

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072973.D
 Acq On : 21 Jun 2022 10:52
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:58:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	266434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	482406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	407818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	175940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202064	56.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	7.945	113	158754	53.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.480%			
50) Toluene-d8	10.375	98	537089	48.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.820%			
62) 4-Bromofluorobenzene	12.663	95	190871	47.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49526	19.523	ug/l	98
3) Chloromethane	2.269	50	51095	19.093	ug/l	100
4) Vinyl Chloride	2.411	62	45213	19.874	ug/l	95
5) Bromomethane	2.810	94	18174	20.294	ug/l	96
6) Chloroethane	2.975	64	28419	19.967	ug/l	96
7) Trichlorofluoromethane	3.322	101	81880	22.101	ug/l	98
8) Diethyl Ether	3.769	74	42427	22.190	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.152	101	45582	17.799	ug/l	98
10) Methyl Iodide	4.352	142	42749	14.564	ug/l	96
11) Tert butyl alcohol	5.287	59	84844	91.184	ug/l	99
12) 1,1-Dichloroethene	4.122	96	47242	18.520	ug/l	99
13) Acrolein	3.987	56	33081	90.272	ug/l	95
14) Allyl chloride	4.763	41	99016	18.168	ug/l #	93
15) Acrylonitrile	5.475	53	221408	103.223	ug/l	99
16) Acetone	4.228	43	200237	101.127	ug/l	94
17) Carbon Disulfide	4.457	76	102640	15.704	ug/l	98
18) Methyl Acetate	4.775	43	114591	21.733	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	214131	22.351	ug/l	99
20) Methylene Chloride	5.016	84	65824	21.294	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	51771	18.658	ug/l	96
22) Diisopropyl ether	6.410	45	224262	22.073	ug/l	95
23) Vinyl Acetate	6.351	43	997994	106.409	ug/l	94
24) 1,1-Dichloroethane	6.304	63	113884	21.380	ug/l	99
25) 2-Butanone	7.257	43	309767	98.587	ug/l	91
26) 2,2-Dichloropropane	7.245	77	46478	10.049	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	68556	20.680	ug/l	96
28) Bromochloromethane	7.581	49	48762	22.135	ug/l	92
29) Tetrahydrofuran	7.610	42	209536	100.987	ug/l	89
30) Chloroform	7.740	83	117329	21.758	ug/l	94
31) Cyclohexane	8.022	56	81669	16.761	ug/l	92
32) 1,1,1-Trichloroethane	7.940	97	93120	19.679	ug/l	97
36) 1,1-Dichloropropene	8.151	75	69434	17.210	ug/l	99
37) Ethyl Acetate	7.334	43	130712	20.255	ug/l #	93
38) Carbon Tetrachloride	8.134	117	74294	17.506	ug/l	98
39) Methylcyclohexane	9.392	83	72475	14.903	ug/l	95
40) Benzene	8.392	78	245976	19.399	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61878	20.220	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	95944	21.304	ug/l	99
43) Isopropyl Acetate	8.492	43	186636	20.232	ug/l	94
44) Trichloroethene	9.145	130	58556	18.223	ug/l	97
45) 1,2-Dichloropropane	9.422	63	66177	20.418	ug/l	93
46) Dibromomethane	9.510	93	44440	20.278	ug/l	94
47) Bromodichloromethane	9.692	83	91338	20.971	ug/l	97
48) Methyl methacrylate	9.492	41	88729	21.067	ug/l	91
49) 1,4-Dioxane	9.498	88	32746	345.546	ug/l #	90
51) 4-Methyl-2-Pentanone	10.263	43	605920	100.726	ug/l	92
52) Toluene	10.439	92	145836	18.734	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	86246	18.413	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	92287	18.038	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	66370	19.417	ug/l	97
56) Ethyl methacrylate	10.698	69	111778	20.402	ug/l	89
57) 1,3-Dichloropropane	10.981	76	113629	20.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	246656	101.975	ug/l	97
59) 2-Hexanone	11.022	43	452705	97.300	ug/l	89
60) Dibromochloromethane	11.175	129	68237	21.123	ug/l	99
61) 1,2-Dibromoethane	11.281	107	69906	20.746	ug/l	100
64) Tetrachloroethene	10.910	164	44298	17.855	ug/l	96
65) Chlorobenzene	11.704	112	150954	18.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.775	131	61752	20.371	ug/l	100
67) Ethyl Benzene	11.780	91	265353	18.926	ug/l	100
68) m/p-Xylenes	11.886	106	201315	36.609	ug/l	98
69) o-Xylene	12.216	106	105764	19.248	ug/l	100
70) Styrene	12.228	104	169617	19.222	ug/l	99
71) Bromoform	12.392	173	46889	20.515	ug/l #	100
73) Isopropylbenzene	12.516	105	256123	18.817	ug/l	100
74) N-amyl acetate	12.322	43	141732	20.066	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	103495	21.113	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	76862m	18.019	ug/l	
77) Bromobenzene	12.792	156	64223	19.696	ug/l	92
78) n-propylbenzene	12.857	91	278525	18.604	ug/l	100
79) 2-Chlorotoluene	12.939	91	183395	18.917	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	213690	19.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	25368	16.061	ug/l	95
82) 4-Chlorotoluene	13.039	91	172829	18.842	ug/l	98
83) tert-Butylbenzene	13.257	119	188383	18.398	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	219033	19.669	ug/l	97
85) sec-Butylbenzene	13.433	105	246381	18.037	ug/l	99
86) p-Isopropyltoluene	13.551	119	203166	18.371	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	110083	18.910	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	111726	18.962	ug/l	98
89) n-Butylbenzene	13.874	91	150010	16.612	ug/l	100
90) Hexachloroethane	14.145	117	39635	19.011	ug/l	89
91) 1,2-Dichlorobenzene	13.922	146	117866	19.414	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	25001	20.175	ug/l	91
93) 1,2,4-Trichlorobenzene	15.186	180	58114	17.296	ug/l	99
94) Hexachlorobutadiene	15.292	225	23391	15.998	ug/l	96
95) Naphthalene	15.427	128	246115	18.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	62177	17.330	ug/l	97

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QLast Update : Sat Jun 18 06:22:45 2022
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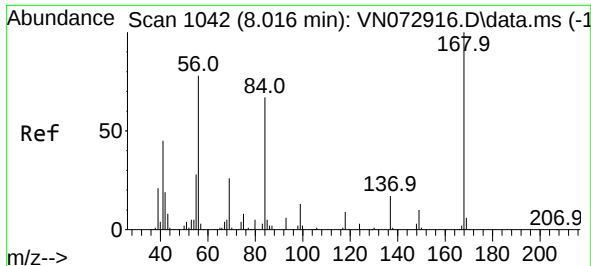
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

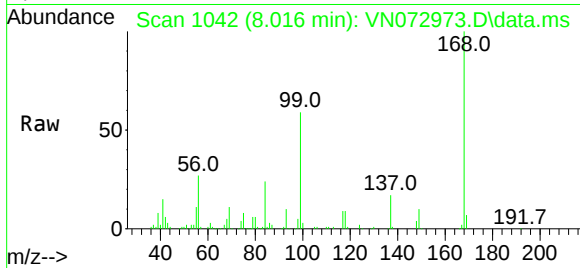
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

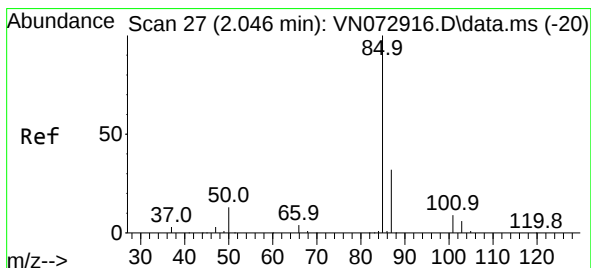
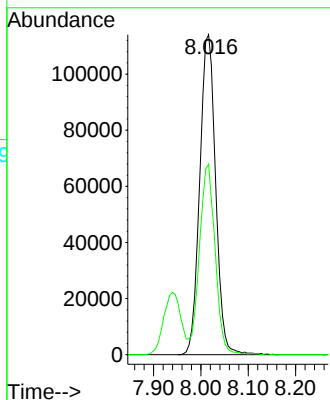
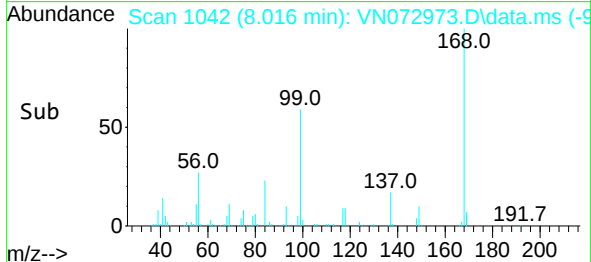
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 266434
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5

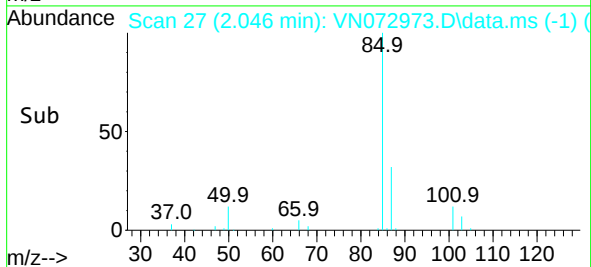
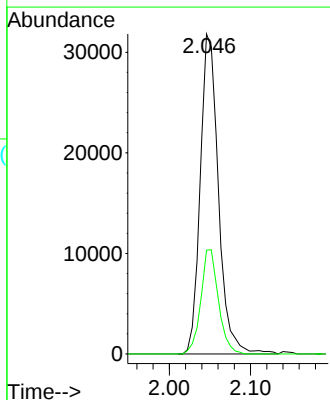
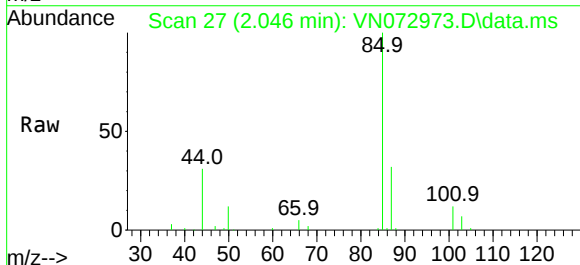
Manual Integrations
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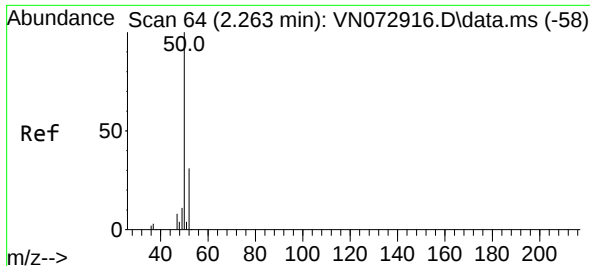
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#2
Dichlorodifluoromethane
Concen: 19.523 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

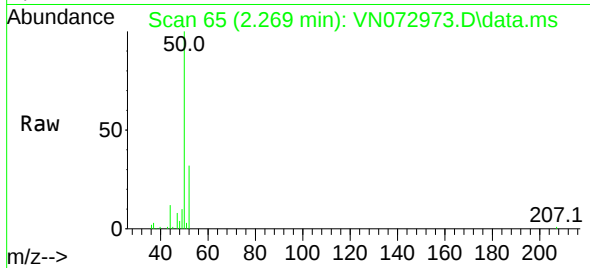
Tgt Ion: 85 Resp: 49526
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 19.093 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

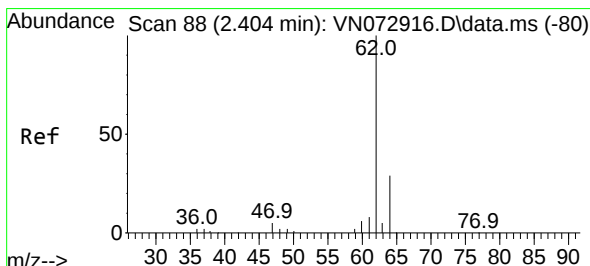
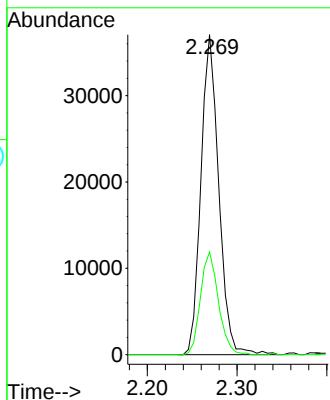
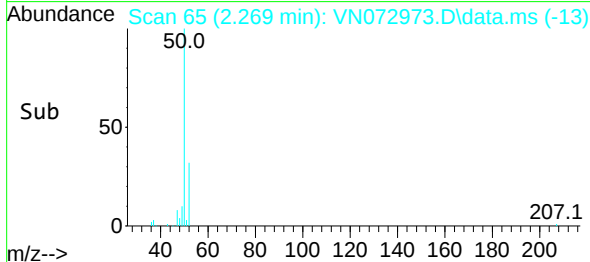
Instrument :
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Tgt Ion: 50 Resp: 5109
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

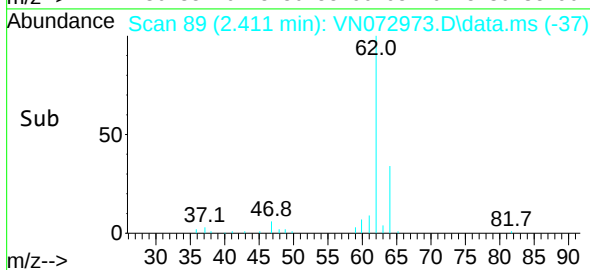
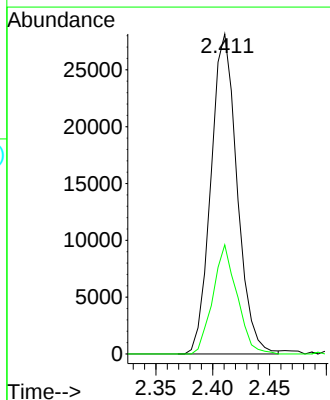
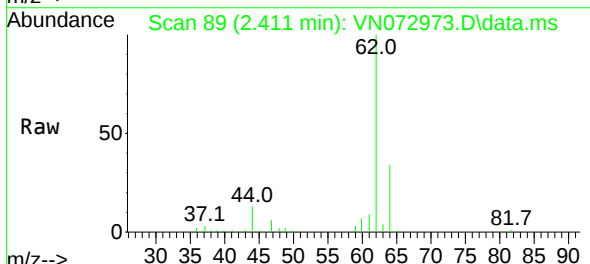
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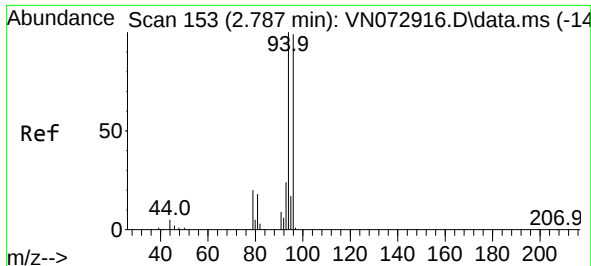
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#4
Vinyl Chloride
Concen: 19.874 ug/l
RT: 2.411 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

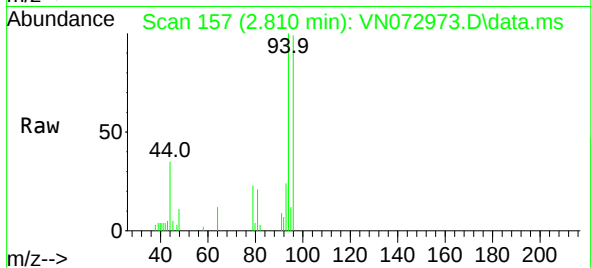
Tgt Ion: 62 Resp: 45213
Ion Ratio Lower Upper
62 100
64 34.1 25.0 37.4





#5
Bromomethane
Concen: 20.294 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

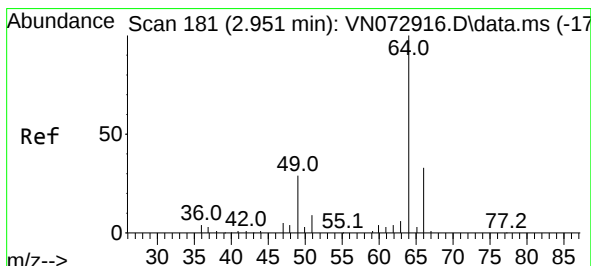
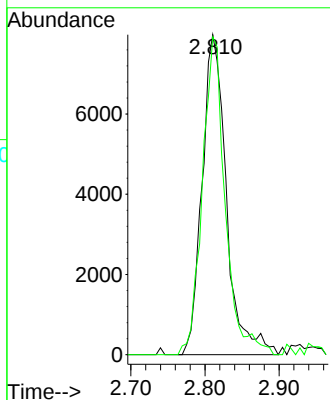
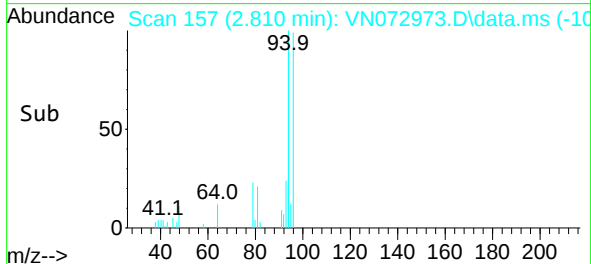
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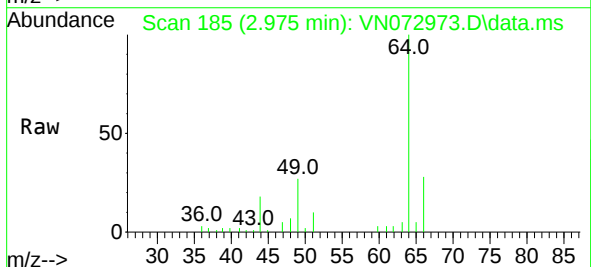
Tgt Ion: 94 Resp: 18174
Ion Ratio Lower Upper
94 100
96 99.3 76.0 114.0

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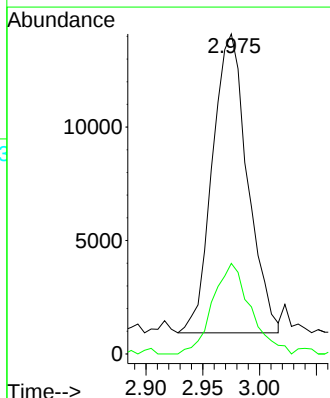
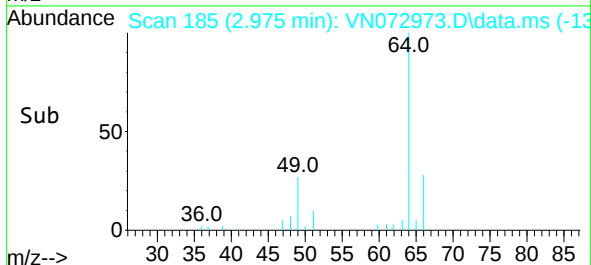
Reviewed By :John Carlone 06/22/2022
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#6
Chloroethane
Concen: 19.967 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.024 min
Lab File: VN072973.D
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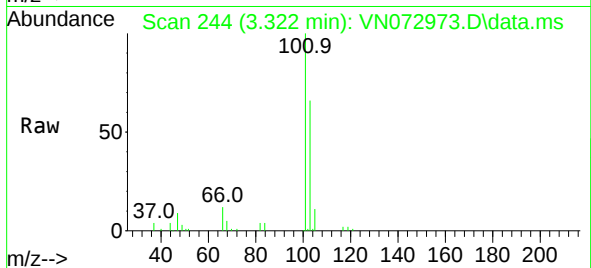
Tgt Ion: 64 Resp: 28419
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 22.101 ug/l
RT: 3.322 min Scan# 241
Delta R.T. 0.018 min
Lab File: VN072973.D
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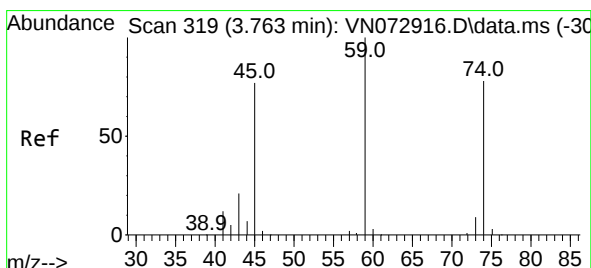
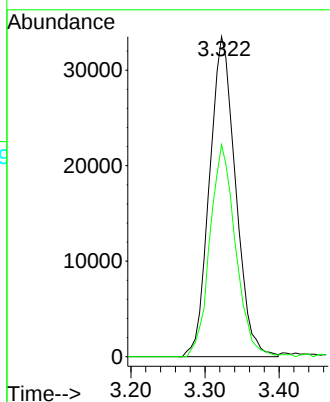
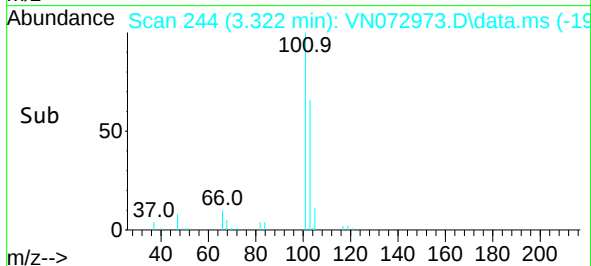
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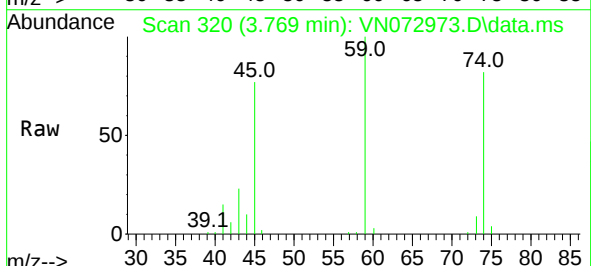
Tgt Ion:101 Resp: 81880
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

Manual Integrations
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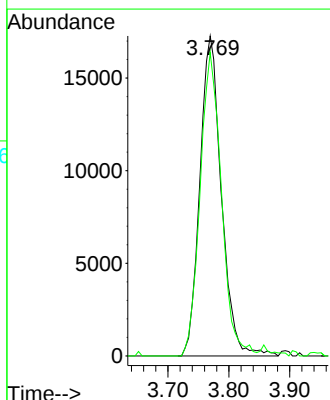
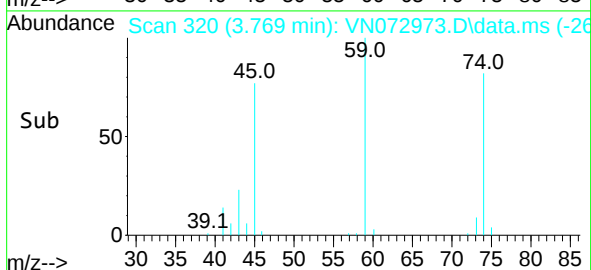
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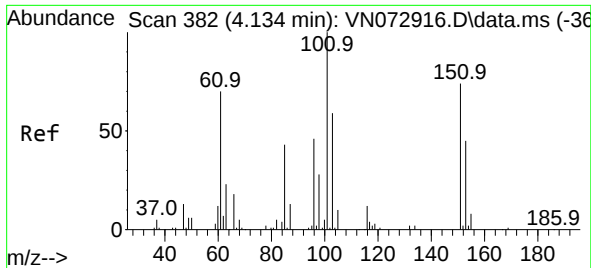


#8
Diethyl Ether
Concen: 22.190 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN072973.D
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Tgt Ion: 74 Resp: 42427
Ion Ratio Lower Upper
74 100
45 94.1 42.9 128.5





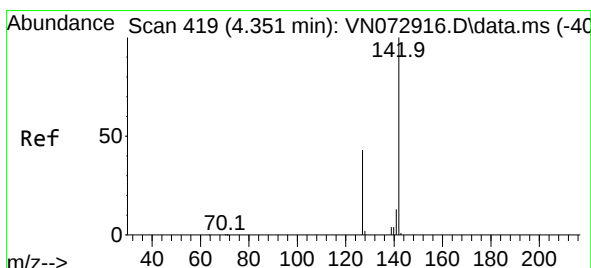
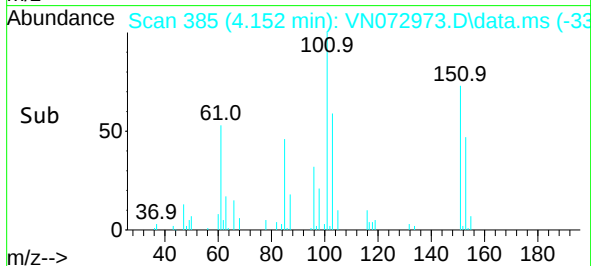
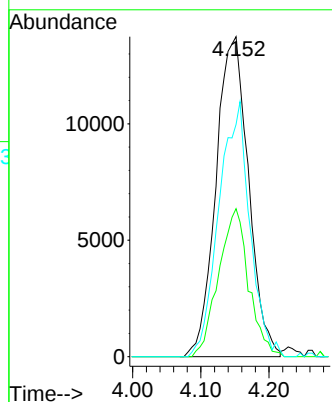
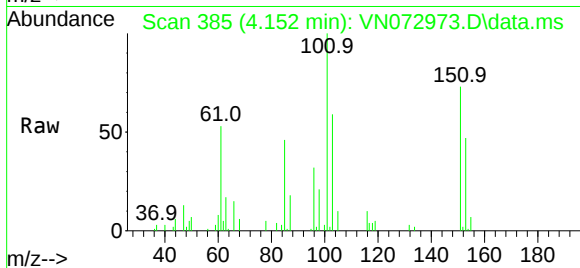
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.799 ug/l
RT: 4.152 min Scan# 382
Delta R.T. 0.018 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion:101 Resp: 4558
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 76.0 63.0 94.4

