

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073915.D
 Acq On : 16 Aug 2022 00:04
 Operator : JC\MD
 Sample : VN0815WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 01:41:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	594671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	886214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	788166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	386302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	316702	54.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	7.951	113	279238	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.380	98	1049091	51.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.674	95	352901	52.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	88586	18.787	ug/l	96
3) Chloromethane	2.269	50	102071	19.466	ug/l	98
4) Vinyl Chloride	2.404	62	126595	18.807	ug/l	97
5) Bromomethane	2.804	94	78538	18.684	ug/l	96
6) Chloroethane	2.969	64	82945	17.442	ug/l	99
7) Trichlorofluoromethane	3.316	101	159981	18.424	ug/l	97
8) Diethyl Ether	3.763	74	61119	18.961	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.145	101	89950	17.832	ug/l	93
10) Methyl Iodide	4.351	142	111586	18.426	ug/l	100
11) Tert butyl alcohol	5.286	59	132162	102.009	ug/l	99
12) 1,1-Dichloroethene	4.116	96	86019	18.328	ug/l	91
13) Acrolein	3.981	56	103865	114.532	ug/l	98
14) Allyl chloride	4.757	41	124345	17.889	ug/l	97
15) Acrylonitrile	5.475	53	304432	96.245	ug/l	99
16) Acetone	4.222	43	264651	96.849	ug/l	98
17) Carbon Disulfide	4.463	76	193696	17.357	ug/l	98
18) Methyl Acetate	4.775	43	148198	20.182	ug/l	97
19) Methyl tert-butyl Ether	5.533	73	320908	18.985	ug/l	97
20) Methylene Chloride	5.016	84	105552	18.305	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	91768	17.748	ug/l	90
22) Diisopropyl ether	6.410	45	280078	19.004	ug/l	96
23) Vinyl Acetate	6.351	43	1206768	95.552	ug/l	98
24) 1,1-Dichloroethane	6.304	63	168597	18.379	ug/l	98
25) 2-Butanone	7.263	43	423228	97.679	ug/l	98
26) 2,2-Dichloropropane	7.251	77	110375	12.806	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	115660	18.130	ug/l	93
28) Bromochloromethane	7.586	49	70369	20.798	ug/l	83
29) Tetrahydrofuran	7.610	42	270465	97.309	ug/l	95
30) Chloroform	7.745	83	186956	18.226	ug/l	98
31) Cyclohexane	8.022	56	149813	18.554	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	171273	18.828	ug/l	96
36) 1,1-Dichloropropene	8.151	75	128759	17.688	ug/l	98
37) Ethyl Acetate	7.339	43	162888	18.470	ug/l	99
38) Carbon Tetrachloride	8.133	117	146132	17.562	ug/l	97
39) Methylcyclohexane	9.392	83	159167	17.450	ug/l	94
40) Benzene	8.392	78	413098	17.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	74760	18.758	ug/l	97
42) 1,2-Dichloroethane	8.463	62	146478	18.542	ug/l	98
43) Isopropyl Acetate	8.498	43	231273	18.408	ug/l	97
44) Trichloroethene	9.151	130	115580	17.417	ug/l	99
45) 1,2-Dichloropropane	9.427	63	99916	18.144	ug/l	100
46) Dibromomethane	9.516	93	77385	18.483	ug/l	93
47) Bromodichloromethane	9.698	83	142847	17.851	ug/l	96
48) Methyl methacrylate	9.498	41	104734	19.483	ug/l	90
49) 1,4-Dioxane	9.504	88	60900	380.949	ug/l	93
51) 4-Methyl-2-Pentanone	10.268	43	816080	96.075	ug/l	100
52) Toluene	10.445	92	272126	17.273	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	142695	16.993	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	158628	17.265	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	113714	18.555	ug/l	99
56) Ethyl methacrylate	10.704	69	167437	19.156	ug/l	99
57) 1,3-Dichloropropane	10.986	76	184924	18.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	375394	92.021	ug/l	95
59) 2-Hexanone	11.027	43	630468	96.443	ug/l	100
60) Dibromochloromethane	11.180	129	122542	18.081	ug/l	99
61) 1,2-Dibromoethane	11.286	107	119790	18.275	ug/l	100
64) Tetrachloroethene	10.916	164	107206	17.233	ug/l	92
65) Chlorobenzene	11.710	112	301074	17.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	115955	18.281	ug/l	98
67) Ethyl Benzene	11.786	91	505403	18.143	ug/l	94
68) m/p-Xylenes	11.892	106	401662	35.487	ug/l	98
69) o-Xylene	12.221	106	204632	18.029	ug/l	95
70) Styrene	12.233	104	323473	18.204	ug/l	98
71) Bromoform	12.398	173	96890	17.109	ug/l #	98
73) Isopropylbenzene	12.521	105	517639	18.402	ug/l	97
74) N-amyl acetate	12.327	43	192262	18.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	174125	18.447	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	150533m	18.748	ug/l	
77) Bromobenzene	12.798	156	137269	18.029	ug/l	91
78) n-propylbenzene	12.862	91	544669	18.165	ug/l	97
79) 2-Chlorotoluene	12.945	91	347130	18.577	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	429977	18.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	46892	16.610	ug/l	100
82) 4-Chlorotoluene	13.045	91	328016	18.483	ug/l	95
83) tert-Butylbenzene	13.262	119	394324	18.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.309	105	429074	18.779	ug/l	99
85) sec-Butylbenzene	13.439	105	514826	18.864	ug/l	98
86) p-Isopropyltoluene	13.557	119	438970	18.880	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	240660	18.226	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	238137	17.796	ug/l	98
89) n-Butylbenzene	13.880	91	322797	17.528	ug/l	99
90) Hexachloroethane	14.151	117	74639	17.562	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	251181	18.421	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	40581	18.208	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	146997	17.713	ug/l	98
94) Hexachlorobutadiene	15.303	225	76505	17.489	ug/l	99
95) Naphthalene	15.433	128	520060	19.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	156435	18.237	ug/l	99

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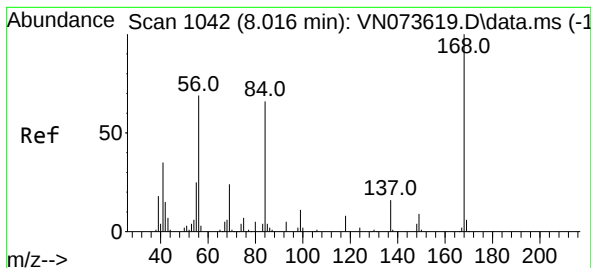
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Quant Title : SW846 8260
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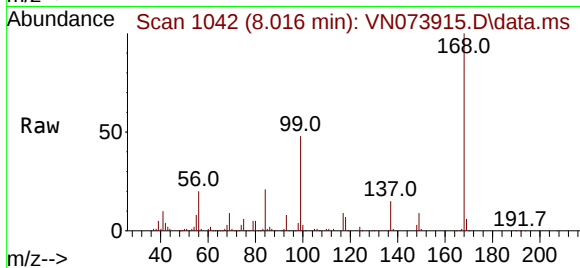
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073915.D
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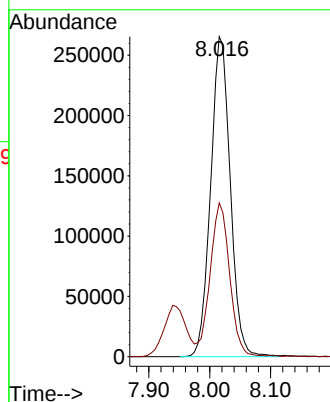
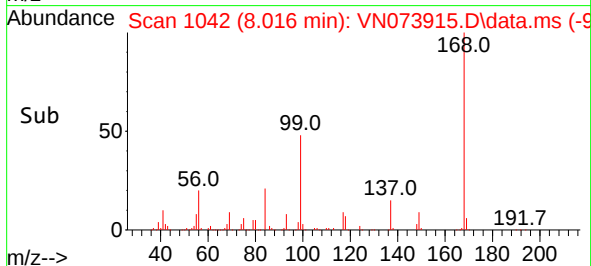
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion:168 Resp: 59467
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5

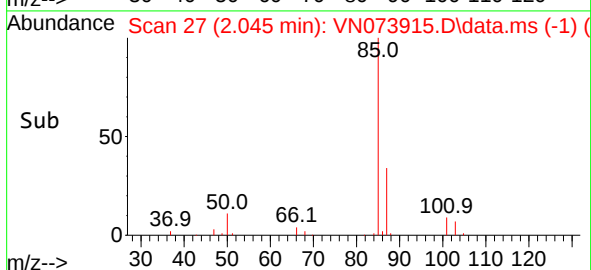
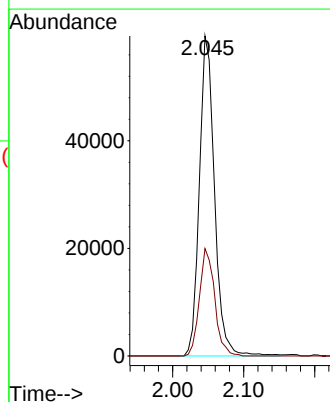
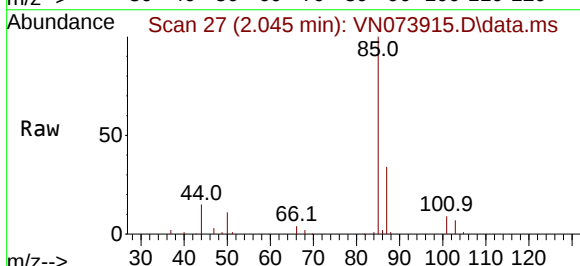
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#2
Dichlorodifluoromethane
Concen: 18.787 ug/l
RT: 2.045 min Scan# 27
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

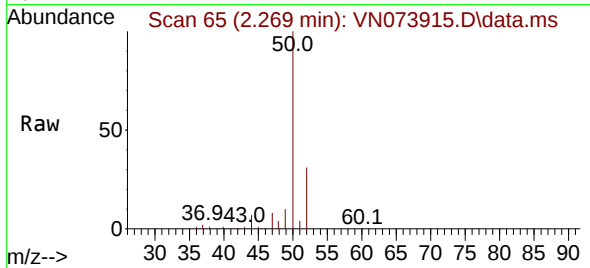
Tgt Ion: 85 Resp: 88586
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1





#3
Chloromethane
Concen: 19.466 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

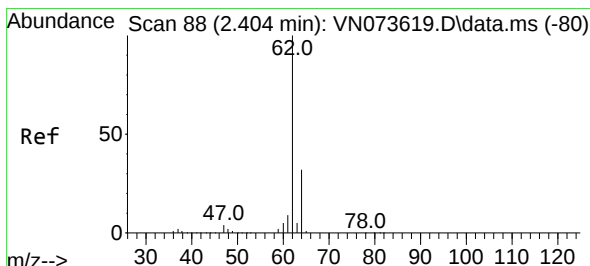
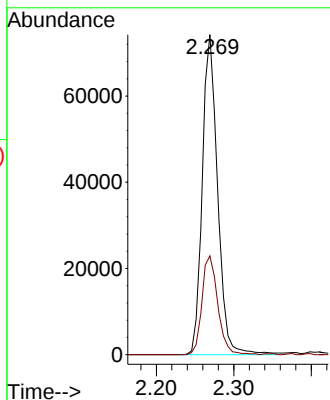
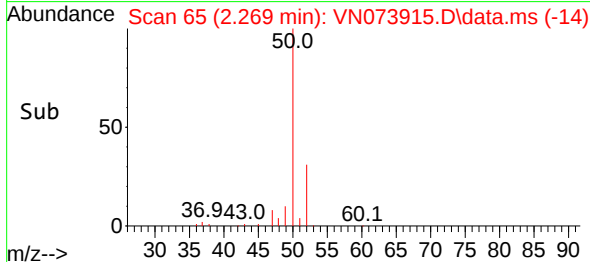
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ClientSampleId :
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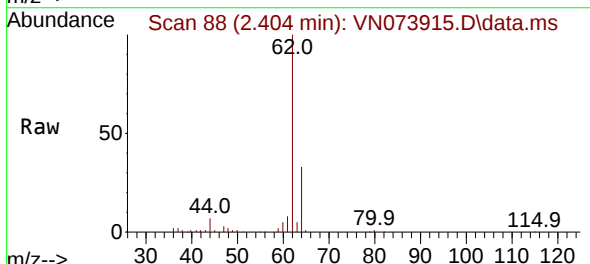
Tgt Ion: 50 Resp: 10207
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

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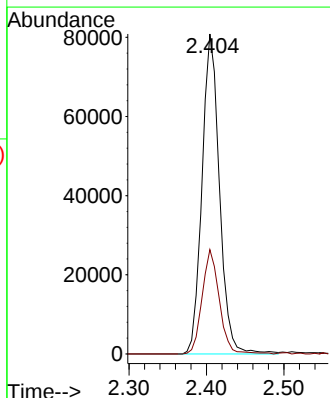
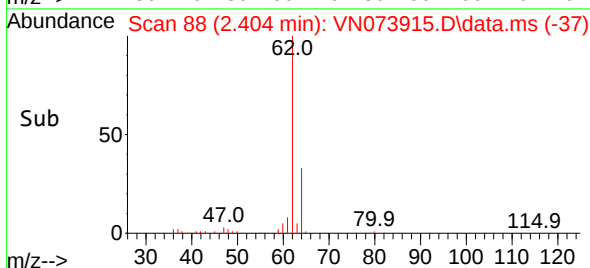
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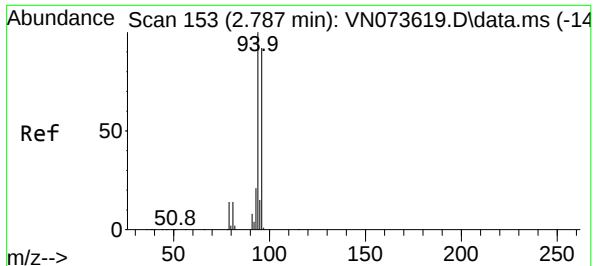


#4
Vinyl Chloride
Concen: 18.807 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



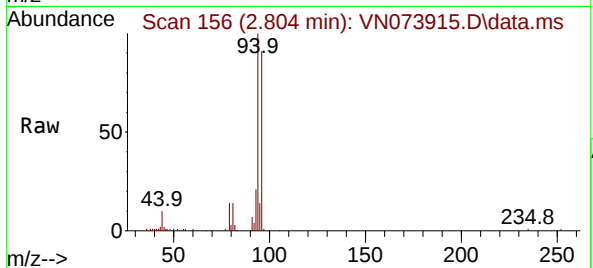
Tgt Ion: 62 Resp: 126595
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.4





#5
Bromomethane
Concen: 18.684 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

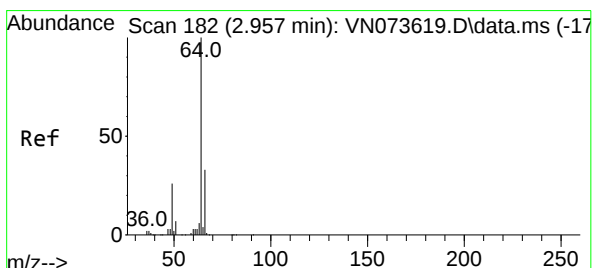
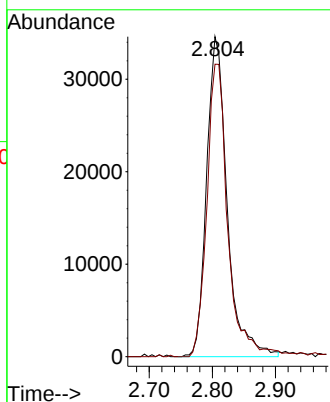
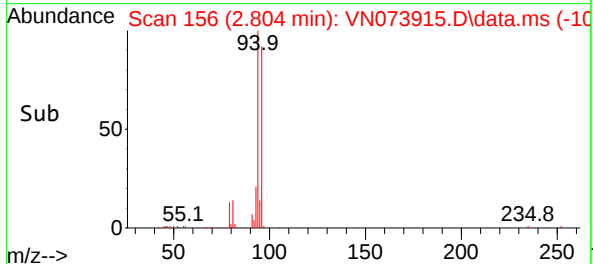
Instrument :
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Tgt Ion: 94 Resp: 78538
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0

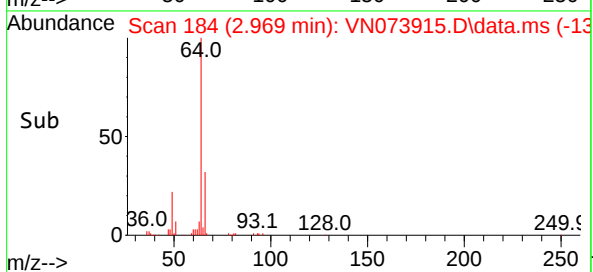
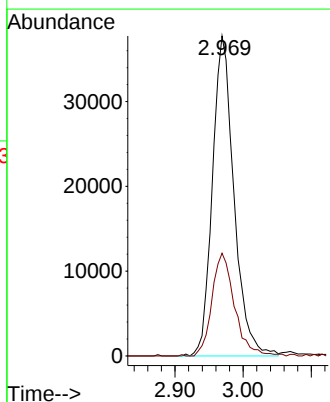
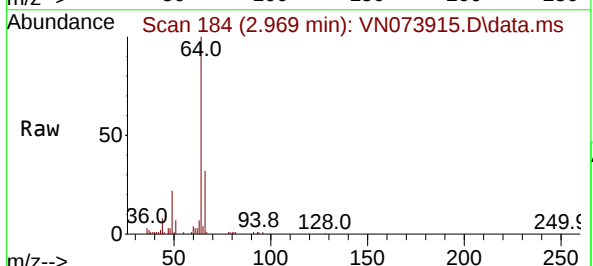
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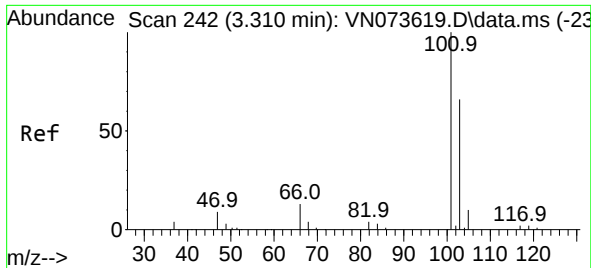
Reviewed By :John Carlone 08/16/2022
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#6
Chloroethane
Concen: 17.442 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

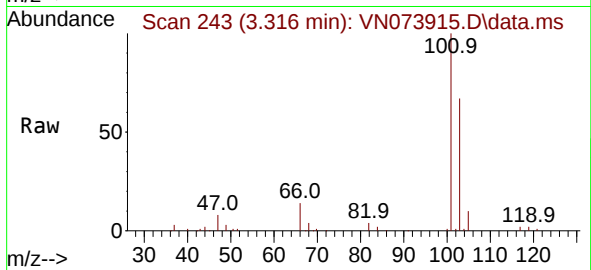
Tgt Ion: 64 Resp: 82945
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.424 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN073915.D
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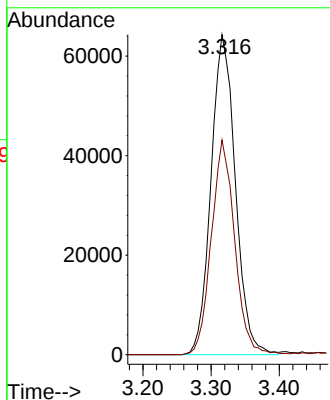
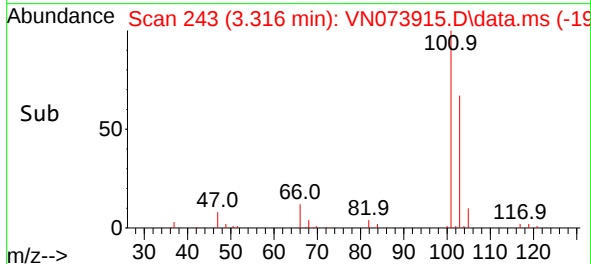
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Tgt Ion:101 Resp: 15998
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.5 77.3

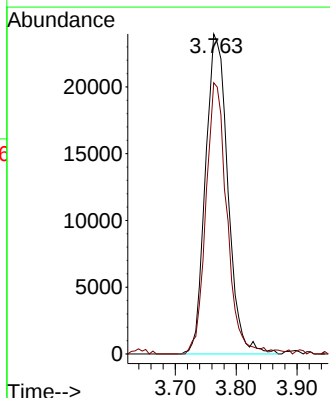
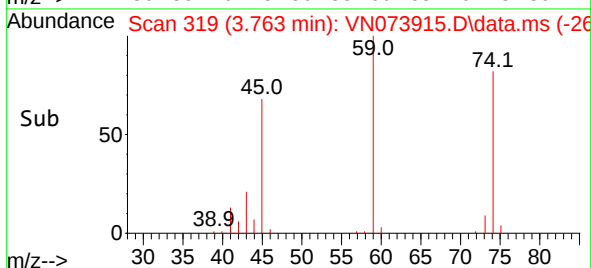
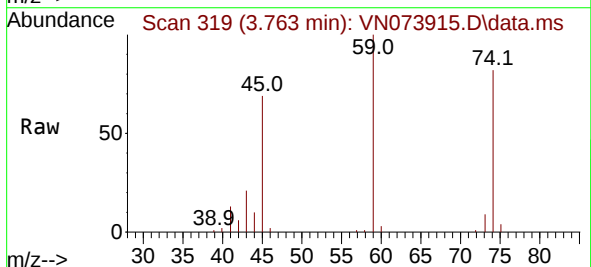
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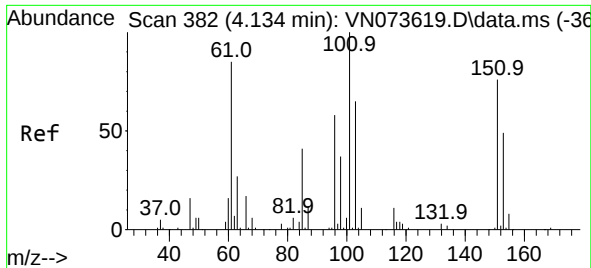
Reviewed By :John Carlone 08/16/2022
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#8
 Diethyl Ether
 Concen: 18.961 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

Tgt Ion: 74 Resp: 61119
 Ion Ratio Lower Upper
 74 100
 45 79.7 42.9 128.5





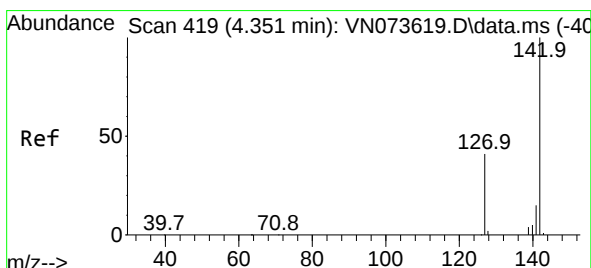
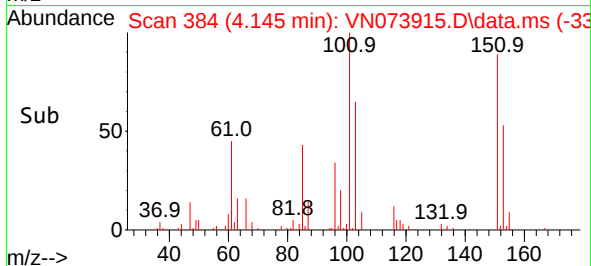
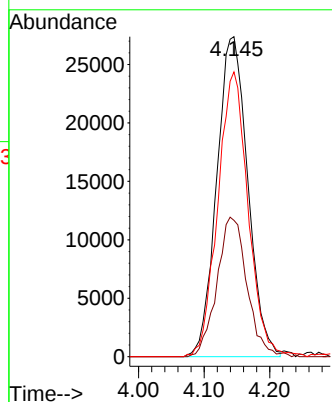
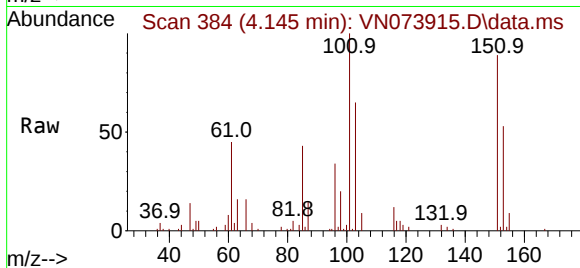
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.832 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN073915.D
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Tgt Ion:101 Resp: 89950
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 86.8 63.0 94.4

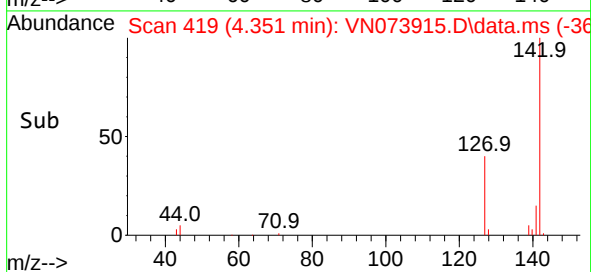
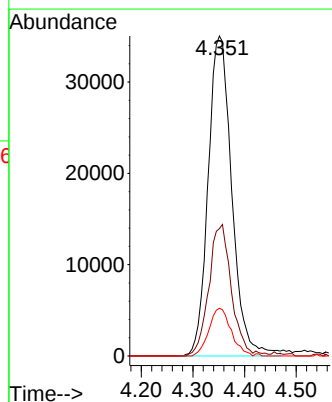
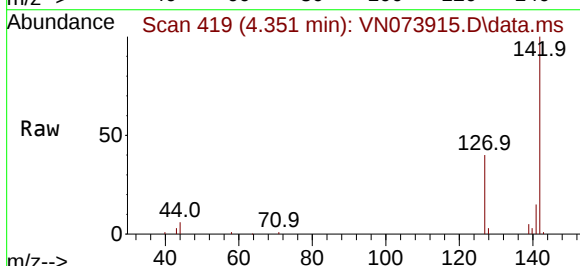
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 18.426 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion:142 Resp: 111586
Ion Ratio Lower Upper
142 100
127 39.4 31.3 46.9
141 14.0 11.2 16.8





