

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072949.D
 Acq On : 20 Jun 2022 10:14
 Operator : JC\MD
 Sample : VN0620WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:53:31 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	8.010	168	345821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	575489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	500254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	227813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227170	48.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	7.951	113	179685	50.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.375	98	658402	49.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.663	95	239449	50.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	63275	19.217	ug/l	98
3) Chloromethane	2.269	50	61659	17.792	ug/l	100
4) Vinyl Chloride	2.410	62	55556	18.814	ug/l	100
5) Bromomethane	2.816	94	29813	25.648	ug/l	99
6) Chloroethane	2.975	64	32815	17.763	ug/l	93
7) Trichlorofluoromethane	3.328	101	107441	22.343	ug/l	98
8) Diethyl Ether	3.769	74	47462	19.125	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.146	101	64738	19.477	ug/l	97
10) Methyl Iodide	4.351	142	71133	18.671	ug/l	98
11) Tert butyl alcohol	5.281	59	91251	75.556	ug/l	99
12) 1,1-Dichloroethene	4.122	96	61454	18.561	ug/l	93
13) Acrolein	3.981	56	40223	84.564	ug/l	99
14) Allyl chloride	4.757	41	125425	17.731	ug/l	96
15) Acrylonitrile	5.469	53	231747	83.241	ug/l	99
16) Acetone	4.222	43	202520	78.800	ug/l	96
17) Carbon Disulfide	4.463	76	134417	15.845	ug/l	99
18) Methyl Acetate	4.781	43	114989	16.802	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	245136	19.714	ug/l	95
20) Methylene Chloride	5.016	84	73300	18.234	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	64343	17.865	ug/l	98
22) Diisopropyl ether	6.410	45	255906	19.405	ug/l	96
23) Vinyl Acetate	6.351	43	1158009	95.126	ug/l	94
24) 1,1-Dichloroethane	6.304	63	133088	19.250	ug/l	99
25) 2-Butanone	7.257	43	331829	81.365	ug/l	92
26) 2,2-Dichloropropane	7.245	77	117106	20.058	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	83542	19.415	ug/l	99
28) Bromochloromethane	7.587	49	54258	18.976	ug/l	91
29) Tetrahydrofuran	7.610	42	224020	83.182	ug/l	89
30) Chloroform	7.745	83	136222	19.463	ug/l	100
31) Cyclohexane	8.022	56	114370	18.084	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	119771	19.500	ug/l	99
36) 1,1-Dichloropropene	8.151	75	91775	19.068	ug/l	99
37) Ethyl Acetate	7.334	43	140170	18.207	ug/l	95
38) Carbon Tetrachloride	8.128	117	97867	19.331	ug/l	98
39) Methylcyclohexane	9.386	83	114739	19.778	ug/l	95
40) Benzene	8.386	78	293043	19.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	71908	19.697	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	109907	20.457	ug/l	100
43) Isopropyl Acetate	8.492	43	210683	19.145	ug/l	95
44) Trichloroethene	9.145	130	75525	19.702	ug/l	100
45) 1,2-Dichloropropane	9.422	63	75318	19.480	ug/l	95
46) Dibromomethane	9.510	93	52224	19.976	ug/l	96
47) Bromodichloromethane	9.692	83	105975	20.396	ug/l	97
48) Methyl methacrylate	9.492	41	91894	18.289	ug/l	93
49) 1,4-Dioxane	9.498	88	34465	304.861	ug/l #	97
51) 4-Methyl-2-Pentanone	10.263	43	658076	91.702	ug/l	92
52) Toluene	10.433	92	187087	20.145	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	115664	20.700	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	124852	20.456	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	77881	19.099	ug/l	98
56) Ethyl methacrylate	10.692	69	127710	19.540	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	132492	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	277287	96.097	ug/l	97
59) 2-Hexanone	11.022	43	489019	88.105	ug/l	90
60) Dibromochloromethane	11.175	129	80195	20.810	ug/l	99
61) 1,2-Dibromoethane	11.280	107	82359	20.488	ug/l	99
64) Tetrachloroethene	10.910	164	61753	20.292	ug/l	96
65) Chlorobenzene	11.704	112	200583	20.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	74529	20.043	ug/l	98
67) Ethyl Benzene	11.780	91	355805	20.689	ug/l	100
68) m/p-Xylenes	11.886	106	274237	40.655	ug/l	99
69) o-Xylene	12.216	106	136309	20.223	ug/l	98
70) Styrene	12.227	104	220811	20.400	ug/l	99
71) Bromoform	12.392	173	57769	20.604	ug/l #	98
73) Isopropylbenzene	12.510	105	353486	20.057	ug/l	100
74) N-amyl acetate	12.321	43	171565	18.759	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	119248	18.788	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	103138m	18.673	ug/l	
77) Bromobenzene	12.792	156	83144	19.692	ug/l	92
78) n-propylbenzene	12.857	91	394339	20.342	ug/l	99
79) 2-Chlorotoluene	12.939	91	250178	19.929	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	292420	20.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.557	75	38386	18.769	ug/l	94
82) 4-Chlorotoluene	13.039	91	240291	20.232	ug/l	98
83) tert-Butylbenzene	13.257	119	259795	19.595	ug/l	96
84) 1,2,4-Trimethylbenzene	13.298	105	293826	20.377	ug/l	98
85) sec-Butylbenzene	13.433	105	357371	20.206	ug/l	100
86) p-Isopropyltoluene	13.551	119	296575	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	150617	19.981	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	150425	19.717	ug/l	97
89) n-Butylbenzene	13.874	91	241547	20.658	ug/l	99
90) Hexachloroethane	14.145	117	55363	20.508	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	155642	19.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	27478	17.113	ug/l	97
93) 1,2,4-Trichlorobenzene	15.186	180	84204	19.355	ug/l	98
94) Hexachlorobutadiene	15.292	225	37779	19.955	ug/l	97
95) Naphthalene	15.427	128	309365	17.579	ug/l	100
96) 1,2,3-Trichlorobenzene	15.615	180	86083	18.530	ug/l	98

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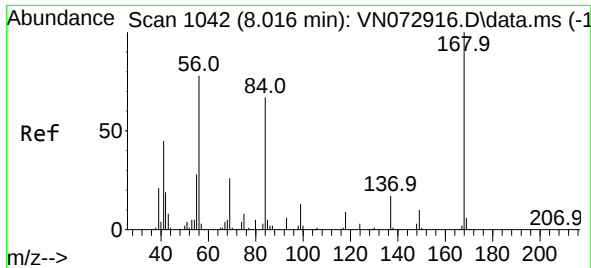
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Quant Title : SW846 8260
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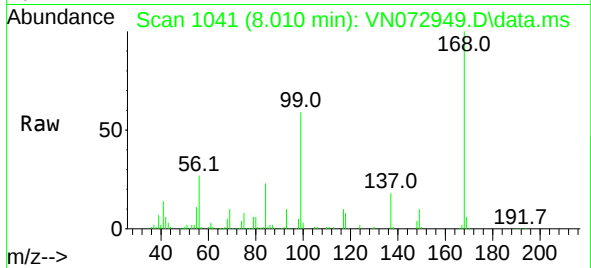
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072949.D
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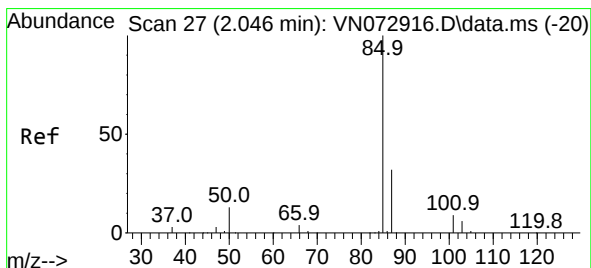
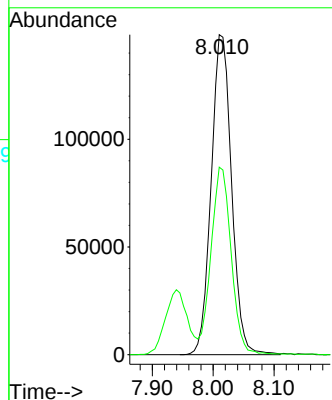
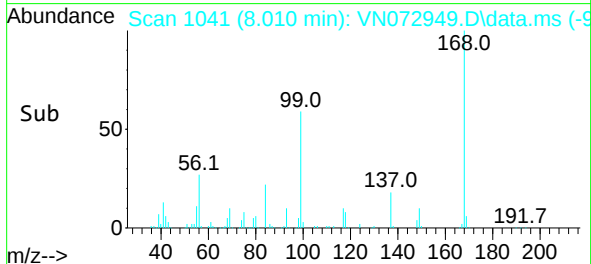
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion:168 Resp: 34582
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5

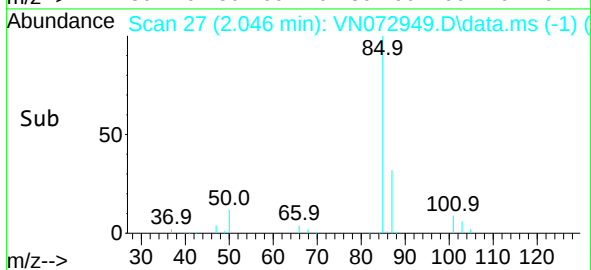
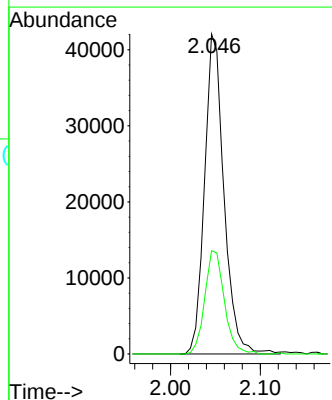
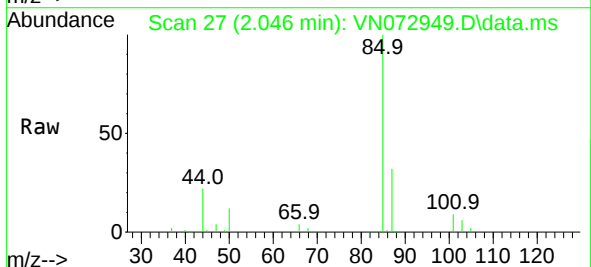
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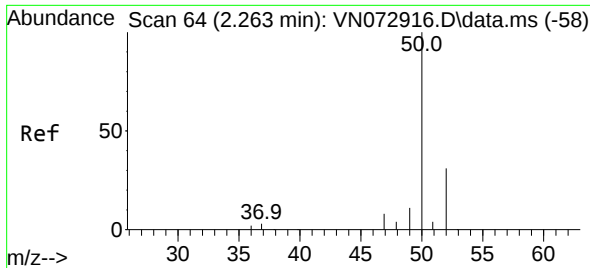
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#2
Dichlorodifluoromethane
Concen: 19.217 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

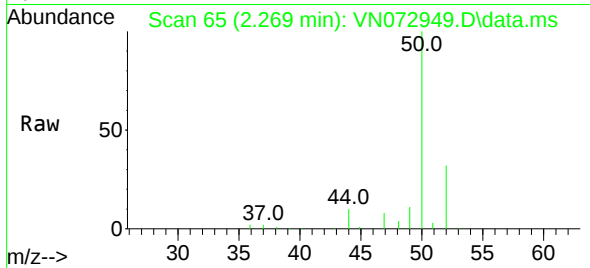
Tgt Ion: 85 Resp: 63275
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 17.792 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

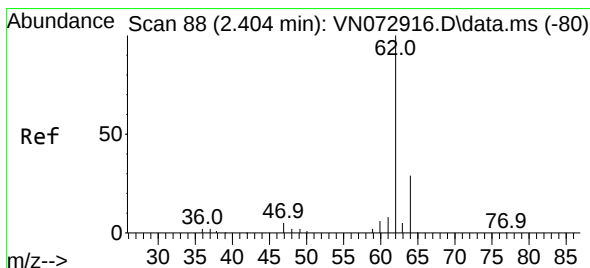
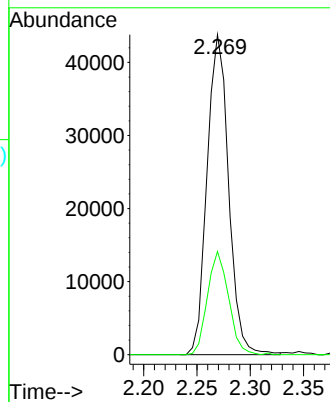
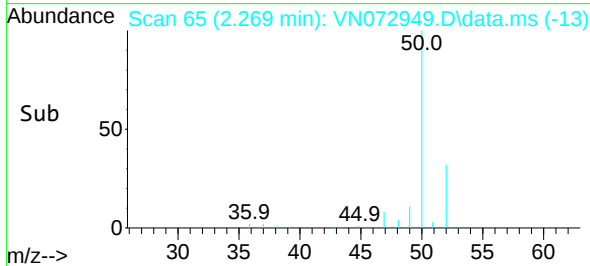
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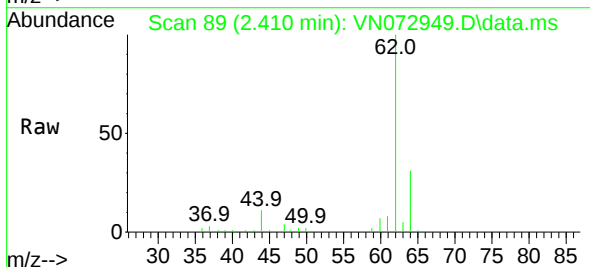
Tgt Ion: 50 Resp: 61659
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

Manual Integrations
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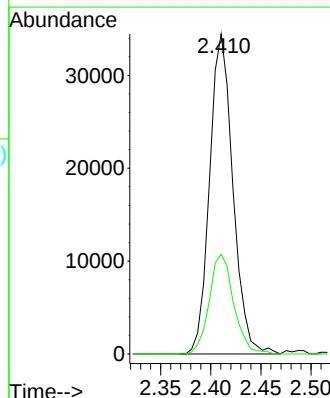
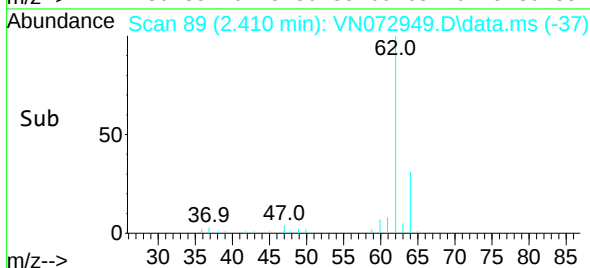
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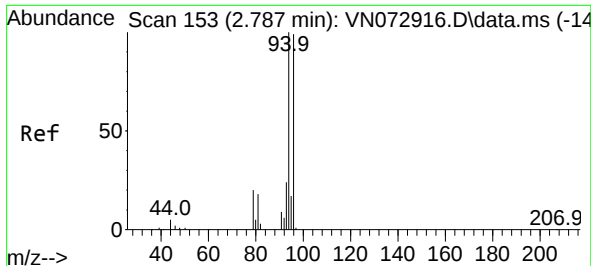


#4
Vinyl Chloride
Concen: 18.814 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



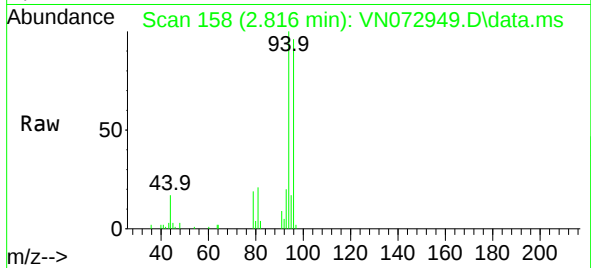
Tgt Ion: 62 Resp: 55556
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 25.648 ug/l
RT: 2.816 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

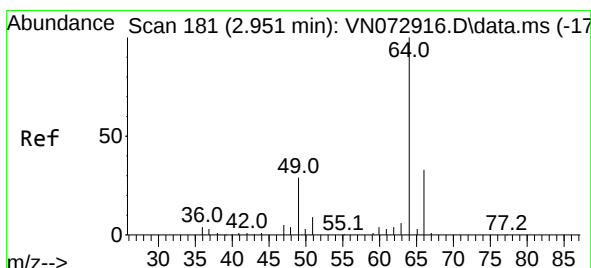
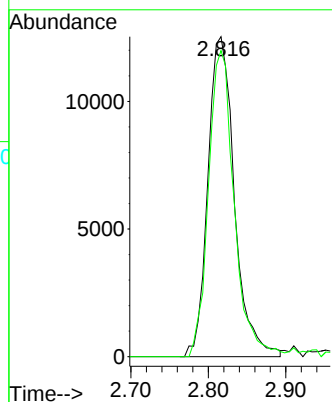
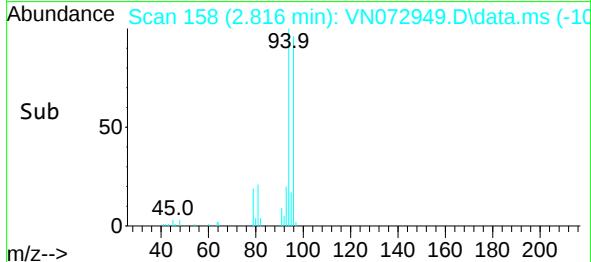
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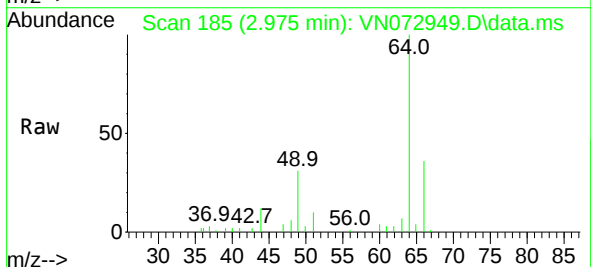
Tgt Ion: 94 Resp: 2981
Ion Ratio Lower Upper
94 100
96 95.7 76.0 114.0

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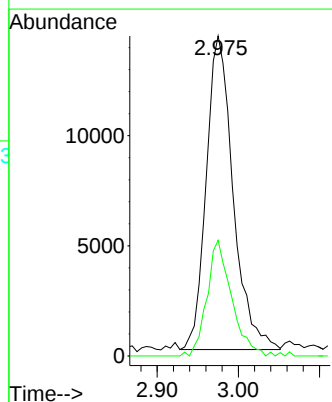
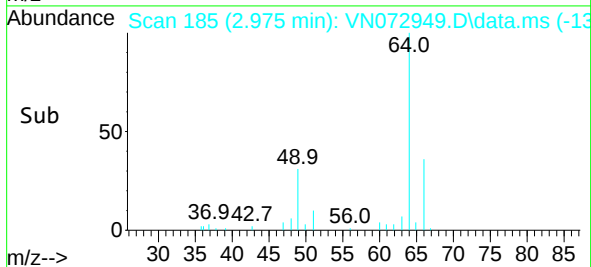
Reviewed By :John Carlone 06/21/2022
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#6
Chloroethane
Concen: 17.763 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.024 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



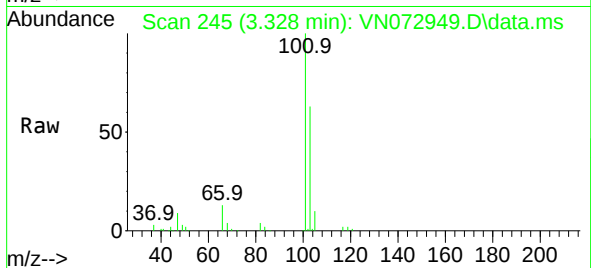
Tgt Ion: 64 Resp: 32815
Ion Ratio Lower Upper
64 100
66 36.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 22.343 ug/l
 RT: 3.328 min Scan# 241
 Delta R.T. 0.024 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

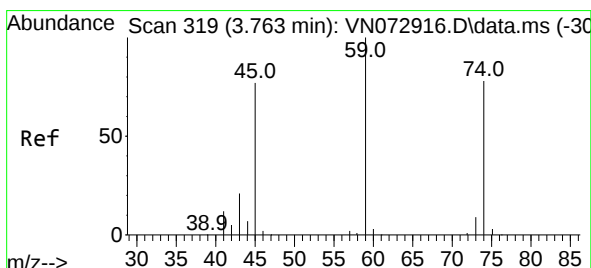
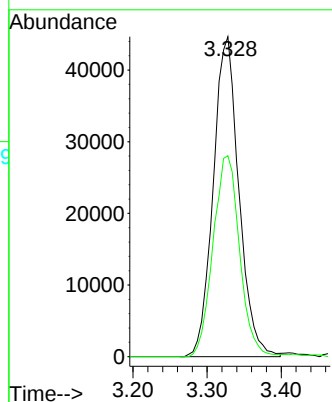
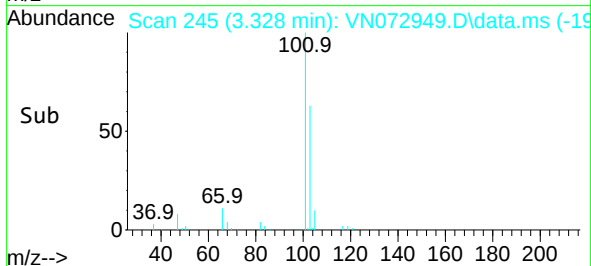
Instrument :
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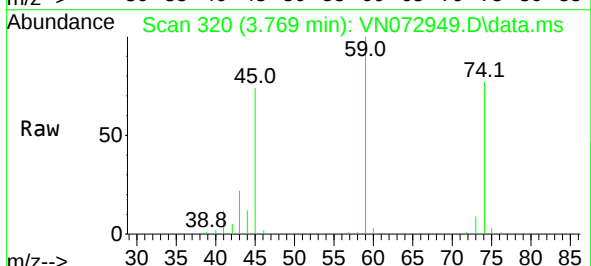
Tgt Ion:101 Resp: 10744
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.5 77.3

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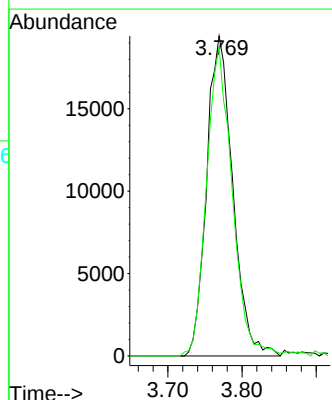
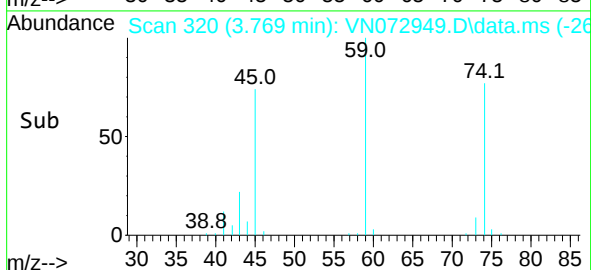
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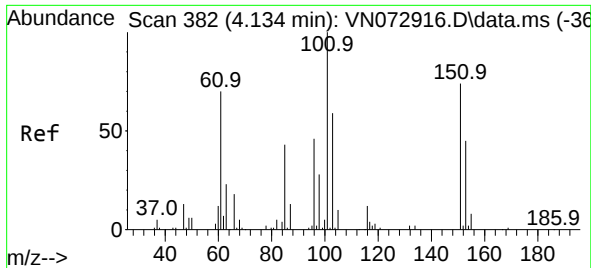


#8
 Diethyl Ether
 Concen: 19.125 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN072949.D
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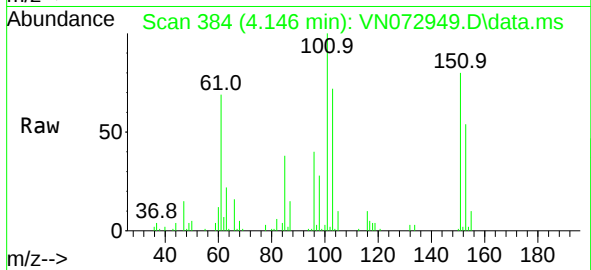
Tgt Ion: 74 Resp: 47462
 Ion Ratio Lower Upper
 74 100
 45 95.2 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.477 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN072949.D
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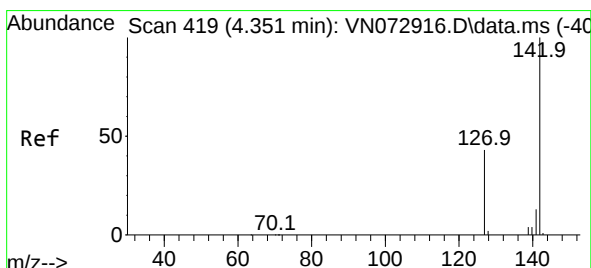
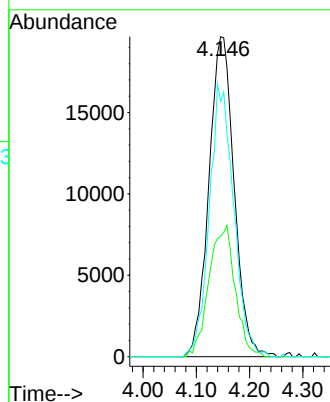
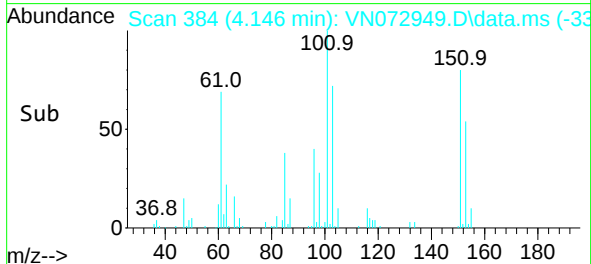
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion:101 Resp: 64738
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 82.2 63.0 94.4

