

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071420.D
 Acq On : 21 Mar 2022 15:15
 Operator : JC\MD
 Sample : VN0321MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 21 16:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	567202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	930995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	828117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	321944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	462290	59.468	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.940%	
35) Dibromofluoromethane	8.016	113	340882	58.023	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 116.040%	
50) Toluene-d8	10.439	98	1330480	56.247	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.727	95	452331	56.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	100928	16.236	ug/l	98
3) Chloromethane	2.299	50	142751	17.082	ug/l	98
4) Vinyl Chloride	2.440	62	128500	16.867	ug/l	97
5) Bromomethane	2.834	94	67655	15.801	ug/l	94
6) Chloroethane	3.010	64	79283	17.185	ug/l	92
7) Trichlorofluoromethane	3.369	101	180119	17.963	ug/l	100
8) Diethyl Ether	3.828	74	82967	19.336	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	104389	17.984	ug/l	96
10) Methyl Iodide	4.422	142	132880	16.208	ug/l	100
11) Tert butyl alcohol	5.357	59	162461	106.384	ug/l	98
12) 1,1-Dichloroethene	4.175	96	98625	17.344	ug/l	90
13) Acrolein	4.040	56	77908	48.199	ug/l	100
14) Allyl chloride	4.840	41	226346	18.301	ug/l #	86
15) Acrylonitrile	5.551	53	466679	102.918	ug/l	99
16) Acetone	4.281	43	403909	106.785	ug/l	99
17) Carbon Disulfide	4.528	76	233935	14.450	ug/l	98
18) Methyl Acetate	4.851	43	230992	22.995	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	433353	20.298	ug/l	95
20) Methylene Chloride	5.087	84	132089	19.343	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	109266	17.567	ug/l	84
22) Diisopropyl ether	6.493	45	488134	20.034	ug/l	92
23) Vinyl Acetate	6.428	43	2105430	102.069	ug/l	98
24) 1,1-Dichloroethane	6.387	63	245968	19.104	ug/l	98
25) 2-Butanone	7.328	43	663094	108.828	ug/l	93
26) 2,2-Dichloropropane	7.322	77	193057	19.436	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	137959	18.689	ug/l	90
28) Bromochloromethane	7.651	49	106808	18.629	ug/l #	79
29) Tetrahydrofuran	7.681	42	453327	107.394	ug/l	91
30) Chloroform	7.810	83	237121	19.310	ug/l	100
31) Cyclohexane	8.092	56	218635	17.612	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	198153	18.944	ug/l	97
36) 1,1-Dichloropropene	8.216	75	164239	17.448	ug/l	96
37) Ethyl Acetate	7.404	43	259615	20.041	ug/l	99
38) Carbon Tetrachloride	8.204	117	163788	17.989	ug/l	99
39) Methylcyclohexane	9.457	83	196126	17.711	ug/l	91
40) Benzene	8.457	78	532046	18.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	119602	18.866	ug/l	92
42) 1,2-Dichloroethane	8.528	62	196721	19.933	ug/l	99
43) Isopropyl Acetate	8.557	43	402349	20.769	ug/l	95
44) Trichloroethene	9.210	130	125211	18.712	ug/l	98
45) 1,2-Dichloropropane	9.486	63	148498	19.506	ug/l	100
46) Dibromomethane	9.575	93	92603	19.762	ug/l	96
47) Bromodichloromethane	9.757	83	178842	18.886	ug/l	98
48) Methyl methacrylate	9.557	41	181342	20.200	ug/l #	84
49) 1,4-Dioxane	9.563	88	68265	437.463	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1296162	107.811	ug/l	100
52) Toluene	10.504	92	328744	18.824	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	197446	18.915	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	218426	19.151	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	137265	19.615	ug/l	98
56) Ethyl methacrylate	10.757	69	226791	19.845	ug/l	90
57) 1,3-Dichloropropane	11.039	76	246857	19.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	228244	112.333	ug/l	94
59) 2-Hexanone	11.080	43	947826	115.545	ug/l	99
60) Dibromochloromethane	11.233	129	132747	19.092	ug/l	99
61) 1,2-Dibromoethane	11.345	107	138136	19.314	ug/l	97
64) Tetrachloroethene	10.975	164	105080	18.194	ug/l	97
65) Chlorobenzene	11.769	112	341392	19.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	128525	19.709	ug/l	99
67) Ethyl Benzene	11.839	91	609422	19.381	ug/l	96
68) m/p-Xylenes	11.951	106	457077	39.734	ug/l	98
69) o-Xylene	12.275	106	233228	20.226	ug/l	98
70) Styrene	12.292	104	364440	20.418	ug/l	96
71) Bromoform	12.451	173	100655	20.325	ug/l #	100
73) Isopropylbenzene	12.575	105	597950	19.267	ug/l	99
74) N-amyl acetate	12.380	43	257493	22.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	226226	23.154	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	202072m	24.455	ug/l	
77) Bromobenzene	12.857	156	141994	19.621	ug/l	78
78) n-propylbenzene	12.916	91	643252	19.315	ug/l	97
79) 2-Chlorotoluene	13.004	91	403774	18.888	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	476278	19.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	61043	20.496	ug/l	96
82) 4-Chlorotoluene	13.098	91	379822	19.947	ug/l	93
83) tert-Butylbenzene	13.322	119	432369	20.066	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	470435	20.341	ug/l	98
85) sec-Butylbenzene	13.498	105	577732	20.172	ug/l	98
86) p-Isopropyltoluene	13.610	119	457018	20.290	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	224726	19.111	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	218642	19.022	ug/l	97
89) n-Butylbenzene	13.939	91	345687	19.622	ug/l	96
90) Hexachloroethane	14.204	117	86671	19.350	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	224831	19.888	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38783	21.478	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	104002	21.522	ug/l	96
94) Hexachlorobutadiene	15.368	225	61947	19.519	ug/l	100
95) Naphthalene	15.504	128	317780	24.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	101932	21.797	ug/l	97