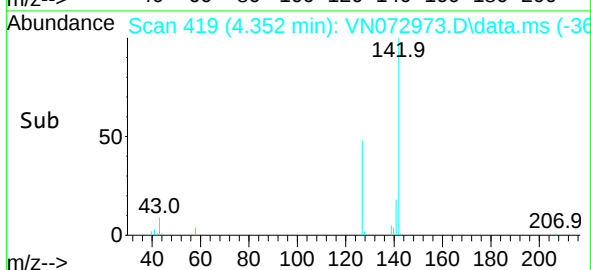
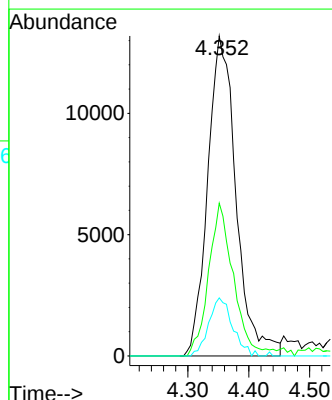
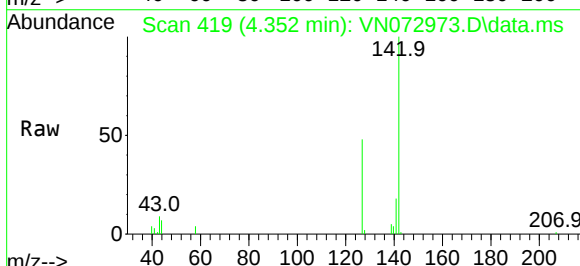
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#10
Methyl Iodide
Concen: 14.564 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion:142 Resp: 42749
Ion Ratio Lower Upper
142 100
127 42.0 31.3 46.9
141 15.3 11.2 16.8





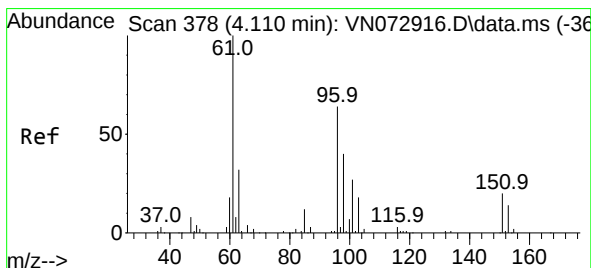
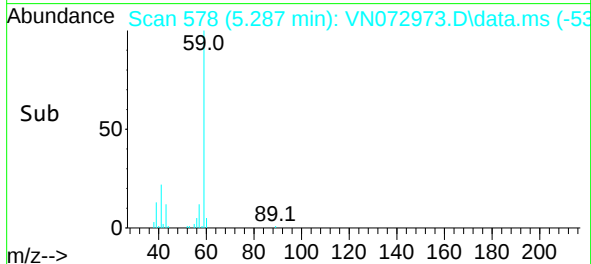
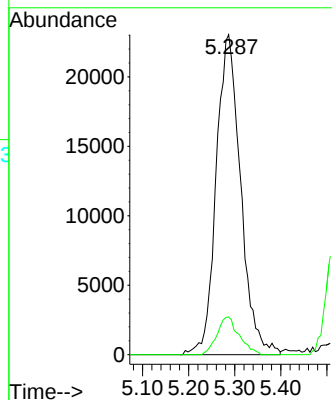
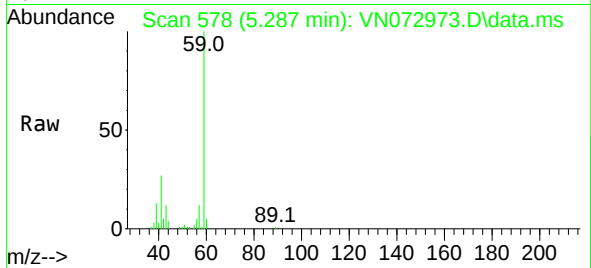
#11
Tert butyl alcohol
Concen: 91.184 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 59 Resp: 8484
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

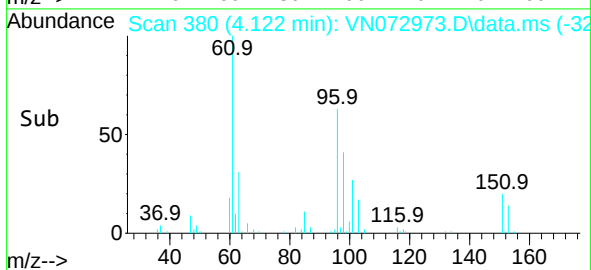
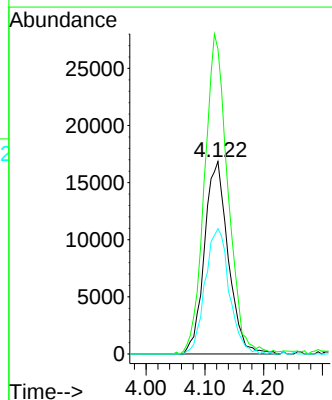
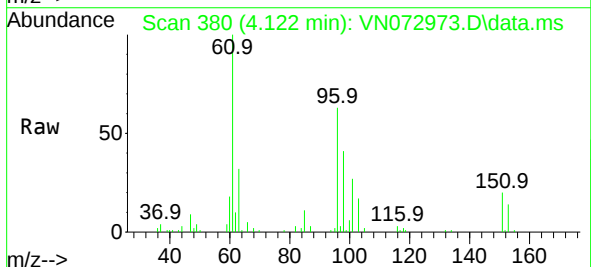
Manual Integrations
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Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#12
1,1-Dichloroethene
Concen: 18.520 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

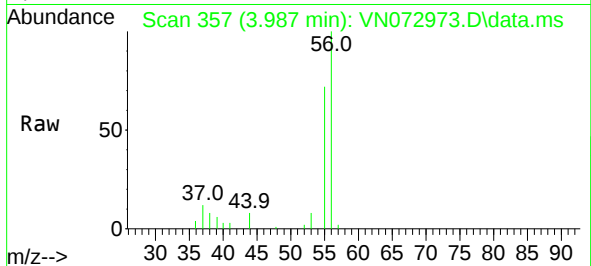
Tgt Ion: 96 Resp: 47242
Ion Ratio Lower Upper
96 100
61 158.3 127.6 191.4
98 65.0 51.2 76.8





#13
Acrolein
Concen: 90.272 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

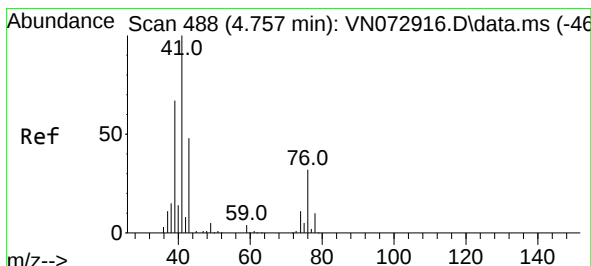
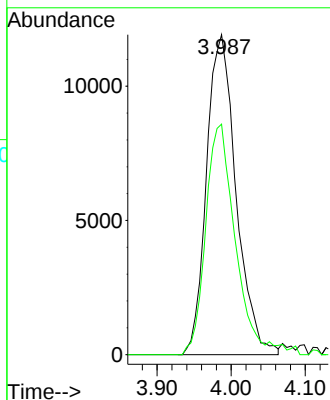
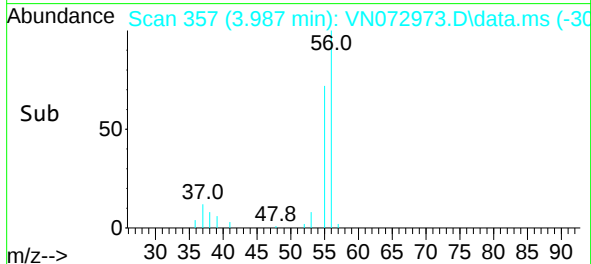
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 56 Resp: 3308
Ion Ratio Lower Upper
56 100
55 72.7 54.8 82.2

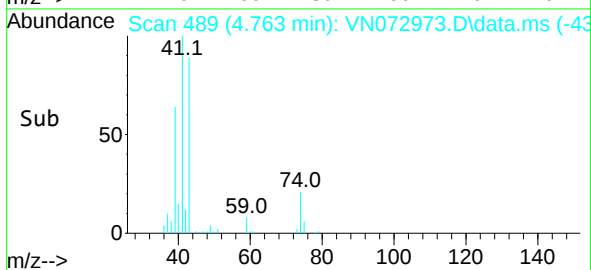
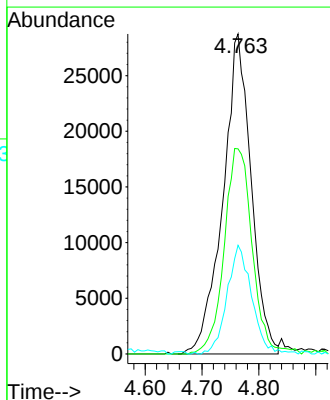
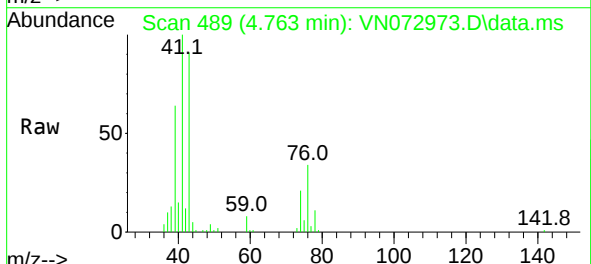
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#14
Allyl chloride
Concen: 18.168 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

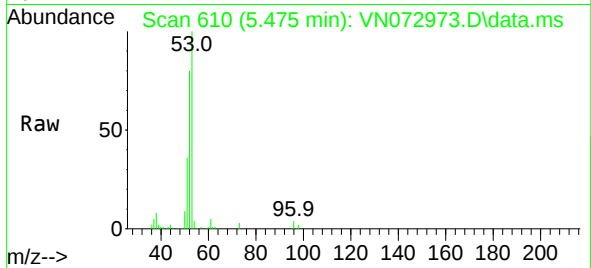
Tgt Ion: 41 Resp: 99016
Ion Ratio Lower Upper
41 100
39 64.0 53.2 79.8
76 29.7 29.9 44.9#





#15
Acrylonitrile
Concen: 103.223 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

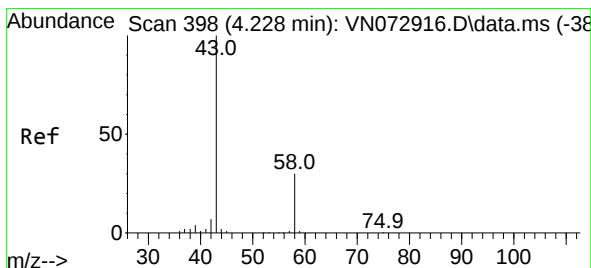
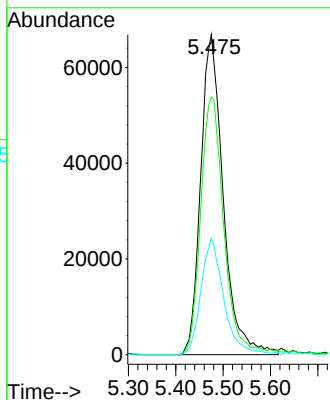
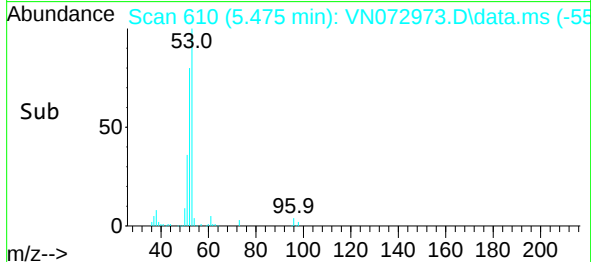
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 53 Resp: 221408
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.5 28.5 42.7

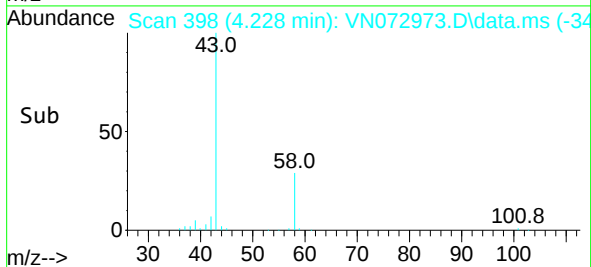
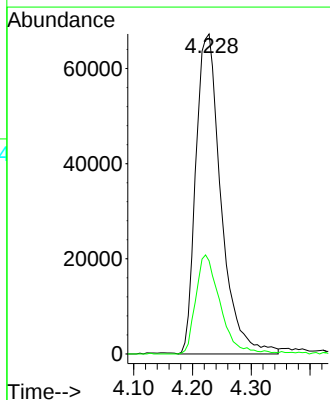
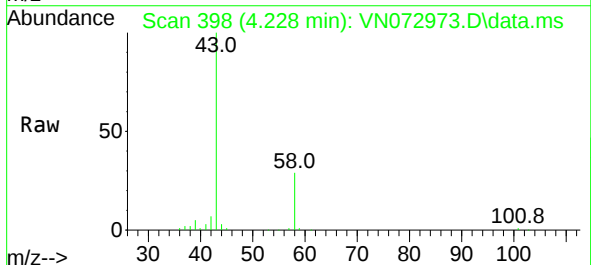
Manual Integrations
APPROVED

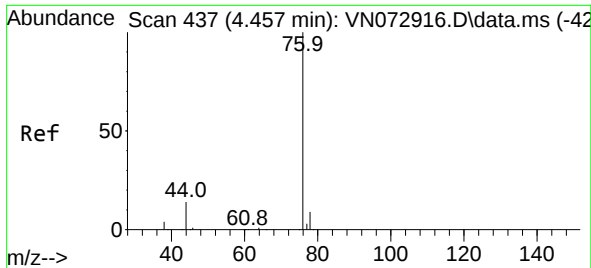
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#16
Acetone
Concen: 101.127 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

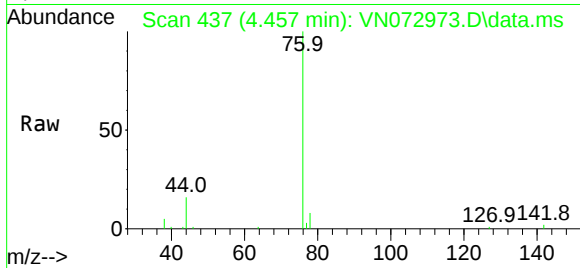
Tgt Ion: 43 Resp: 200237
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0





#17
Carbon Disulfide
Concen: 15.704 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

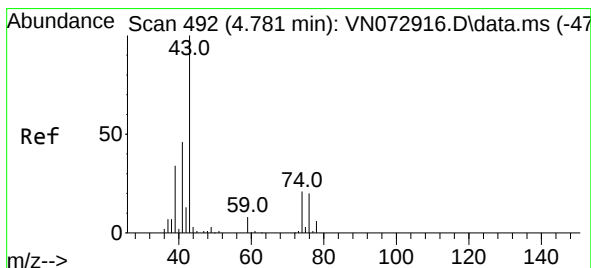
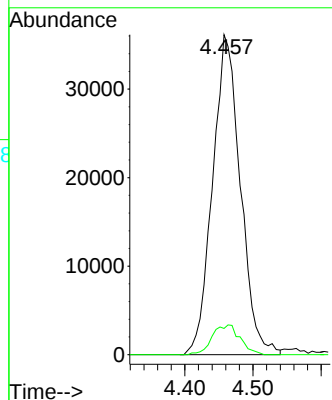
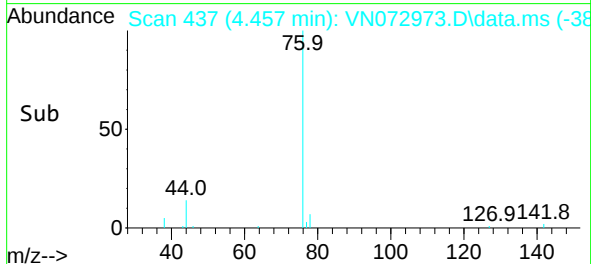
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 76 Resp: 102640
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

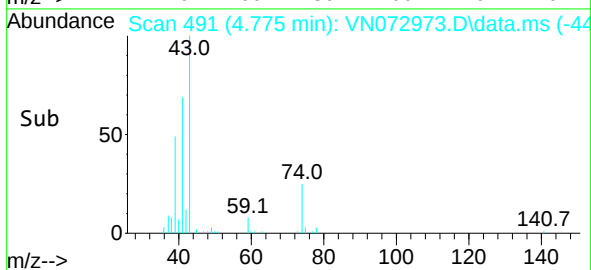
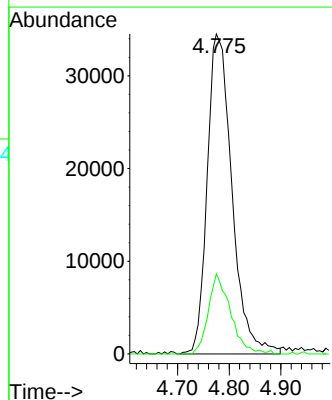
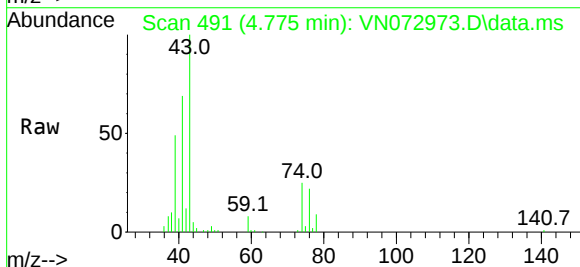
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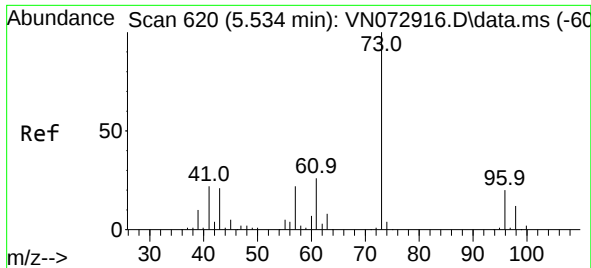
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#18
Methyl Acetate
Concen: 21.733 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion: 43 Resp: 114591
Ion Ratio Lower Upper
43 100
74 22.4 21.6 32.4





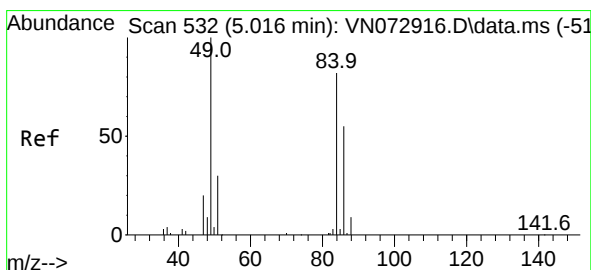
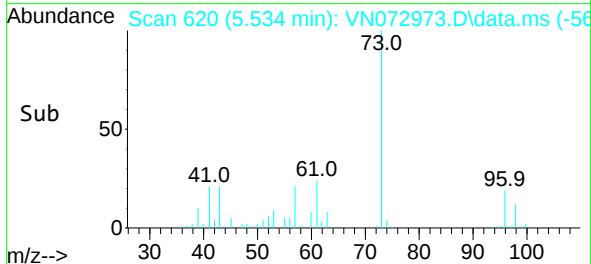
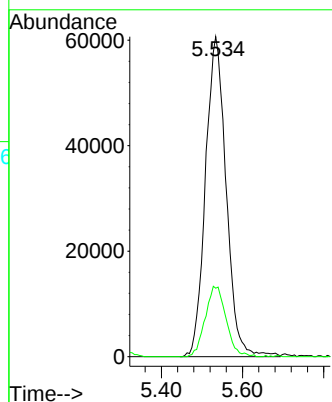
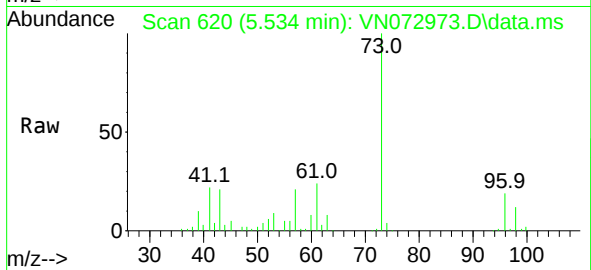
#19
Methyl tert-butyl Ether
Concen: 22.351 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 73 Resp: 21413
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

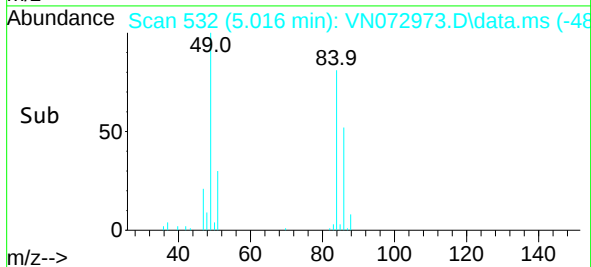
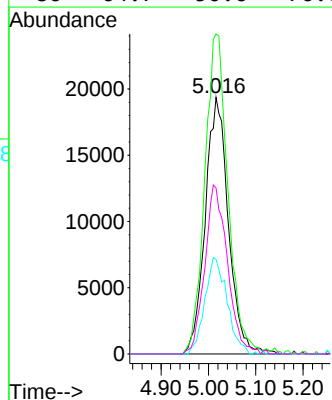
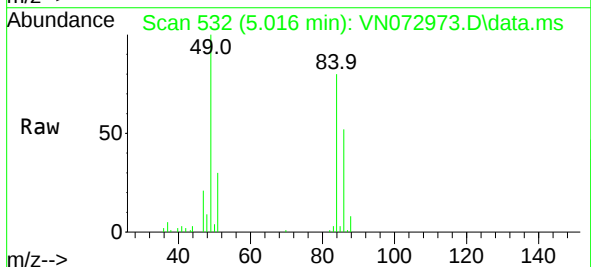
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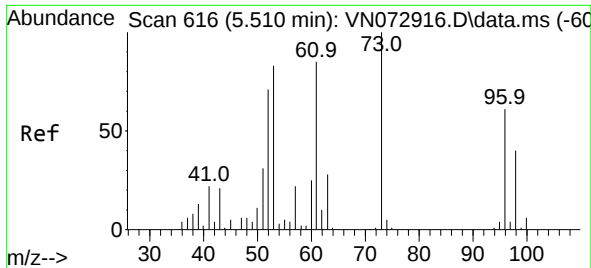
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#20
Methylene Chloride
Concen: 21.294 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion: 84 Resp: 65824
Ion Ratio Lower Upper
84 100
49 124.8 88.3 132.5
51 36.9 28.2 42.2
86 64.7 50.6 76.0





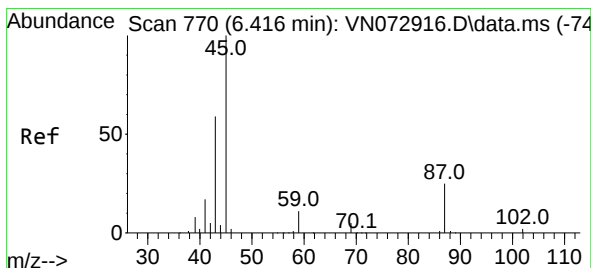
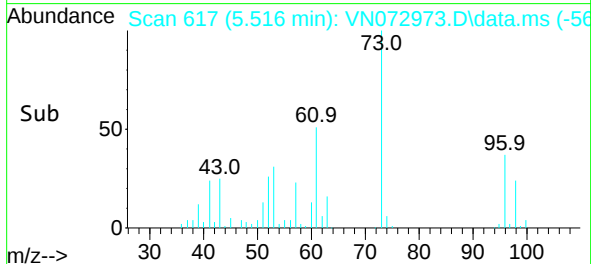
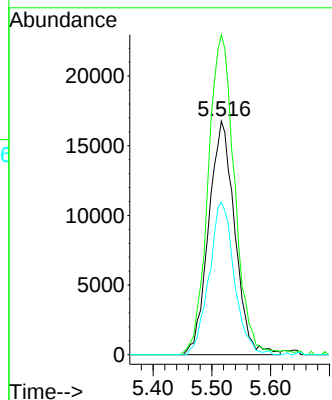
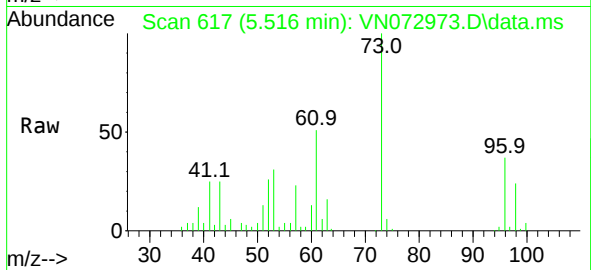
#21
trans-1,2-Dichloroethene
Concen: 18.658 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 96 Resp: 5177
Ion Ratio Lower Upper
96 100
61 137.0 105.8 158.8
98 65.3 50.3 75.5

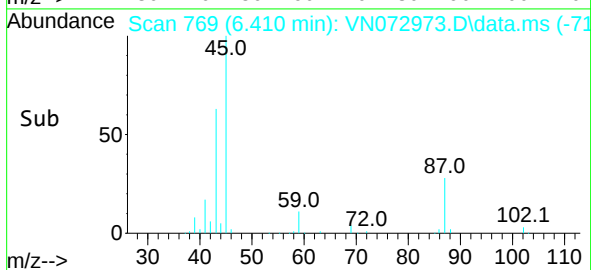
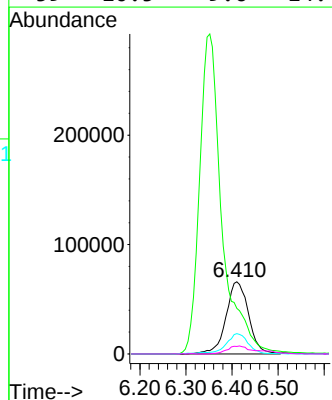
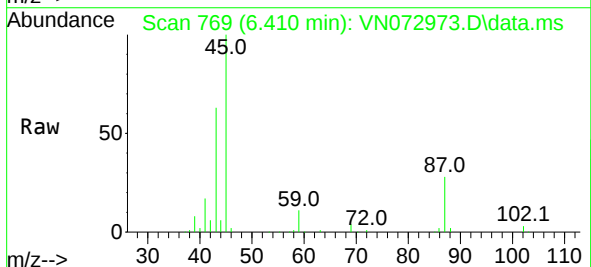
Manual Integrations
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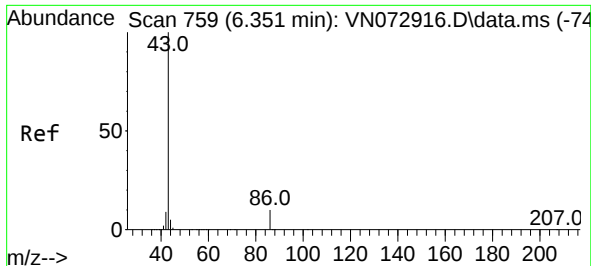
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#22
Diisopropyl ether
Concen: 22.073 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

