

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071708.D
 Acq On : 31 Mar 2022 16:49
 Operator : JC\MD
 Sample : VN0331WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:37:41 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

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	508291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	818485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	750103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	273353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	339702	58.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.080%			
35) Dibromofluoromethane	8.022	113	274426	56.978	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.960%			
50) Toluene-d8	10.439	98	1115478	56.616	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.240%			
62) 4-Bromofluorobenzene	12.727	95	344863	54.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	87200	21.579	ug/l	99
3) Chloromethane	2.299	50	107362	20.967	ug/l	96
4) Vinyl Chloride	2.440	62	116884	20.786	ug/l	99
5) Bromomethane	2.846	94	78210	21.395	ug/l	97
6) Chloroethane	3.016	64	77121	19.064	ug/l	93
7) Trichlorofluoromethane	3.375	101	148855	20.806	ug/l	94
8) Diethyl Ether	3.822	74	67433	22.303	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	91980	20.863	ug/l	99
10) Methyl Iodide	4.428	142	128012	20.771	ug/l	99
11) Tert butyl alcohol	5.357	59	113308	120.324	ug/l	99
12) 1,1-Dichloroethene	4.187	96	85920	20.479	ug/l	91
13) Acrolein	4.040	56	118149	102.899	ug/l	95
14) Allyl chloride	4.840	41	142698	20.955	ug/l	97
15) Acrylonitrile	5.551	53	329411	120.347	ug/l	99
16) Acetone	4.287	43	255271	102.937	ug/l	96
17) Carbon Disulfide	4.534	76	184277	19.143	ug/l	99
18) Methyl Acetate	4.863	43	143781	22.583	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	349184	22.403	ug/l	99
20) Methylene Chloride	5.099	84	111788	21.387	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	93375	20.274	ug/l	98
22) Diisopropyl ether	6.493	45	331643	22.371	ug/l	97
23) Vinyl Acetate	6.434	43	1388377	117.772	ug/l	99
24) 1,1-Dichloroethane	6.393	63	188839	21.699	ug/l	98
25) 2-Butanone	7.334	43	414182	115.853	ug/l	100
26) 2,2-Dichloropropane	7.328	77	149304	19.971	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	122494	21.689	ug/l	97
28) Bromochloromethane	7.657	49	75706	21.565	ug/l	99
29) Tetrahydrofuran	7.681	42	280600	121.215	ug/l	99
30) Chloroform	7.816	83	196377	21.370	ug/l	100
31) Cyclohexane	8.092	56	155901	19.756	ug/l #	96
32) 1,1,1-Trichloroethane	8.010	97	165892	21.102	ug/l	99
36) 1,1-Dichloropropene	8.222	75	139050	20.674	ug/l	98
37) Ethyl Acetate	7.404	43	176151	23.928	ug/l	99
38) Carbon Tetrachloride	8.204	117	135663	20.581	ug/l	97
39) Methylcyclohexane	9.457	83	157961	19.730	ug/l	99
40) Benzene	8.457	78	446956	21.037	ug/l	98

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Quant Time: Apr 01 01:37:41 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	82772	22.963	ug/l	93
42) 1,2-Dichloroethane	8.528	62	157383	21.414	ug/l	99
43) Isopropyl Acetate	8.557	43	258869	21.141	ug/l	99
44) Trichloroethene	9.216	130	111255	20.325	ug/l	99
45) 1,2-Dichloropropane	9.492	63	115516	21.764	ug/l	95
46) Dibromomethane	9.575	93	78718	21.843	ug/l	98
47) Bromodichloromethane	9.757	83	157069	22.141	ug/l	97
48) Methyl methacrylate	9.557	41	117878	23.204	ug/l	98
49) 1,4-Dioxane	9.563	88	53607	437.026	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	828870	117.738	ug/l	99
52) Toluene	10.504	92	287717	21.423	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	159794	21.492	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	179332	21.830	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	121576	21.995	ug/l	97
56) Ethyl methacrylate	10.757	69	180521	22.893	ug/l	97
57) 1,3-Dichloropropane	11.039	76	203186	21.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	191460	90.482	ug/l	99
59) 2-Hexanone	11.081	43	588751	118.783	ug/l	99
60) Dibromochloromethane	11.233	129	122812	22.787	ug/l	99
61) 1,2-Dibromoethane	11.339	107	120687	22.181	ug/l	98
64) Tetrachloroethene	10.975	164	96846	19.552	ug/l	96
65) Chlorobenzene	11.769	112	306003	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	115732	21.354	ug/l	99
67) Ethyl Benzene	11.839	91	527559	20.748	ug/l	99
68) m/p-Xylenes	11.951	106	402350	41.185	ug/l	98
69) o-Xylene	12.275	106	202686	20.902	ug/l	98
70) Styrene	12.292	104	313991	21.371	ug/l	99
71) Bromoform	12.457	173	90003	21.807	ug/l #	100
73) Isopropylbenzene	12.575	105	509416	22.115	ug/l	99
74) N-amyl acetate	12.386	43	153987	23.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	183751	23.908	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	134744m	21.278	ug/l	
77) Bromobenzene	12.857	156	124471	21.556	ug/l	99
78) n-propylbenzene	12.916	91	534071	22.041	ug/l	99
79) 2-Chlorotoluene	13.004	91	345574	22.239	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	418685	22.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46371	22.693	ug/l	99
82) 4-Chlorotoluene	13.104	91	304865	21.166	ug/l	99
83) tert-Butylbenzene	13.322	119	364867	21.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	405446	22.769	ug/l	98
85) sec-Butylbenzene	13.498	105	479660	22.179	ug/l	99
86) p-Isopropyltoluene	13.610	119	382189	22.164	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	195465	21.247	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	188855	21.042	ug/l	98
89) n-Butylbenzene	13.939	91	261731	20.465	ug/l	99
90) Hexachloroethane	14.210	117	73473	23.276	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	194962	21.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30072	25.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	85139	20.840	ug/l	98
94) Hexachlorobutadiene	15.368	225	53341	20.026	ug/l	99
95) Naphthalene	15.504	128	219625	20.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82786	21.110	ug/l	99

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

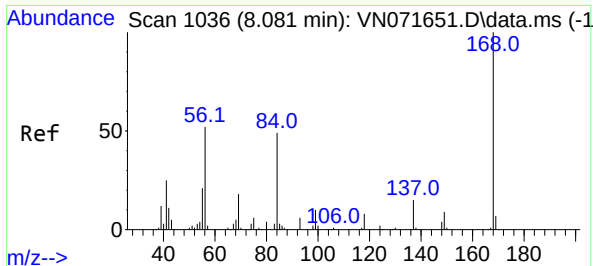
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/01/2022
Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:37:41 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

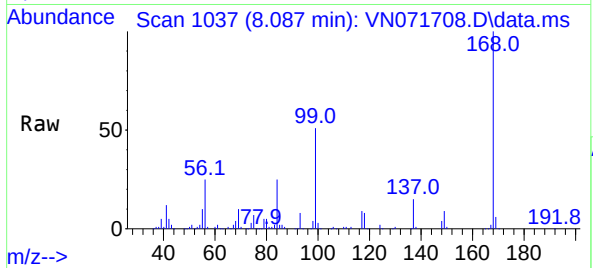
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

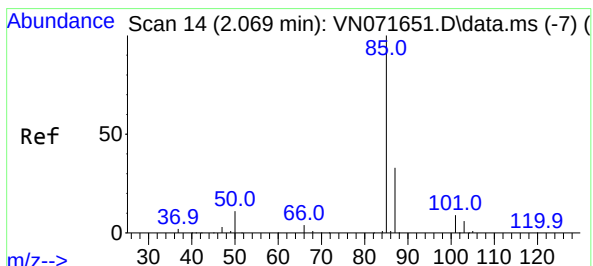
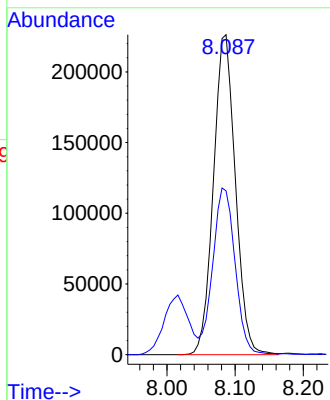
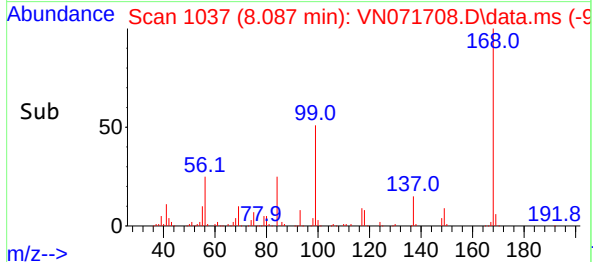
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



Tgt Ion:168 Resp: 50829
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5

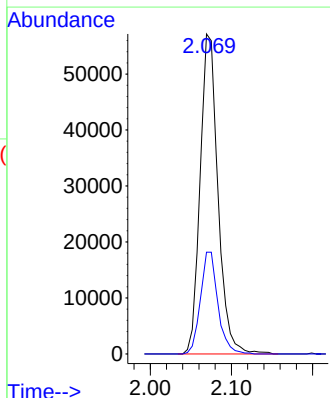
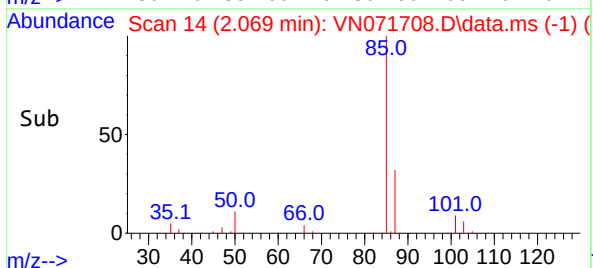
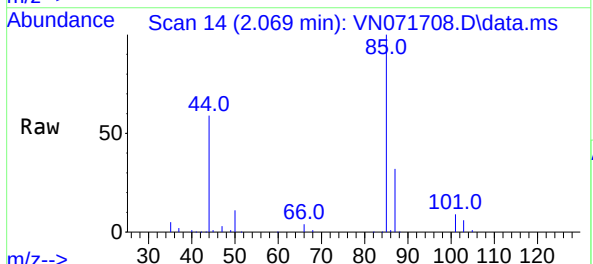
Manual Integrations
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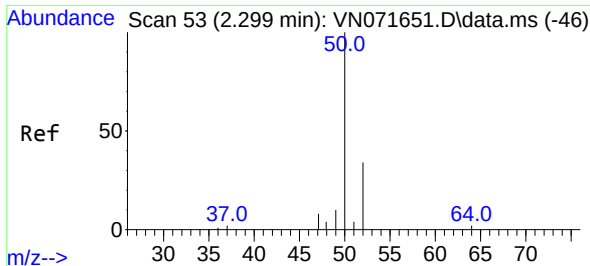
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



Dichlorodifluoromethane
Concen: 21.579 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

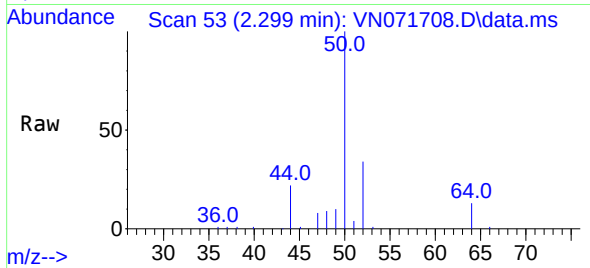
Tgt Ion: 85 Resp: 87200
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 20.967 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

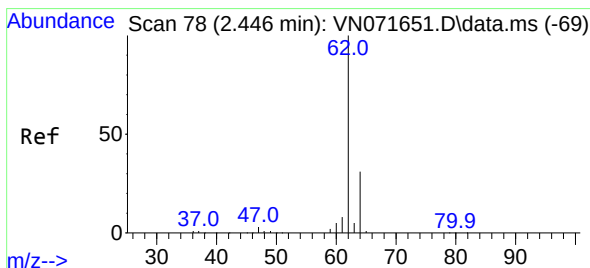
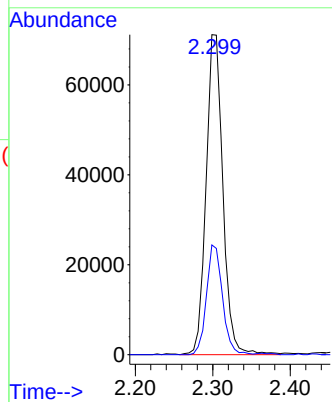
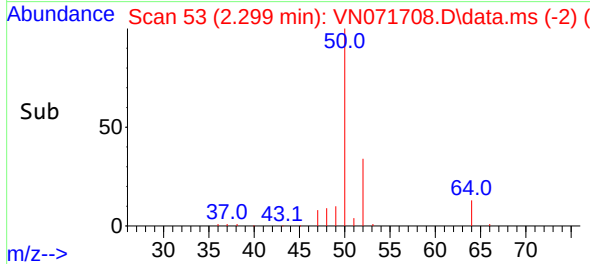
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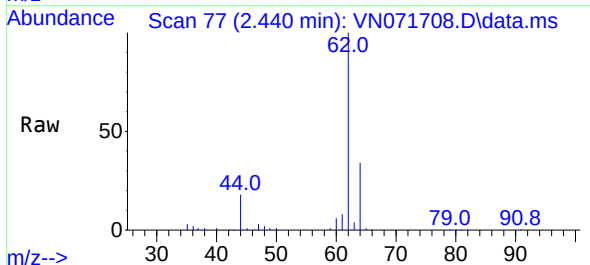
Tgt Ion: 50 Resp: 107362
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

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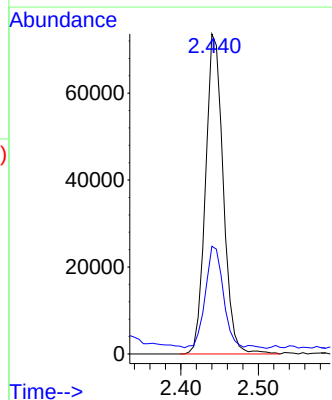
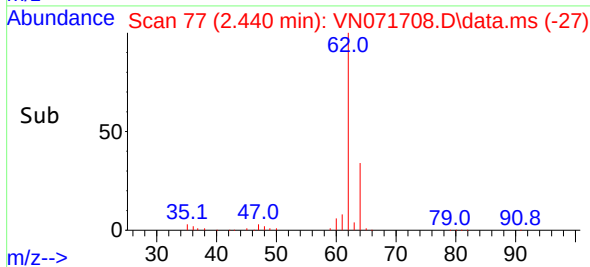
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

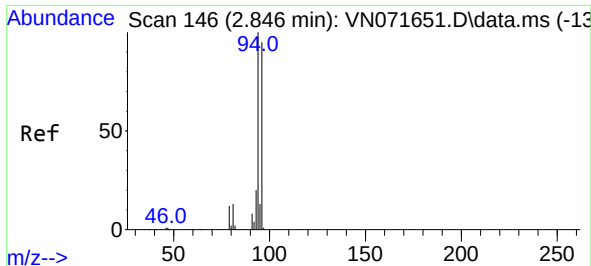


#4
Vinyl Chloride
Concen: 20.786 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



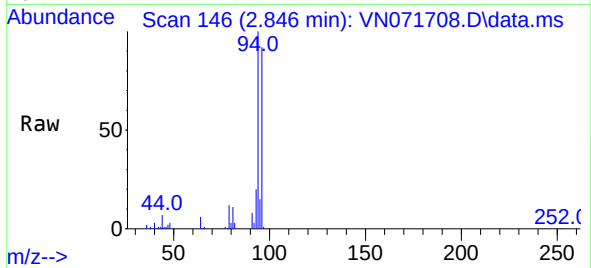
Tgt Ion: 62 Resp: 116884
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.4





#5
Bromomethane
Concen: 21.395 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

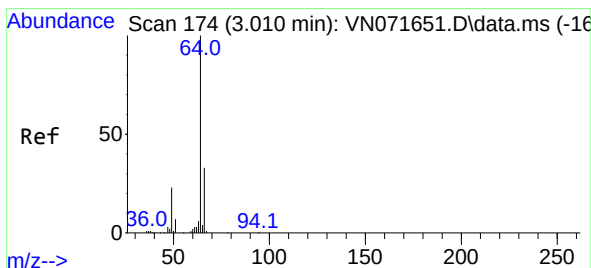
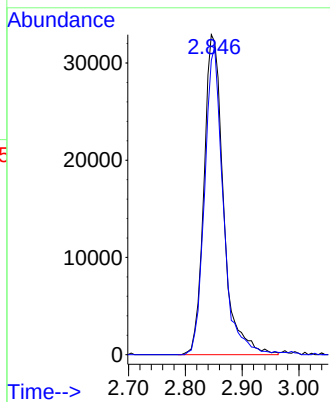
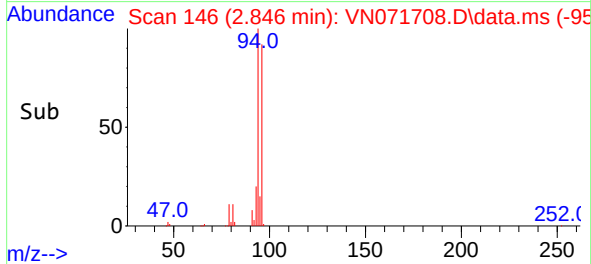
Instrument :
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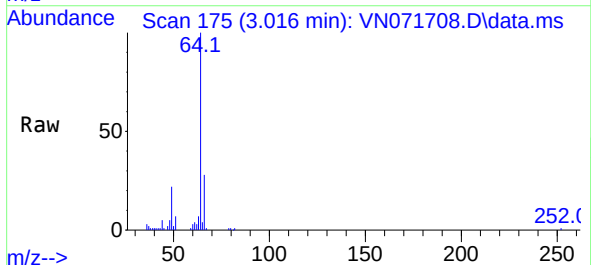
Tgt Ion: 94 Resp: 78210
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

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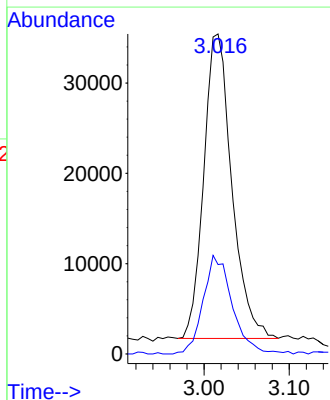
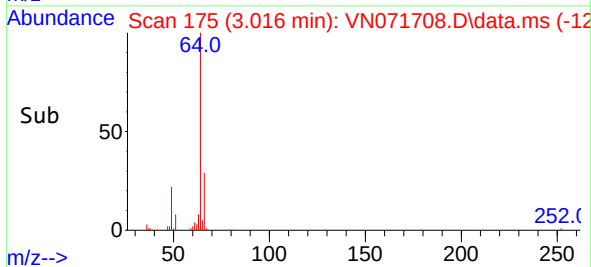
Reviewed By :John Carlone 04/01/2022
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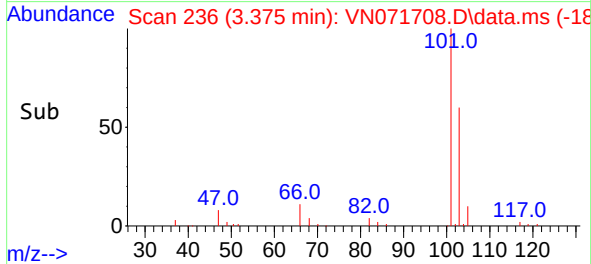
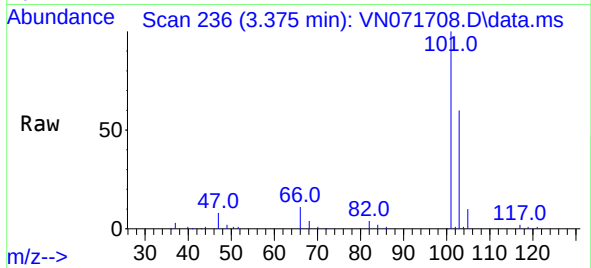
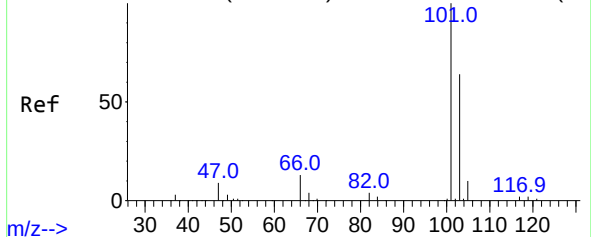
#6
Chloroethane
Concen: 19.064 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 64 Resp: 77121
Ion Ratio Lower Upper
64 100
66 28.8 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 20.806 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Tgt Ion:101 Resp: 14885

Ion Ratio Lower Upper

101 100

103 60.0 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

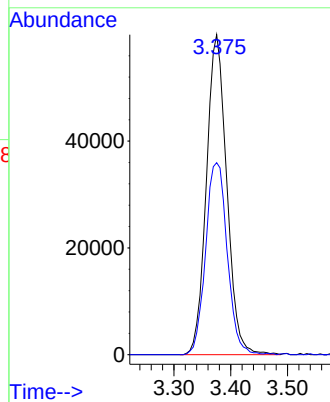
VN0331WBSD02

Manual Integrations

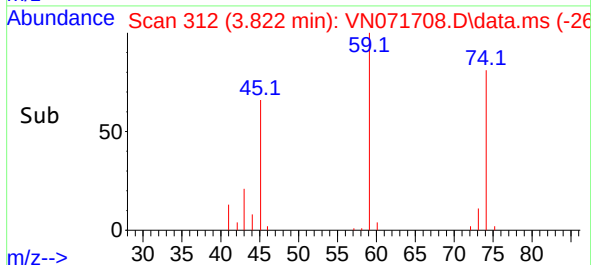
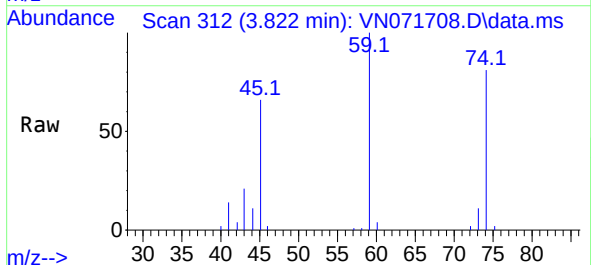
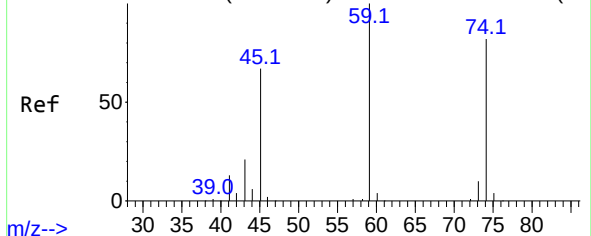
APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 22.303 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071708.D

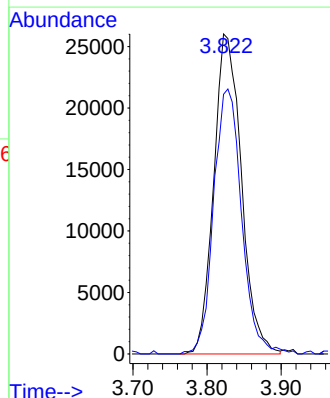
Acq: 31 Mar 2022 16:49

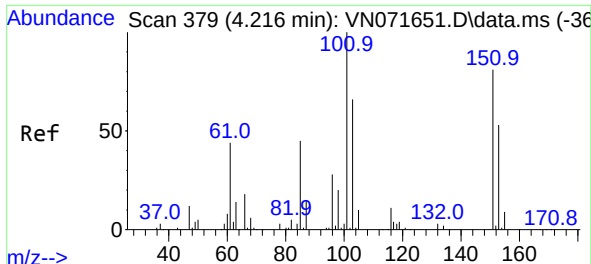
Tgt Ion: 74 Resp: 67433

Ion Ratio Lower Upper

74 100

45 83.8 42.9 128.5





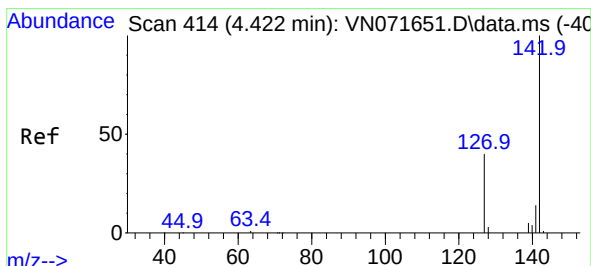
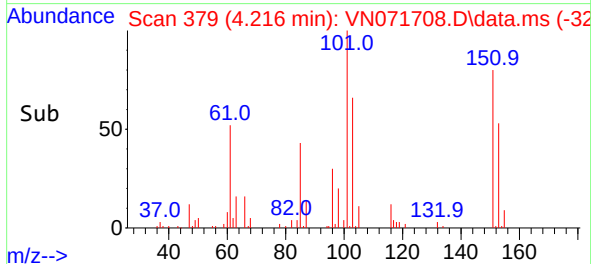
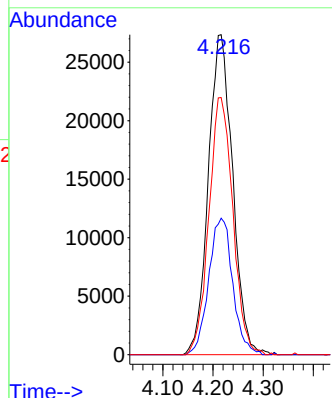
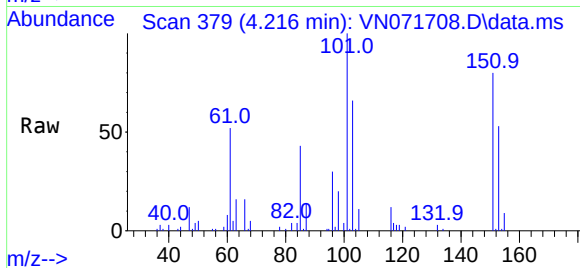
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.863 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion:101 Resp: 91980
Ion Ratio Lower Upper
101 100
85 42.2 34.7 52.1
151 79.5 63.0 94.4

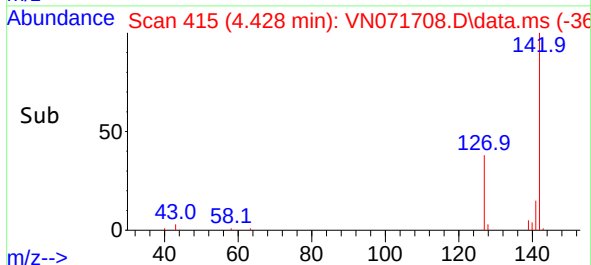
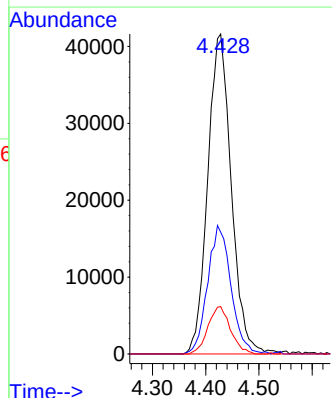
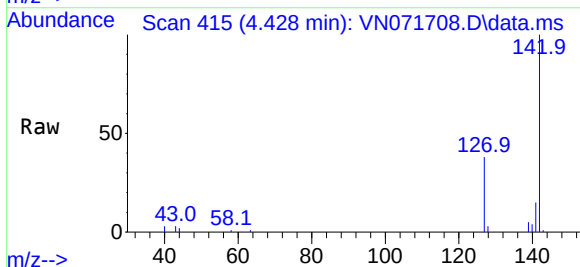
Manual Integrations
APPROVED