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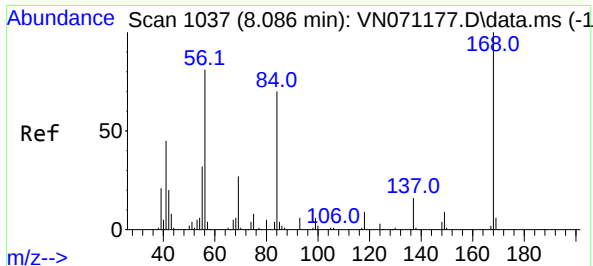
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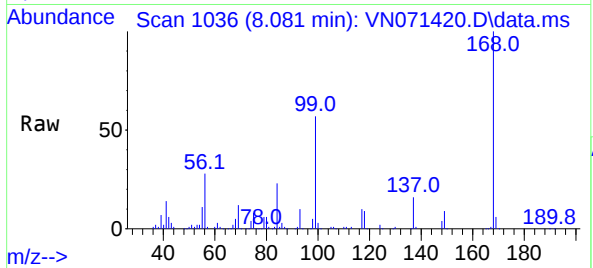
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

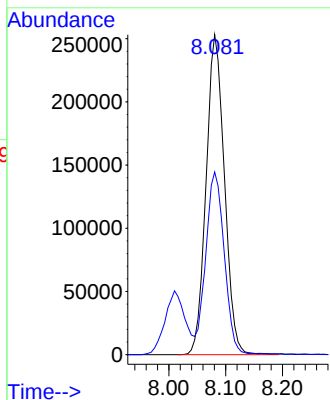
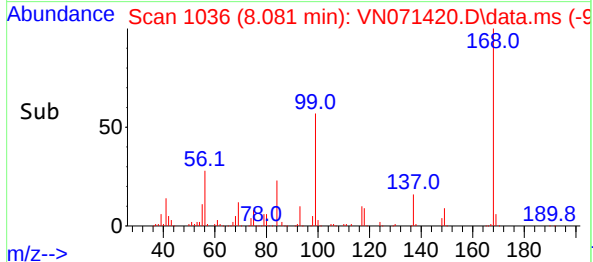
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