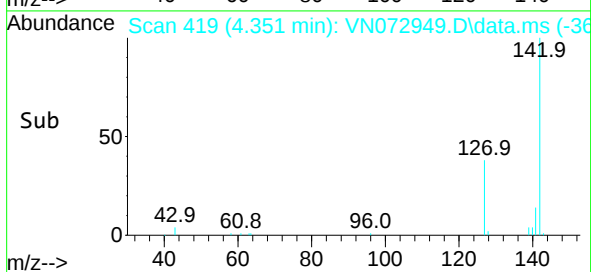
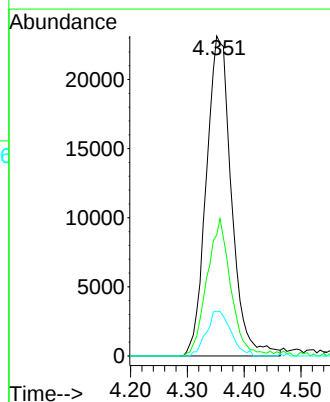
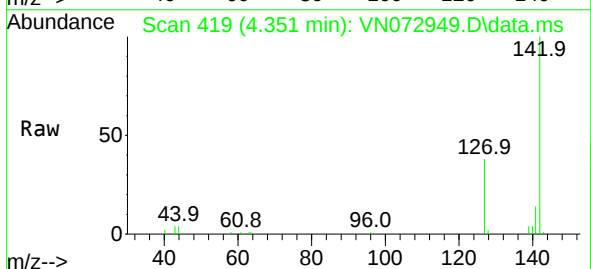
Manual Integrations
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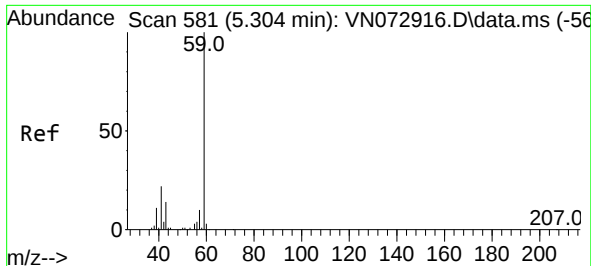
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#10
Methyl Iodide
Concen: 18.671 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Tgt Ion:142 Resp: 71133
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 13.6 11.2 16.8





#11

Tert butyl alcohol

Concen: 75.556 ug/l

RT: 5.281 min Scan# 51

Delta R.T. -0.023 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 59 Resp: 9125

Ion Ratio Lower Upper

59 100

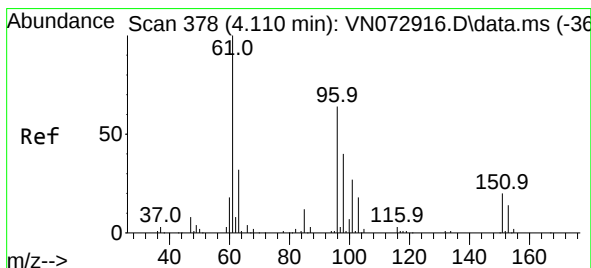
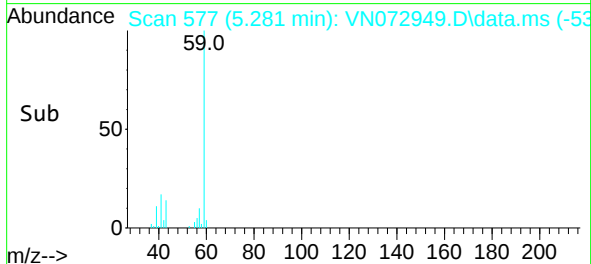
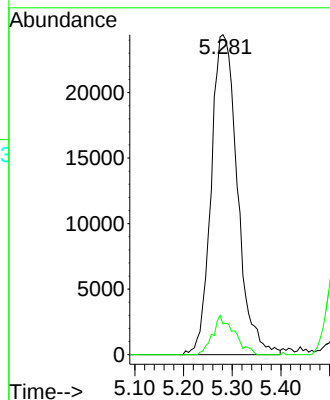
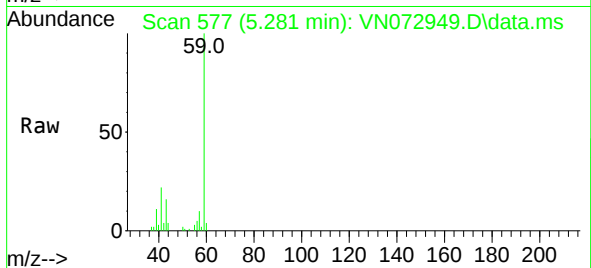
57 10.1 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#12

1,1-Dichloroethene

Concen: 18.561 ug/l

RT: 4.122 min Scan# 380

Delta R.T. 0.012 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

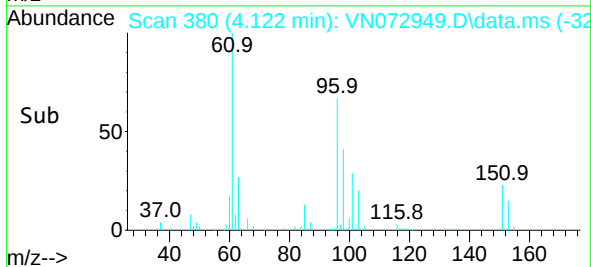
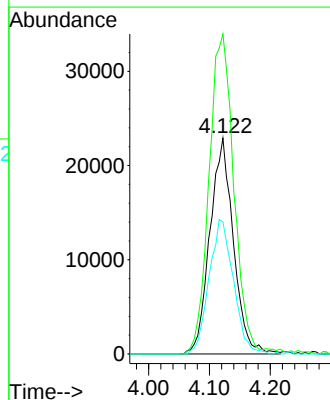
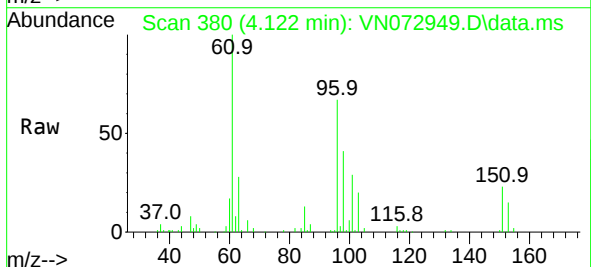
Tgt Ion: 96 Resp: 61454

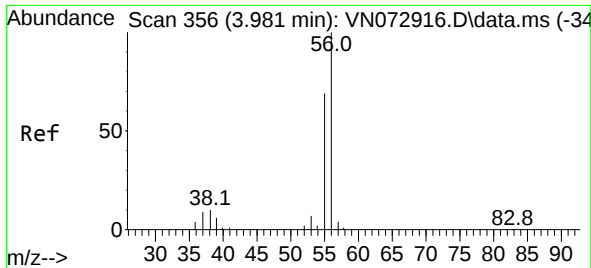
Ion Ratio Lower Upper

96 100

61 148.3 127.6 191.4

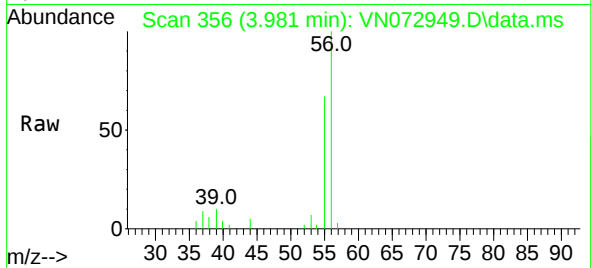
98 61.3 51.2 76.8





#13
Acrolein
Concen: 84.564 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

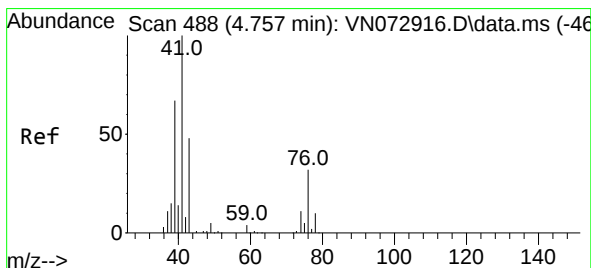
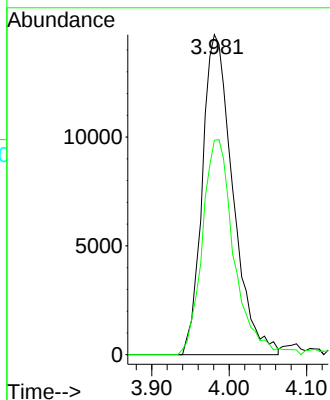
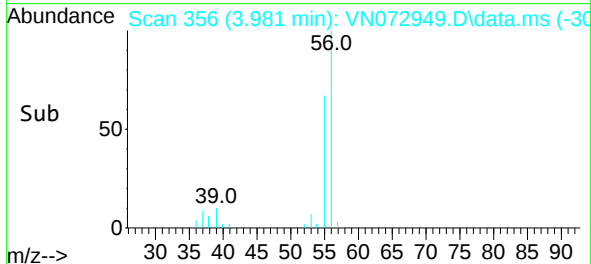
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 56 Resp: 40223
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

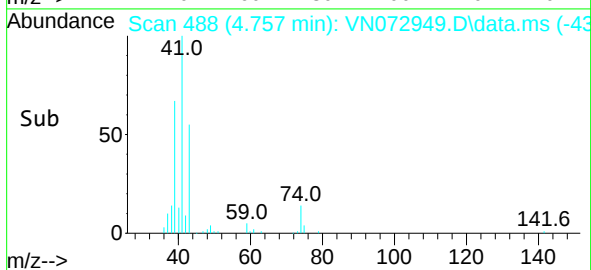
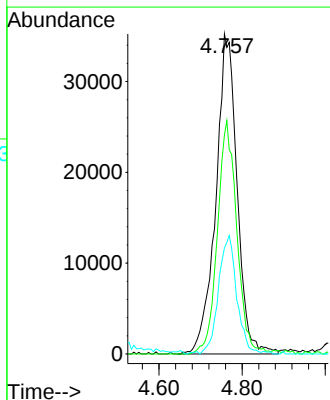
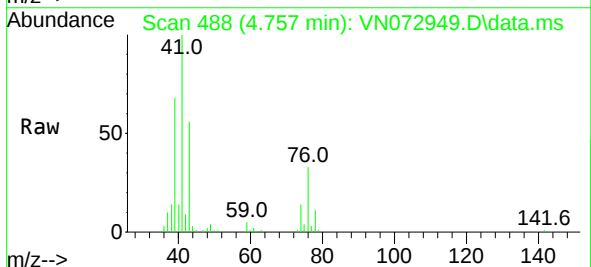
Manual Integrations
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Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#14
Allyl chloride
Concen: 17.731 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

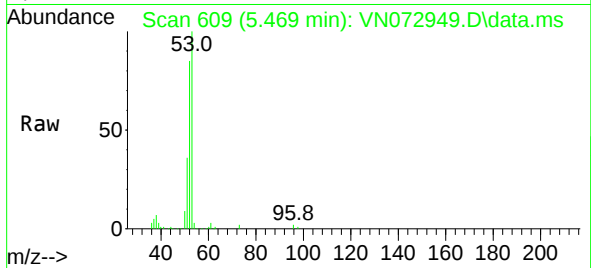
Tgt Ion: 41 Resp: 125425
Ion Ratio Lower Upper
41 100
39 66.2 53.2 79.8
76 31.6 29.9 44.9





#15
Acrylonitrile
Concen: 83.241 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

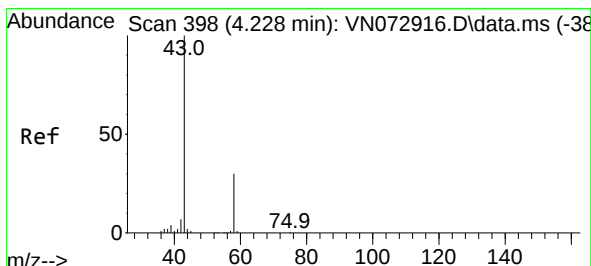
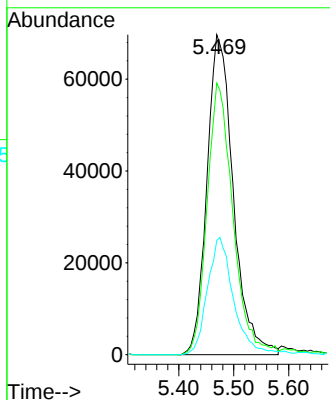
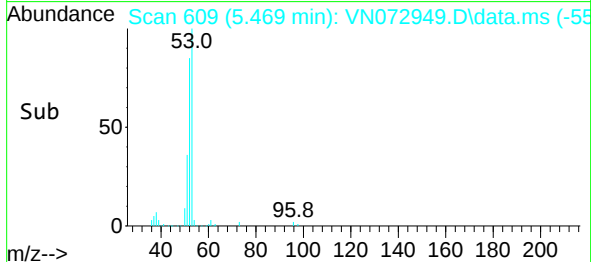
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 53 Resp: 23174
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.6 28.5 42.7

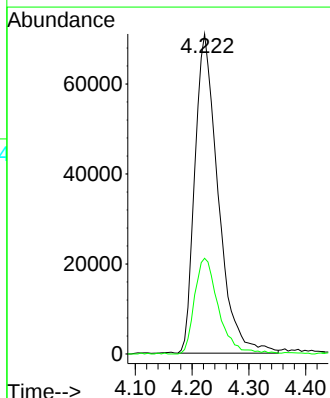
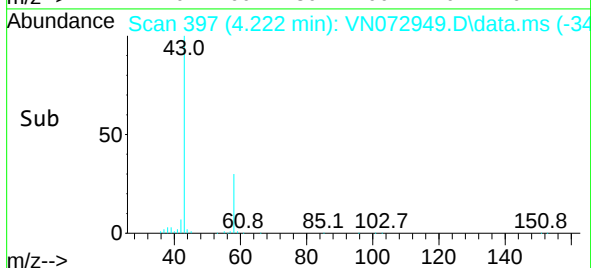
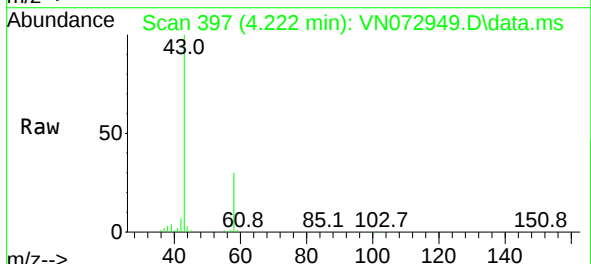
Manual Integrations
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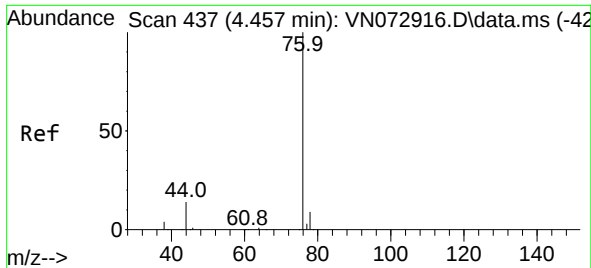
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#16
Acetone
Concen: 78.800 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Tgt Ion: 43 Resp: 202520
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0





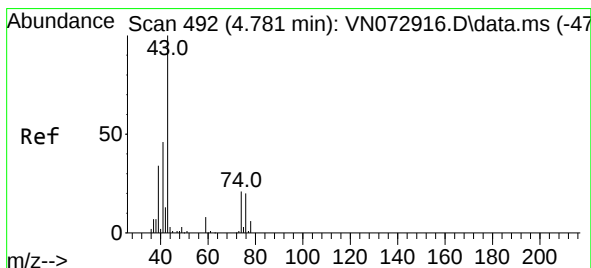
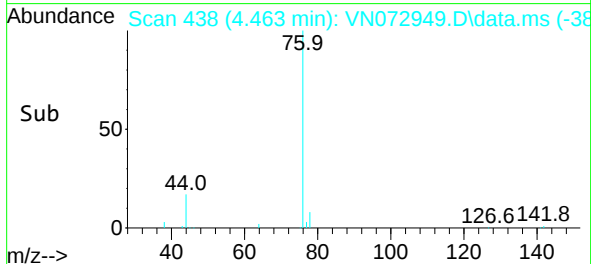
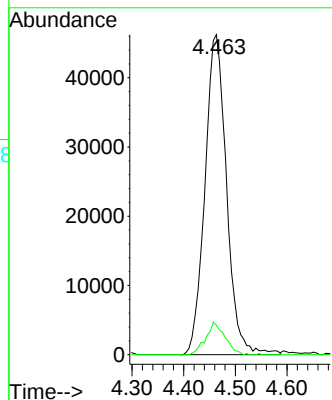
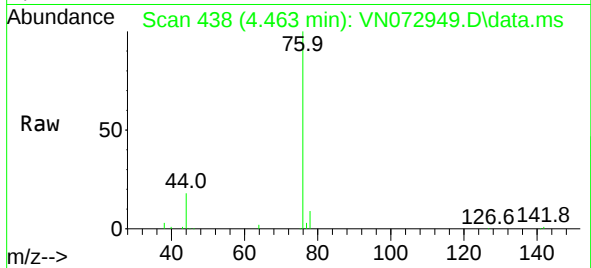
#17
Carbon Disulfide
Concen: 15.845 ug/l
RT: 4.463 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion: 76 Resp: 13441
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

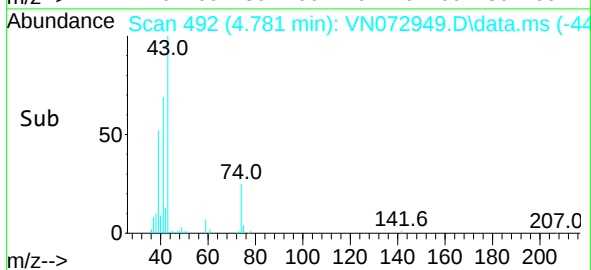
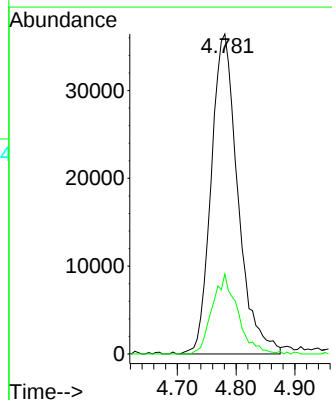
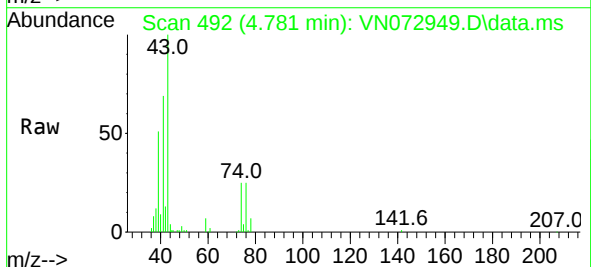
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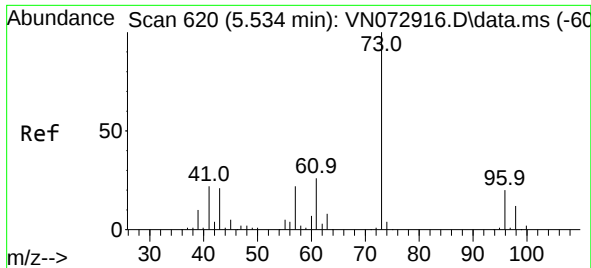
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#18
Methyl Acetate
Concen: 16.802 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Tgt Ion: 43 Resp: 114989
Ion Ratio Lower Upper
43 100
74 23.9 21.6 32.4





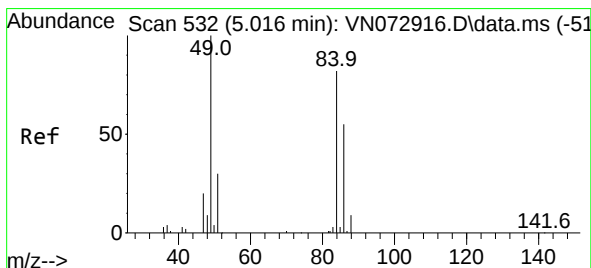
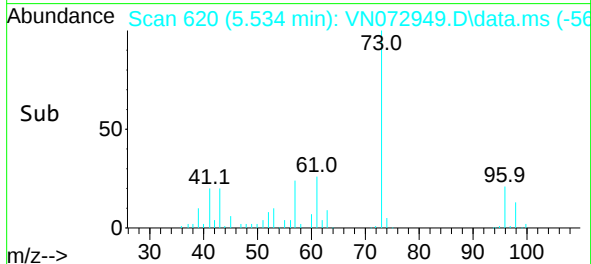
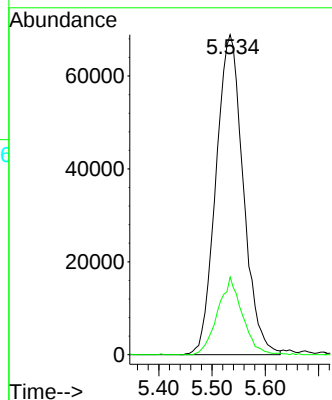
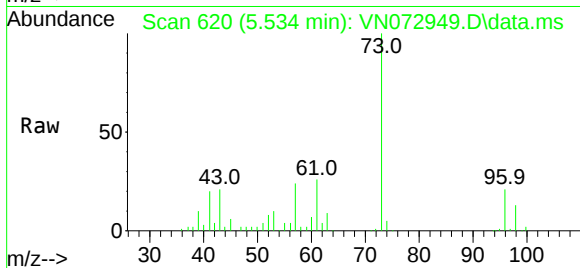
#19
Methyl tert-butyl Ether
Concen: 19.714 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion: 73 Resp: 245130
Ion Ratio Lower Upper
73 100
57 24.3 17.6 26.4

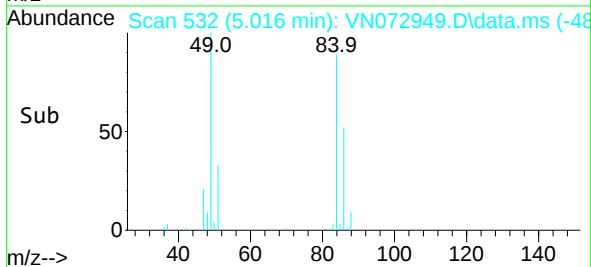
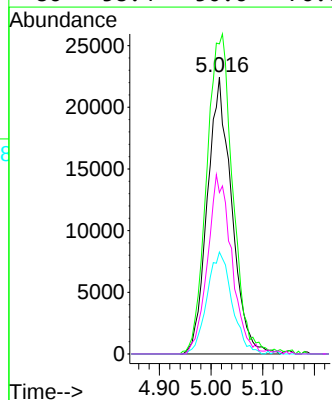
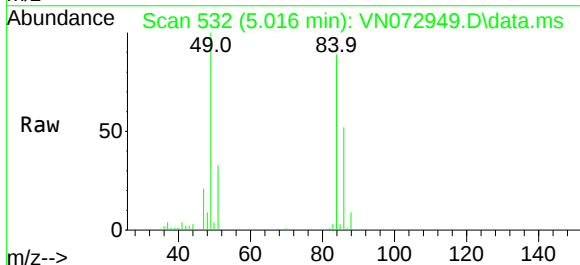
Manual Integrations
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Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#20
Methylene Chloride
Concen: 18.234 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

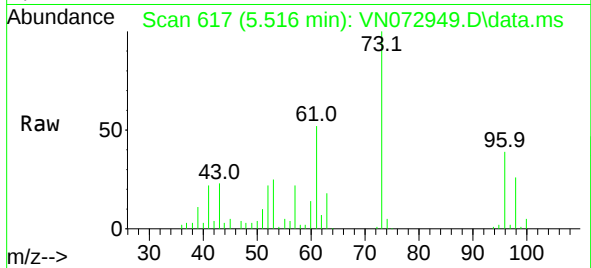
Tgt Ion: 84 Resp: 73300
Ion Ratio Lower Upper
84 100
49 112.1 88.3 132.5
51 36.9 28.2 42.2
86 58.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.865 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

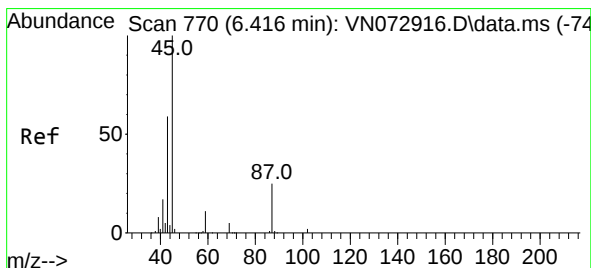
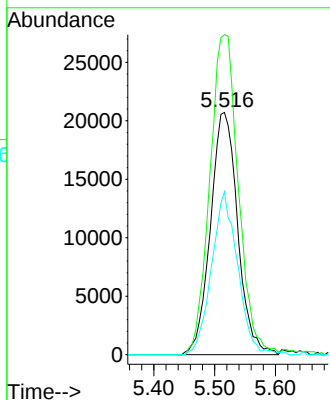
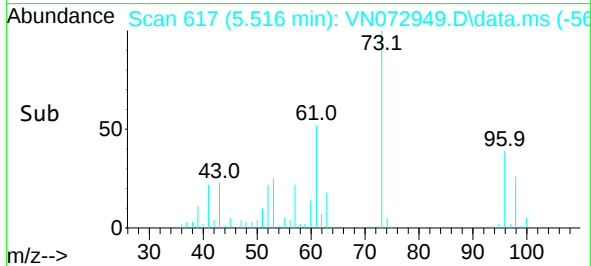
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 96 Resp: 6434
Ion Ratio Lower Upper
96 100
61 132.1 105.8 158.8
98 67.2 50.3 75.5

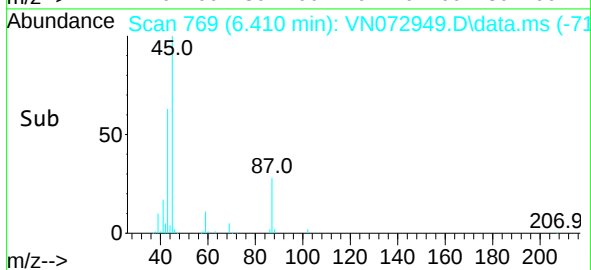
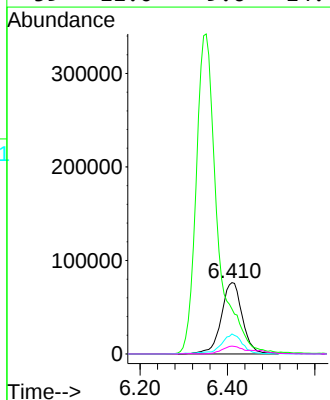
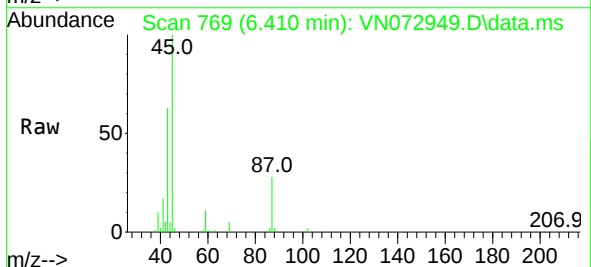
Manual Integrations
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Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#22
Diisopropyl ether
Concen: 19.405 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