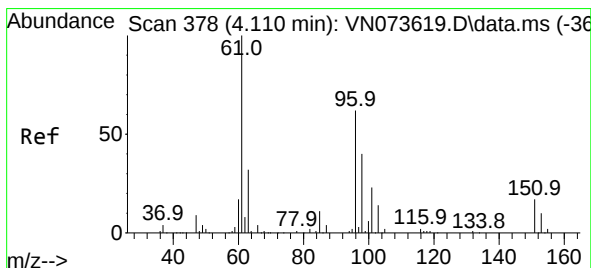
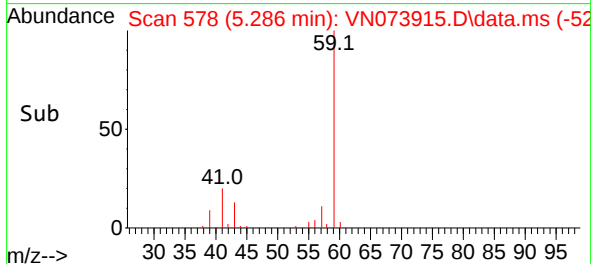
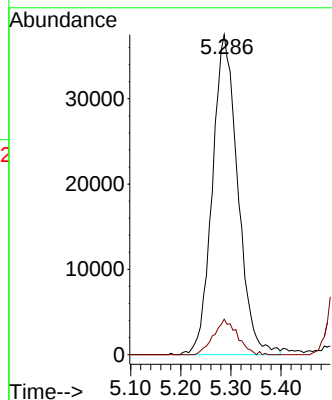
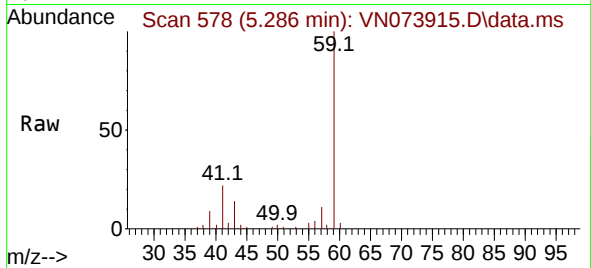
#11
Tert butyl alcohol
Concen: 102.009 ug/l
RT: 5.286 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02

Tgt Ion: 59 Resp: 132162
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

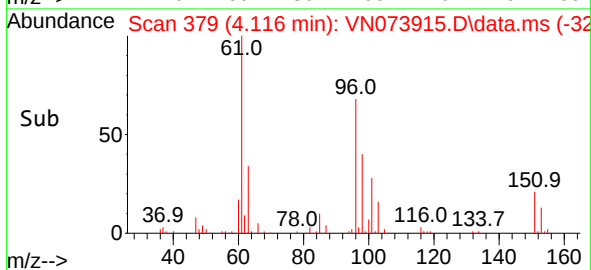
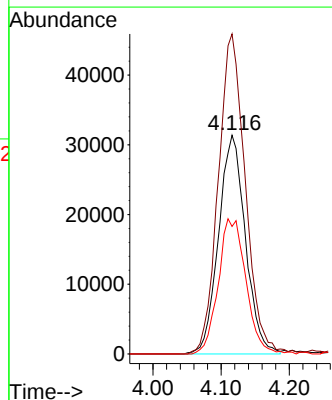
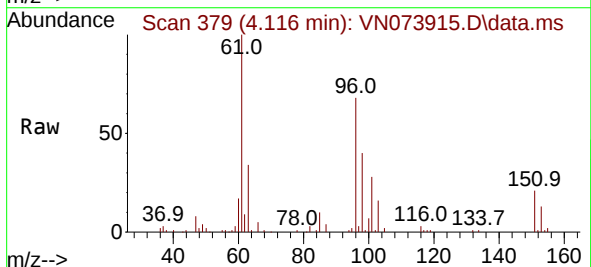
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 18.328 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

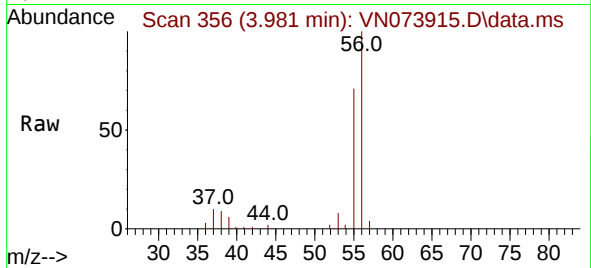
Tgt Ion: 96 Resp: 86019
Ion Ratio Lower Upper
96 100
61 146.3 127.6 191.4
98 58.3 51.2 76.8





#13
Acrolein
Concen: 114.532 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

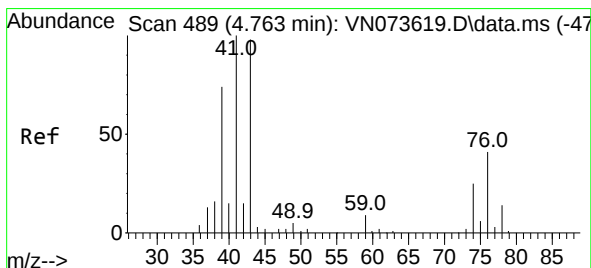
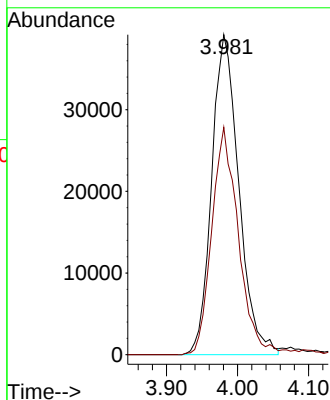
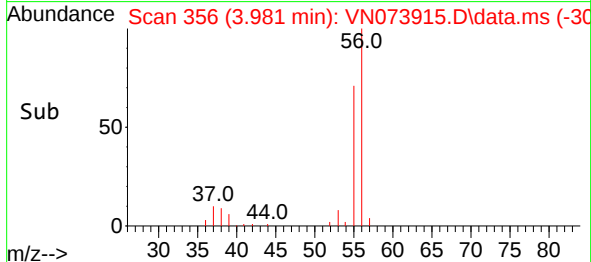
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



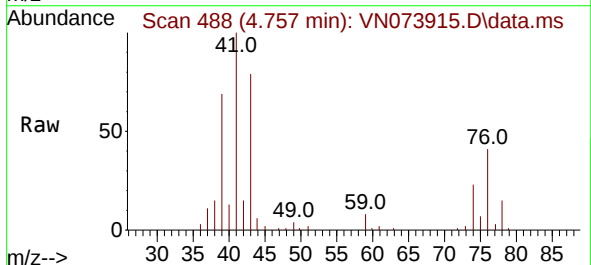
Tgt Ion: 56 Resp: 10386
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

Manual Integrations
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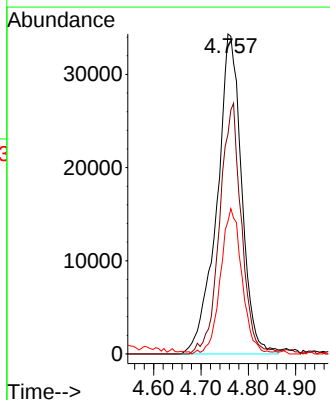
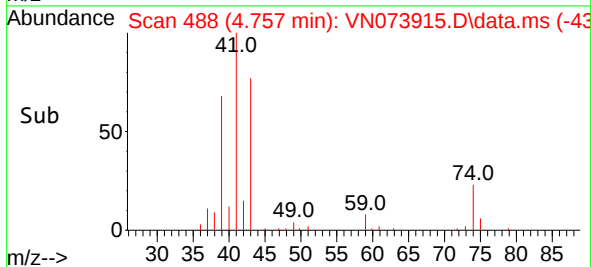
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

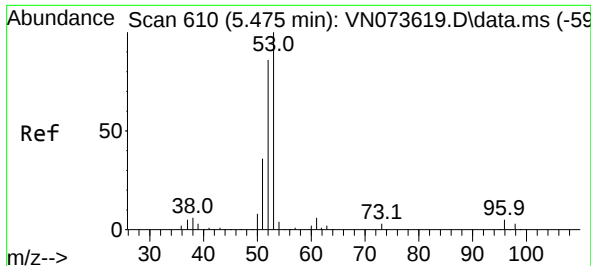


#14
Allyl chloride
Concen: 17.889 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



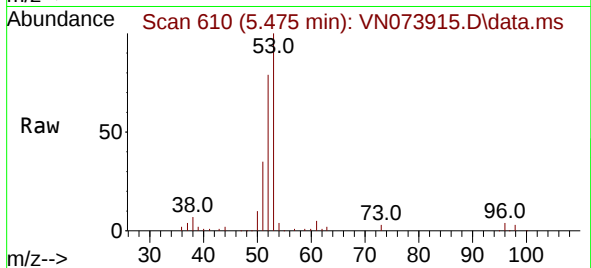
Tgt Ion: 41 Resp: 124345
Ion Ratio Lower Upper
41 100
39 69.0 53.2 79.8
76 39.4 29.9 44.9





#15
Acrylonitrile
Concen: 96.245 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

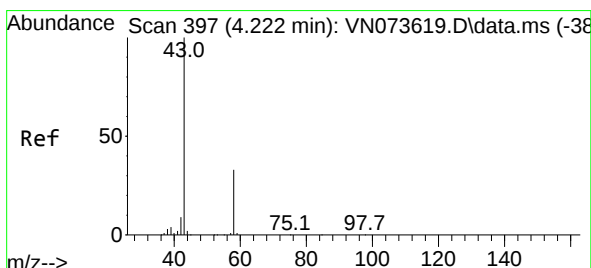
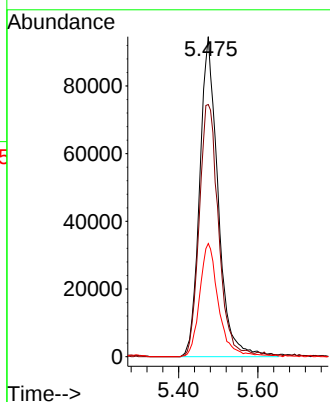
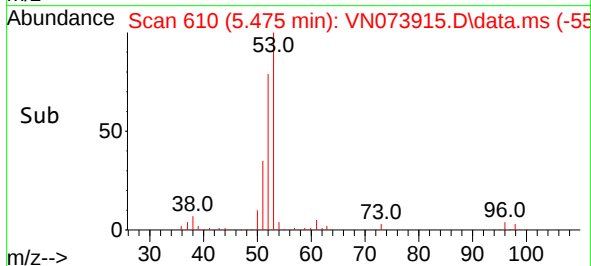
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



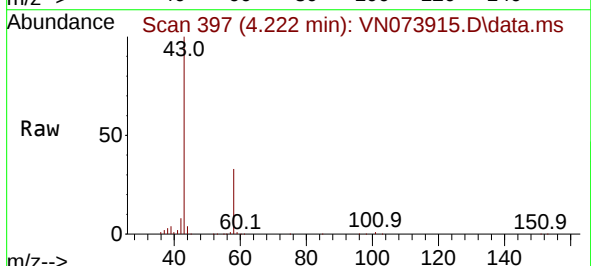
Tgt Ion: 53 Resp: 30443
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.5 28.5 42.7

Manual Integrations
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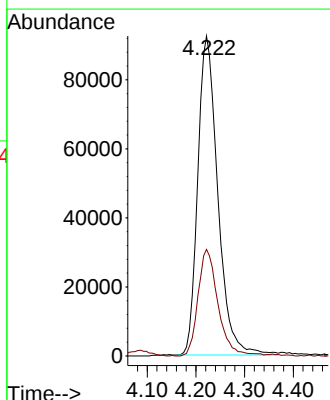
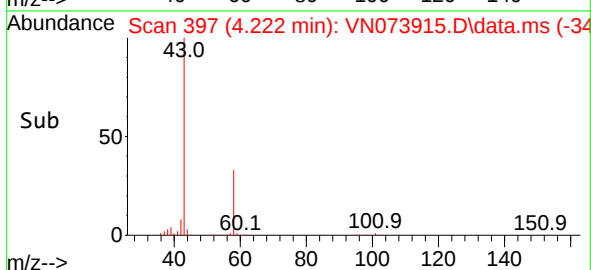
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

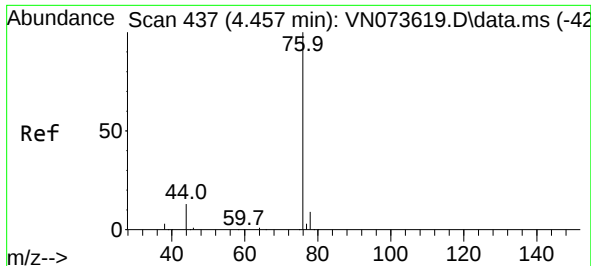


#16
Acetone
Concen: 96.849 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



Tgt Ion: 43 Resp: 264651
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0





#17

Carbon Disulfide

Concen: 17.357 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 76 Resp: 193690

Ion Ratio Lower Upper

76 100

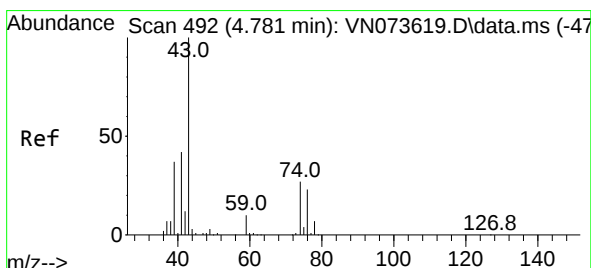
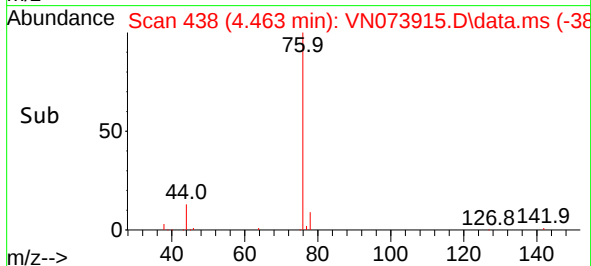
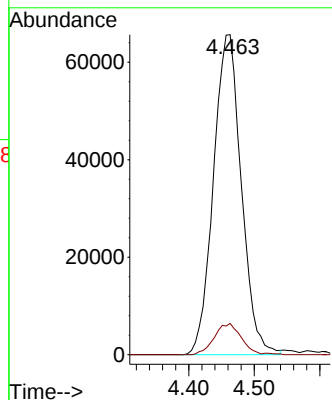
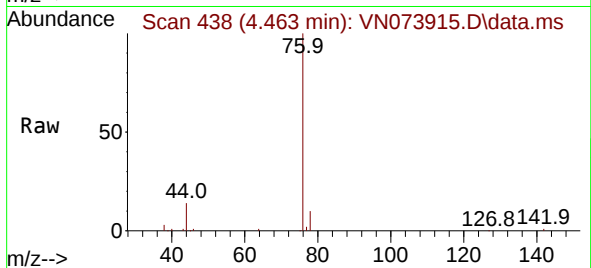
78 9.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#18

Methyl Acetate

Concen: 20.182 ug/l

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073915.D

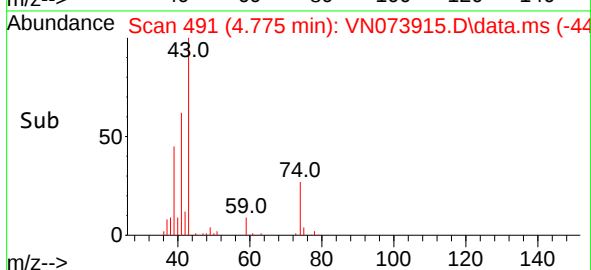
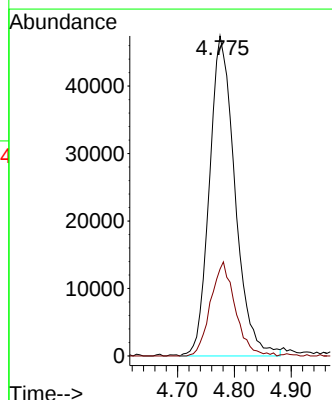
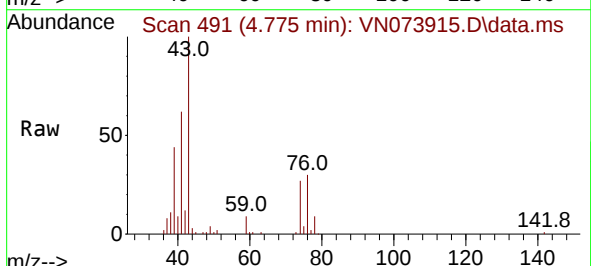
Acq: 16 Aug 2022 00:04

Tgt Ion: 43 Resp: 148198

Ion Ratio Lower Upper

43 100

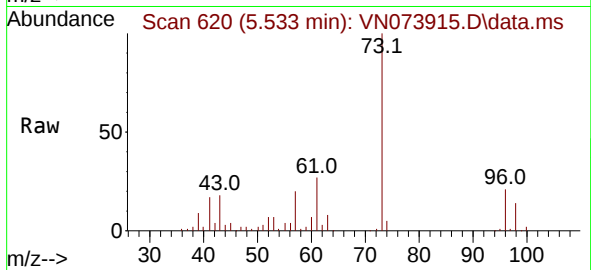
74 28.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.985 ug/l
RT: 5.533 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

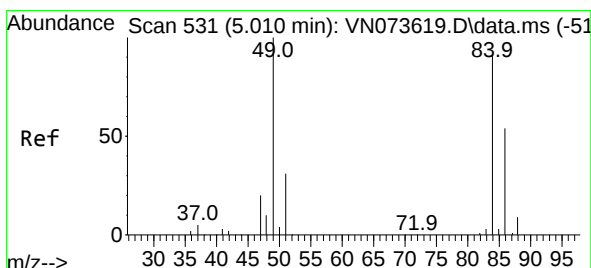
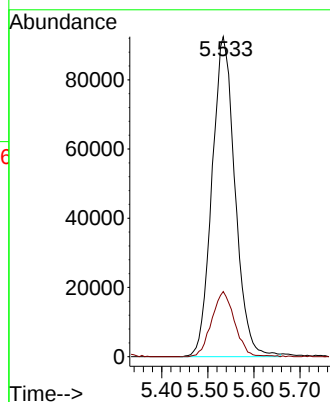
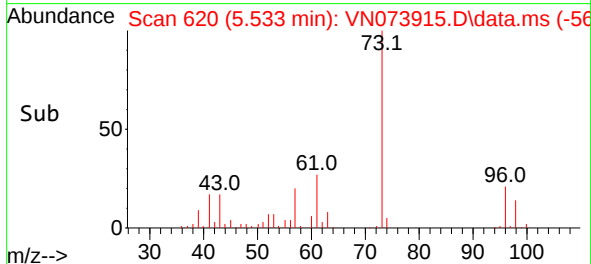
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 73 Resp: 320908
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

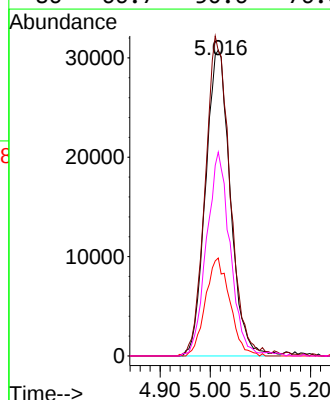
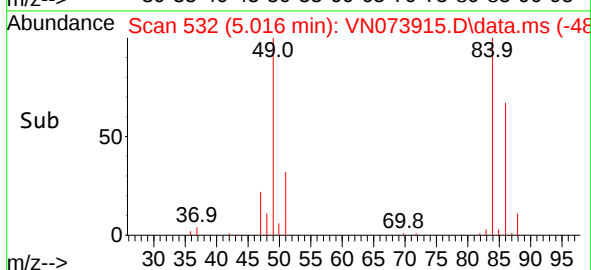
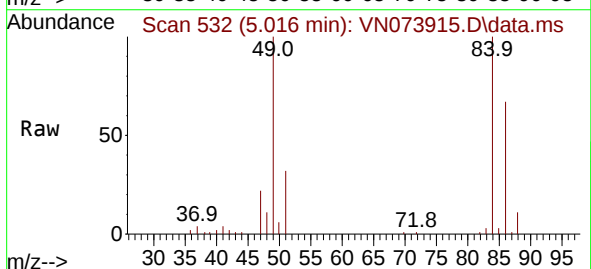
Manual Integrations
APPROVED

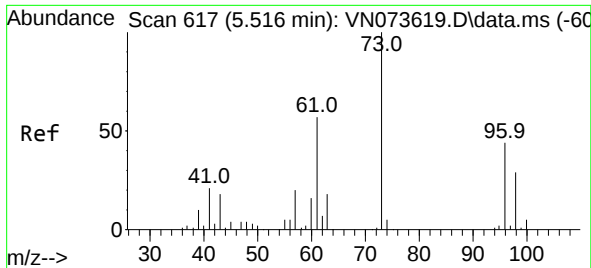
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 18.305 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

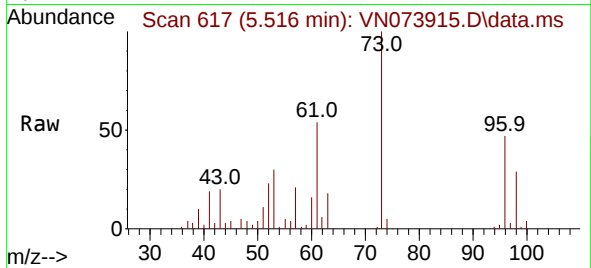
Tgt Ion: 84 Resp: 105552
Ion Ratio Lower Upper
84 100
49 99.8 88.3 132.5
51 32.0 28.2 42.2
86 66.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.748 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

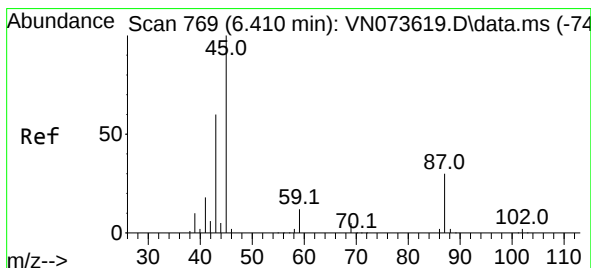
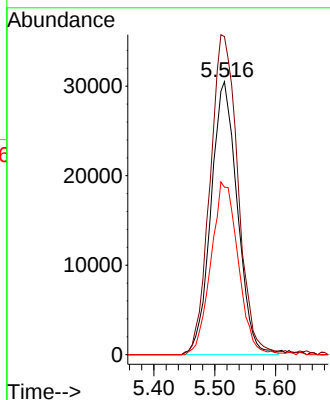
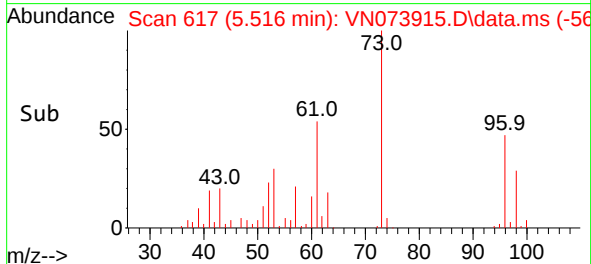
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 96 Resp: 91768
Ion Ratio Lower Upper
96 100
61 116.6 105.8 158.8
98 61.4 50.3 75.5

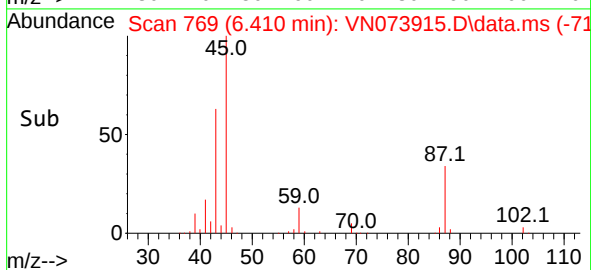
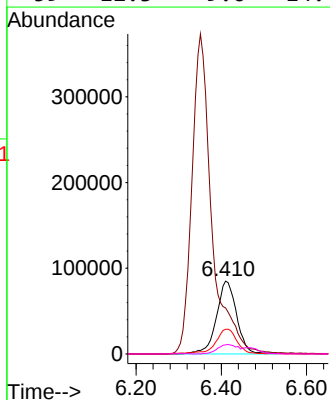
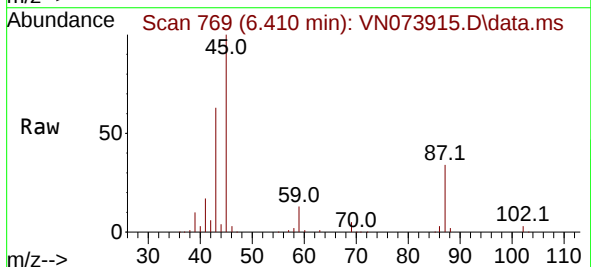
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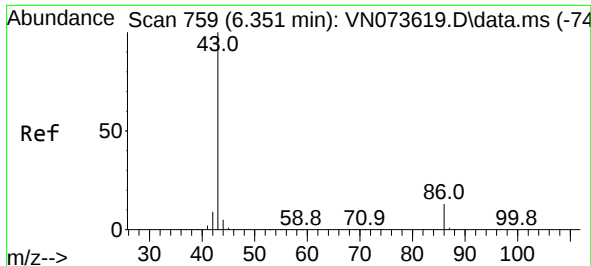
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 19.004 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion: 45 Resp: 280078
Ion Ratio Lower Upper
45 100
43 61.8 46.6 70.0
87 33.4 24.3 36.5
59 12.3 9.6 14.4