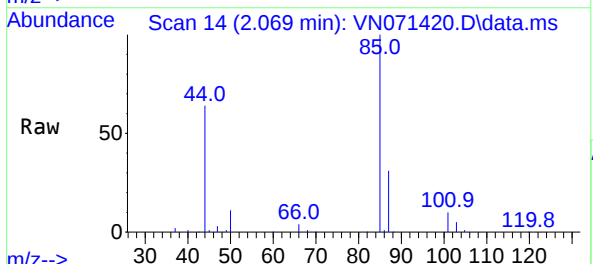
Tgt Ion:168 Resp: 56720
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9

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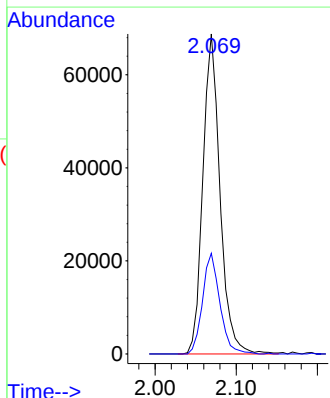
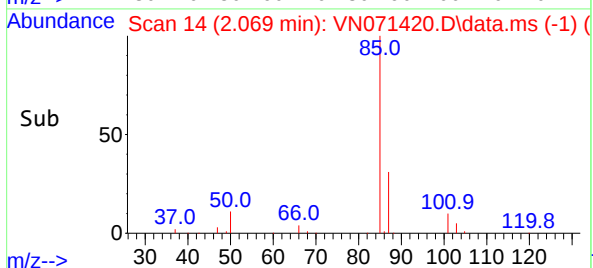
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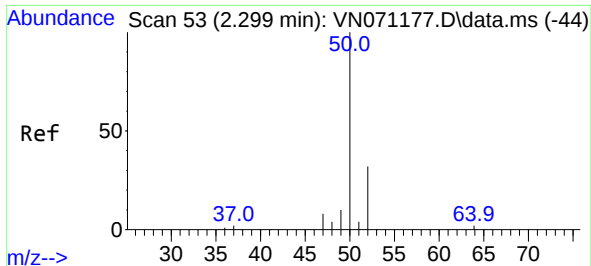


#2
Dichlorodifluoromethane
Concen: 16.236 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



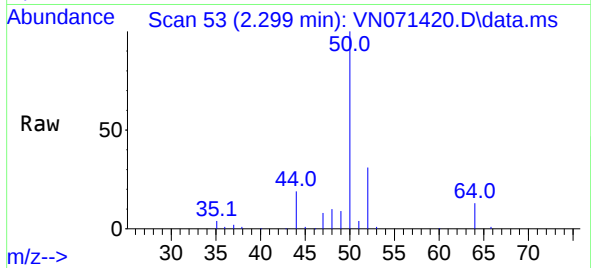
Tgt Ion: 85 Resp: 100928
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 17.082 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

