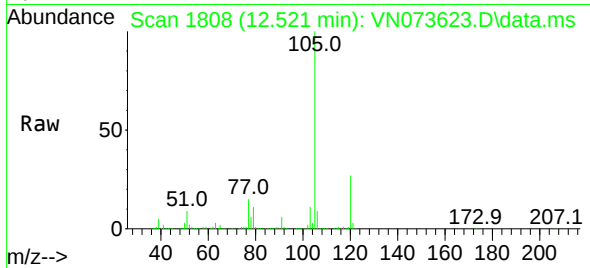
Tgt Ion:152 Resp: 337059
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 188.0 0.0 356.2





#73
Isopropylbenzene
Concen: 97.305 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

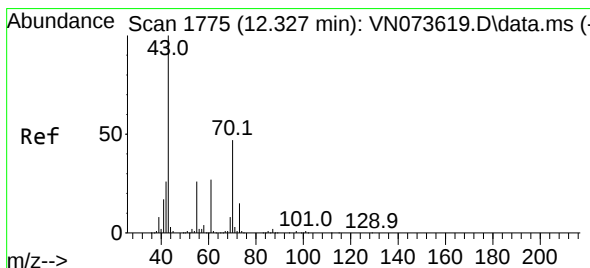
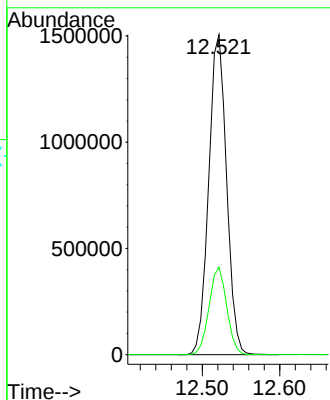
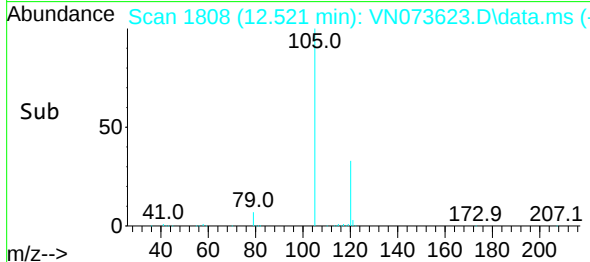
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



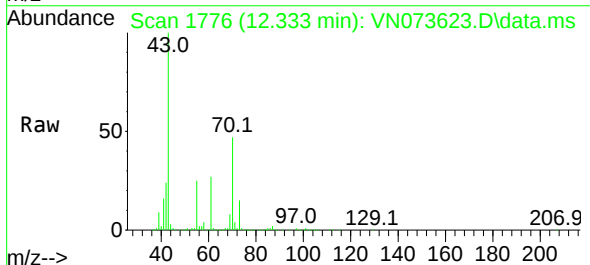
Tgt Ion: 105 Resp: 2410090
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

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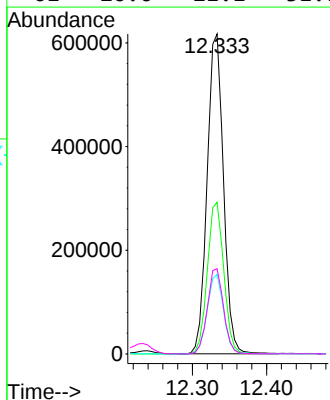
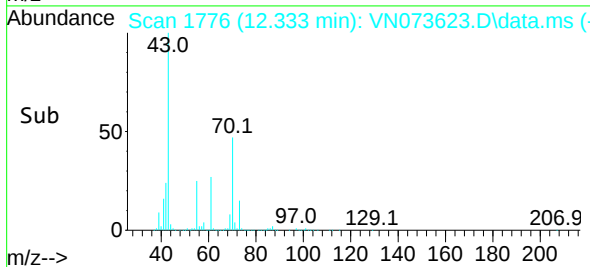
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

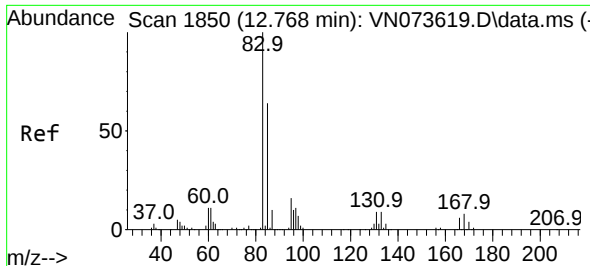


#74
N-ethyl acetate
Concen: 101.678 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



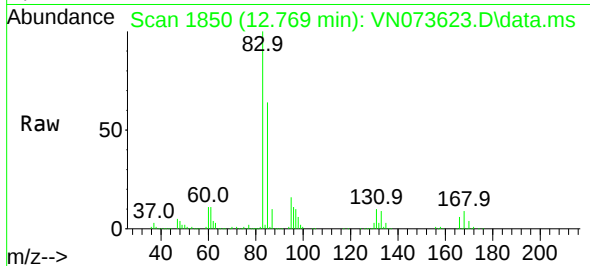
Tgt Ion: 43 Resp: 944714
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 25.2 21.1 31.7
61 26.6 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 82.729 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

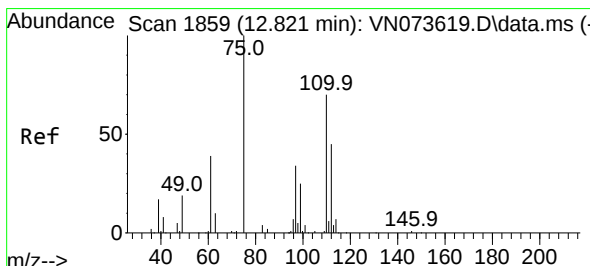
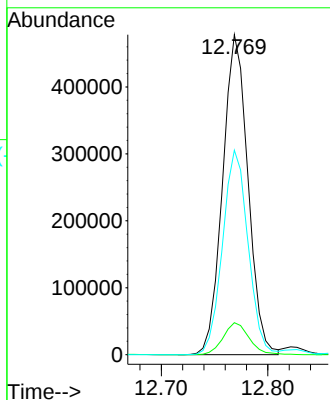
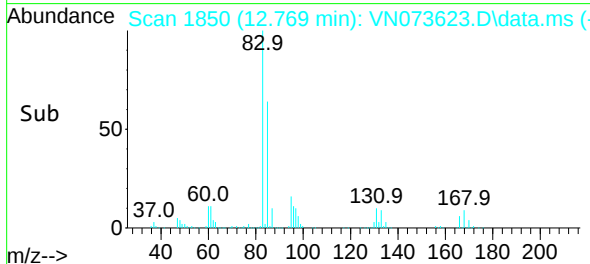
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 83 Resp: 789620
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 15.9
 85 64.4 32.3 96.9