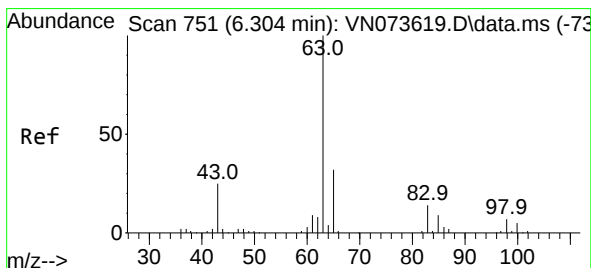
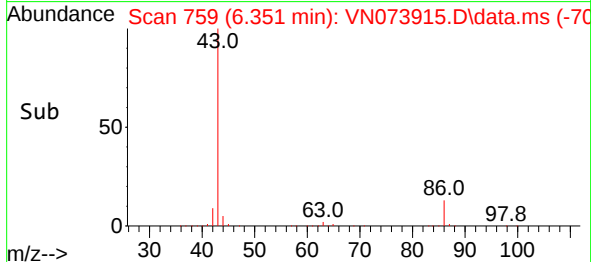
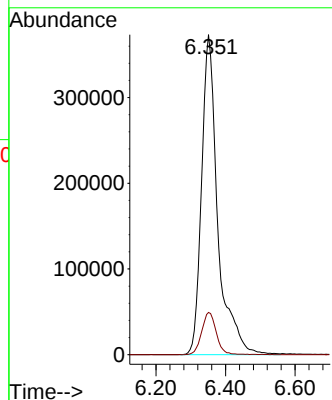
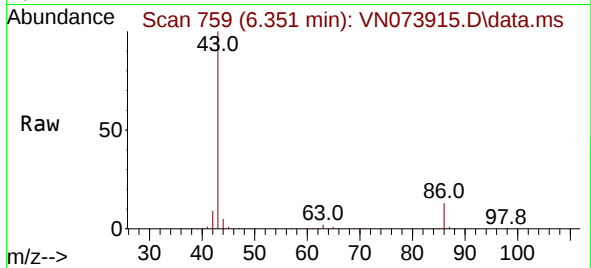
#23
 Vinyl Acetate
 Concen: 95.552 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD02

Tgt Ion: 43 Resp: 120676
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.0 15.0

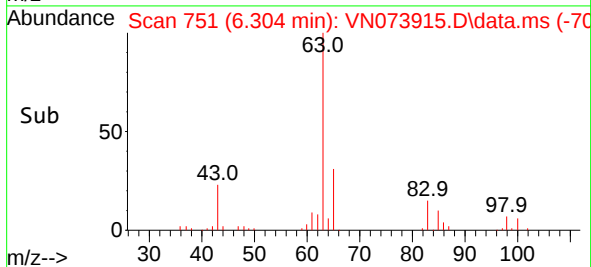
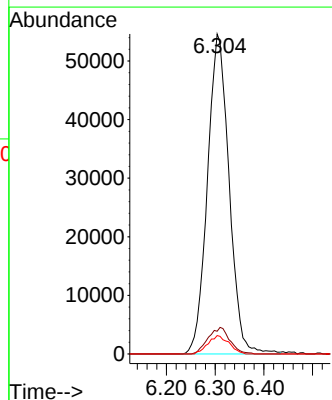
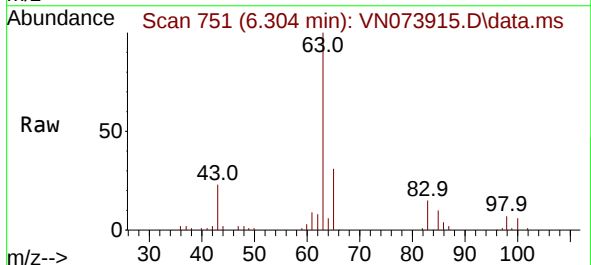
Manual Integrations
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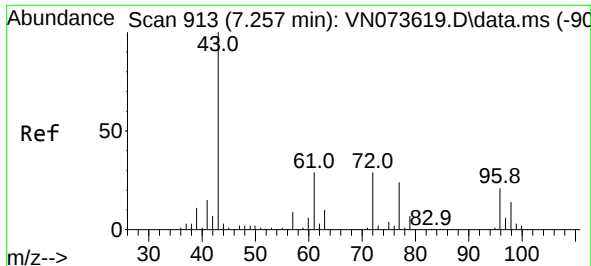
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 18.379 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

Tgt Ion: 63 Resp: 168597
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.8 2.3 6.8





#25

2-Butanone

Concen: 97.679 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 43 Resp: 423228

Ion Ratio Lower Upper

43 100

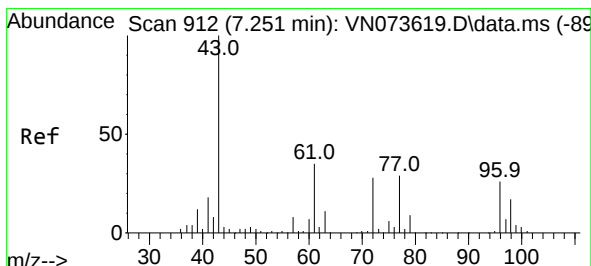
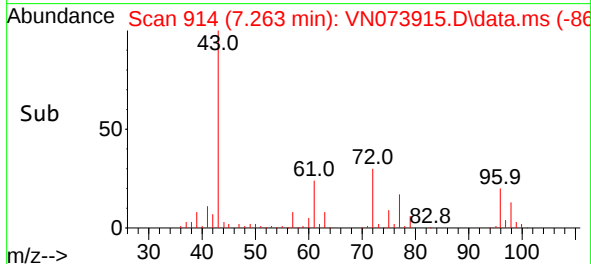
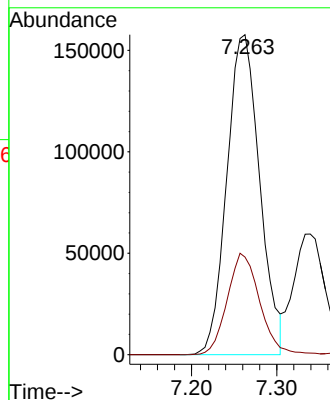
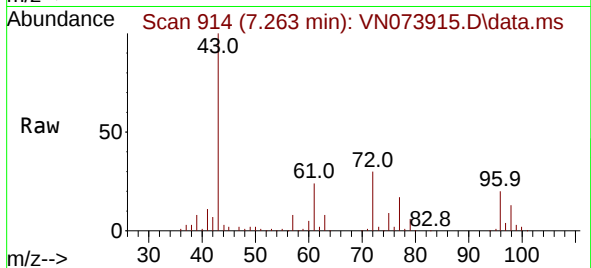
72 30.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#26

2,2-Dichloropropane

Concen: 12.806 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN073915.D

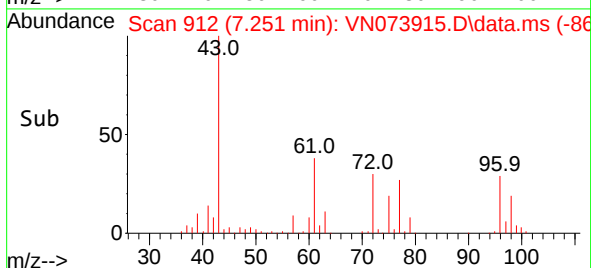
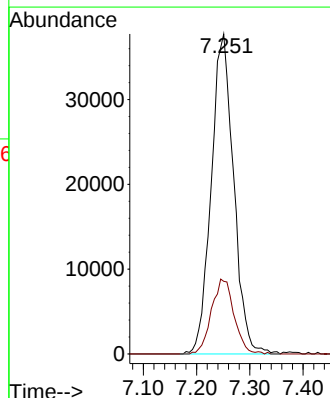
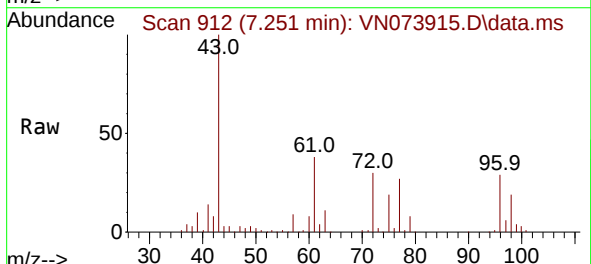
Acq: 16 Aug 2022 00:04

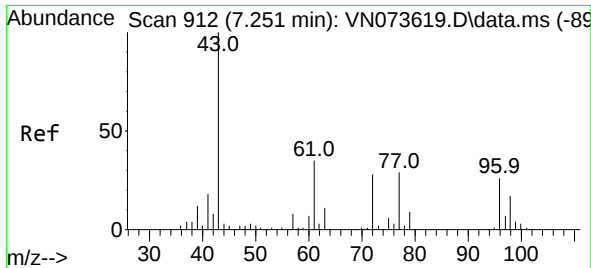
Tgt Ion: 77 Resp: 110375

Ion Ratio Lower Upper

77 100

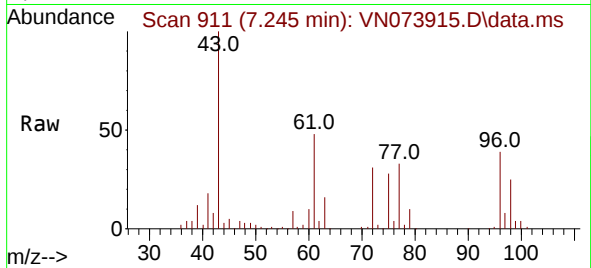
97 23.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 18.130 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

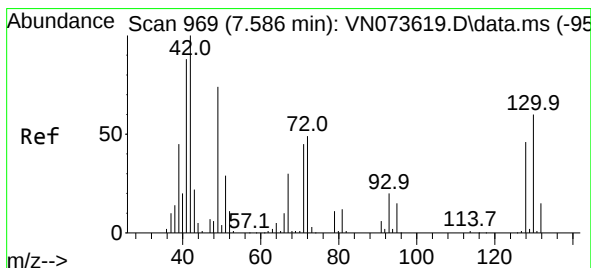
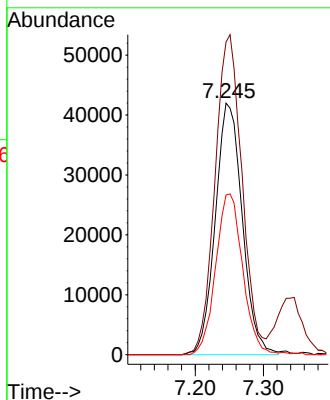
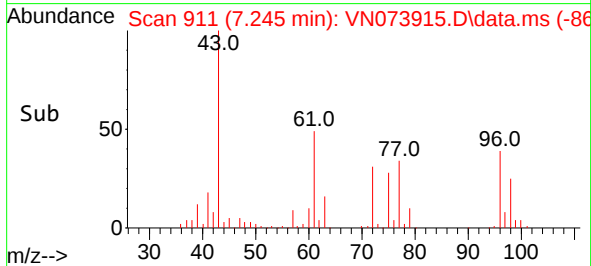
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 96 Resp: 115660
Ion Ratio Lower Upper
96 100
61 127.5 0.0 280.6
98 64.1 0.0 128.4

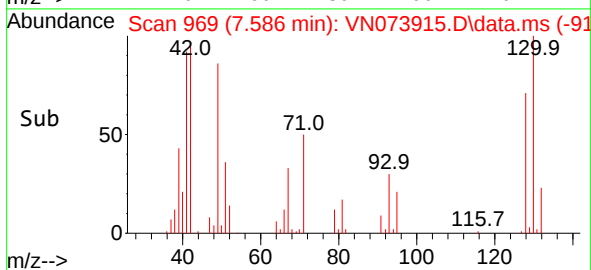
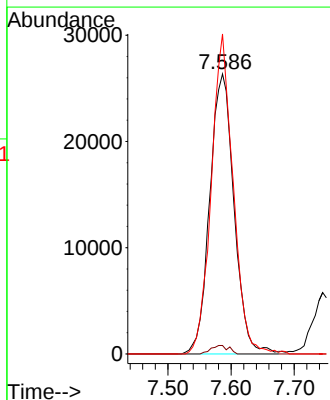
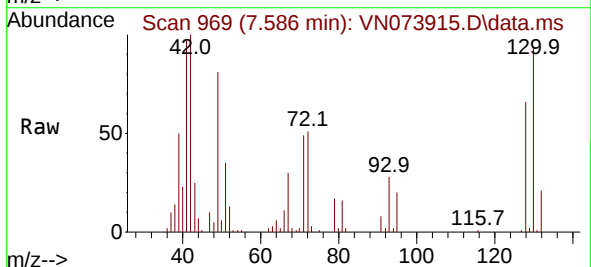
Manual Integrations
APPROVED

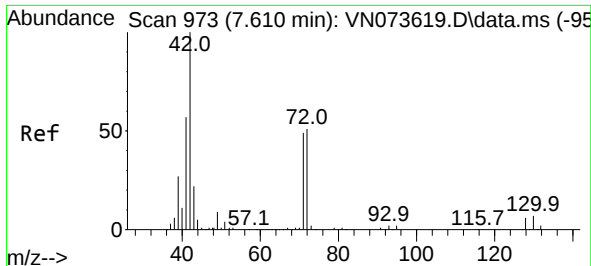
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#28
Bromochloromethane
Concen: 20.798 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion: 49 Resp: 70369
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 103.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 97.309 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073915.D

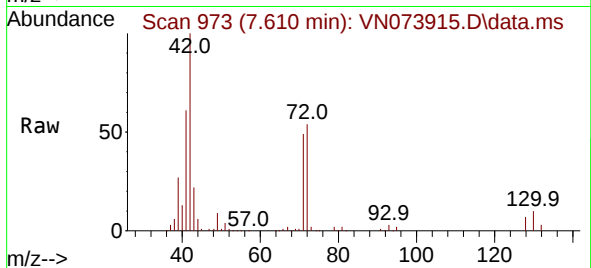
Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02



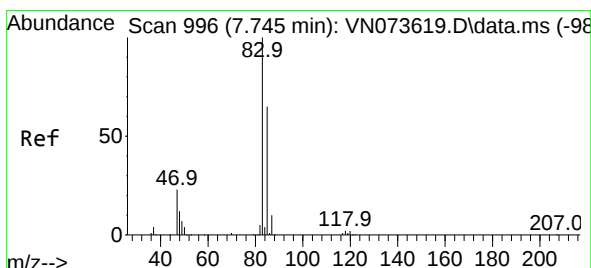
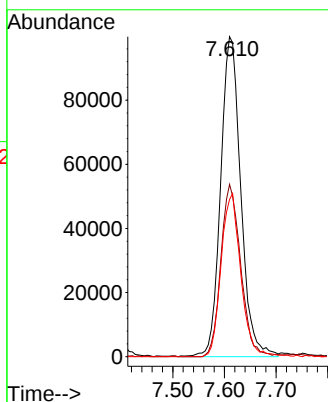
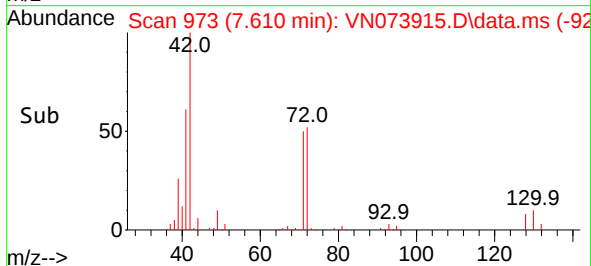
Tgt Ion:	42	Resp:	27046
Ion Ratio	100	Lower	Upper
42	100		
72	52.8	39.7	59.5
71	49.8	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#30

Chloroform

Concen: 18.226 ug/l

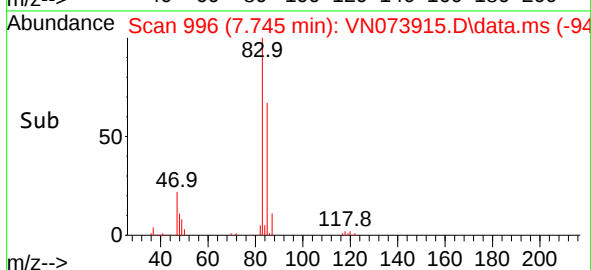
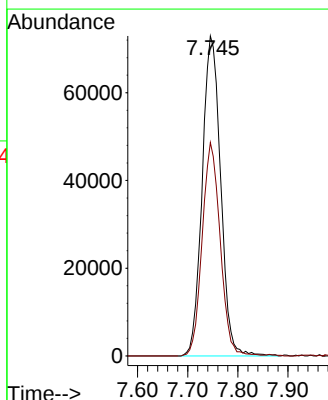
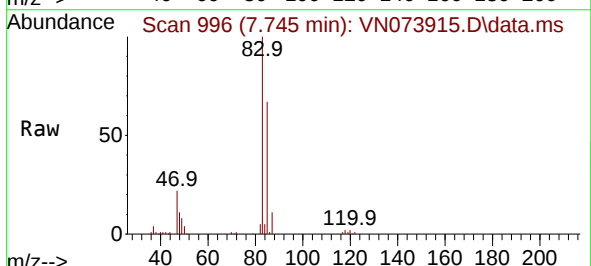
RT: 7.745 min Scan# 996

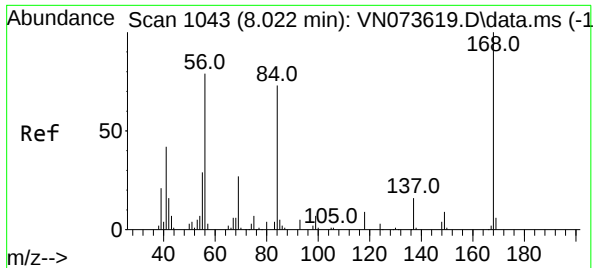
Delta R.T. 0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

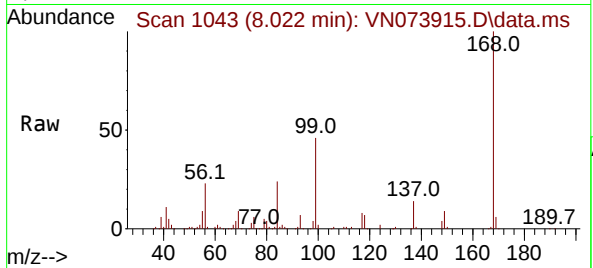
Tgt Ion:	83	Resp:	186956
Ion Ratio	100	Lower	Upper
83	100		
85	66.7	51.8	77.8





#31
Cyclohexane
Concen: 18.554 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

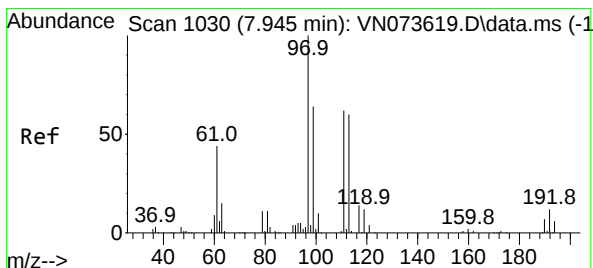
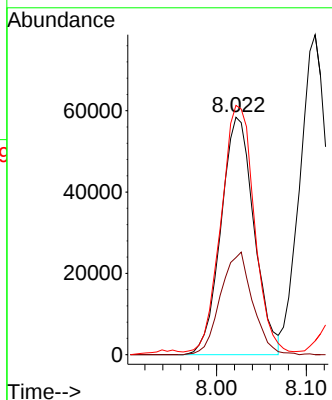
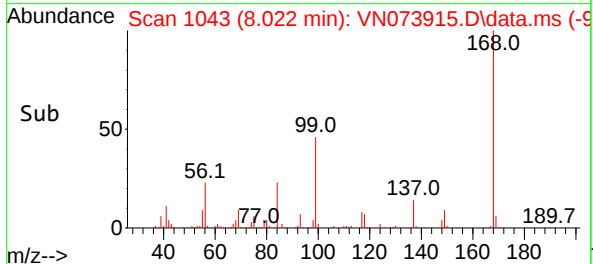
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 56 Resp: 14981
Ion Ratio Lower Upper
56 100
69 40.9 27.8 41.8
84 103.6 76.9 115.3

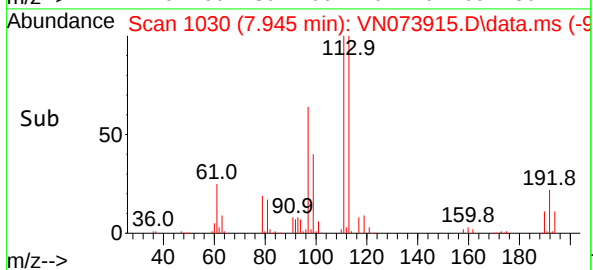
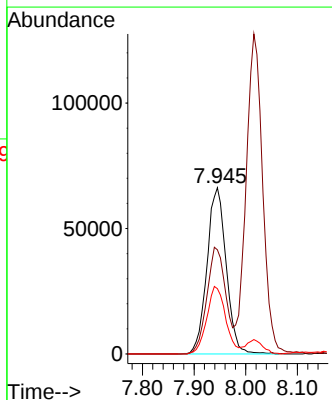
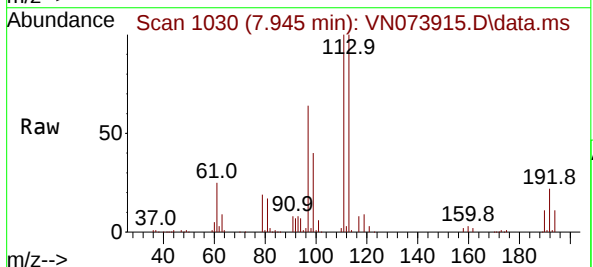
Manual Integrations
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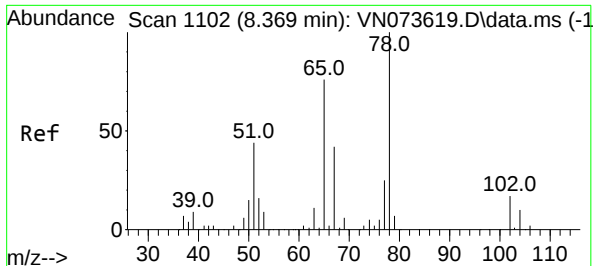
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#32
1,1,1-Trichloroethane
Concen: 18.828 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion: 97 Resp: 171273
Ion Ratio Lower Upper
97 100
99 62.3 50.6 76.0
61 39.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.679 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 65 Resp: 31670

Ion Ratio Lower Upper

65 100

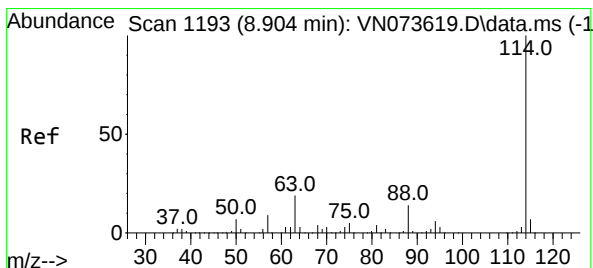
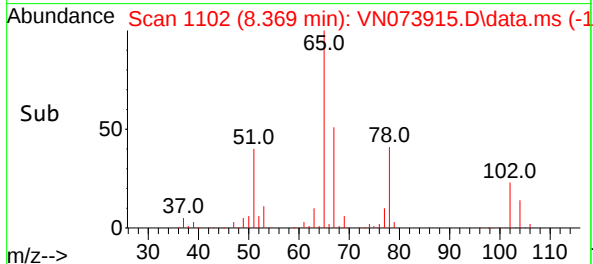
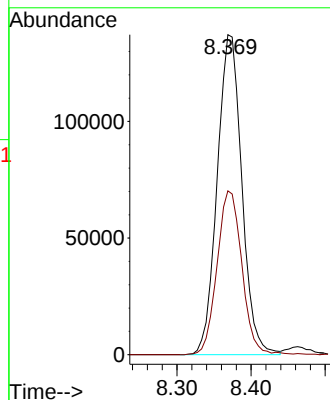
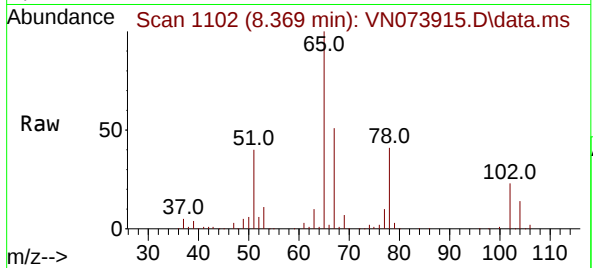
67 51.6 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

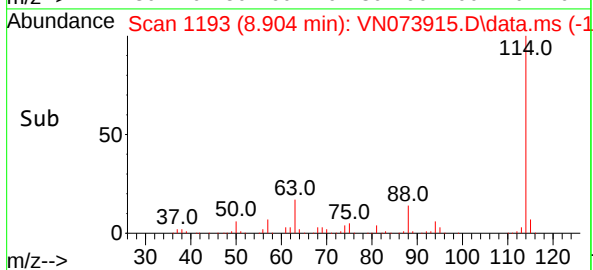
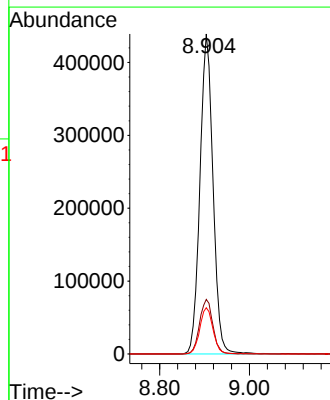
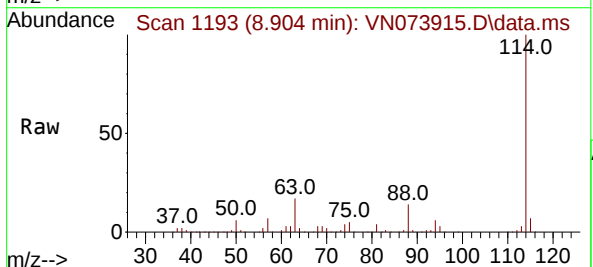
Tgt Ion:114 Resp: 886214

Ion Ratio Lower Upper

114 100

63 17.0 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.280 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion:113 Resp: 279238