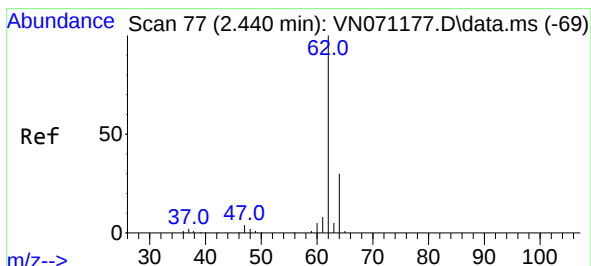
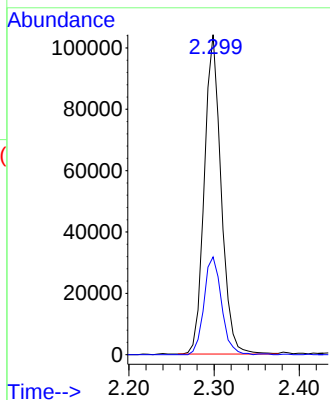
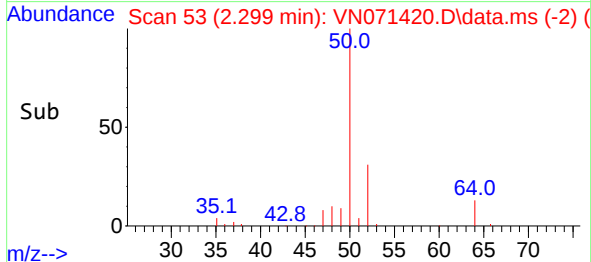
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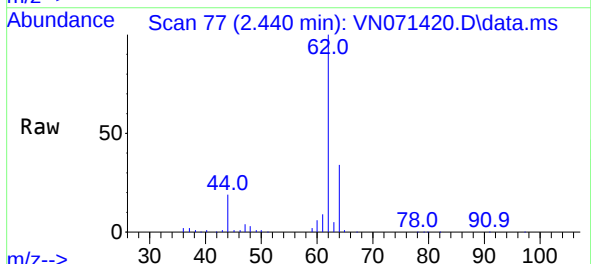
Tgt Ion: 50 Resp: 14275
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.0

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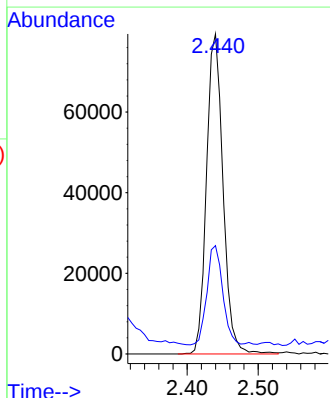
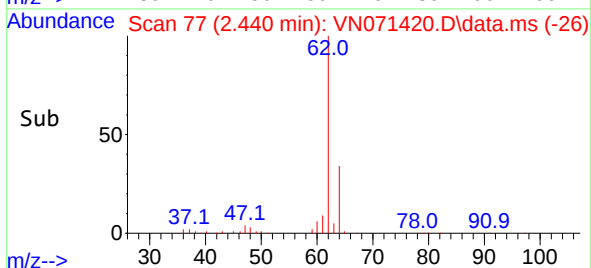
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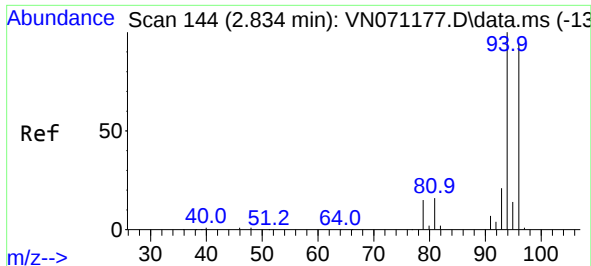


#4
Vinyl Chloride
Concen: 16.867 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



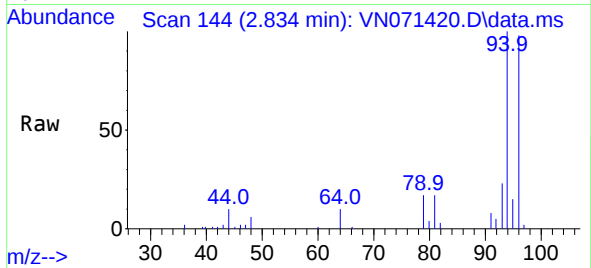
Tgt Ion: 62 Resp: 128500
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 15.801 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

