

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071917.D
 Acq On : 08 Apr 2022 16:09
 Operator : JC\MD
 Sample : VN0408WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS02

Quant Time: Apr 09 05:05:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	521598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	784581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	716957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	280517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	280002	47.022	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.040%		
35) Dibromofluoromethane	8.016	113	245549	53.186	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.380%		
50) Toluene-d8	10.439	98	992553	52.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.100%		
62) 4-Bromofluorobenzene	12.727	95	314438	51.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	67121	16.186	ug/l	97
3) Chloromethane	2.299	50	80441	15.309	ug/l	99
4) Vinyl Chloride	2.446	62	84874	14.708	ug/l #	69
5) Bromomethane	2.846	94	46403	12.370	ug/l	98
6) Chloroethane	3.016	64	74488m	17.943	ug/l	
7) Trichlorofluoromethane	3.375	101	125679	17.119	ug/l	100
8) Diethyl Ether	3.822	74	57476	18.524	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	83581	18.474	ug/l	98
10) Methyl Iodide	4.422	142	70977	11.223	ug/l	97
11) Tert butyl alcohol	5.363	59	80986	83.807	ug/l	99
12) 1,1-Dichloroethene	4.187	96	73625	17.101	ug/l	92
13) Acrolein	4.040	56	95370	80.941	ug/l	98
14) Allyl chloride	4.840	41	117580	16.826	ug/l	94
15) Acrylonitrile	5.551	53	276558	98.460	ug/l	98
16) Acetone	4.281	43	207760	81.641	ug/l	93
17) Carbon Disulfide	4.534	76	144958	14.675	ug/l	99
18) Methyl Acetate	4.857	43	115578	17.352	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	301609	18.857	ug/l	99
20) Methylene Chloride	5.099	84	96050	17.907	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	78644	16.640	ug/l	97
22) Diisopropyl ether	6.487	45	287193	18.879	ug/l	100
23) Vinyl Acetate	6.428	43	1146120	94.742	ug/l	100
24) 1,1-Dichloroethane	6.387	63	165994	18.587	ug/l	98
25) 2-Butanone	7.334	43	332803	90.715	ug/l	99
26) 2,2-Dichloropropane	7.322	77	133623	17.417	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	107308	18.515	ug/l	95
28) Bromochloromethane	7.651	49	70774	19.646	ug/l	97
29) Tetrahydrofuran	7.681	42	222849	93.812	ug/l	98
30) Chloroform	7.816	83	174547	18.510	ug/l	99
31) Cyclohexane	8.092	56	131873	16.285	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	143751	17.819	ug/l	98
36) 1,1-Dichloropropene	8.222	75	116774	18.112	ug/l	99
37) Ethyl Acetate	7.410	43	136852	19.393	ug/l	99
38) Carbon Tetrachloride	8.204	117	119977	18.988	ug/l	98
39) Methylcyclohexane	9.457	83	135492	17.655	ug/l	96
40) Benzene	8.457	78	384263	18.867	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	69004	19.971	ug/l	95
42) 1,2-Dichloroethane	8.522	62	131218	18.625	ug/l	97
43) Isopropyl Acetate	8.557	43	205968	17.548	ug/l	96
44) Trichloroethene	9.216	130	103368	19.700	ug/l	96
45) 1,2-Dichloropropane	9.486	63	101875	20.023	ug/l	98
46) Dibromomethane	9.575	93	67755	19.614	ug/l	98
47) Bromodichloromethane	9.757	83	136487	20.071	ug/l	99
48) Methyl methacrylate	9.557	41	93967	19.297	ug/l	93
49) 1,4-Dioxane	9.563	88	43040	363.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	696408	103.197	ug/l	98
52) Toluene	10.498	92	256989	19.962	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	138965	19.499	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	156320	19.851	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	108635	20.503	ug/l	97
56) Ethyl methacrylate	10.757	69	152646	20.195	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	180522	20.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	191270	93.583	ug/l	100
59) 2-Hexanone	11.080	43	479315	100.883	ug/l	97
60) Dibromochloromethane	11.233	129	109325	21.161	ug/l	99
61) 1,2-Dibromoethane	11.339	107	105829	20.291	ug/l	99
64) Tetrachloroethene	10.975	164	93153	19.676	ug/l	98
65) Chlorobenzene	11.769	112	277735	19.346	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	102811	19.846	ug/l	99
67) Ethyl Benzene	11.839	91	466718	19.204	ug/l	97
68) m/p-Xylenes	11.951	106	360212	38.576	ug/l	99
69) o-Xylene	12.275	106	178261	19.233	ug/l	99
70) Styrene	12.292	104	284080	20.230	ug/l	98
71) Bromoform	12.451	173	82121	20.817	ug/l #	100
73) Isopropylbenzene	12.575	105	465535	19.694	ug/l	99
74) N-amyl acetate	12.386	43	129439	19.111	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	161034	20.417	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	117306m	18.052	ug/l	
77) Bromobenzene	12.857	156	112285	18.949	ug/l	98
78) n-propylbenzene	12.916	91	490363	19.721	ug/l	99
79) 2-Chlorotoluene	13.004	91	313298	19.647	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	387156	20.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	33117	15.793	ug/l	97
82) 4-Chlorotoluene	13.098	91	288718	19.533	ug/l	99
83) tert-Butylbenzene	13.322	119	342295	19.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	380031	20.796	ug/l	99
85) sec-Butylbenzene	13.498	105	454126	20.462	ug/l	100
86) p-Isopropyltoluene	13.610	119	369785	20.897	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	186004	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	180121	19.557	ug/l	99
89) n-Butylbenzene	13.939	91	256391	19.535	ug/l	99
90) Hexachloroethane	14.204	117	58484	18.055	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	184419	19.898	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24743	20.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	82340	19.760	ug/l	100
94) Hexachlorobutadiene	15.368	225	53383	19.529	ug/l	98
95) Naphthalene	15.504	128	205572	18.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	81751	20.405	ug/l	100

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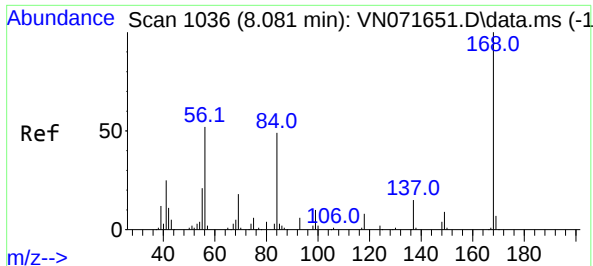
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

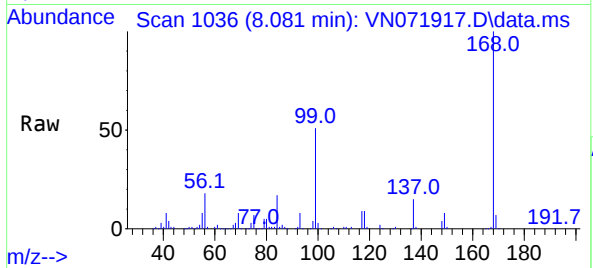
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071917.D
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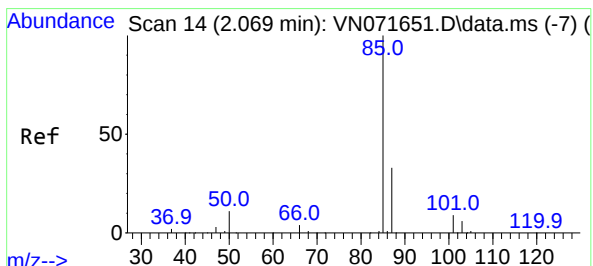
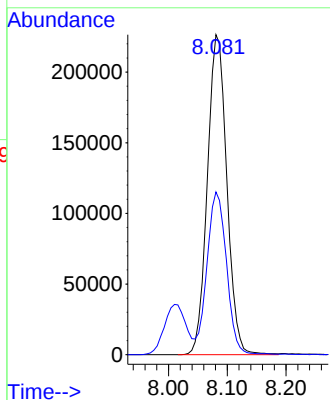
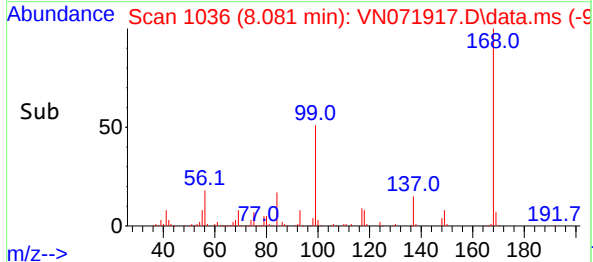
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



Tgt Ion:168 Resp: 521598
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5

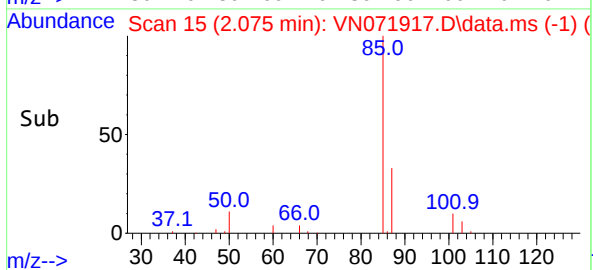
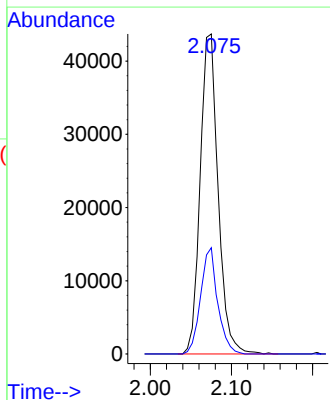
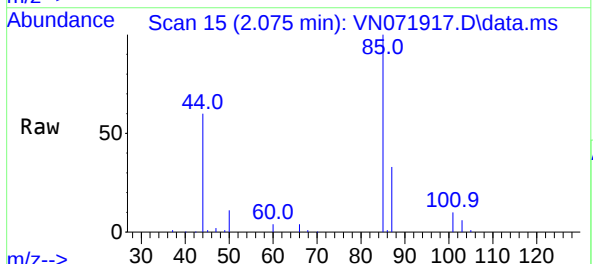
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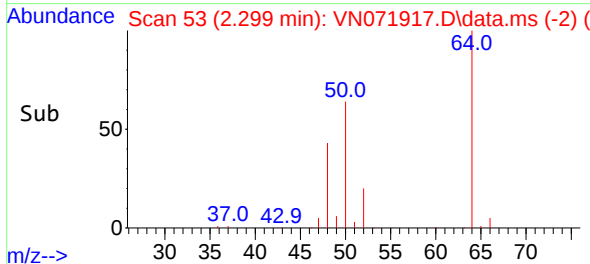
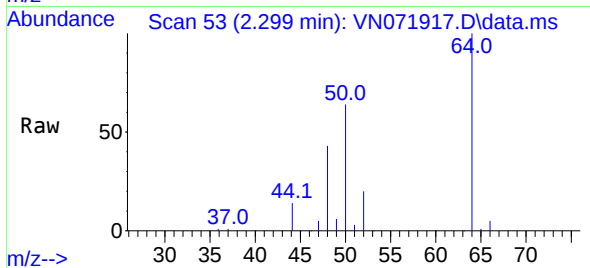
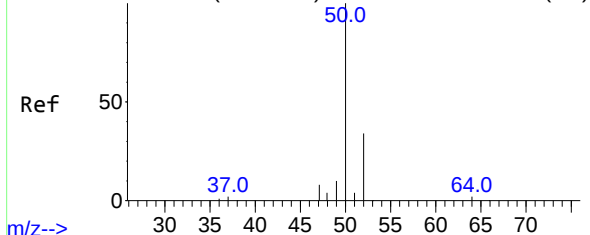


Dichlorodifluoromethane
Concen: 16.186 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Tgt Ion: 85 Resp: 67121
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1



Abundance Scan 53 (2.299 min): VN071651.D\data.ms (-46)



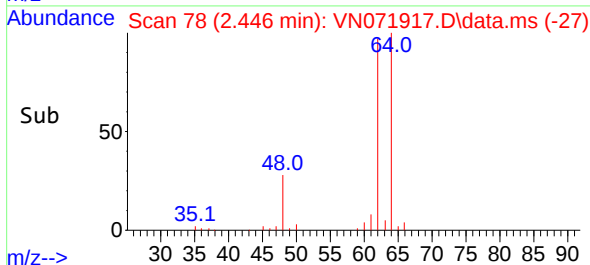
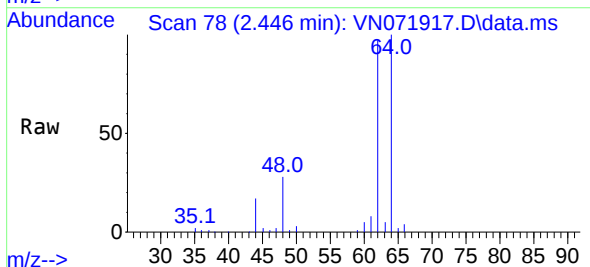
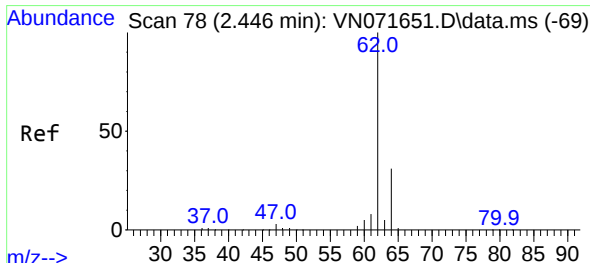
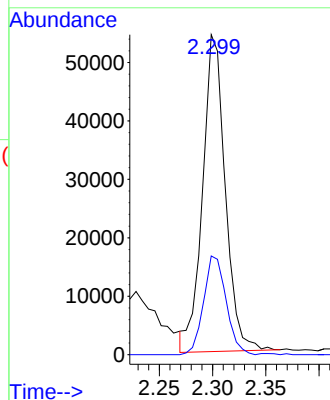
#3
Chloromethane
Concen: 15.309 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Tgt Ion: 50 Resp: 8044
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5

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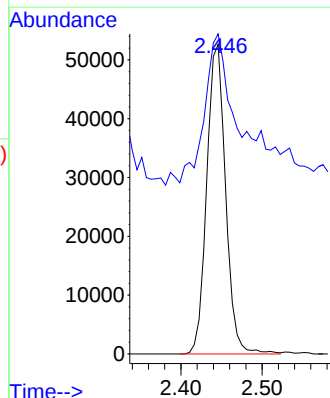
Manual Integrations
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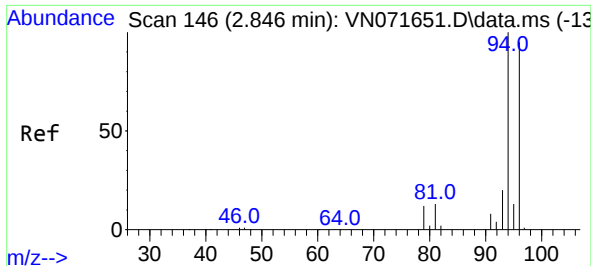
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#4
Vinyl Chloride
Concen: 14.708 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

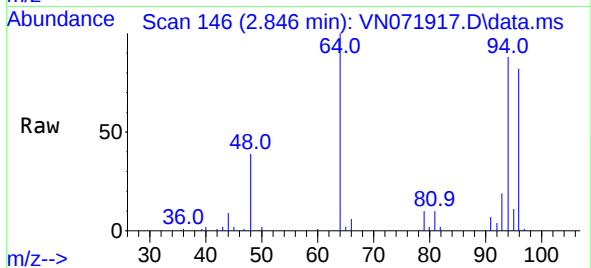
Tgt Ion: 62 Resp: 84874
Ion Ratio Lower Upper
62 100
64 48.0 25.0 37.4#





#5
Bromomethane
Concen: 12.370 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

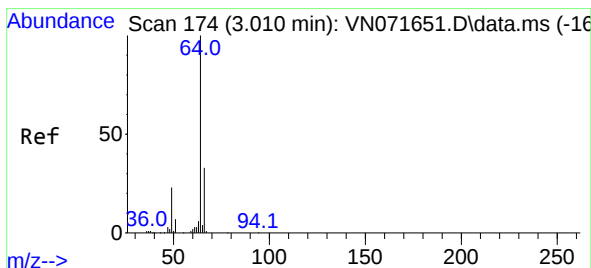
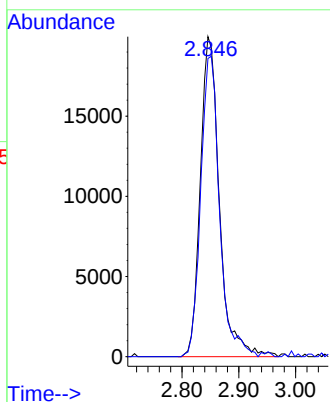
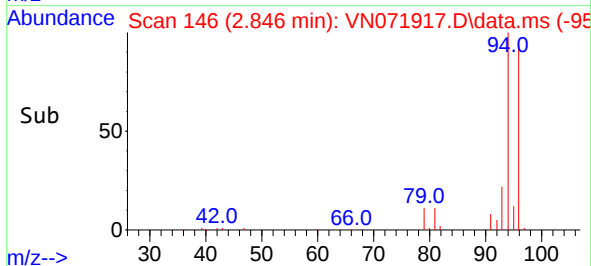
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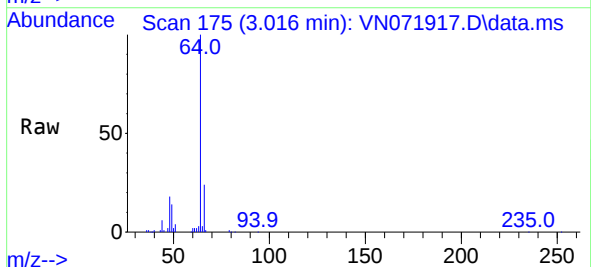
Tgt Ion: 94 Resp: 4640
Ion Ratio Lower Upper
94 100
96 93.2 76.0 114.0

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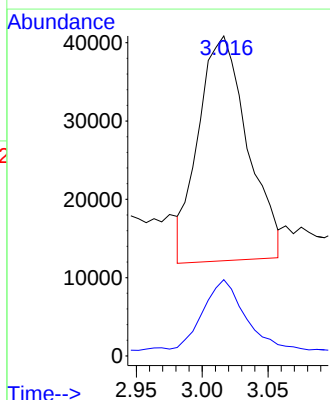
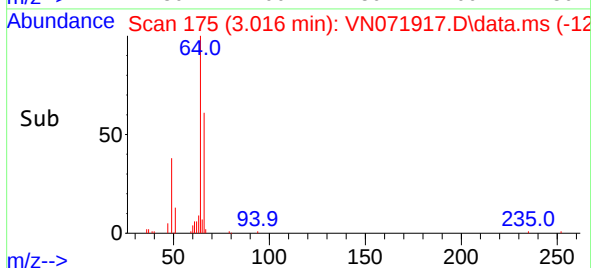
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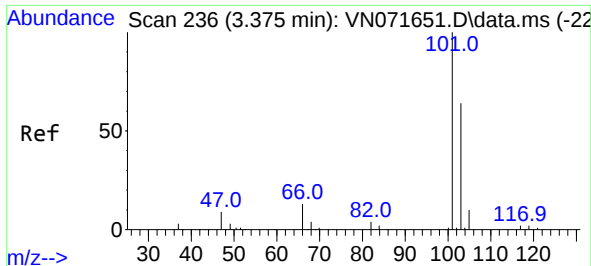


#6
Chloroethane
Concen: 17.943 ug/l m
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071917.D
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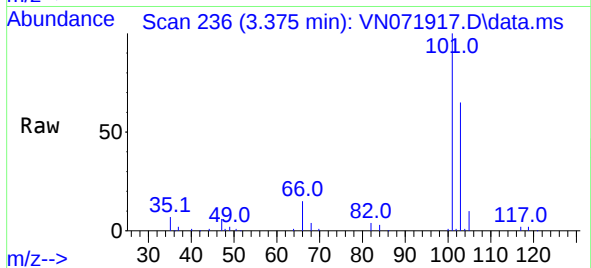
Tgt Ion: 64 Resp: 74488
Ion Ratio Lower Upper
64 100
66 23.8 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 17.119 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071917.D
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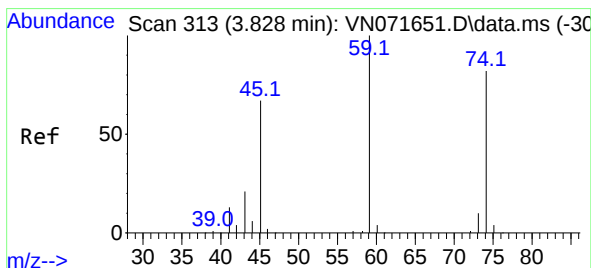
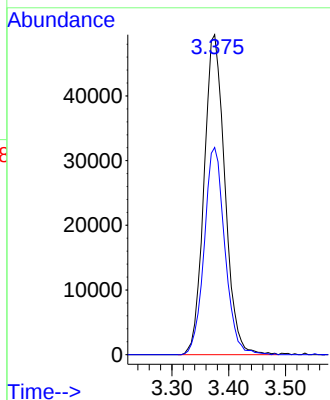
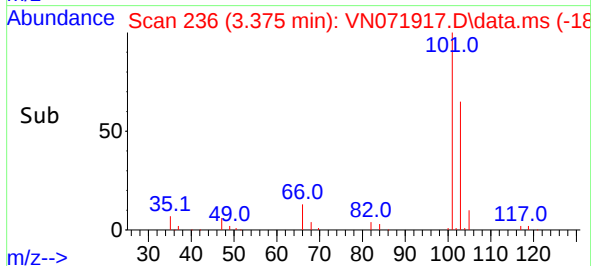
Instrument :
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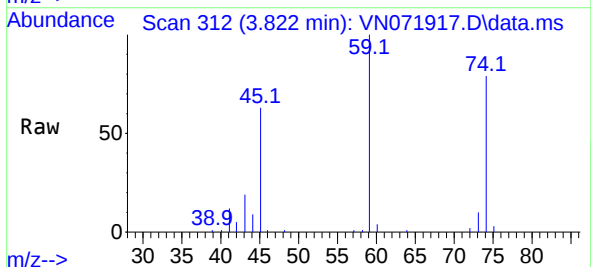
Tgt Ion:101 Resp: 125679
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

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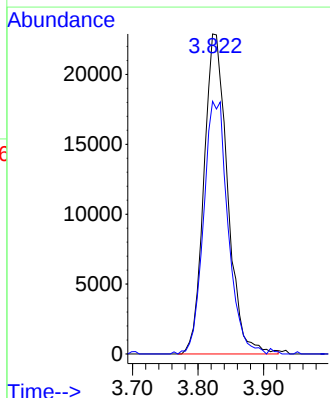
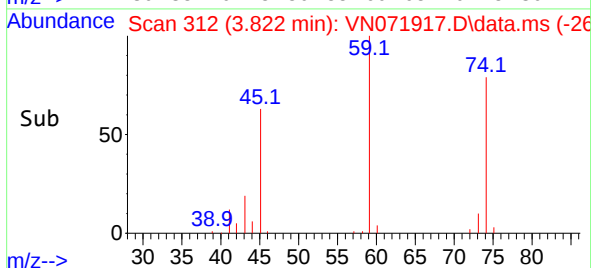
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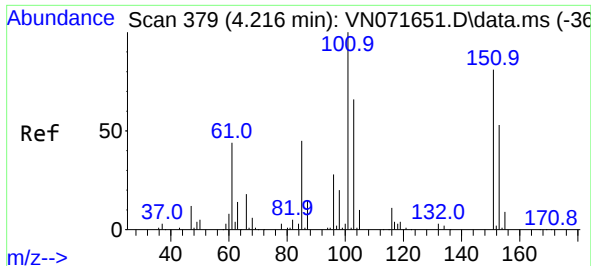


#8
Diethyl Ether
Concen: 18.524 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 74 Resp: 57476
Ion Ratio Lower Upper
74 100
45 81.6 42.9 128.5





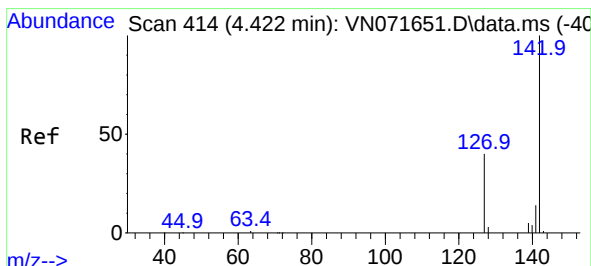
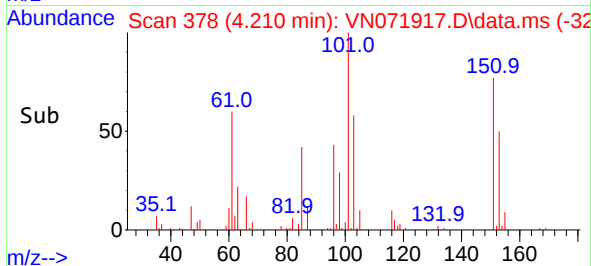
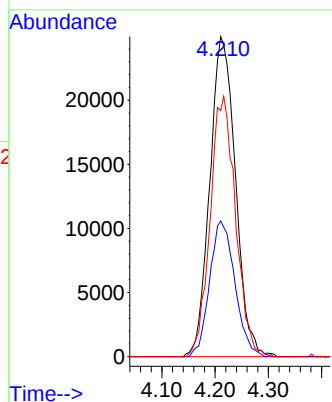
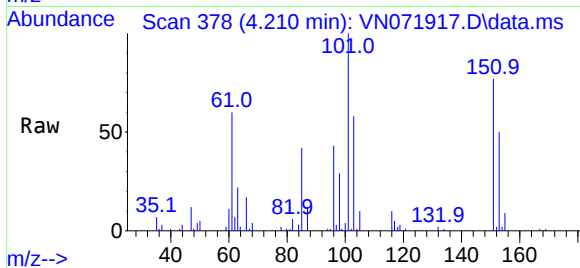
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.474 ug/l
RT: 4.210 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:101 Resp: 8358
Ion Ratio Lower Upper
101 100
85 41.7 34.7 52.1
151 80.4 63.0 94.4

