

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072501.D
 Acq On : 16 May 2022 14:40
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051622

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 07:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	28273	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	158888	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	145990	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	97273	30.575	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.933%			
60) 4-Bromofluorobenzene	12.727	95	84091	29.500	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.333%			
63) Toluene-d8	10.439	98	242313	30.406	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	53215	22.658	ug/l	98
3) Chloromethane	2.299	50	49870	23.510	ug/l	91
4) Vinyl Chloride	2.440	62	41289	23.058	ug/l	100
5) Bromomethane	2.828	94	32966	22.634	ug/l	97
6) Chloroethane	3.005	64	25552	21.851	ug/l	100
7) Trichlorofluoromethane	3.363	101	96454	22.803	ug/l	99
8) Diethyl Ether	3.822	74	30024	23.596	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	47361	23.764	ug/l #	52
10) 1,1-Dichloroethene	4.181	96	41020	22.826	ug/l	92
11) Methyl Iodide	4.422	142	57711	21.325	ug/l	96
12) Methyl Acetate	4.857	43	70075	24.104	ug/l	96
13) Acrolein	4.040	56	46873	102.611	ug/l	99
14) Acrylonitrile	5.551	53	145918	118.965	ug/l	99
15) Acetone	4.287	58	39710	123.464	ug/l	81
16) Carbon Disulfide	4.528	76	107003	22.954	ug/l	97
17) Allyl chloride	4.834	41	73608	22.692	ug/l	94
18) Methylene Chloride	5.098	84	49049	23.059	ug/l	90
19) trans-1,2-Dichloroethene	5.593	96	45684	23.145	ug/l	93
20) Diisopropyl ether	6.493	45	154218	22.869	ug/l	96
21) 1,1-Dichloroethane	6.381	63	89982	22.313	ug/l	99
22) cis-1,2-Dichloroethene	7.328	96	55366	23.891	ug/l	94
23) tert-Butyl Alcohol	5.369	59	65639	122.002	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	170938	23.186	ug/l	100
25) Chloroform	7.816	83	100609	23.132	ug/l	99
26) Cyclohexane	8.092	56	78930	24.118	ug/l #	96
29) 1,1-Dichloropropene	8.216	75	68310	21.587	ug/l	97
30) 2-Butanone	7.334	43	209076	114.157	ug/l	97
31) 2,2-Dichloropropane	7.328	77	88319	22.497	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	96841	21.455	ug/l	99
33) Carbon Tetrachloride	8.204	117	86572	21.583	ug/l	97
34) Benzene	8.457	78	197486	21.964	ug/l	96
35) Methacrylonitrile	7.634	41	42236	21.811	ug/l	89
36) 1,2-Dichloroethane	8.528	62	89098	21.278	ug/l	98
37) Trichloroethene	9.210	130	53061	21.752	ug/l	93
38) Methylcyclohexane	9.457	83	81746	22.344	ug/l	93
39) 1,2-Dichloropropane	9.486	63	50015	22.082	ug/l	99
40) Dibromomethane	9.575	93	37191	21.271	ug/l	91
41) Bromodichloromethane	9.757	83	78564	21.209	ug/l	99
42) Vinyl Acetate	6.434	43	700952	113.711	ug/l	100

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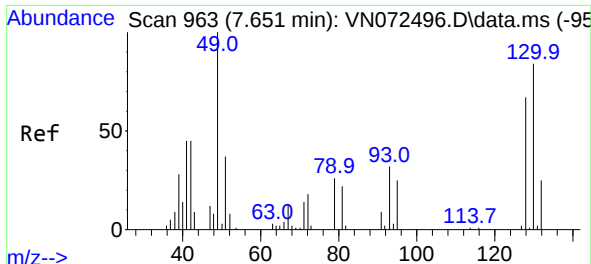
Manual Integrations
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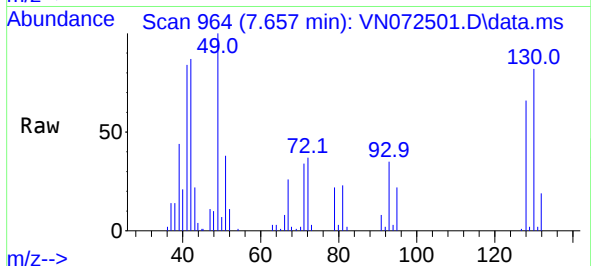
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.416	43	88845	24.840	ug/l #	93
44) Isopropyl Acetate	8.557	43	128501	22.444	ug/l	98
45) 1,4-Dioxane	9.563	88	25102	460.326	ug/l	96
46) Methyl methacrylate	9.557	41	58895	21.739	ug/l	90
47) n-amyl Acetate	12.380	43	84195	21.968	ug/l	95
48) t-1,3-Dichloropropene	10.716	75	84012	21.484	ug/l	93
49) cis-1,3-Dichloropropene	10.186	75	88098	22.352	ug/l	95
50) 1,1,2-Trichloroethane	10.892	97	53131	22.031	ug/l	97
51) Ethyl methacrylate	10.757	69	83215	22.128	ug/l	88
52) 1,3-Dichloropropane	11.039	76	91316	21.916	ug/l	97
53) Dibromochloromethane	11.233	129	64230	22.058	ug/l	99
54) 1,2-Dibromoethane	11.339	107	56219	21.915	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	91950	96.368	ug/l	98
56) Bromoform	12.451	173	47080	21.439	ug/l #	100
58) 4-Methyl-2-Pentanone	10.328	43	412704	119.971	ug/l	99
59) 2-Hexanone	11.080	43	309301	122.391	ug/l	99
61) Tetrachloroethene	10.975	164	49177	22.493	ug/l	94
62) Toluene	10.504	91	228299	23.148	ug/l	99
64) Chlorobenzene	11.769	112	136919	22.255	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.833	131	58341	22.935	ug/l	96
66) Ethyl Benzene	11.839	91	250951	22.621	ug/l	96
67) m/p-Xylenes	11.951	106	192202	45.698	ug/l	96
68) o-Xylene	12.275	106	95596	22.993	ug/l	98
69) Styrene	12.292	104	152438	23.022	ug/l	95
70) Isopropylbenzene	12.574	105	252034	22.845	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.822	83	79164	23.498	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	65760m	20.812	ug/l	
73) Bromobenzene	12.857	156	58525	22.043	ug/l	97
74) n-propylbenzene	12.916	91	273352	22.634	ug/l	99
75) 2-Chlorotoluene	13.004	91	175283	22.464	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	216945	22.992	ug/l	99
77) t-1,4-Dichloro-2-butene	12.622	75	22901	21.935	ug/l	98
78) 4-Chlorotoluene	13.098	91	169630	23.194	ug/l	93
79) tert-butylbenzene	13.321	119	187255	22.587	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	213332m	23.462	ug/l	
81) sec-Butylbenzene	13.498	105	248508	22.609	ug/l	99
82) p-Isopropyltoluene	13.610	119	206392	22.689	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	101123	22.311	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	98990	22.444	ug/l	98
85) n-Butylbenzene	13.939	91	154433	22.909	ug/l	99
86) Hexachloroethane	14.204	117	37429	22.346	ug/l	88
87) 1,2-Dichlorobenzene	13.986	146	102857	23.212	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	19296	24.332	ug/l	96
89) 1,2,4-Trichlorobenzene	15.263	180	48340	24.100	ug/l	96
90) Hexachlorobutadiene	15.363	225	29655	23.922	ug/l	96
91) Naphthalene	15.504	128	145663	24.834	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	47533	23.280	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

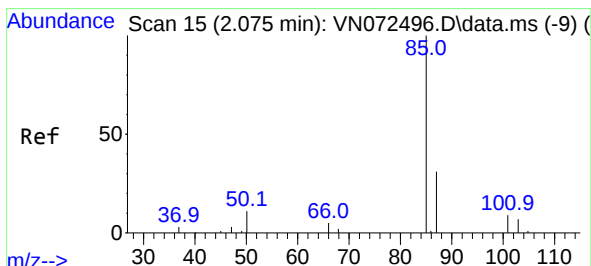
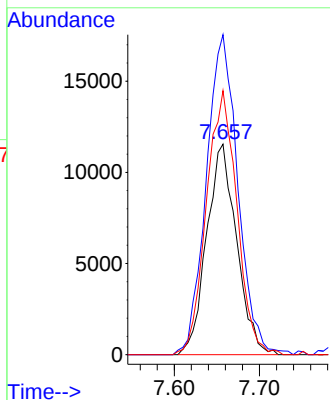
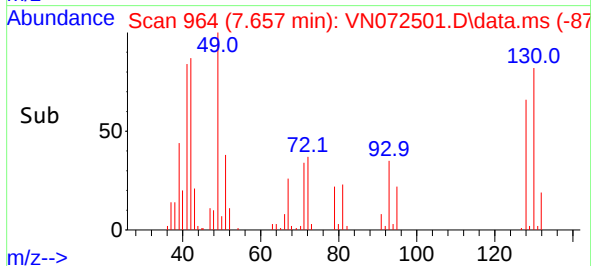
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



Tgt Ion:128 Resp: 2827
Ion Ratio Lower Upper
128 100
49 159.5 0.0 392.3
130 127.1 0.0 320.2

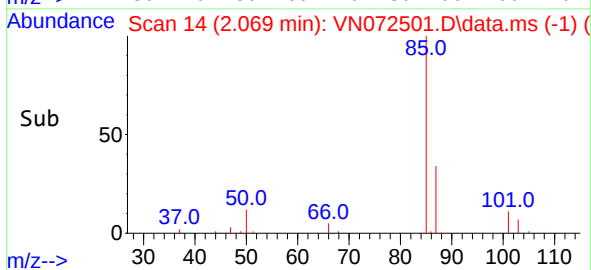
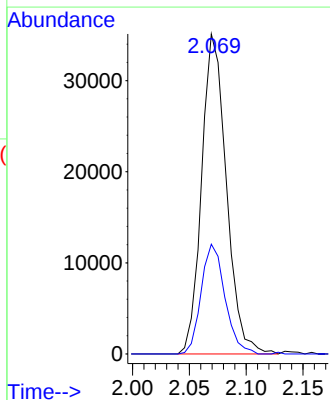
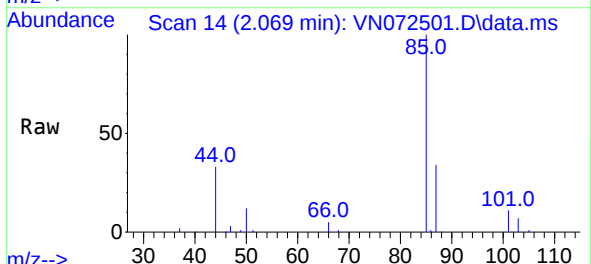
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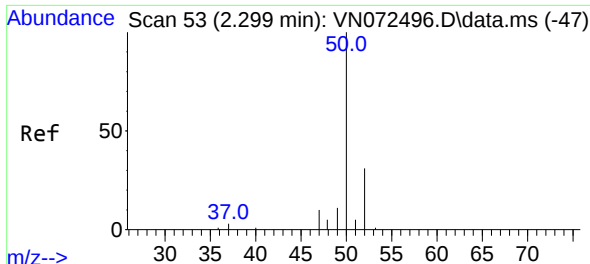
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#2
Dichlorodifluoromethane
Concen: 22.658 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 85 Resp: 53215
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.7





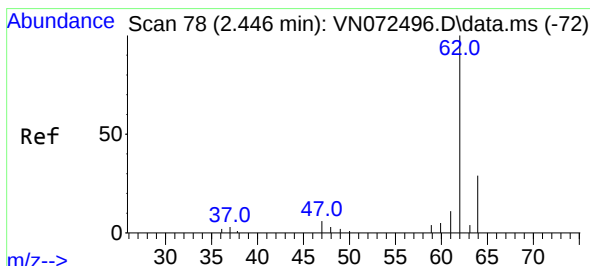
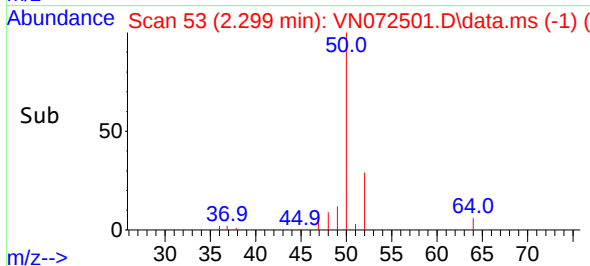
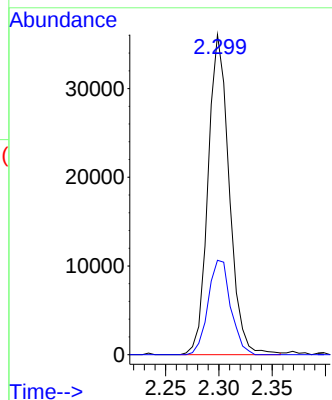
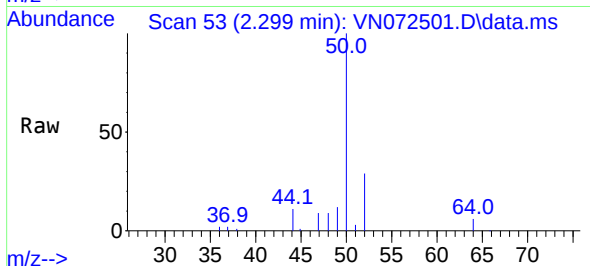
#3
Chloromethane
Concen: 23.510 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 50 Resp: 49870
Ion Ratio Lower Upper
50 100
52 29.5 27.8 41.6

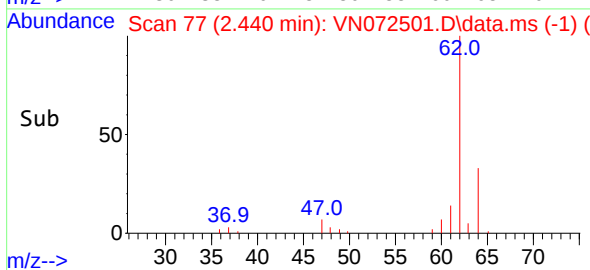
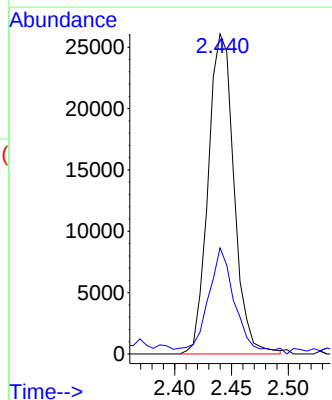
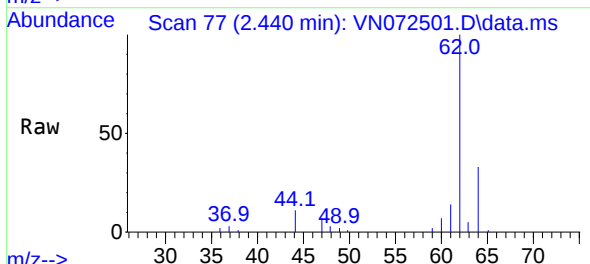
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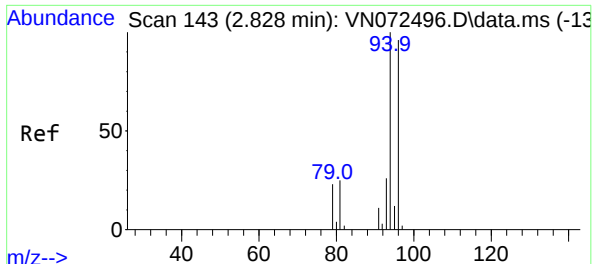
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#4
Vinyl Chloride
Concen: 23.058 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

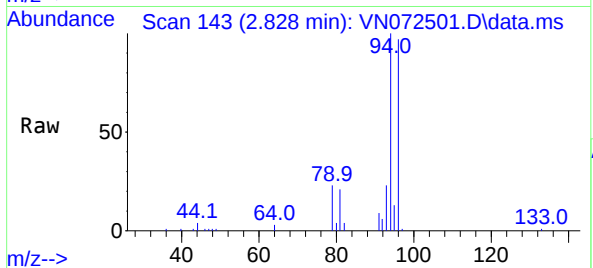
Tgt Ion: 62 Resp: 41289
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 22.634 ug/l
RT: 2.828 min Scan# 143
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

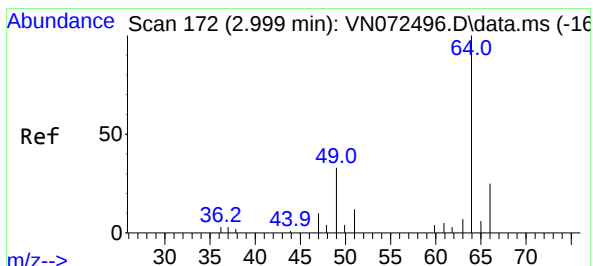
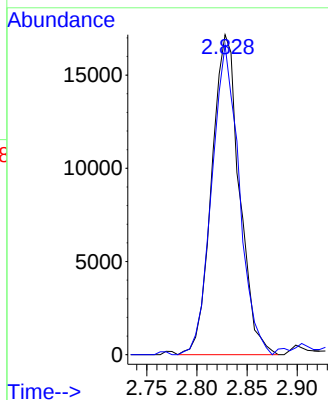
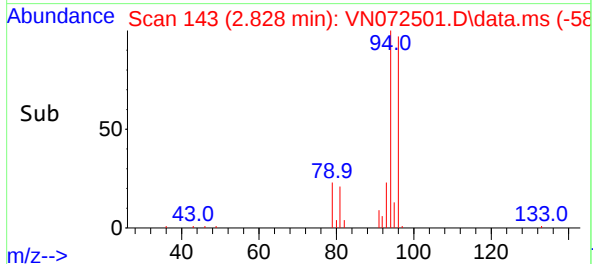
Instrument :
MSVOA_N
ClientSampleId :
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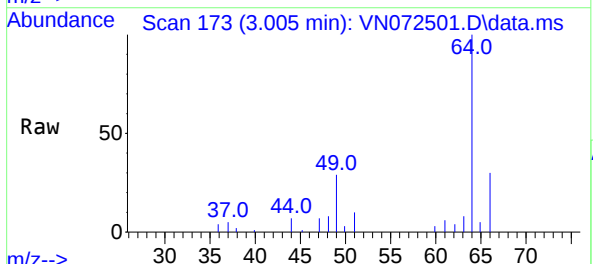
Tgt Ion: 94 Resp: 32960
Ion Ratio Lower Upper
94 100
96 96.7 75.2 112.8

Manual Integrations
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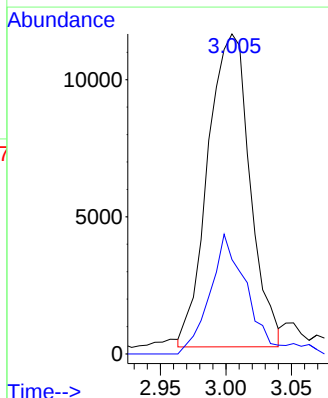
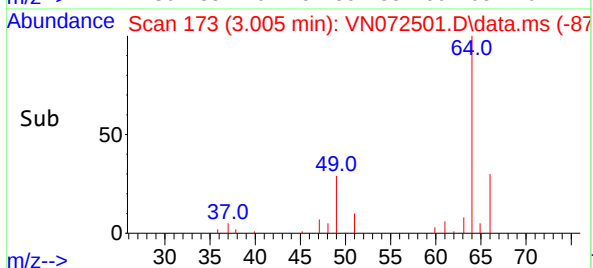
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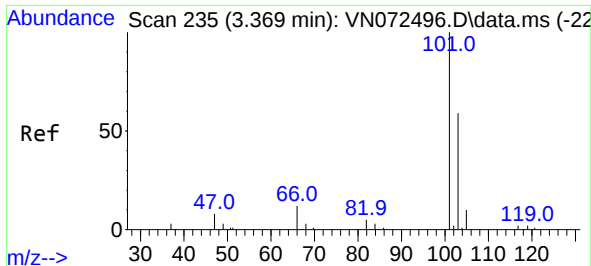


#6
Chloroethane
Concen: 21.851 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 64 Resp: 25552
Ion Ratio Lower Upper
64 100
66 30.9 24.6 36.8





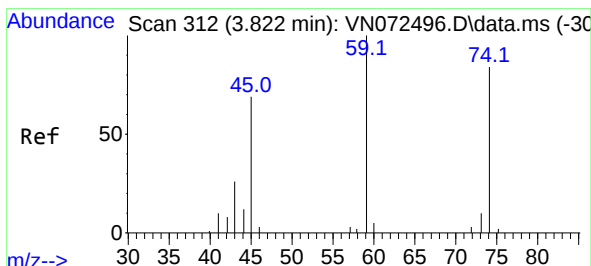
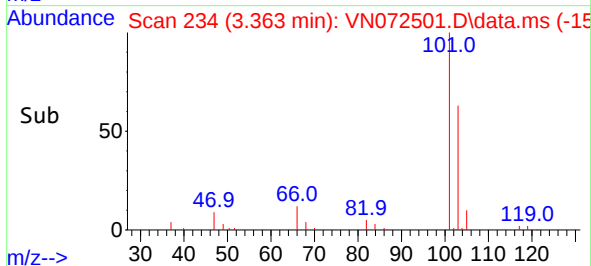
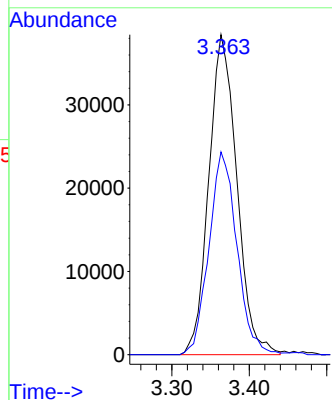
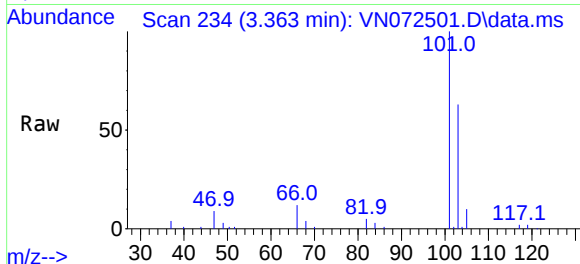
#7
 Trichlorofluoromethane
 Concen: 22.803 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072501.D
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Tgt Ion:101 Resp: 96454
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1

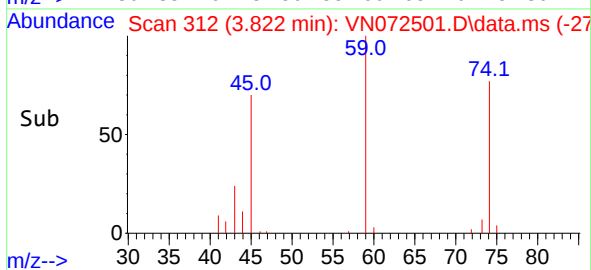
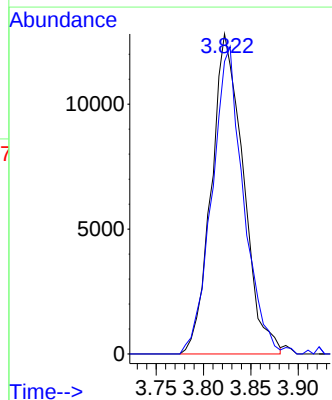
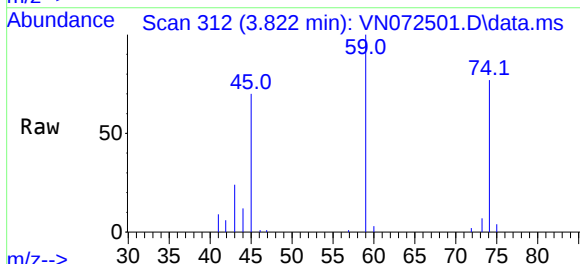
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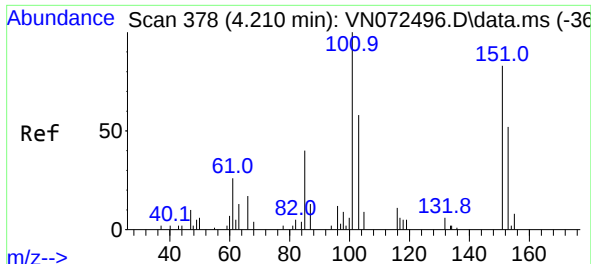
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#8
 Diethyl Ether
 Concen: 23.596 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072501.D
 Acq: 16 May 2022 14:40

Tgt Ion: 74 Resp: 30024
 Ion Ratio Lower Upper
 74 100
 45 94.4 17.6 158.8





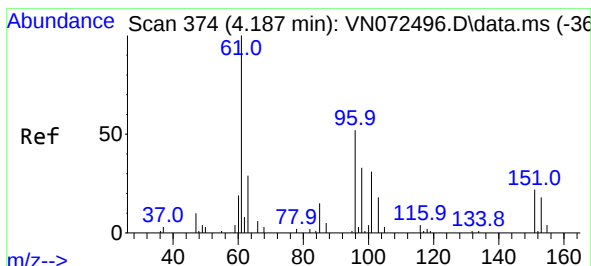
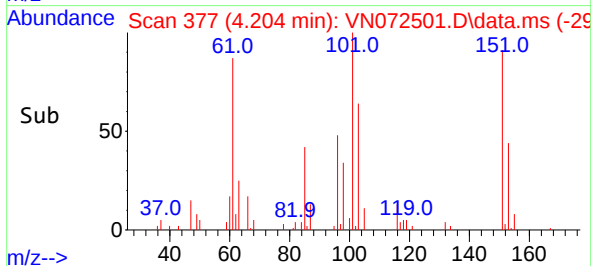
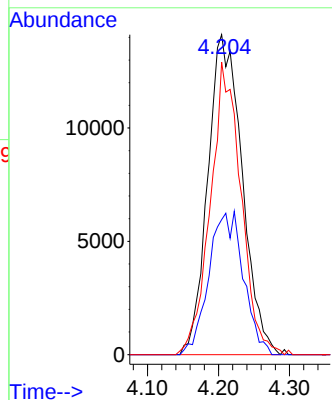
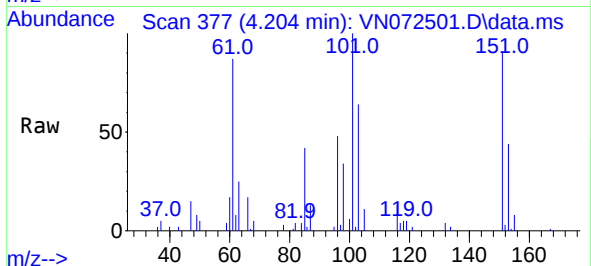
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.764 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion:101 Resp: 4736
Ion Ratio Lower Upper
101 100
85 28.5 0.0 94.0
151 81.4 0.0 74.6