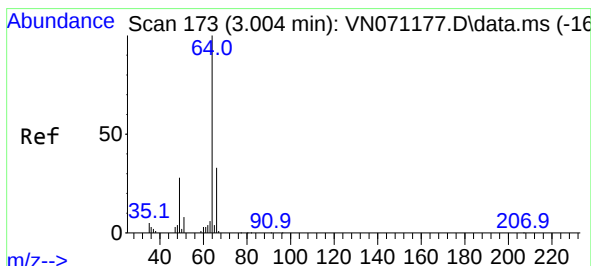
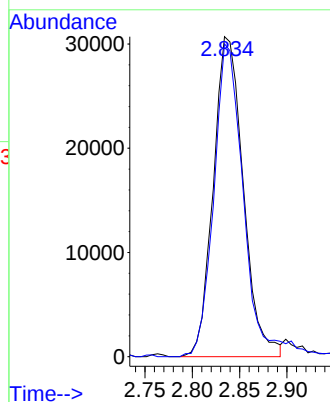
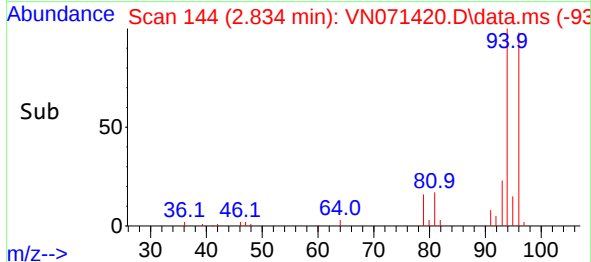
Instrument :
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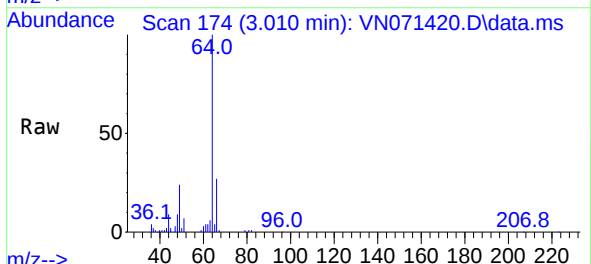
Tgt Ion: 94 Resp: 6765
Ion Ratio Lower Upper
94 100
96 97.8 73.8 110.8

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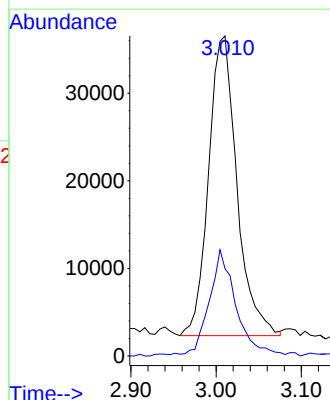
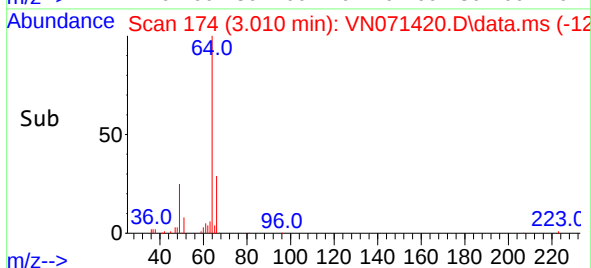
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#6
Chloroethane
Concen: 17.185 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



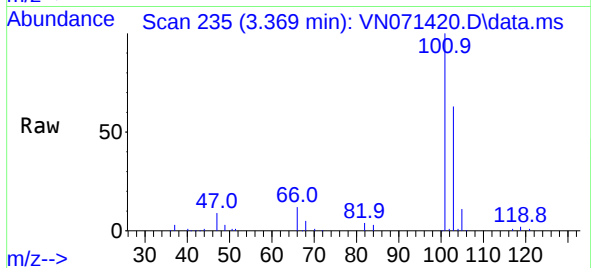
Tgt Ion: 64 Resp: 79283
Ion Ratio Lower Upper
64 100
66 28.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.963 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