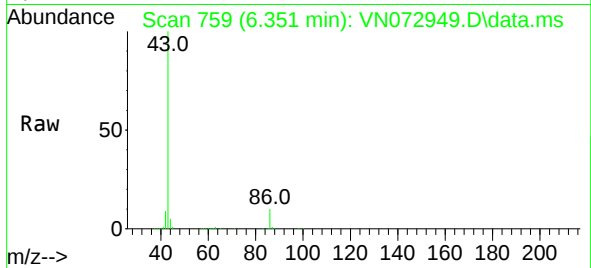
Tgt Ion: 45 Resp: 255906
Ion Ratio Lower Upper
45 100
43 61.7 46.6 70.0
87 27.7 24.3 36.5
59 11.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 95.126 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

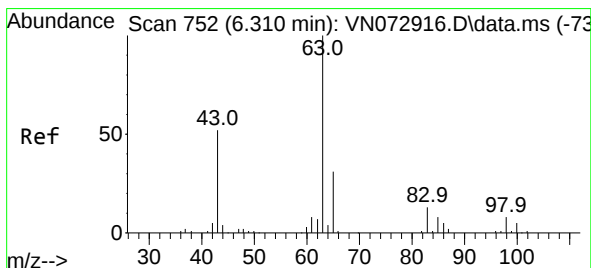
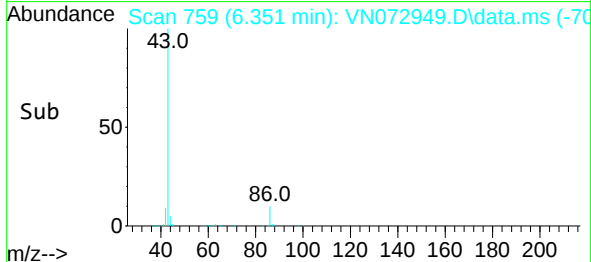
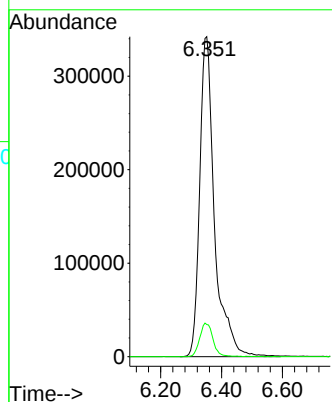
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01



Tgt Ion: 43 Resp: 1158009
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.0 15.0

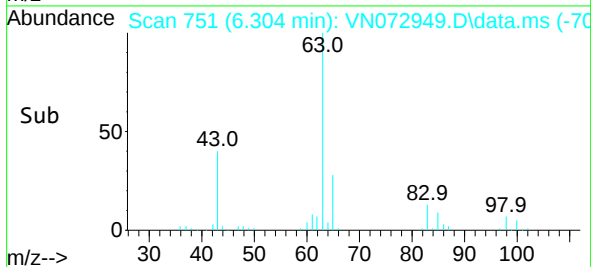
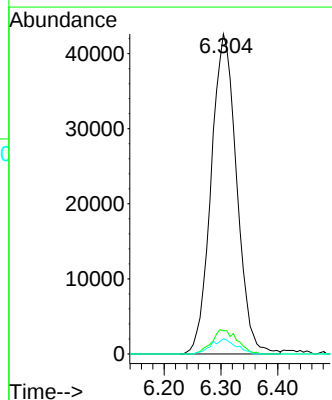
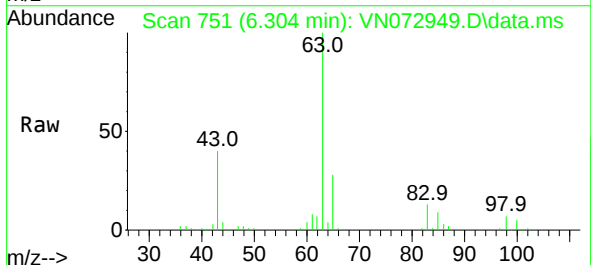
Manual Integrations
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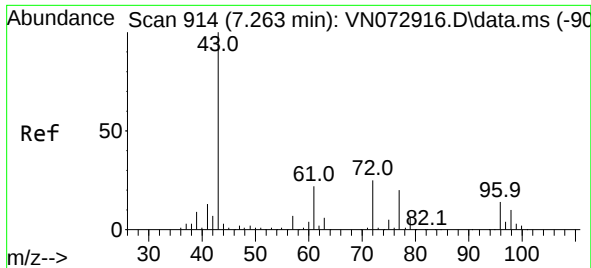
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.250 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

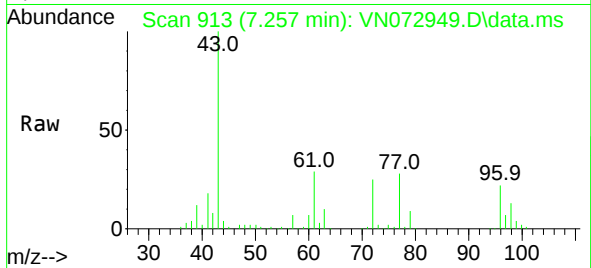
Tgt Ion: 63 Resp: 133088
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 81.365 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

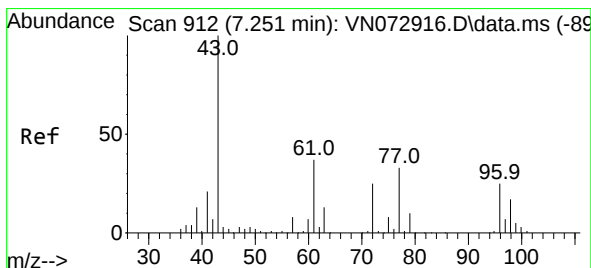
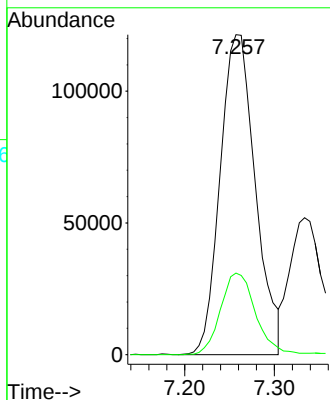
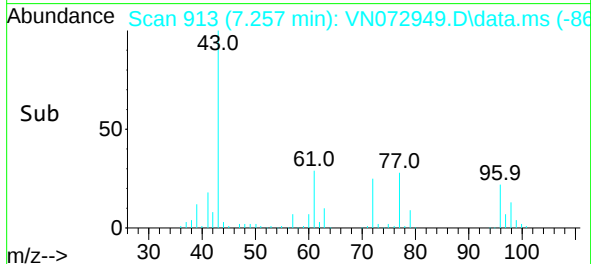
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



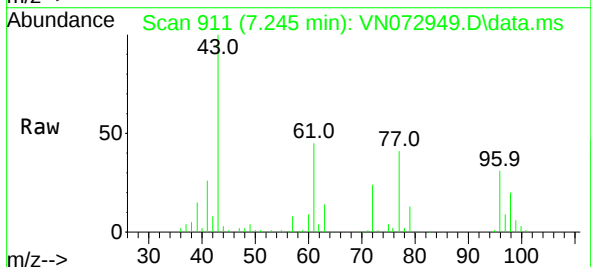
Tgt Ion: 43 Resp: 331829
Ion Ratio Lower Upper
43 100
72 25.5 23.7 35.5

Manual Integrations
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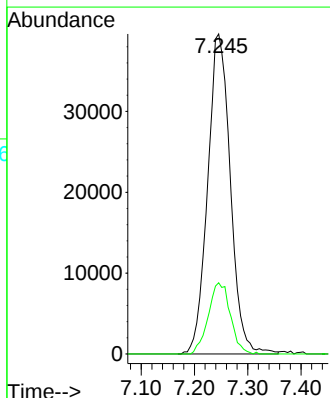
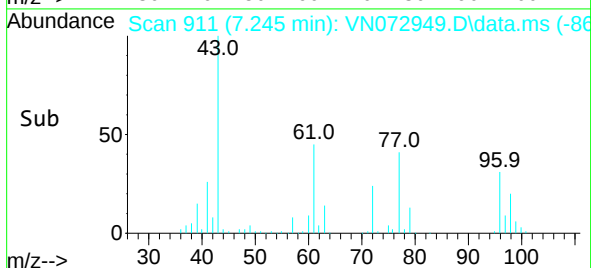
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

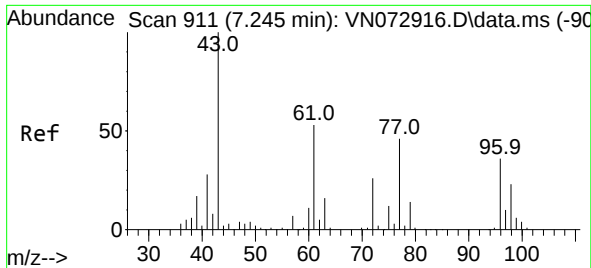


#26
2,2-Dichloropropane
Concen: 20.058 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



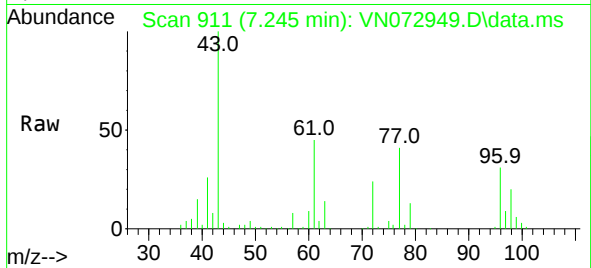
Tgt Ion: 77 Resp: 117106
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.415 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

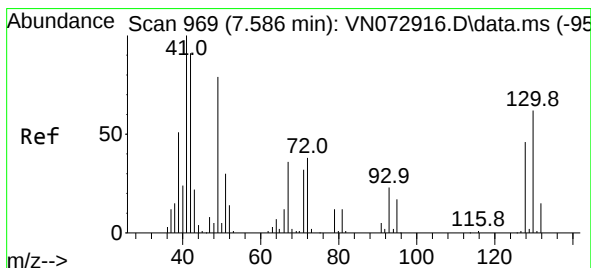
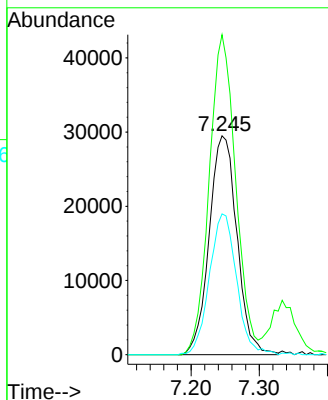
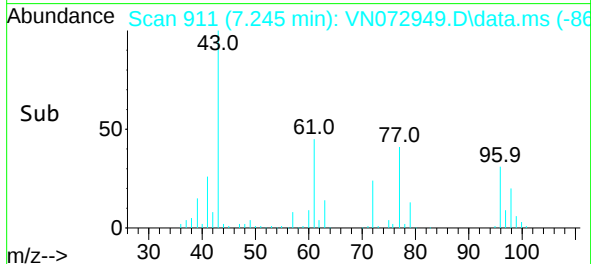
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01



Tgt Ion: 96 Resp: 8354
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 280.6
 98 63.0 0.0 128.4

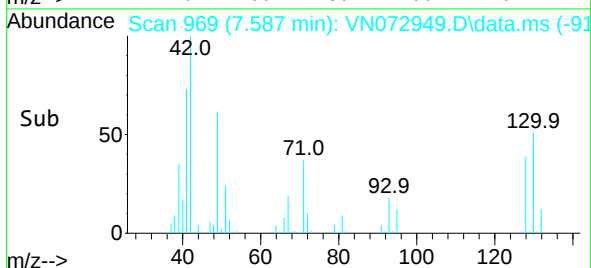
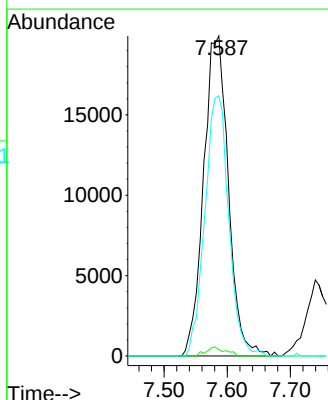
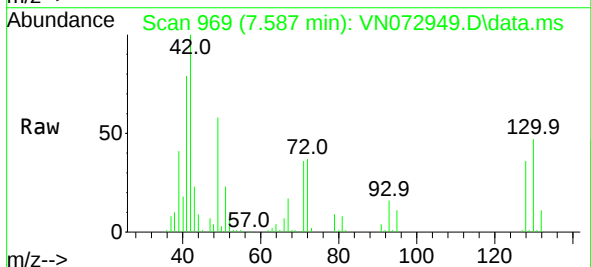
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#28
 Bromochloromethane
 Concen: 18.976 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

Tgt Ion: 49 Resp: 54258
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 78.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 83.182 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072949.D

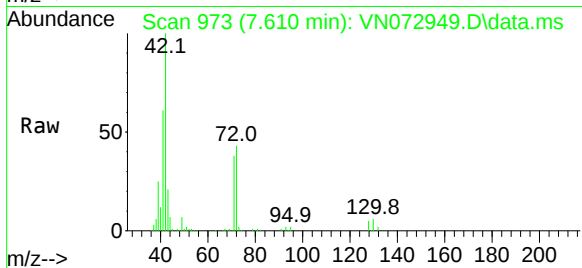
Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01



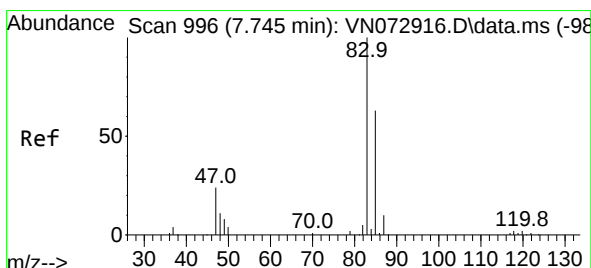
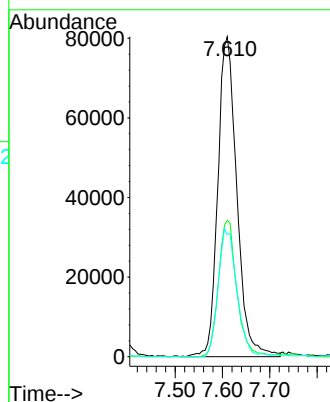
Tgt Ion:	42	Resp:	224020
Ion	Ratio	Lower	Upper
42	100		
72	41.0	39.7	59.5
71	39.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#30

Chloroform

Concen: 19.463 ug/l

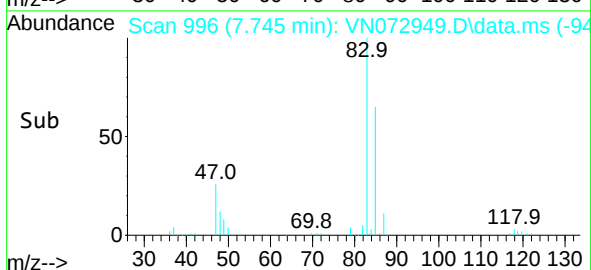
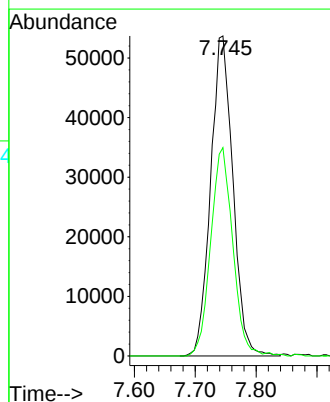
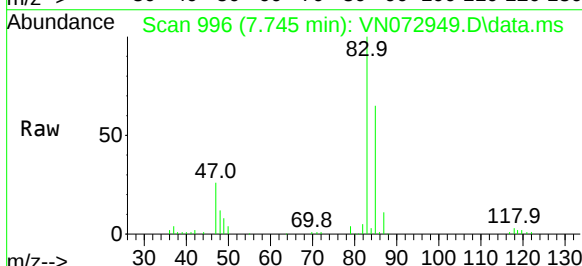
RT: 7.745 min Scan# 996

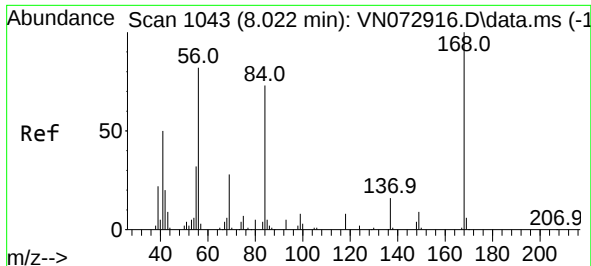
Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

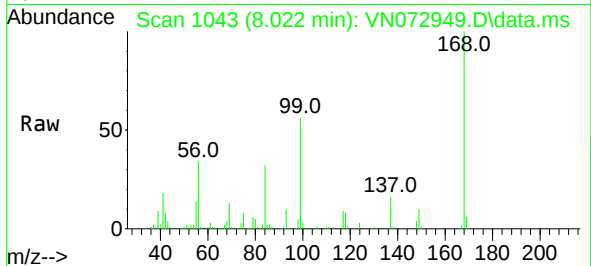
Tgt Ion:	83	Resp:	136222
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.8





#31
Cyclohexane
Concen: 18.084 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

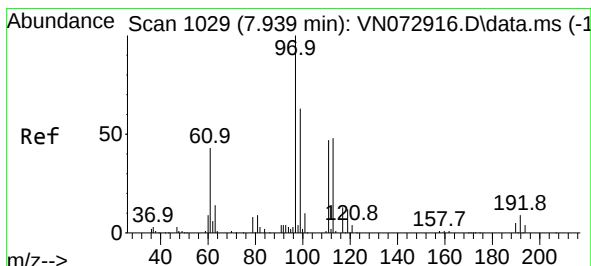
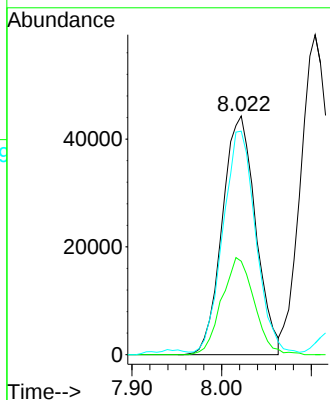
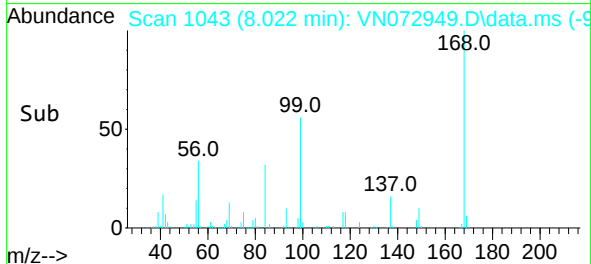
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



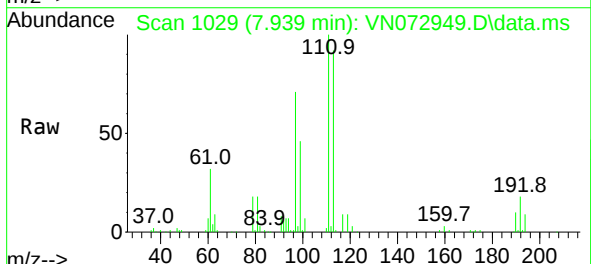
Tgt Ion: 56 Resp: 114370
Ion Ratio Lower Upper
56 100
69 39.1 27.8 41.8
84 91.6 76.9 115.3

Manual Integrations
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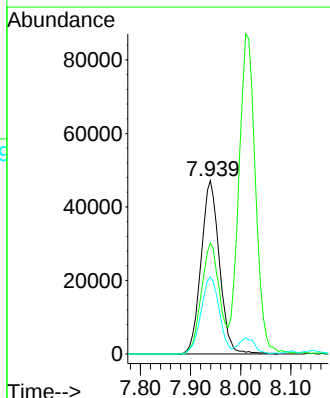
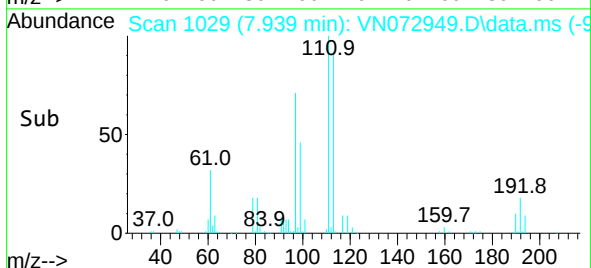
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

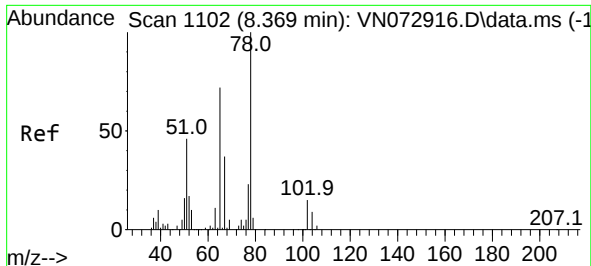


#32
1,1,1-Trichloroethane
Concen: 19.500 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion: 97 Resp: 119771
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 44.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.588 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 65 Resp: 227170

Ion Ratio Lower Upper

65 100

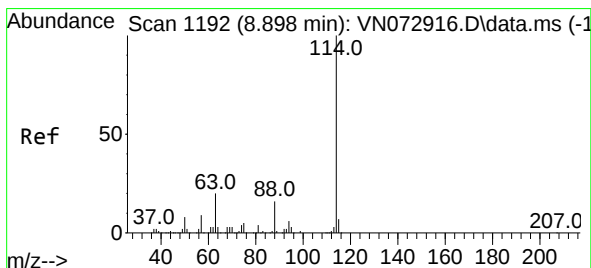
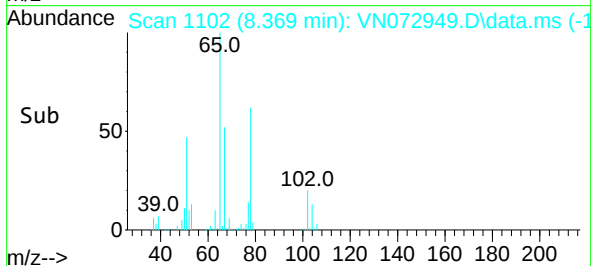
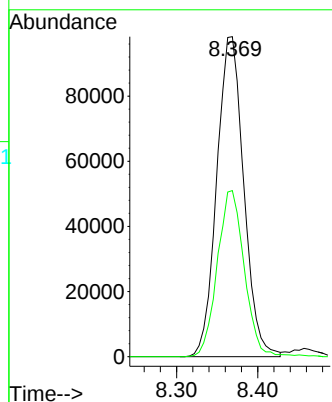
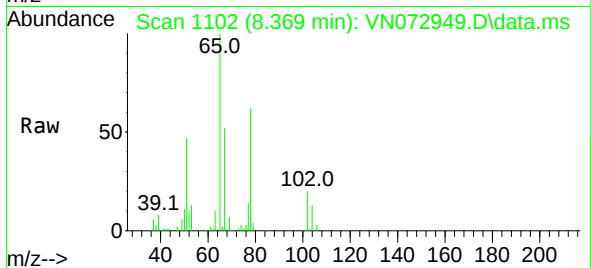
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

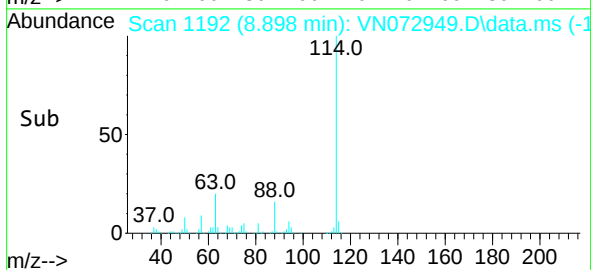
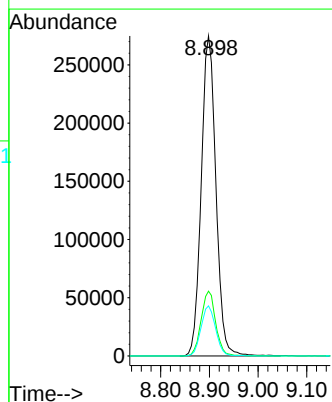
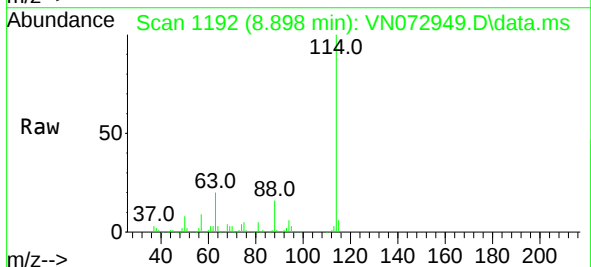
Tgt Ion:114 Resp: 575489

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.515 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 113 Resp: 17968

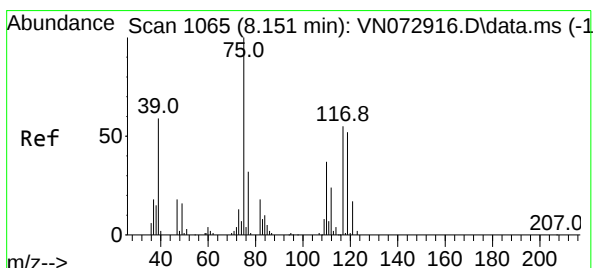
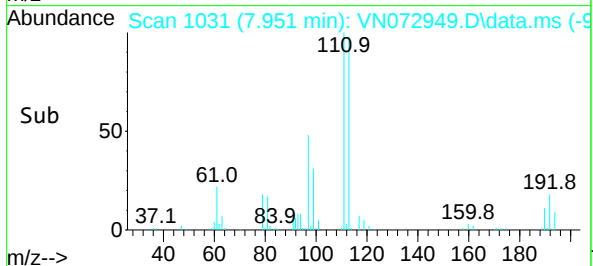
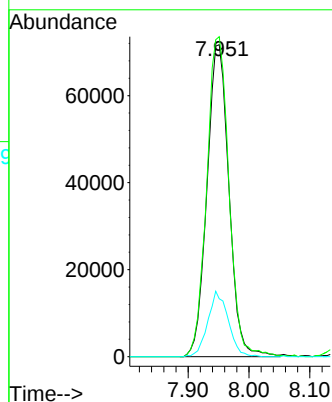
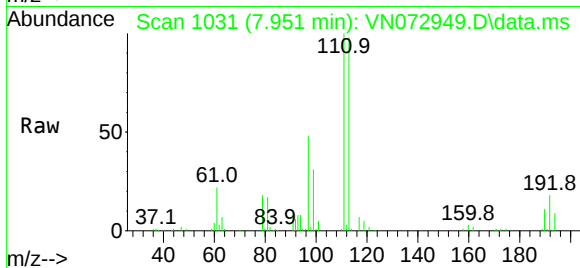
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	19.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/21/2022