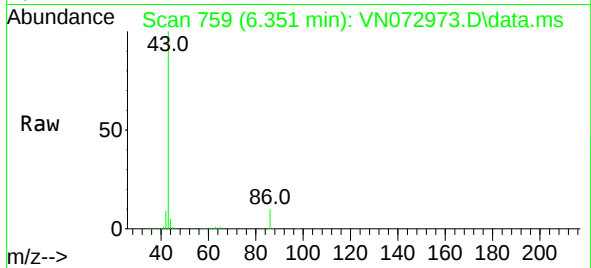
Tgt Ion: 45 Resp: 224262
Ion Ratio Lower Upper
45 100
43 62.6 46.6 70.0
87 27.8 24.3 36.5
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 106.409 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52

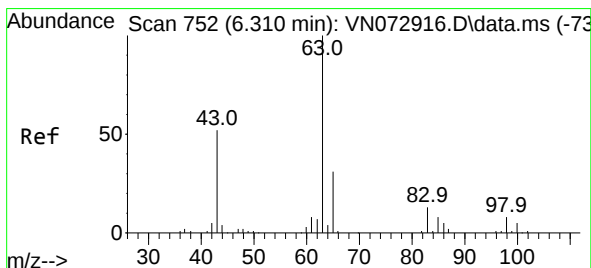
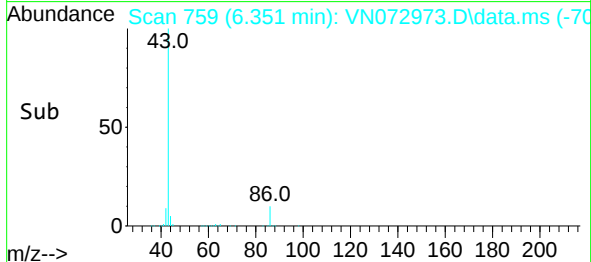
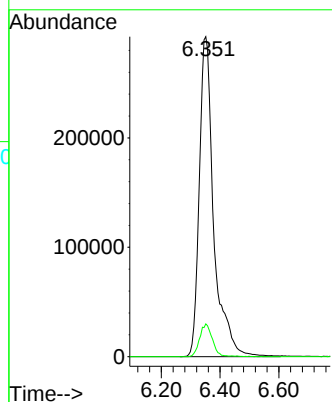
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01



Tgt Ion: 43 Resp: 997994
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0

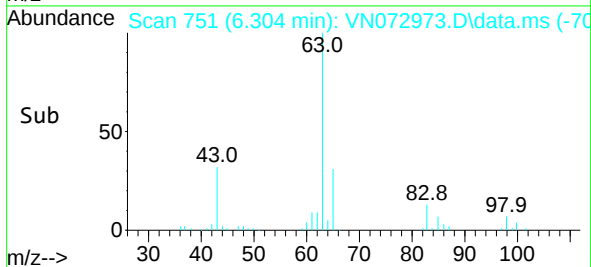
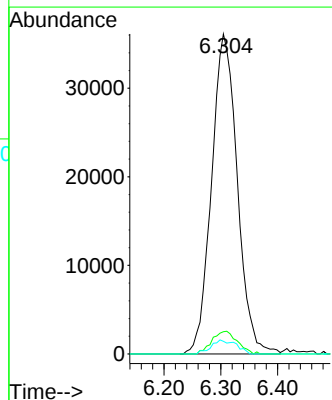
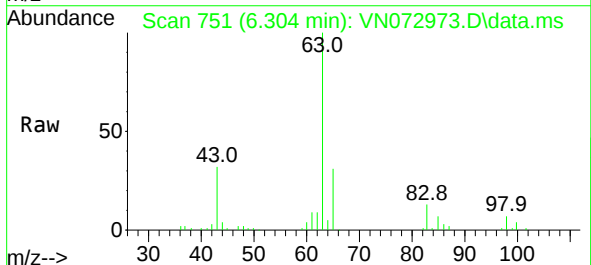
Manual Integrations
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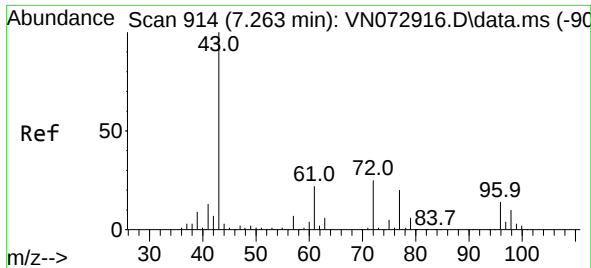
Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 21.380 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52

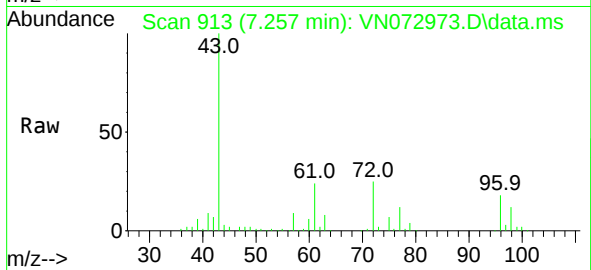
Tgt Ion: 63 Resp: 113884
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 98.587 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

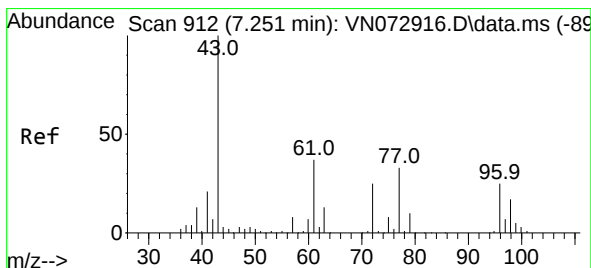
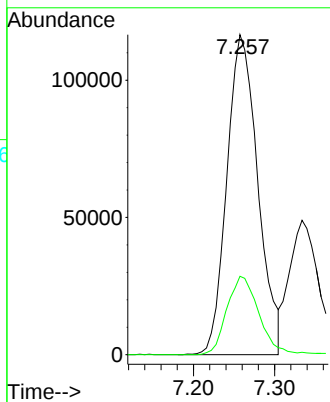
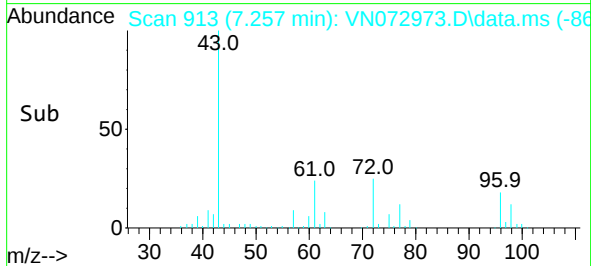
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 43 Resp: 30976
Ion Ratio Lower Upper
43 100
72 24.5 23.7 35.5

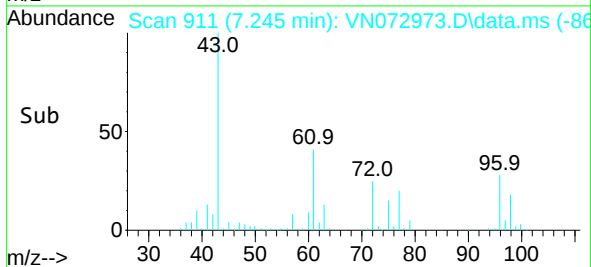
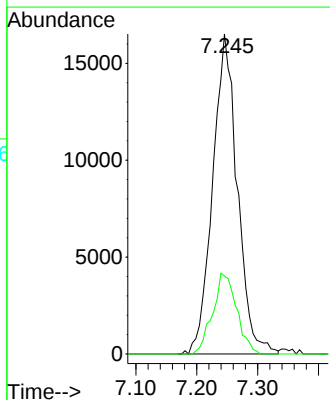
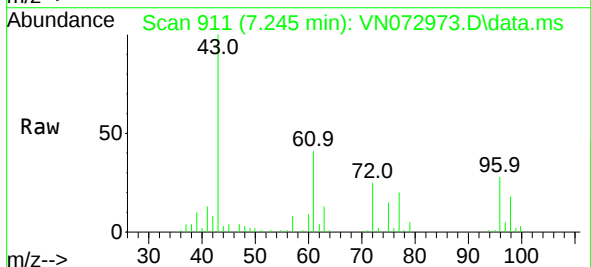
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#26
2,2-Dichloropropane
Concen: 10.049 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

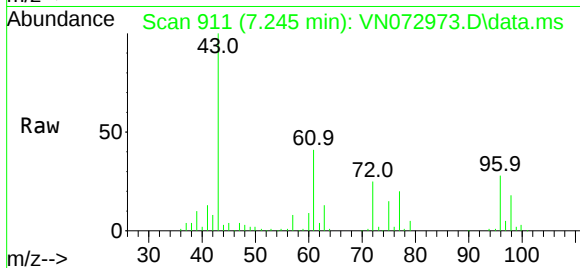
Tgt Ion: 77 Resp: 46478
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.680 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52

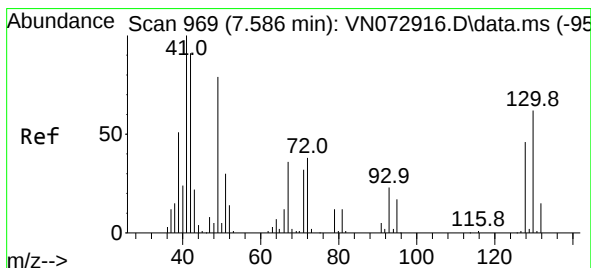
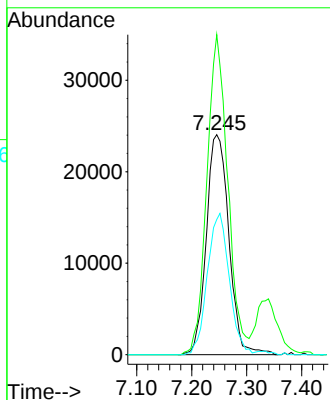
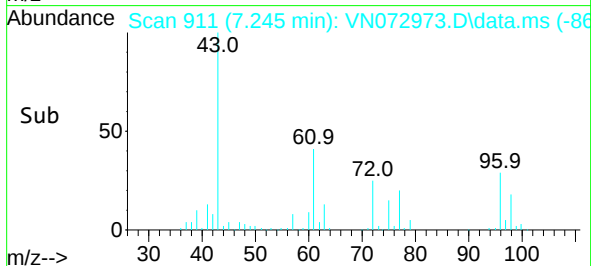
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01



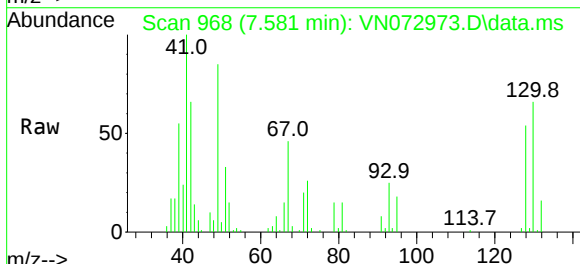
Tgt Ion: 96 Resp: 68550
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 280.6
 98 62.6 0.0 128.4

Manual Integrations
 APPROVED

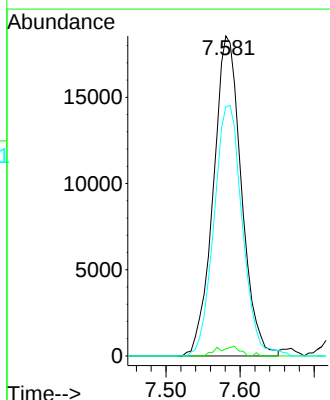
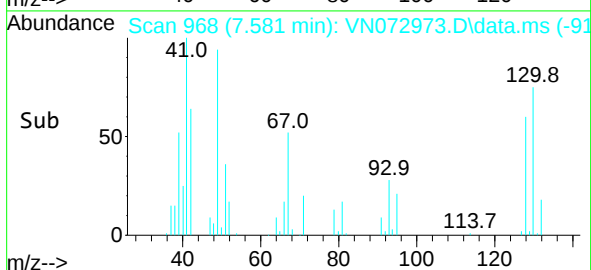
Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022

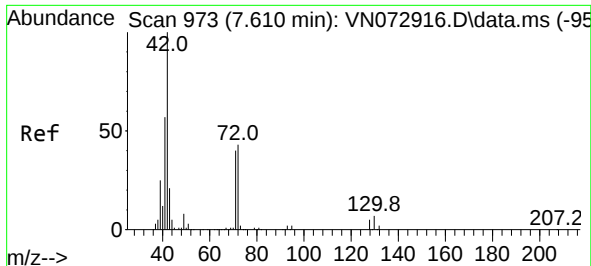


#28
 Bromochloromethane
 Concen: 22.135 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52



Tgt Ion: 49 Resp: 48762
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 100.987 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072973.D

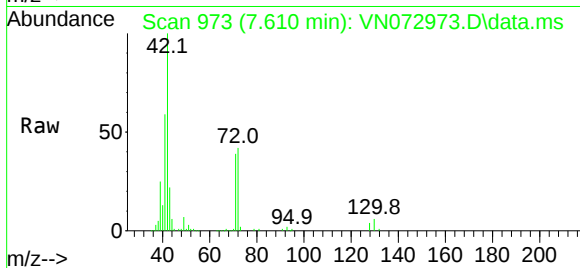
Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01



Tgt Ion: 42 Resp: 209530

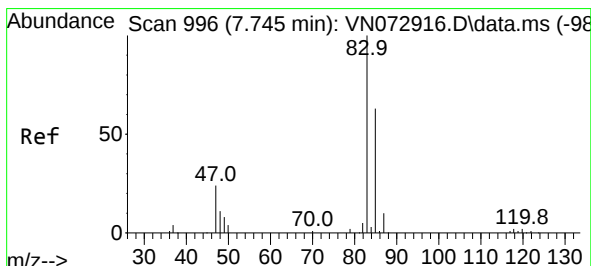
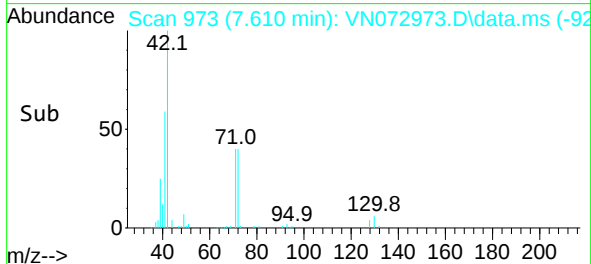
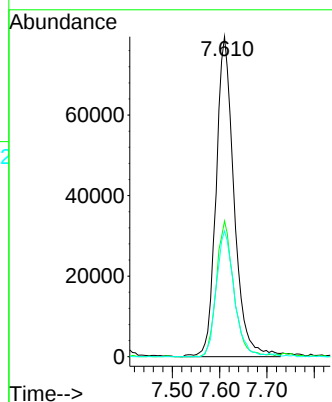
Ion	Ratio	Lower	Upper
42	100		
72	41.0	39.7	59.5
71	39.0	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#30

Chloroform

Concen: 21.758 ug/l

RT: 7.740 min Scan# 995

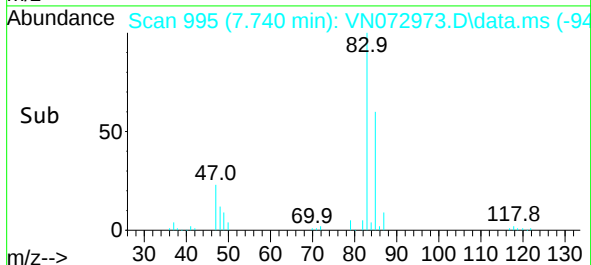
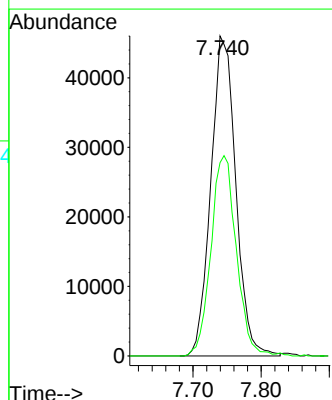
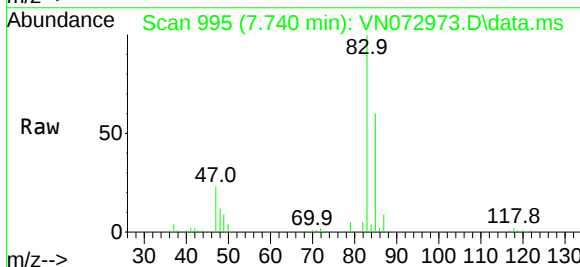
Delta R.T. -0.006 min

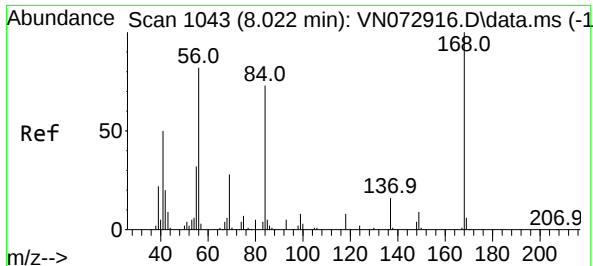
Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

Tgt Ion: 83 Resp: 117329

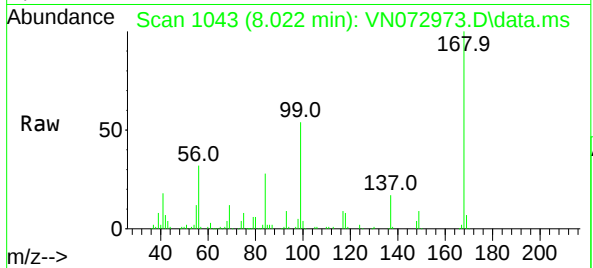
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.8	77.8





#31
Cyclohexane
Concen: 16.761 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

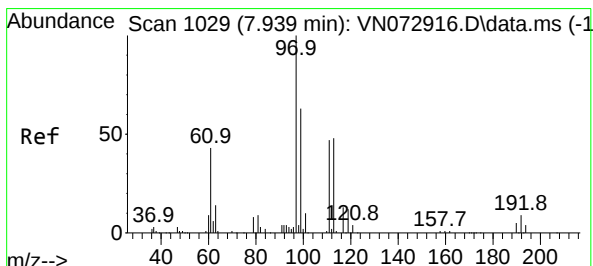
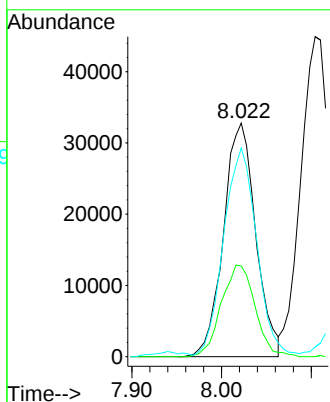
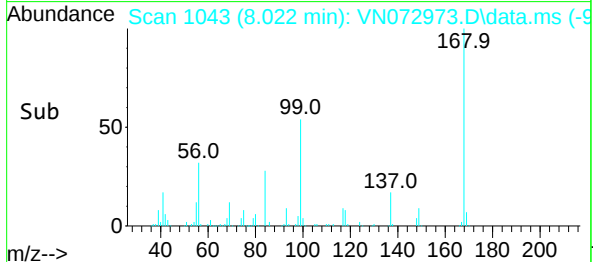
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



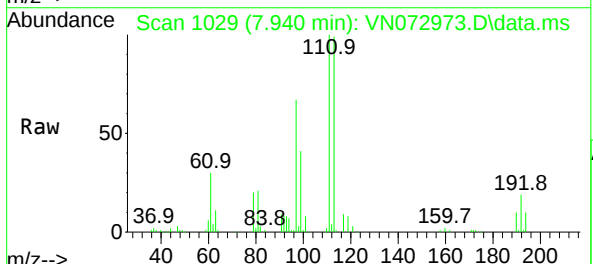
Tgt Ion: 56 Resp: 81669
Ion Ratio Lower Upper
56 100
69 38.8 27.8 41.8
84 88.1 76.9 115.3

Manual Integrations
APPROVED

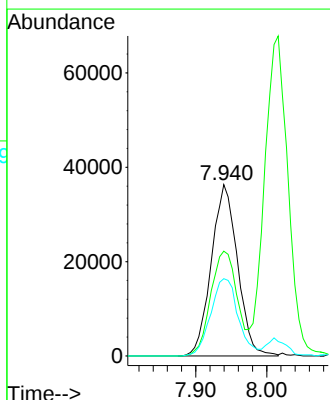
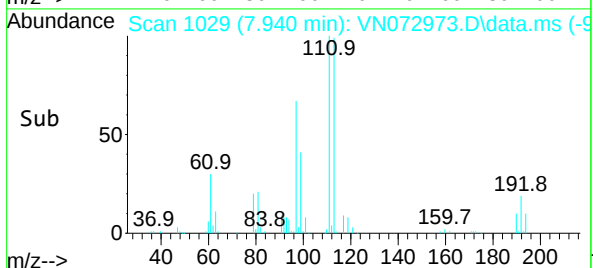
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

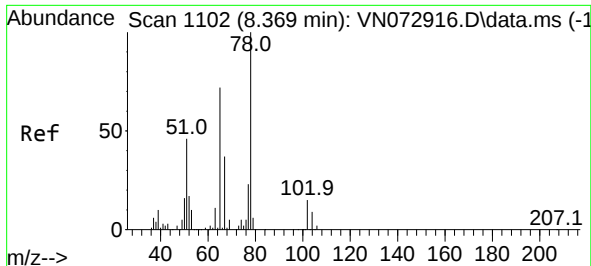


#32
1,1,1-Trichloroethane
Concen: 19.679 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion: 97 Resp: 93120
Ion Ratio Lower Upper
97 100
99 60.5 50.6 76.0
61 47.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 56.096 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

Tgt Ion: 65 Resp: 202064

Ion Ratio Lower Upper

65 100

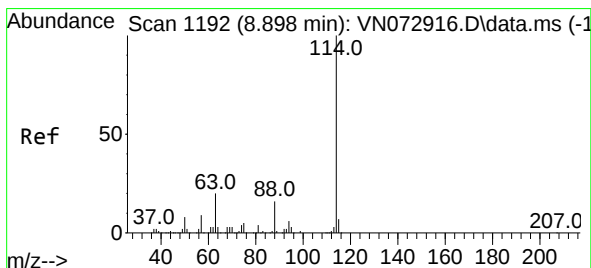
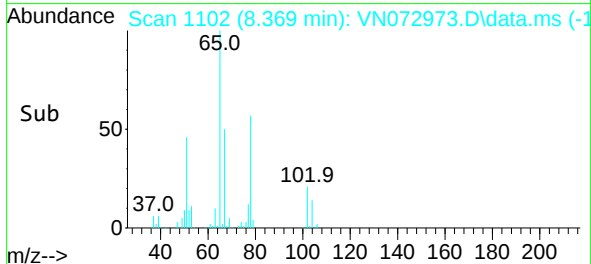
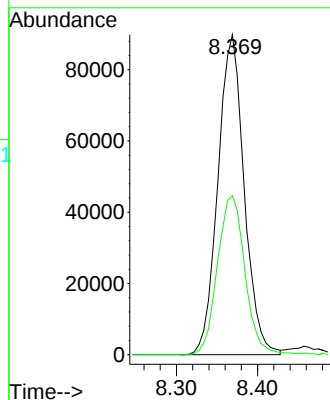
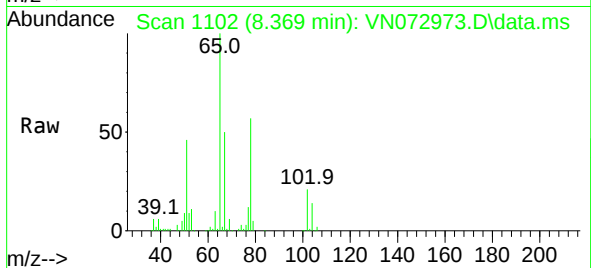
67 51.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

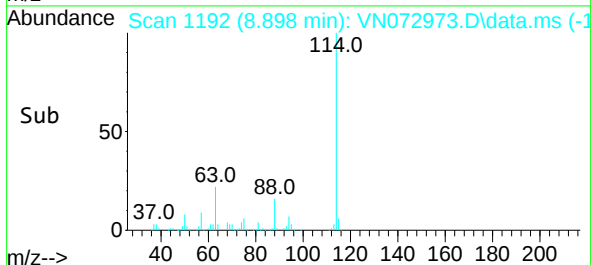
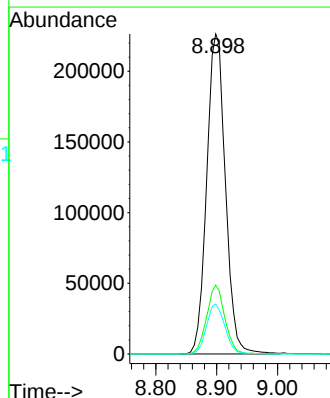
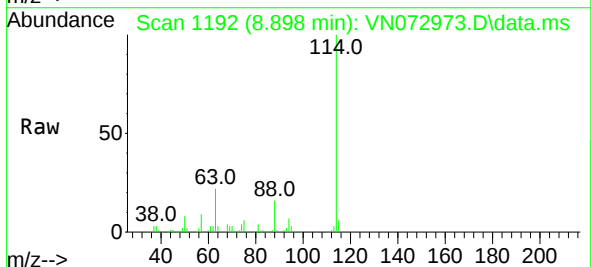
Tgt Ion:114 Resp: 482406

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

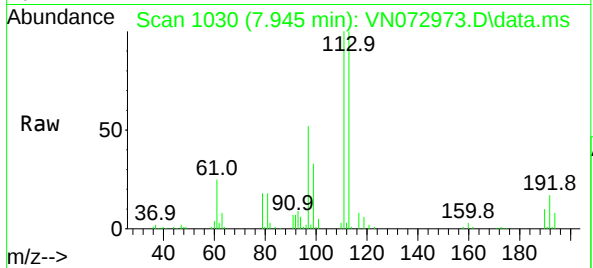
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.243 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

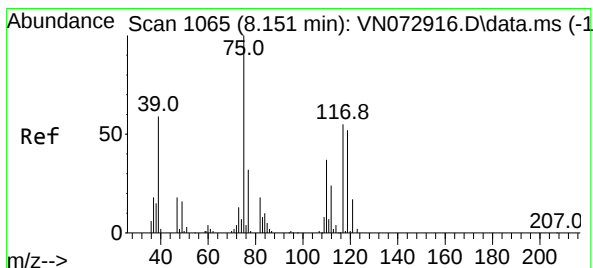
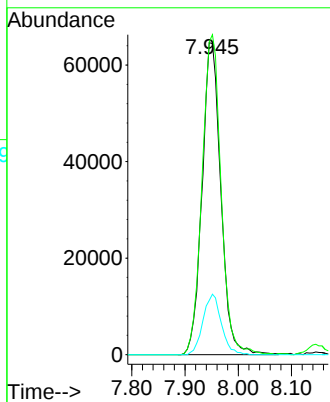
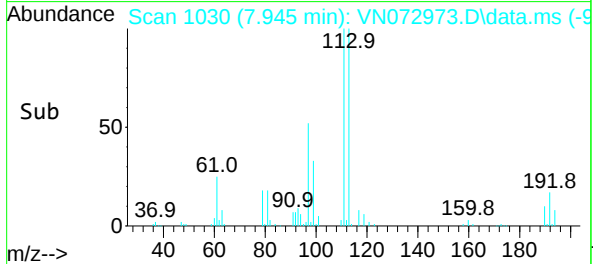
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