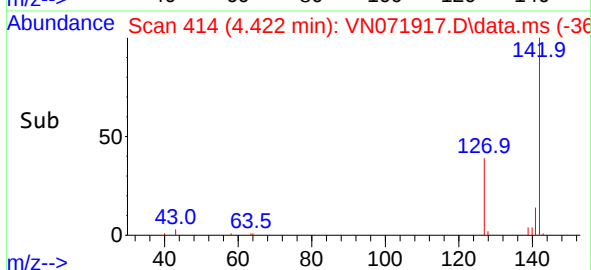
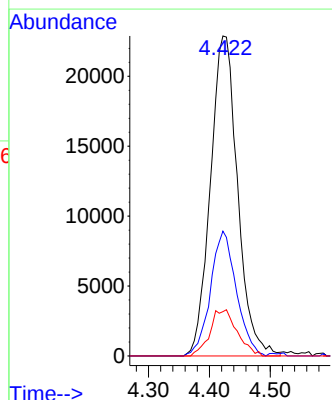
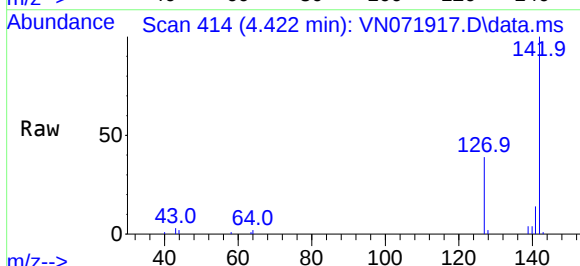
Manual Integrations
APPROVED

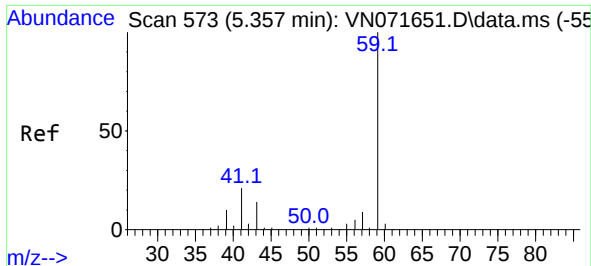
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#10
Methyl Iodide
Concen: 11.223 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Tgt Ion:142 Resp: 70977
Ion Ratio Lower Upper
142 100
127 37.1 31.3 46.9
141 14.5 11.2 16.8





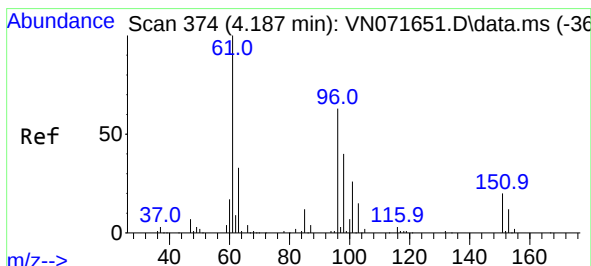
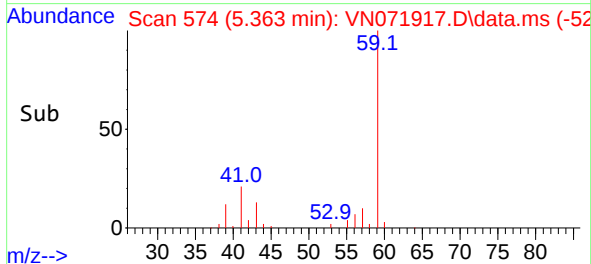
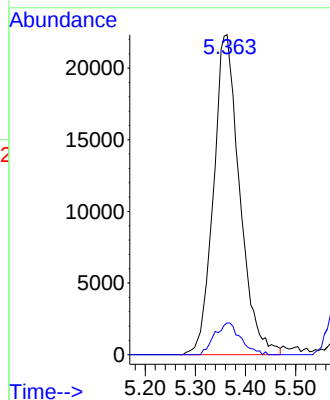
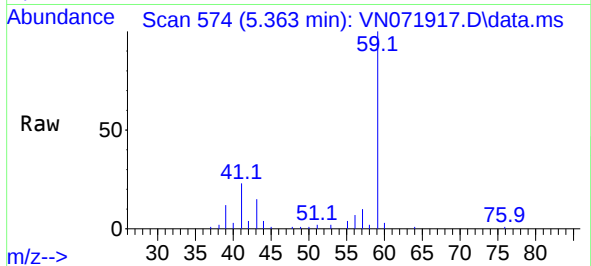
#11
Tert butyl alcohol
Concen: 83.807 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 59 Resp: 80980
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

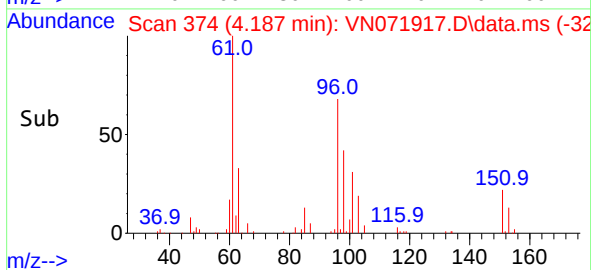
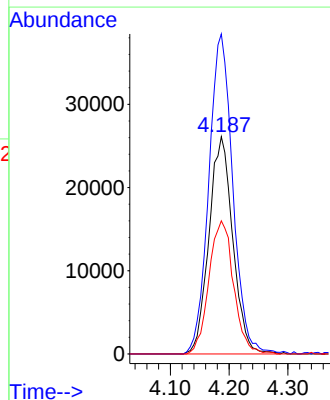
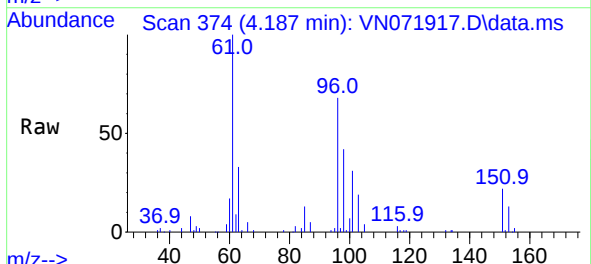
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#12
1,1-Dichloroethene
Concen: 17.101 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

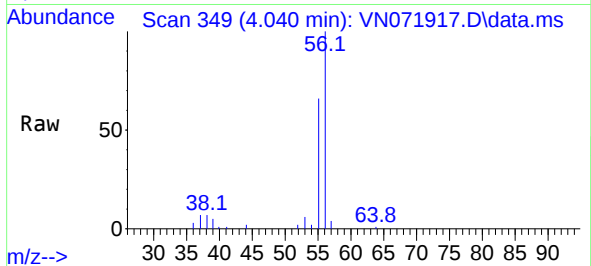
Tgt Ion: 96 Resp: 73625
Ion Ratio Lower Upper
96 100
61 147.3 127.6 191.4
98 61.2 51.2 76.8





#13
Acrolein
Concen: 80.941 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

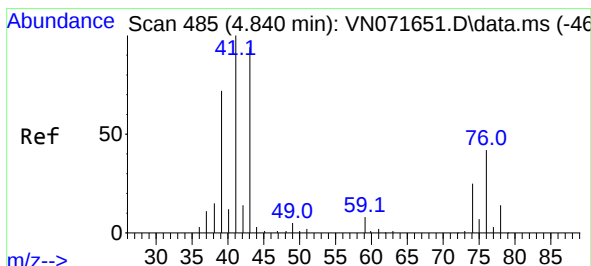
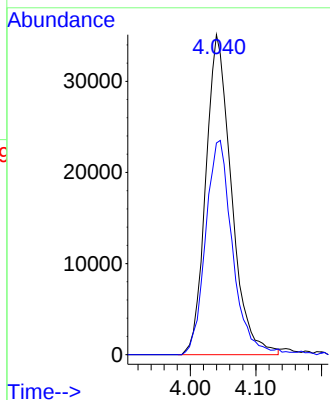
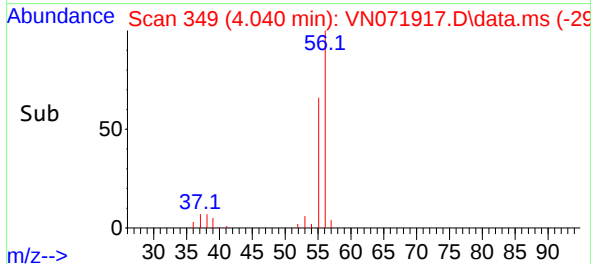
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



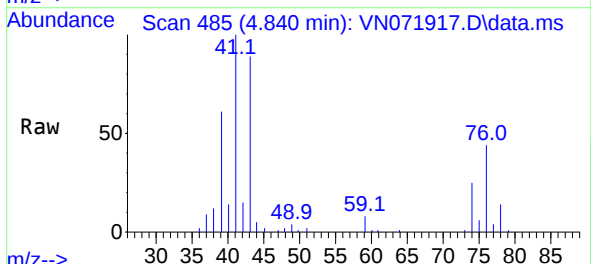
Tgt Ion: 56 Resp: 95370
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
APPROVED

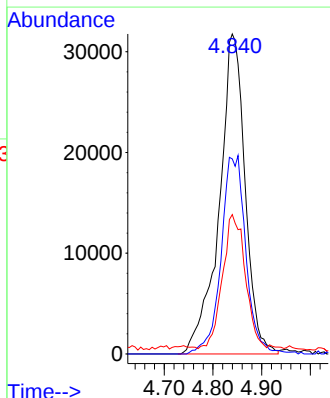
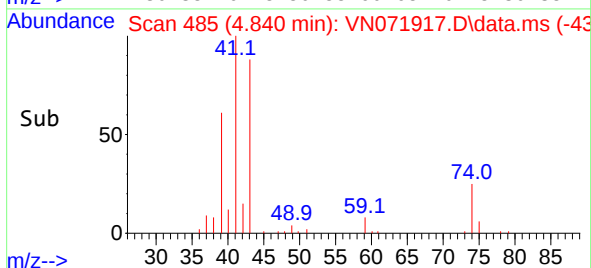
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#14
Allyl chloride
Concen: 16.826 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



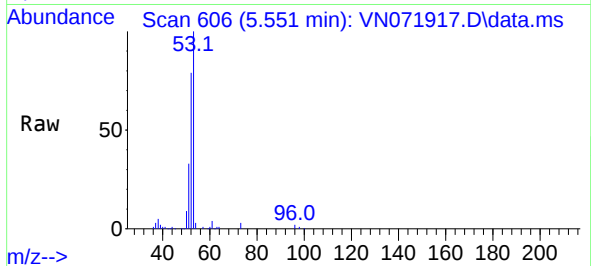
Tgt Ion: 41 Resp: 117580
Ion Ratio Lower Upper
41 100
39 59.2 53.2 79.8
76 36.7 29.9 44.9





#15
Acrylonitrile
Concen: 98.460 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

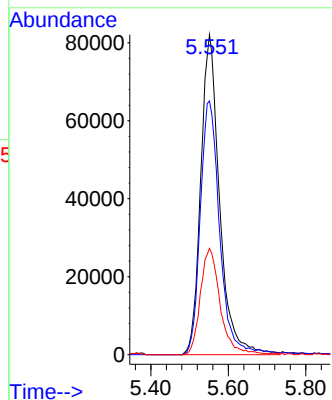
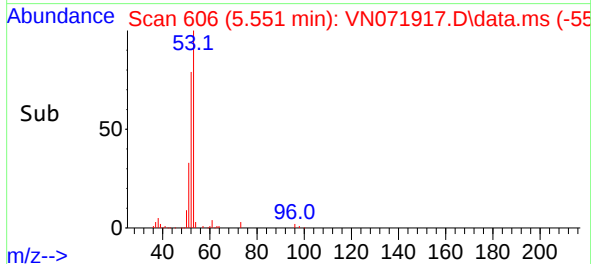
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



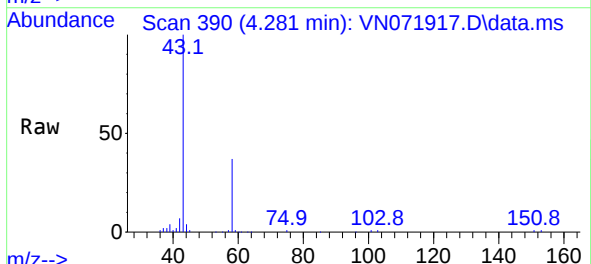
Tgt Ion: 53 Resp: 276558
Ion Ratio Lower Upper
53 100
52 80.6 66.4 99.6
51 34.9 28.5 42.7

Manual Integrations
APPROVED

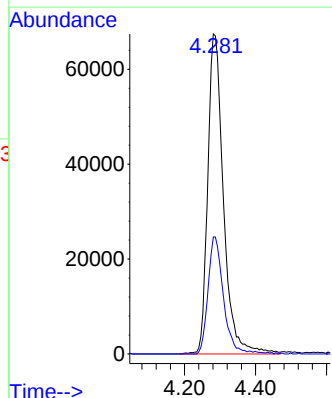
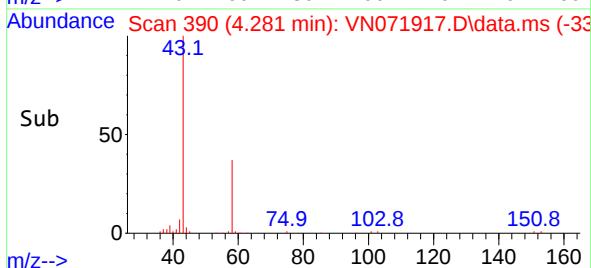
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

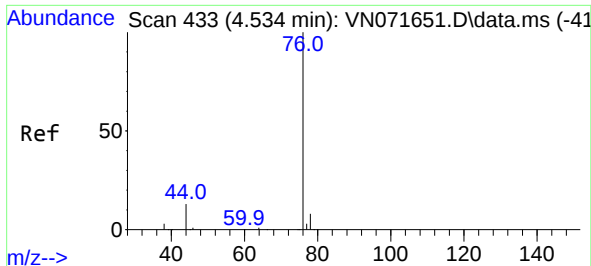


#16
Acetone
Concen: 81.641 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 43 Resp: 207760
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0





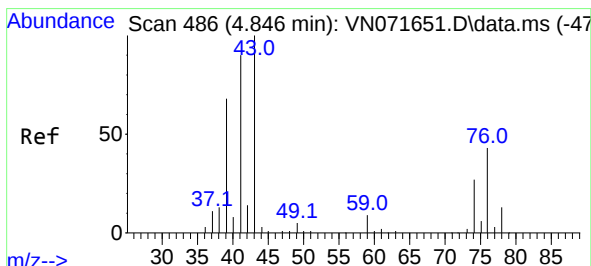
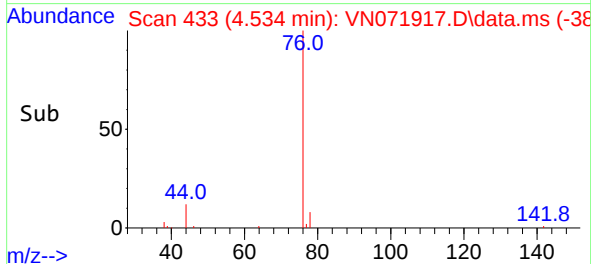
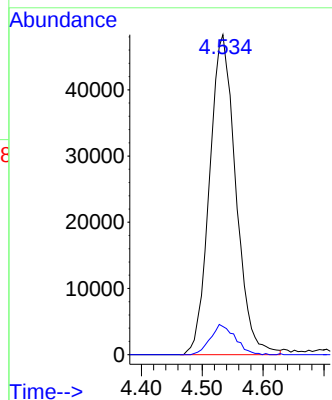
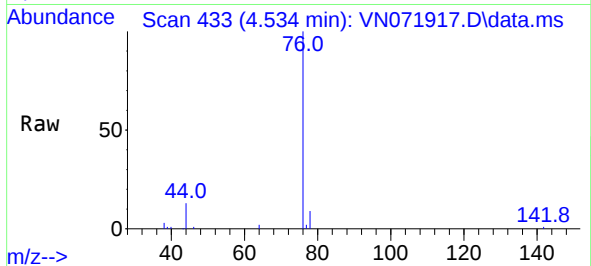
#17
Carbon Disulfide
Concen: 14.675 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 76 Resp: 144958
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

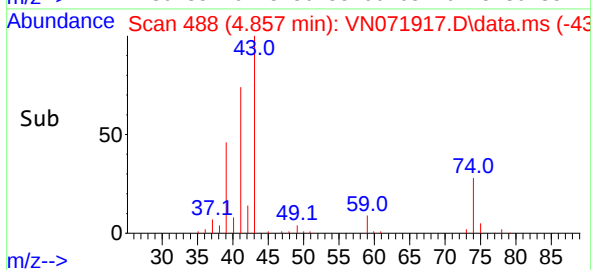
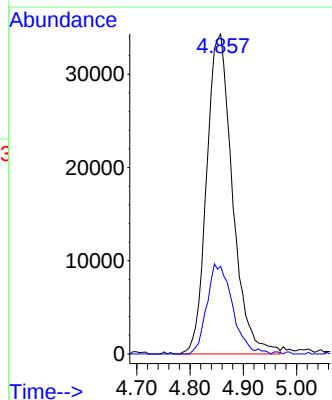
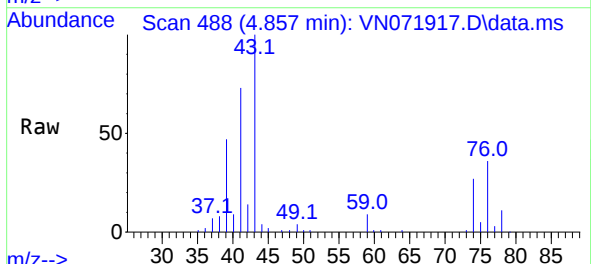
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#18
Methyl Acetate
Concen: 17.352 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

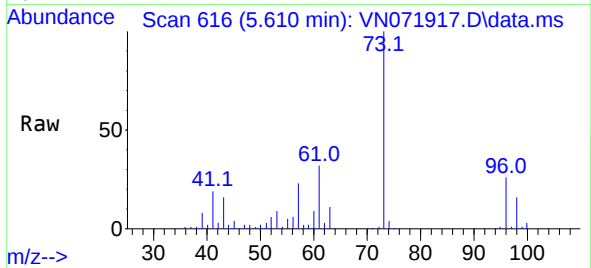
Tgt Ion: 43 Resp: 115578
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.857 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

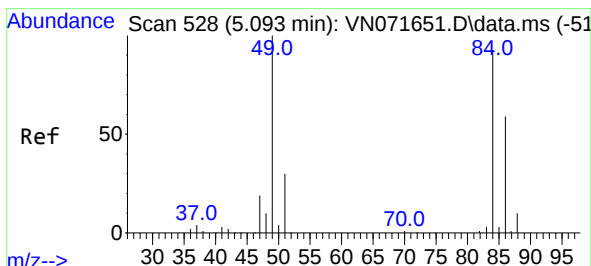
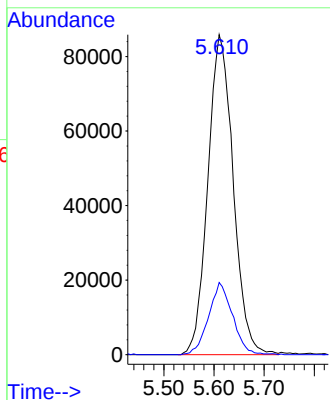
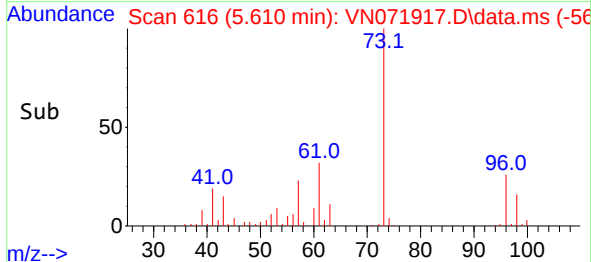
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



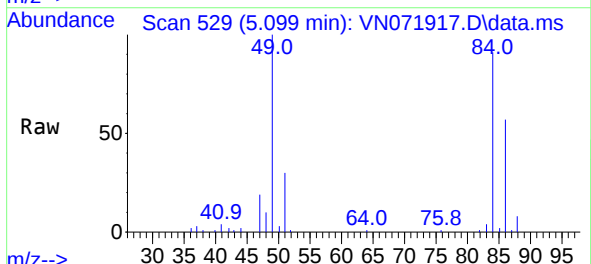
Tgt Ion: 73 Resp: 301609
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

Manual Integrations
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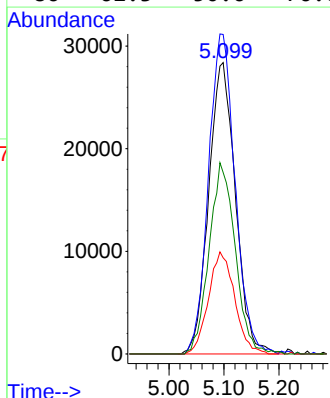
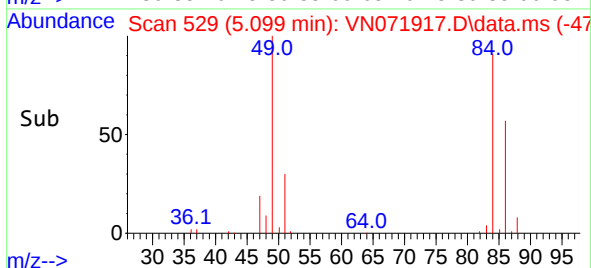
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#20
Methylene Chloride
Concen: 17.907 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



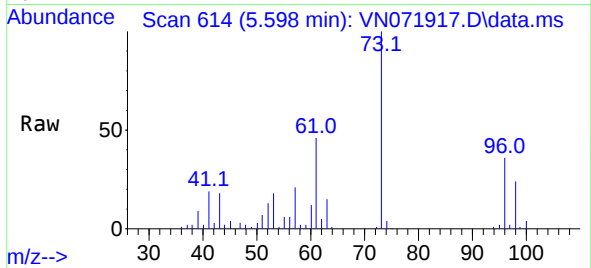
Tgt Ion: 84 Resp: 96050
Ion Ratio Lower Upper
84 100
49 109.7 88.3 132.5
51 33.0 28.2 42.2
86 62.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 16.640 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

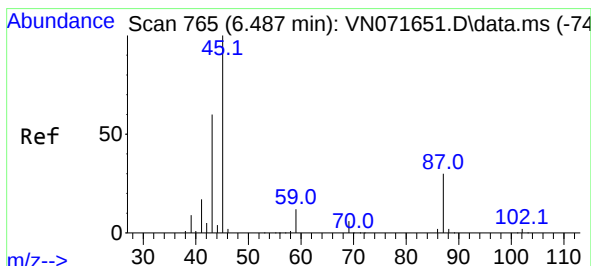
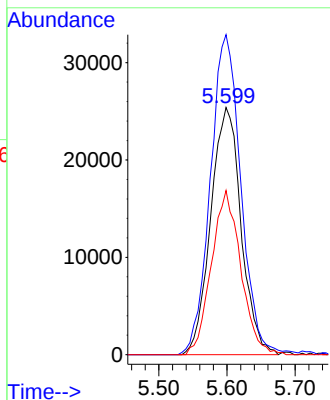
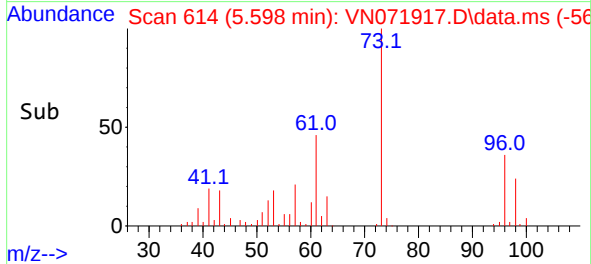
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



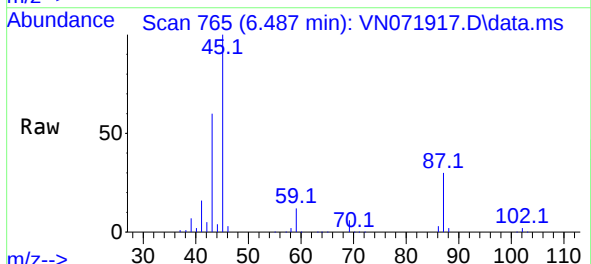
Tgt Ion: 96 Resp: 78644
Ion Ratio Lower Upper
96 100
61 129.5 105.8 158.8
98 66.4 50.3 75.5

Manual Integrations
APPROVED

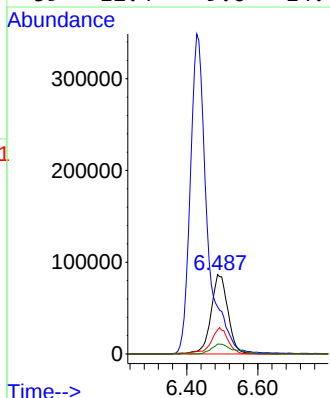
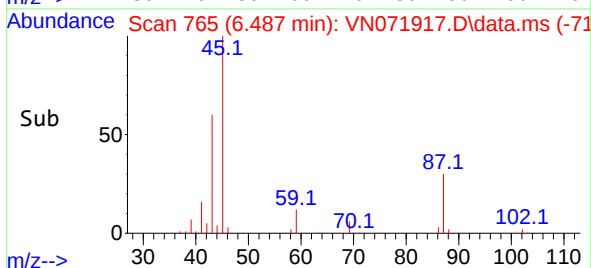
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

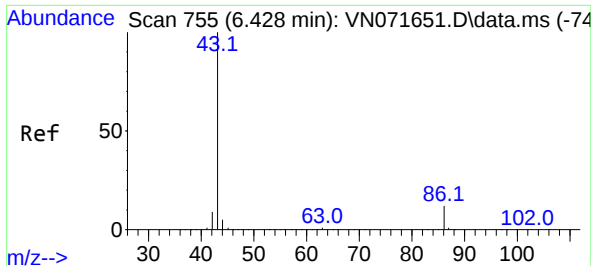


#22
Diisopropyl ether
Concen: 18.879 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