Supervised By : Mahesh Dadoda 06/21/2022



#36

1,1-Dichloropropene

Concen: 19.068 ug/l

RT: 8.151 min Scan# 1065

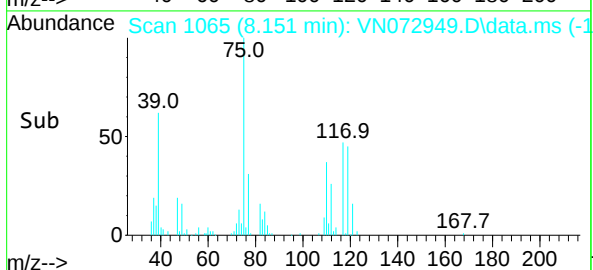
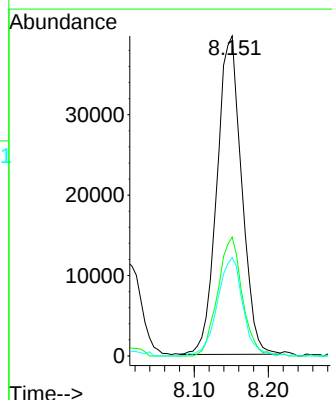
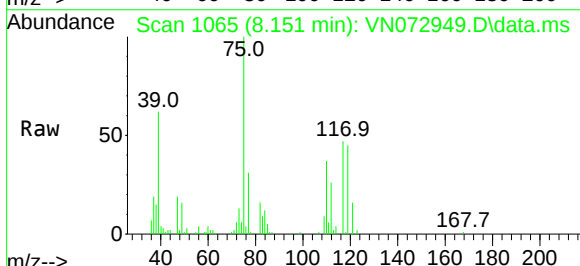
Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Tgt Ion: 75 Resp: 91775

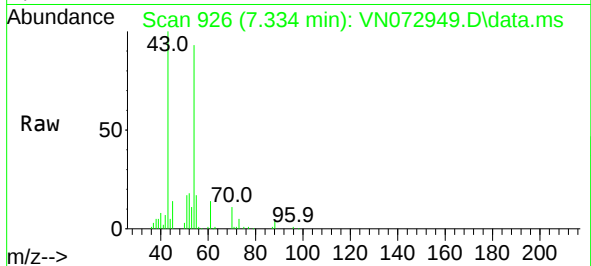
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.3	54.8
77	31.9	25.1	37.7





#37
Ethyl Acetate
Concen: 18.207 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

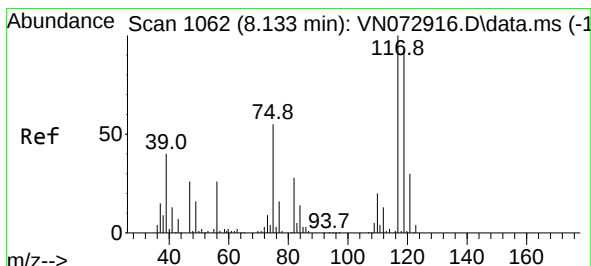
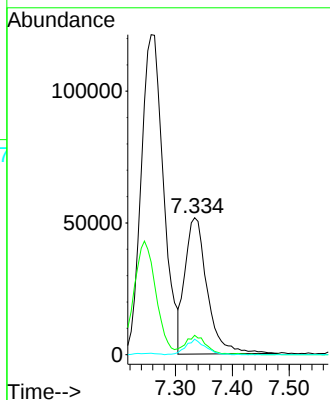
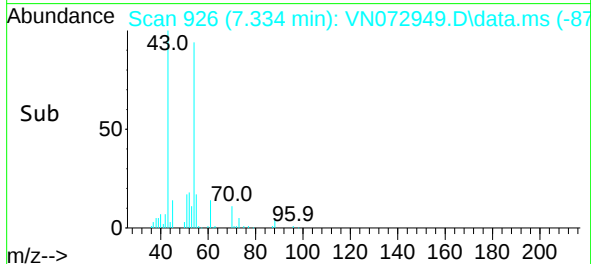
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 43 Resp: 140170
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 9.8 9.3 13.9

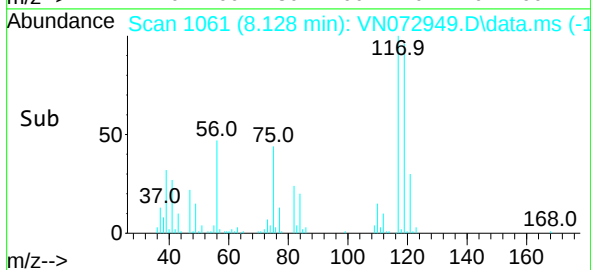
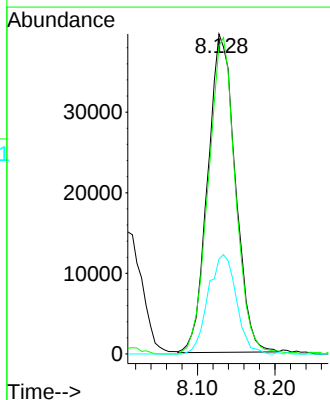
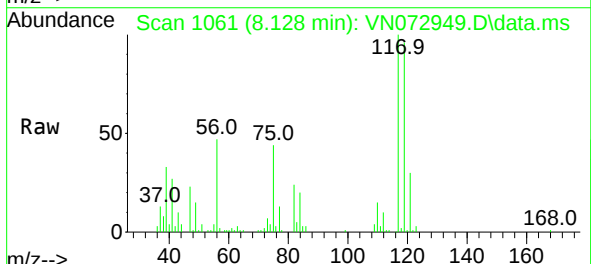
Manual Integrations
APPROVED

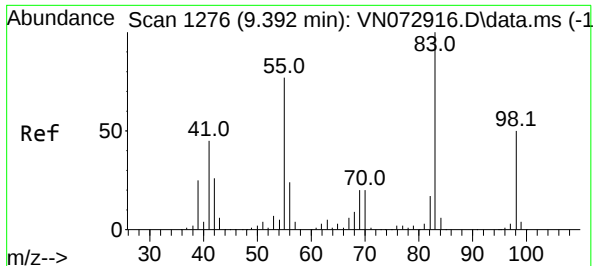
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#38
Carbon Tetrachloride
Concen: 19.331 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Tgt Ion:117 Resp: 97867
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 19.778 ug/l

RT: 9.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 83 Resp: 114739

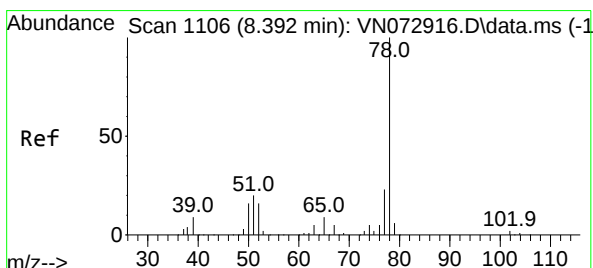
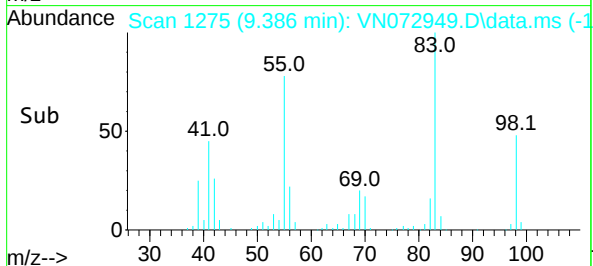
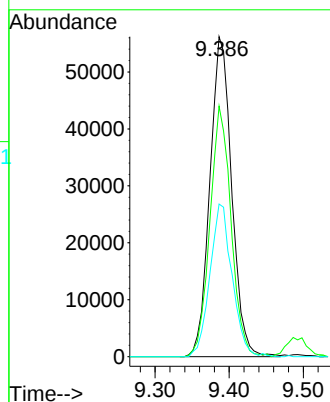
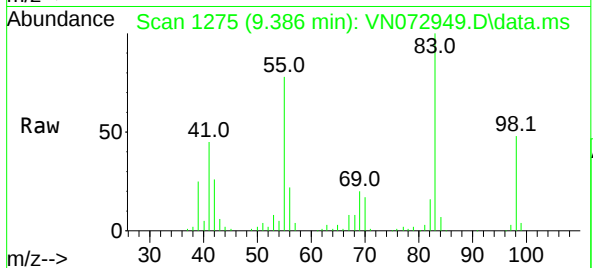
Ion	Ratio	Lower	Upper
83	100		
55	78.3	57.8	86.8
98	47.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#40

Benzene

Concen: 19.373 ug/l

RT: 8.386 min Scan# 1105

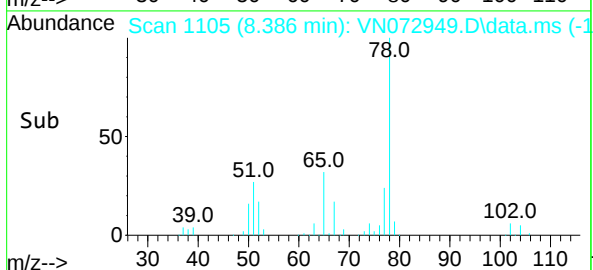
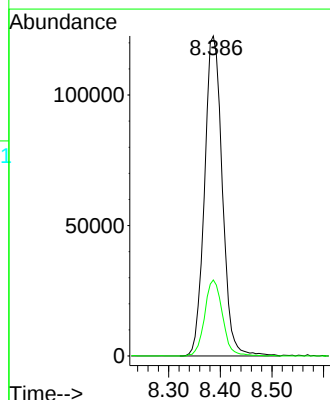
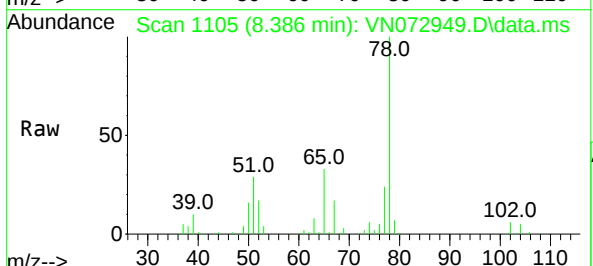
Delta R.T. -0.006 min

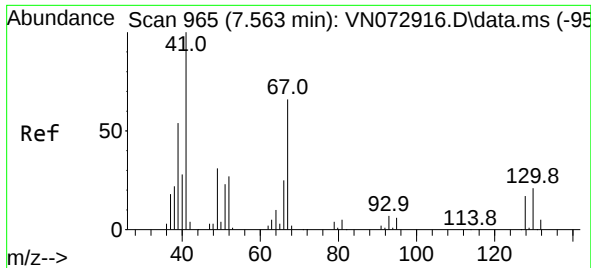
Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Tgt Ion: 78 Resp: 293043

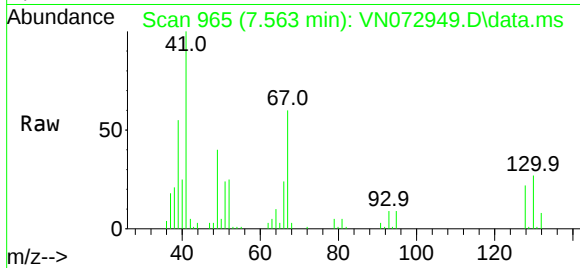
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





#41
Methacrylonitrile
Concen: 19.697 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

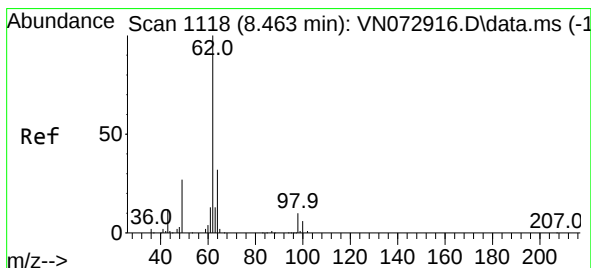
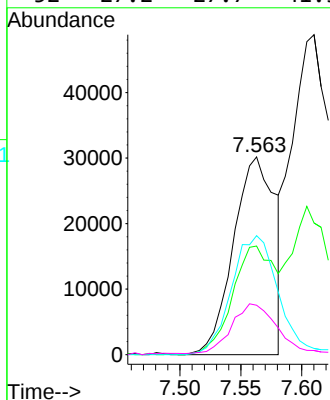
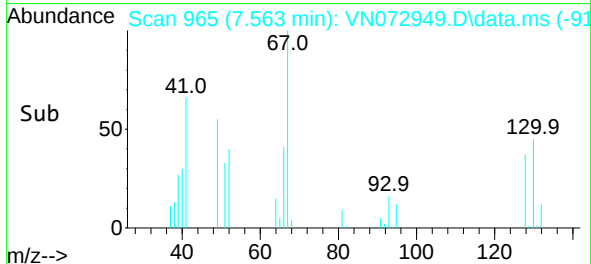
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



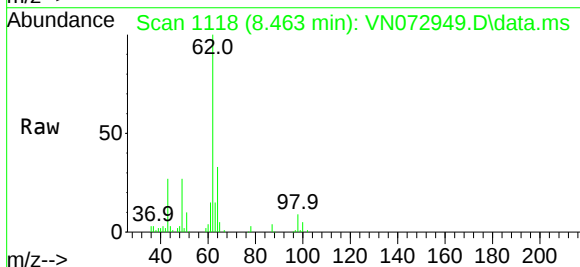
Tgt Ion:	41	Resp:	71908
Ion Ratio	100	Lower	Upper
39	55.6	48.6	73.0
67	68.4	73.4	110.2
52	27.2	27.7	41.5

Manual Integrations
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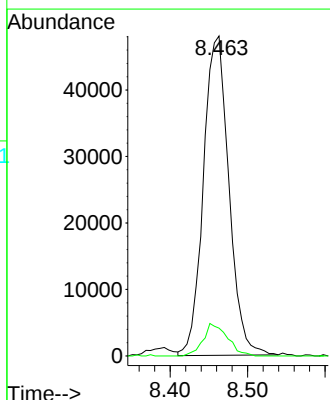
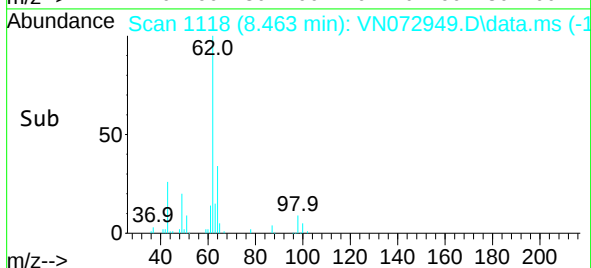
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

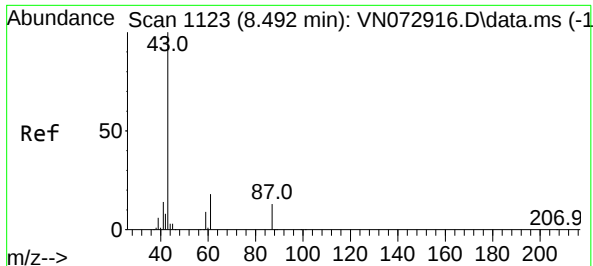


#42
1,2-Dichloroethane
Concen: 20.457 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



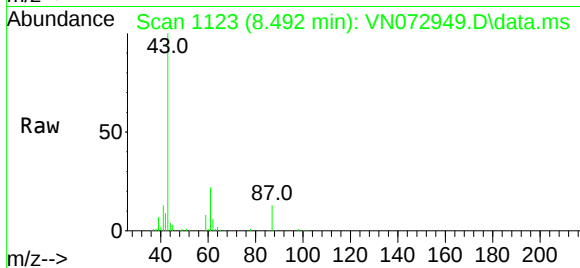
Tgt Ion:	62	Resp:	109907
Ion Ratio	100	Lower	Upper
98	9.7	0.0	19.4





#43
Isopropyl Acetate
Concen: 19.145 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

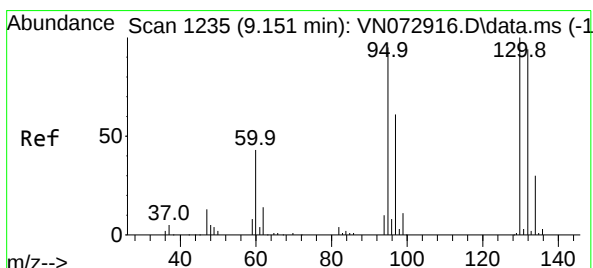
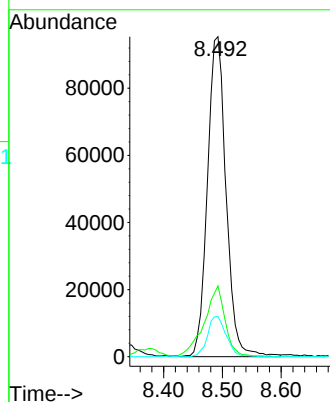
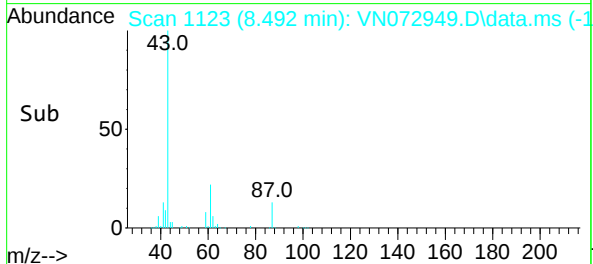
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



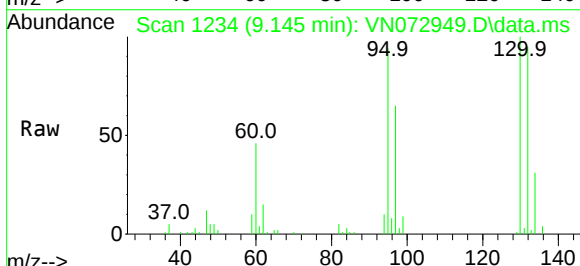
Tgt Ion: 43 Resp: 21068
Ion Ratio Lower Upper
43 100
61 24.9 21.9 32.9
87 12.6 12.0 18.0

Manual Integrations
APPROVED

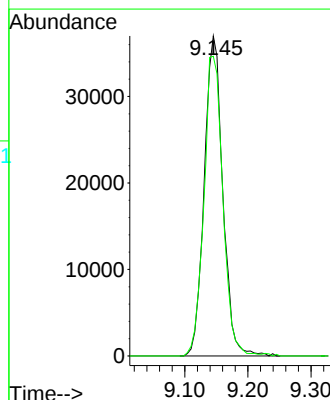
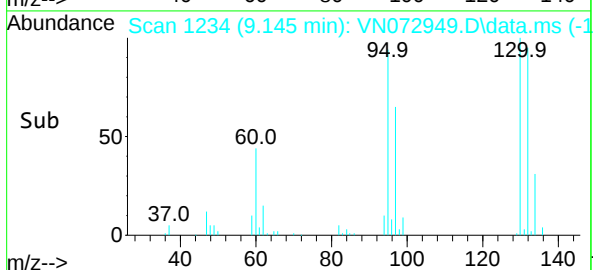
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

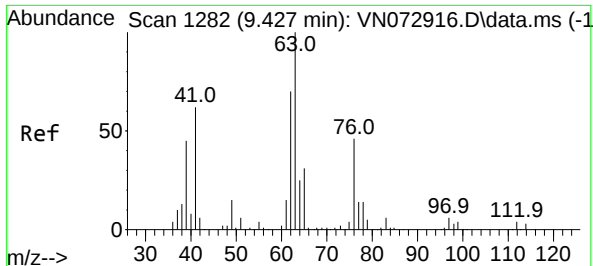


#44
Trichloroethene
Concen: 19.702 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion:130 Resp: 75525
Ion Ratio Lower Upper
130 100
95 93.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.480 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 63 Resp: 75318

Ion Ratio Lower Upper

63 100

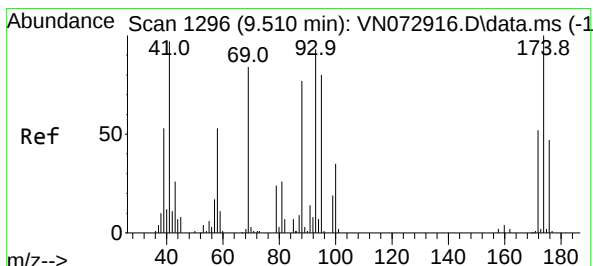
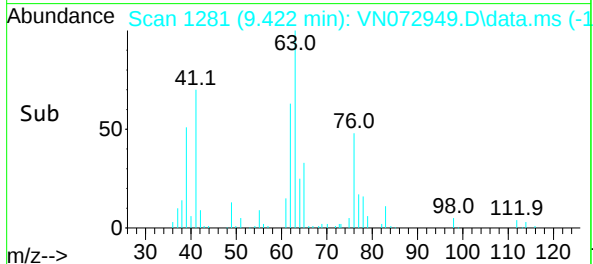
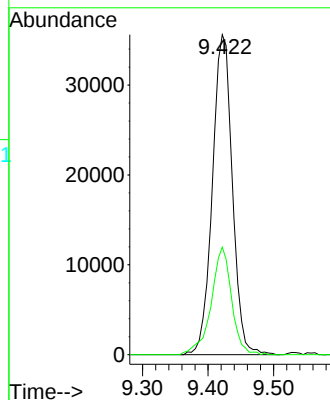
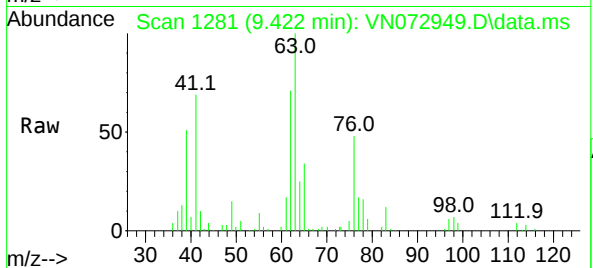
65 33.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#46

Dibromomethane

Concen: 19.976 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

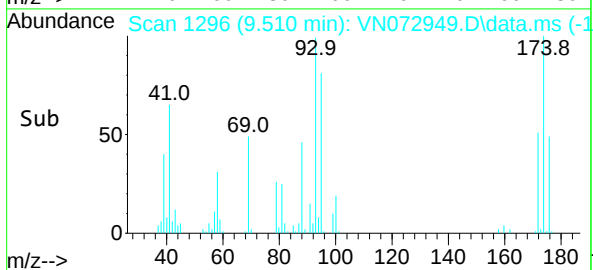
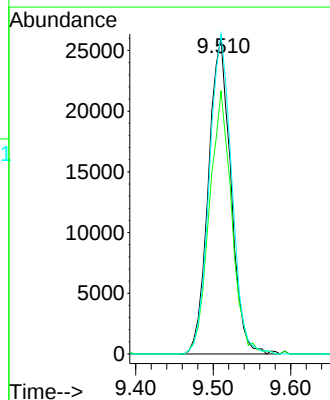
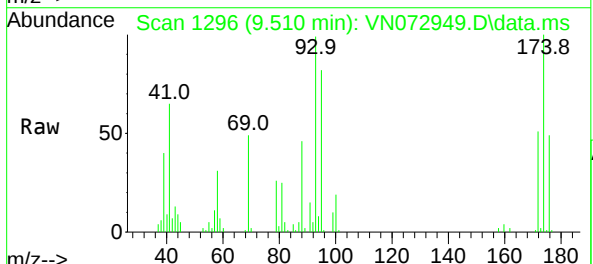
Tgt Ion: 93 Resp: 52224

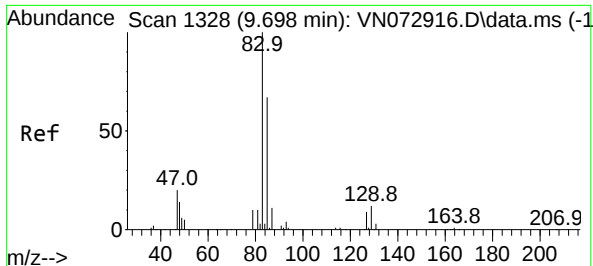
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

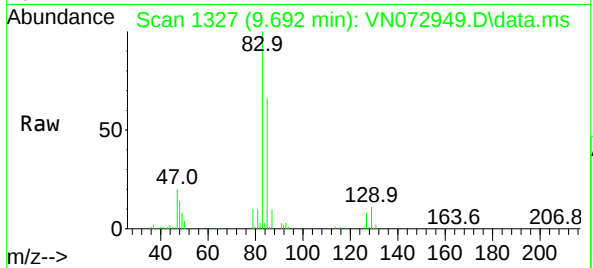
174 101.3 86.6 130.0





#47
Bromodichloromethane
Concen: 20.396 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

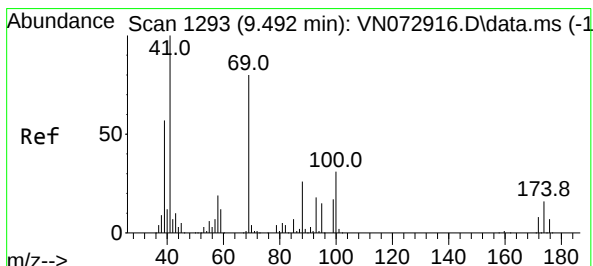
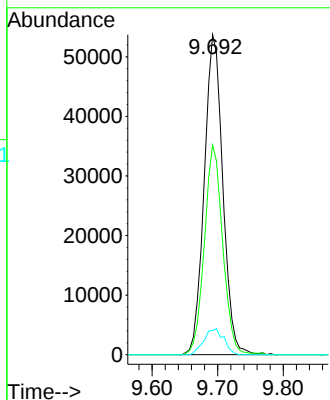
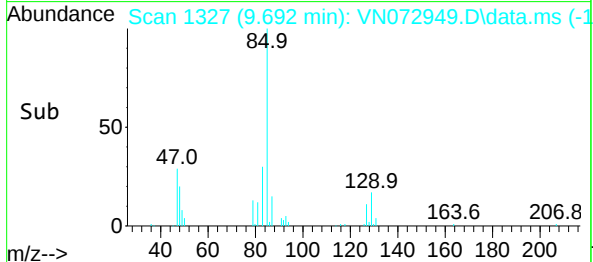
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