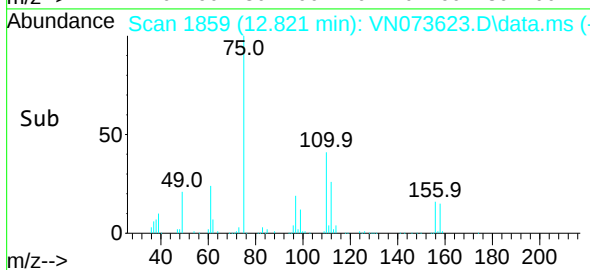
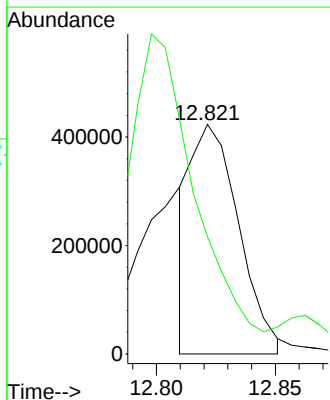
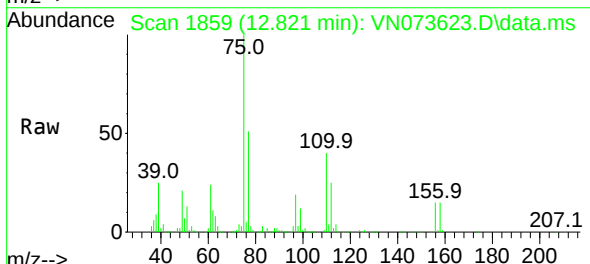
Manual Integrations
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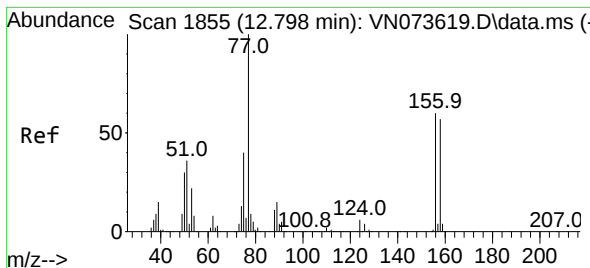
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#76
 1,2,3-Trichloropropane
 Concen: 74.415 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

Tgt Ion: 75 Resp: 594319
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 94.990 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN073623.D

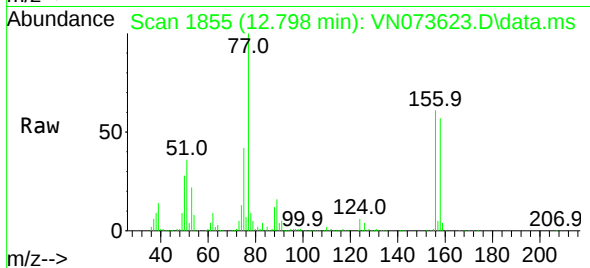
Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:156 Resp: 607864

Ion Ratio Lower Upper

156 100

77 194.2 100.5 301.5

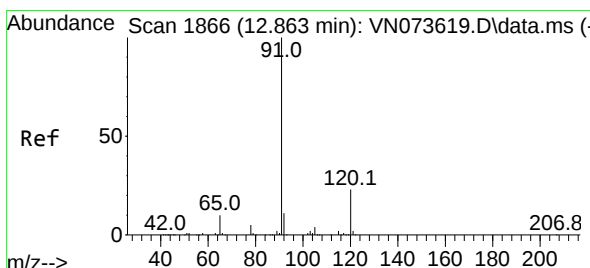
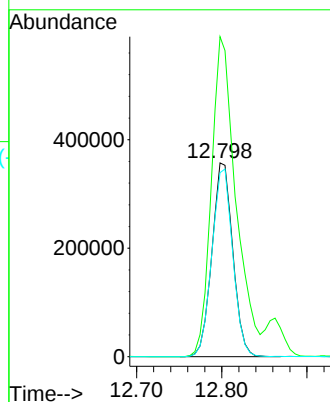
158 97.1 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#78

n-propylbenzene

Concen: 100.991 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073623.D

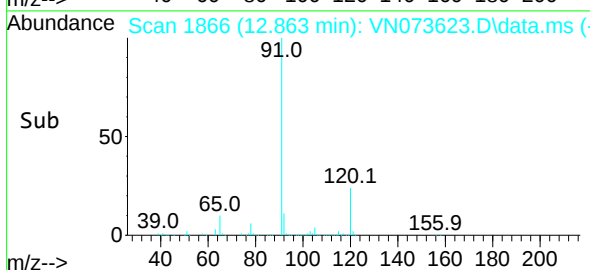
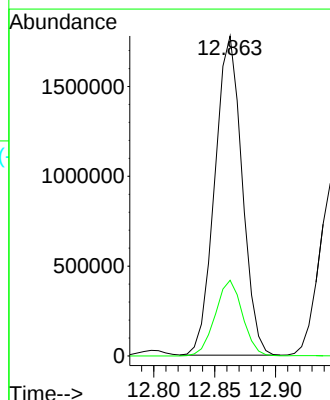
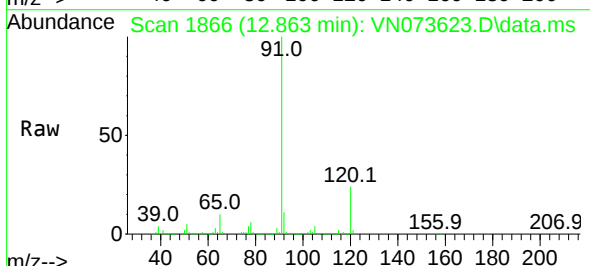
Acq: 28 Jul 2022 13:47