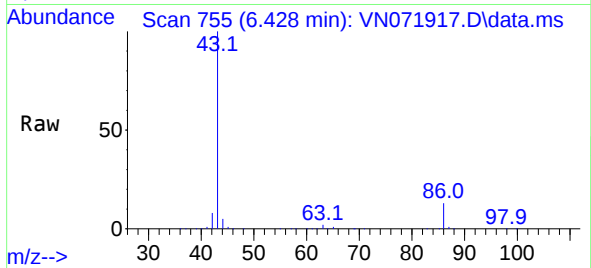
Tgt Ion: 45 Resp: 287193
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 30.3 24.3 36.5
59 12.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 94.742 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071917.D
 Acq: 08 Apr 2022 16:09

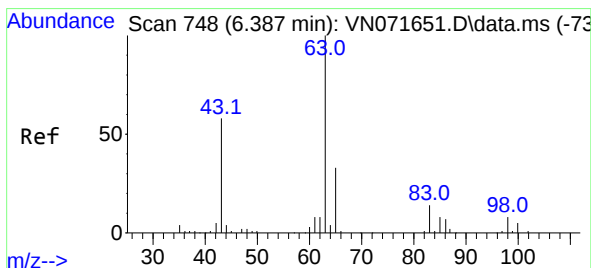
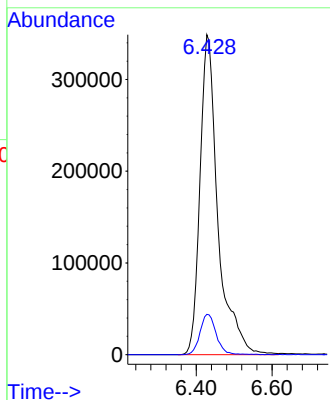
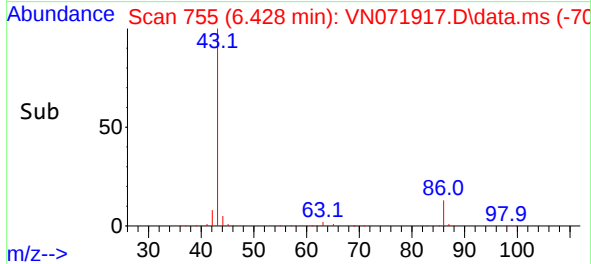
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS02



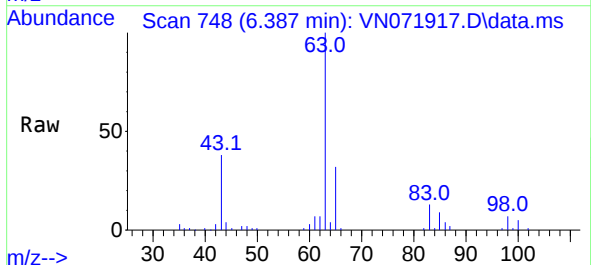
Tgt Ion: 43 Resp: 1146120
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

Manual Integrations
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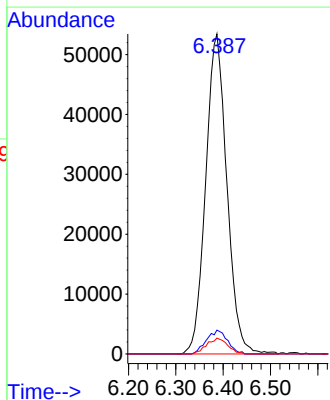
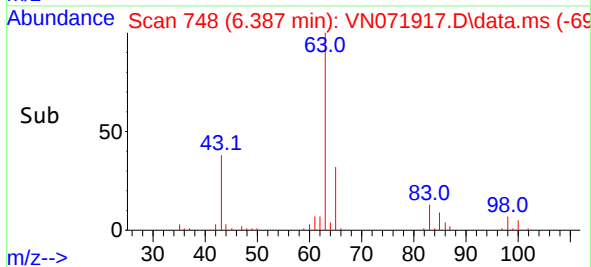
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

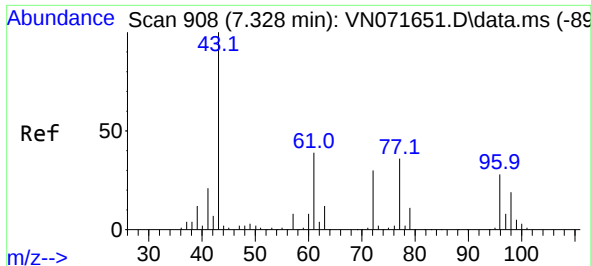


#24
 1,1-Dichloroethane
 Concen: 18.587 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071917.D
 Acq: 08 Apr 2022 16:09



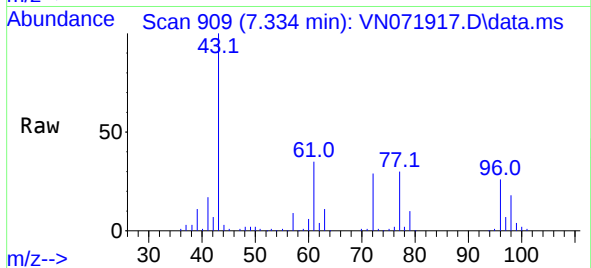
Tgt Ion: 63 Resp: 165994
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 90.715 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

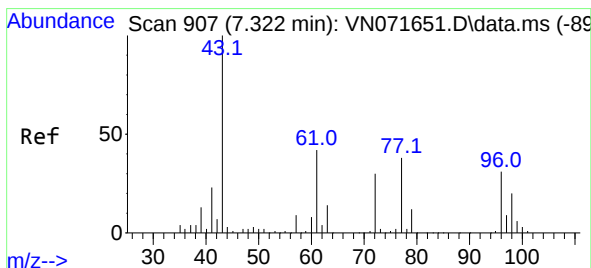
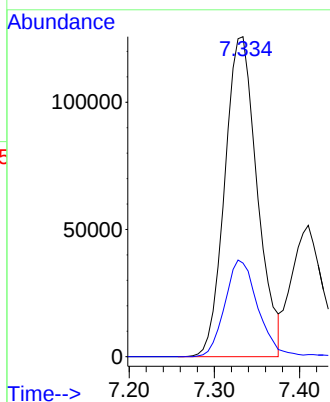
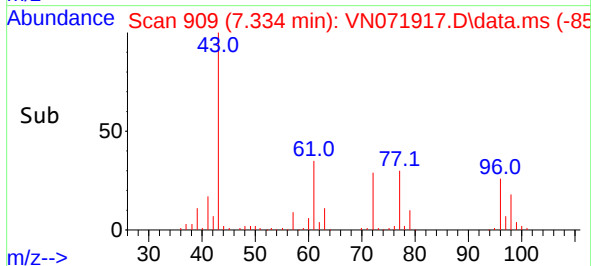
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



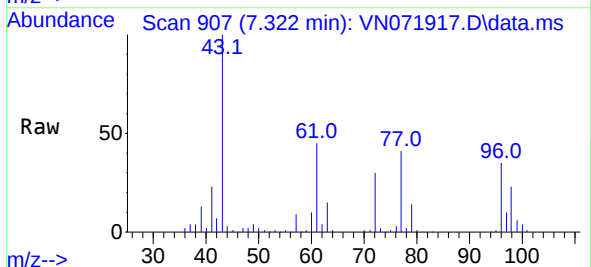
Tgt Ion: 43 Resp: 33280
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5

Manual Integrations
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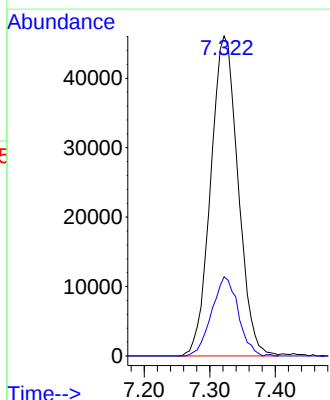
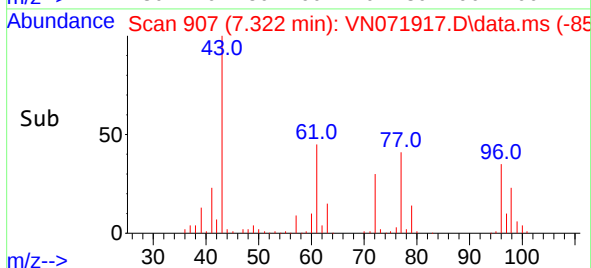
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#26
2,2-Dichloropropane
Concen: 17.417 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 77 Resp: 133623
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.515 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBS02

Tgt Ion: 96 Resp: 107308

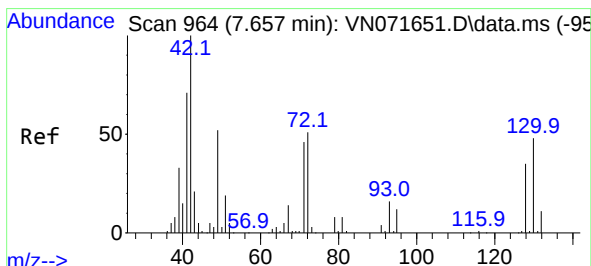
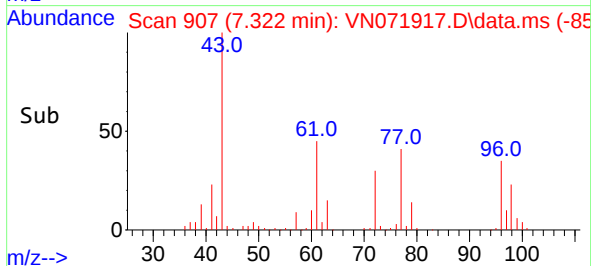
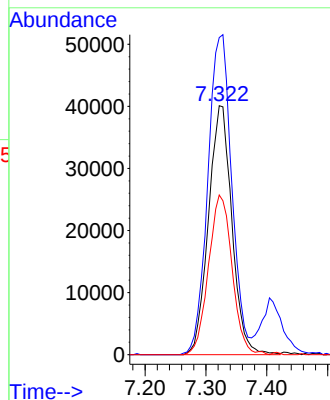
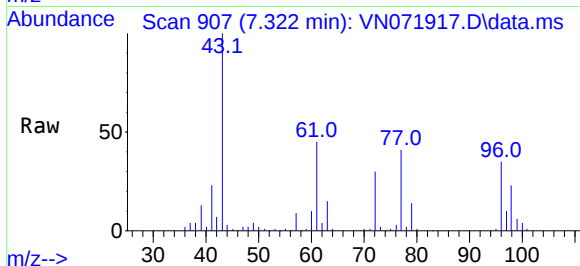
Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	280.6
98	64.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#28

Bromochloromethane

Concen: 19.646 ug/l

RT: 7.651 min Scan# 963

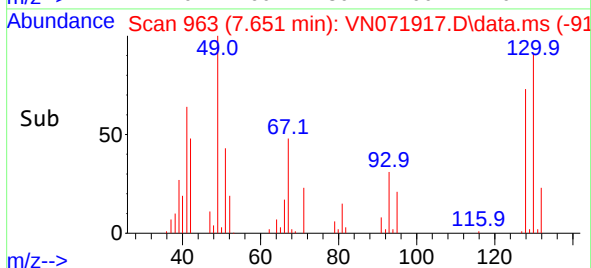
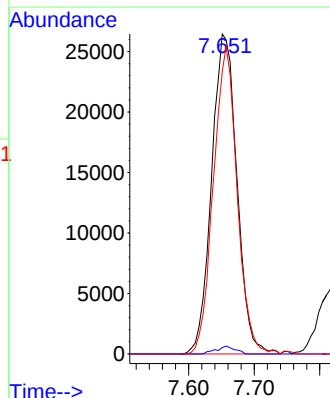
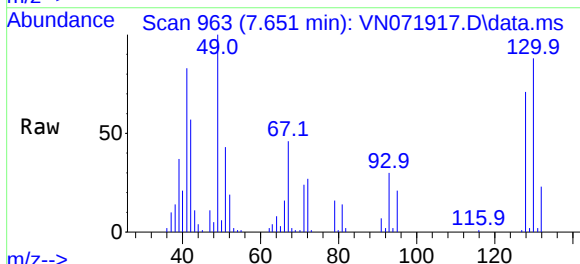
Delta R.T. -0.006 min

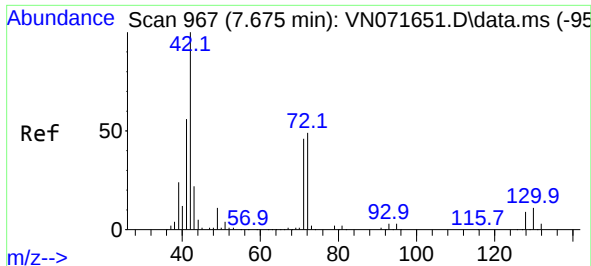
Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Tgt Ion: 49 Resp: 70774

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	90.2	69.7	104.5





#29

Tetrahydrofuran

Concen: 93.812 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071917.D

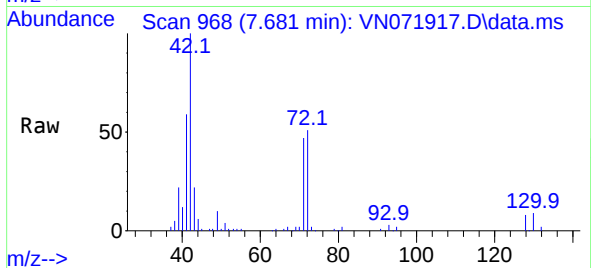
Acq: 08 Apr 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBS02



Tgt Ion: 42 Resp: 222849

Ion Ratio Lower Upper

42 100

72 50.8 39.7 59.5

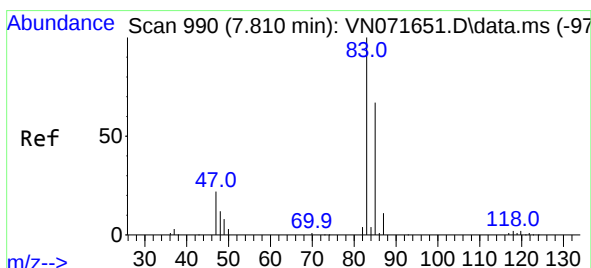
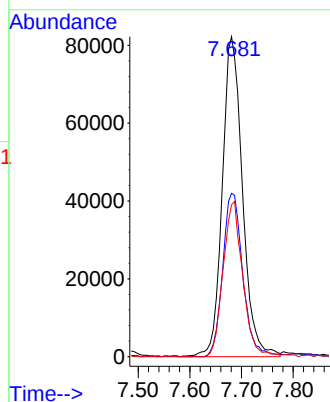
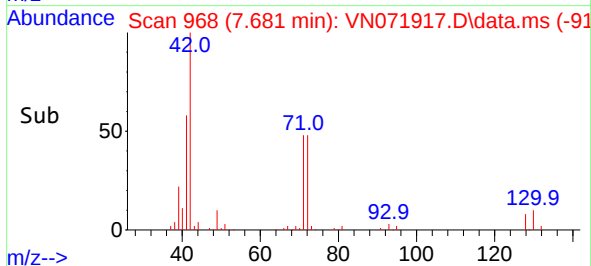
71 47.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#30

Chloroform

Concen: 18.510 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071917.D

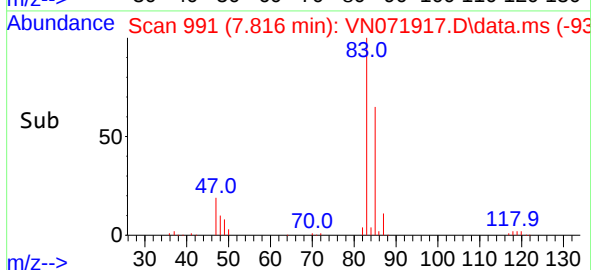
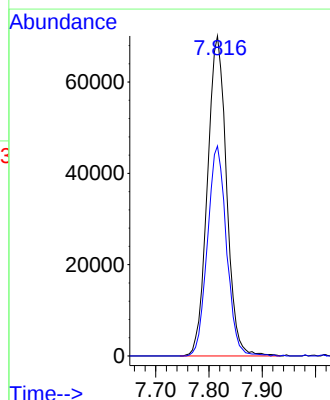
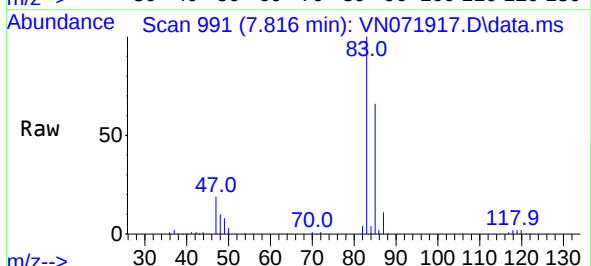
Acq: 08 Apr 2022 16:09

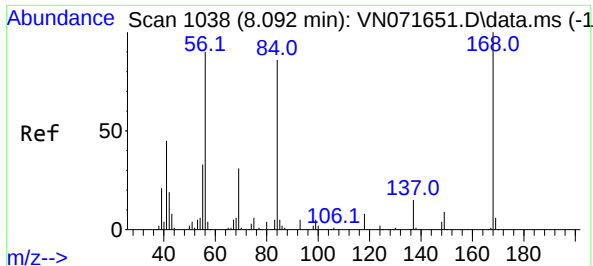
Tgt Ion: 83 Resp: 174547

Ion Ratio Lower Upper

83 100

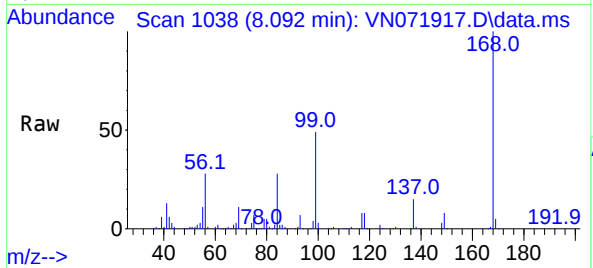
85 65.6 51.8 77.8





#31
Cyclohexane
Concen: 16.285 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

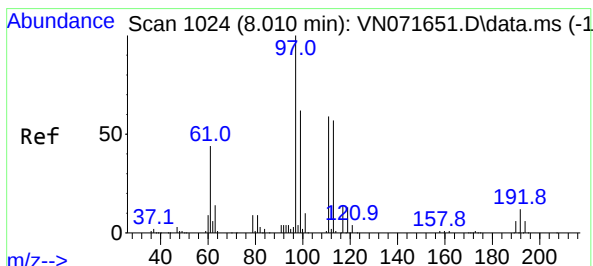
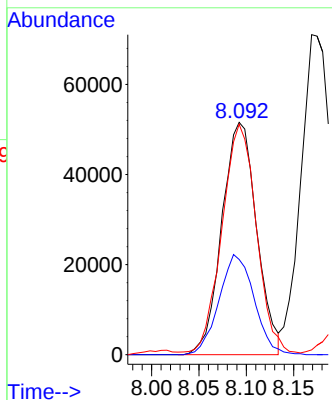
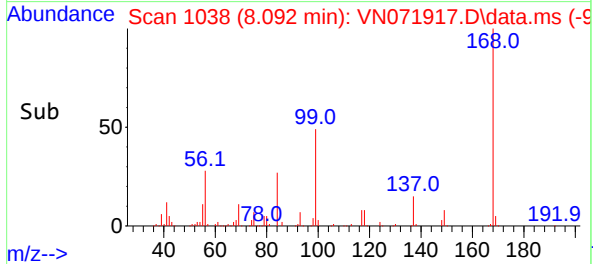
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



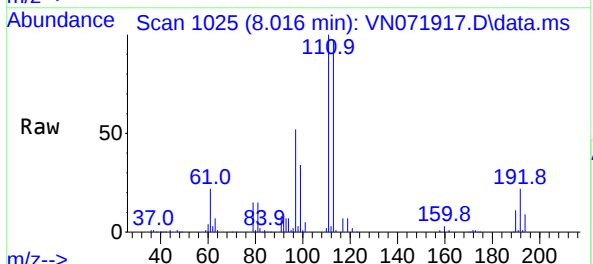
Tgt Ion: 56 Resp: 13187
Ion Ratio Lower Upper
56 100
69 41.0 27.8 41.8
84 98.1 76.9 115.3

Manual Integrations
APPROVED

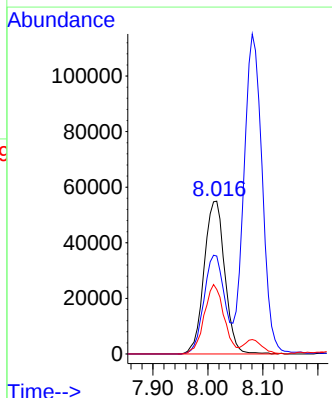
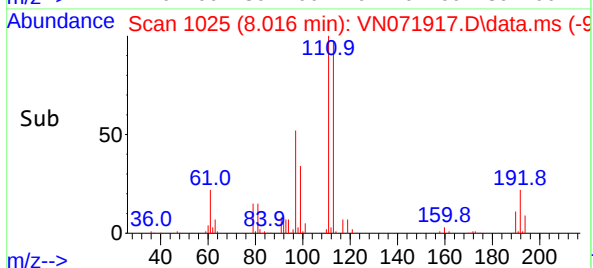
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#32
1,1,1-Trichloroethane
Concen: 17.819 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 97 Resp: 143751
Ion Ratio Lower Upper
97 100
99 65.5 50.6 76.0
61 43.9 36.0 54.0





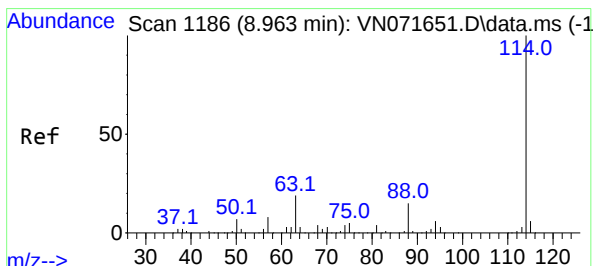
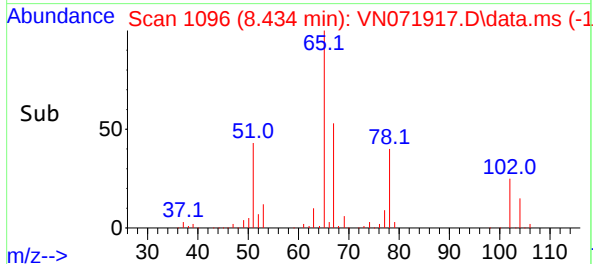
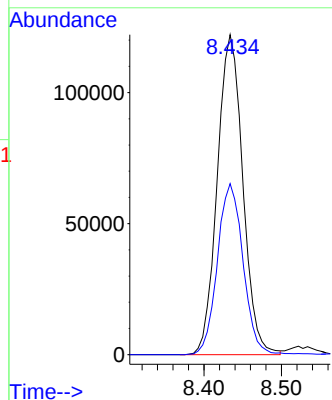
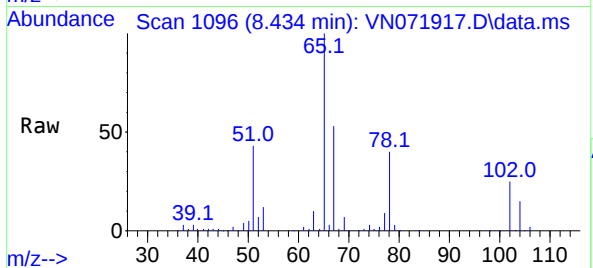
#33
1,2-Dichloroethane-d4
Concen: 47.022 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 65 Resp: 28000
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

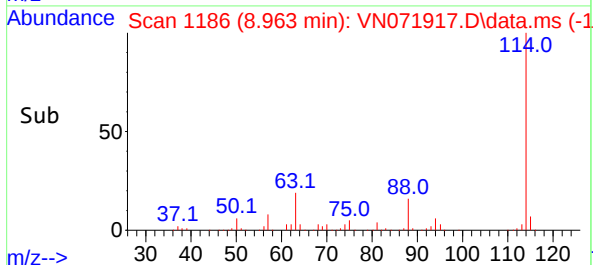
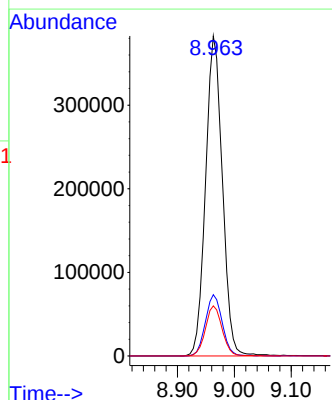
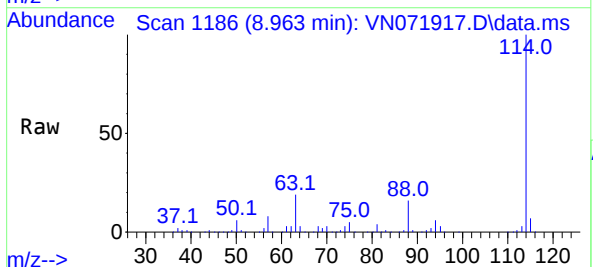
Manual Integrations
APPROVED

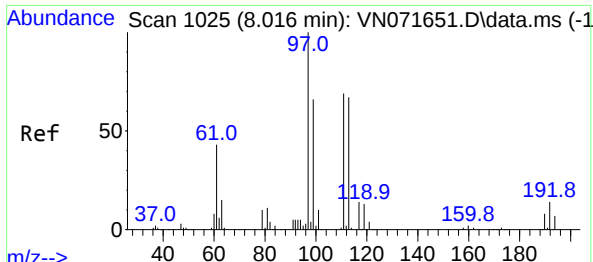
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