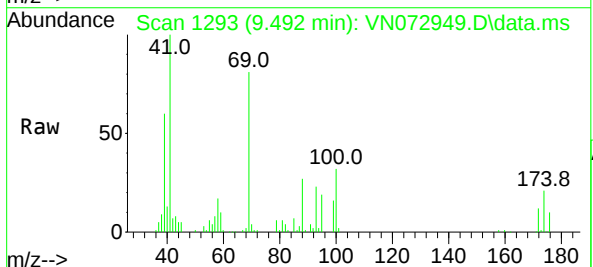
Tgt Ion: 83 Resp: 10597
Ion Ratio Lower Upper
83 100
85 65.5 50.5 75.7
127 7.5 6.8 10.2

Manual Integrations
APPROVED

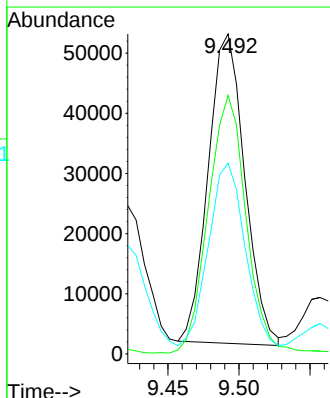
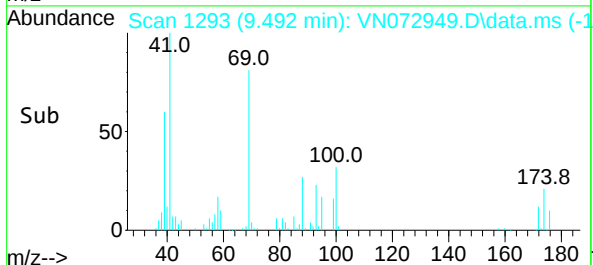
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

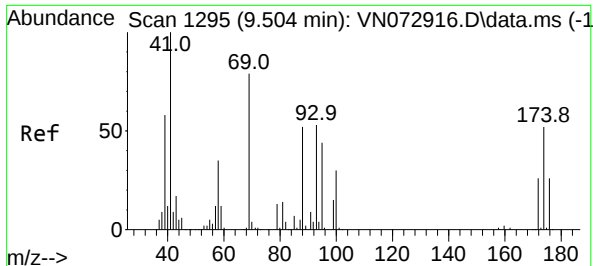


#48
Methyl methacrylate
Concen: 18.289 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion: 41 Resp: 91894
Ion Ratio Lower Upper
41 100
69 87.8 74.7 112.1
39 64.2 45.6 68.4





#49

1,4-Dioxane

Concen: 304.861 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion: 88 Resp: 3446

Ion Ratio Lower Upper

88 100

43 30.6 20.2 30.4

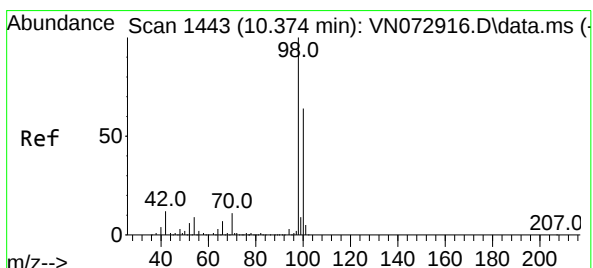
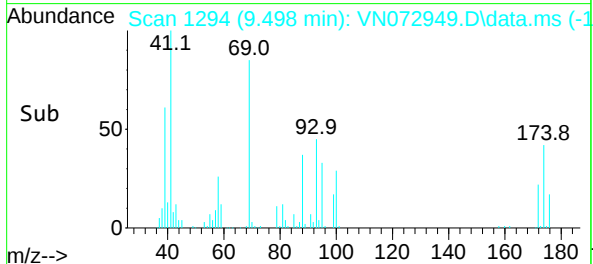
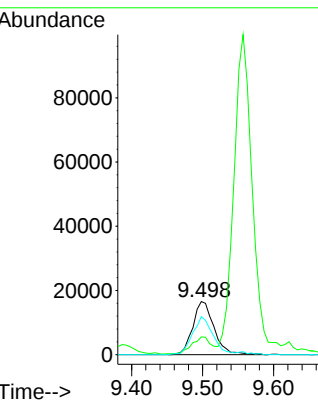
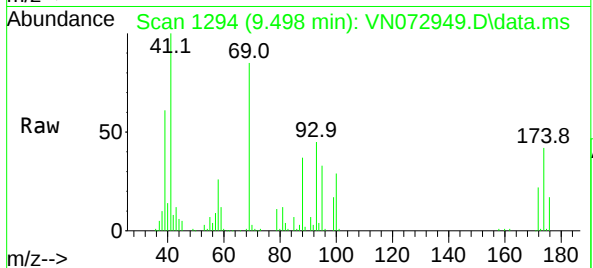
58 68.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#50

Toluene-d8

Concen: 49.744 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072949.D

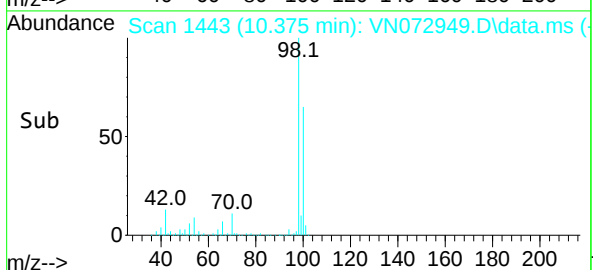
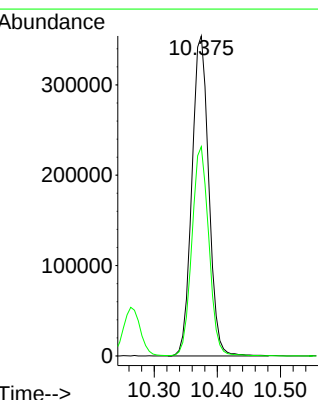
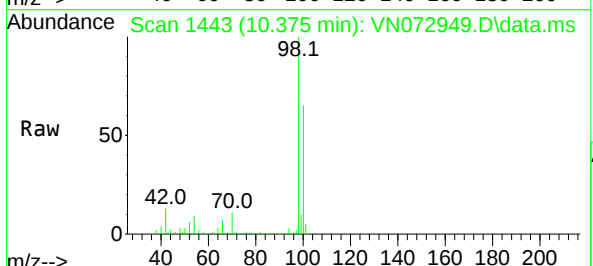
Acq: 20 Jun 2022 10:14

Tgt Ion: 98 Resp: 658402

Ion Ratio Lower Upper

98 100

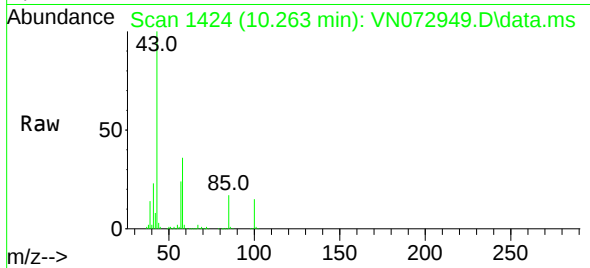
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 91.702 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

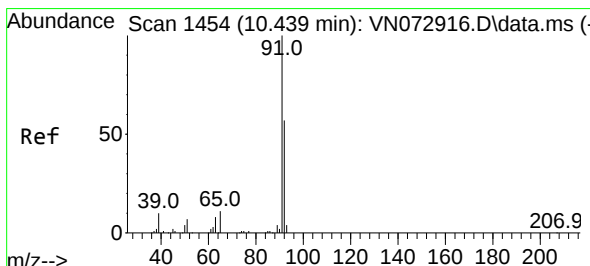
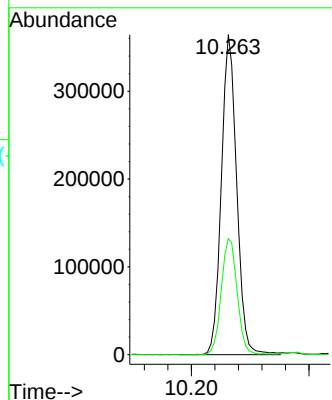
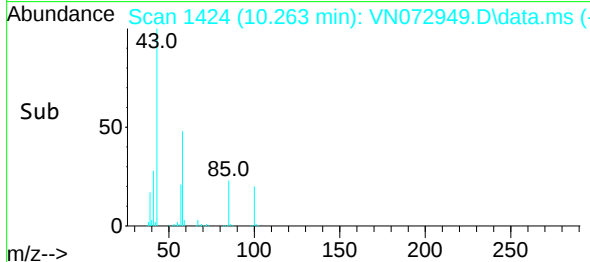
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 43 Resp: 658070
Ion Ratio Lower Upper
43 100
58 37.5 34.1 51.1

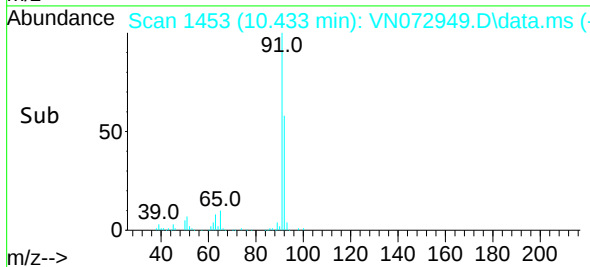
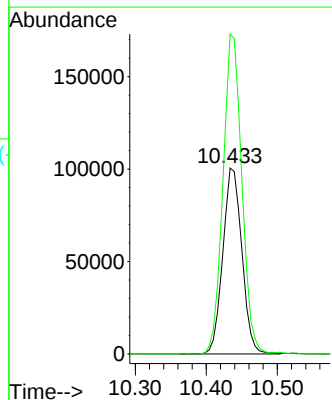
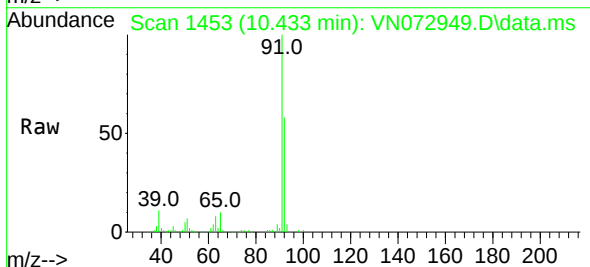
Manual Integrations
APPROVED

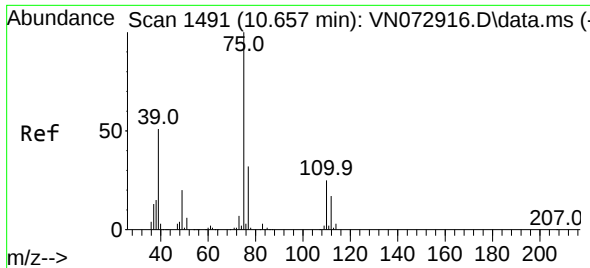
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#52
Toluene
Concen: 20.145 ug/l
RT: 10.433 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

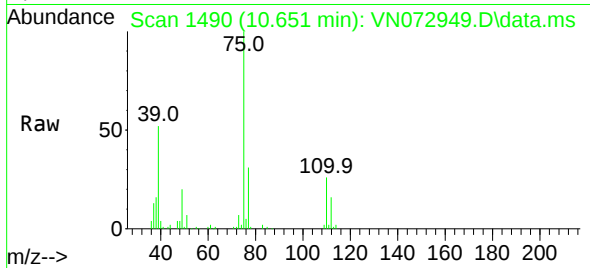
Tgt Ion: 92 Resp: 187087
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.700 ug/l
RT: 10.651 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

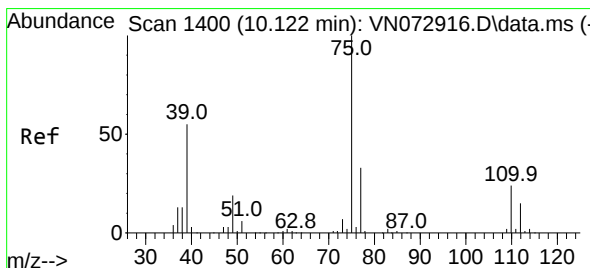
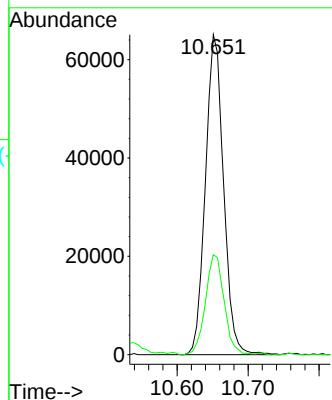
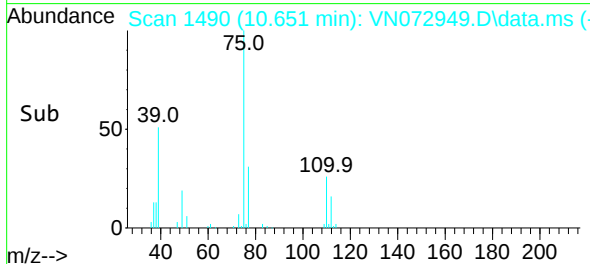
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 75 Resp: 115664
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

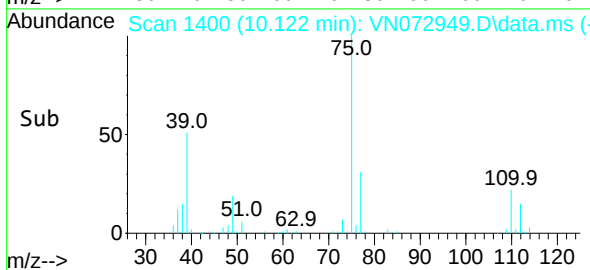
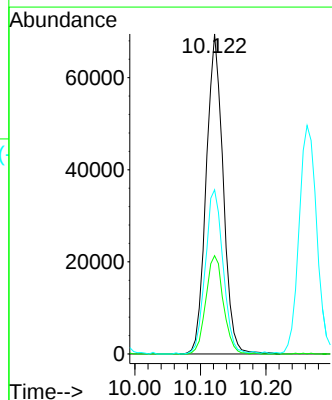
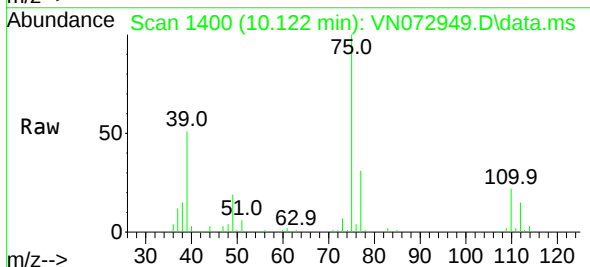
Manual Integrations
APPROVED

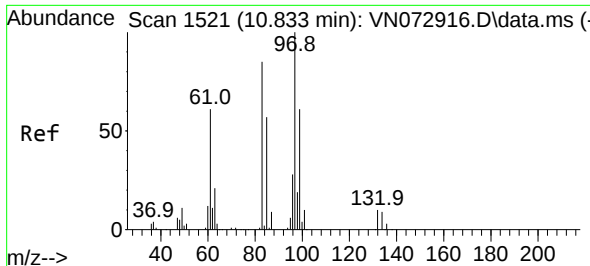
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.456 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

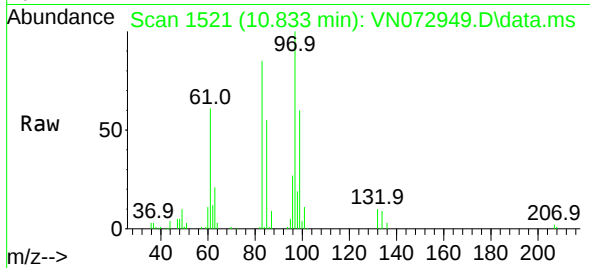
Tgt Ion: 75 Resp: 124852
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 51.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.099 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

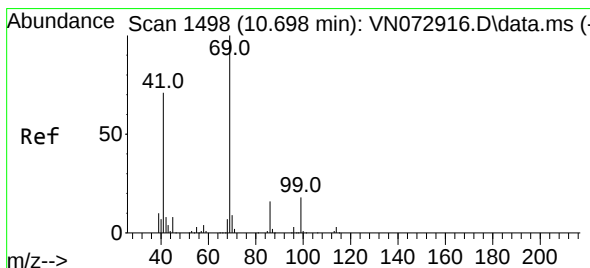
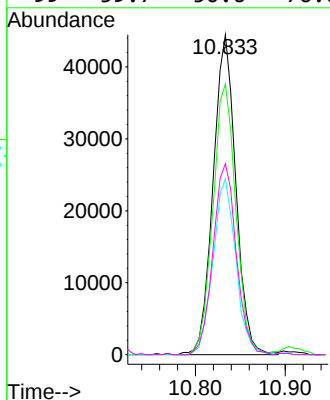
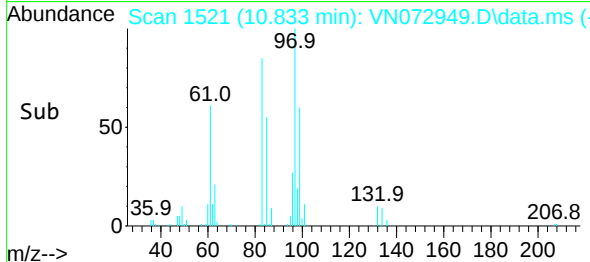
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



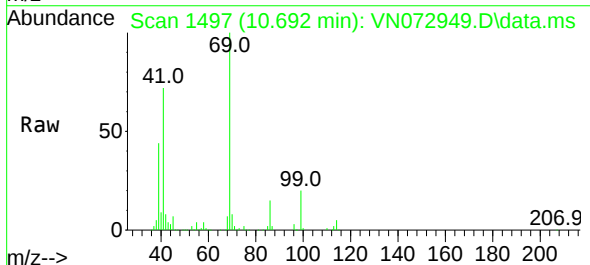
Tgt Ion:	97	Resp:	7788
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.4
85	54.9	43.9	65.9
99	59.7	50.6	76.0

Manual Integrations
APPROVED

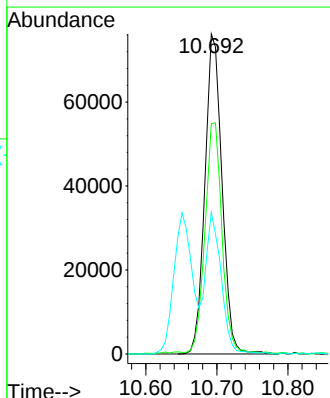
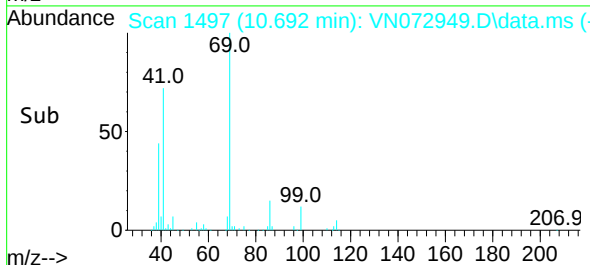
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

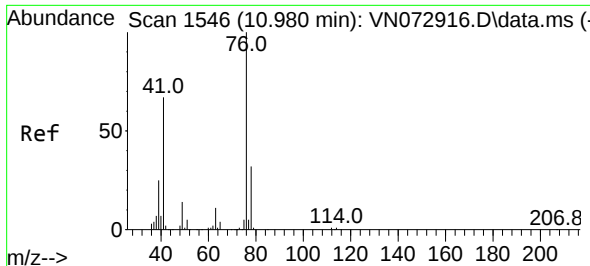


#56
Ethyl methacrylate
Concen: 19.540 ug/l
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion:	69	Resp:	127710
Ion	Ratio	Lower	Upper
69	100		
41	73.7	47.8	71.6#
39	40.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.585 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072949.D

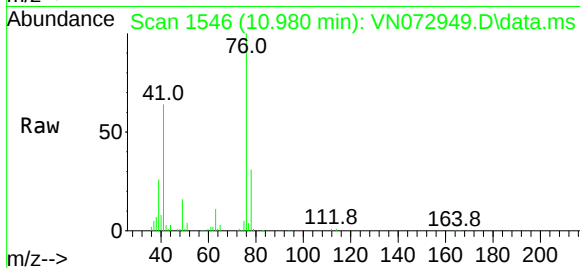
Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01



Tgt Ion: 76 Resp: 132492

Ion Ratio Lower Upper

76 100

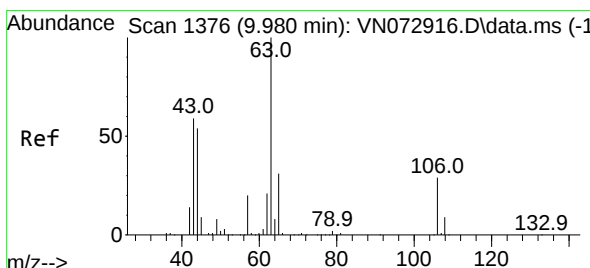
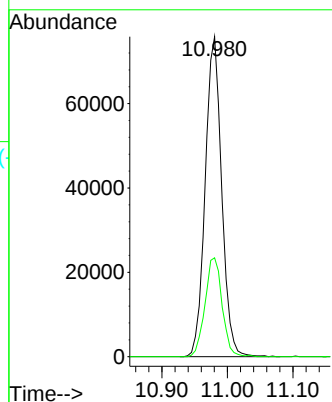
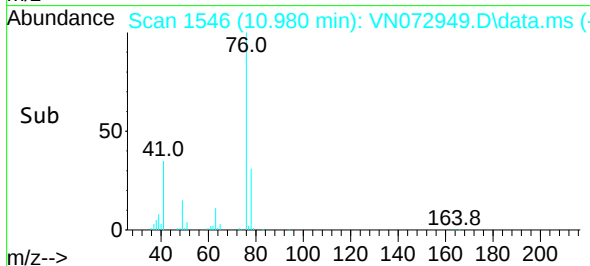
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.097 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN072949.D

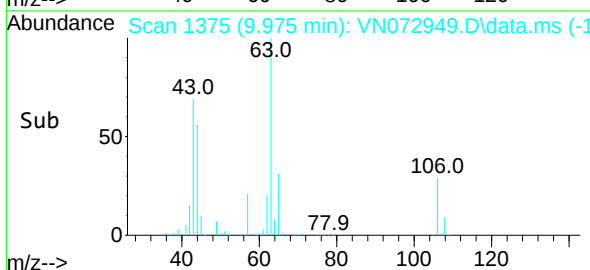
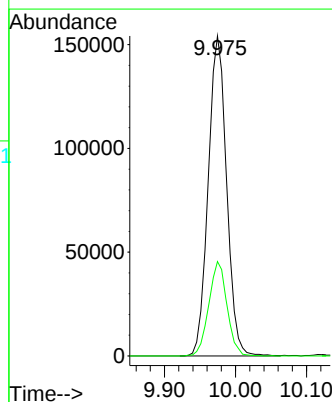
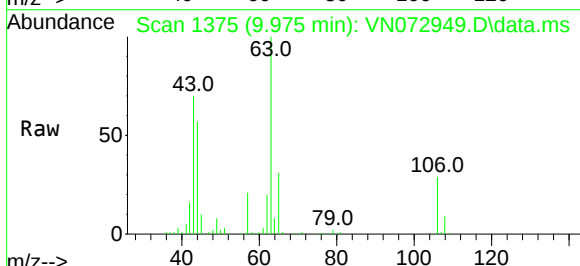
Acq: 20 Jun 2022 10:14

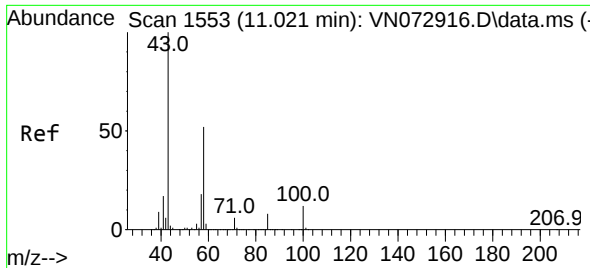
Tgt Ion: 63 Resp: 277287

Ion Ratio Lower Upper

63 100

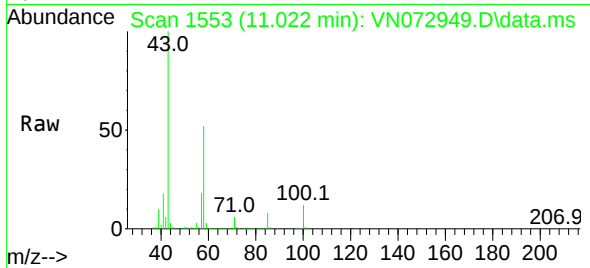
106 29.2 24.6 36.8





#59
2-Hexanone
Concen: 88.105 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

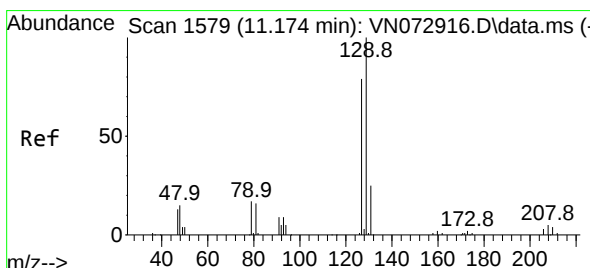
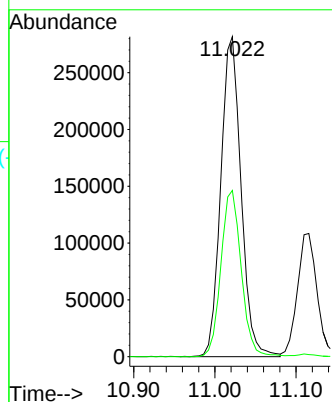
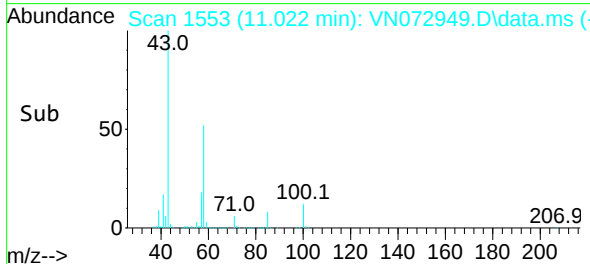
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 43 Resp: 489019
Ion Ratio Lower Upper
43 100
58 52.0 29.7 89.1