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

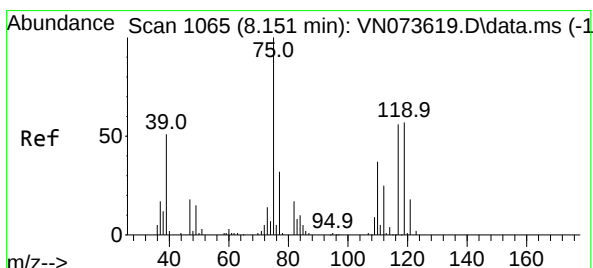
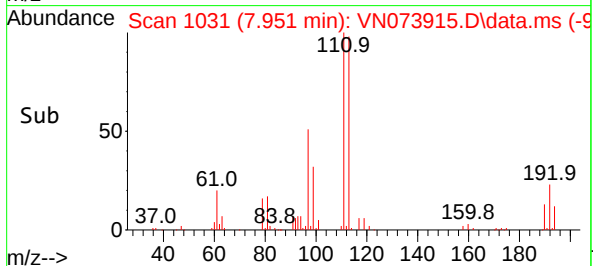
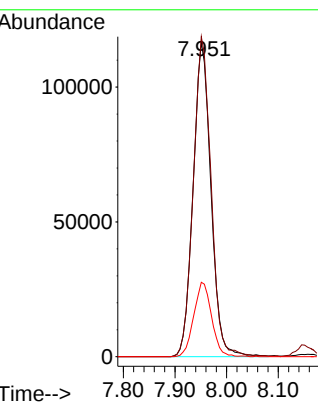
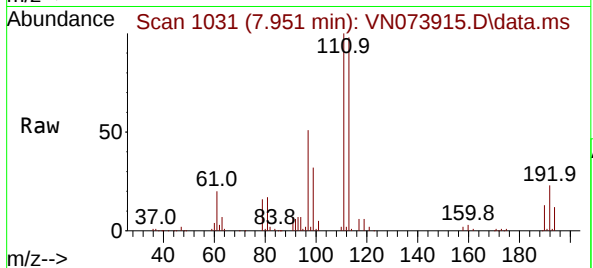
192 23.7 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#36

1,1-Dichloropropene

Concen: 17.688 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

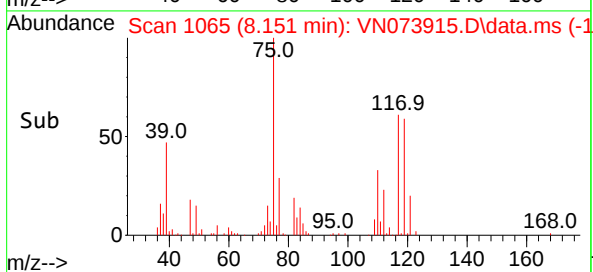
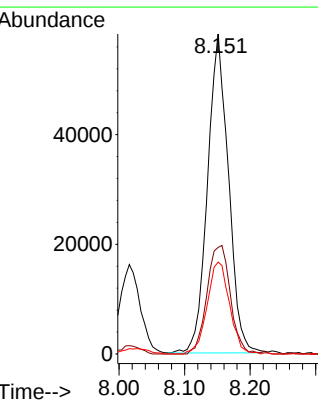
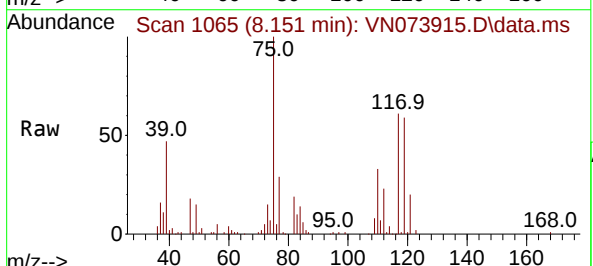
Tgt Ion: 75 Resp: 128759

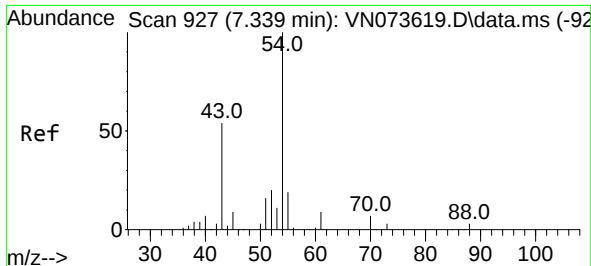
Ion Ratio Lower Upper

75 100

110 38.1 18.3 54.8

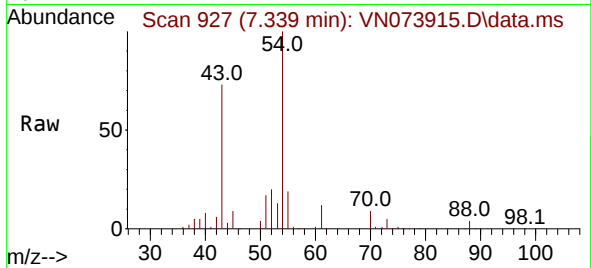
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 18.470 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

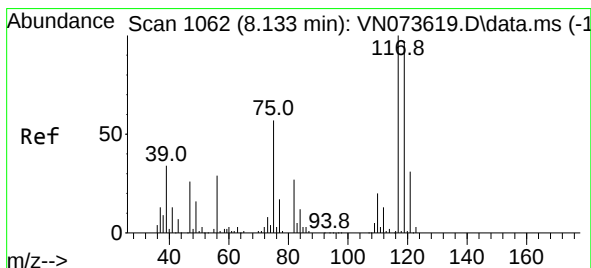
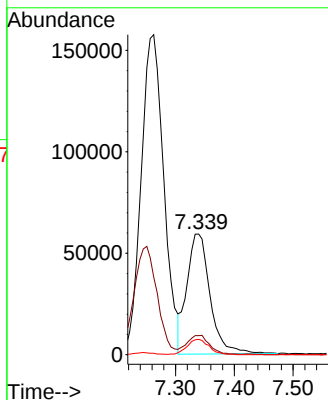
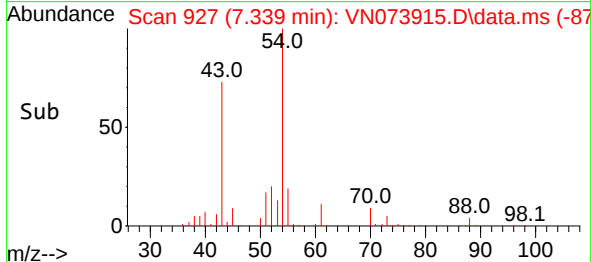
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 43 Resp: 16288
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.0 9.3 13.9

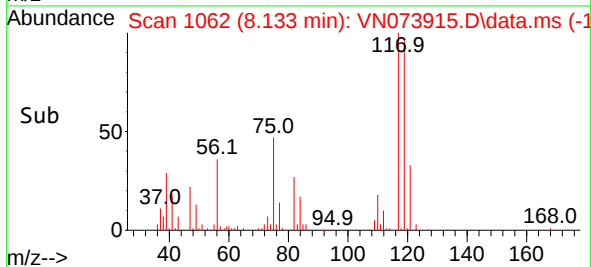
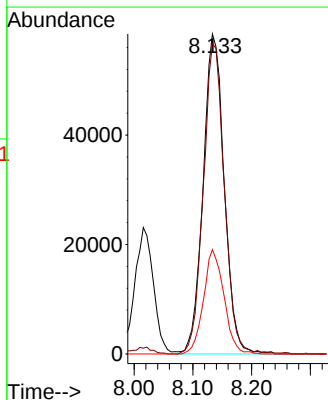
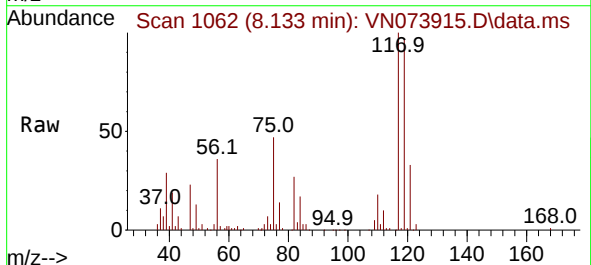
Manual Integrations
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Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 17.562 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion:117 Resp: 146132
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
121 32.6 24.6 37.0





#39

Methylcyclohexane

Concen: 17.450 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 83 Resp: 15916

Ion Ratio Lower Upper

83 100

55 63.8 57.8 86.8

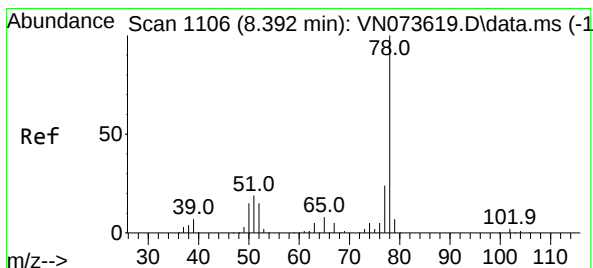
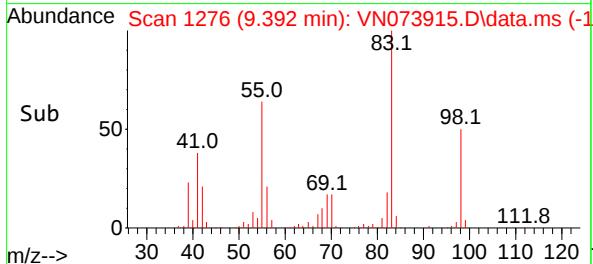
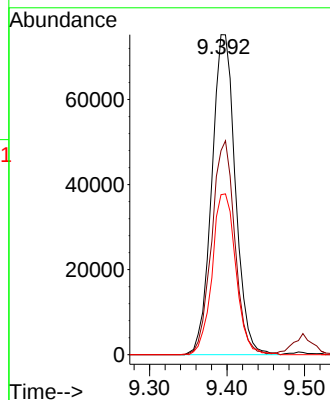
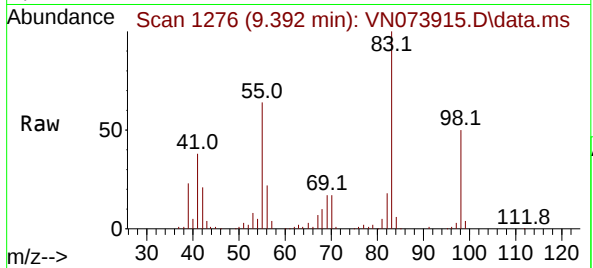
98 50.0 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 17.980 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073915.D

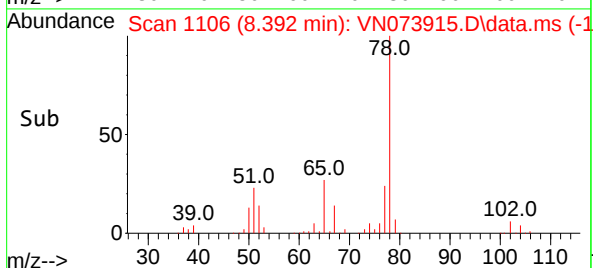
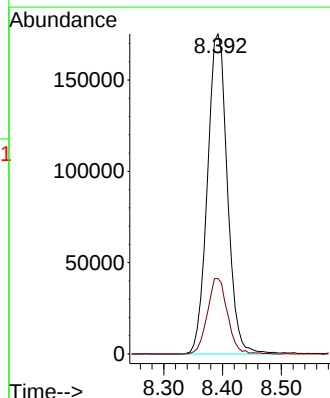
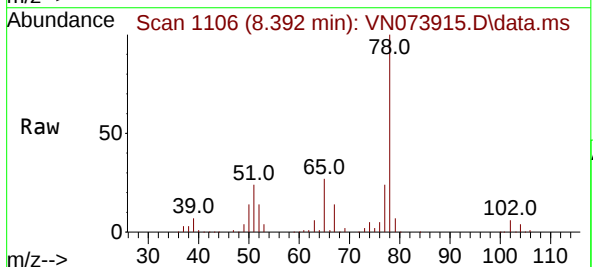
Acq: 16 Aug 2022 00:04

Tgt Ion: 78 Resp: 413098

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0





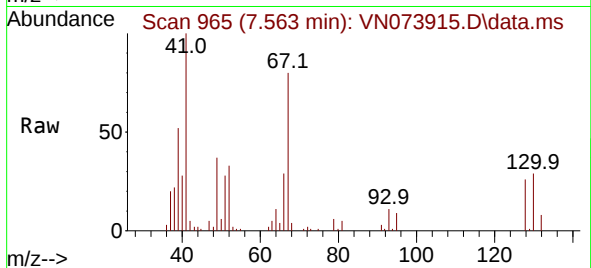
#41
Methacrylonitrile
Concen: 18.758 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

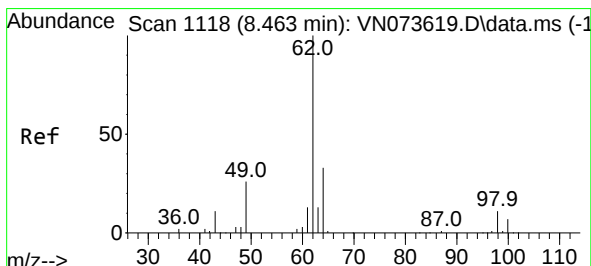
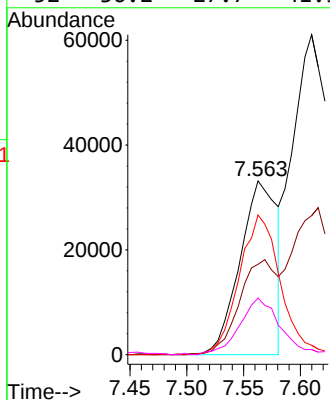
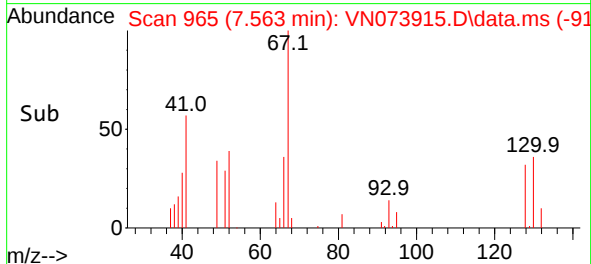


Tgt Ion: 41 Resp: 74760
Ion Ratio Lower Upper
41 100
39 55.8 48.6 73.0
67 90.5 73.4 110.2
52 36.2 27.7 41.5

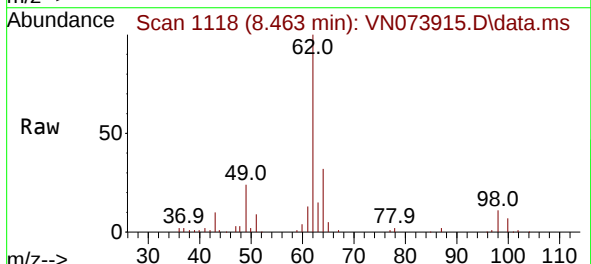
Manual Integrations

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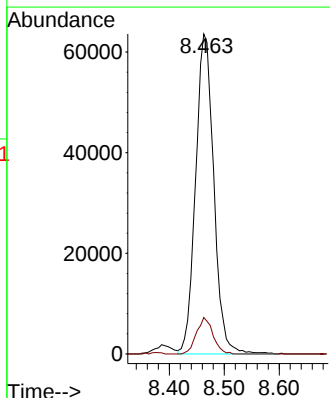
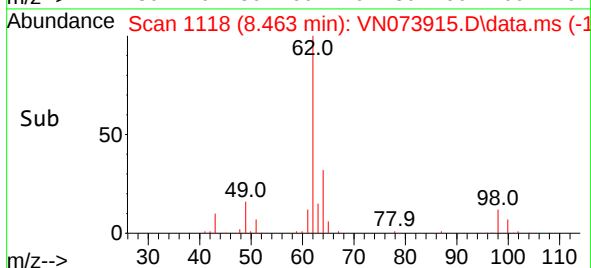
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

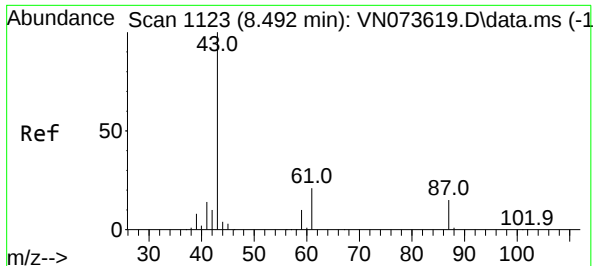


#42
1,2-Dichloroethane
Concen: 18.542 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



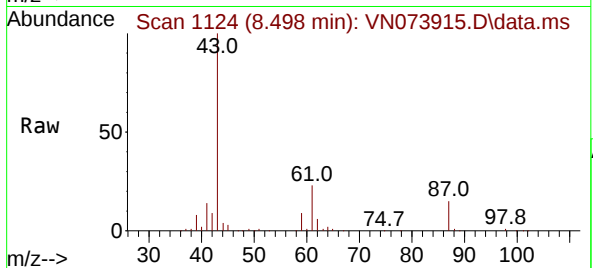
Tgt Ion: 62 Resp: 146478
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.408 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

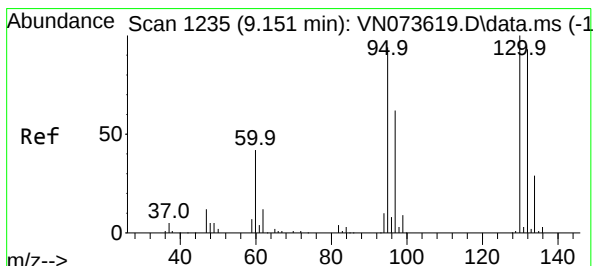
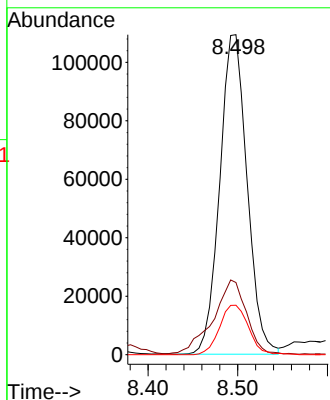
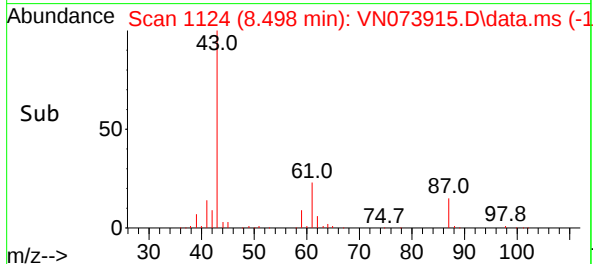
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



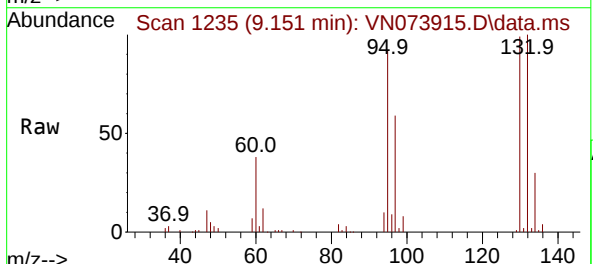
Tgt Ion: 43 Resp: 23127
Ion Ratio Lower Upper
43 100
61 28.5 21.9 32.9
87 16.4 12.0 18.0

Manual Integrations
APPROVED

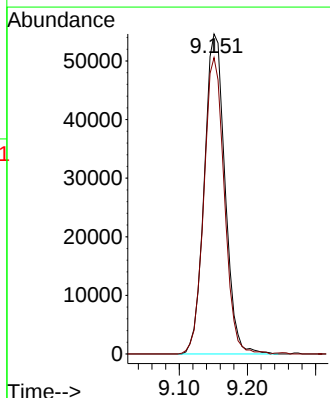
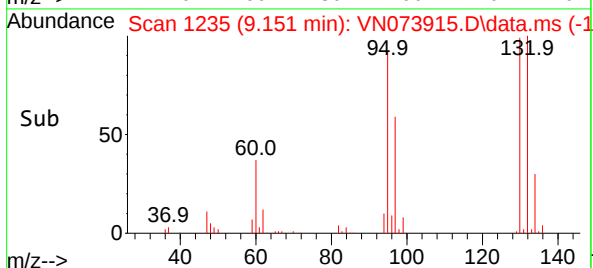
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

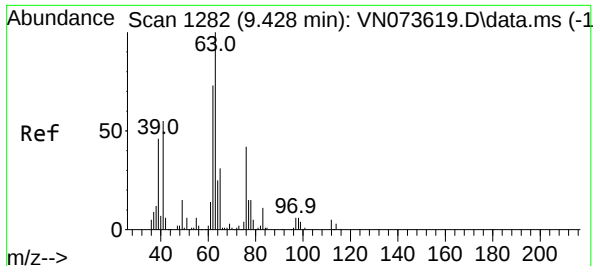


#44
Trichloroethene
Concen: 17.417 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



Tgt Ion:130 Resp: 115580
Ion Ratio Lower Upper
130 100
95 92.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.144 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 63 Resp: 99910

Ion Ratio Lower Upper

63 100

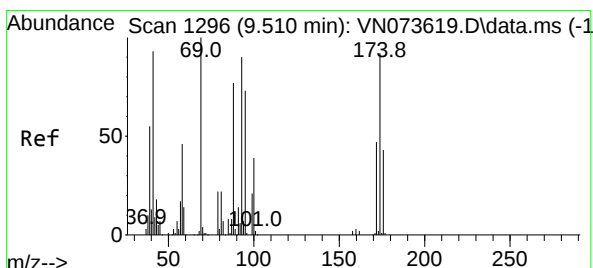
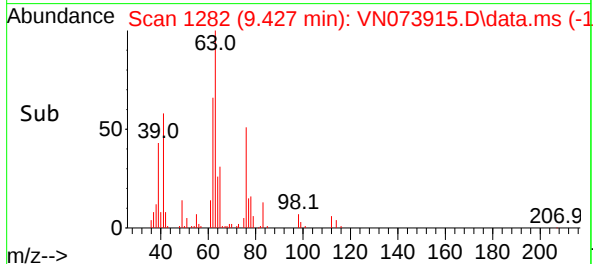
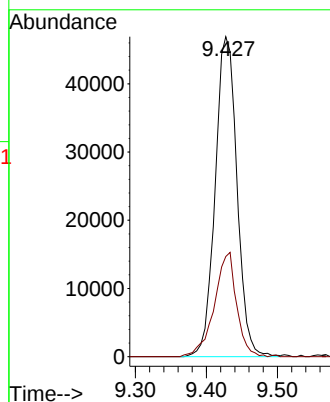
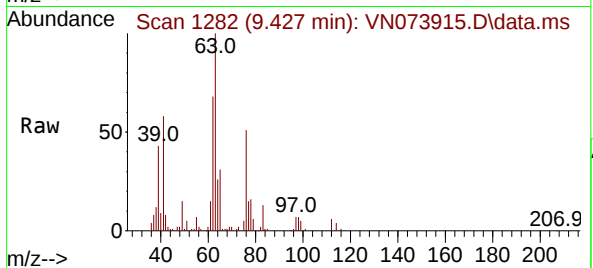
65 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 18.483 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

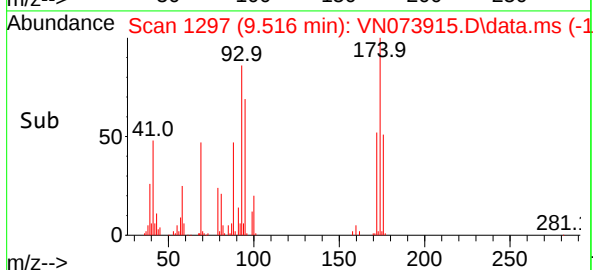
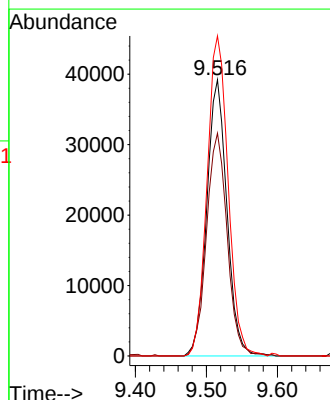
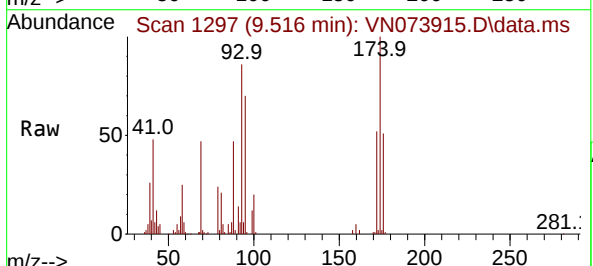
Tgt Ion: 93 Resp: 77385

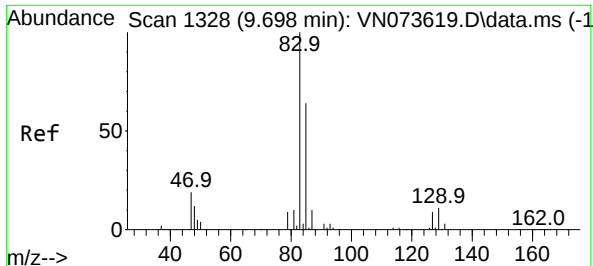
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

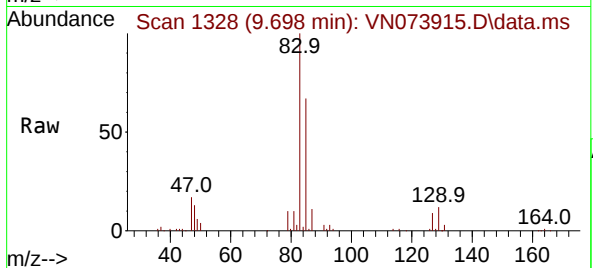
174 120.7 86.6 130.0





#47
Bromodichloromethane
Concen: 17.851 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

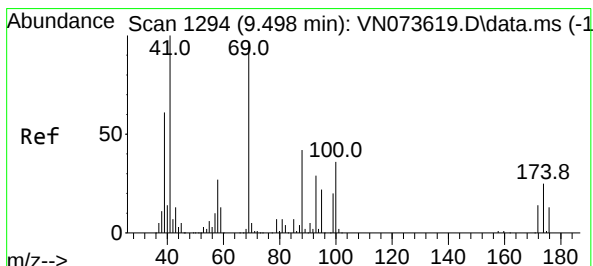
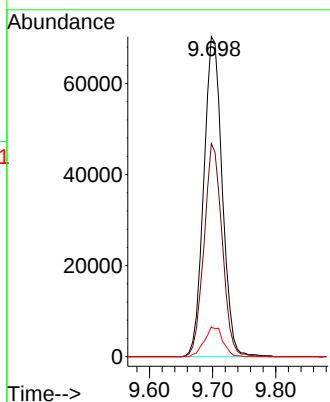
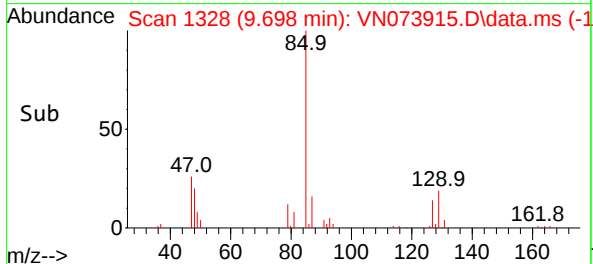
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 83 Resp: 14284
Ion Ratio Lower Upper
83 100
85 66.6 50.5 75.7
127 9.3 6.8 10.2