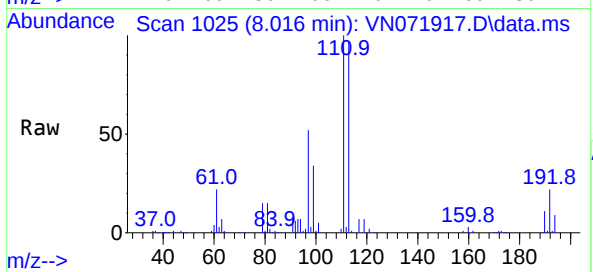
Tgt Ion:114 Resp: 784581
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.186 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

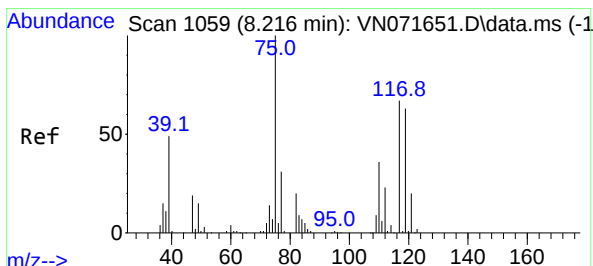
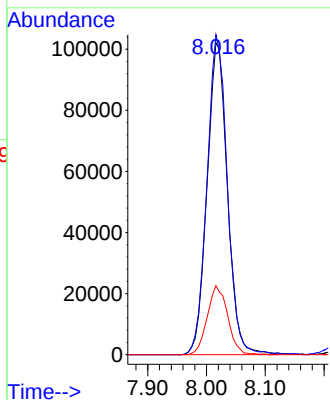
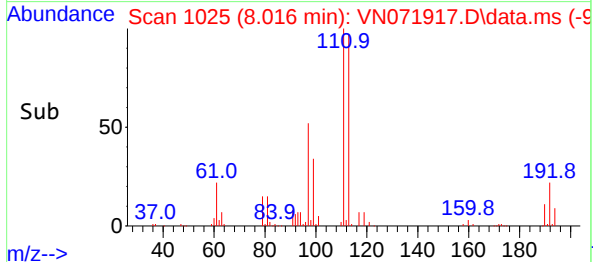
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



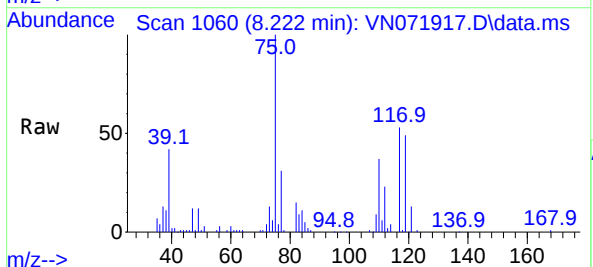
Tgt Ion:113 Resp: 245549
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 22.2 17.0 25.6

Manual Integrations
APPROVED

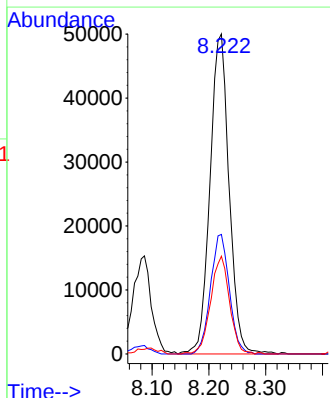
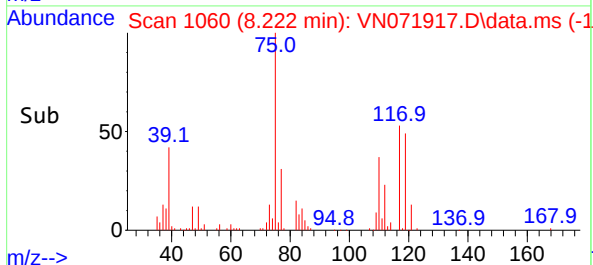
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

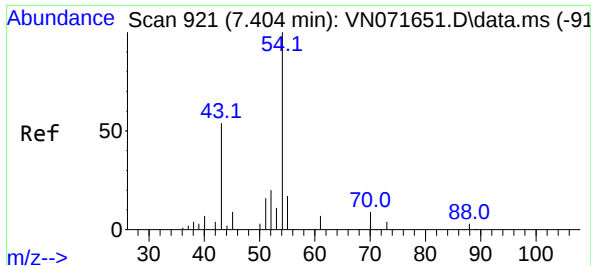


#36
1,1-Dichloropropene
Concen: 18.112 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 75 Resp: 116774
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 30.2 25.1 37.7





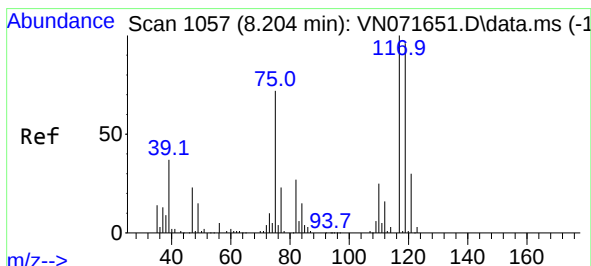
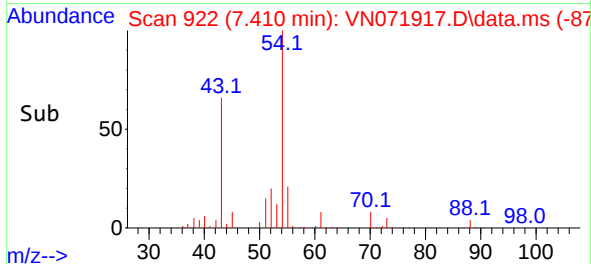
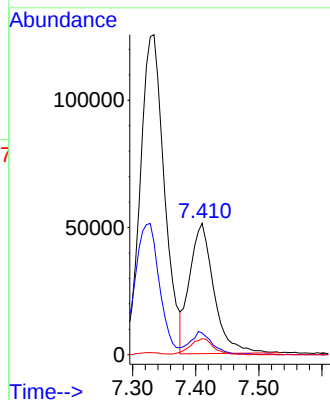
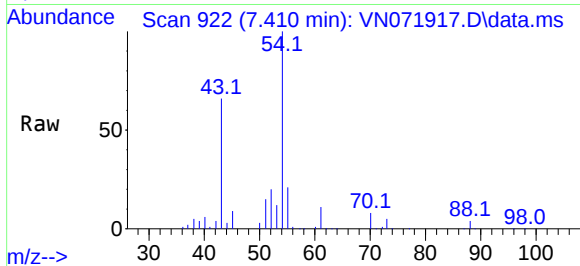
#37
Ethyl Acetate
Concen: 19.393 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 43 Resp: 136852
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.9 9.3 13.9

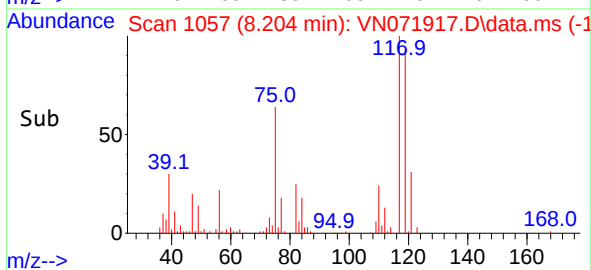
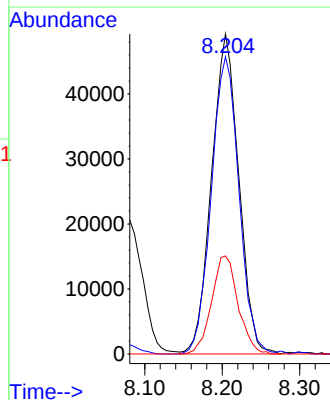
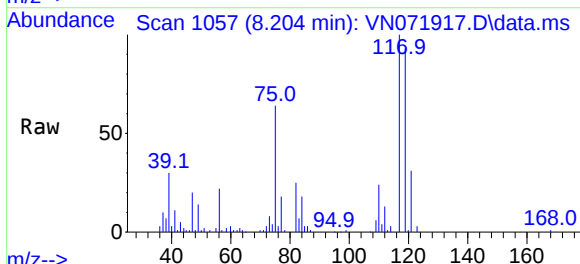
Manual Integrations
APPROVED

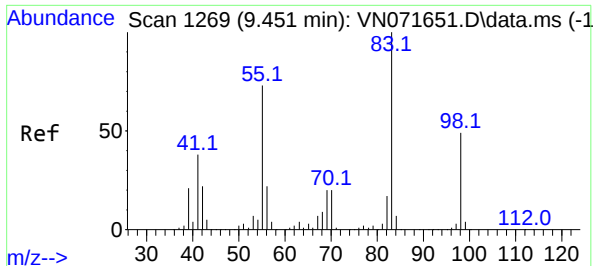
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#38
Carbon Tetrachloride
Concen: 18.988 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

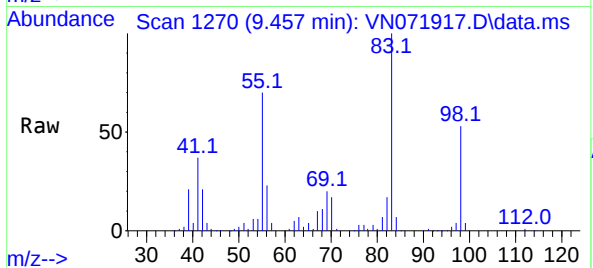
Tgt Ion:117 Resp: 119977
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8
121 30.7 24.6 37.0





#39
Methylcyclohexane
Concen: 17.655 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

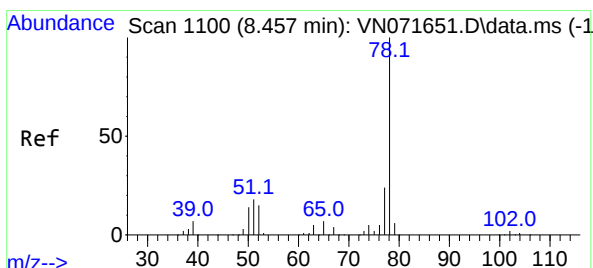
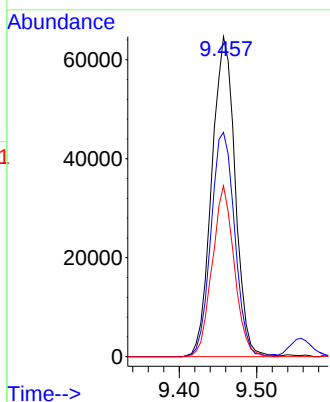
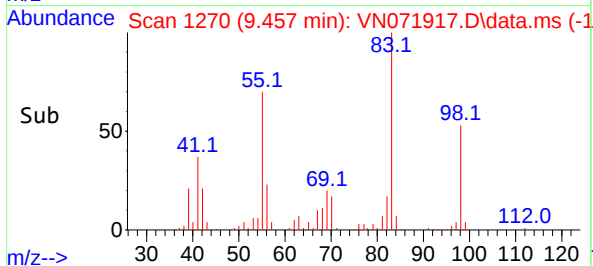
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



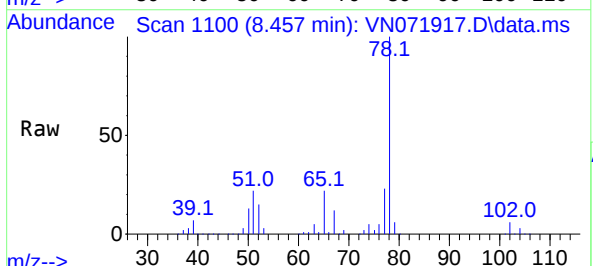
Tgt Ion: 83 Resp: 135492
Ion Ratio Lower Upper
83 100
55 70.1 57.8 86.8
98 53.4 39.4 59.2

Manual Integrations
APPROVED

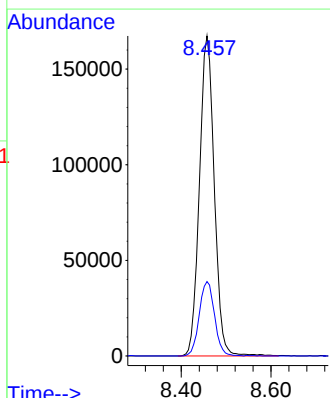
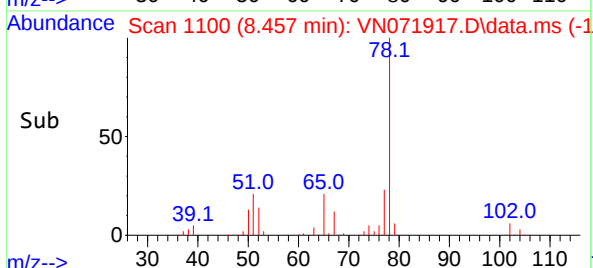
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

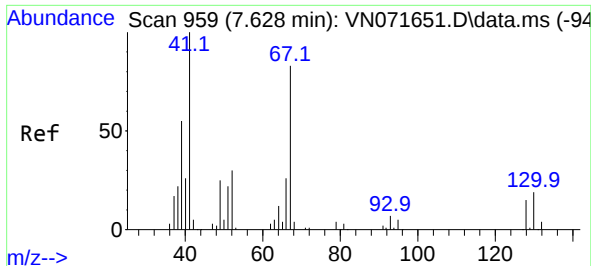


#40
Benzene
Concen: 18.867 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



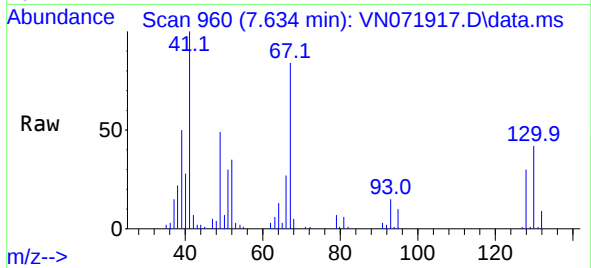
Tgt Ion: 78 Resp: 384263
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 19.971 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

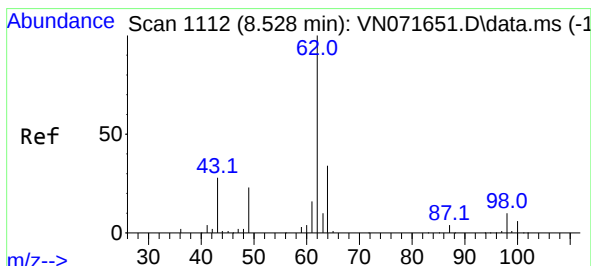
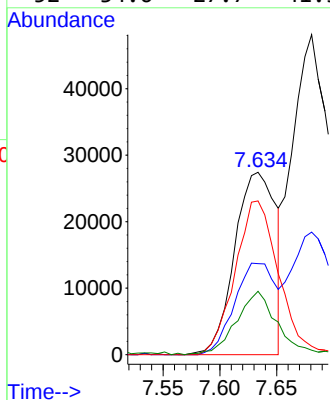
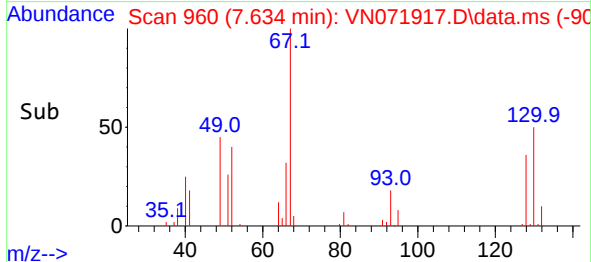
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



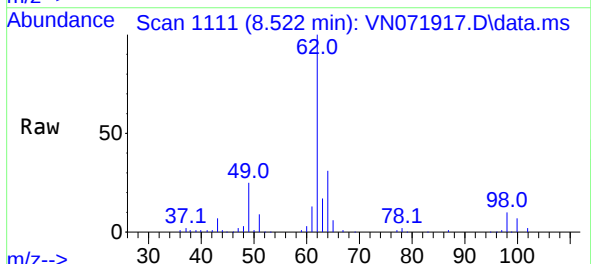
Tgt Ion: 41 Resp: 69004
Ion Ratio Lower Upper
41 100
39 49.7 48.6 73.0
67 90.5 73.4 110.2
52 34.6 27.7 41.5

Manual Integrations
APPROVED

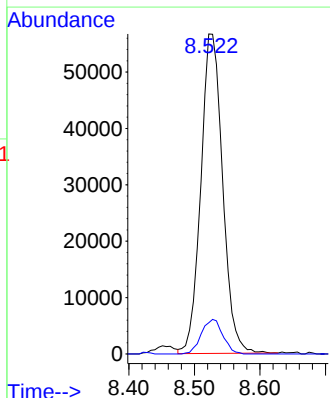
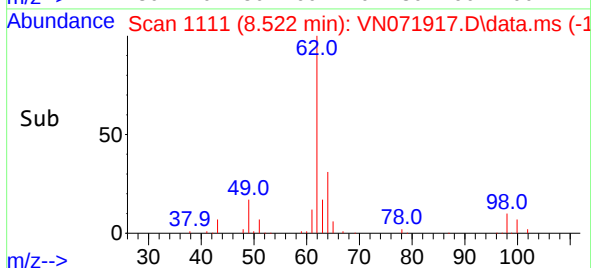
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#42
1,2-Dichloroethane
Concen: 18.625 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 62 Resp: 131218
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 17.548 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBS02

Tgt Ion: 43 Resp: 205968

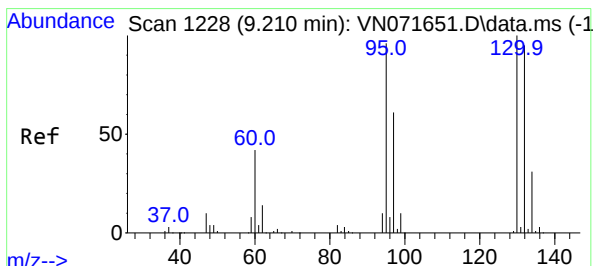
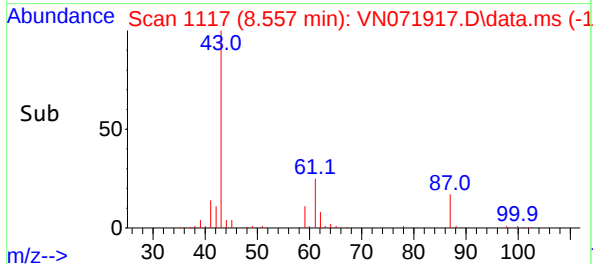
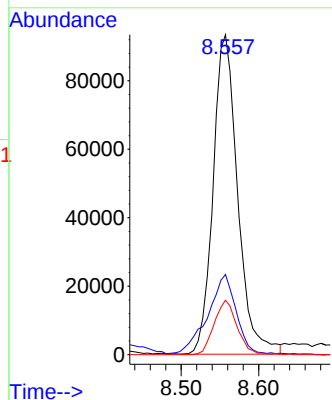
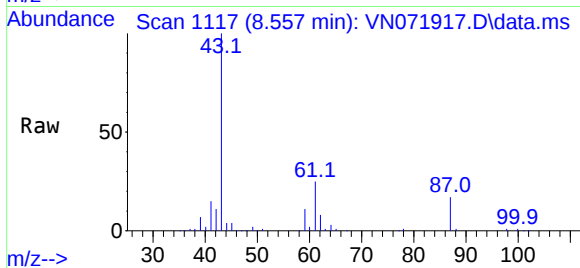
Ion	Ratio	Lower	Upper
43	100		
61	29.8	21.9	32.9
87	16.0	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#44

Trichloroethene

Concen: 19.700 ug/l

RT: 9.216 min Scan# 1229

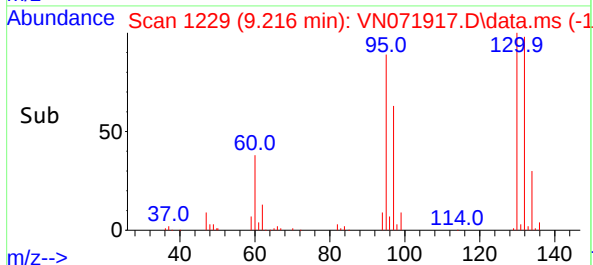
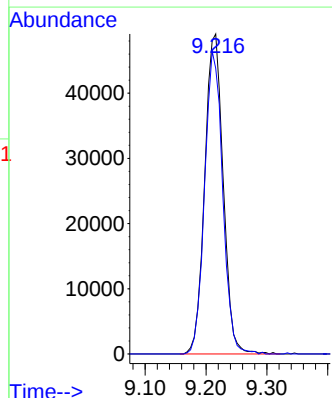
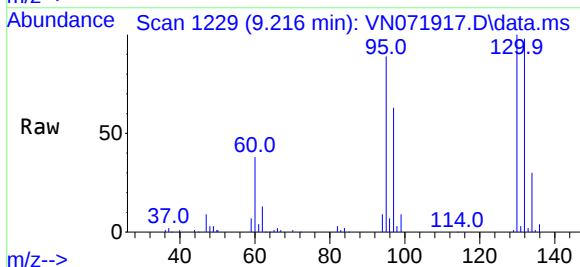
Delta R.T. 0.006 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Tgt Ion:130 Resp: 103368

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	186.8





#45

1,2-Dichloropropane

Concen: 20.023 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBS02

Tgt Ion: 63 Resp: 101875

Ion Ratio Lower Upper

63 100

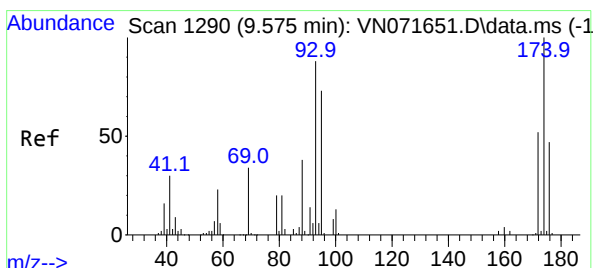
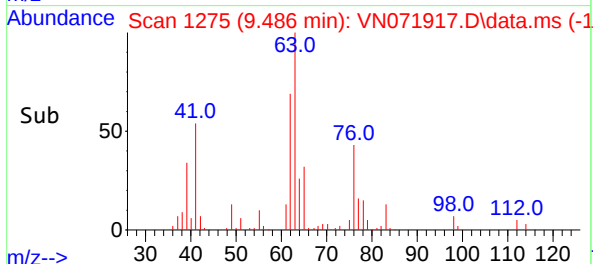
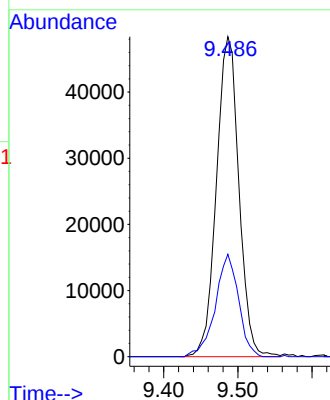
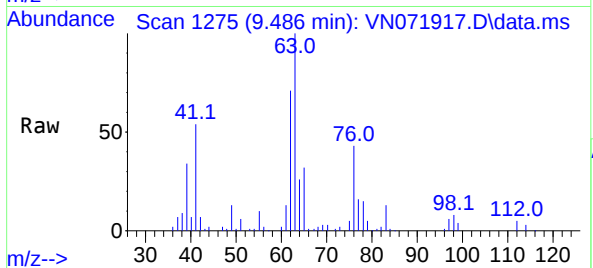
65 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#46

Dibromomethane

Concen: 19.614 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

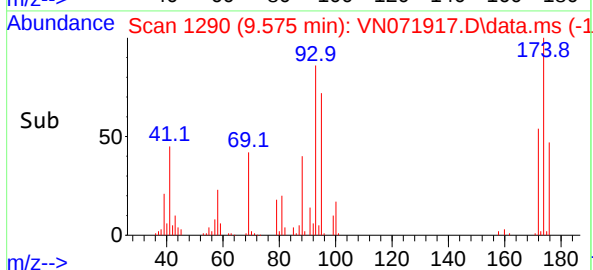
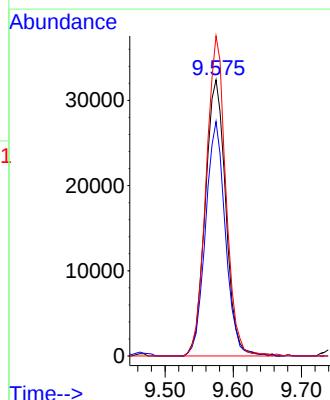
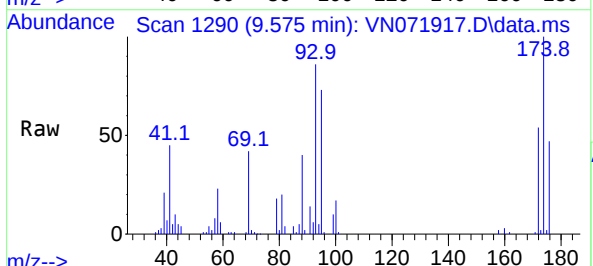
Tgt Ion: 93 Resp: 67755

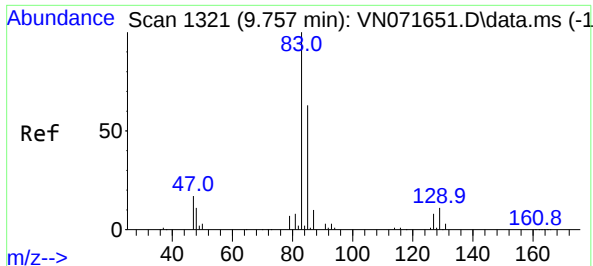
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

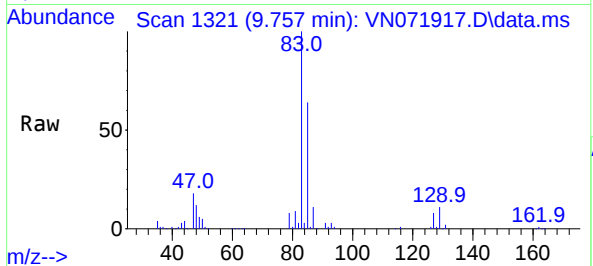
174 111.6 86.6 130.0





#47
Bromodichloromethane
Concen: 20.071 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

