

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071530.D
 Acq On : 24 Mar 2022 19:58
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 09:33:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	636084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1012002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	904051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	360233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	164146	22.508	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	45.020%#		
35) Dibromofluoromethane	8.022	113	135161	22.576	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	45.160%#		
50) Toluene-d8	10.439	98	542284	22.553	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	45.100%#		
62) 4-Bromofluorobenzene	12.727	95	168239	19.884	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	137068	20.800	ug/l	99
3) Chloromethane	2.299	50	165158	20.028	ug/l	99
4) Vinyl Chloride	2.440	62	184536	21.924	ug/l	96
5) Bromomethane	2.857	94	123006	25.518	ug/l	97
6) Chloroethane	3.016	64	119104	21.513	ug/l	97
7) Trichlorofluoromethane	3.375	101	211658	20.337	ug/l	96
8) Diethyl Ether	3.828	74	88625	19.702	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	126669	19.934	ug/l	99
10) Methyl Iodide	4.422	142	180459	20.482	ug/l	100
11) Tert butyl alcohol	5.357	59	142595	106.188	ug/l	99
12) 1,1-Dichloroethene	4.187	96	123814	19.885	ug/l	95
13) Acrolein	4.045	56	112228	94.647	ug/l	96
14) Allyl chloride	4.840	41	197636	17.082	ug/l	100
15) Acrylonitrile	5.551	53	404893	103.633	ug/l	99
16) Acetone	4.287	43	322452	83.014	ug/l	99
17) Carbon Disulfide	4.534	76	312983	17.820	ug/l	99
18) Methyl Acetate	4.851	43	173232	17.985	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	442038	20.375	ug/l	100
20) Methylene Chloride	5.092	84	147701	20.319	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	131769	19.796	ug/l	97
22) Diisopropyl ether	6.492	45	423920	18.989	ug/l	98
23) Vinyl Acetate	6.434	43	1808286	95.518	ug/l	100
24) 1,1-Dichloroethane	6.386	63	250708	19.778	ug/l	99
25) 2-Butanone	7.333	43	518083	98.212	ug/l	99
26) 2,2-Dichloropropane	7.322	77	211212	20.053	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	164360	21.386	ug/l	96
28) Bromochloromethane	7.651	49	106799	20.918	ug/l	100
29) Tetrahydrofuran	7.681	42	358708	104.233	ug/l	99
30) Chloroform	7.816	83	255221	20.390	ug/l	99
31) Cyclohexane	8.092	56	230491	18.747	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	220834	20.463	ug/l	99
36) 1,1-Dichloropropene	8.222	75	186846	19.205	ug/l	99
37) Ethyl Acetate	7.410	43	215360	20.516	ug/l	99
38) Carbon Tetrachloride	8.204	117	183753	19.193	ug/l	97
39) Methylcyclohexane	9.457	83	231331	18.532	ug/l	98
40) Benzene	8.457	78	588451	20.305	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	92121	17.206	ug/l	97
42) 1,2-Dichloroethane	8.528	62	204001	20.546	ug/l	100
43) Isopropyl Acetate	8.557	43	327369	19.946	ug/l	99
44) Trichloroethene	9.210	130	151161	19.831	ug/l	100
45) 1,2-Dichloropropane	9.486	63	146538	19.863	ug/l	97
46) Dibromomethane	9.575	93	100590	20.597	ug/l	99
47) Bromodichloromethane	9.757	83	194415	19.704	ug/l	100
48) Methyl methacrylate	9.557	41	149895	19.309	ug/l	100
49) 1,4-Dioxane	9.563	88	65845	454.630	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1033762	102.449	ug/l	99
52) Toluene	10.504	92	377181	20.730	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	205774	19.272	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	227365	19.410	ug/l	100
55) 1,1,2-Trichloroethane	10.892	97	148119	20.723	ug/l	98
56) Ethyl methacrylate	10.757	69	221611	20.571	ug/l	99
57) 1,3-Dichloropropane	11.039	76	256135	20.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	243118	119.711	ug/l	100
59) 2-Hexanone	11.080	43	740470	106.161	ug/l	100
60) Dibromochloromethane	11.233	129	150222	20.076	ug/l	99
61) 1,2-Dibromoethane	11.345	107	152002	20.878	ug/l	99
64) Tetrachloroethene	10.974	164	130637	18.922	ug/l	99
65) Chlorobenzene	11.768	112	395618	20.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	143985	20.476	ug/l	98
67) Ethyl Benzene	11.839	91	685259	20.269	ug/l	99
68) m/p-Xylenes	11.951	106	528768	40.567	ug/l	100
69) o-Xylene	12.274	106	263664	20.634	ug/l	100
70) Styrene	12.292	104	401789	19.876	ug/l	99
71) Bromoform	12.457	173	109787	19.616	ug/l #	99
73) Isopropylbenzene	12.574	105	660704	22.494	ug/l	99
74) N-amyl acetate	12.386	43	196099	20.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	221424	23.465	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	170545m	20.697	ug/l	
77) Bromobenzene	12.857	156	158749	22.128	ug/l	98
78) n-propylbenzene	12.915	91	697977	21.276	ug/l	99
79) 2-Chlorotoluene	13.004	91	448334	22.429	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	531487	22.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	59315	22.018	ug/l	96
82) 4-Chlorotoluene	13.104	91	410540	21.326	ug/l	100
83) tert-Butylbenzene	13.321	119	472128	21.101	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	511455	21.950	ug/l	100
85) sec-Butylbenzene	13.498	105	623204	21.135	ug/l	99
86) p-Isopropyltoluene	13.610	119	497510	20.644	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	256291	20.420	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	249699	20.290	ug/l	98
89) n-Butylbenzene	13.939	91	344076	17.730	ug/l	100
90) Hexachloroethane	14.204	117	92611	21.378	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	257958	21.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38113	24.761	ug/l	97
93) 1,2,4-Trichlorobenzene	15.256	180	106705	18.551	ug/l	99
94) Hexachlorobutadiene	15.362	225	71477	17.157	ug/l	98
95) Naphthalene	15.504	128	286155	22.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	109288	20.667	ug/l	98

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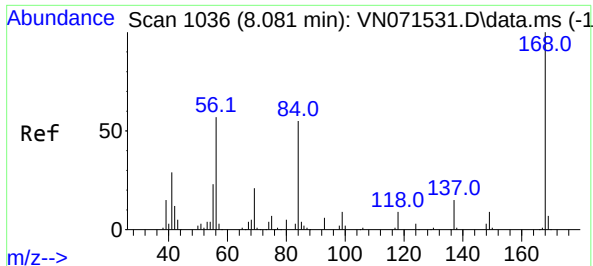
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

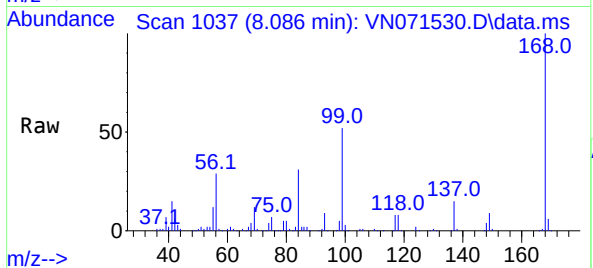
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
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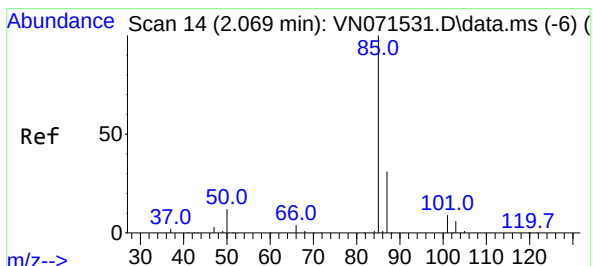
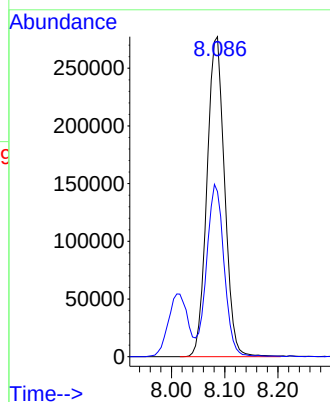
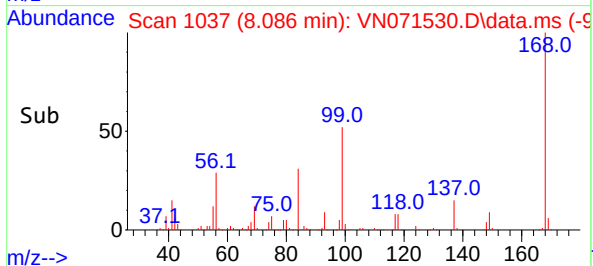
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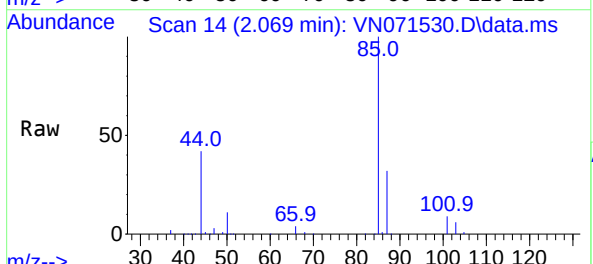
Tgt Ion:168 Resp: 636084
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5

Manual Integrations
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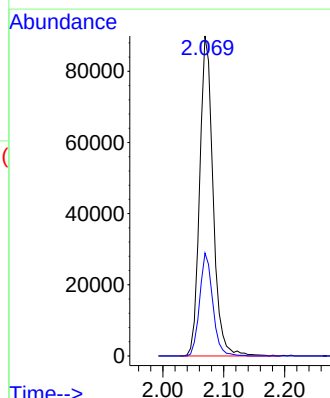
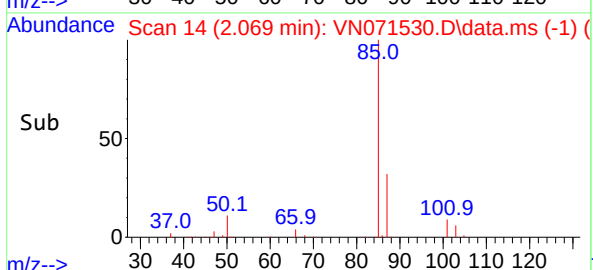
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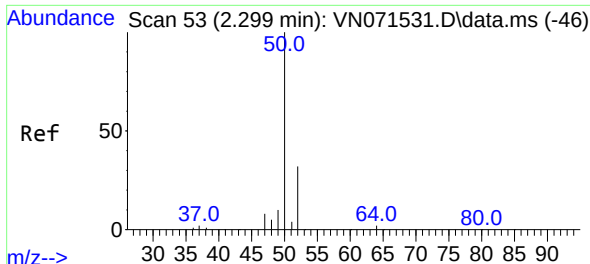


#2
Dichlorodifluoromethane
Concen: 20.800 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



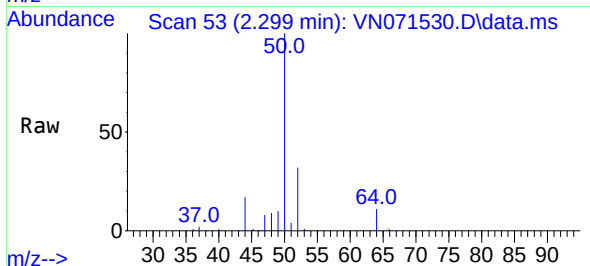
Tgt Ion: 85 Resp: 137068
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 20.028 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

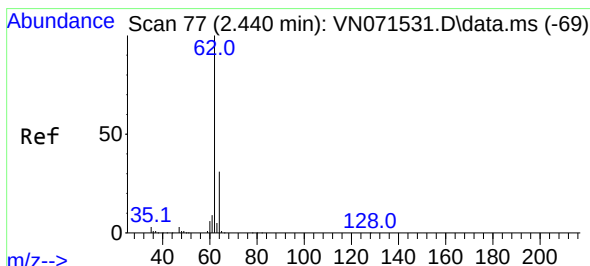
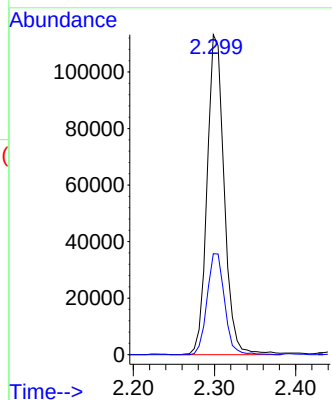
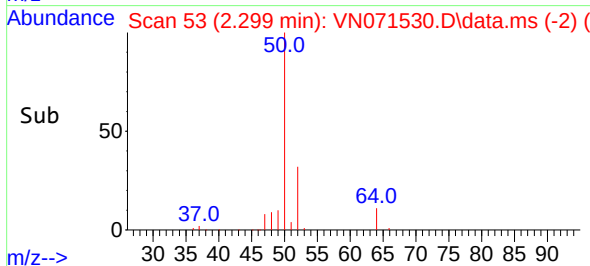
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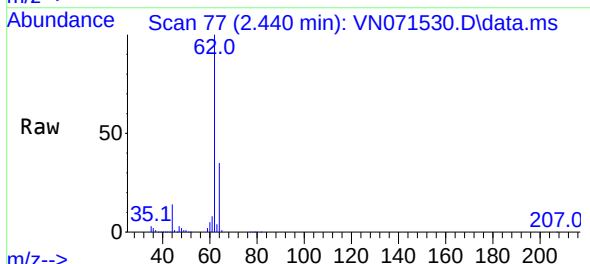
Tgt Ion: 50 Resp: 165158
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5

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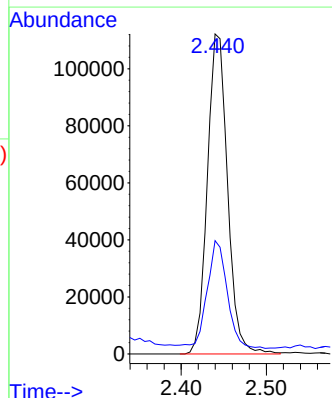
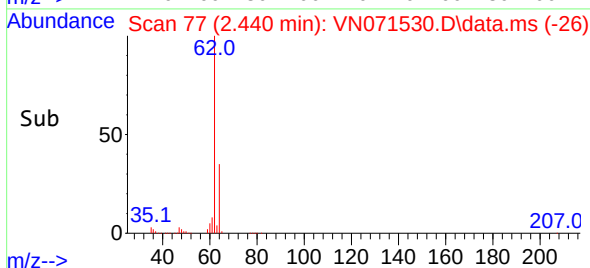
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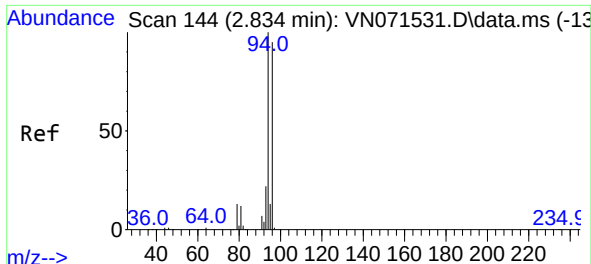


#4
Vinyl Chloride
Concen: 21.924 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



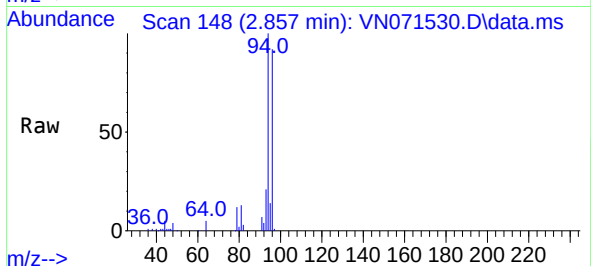
Tgt Ion: 62 Resp: 184536
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.4





#5
Bromomethane
Concen: 25.518 ug/l
RT: 2.857 min Scan# 144
Delta R.T. 0.023 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

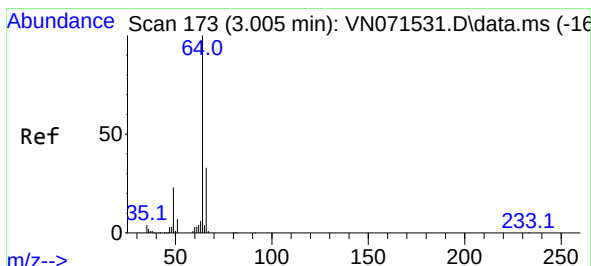
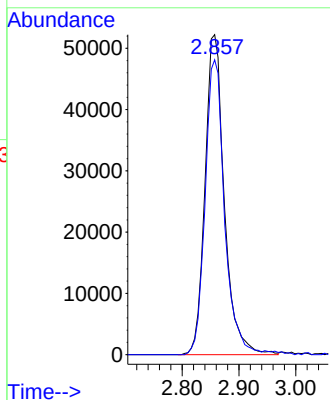
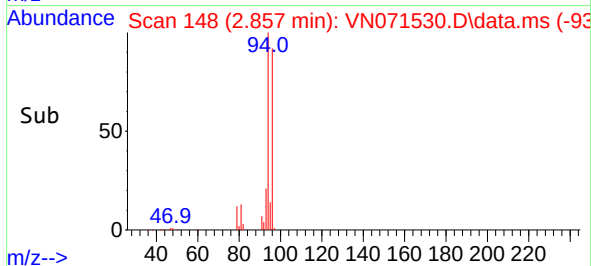
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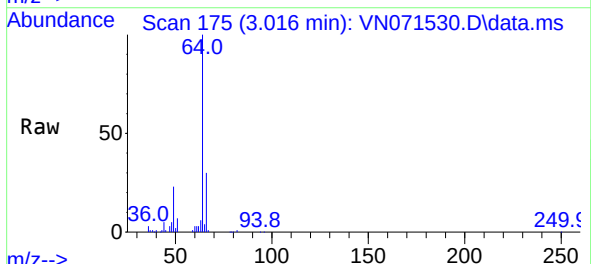
Tgt Ion: 94 Resp: 123000
Ion Ratio Lower Upper
94 100
96 92.2 76.0 114.0

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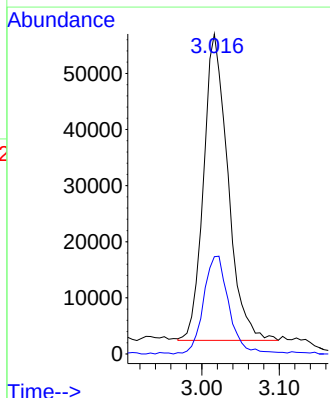
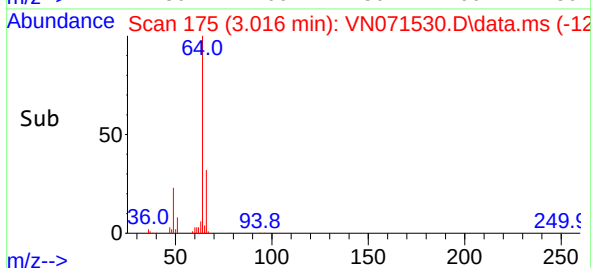
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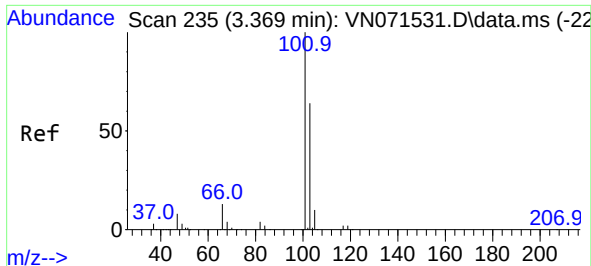


#6
Chloroethane
Concen: 21.513 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
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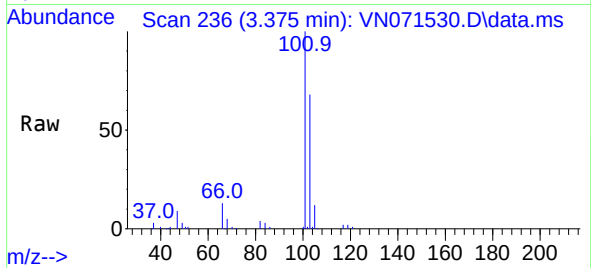
Tgt Ion: 64 Resp: 119104
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.337 ug/l
RT: 3.375 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071530.D
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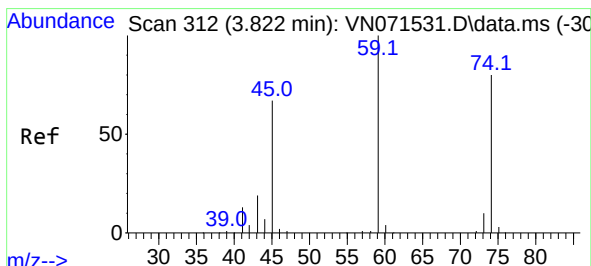
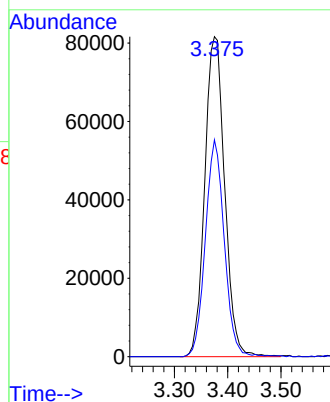
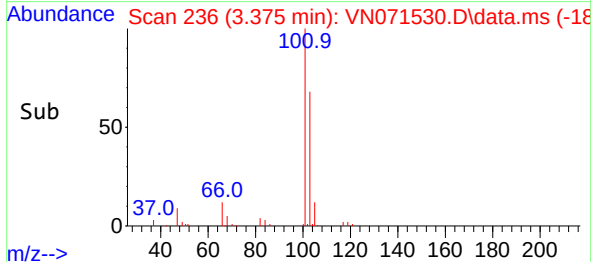
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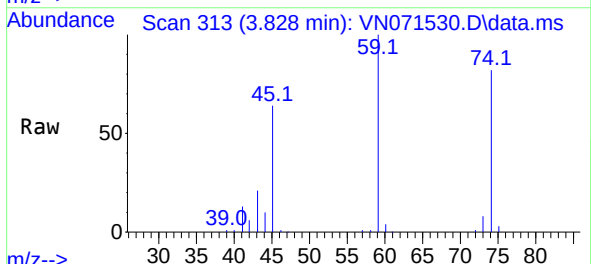
Tgt Ion:101 Resp: 211658
Ion Ratio Lower Upper
101 100
103 67.7 51.5 77.3

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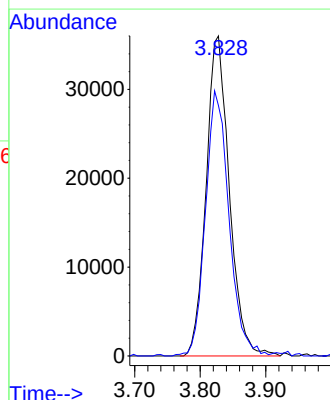
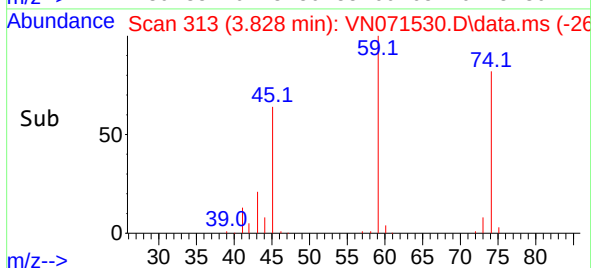
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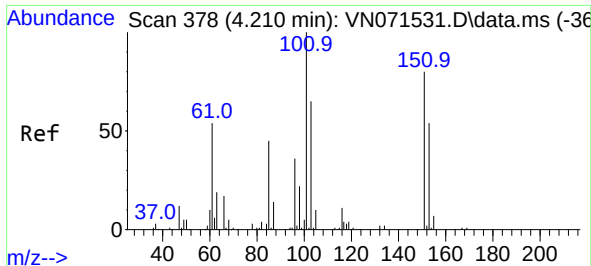


#8
Diethyl Ether
Concen: 19.702 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 88625
Ion Ratio Lower Upper
74 100
45 84.1 42.9 128.5





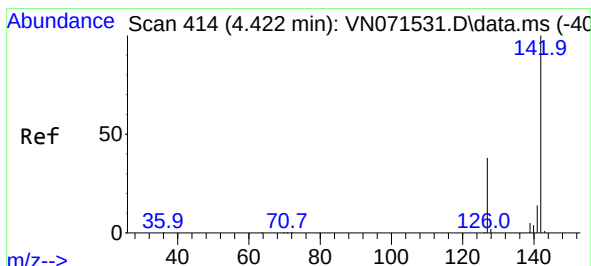
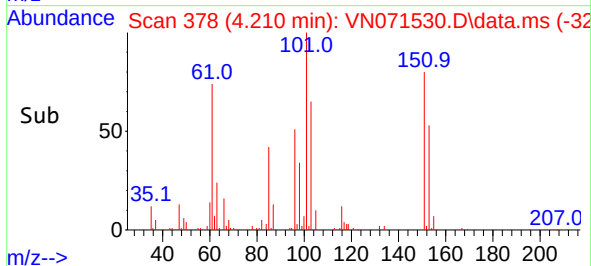
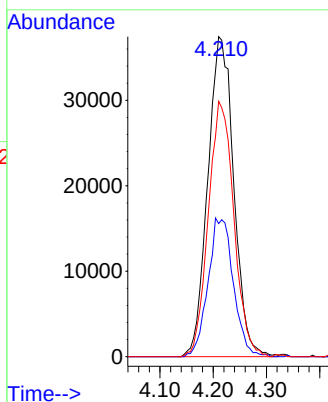
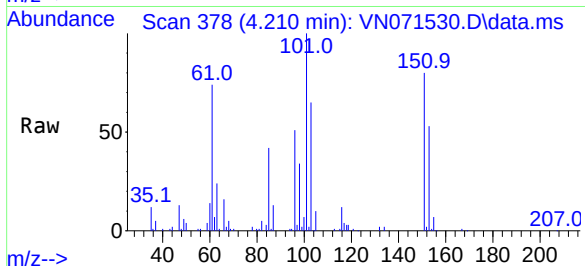
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.934 ug/l
RT: 4.210 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 126669
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 78.5 63.0 94.4