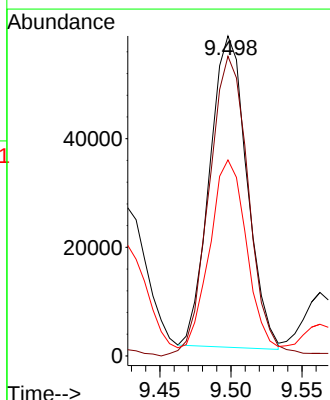
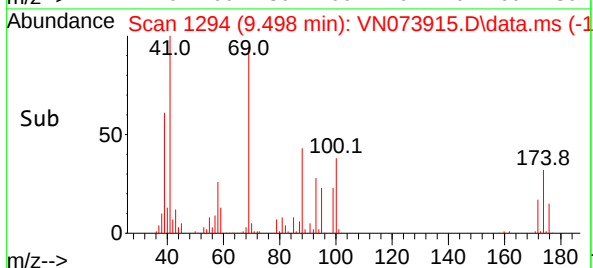
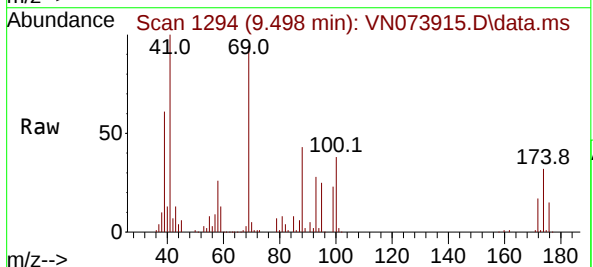
Manual Integrations
APPROVED

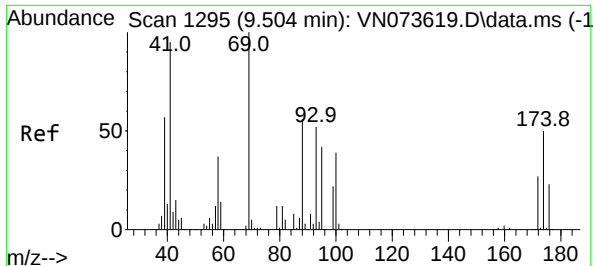
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#48
Methyl methacrylate
Concen: 19.483 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion: 41 Resp: 104734
Ion Ratio Lower Upper
41 100
69 102.8 74.7 112.1
39 64.1 45.6 68.4





#49

1,4-Dioxane

Concen: 380.949 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 88 Resp: 60900

Ion Ratio Lower Upper

88 100

43 26.9 20.2 30.4

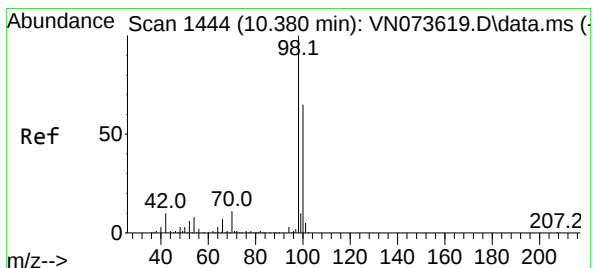
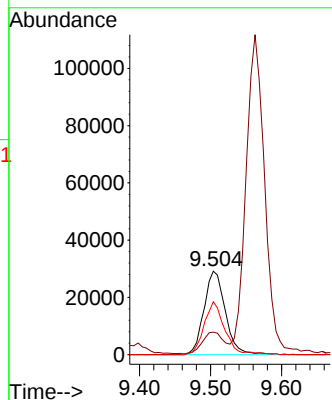
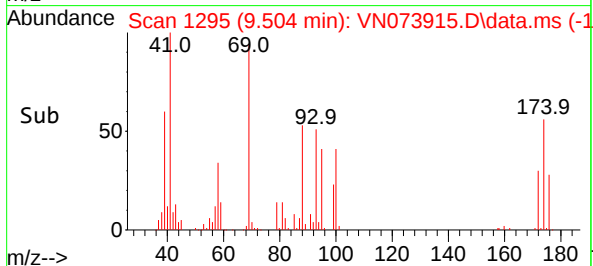
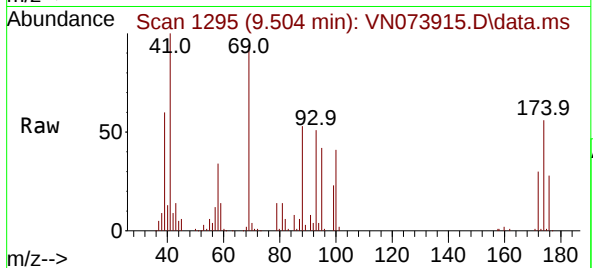
58 61.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 51.685 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073915.D

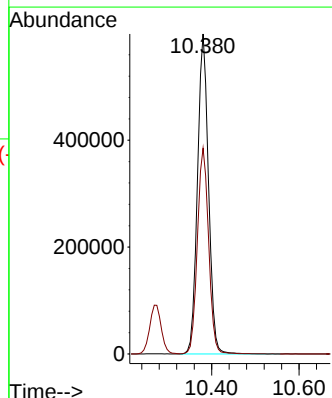
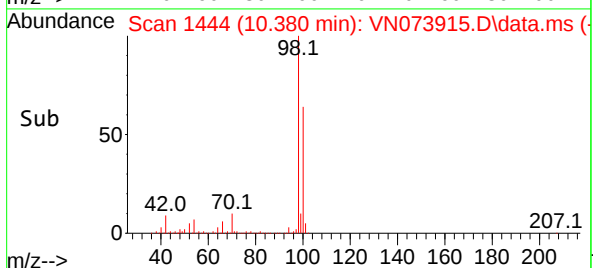
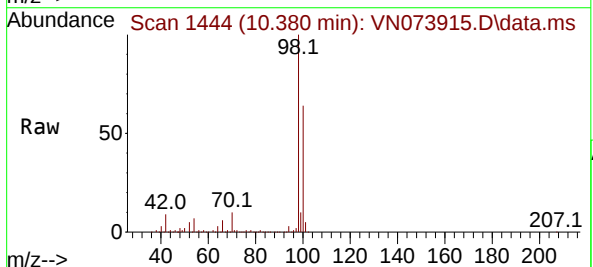
Acq: 16 Aug 2022 00:04

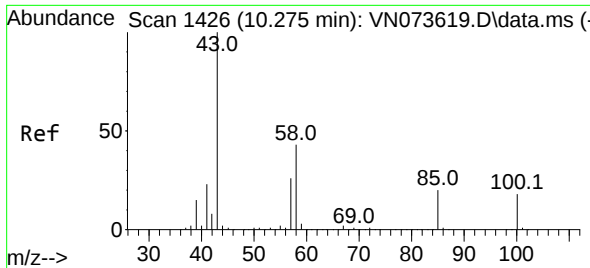
Tgt Ion: 98 Resp: 1049091

Ion Ratio Lower Upper

98 100

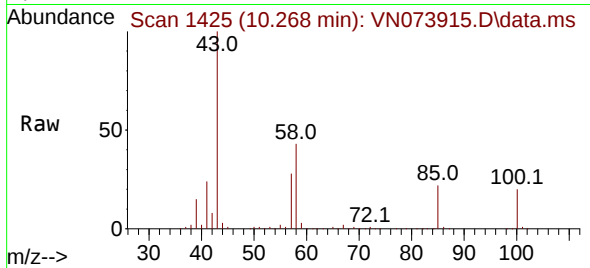
100 65.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 96.075 ug/l
RT: 10.268 min Scan# 1425
Delta R.T. -0.007 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

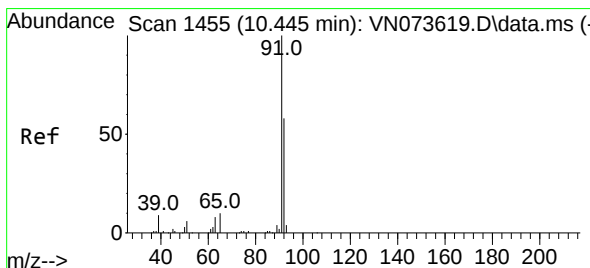
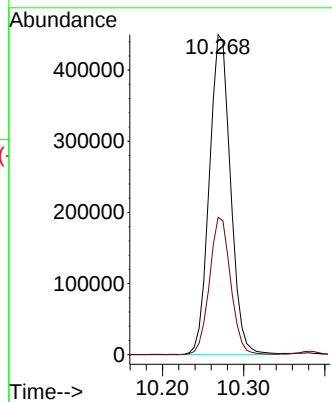
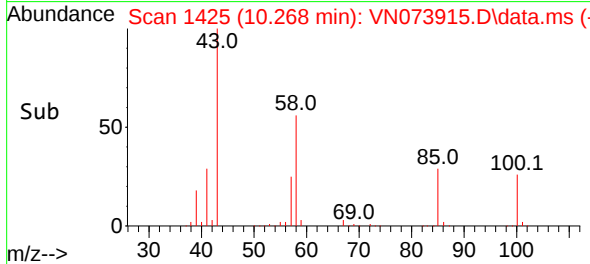
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 43 Resp: 816080
Ion Ratio Lower Upper
43 100
58 42.8 34.1 51.1

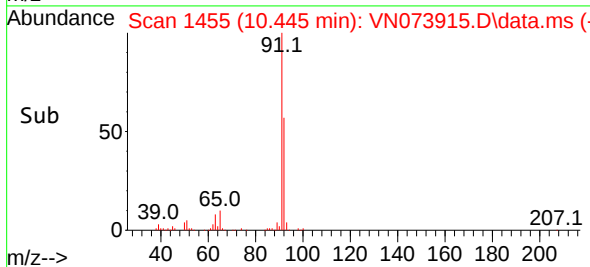
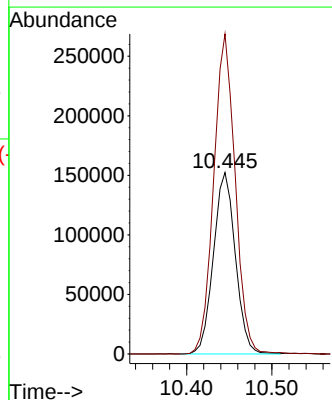
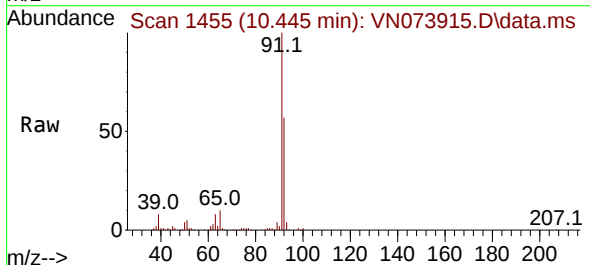
Manual Integrations
APPROVED

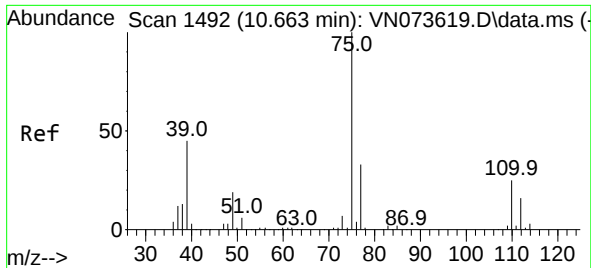
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 17.273 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

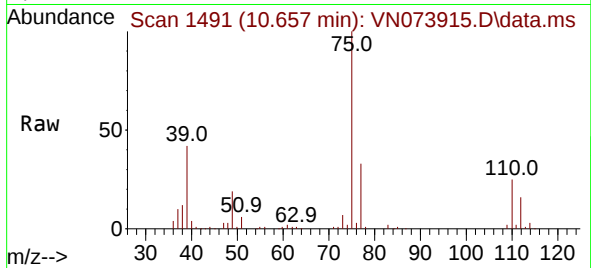
Tgt Ion: 92 Resp: 272126
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 16.993 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

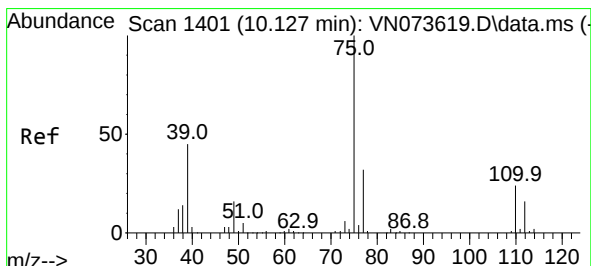
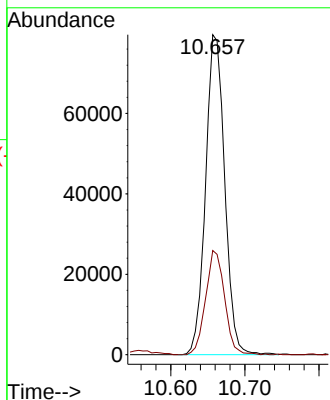
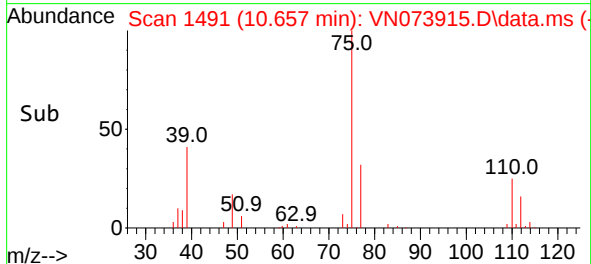
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD02



Tgt Ion: 75 Resp: 14269
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4

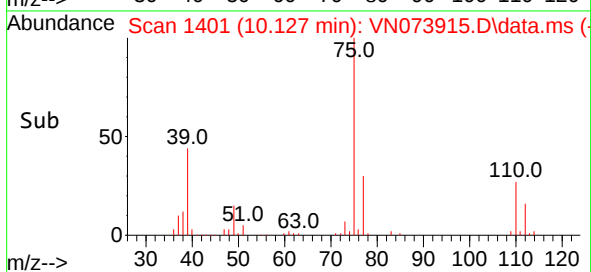
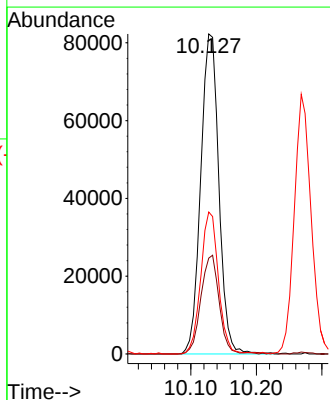
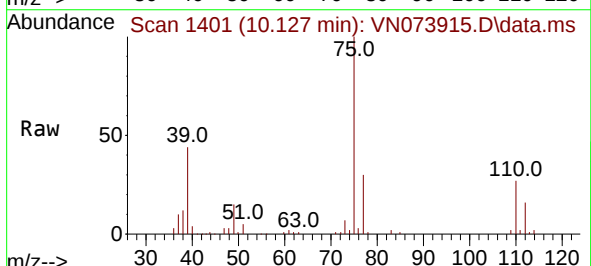
Manual Integrations
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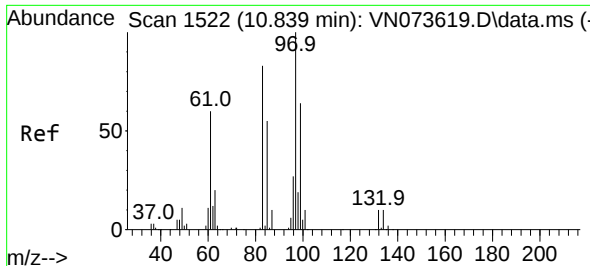
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 17.265 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

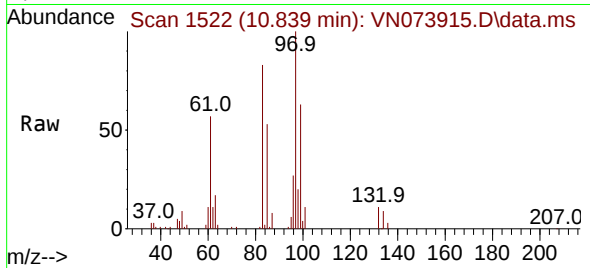
Tgt Ion: 75 Resp: 158628
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8
 39 44.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.555 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

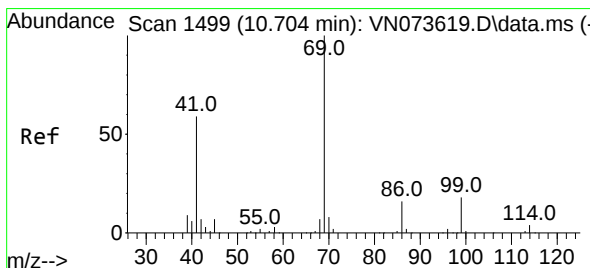
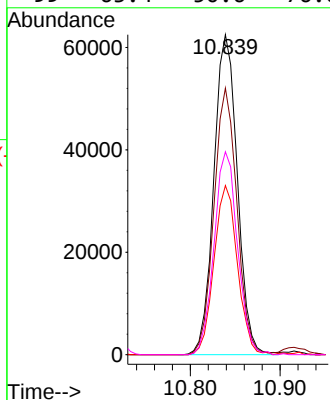
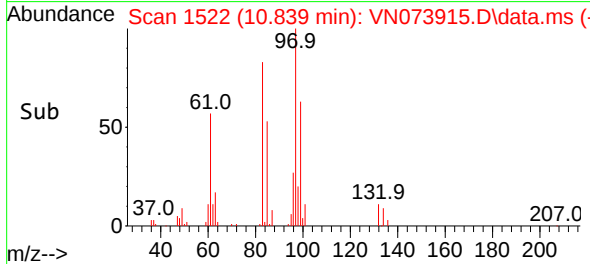
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



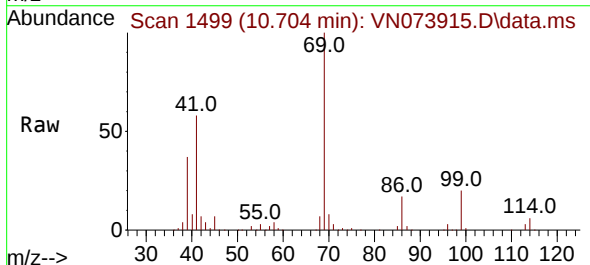
Tgt Ion:	97	Resp:	113714
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.2	99.4
85	52.8	43.9	65.9
99	63.4	50.6	76.0

Manual Integrations
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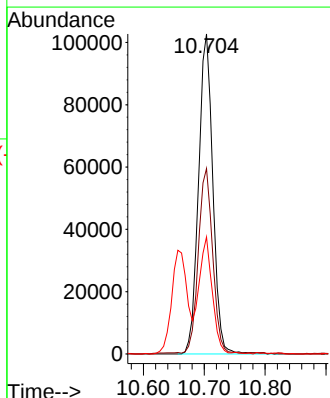
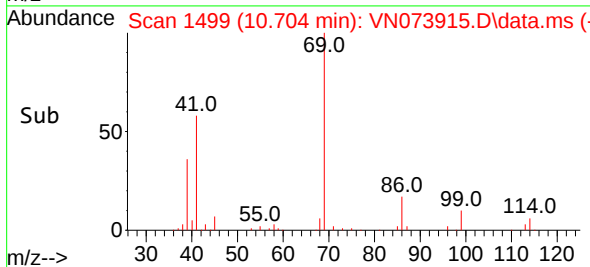
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 19.156 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



Tgt Ion:	69	Resp:	167437
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.8	71.6
39	33.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 18.559 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 76 Resp: 184924

Ion Ratio Lower Upper

76 100

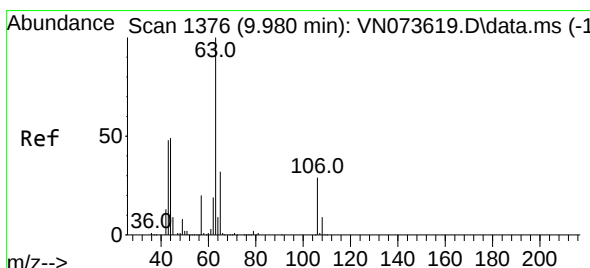
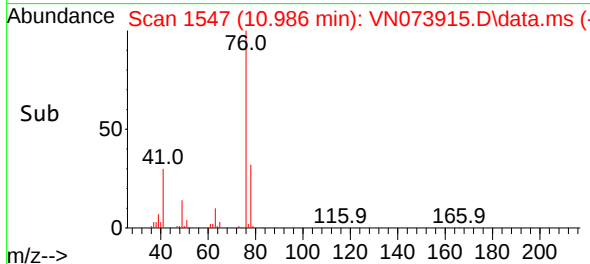
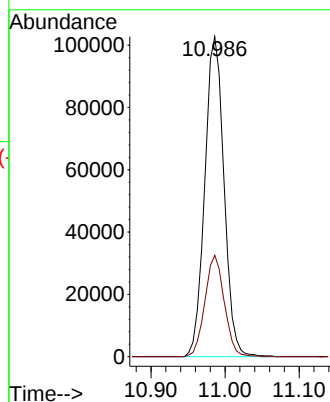
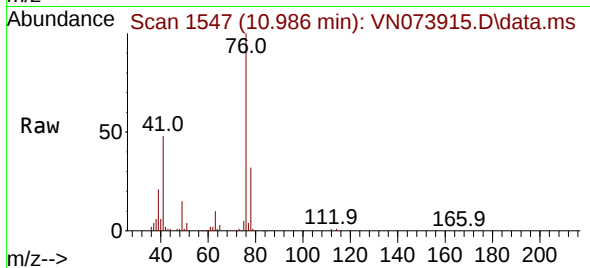
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.021 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073915.D

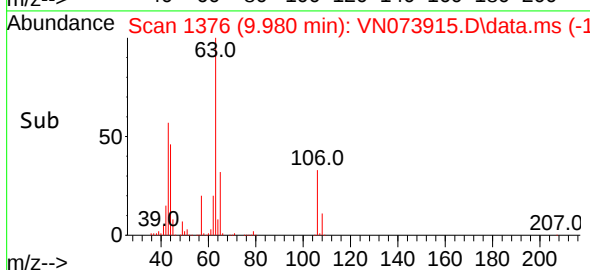
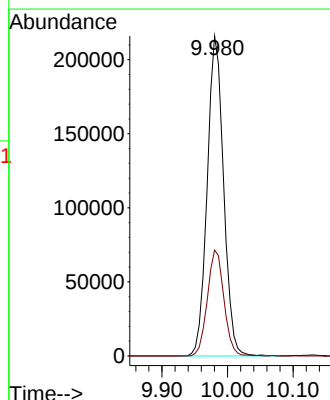
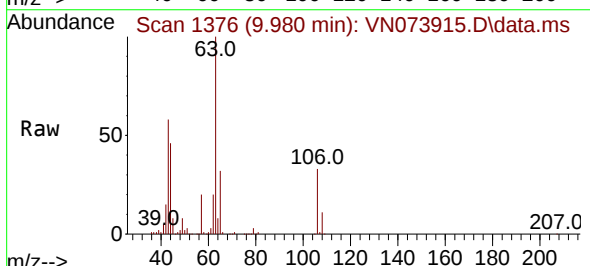
Acq: 16 Aug 2022 00:04

Tgt Ion: 63 Resp: 375394

Ion Ratio Lower Upper

63 100

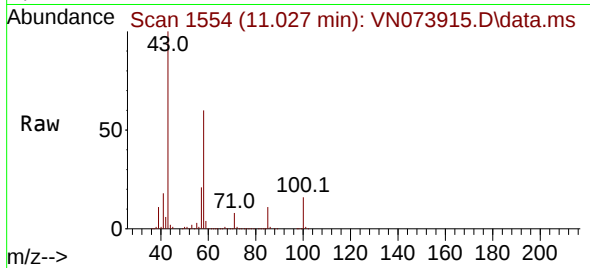
106 33.5 24.6 36.8





#59
2-Hexanone
Concen: 96.443 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

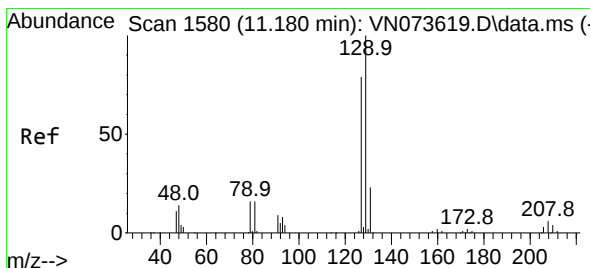
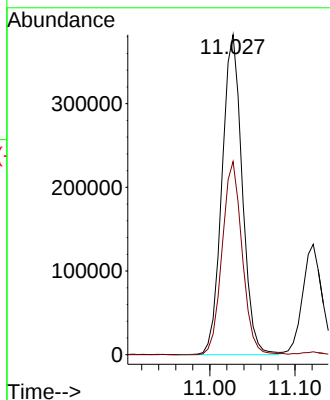
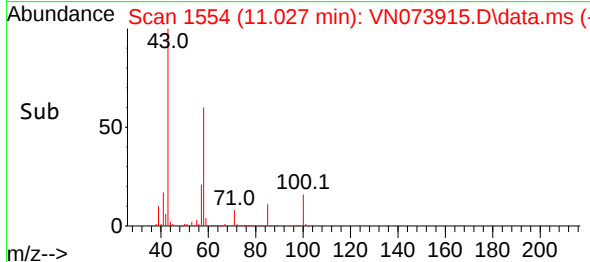
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 43 Resp: 630468
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1