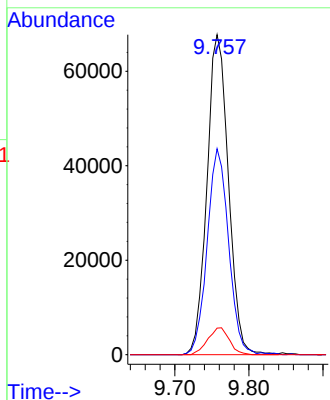
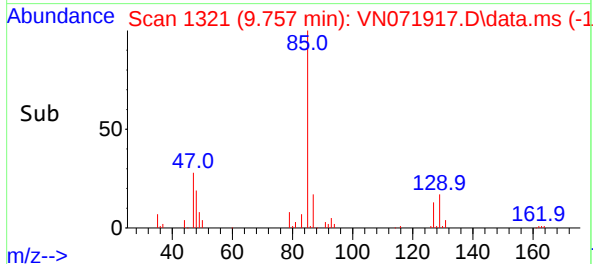
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



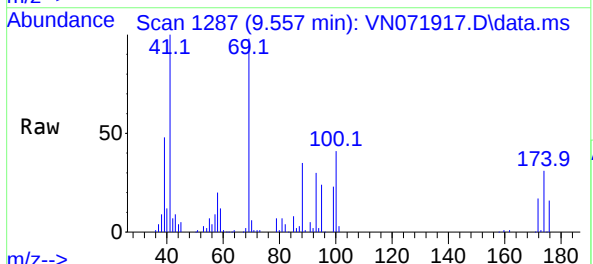
Tgt Ion: 83 Resp: 13648
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.3 6.8 10.2

Manual Integrations
APPROVED

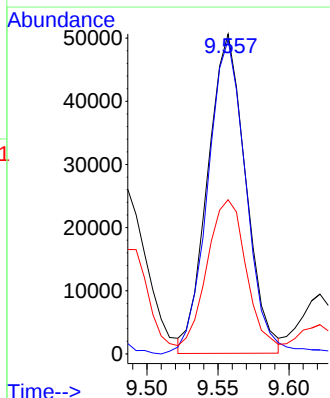
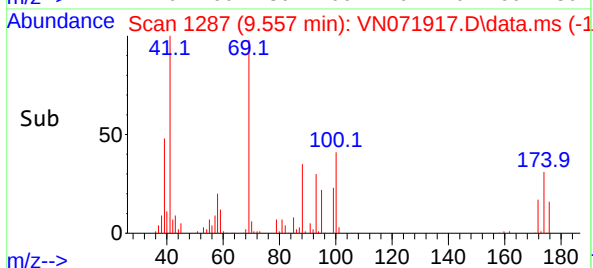
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

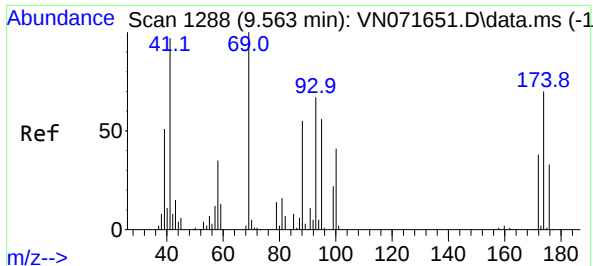


#48
Methyl methacrylate
Concen: 19.297 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



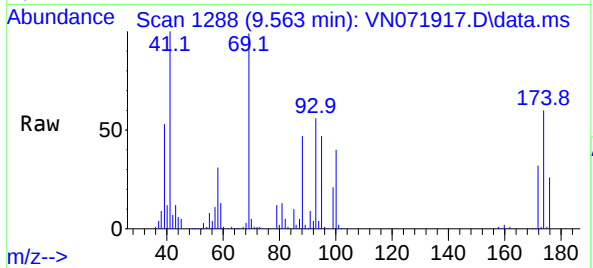
Tgt Ion: 41 Resp: 93967
Ion Ratio Lower Upper
41 100
69 99.5 74.7 112.1
39 50.6 45.6 68.4





#49
1,4-Dioxane
Concen: 363.767 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

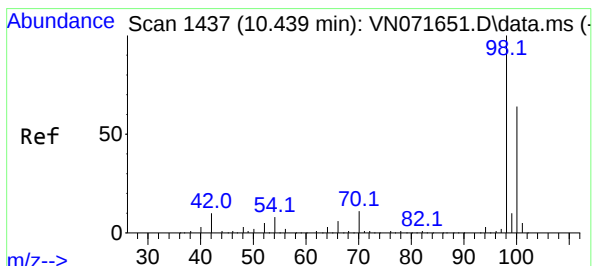
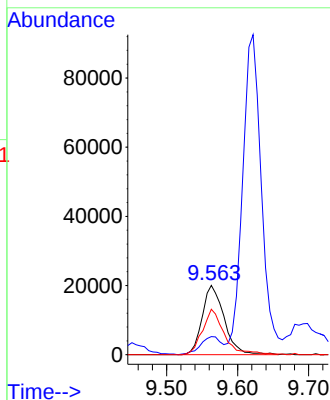
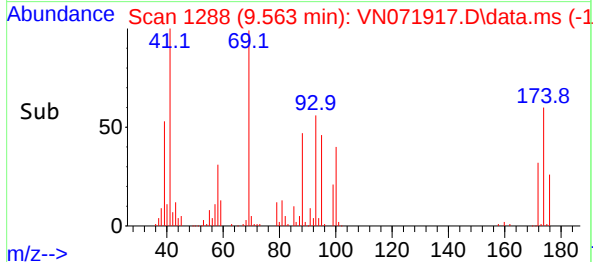
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



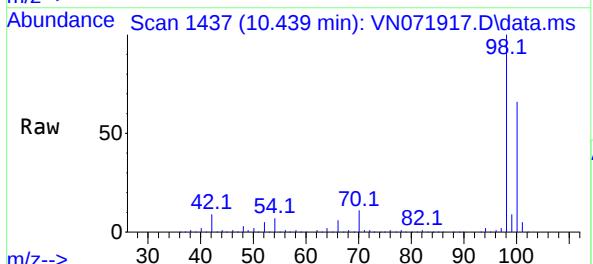
Tgt Ion: 88 Resp: 43040
Ion Ratio Lower Upper
88 100
43 24.8 20.2 30.4
58 65.6 54.2 81.4

Manual Integrations
APPROVED

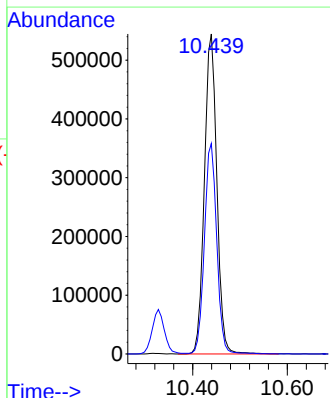
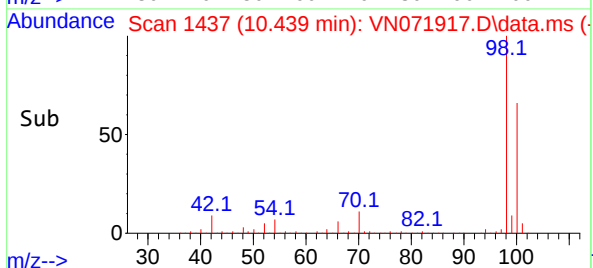
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#50
Toluene-d8
Concen: 52.554 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 98 Resp: 992553
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





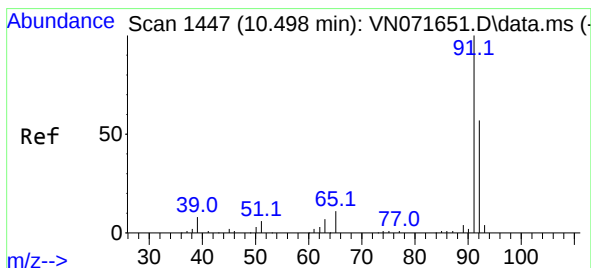
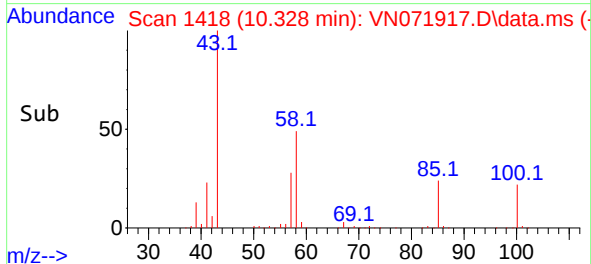
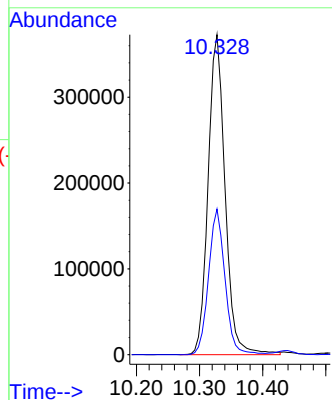
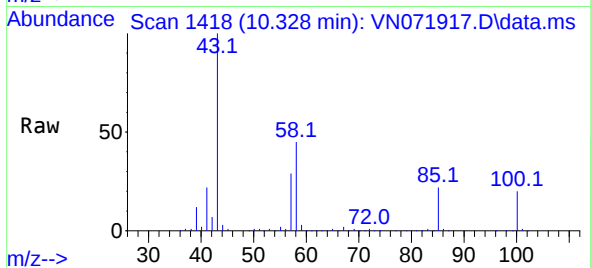
#51
4-Methyl-2-Pentanone
Concen: 103.197 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 43 Resp: 696408
Ion Ratio Lower Upper
43 100
58 44.0 34.1 51.1

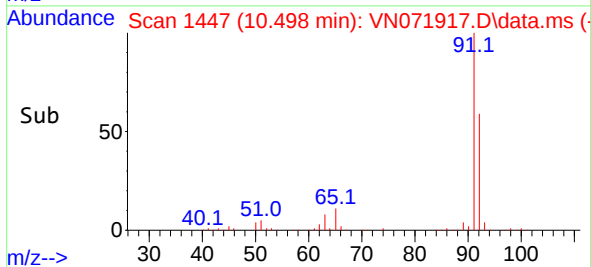
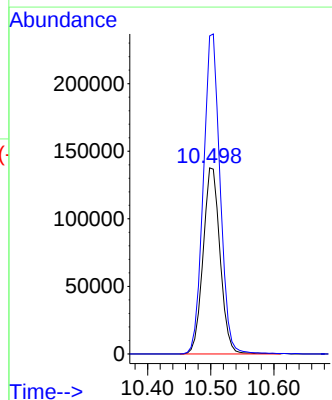
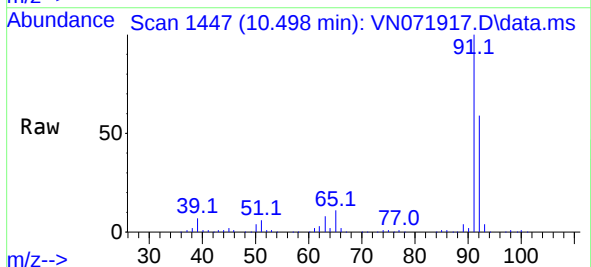
Manual Integrations
APPROVED

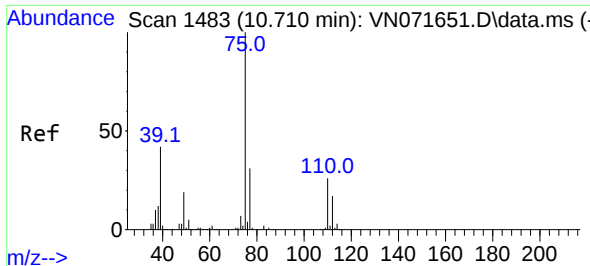
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#52
Toluene
Concen: 19.962 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Tgt Ion: 92 Resp: 256989
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8





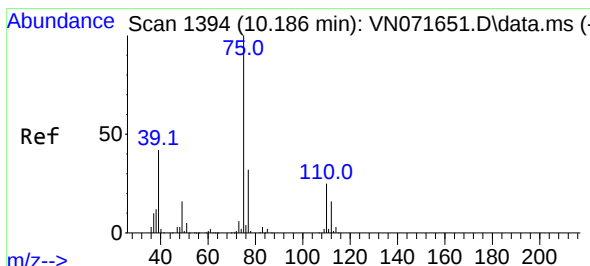
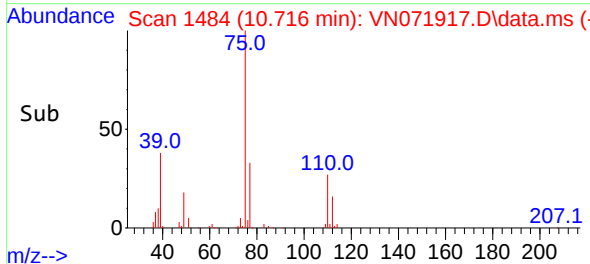
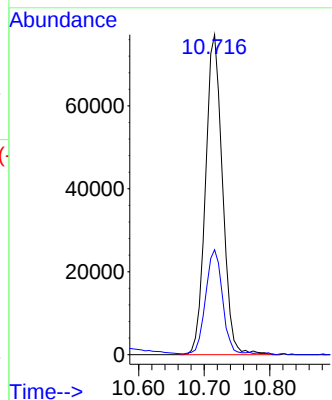
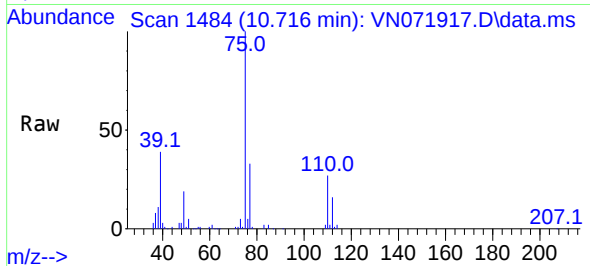
#53
t-1,3-Dichloropropene
Concen: 19.499 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion: 75 Resp: 13896
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

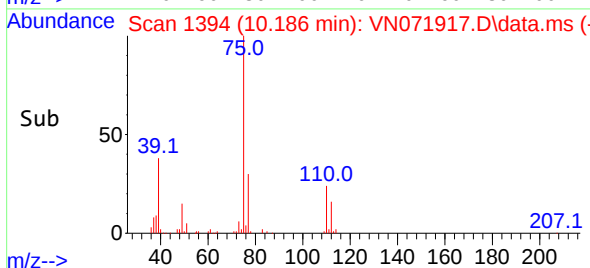
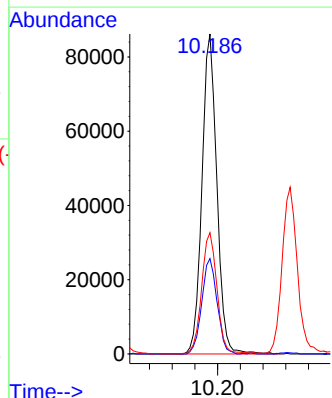
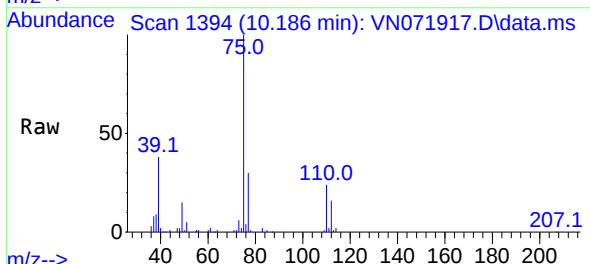
Manual Integrations
APPROVED

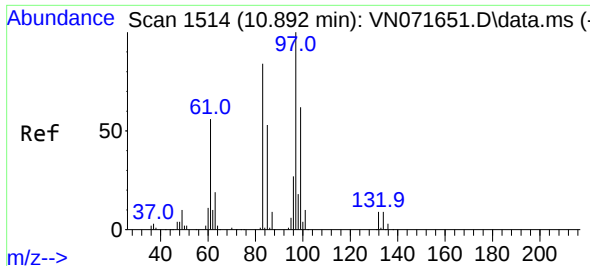
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#54
cis-1,3-Dichloropropene
Concen: 19.851 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

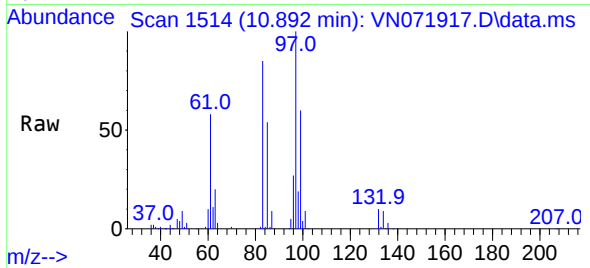
Tgt Ion: 75 Resp: 156320
Ion Ratio Lower Upper
75 100
77 29.8 25.2 37.8
39 37.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.503 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

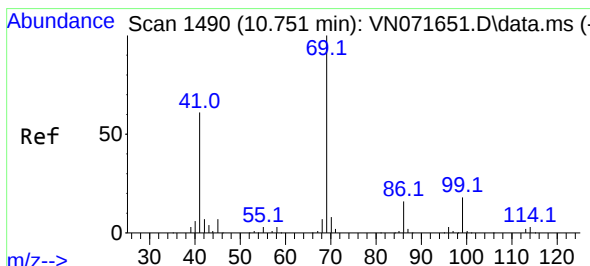
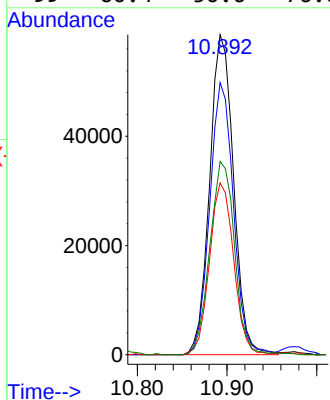
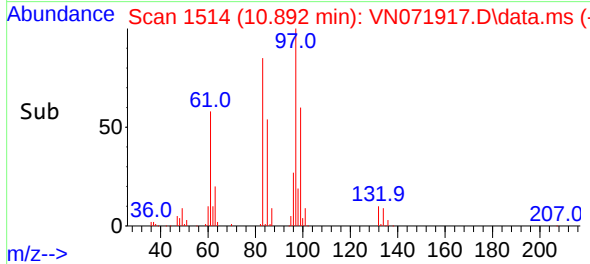


Tgt Ion: 97 Resp: 10863

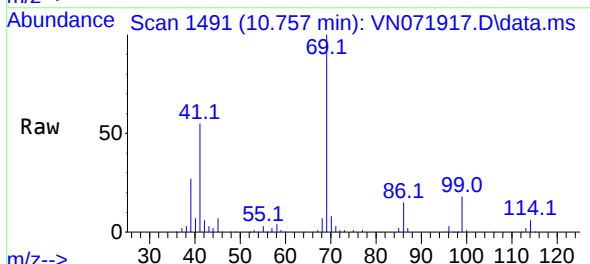
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.4
85	53.7	43.9	65.9
99	60.4	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

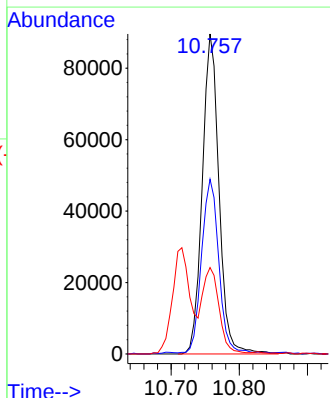
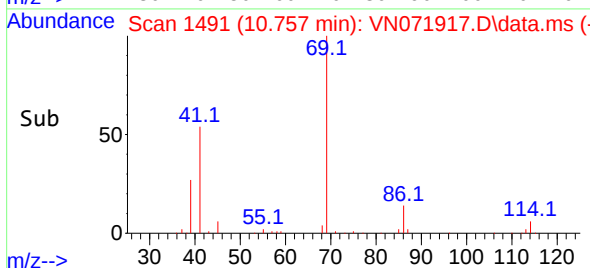


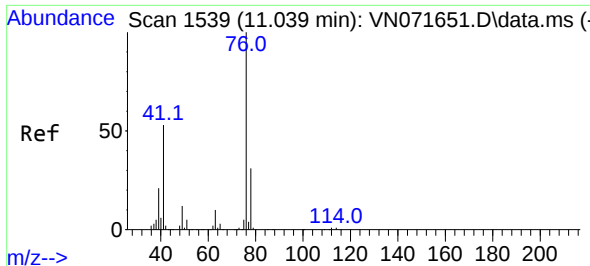
#56
Ethyl methacrylate
Concen: 20.195 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 69 Resp: 152646

Ion	Ratio	Lower	Upper
69	100		
41	55.7	47.8	71.6
39	25.8	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.377 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071917.D

Acq: 08 Apr 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBS02

Tgt Ion: 76 Resp: 18052

Ion Ratio Lower Upper

76 100

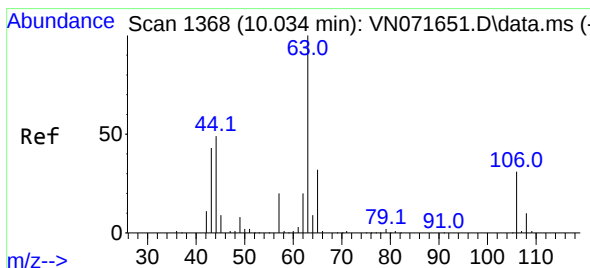
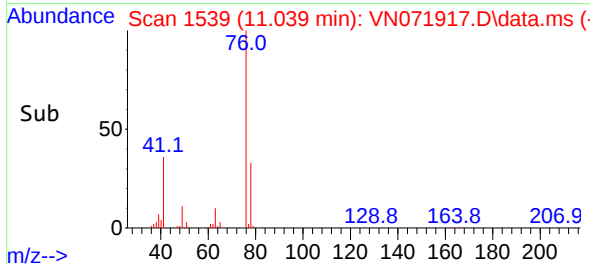
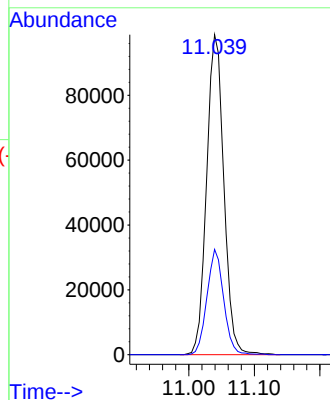
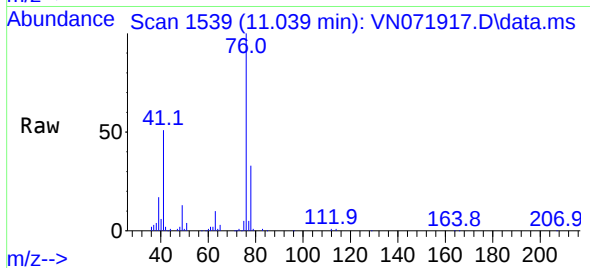
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.583 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071917.D

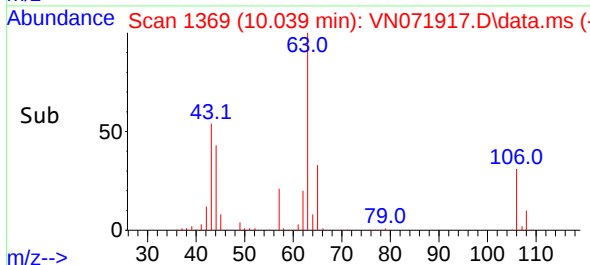
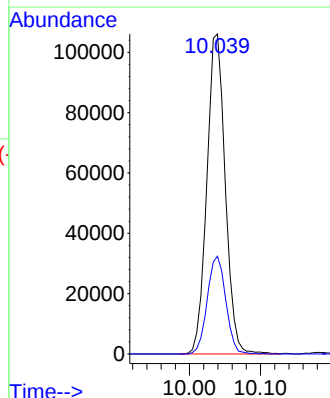
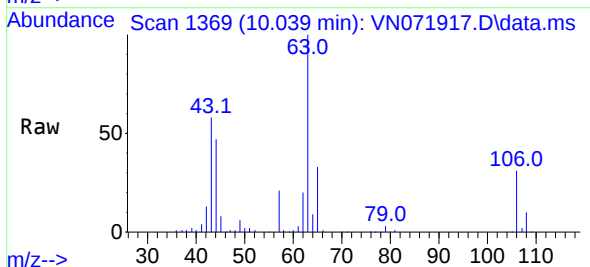
Acq: 08 Apr 2022 16:09

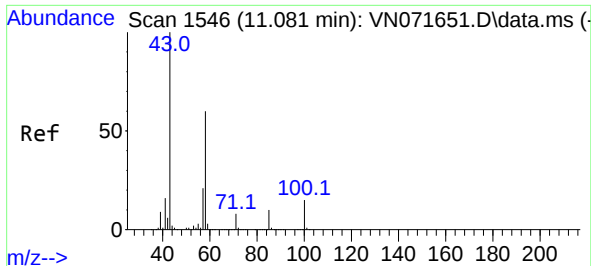
Tgt Ion: 63 Resp: 191270

Ion Ratio Lower Upper

63 100

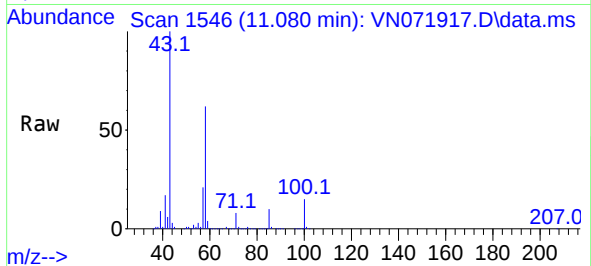
106 30.7 24.6 36.8





#59
2-Hexanone
Concen: 100.883 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

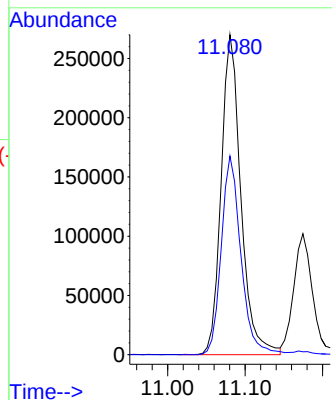
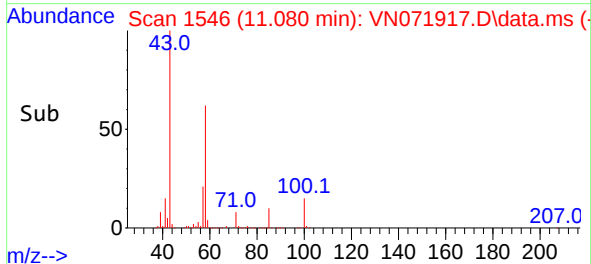
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