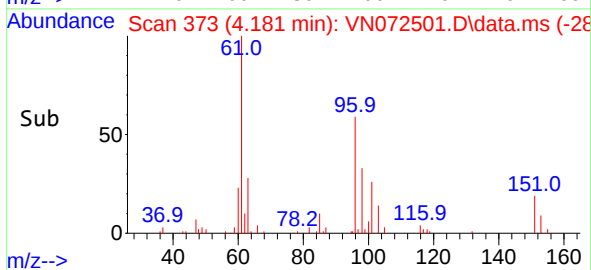
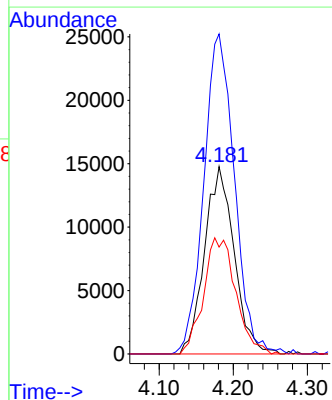
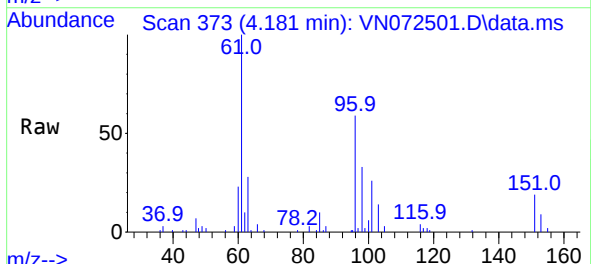
Manual Integrations
APPROVED

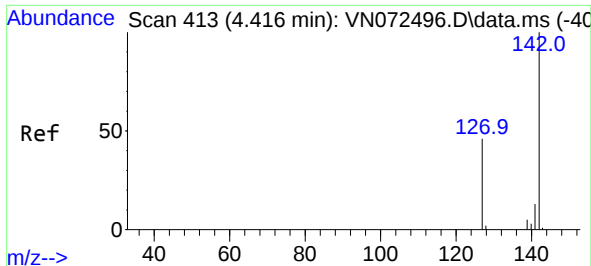
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 22.826 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

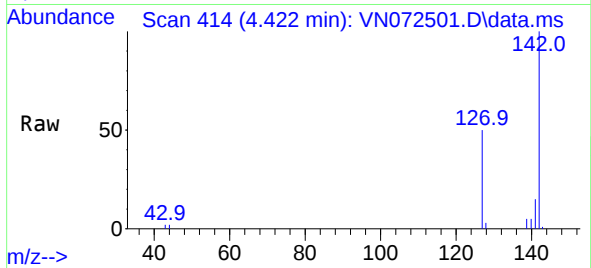
Tgt Ion: 96 Resp: 41020
Ion Ratio Lower Upper
96 100
61 168.0 126.2 189.4
98 57.0 50.9 76.3





#11
Methyl Iodide
Concen: 21.325 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

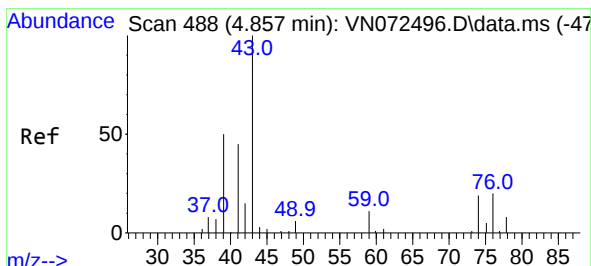
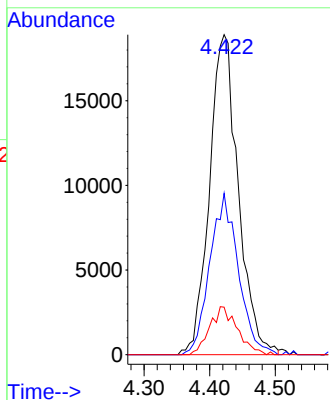
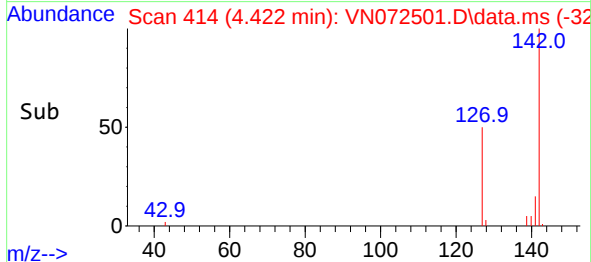
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



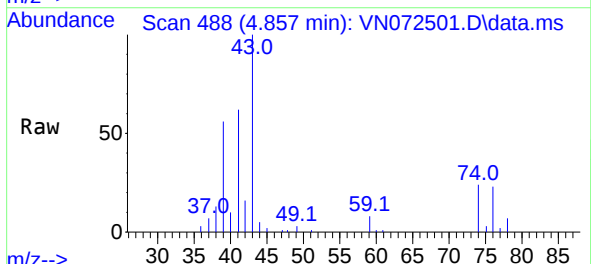
Tgt Ion:142 Resp: 5771
Ion Ratio Lower Upper
142 100
127 50.8 24.0 72.0
141 14.9 8.4 25.2

Manual Integrations
APPROVED

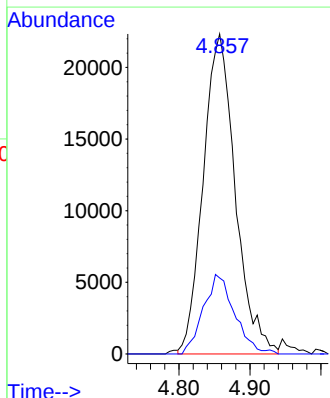
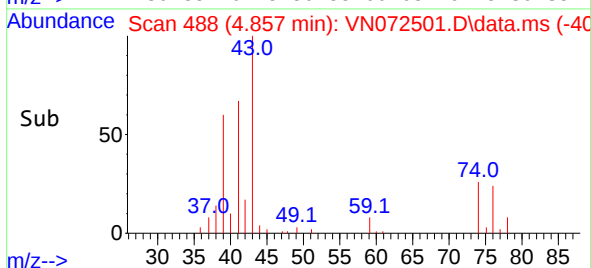
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

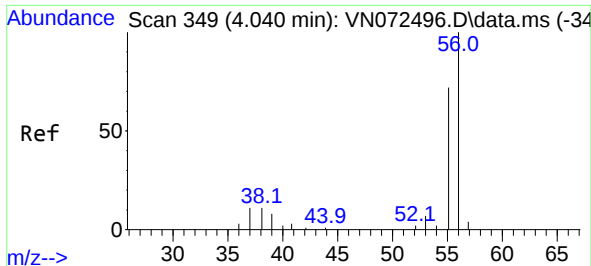


#12
Methyl Acetate
Concen: 24.104 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



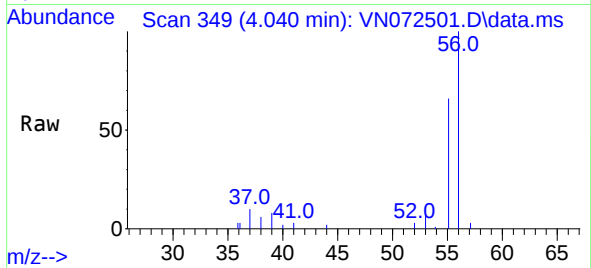
Tgt Ion: 43 Resp: 70075
Ion Ratio Lower Upper
43 100
74 24.1 20.8 31.2





#13
Acrolein
Concen: 102.611 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

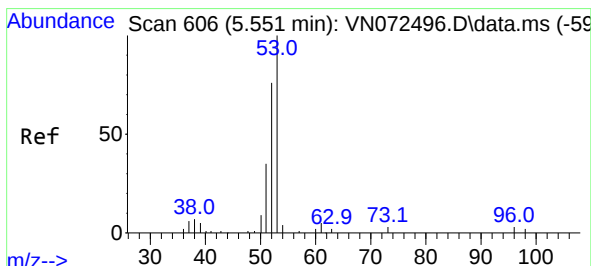
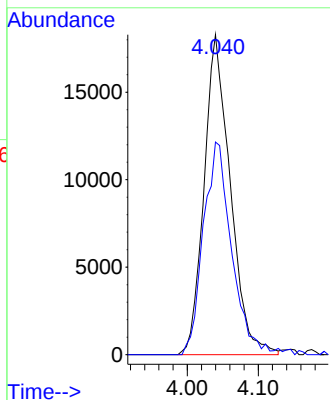
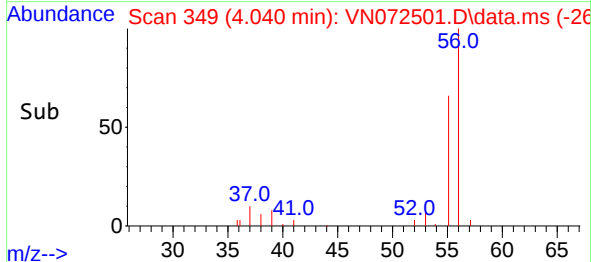
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



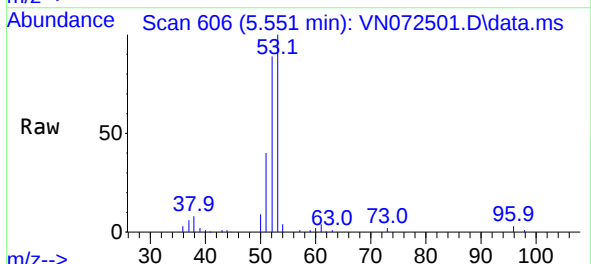
Tgt Ion: 56 Resp: 4687
Ion Ratio Lower Upper
56 100
55 71.2 57.6 86.4

Manual Integrations
APPROVED

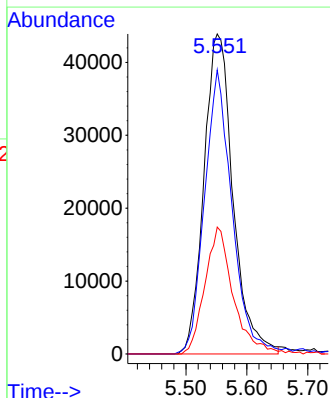
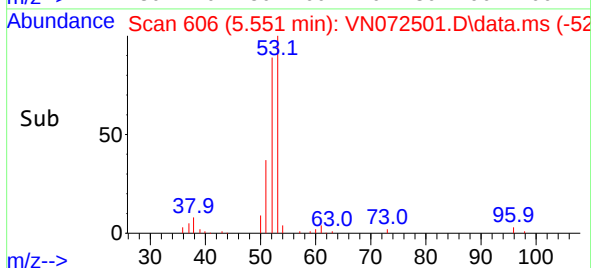
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

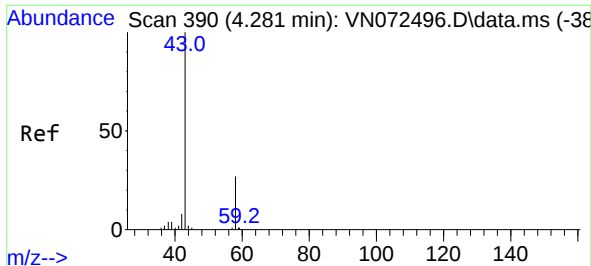


#14
Acrylonitrile
Concen: 118.965 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



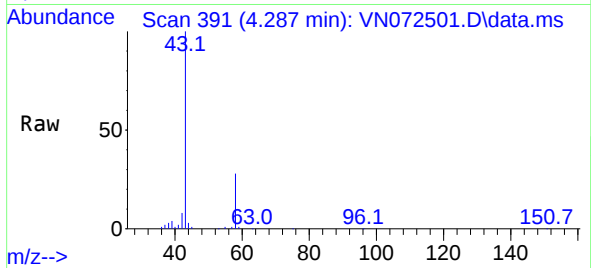
Tgt Ion: 53 Resp: 145918
Ion Ratio Lower Upper
53 100
52 83.7 41.8 125.4
51 37.1 19.0 57.0





#15
Acetone
Concen: 123.464 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

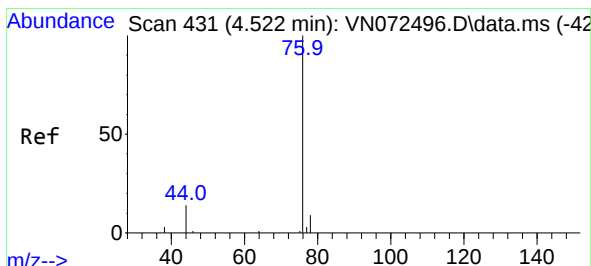
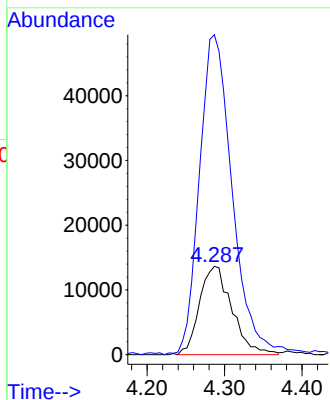
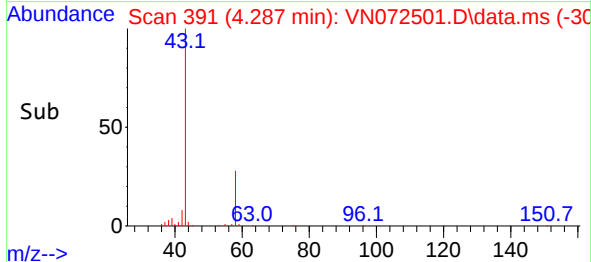
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



Tgt Ion: 58 Resp: 39710
Ion Ratio Lower Upper
58 100
43 359.5 256.6 384.8

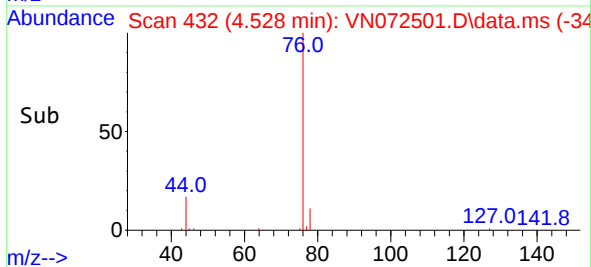
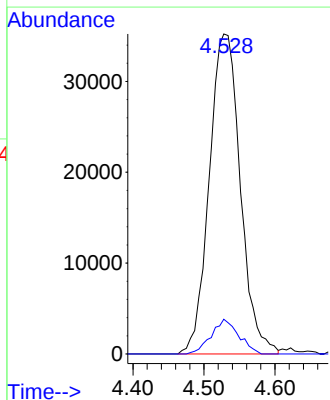
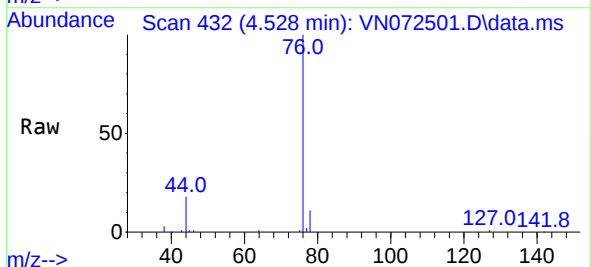
Manual Integrations
APPROVED

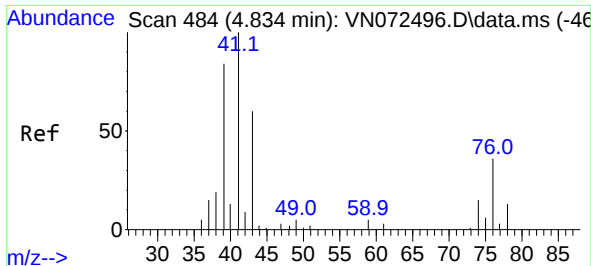
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#16
Carbon Disulfide
Concen: 22.954 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 76 Resp: 107003
Ion Ratio Lower Upper
76 100
78 10.9 7.8 11.8





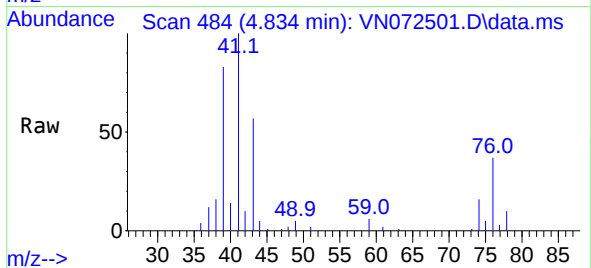
#17
 Allyl chloride
 Concen: 22.692 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN072501.D
 Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051622

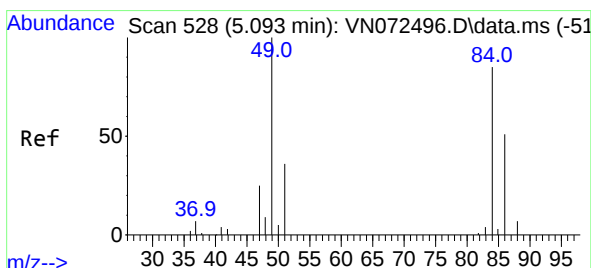
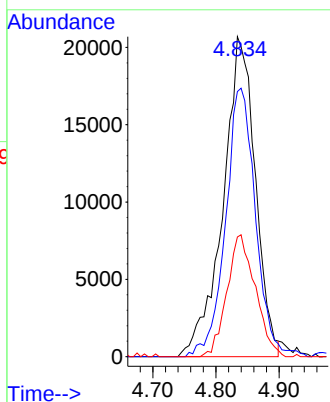
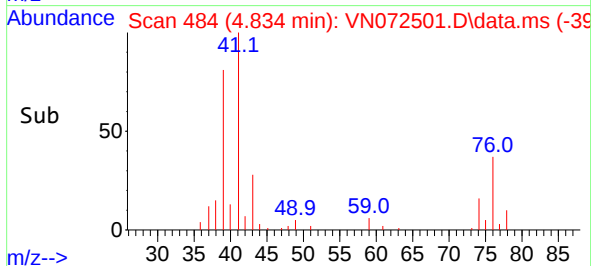


Tgt Ion: 41 Resp: 73608
 Ion Ratio Lower Upper
 41 100
 39 82.9 44.6 134.0
 76 37.4 19.6 58.7

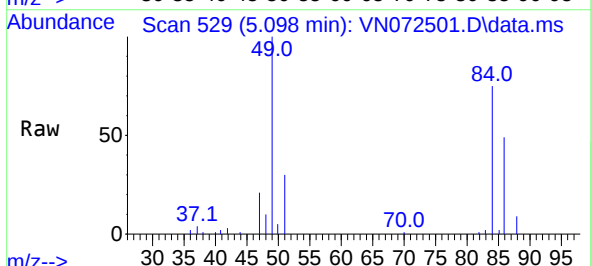
Manual Integrations

APPROVED

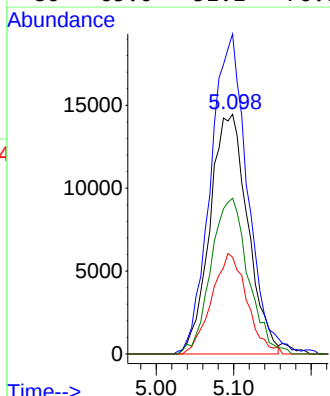
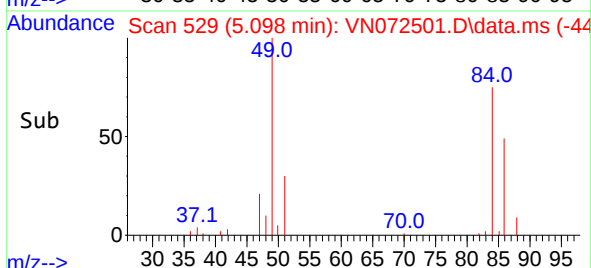
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

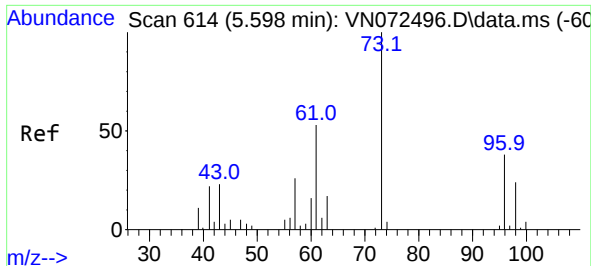


#18
 Methylene Chloride
 Concen: 23.059 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. 0.006 min
 Lab File: VN072501.D
 Acq: 16 May 2022 14:40



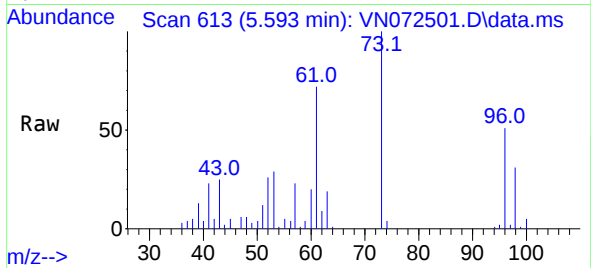
Tgt Ion: 84 Resp: 49049
 Ion Ratio Lower Upper
 84 100
 49 132.4 91.4 137.0
 51 40.4 29.4 44.0
 86 65.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 23.145 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

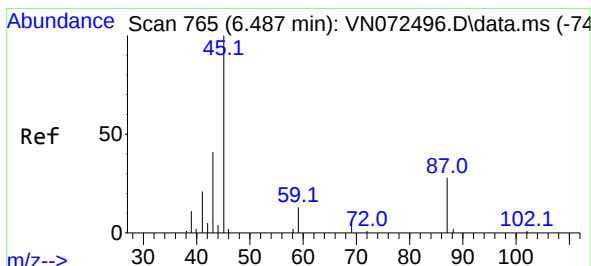
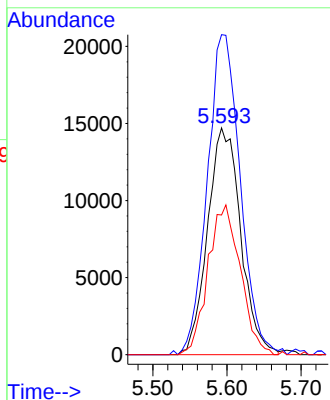
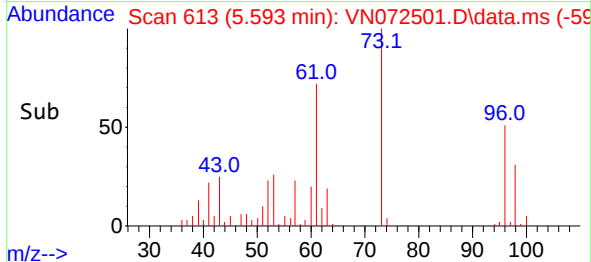
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



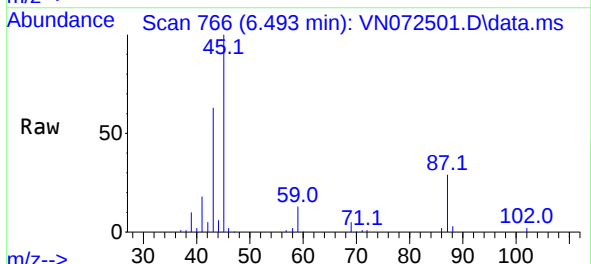
Tgt Ion: 96 Resp: 45684
Ion Ratio Lower Upper
96 100
61 141.1 102.8 154.2
98 61.6 49.3 73.9

Manual Integrations
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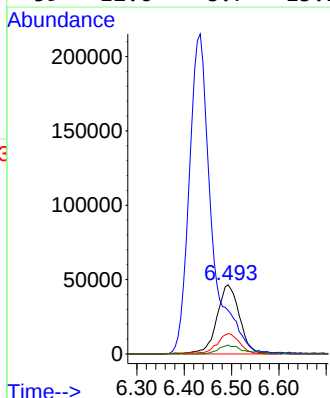
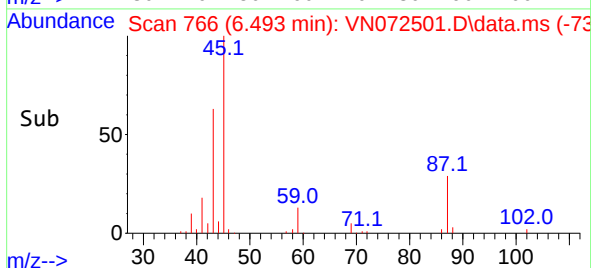
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

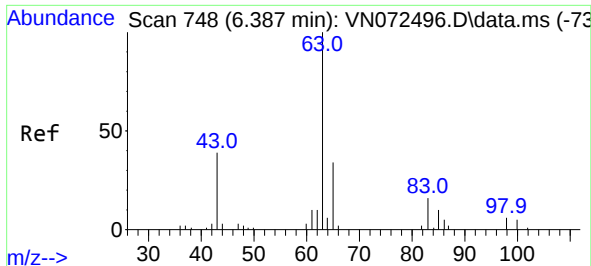


#20
Diisopropyl ether
Concen: 22.869 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 45 Resp: 154218
Ion Ratio Lower Upper
45 100
43 60.5 51.0 76.4
87 28.7 25.0 37.4
59 12.6 8.7 13.1