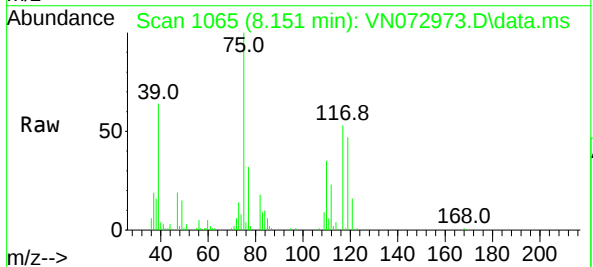
Tgt Ion: 113 Resp: 158754
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.9 17.0 25.6

Manual Integrations
APPROVED

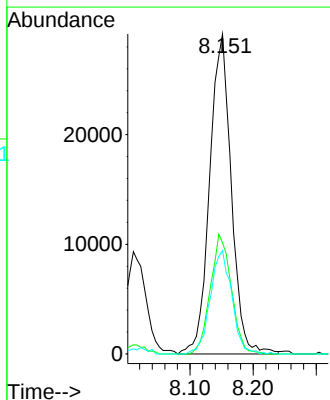
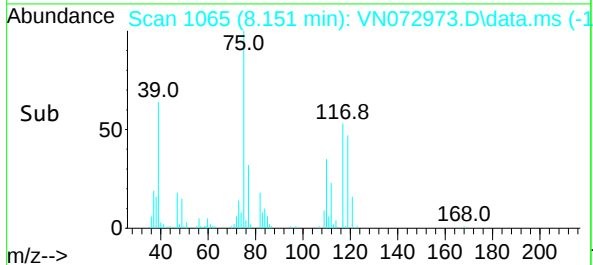
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

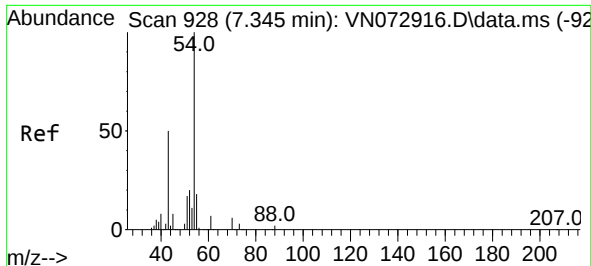


#36
1,1-Dichloropropene
Concen: 17.210 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



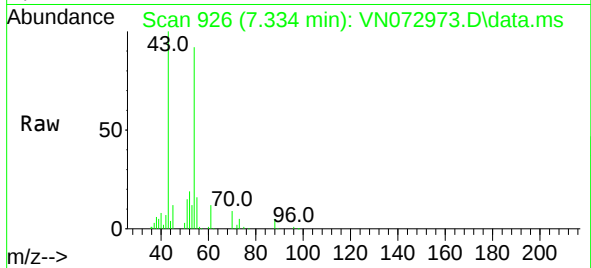
Tgt Ion: 75 Resp: 69434
Ion Ratio Lower Upper
75 100
110 36.3 18.3 54.8
77 32.2 25.1 37.7





#37
Ethyl Acetate
Concen: 20.255 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

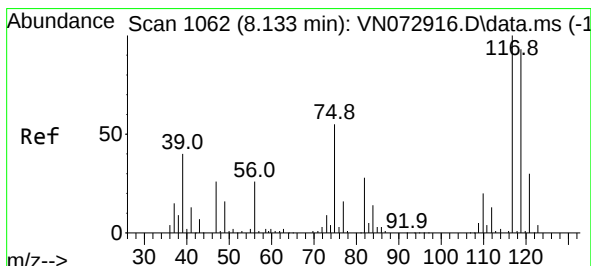
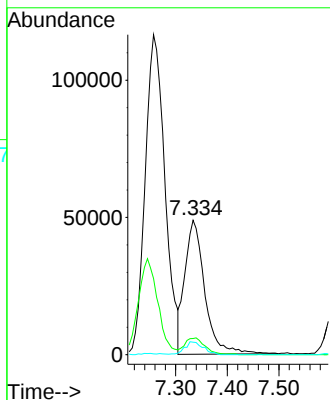
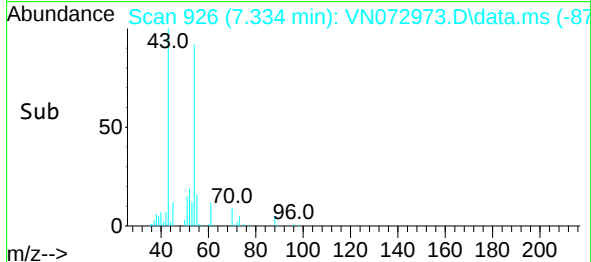
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 43 Resp: 130712
Ion Ratio Lower Upper
43 100
61 12.0 11.8 17.6
70 9.0 9.3 13.9

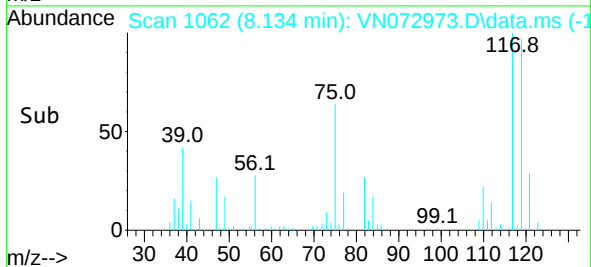
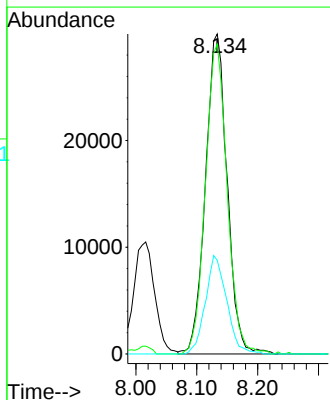
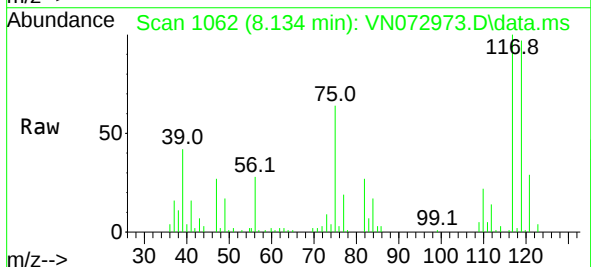
Manual Integrations
APPROVED

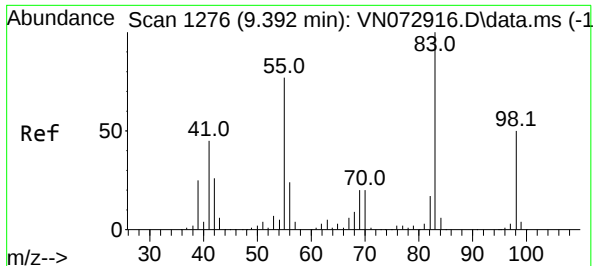
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#38
Carbon Tetrachloride
Concen: 17.506 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

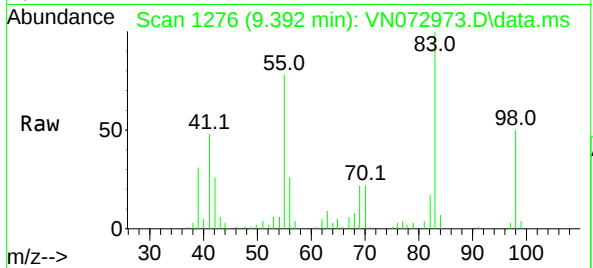
Tgt Ion:117 Resp: 74294
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
121 29.3 24.6 37.0





#39
Methylcyclohexane
Concen: 14.903 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

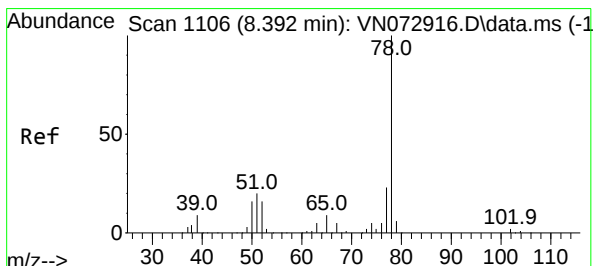
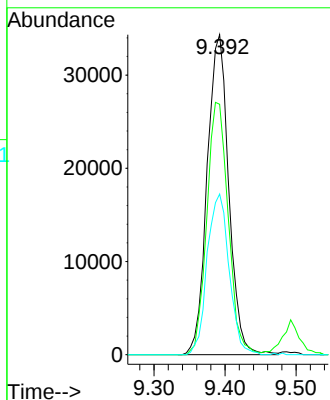
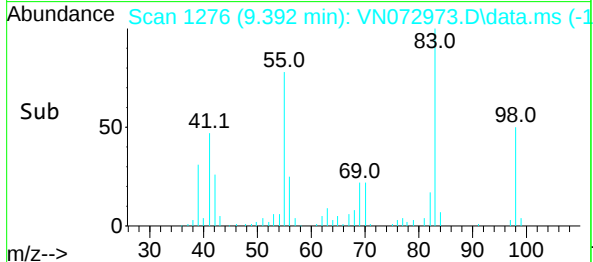
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



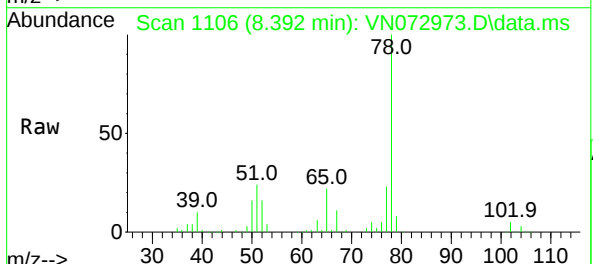
Tgt Ion: 83 Resp: 72475
Ion Ratio Lower Upper
83 100
55 78.2 57.8 86.8
98 50.2 39.4 59.2

Manual Integrations
APPROVED

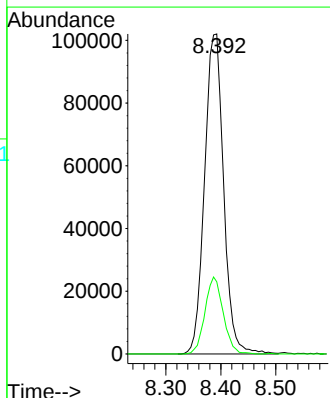
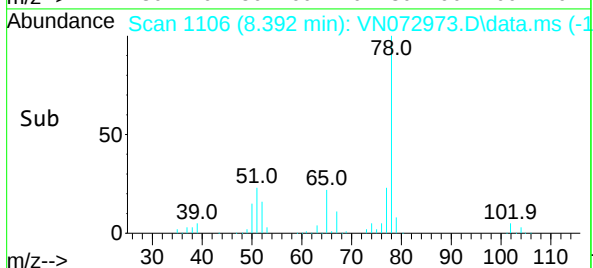
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

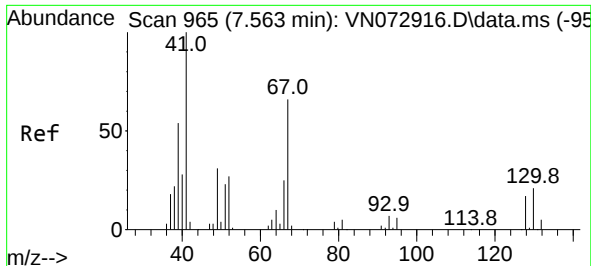


#40
Benzene
Concen: 19.399 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



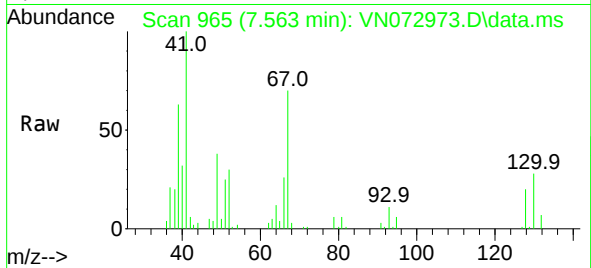
Tgt Ion: 78 Resp: 245976
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0





#41
Methacrylonitrile
Concen: 20.220 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

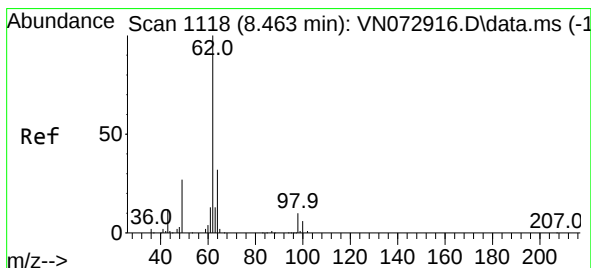
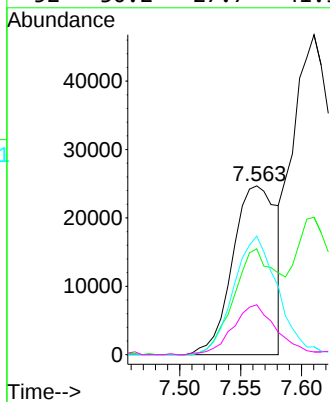
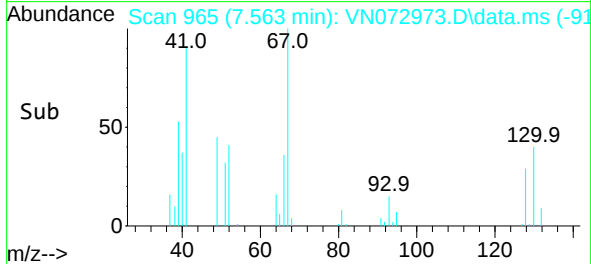
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



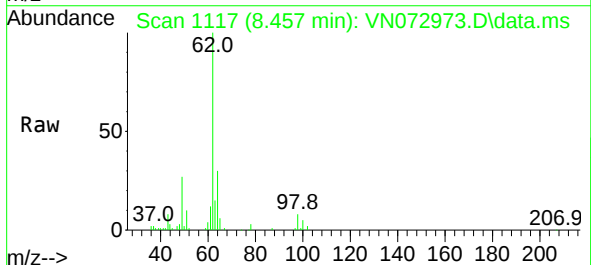
Tgt Ion: 41 Resp: 61878
Ion Ratio Lower Upper
41 100
39 64.8 48.6 73.0
67 71.9 73.4 110.2
52 30.2 27.7 41.5

Manual Integrations
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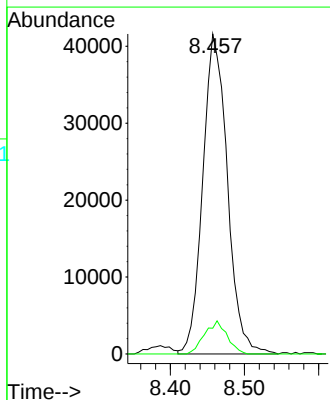
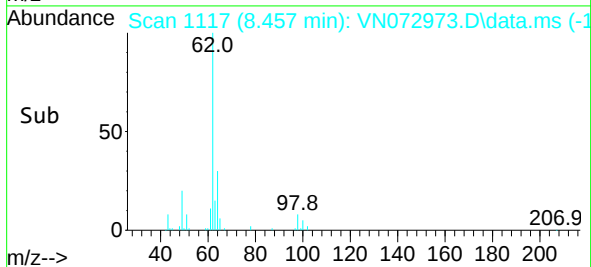
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

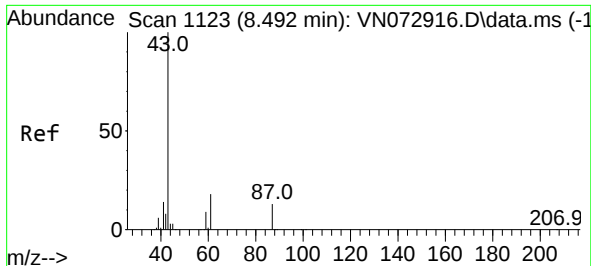


#42
1,2-Dichloroethane
Concen: 21.304 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



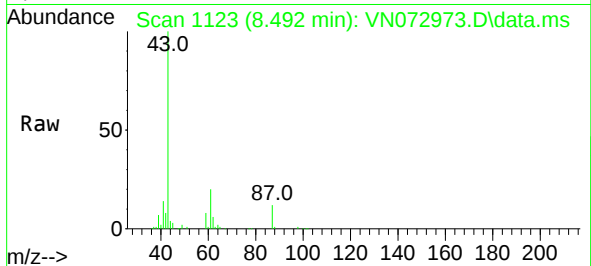
Tgt Ion: 62 Resp: 95944
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.232 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

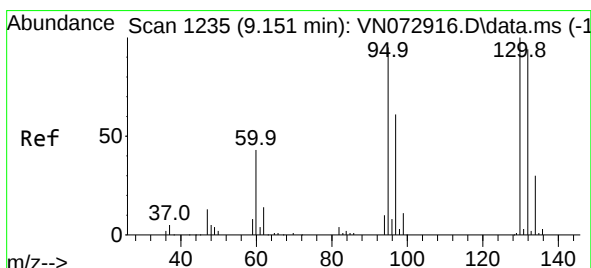
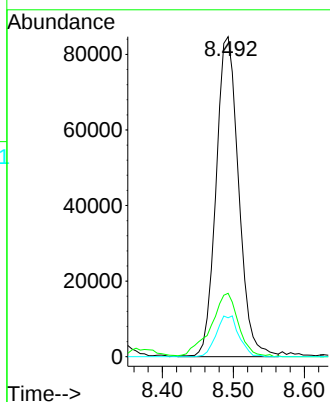
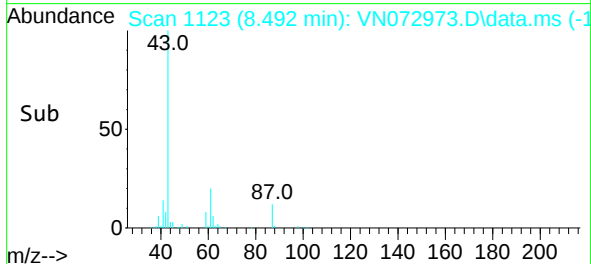
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



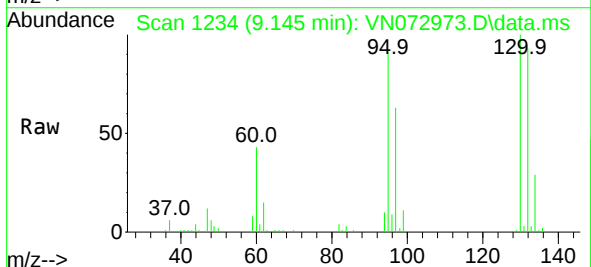
Tgt Ion: 43 Resp: 186630
Ion Ratio Lower Upper
43 100
61 24.3 21.9 32.9
87 12.8 12.0 18.0

Manual Integrations
APPROVED

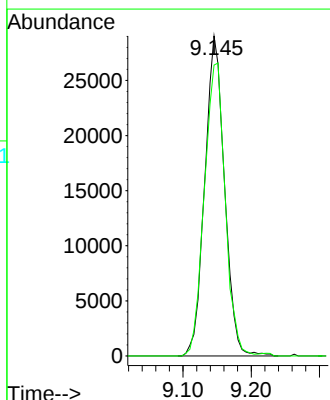
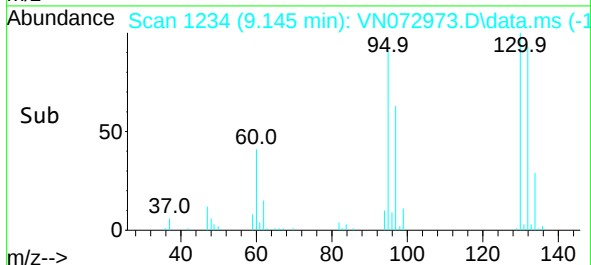
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

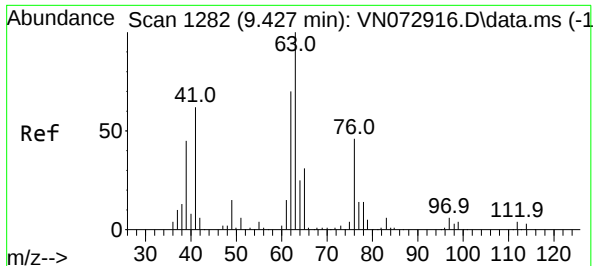


#44
Trichloroethene
Concen: 18.223 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion:130 Resp: 58556
Ion Ratio Lower Upper
130 100
95 90.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.418 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

Tgt Ion: 63 Resp: 6617

Ion Ratio Lower Upper

63 100

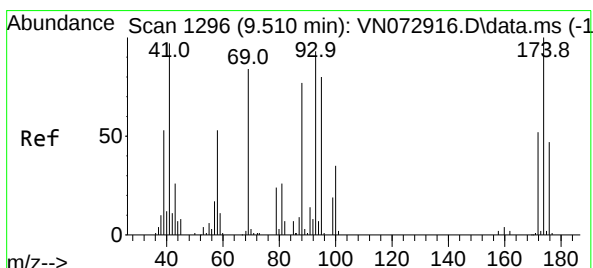
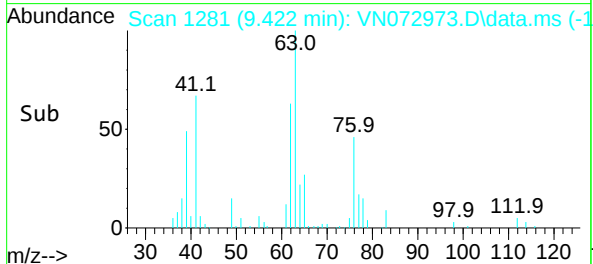
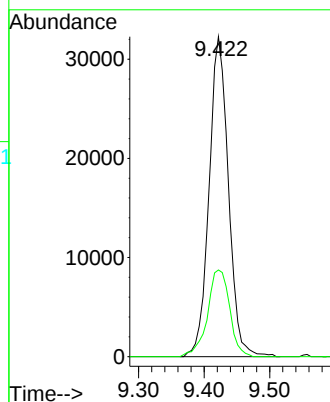
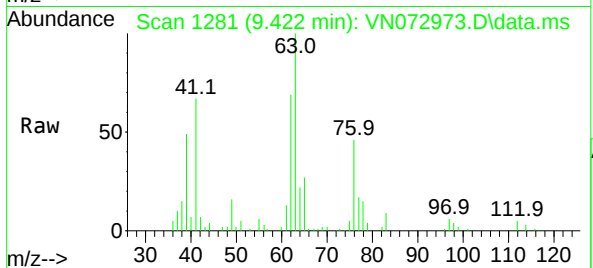
65 27.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#46

Dibromomethane

Concen: 20.278 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

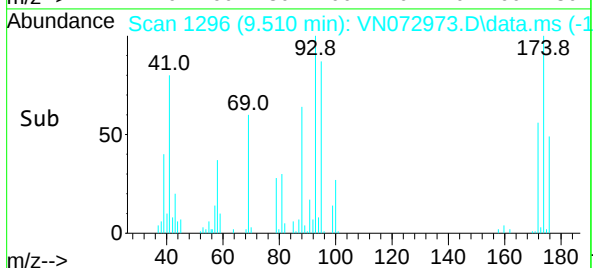
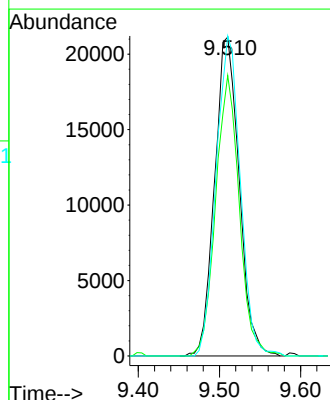
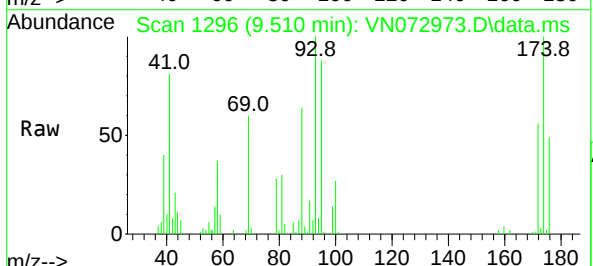
Tgt Ion: 93 Resp: 44440

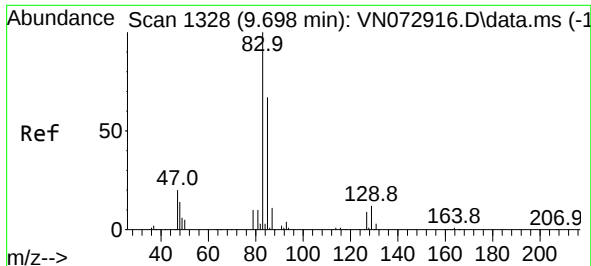
Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

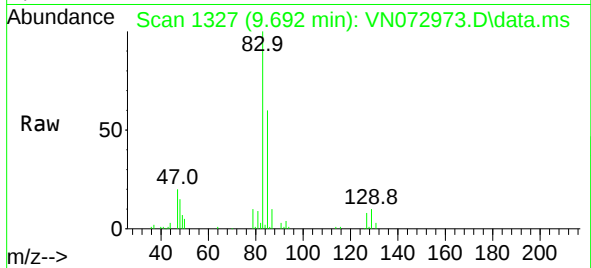
174 98.8 86.6 130.0





#47
Bromodichloromethane
Concen: 20.971 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