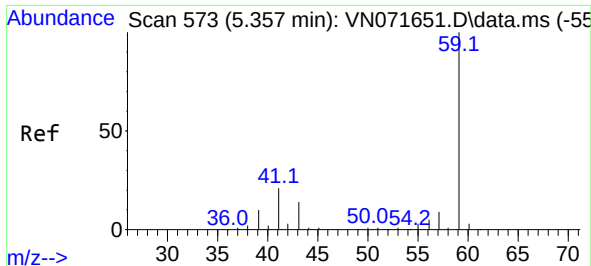
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 20.771 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

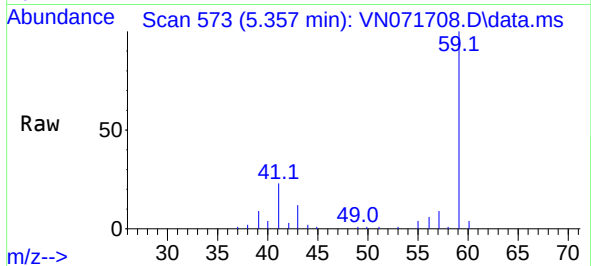
Tgt Ion:142 Resp: 128012
Ion Ratio Lower Upper
142 100
127 39.8 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 120.324 ug/l
RT: 5.357 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

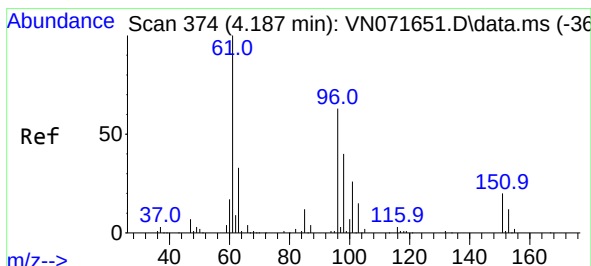
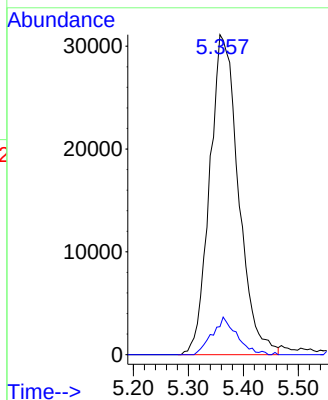
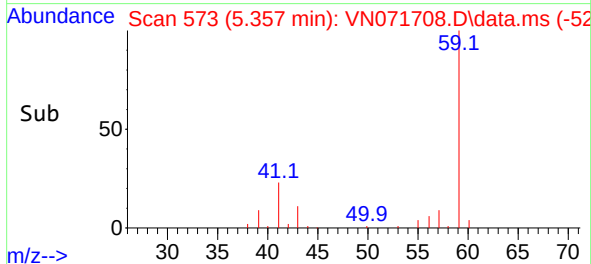
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



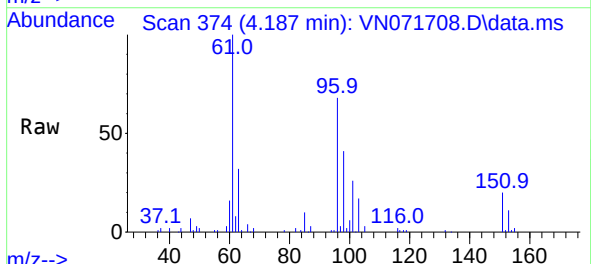
Tgt Ion: 59 Resp: 113308
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

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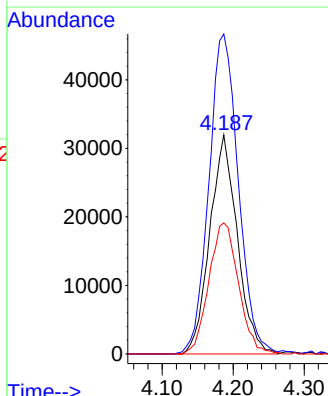
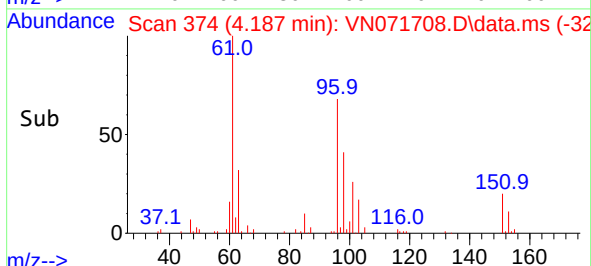
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

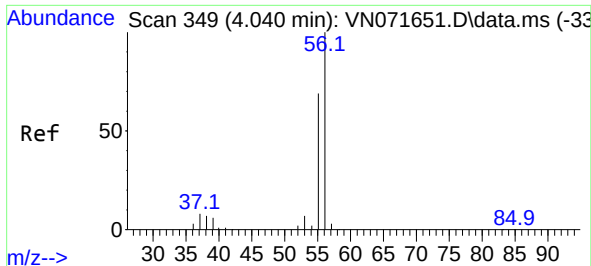


#12
1,1-Dichloroethene
Concen: 20.479 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



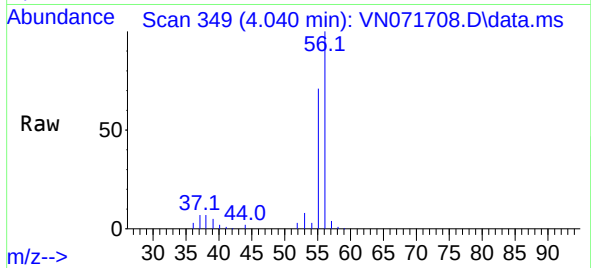
Tgt Ion: 96 Resp: 85920
Ion Ratio Lower Upper
96 100
61 145.6 127.6 191.4
98 59.8 51.2 76.8





#13
Acrolein
Concen: 102.899 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

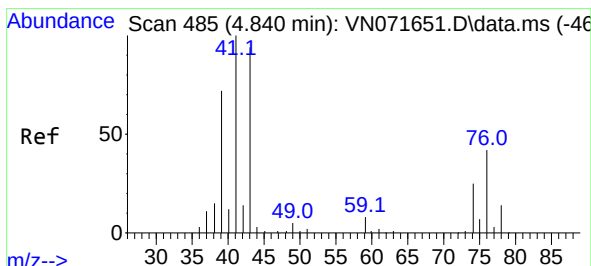
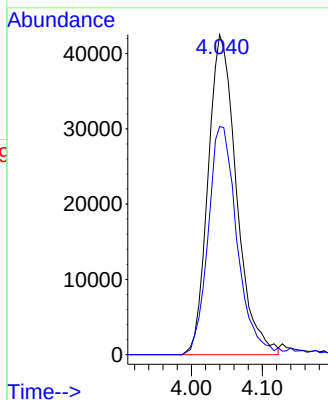
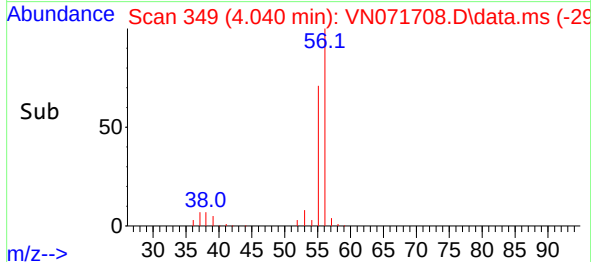
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



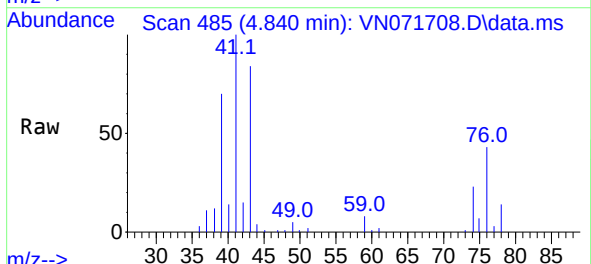
Tgt Ion: 56 Resp: 118149
Ion Ratio Lower Upper
56 100
55 72.5 54.8 82.2

Manual Integrations
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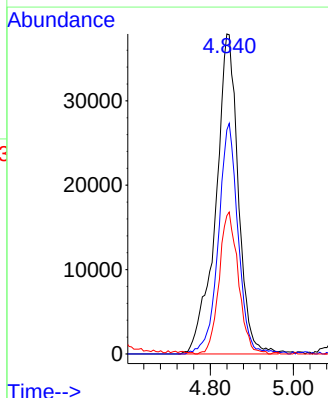
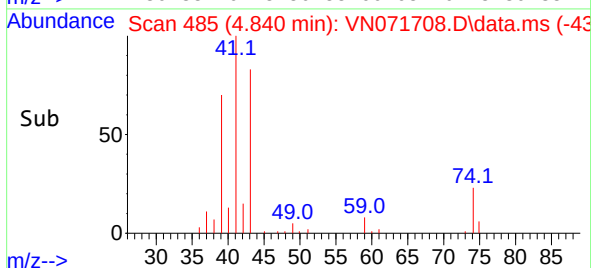
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

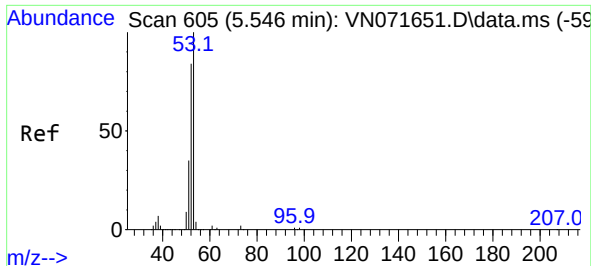


#14
Allyl chloride
Concen: 20.955 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



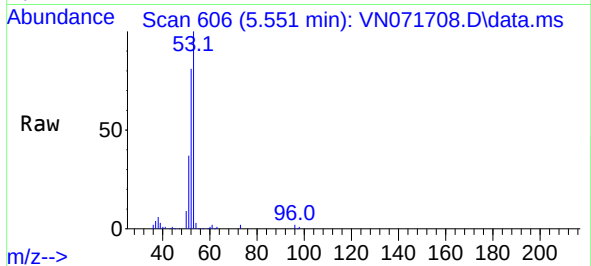
Tgt Ion: 41 Resp: 142698
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 37.8 29.9 44.9





#15
Acrylonitrile
Concen: 120.347 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

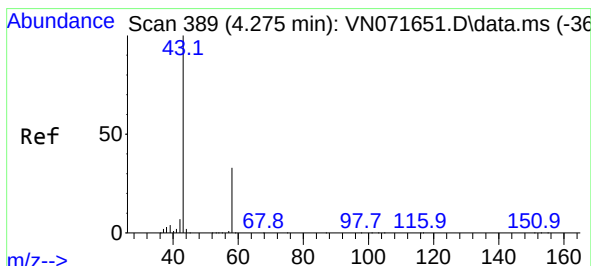
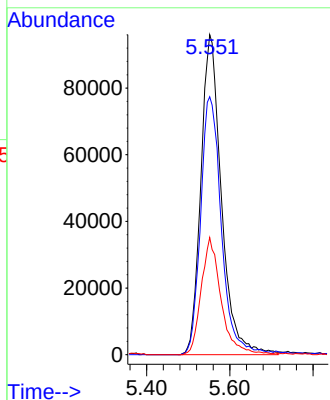
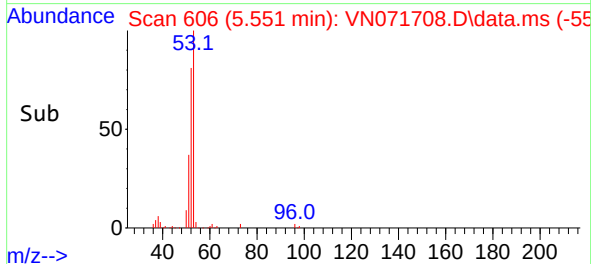
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



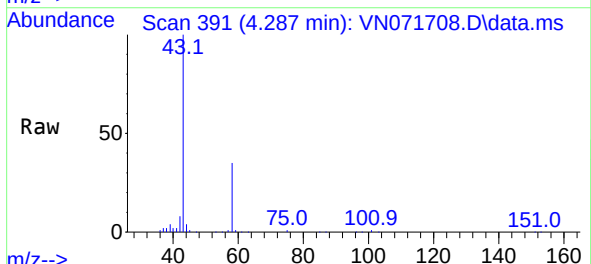
Tgt Ion: 53 Resp: 32941
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

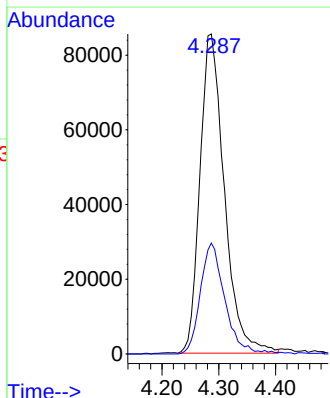
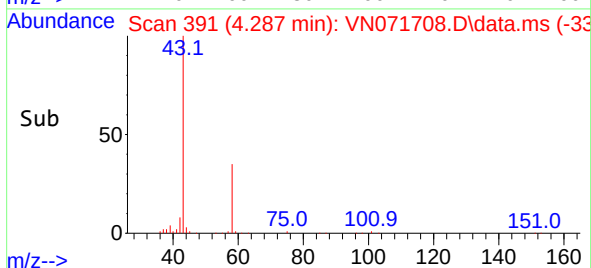
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

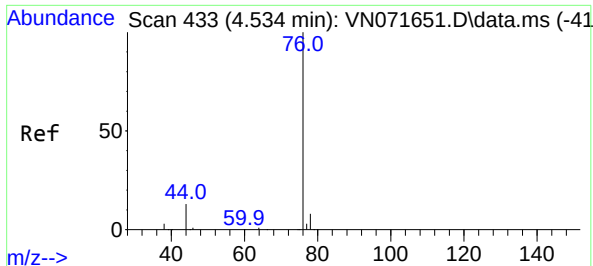


#16
Acetone
Concen: 102.937 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



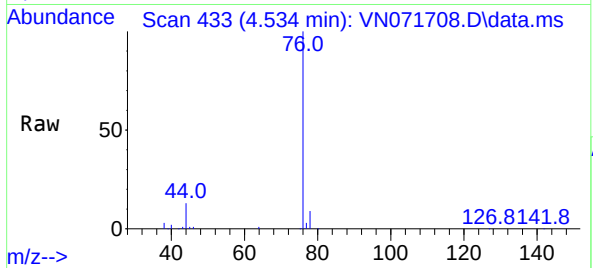
Tgt Ion: 43 Resp: 255271
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0





#17
Carbon Disulfide
Concen: 19.143 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

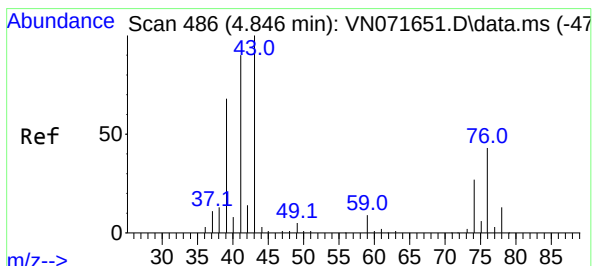
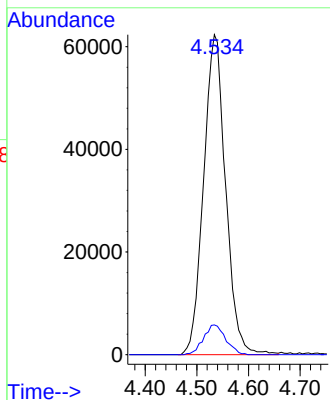
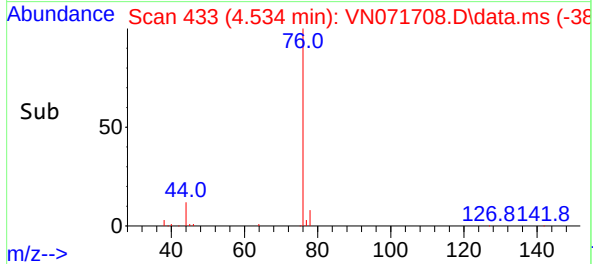
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



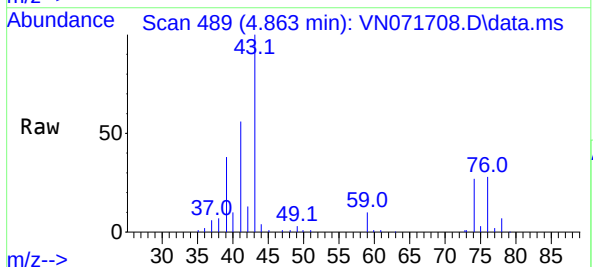
Tgt Ion: 76 Resp: 18427
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
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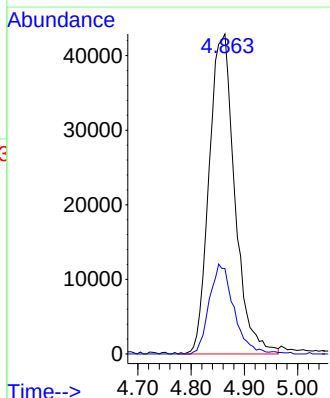
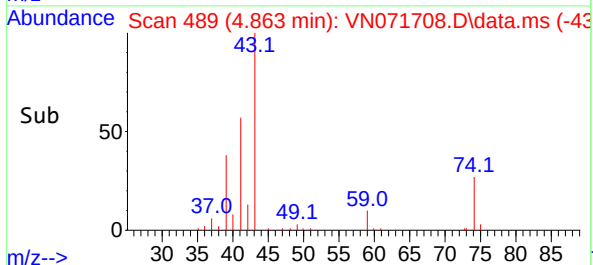
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

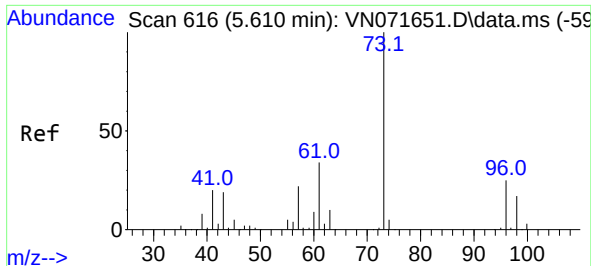


#18
Methyl Acetate
Concen: 22.583 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 43 Resp: 143781
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





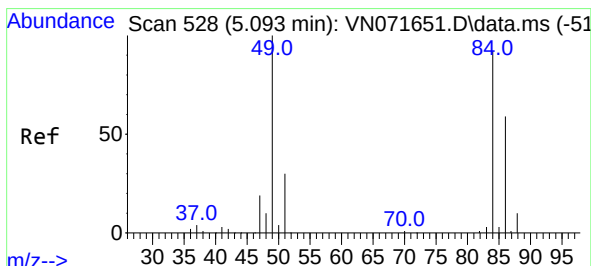
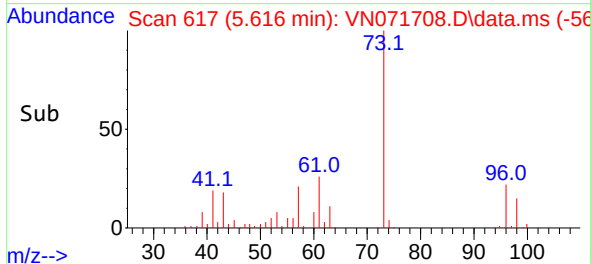
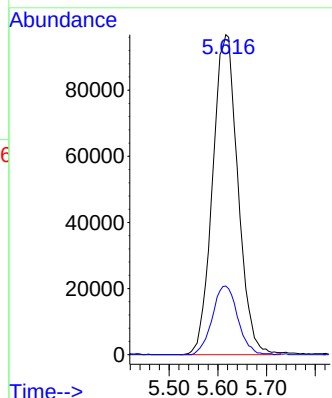
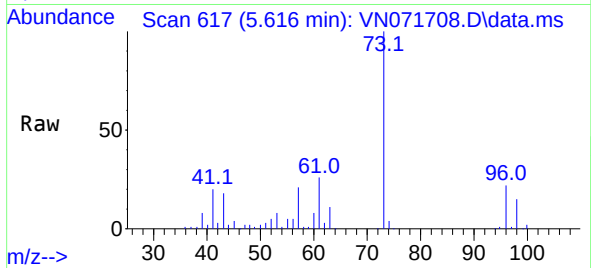
#19
Methyl tert-butyl Ether
Concen: 22.403 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 73 Resp: 349184
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

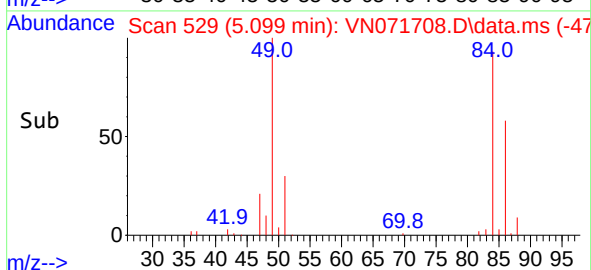
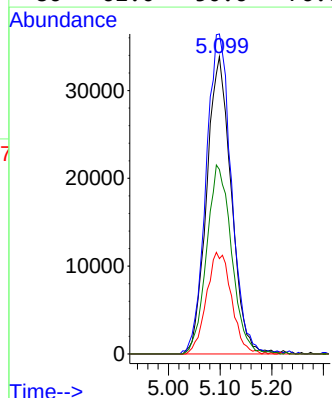
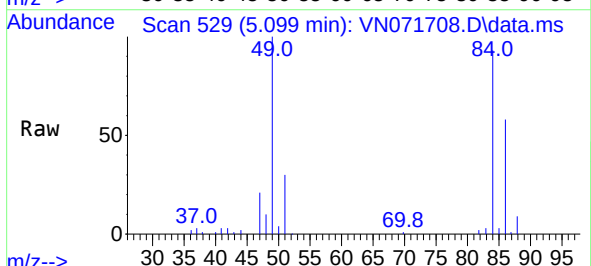
Manual Integrations
APPROVED

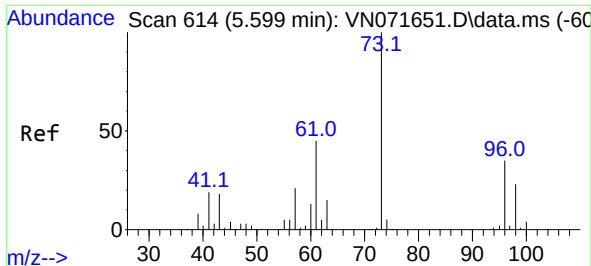
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 21.387 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Tgt Ion: 84 Resp: 111788
Ion Ratio Lower Upper
84 100
49 107.6 88.3 132.5
51 32.1 28.2 42.2
86 62.0 50.6 76.0





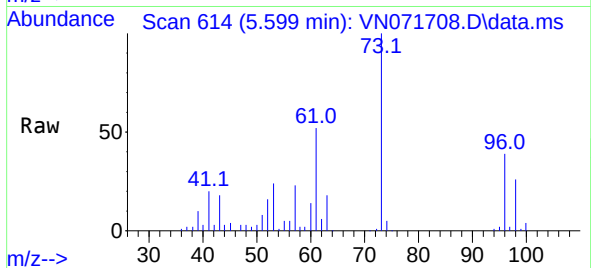
#21
trans-1,2-Dichloroethene
Concen: 20.274 ug/l
RT: 5.599 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02



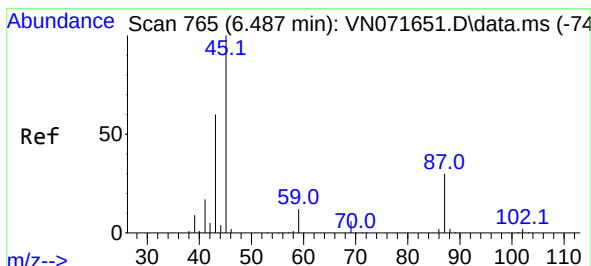
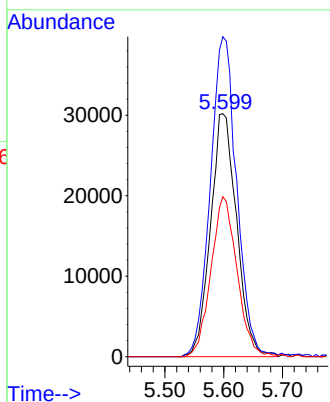
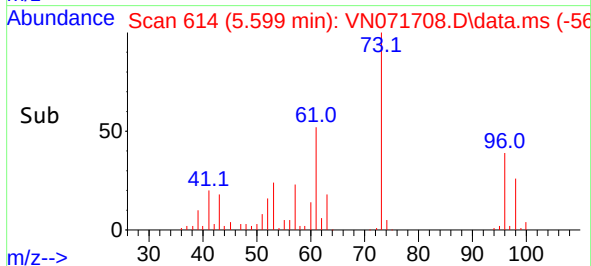
Tgt Ion: 96 Resp: 93375
Ion Ratio Lower Upper
96 100
61 131.6 105.8 158.8
98 65.8 50.3 75.5

Manual Integrations

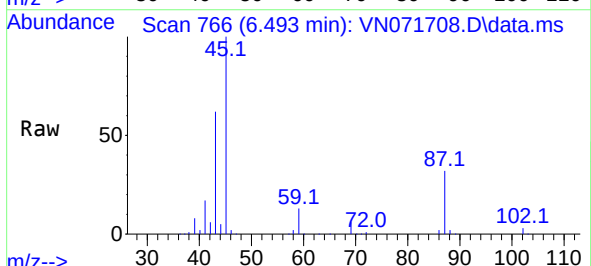
APPROVED

Reviewed By :John Carlone 04/01/2022

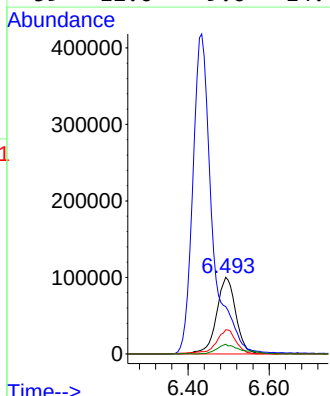
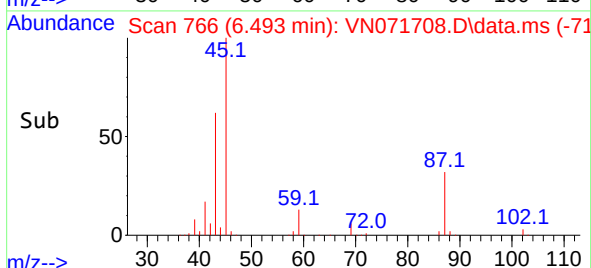
Supervised By :Mahesh Dadoda 04/01/2022