Tgt Ion: 43 Resp: 479315
Ion Ratio Lower Upper
43 100
58 61.8 29.7 89.1

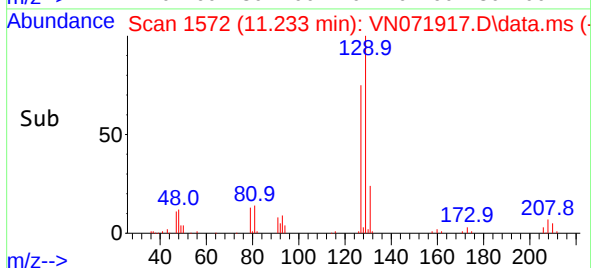
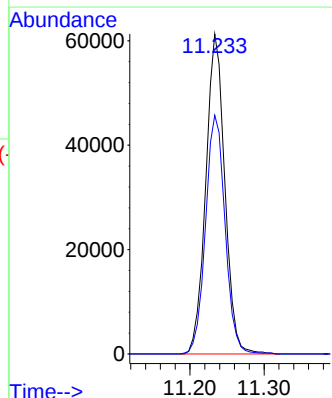
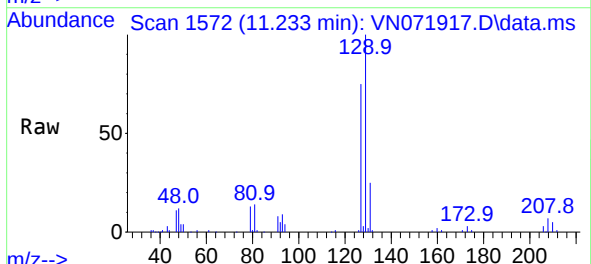
Manual Integrations
APPROVED

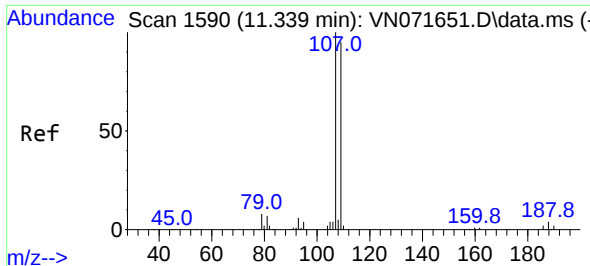
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#60
Dibromochloromethane
Concen: 21.161 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

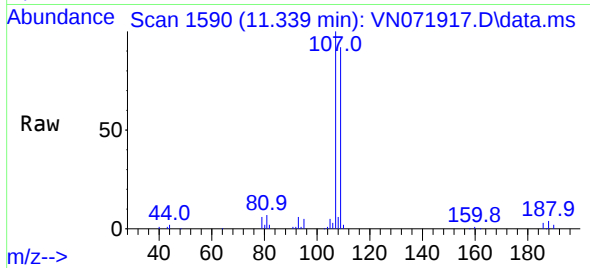
Tgt Ion:129 Resp: 109325
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.291 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

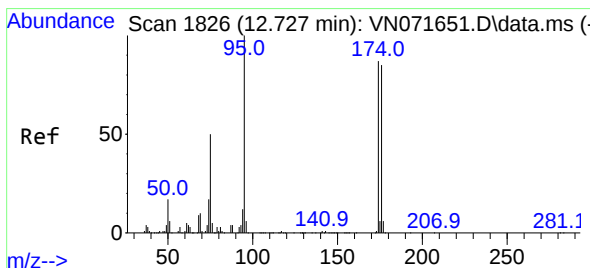
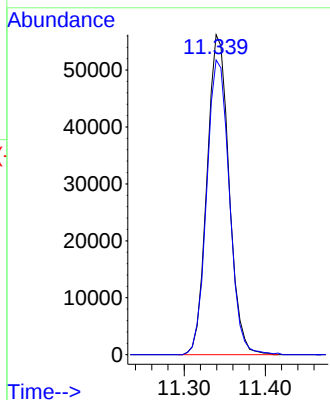
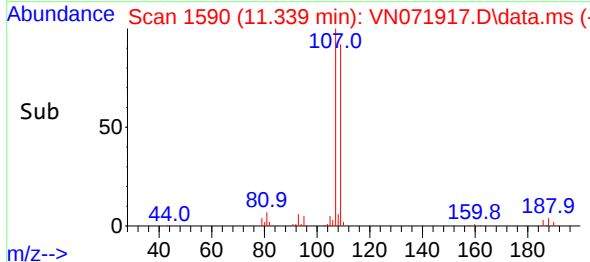
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



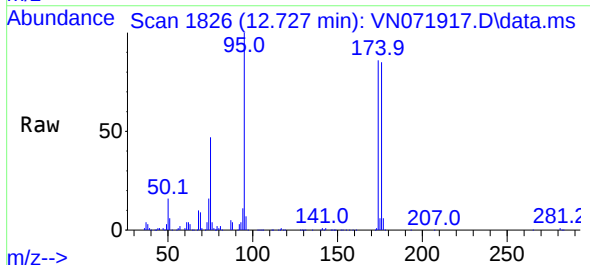
Tgt Ion:107 Resp: 105829
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

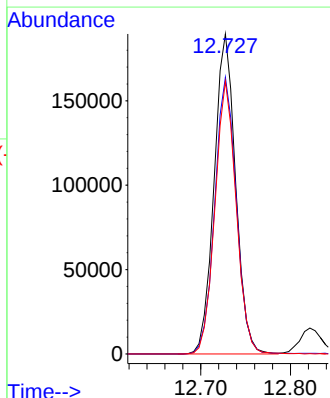
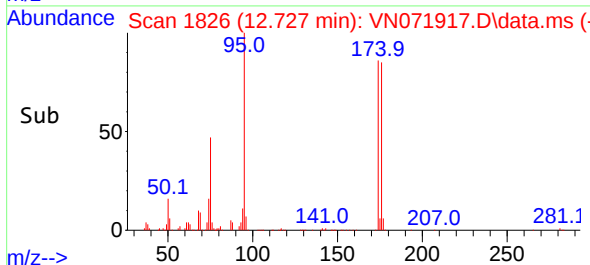
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

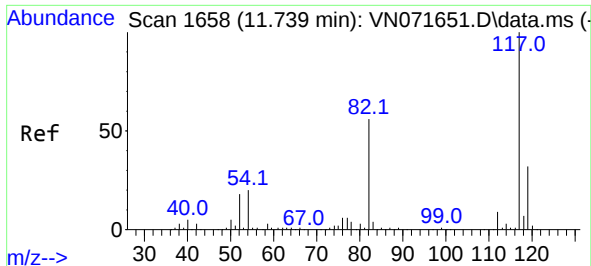


#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



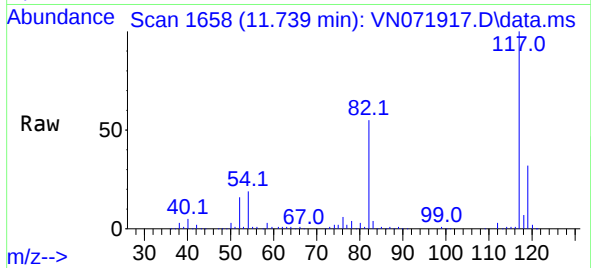
Tgt Ion: 95 Resp: 314438
Ion Ratio Lower Upper
95 100
174 86.9 0.0 167.6
176 84.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

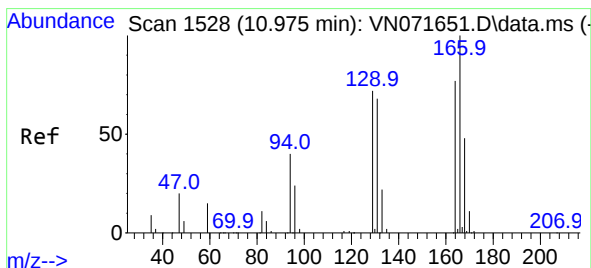
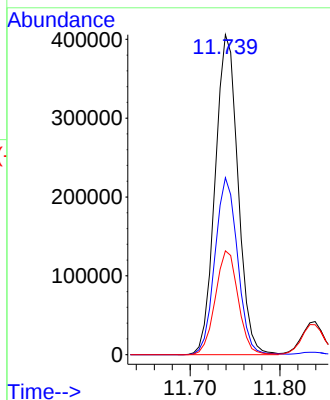
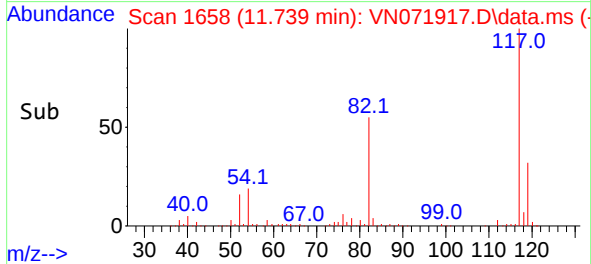
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



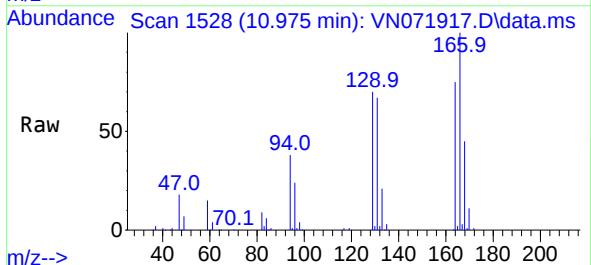
Tgt Ion:117 Resp: 71695
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

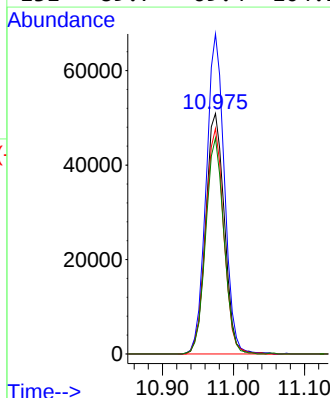
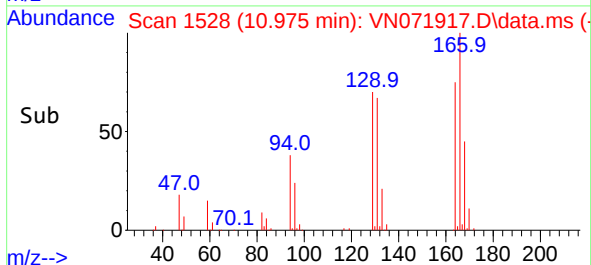
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

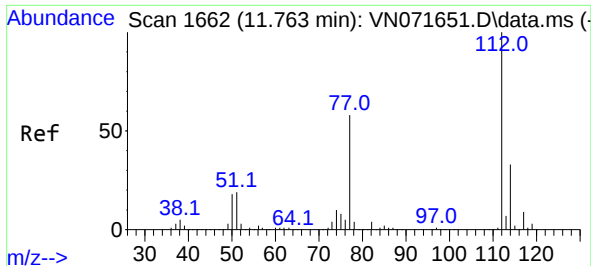


#64
Tetrachloroethene
Concen: 19.676 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



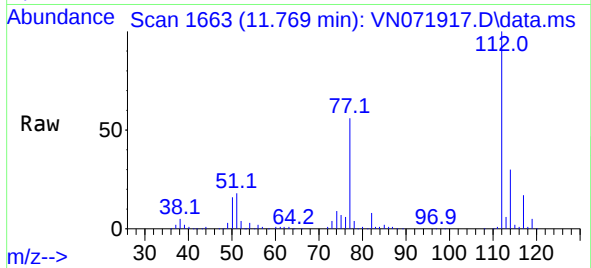
Tgt Ion:164 Resp: 93153
Ion Ratio Lower Upper
164 100
166 133.1 104.2 156.2
129 93.7 73.9 110.9
131 89.7 69.4 104.2





#65
Chlorobenzene
Concen: 19.346 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

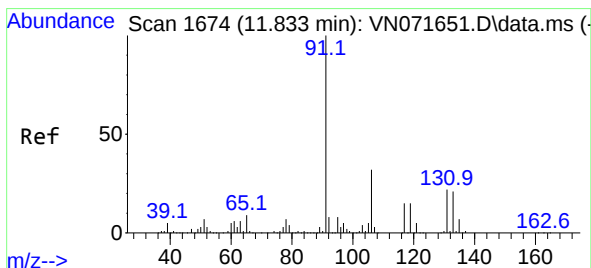
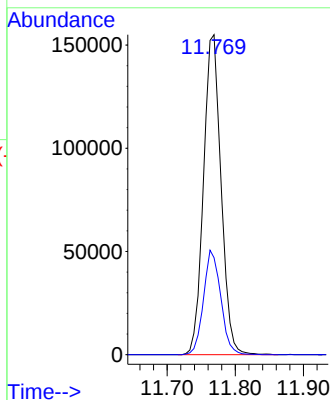
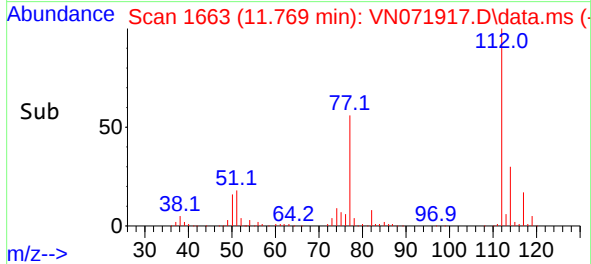
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



Tgt Ion:112 Resp: 277738
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2

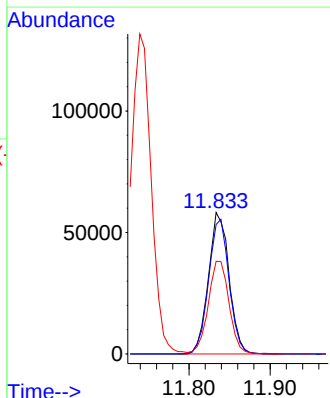
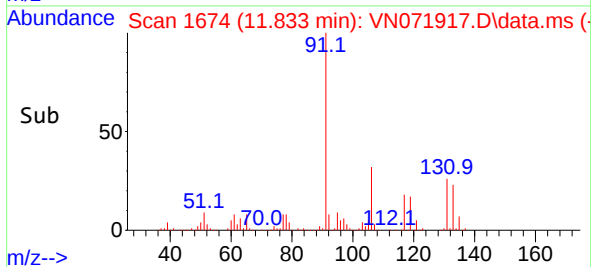
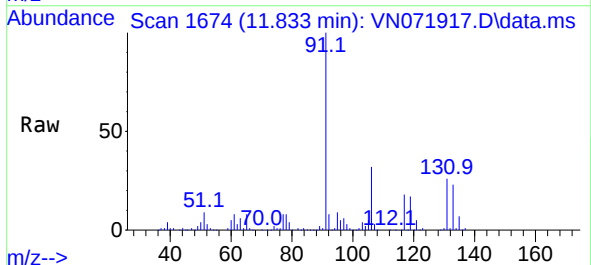
Manual Integrations
APPROVED

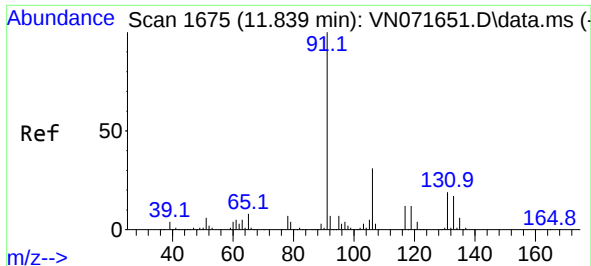
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.846 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

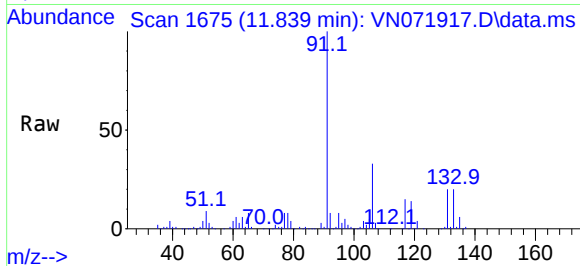
Tgt Ion:131 Resp: 102811
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 66.2 33.4 100.2





#67
Ethyl Benzene
Concen: 19.204 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

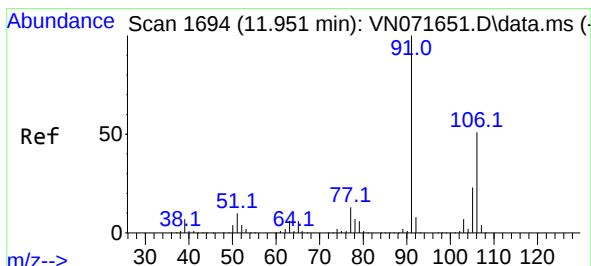
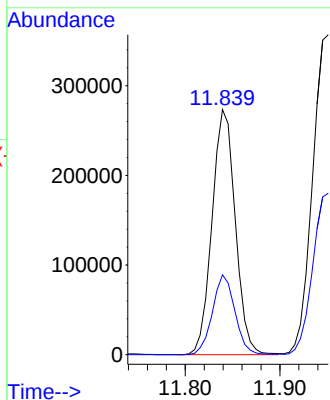
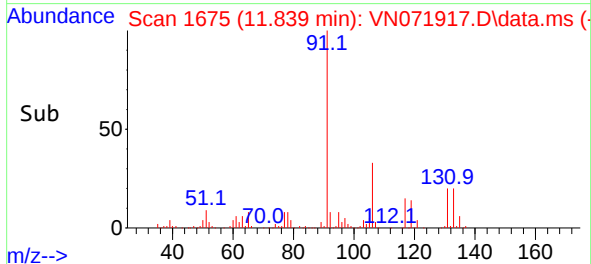
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



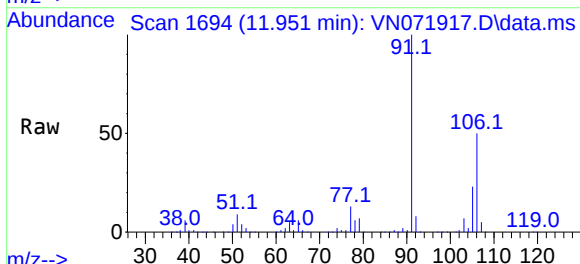
Tgt Ion: 91 Resp: 466718
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

Manual Integrations
APPROVED

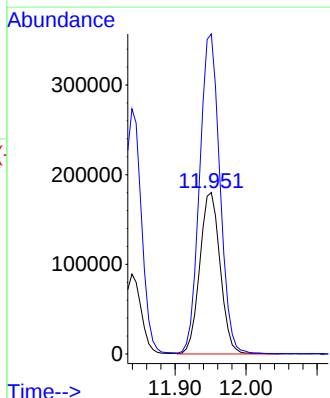
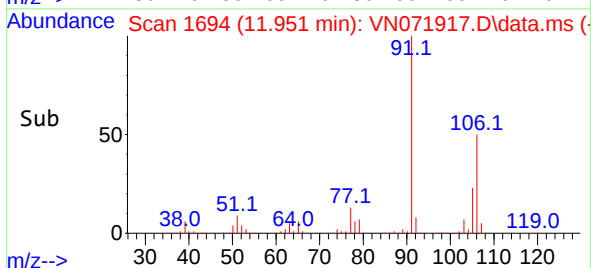
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

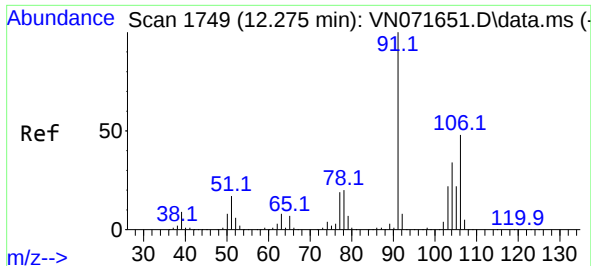


#68
m/p-Xylenes
Concen: 38.576 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion:106 Resp: 360212
Ion Ratio Lower Upper
106 100
91 196.9 158.9 238.3





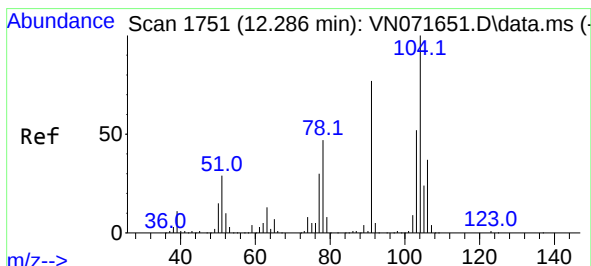
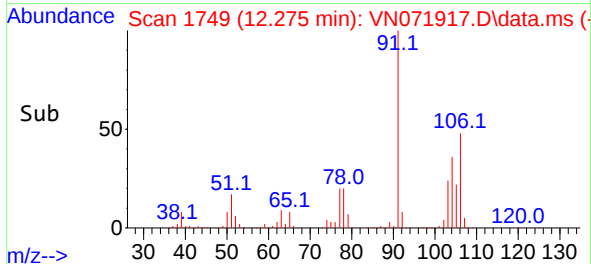
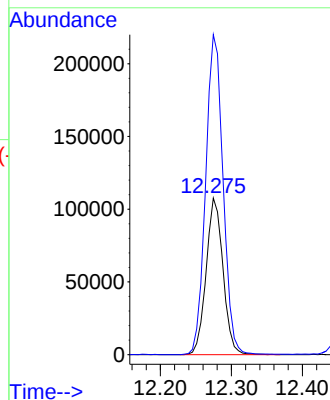
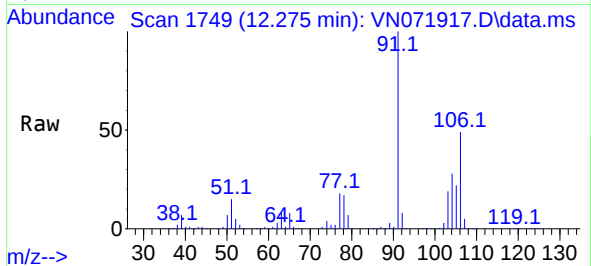
#69
o-Xylene
Concen: 19.233 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:106 Resp: 17826
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0

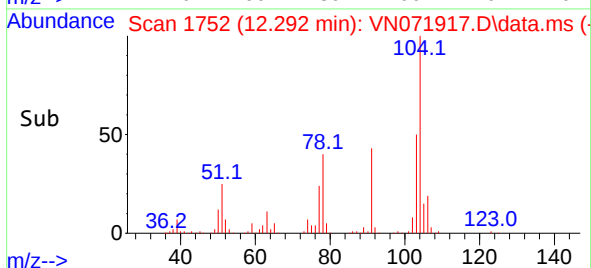
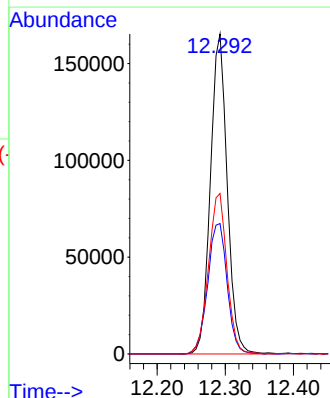
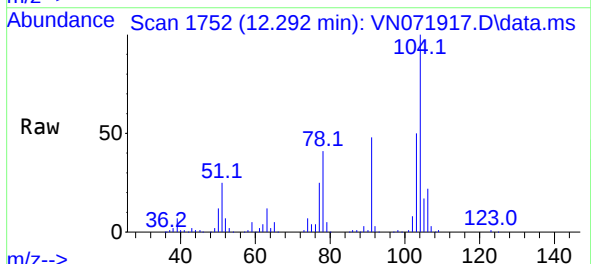
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#70
Styrene
Concen: 20.230 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

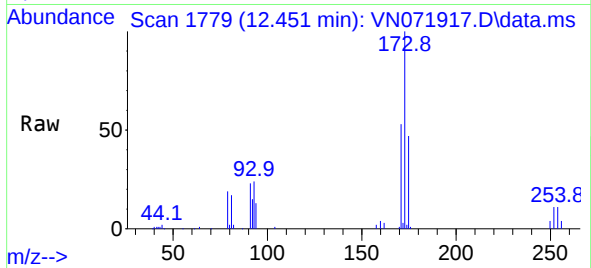
Tgt Ion:104 Resp: 284080
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 20.817 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

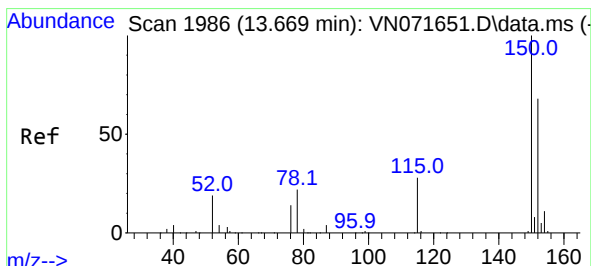
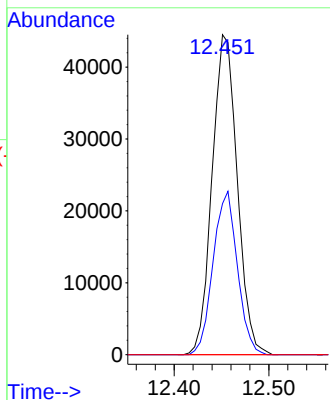
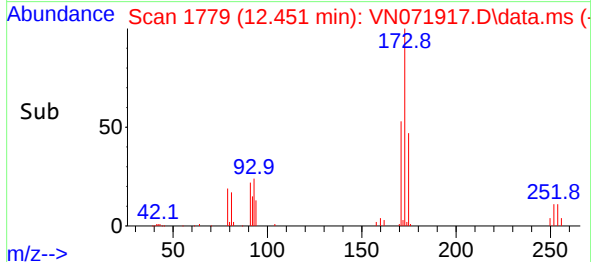
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