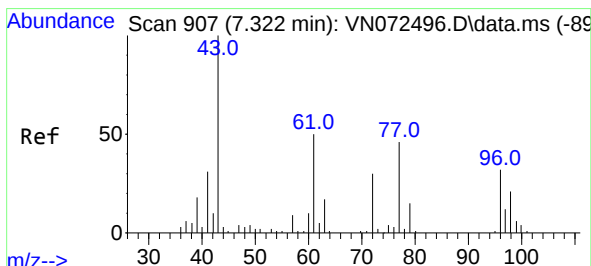
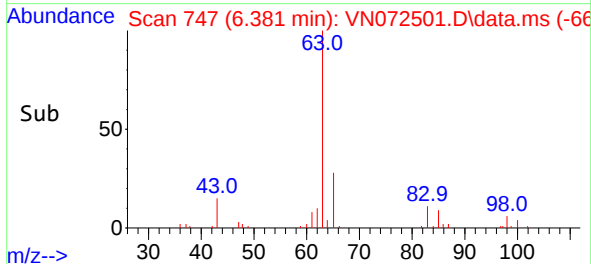
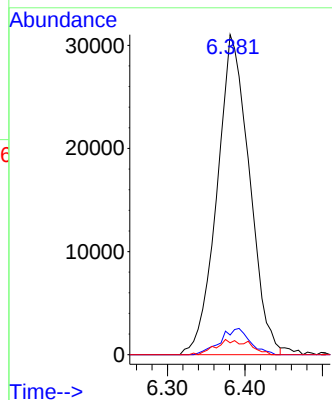
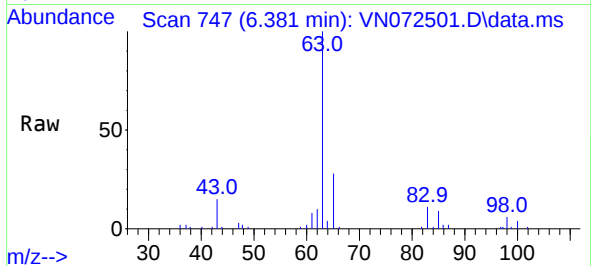
#21
1,1-Dichloroethane
Concen: 22.313 ug/l
RT: 6.381 min Scan# 748
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 63 Resp: 8998
Ion Ratio Lower Upper
63 100
98 6.1 3.2 9.6
100 3.7 2.1 6.2

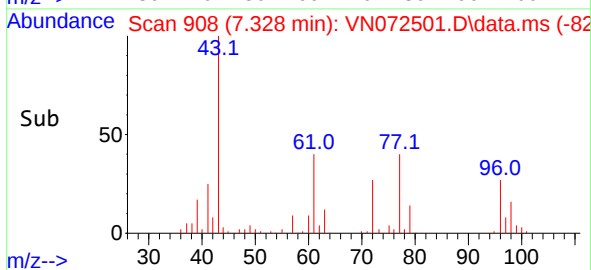
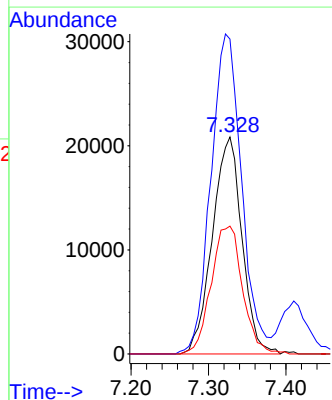
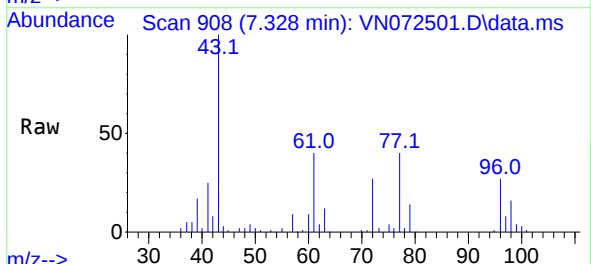
Manual Integrations
APPROVED

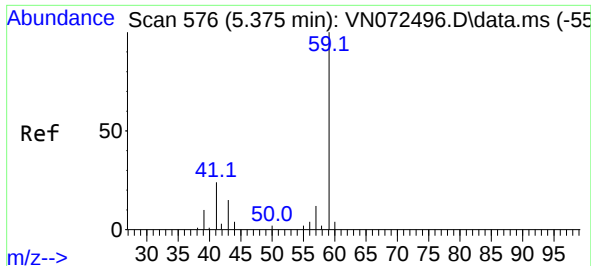
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#22
cis-1,2-Dichloroethene
Concen: 23.891 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 96 Resp: 55366
Ion Ratio Lower Upper
96 100
61 153.4 115.7 173.5
98 62.6 51.6 77.4





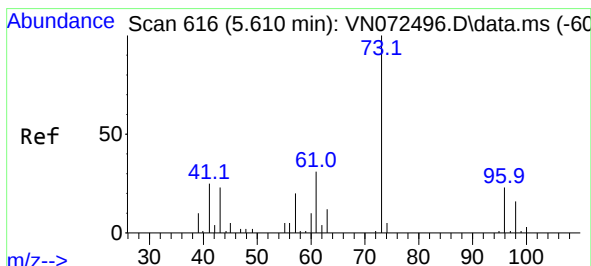
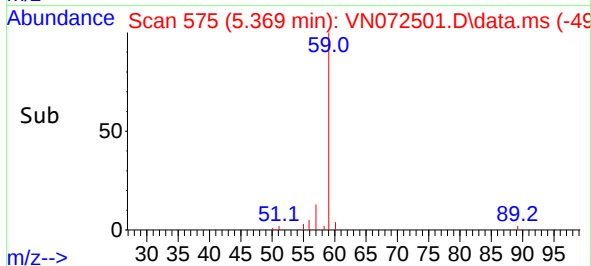
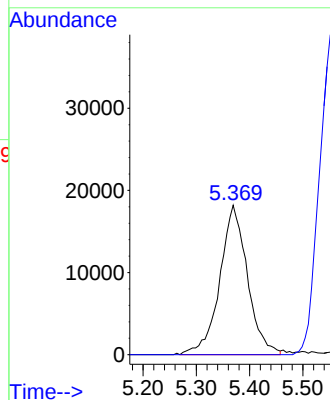
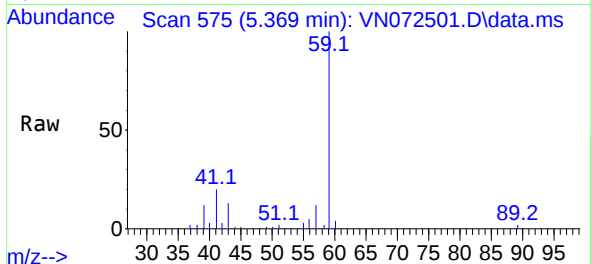
#23
tert-Butyl Alcohol
Concen: 122.002 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 59 Resp: 65639
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

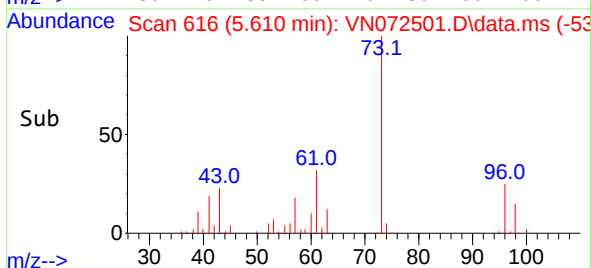
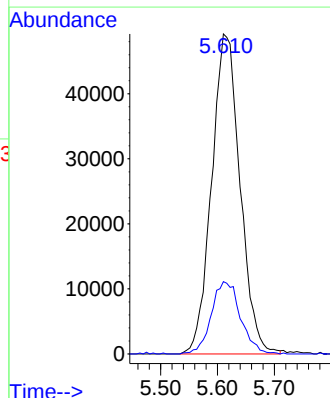
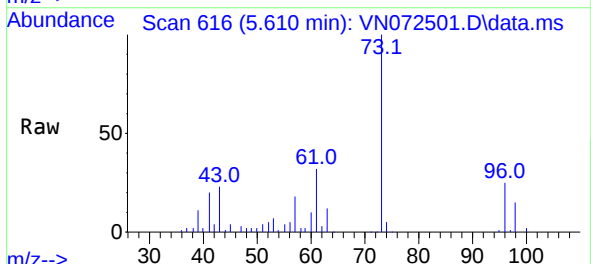
Manual Integrations
APPROVED

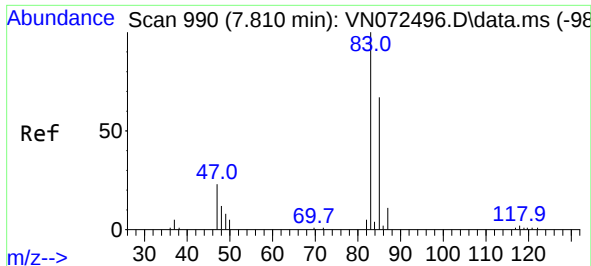
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#24
Methyl tert-Butyl Ether
Concen: 23.186 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

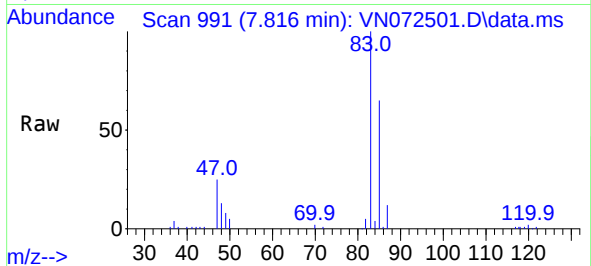
Tgt Ion: 73 Resp: 170938
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1





#25
Chloroform
Concen: 23.132 ug/l
RT: 7.816 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

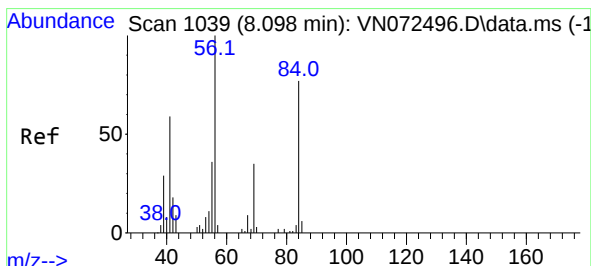
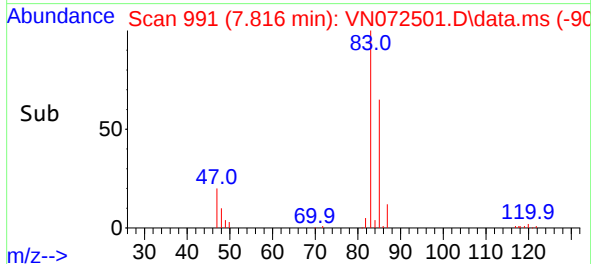
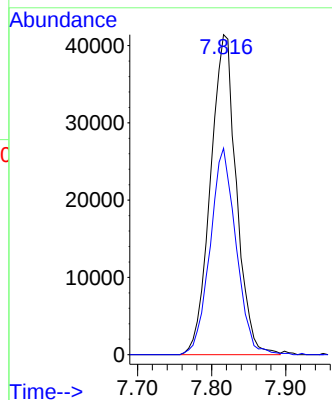
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



Tgt Ion: 83 Resp: 100609
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

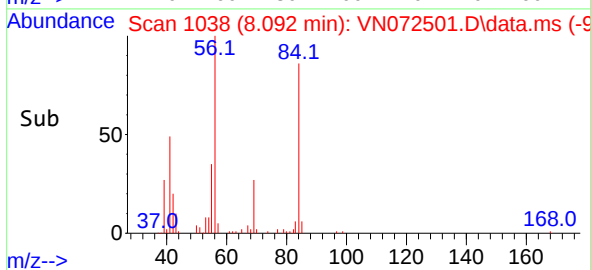
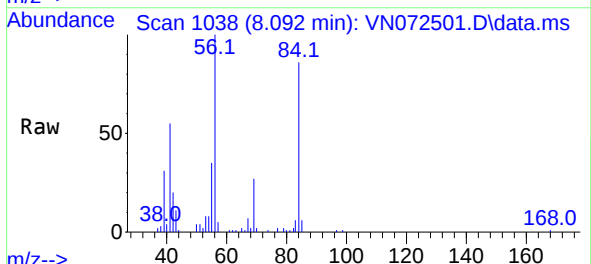
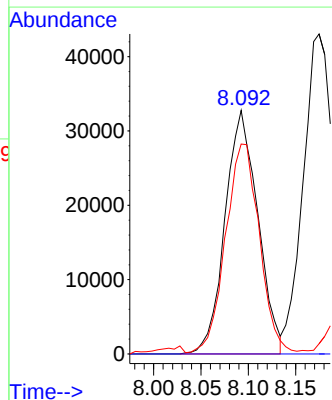
Manual Integrations
APPROVED

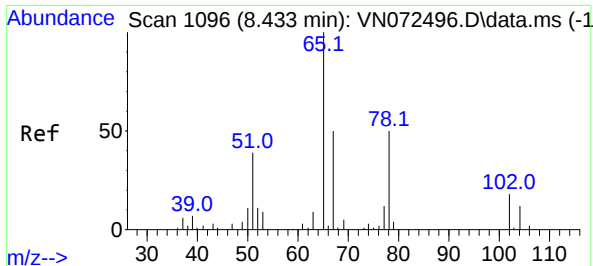
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#26
Cyclohexane
Concen: 24.118 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

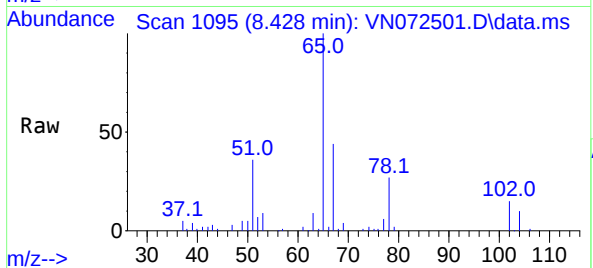
Tgt Ion: 56 Resp: 78930
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 89.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.575 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

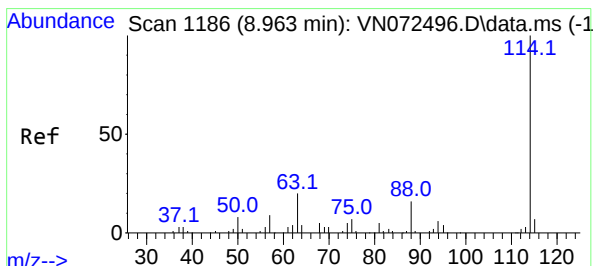
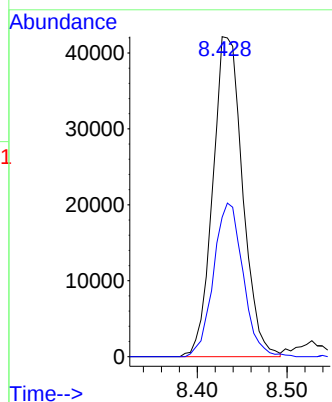
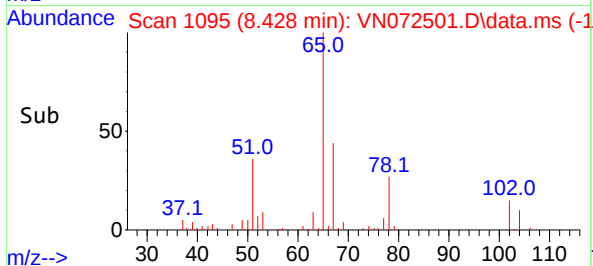
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



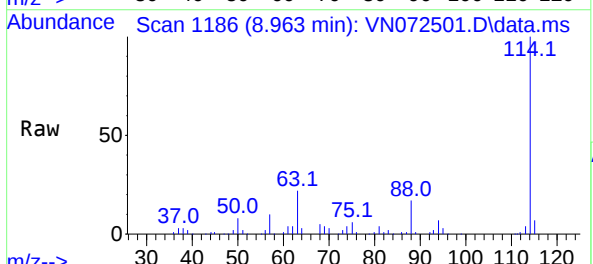
Tgt Ion: 65 Resp: 9727
Ion Ratio Lower Upper
65 100
67 47.6 40.2 60.2

Manual Integrations
APPROVED

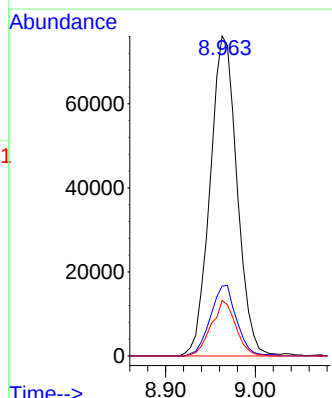
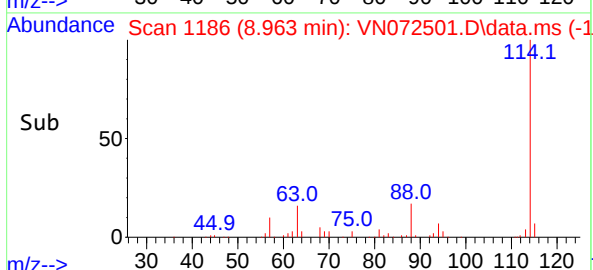
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

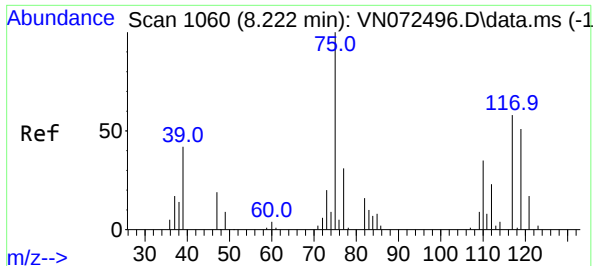


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion:114 Resp: 158888
Ion Ratio Lower Upper
114 100
63 21.4 15.8 23.6
88 15.7 11.6 17.4





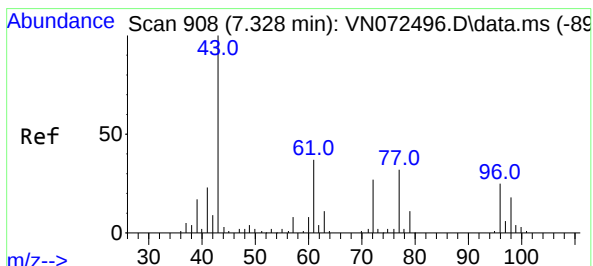
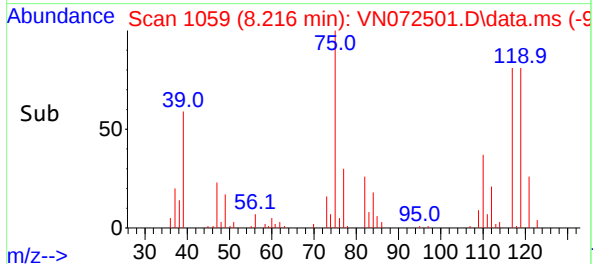
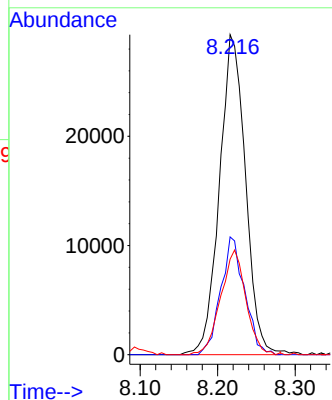
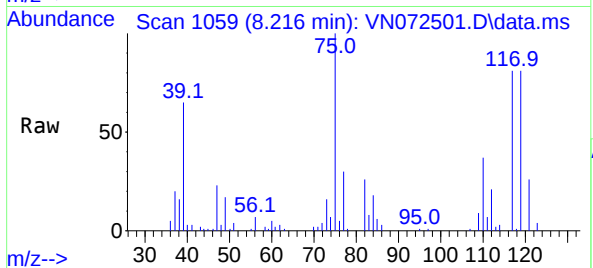
#29
1,1-Dichloropropene
Concen: 21.587 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 75 Resp: 68310
Ion Ratio Lower Upper
75 100
110 33.9 0.0 74.2
77 31.8 0.0 63.2

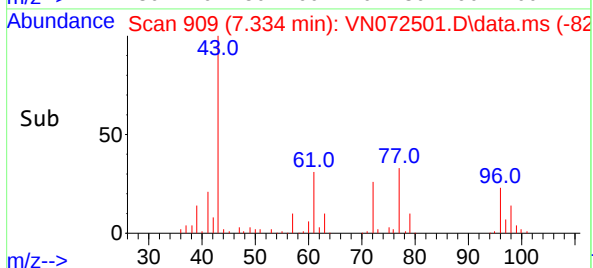
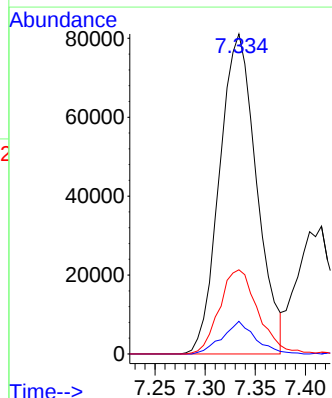
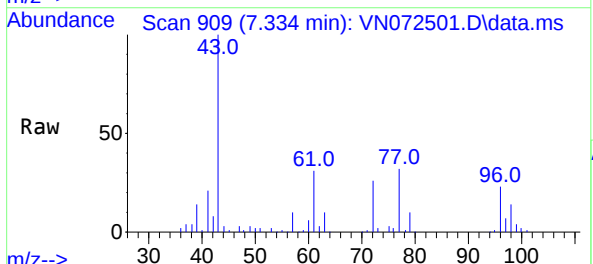
Manual Integrations
APPROVED

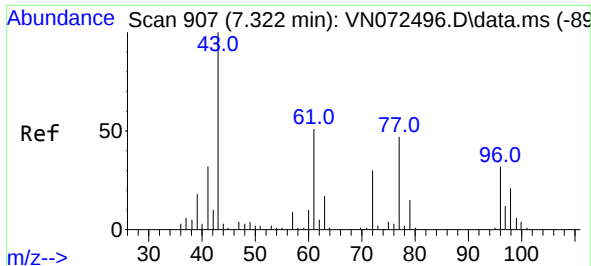
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
2-Butanone
Concen: 114.157 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 43 Resp: 209076
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 27.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 22.497 ug/l

RT: 7.328 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN072501.D

Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051622

Tgt Ion: 77 Resp: 88319

Ion Ratio Lower Upper

77 100

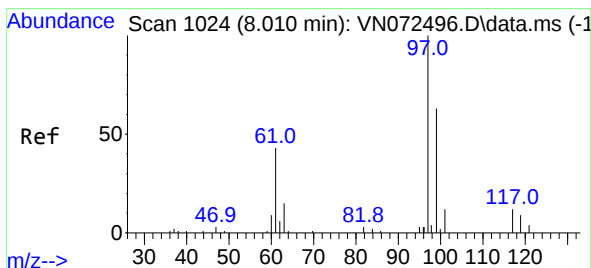
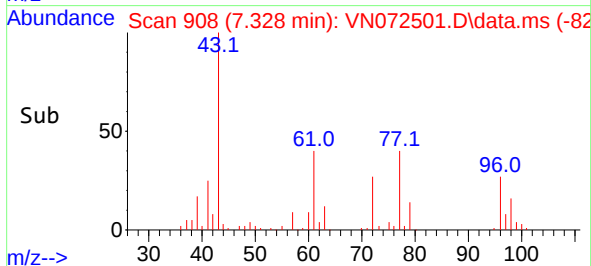
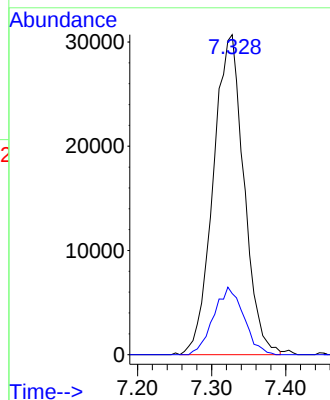
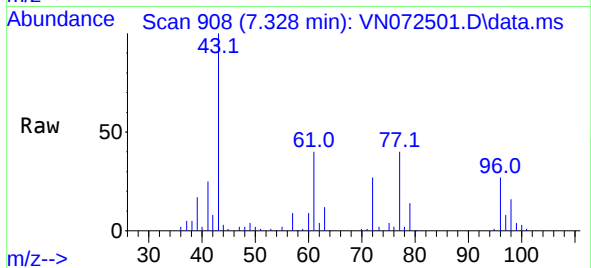
97 20.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#32

1,1,1-Trichloroethane

Concen: 21.455 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072501.D

Acq: 16 May 2022 14:40

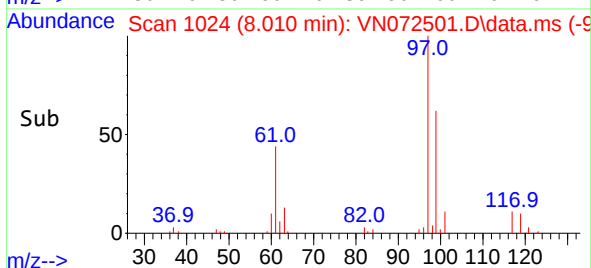
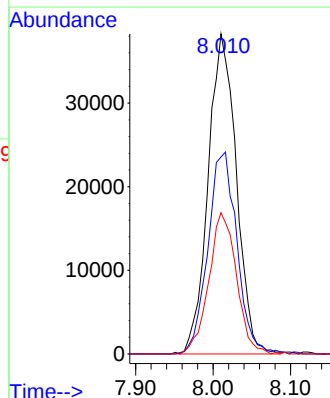
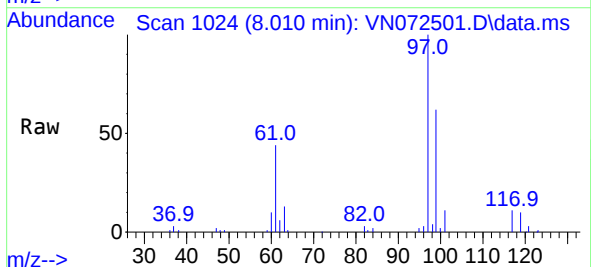
Tgt Ion: 97 Resp: 96841

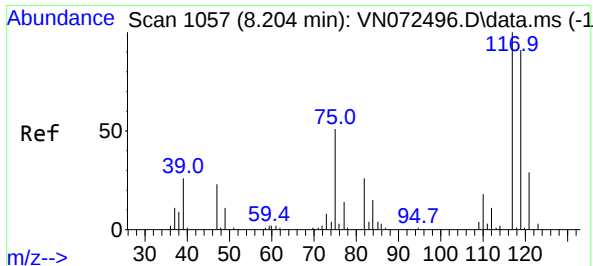
Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

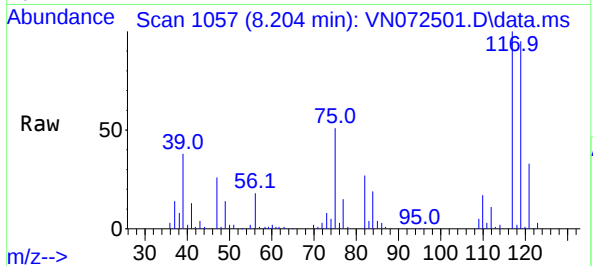
61 43.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.583 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