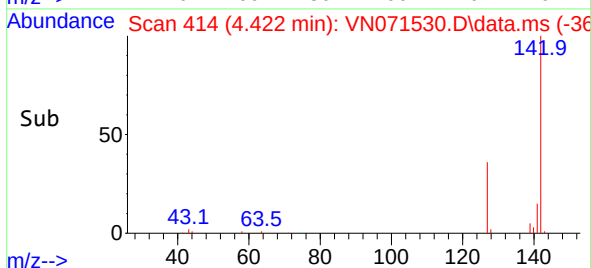
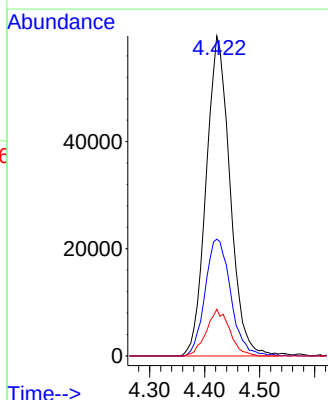
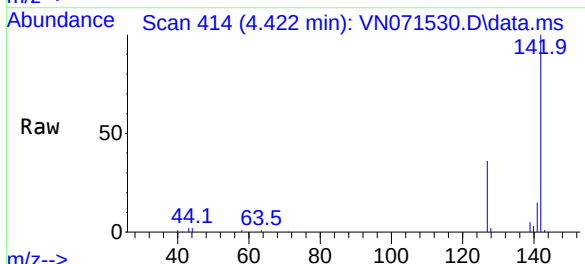
Manual Integrations
APPROVED

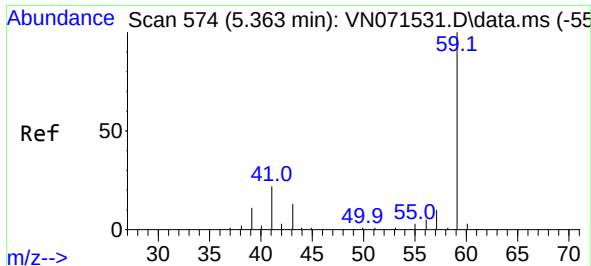
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 20.482 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:142 Resp: 180459
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 14.2 11.2 16.8





#11

Tert butyl alcohol

Concen: 106.188 ug/l

RT: 5.357 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 14259

Ion Ratio Lower Upper

59 100

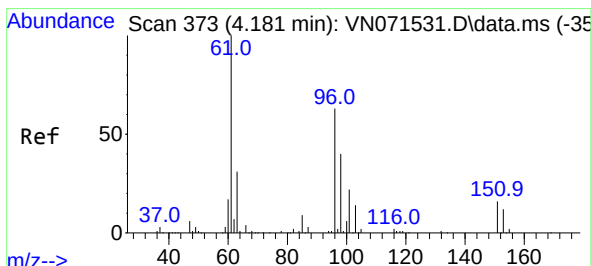
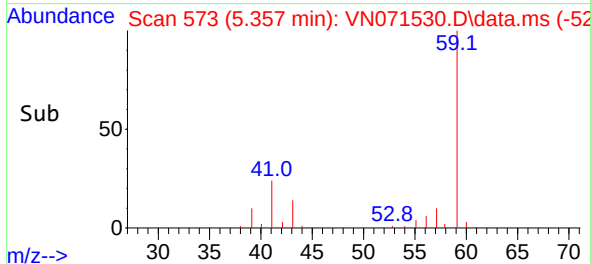
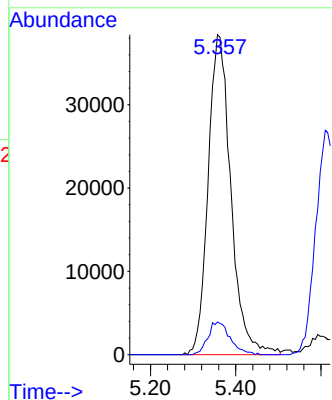
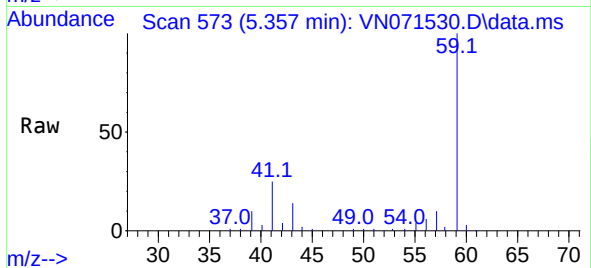
57 10.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#12

1,1-Dichloroethene

Concen: 19.885 ug/l

RT: 4.187 min Scan# 374

Delta R.T. 0.006 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

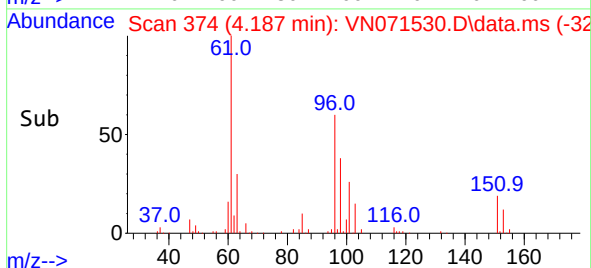
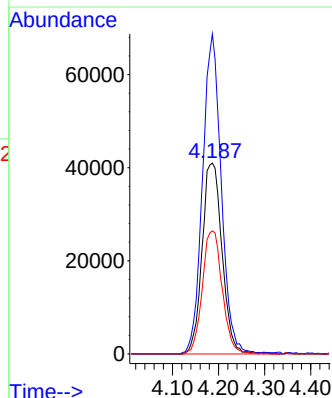
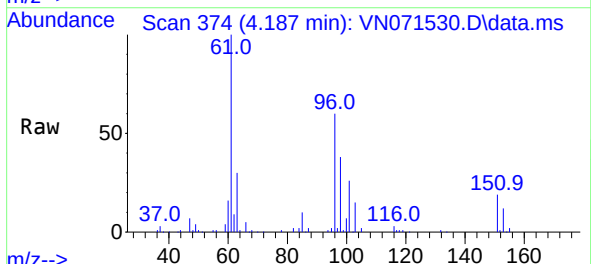
Tgt Ion: 96 Resp: 123814

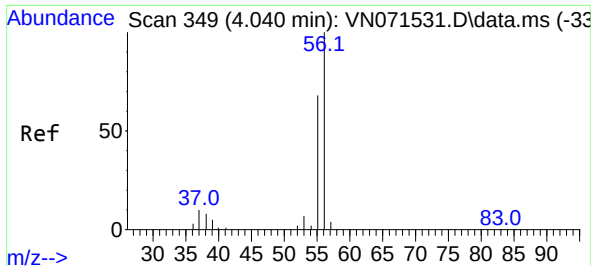
Ion Ratio Lower Upper

96 100

61 167.7 127.6 191.4

98 64.5 51.2 76.8





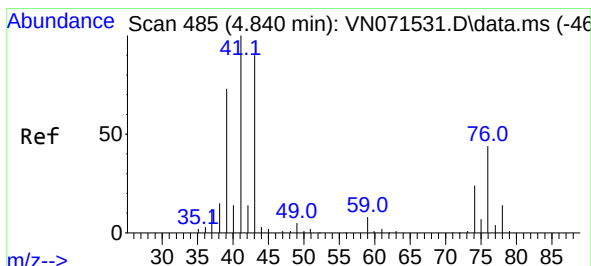
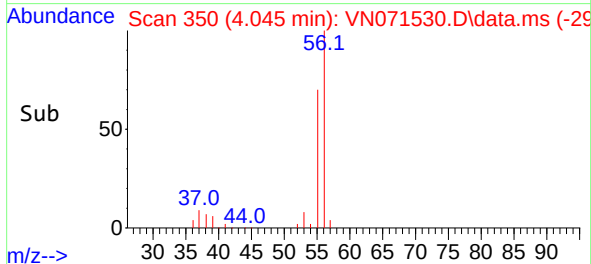
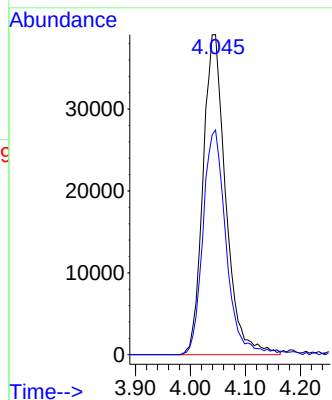
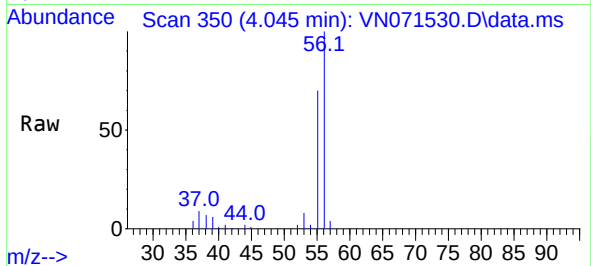
#13
Acrolein
Concen: 94.647 ug/l
RT: 4.045 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 112228
Ion Ratio Lower Upper
56 100
55 71.6 54.8 82.2

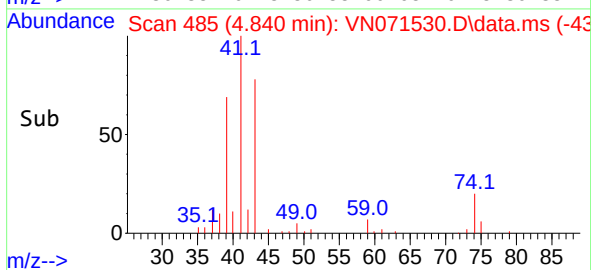
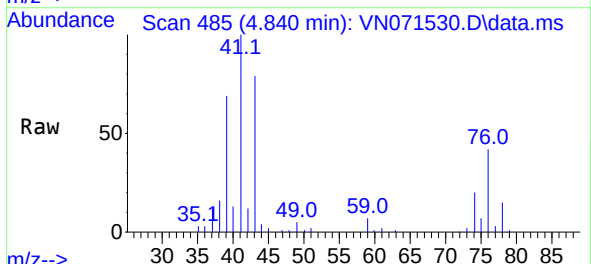
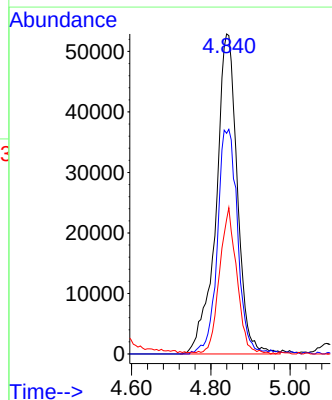
Manual Integrations
APPROVED

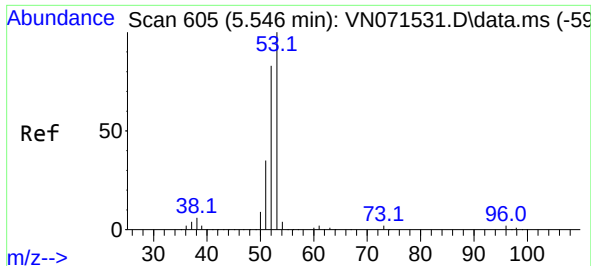
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Allyl chloride
Concen: 17.082 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion: 41 Resp: 197636
Ion Ratio Lower Upper
41 100
39 66.2 53.2 79.8
76 37.4 29.9 44.9





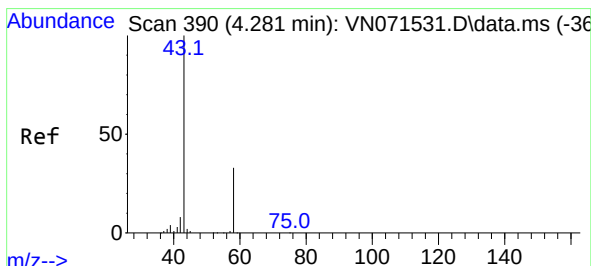
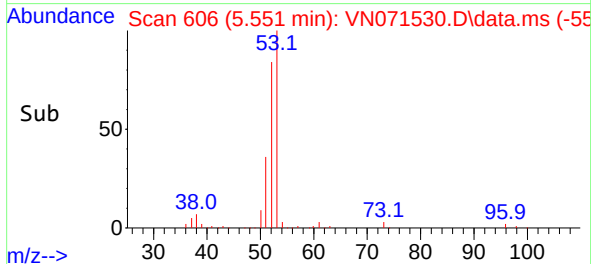
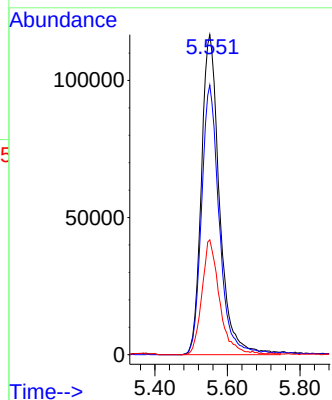
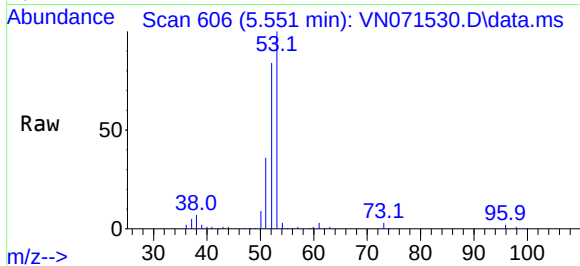
#15
Acrylonitrile
Concen: 103.633 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 40489
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 34.7 28.5 42.7

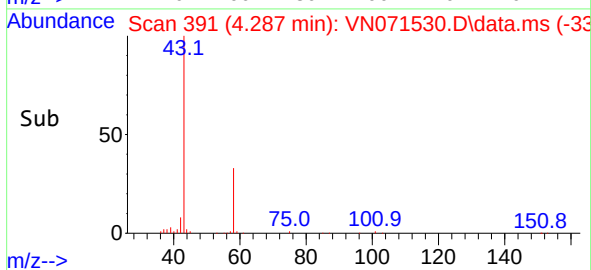
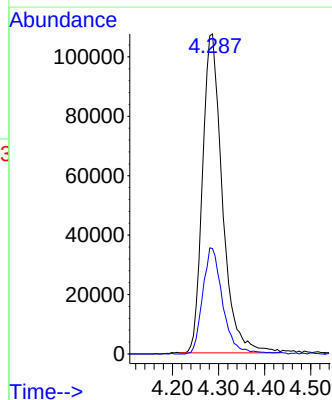
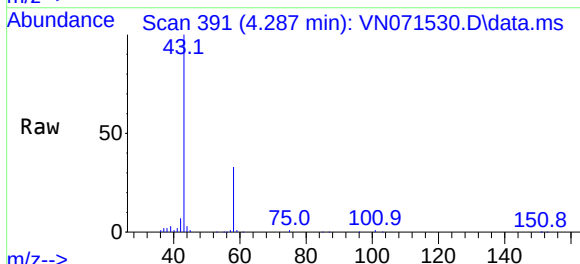
Manual Integrations
APPROVED

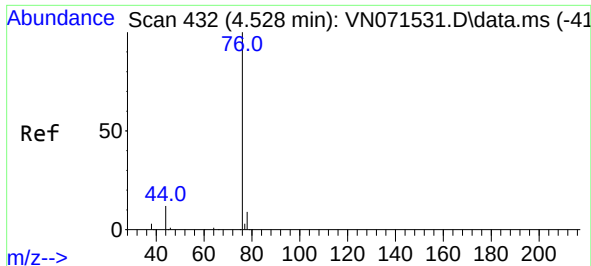
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 83.014 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion: 43 Resp: 322452
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0





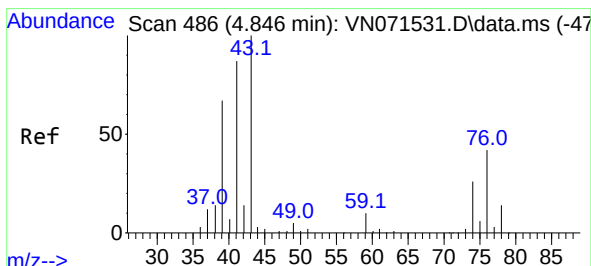
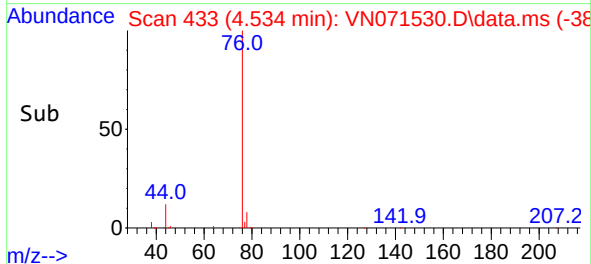
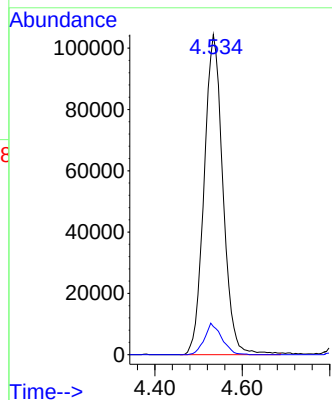
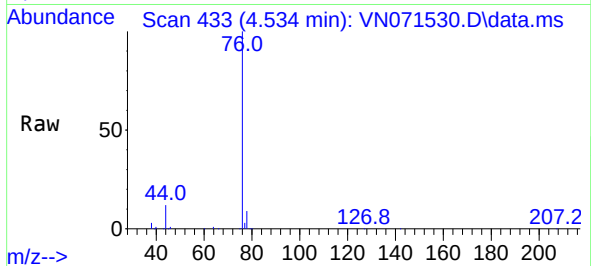
#17
Carbon Disulfide
Concen: 17.820 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 31298
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

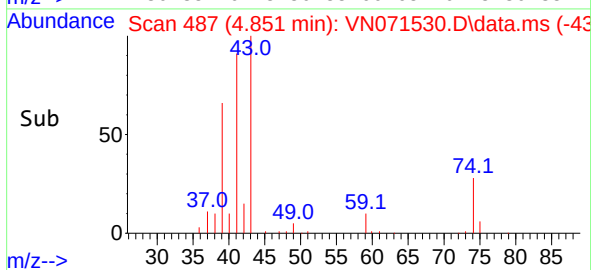
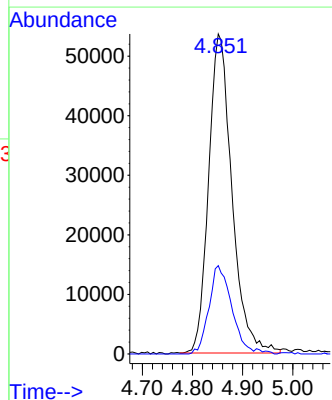
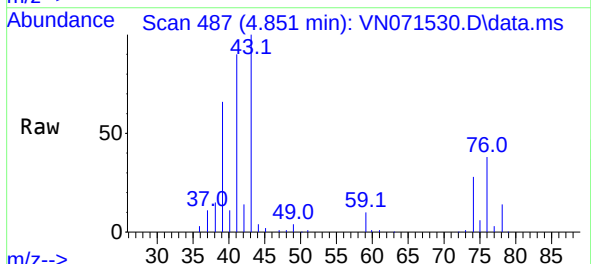
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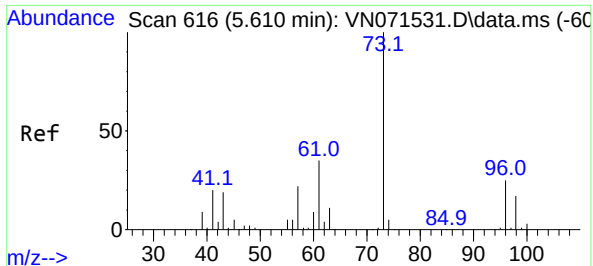
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#18
Methyl Acetate
Concen: 17.985 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion: 43 Resp: 173232
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 20.375 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 442038

Ion Ratio Lower Upper

73 100

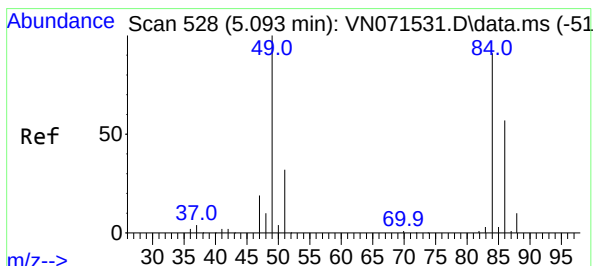
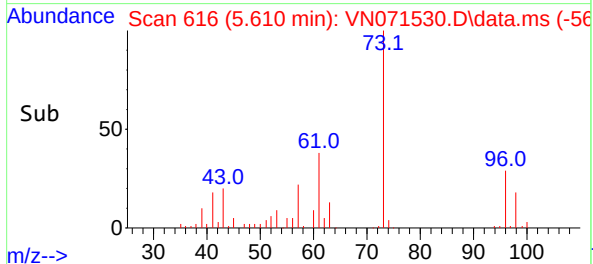
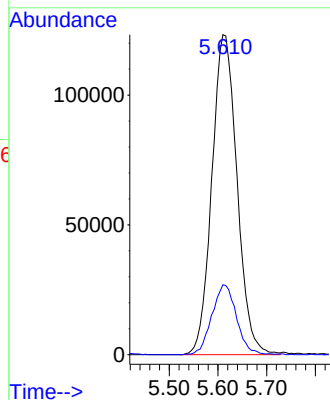
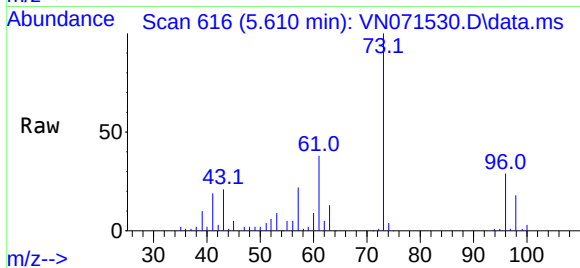
57 21.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 20.319 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Tgt Ion: 84 Resp: 147701

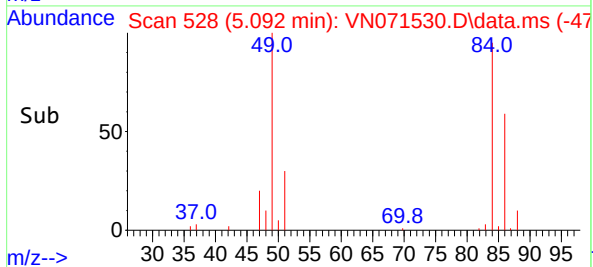
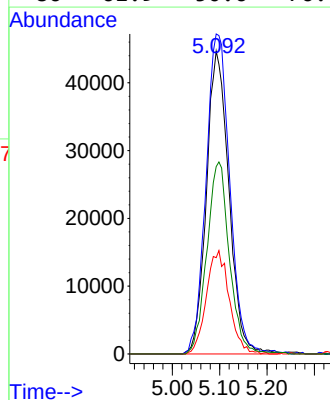
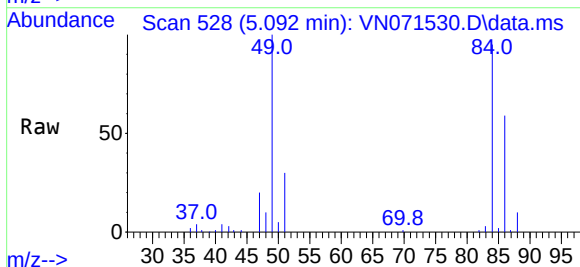
Ion Ratio Lower Upper

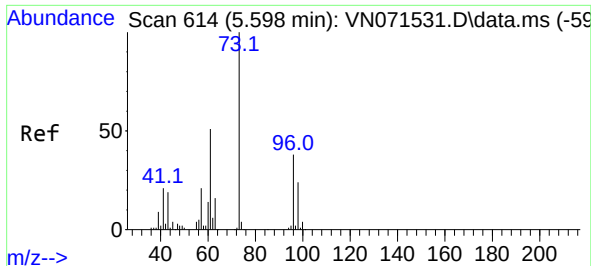
84 100

49 105.7 88.3 132.5

51 31.8 28.2 42.2

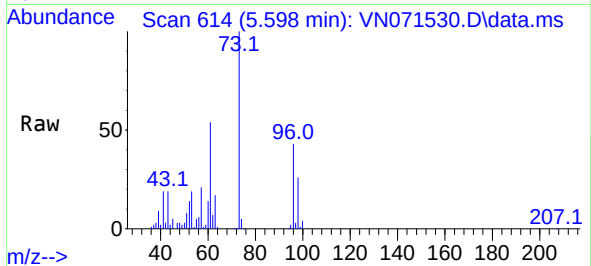
86 61.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.796 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

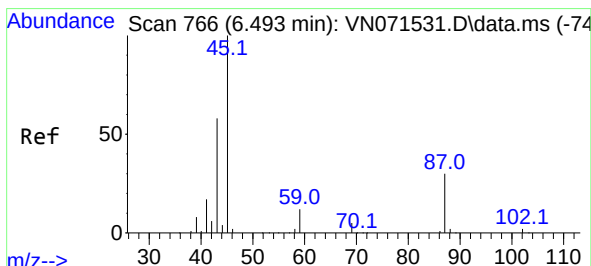
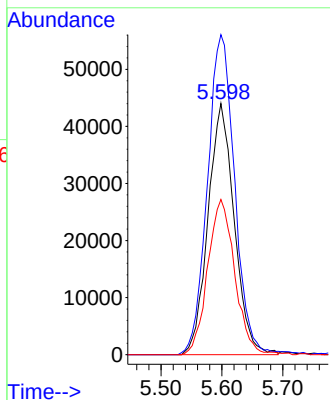
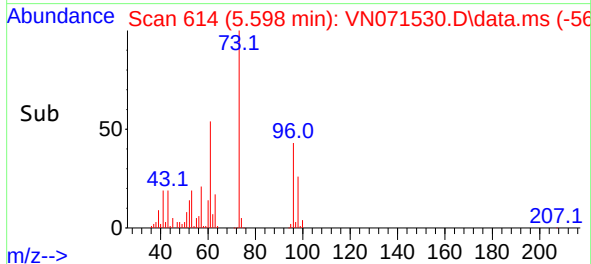
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



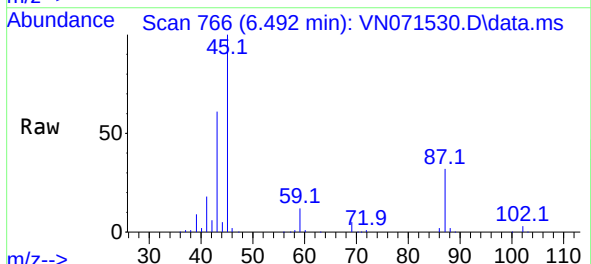
Tgt Ion: 96 Resp: 131769
Ion Ratio Lower Upper
96 100
61 127.4 105.8 158.8
98 61.8 50.3 75.5

Manual Integrations
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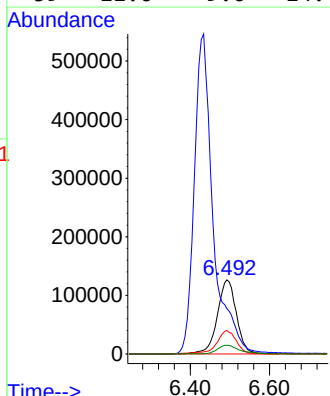
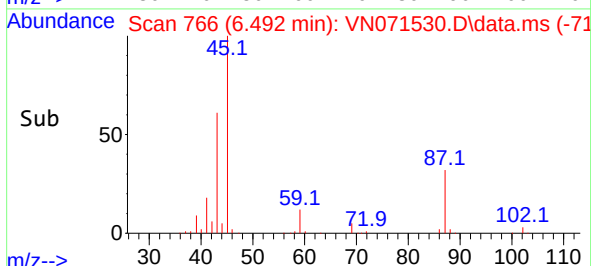
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