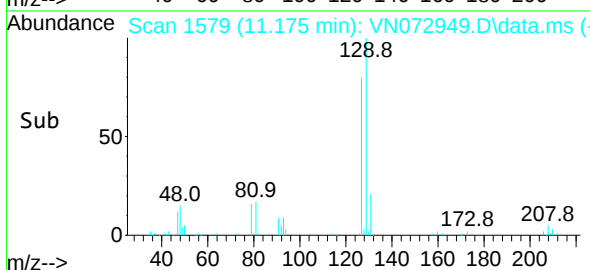
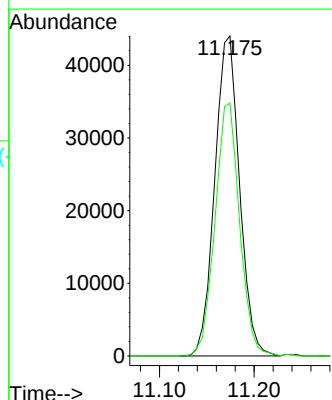
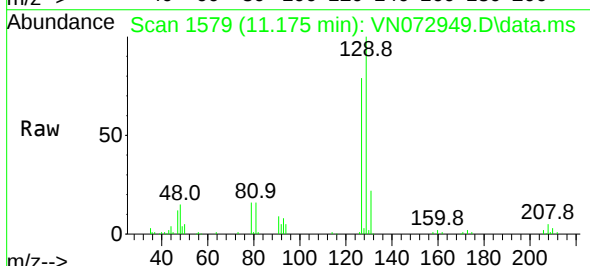
Manual Integrations
APPROVED

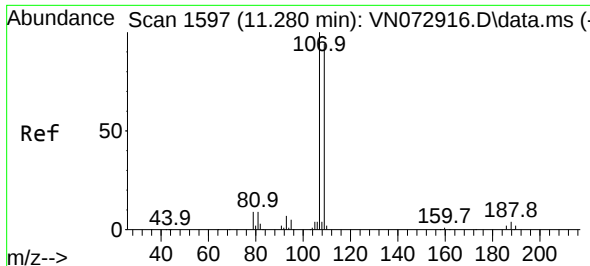
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#60
Dibromochloromethane
Concen: 20.810 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

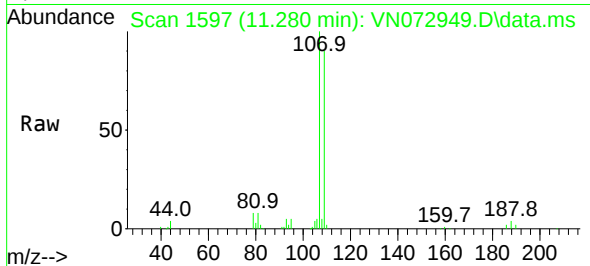
Tgt Ion:129 Resp: 80195
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.488 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

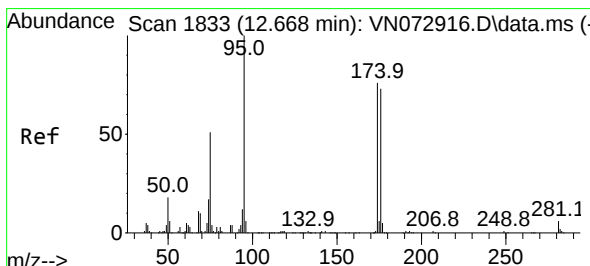
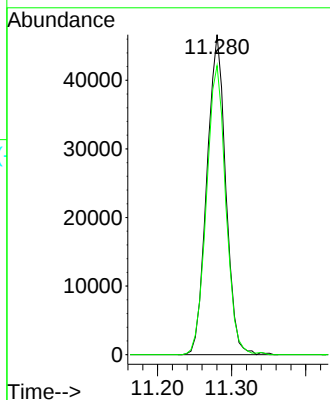
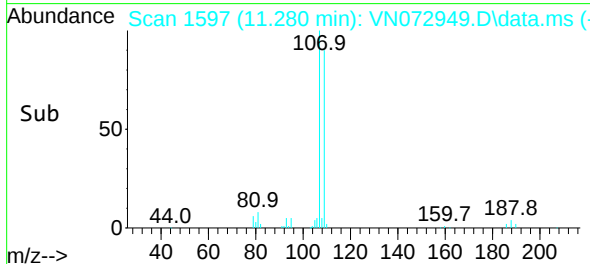
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



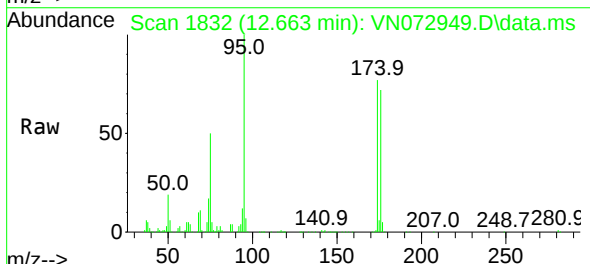
Tgt Ion:107 Resp: 82359
Ion Ratio Lower Upper
107 100
109 92.7 75.0 112.6

Manual Integrations
APPROVED

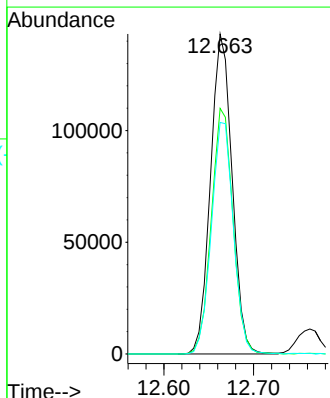
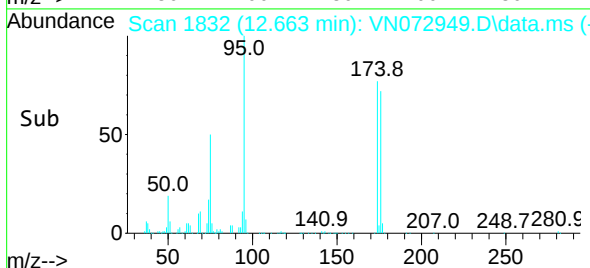
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

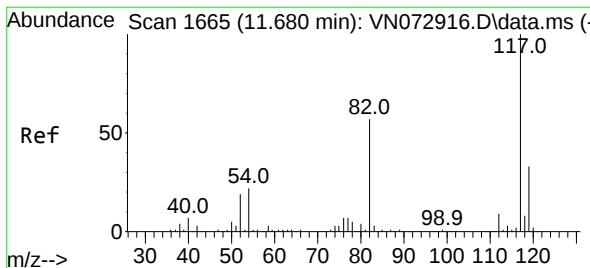


#62
4-Bromofluorobenzene
Concen: 50.311 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



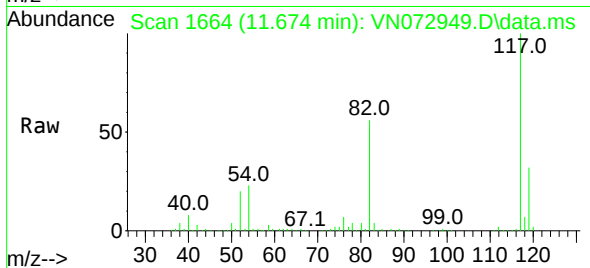
Tgt Ion: 95 Resp: 239449
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 73.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.674 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

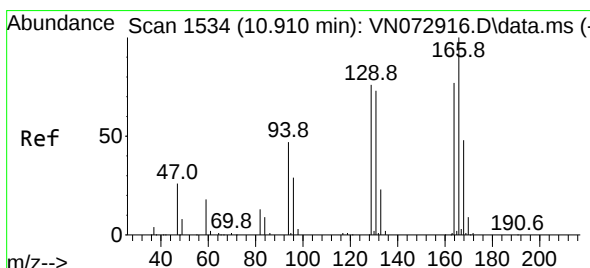
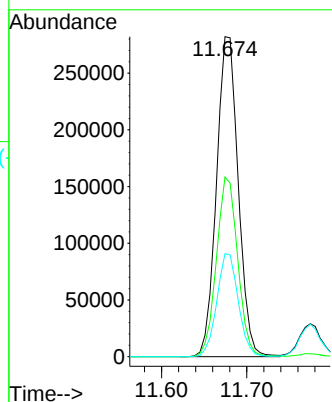
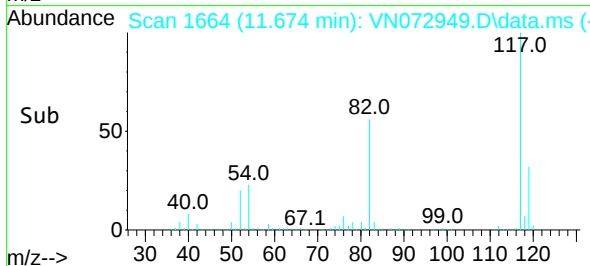
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion:117 Resp: 500254
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.2 25.4 38.0

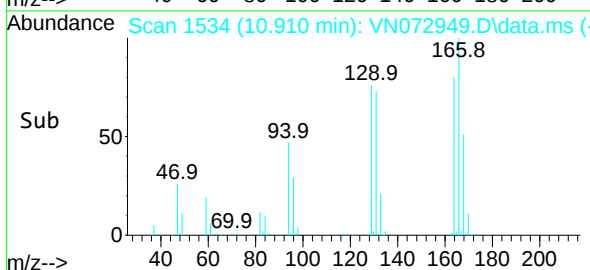
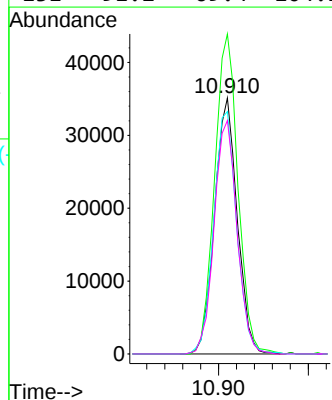
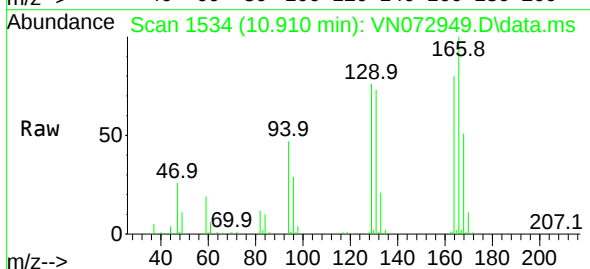
Manual Integrations
APPROVED

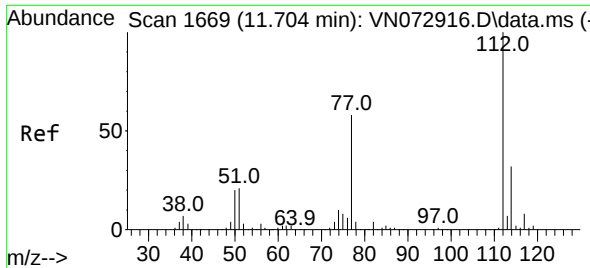
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#64
Tetrachloroethene
Concen: 20.292 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

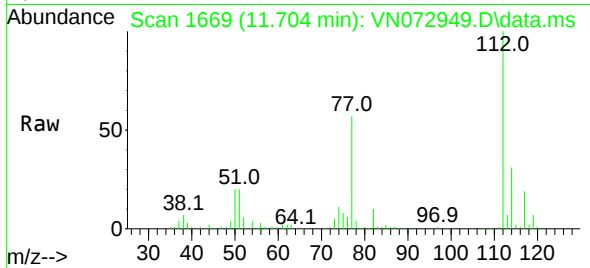
Tgt Ion:164 Resp: 61753
Ion Ratio Lower Upper
164 100
166 125.0 104.2 156.2
129 94.6 73.9 110.9
131 91.2 69.4 104.2





#65
Chlorobenzene
Concen: 20.531 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

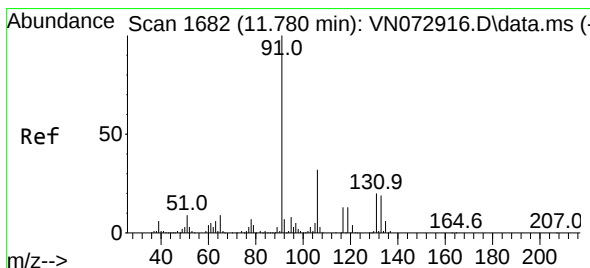
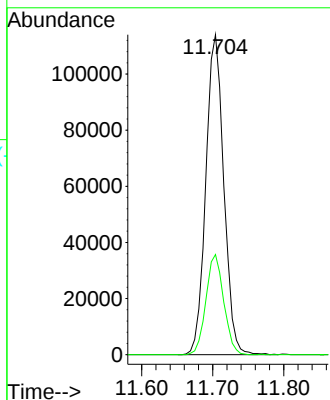
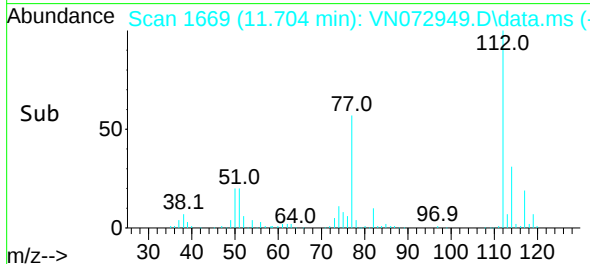
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



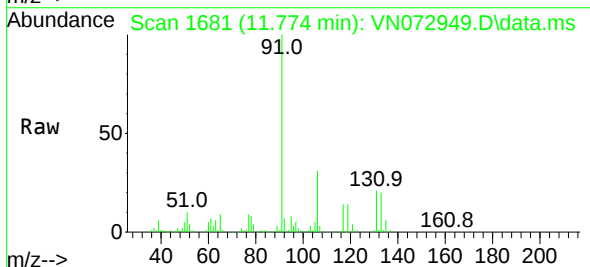
Tgt Ion:112 Resp: 200583
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

Manual Integrations
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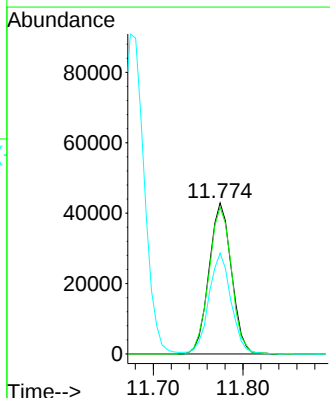
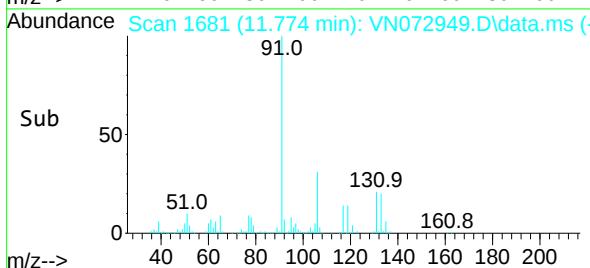
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.043 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion:131 Resp: 74529
Ion Ratio Lower Upper
131 100
133 98.0 47.8 143.4
119 66.0 33.4 100.2





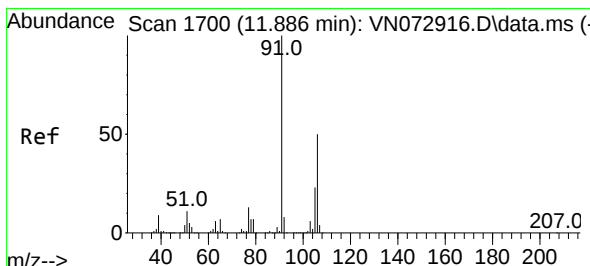
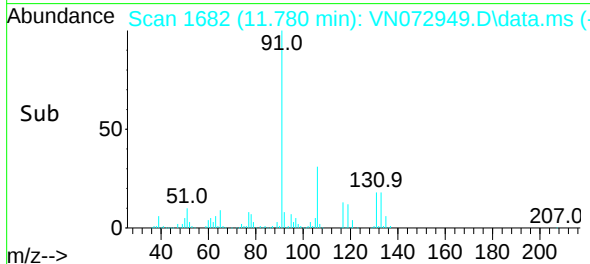
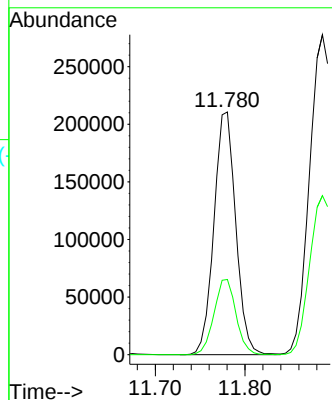
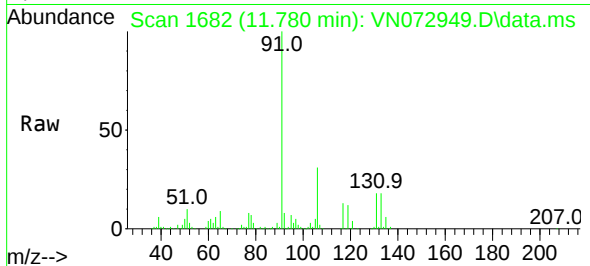
#67
Ethyl Benzene
Concen: 20.689 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion: 91 Resp: 35580
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

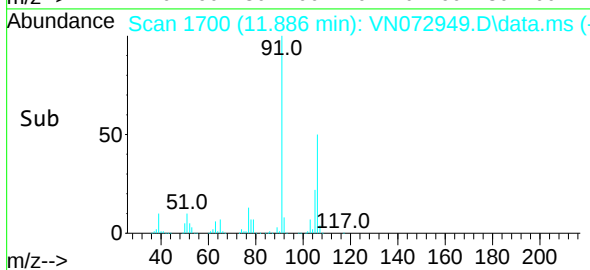
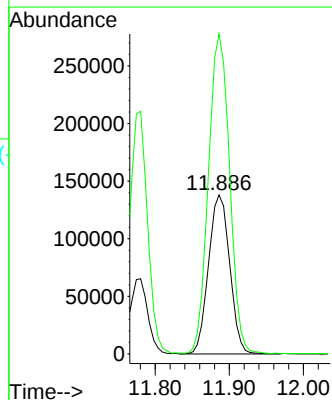
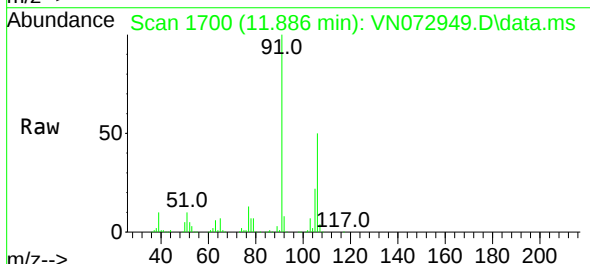
Manual Integrations
APPROVED

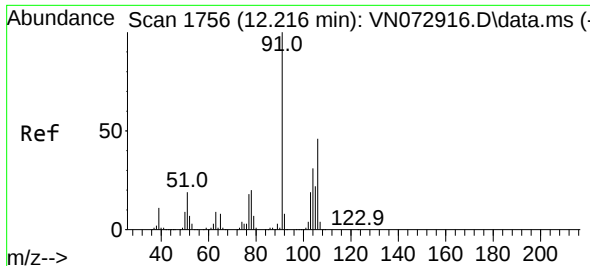
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#68
m/p-Xylenes
Concen: 40.655 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Tgt Ion:106 Resp: 274237
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3





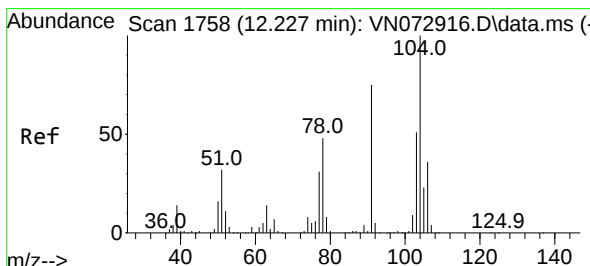
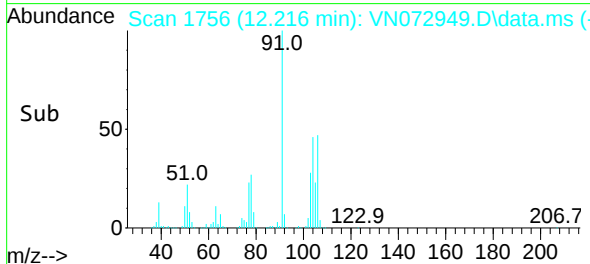
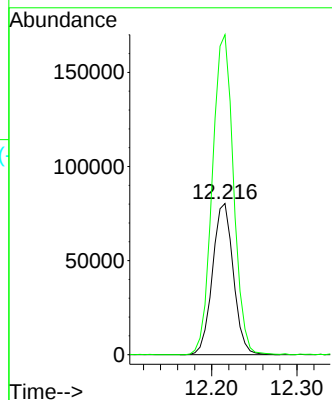
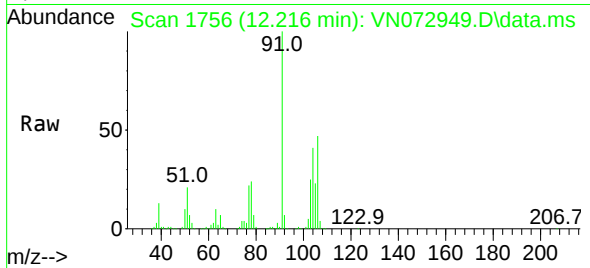
#69
o-Xylene
Concen: 20.223 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion:106 Resp: 136309
Ion Ratio Lower Upper
106 100
91 215.0 106.0 318.0

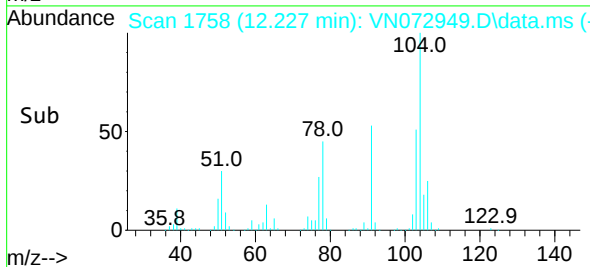
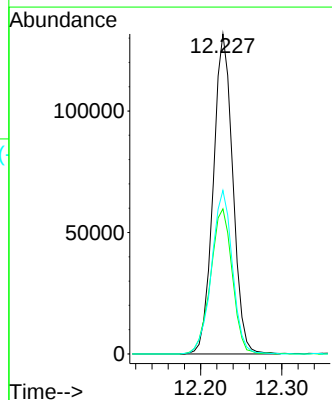
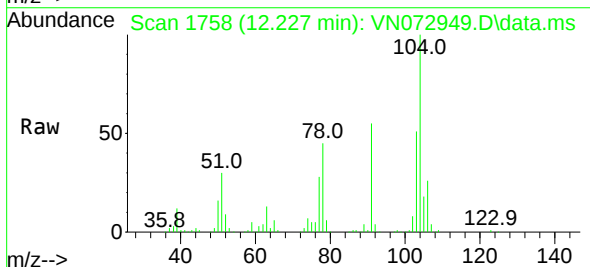
Manual Integrations
APPROVED

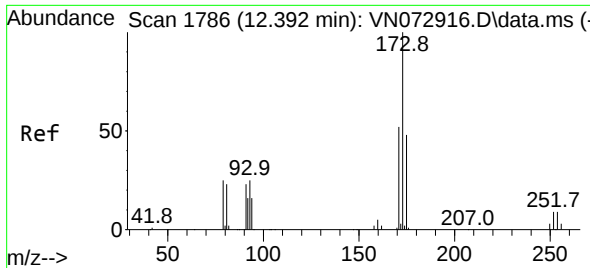
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#70
Styrene
Concen: 20.400 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

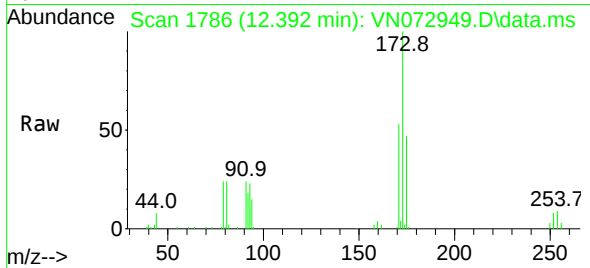
Tgt Ion:104 Resp: 220811
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 54.4 44.0 66.0





#71
Bromoform
Concen: 20.604 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

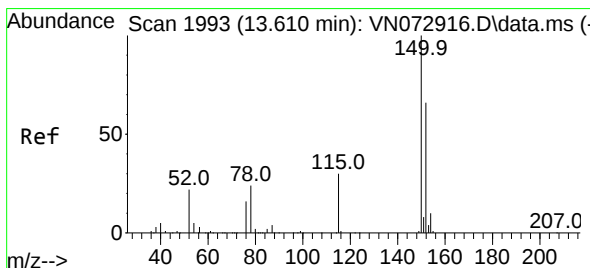
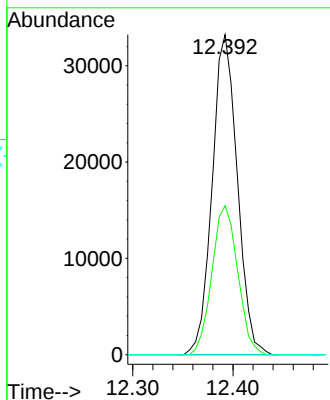
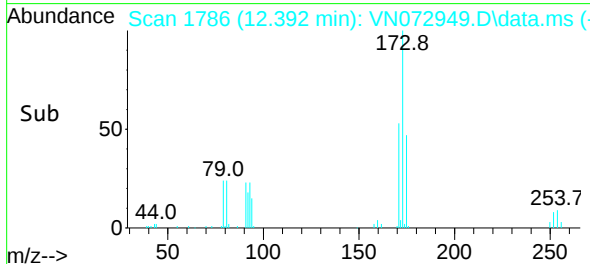
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