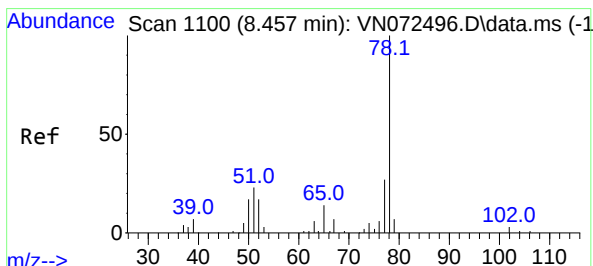
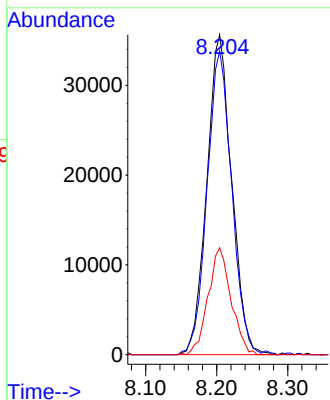
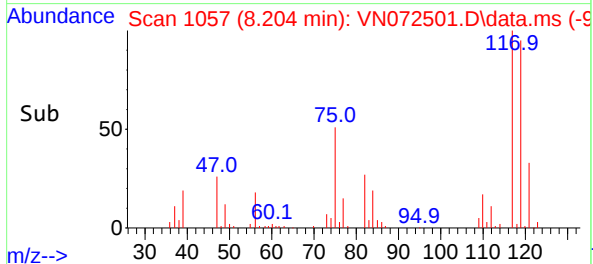
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



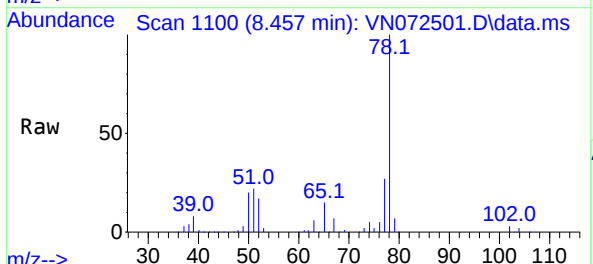
Tgt Ion:117 Resp: 86572
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
121 33.4 23.5 35.3

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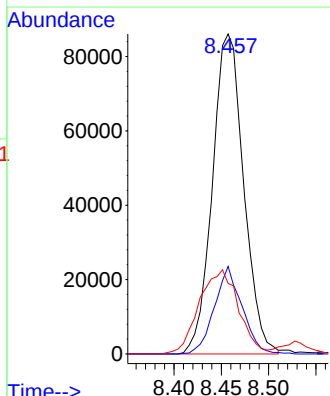
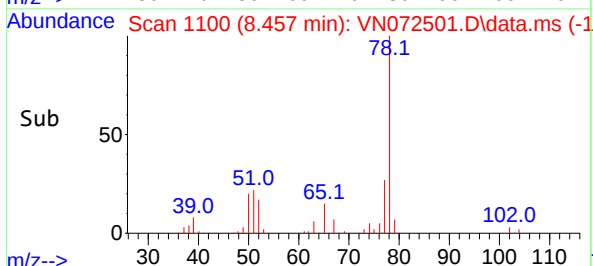
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

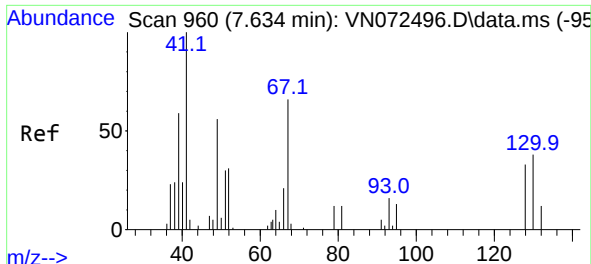


#34
Benzene
Concen: 21.964 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



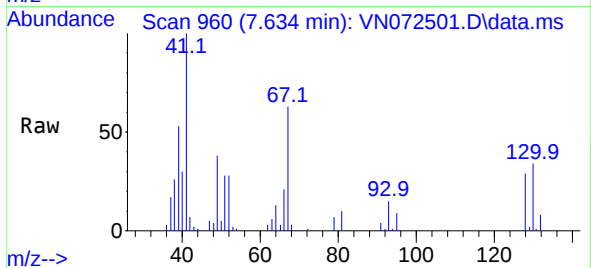
Tgt Ion: 78 Resp: 197486
Ion Ratio Lower Upper
78 100
77 27.3 19.1 28.7
51 20.6 16.0 24.0





#35
Methacrylonitrile
Concen: 21.811 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

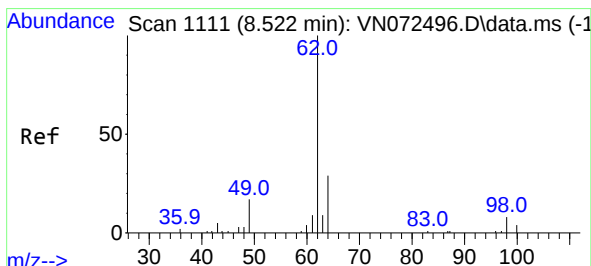
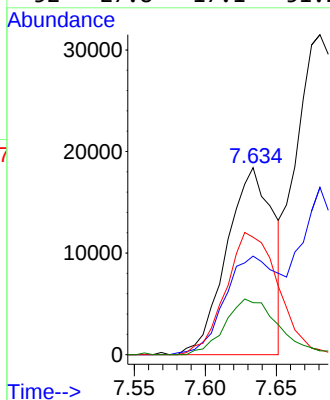
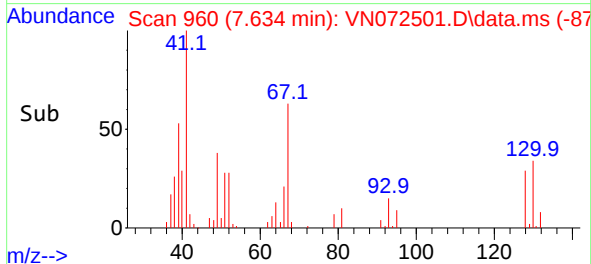
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



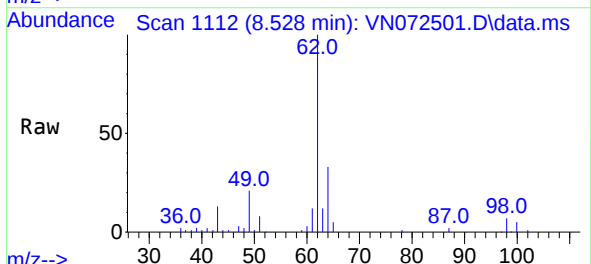
Tgt Ion: 41 Resp: 42230
Ion Ratio Lower Upper
41 100
39 51.7 28.0 83.9
67 62.8 37.7 113.1
52 27.8 17.1 51.2

Manual Integrations
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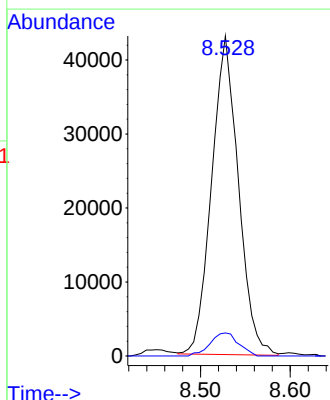
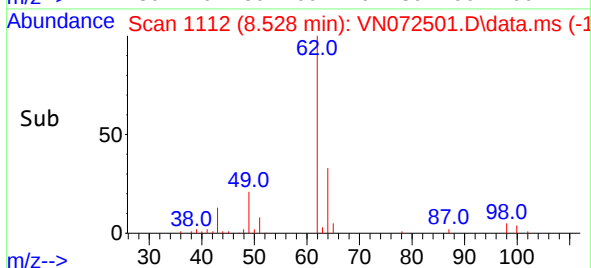
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

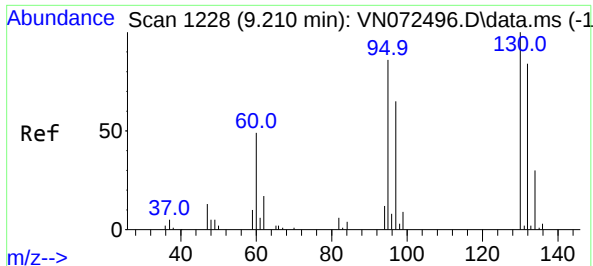


#36
1,2-Dichloroethane
Concen: 21.278 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



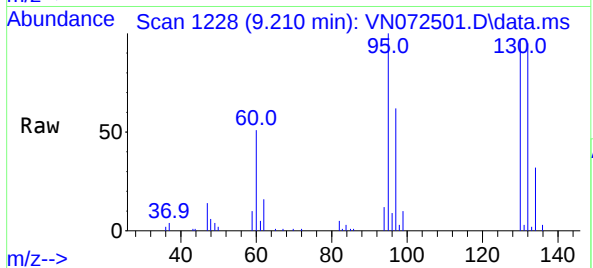
Tgt Ion: 62 Resp: 89098
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37
Trichloroethene
Concen: 21.752 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

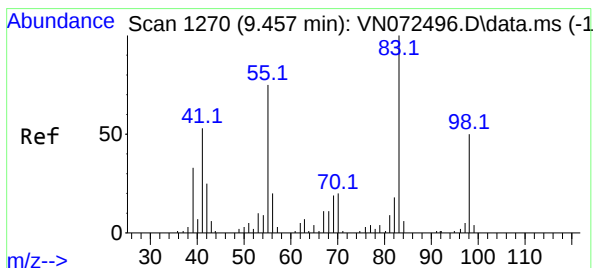
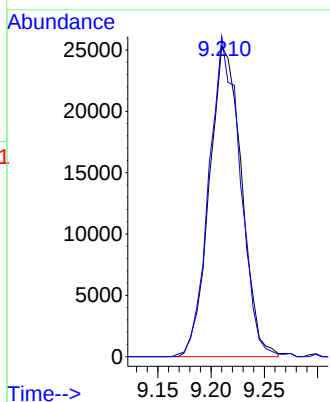
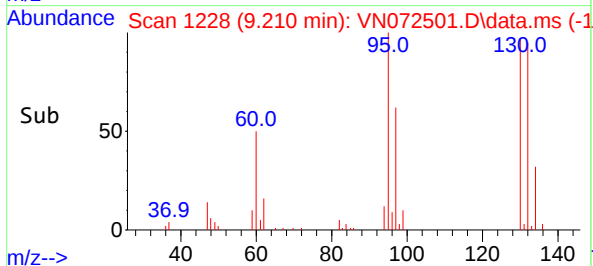
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



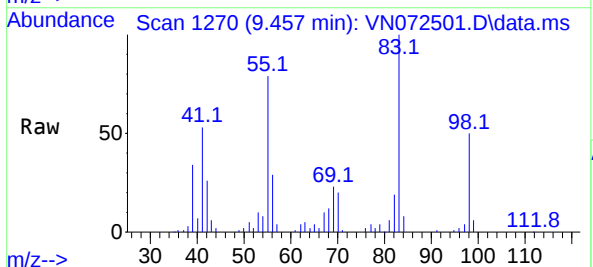
Tgt Ion:130 Resp: 5306
Ion Ratio Lower Upper
130 100
95 102.2 76.6 115.0

Manual Integrations
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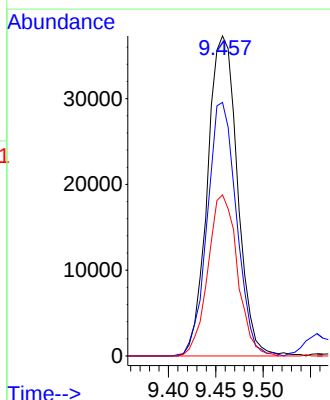
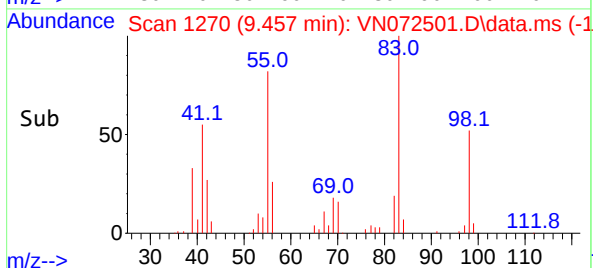
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

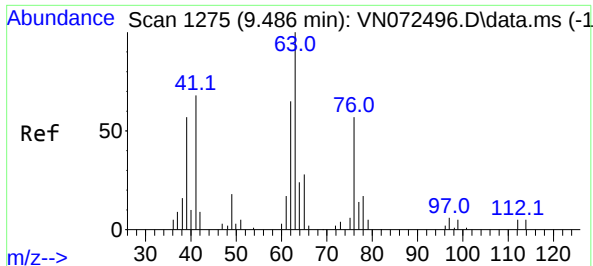


#38
Methylcyclohexane
Concen: 22.344 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 83 Resp: 81746
Ion Ratio Lower Upper
83 100
55 77.7 35.1 105.3
98 49.7 23.4 70.2





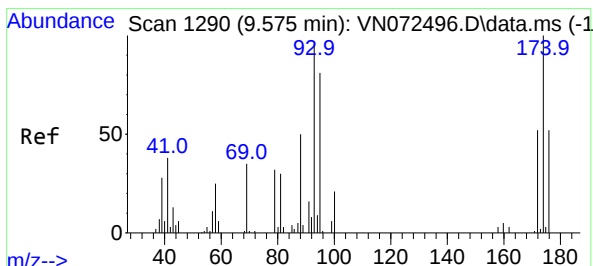
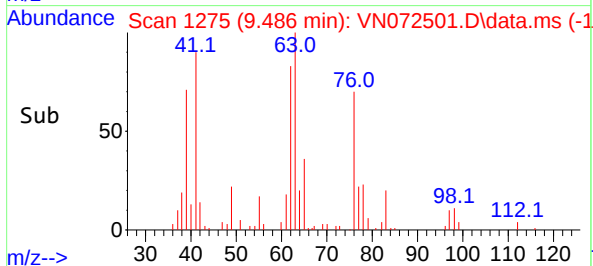
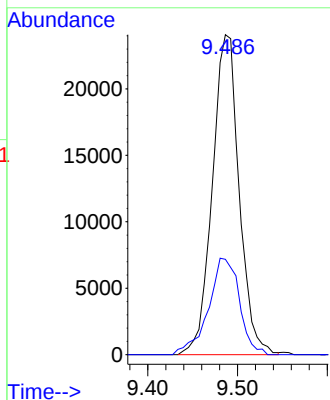
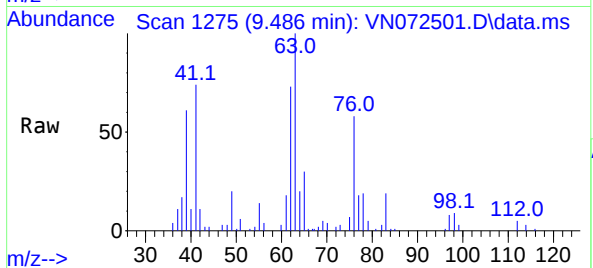
#39
1,2-Dichloropropane
Concen: 22.082 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 63 Resp: 5001
Ion Ratio Lower Upper
63 100
65 29.8 24.2 36.4

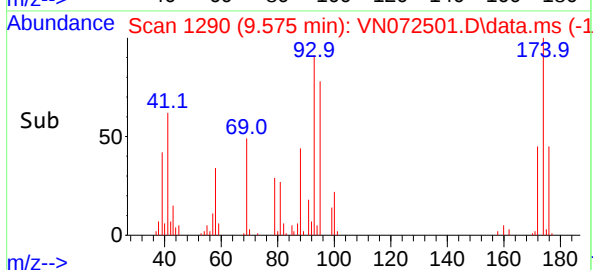
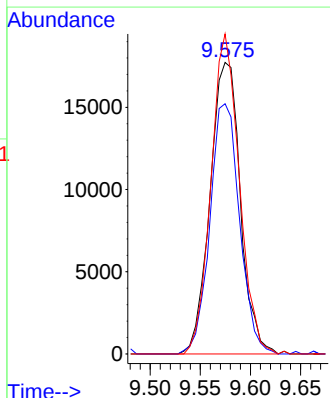
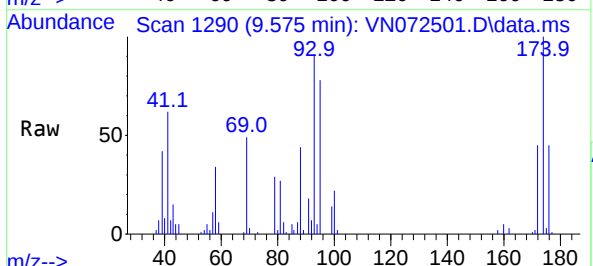
Manual Integrations
APPROVED

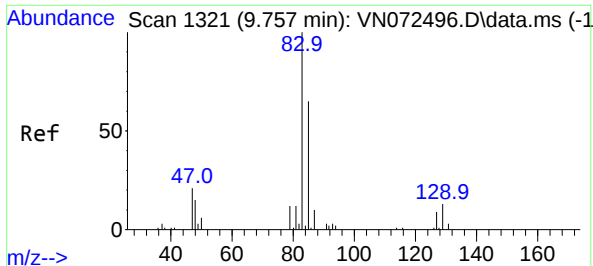
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
Dibromomethane
Concen: 21.271 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 93 Resp: 37191
Ion Ratio Lower Upper
93 100
95 84.0 0.0 168.8
174 102.4 0.0 173.6





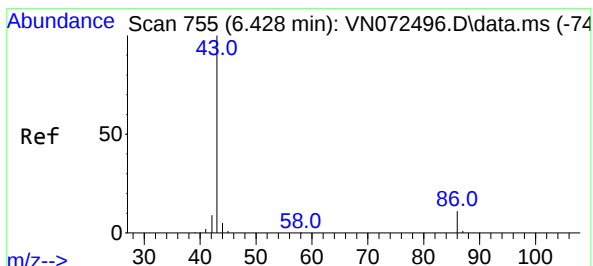
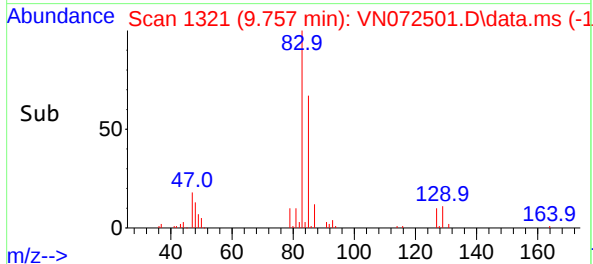
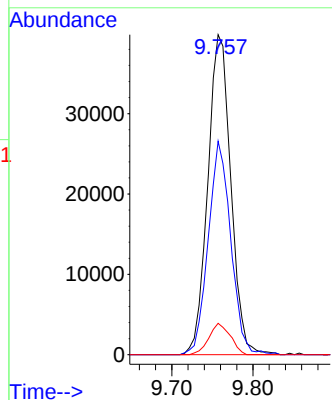
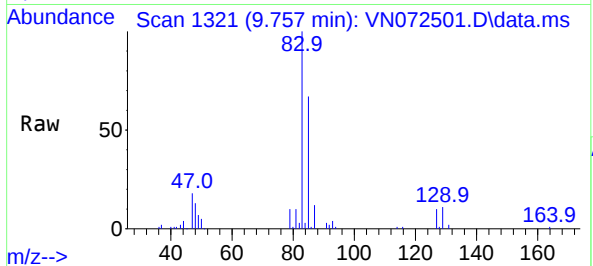
#41
Bromodichloromethane
Concen: 21.209 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 83 Resp: 78564
Ion Ratio Lower Upper
83 100
85 66.7 54.1 81.1
127 9.8 7.6 11.4

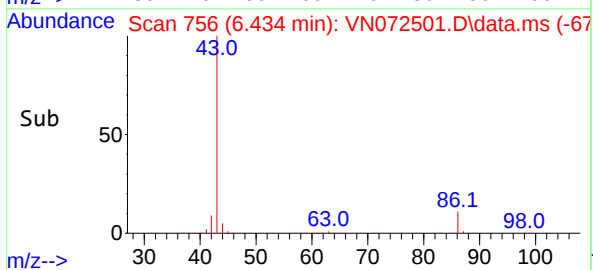
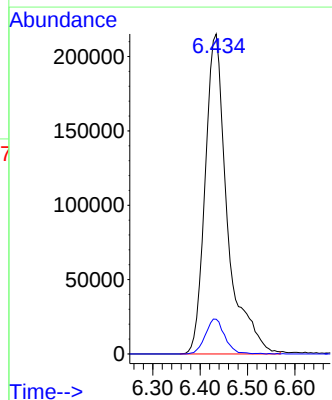
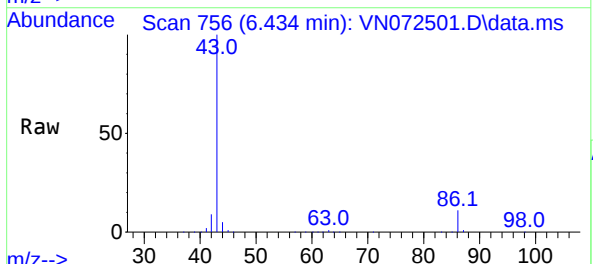
Manual Integrations
APPROVED

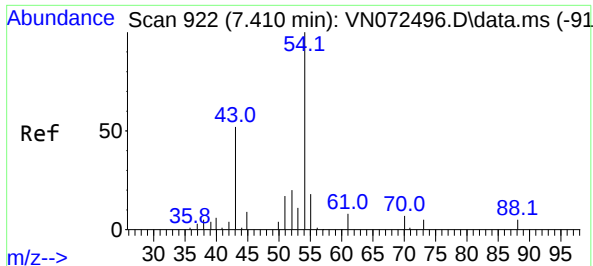
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#42
Vinyl Acetate
Concen: 113.711 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

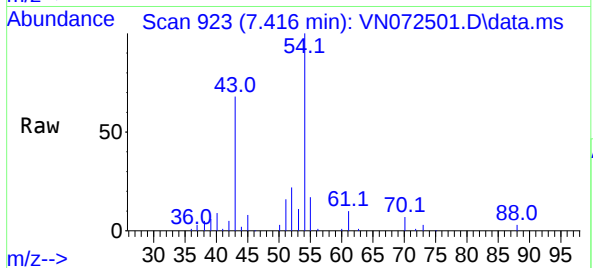
Tgt Ion: 43 Resp: 700952
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3





#43
Ethyl Acetate
Concen: 24.840 ug/l
RT: 7.416 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

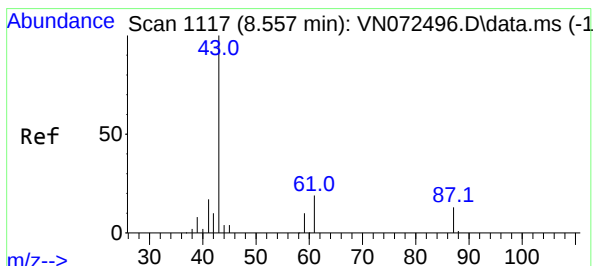
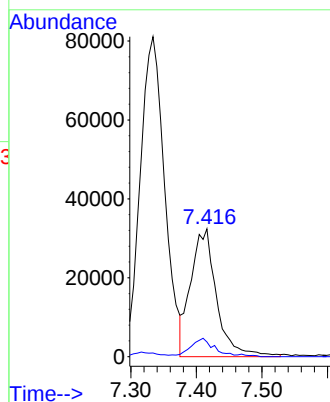
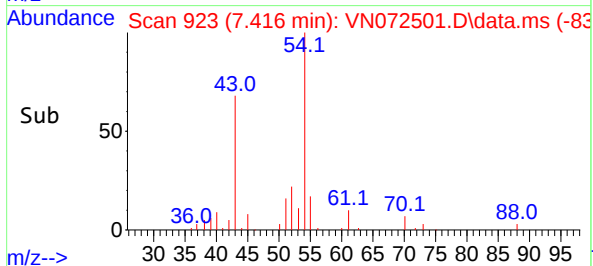
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



Tgt Ion: 43 Resp: 88845
Ion Ratio Lower Upper
43 100
45 10.3 10.6 16.0

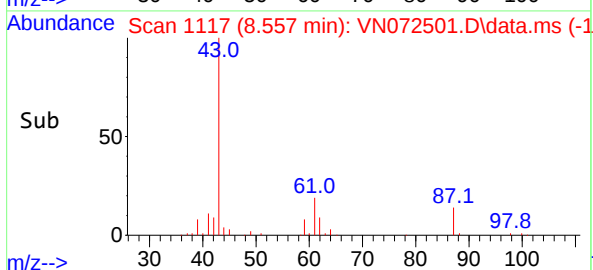
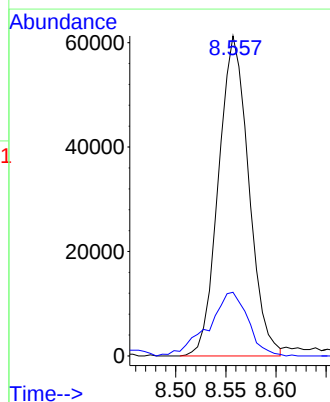
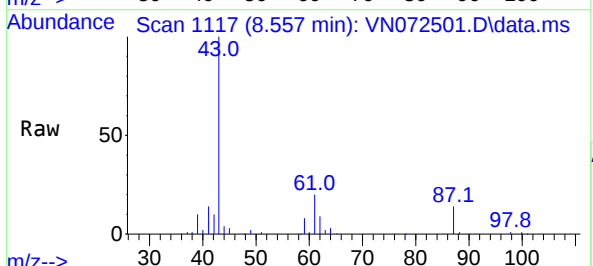
Manual Integrations
APPROVED

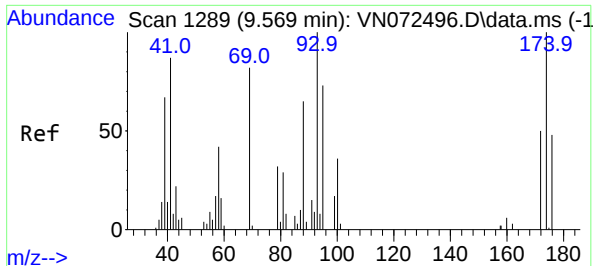
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#44
Isopropyl Acetate
Concen: 22.444 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