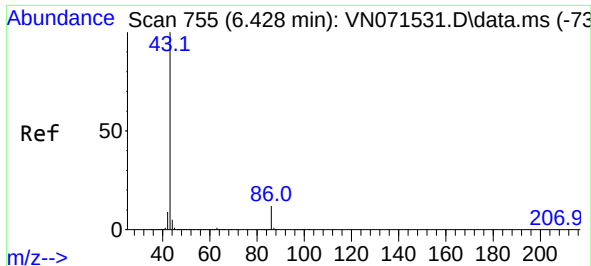


#22
Diisopropyl ether
Concen: 18.989 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion: 45 Resp: 423920
Ion Ratio Lower Upper
45 100
43 60.1 46.6 70.0
87 31.6 24.3 36.5
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 95.518 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

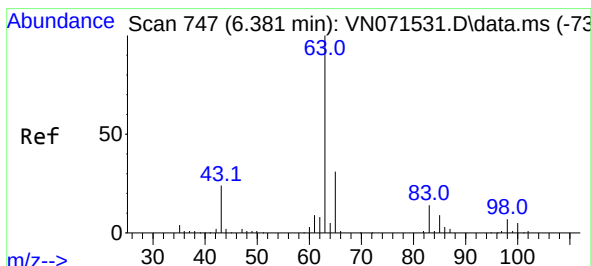
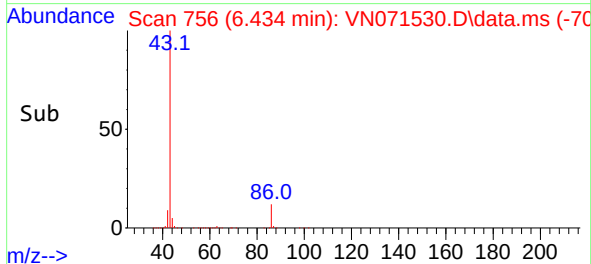
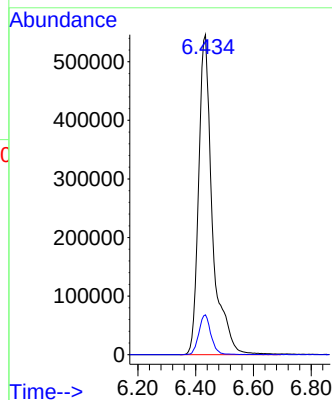
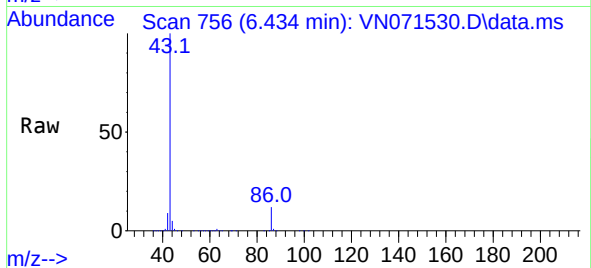
VSTDICC020

Tgt Ion: 43 Resp: 180828
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations

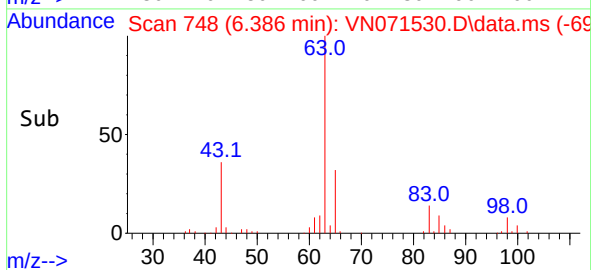
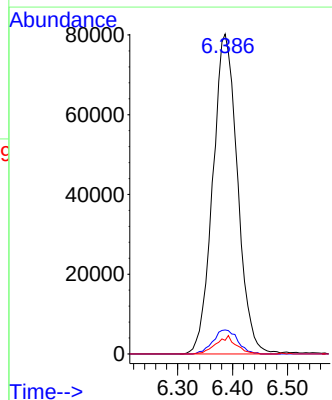
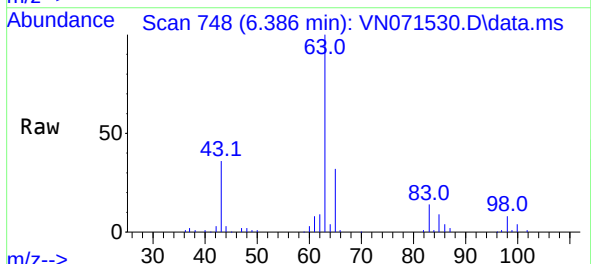
APPROVED

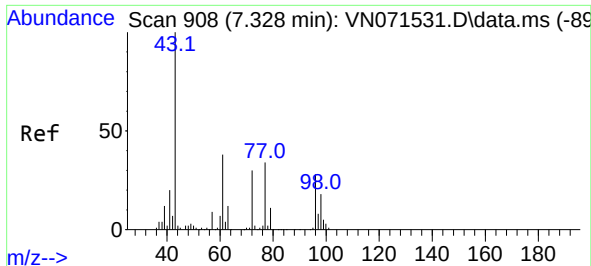
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 19.778 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58

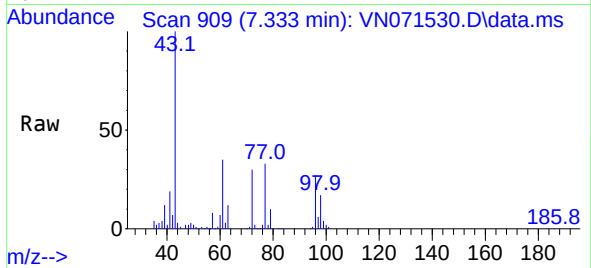
Tgt Ion: 63 Resp: 250708
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 98.212 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

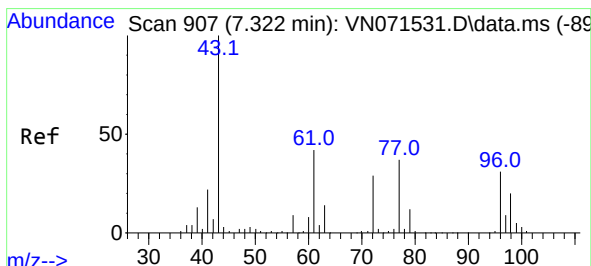
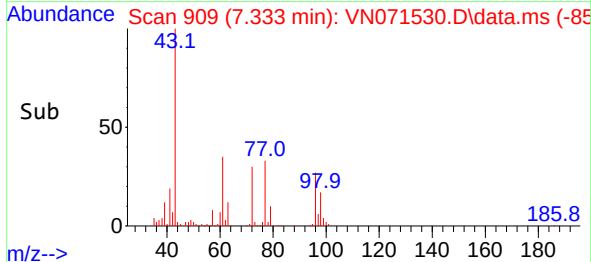
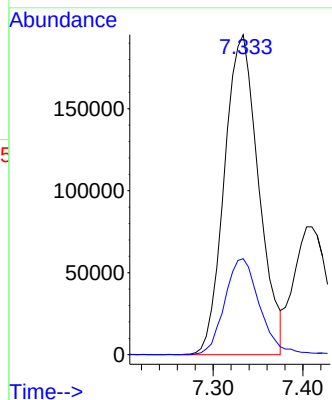
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 51808
Ion Ratio Lower Upper
43 100
72 30.0 23.7 35.5

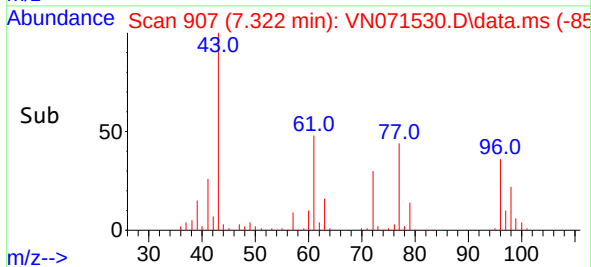
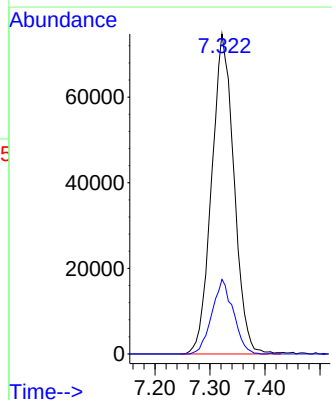
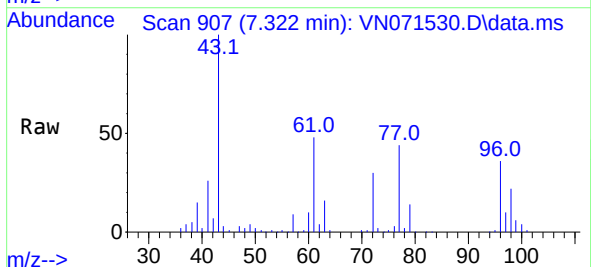
Manual Integrations
APPROVED

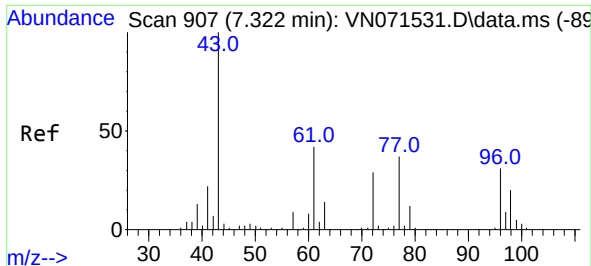
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
2,2-Dichloropropane
Concen: 20.053 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

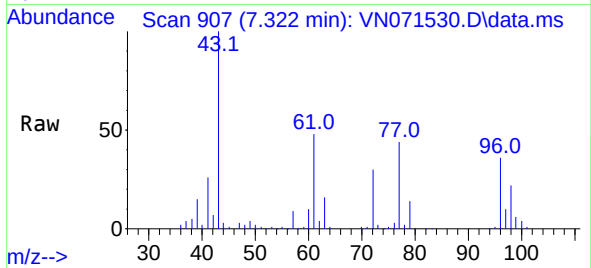
Tgt Ion: 77 Resp: 211212
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 21.386 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58

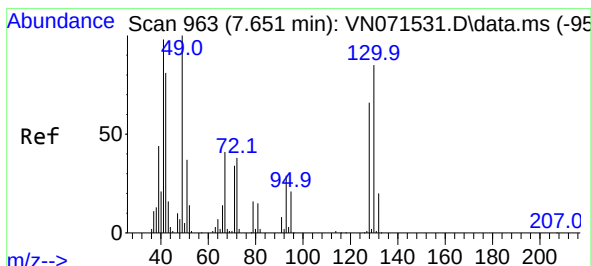
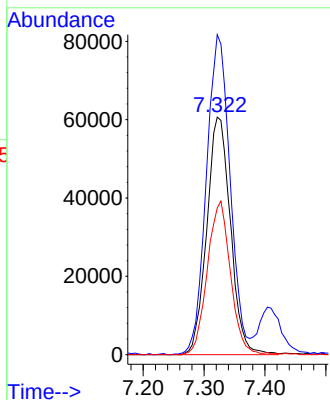
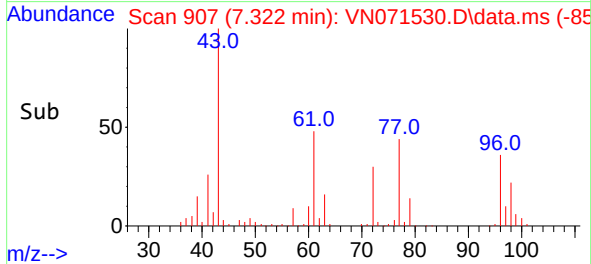
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



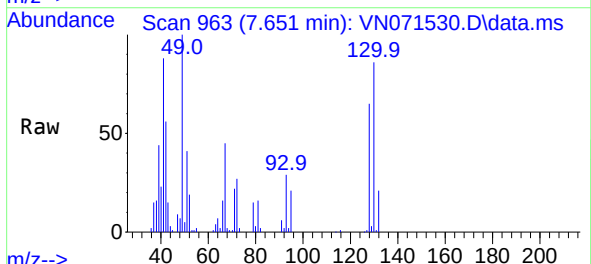
Tgt Ion: 96 Resp: 164360
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 280.6
 98 63.1 0.0 128.4

Manual Integrations
 APPROVED

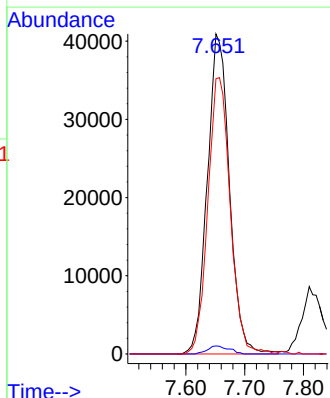
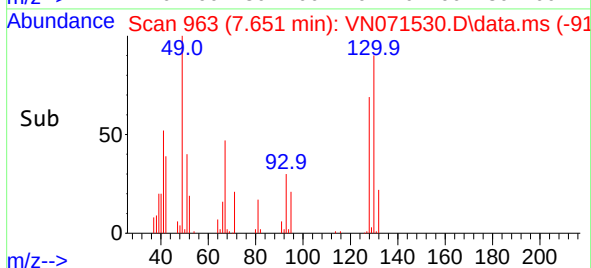
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022

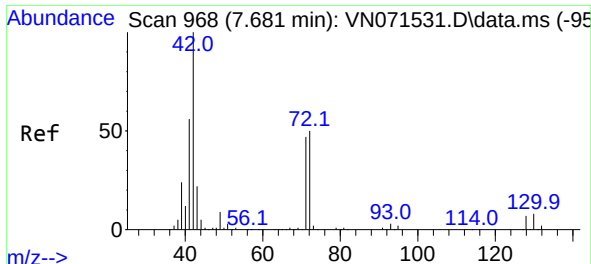


#28
 Bromochloromethane
 Concen: 20.918 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58



Tgt Ion: 49 Resp: 106799
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 87.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 104.233 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 358708

Ion Ratio Lower Upper

42 100

72 48.6 39.7 59.5

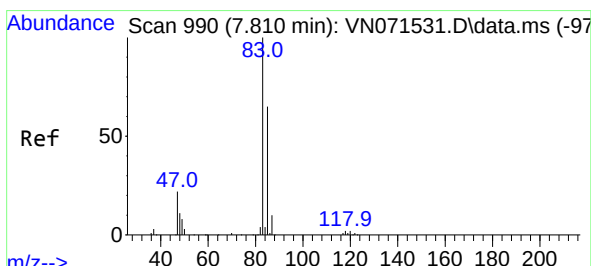
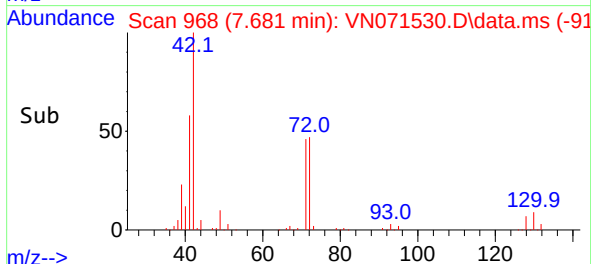
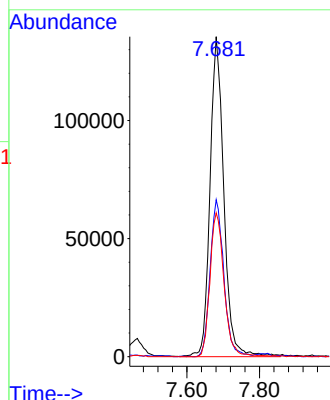
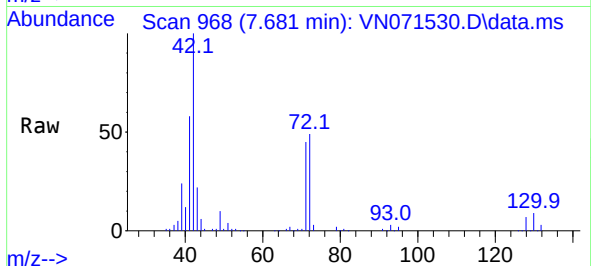
71 45.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 20.390 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071530.D

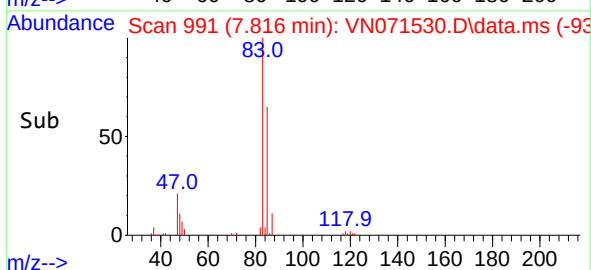
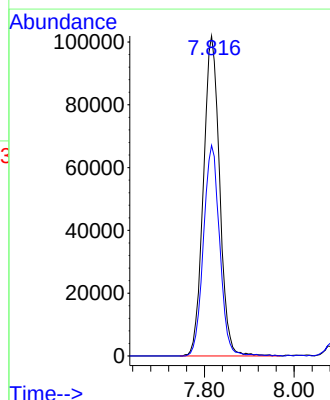
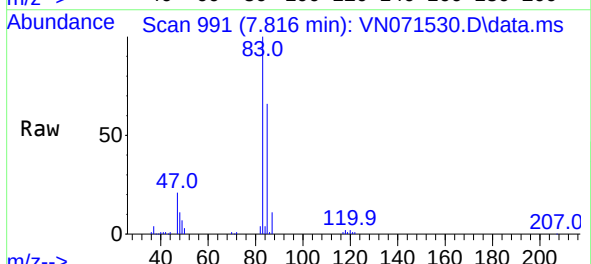
Acq: 24 Mar 2022 19:58

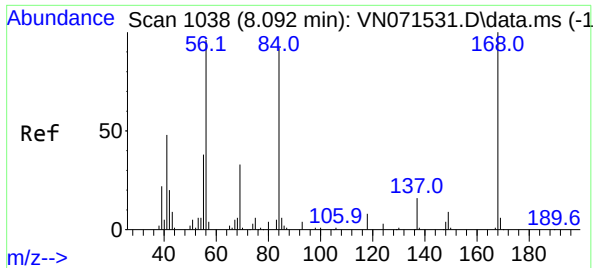
Tgt Ion: 83 Resp: 255221

Ion Ratio Lower Upper

83 100

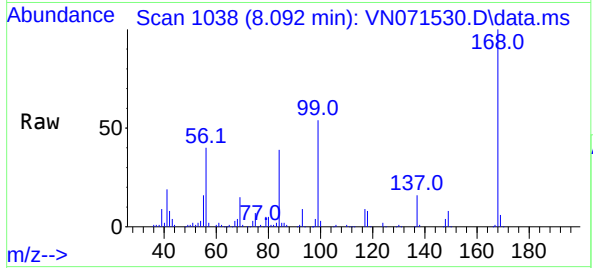
85 65.8 51.8 77.8





#31
Cyclohexane
Concen: 18.747 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

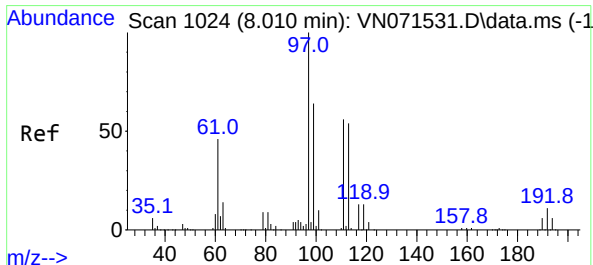
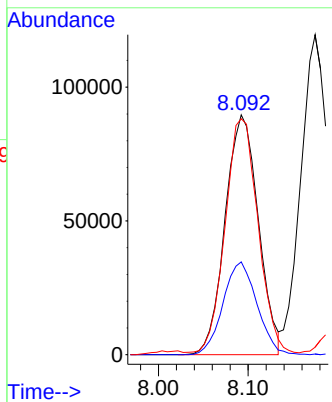
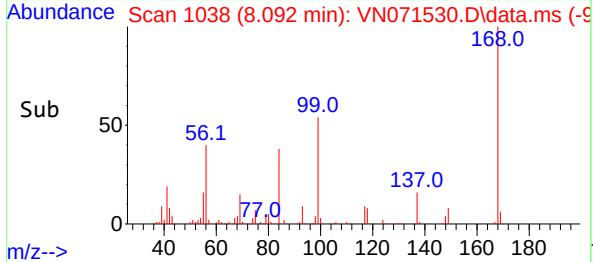
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



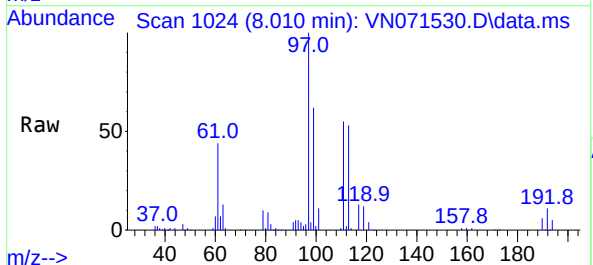
Tgt Ion: 56 Resp: 23049
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.8
84 96.8 76.9 115.3

Manual Integrations
APPROVED

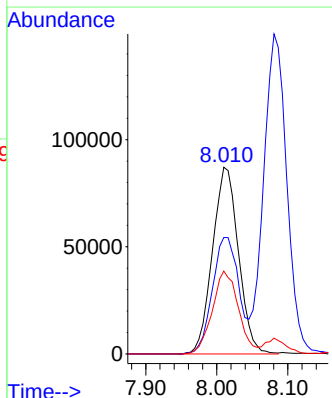
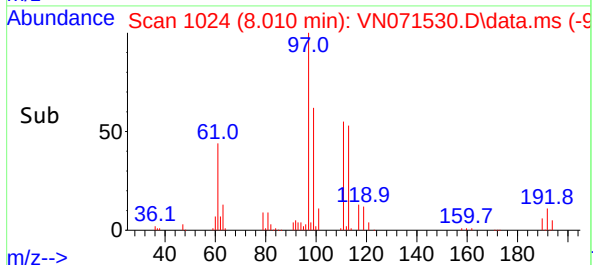
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

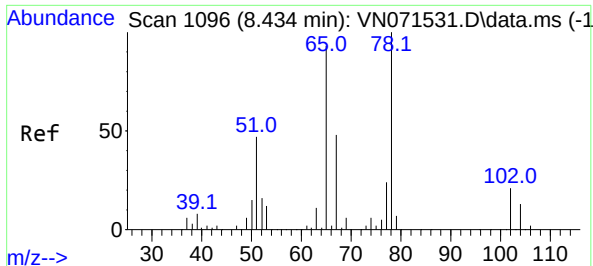


#32
1,1,1-Trichloroethane
Concen: 20.463 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion: 97 Resp: 220834
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 44.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 22.508 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 164140

Ion Ratio Lower Upper

65 100

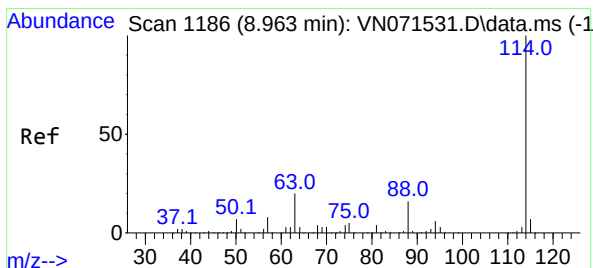
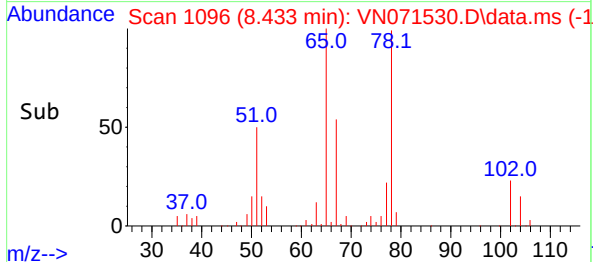
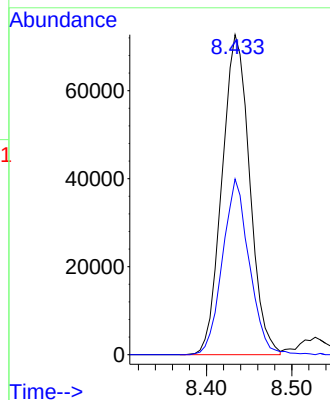
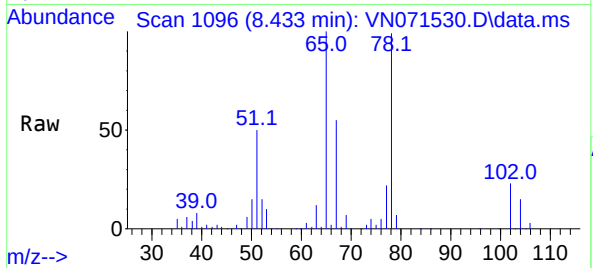
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

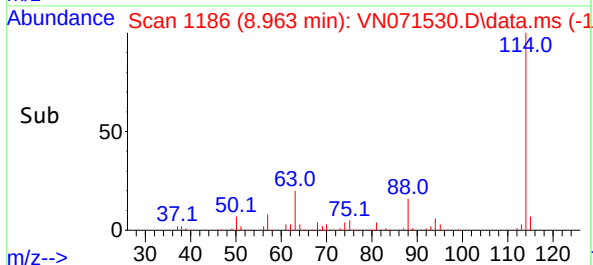
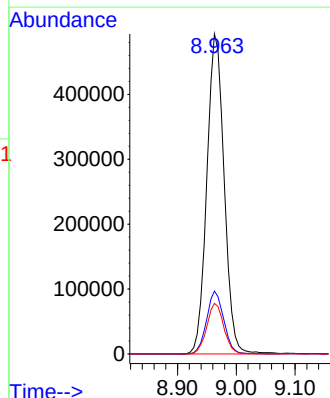
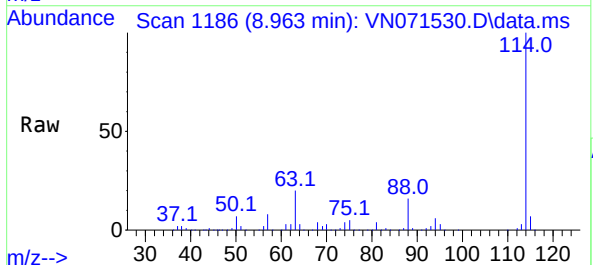
Tgt Ion:114 Resp: 1012002