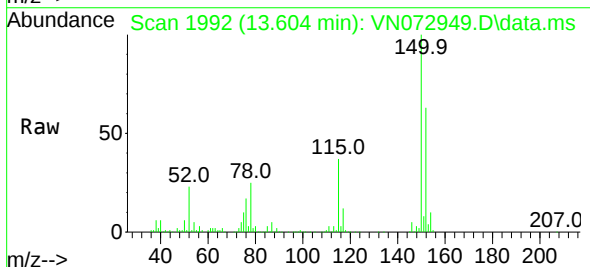
Tgt Ion:173 Resp: 57769
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

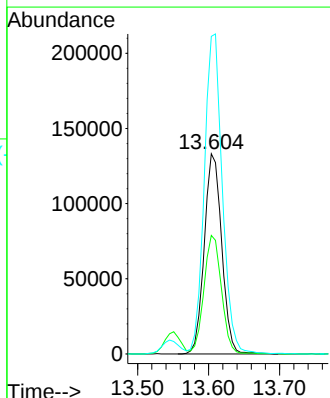
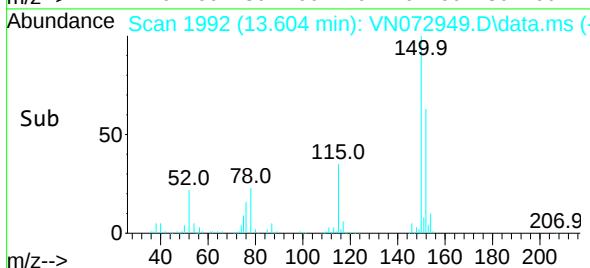
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

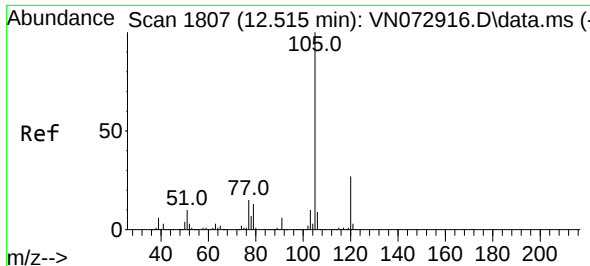


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.604 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion:152 Resp: 227813
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 164.6 0.0 356.2





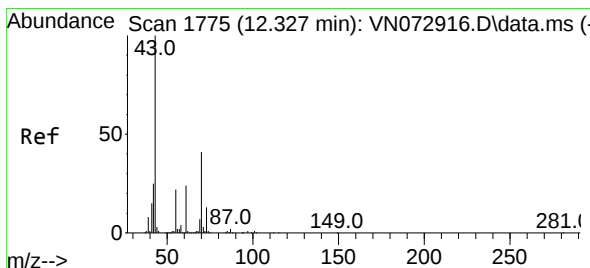
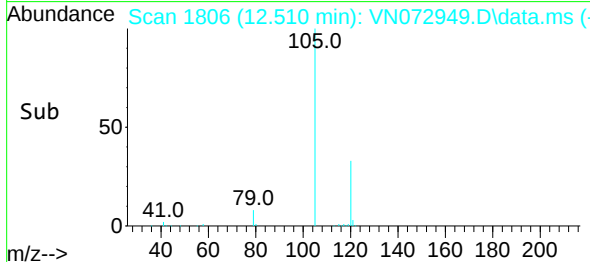
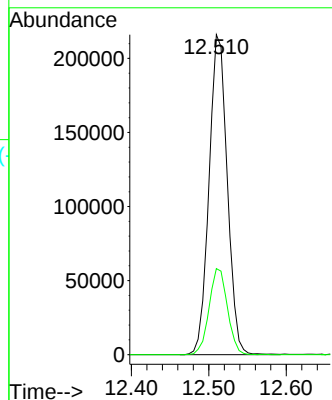
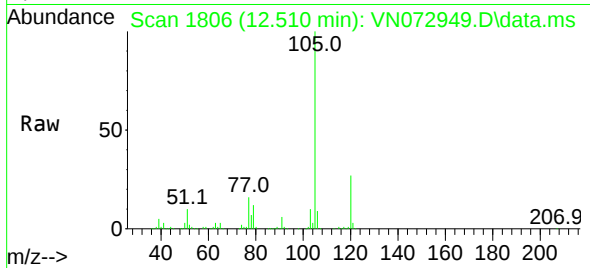
#73
Isopropylbenzene
Concen: 20.057 ug/l
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion:105 Resp: 353480
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

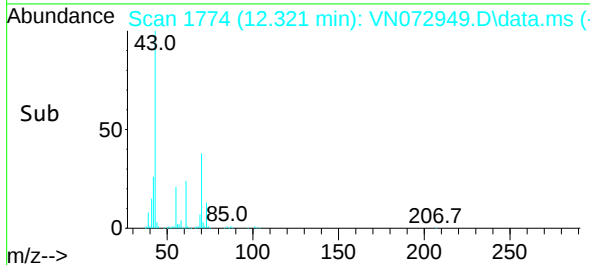
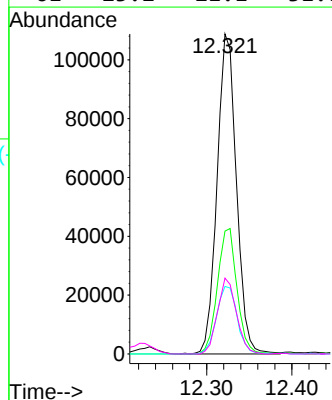
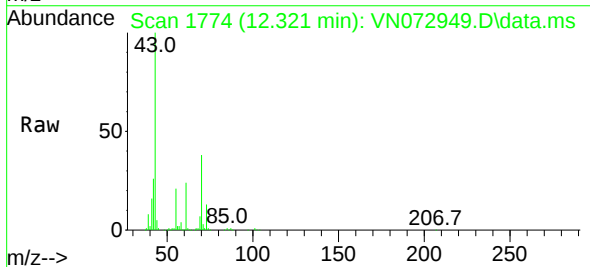
Manual Integrations
APPROVED

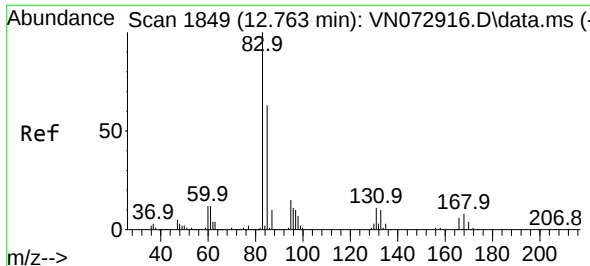
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#74
N-ethyl acetate
Concen: 18.759 ug/l
RT: 12.321 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

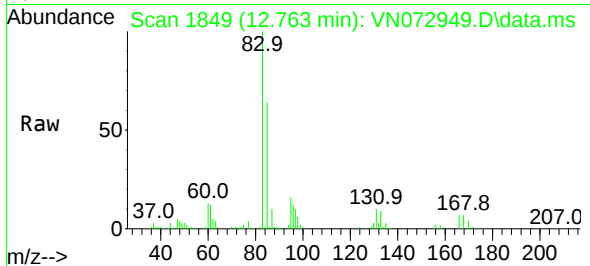
Tgt Ion: 43 Resp: 171565
Ion Ratio Lower Upper
43 100
70 39.7 39.0 58.4
55 22.6 21.1 31.7
61 23.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.788 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

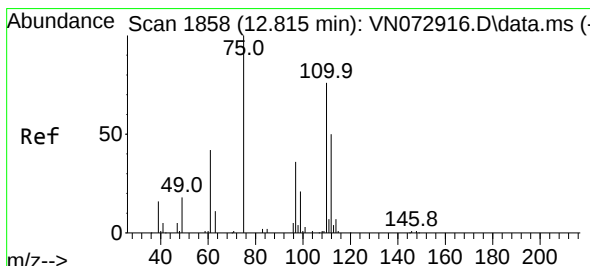
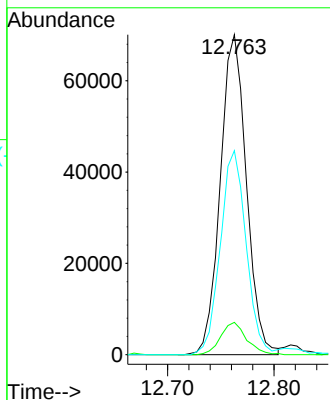
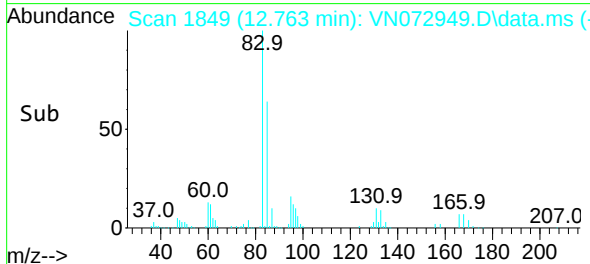
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 83 Resp: 119248
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 63.2 32.3 96.9

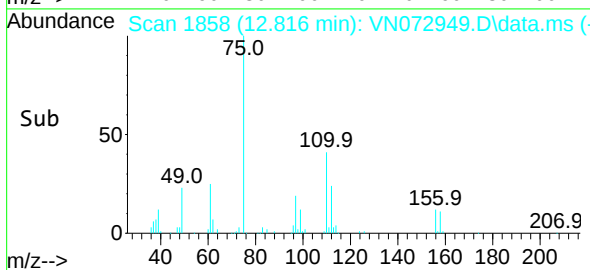
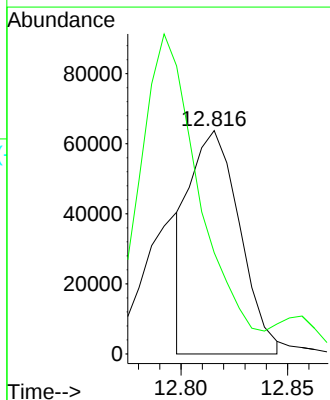
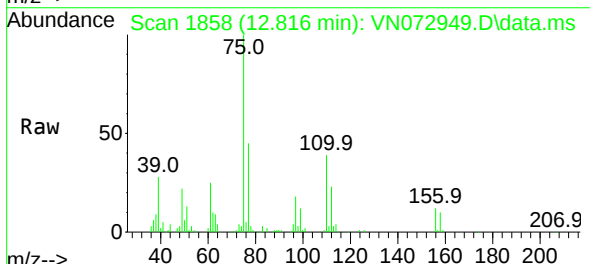
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#76
1,2,3-Trichloropropane
Concen: 18.673 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

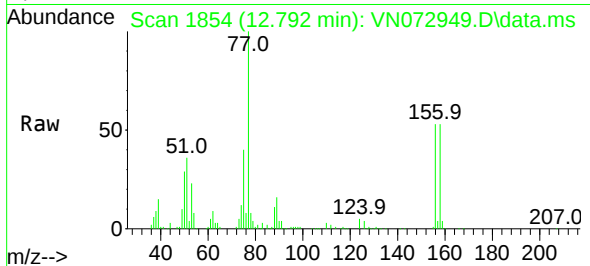
Tgt Ion: 75 Resp: 103138
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.692 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

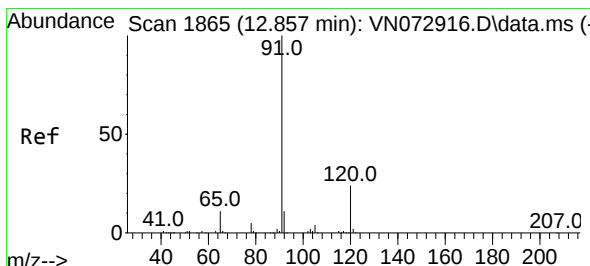
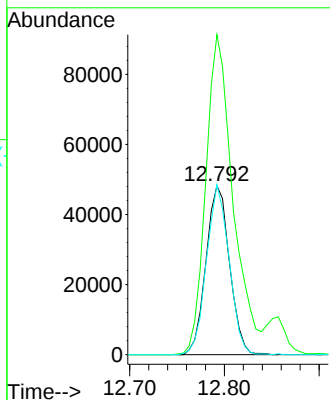
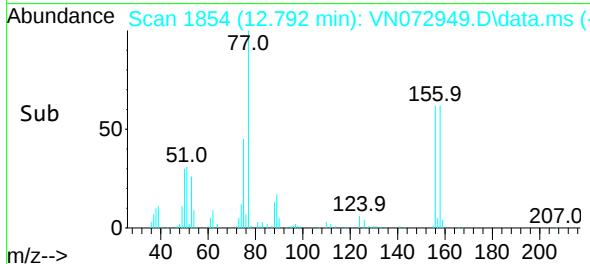
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



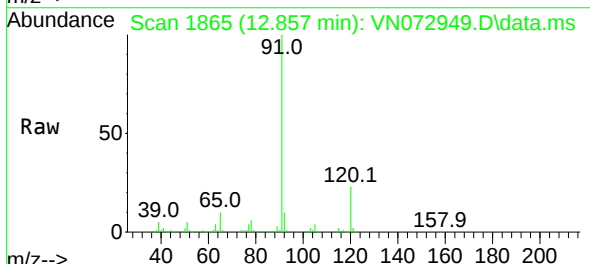
Tgt Ion:156 Resp: 83144
Ion Ratio Lower Upper
156 100
77 218.9 100.5 301.5
158 96.5 48.9 146.6

Manual Integrations
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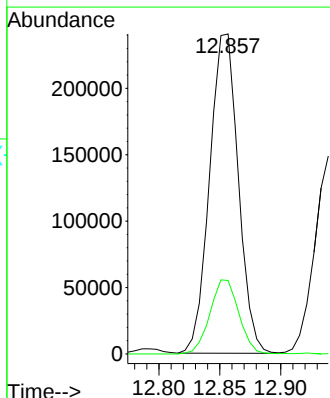
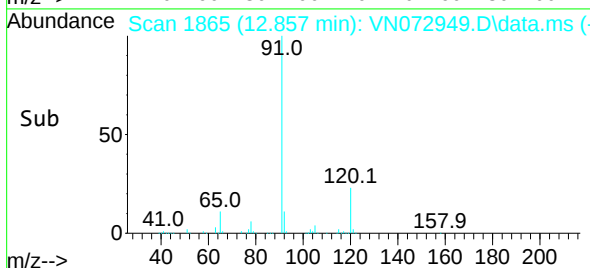
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

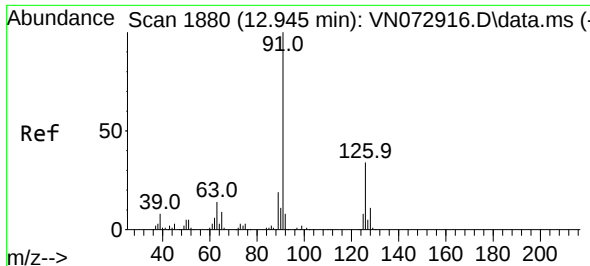


#78
n-propylbenzene
Concen: 20.342 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion: 91 Resp: 394339
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





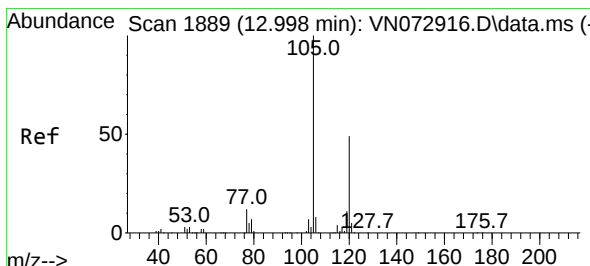
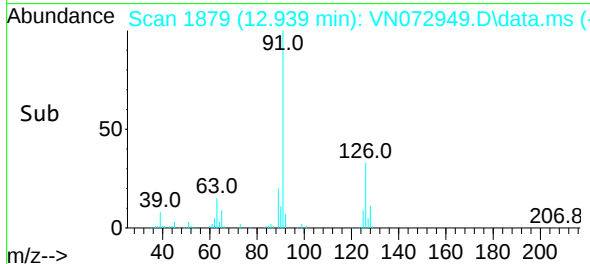
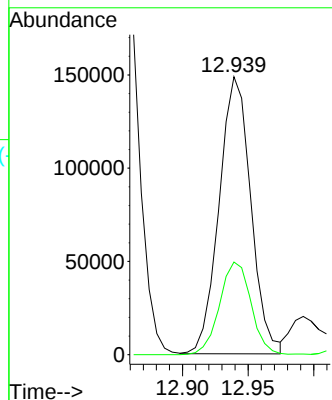
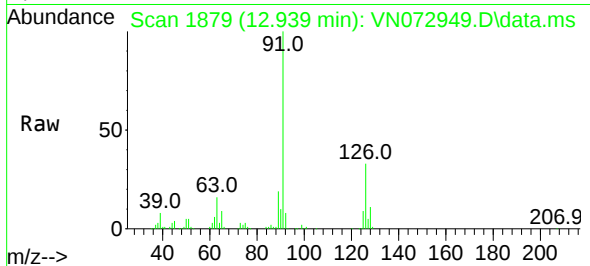
#79
2-Chlorotoluene
Concen: 19.929 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01

Tgt Ion: 91 Resp: 250178
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9

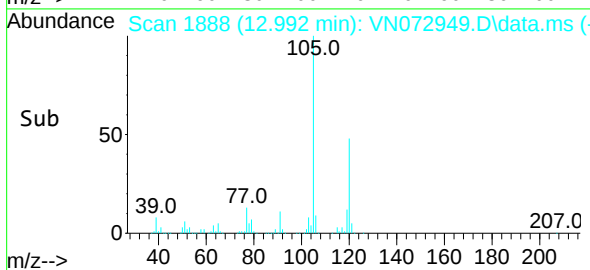
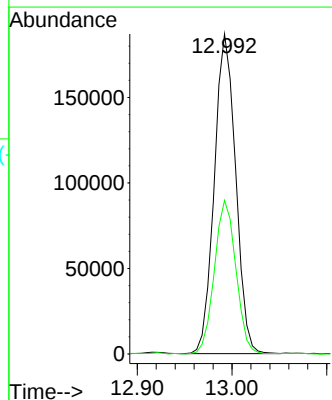
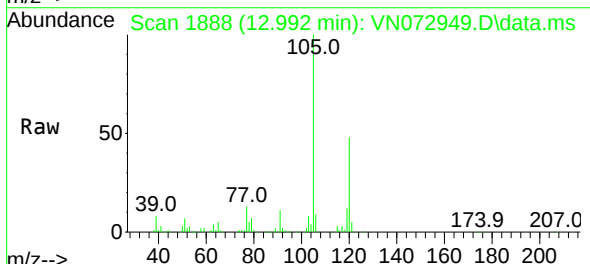
Manual Integrations
APPROVED

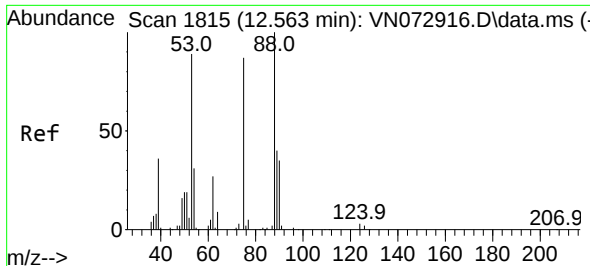
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.199 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

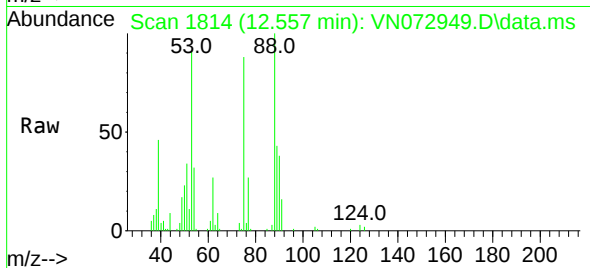
Tgt Ion:105 Resp: 292420
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.769 ug/l
RT: 12.557 min Scan# 1815
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

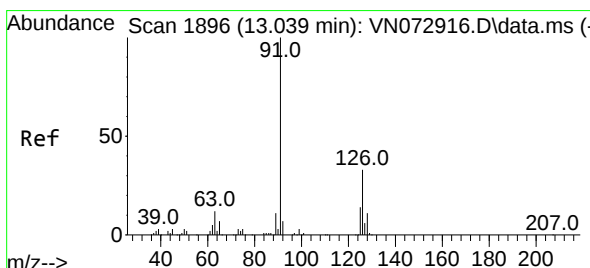
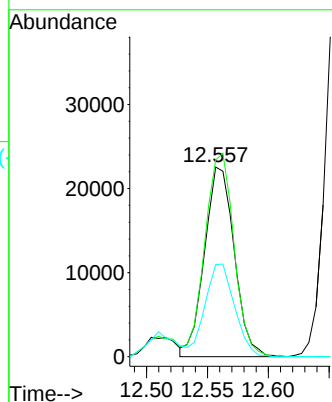
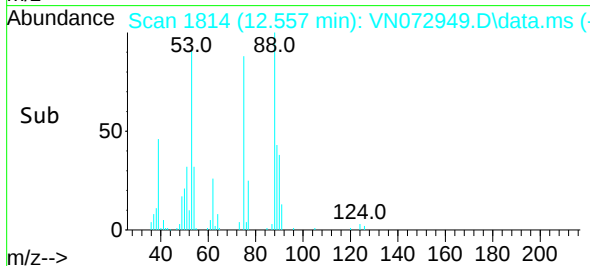
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



Tgt Ion: 75 Resp: 38380
Ion Ratio Lower Upper
75 100
53 105.3 78.0 117.0
89 48.2 37.2 55.8

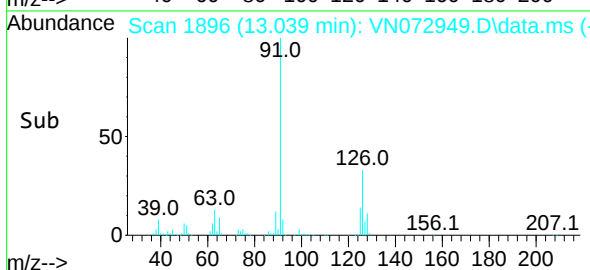
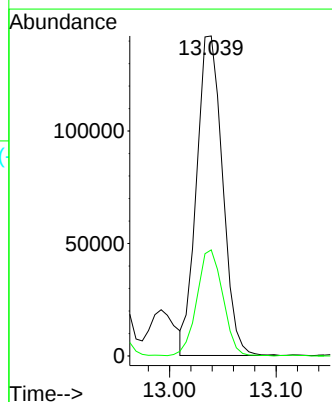
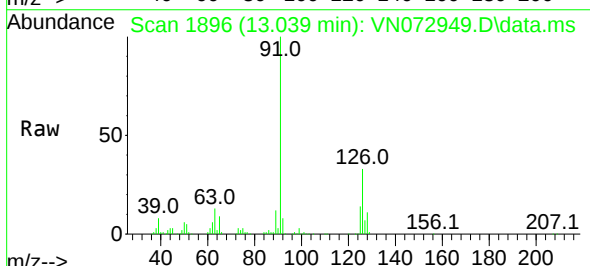
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#82
4-Chlorotoluene
Concen: 20.232 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

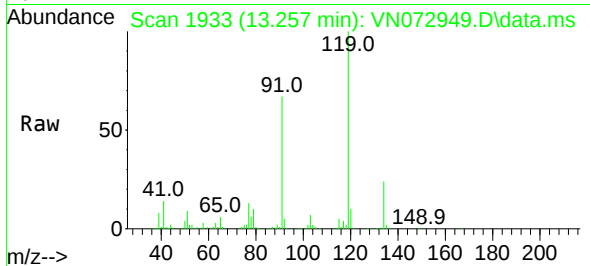
Tgt Ion: 91 Resp: 240291
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.595 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

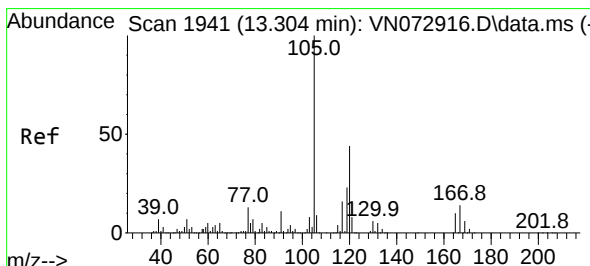
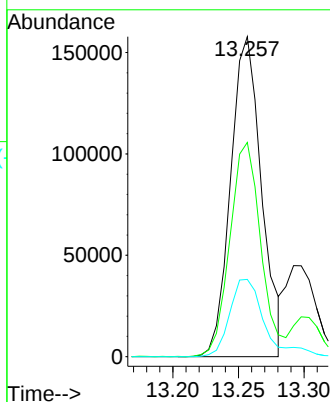
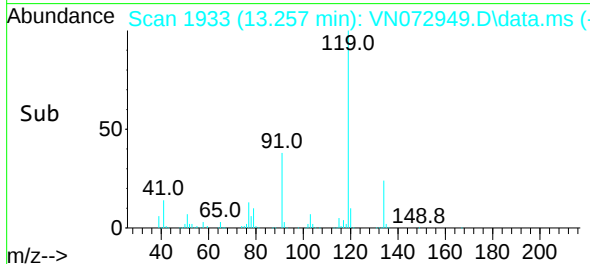
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



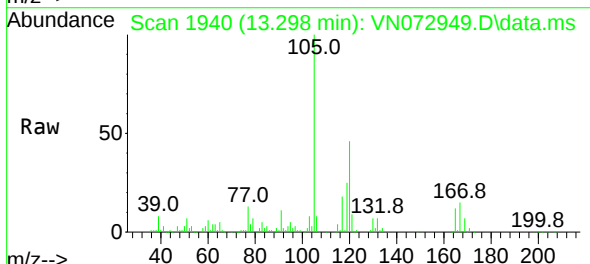
Tgt Ion:119 Resp: 259799
Ion Ratio Lower Upper
119 100
91 67.2 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
APPROVED