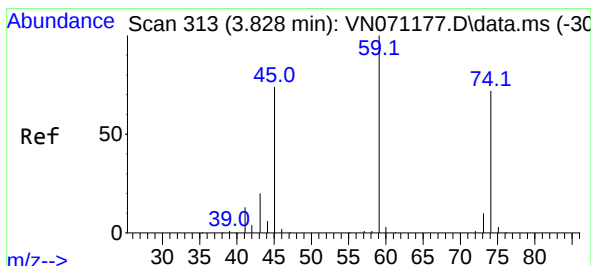
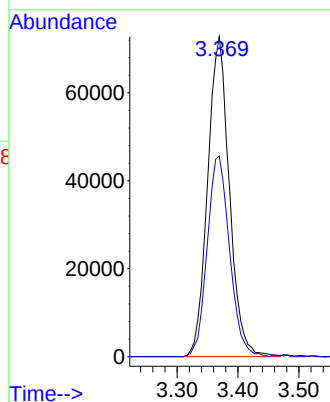
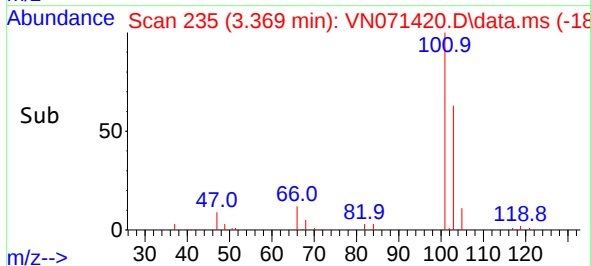
Instrument :
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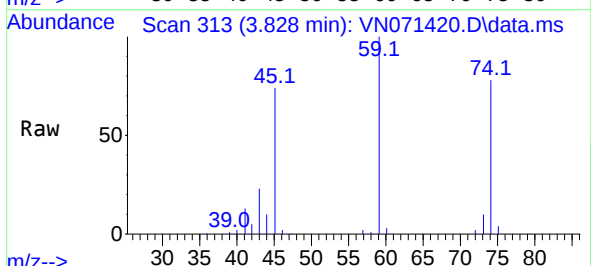
Tgt Ion:101 Resp: 180119
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

Manual Integrations
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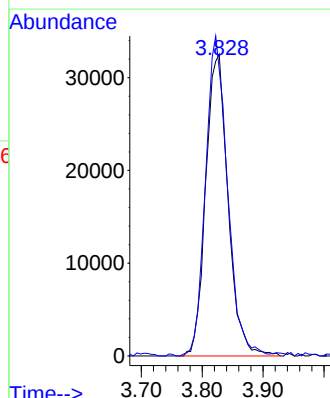
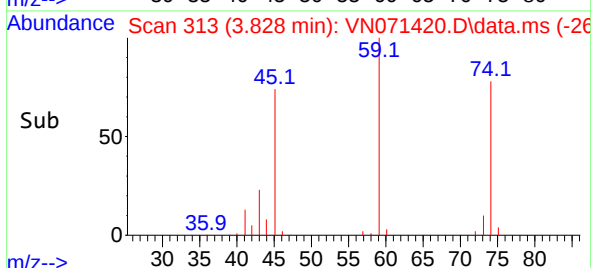
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

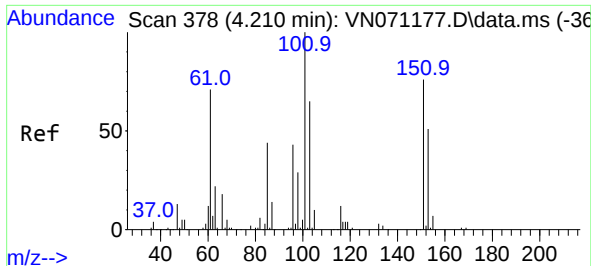


#8
Diethyl Ether
Concen: 19.336 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 74 Resp: 82967
Ion Ratio Lower Upper
74 100
45 104.3 47.0 141.2