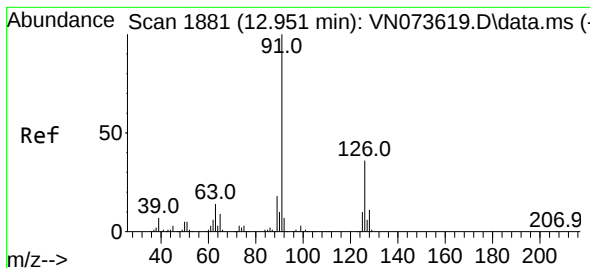
Tgt Ion: 91 Resp: 2775100

Ion Ratio Lower Upper

91 100

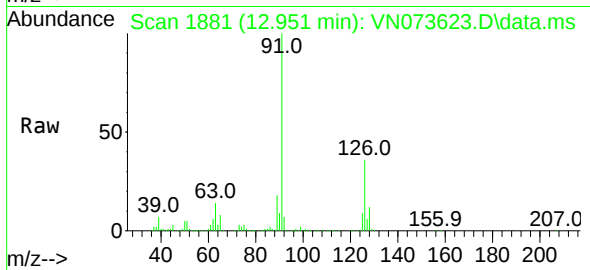
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 95.131 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

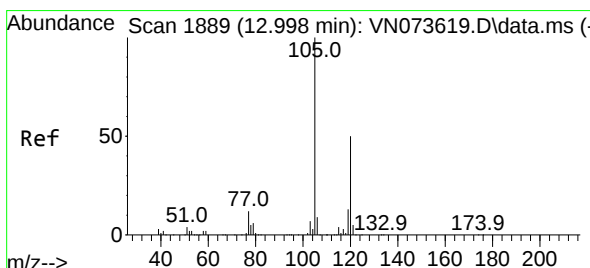
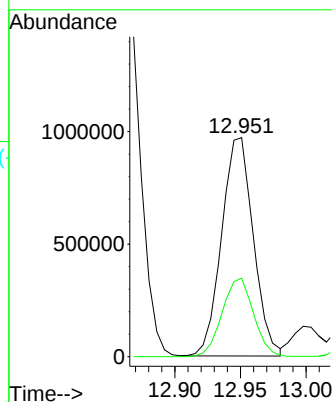
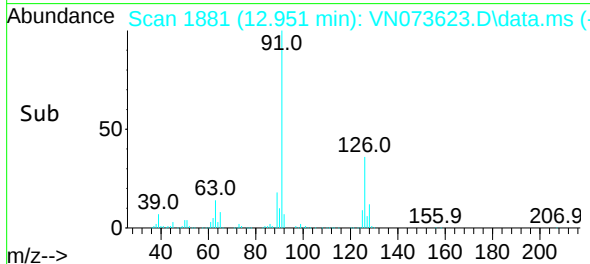
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



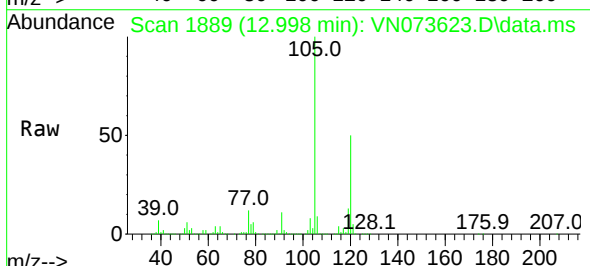
Tgt Ion: 91 Resp: 1633223
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9

Manual Integrations
APPROVED

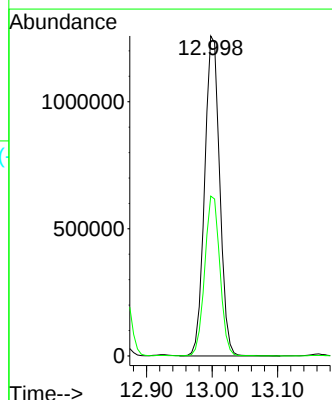
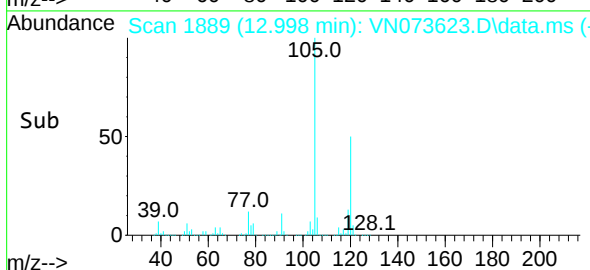
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

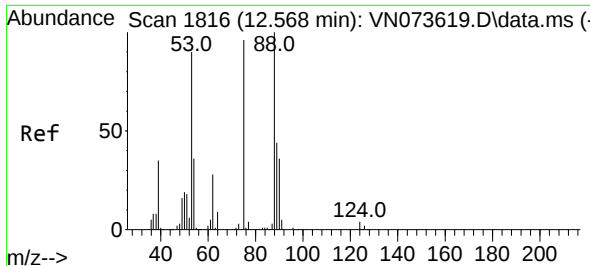


#80
1,3,5-Trimethylbenzene
Concen: 99.818 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



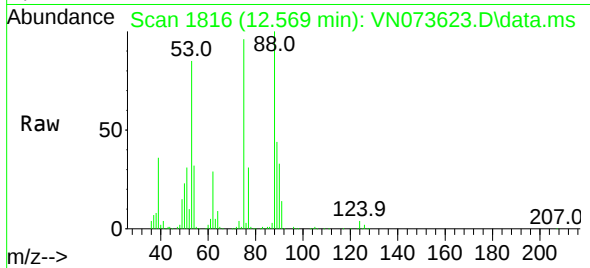
Tgt Ion:105 Resp: 2012873
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 104.678 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

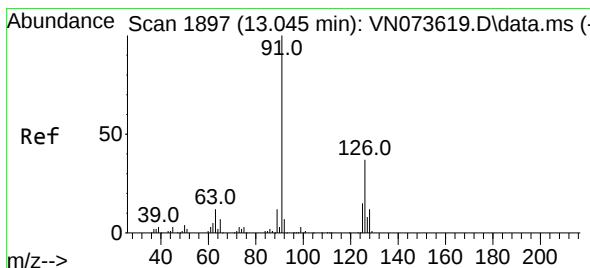
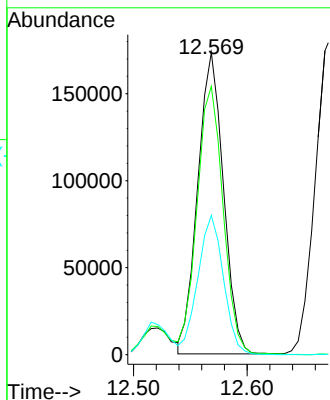
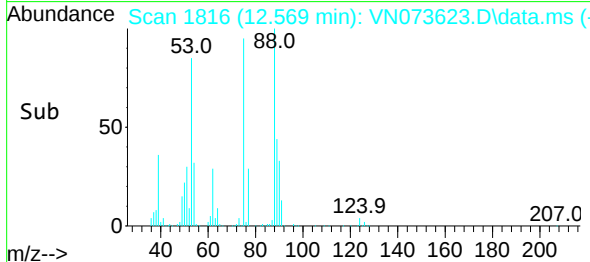
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 27225
Ion Ratio Lower Upper
75 100
53 90.8 78.0 117.0
89 46.3 37.2 55.8