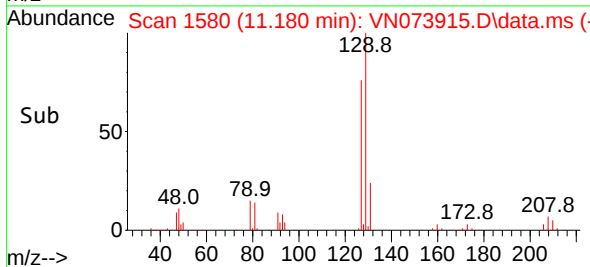
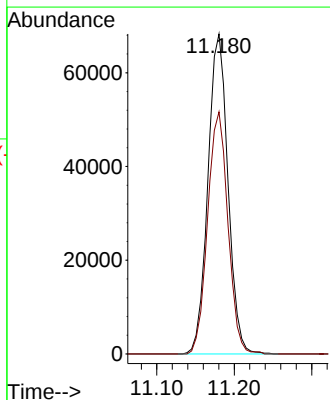
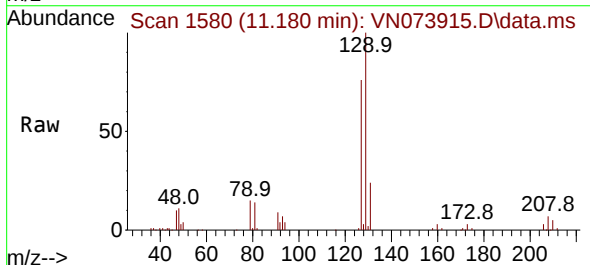
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 18.081 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

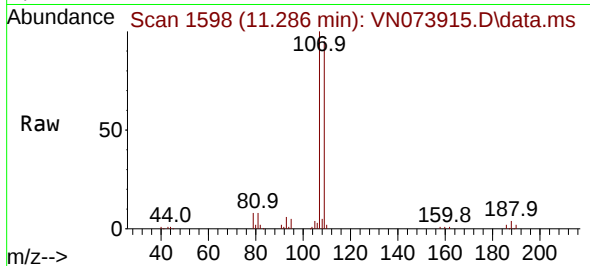
Tgt Ion:129 Resp: 122542
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.275 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

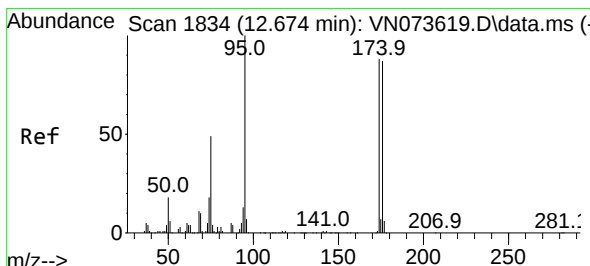
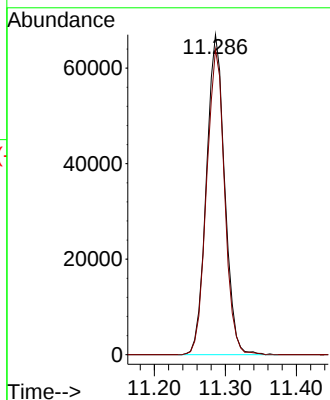
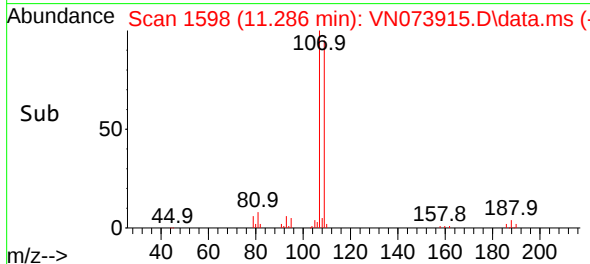
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



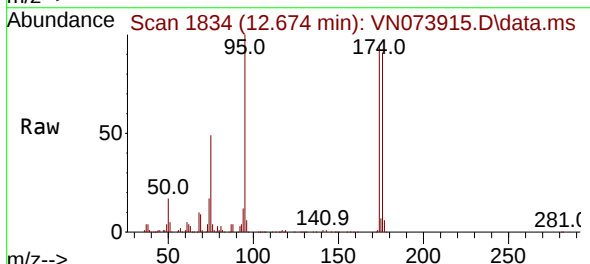
Tgt Ion:107 Resp: 119790
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

Manual Integrations
APPROVED

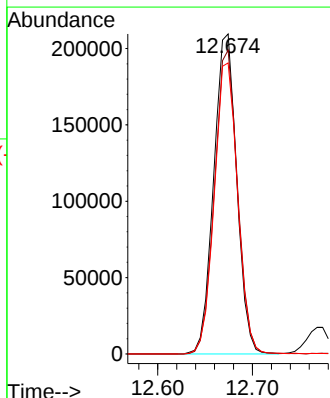
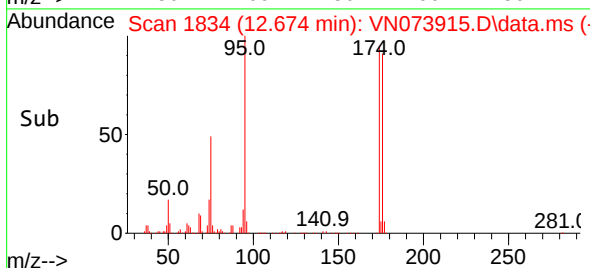
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

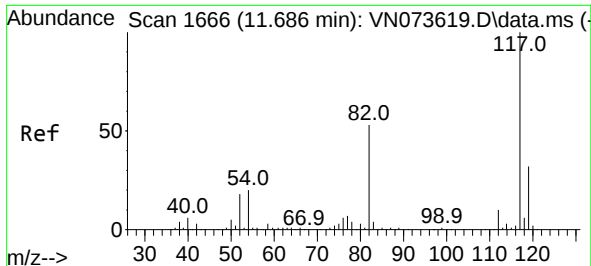


#62
4-Bromofluorobenzene
Concen: 52.387 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



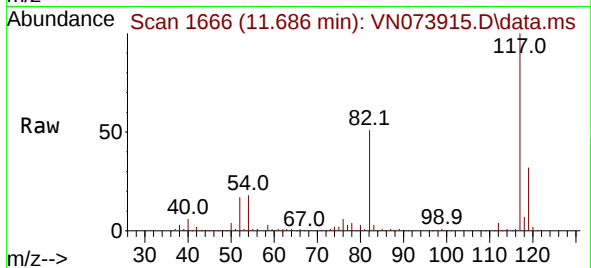
Tgt Ion: 95 Resp: 352901
Ion Ratio Lower Upper
95 100
174 95.4 0.0 167.6
176 92.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

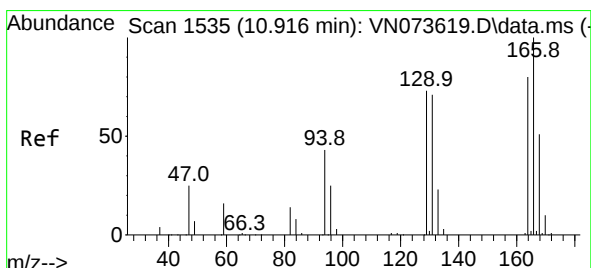
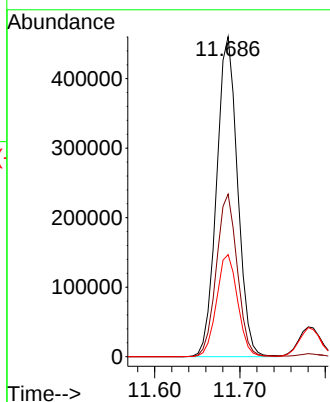
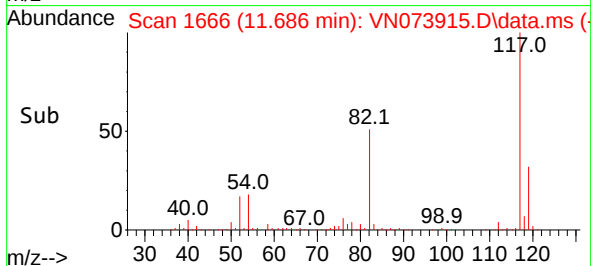
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



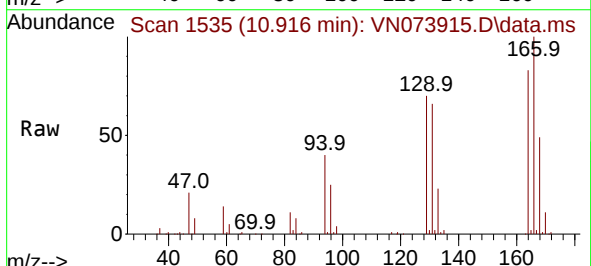
Tgt Ion:117 Resp: 788160
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

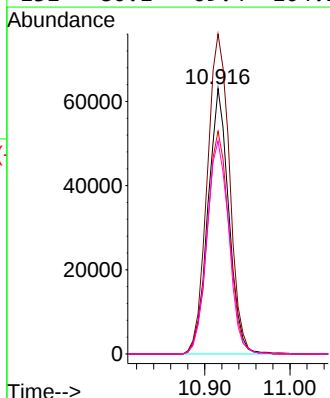
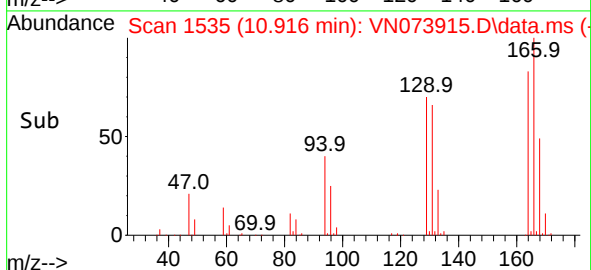
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

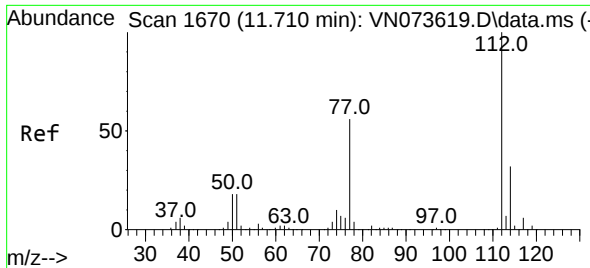


#64
Tetrachloroethene
Concen: 17.233 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



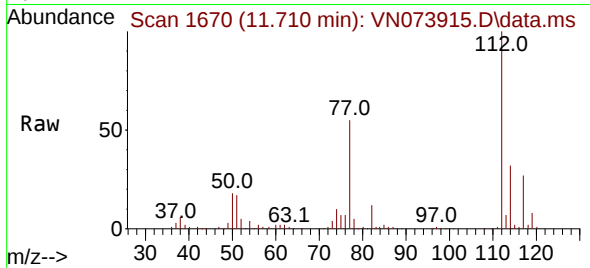
Tgt Ion:164 Resp: 107206
Ion Ratio Lower Upper
164 100
166 120.5 104.2 156.2
129 83.9 73.9 110.9
131 80.1 69.4 104.2





#65
Chlorobenzene
Concen: 17.974 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

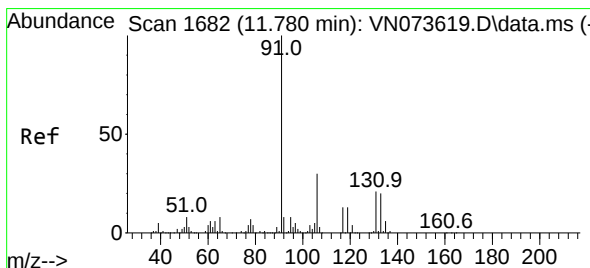
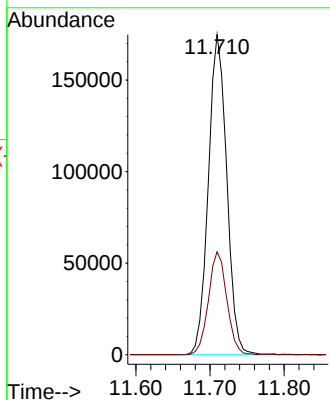
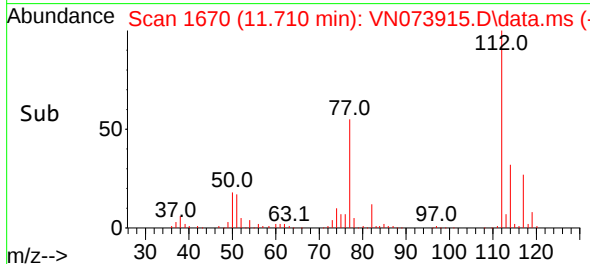
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



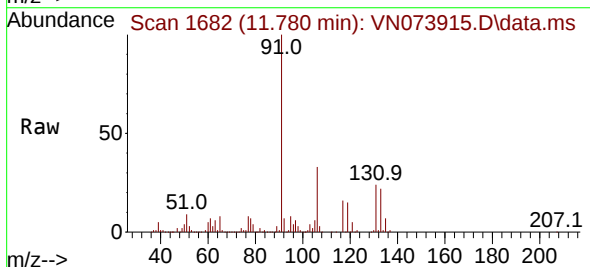
Tgt Ion:112 Resp: 301074
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

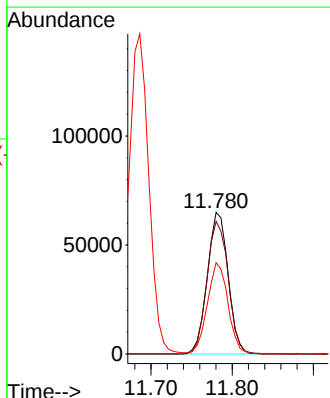
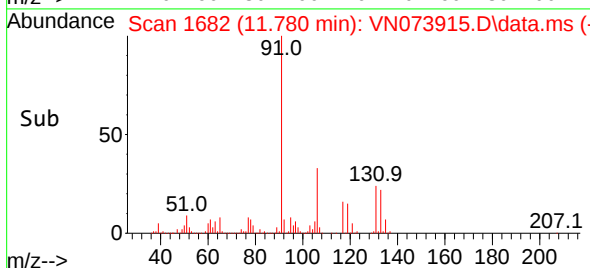
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

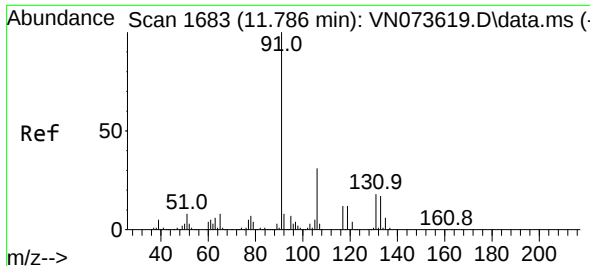


#66
1,1,1,2-Tetrachloroethane
Concen: 18.281 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



Tgt Ion:131 Resp: 115955
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 63.5 33.4 100.2





#67

Ethyl Benzene

Concen: 18.143 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

Tgt Ion: 91 Resp: 50540

Ion Ratio Lower Upper

91 100

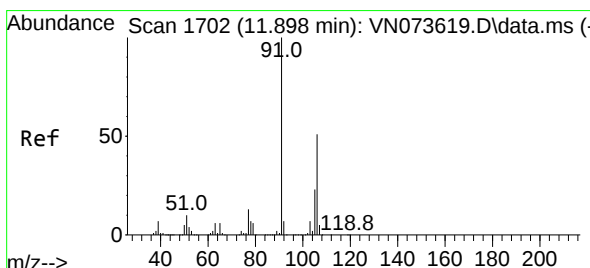
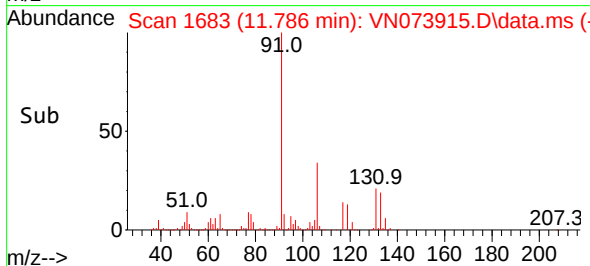
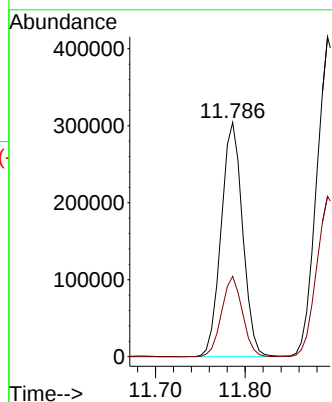
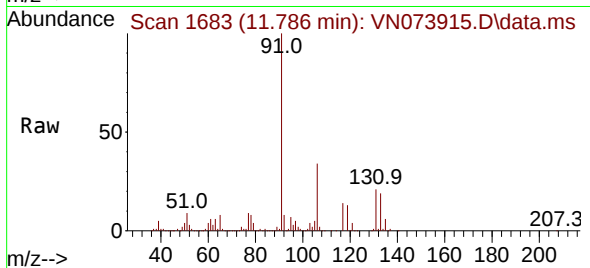
106 34.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#68

m/p-Xylenes

Concen: 35.487 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN073915.D

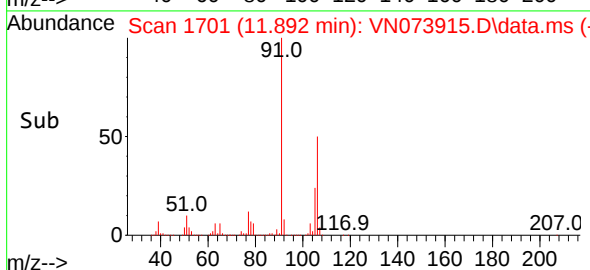
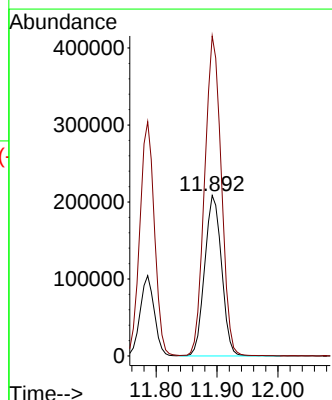
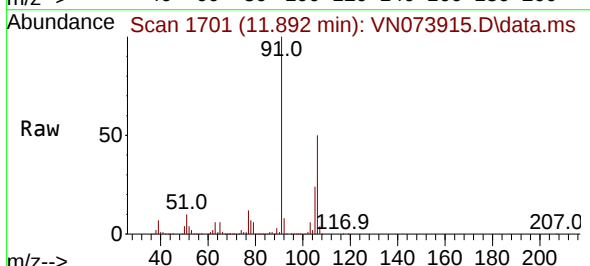
Acq: 16 Aug 2022 00:04

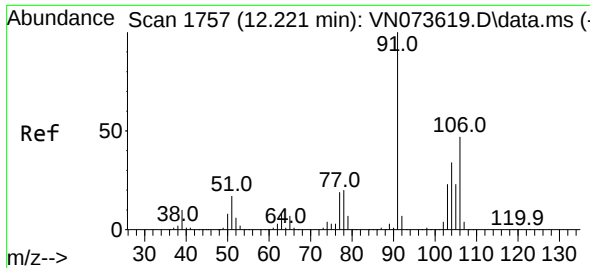
Tgt Ion:106 Resp: 401662

Ion Ratio Lower Upper

106 100

91 195.9 158.9 238.3





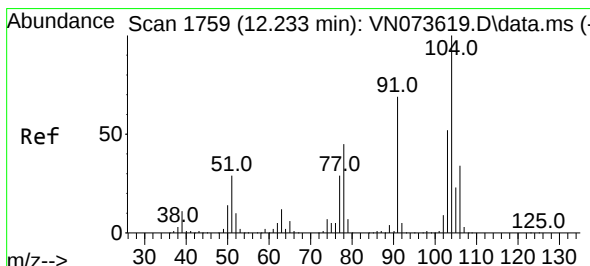
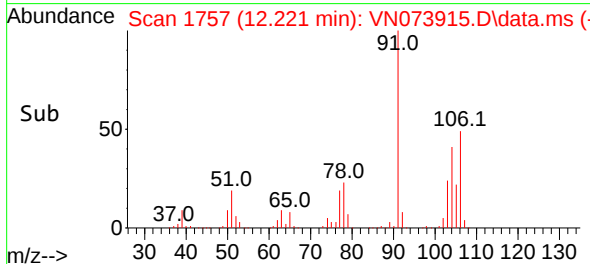
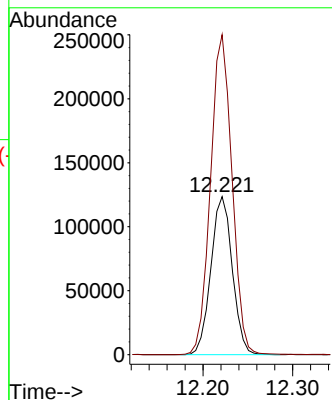
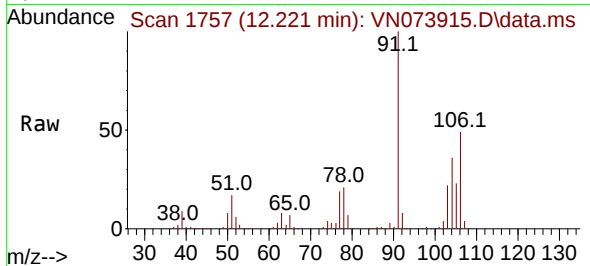
#69
o-Xylene
Concen: 18.029 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02

Tgt Ion:106 Resp: 204632
Ion Ratio Lower Upper
106 100
91 203.5 106.0 318.0

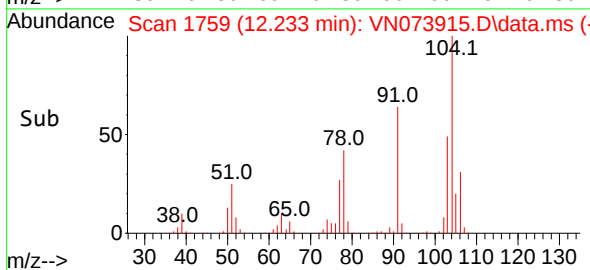
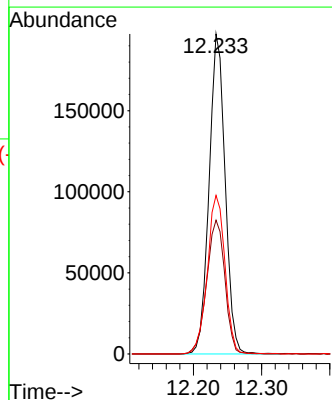
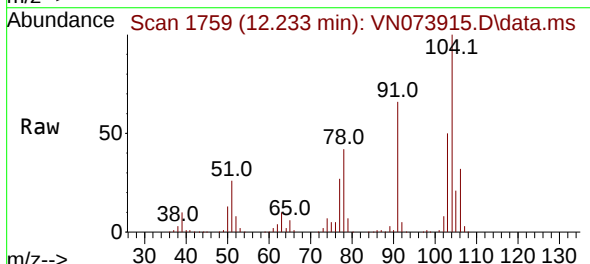
Manual Integrations
APPROVED

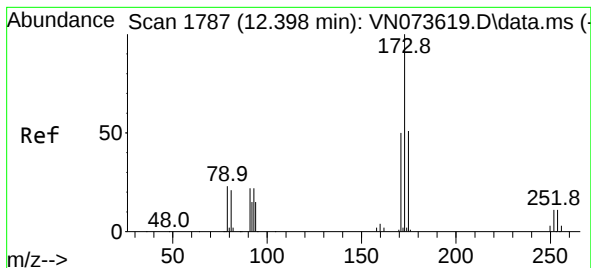
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 18.204 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

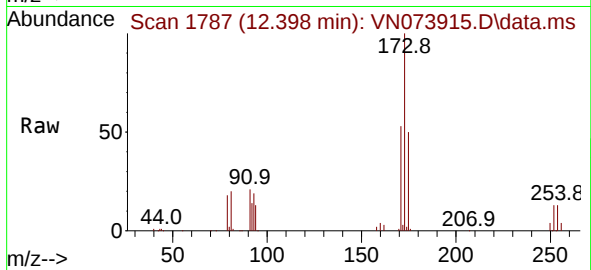
Tgt Ion:104 Resp: 323473
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 17.109 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

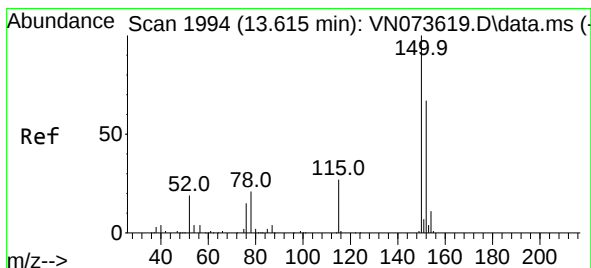
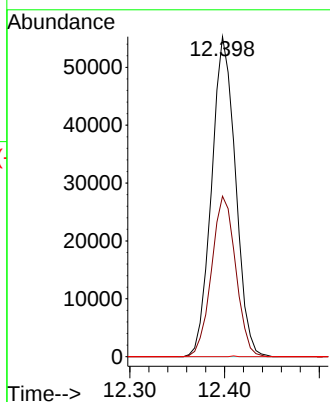
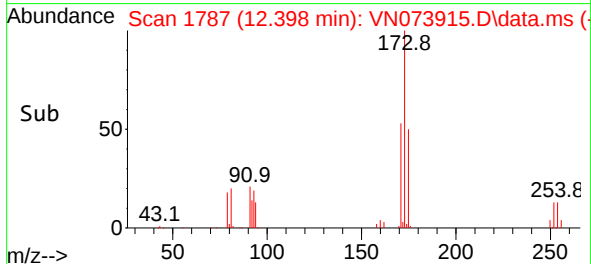
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion:173 Resp: 96890
Ion Ratio Lower Upper
173 100
175 50.7 24.6 73.6
254 0.1 0.1 0.1