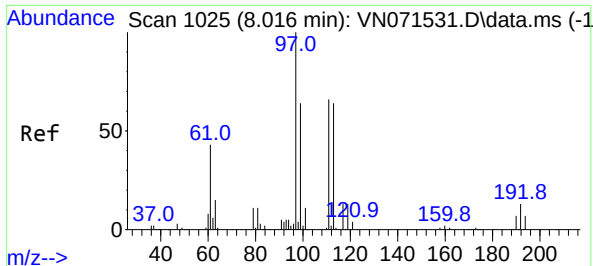
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

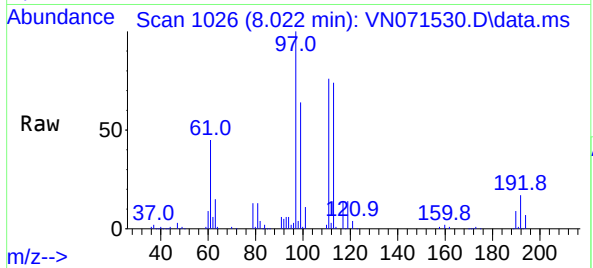
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 22.576 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

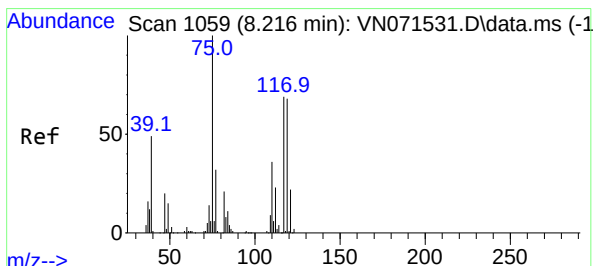
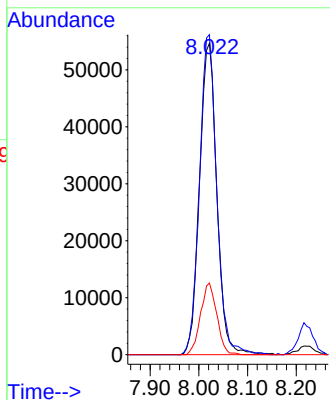
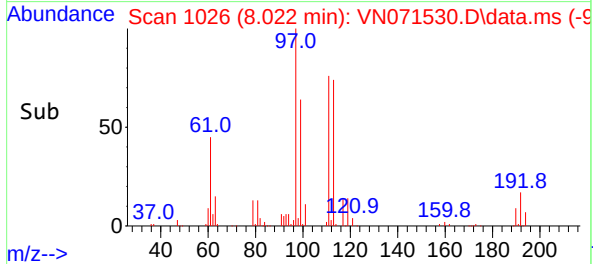
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



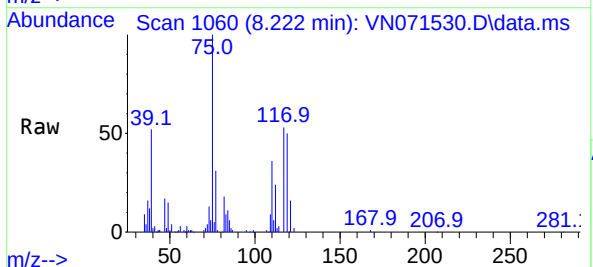
Tgt Ion: 113 Resp: 13516
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 21.5 17.0 25.6

Manual Integrations
APPROVED

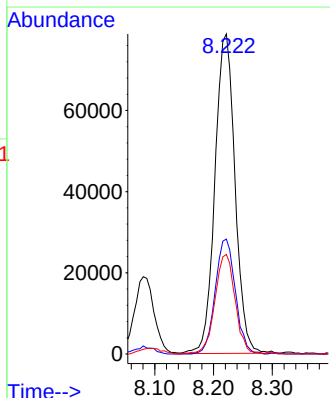
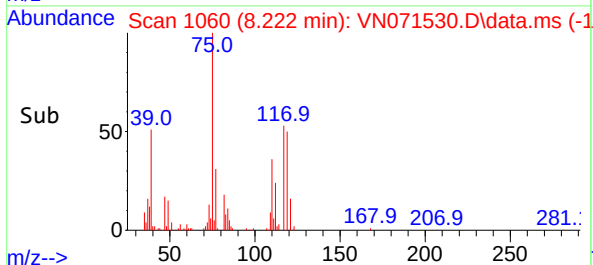
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

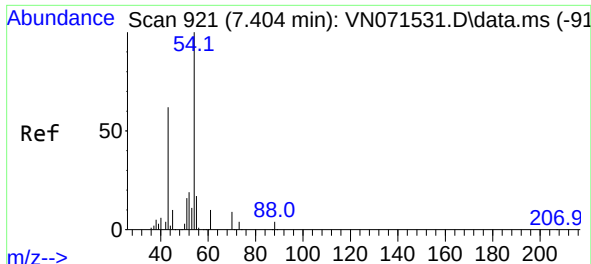


#36
1,1-Dichloropropene
Concen: 19.205 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



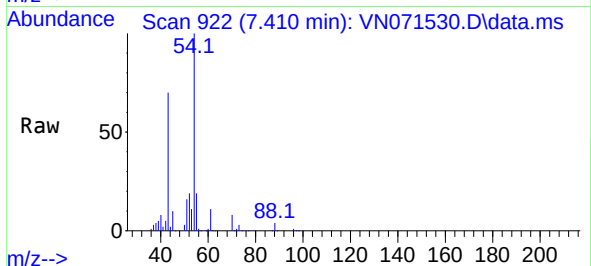
Tgt Ion: 75 Resp: 186846
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 20.516 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

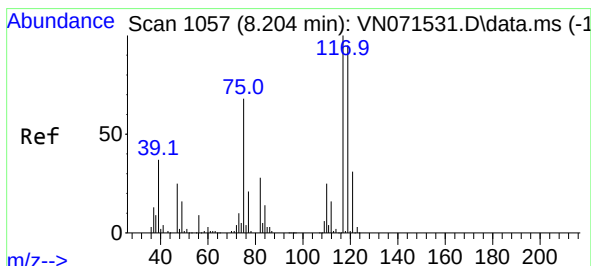
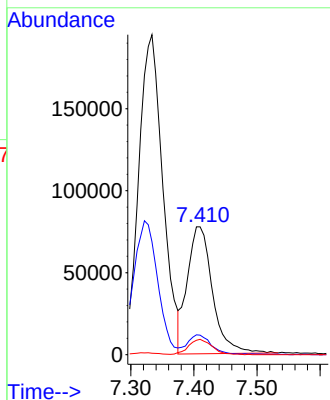
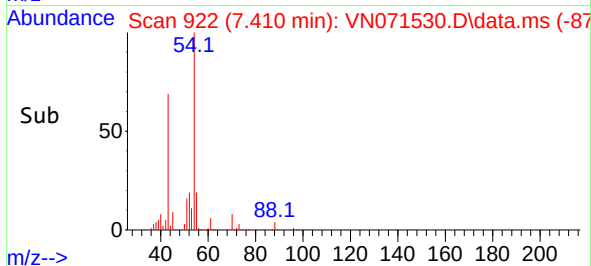
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 215360
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 11.1 9.3 13.9

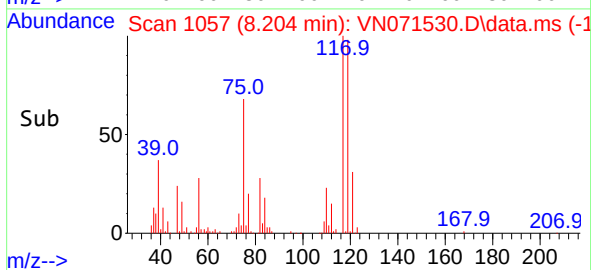
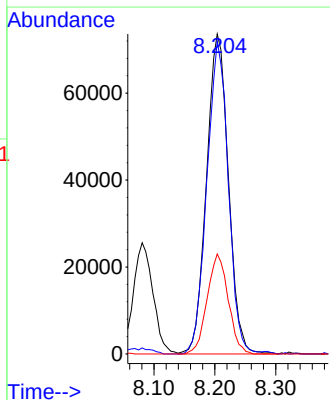
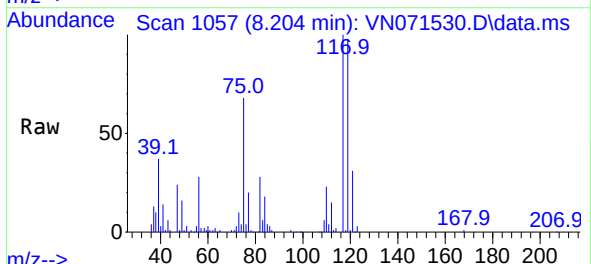
Manual Integrations
APPROVED

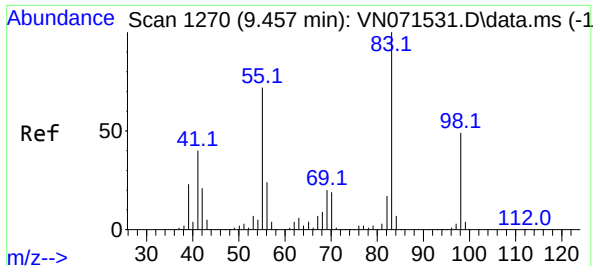
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:117 Resp: 183753
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 31.3 24.6 37.0





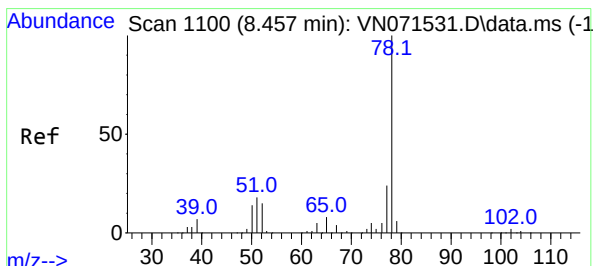
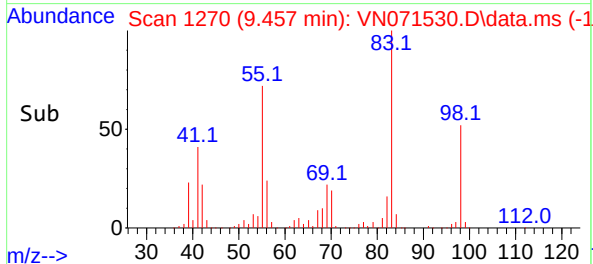
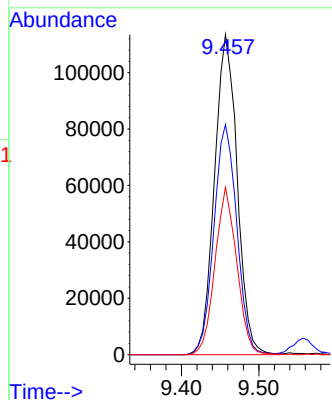
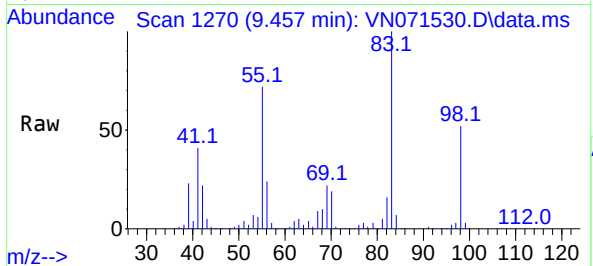
#39
Methylcyclohexane
Concen: 18.532 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 23133
Ion Ratio Lower Upper
83 100
55 71.9 57.8 86.8
98 52.3 39.4 59.2

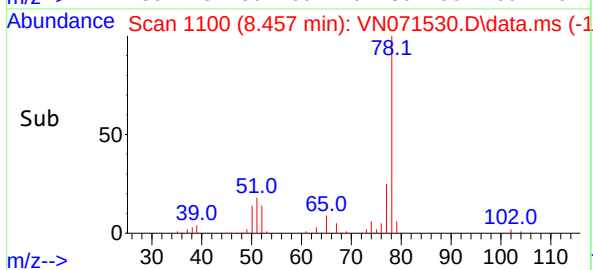
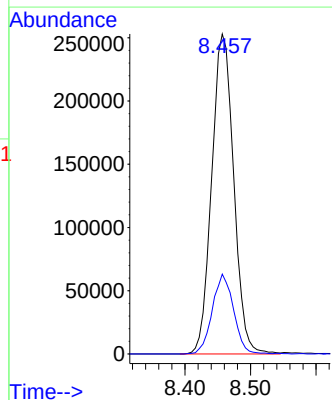
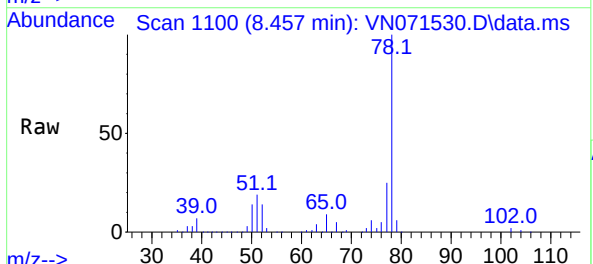
Manual Integrations
APPROVED

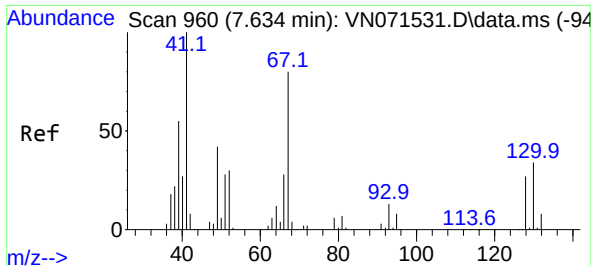
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#40
Benzene
Concen: 20.305 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

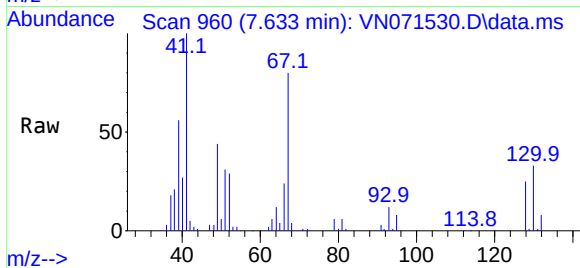
Tgt Ion: 78 Resp: 588451
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0





#41
Methacrylonitrile
Concen: 17.206 ug/l
RT: 7.633 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

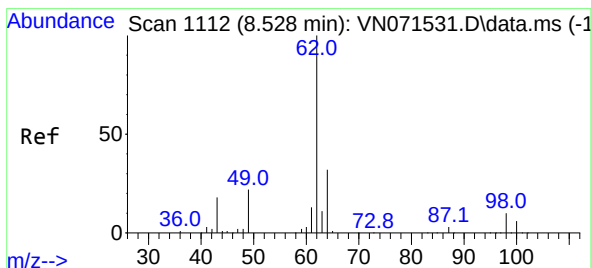
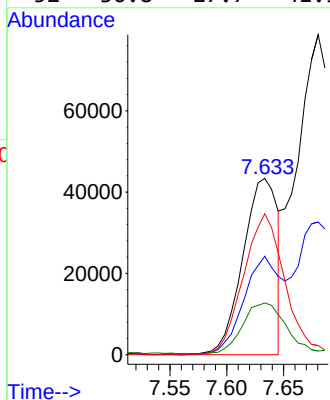
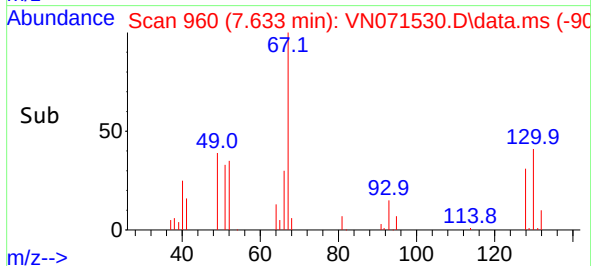
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 9212
Ion Ratio Lower Upper
41 100
39 60.9 48.6 73.0
67 95.5 73.4 110.2
52 36.8 27.7 41.5

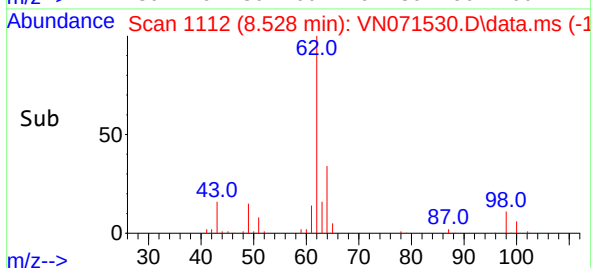
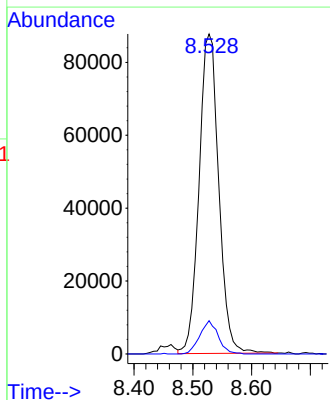
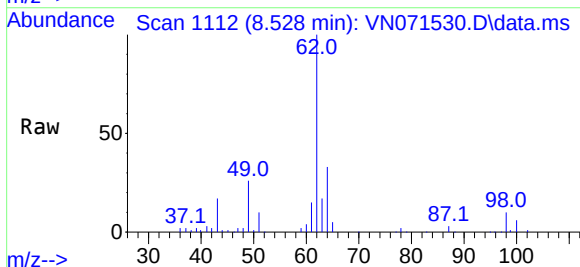
Manual Integrations
APPROVED

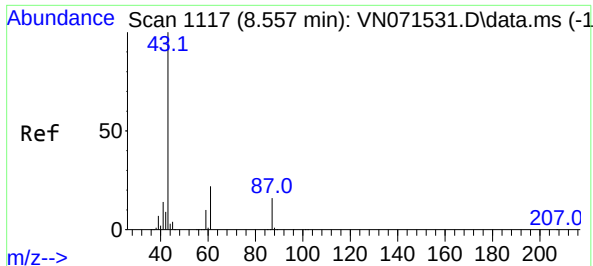
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 20.546 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

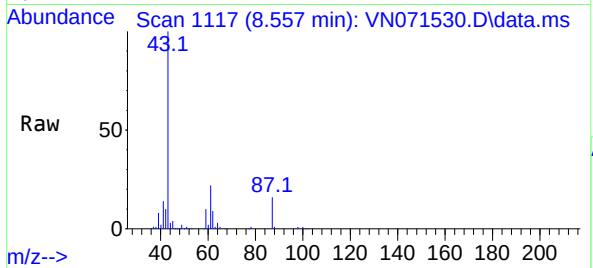
Tgt Ion: 62 Resp: 204001
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.946 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

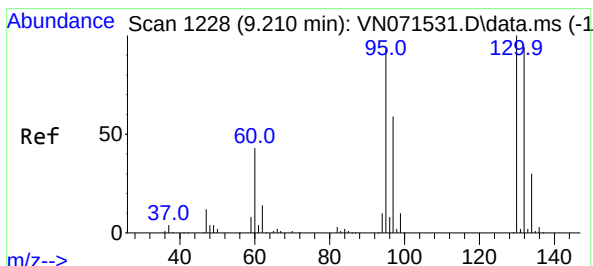
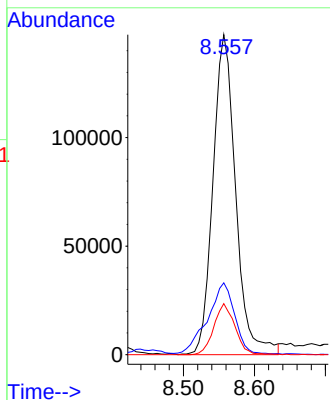
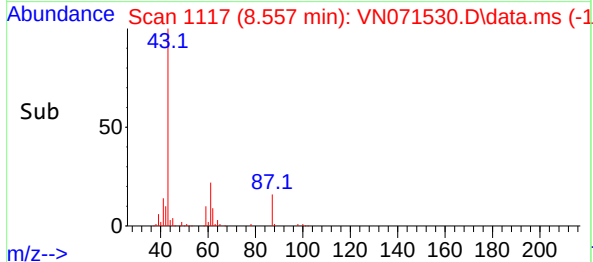
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 327369
Ion Ratio Lower Upper
43 100
61 26.8 21.9 32.9
87 14.9 12.0 18.0

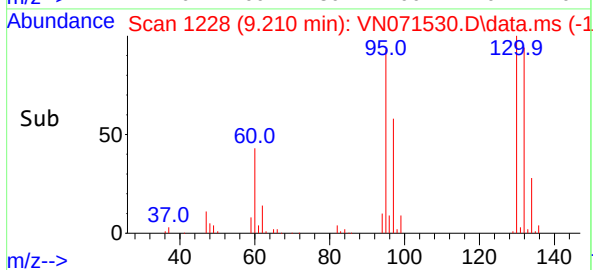
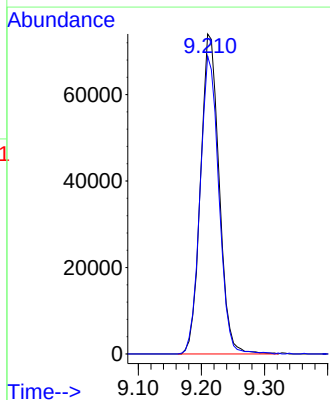
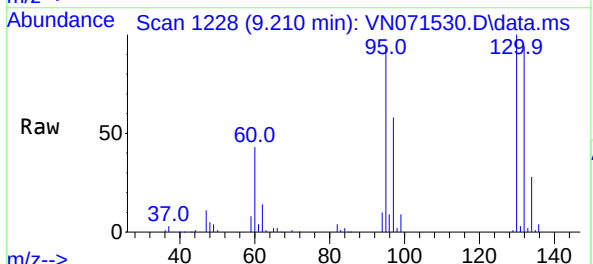
Manual Integrations
APPROVED

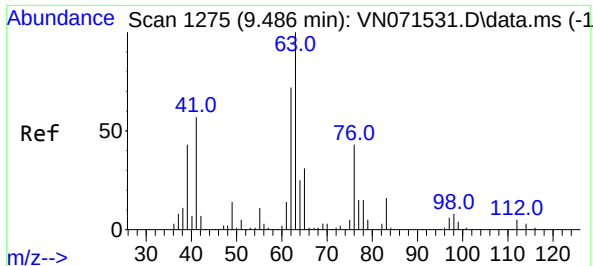
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 19.831 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:130 Resp: 151161
Ion Ratio Lower Upper
130 100
95 93.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.863 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 146538

Ion Ratio Lower Upper

63 100

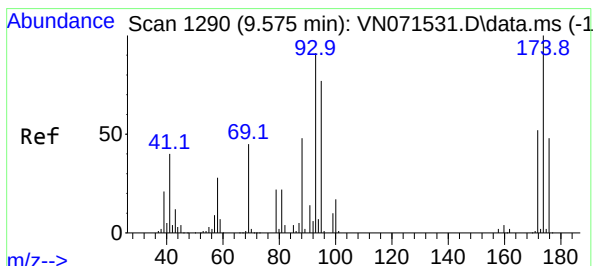
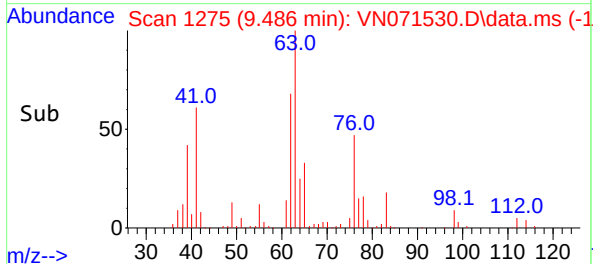
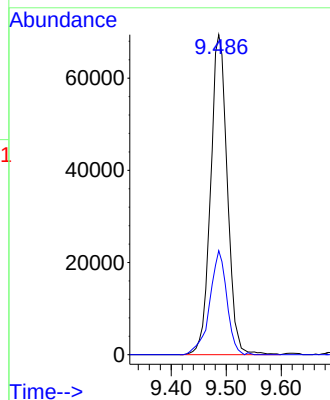
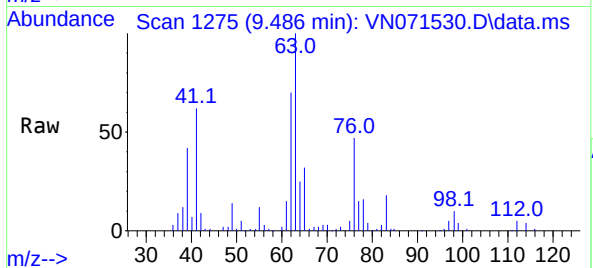
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 20.597 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

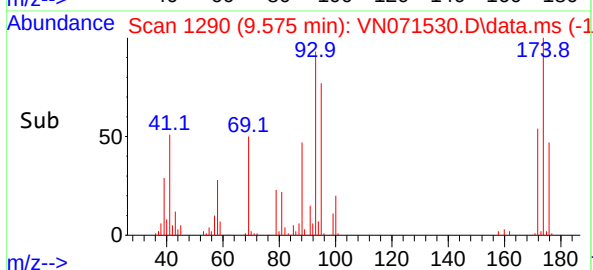
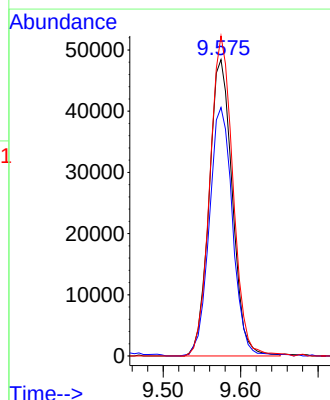
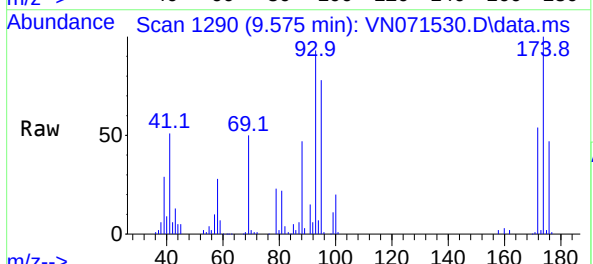
Tgt Ion: 93 Resp: 100590

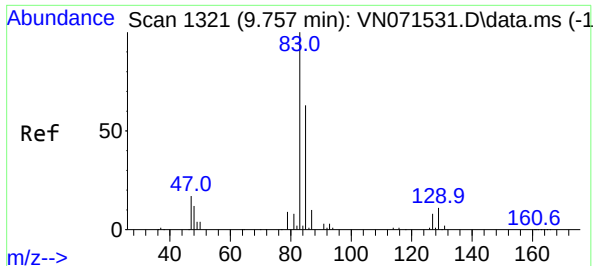
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

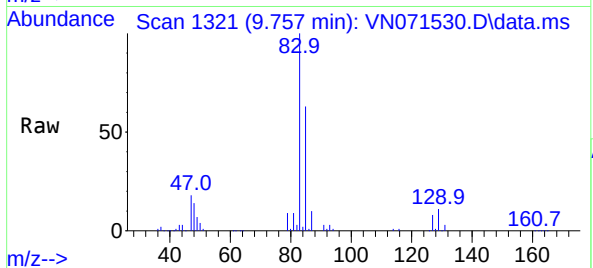
174 107.8 86.6 130.0





#47
Bromodichloromethane
Concen: 19.704 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