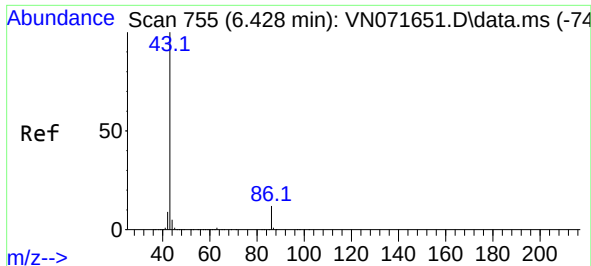


#22
Diisopropyl ether
Concen: 22.371 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 45 Resp: 331643
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 31.6 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 117.772 ug/l
 RT: 6.434 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN071708.D
 Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

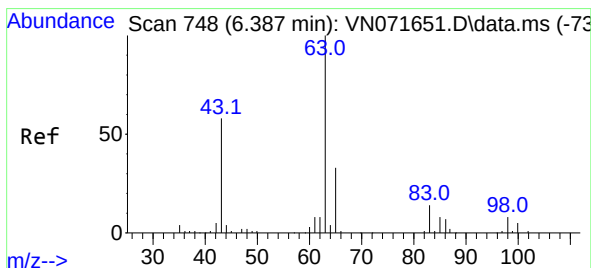
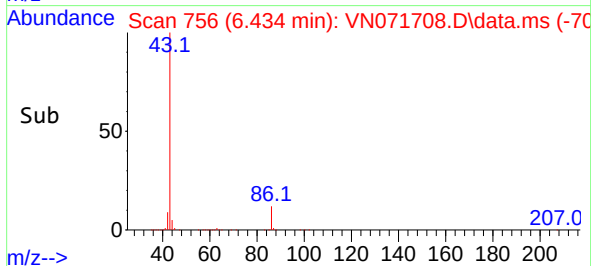
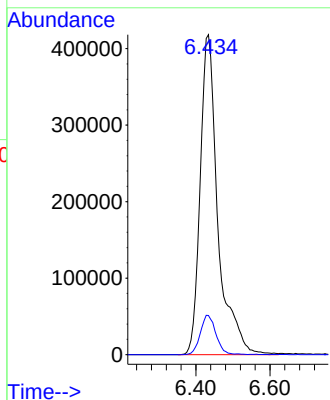
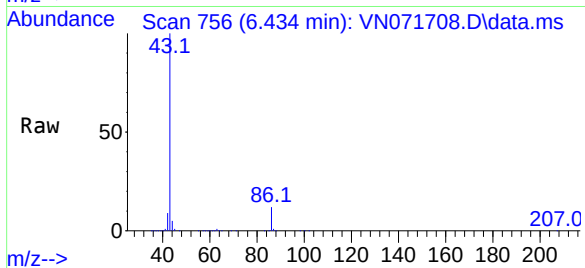
VN0331WBSD02

Tgt Ion: 43 Resp: 138837
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

Manual Integrations

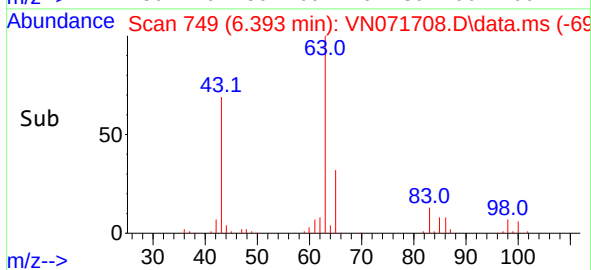
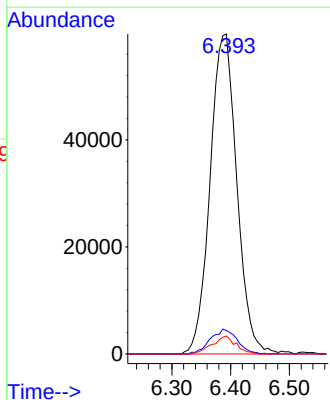
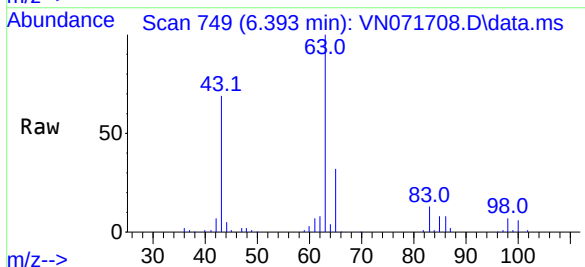
APPROVED

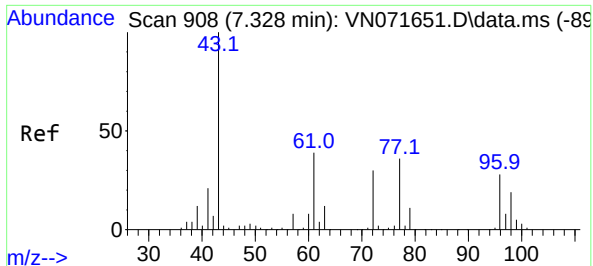
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#24
 1,1-Dichloroethane
 Concen: 21.699 ug/l
 RT: 6.393 min Scan# 749
 Delta R.T. 0.006 min
 Lab File: VN071708.D
 Acq: 31 Mar 2022 16:49

Tgt Ion: 63 Resp: 188839
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 5.6 2.3 6.8





#25

2-Butanone

Concen: 115.853 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071708.D

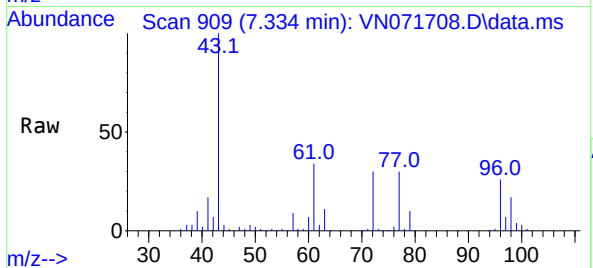
Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02



Tgt Ion: 43 Resp: 41418

Ion Ratio Lower Upper

43 100

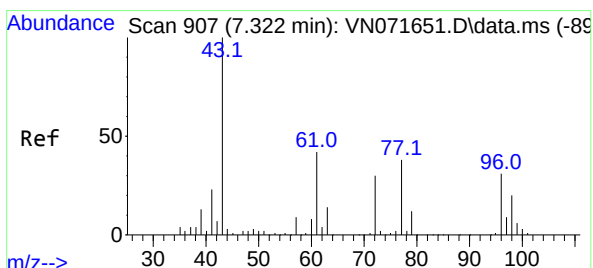
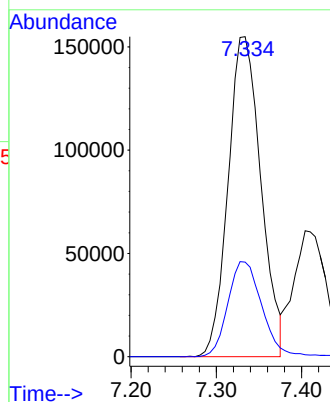
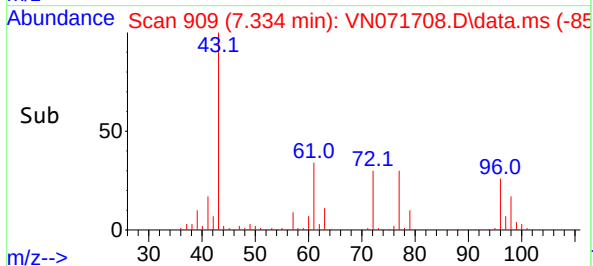
72 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#26

2,2-Dichloropropane

Concen: 19.971 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071708.D

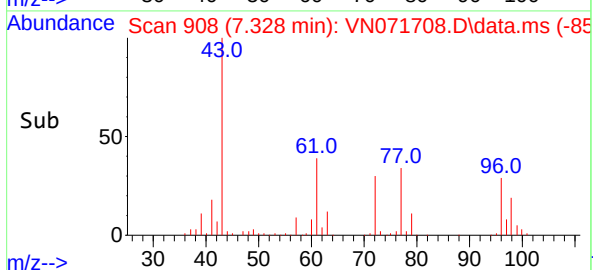
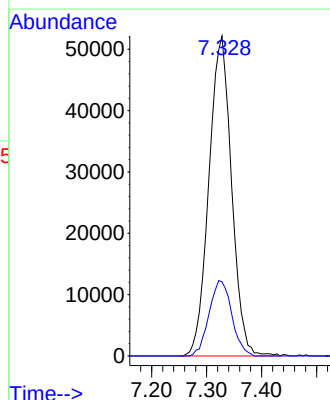
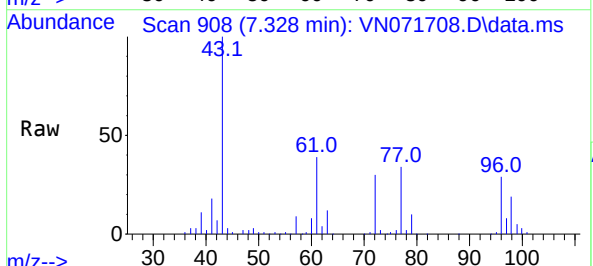
Acq: 31 Mar 2022 16:49

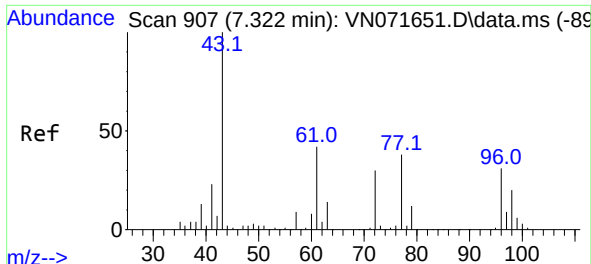
Tgt Ion: 77 Resp: 149304

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.689 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion: 96 Resp: 122494

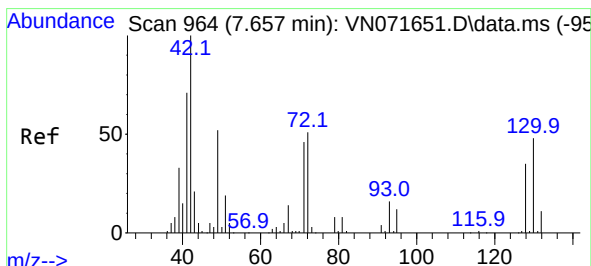
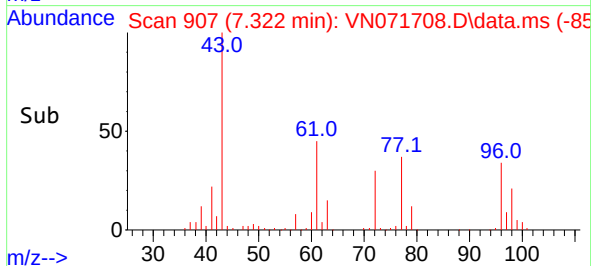
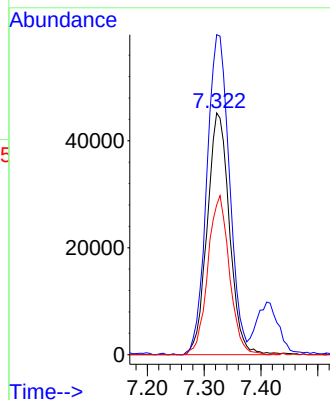
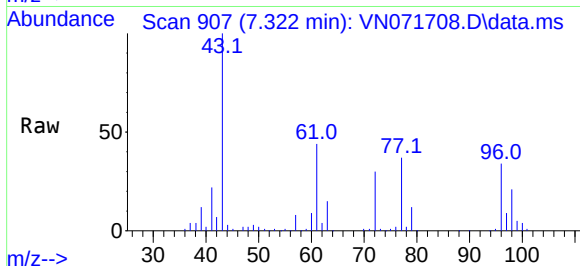
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	280.6
98	63.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#28

Bromochloromethane

Concen: 21.565 ug/l

RT: 7.657 min Scan# 964

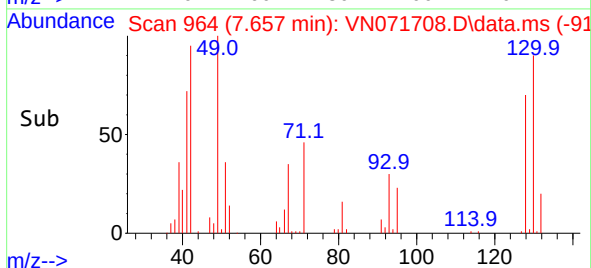
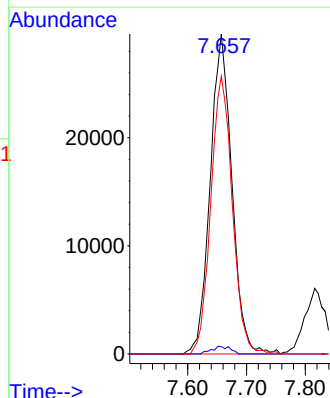
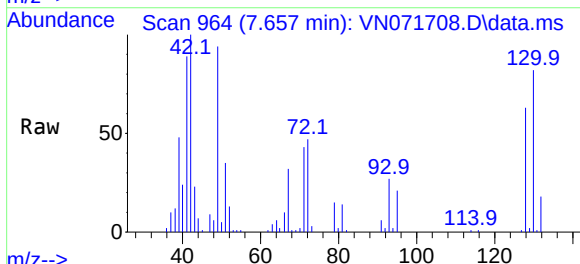
Delta R.T. 0.000 min

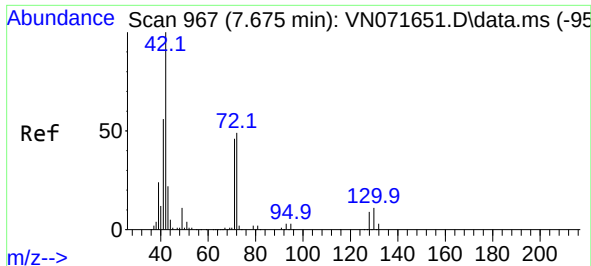
Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Tgt Ion: 49 Resp: 75706

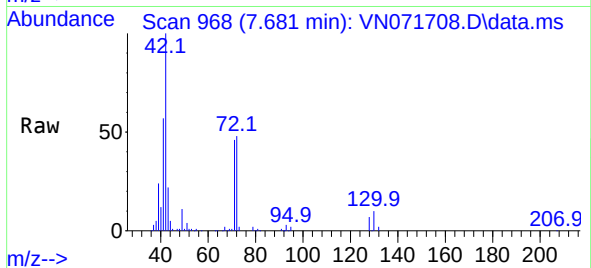
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	86.4	69.7	104.5





#29
Tetrahydrofuran
Concen: 121.215 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

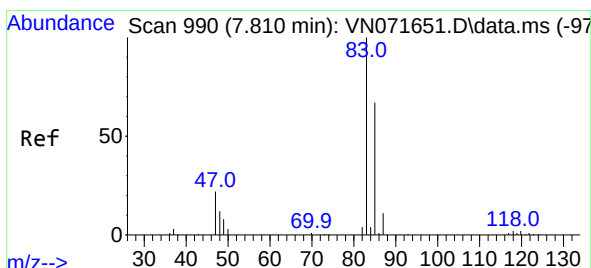
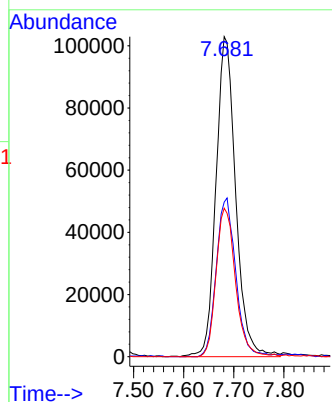
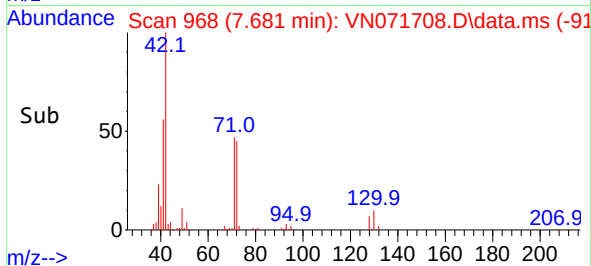
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



Tgt Ion: 42 Resp: 280600
Ion Ratio Lower Upper
42 100
72 49.1 39.7 59.5
71 45.6 36.6 55.0

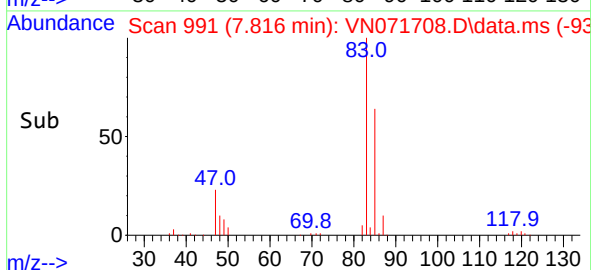
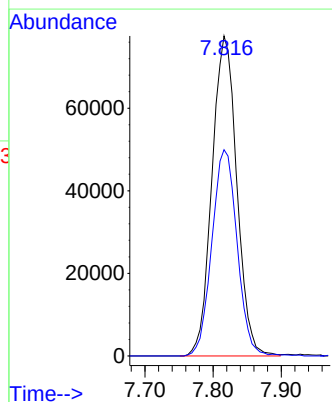
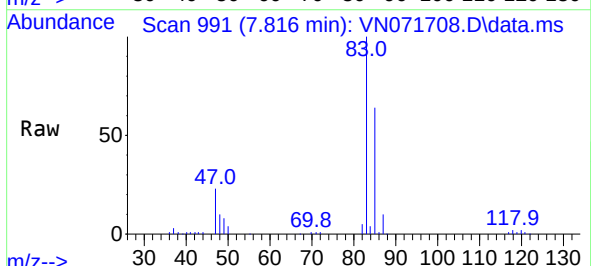
Manual Integrations
APPROVED

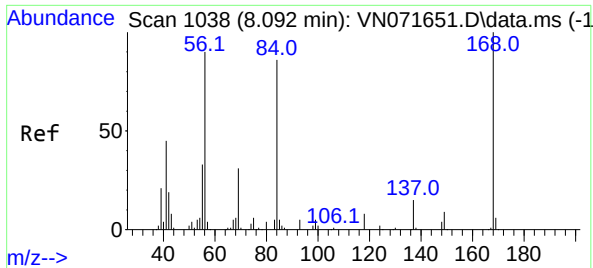
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#30
Chloroform
Concen: 21.370 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

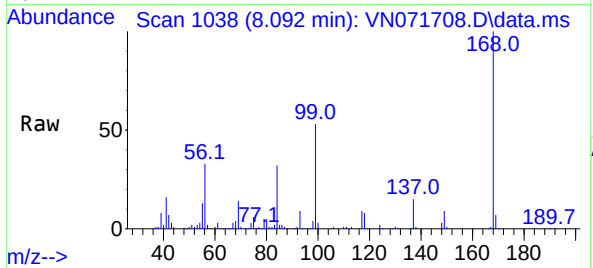
Tgt Ion: 83 Resp: 196377
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8





#31
Cyclohexane
Concen: 19.756 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

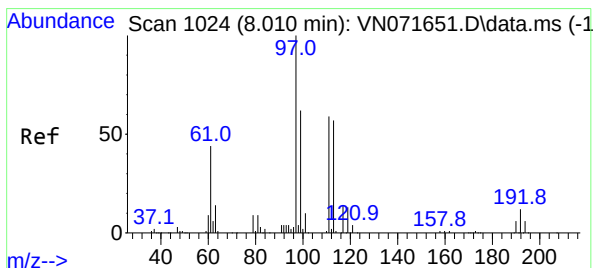
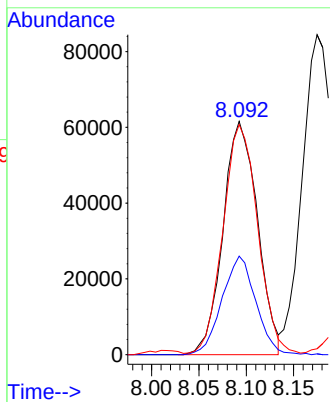
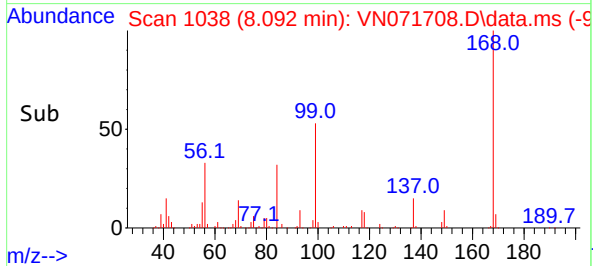
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



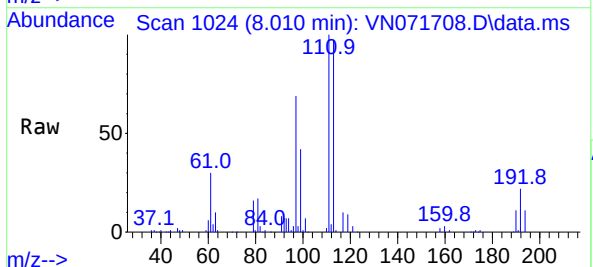
Tgt Ion: 56 Resp: 15590
Ion Ratio Lower Upper
56 100
69 42.3 27.8 41.8
84 97.1 76.9 115.3

Manual Integrations
APPROVED

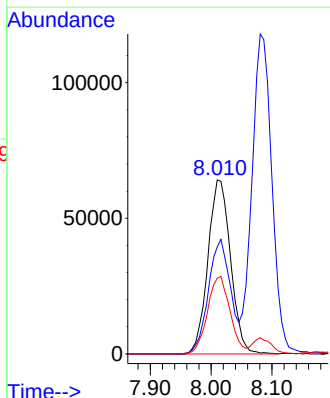
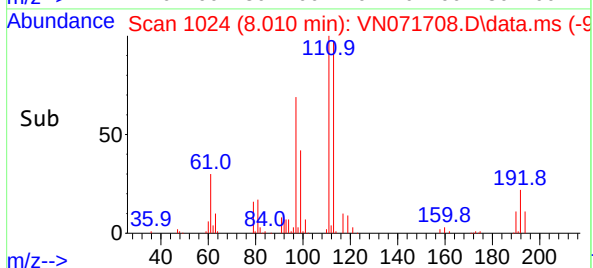
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

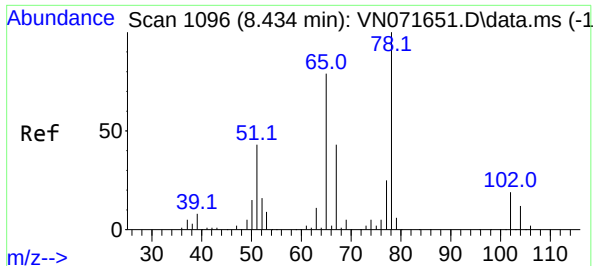


#32
1,1,1-Trichloroethane
Concen: 21.102 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 97 Resp: 165892
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 44.2 36.0 54.0





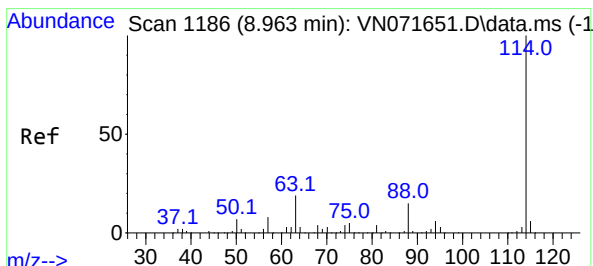
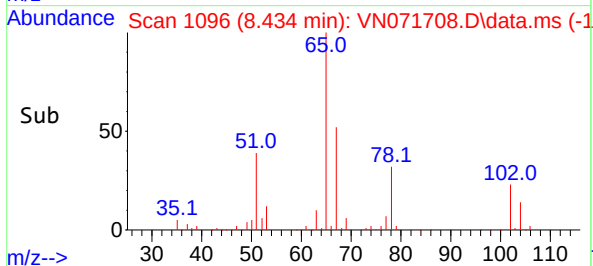
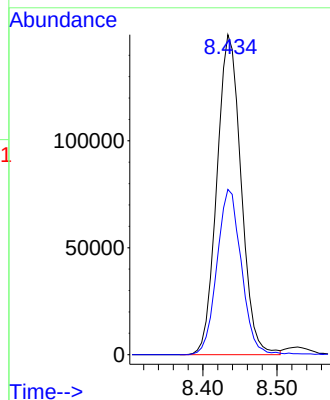
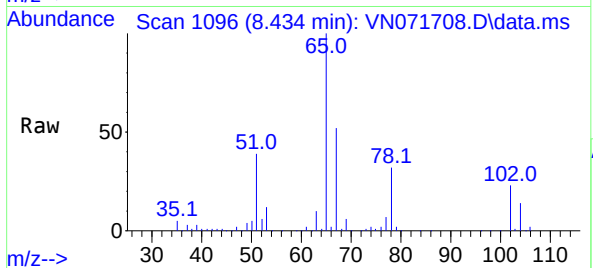
#33
1,2-Dichloroethane-d4
Concen: 58.542 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 65 Resp: 339702
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

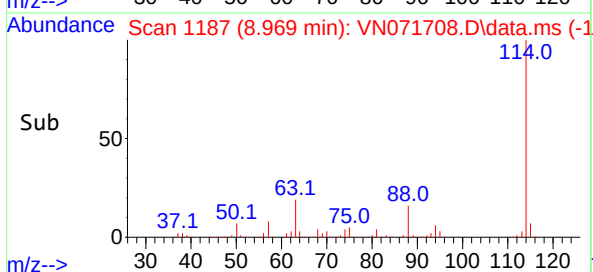
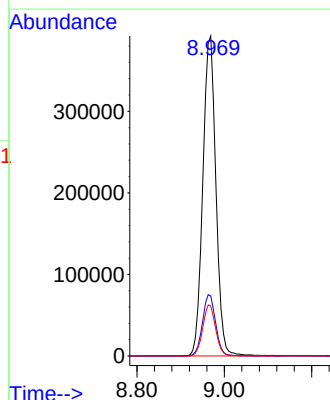
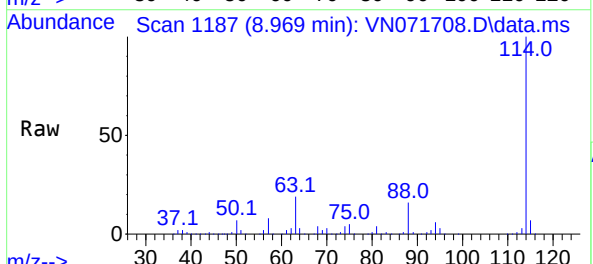
Manual Integrations
APPROVED