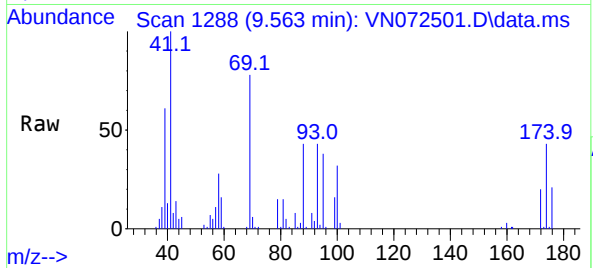
Tgt Ion: 43 Resp: 128501
Ion Ratio Lower Upper
43 100
61 26.0 20.1 30.1





#45
1,4-Dioxane
Concen: 460.326 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

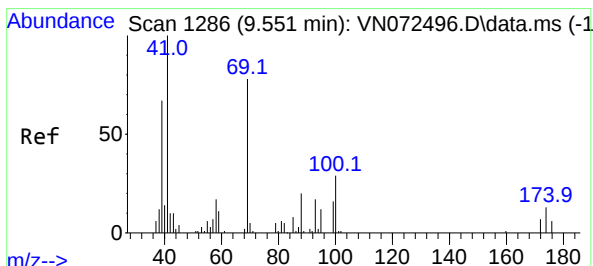
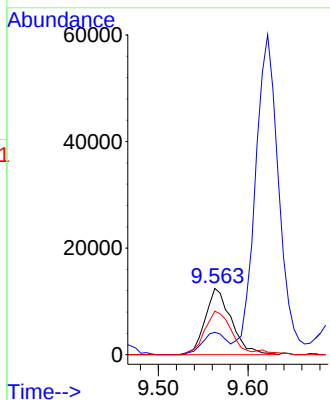
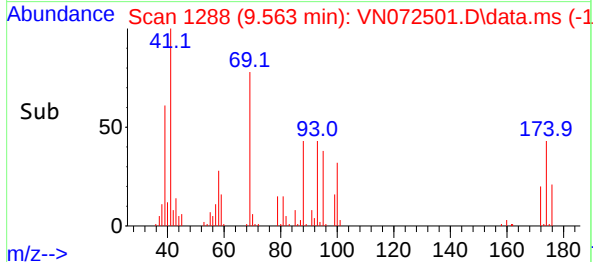
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



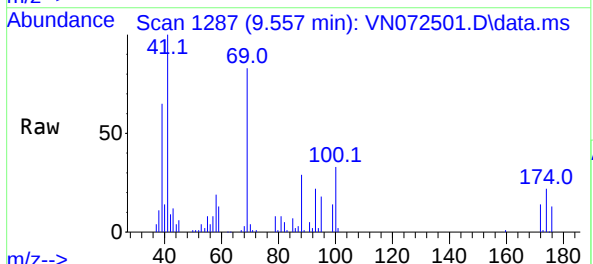
Tgt Ion: 88 Resp: 2510
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.6
58 66.6 49.4 74.2

Manual Integrations
APPROVED

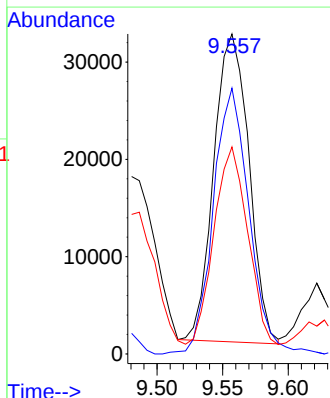
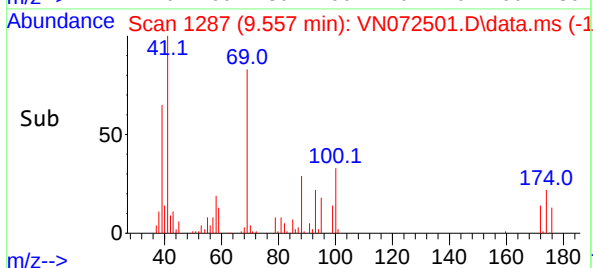
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

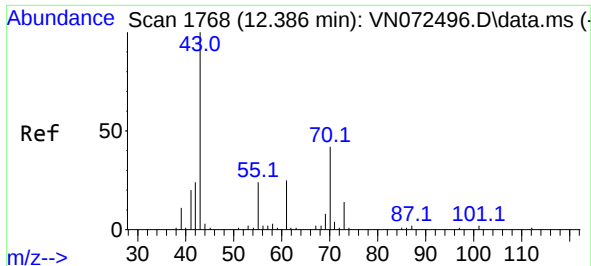


#46
Methyl methacrylate
Concen: 21.739 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 41 Resp: 58895
Ion Ratio Lower Upper
41 100
69 86.2 44.4 133.2
39 64.6 39.9 119.6





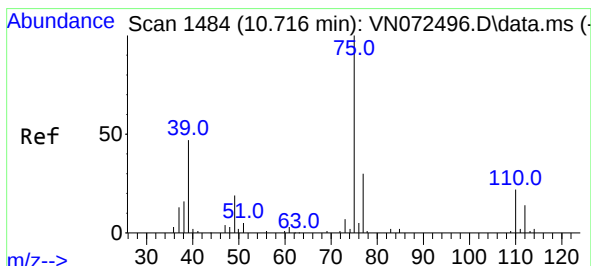
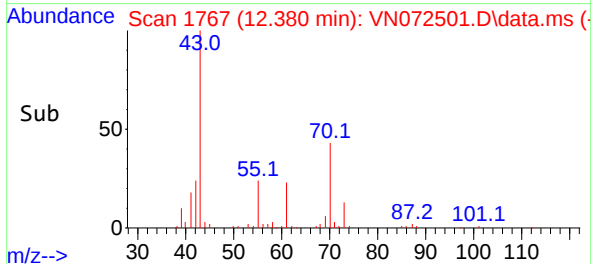
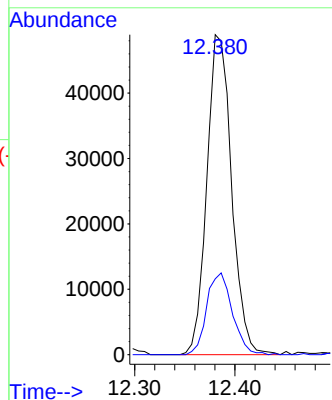
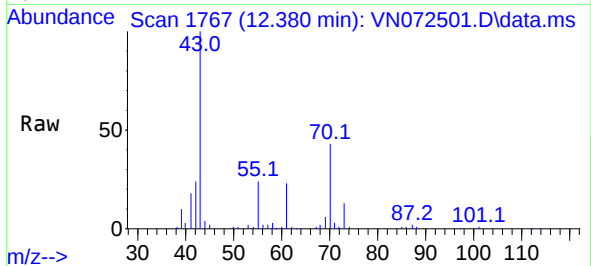
#47
n-amy1 Acetate
Concen: 21.968 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 43 Resp: 8419
Ion Ratio Lower Upper
43 100
55 26.3 19.0 28.6

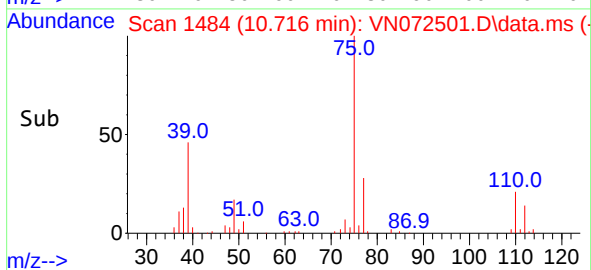
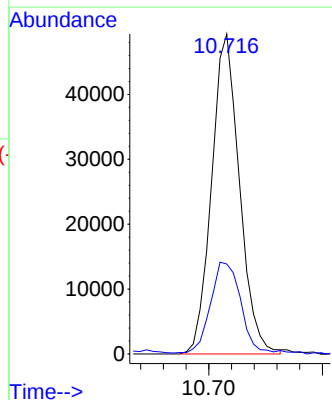
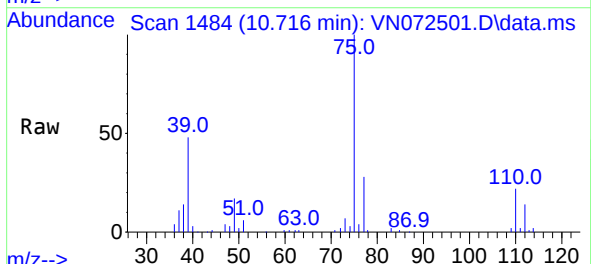
Manual Integrations
APPROVED

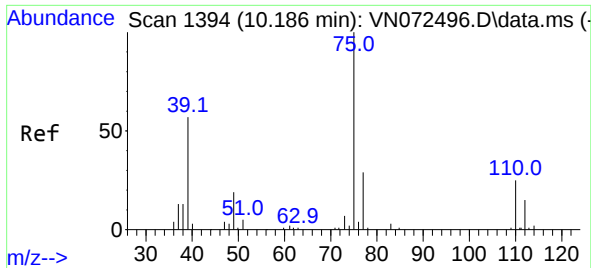
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#48
t-1,3-Dichloropropene
Concen: 21.484 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 75 Resp: 84012
Ion Ratio Lower Upper
75 100
77 27.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 22.352 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

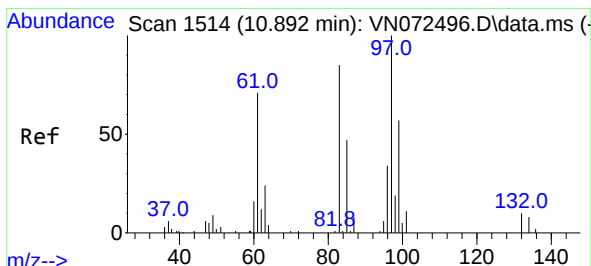
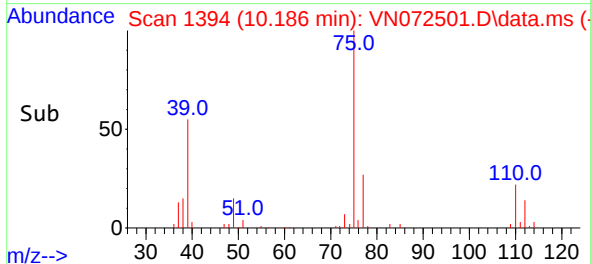
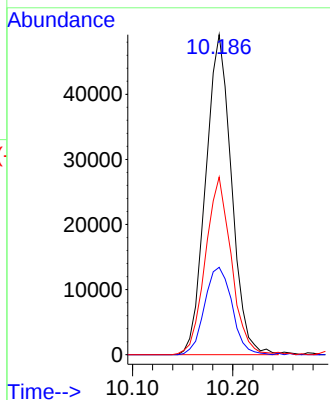
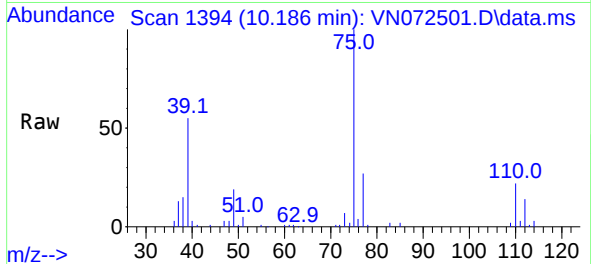
ClientSampleId :

ICVVN051622

Tgt Ion: 75 Resp: 88098
Ion Ratio Lower Upper
75 100
77 27.3 25.3 37.9
39 55.2 46.2 69.4

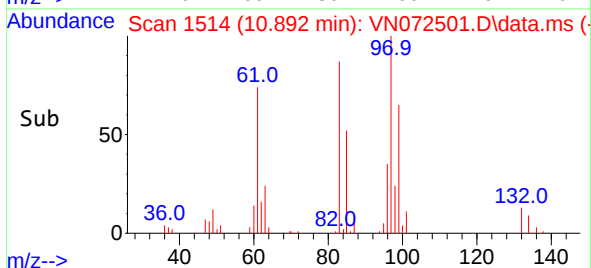
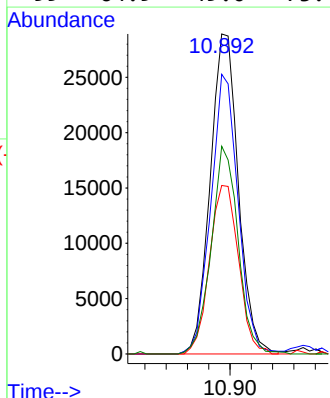
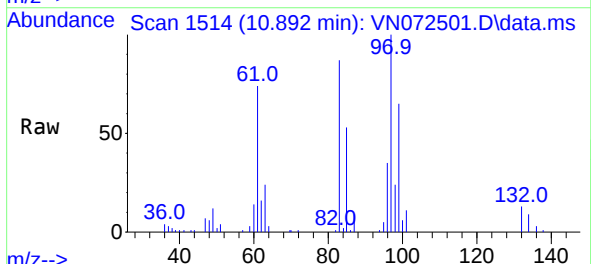
Manual Integrations
APPROVED

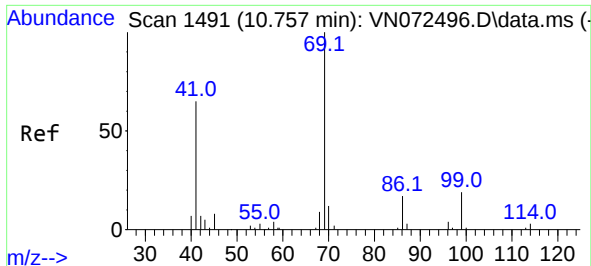
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#50
1,1,2-Trichloroethane
Concen: 22.031 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

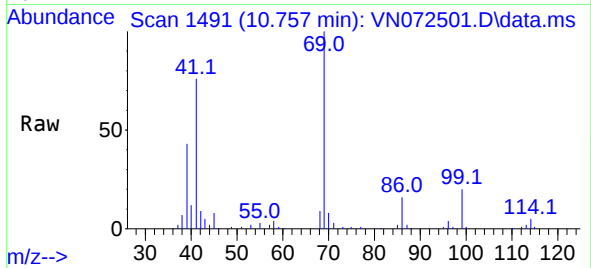
Tgt Ion: 97 Resp: 53131
Ion Ratio Lower Upper
97 100
83 87.4 67.2 100.8
85 52.7 43.0 64.4
99 64.9 49.0 73.4





#51
Ethyl methacrylate
Concen: 22.128 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

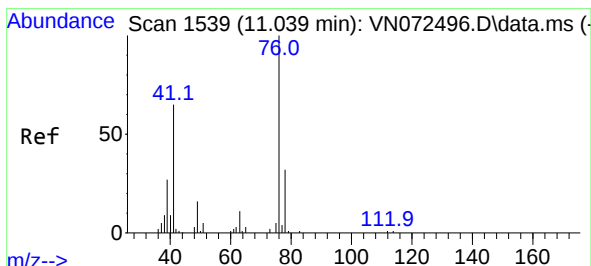
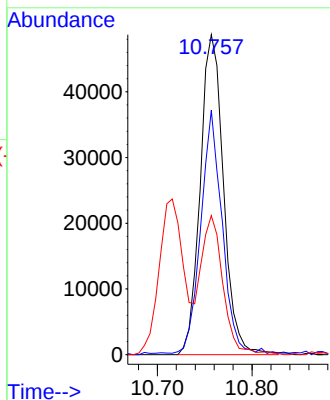
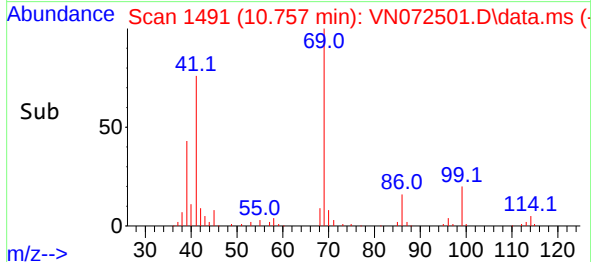
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



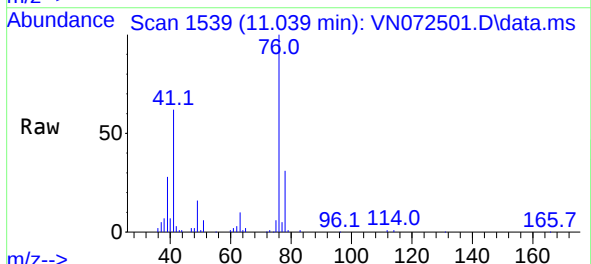
Tgt Ion: 69 Resp: 83215
Ion Ratio Lower Upper
69 100
41 75.8 33.0 98.9
39 43.1 25.4 76.4

Manual Integrations
APPROVED

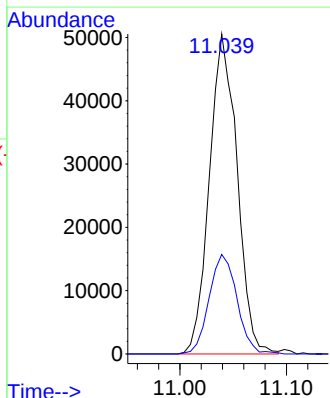
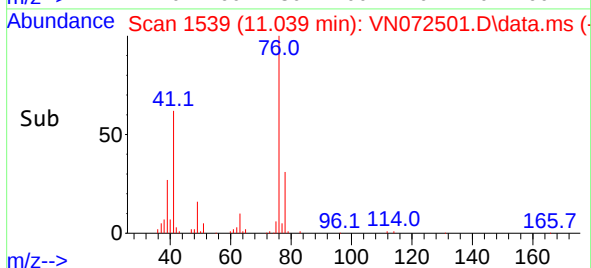
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

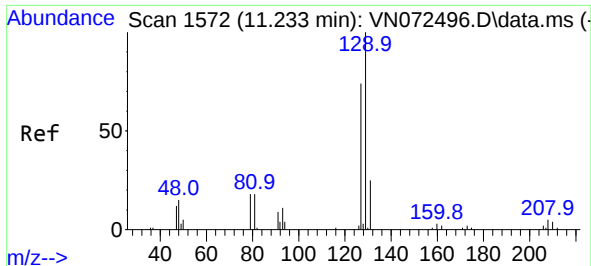


#52
1,3-Dichloropropane
Concen: 21.916 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



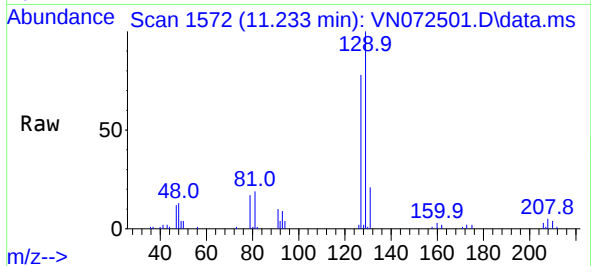
Tgt Ion: 76 Resp: 91316
Ion Ratio Lower Upper
76 100
78 30.9 0.0 65.4





#53
Dibromochloromethane
Concen: 22.058 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

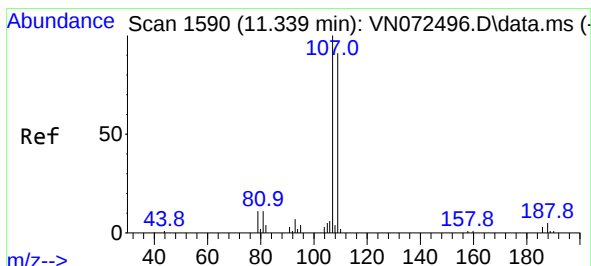
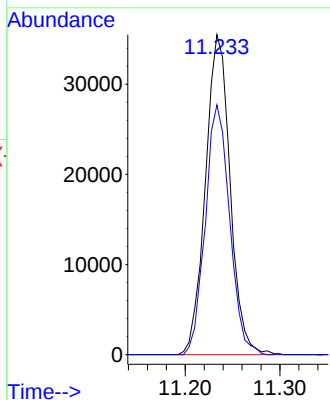
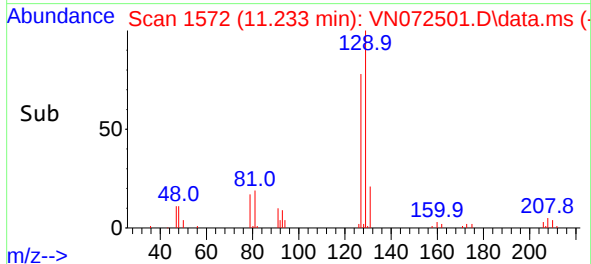
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



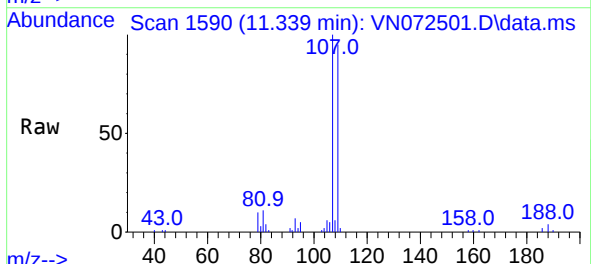
Tgt Ion:129 Resp: 64230
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

Manual Integrations
APPROVED

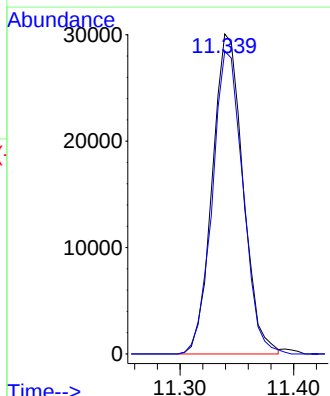
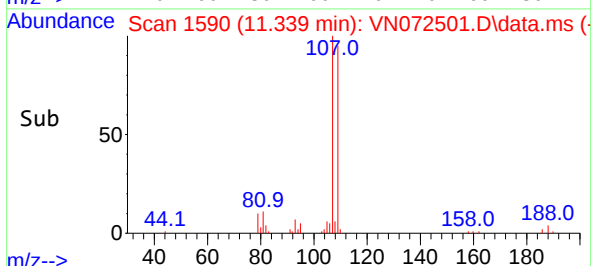
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

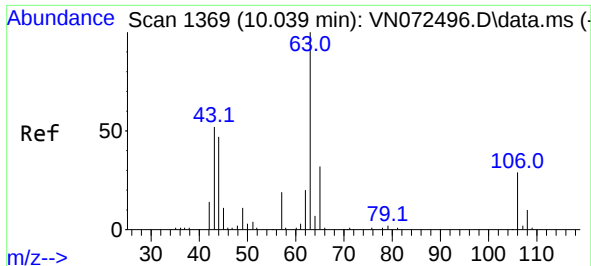


#54
1,2-Dibromoethane
Concen: 21.915 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion:107 Resp: 56219
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2





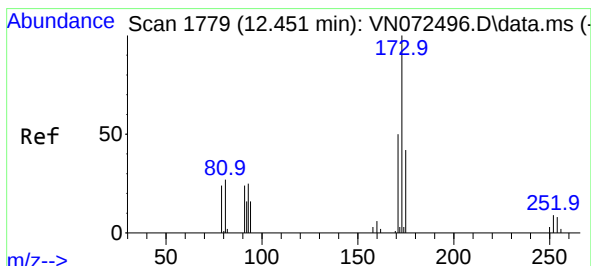
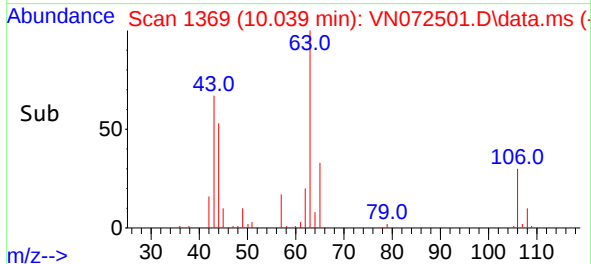
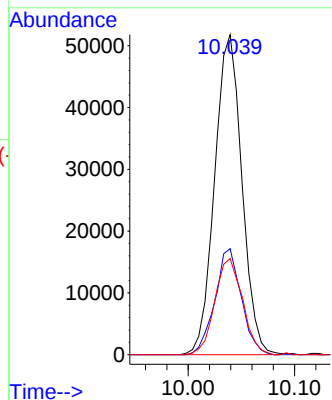
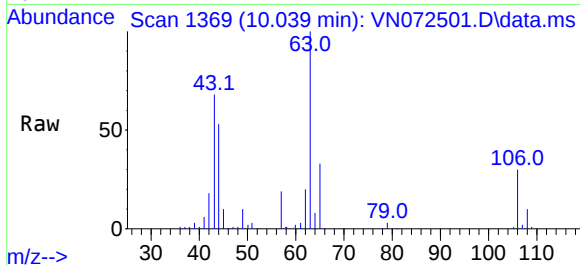
#55
2-Chloroethyl vinyl ether
Concen: 96.368 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 63 Resp: 91950
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 30.6 23.2 34.8

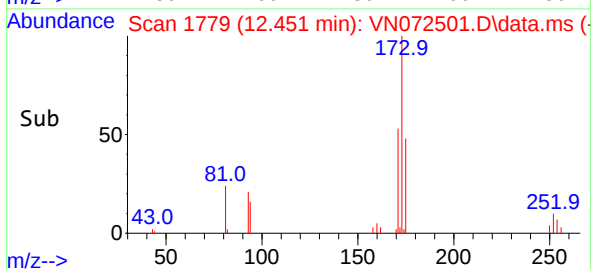
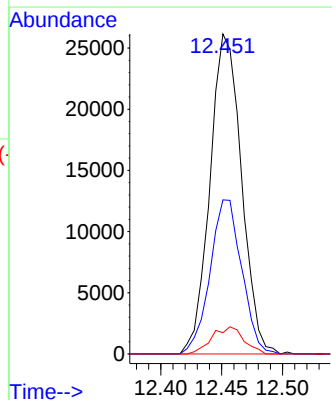
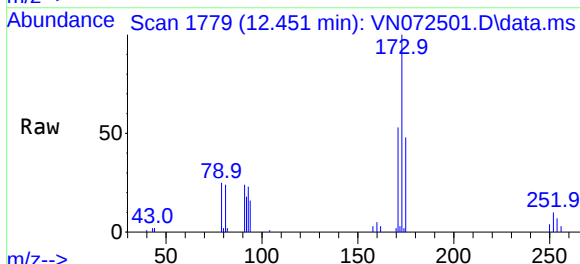
Manual Integrations
APPROVED