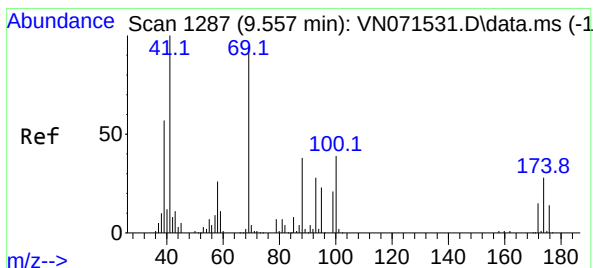
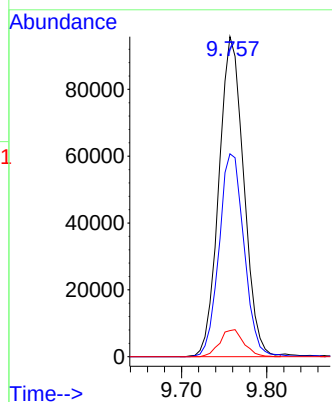
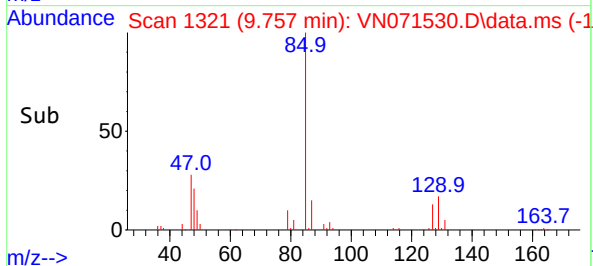
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



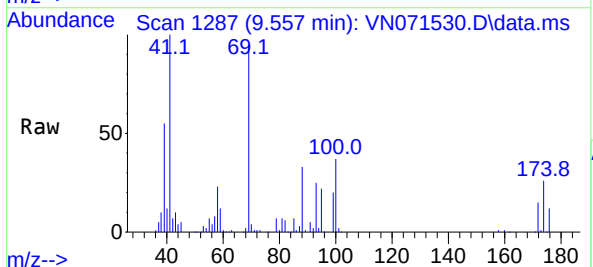
Tgt Ion: 83 Resp: 194415
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.1 6.8 10.2

Manual Integrations
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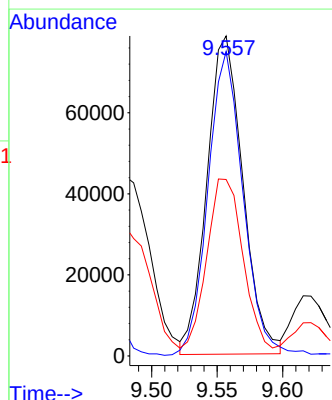
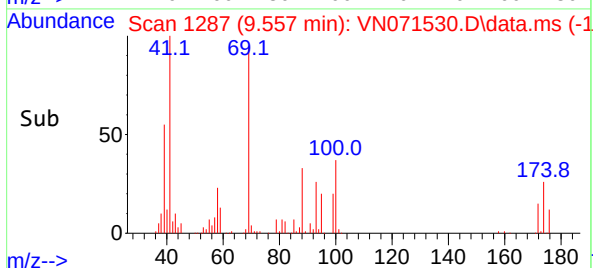
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

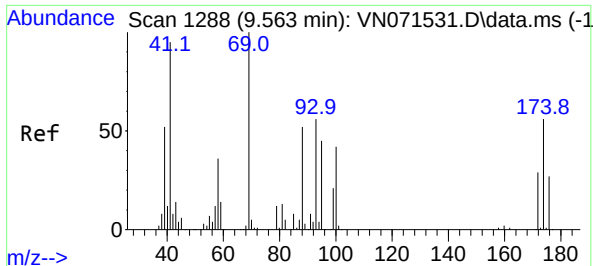


#48
Methyl methacrylate
Concen: 19.309 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



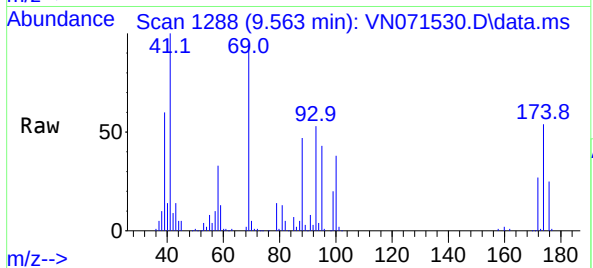
Tgt Ion: 41 Resp: 149895
Ion Ratio Lower Upper
41 100
69 93.4 74.7 112.1
39 57.5 45.6 68.4





#49
1,4-Dioxane
Concen: 454.630 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

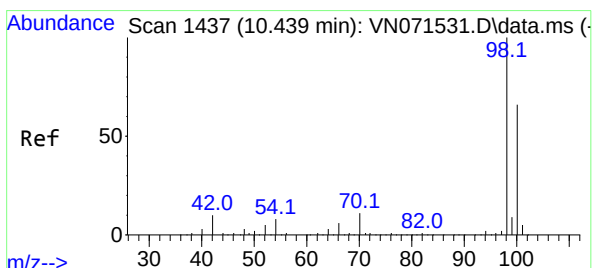
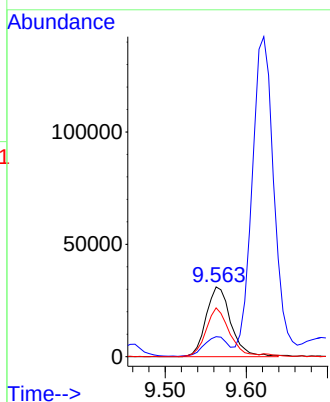
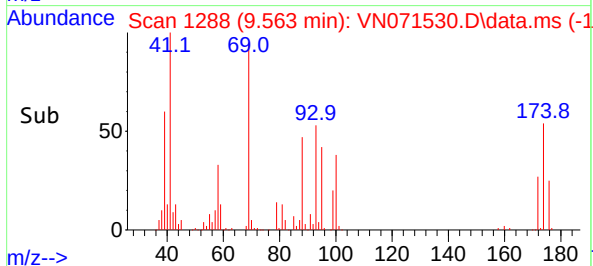
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 65849
Ion Ratio Lower Upper
88 100
43 26.1 20.2 30.4
58 65.9 54.2 81.4

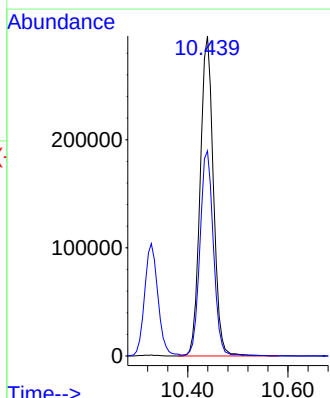
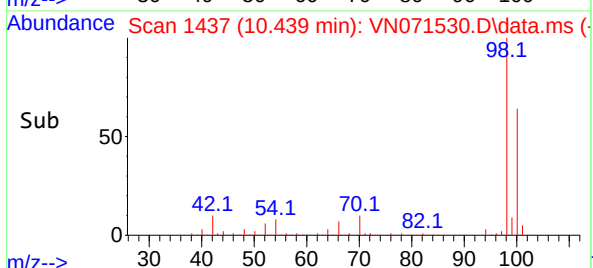
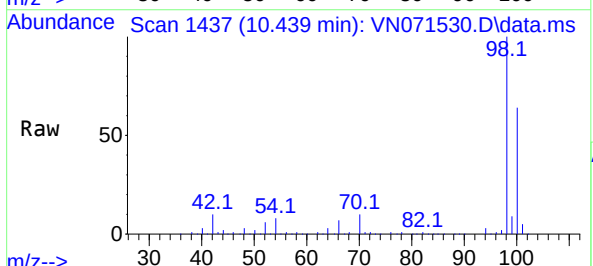
Manual Integrations
APPROVED

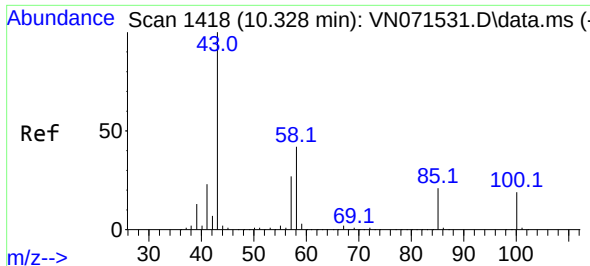
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 22.553 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion: 98 Resp: 542284
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





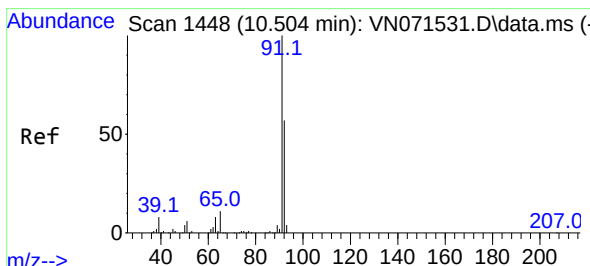
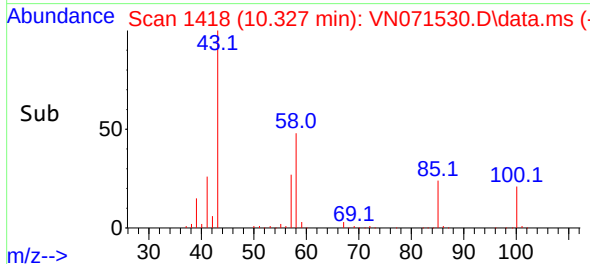
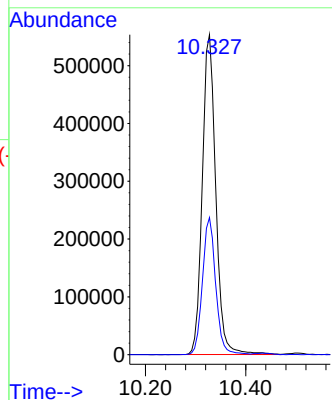
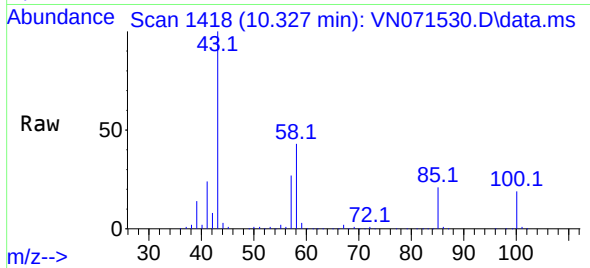
#51
4-Methyl-2-Pentanone
Concen: 102.449 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 103376
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1

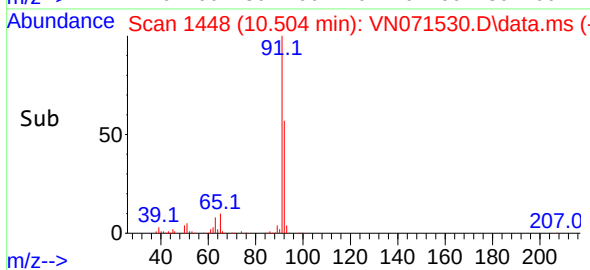
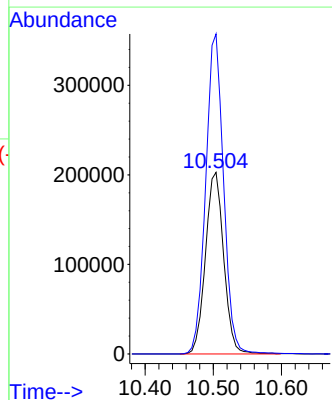
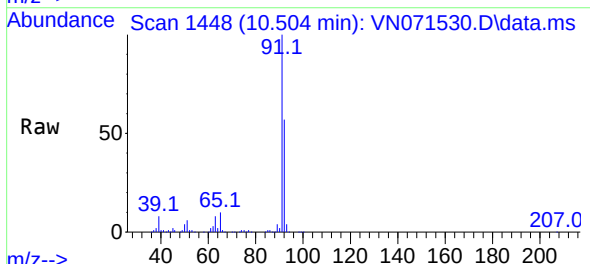
Manual Integrations
APPROVED

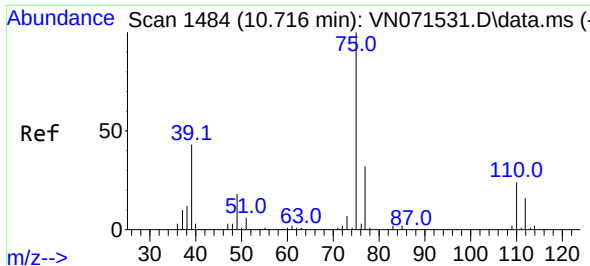
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 20.730 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

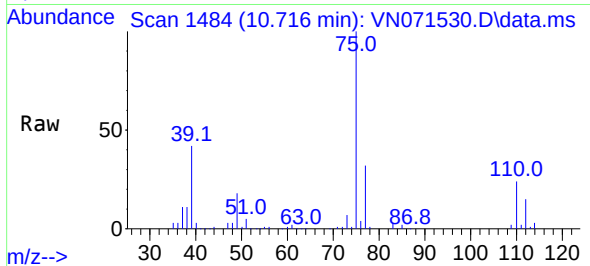
Tgt Ion: 92 Resp: 377181
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.272 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

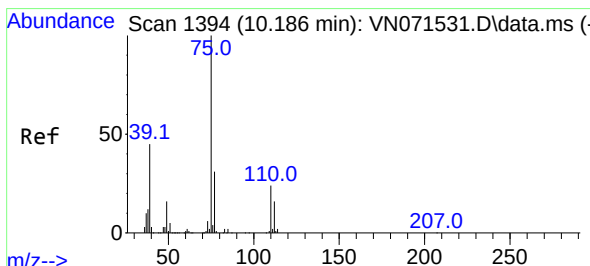
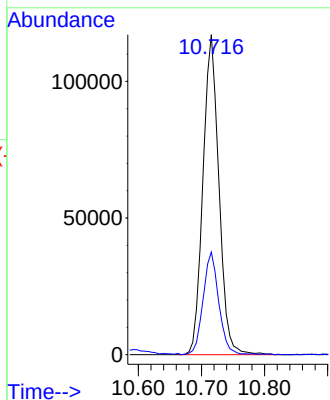
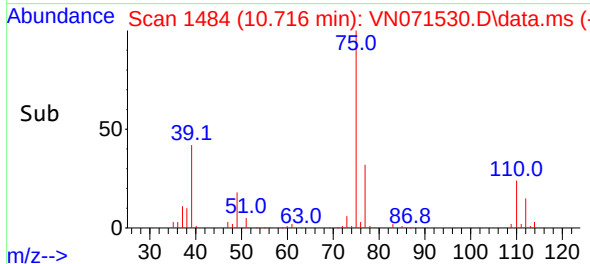
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



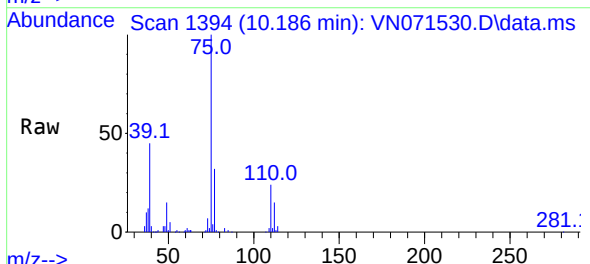
Tgt Ion: 75 Resp: 205774
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
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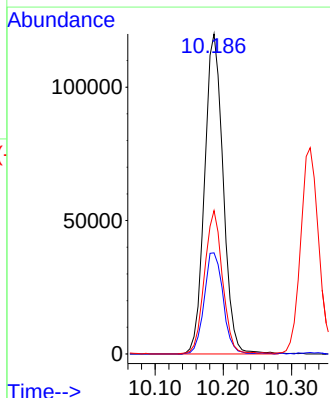
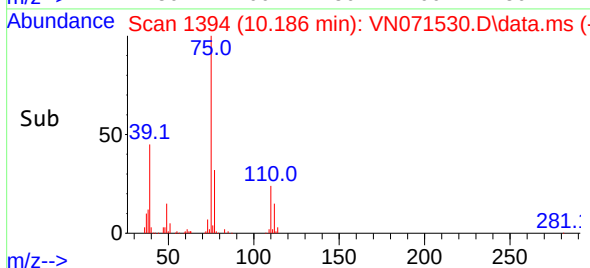
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

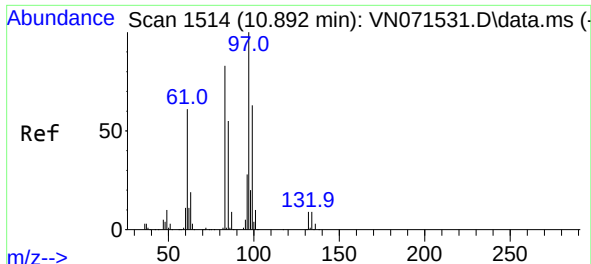


#54
cis-1,3-Dichloropropene
Concen: 19.410 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



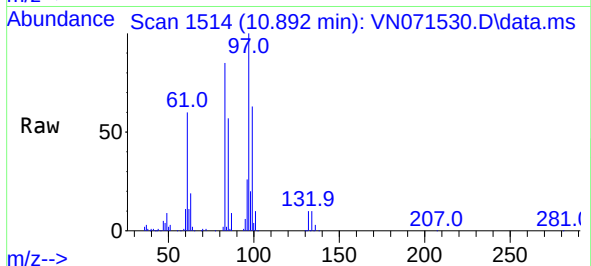
Tgt Ion: 75 Resp: 227365
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 44.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.723 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

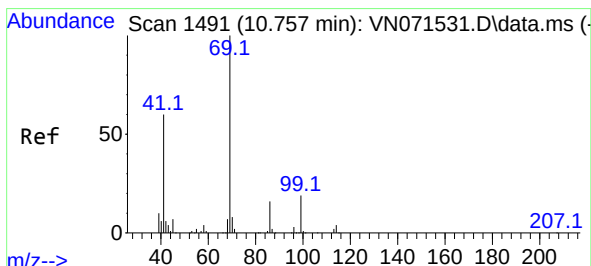
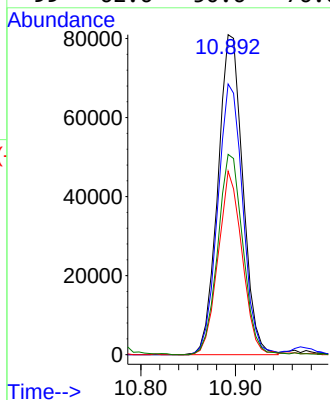
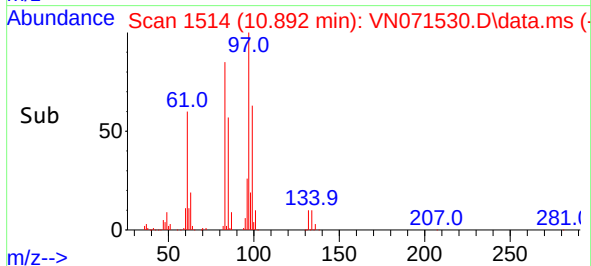


Tgt Ion: 97 Resp: 148119

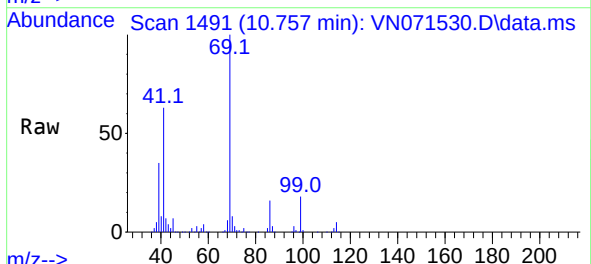
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.4
85	57.4	43.9	65.9
99	62.6	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

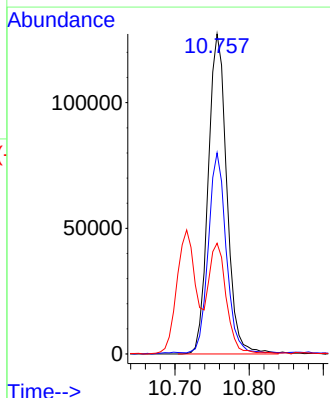
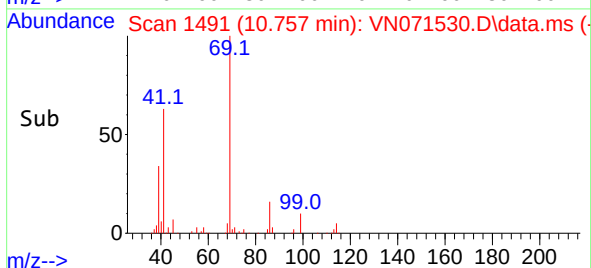


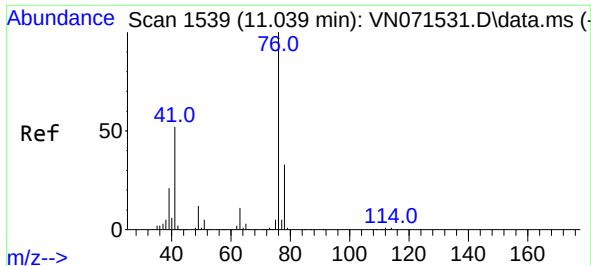
#56
Ethyl methacrylate
Concen: 20.571 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion: 69 Resp: 221611

Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.8	71.6
39	32.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.799 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071530.D

Acq: 24 Mar 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 25613

Ion Ratio Lower Upper

76 100

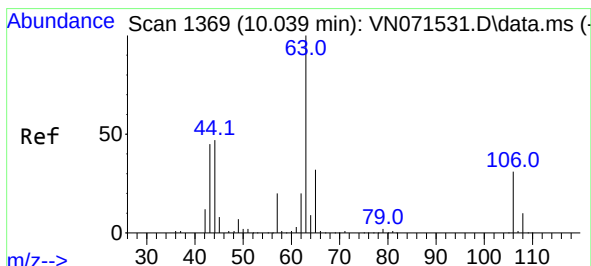
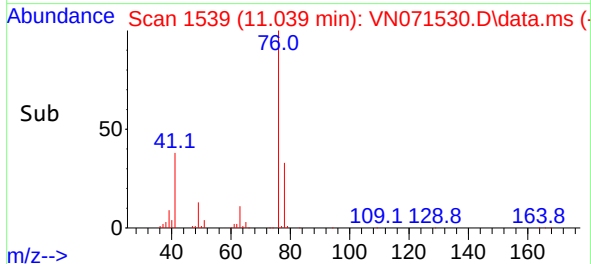
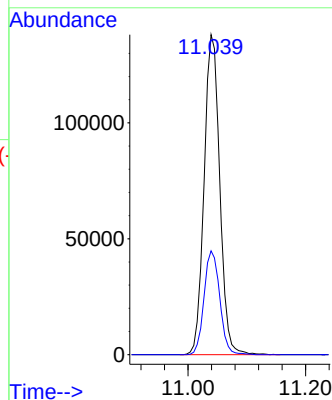
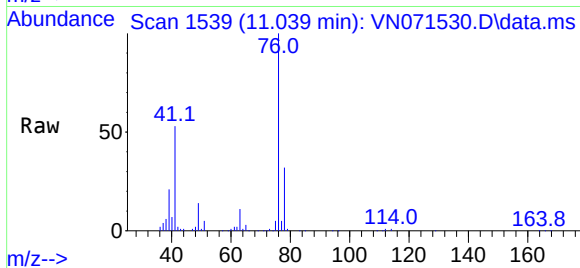
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 119.711 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN071530.D

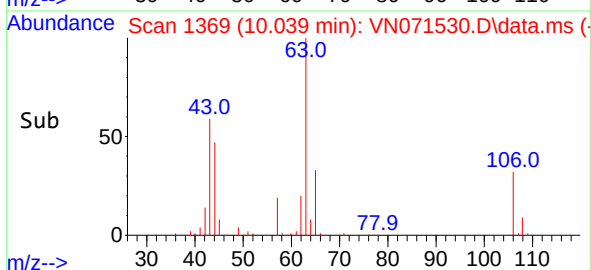
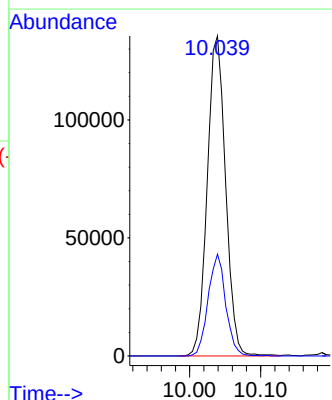
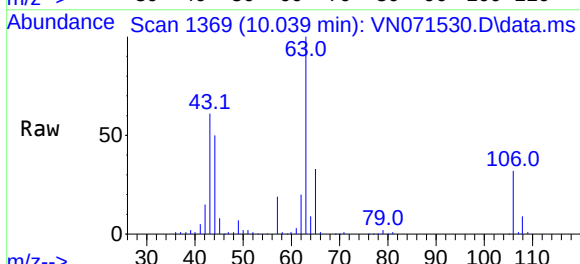
Acq: 24 Mar 2022 19:58

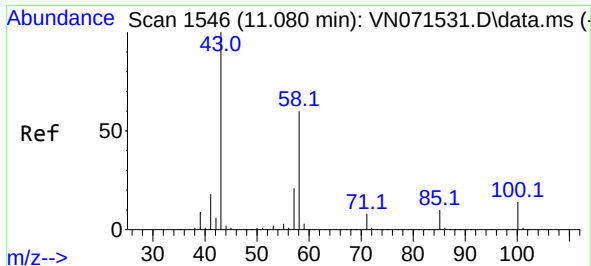
Tgt Ion: 63 Resp: 243118

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8





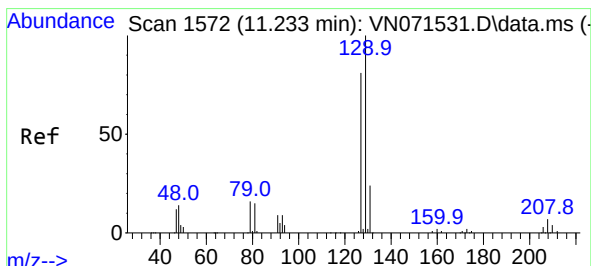
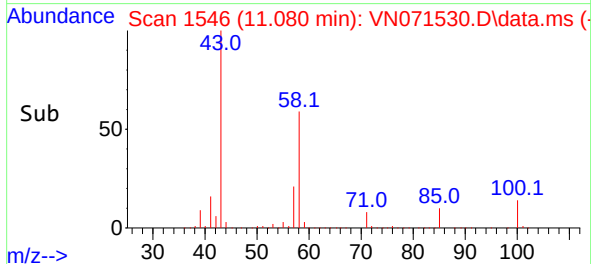
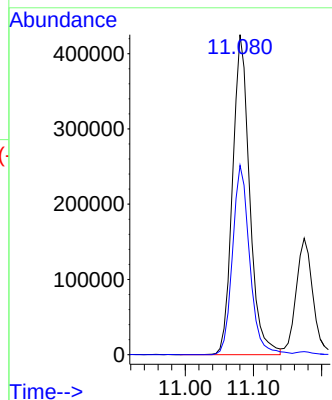
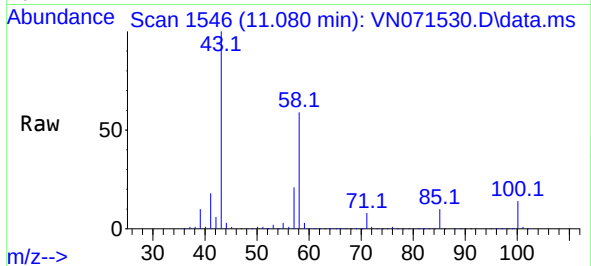
#59
2-Hexanone
Concen: 106.161 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 740470
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