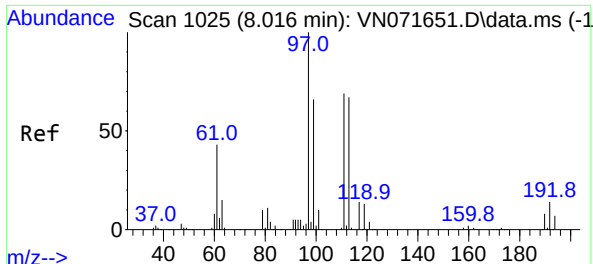
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

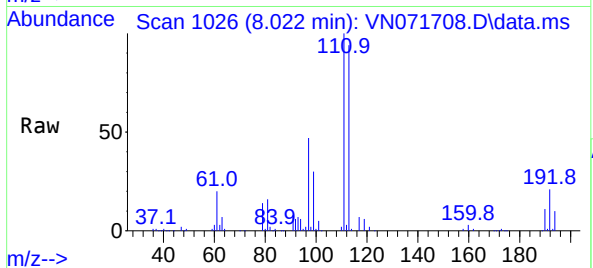
Tgt Ion:114 Resp: 818485
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 56.978 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

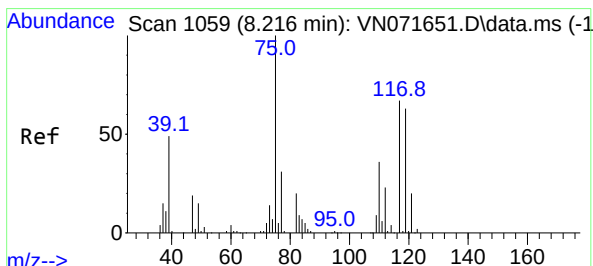
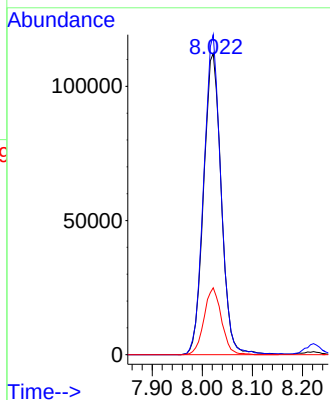
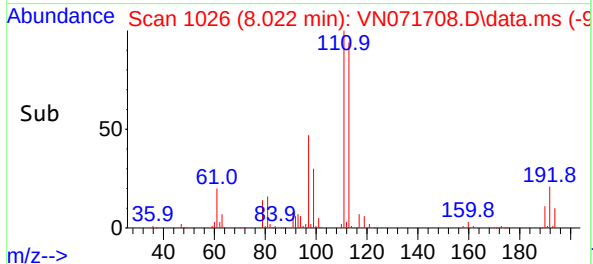
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



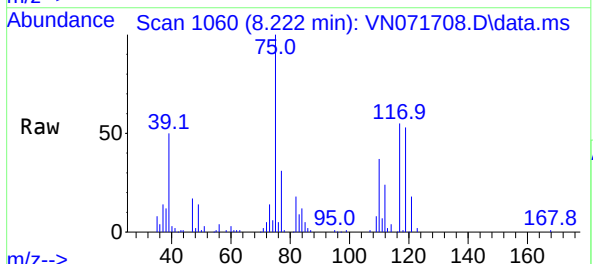
Tgt Ion: 113 Resp: 274420
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 21.9 17.0 25.6

Manual Integrations
APPROVED

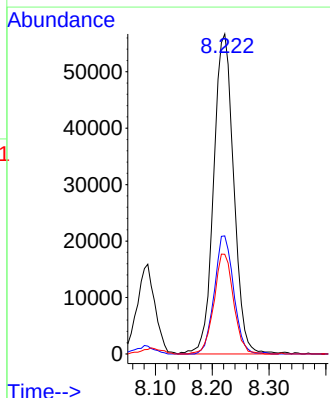
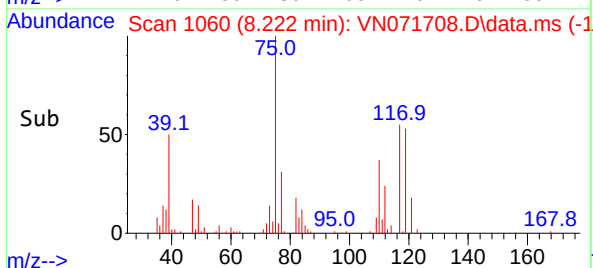
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

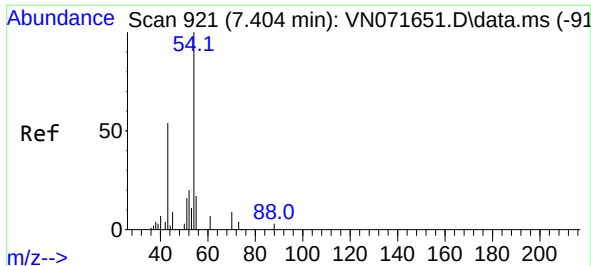


#36
1,1-Dichloropropene
Concen: 20.674 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



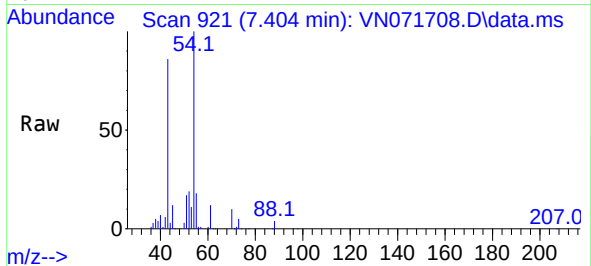
Tgt Ion: 75 Resp: 139050
Ion Ratio Lower Upper
75 100
110 35.4 18.3 54.8
77 30.5 25.1 37.7





#37
Ethyl Acetate
Concen: 23.928 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

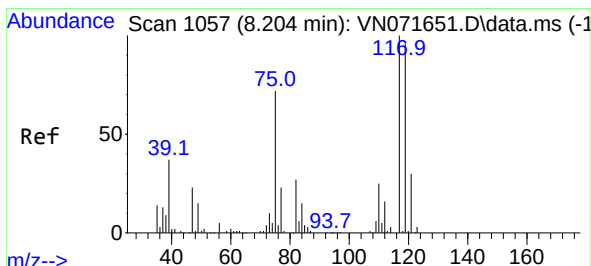
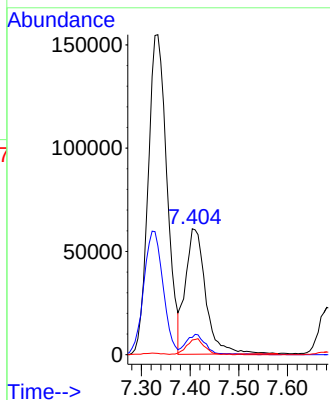
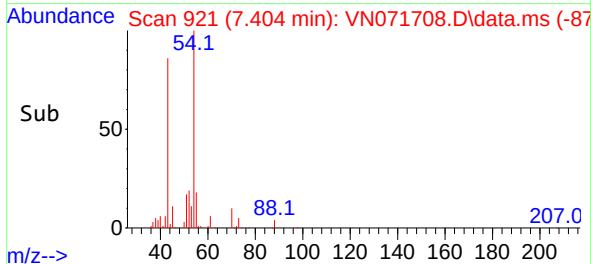
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



Tgt Ion: 43 Resp: 17615
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.2 9.3 13.9

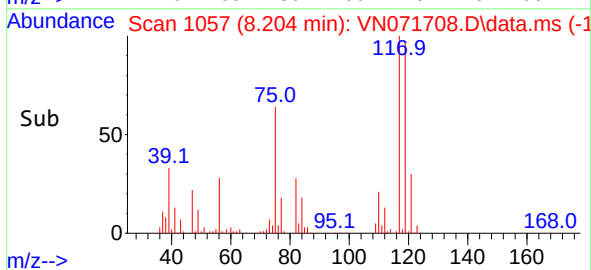
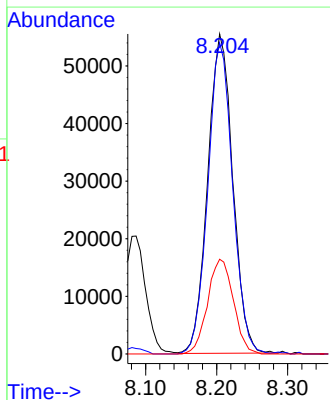
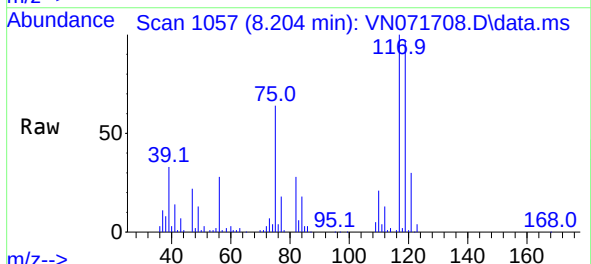
Manual Integrations
APPROVED

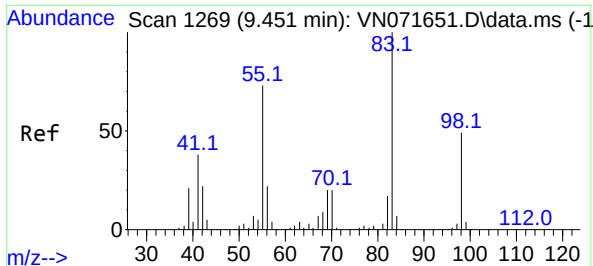
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 20.581 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Tgt Ion:117 Resp: 135663
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
121 29.7 24.6 37.0





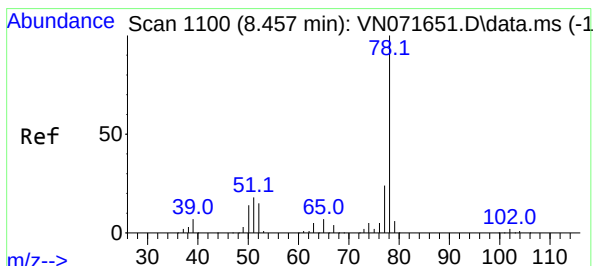
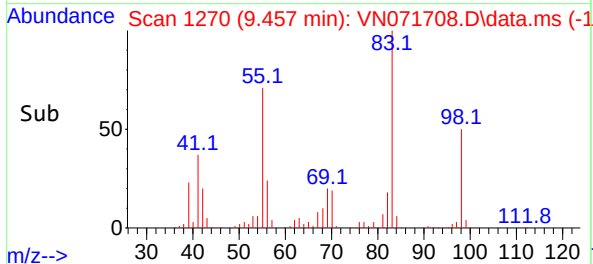
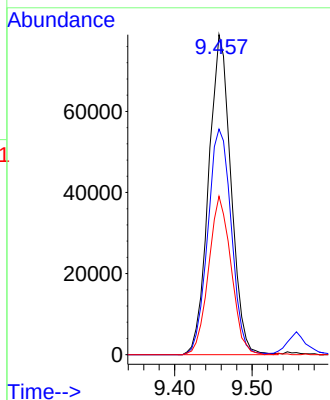
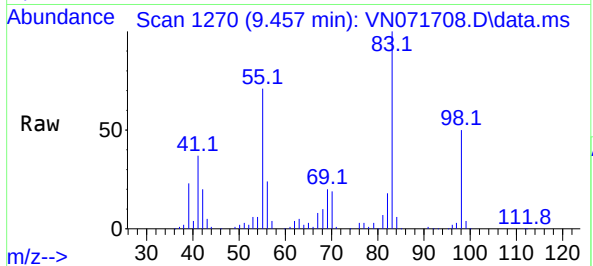
#39
Methylcyclohexane
Concen: 19.730 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 83 Resp: 15796
Ion Ratio Lower Upper
83 100
55 70.5 57.8 86.8
98 49.5 39.4 59.2

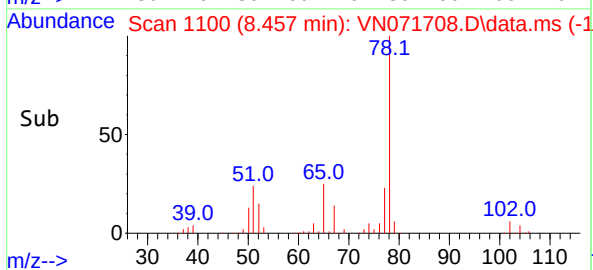
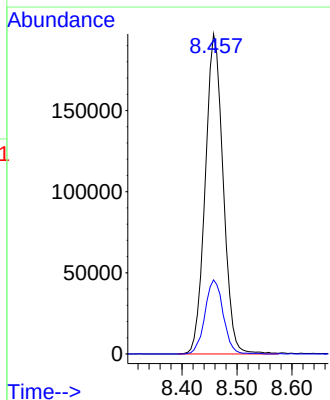
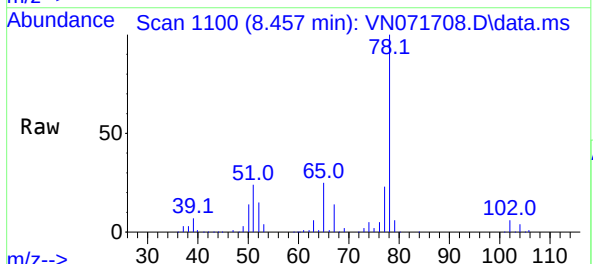
Manual Integrations
APPROVED

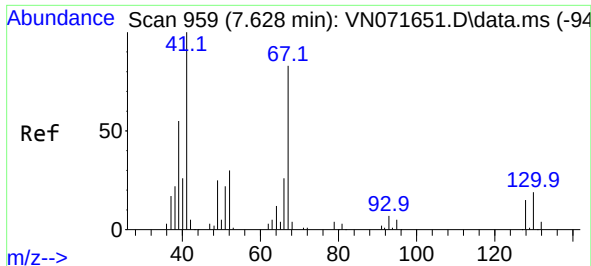
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 21.037 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

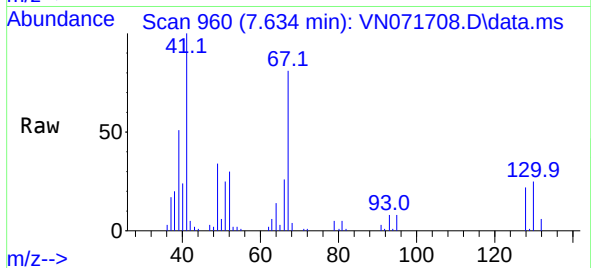
Tgt Ion: 78 Resp: 446956
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 22.963 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

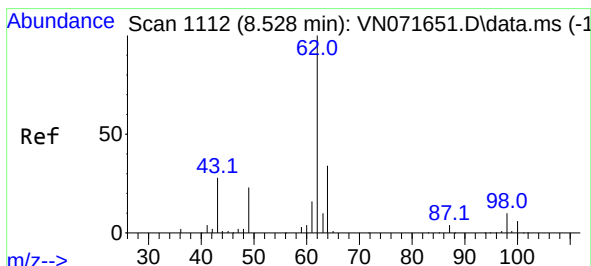
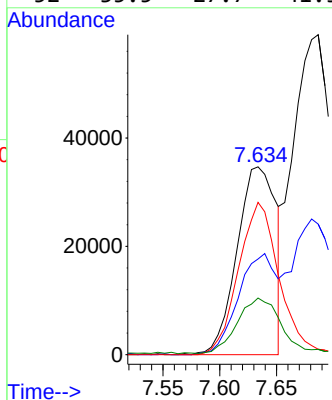
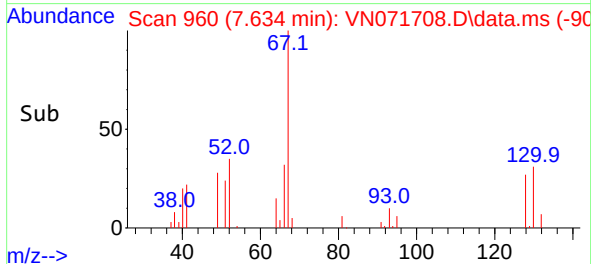
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



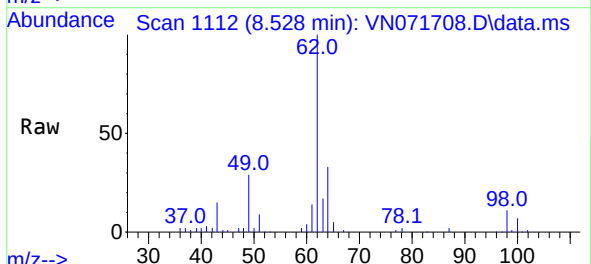
Tgt Ion: 41 Resp: 82772
Ion Ratio Lower Upper
41 100
39 52.4 48.6 73.0
67 85.9 73.4 110.2
52 35.5 27.7 41.5

Manual Integrations
APPROVED

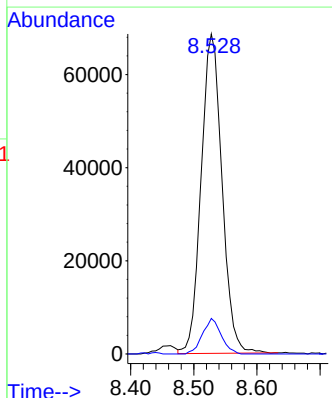
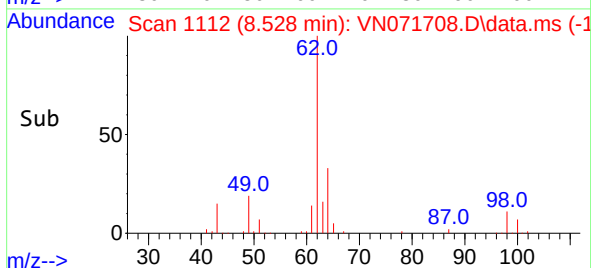
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

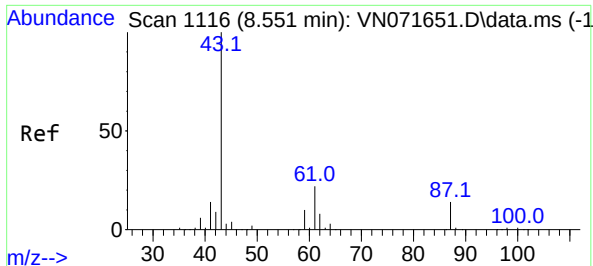


#42
1,2-Dichloroethane
Concen: 21.414 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 62 Resp: 157383
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.141 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion: 43 Resp: 258869

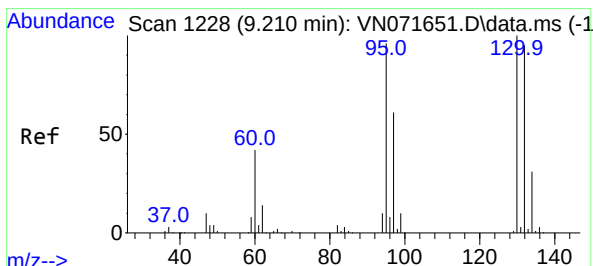
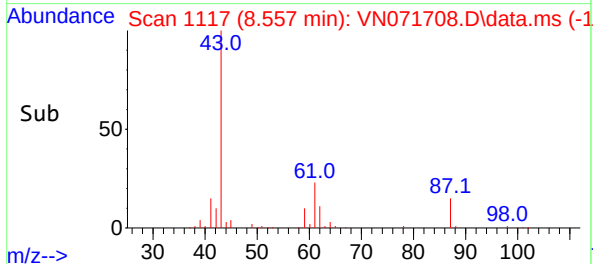
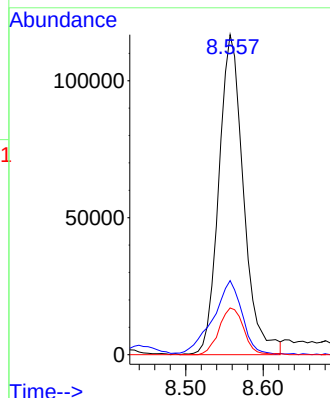
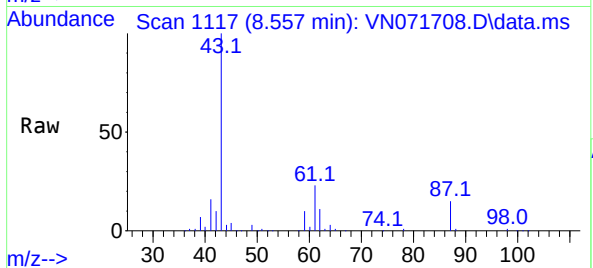
Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.9	32.9
87	14.4	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#44

Trichloroethene

Concen: 20.325 ug/l

RT: 9.216 min Scan# 1229

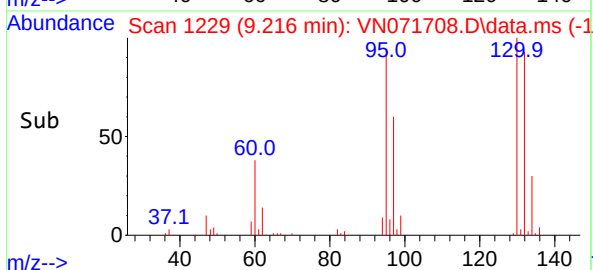
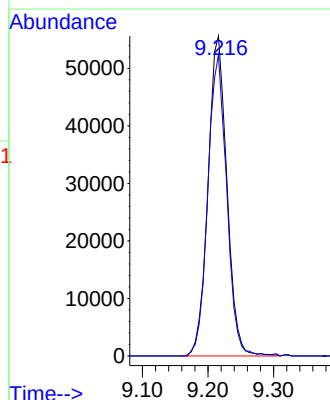
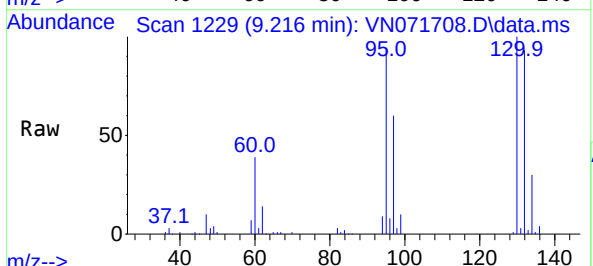
Delta R.T. 0.006 min

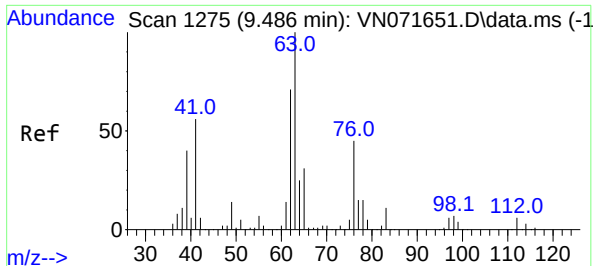
Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Tgt Ion:130 Resp: 111255

Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	186.8





#45

1,2-Dichloropropane

Concen: 21.764 ug/l

RT: 9.492 min Scan# 115510

Delta R.T. 0.006 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion: 63 Resp: 115510

Ion Ratio Lower Upper

63 100

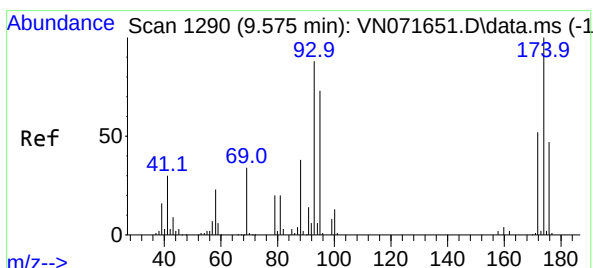
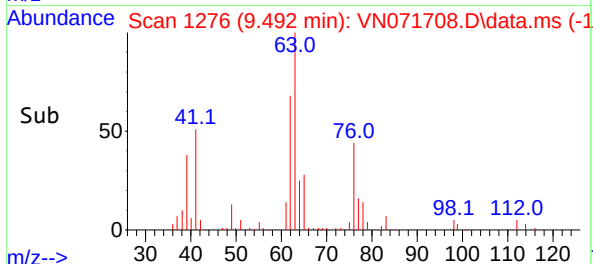
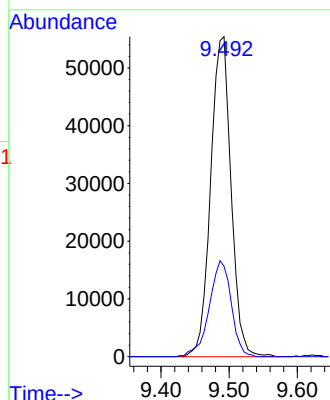
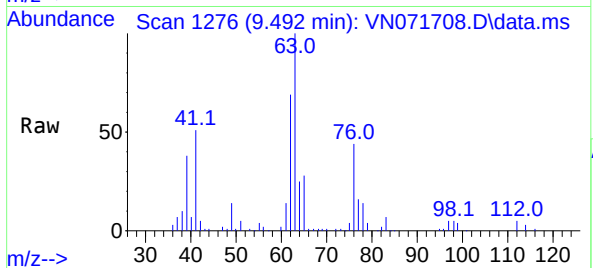
65 28.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 21.843 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

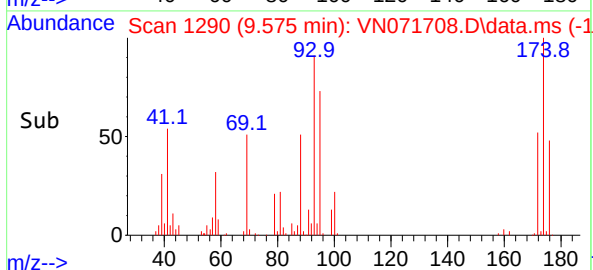
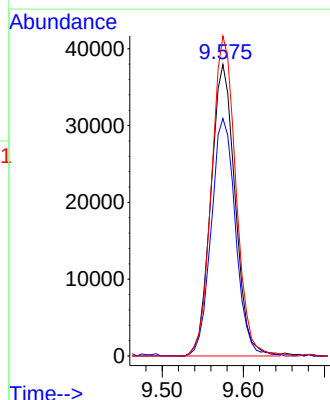
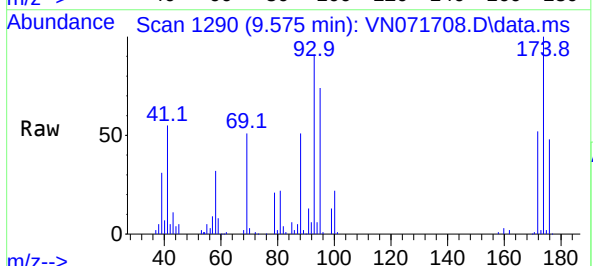
Tgt Ion: 93 Resp: 78718

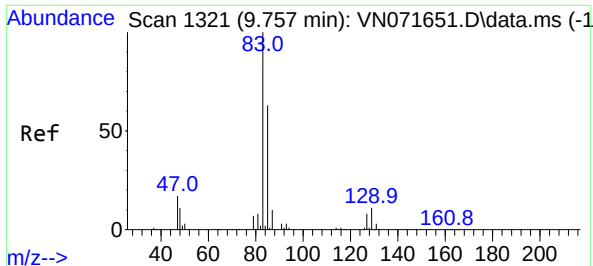
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