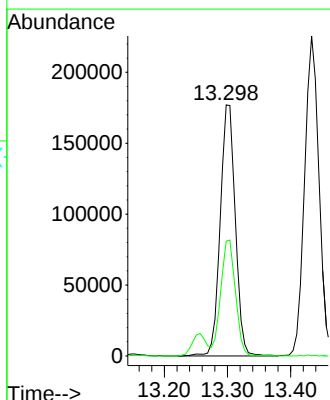
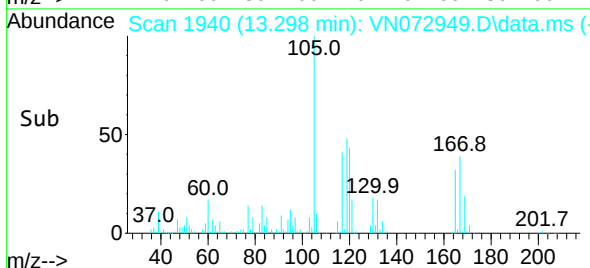
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

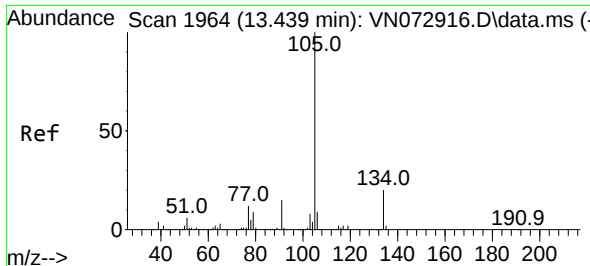


#84
1,2,4-Trimethylbenzene
Concen: 20.377 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion:105 Resp: 293826
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8





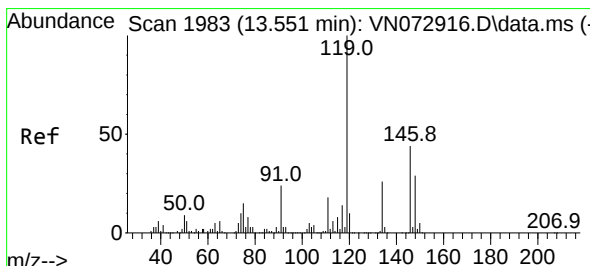
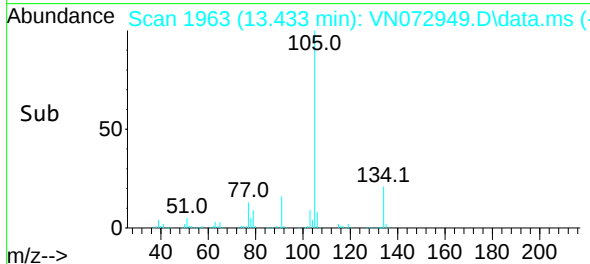
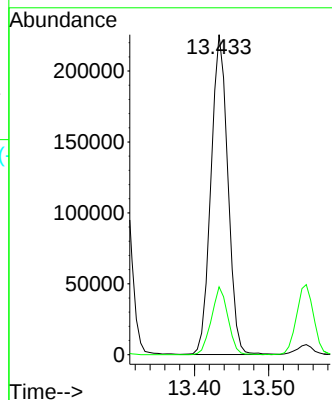
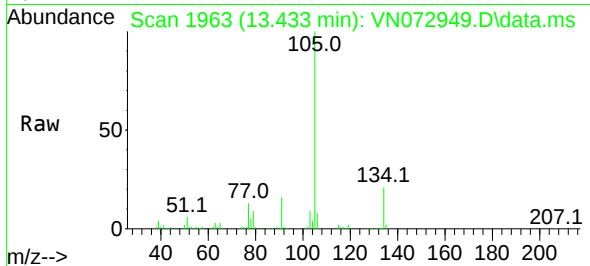
#85
 sec-Butylbenzene
 Concen: 20.206 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Tgt Ion:105 Resp: 35737
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

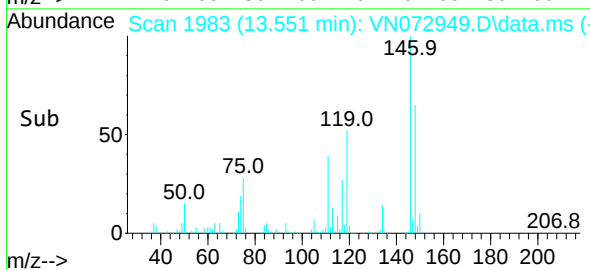
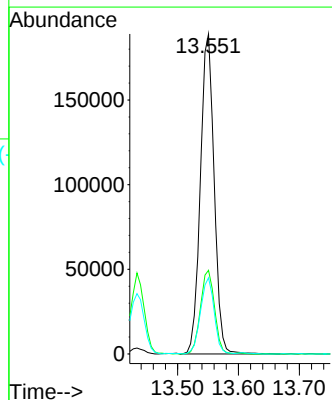
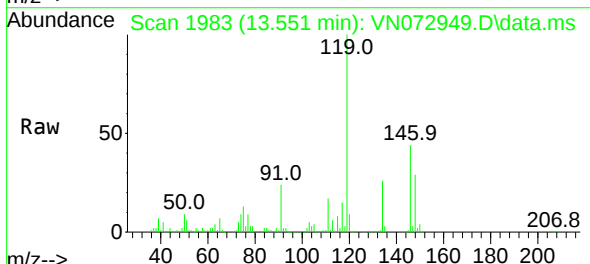
Manual Integrations
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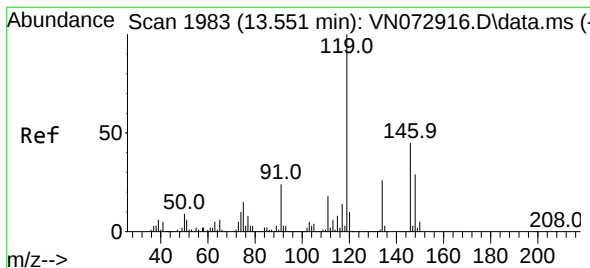
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#86
 p-Isopropyltoluene
 Concen: 20.711 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072949.D
 Acq: 20 Jun 2022 10:14

Tgt Ion:119 Resp: 296575
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.981 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

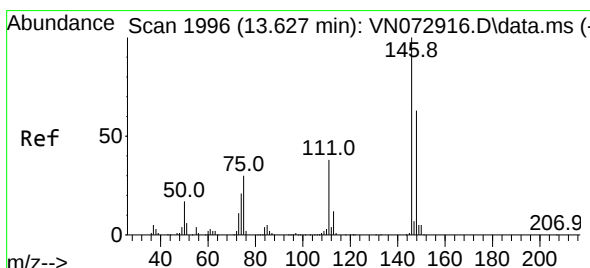
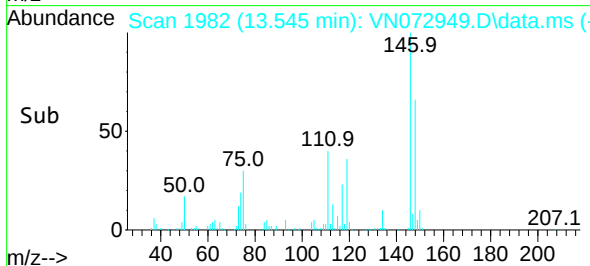
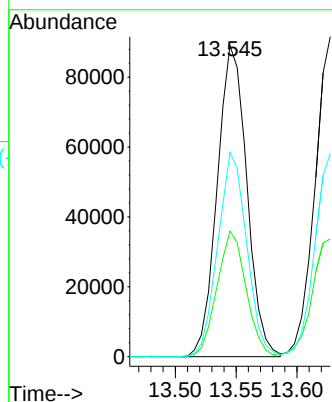
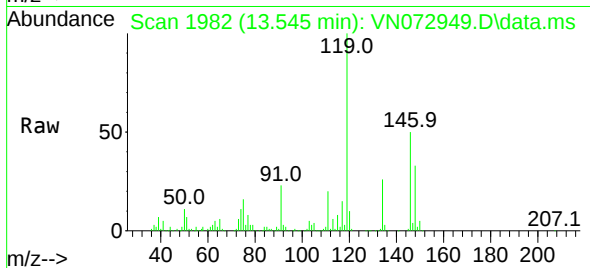
ClientSampleId :

VN0620WBS01

Tgt Ion:146 Resp: 150617
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.2 32.0 96.0

Manual Integrations
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Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#88

1,4-Dichlorobenzene

Concen: 19.717 ug/l

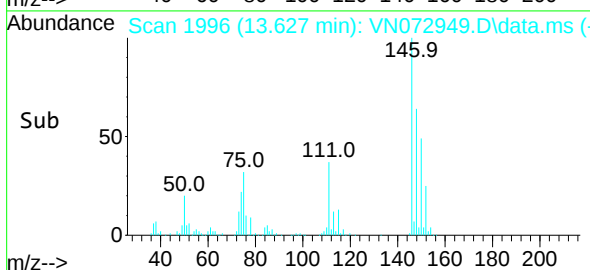
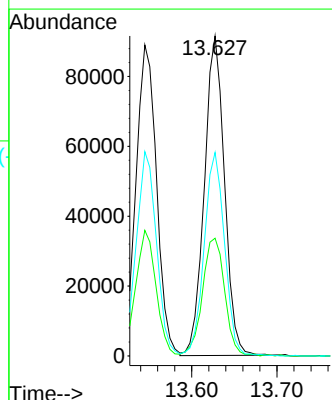
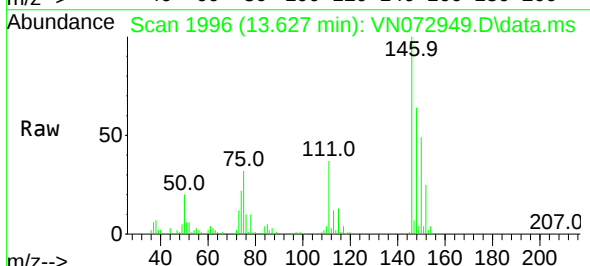
RT: 13.627 min Scan# 1996

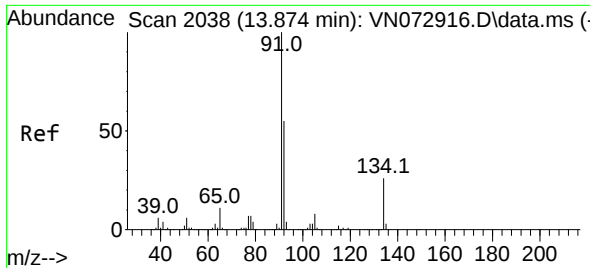
Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

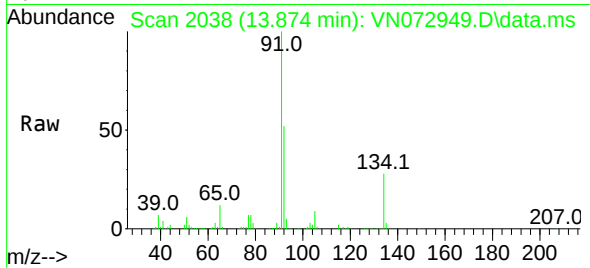
Tgt Ion:146 Resp: 150425
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.1 57.1
 148 64.6 31.4 94.3





#89
n-Butylbenzene
Concen: 20.658 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

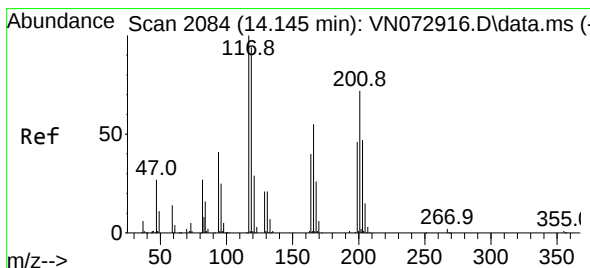
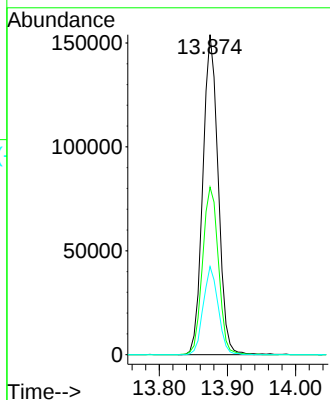
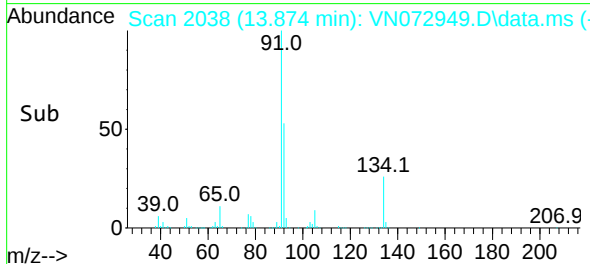
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



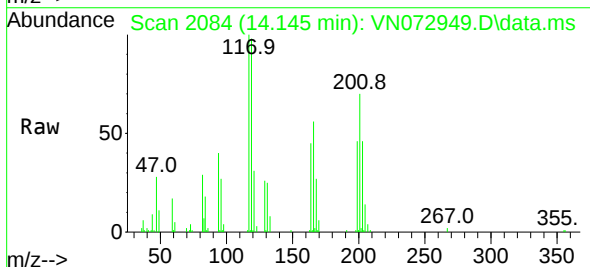
Tgt Ion: 91 Resp: 24154
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 26.8 13.6 40.8

Manual Integrations
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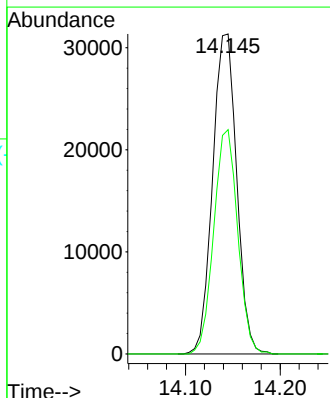
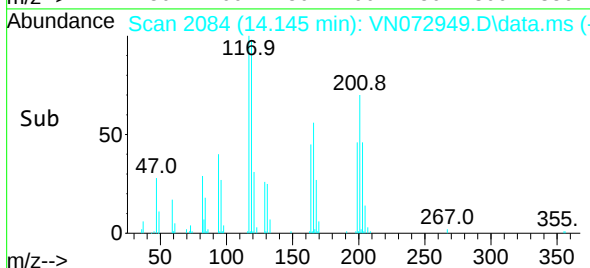
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

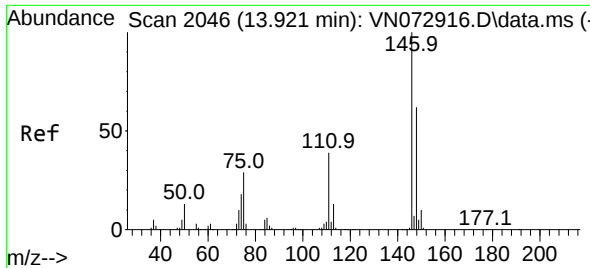


#90
Hexachloroethane
Concen: 20.508 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



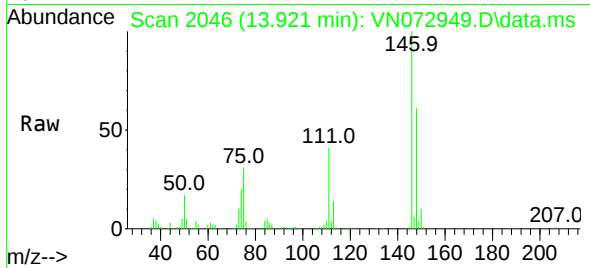
Tgt Ion:117 Resp: 55363
Ion Ratio Lower Upper
117 100
201 69.8 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.799 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14

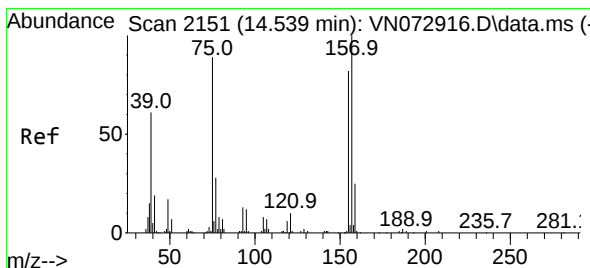
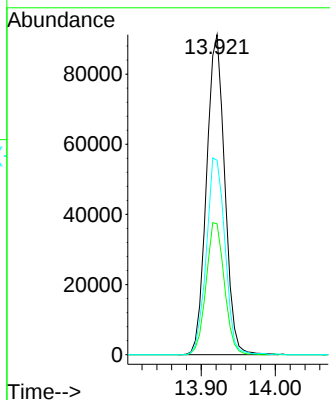
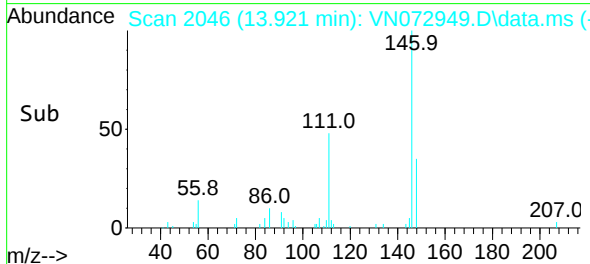
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBS01



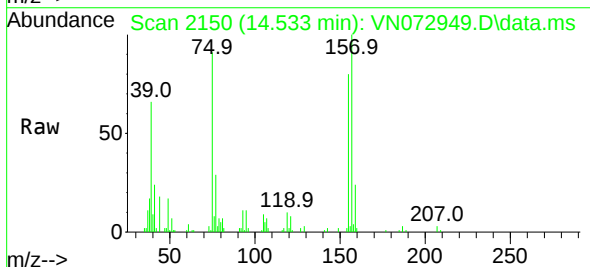
Tgt Ion:146 Resp: 15564
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 63.0 32.1 96.3

Manual Integrations
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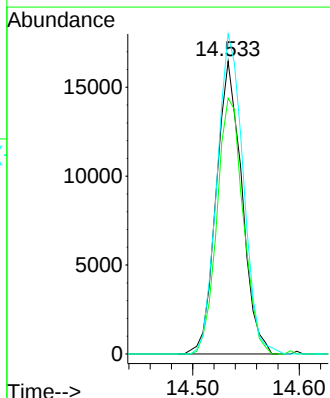
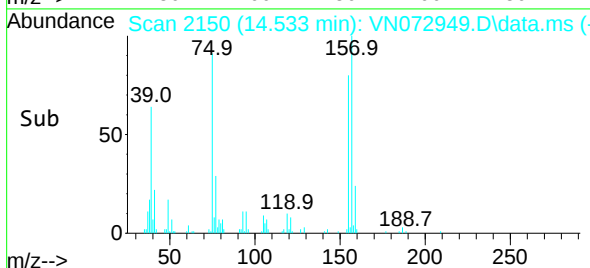
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

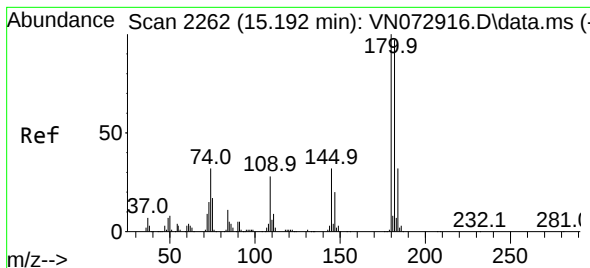


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.113 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072949.D
Acq: 20 Jun 2022 10:14



Tgt Ion: 75 Resp: 27478
Ion Ratio Lower Upper
75 100
155 89.4 44.9 134.5
157 111.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.355 ug/l

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

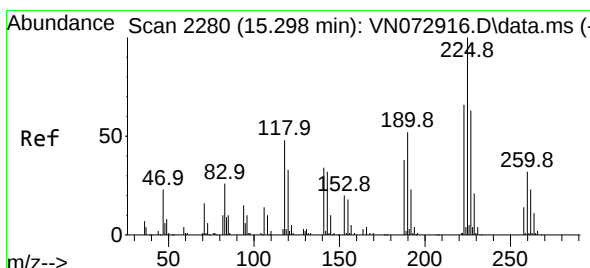
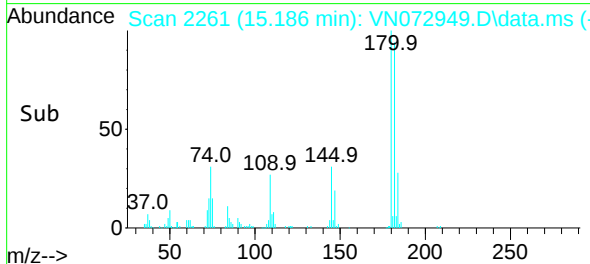
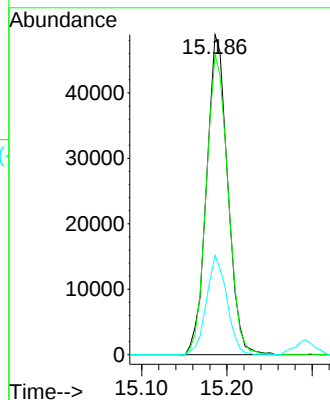
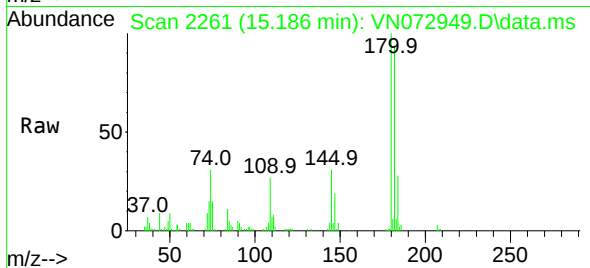
Tgt Ion:180	Resp:	84204
Ion Ratio	Lower	Upper
180	100	
182	96.4	47.5 142.5
145	29.9	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#94

Hexachlorobutadiene

Concen: 19.955 ug/l

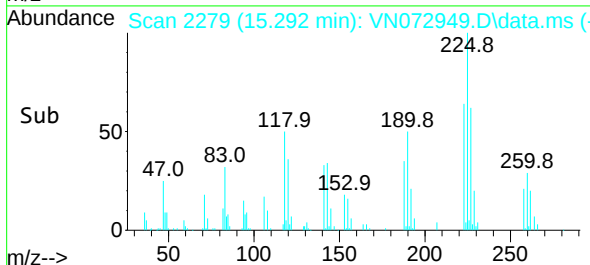
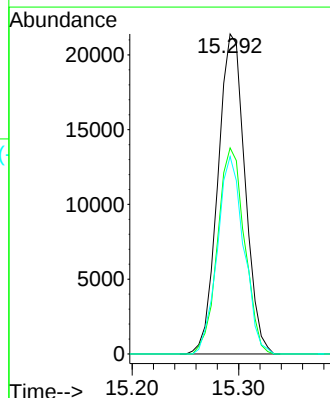
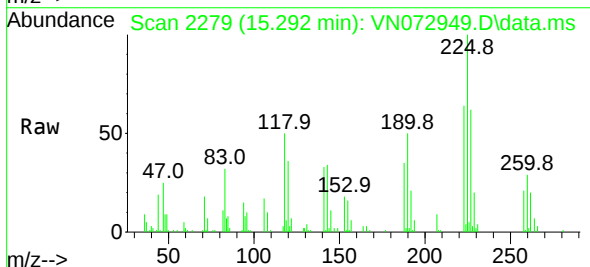
RT: 15.292 min Scan# 2279

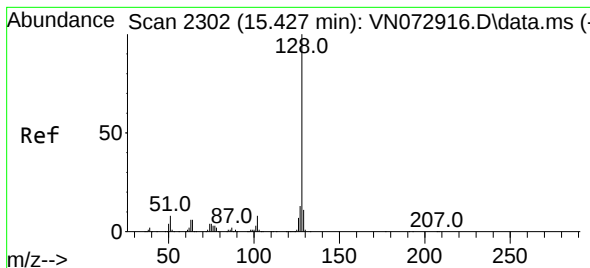
Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Tgt Ion:225	Resp:	37779
Ion Ratio	Lower	Upper
225	100	
223	64.0	32.4 97.2
227	60.3	31.8 95.4





#95

Naphthalene

Concen: 17.579 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBS01

Tgt Ion:128 Resp: 30936

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

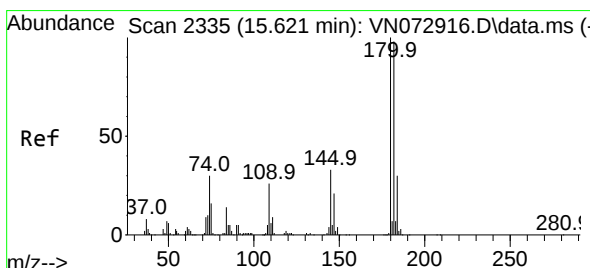
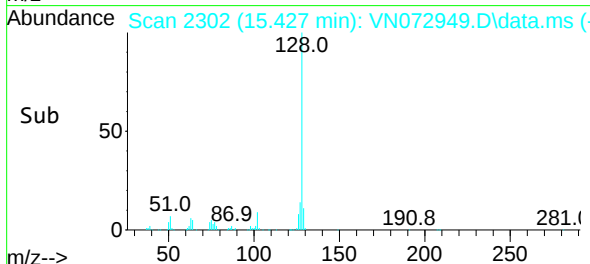
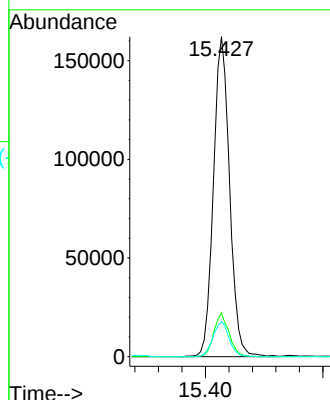
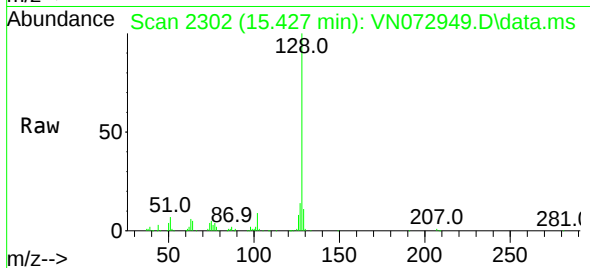
129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.530 ug/l

RT: 15.615 min Scan# 2334

Delta R.T. -0.006 min

Lab File: VN072949.D

Acq: 20 Jun 2022 10:14

Tgt Ion:180 Resp: 86083

Ion Ratio Lower Upper

180 100

182 93.5 47.8 143.3

145 32.0 15.5 46.5