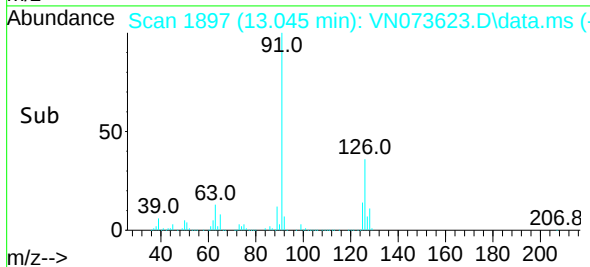
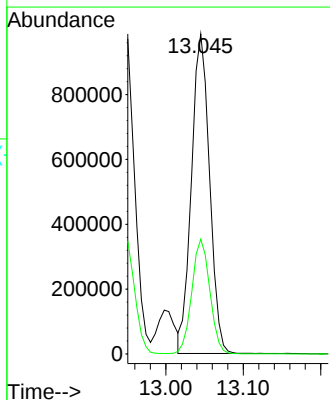
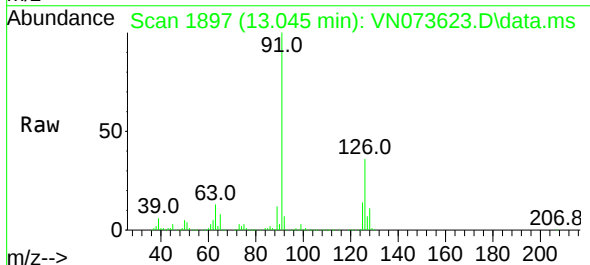
Manual Integrations
APPROVED

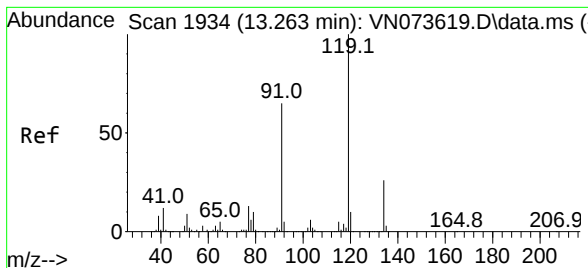
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#82
4-Chlorotoluene
Concen: 97.027 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

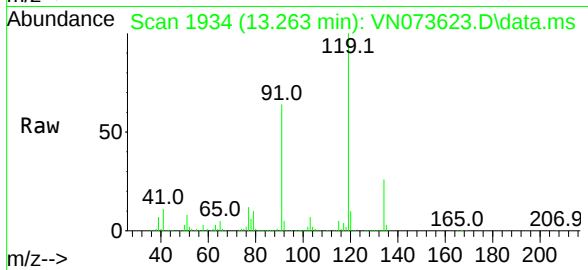
Tgt Ion: 91 Resp: 1595219
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 99.789 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

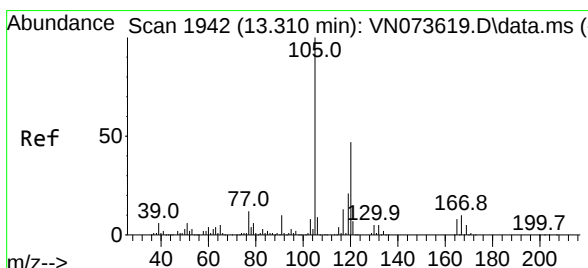
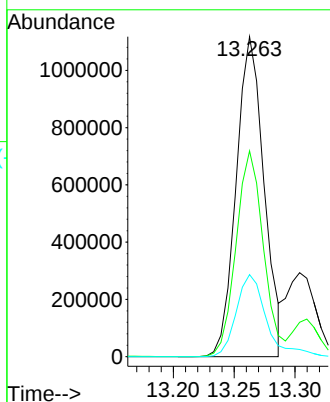
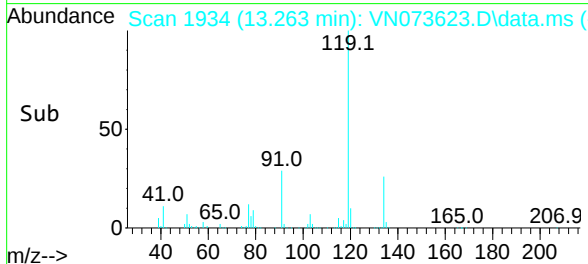
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



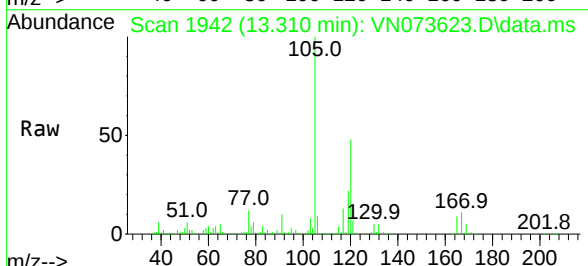
Tgt Ion:119 Resp: 1776249
Ion Ratio Lower Upper
119 100
91 63.3 31.6 94.8
134 27.8 13.7 41.1

Manual Integrations
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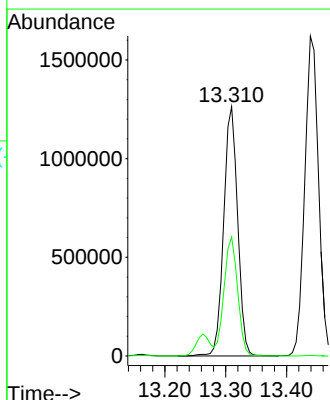
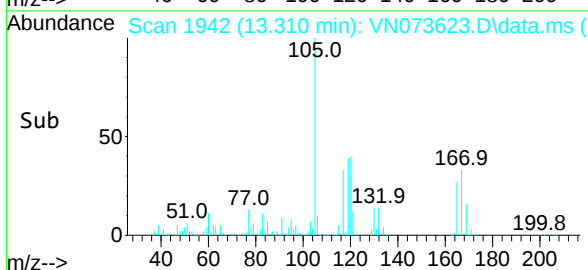
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