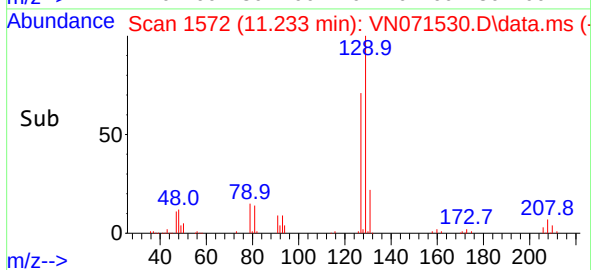
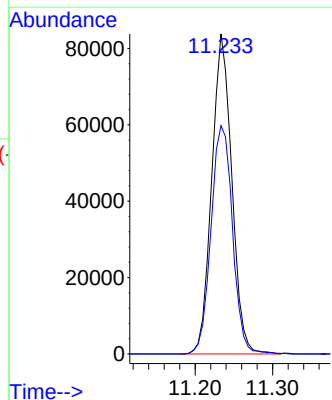
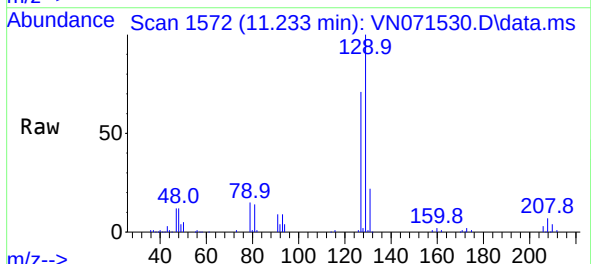
Manual Integrations
APPROVED

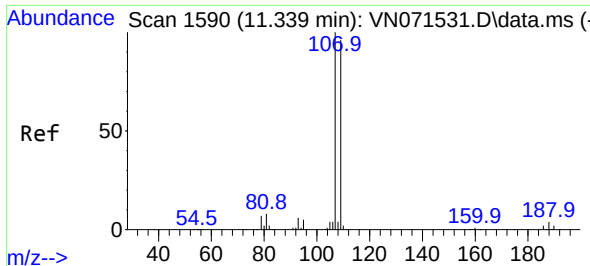
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 20.076 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:129 Resp: 150222
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





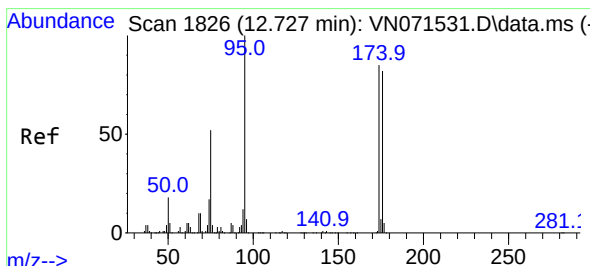
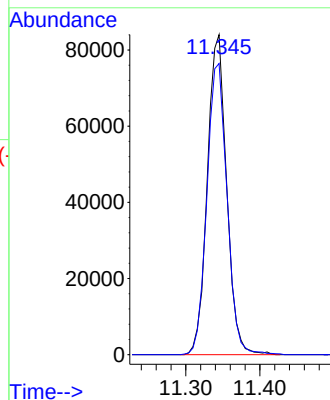
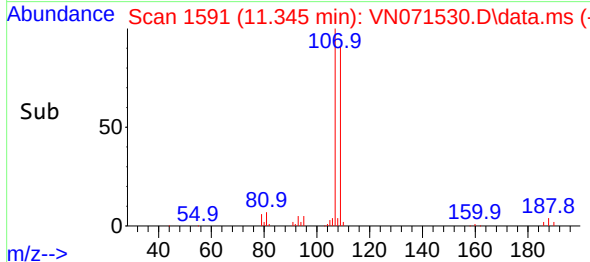
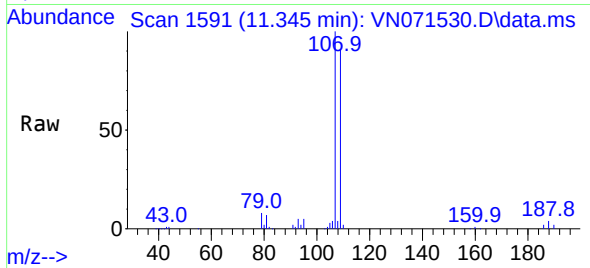
#61
1,2-Dibromoethane
Concen: 20.878 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 15200
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6

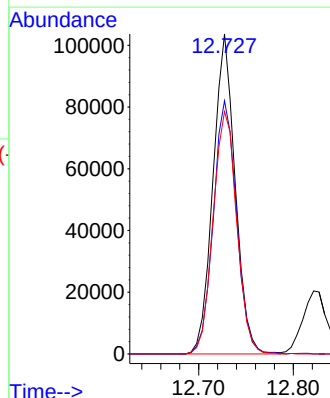
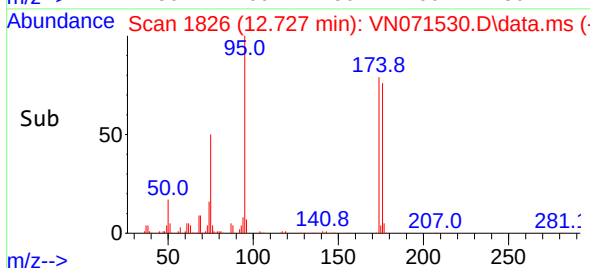
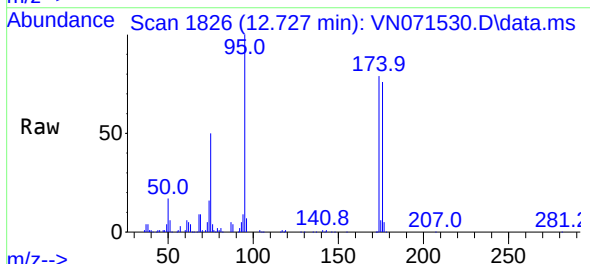
Manual Integrations
APPROVED

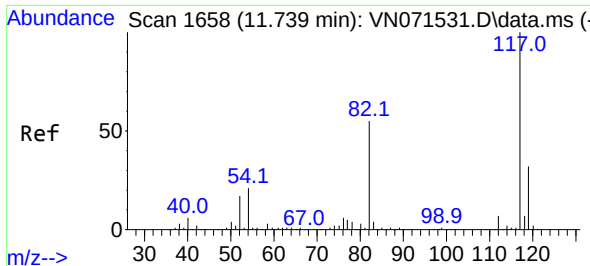
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 19.884 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

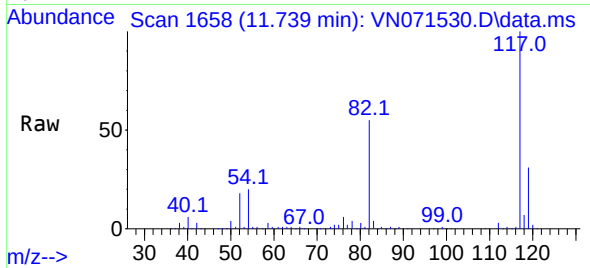
Tgt Ion: 95 Resp: 168239
Ion Ratio Lower Upper
95 100
174 82.8 0.0 167.6
176 80.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

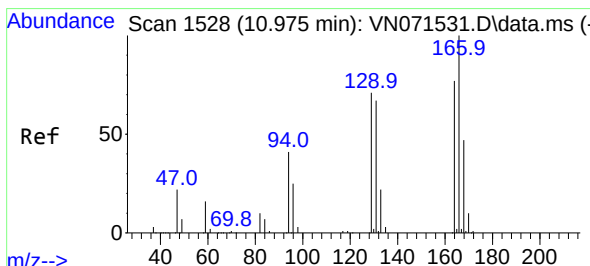
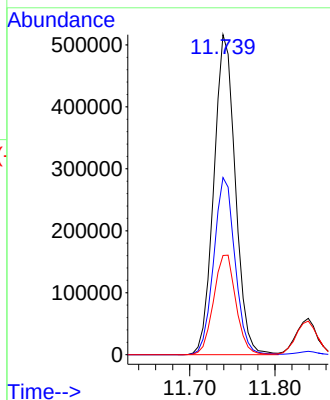
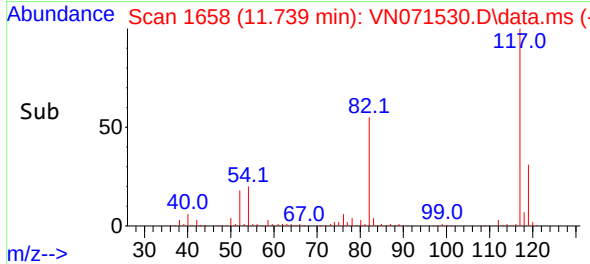
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



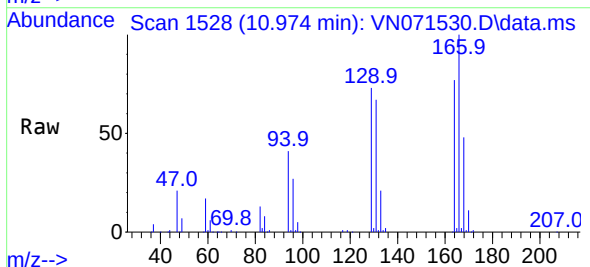
Tgt Ion:117 Resp: 90405
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

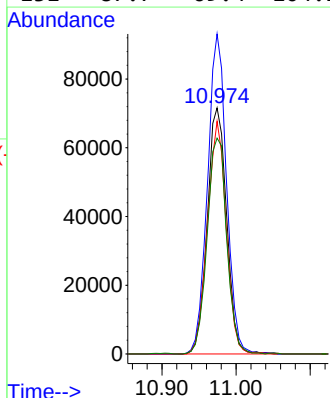
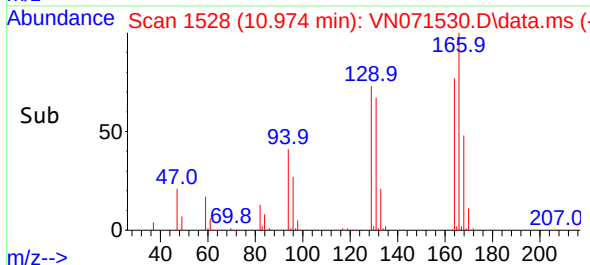
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

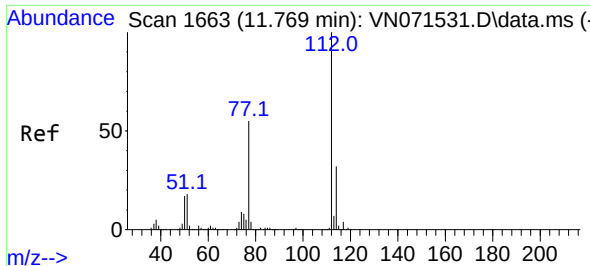


#64
Tetrachloroethene
Concen: 18.922 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion:164 Resp: 130637
Ion Ratio Lower Upper
164 100
166 130.0 104.2 156.2
129 94.5 73.9 110.9
131 87.7 69.4 104.2





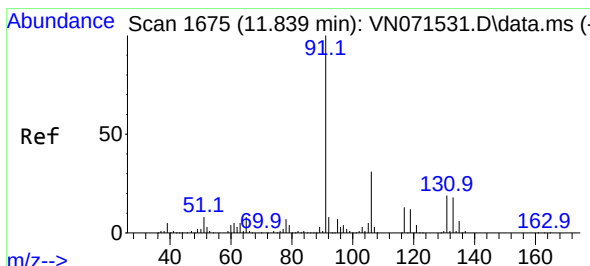
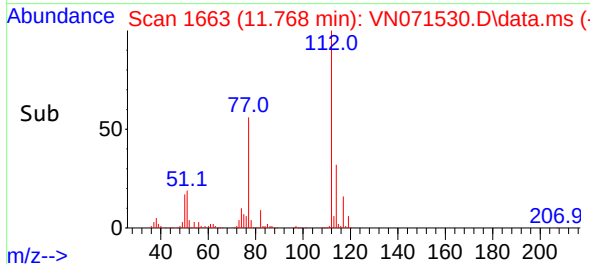
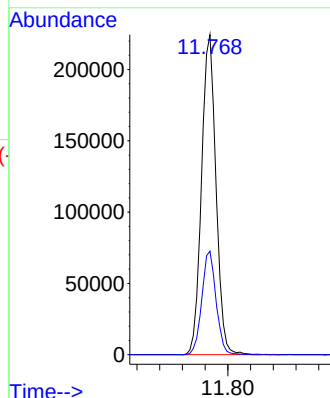
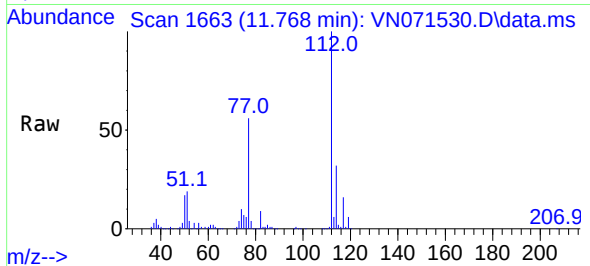
#65
Chlorobenzene
Concen: 20.432 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 395618
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

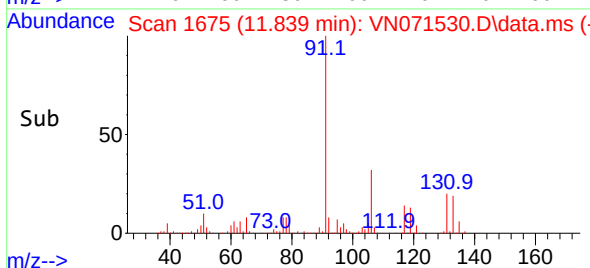
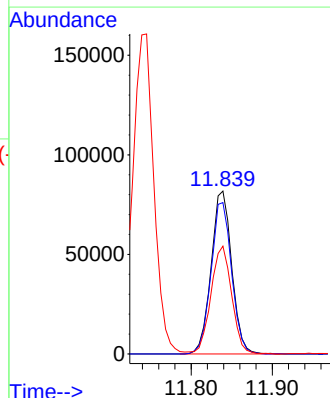
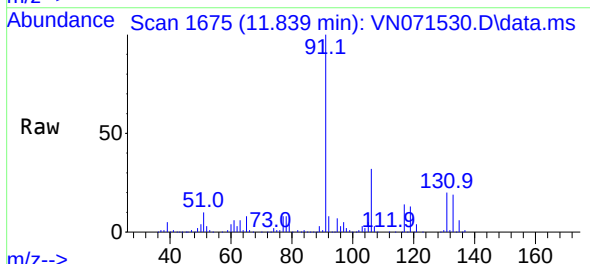
Manual Integrations
APPROVED

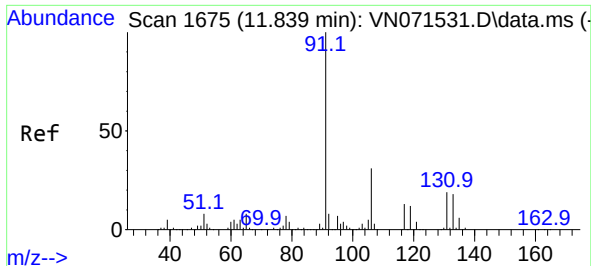
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.476 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:131 Resp: 143985
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 67.0 33.4 100.2





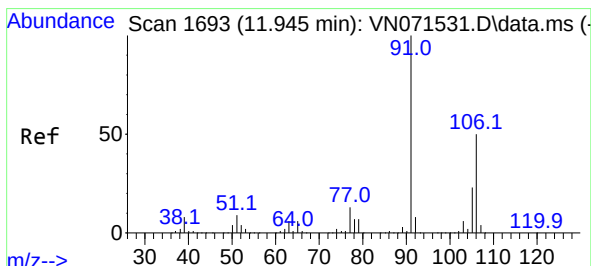
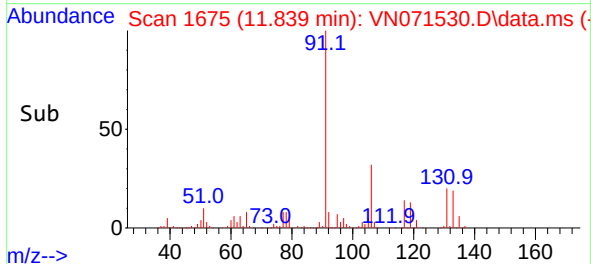
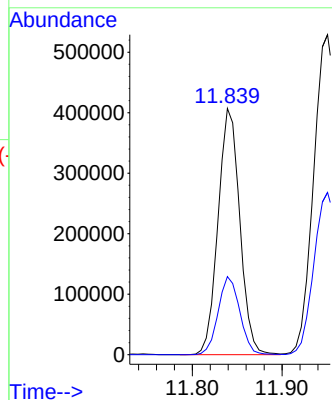
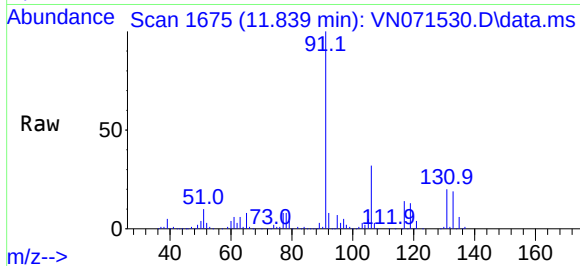
#67
Ethyl Benzene
Concen: 20.269 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 685259
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

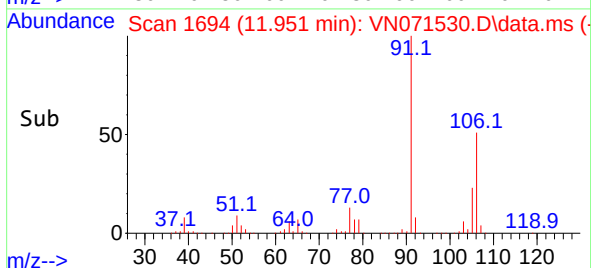
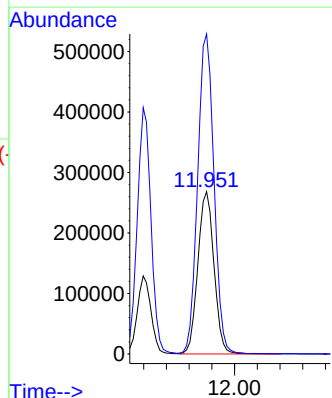
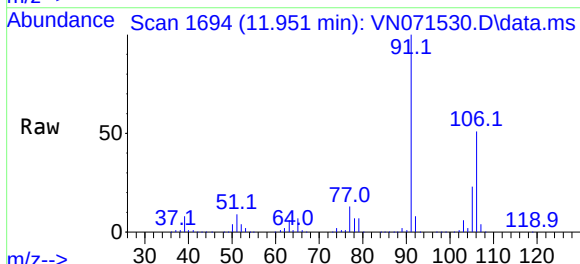
Manual Integrations
APPROVED

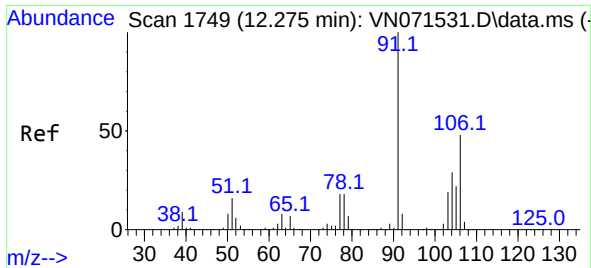
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 40.567 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:106 Resp: 528768
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3





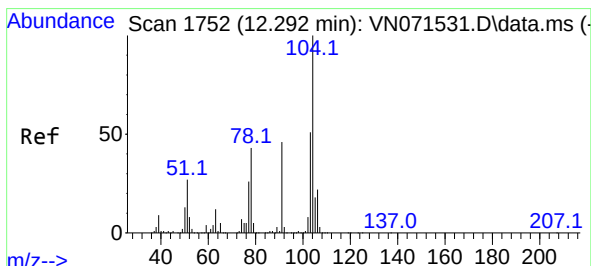
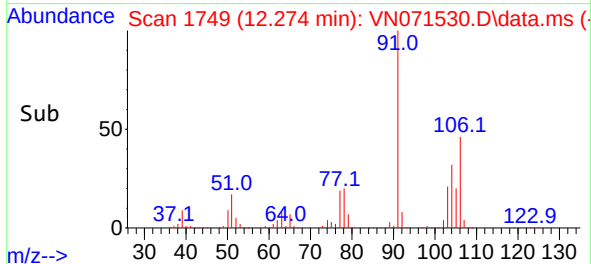
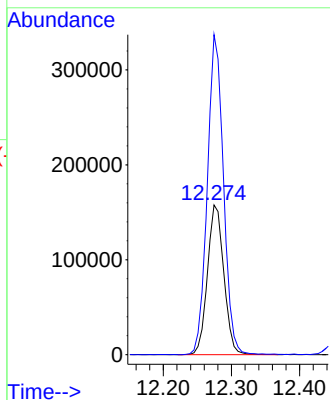
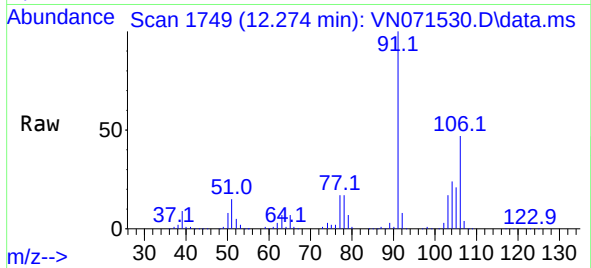
#69
o-Xylene
Concen: 20.634 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 263664
Ion Ratio Lower Upper
106 100
91 211.3 106.0 318.0

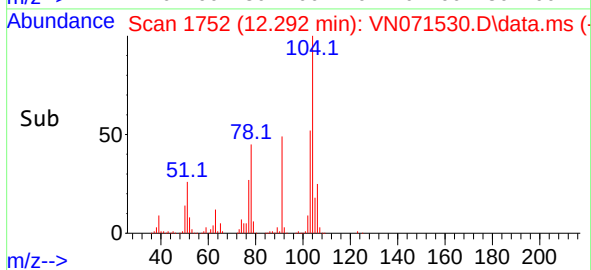
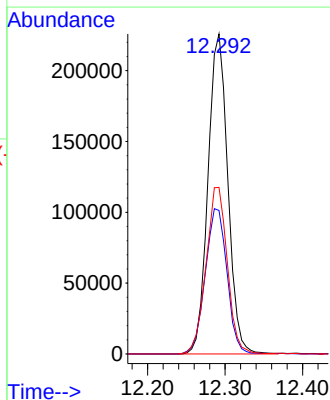
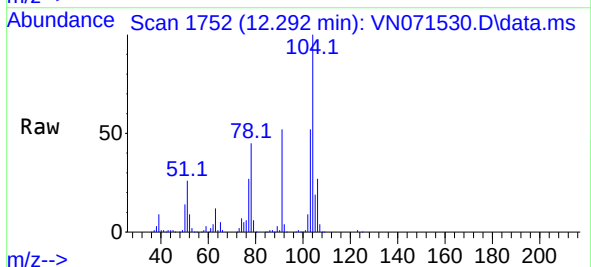
Manual Integrations
APPROVED

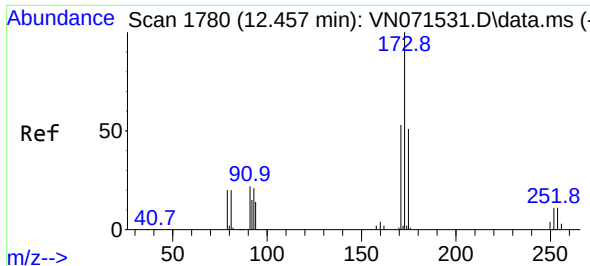
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 19.876 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

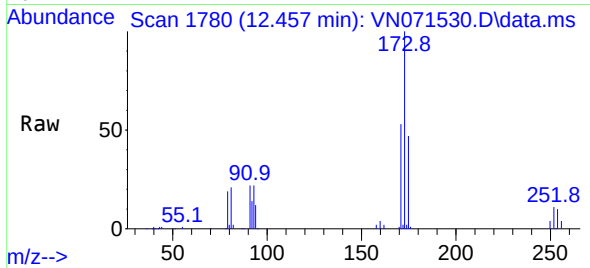
Tgt Ion:104 Resp: 401789
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.8 44.0 66.0





#71
Bromoform
Concen: 19.616 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

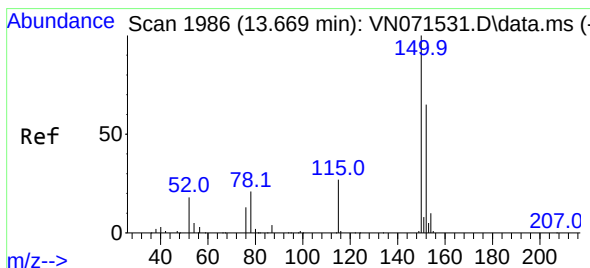
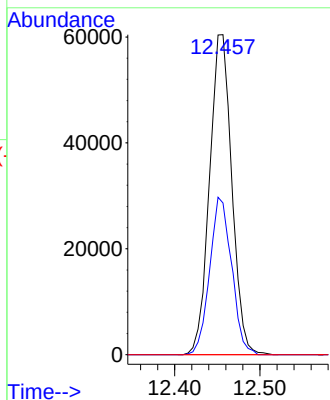
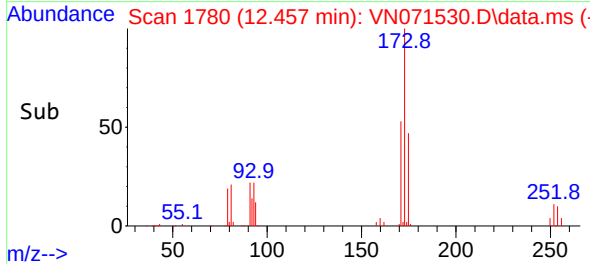
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