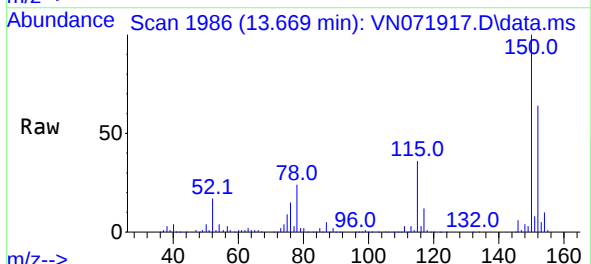
Tgt Ion:173 Resp: 8212
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

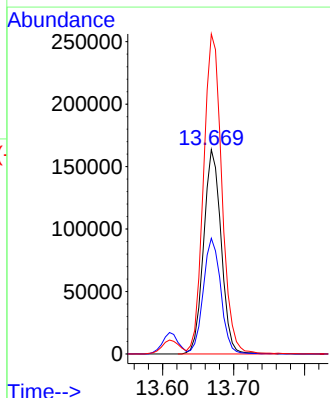
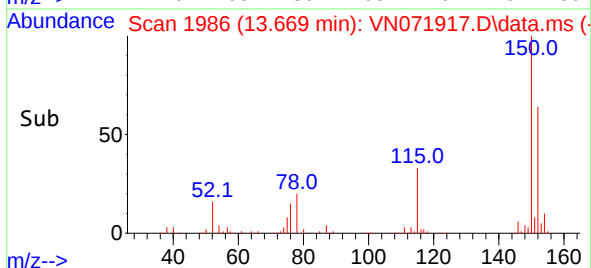
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion:152 Resp: 280517
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 164.1 0.0 356.2





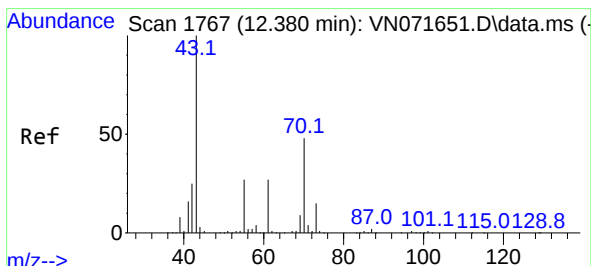
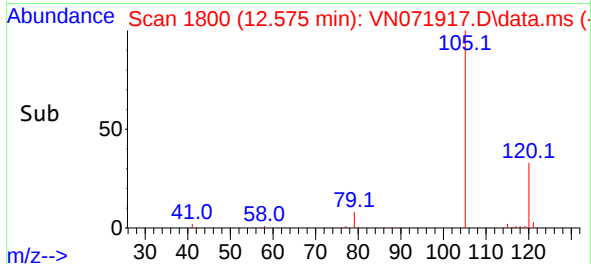
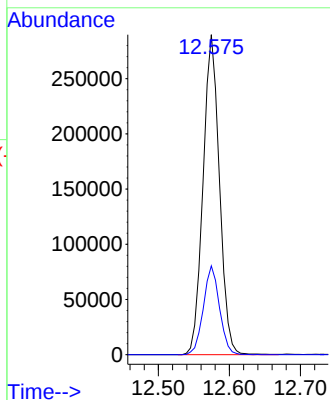
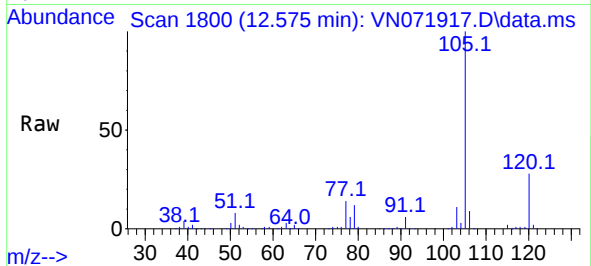
#73
Isopropylbenzene
Concen: 19.694 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:105 Resp: 46553
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

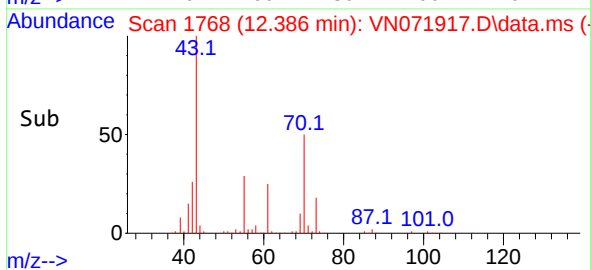
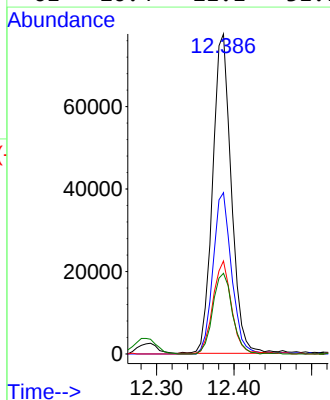
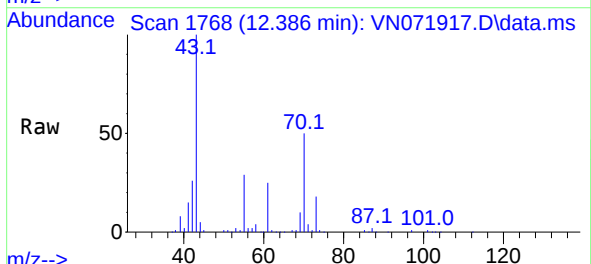
Manual Integrations
APPROVED

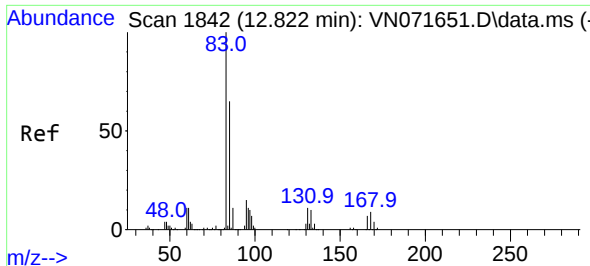
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#74
N-ethyl acetate
Concen: 19.111 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

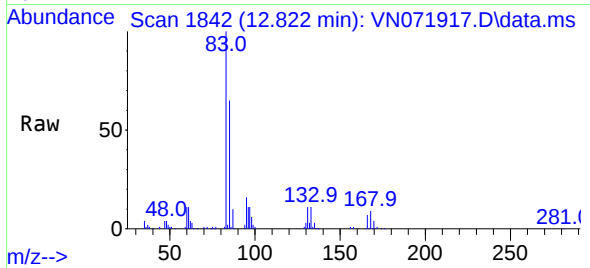
Tgt Ion: 43 Resp: 129439
Ion Ratio Lower Upper
43 100
70 50.7 39.0 58.4
55 29.2 21.1 31.7
61 26.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.417 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

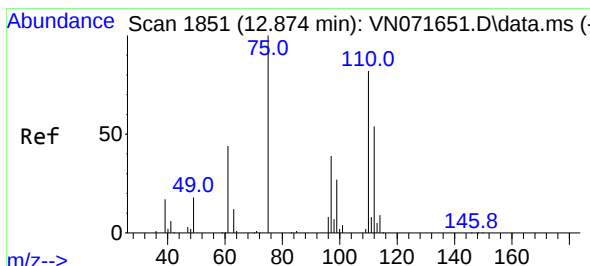
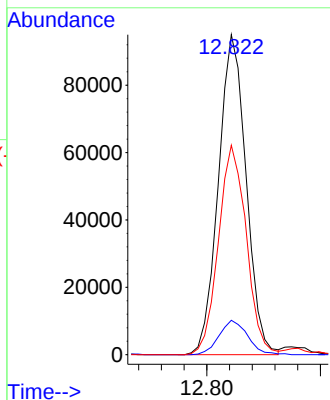
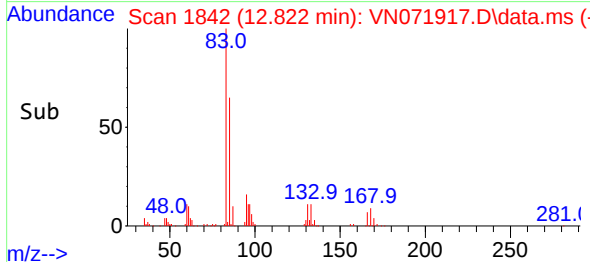
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



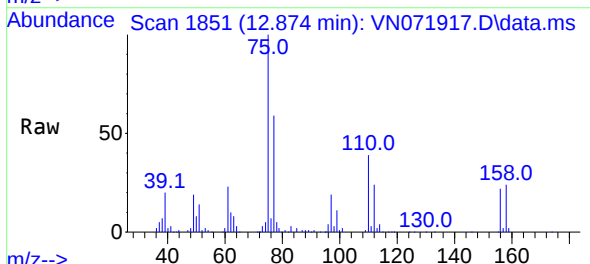
Tgt Ion: 83 Resp: 161034
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 65.8 32.3 96.9

Manual Integrations
APPROVED

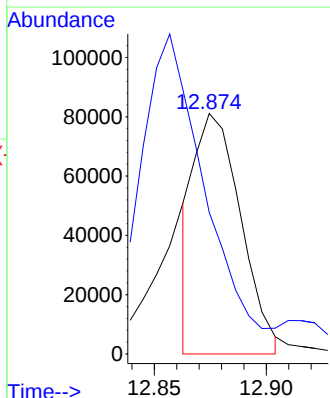
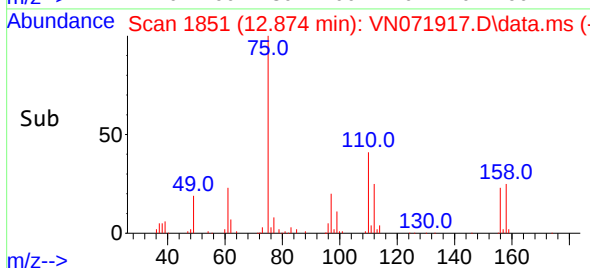
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

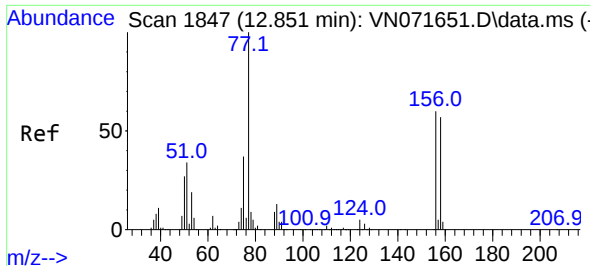


#76
1,2,3-Trichloropropane
Concen: 18.052 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 75 Resp: 117306
Ion Ratio Lower Upper
75 100
77 189.0 98.5 295.5





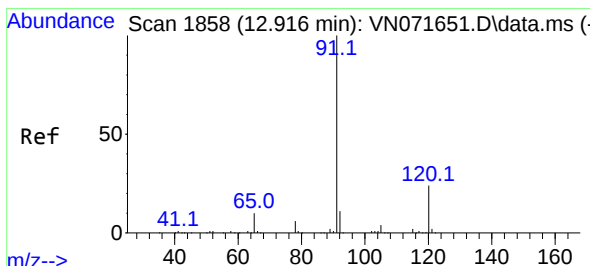
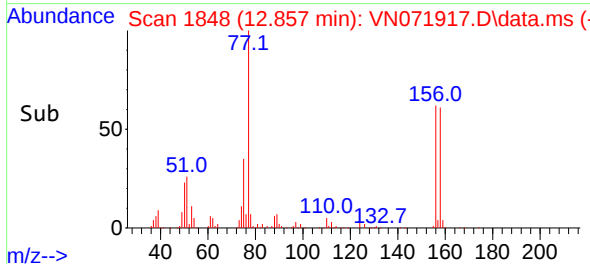
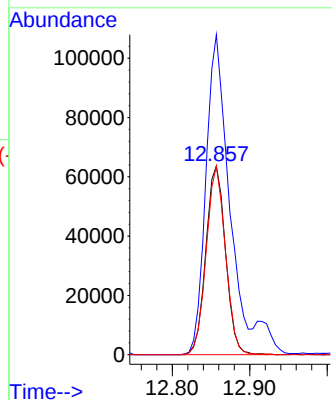
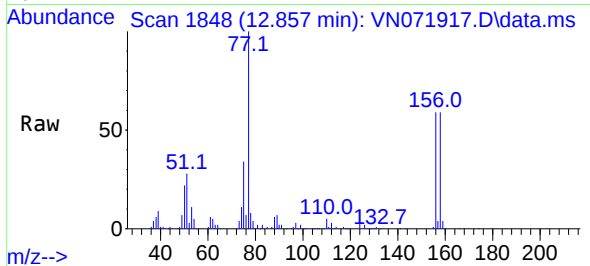
#77
Bromobenzene
Concen: 18.949 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:156 Resp: 11228
Ion Ratio Lower Upper
156 100
77 197.5 100.5 301.5
158 97.8 48.9 146.6

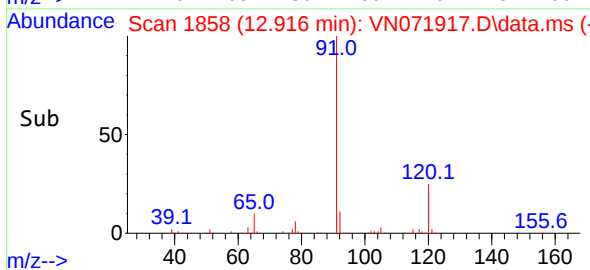
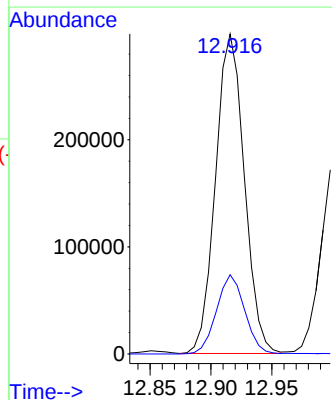
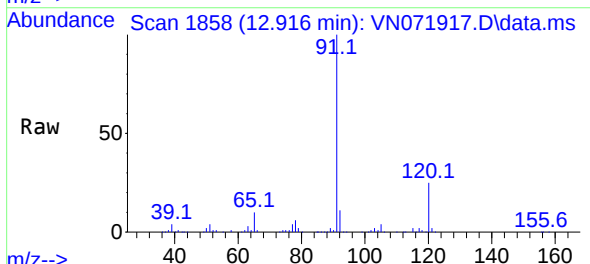
Manual Integrations
APPROVED

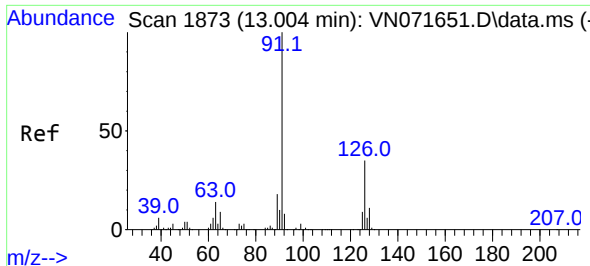
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#78
n-propylbenzene
Concen: 19.721 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

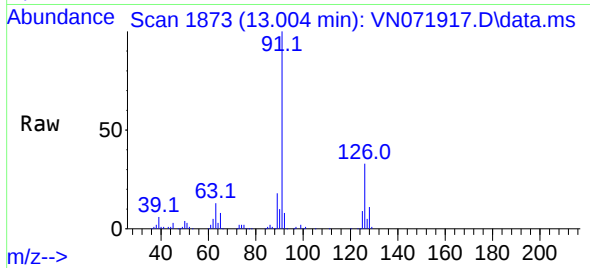
Tgt Ion: 91 Resp: 490363
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.647 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

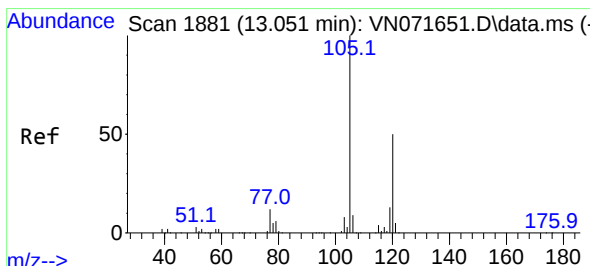
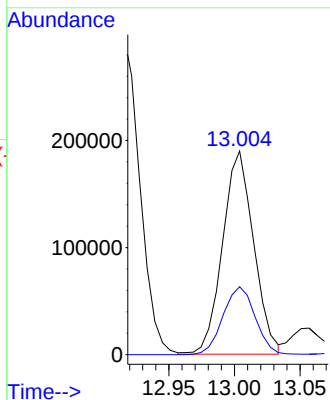
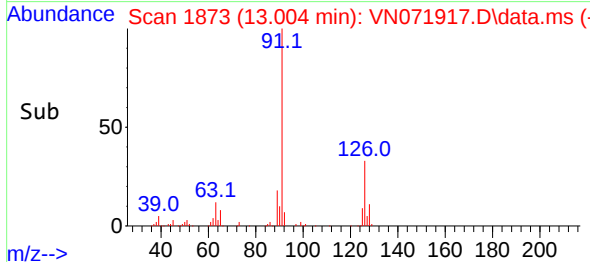
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



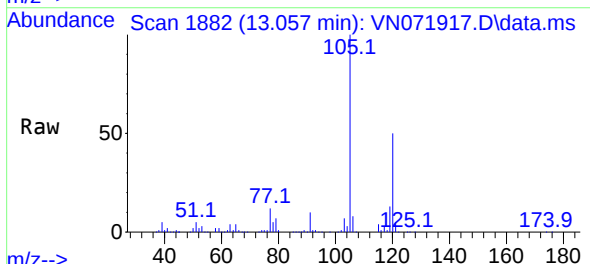
Tgt Ion: 91 Resp: 313298
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

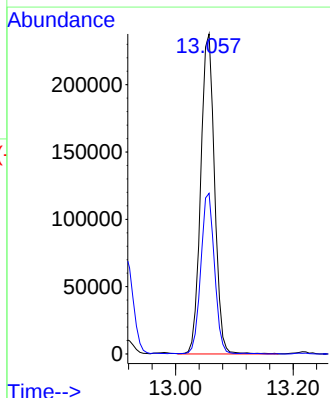
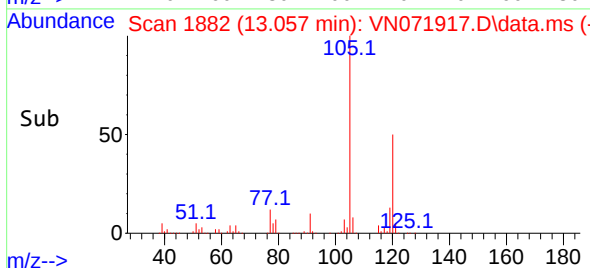
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

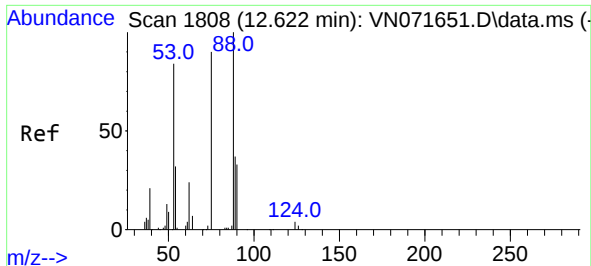


#80
1,3,5-Trimethylbenzene
Concen: 20.671 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



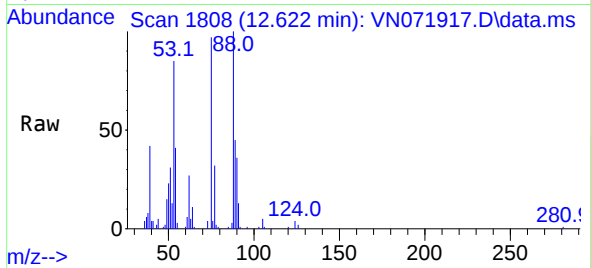
Tgt Ion:105 Resp: 387156
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.793 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

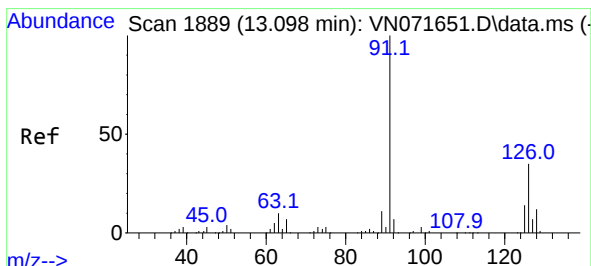
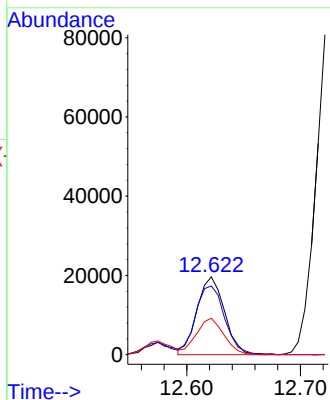
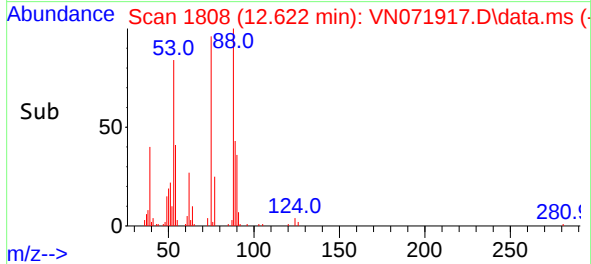
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



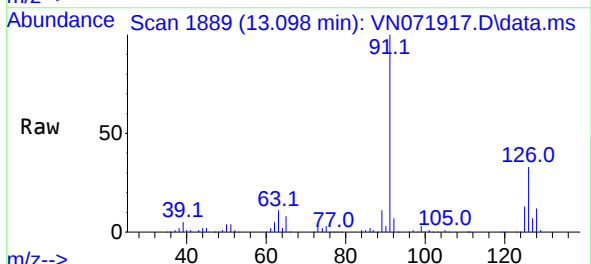
Tgt Ion: 75 Resp: 3311
Ion Ratio Lower Upper
75 100
53 93.0 78.0 117.0
89 47.1 37.2 55.8

Manual Integrations
APPROVED

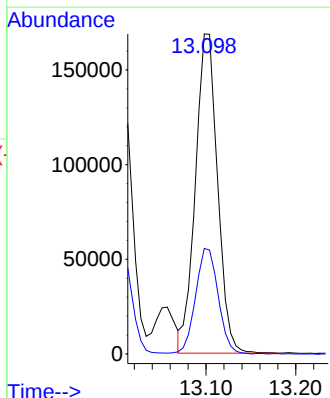
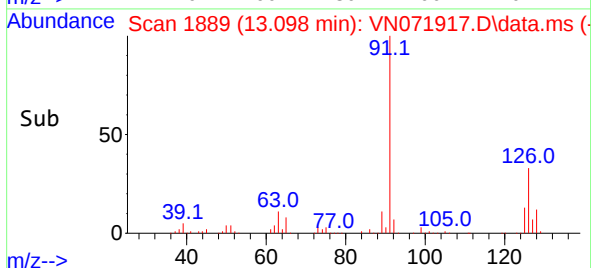
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

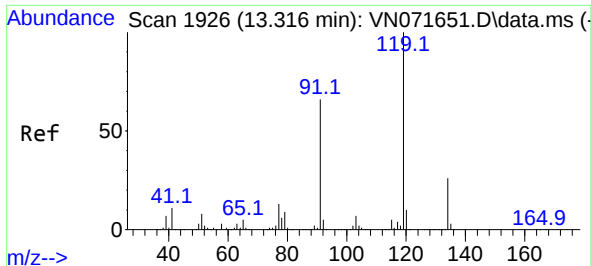


#82
4-Chlorotoluene
Concen: 19.533 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion: 91 Resp: 288718
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





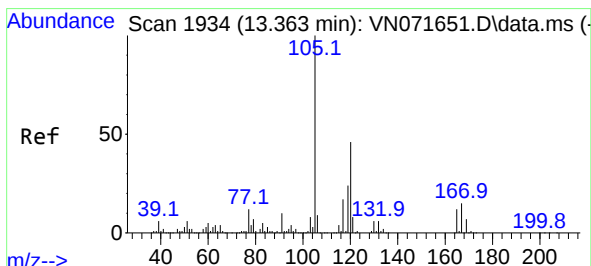
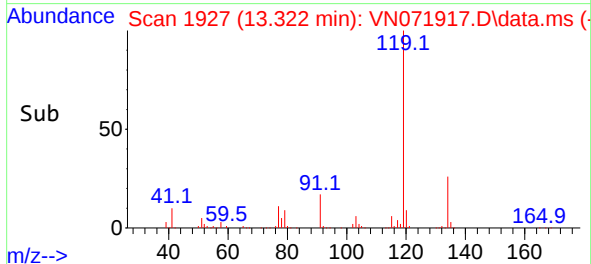
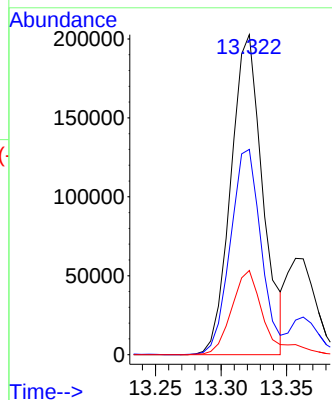
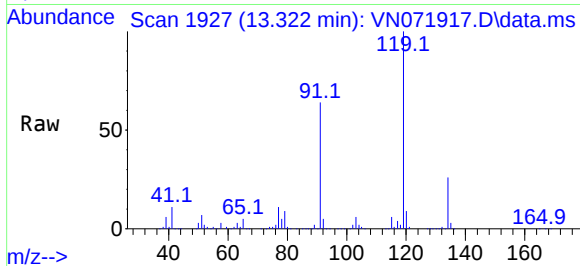
#83
tert-Butylbenzene
Concen: 19.994 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:119 Resp: 34229
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 27.0 13.7 41.1