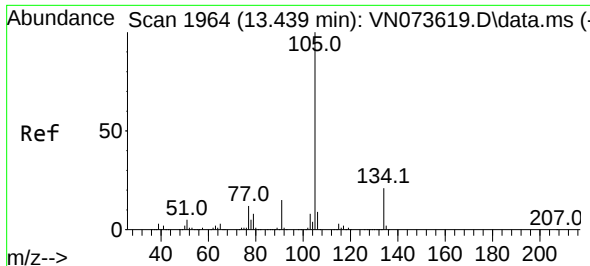


#84
1,2,4-Trimethylbenzene
Concen: 101.506 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion:105 Resp: 2007890
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 103.940 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

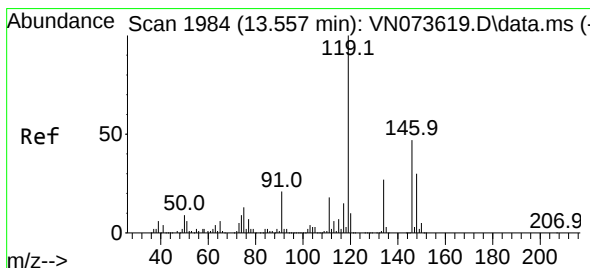
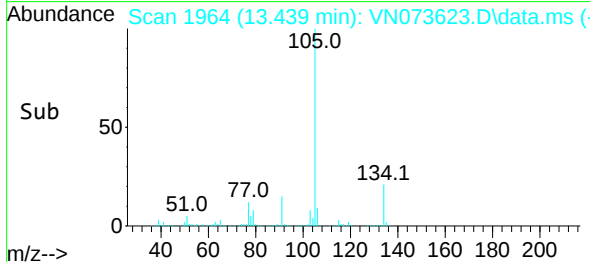
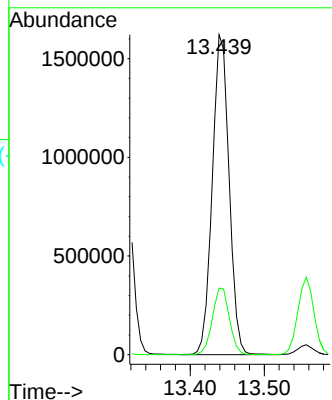
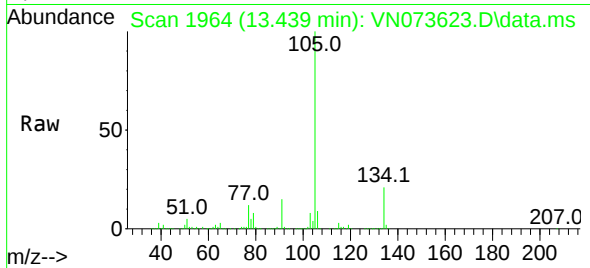
VSTDICC100

Tgt Ion:105 Resp: 254970
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

Manual Integrations

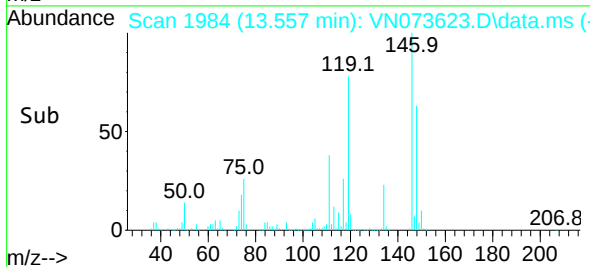
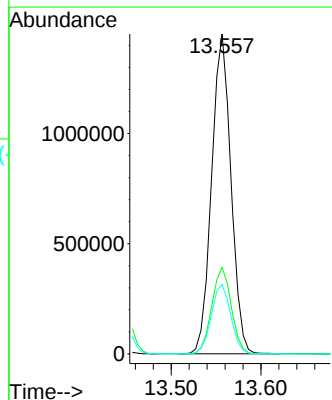
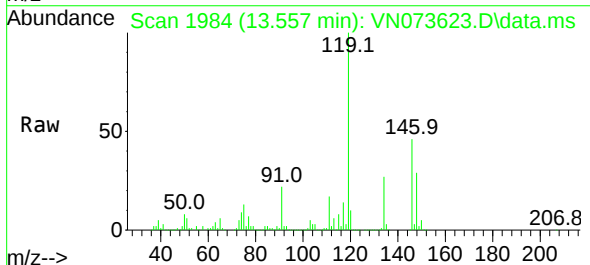
APPROVED

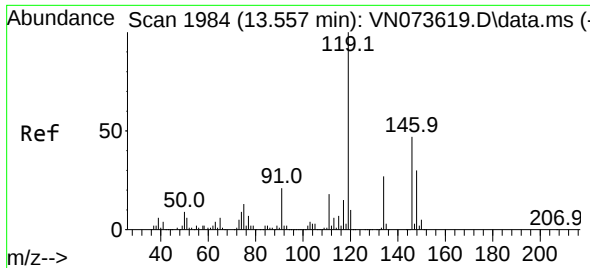
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#86
 p-Isopropyltoluene
 Concen: 111.734 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073623.D
 Acq: 28 Jul 2022 13:47

Tgt Ion:119 Resp: 2166167
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 96.332 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 110892