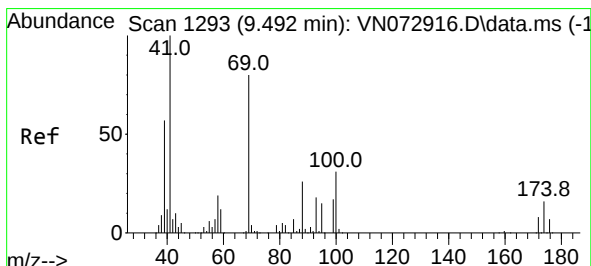
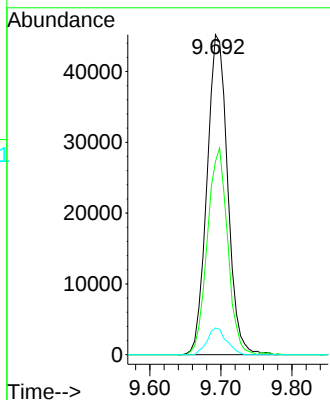
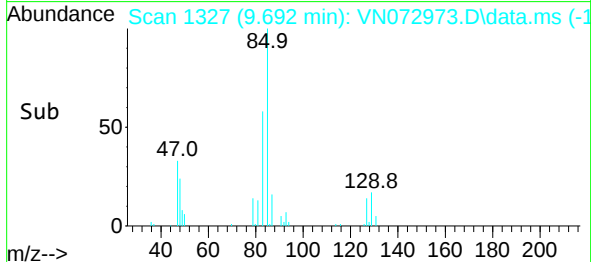
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 83 Resp: 91338
Ion Ratio Lower Upper
83 100
85 60.4 50.5 75.7
127 8.3 6.8 10.2

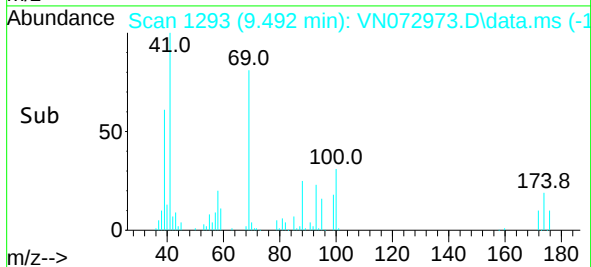
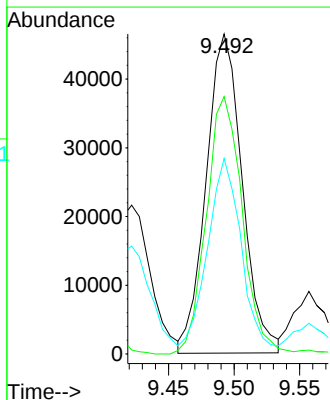
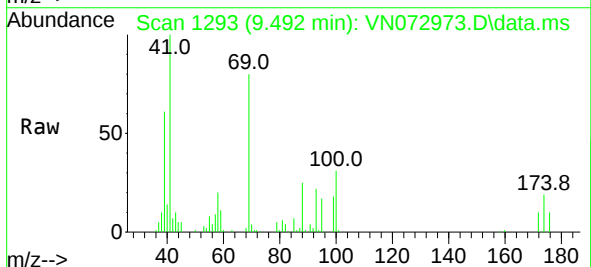
Manual Integrations
APPROVED

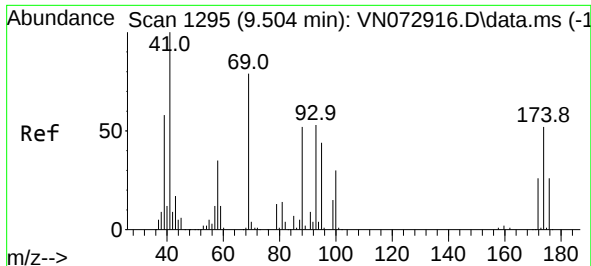
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#48
Methyl methacrylate
Concen: 21.067 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

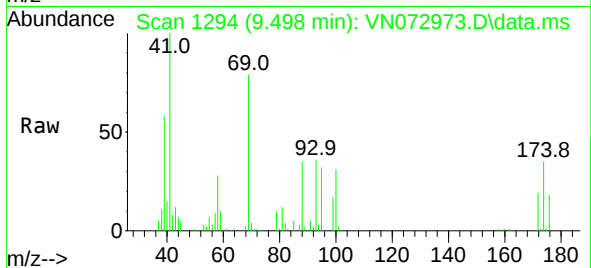
Tgt Ion: 41 Resp: 88729
Ion Ratio Lower Upper
41 100
69 80.1 74.7 112.1
39 57.8 45.6 68.4





#49
1,4-Dioxane
Concen: 345.546 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

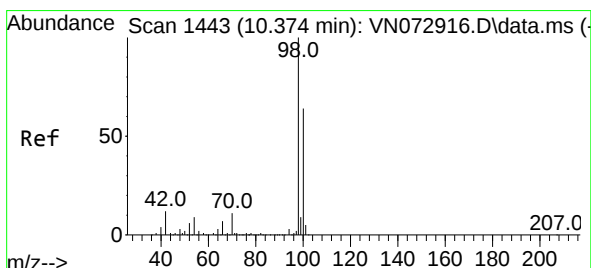
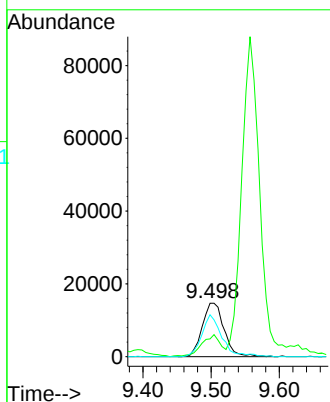
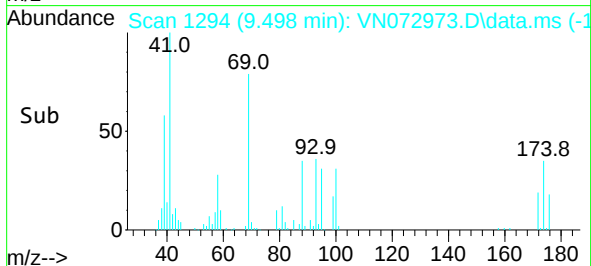
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



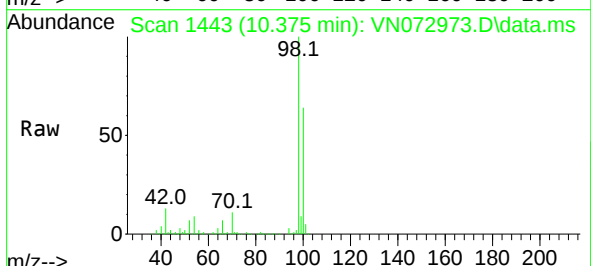
Tgt Ion: 88 Resp: 32740
Ion Ratio Lower Upper
88 100
43 36.4 20.2 30.4
58 72.5 54.2 81.4

Manual Integrations
APPROVED

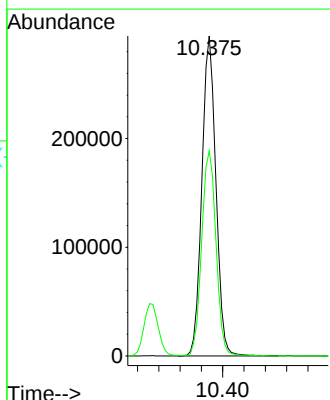
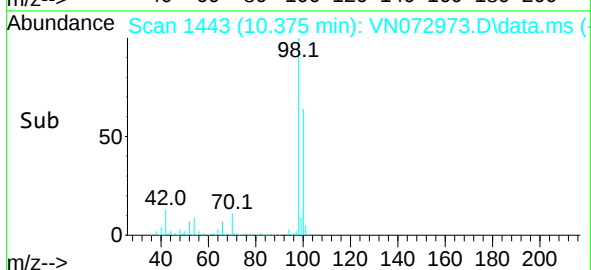
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 48.408 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



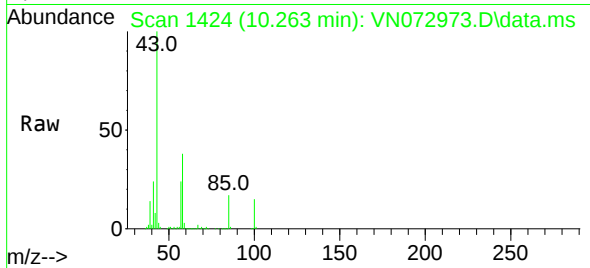
Tgt Ion: 98 Resp: 537089
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 100.726 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

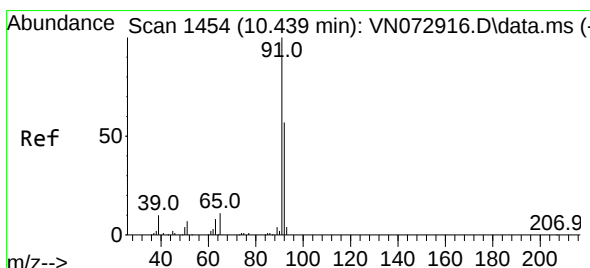
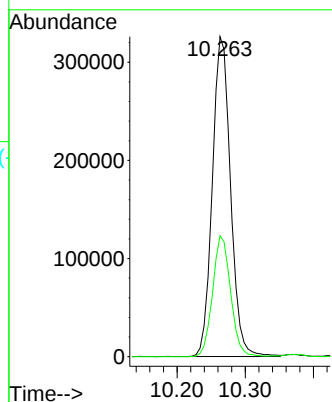
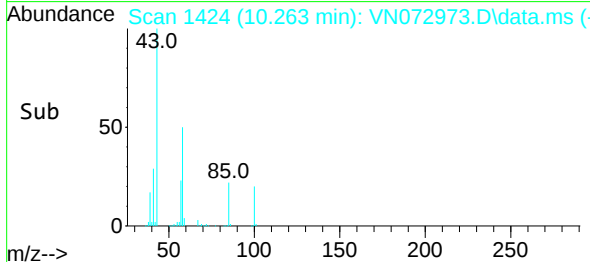
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 43 Resp: 605920
Ion Ratio Lower Upper
43 100
58 37.4 34.1 51.1

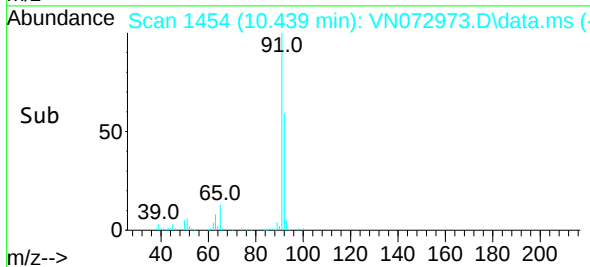
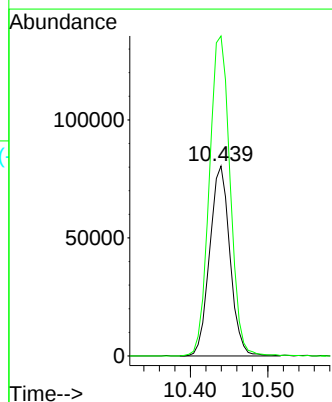
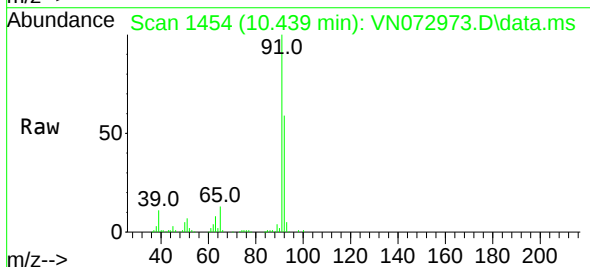
Manual Integrations
APPROVED

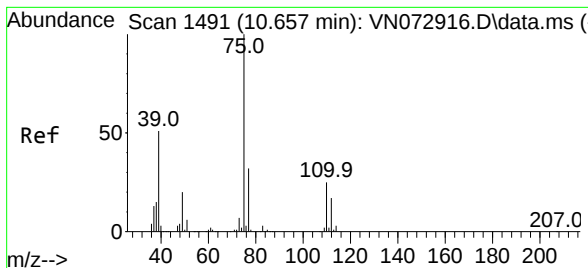
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#52
Toluene
Concen: 18.734 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

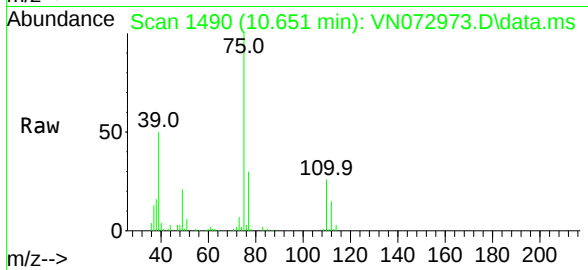
Tgt Ion: 92 Resp: 145836
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.413 ug/l
RT: 10.651 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

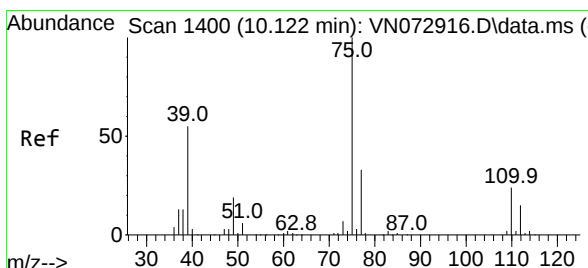
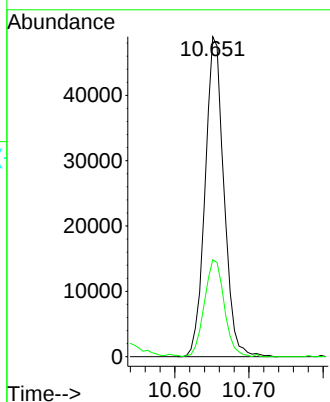
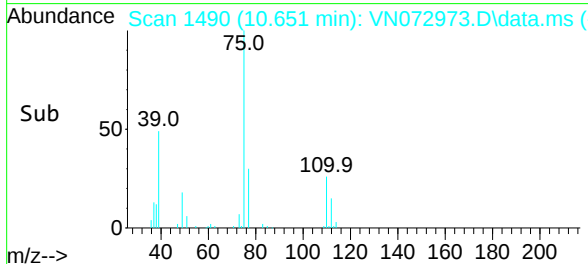
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 75 Resp: 86240
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

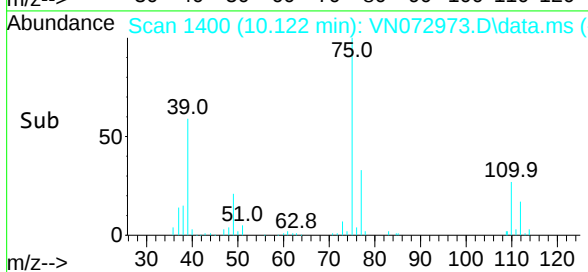
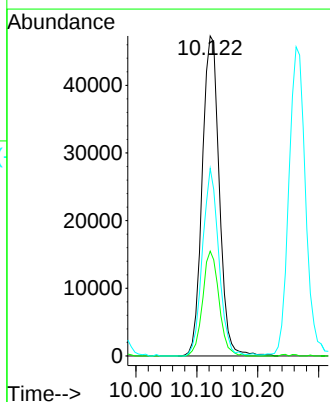
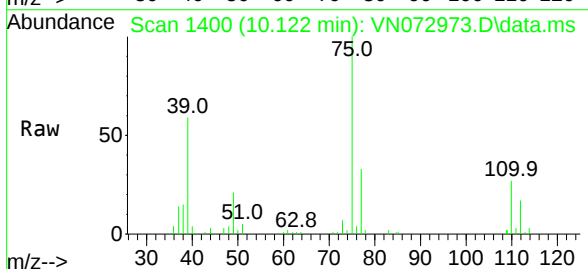
Manual Integrations
APPROVED

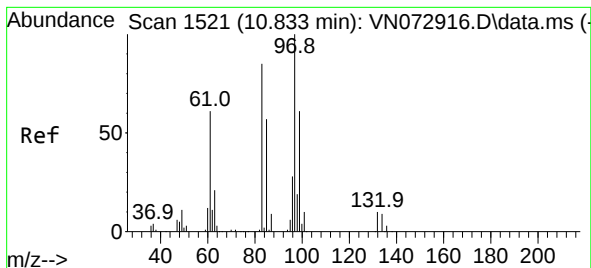
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#54
cis-1,3-Dichloropropene
Concen: 18.038 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

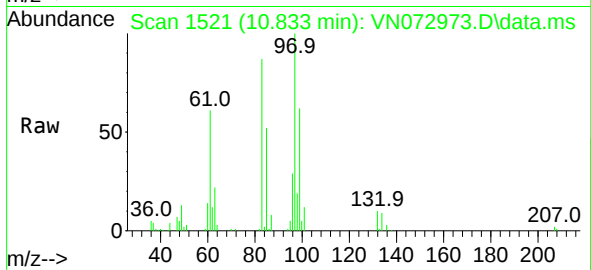
Tgt Ion: 75 Resp: 92287
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 58.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 19.417 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

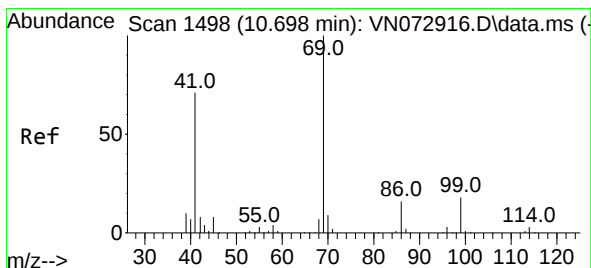
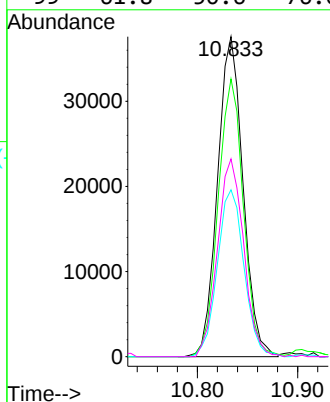
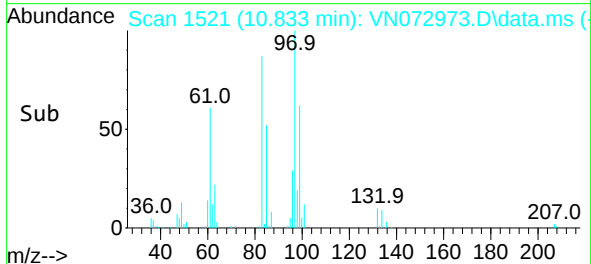
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



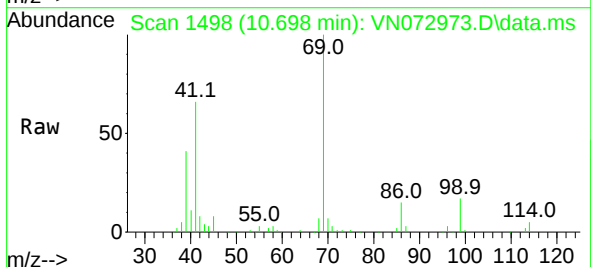
Tgt Ion:	97	Resp:	66370
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.2	99.4
85	52.1	43.9	65.9
99	61.8	50.6	76.0

Manual Integrations
APPROVED

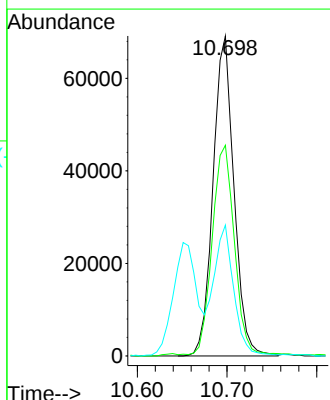
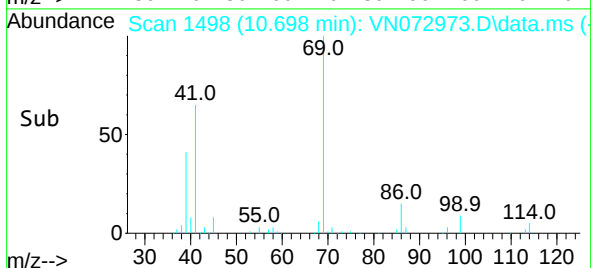
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

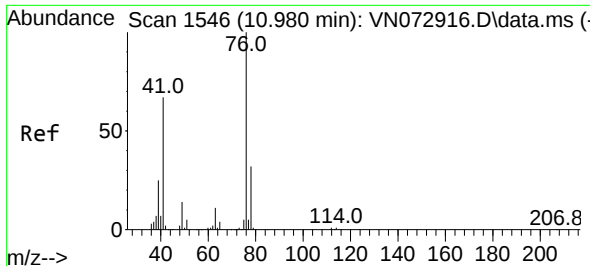


#56
Ethyl methacrylate
Concen: 20.402 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion:	69	Resp:	111778
Ion	Ratio	Lower	Upper
69	100		
41	69.3	47.8	71.6
39	38.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.038 ug/l

RT: 10.981 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072973.D

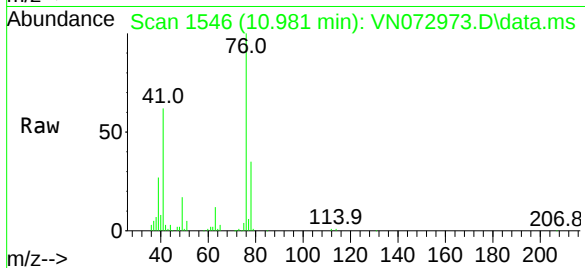
Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01



Tgt Ion: 76 Resp: 113629

Ion Ratio Lower Upper

76 100

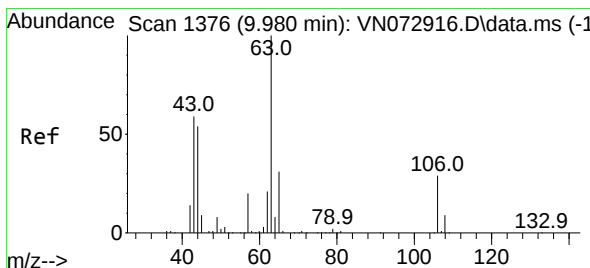
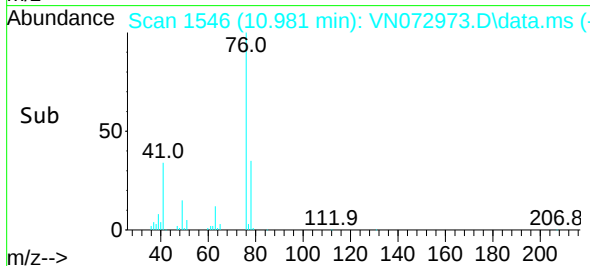
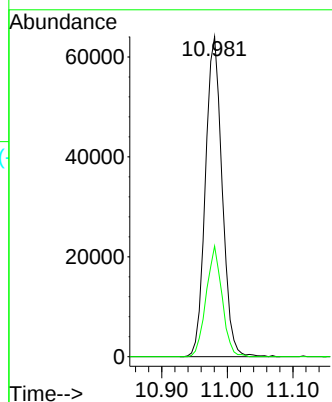
78 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.975 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN072973.D

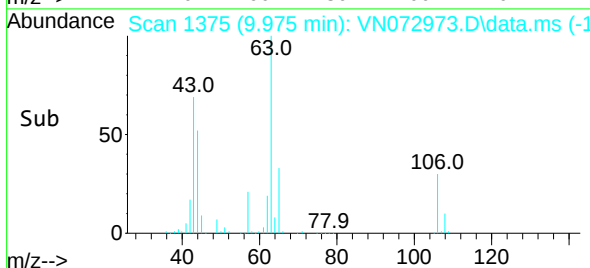
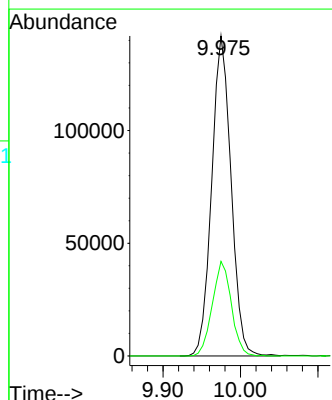
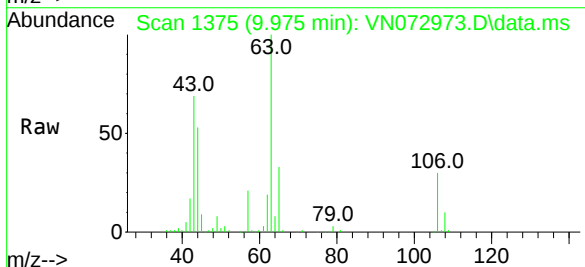
Acq: 21 Jun 2022 10:52

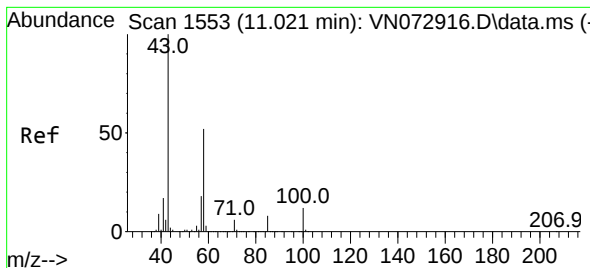
Tgt Ion: 63 Resp: 246656

Ion Ratio Lower Upper

63 100

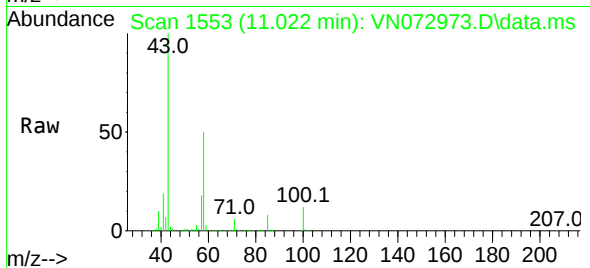
106 29.0 24.6 36.8





#59
2-Hexanone
Concen: 97.300 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

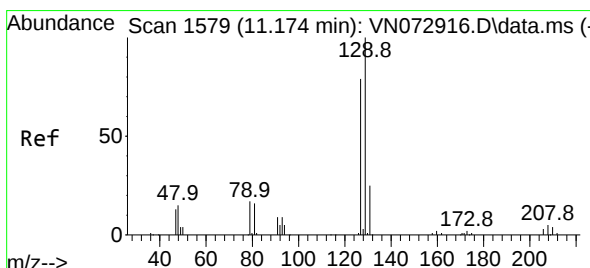
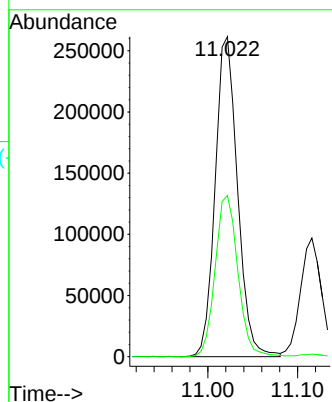
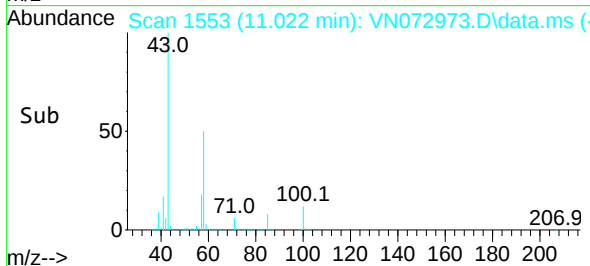
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