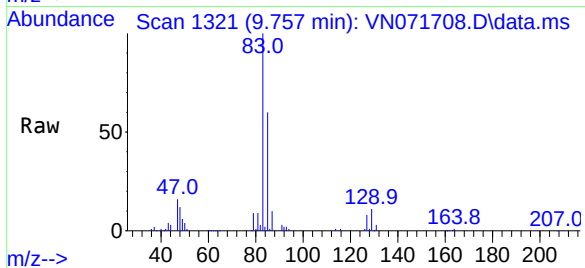
174 109.7 86.6 130.0





#47
Bromodichloromethane
Concen: 22.141 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

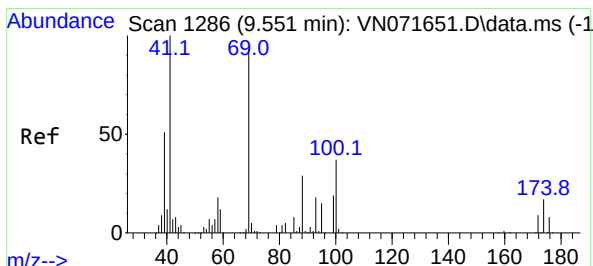
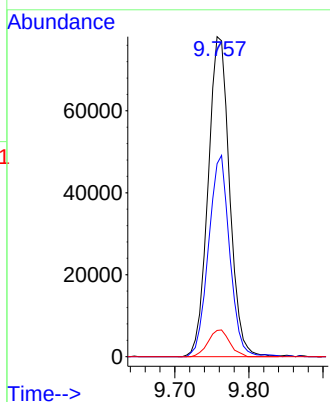
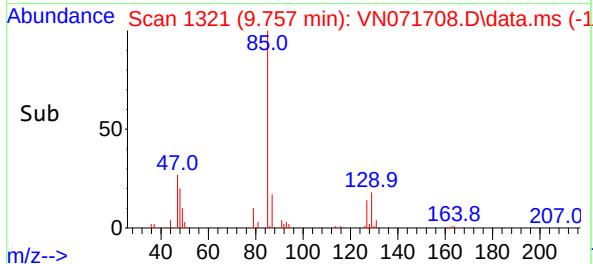
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



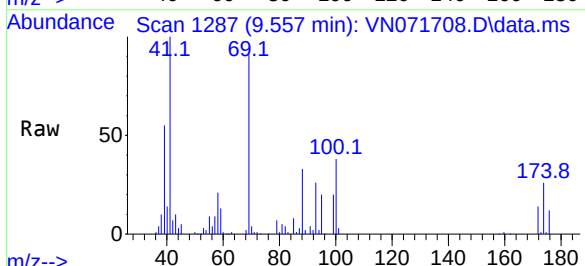
Tgt Ion: 83 Resp: 157069
Ion Ratio Lower Upper
83 100
85 60.3 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

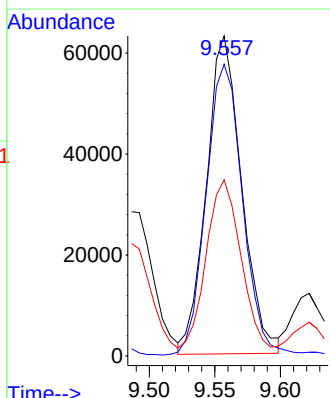
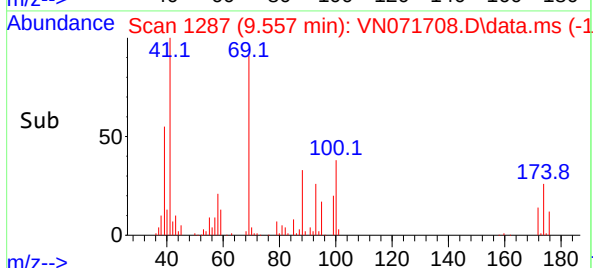
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

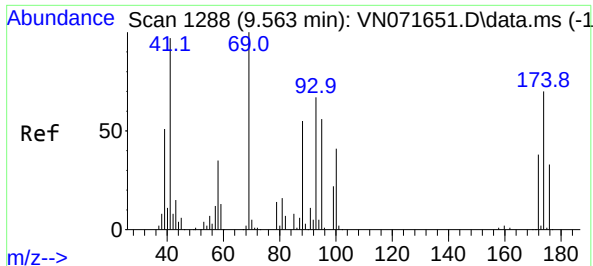


#48
Methyl methacrylate
Concen: 23.204 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



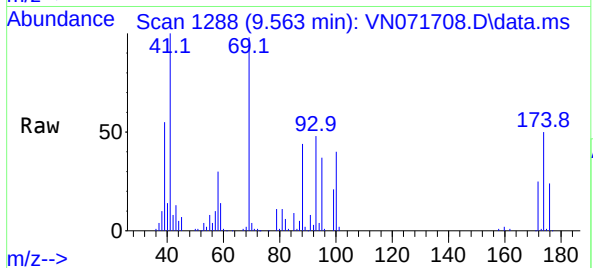
Tgt Ion: 41 Resp: 117878
Ion Ratio Lower Upper
41 100
69 95.3 74.7 112.1
39 55.4 45.6 68.4





#49
1,4-Dioxane
Concen: 437.026 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

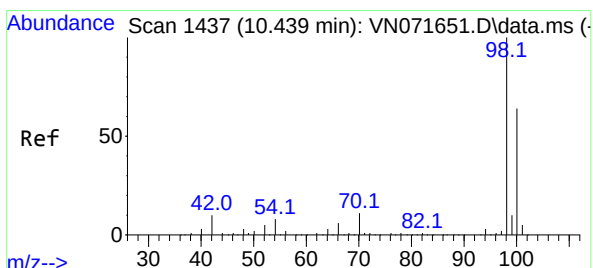
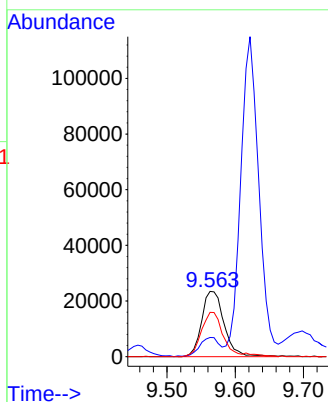
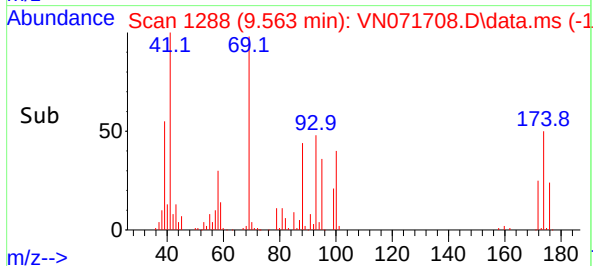
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



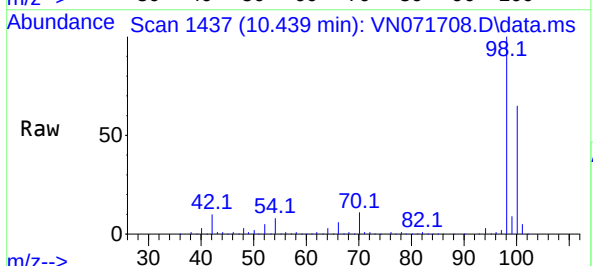
Tgt Ion: 88 Resp: 5360
Ion Ratio Lower Upper
88 100
43 25.9 20.2 30.4
58 64.5 54.2 81.4

Manual Integrations
APPROVED

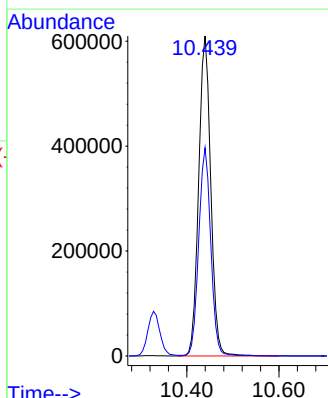
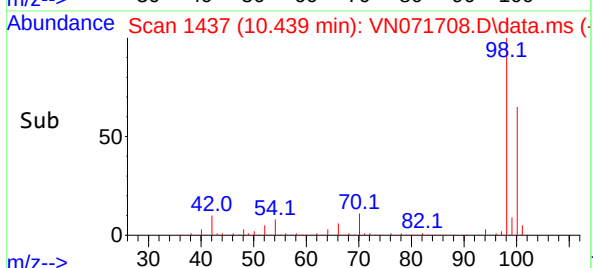
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

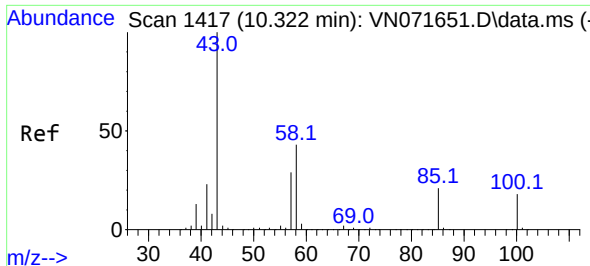


#50
Toluene-d8
Concen: 56.616 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 98 Resp: 1115478
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





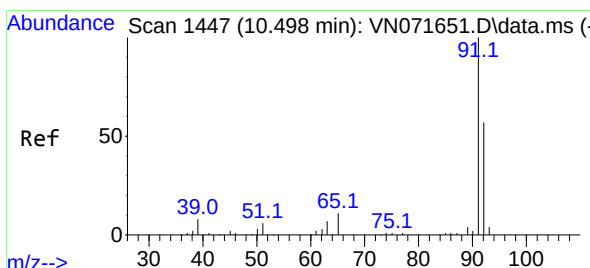
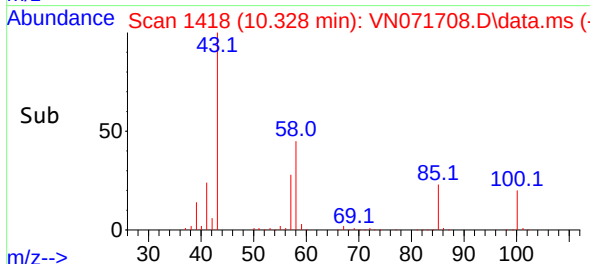
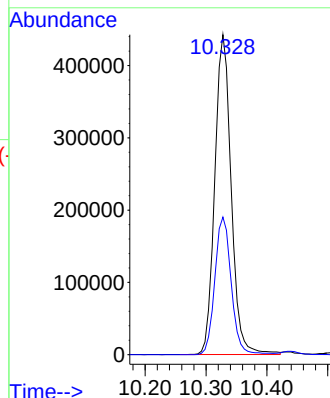
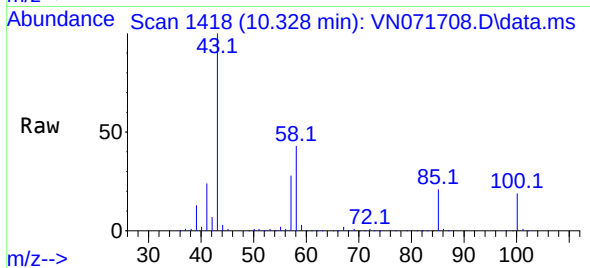
#51
4-Methyl-2-Pentanone
Concen: 117.738 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 43 Resp: 828870
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

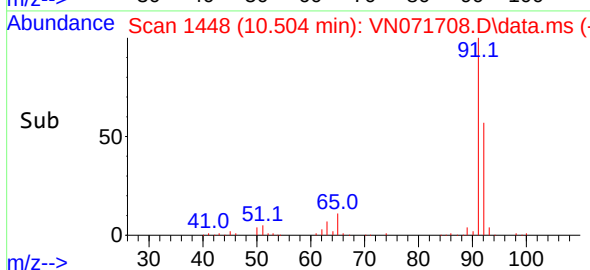
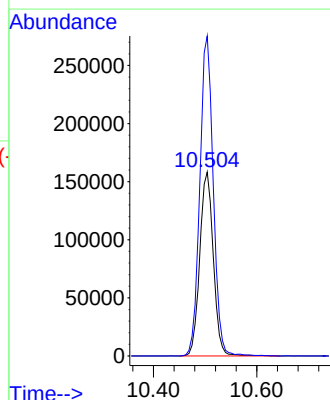
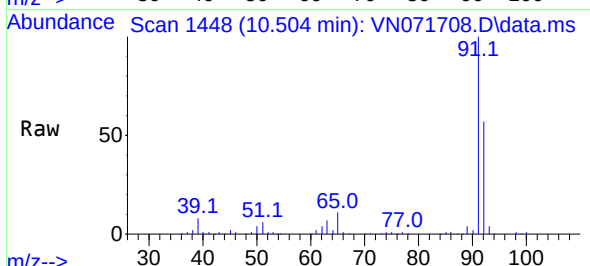
Manual Integrations
APPROVED

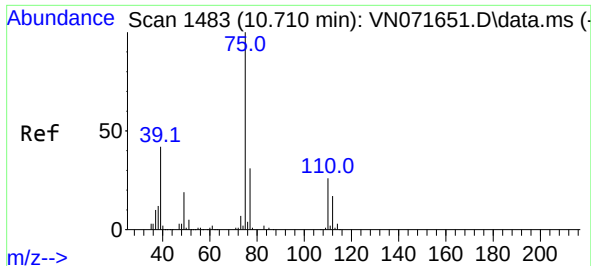
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 21.423 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Tgt Ion: 92 Resp: 287717
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





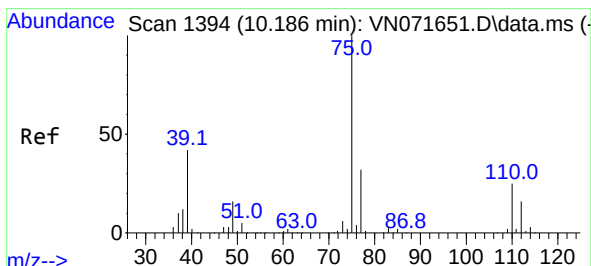
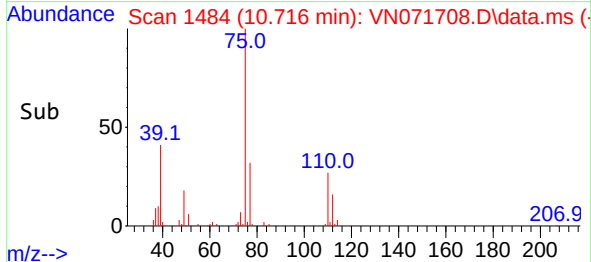
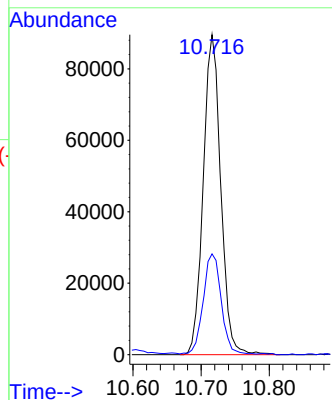
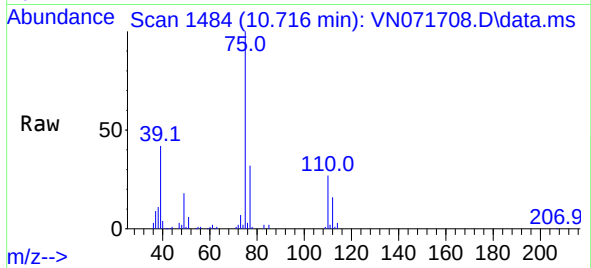
#53
t-1,3-Dichloropropene
Concen: 21.492 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 75 Resp: 159794
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

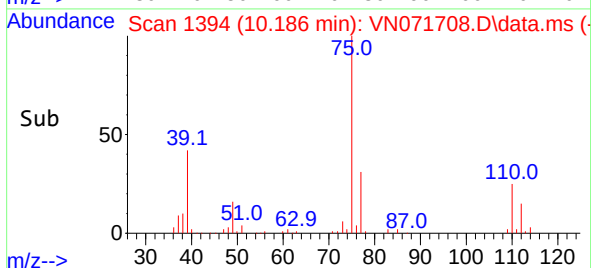
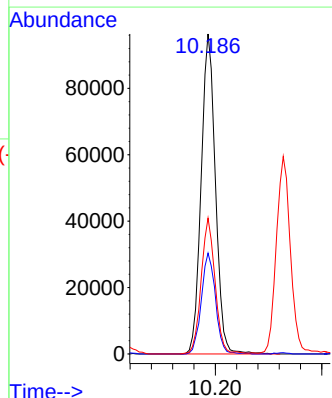
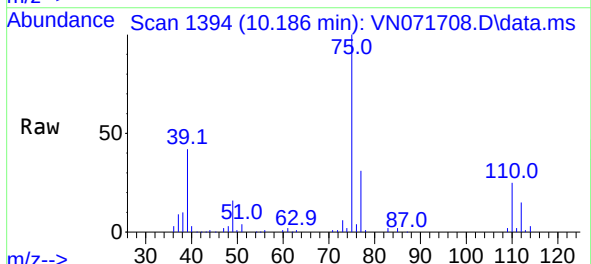
Manual Integrations
APPROVED

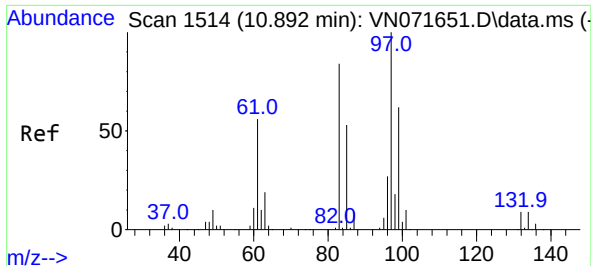
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 21.830 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

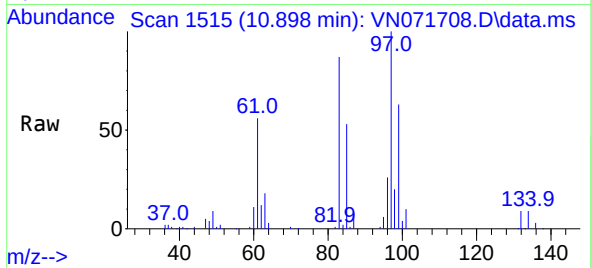
Tgt Ion: 75 Resp: 179332
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 42.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.995 ug/l
RT: 10.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

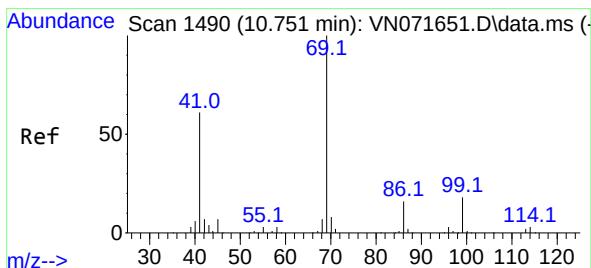
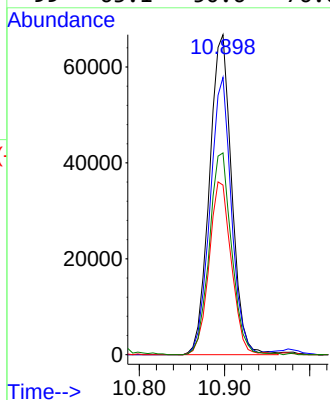
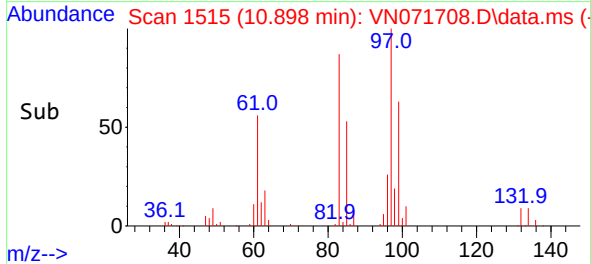
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



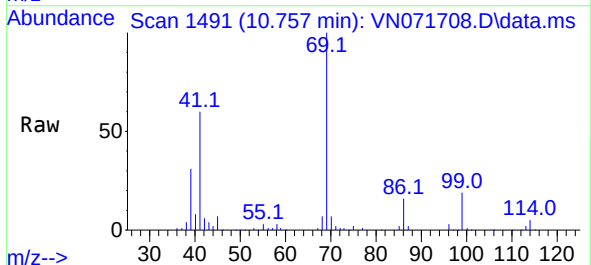
Tgt Ion: 97 Resp: 121570
Ion Ratio Lower Upper
97 100
83 86.7 66.2 99.4
85 53.0 43.9 65.9
99 63.1 50.6 76.0

Manual Integrations
APPROVED

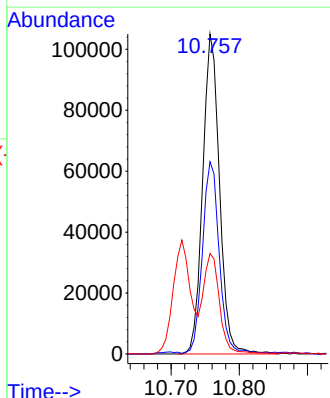
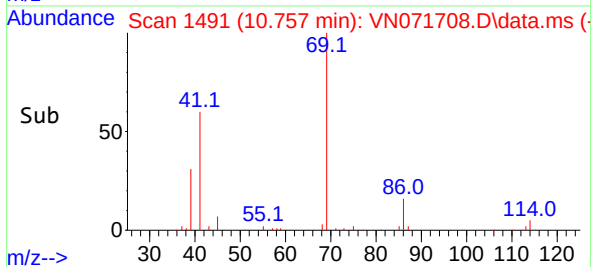
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

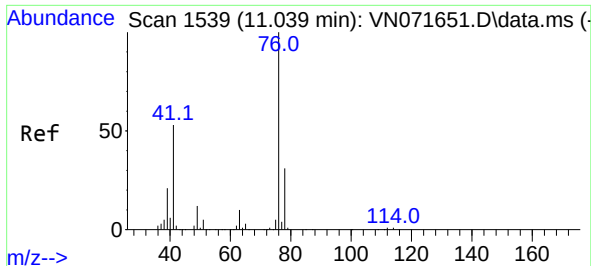


#56
Ethyl methacrylate
Concen: 22.893 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion: 69 Resp: 180521
Ion Ratio Lower Upper
69 100
41 59.4 47.8 71.6
39 29.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 21.986 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion: 76 Resp: 203180

Ion Ratio Lower Upper

76 100

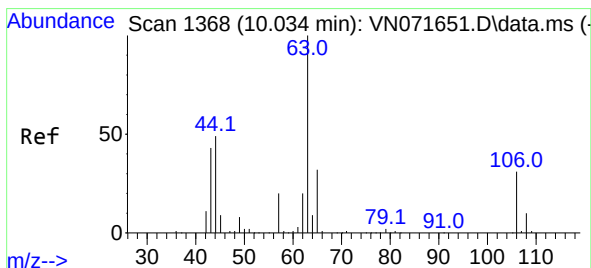
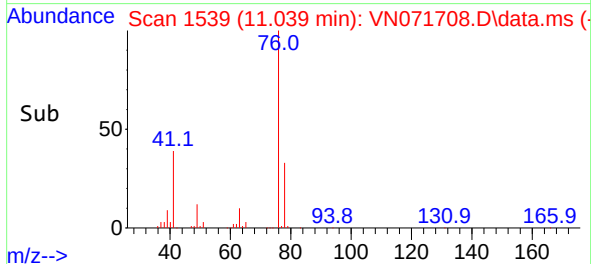
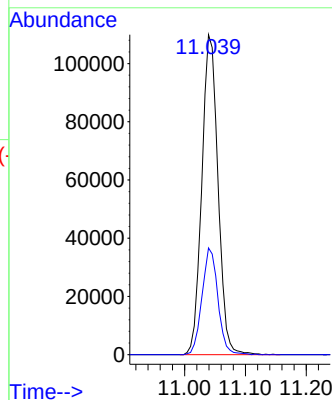
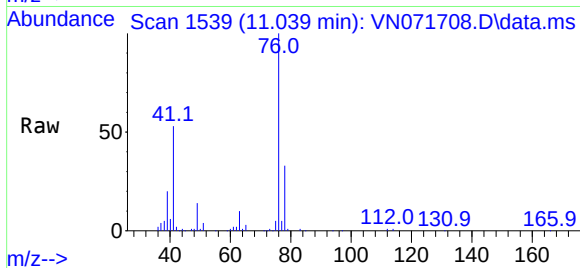
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.482 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN071708.D

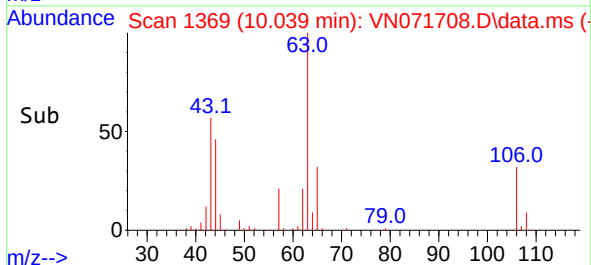
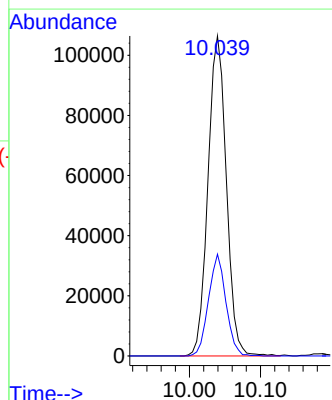
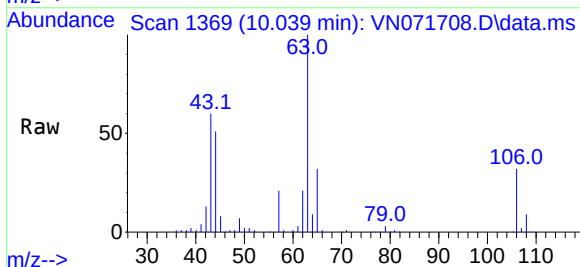
Acq: 31 Mar 2022 16:49

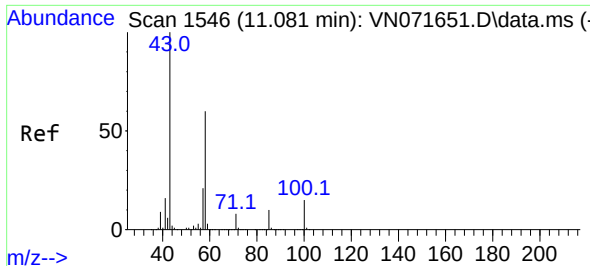
Tgt Ion: 63 Resp: 191460

Ion Ratio Lower Upper

63 100

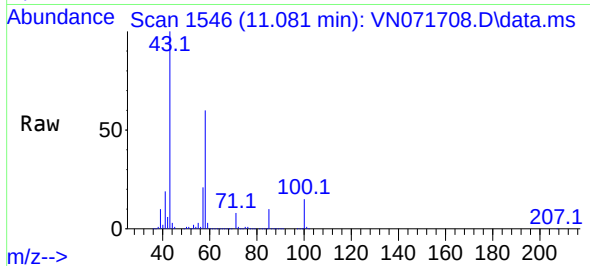
106 30.1 24.6 36.8





#59
2-Hexanone
Concen: 118.783 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