Ion Ratio Lower Upper

146 100

111 38.2 20.0 60.0

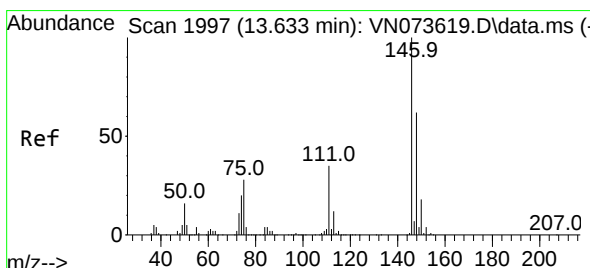
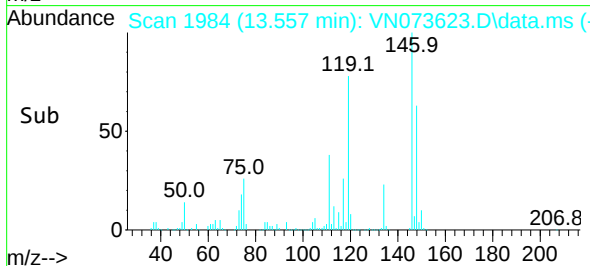
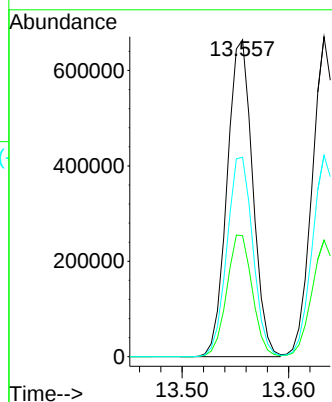
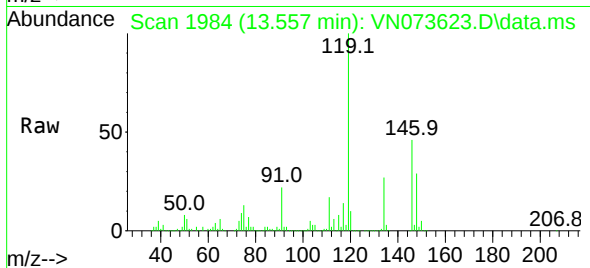
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#88

1,4-Dichlorobenzene

Concen: 92.222 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

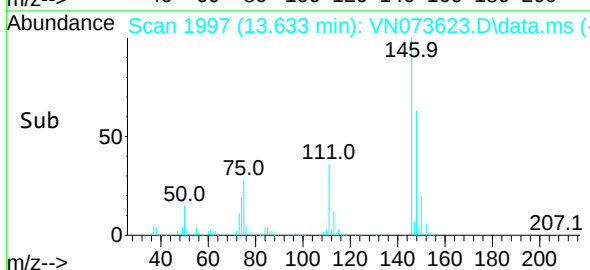
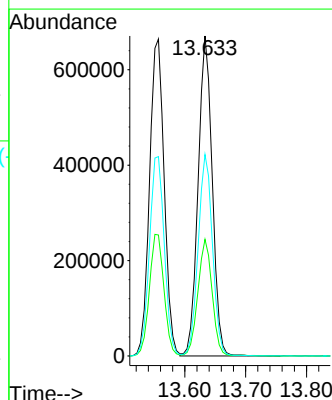
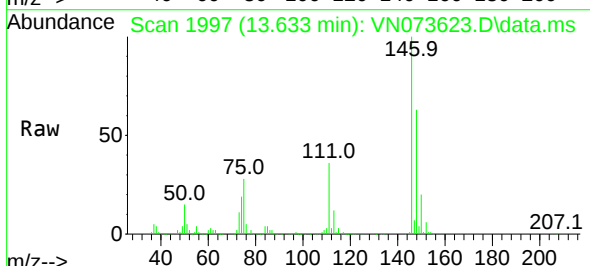
Tgt Ion:146 Resp: 1083138

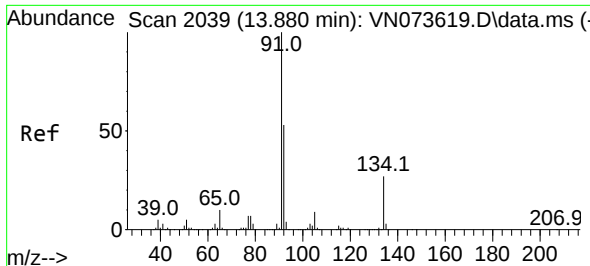
Ion Ratio Lower Upper

146 100

111 36.3 19.1 57.1

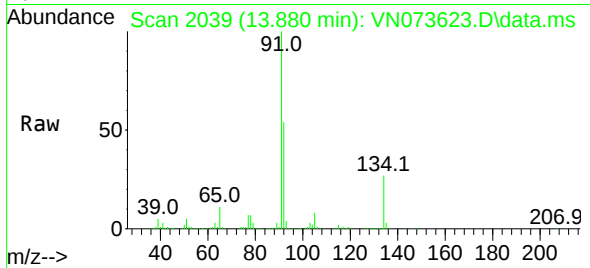
148 63.8 31.4 94.3





#89
n-Butylbenzene
Concen: 111.462 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

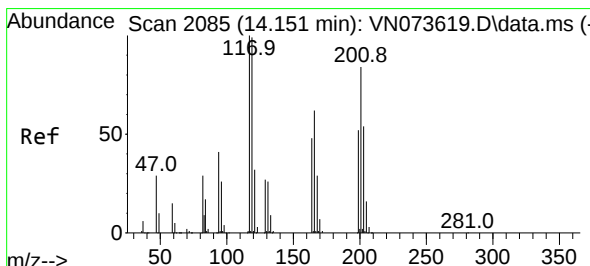
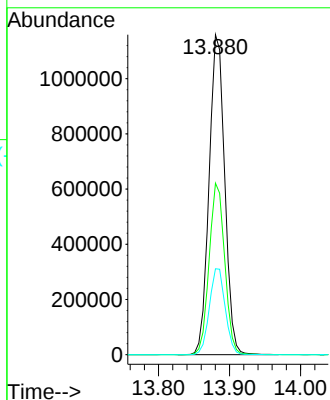
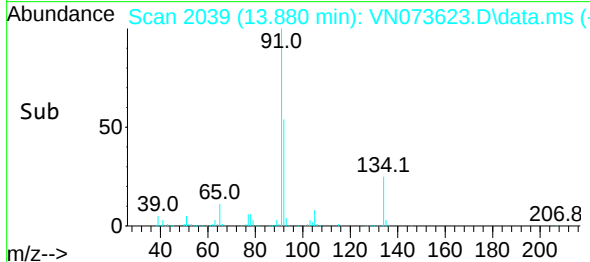
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 177238
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 27.3 13.6 40.8