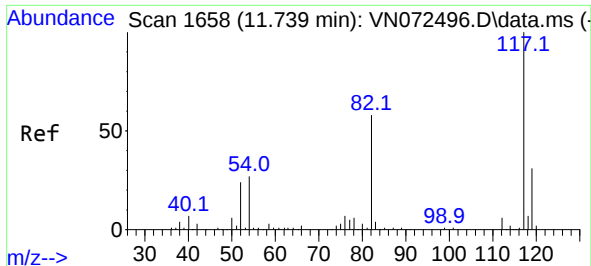
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56
Bromoform
Concen: 21.439 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:173 Resp: 47080
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 8.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

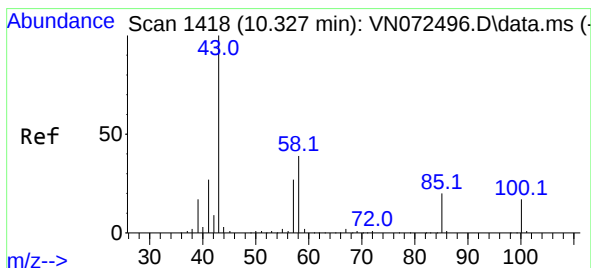
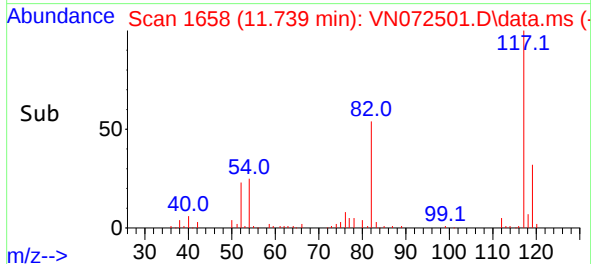
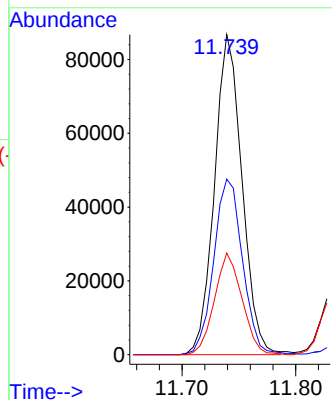
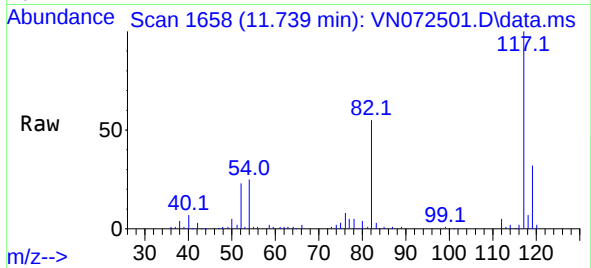
ICVVN051622

Tgt Ion:117 Resp: 145990
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 31.7 25.8 38.6

Manual Integrations

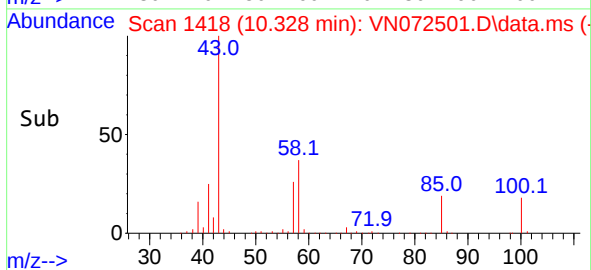
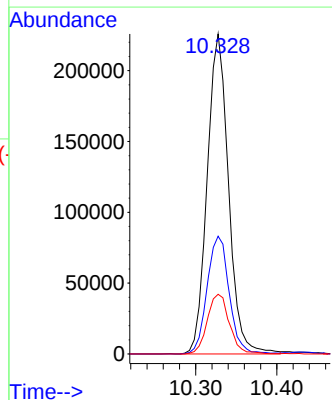
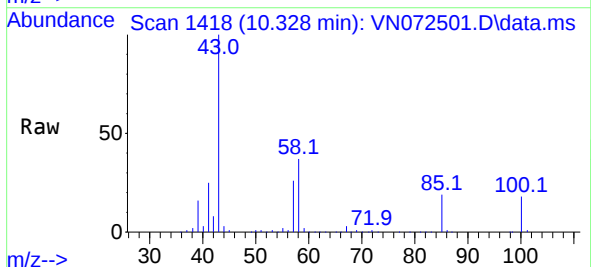
APPROVED

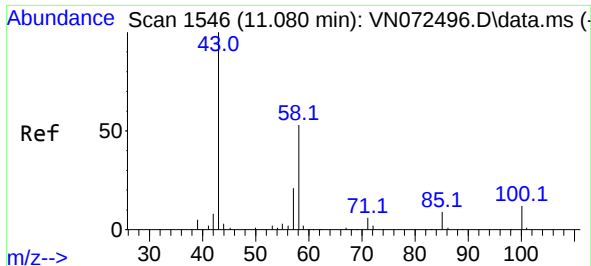
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
4-Methyl-2-Pentanone
Concen: 119.971 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

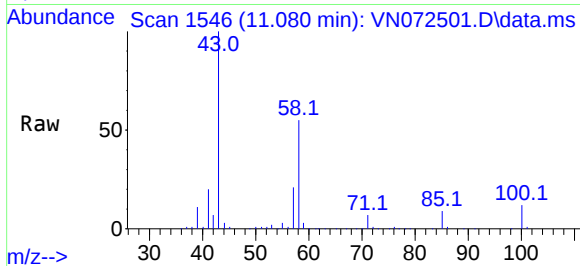
Tgt Ion: 43 Resp: 412704
Ion Ratio Lower Upper
43 100
58 38.0 30.0 45.0
85 19.3 15.0 22.6





#59
2-Hexanone
Concen: 122.391 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

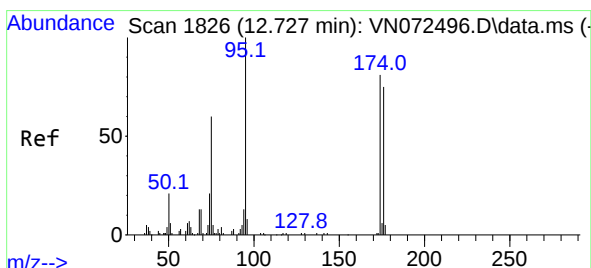
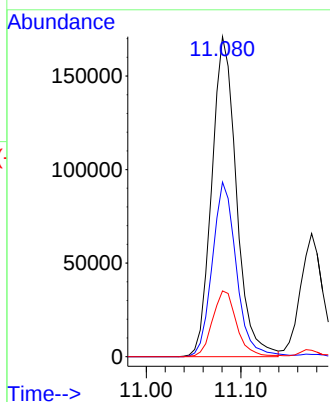
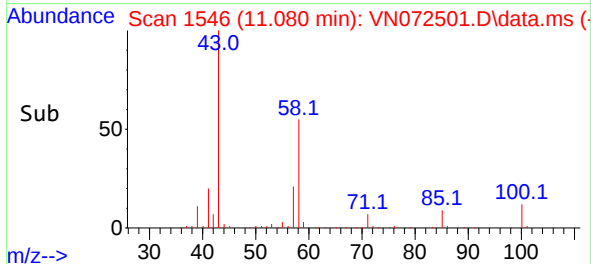
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



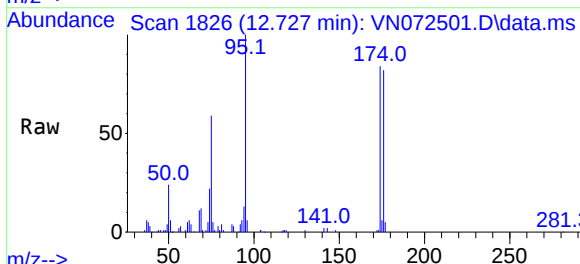
Tgt Ion: 43 Resp: 30930
Ion Ratio Lower Upper
43 100
58 53.3 42.2 63.2
57 20.2 15.0 22.4

Manual Integrations
APPROVED

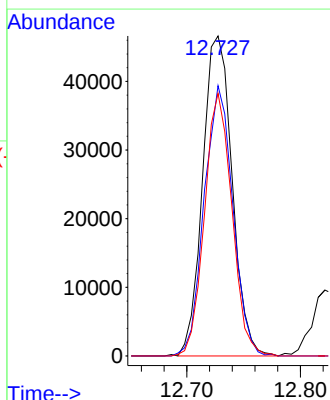
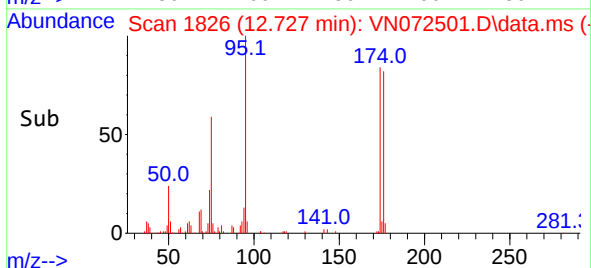
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

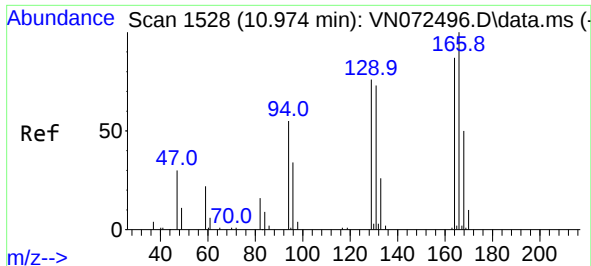


#60
4-Bromofluorobenzene
Concen: 29.500 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 95 Resp: 84091
Ion Ratio Lower Upper
95 100
174 82.1 62.9 94.3
176 76.4 61.0 91.4





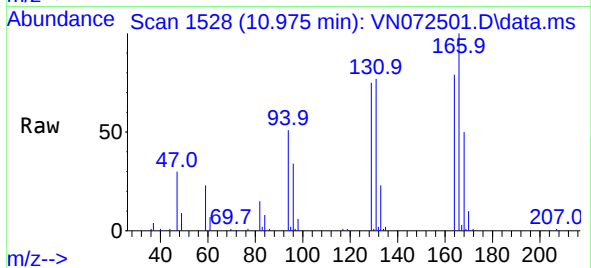
#61
Tetrachloroethene
Concen: 22.493 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051622

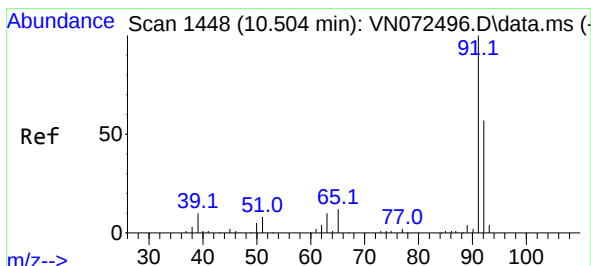
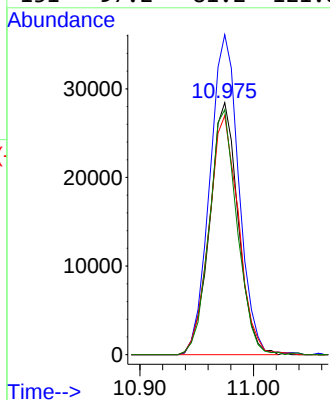
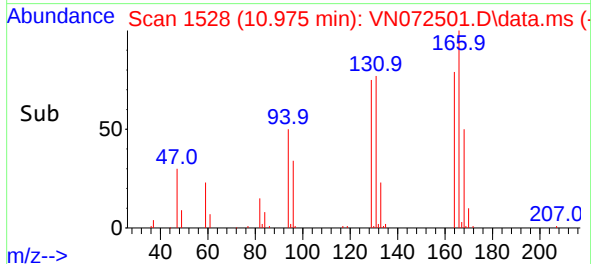


Tgt Ion:164 Resp: 4917
Ion Ratio Lower Upper
164 100
166 126.9 105.8 158.8
129 94.9 82.5 123.7
131 97.2 81.2 121.8

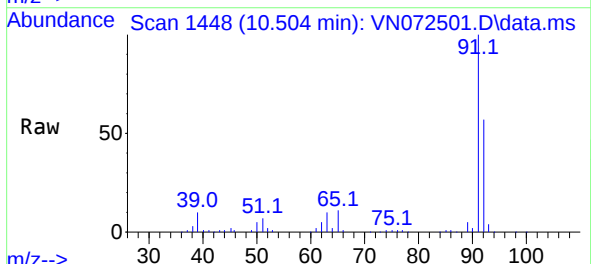
Manual Integrations

APPROVED

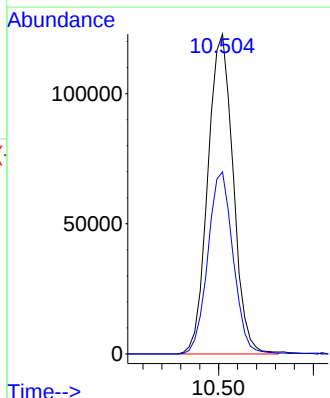
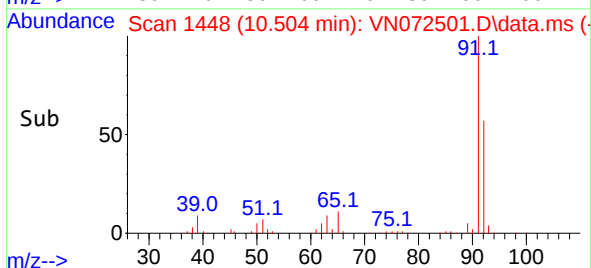
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

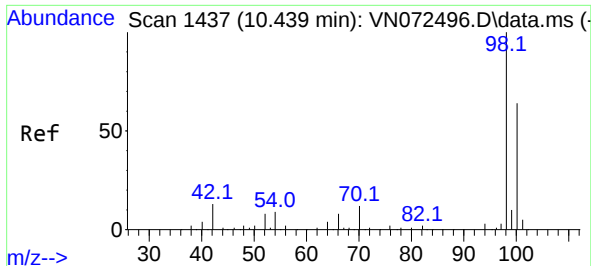


#62
Toluene
Concen: 23.148 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 91 Resp: 228299
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





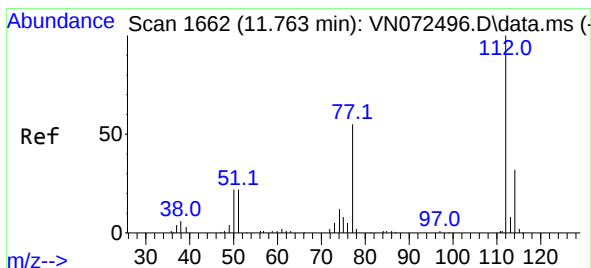
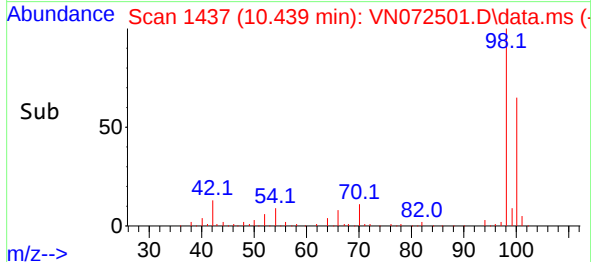
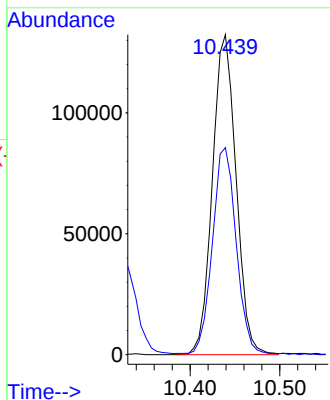
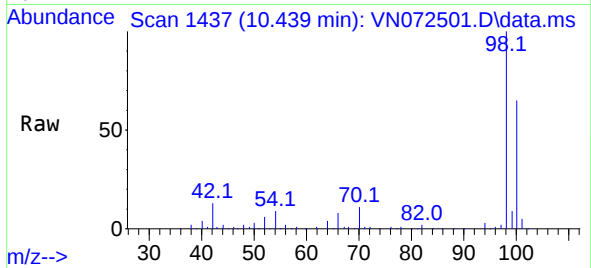
#63
Toluene-d8
Concen: 30.406 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 98 Resp: 242311
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

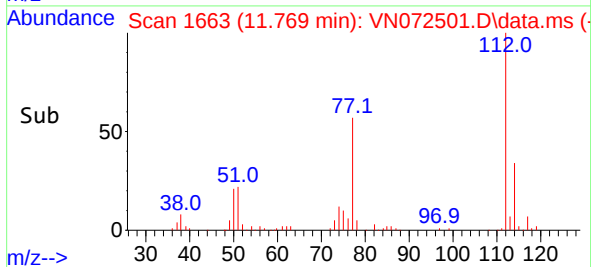
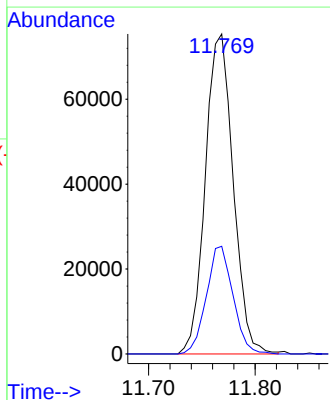
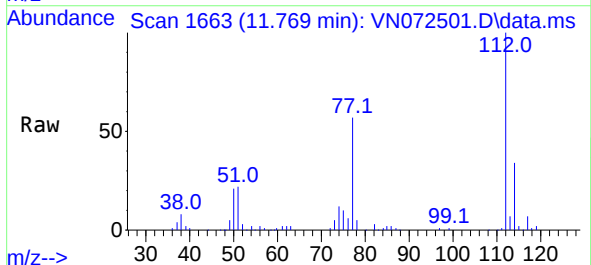
Manual Integrations
APPROVED

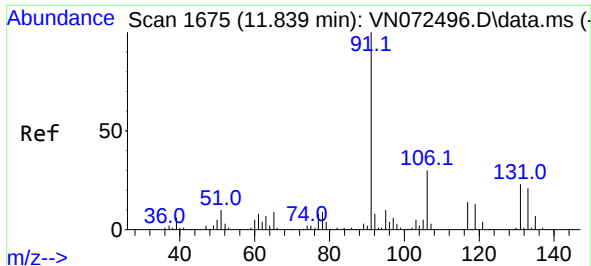
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#64
Chlorobenzene
Concen: 22.255 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:112 Resp: 136919
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6





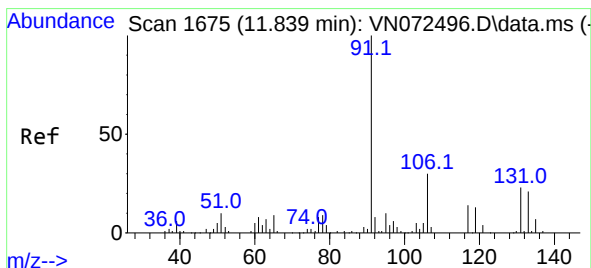
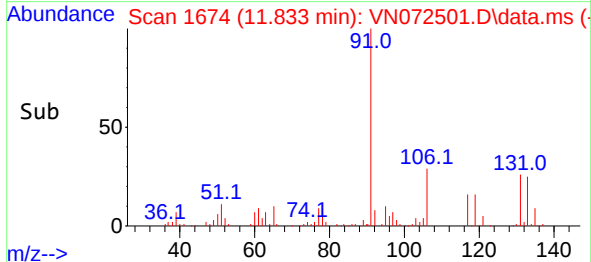
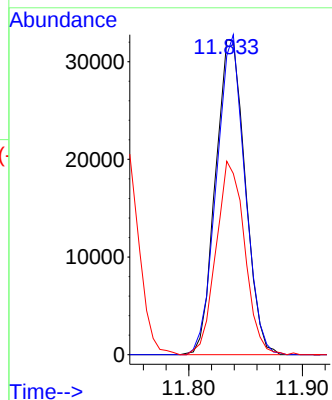
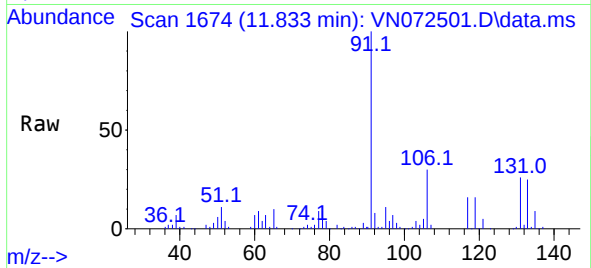
#65
1,1,1,2-Tetrachloroethane
Concen: 22.935 ug/l
RT: 11.833 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion:131 Resp: 5834
Ion Ratio Lower Upper
131 100
133 97.5 0.0 191.2
119 59.5 0.0 128.8

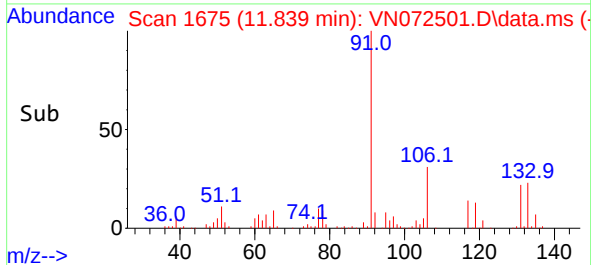
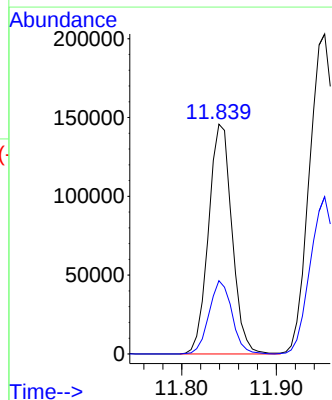
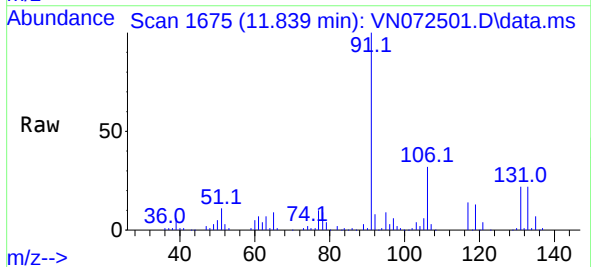
Manual Integrations
APPROVED

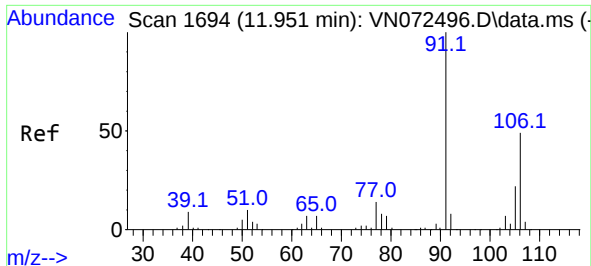
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#66
Ethyl Benzene
Concen: 22.621 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 91 Resp: 250951
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0





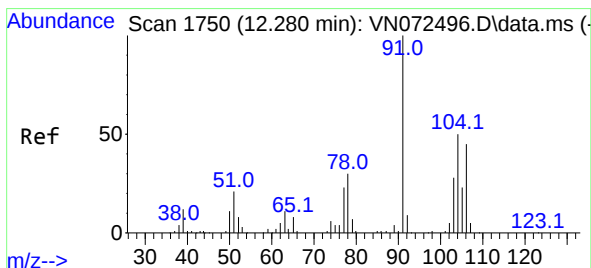
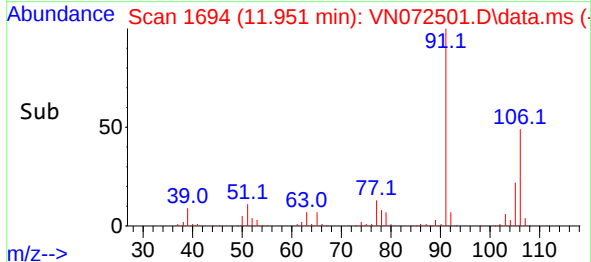
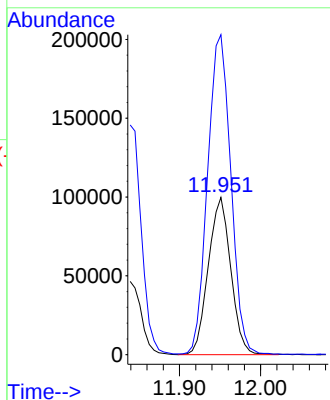
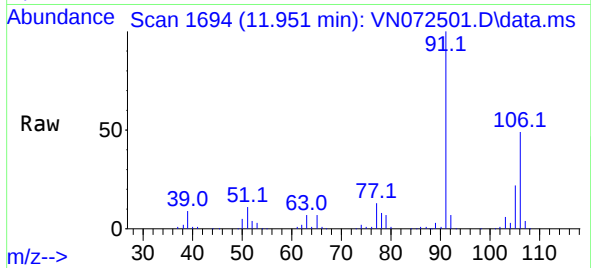
#67
m/p-Xylenes
Concen: 45.698 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion:106 Resp: 19220
Ion Ratio Lower Upper
106 100
91 210.0 162.9 244.3

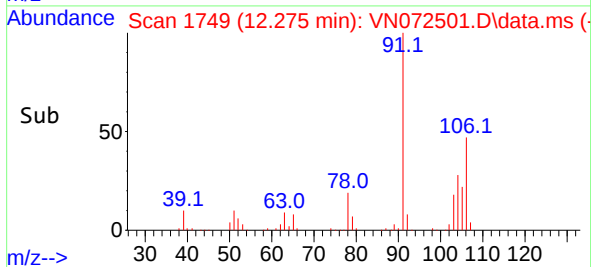
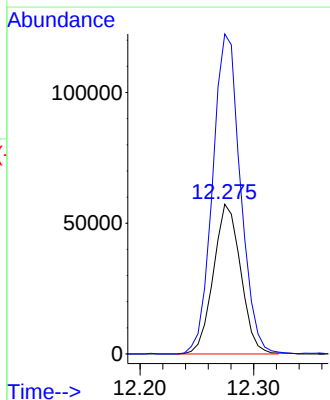
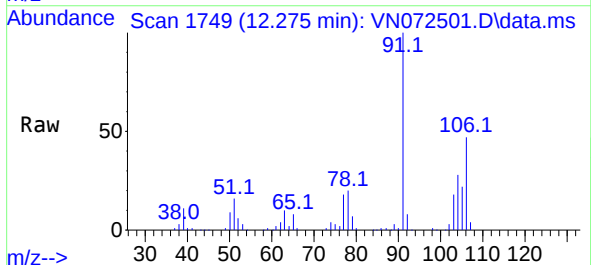
Manual Integrations
APPROVED