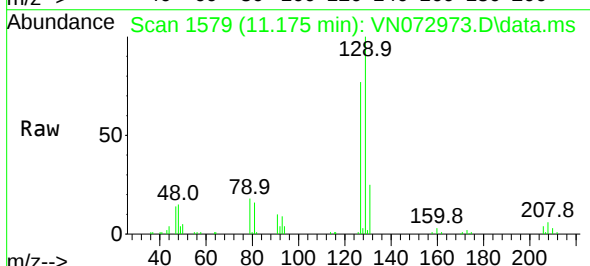
Tgt Ion: 43 Resp: 45270
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1

Manual Integrations
APPROVED

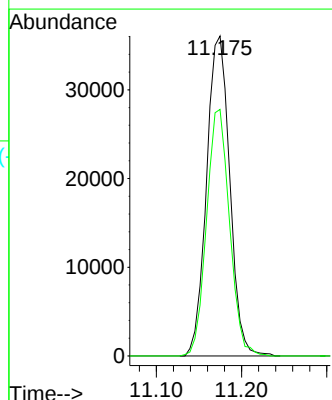
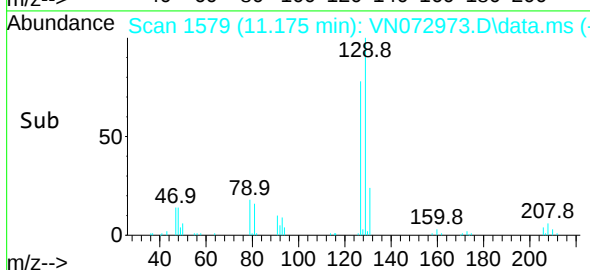
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

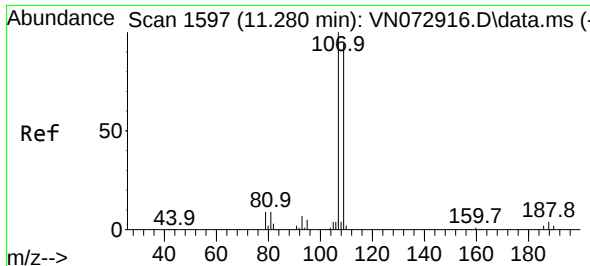


#60
Dibromochloromethane
Concen: 21.123 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



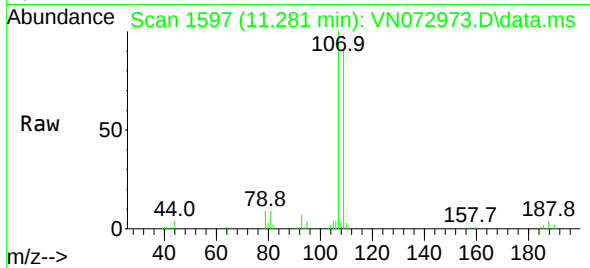
Tgt Ion:129 Resp: 68237
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.746 ug/l
RT: 11.281 min Scan# 11280
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

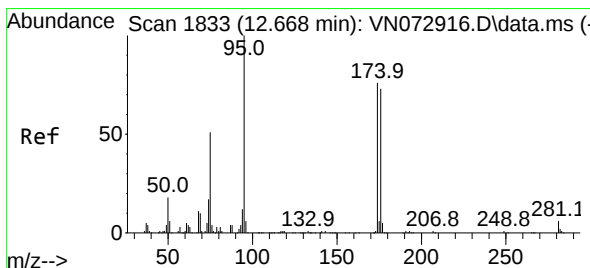
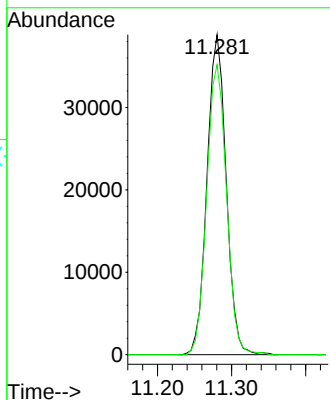
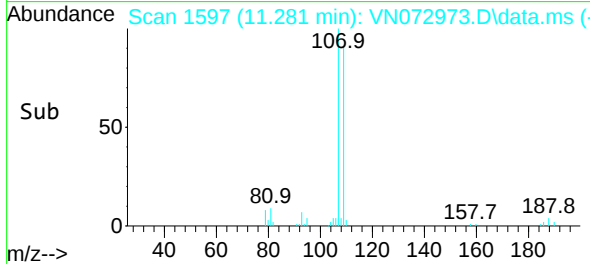
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



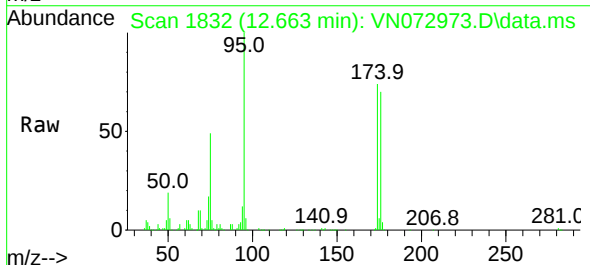
Tgt Ion:107 Resp: 69900
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6

Manual Integrations
APPROVED

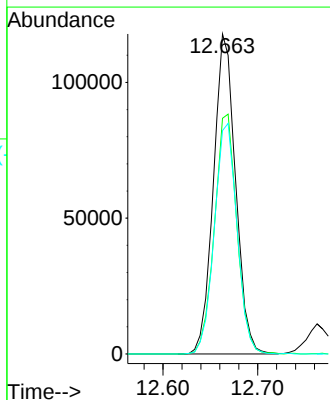
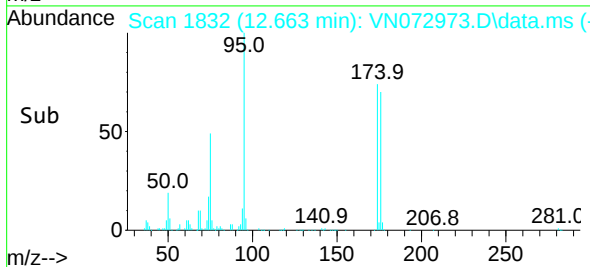
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

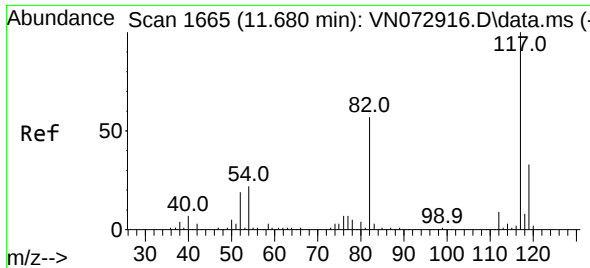


#62
4-Bromofluorobenzene
Concen: 47.842 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



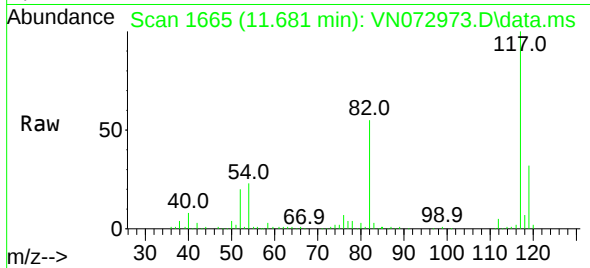
Tgt Ion: 95 Resp: 190871
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 73.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

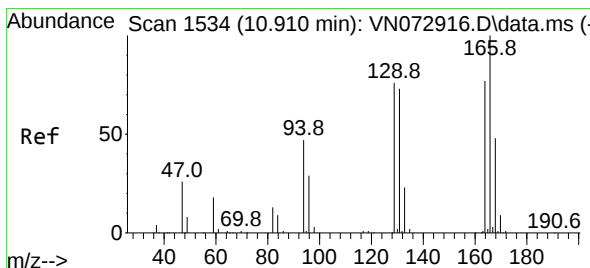
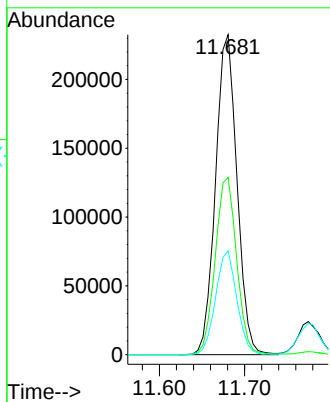
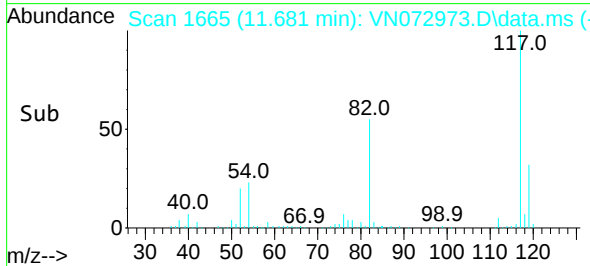
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion:117 Resp: 407818
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.4 25.4 38.0

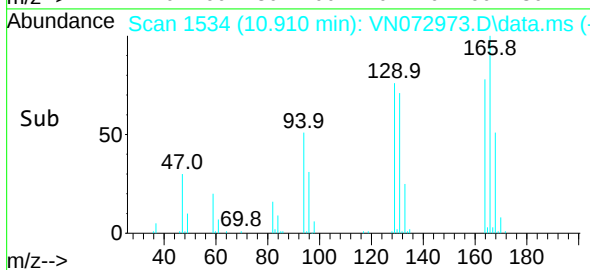
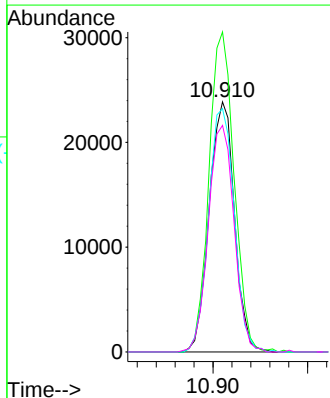
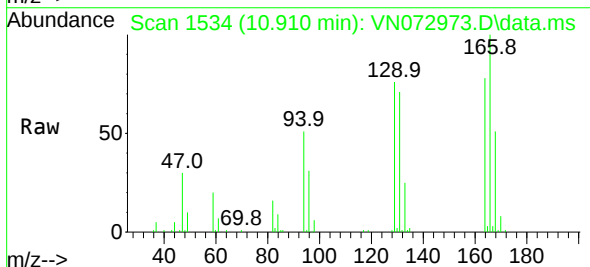
Manual Integrations
APPROVED

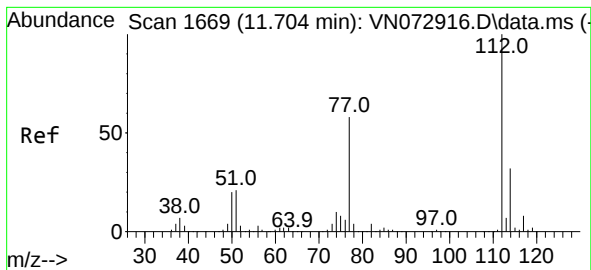
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#64
Tetrachloroethene
Concen: 17.855 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

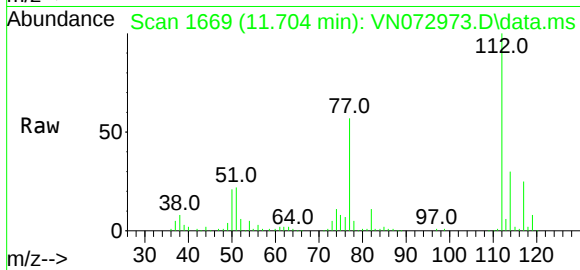
Tgt Ion:164 Resp: 44298
Ion Ratio Lower Upper
164 100
166 128.0 104.2 156.2
129 97.4 73.9 110.9
131 90.6 69.4 104.2





#65
Chlorobenzene
Concen: 18.953 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

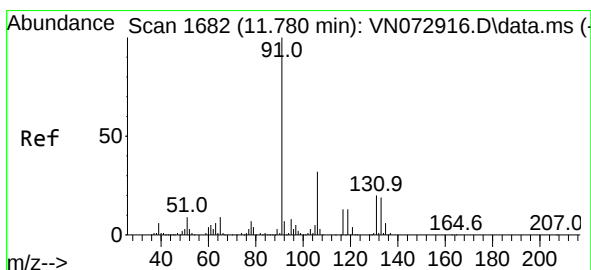
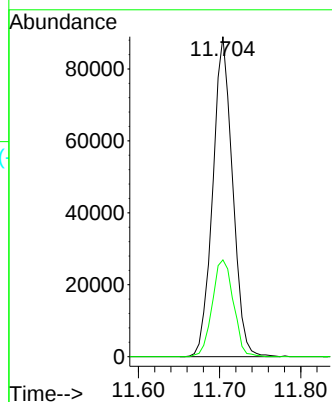
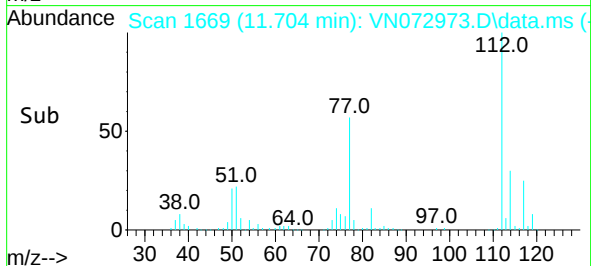
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



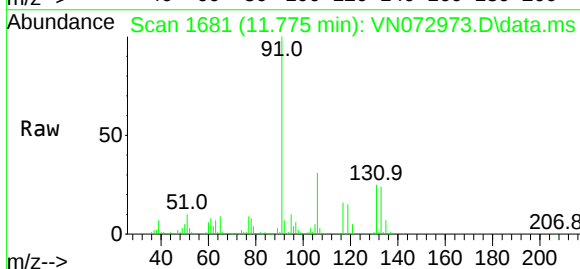
Tgt Ion:112 Resp: 150954
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

Manual Integrations
APPROVED

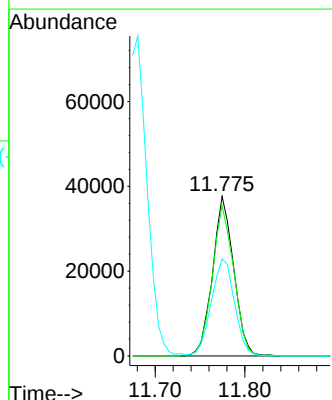
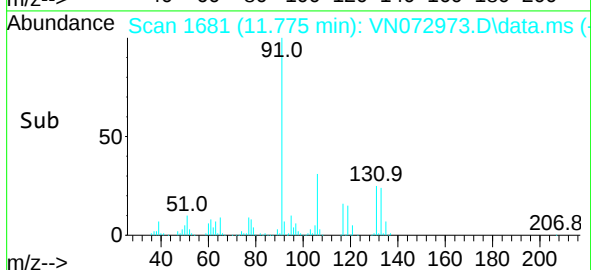
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.371 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



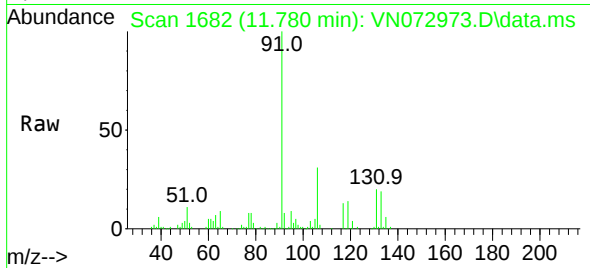
Tgt Ion:131 Resp: 61752
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 66.1 33.4 100.2





#67
Ethyl Benzene
Concen: 18.926 ug/l
RT: 11.780 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

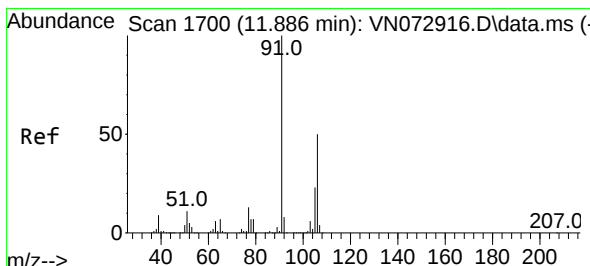
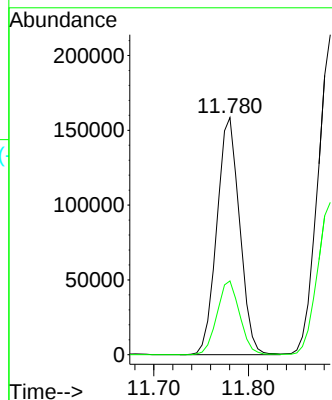
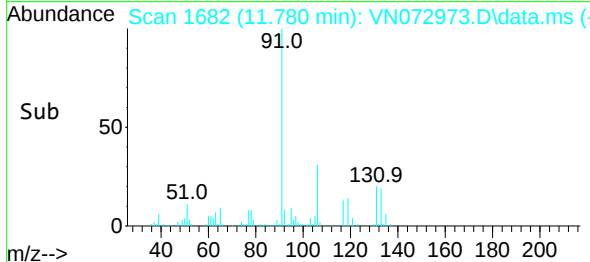
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



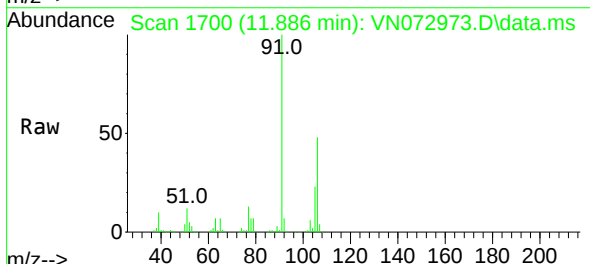
Tgt Ion: 91 Resp: 26535
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

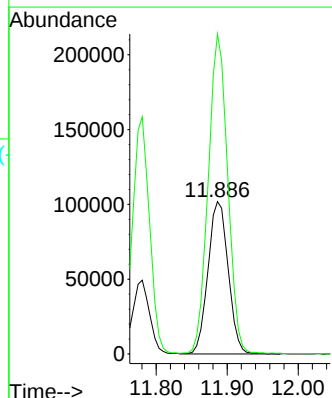
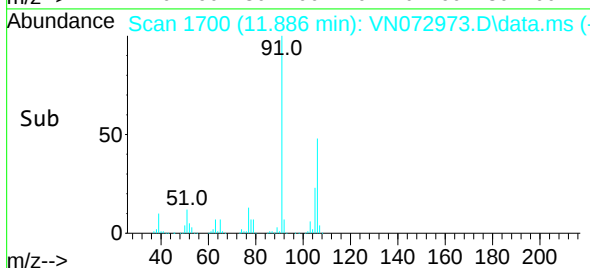
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

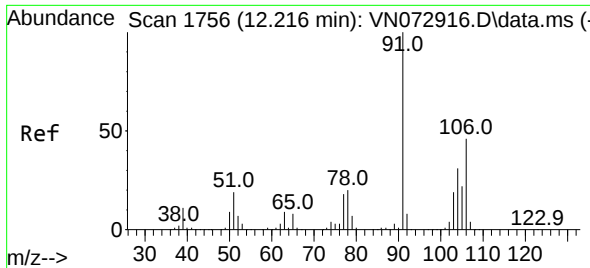


#68
m/p-Xylenes
Concen: 36.609 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion:106 Resp: 201315
Ion Ratio Lower Upper
106 100
91 202.2 158.9 238.3





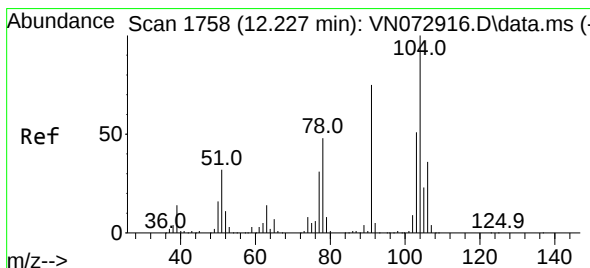
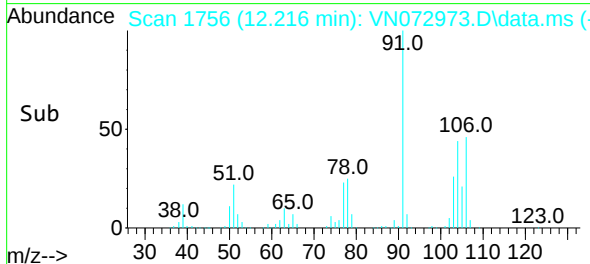
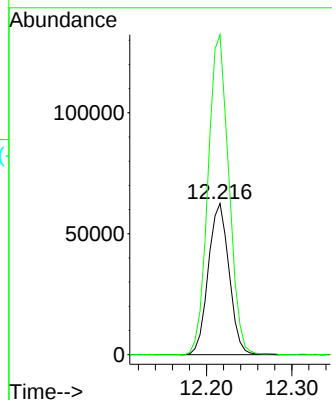
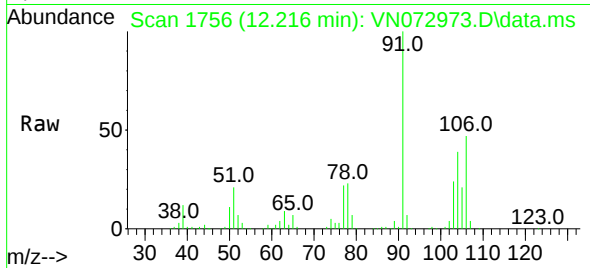
#69
o-Xylene
Concen: 19.248 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion:106 Resp: 105764
Ion Ratio Lower Upper
106 100
91 212.3 106.0 318.0

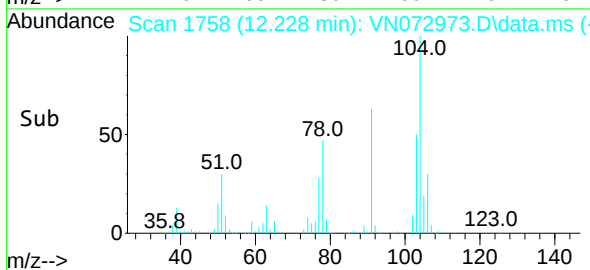
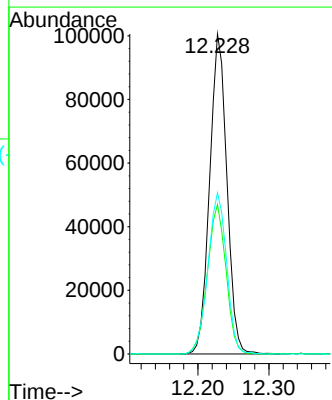
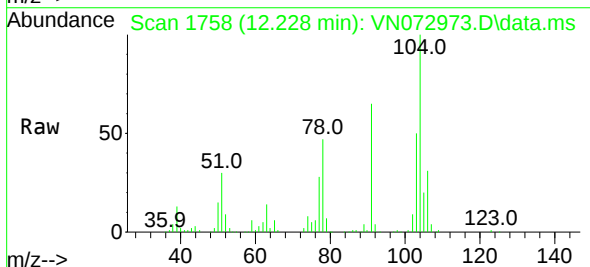
Manual Integrations
APPROVED

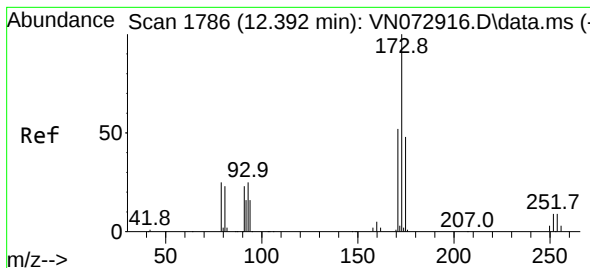
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#70
Styrene
Concen: 19.222 ug/l
RT: 12.228 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion:104 Resp: 169617
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 54.6 44.0 66.0





#71

Bromoform

Concen: 20.515 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

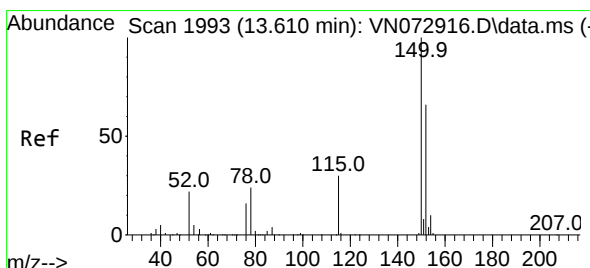
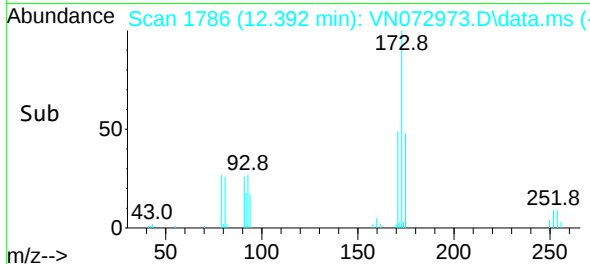
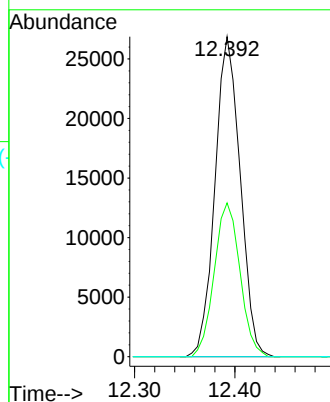
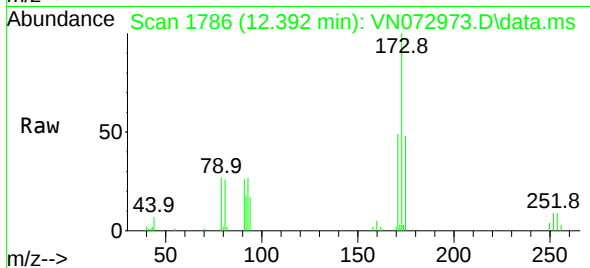
Tgt Ion:173 Resp: 46889
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.6 73.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