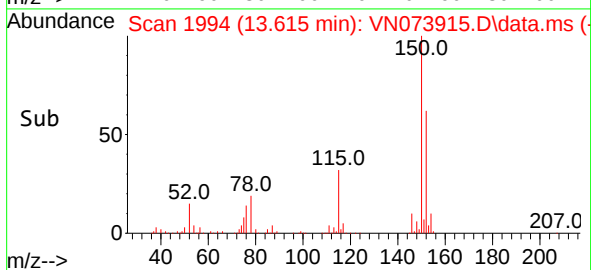
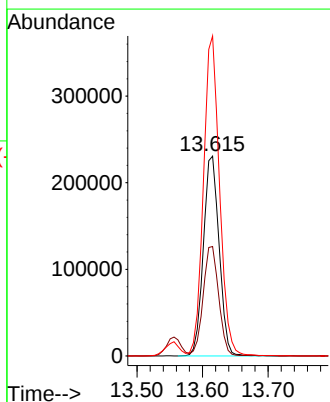
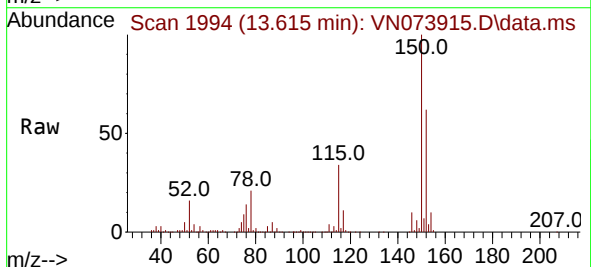
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

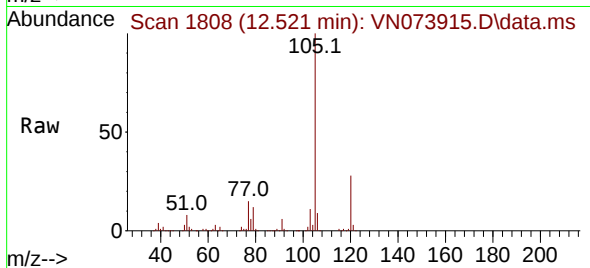
Tgt Ion:152 Resp: 386302
Ion Ratio Lower Upper
152 100
115 54.3 28.9 86.7
150 163.6 0.0 356.2





#73
Isopropylbenzene
Concen: 18.402 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

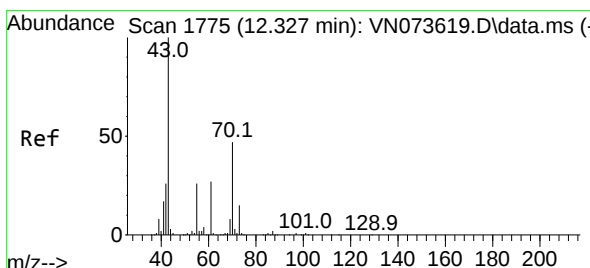
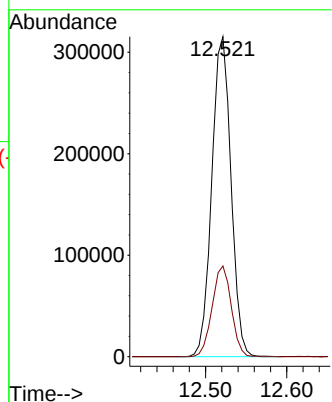
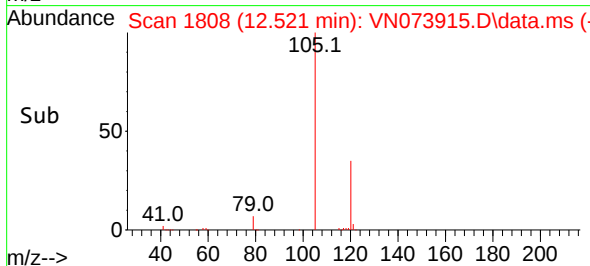
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion:105 Resp: 517639
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4

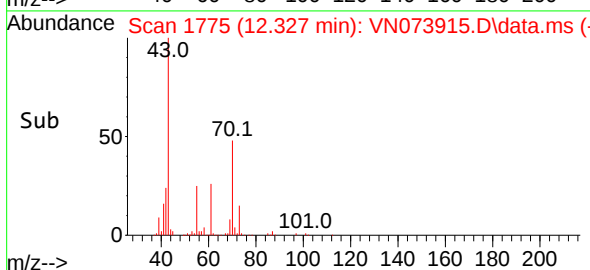
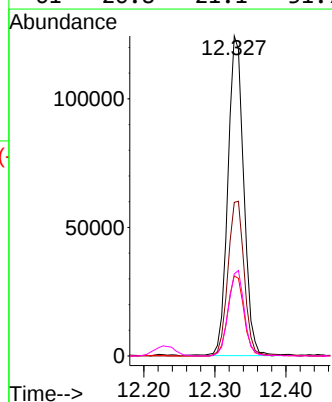
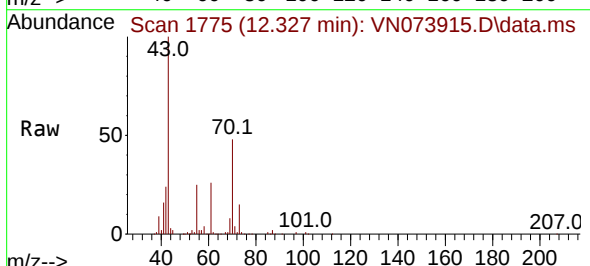
Manual Integrations
APPROVED

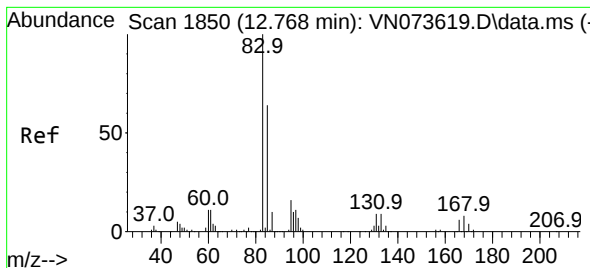
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 18.080 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

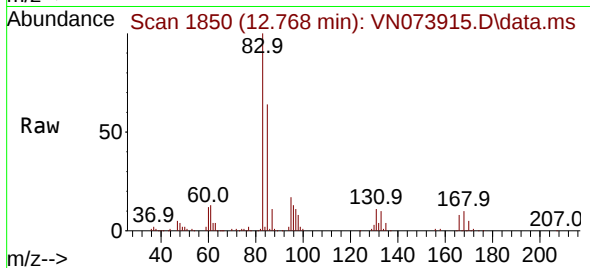
Tgt Ion: 43 Resp: 192262
Ion Ratio Lower Upper
43 100
70 49.5 39.0 58.4
55 25.9 21.1 31.7
61 26.8 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.447 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

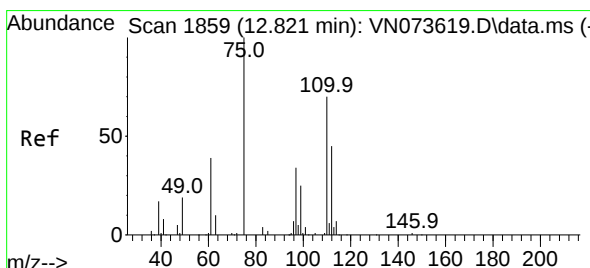
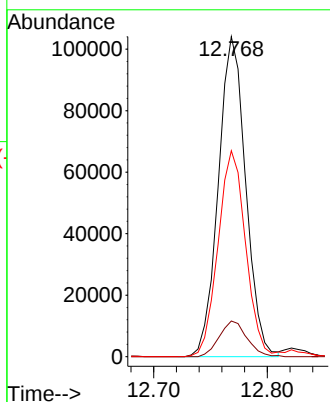
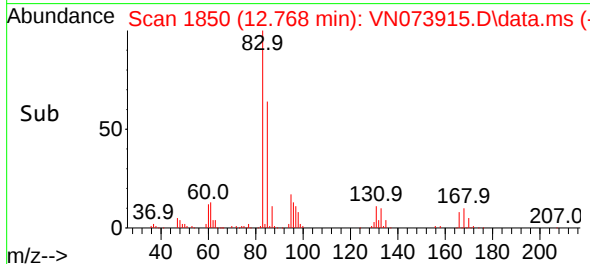
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD02



Tgt Ion: 83 Resp: 174125
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 15.9
 85 65.2 32.3 96.9

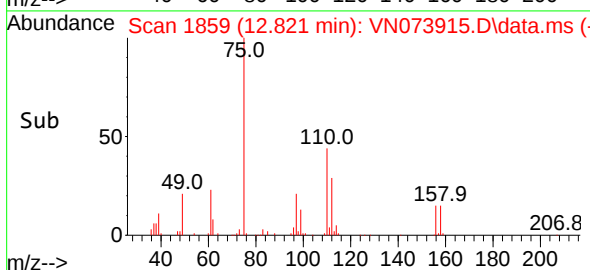
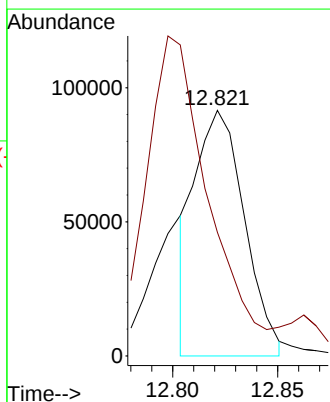
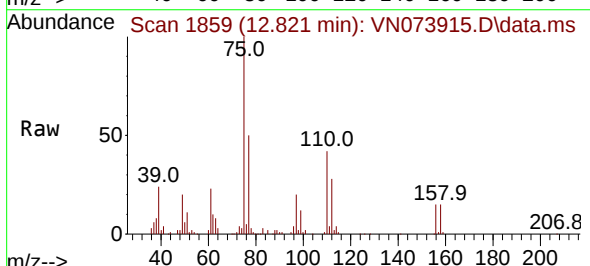
Manual Integrations
 APPROVED

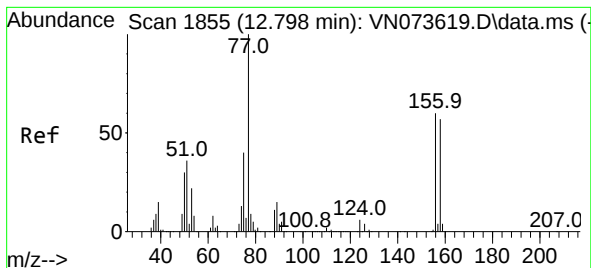
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#76
 1,2,3-Trichloropropane
 Concen: 18.748 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

Tgt Ion: 75 Resp: 150533
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 18.029 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBSD02

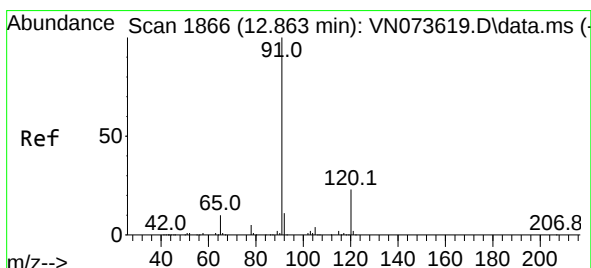
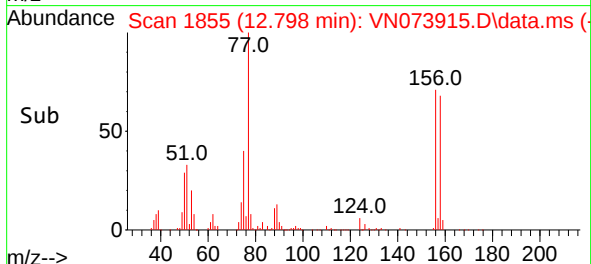
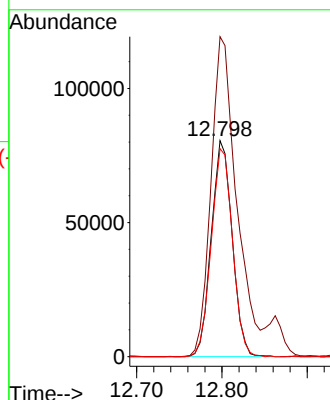
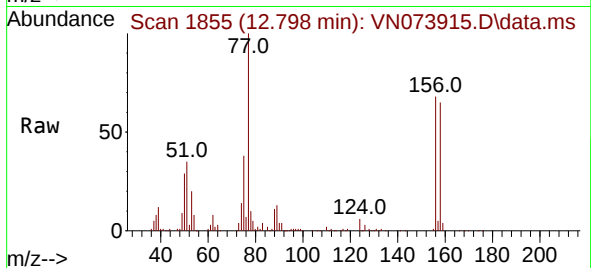
Tgt Ion:	156	Resp:	137269
Ion Ratio	Lower	Upper	
156	100		
77	180.3	100.5	301.5
158	97.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#78

n-propylbenzene

Concen: 18.165 ug/l

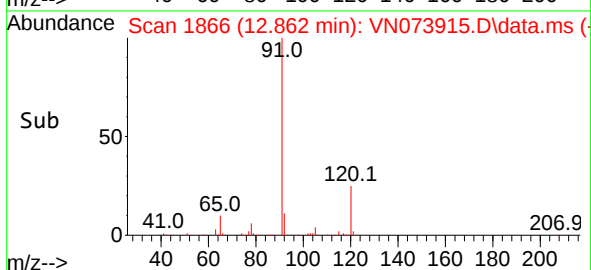
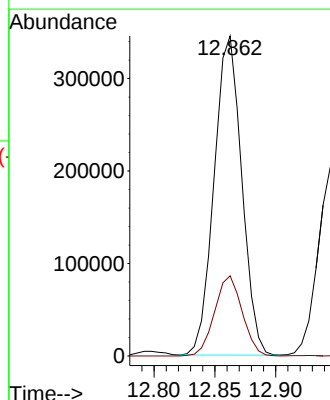
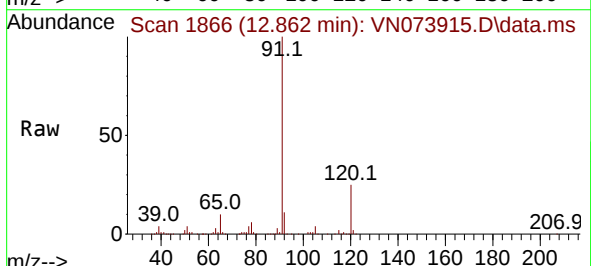
RT: 12.862 min Scan# 1866

Delta R.T. -0.001 min

Lab File: VN073915.D

Acq: 16 Aug 2022 00:04

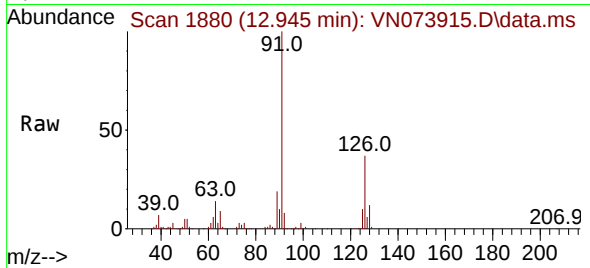
Tgt Ion:	91	Resp:	544669
Ion Ratio	Lower	Upper	
91	100		
120	25.1	11.9	35.5





#79
2-Chlorotoluene
Concen: 18.577 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

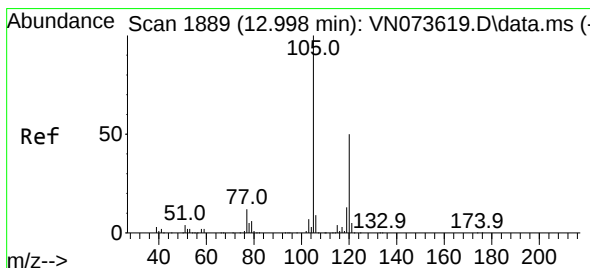
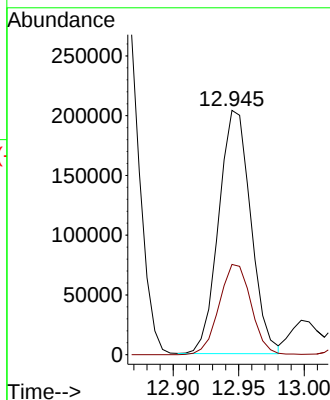
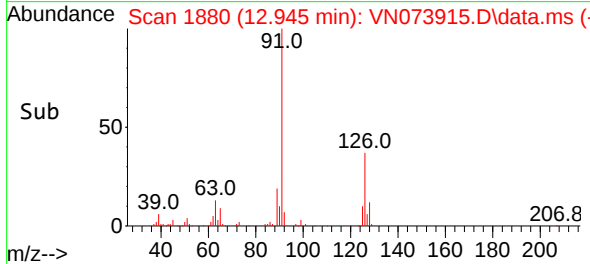
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 91 Resp: 347130
Ion Ratio Lower Upper
91 100
126 36.9 17.3 51.9

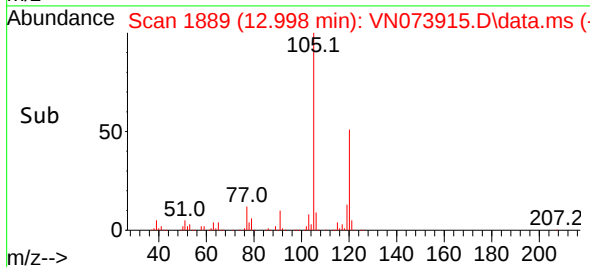
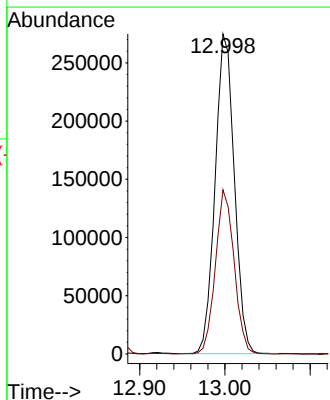
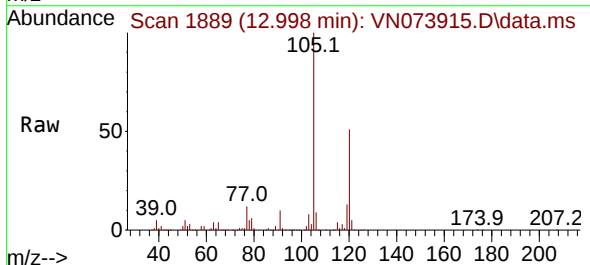
Manual Integrations
APPROVED

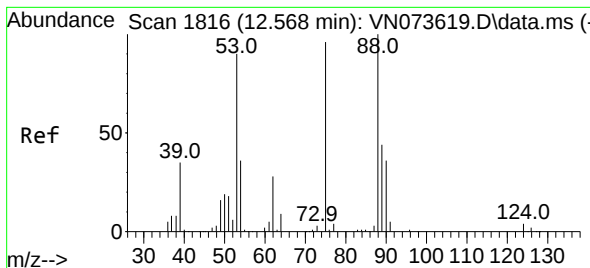
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.793 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

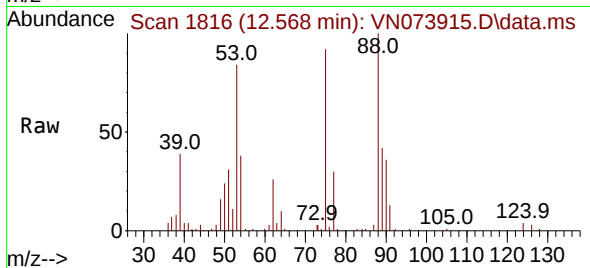
Tgt Ion:105 Resp: 429977
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.610 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

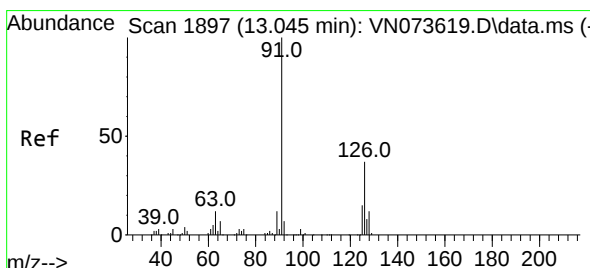
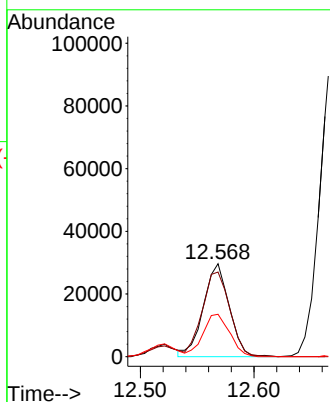
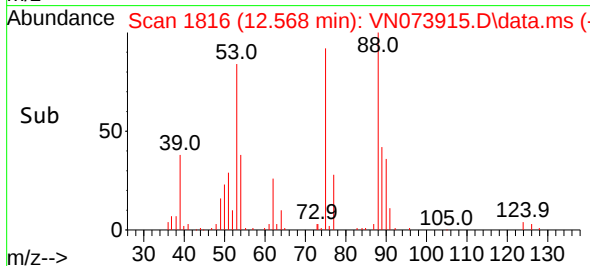
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion: 75 Resp: 46892
Ion Ratio Lower Upper
75 100
53 97.4 78.0 117.0
89 47.0 37.2 55.8

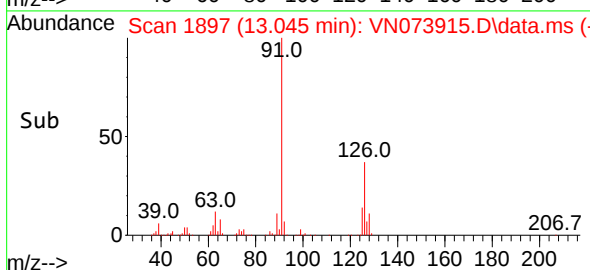
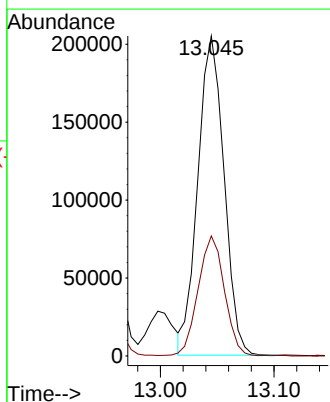
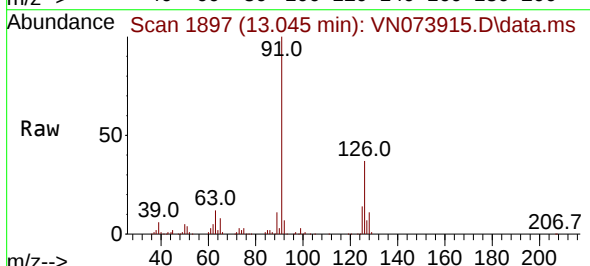
Manual Integrations
APPROVED

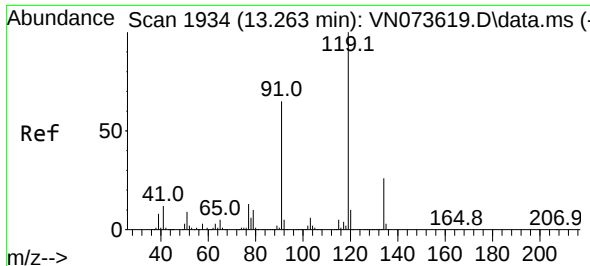
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 18.483 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

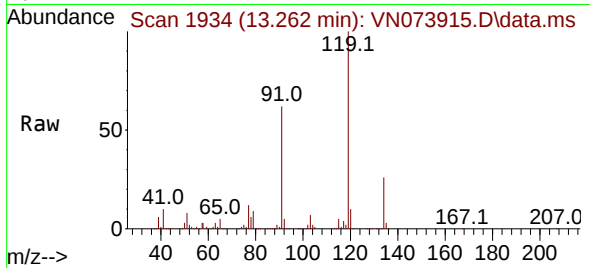
Tgt Ion: 91 Resp: 328016
Ion Ratio Lower Upper
91 100
126 37.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.729 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

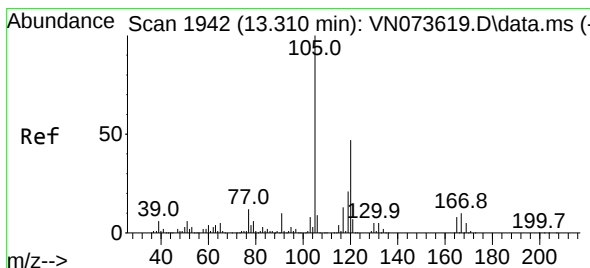
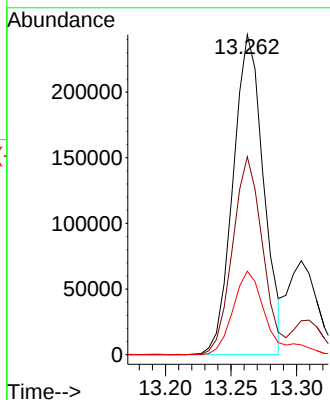
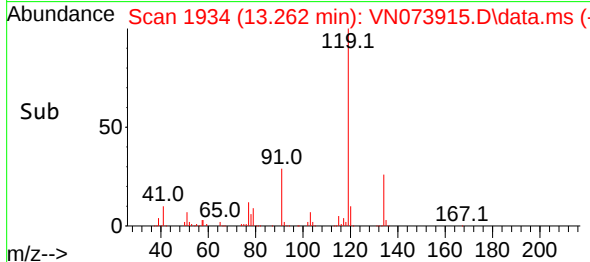
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



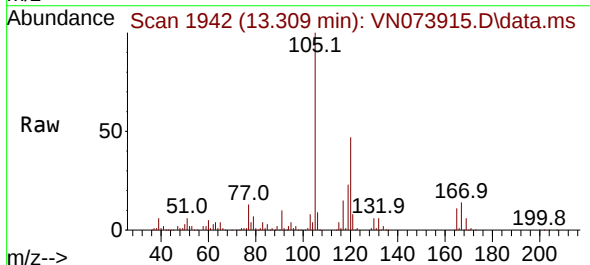
Tgt Ion:119 Resp: 394324
Ion Ratio Lower Upper
119 100
91 61.4 31.6 94.8
134 28.7 13.7 41.1