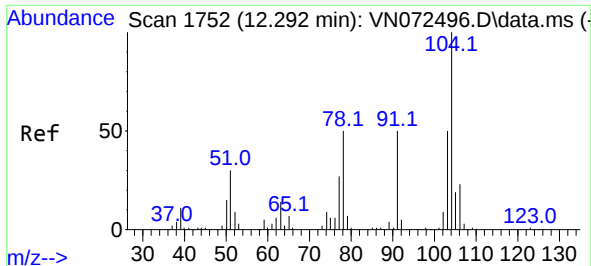
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
o-Xylene
Concen: 22.993 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:106 Resp: 95596
Ion Ratio Lower Upper
106 100
91 217.9 107.7 323.1





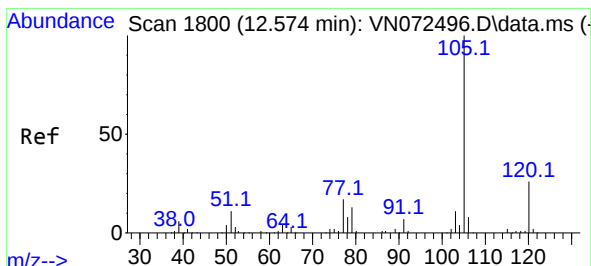
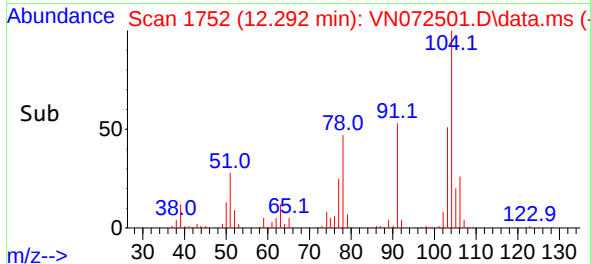
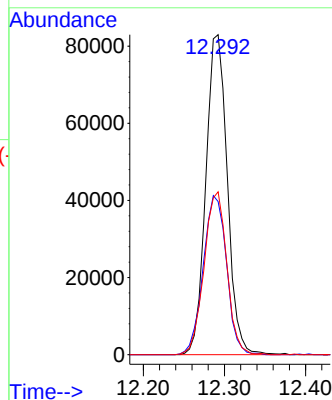
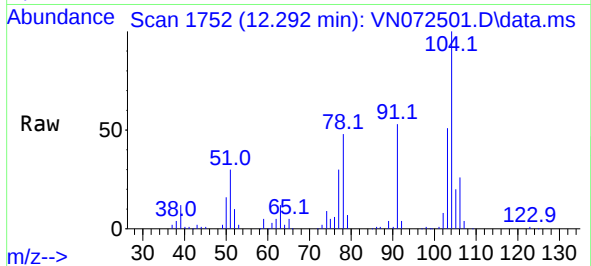
#69
Styrene
Concen: 23.022 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion:104 Resp: 152438
Ion Ratio Lower Upper
104 100
78 54.1 40.7 61.1
103 53.9 45.8 68.8

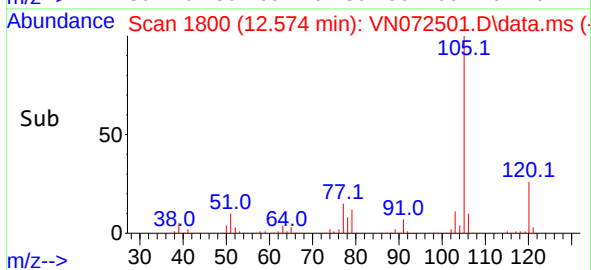
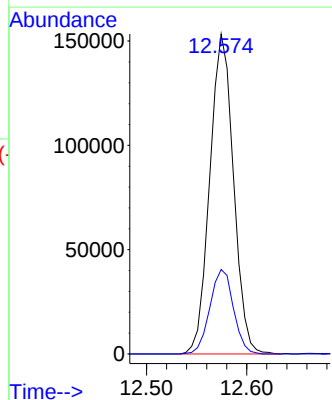
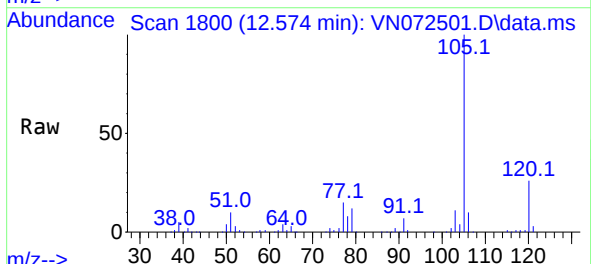
Manual Integrations
APPROVED

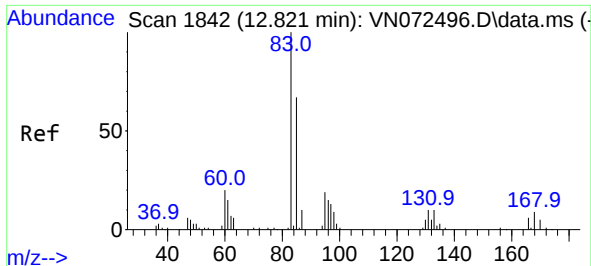
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#70
Isopropylbenzene
Concen: 22.845 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:105 Resp: 252034
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





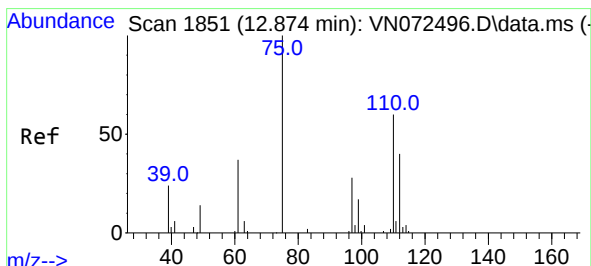
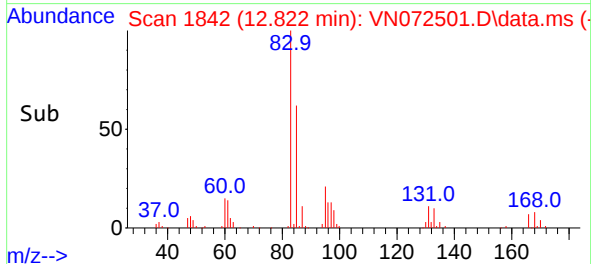
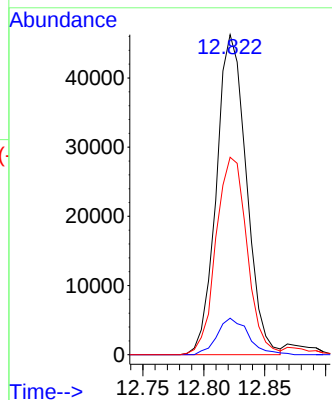
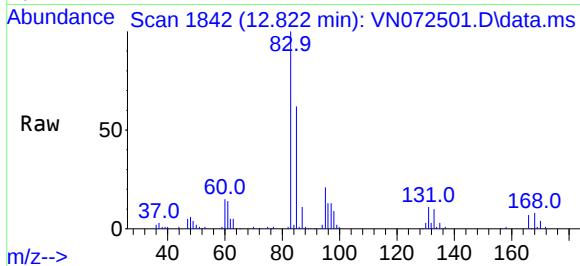
#71
1,1,2,2-Tetrachloroethane
Concen: 23.498 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 83 Resp: 79164
Ion Ratio Lower Upper
83 100
131 11.9 5.1 15.3
85 63.9 33.1 99.2

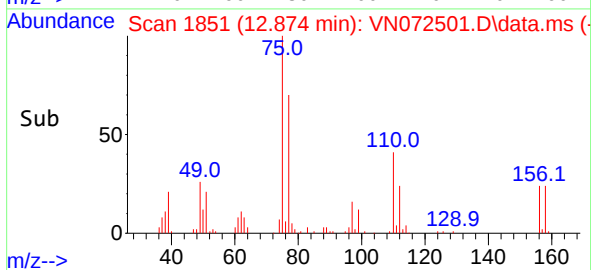
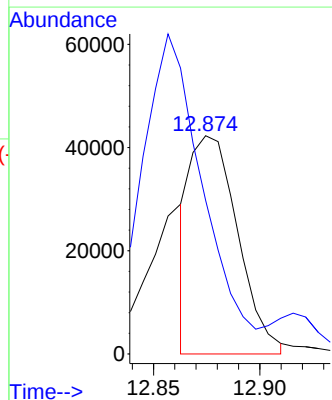
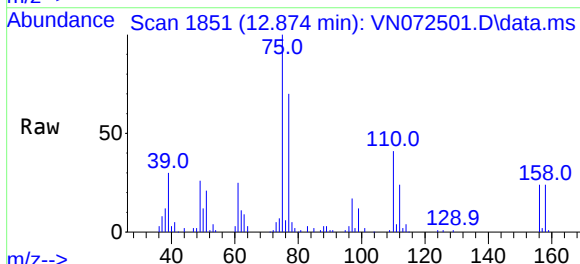
Manual Integrations
APPROVED

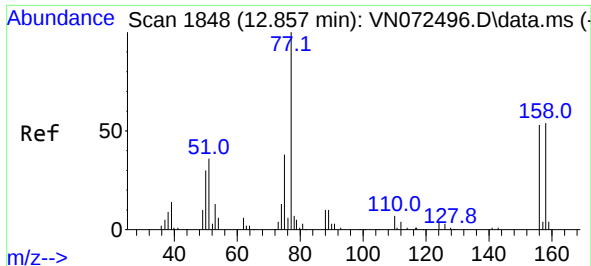
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,2,3-Trichloropropane
Concen: 20.812 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

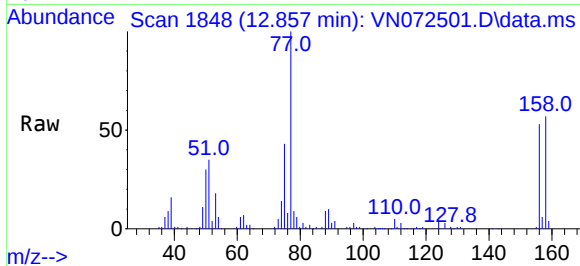
Tgt Ion: 75 Resp: 65760
Ion Ratio Lower Upper
75 100
77 190.0 0.0 378.0





#73
Bromobenzene
Concen: 22.043 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

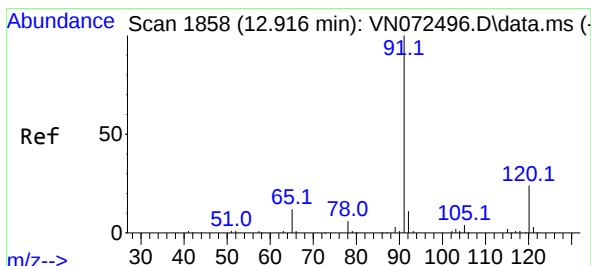
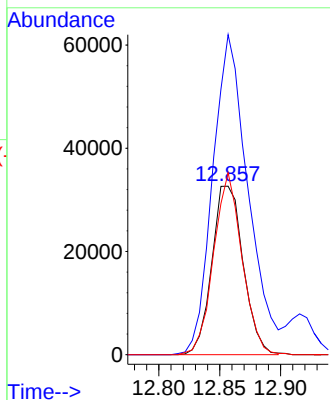
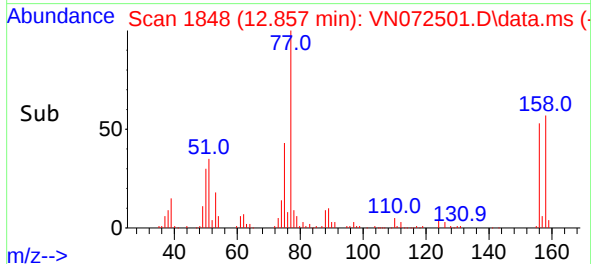
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



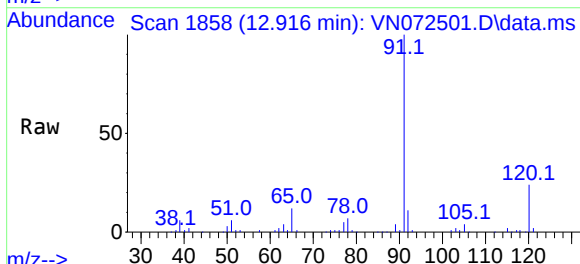
Tgt Ion:156 Resp: 58529
Ion Ratio Lower Upper
156 100
77 213.5 0.0 416.0
158 98.0 0.0 195.4

Manual Integrations
APPROVED

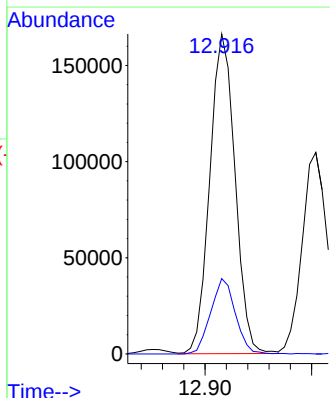
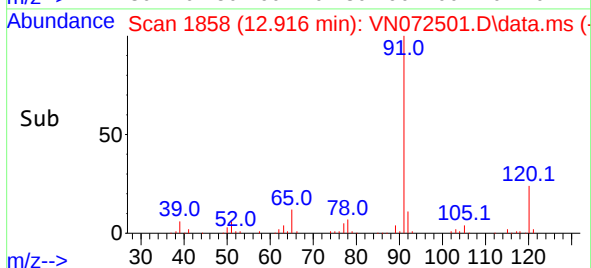
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

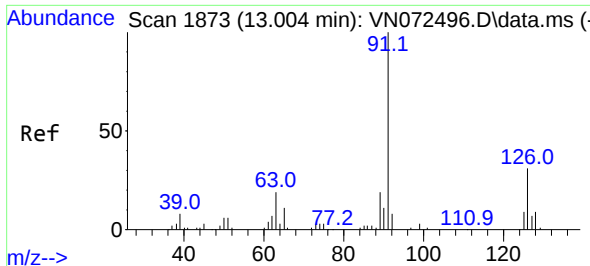


#74
n-propylbenzene
Concen: 22.634 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 91 Resp: 273352
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.0





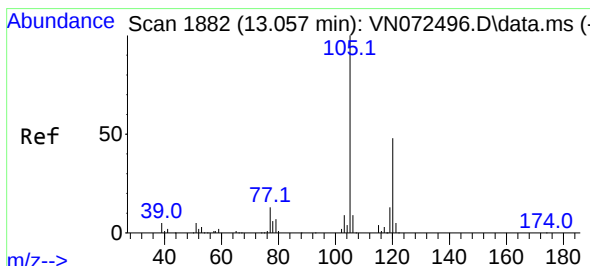
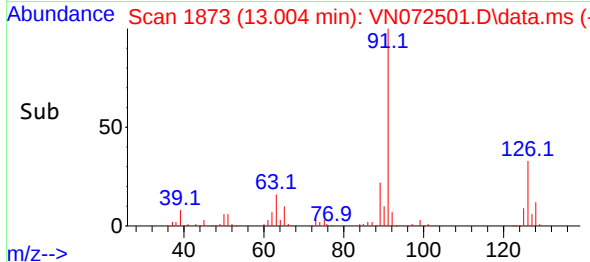
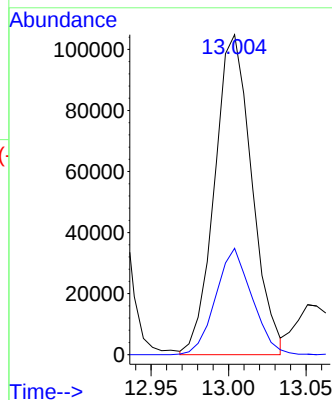
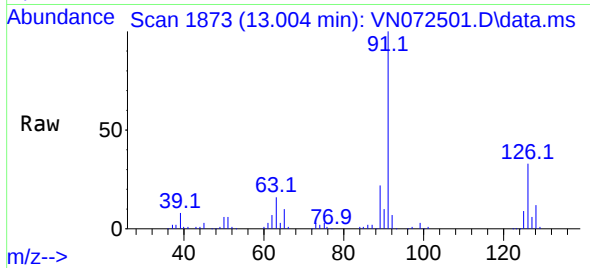
#75
2-Chlorotoluene
Concen: 22.464 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 91 Resp: 17528
Ion Ratio Lower Upper
91 100
126 32.4 0.0 69.8

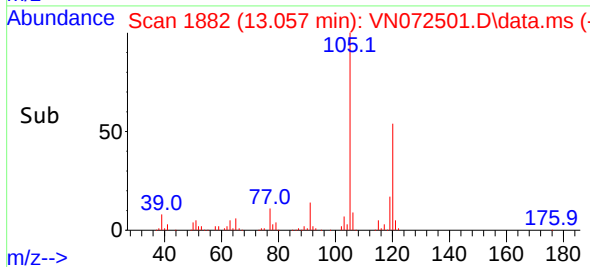
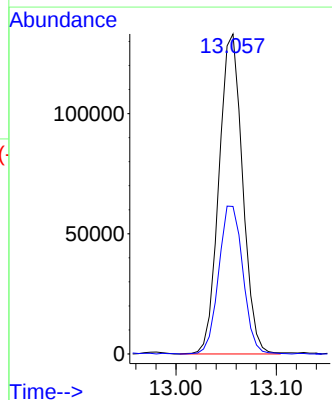
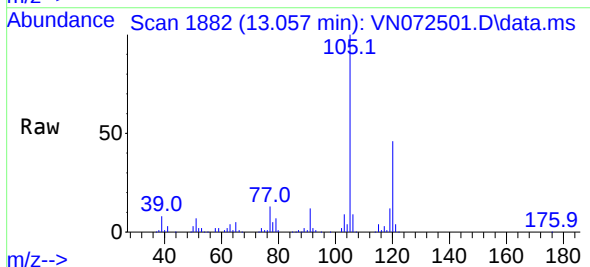
Manual Integrations
APPROVED

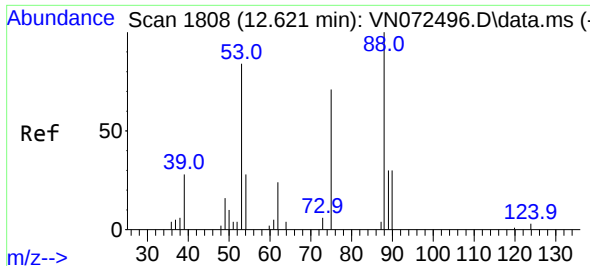
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,3,5-Trimethylbenzene
Concen: 22.992 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:105 Resp: 216945
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





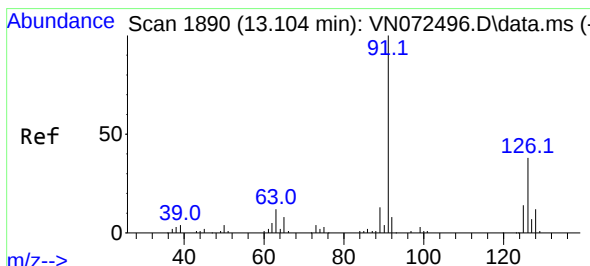
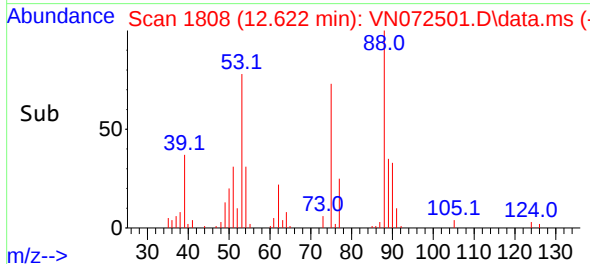
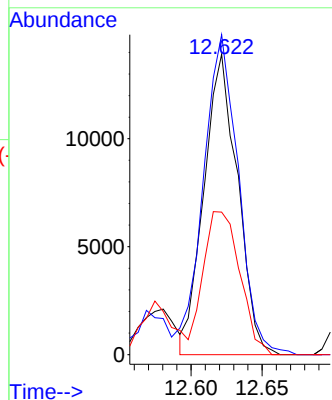
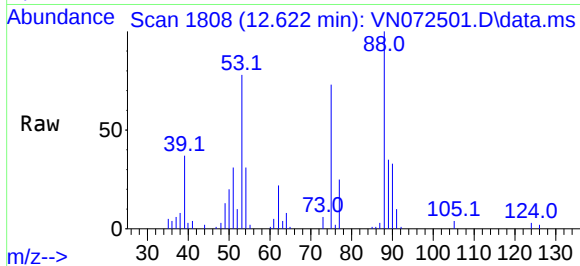
#77
t-1,4-Dichloro-2-butene
Concen: 21.935 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion: 75 Resp: 2290
Ion Ratio Lower Upper
75 100
53 104.8 51.8 155.5
89 47.4 22.9 68.7

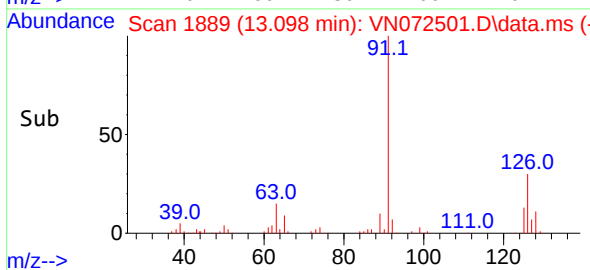
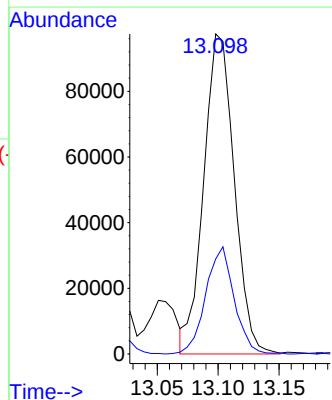
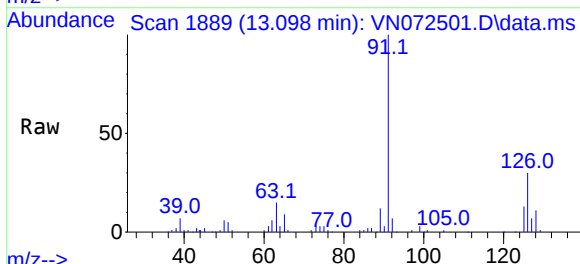
Manual Integrations
APPROVED

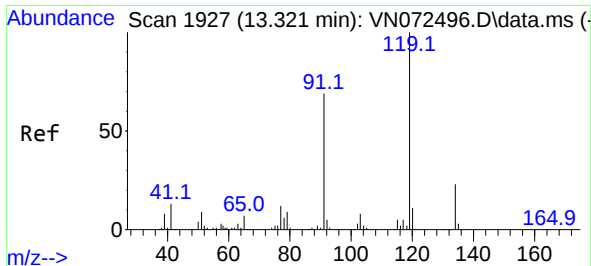
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#78
4-Chlorotoluene
Concen: 23.194 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion: 91 Resp: 169630
Ion Ratio Lower Upper
91 100
126 31.1 0.0 70.6





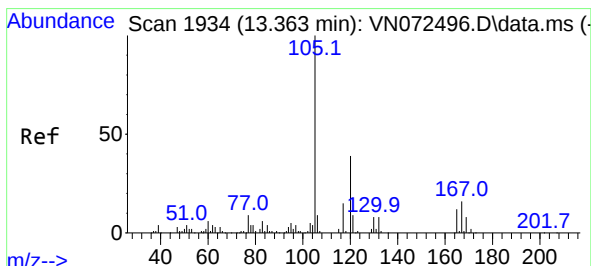
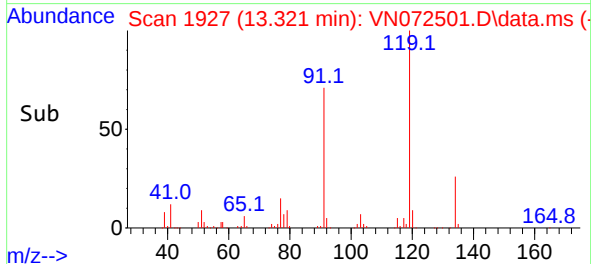
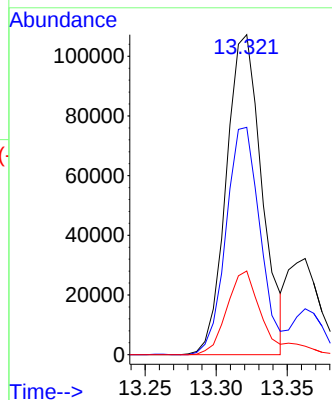
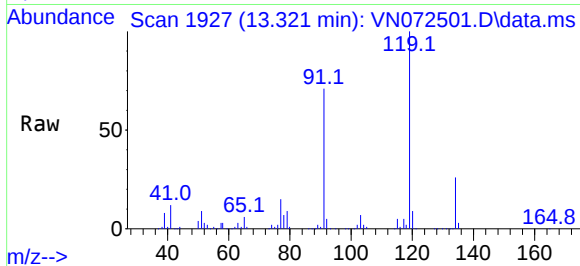
#79
tert-butylbenzene
Concen: 22.587 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Tgt Ion:119 Resp: 18725
Ion Ratio Lower Upper
119 100
91 67.8 0.0 137.0
134 24.1 0.0 47.6

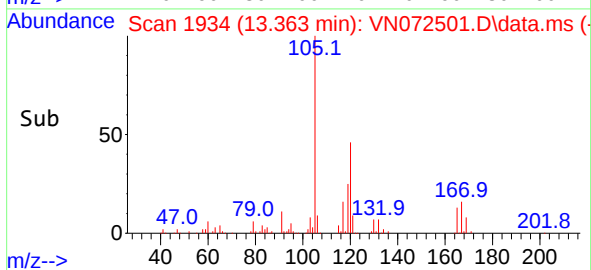
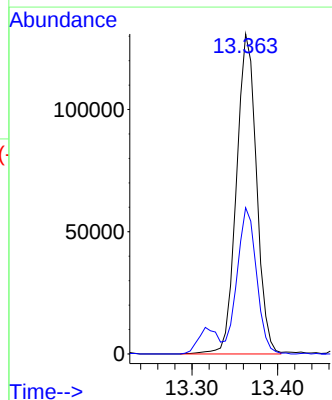
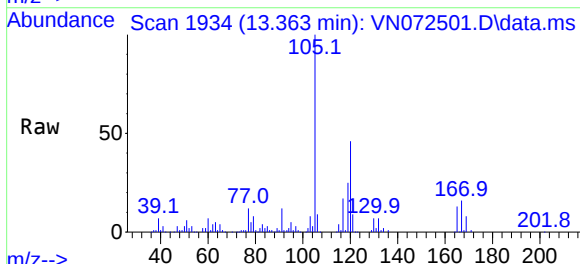
Manual Integrations
APPROVED