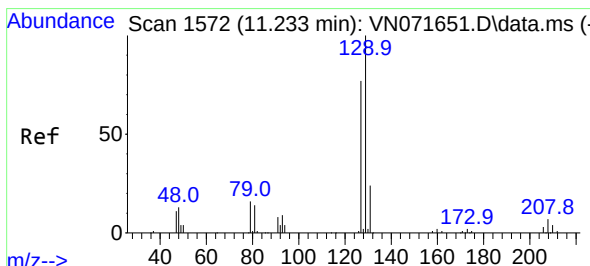
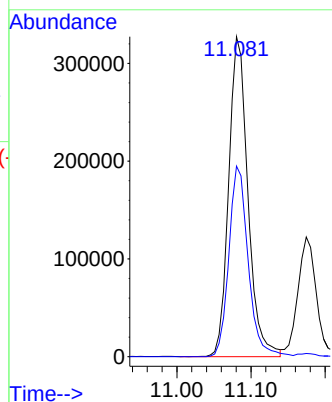
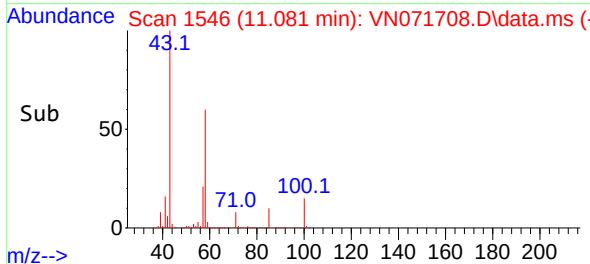
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



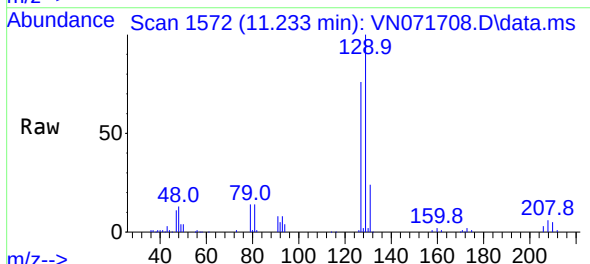
Tgt Ion: 43 Resp: 58875
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

Manual Integrations
APPROVED

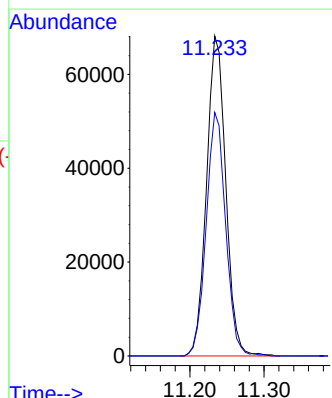
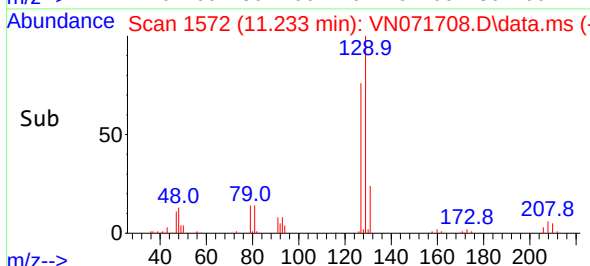
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

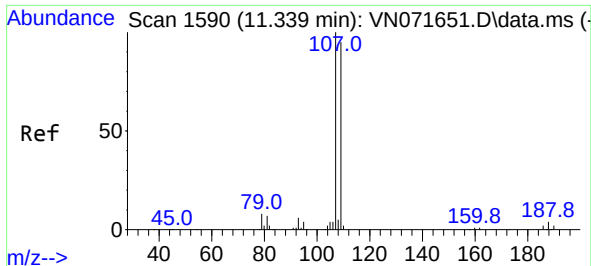


#60
Dibromochloromethane
Concen: 22.787 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



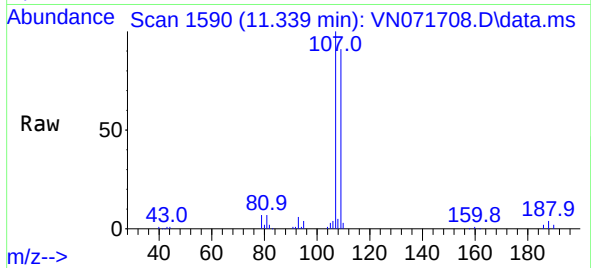
Tgt Ion:129 Resp: 122812
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.181 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

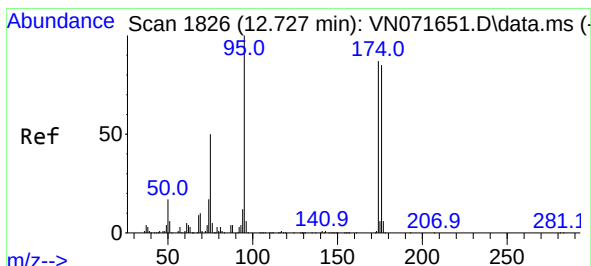
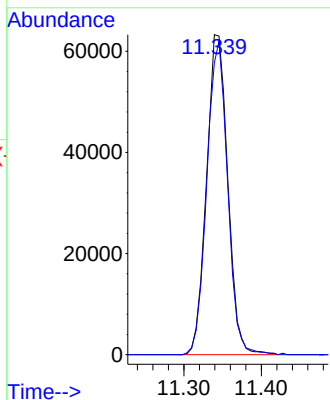
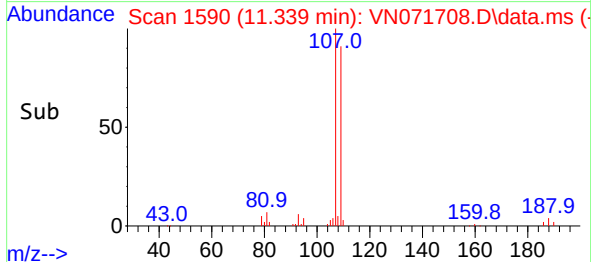
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



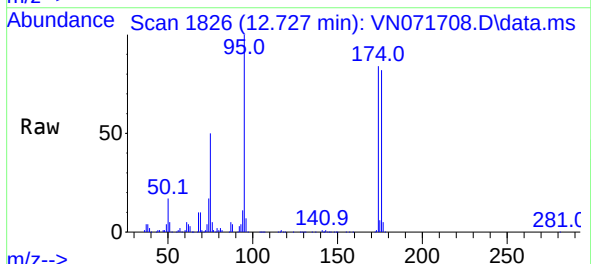
Tgt Ion:107 Resp: 12068
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.6

Manual Integrations
APPROVED

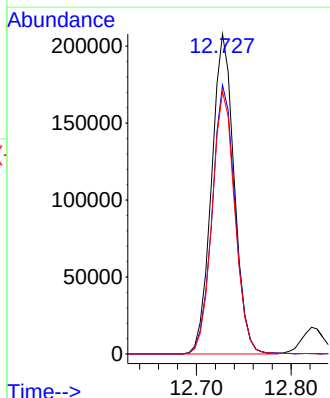
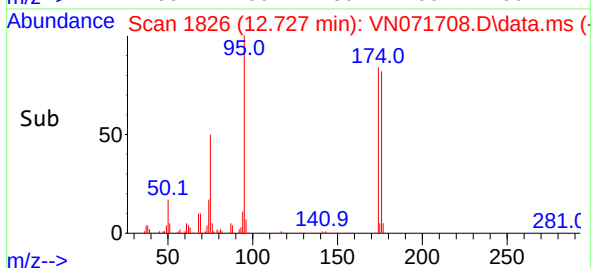
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

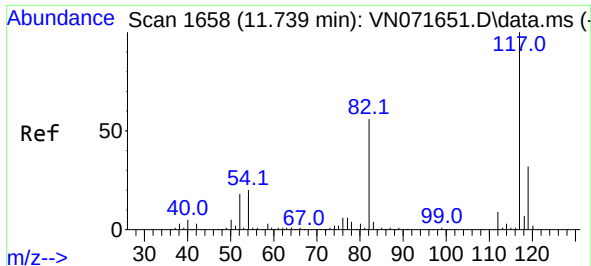


#62
4-Bromofluorobenzene
Concen: 54.121 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



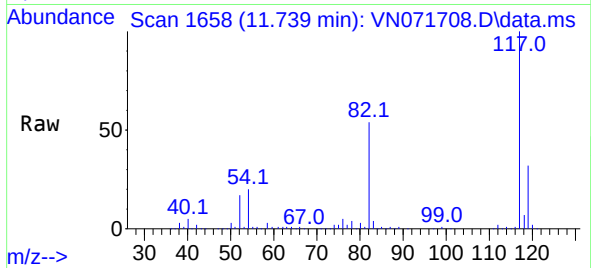
Tgt Ion: 95 Resp: 344863
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

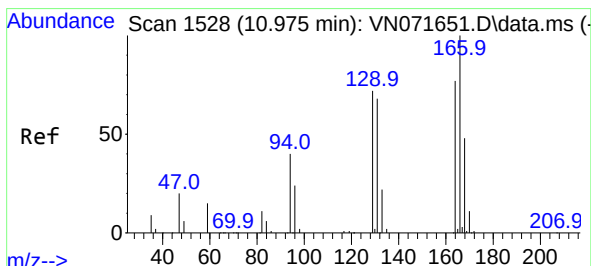
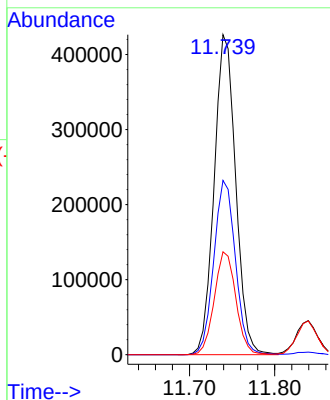
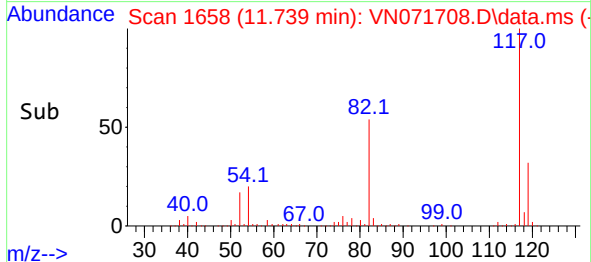
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



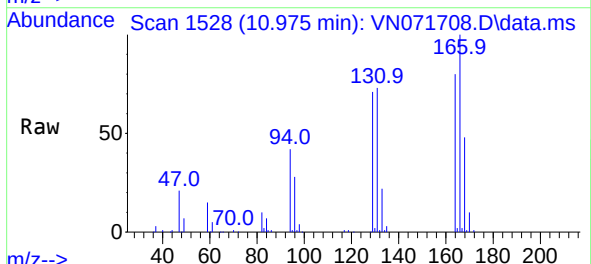
Tgt Ion:117 Resp: 75010
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

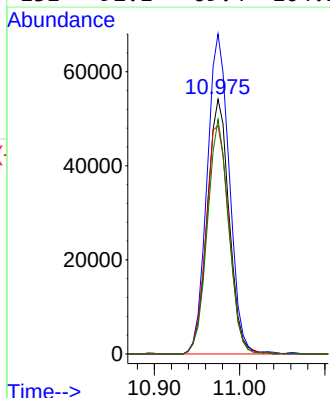
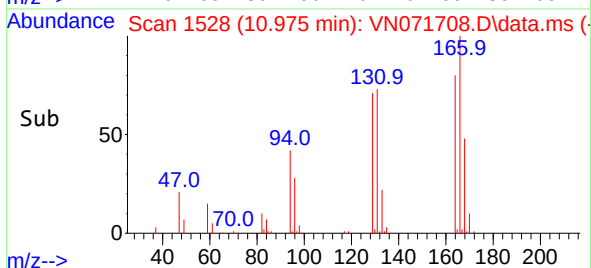
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

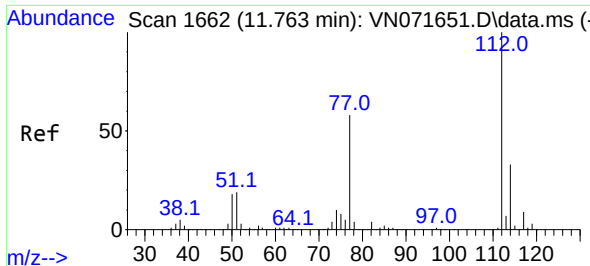


#64
Tetrachloroethene
Concen: 19.552 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



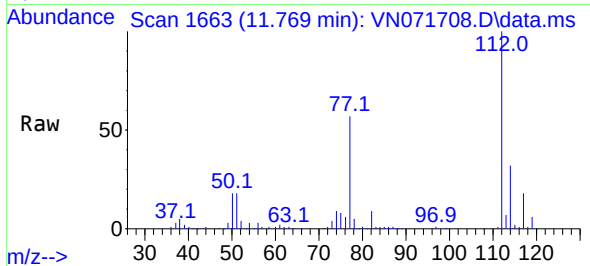
Tgt Ion:164 Resp: 96846
Ion Ratio Lower Upper
164 100
166 125.6 104.2 156.2
129 89.7 73.9 110.9
131 92.1 69.4 104.2





#65
Chlorobenzene
Concen: 20.373 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

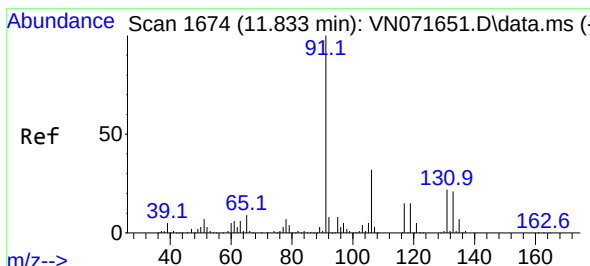
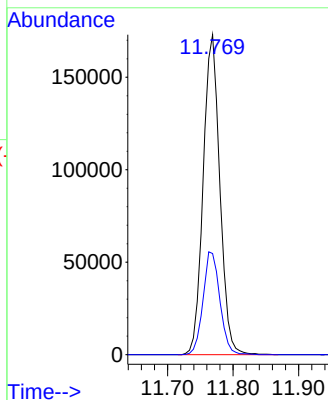
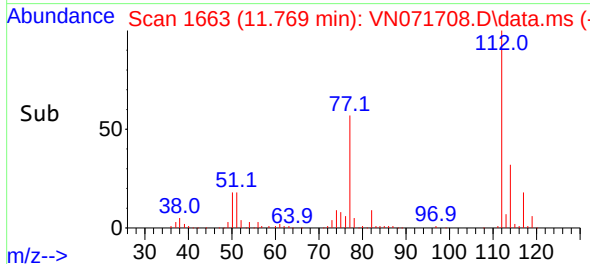
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



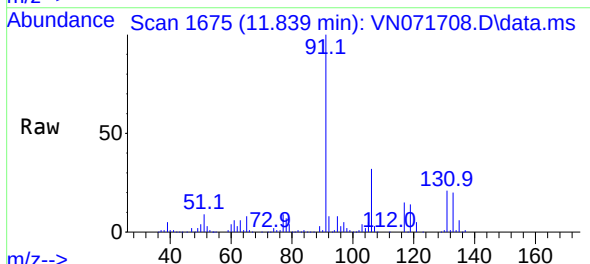
Tgt Ion:112 Resp: 306000
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

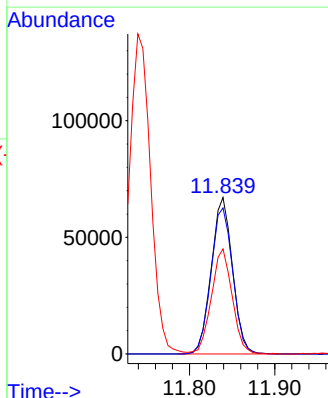
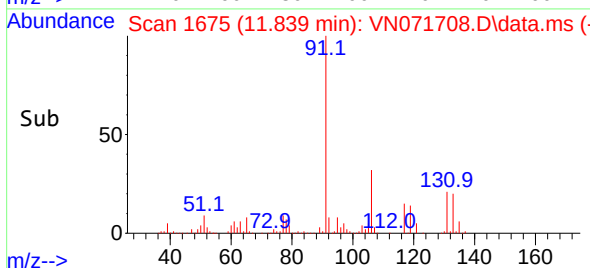
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

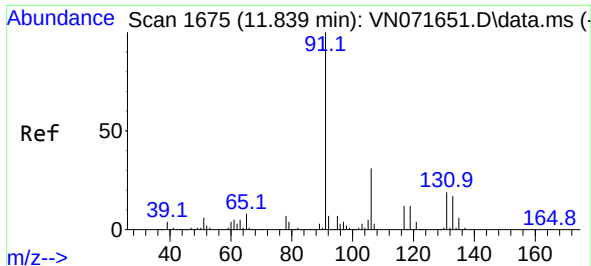


#66
1,1,1,2-Tetrachloroethane
Concen: 21.354 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion:131 Resp: 115732
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 66.0 33.4 100.2





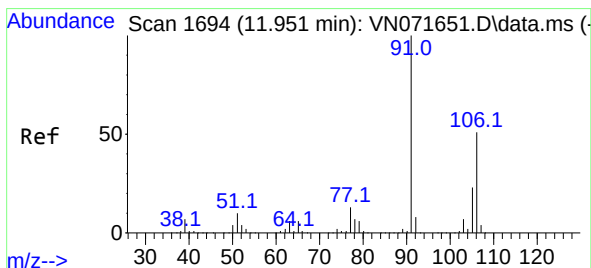
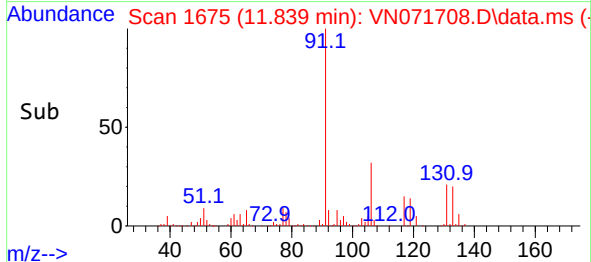
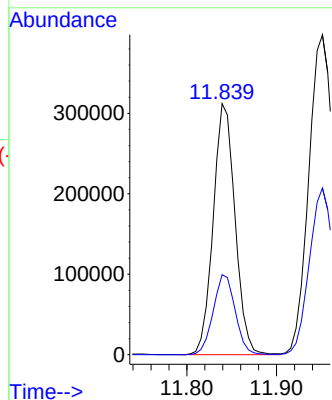
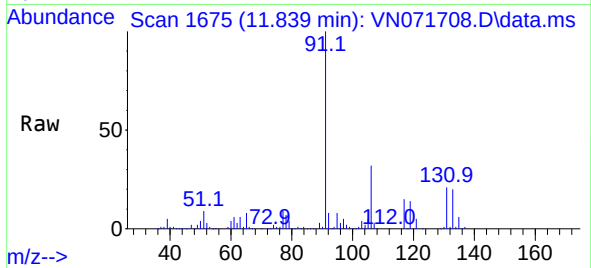
#67
Ethyl Benzene
Concen: 20.748 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion: 91 Resp: 52755
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

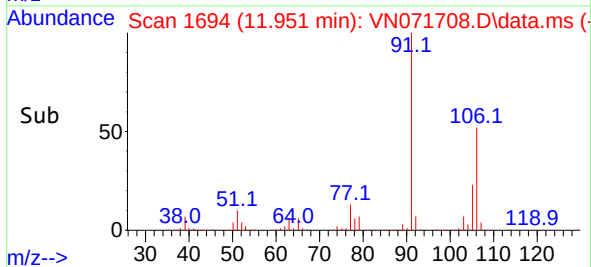
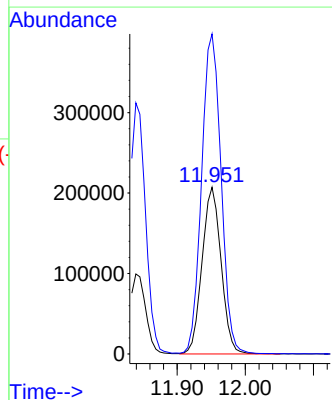
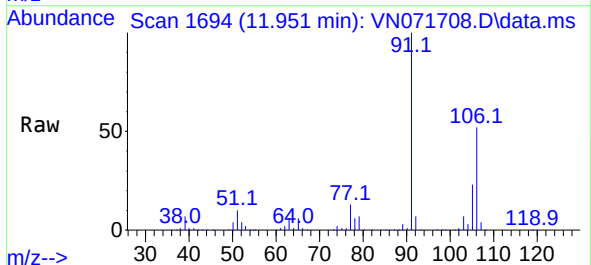
Manual Integrations
APPROVED

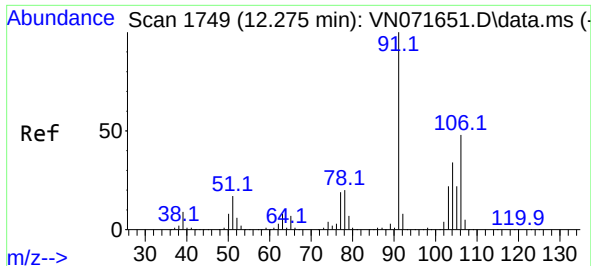
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 41.185 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Tgt Ion:106 Resp: 402350
Ion Ratio Lower Upper
106 100
91 196.2 158.9 238.3





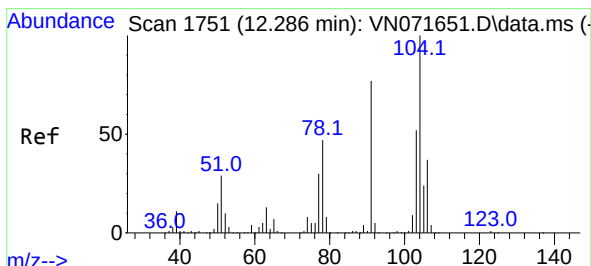
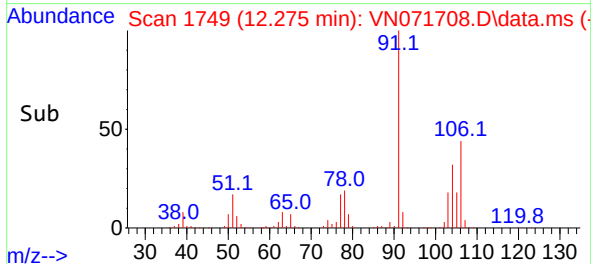
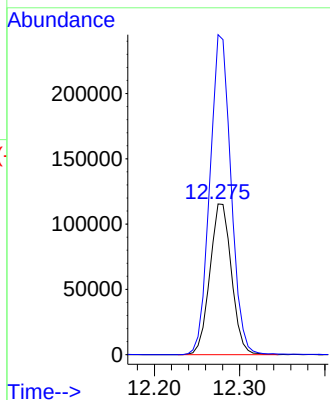
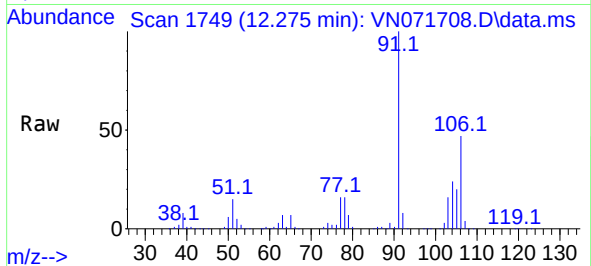
#69
o-Xylene
Concen: 20.902 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion:106 Resp: 202680
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0

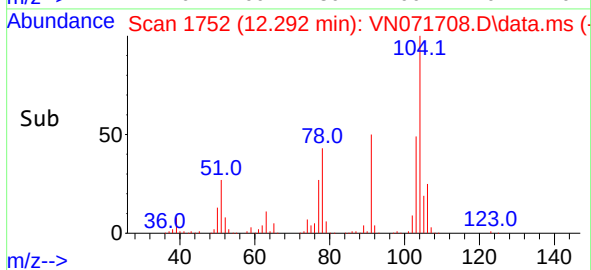
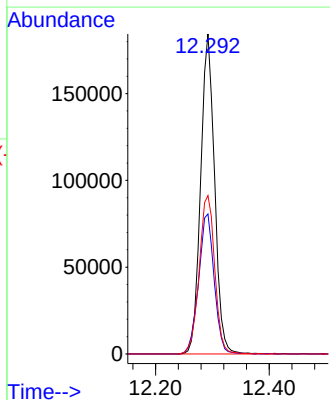
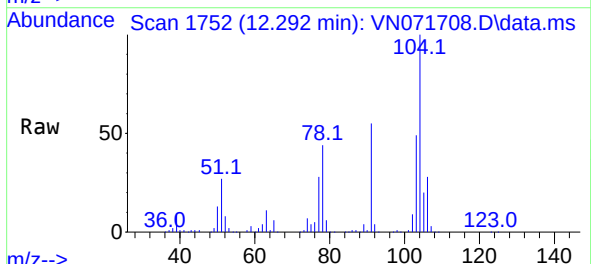
Manual Integrations
APPROVED

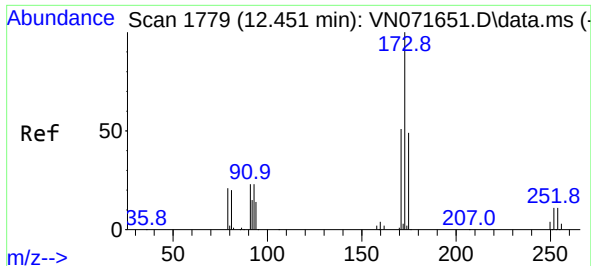
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 21.371 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

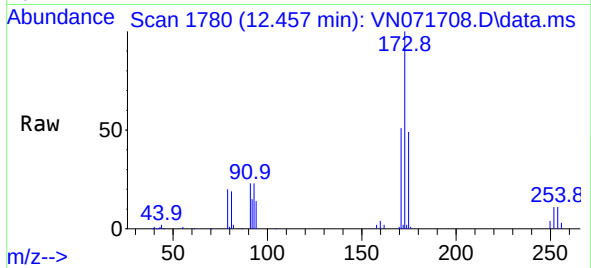
Tgt Ion:104 Resp: 313991
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 21.807 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

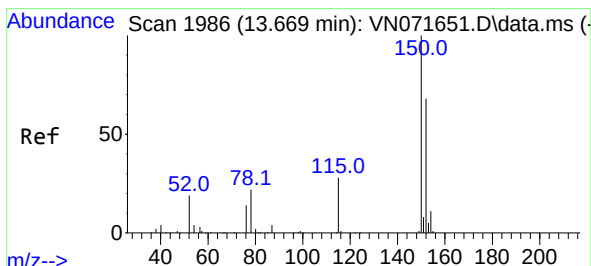
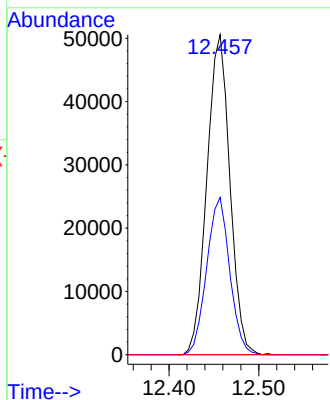
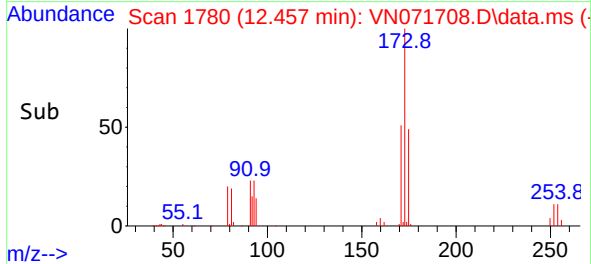
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