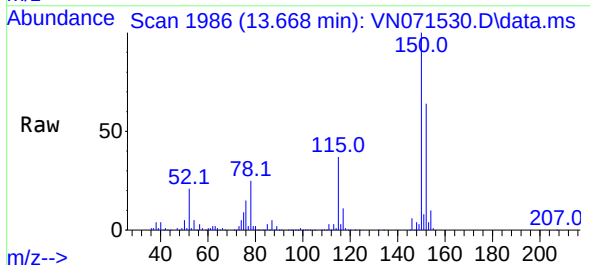
Tgt Ion:173 Resp: 10978
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

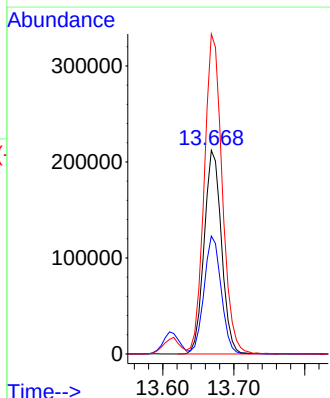
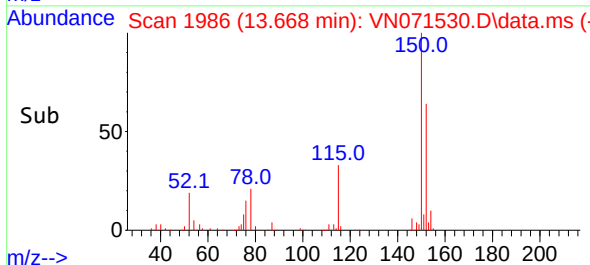
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

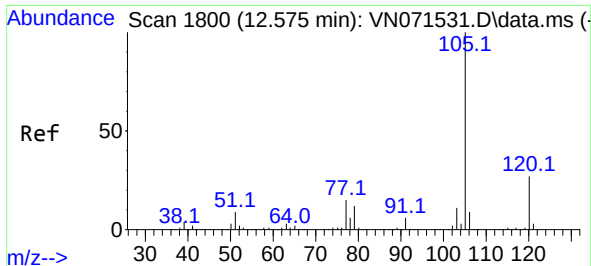


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion:152 Resp: 360233
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 162.7 0.0 356.2





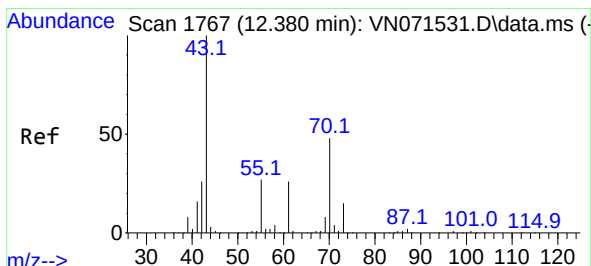
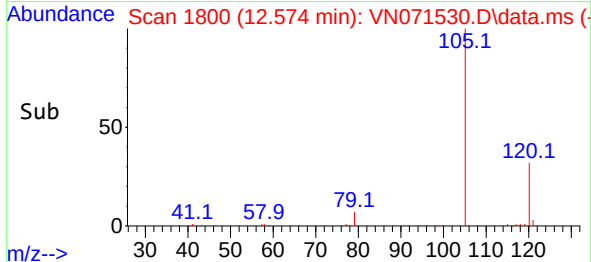
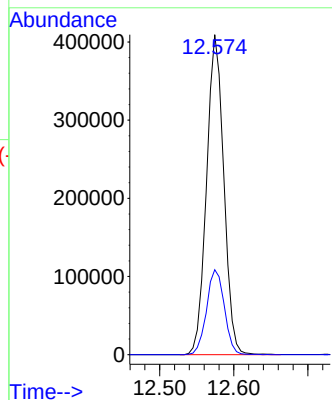
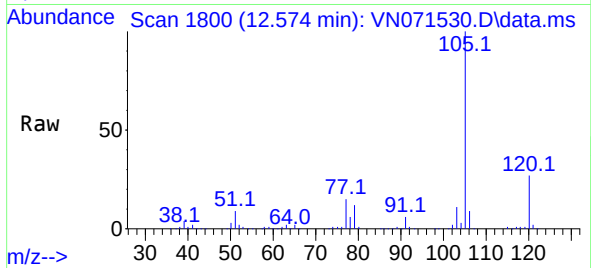
#73
Isopropylbenzene
Concen: 22.494 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 660704
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

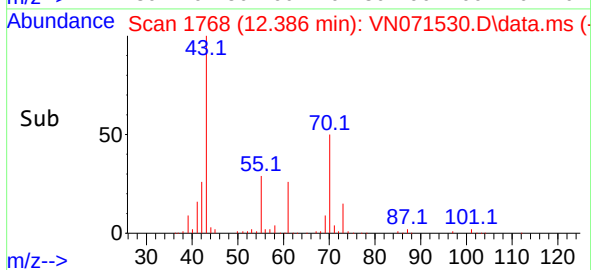
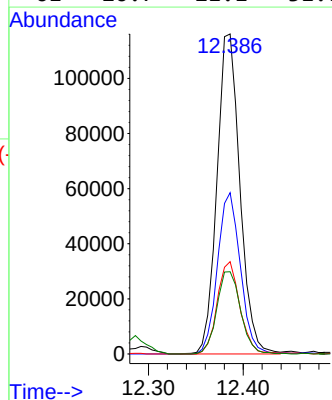
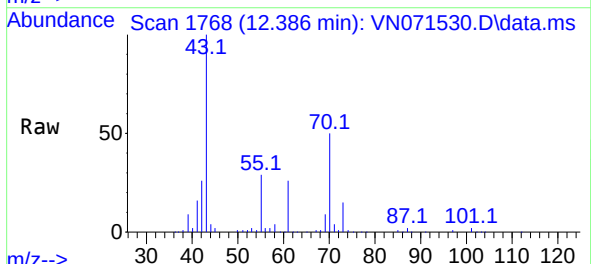
Manual Integrations
APPROVED

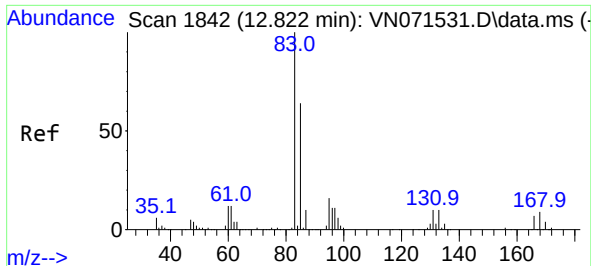
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 20.962 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

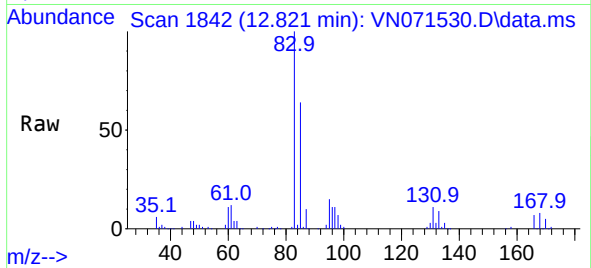
Tgt Ion: 43 Resp: 196099
Ion Ratio Lower Upper
43 100
70 50.2 39.0 58.4
55 28.6 21.1 31.7
61 26.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.465 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

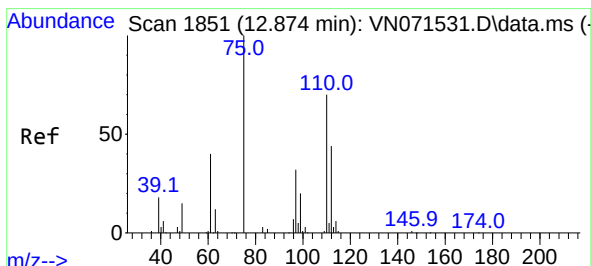
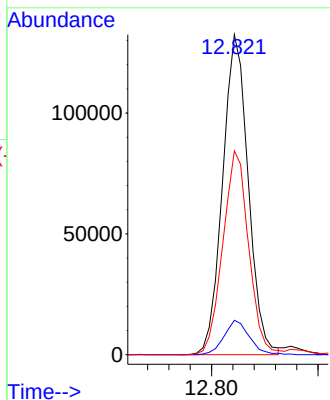
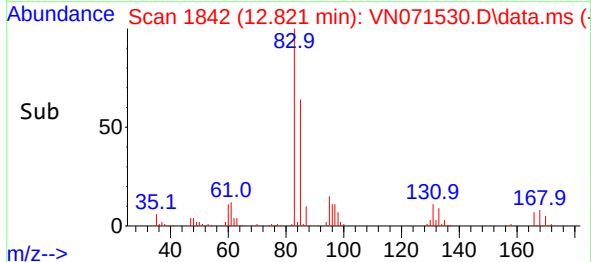
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



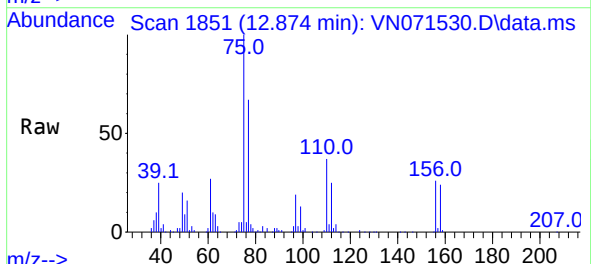
Tgt Ion: 83 Resp: 221424
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

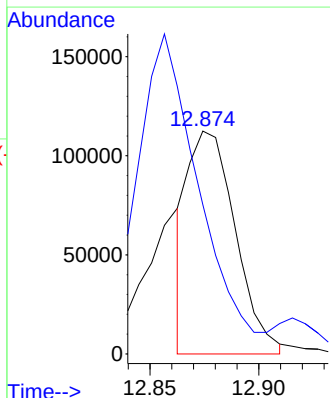
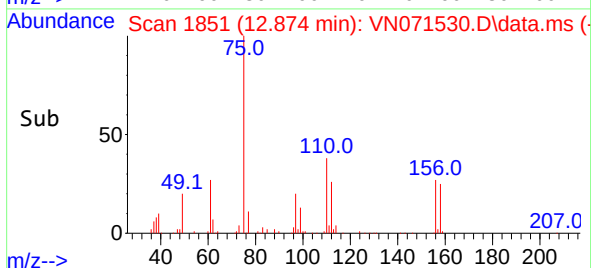
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

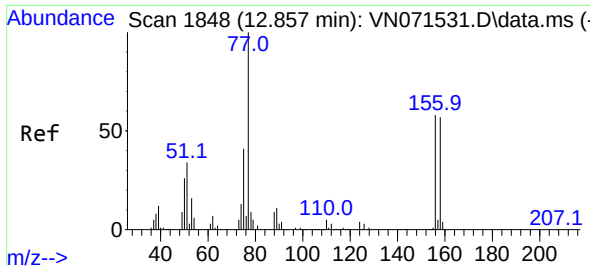


#76
1,2,3-Trichloropropane
Concen: 20.697 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



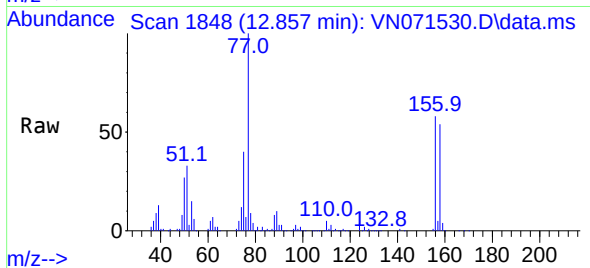
Tgt Ion: 75 Resp: 170545
Ion Ratio Lower Upper
75 100
77 190.3 98.5 295.5





#77
Bromobenzene
Concen: 22.128 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

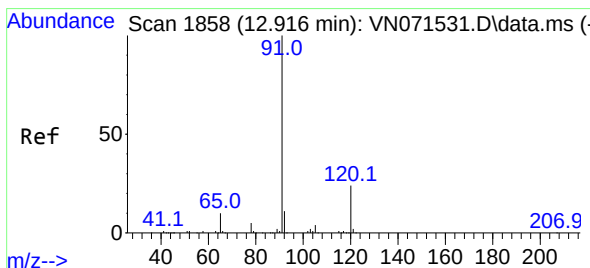
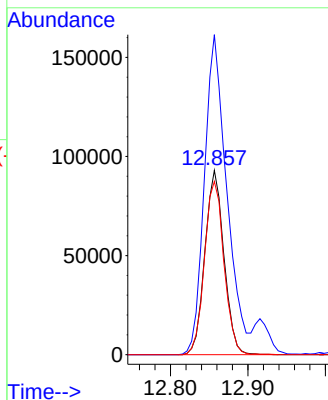
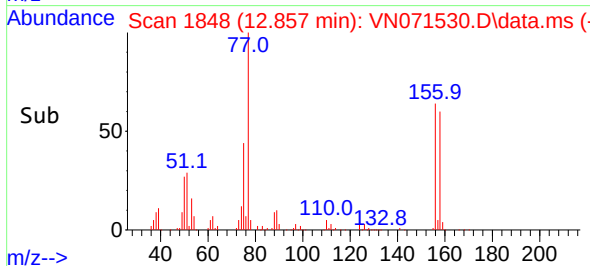
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



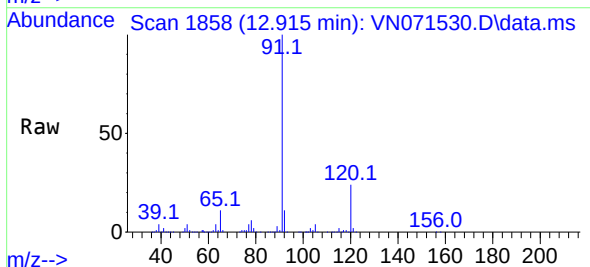
Tgt Ion:156 Resp: 158749
Ion Ratio Lower Upper
156 100
77 204.4 100.5 301.5
158 96.4 48.9 146.6

Manual Integrations
APPROVED

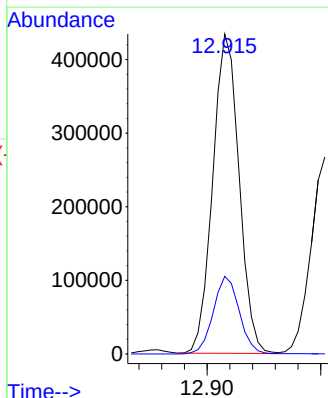
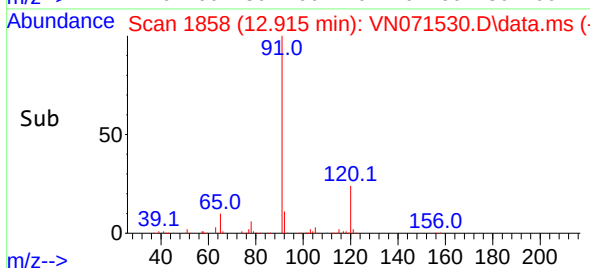
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

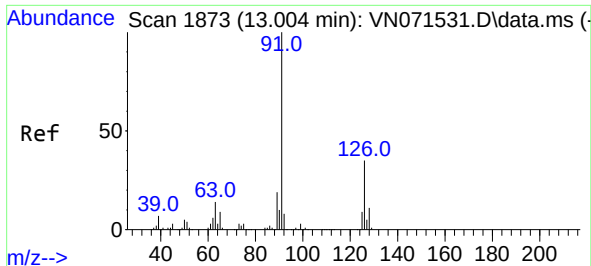


#78
n-propylbenzene
Concen: 21.276 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion: 91 Resp: 697977
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





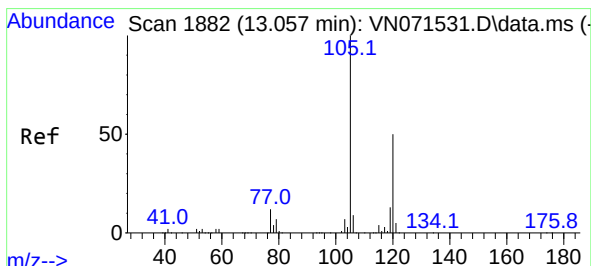
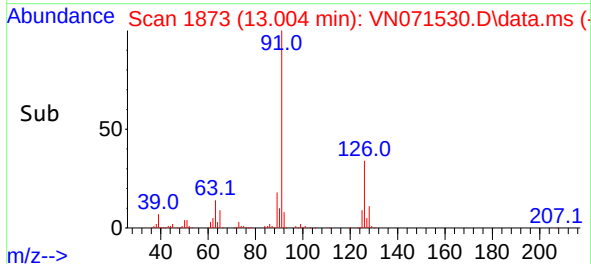
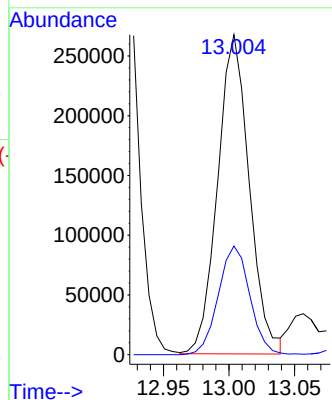
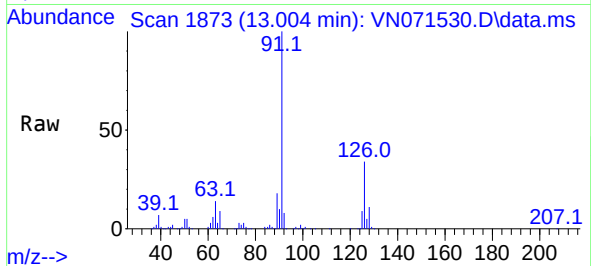
#79
2-Chlorotoluene
Concen: 22.429 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 448334
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

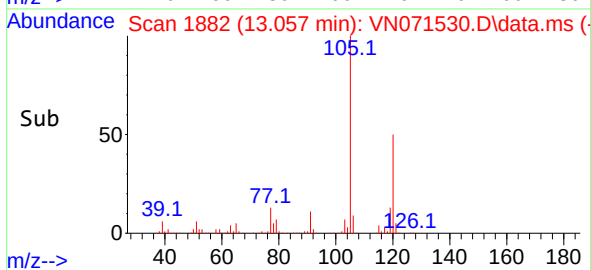
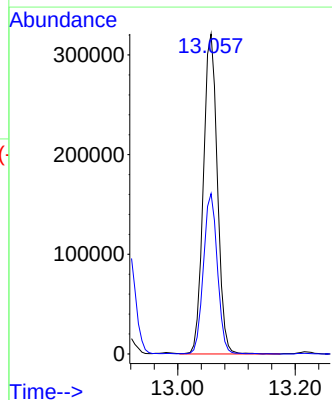
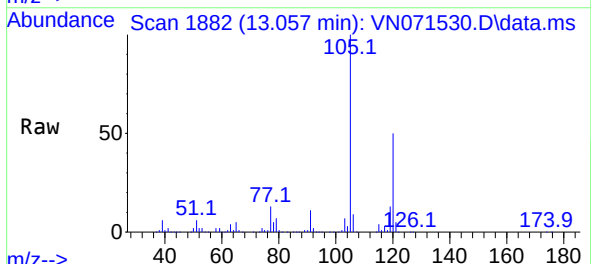
Manual Integrations
APPROVED

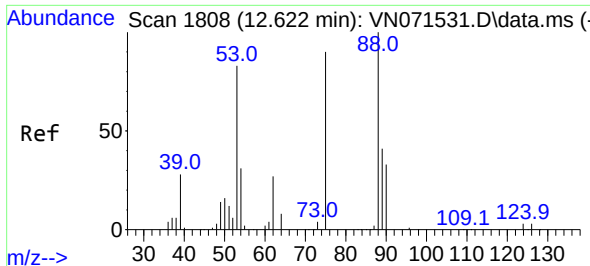
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.453 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:105 Resp: 531487
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





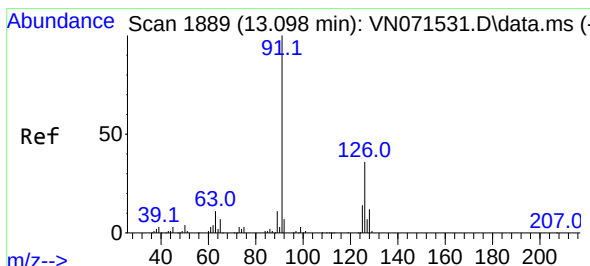
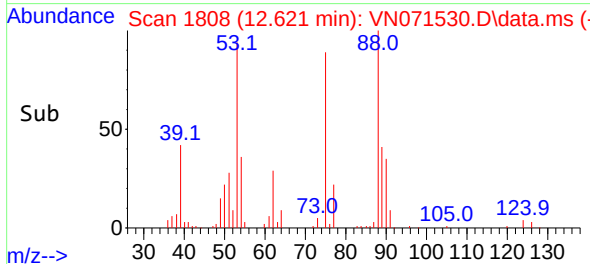
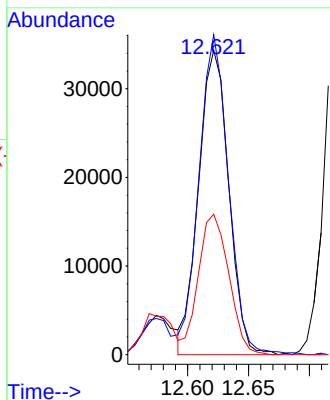
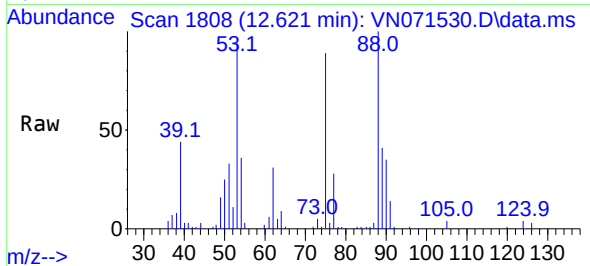
#81
trans-1,4-Dichloro-2-butene
Concen: 22.018 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 5931
Ion Ratio Lower Upper
75 100
53 103.8 78.0 117.0
89 46.8 37.2 55.8

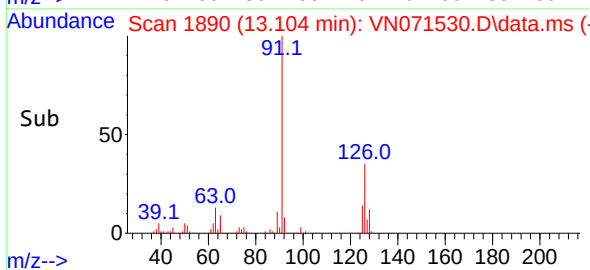
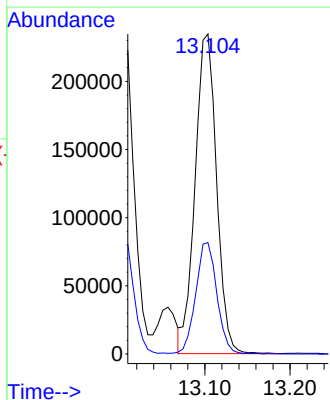
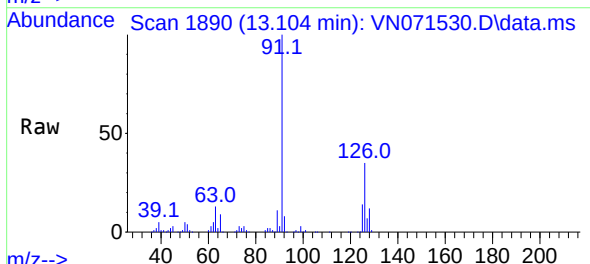
Manual Integrations
APPROVED

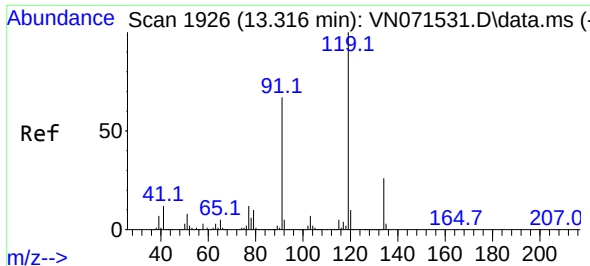
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#82
4-Chlorotoluene
Concen: 21.326 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

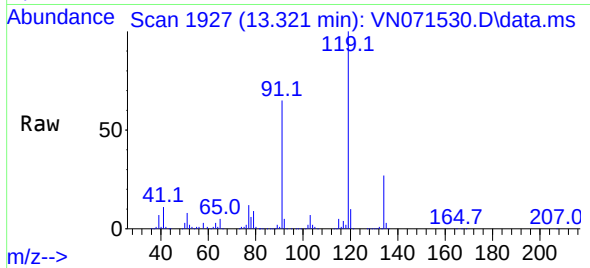
Tgt Ion: 91 Resp: 410540
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 21.101 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

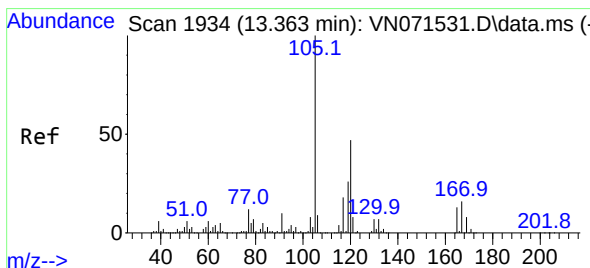
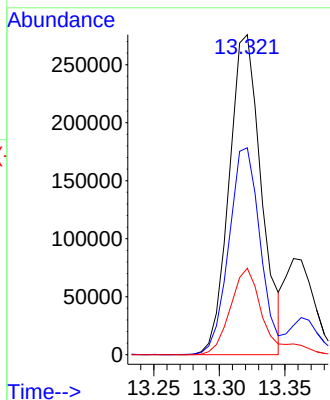
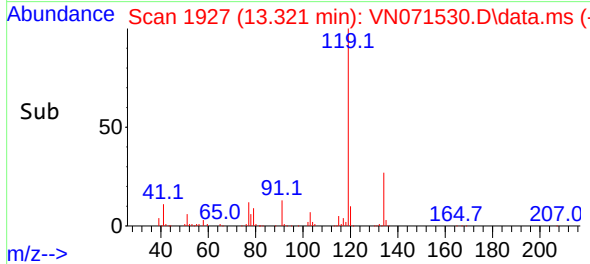
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



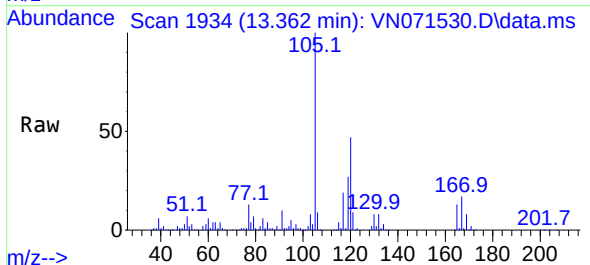
Tgt Ion:119 Resp: 472128
Ion Ratio Lower Upper
119 100
91 62.7 31.6 94.8
134 27.9 13.7 41.1