Manual Integrations
APPROVED

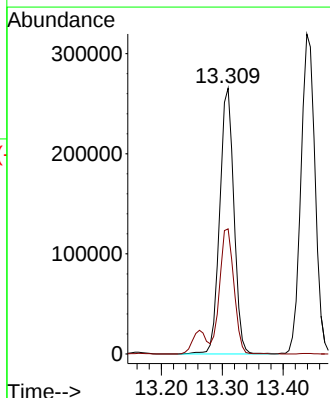
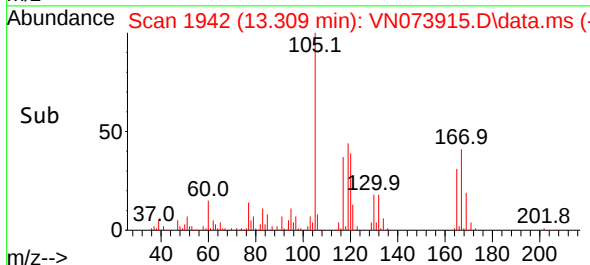
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

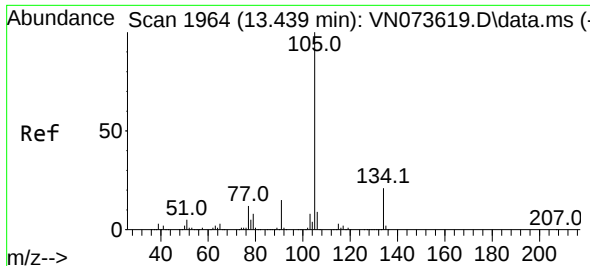


#84
1,2,4-Trimethylbenzene
Concen: 18.779 ug/l
RT: 13.309 min Scan# 1942
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



Tgt Ion:105 Resp: 429074
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 18.864 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

Instrument :

MSVOA_N

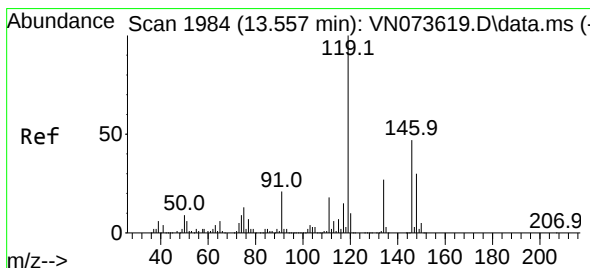
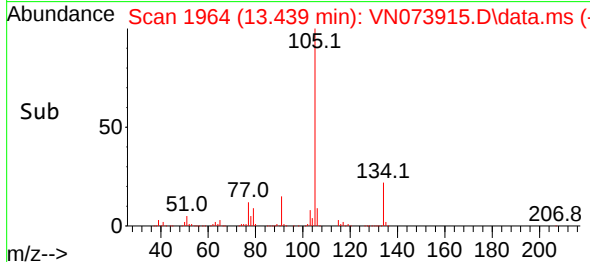
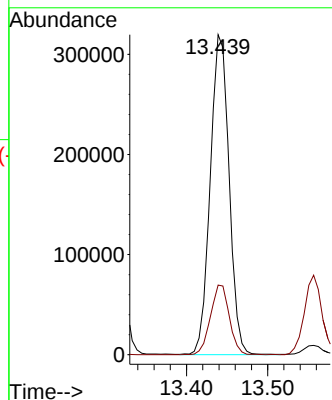
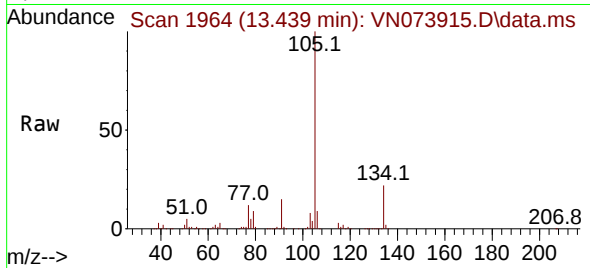
ClientSampleId :

VN0815WBSD02

Tgt Ion:105 Resp: 514820
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.1

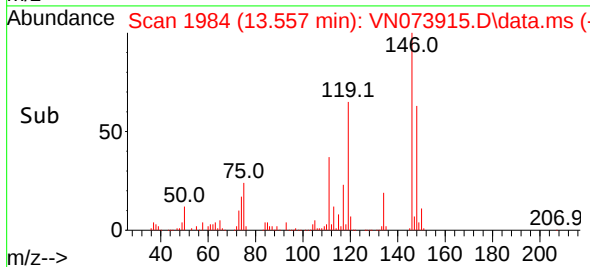
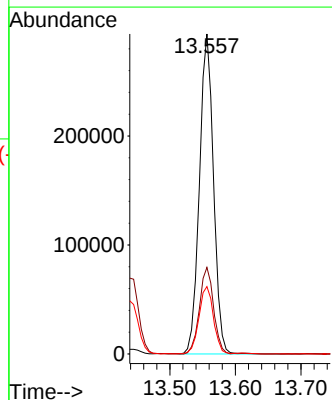
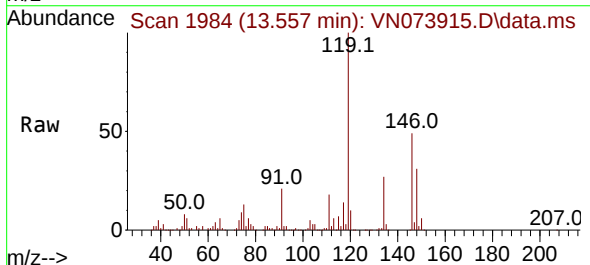
Manual Integrations
 APPROVED

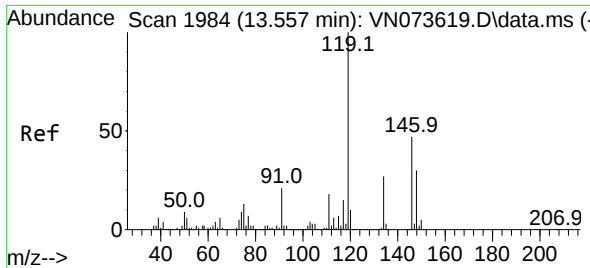
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#86
 p-Isopropyltoluene
 Concen: 18.880 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.001 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

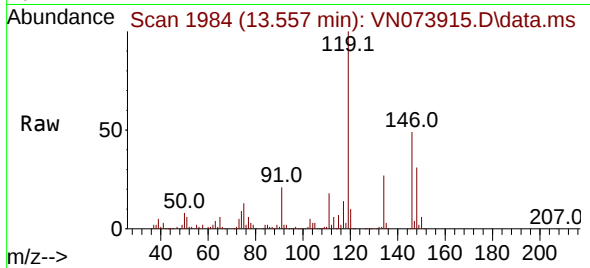
Tgt Ion:119 Resp: 438970
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 21.6 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 18.226 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.001 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04

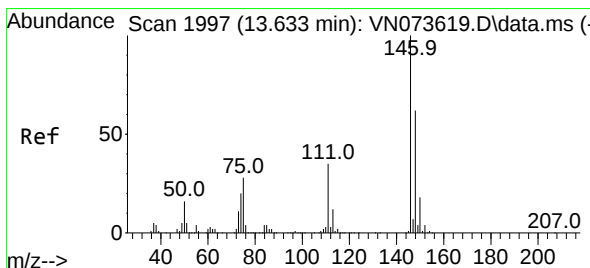
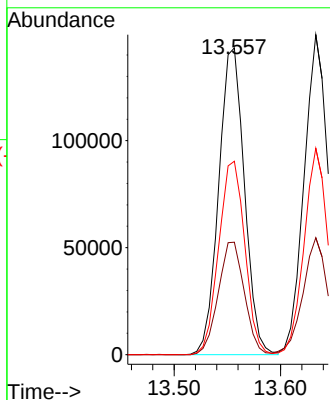
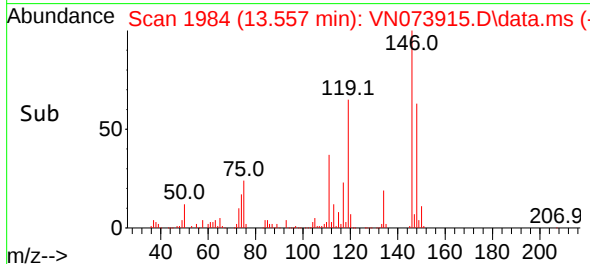
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD02



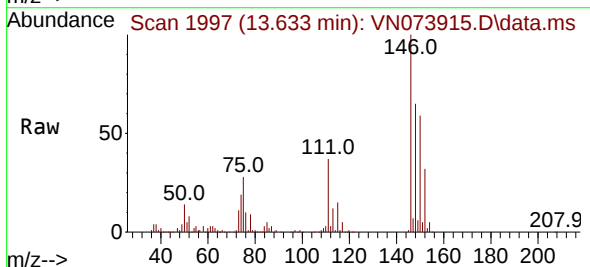
Tgt Ion:146 Resp: 240660
 Ion Ratio Lower Upper
 146 100
 111 37.2 20.0 60.0
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

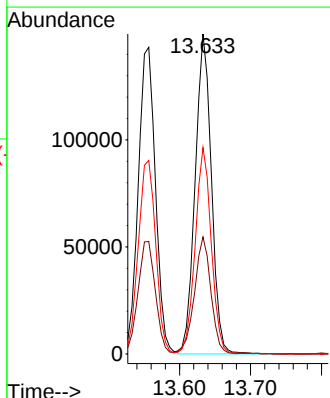
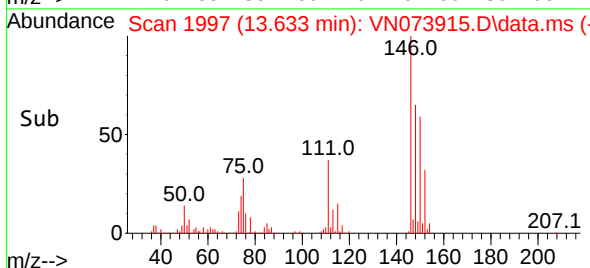
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

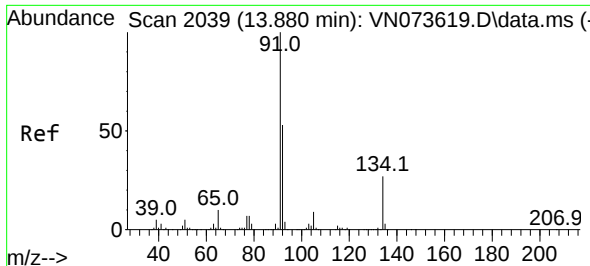


#88
 1,4-Dichlorobenzene
 Concen: 17.796 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. -0.000 min
 Lab File: VN073915.D
 Acq: 16 Aug 2022 00:04



Tgt Ion:146 Resp: 238137
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.1
 148 64.2 31.4 94.3





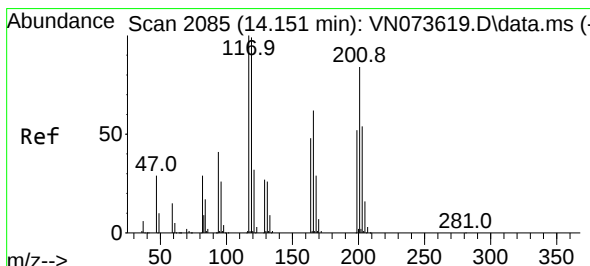
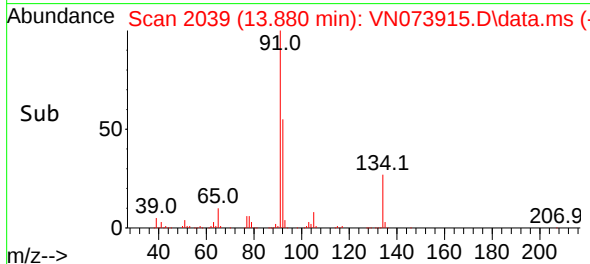
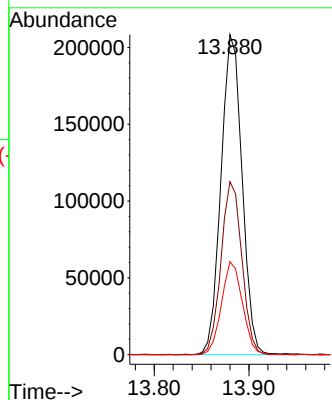
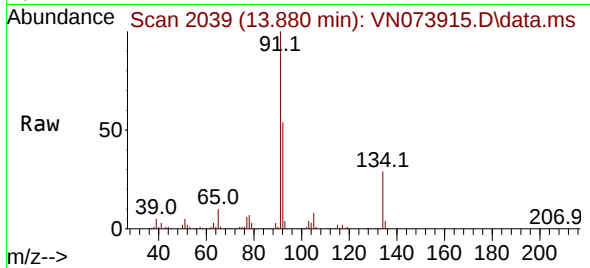
#89
n-Butylbenzene
Concen: 17.528 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02

Tgt Ion: 91 Resp: 32279
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 28.8 13.6 40.8

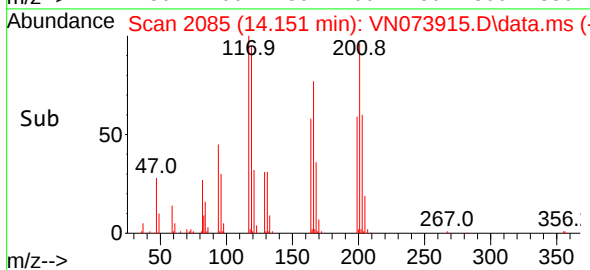
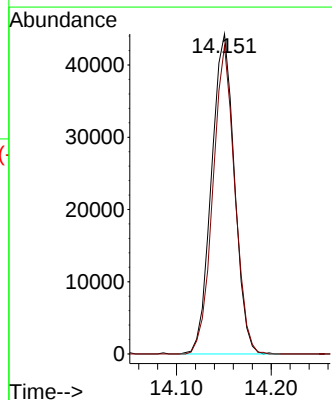
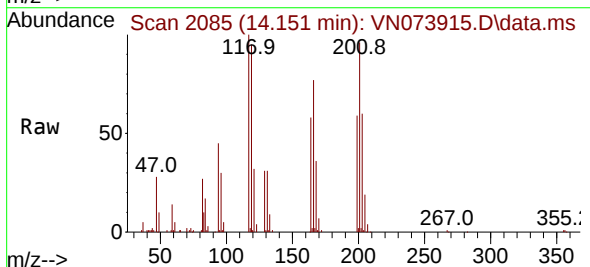
Manual Integrations
APPROVED

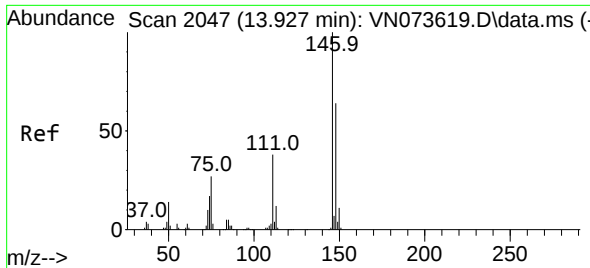
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 17.562 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

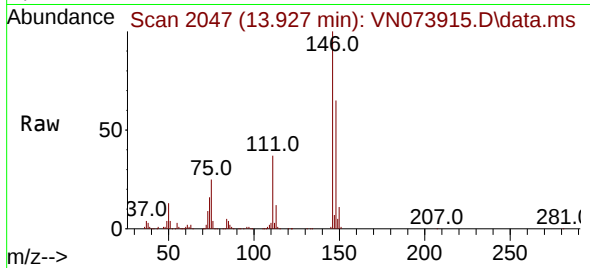
Tgt Ion:117 Resp: 74639
Ion Ratio Lower Upper
117 100
201 91.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 18.421 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

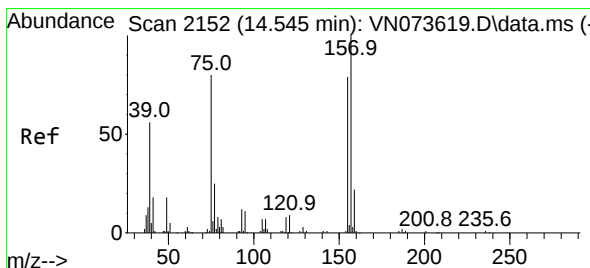
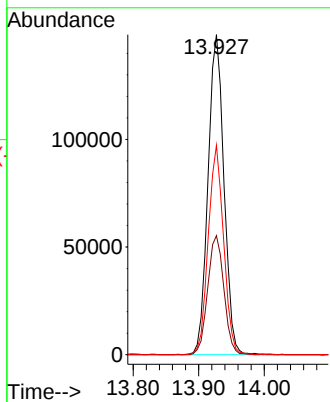
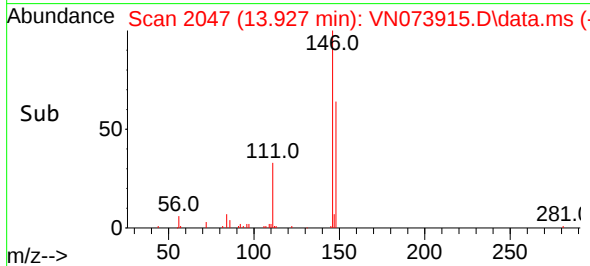
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion:146 Resp: 25118
Ion Ratio Lower Upper
146 100
111 37.7 20.9 62.8
148 63.1 32.1 96.3

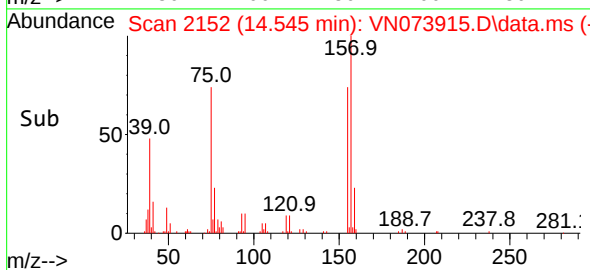
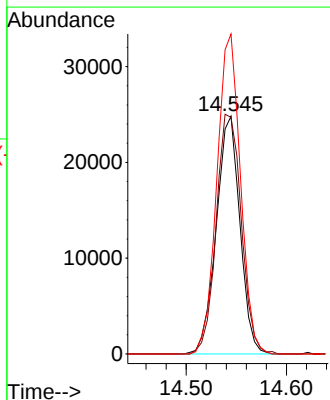
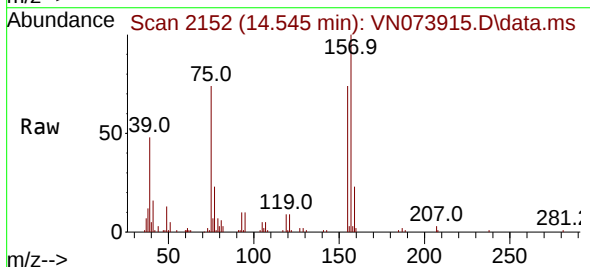
Manual Integrations
APPROVED

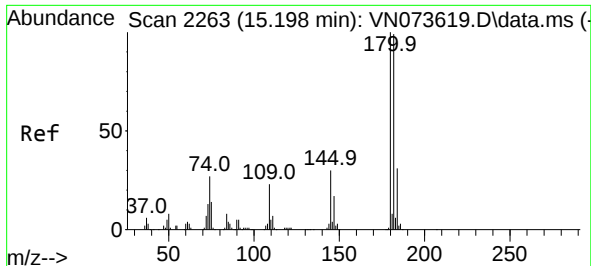
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.208 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

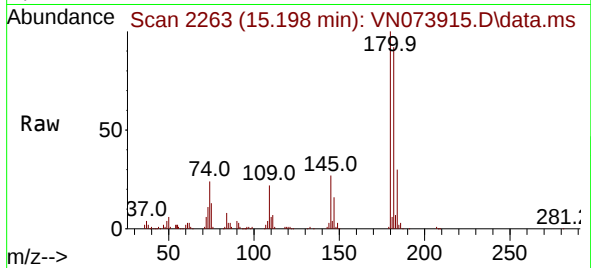
Tgt Ion: 75 Resp: 40581
Ion Ratio Lower Upper
75 100
155 106.9 44.9 134.5
157 134.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 17.713 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

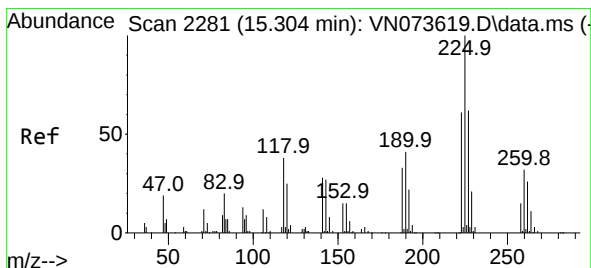
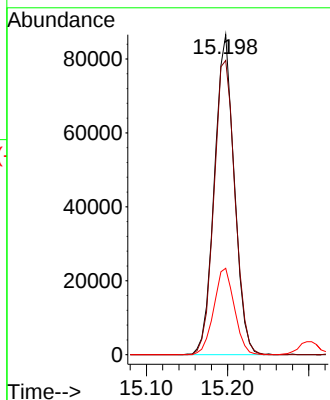
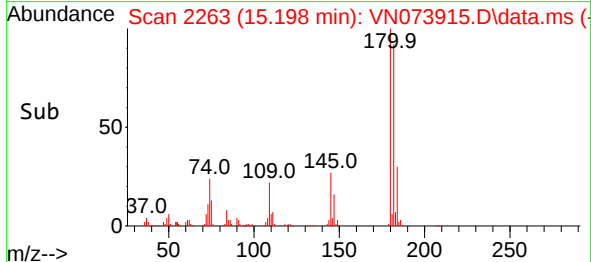
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



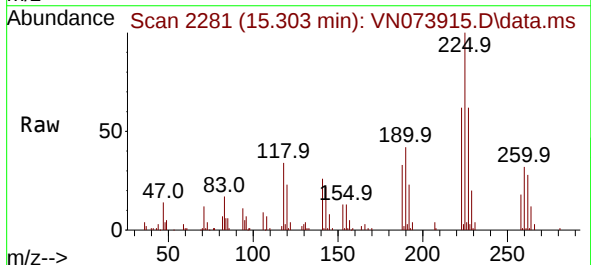
Tgt Ion:180 Resp: 146997
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.5
145 28.0 14.5 43.5

Manual Integrations
APPROVED

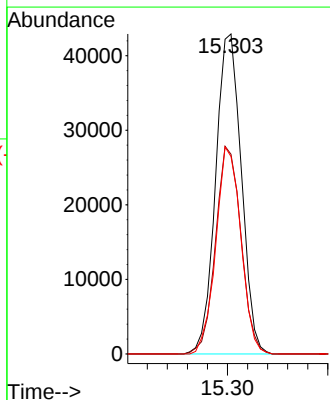
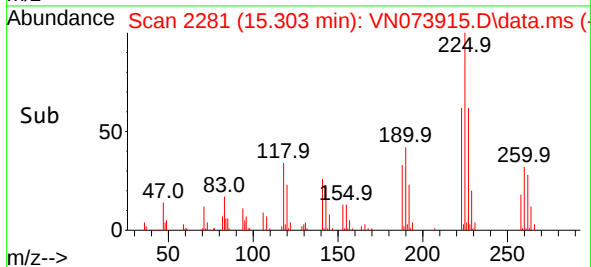
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

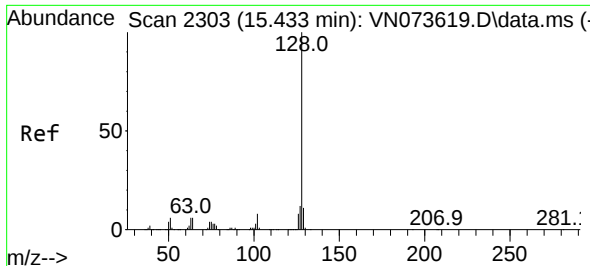


#94
Hexachlorobutadiene
Concen: 17.489 ug/l
RT: 15.303 min Scan# 2281
Delta R.T. -0.001 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04



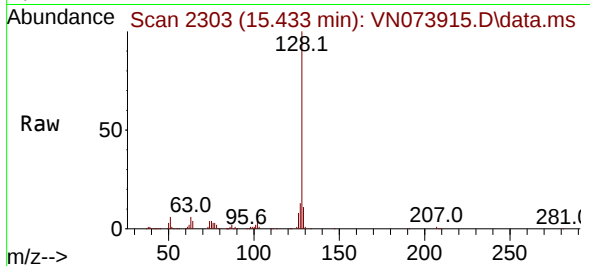
Tgt Ion:225 Resp: 76505
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.2
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 19.222 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

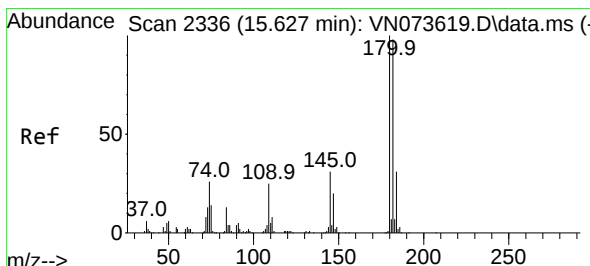
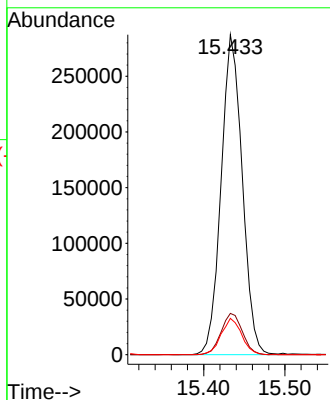
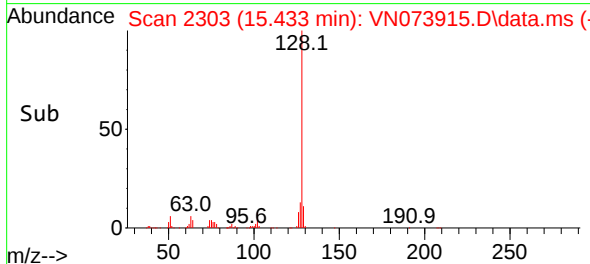
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBSD02



Tgt Ion:128 Resp: 520060
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.237 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073915.D
Acq: 16 Aug 2022 00:04

Tgt Ion:180 Resp: 156435
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 29.5 15.5 46.5