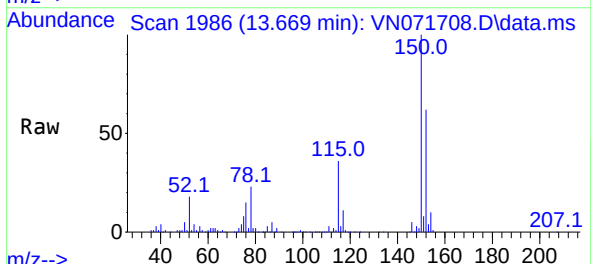
Tgt Ion:173 Resp: 90000
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

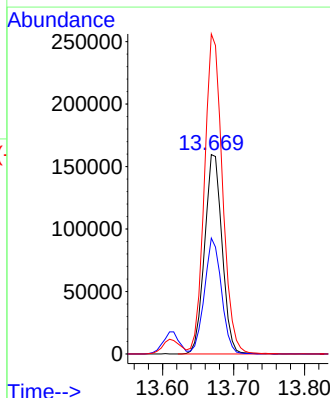
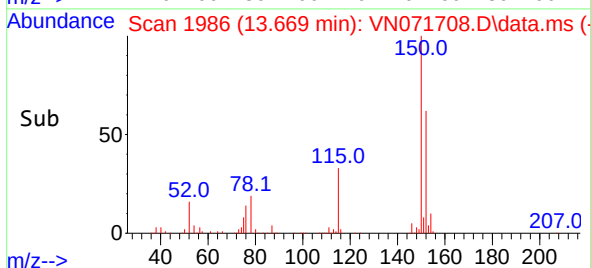
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

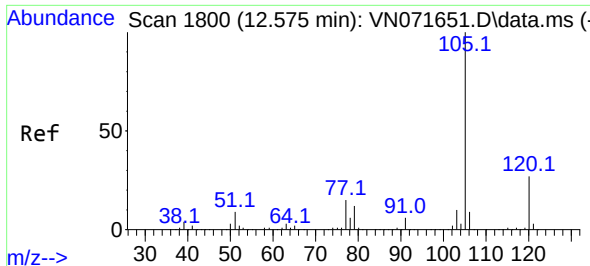


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion:152 Resp: 273353
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 165.3 0.0 356.2





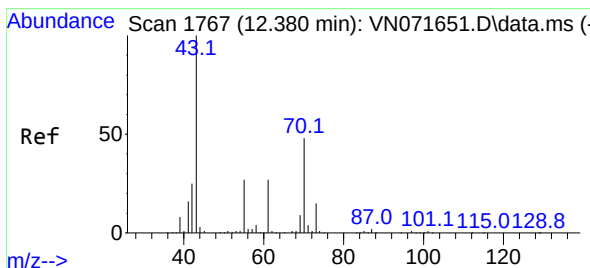
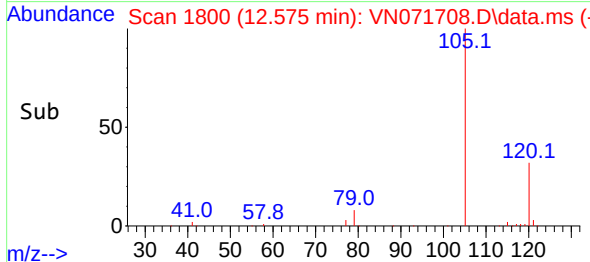
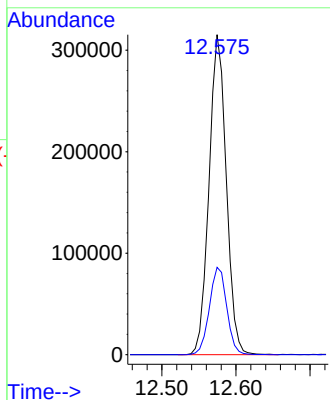
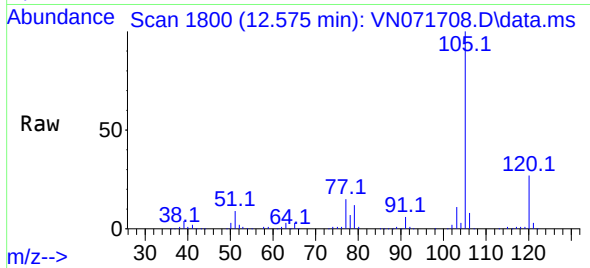
#73
Isopropylbenzene
Concen: 22.115 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02

Tgt Ion:105 Resp: 509410
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4

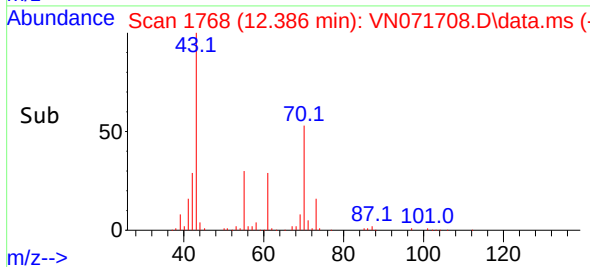
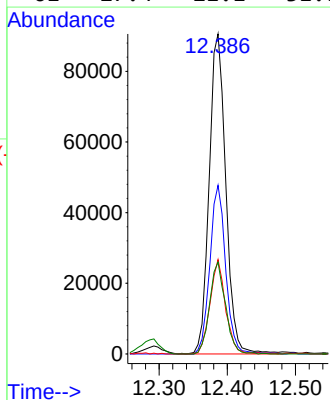
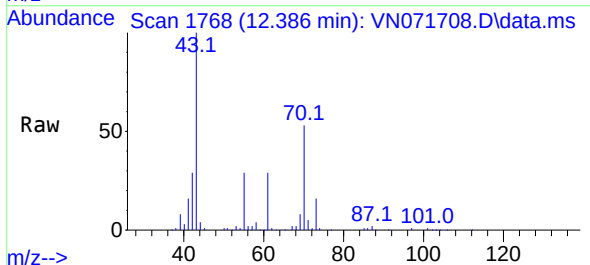
Manual Integrations
APPROVED

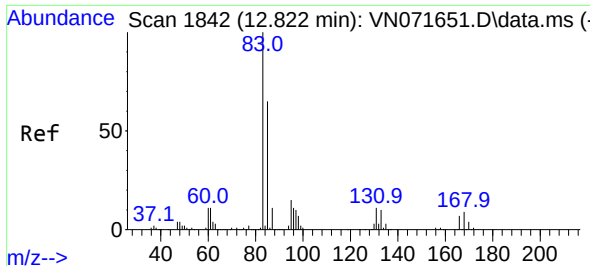
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 23.332 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

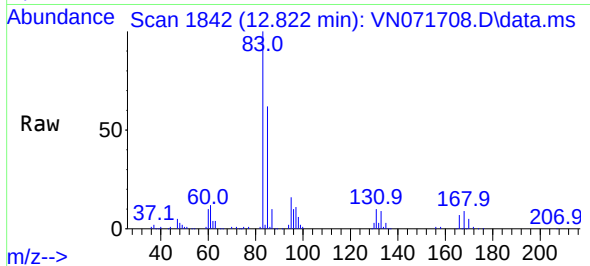
Tgt Ion: 43 Resp: 153987
Ion Ratio Lower Upper
43 100
70 50.3 39.0 58.4
55 27.4 21.1 31.7
61 27.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.908 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

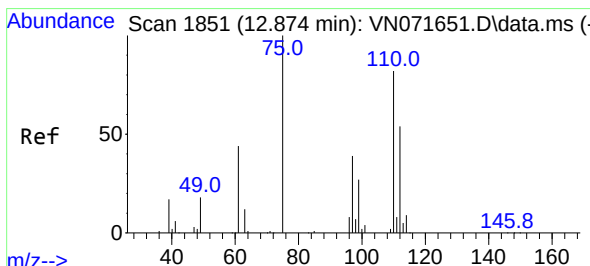
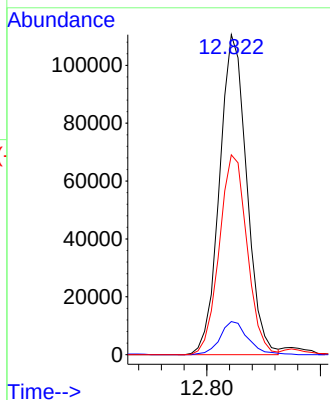
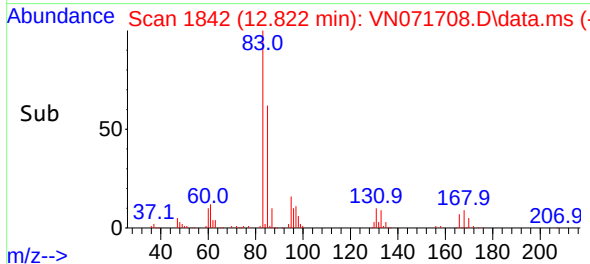
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



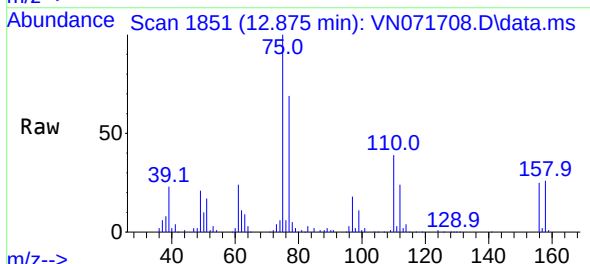
Tgt Ion: 83 Resp: 18375
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

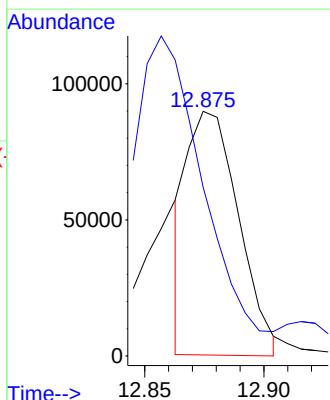
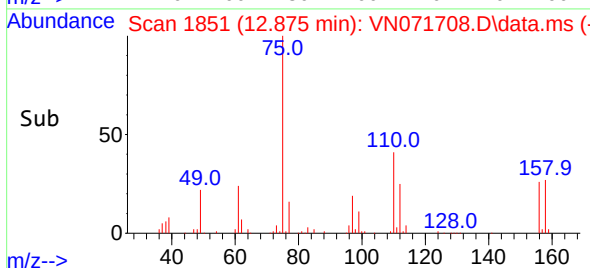
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

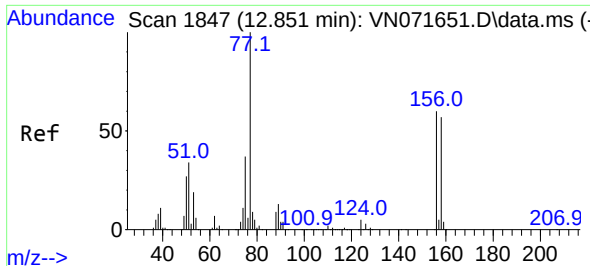


#76
1,2,3-Trichloropropane
Concen: 21.278 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.001 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



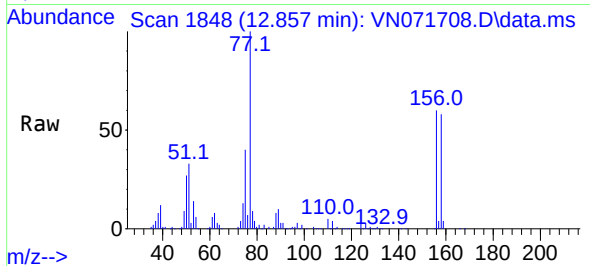
Tgt Ion: 75 Resp: 134744
Ion Ratio Lower Upper
75 100
77 187.5 98.5 295.5





#77
Bromobenzene
Concen: 21.556 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

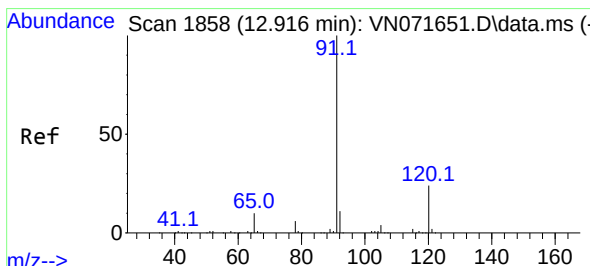
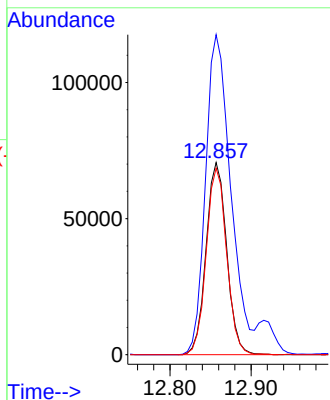
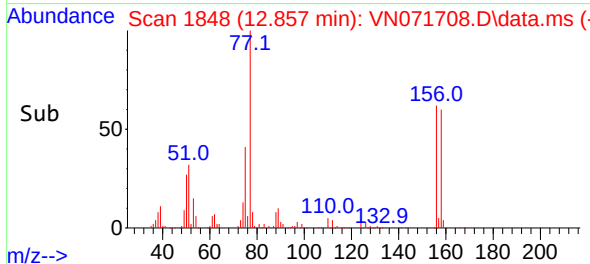
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



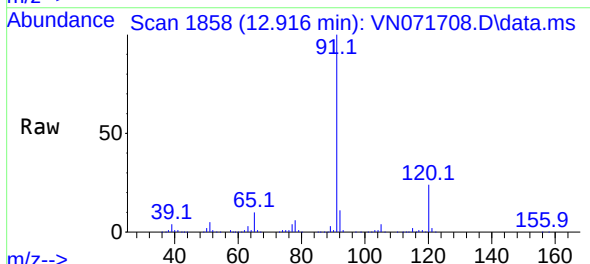
Tgt Ion:156 Resp: 12447
Ion Ratio Lower Upper
156 100
77 203.0 100.5 301.5
158 96.0 48.9 146.6

Manual Integrations
APPROVED

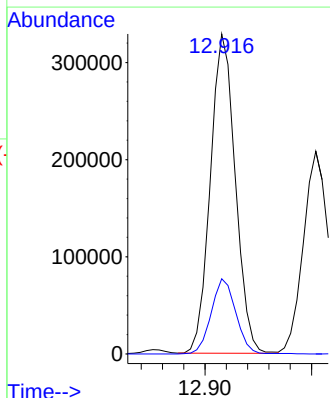
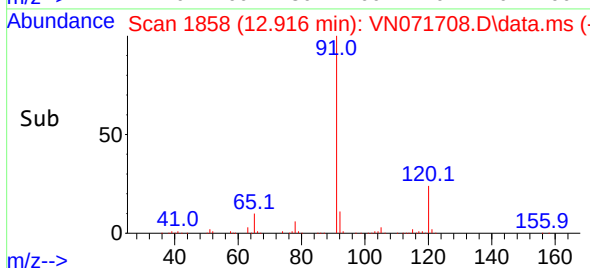
Reviewed By :John Carbone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

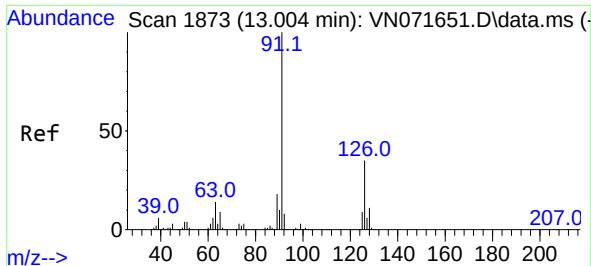


#78
n-propylbenzene
Concen: 22.041 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



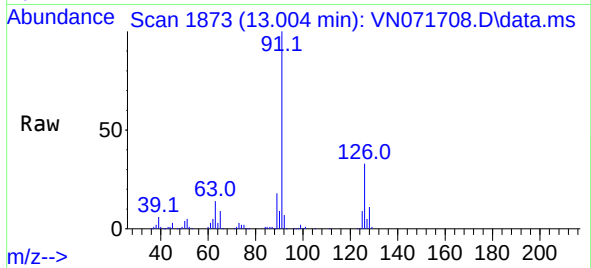
Tgt Ion: 91 Resp: 534071
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 22.239 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

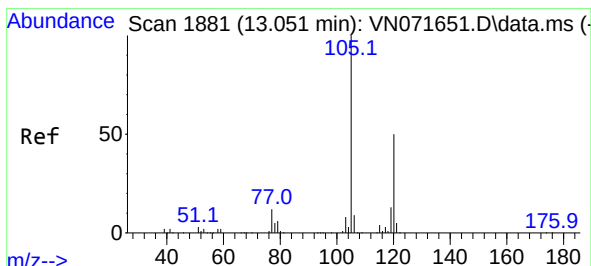
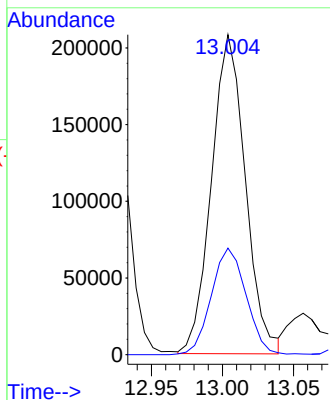
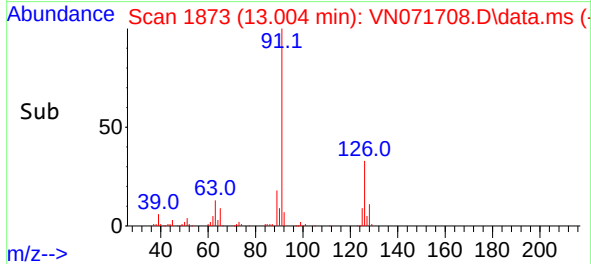
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



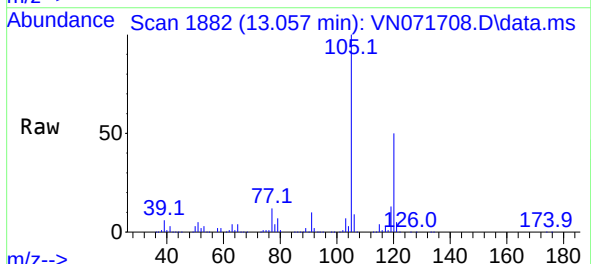
Tgt Ion: 91 Resp: 345574
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.9

Manual Integrations
APPROVED

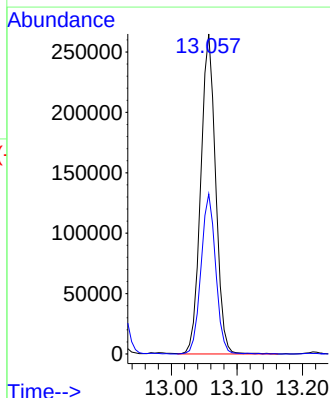
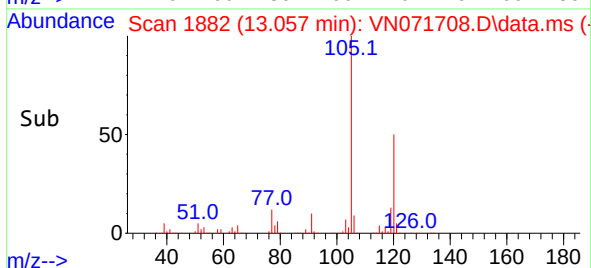
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

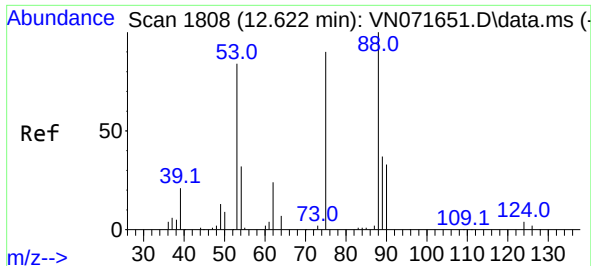


#80
1,3,5-Trimethylbenzene
Concen: 22.941 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



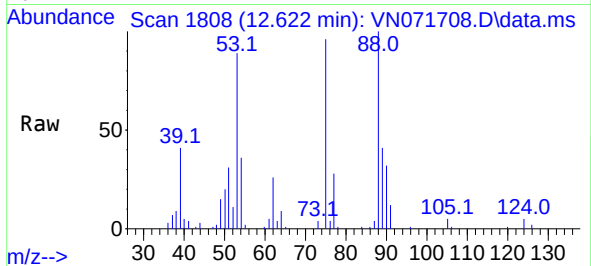
Tgt Ion:105 Resp: 418685
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.693 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

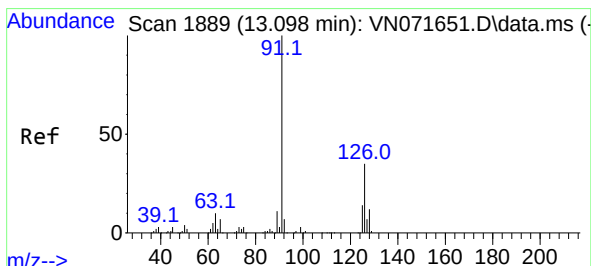
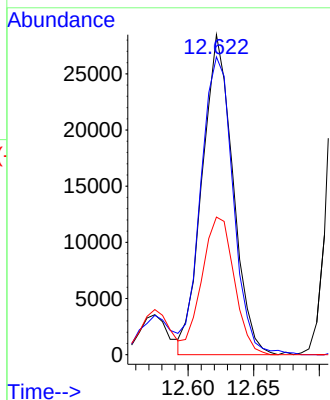
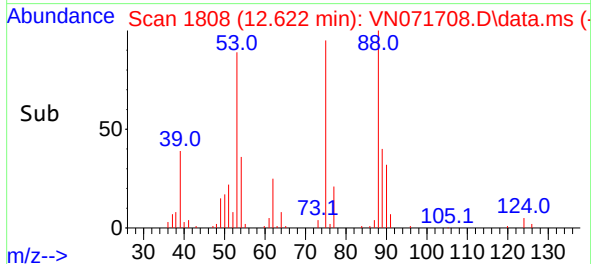
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



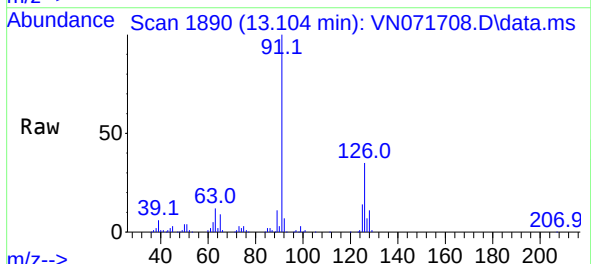
Tgt Ion: 75 Resp: 4637
Ion Ratio Lower Upper
75 100
53 97.9 78.0 117.0
89 45.8 37.2 55.8

Manual Integrations
APPROVED

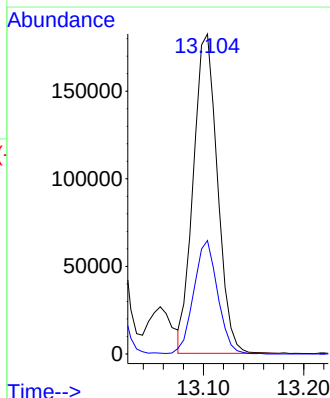
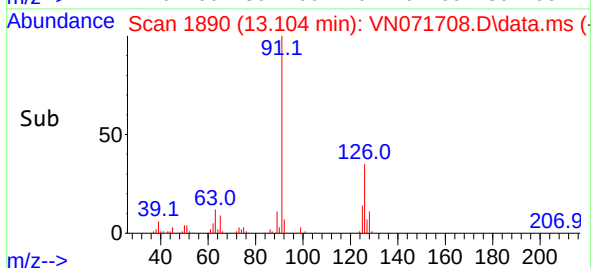
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

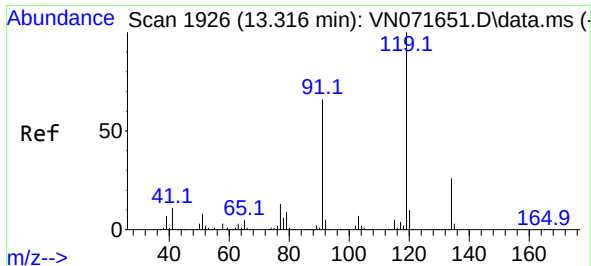


#82
4-Chlorotoluene
Concen: 21.166 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



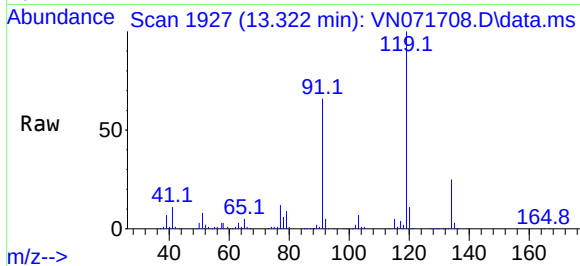
Tgt Ion: 91 Resp: 304865
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.871 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

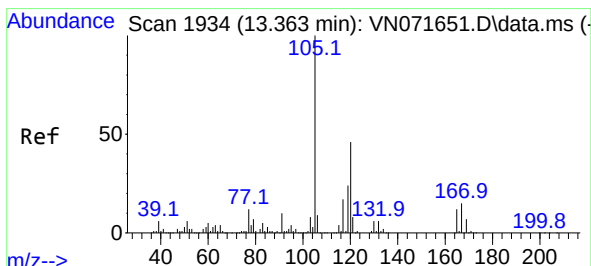
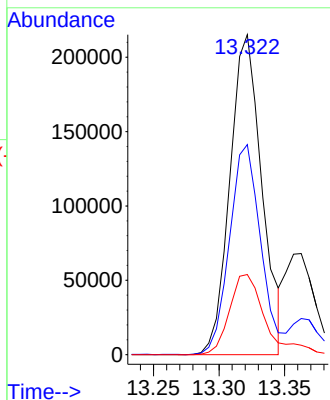
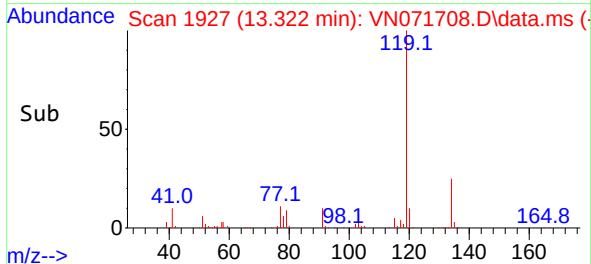
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