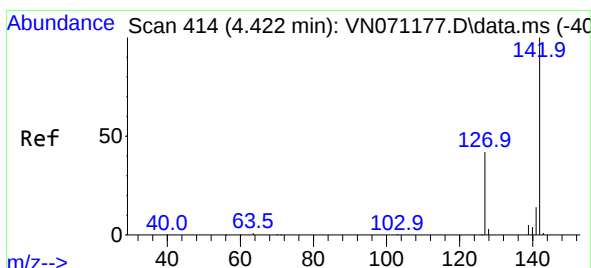
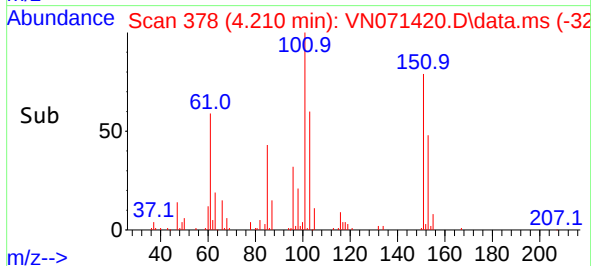
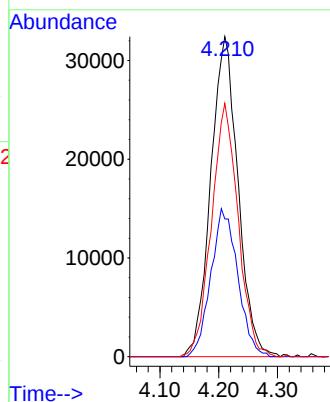
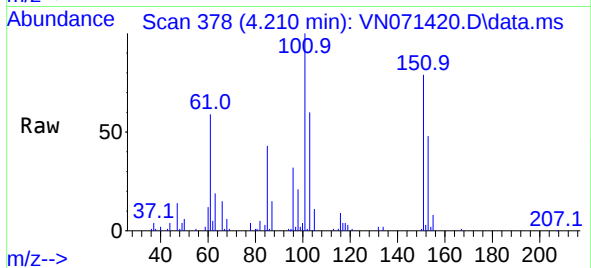
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1,1,2-Trichlorotrifluoroethane
Concen: 17.984 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

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Tgt Ion:101 Resp: 104389
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 77.3 65.9 98.9

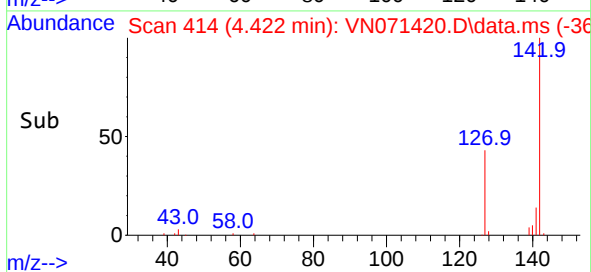
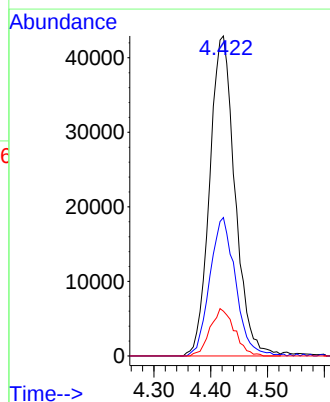
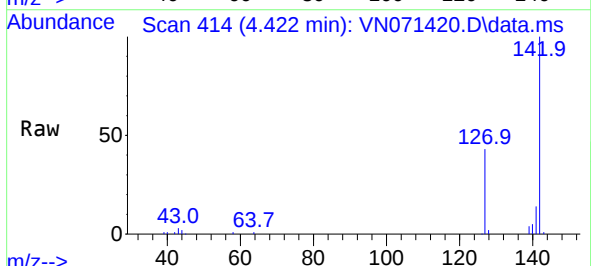
Manual Integrations
APPROVED