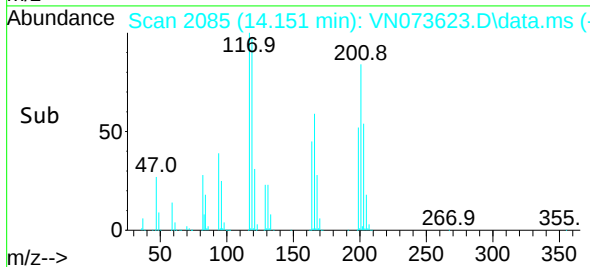
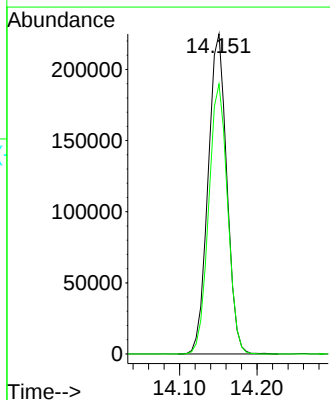
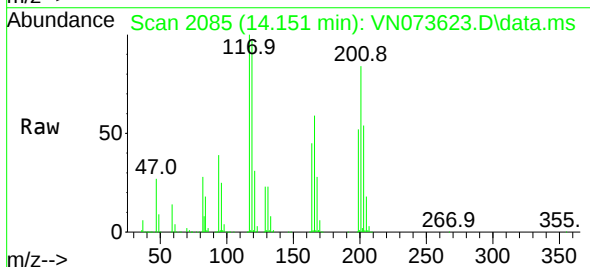
Manual Integrations
APPROVED

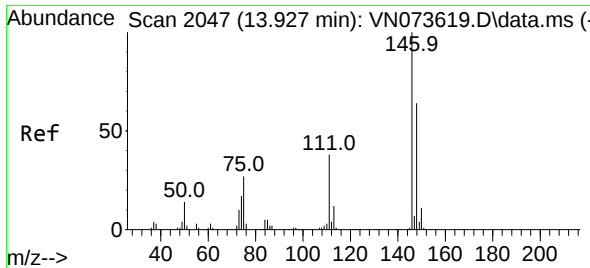
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#90
Hexachloroethane
Concen: 94.967 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

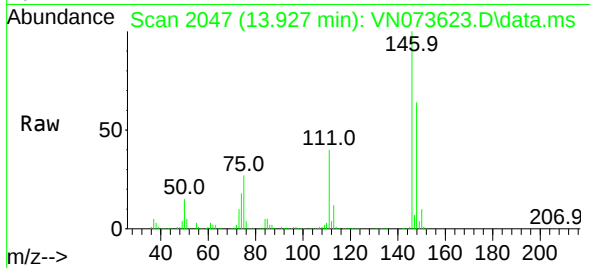
Tgt Ion:117 Resp: 377713
Ion Ratio Lower Upper
117 100
201 84.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 92.290 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

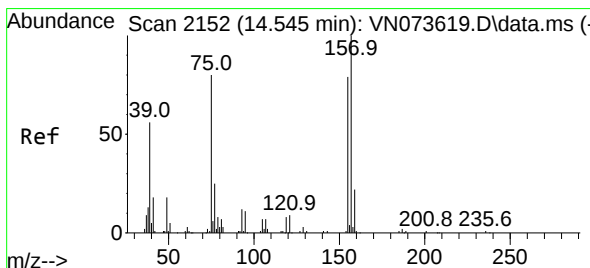
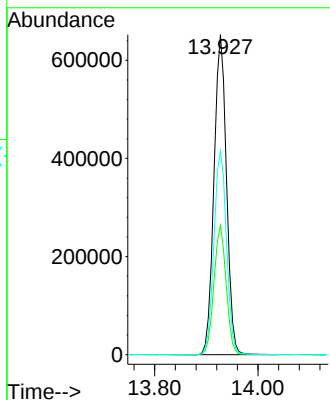
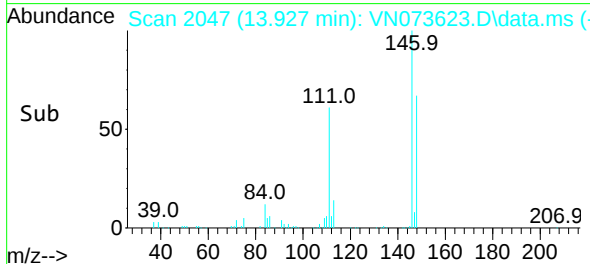
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



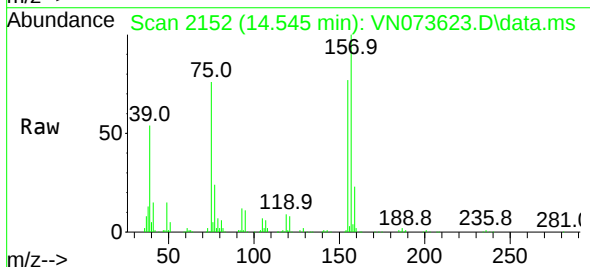
Tgt Ion:146 Resp: 1094980
Ion Ratio Lower Upper
146 100
111 39.6 20.9 62.8
148 64.3 32.1 96.3

Manual Integrations
APPROVED

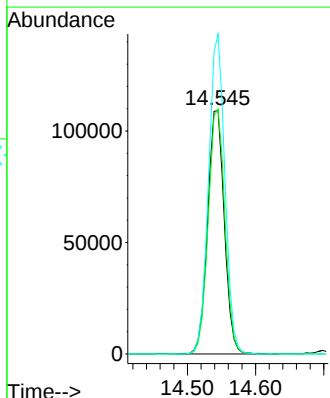
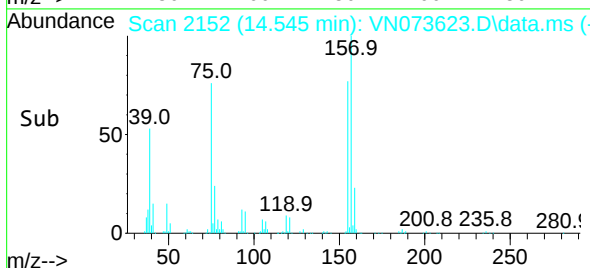
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

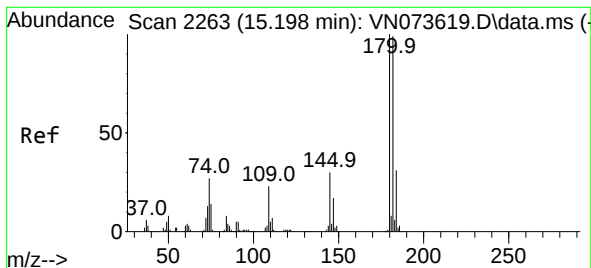


#92
1,2-Dibromo-3-Chloropropane
Concen: 99.195 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47



Tgt Ion: 75 Resp: 186573
Ion Ratio Lower Upper
75 100
155 100.3 44.9 134.5
157 128.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 113.250 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