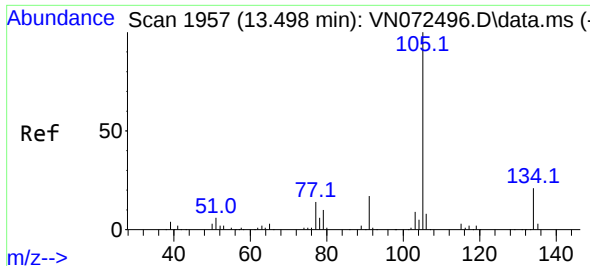
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 23.462 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:105 Resp: 213332
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 22.609 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072501.D
 Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

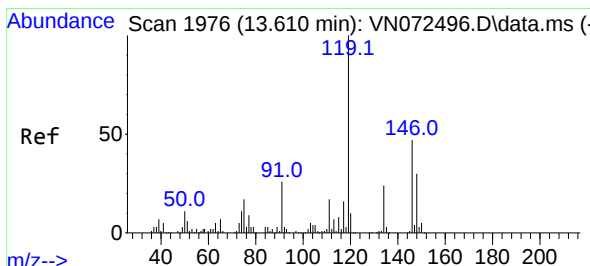
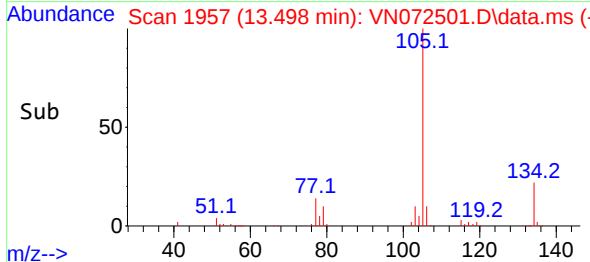
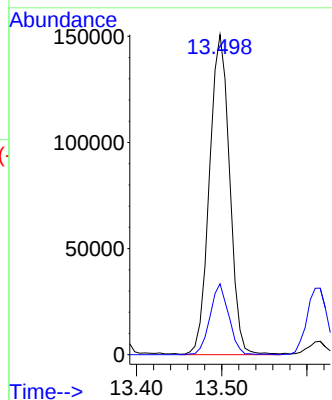
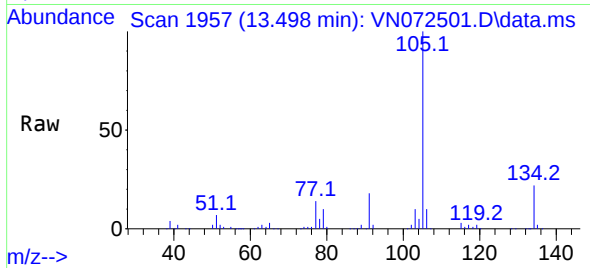
ICVVN051622

Tgt Ion:105 Resp: 248508
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

Manual Integrations

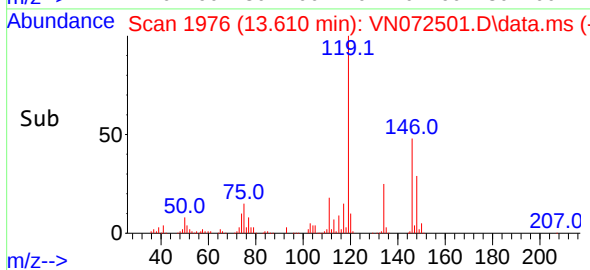
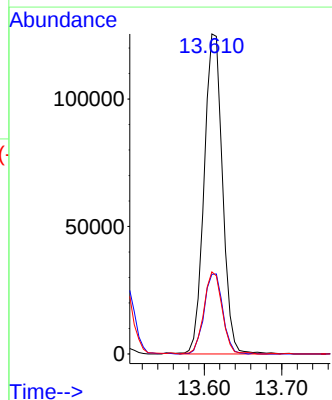
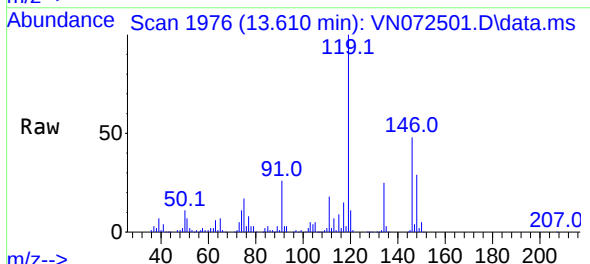
APPROVED

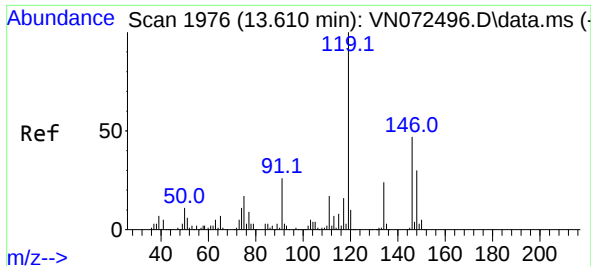
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#82
 p-Isopropyltoluene
 Concen: 22.689 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072501.D
 Acq: 16 May 2022 14:40

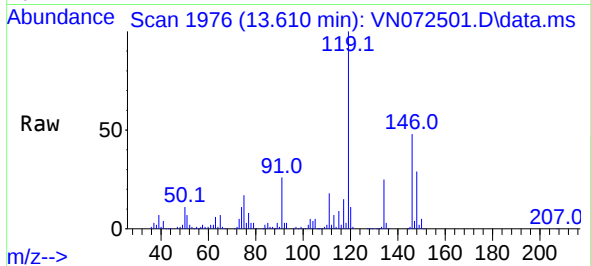
Tgt Ion:119 Resp: 206392
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.8
 91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 22.311 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

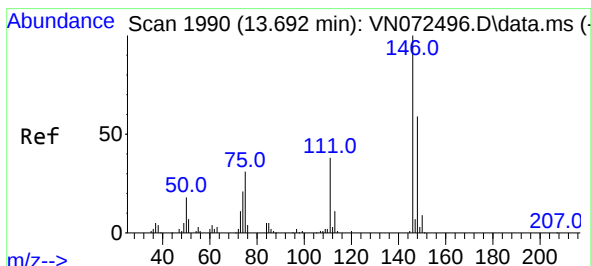
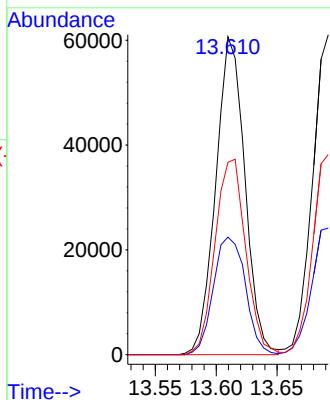
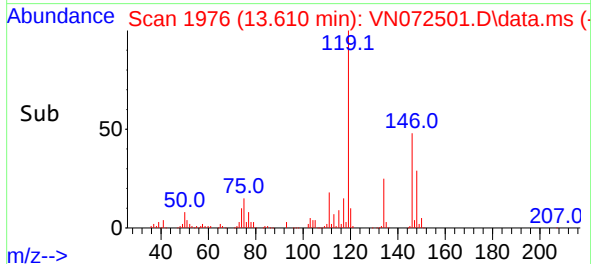
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



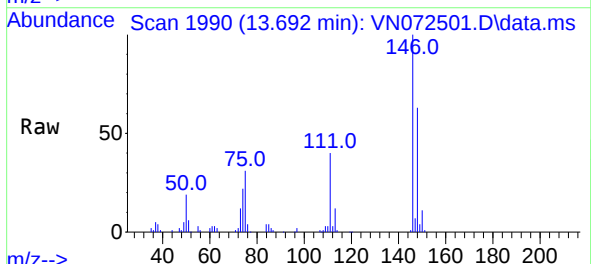
Tgt Ion:146 Resp: 10112
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 64.9 31.4 94.3

Manual Integrations
APPROVED

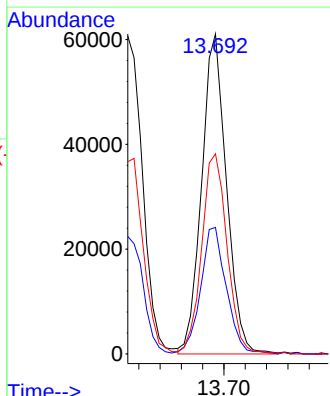
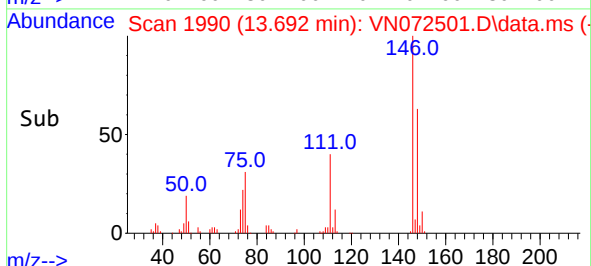
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

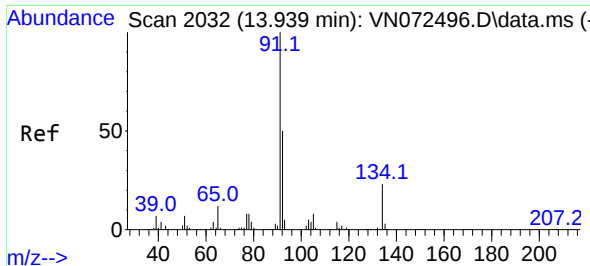


#84
1,4-Dichlorobenzene
Concen: 22.444 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion:146 Resp: 98990
Ion Ratio Lower Upper
146 100
111 41.0 19.5 58.5
148 63.8 31.1 93.5





#85
n-Butylbenzene
Concen: 22.909 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

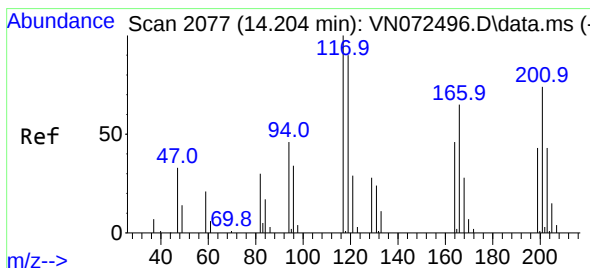
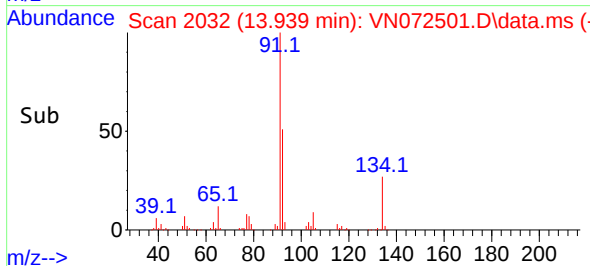
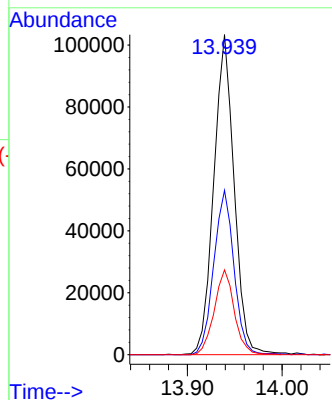
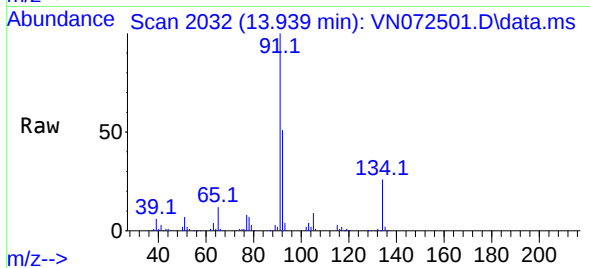
ICVVN051622

Tgt Ion: 91 Resp: 15443
Ion Ratio Lower Upper
91 100
92 51.0 0.0 100.6
134 26.1 0.0 50.2

Manual Integrations

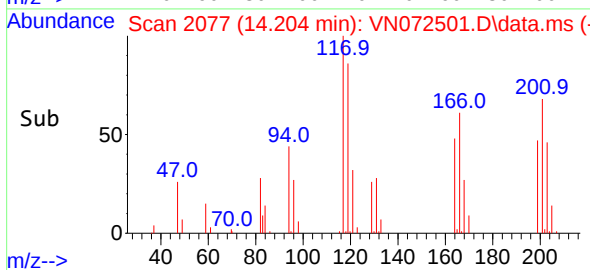
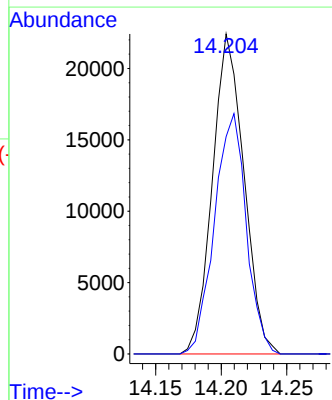
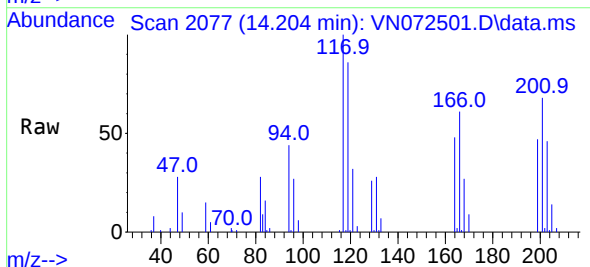
APPROVED

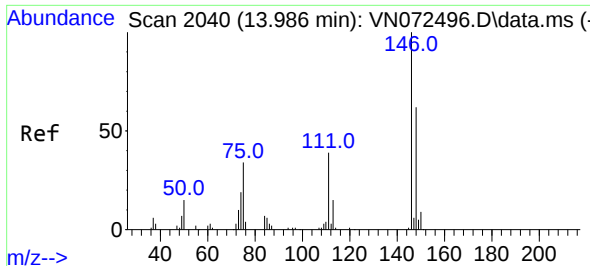
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#86
Hexachloroethane
Concen: 22.346 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Tgt Ion:117 Resp: 37429
Ion Ratio Lower Upper
117 100
201 75.8 33.3 99.8





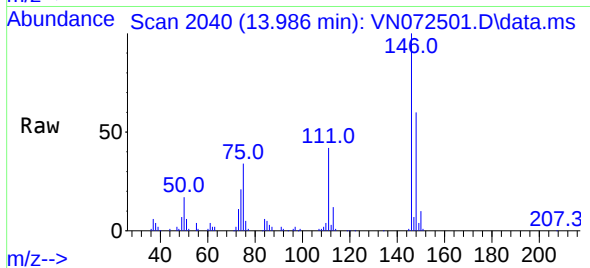
#87
1,2-Dichlorobenzene
Concen: 23.212 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051622

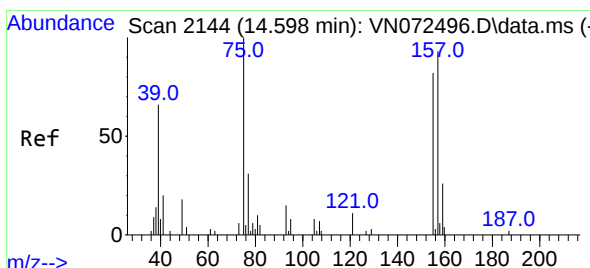
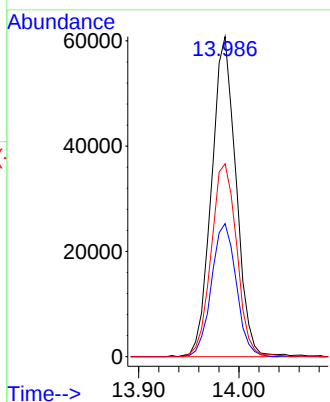
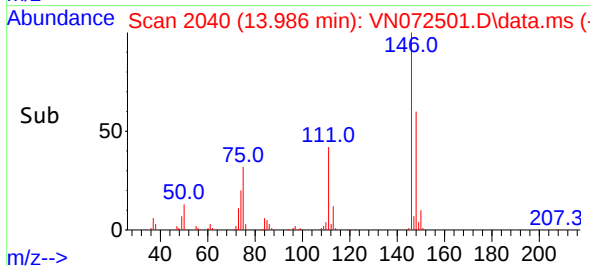


Tgt Ion:146 Resp: 10285
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 62.8 32.5 97.4

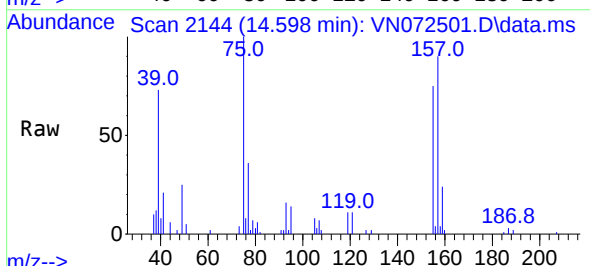
Manual Integrations

APPROVED

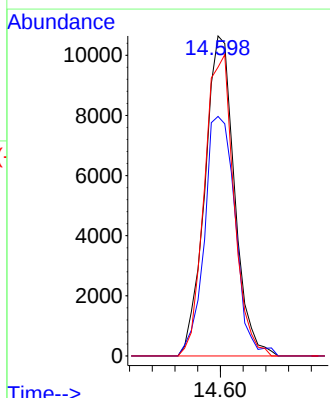
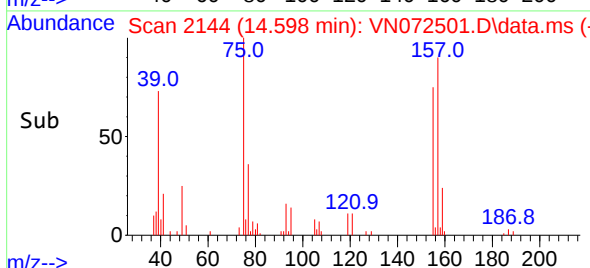
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

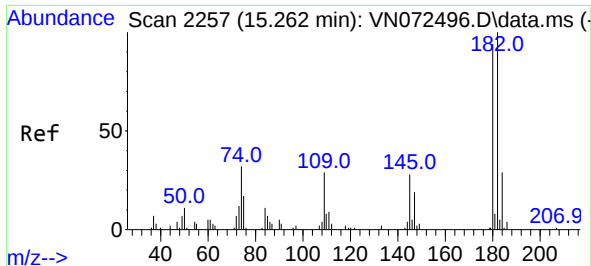


#88
1,2-Dibromo-3-Chloropropane
Concen: 24.332 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion: 75 Resp: 19296
Ion Ratio Lower Upper
75 100
155 76.9 63.8 95.8
157 93.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 24.100 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072501.D

Acq: 16 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051622

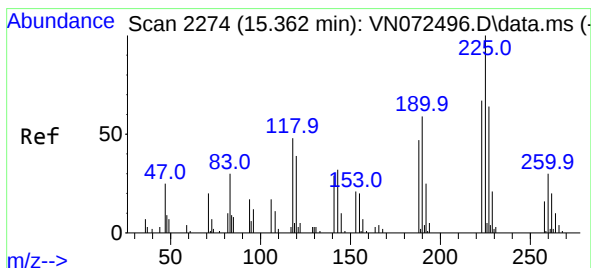
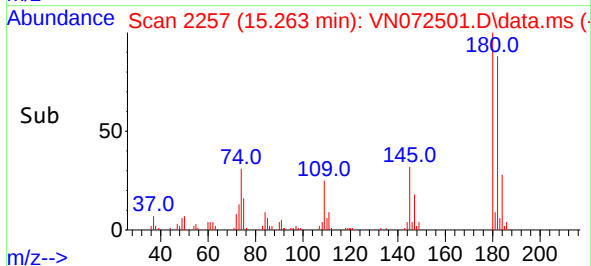
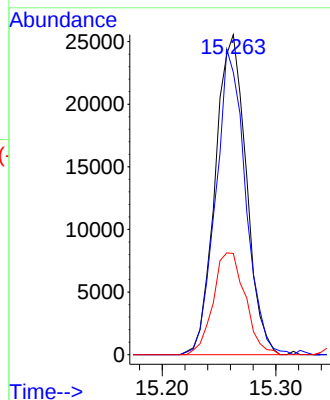
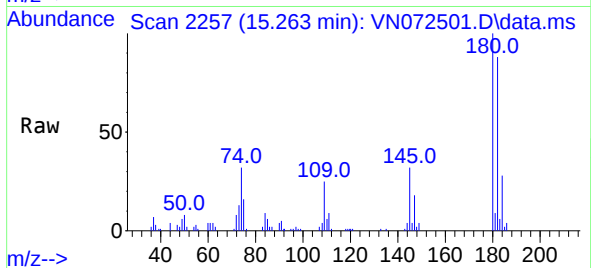
Tgt Ion:180	Resp:	48340
Ion Ratio	Lower	Upper
180	100	
182	91.5	77.7 116.5
145	32.9	26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#90

Hexachlorobutadiene

Concen: 23.922 ug/l

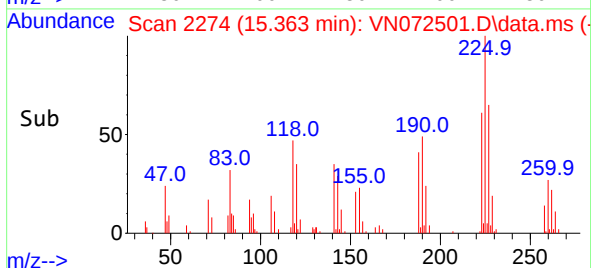
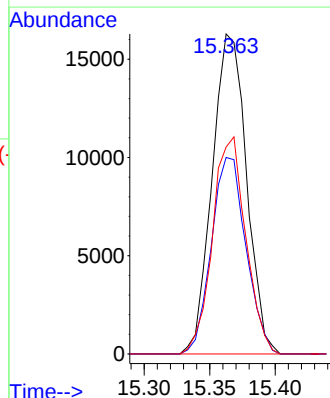
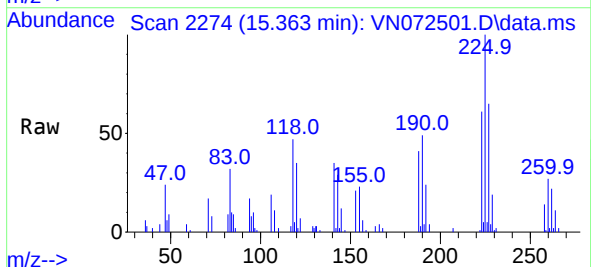
RT: 15.363 min Scan# 2274

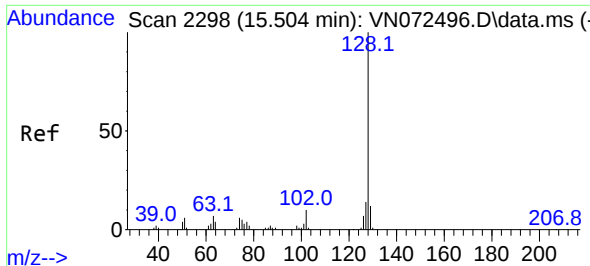
Delta R.T. 0.001 min

Lab File: VN072501.D

Acq: 16 May 2022 14:40

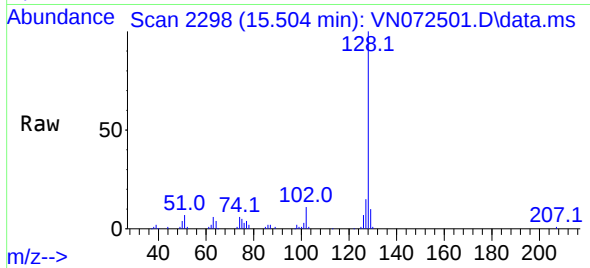
Tgt Ion:225	Resp:	29655
Ion Ratio	Lower	Upper
225	100	
223	62.0	0.0 126.8
227	65.7	0.0 123.0





#91
Naphthalene
Concen: 24.834 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40

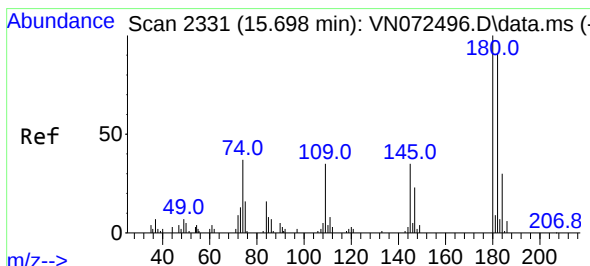
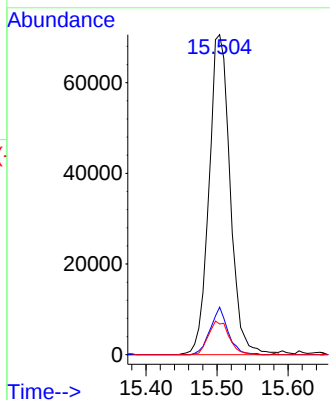
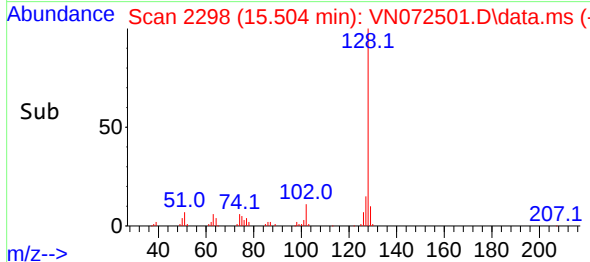
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622



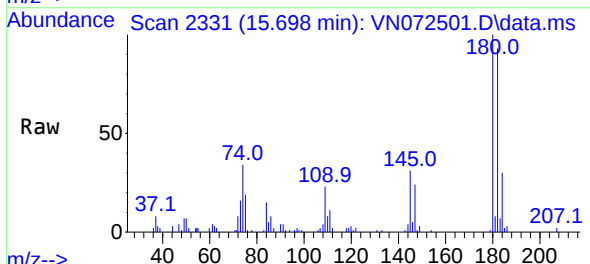
Tgt Ion:128 Resp: 14566
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.3 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#92
1,2,3-Trichlorobenzene
Concen: 23.280 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072501.D
Acq: 16 May 2022 14:40



Tgt Ion:180 Resp: 47533
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.0
145 34.6 0.0 67.8