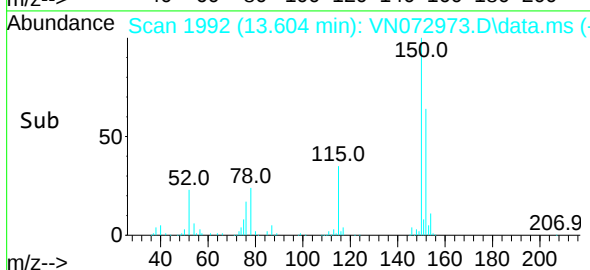
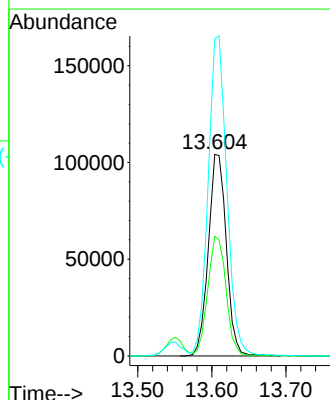
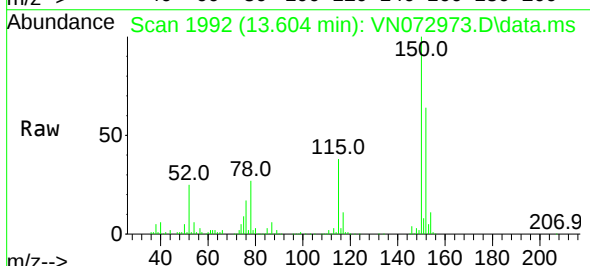
RT: 13.604 min Scan# 1992

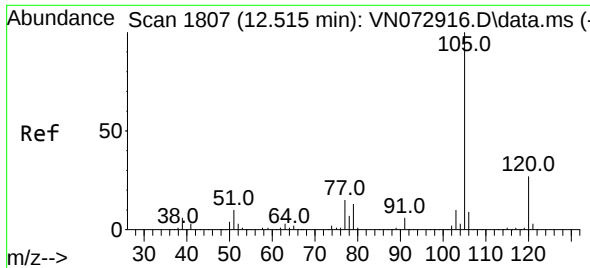
Delta R.T. -0.006 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

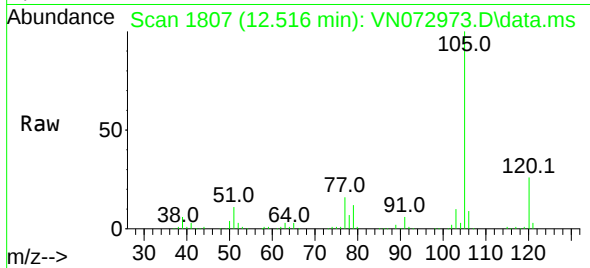
Tgt Ion:152 Resp: 175940
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.9 86.7
 150 165.2 0.0 356.2





#73
Isopropylbenzene
Concen: 18.817 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

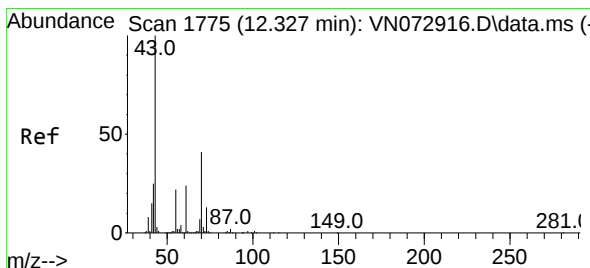
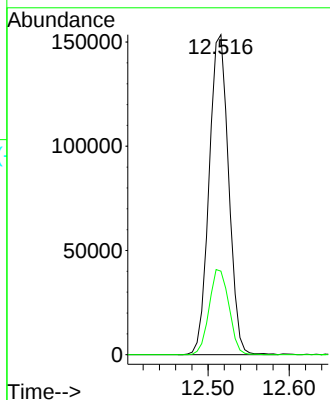
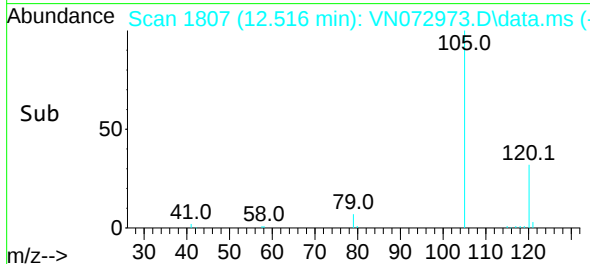
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



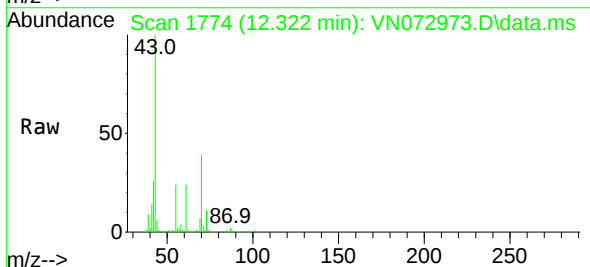
Tgt Ion:105 Resp: 25612
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

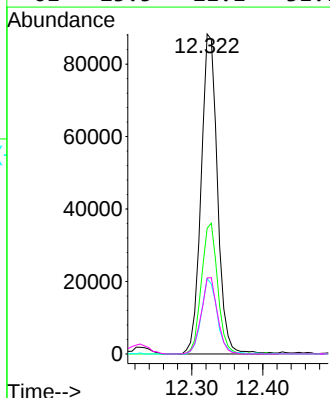
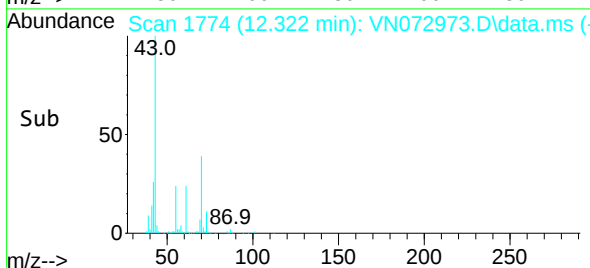
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

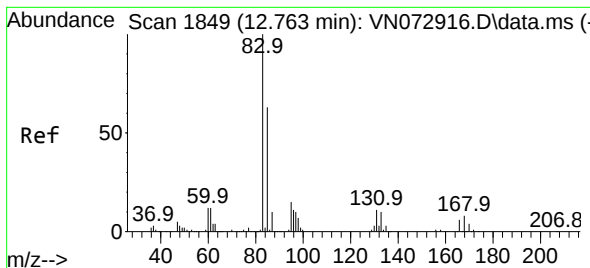


#74
N-ethyl acetate
Concen: 20.066 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



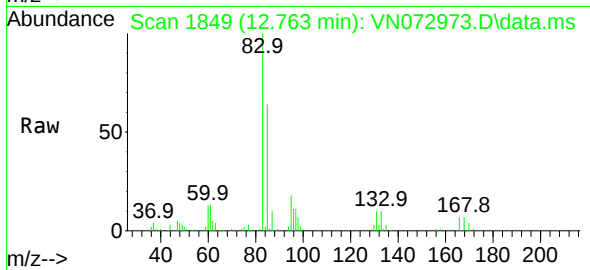
Tgt Ion: 43 Resp: 141732
Ion Ratio Lower Upper
43 100
70 40.4 39.0 58.4
55 22.9 21.1 31.7
61 23.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.113 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

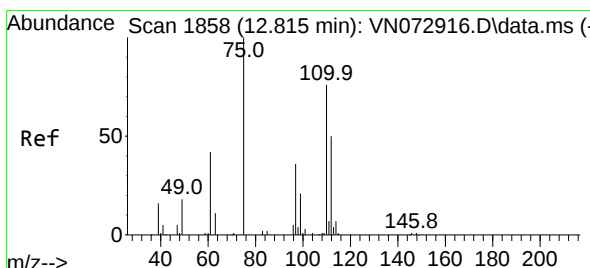
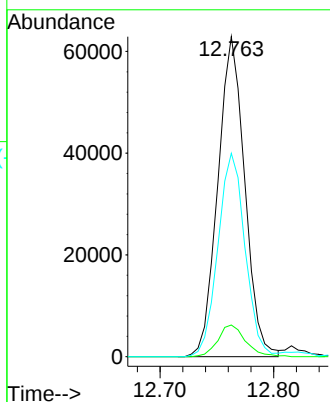
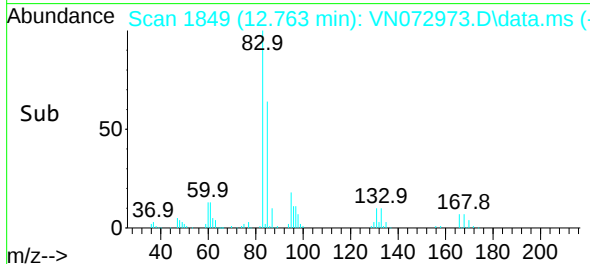
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



Tgt Ion: 83 Resp: 103495
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 64.1 32.3 96.9

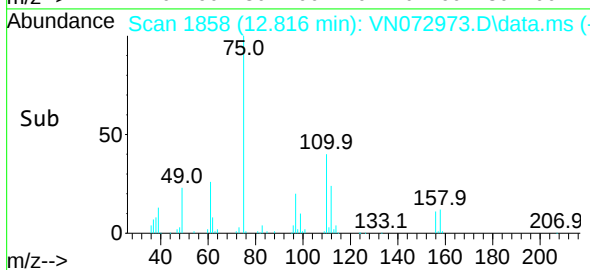
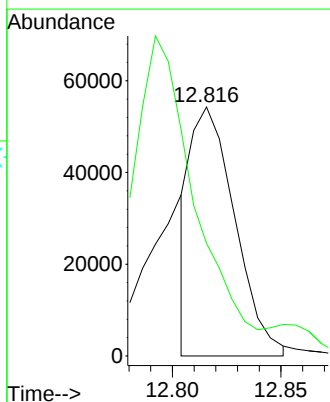
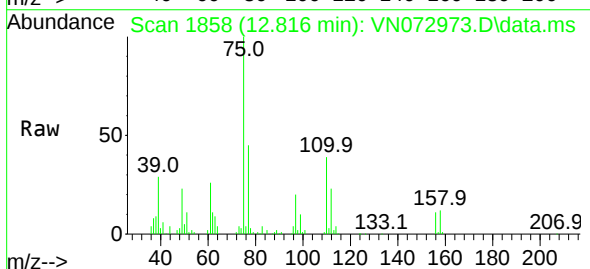
Manual Integrations
APPROVED

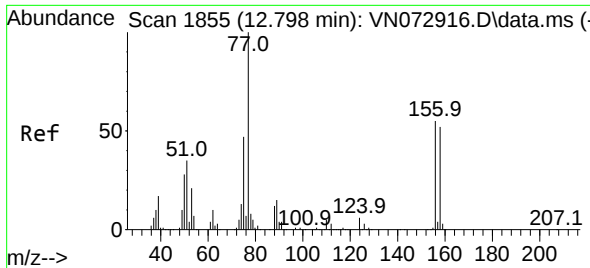
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 18.019 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

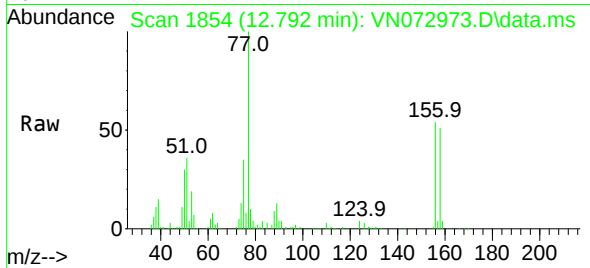
Tgt Ion: 75 Resp: 76862
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.696 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

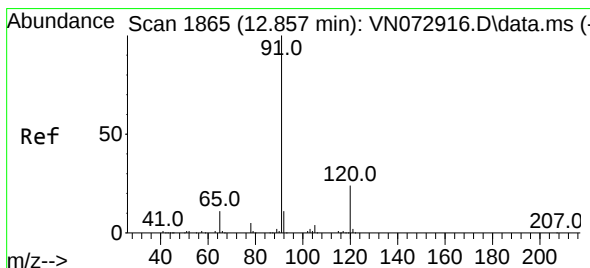
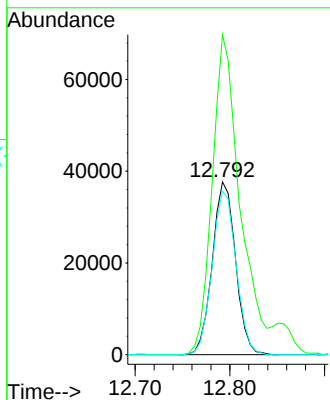
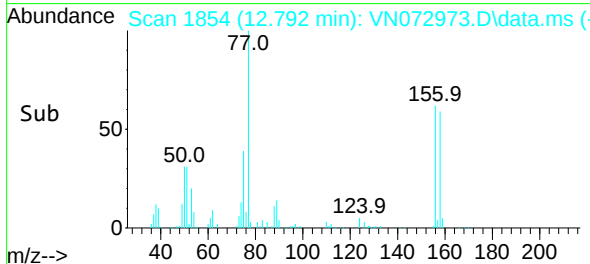
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



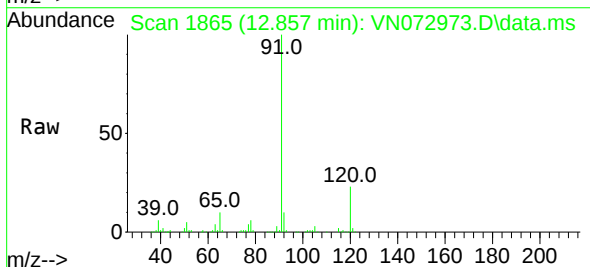
Tgt Ion:156 Resp: 6422
Ion Ratio Lower Upper
156 100
77 219.8 100.5 301.5
158 97.3 48.9 146.6

Manual Integrations
APPROVED

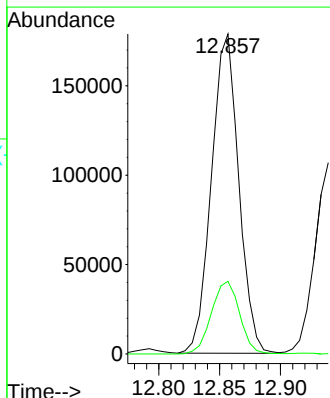
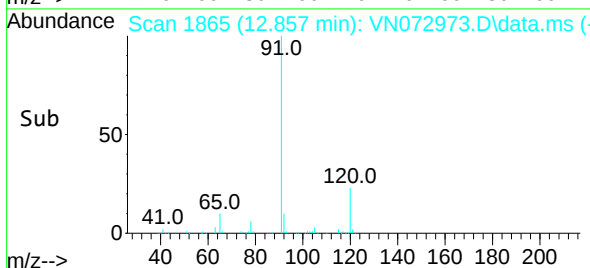
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

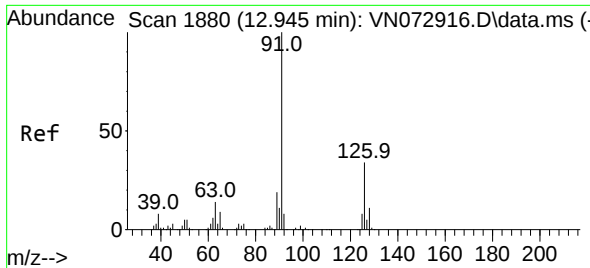


#78
n-propylbenzene
Concen: 18.604 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion: 91 Resp: 278525
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





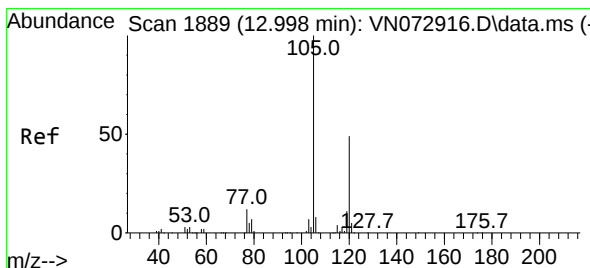
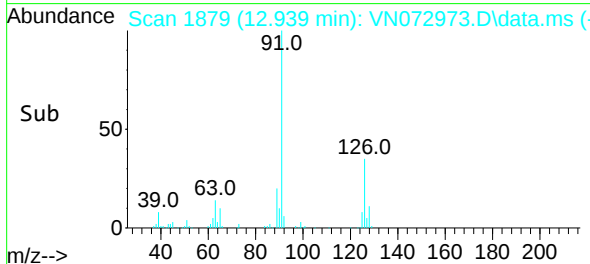
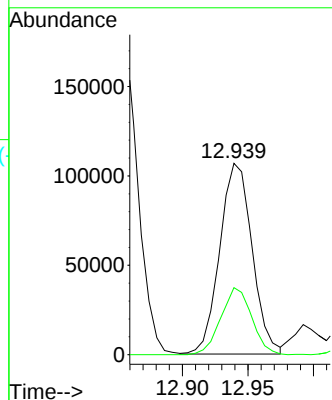
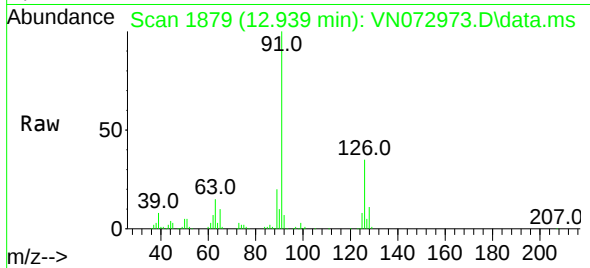
#79
2-Chlorotoluene
Concen: 18.917 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 91 Resp: 18339
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

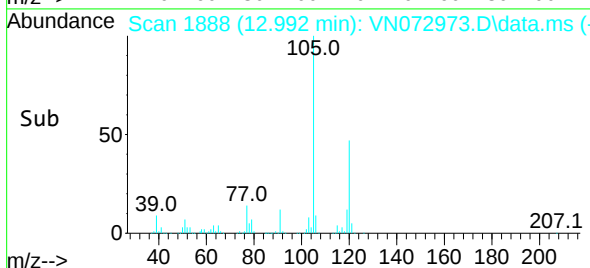
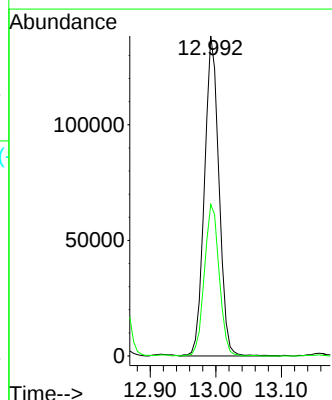
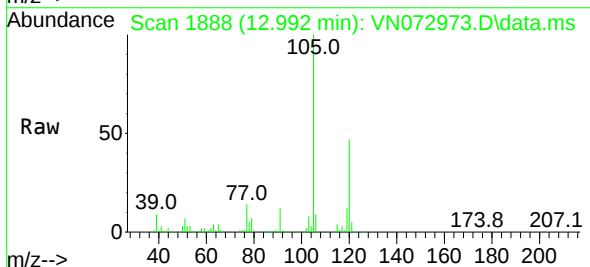
Manual Integrations
APPROVED

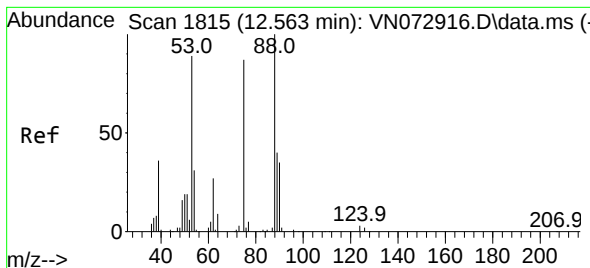
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.113 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

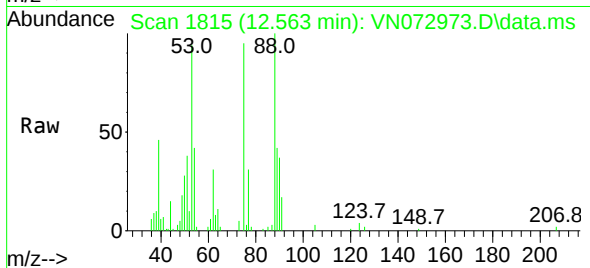
Tgt Ion:105 Resp: 213690
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.061 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

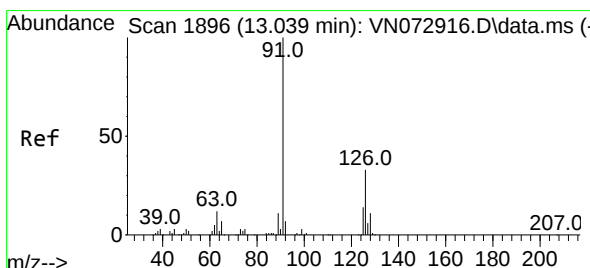
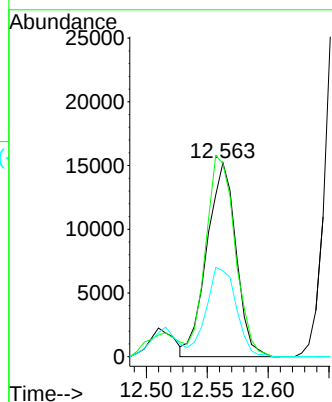
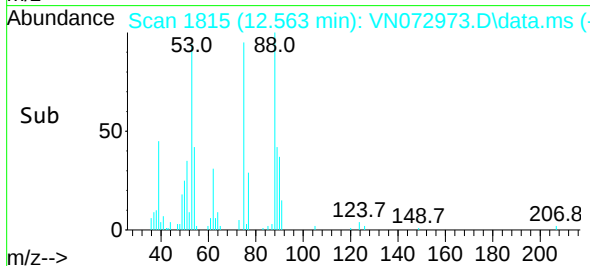
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



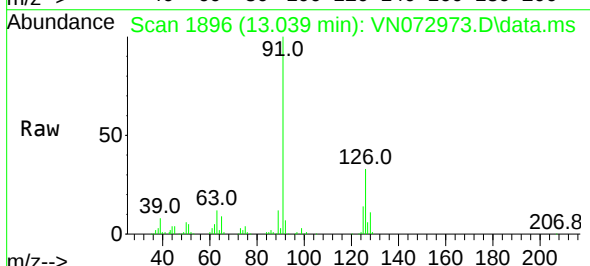
Tgt Ion: 75 Resp: 25368
Ion Ratio Lower Upper
75 100
53 103.9 78.0 117.0
89 47.1 37.2 55.8

Manual Integrations
APPROVED

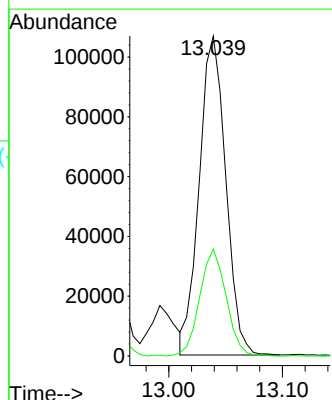
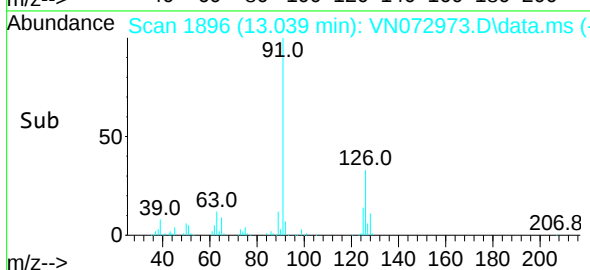
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

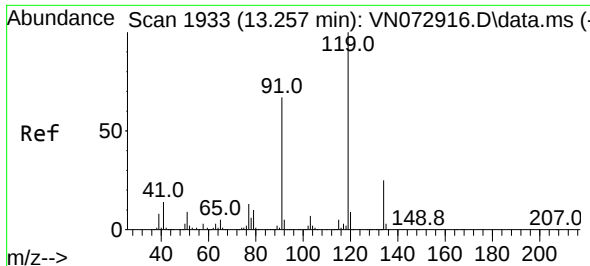


#82
4-Chlorotoluene
Concen: 18.842 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



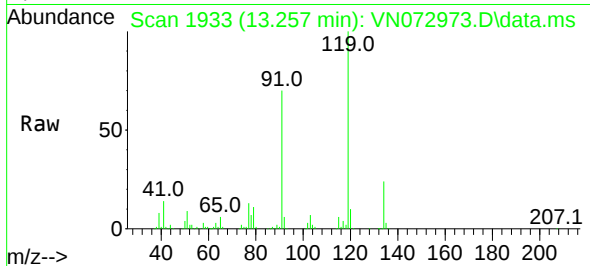
Tgt Ion: 91 Resp: 172829
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.398 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

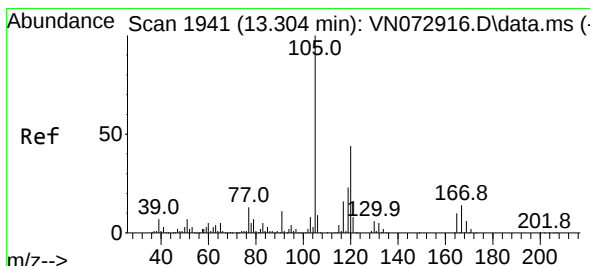
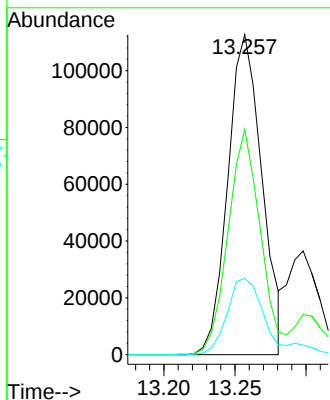
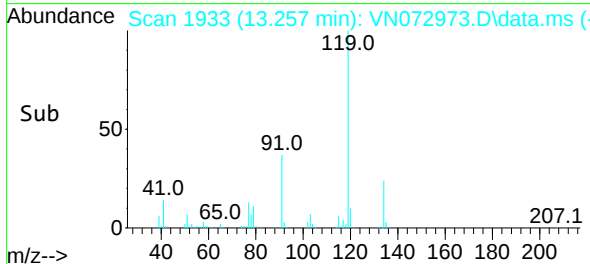
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



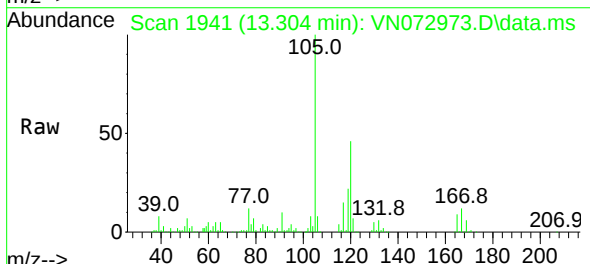
Tgt Ion:119 Resp: 18838
Ion Ratio Lower Upper
119 100
91 67.1 31.6 94.8
134 25.0 13.7 41.1