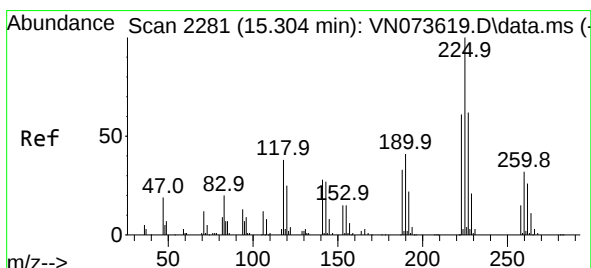
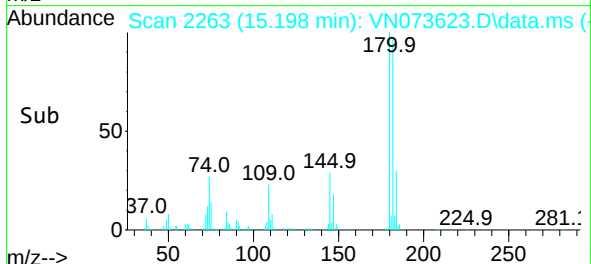
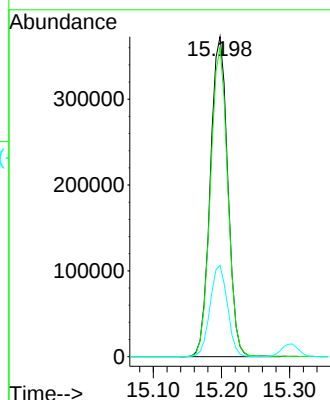
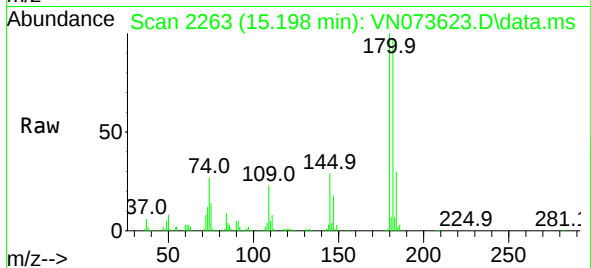
Tgt Ion:	180	Resp:	66421
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.5
145	28.5	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#94

Hexachlorobutadiene

Concen: 99.156 ug/l

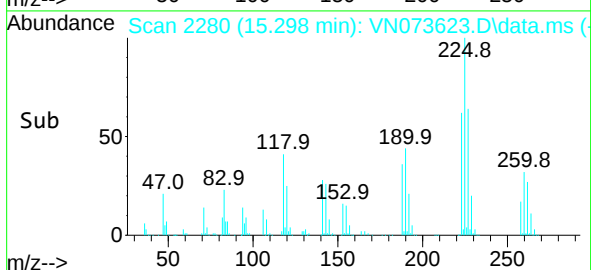
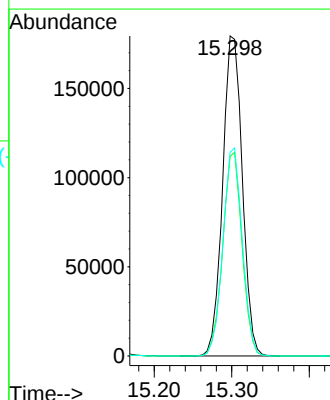
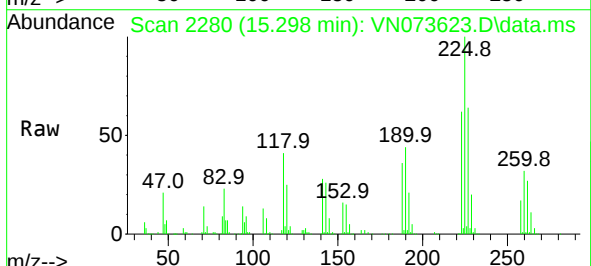
RT: 15.298 min Scan# 2280

Delta R.T. -0.006 min

Lab File: VN073623.D

Acq: 28 Jul 2022 13:47

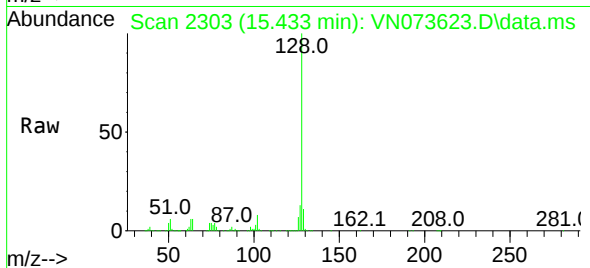
Tgt Ion:	225	Resp:	316760
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.4	97.2
227	64.0	31.8	95.4





#95
Naphthalene
Concen: 115.900 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

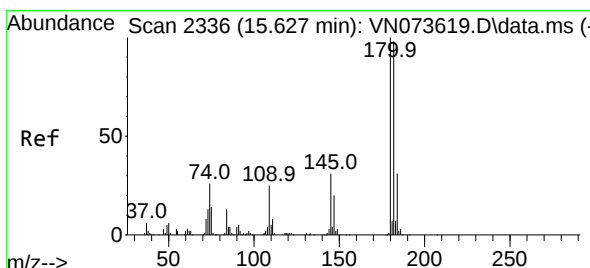
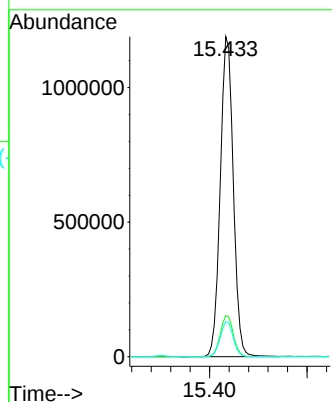
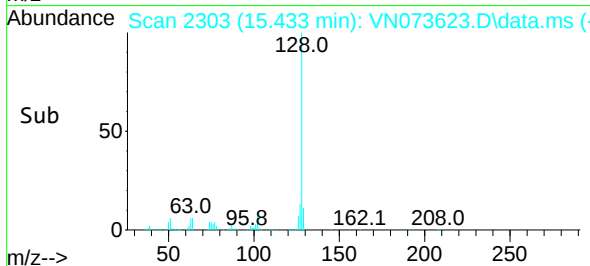
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 2210720
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 108.354 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073623.D
Acq: 28 Jul 2022 13:47

Tgt Ion:180 Resp: 664977
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 30.3 15.5 46.5