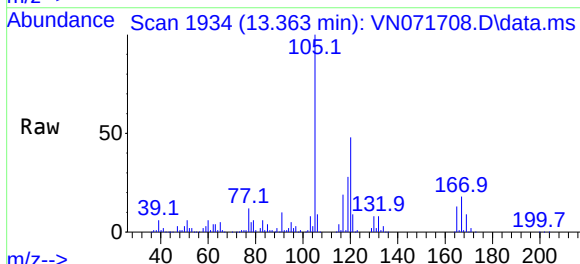
Tgt Ion:119 Resp: 36486
Ion Ratio Lower Upper
119 100
91 64.8 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
APPROVED

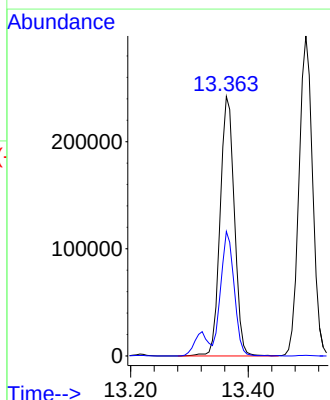
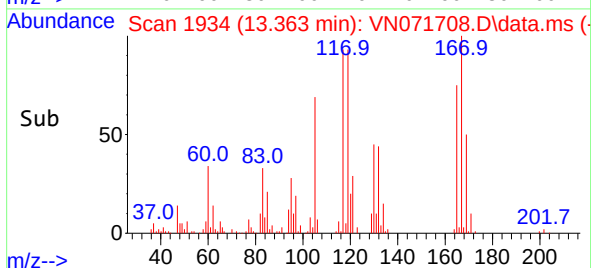
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

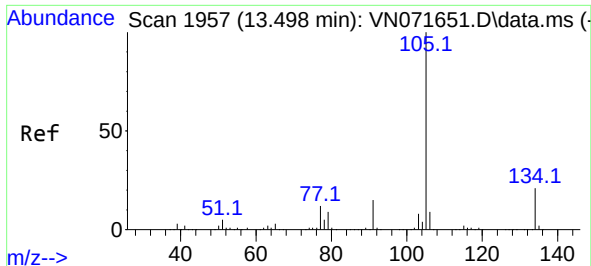


#84
1,2,4-Trimethylbenzene
Concen: 22.769 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



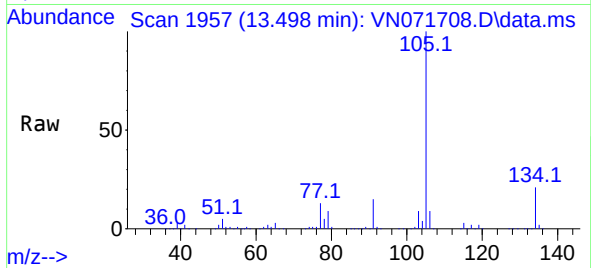
Tgt Ion:105 Resp: 405446
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8





#85
sec-Butylbenzene
Concen: 22.179 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

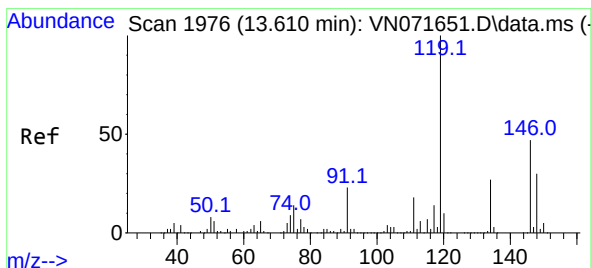
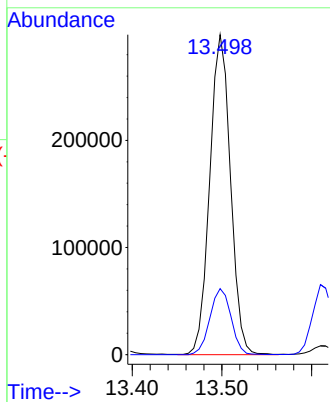
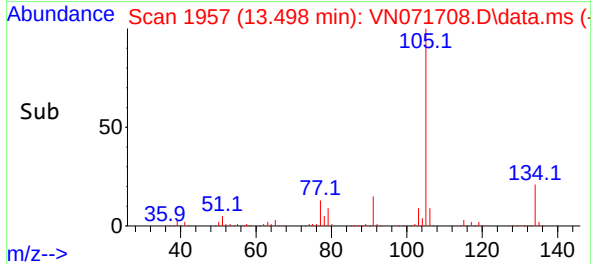
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



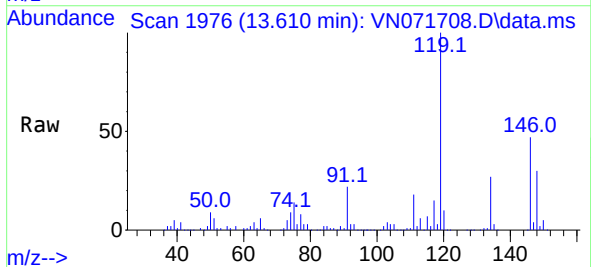
Tgt Ion:105 Resp: 479660
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1

Manual Integrations
APPROVED

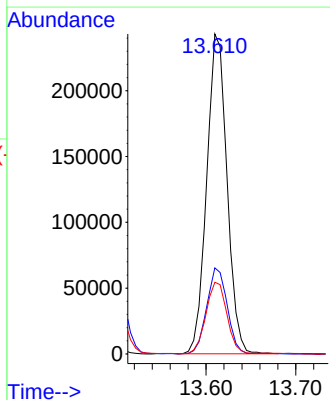
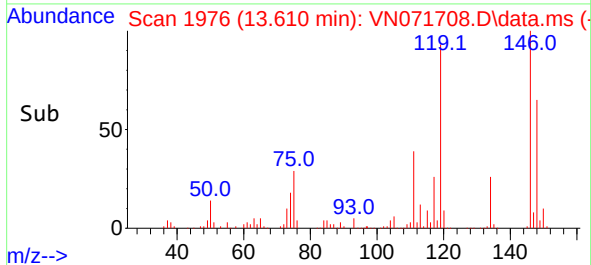
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

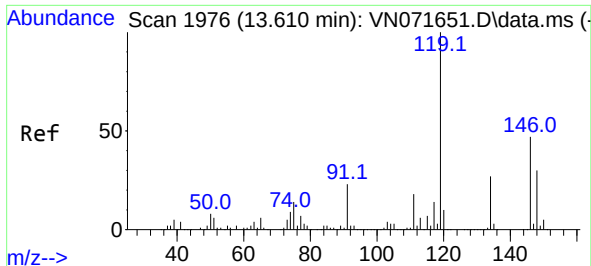


#86
p-Isopropyltoluene
Concen: 22.164 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion:119 Resp: 382189
Ion Ratio Lower Upper
119 100
134 27.2 13.3 39.8
91 23.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.247 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion:146 Resp: 19546

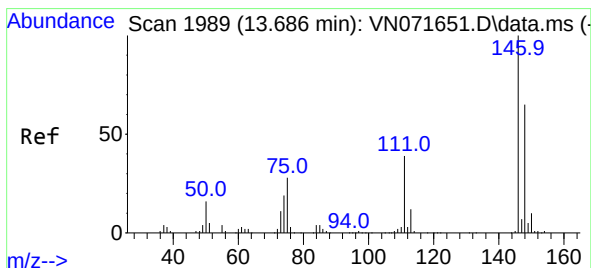
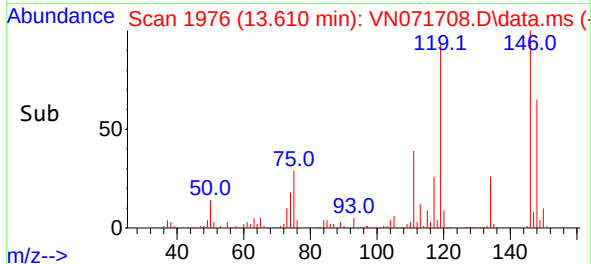
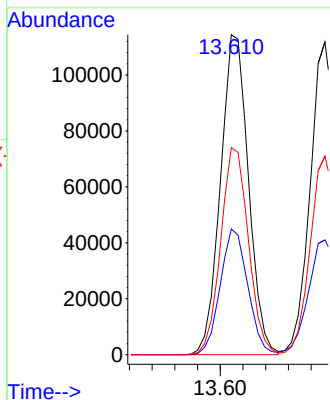
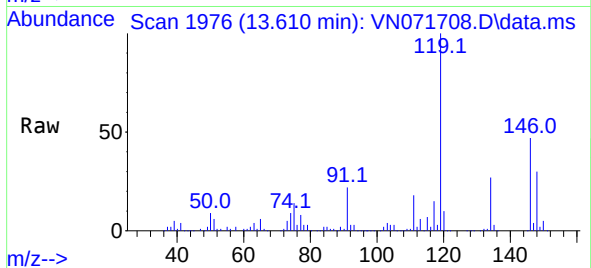
Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	60.0
148	64.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,4-Dichlorobenzene

Concen: 21.042 ug/l

RT: 13.692 min Scan# 1990

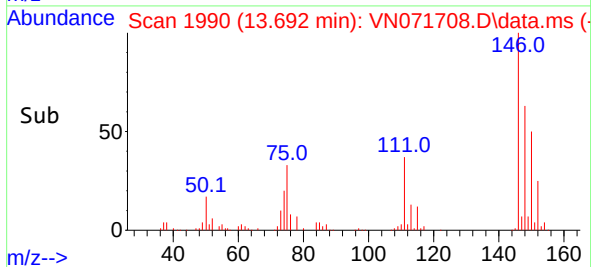
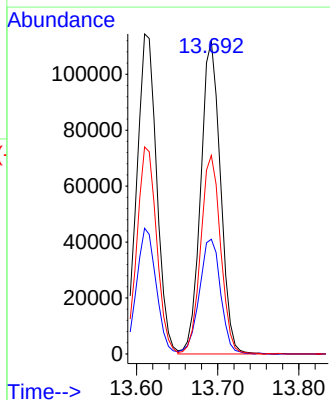
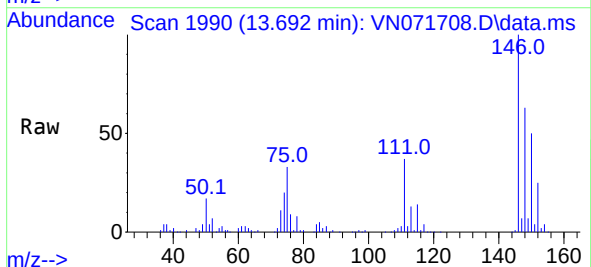
Delta R.T. 0.006 min

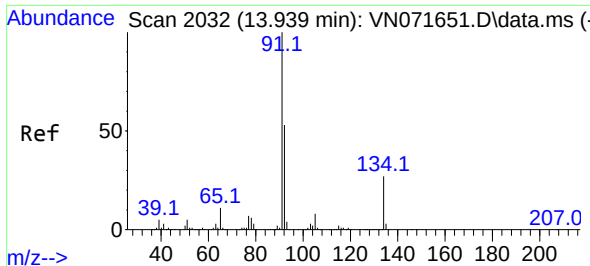
Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Tgt Ion:146 Resp: 188855

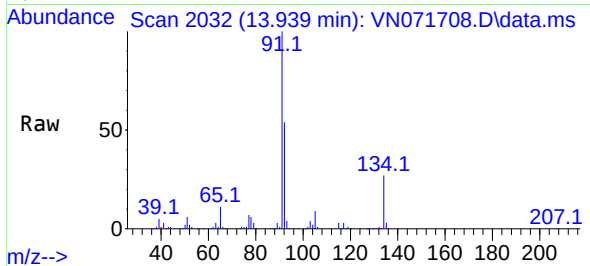
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.1
148	64.0	31.4	94.3





#89
n-Butylbenzene
Concen: 20.465 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

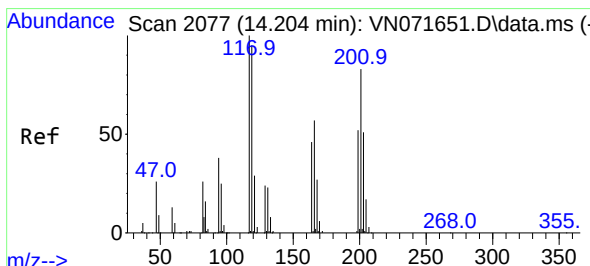
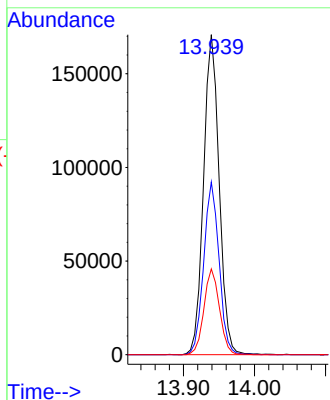
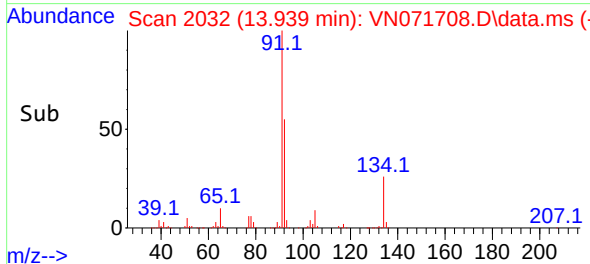
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



Tgt Ion: 91 Resp: 26173
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 26.6 13.6 40.8

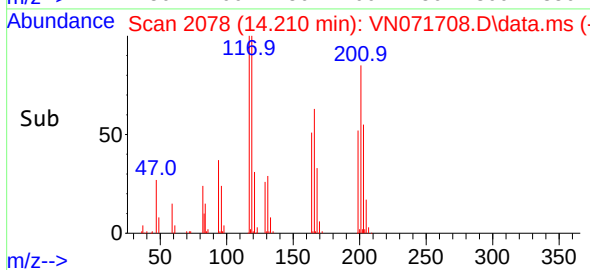
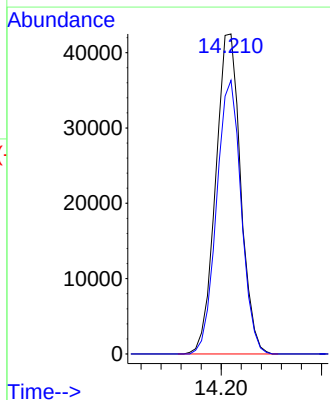
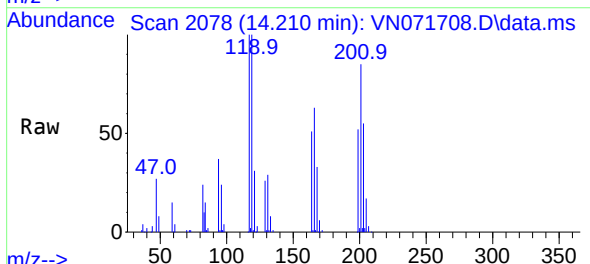
Manual Integrations
APPROVED

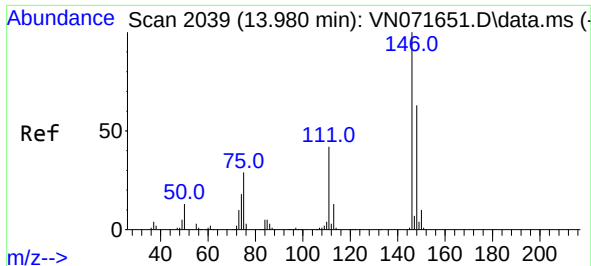
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 23.276 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

Tgt Ion:117 Resp: 73473
Ion Ratio Lower Upper
117 100
201 84.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 21.587 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBSD02

Tgt Ion:146 Resp: 194962

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

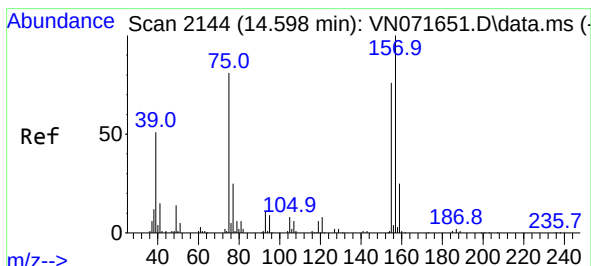
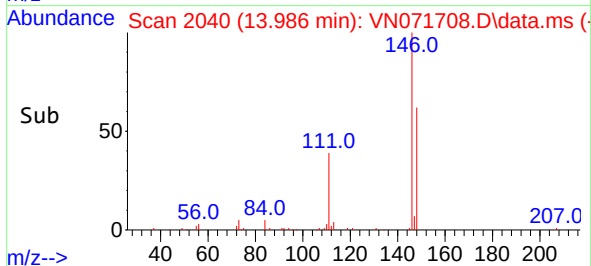
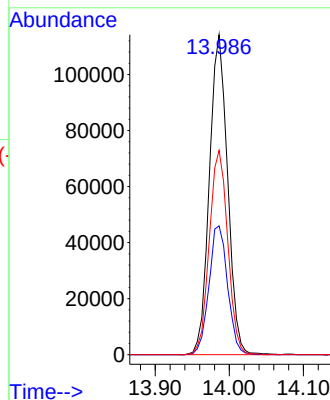
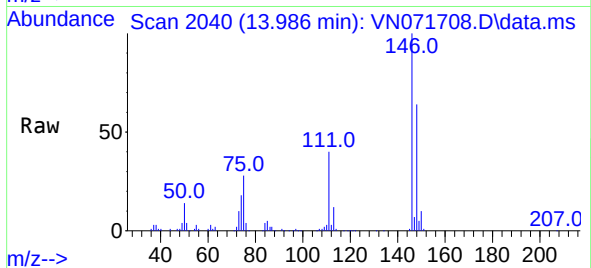
148 64.8 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.225 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071708.D

Acq: 31 Mar 2022 16:49

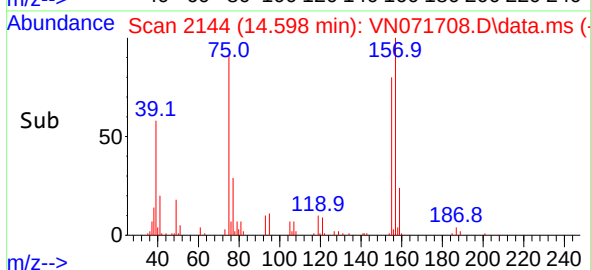
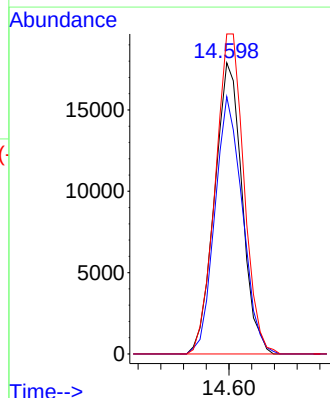
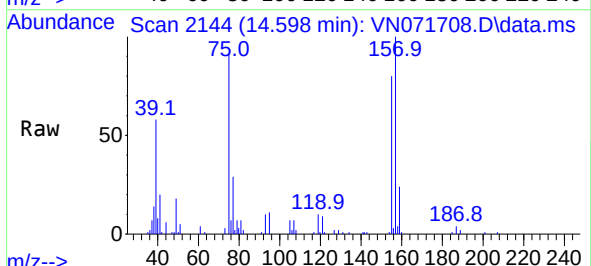
Tgt Ion: 75 Resp: 30072

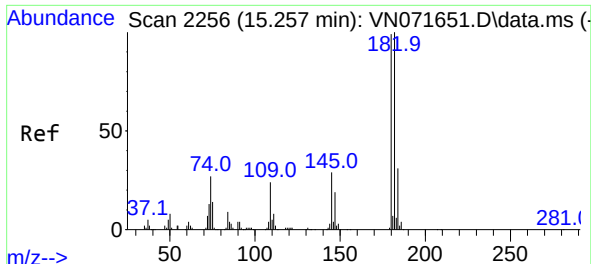
Ion Ratio Lower Upper

75 100

155 88.7 44.9 134.5

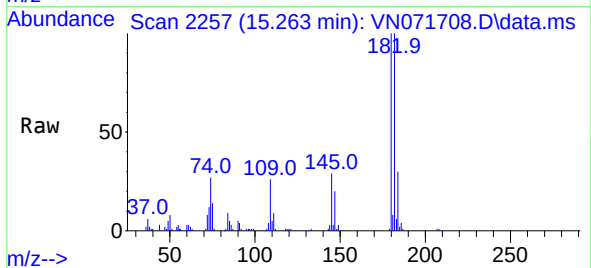
157 114.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.840 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

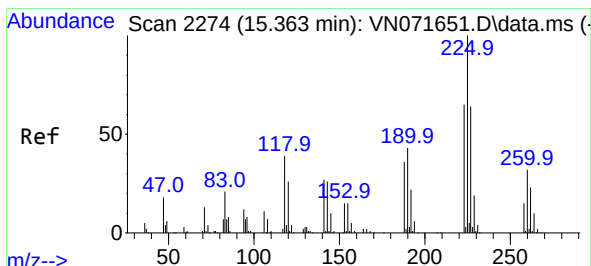
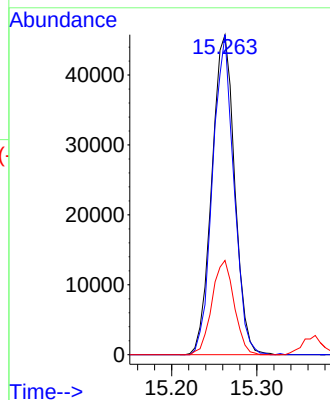
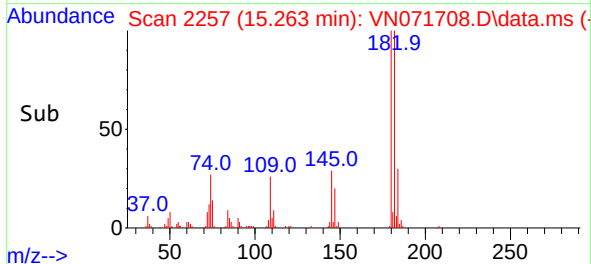
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



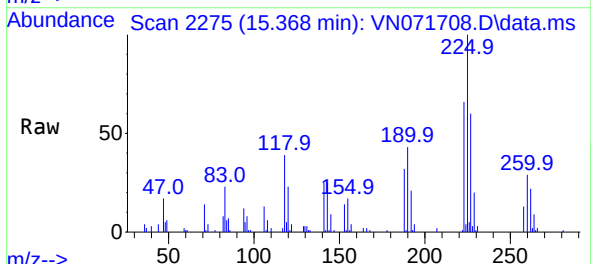
Tgt Ion:180 Resp: 85139
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.5
145 28.7 14.5 43.5

Manual Integrations
APPROVED

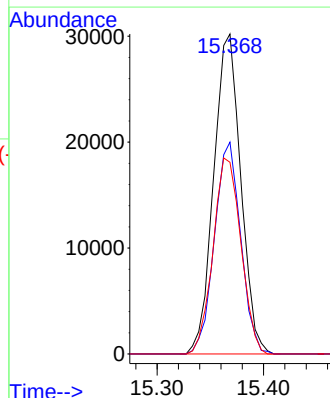
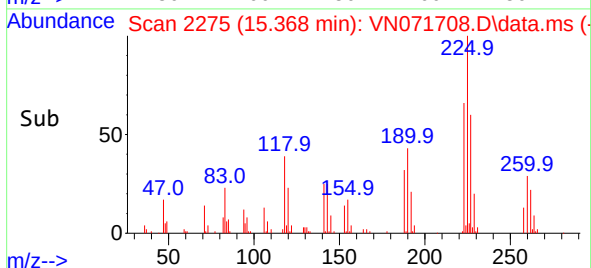
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

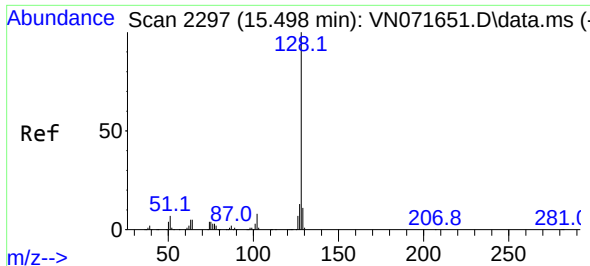


#94
Hexachlorobutadiene
Concen: 20.026 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



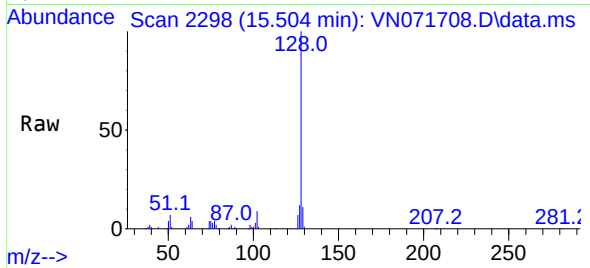
Tgt Ion:225 Resp: 53341
Ion Ratio Lower Upper
225 100
223 64.0 32.4 97.2
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 20.105 ug/l
RT: 15.504 min Scan# 21962
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49

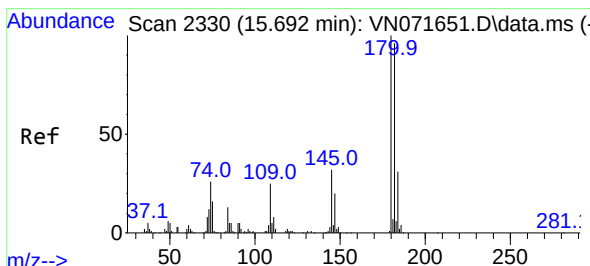
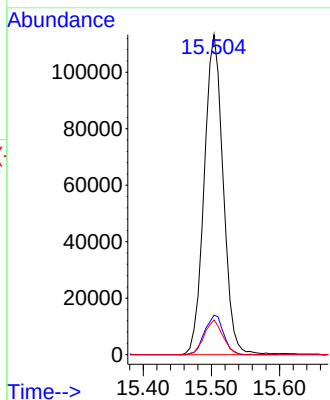
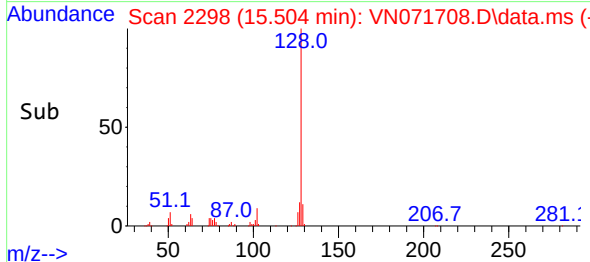
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD02



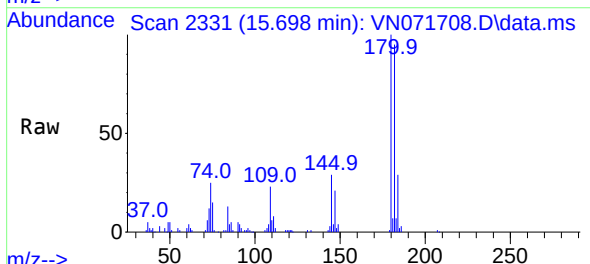
Tgt Ion:128 Resp: 21962
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.110 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071708.D
Acq: 31 Mar 2022 16:49



Tgt Ion:180 Resp: 82786
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 30.3 15.5 46.5