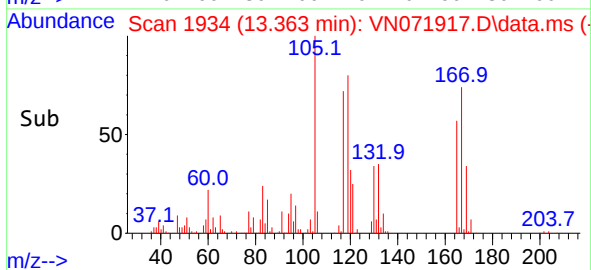
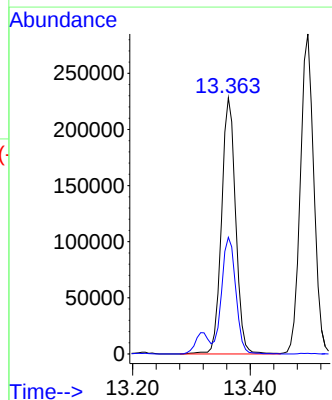
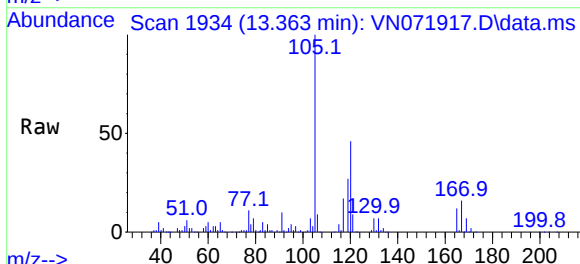
Manual Integrations
APPROVED

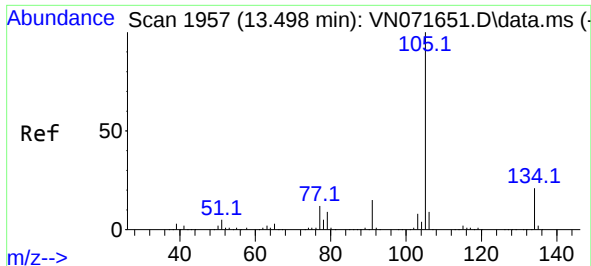
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.796 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

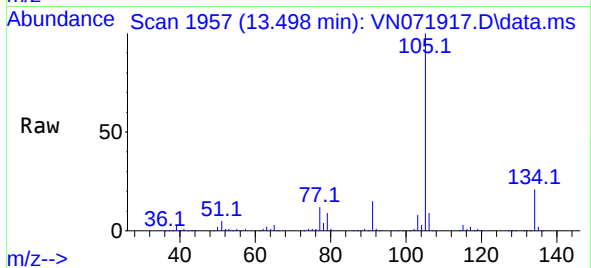
Tgt Ion:105 Resp: 380031
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.462 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071917.D
 Acq: 08 Apr 2022 16:09

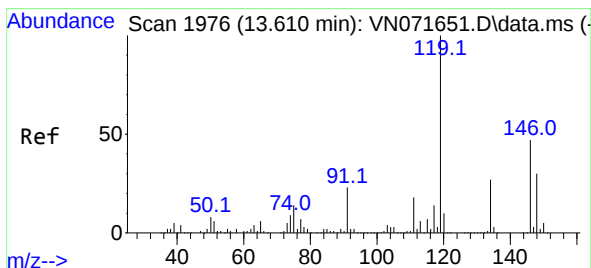
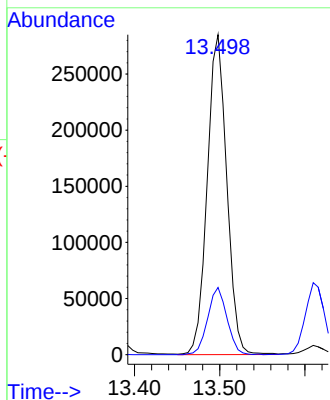
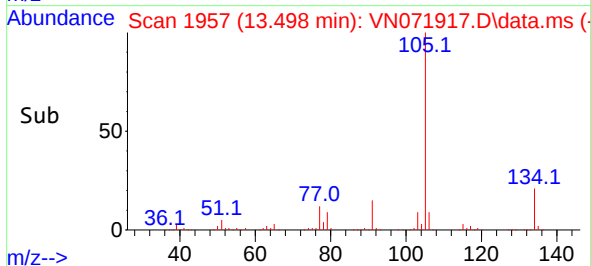
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS02



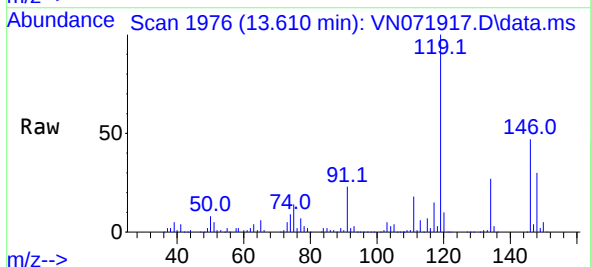
Tgt Ion:105 Resp: 454120
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
 APPROVED

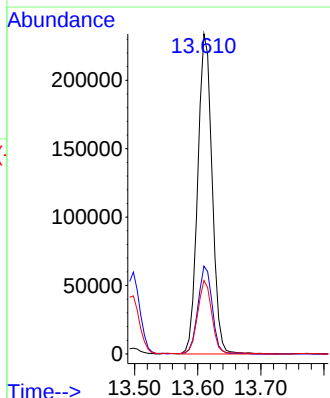
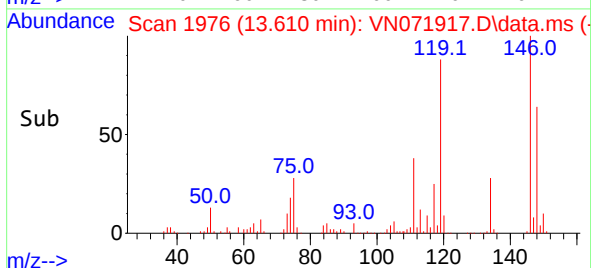
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

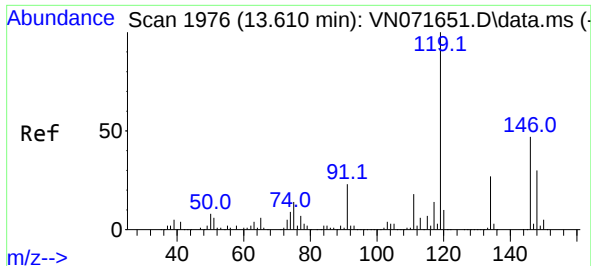


#86
 p-Isopropyltoluene
 Concen: 20.897 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071917.D
 Acq: 08 Apr 2022 16:09



Tgt Ion:119 Resp: 369785
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 23.0 11.3 33.9





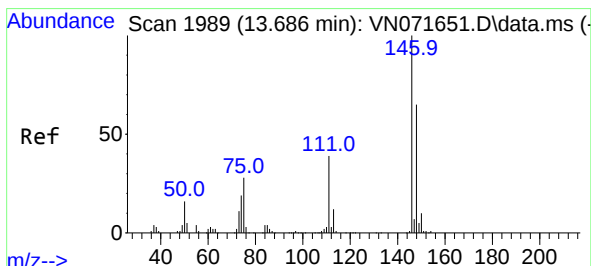
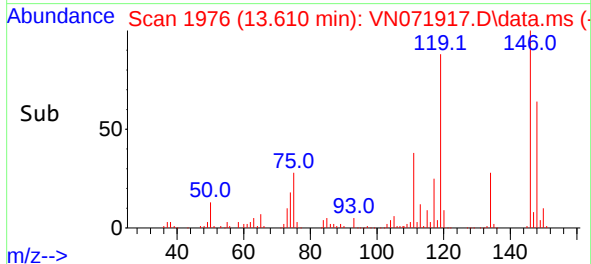
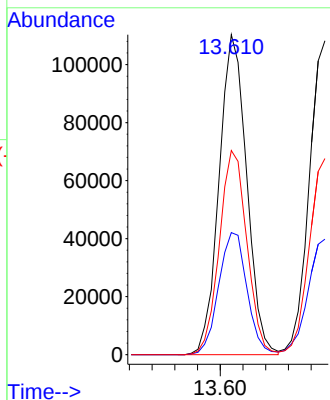
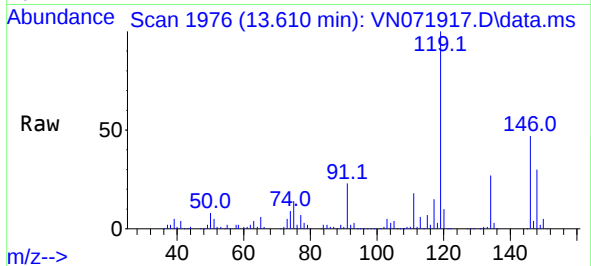
#87
1,3-Dichlorobenzene
Concen: 19.703 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:146 Resp: 186004
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 63.9 32.0 96.0

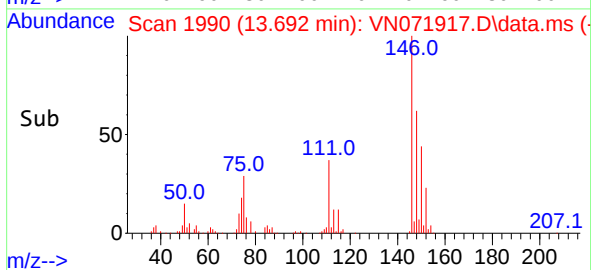
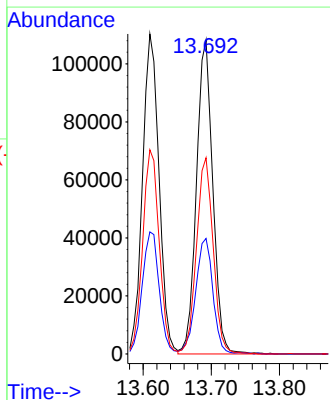
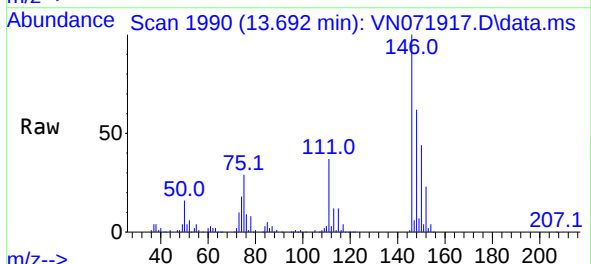
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#88
1,4-Dichlorobenzene
Concen: 19.557 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

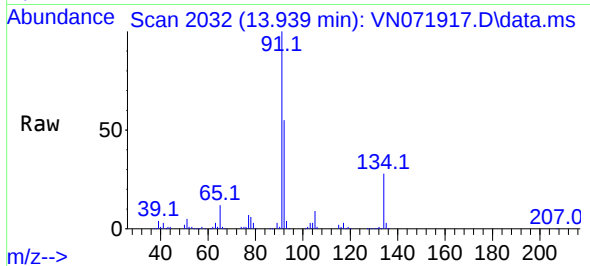
Tgt Ion:146 Resp: 180121
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.9 31.4 94.3





#89
n-Butylbenzene
Concen: 19.535 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

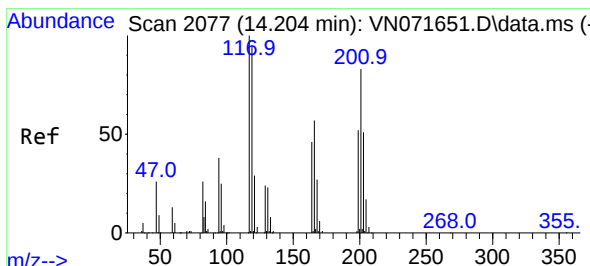
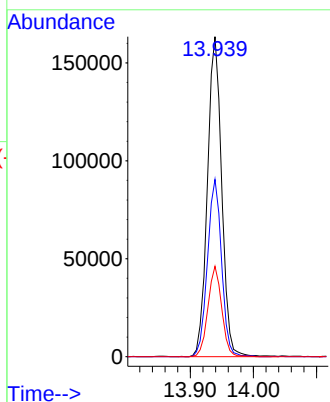
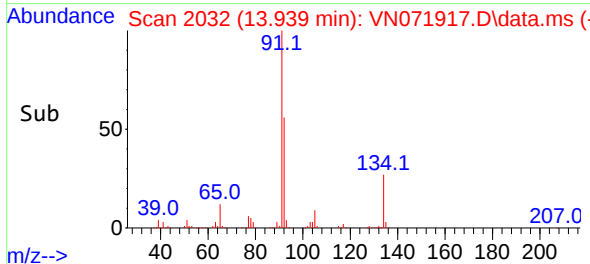
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



Tgt Ion: 91 Resp: 25639
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 27.2 13.6 40.8

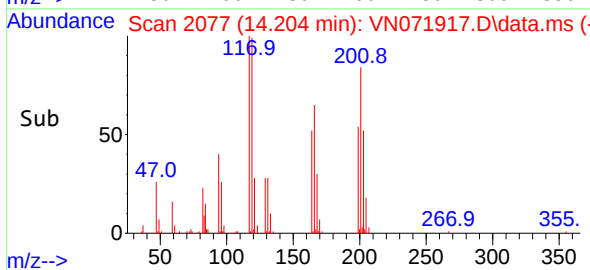
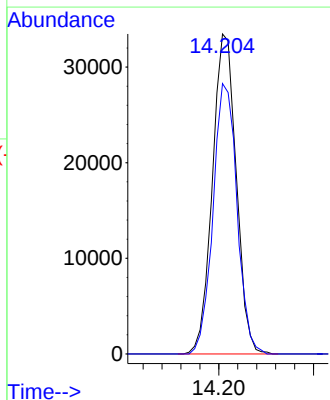
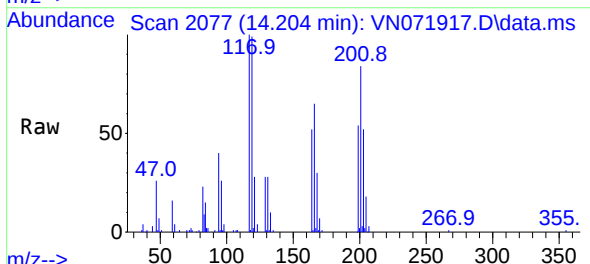
Manual Integrations
APPROVED

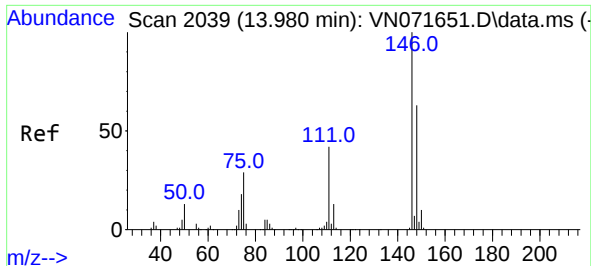
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#90
Hexachloroethane
Concen: 18.055 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Tgt Ion:117 Resp: 58484
Ion Ratio Lower Upper
117 100
201 84.9 40.6 122.0





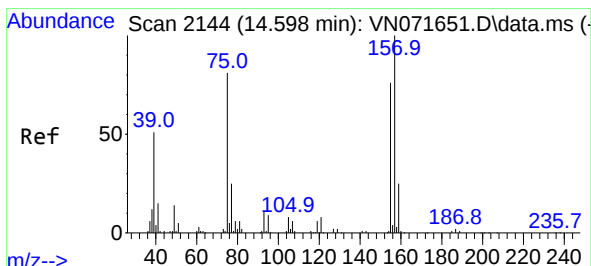
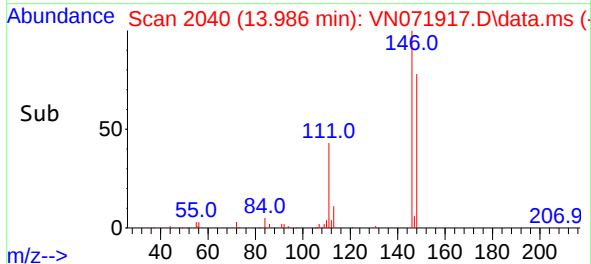
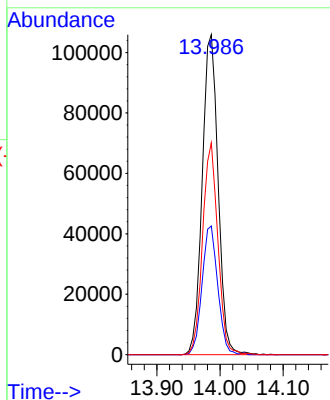
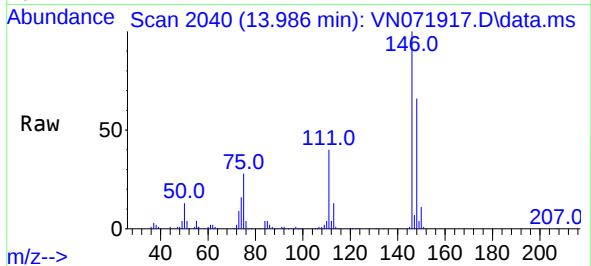
#91
1,2-Dichlorobenzene
Concen: 19.898 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02

Tgt Ion:146 Resp: 184419
Ion Ratio Lower Upper
146 100
111 39.9 20.9 62.8
148 63.8 32.1 96.3

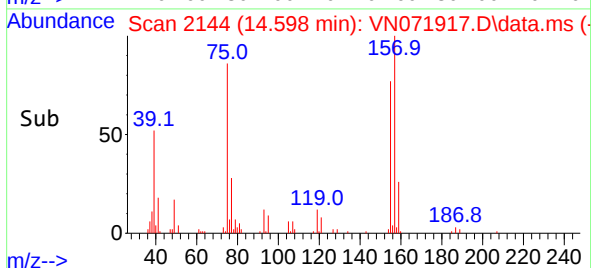
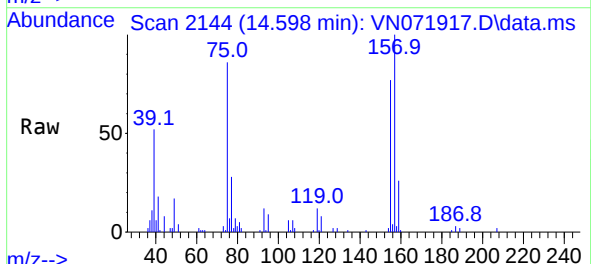
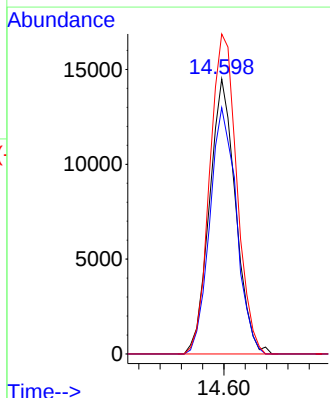
Manual Integrations
APPROVED

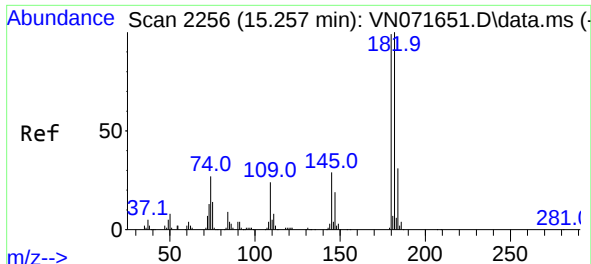
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.225 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

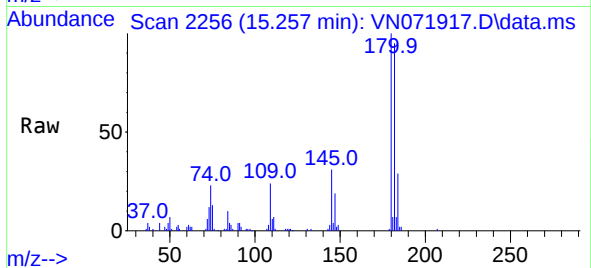
Tgt Ion: 75 Resp: 24743
Ion Ratio Lower Upper
75 100
155 90.8 44.9 134.5
157 119.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.760 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

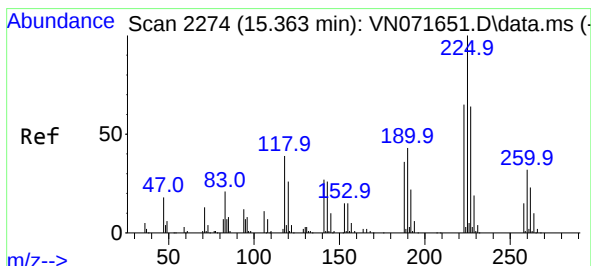
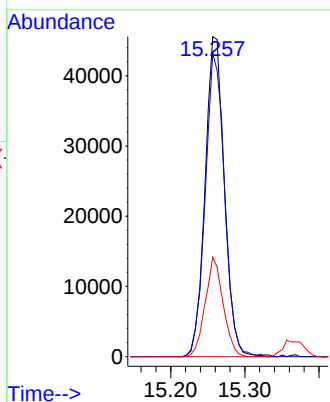
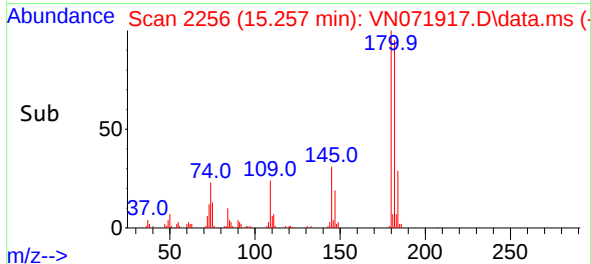
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



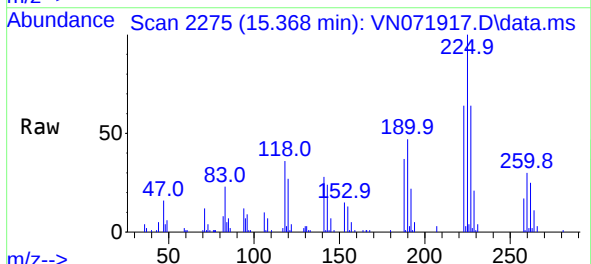
Tgt Ion:180 Resp: 82340
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 29.0 14.5 43.5

Manual Integrations
APPROVED

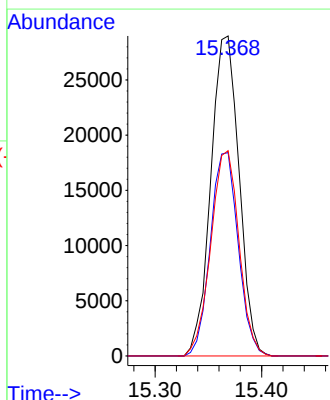
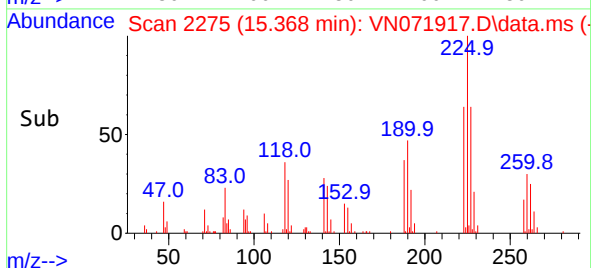
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#94
Hexachlorobutadiene
Concen: 19.529 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



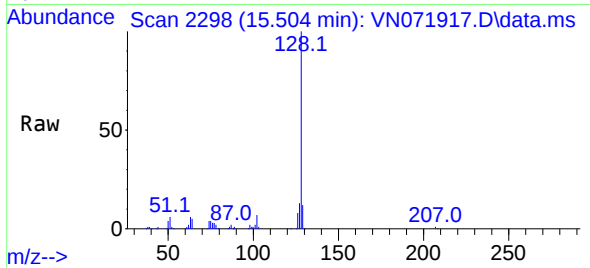
Tgt Ion:225 Resp: 53383
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.2
227 64.0 31.8 95.4





#95
Naphthalene
Concen: 18.672 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09

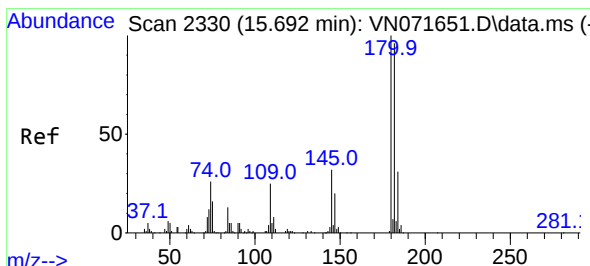
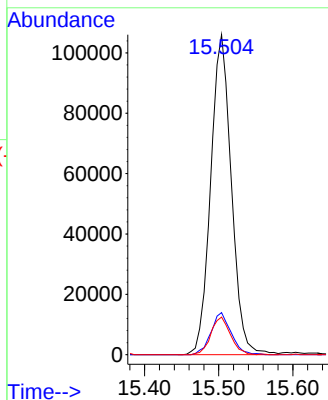
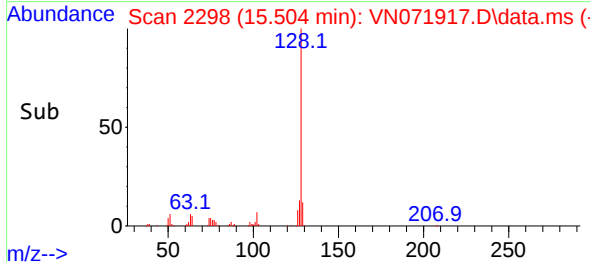
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS02



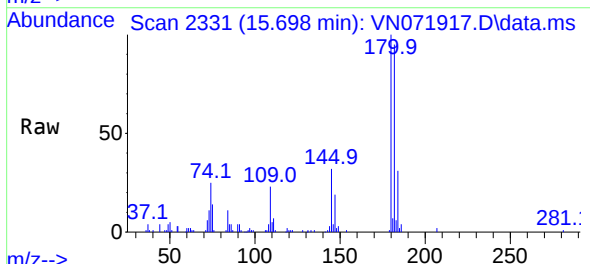
Tgt Ion:128 Resp: 205572
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071917.D
Acq: 08 Apr 2022 16:09



Tgt Ion:180 Resp: 81751
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 31.3 15.5 46.5