Manual Integrations
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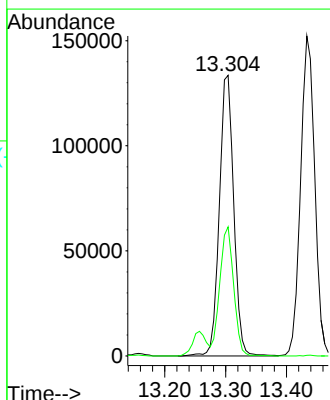
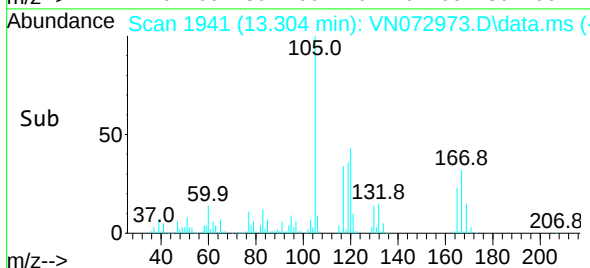
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

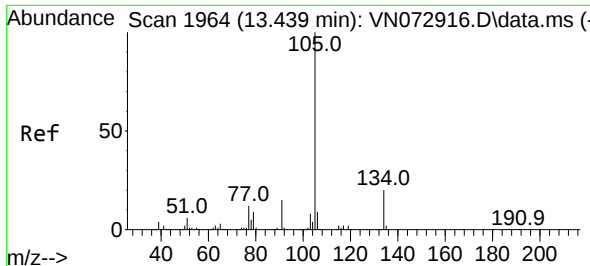


#84
1,2,4-Trimethylbenzene
Concen: 19.669 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



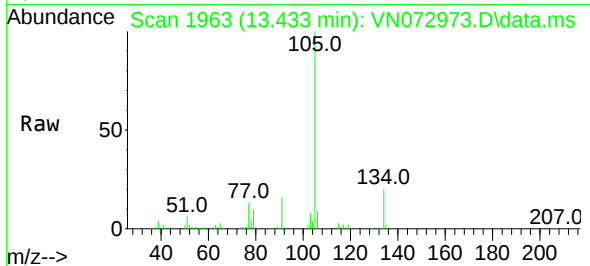
Tgt Ion:105 Resp: 219033
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 18.037 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52

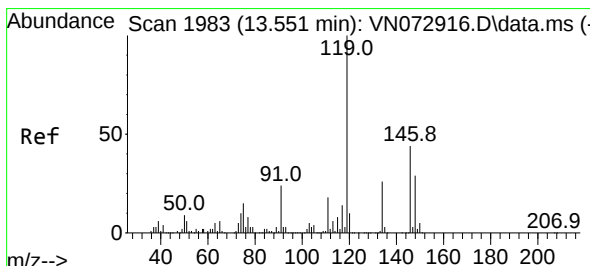
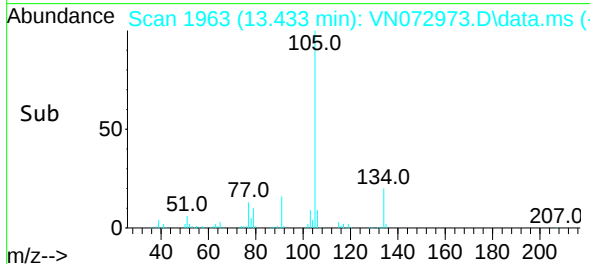
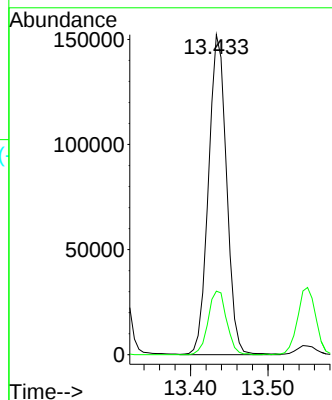
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01



Tgt Ion:105 Resp: 24638
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

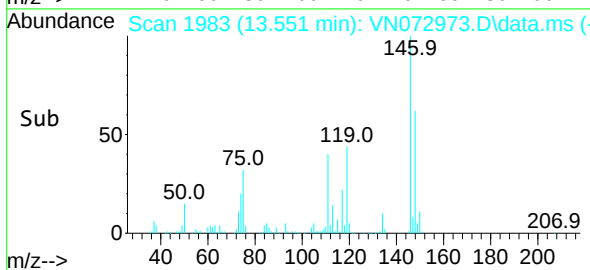
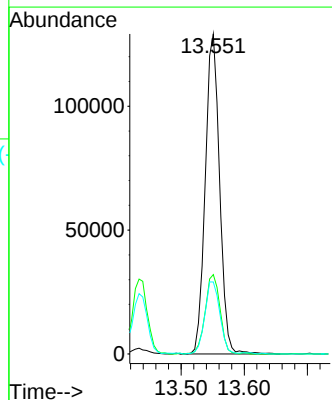
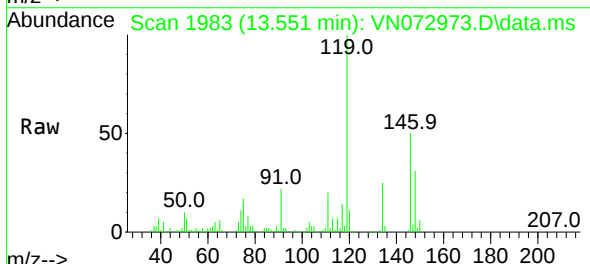
Manual Integrations
 APPROVED

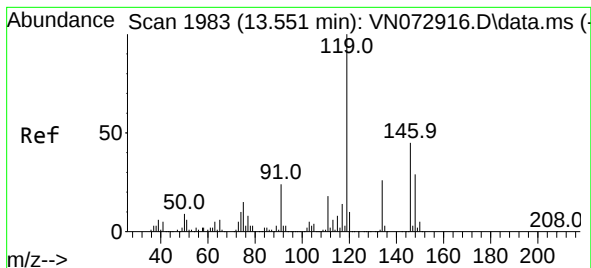
Reviewed By :John Carlone 06/22/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 18.371 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072973.D
 Acq: 21 Jun 2022 10:52

Tgt Ion:119 Resp: 203166
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 23.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.910 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN072973.D

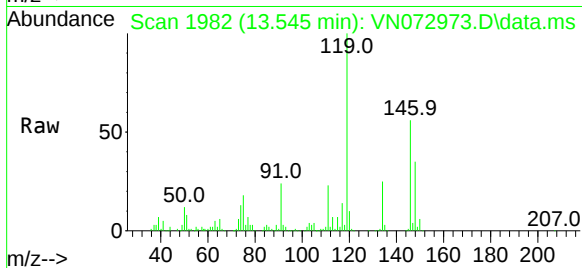
Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01



Tgt Ion:146 Resp: 11008

Ion Ratio Lower Upper

146 100

111 40.7 20.0 60.0

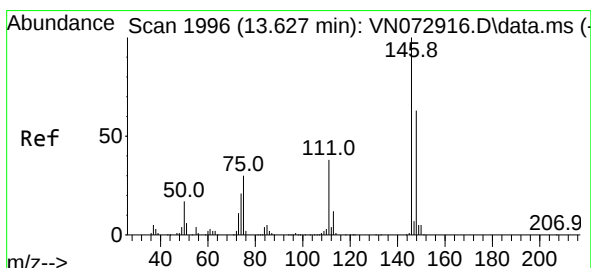
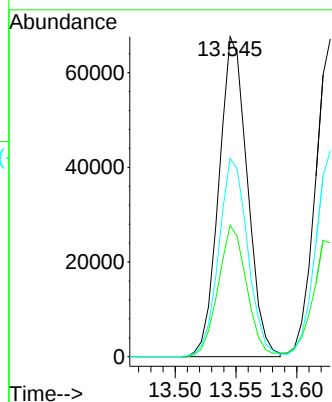
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#88

1,4-Dichlorobenzene

Concen: 18.962 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

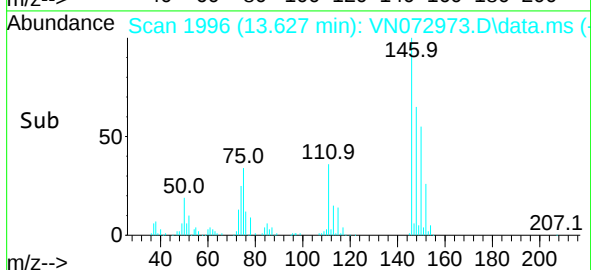
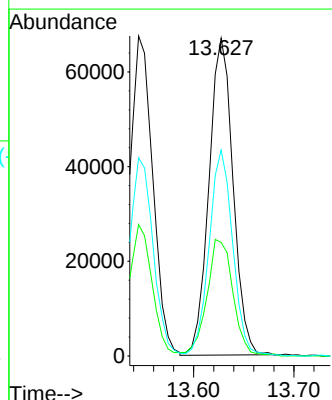
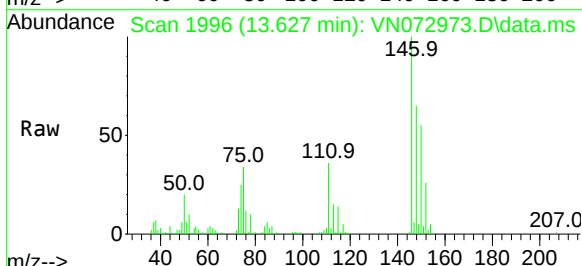
Tgt Ion:146 Resp: 111726

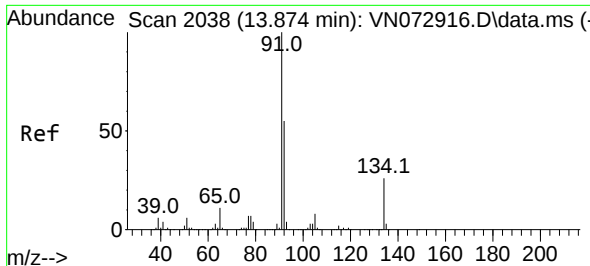
Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

148 64.0 31.4 94.3





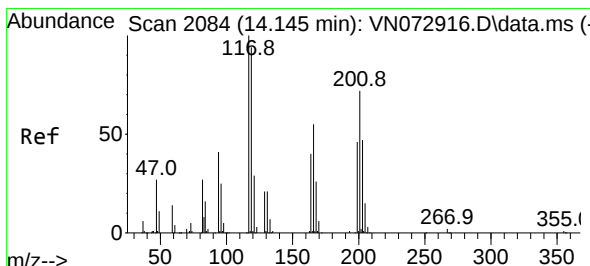
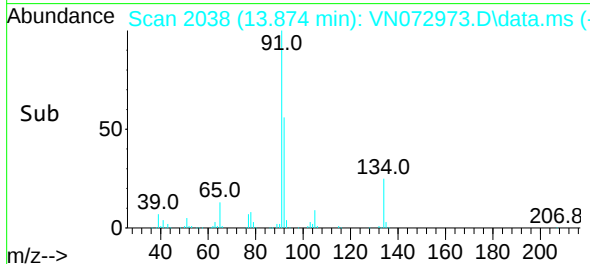
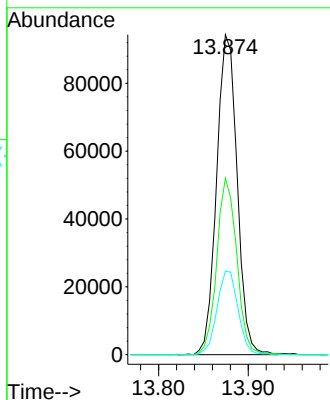
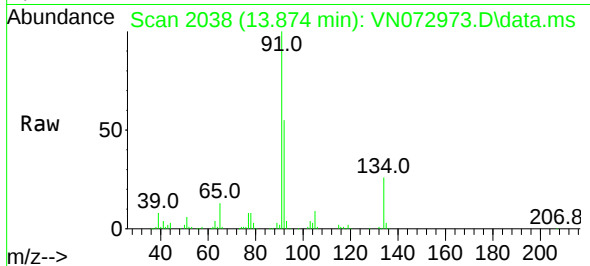
#89
n-Butylbenzene
Concen: 16.612 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion: 91 Resp: 150010
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 26.7 13.6 40.8

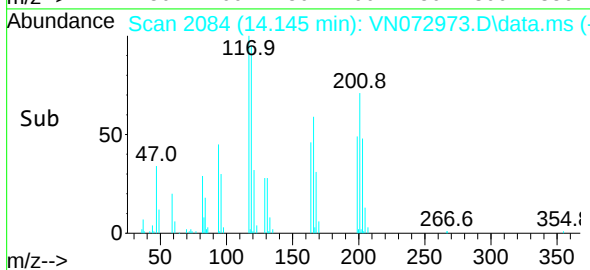
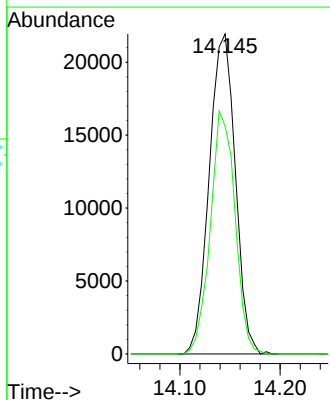
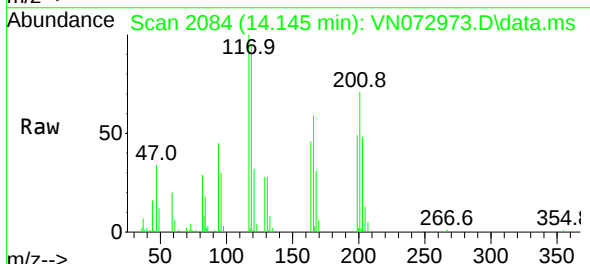
Manual Integrations
APPROVED

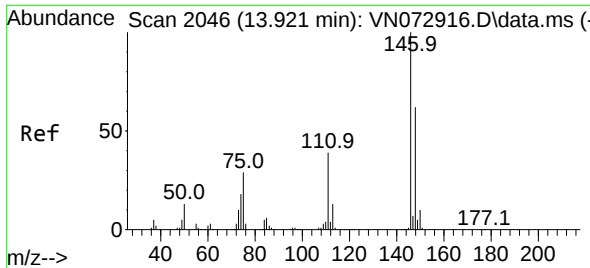
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#90
Hexachloroethane
Concen: 19.011 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion:117 Resp: 39635
Ion Ratio Lower Upper
117 100
201 71.7 40.6 122.0





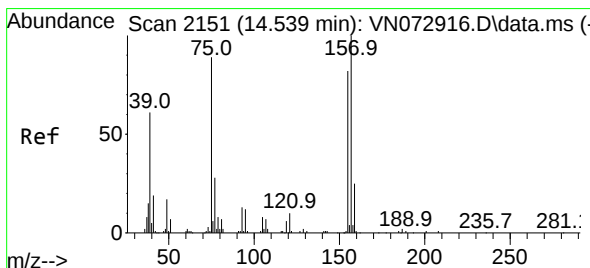
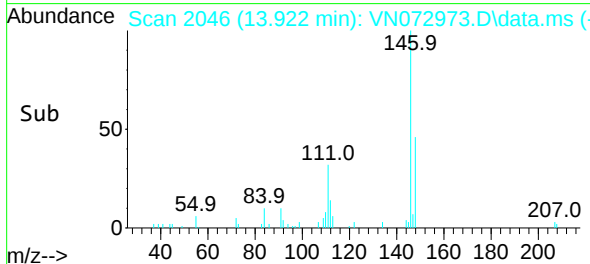
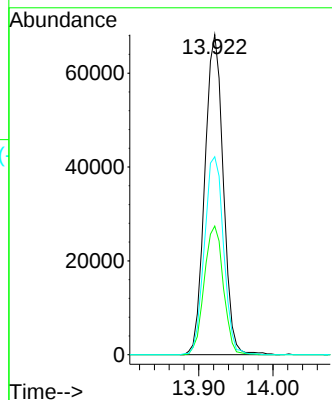
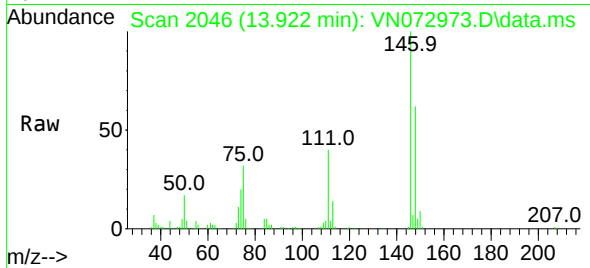
#91
1,2-Dichlorobenzene
Concen: 19.414 ug/l
RT: 13.922 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Tgt Ion:146 Resp: 117860
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 64.3 32.1 96.3

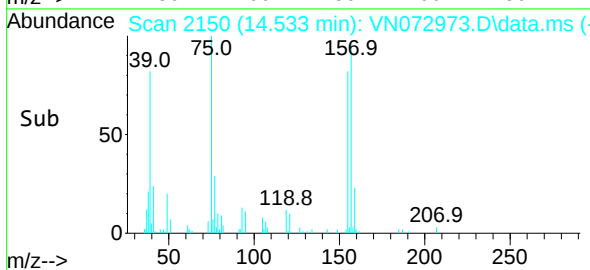
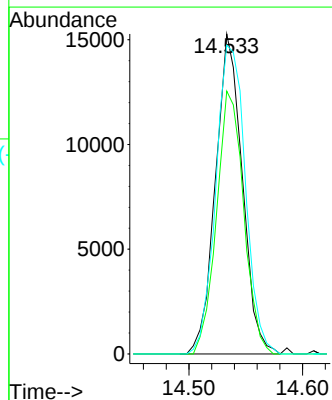
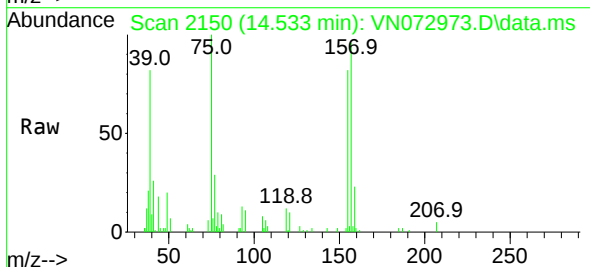
Manual Integrations
APPROVED

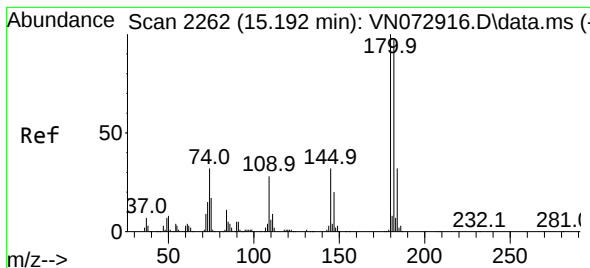
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.175 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

Tgt Ion: 75 Resp: 25001
Ion Ratio Lower Upper
75 100
155 83.2 44.9 134.5
157 106.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 17.296 ug/l

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS01

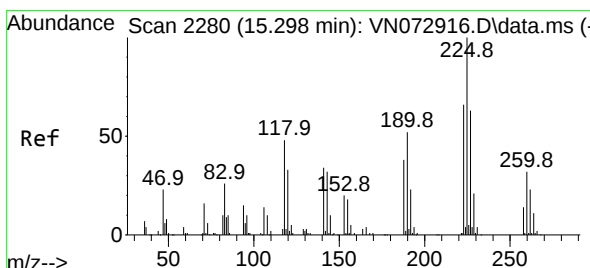
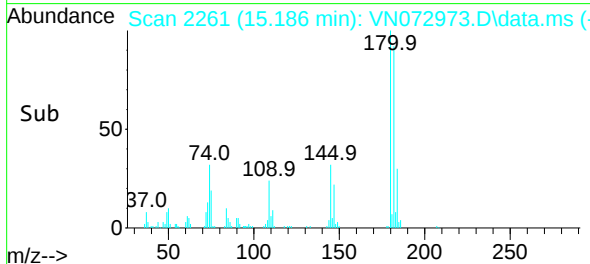
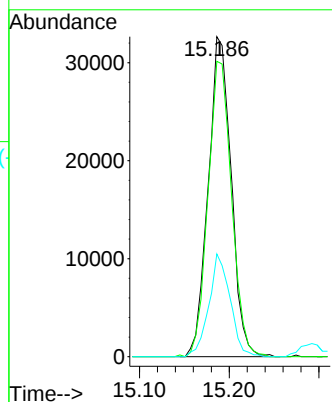
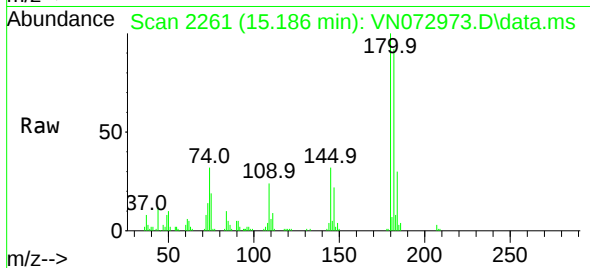
Tgt Ion:180	Resp:	58114
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.5 142.5
145	29.7	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#94

Hexachlorobutadiene

Concen: 15.998 ug/l

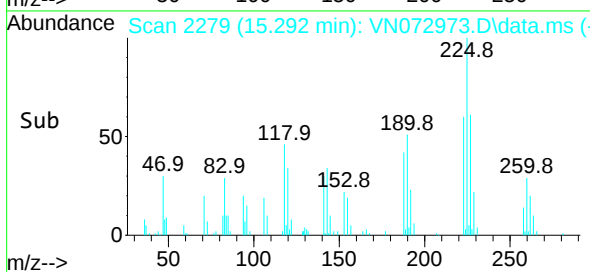
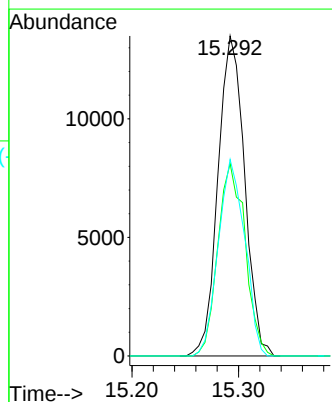
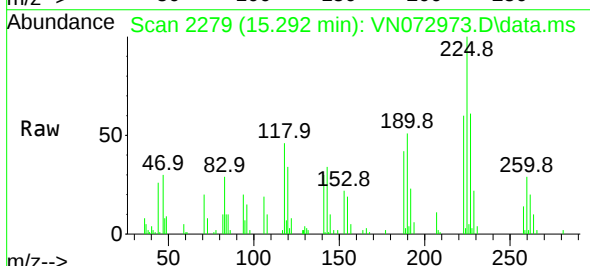
RT: 15.292 min Scan# 2279

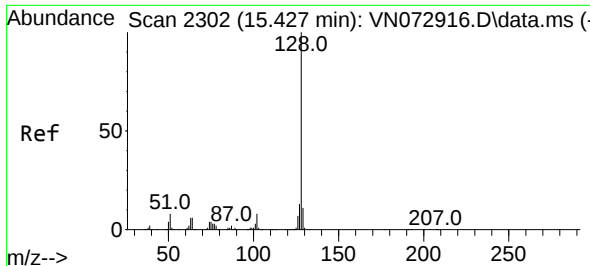
Delta R.T. -0.006 min

Lab File: VN072973.D

Acq: 21 Jun 2022 10:52

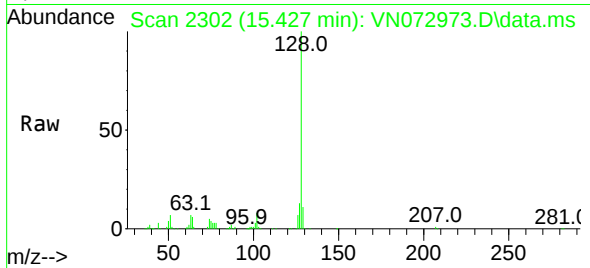
Tgt Ion:225	Resp:	23391
Ion Ratio	Lower	Upper
225	100	
223	61.6	32.4 97.2
227	61.3	31.8 95.4





#95
Naphthalene
Concen: 18.108 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52

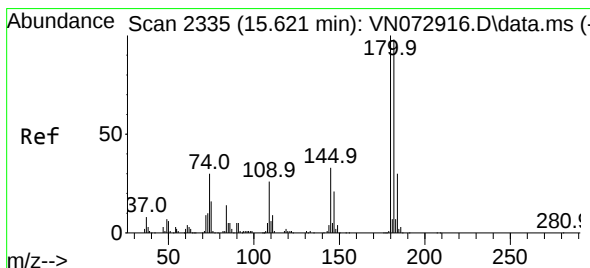
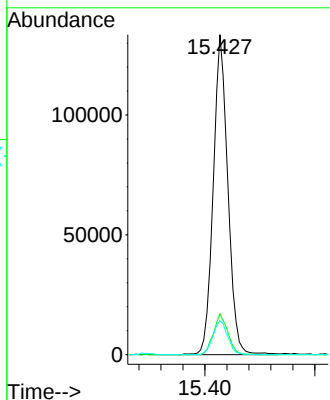
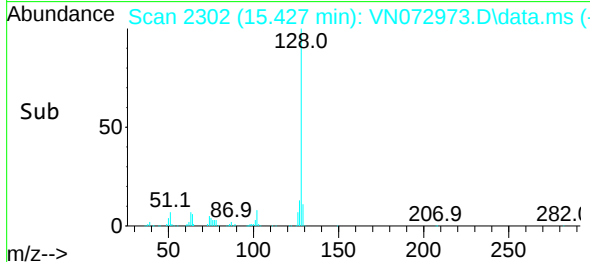
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01



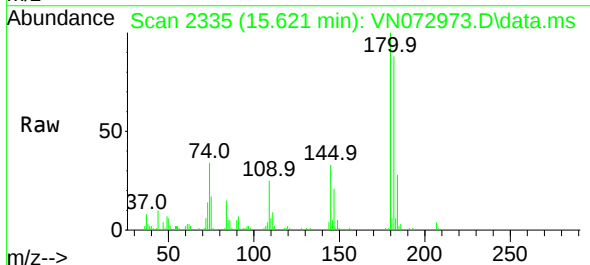
Tgt Ion:128 Resp: 246115
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.330 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN072973.D
Acq: 21 Jun 2022 10:52



Tgt Ion:180 Resp: 62177
Ion Ratio Lower Upper
180 100
182 93.0 47.8 143.3
145 33.1 15.5 46.5