Manual Integrations
APPROVED

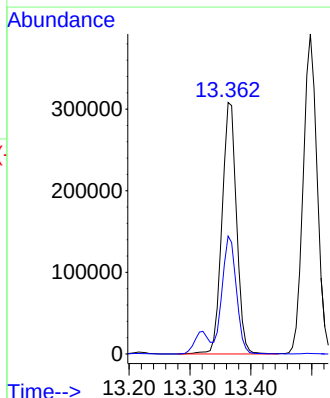
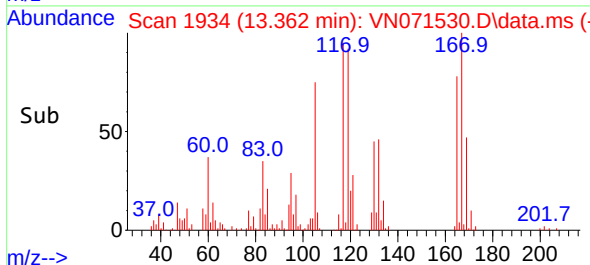
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

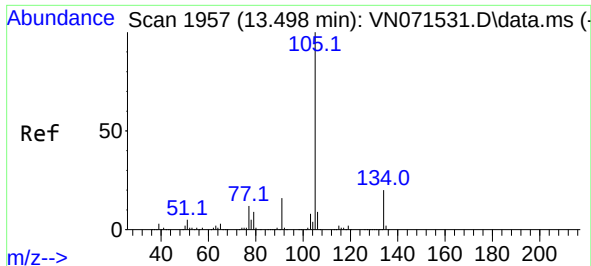


#84
1,2,4-Trimethylbenzene
Concen: 21.950 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion:105 Resp: 511455
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





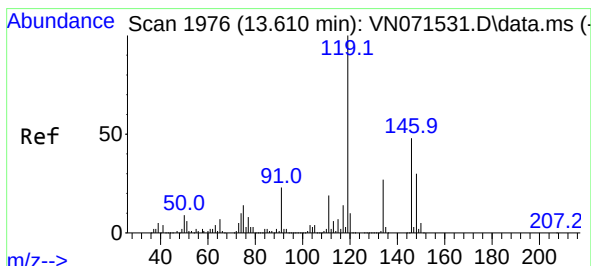
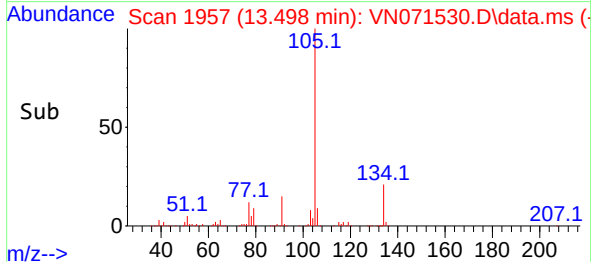
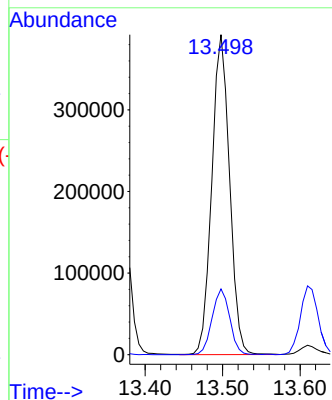
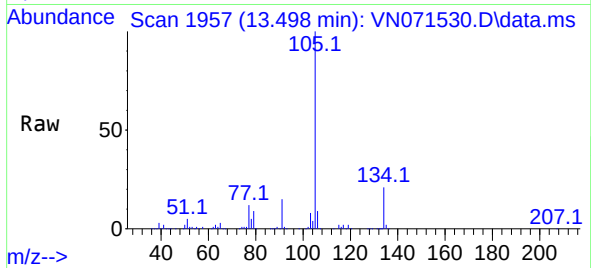
#85
 sec-Butylbenzene
 Concen: 21.135 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 623204
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

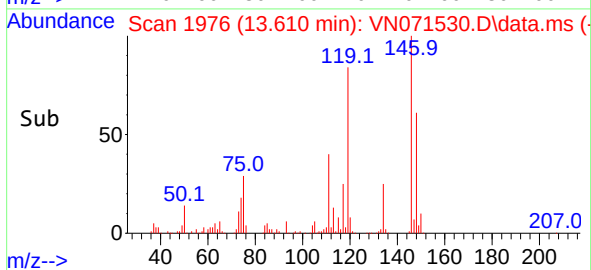
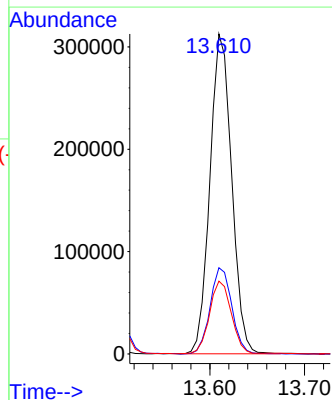
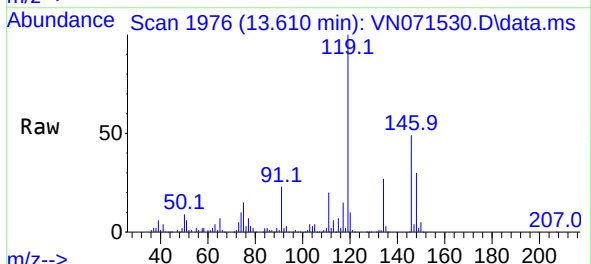
Manual Integrations
 APPROVED

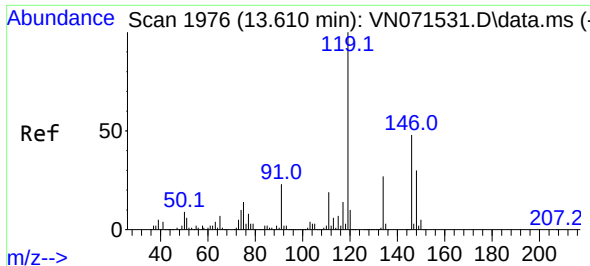
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 20.644 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071530.D
 Acq: 24 Mar 2022 19:58

Tgt Ion:119 Resp: 497510
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.7 11.3 33.9





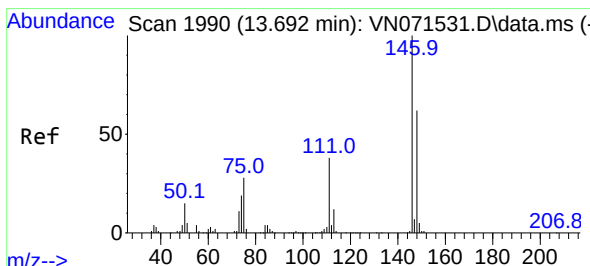
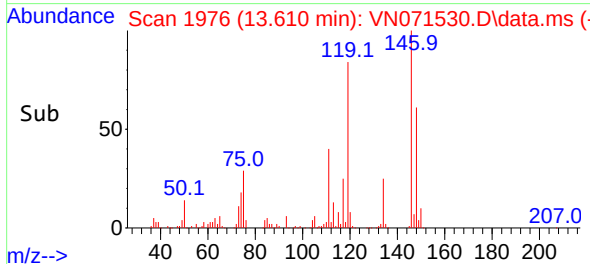
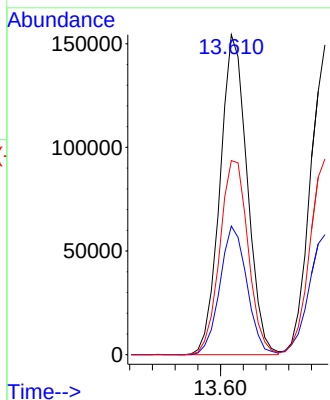
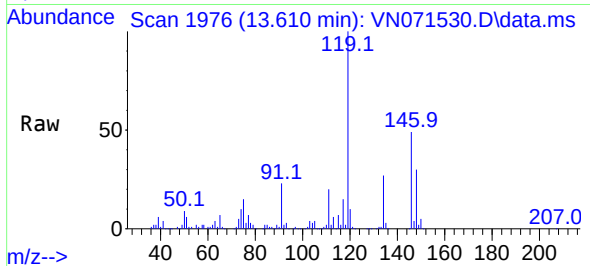
#87
1,3-Dichlorobenzene
Concen: 20.420 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 25629
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.4 32.0 96.0

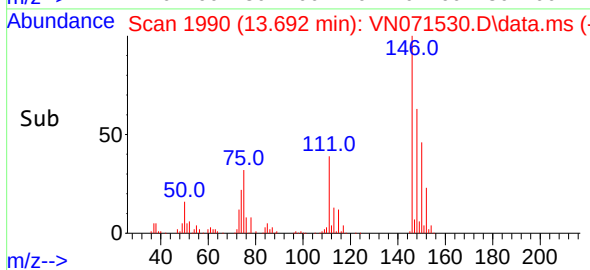
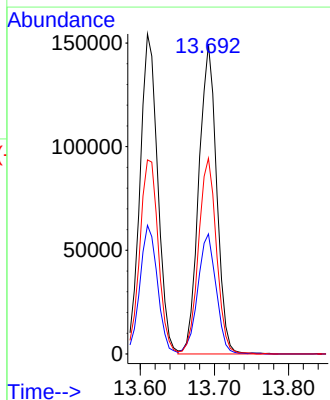
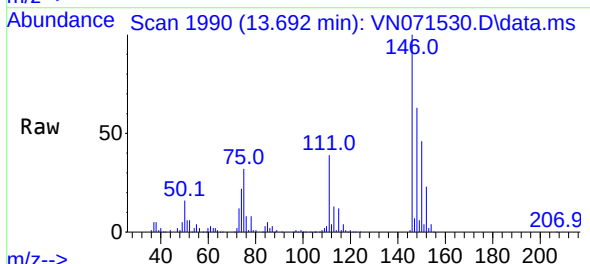
Manual Integrations
APPROVED

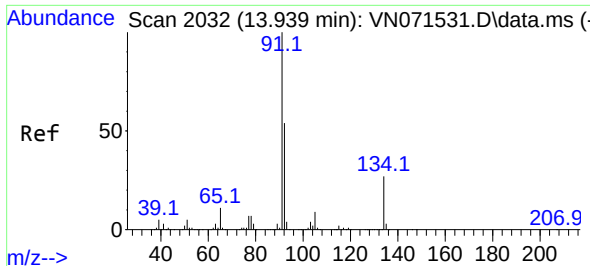
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#88
1,4-Dichlorobenzene
Concen: 20.290 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Tgt Ion:146 Resp: 249699
Ion Ratio Lower Upper
146 100
111 39.7 19.1 57.1
148 63.8 31.4 94.3





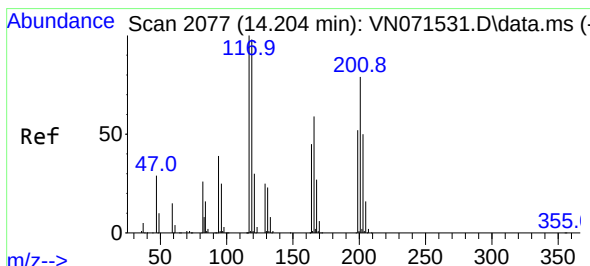
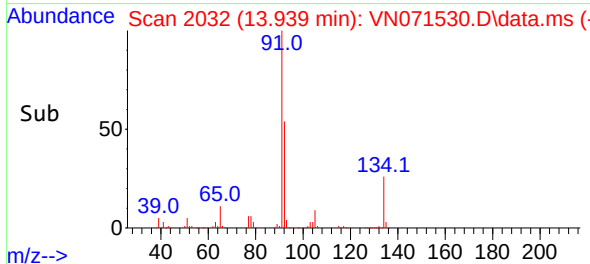
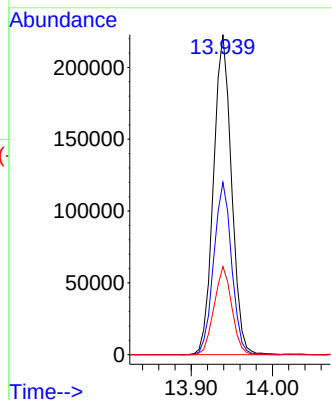
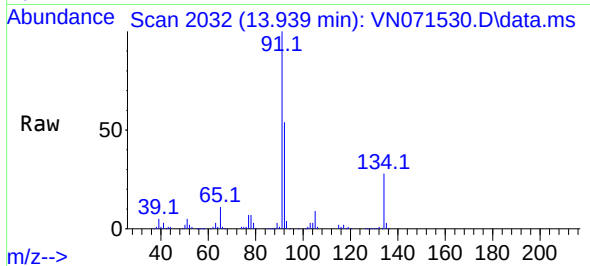
#89
n-Butylbenzene
Concen: 17.730 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 344070
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 27.0 13.6 40.8

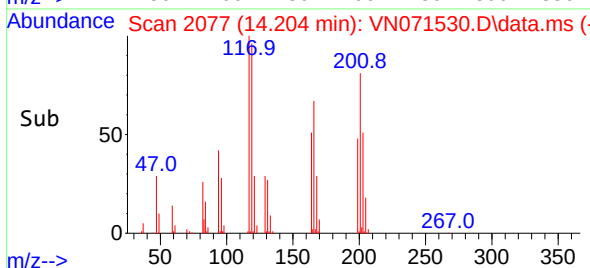
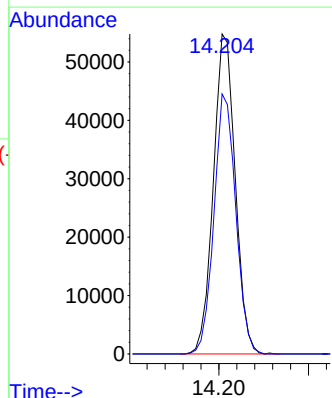
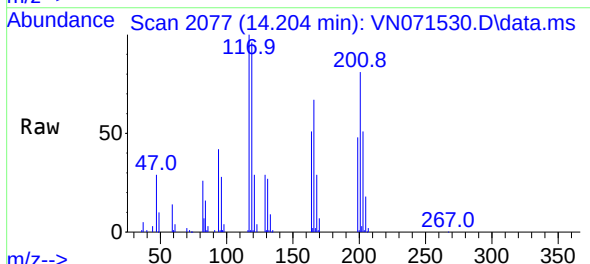
Manual Integrations
APPROVED

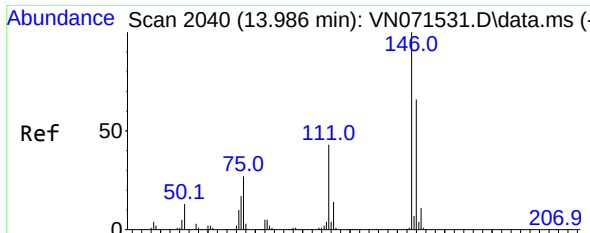
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 21.378 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

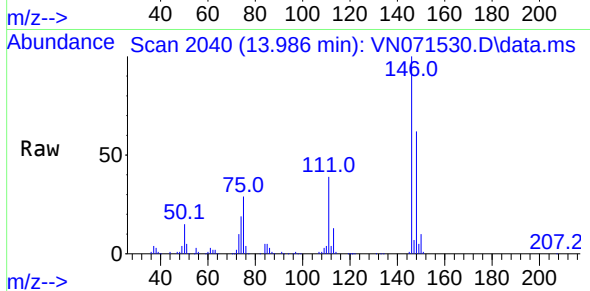
Tgt Ion:117 Resp: 92611
Ion Ratio Lower Upper
117 100
201 81.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 21.799 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

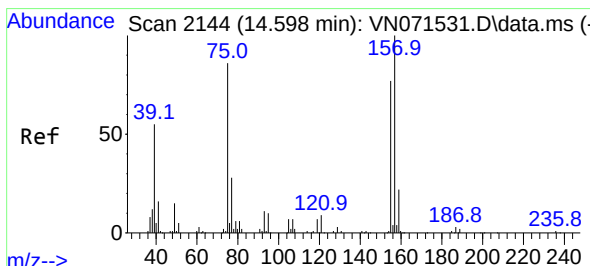
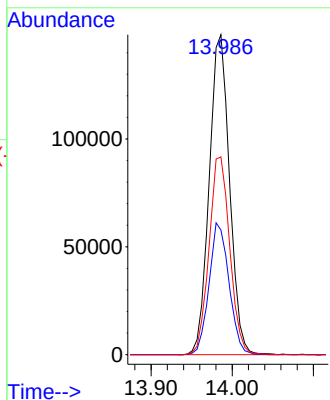
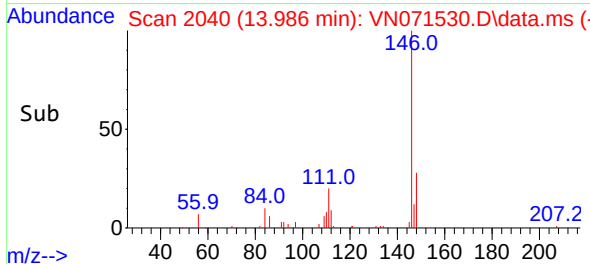
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



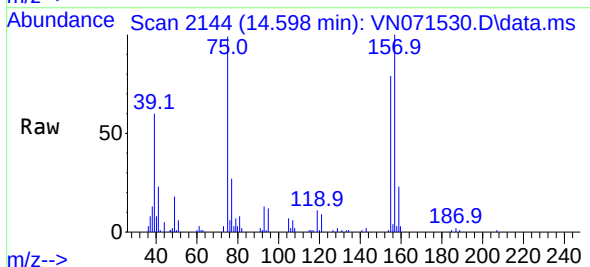
Tgt Ion:146 Resp: 257958
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 63.2 32.1 96.3

Manual Integrations
APPROVED

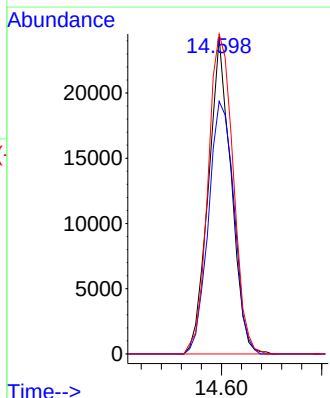
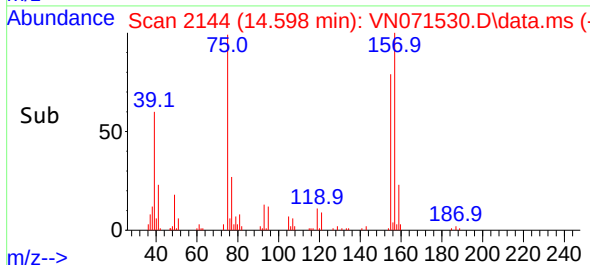
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

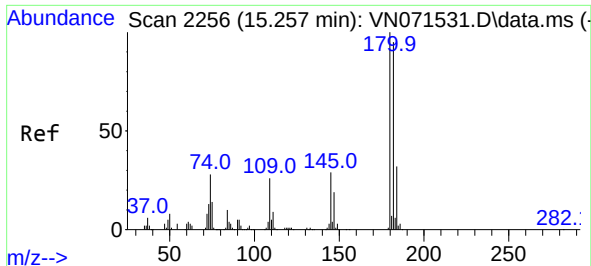


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.761 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



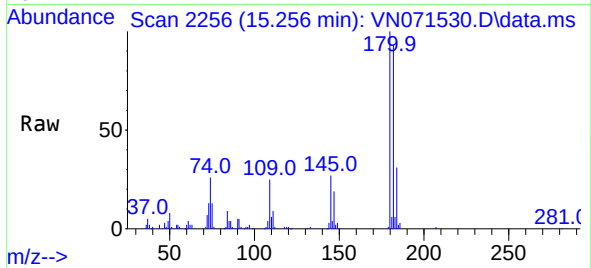
Tgt Ion: 75 Resp: 38113
Ion Ratio Lower Upper
75 100
155 89.6 44.9 134.5
157 111.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 18.551 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

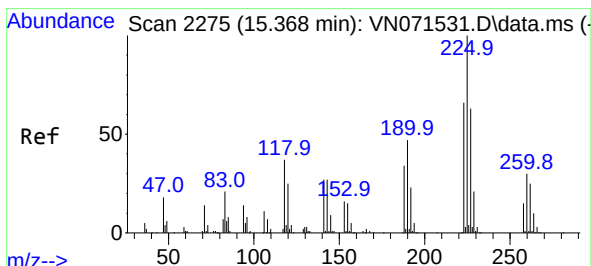
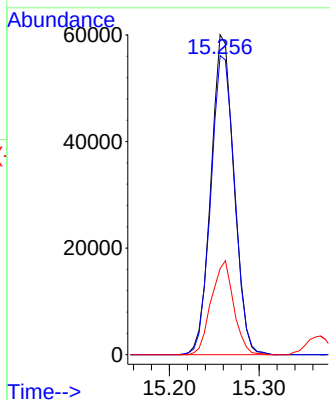
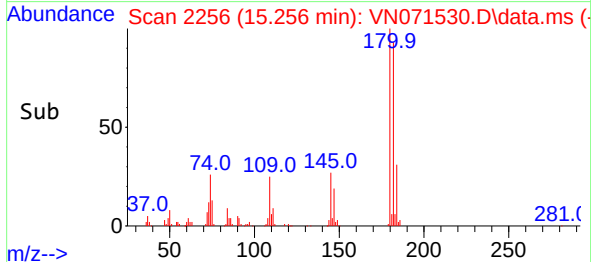
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



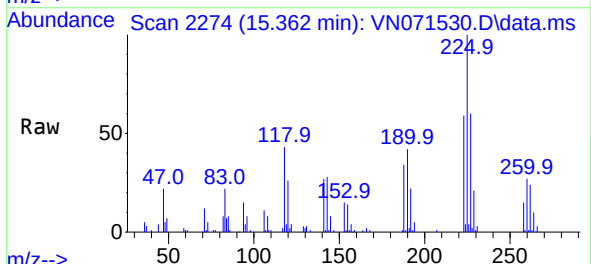
Tgt Ion:180 Resp: 10670
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
APPROVED

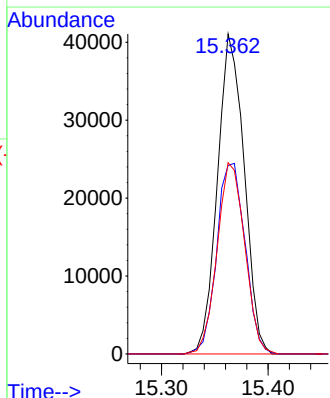
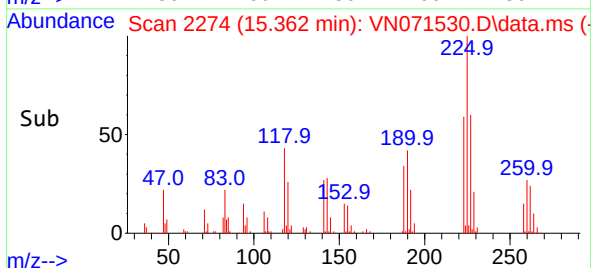
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

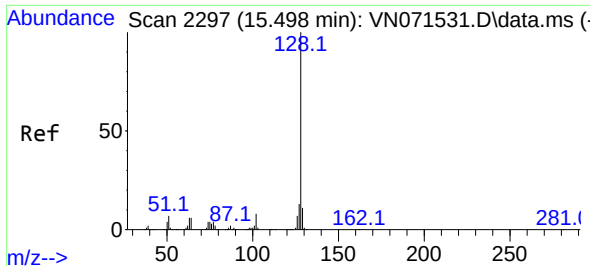


#94
Hexachlorobutadiene
Concen: 17.157 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



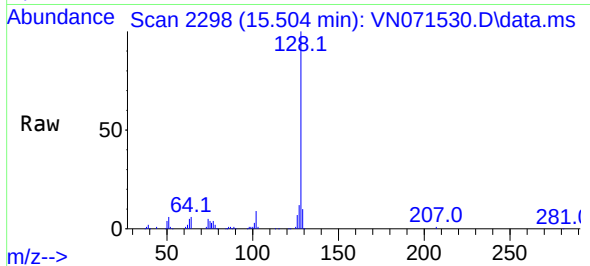
Tgt Ion:225 Resp: 71477
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 61.9 31.8 95.4





#95
Naphthalene
Concen: 22.722 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58

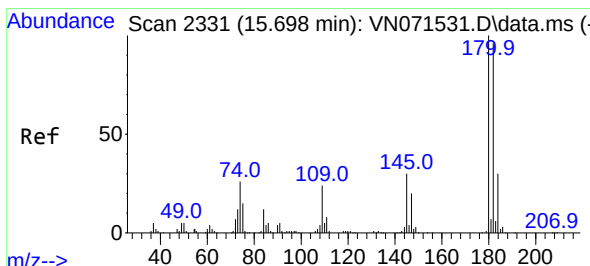
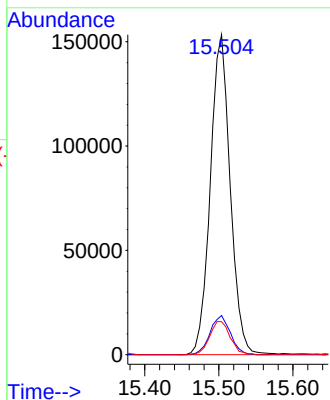
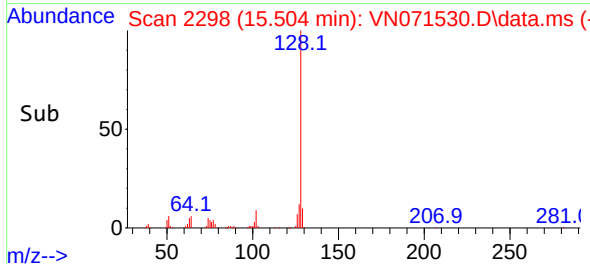
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



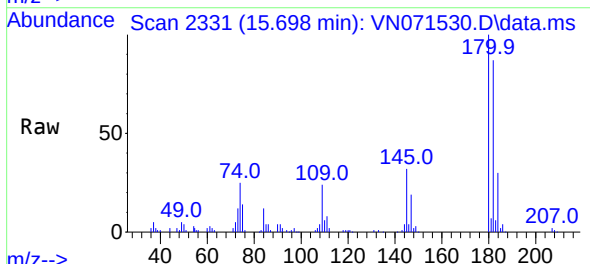
Tgt Ion:128 Resp: 28615
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.667 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071530.D
Acq: 24 Mar 2022 19:58



Tgt Ion:180 Resp: 109288
Ion Ratio Lower Upper
180 100
182 93.4 47.8 143.3
145 30.8 15.5 46.5