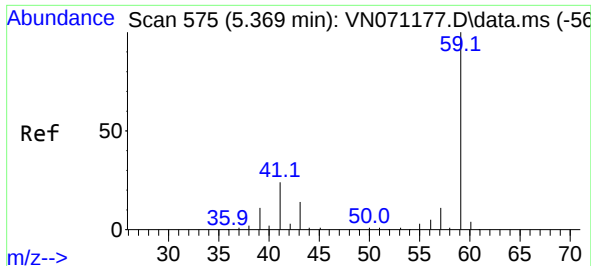
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 16.208 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

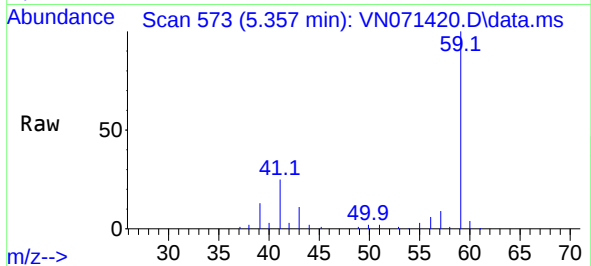
Tgt Ion:142 Resp: 132880
Ion Ratio Lower Upper
142 100
127 44.1 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 106.384 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

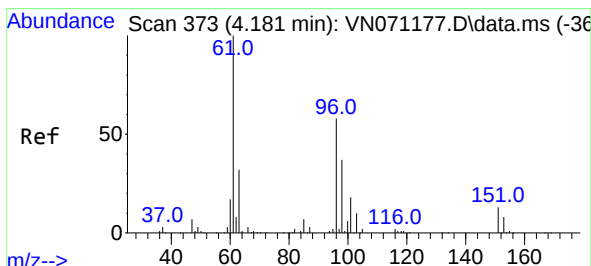
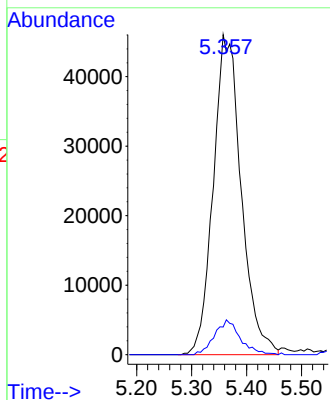
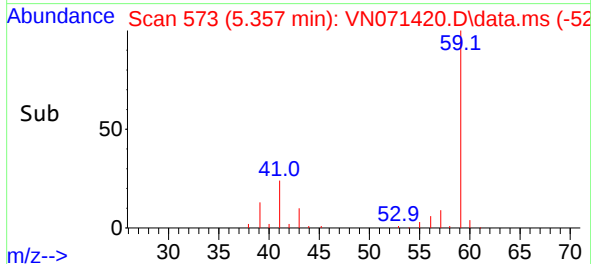
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



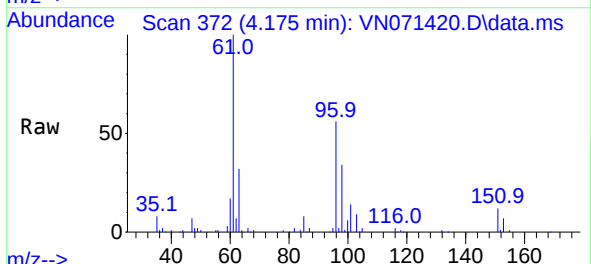
Tgt Ion: 59 Resp: 16246
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

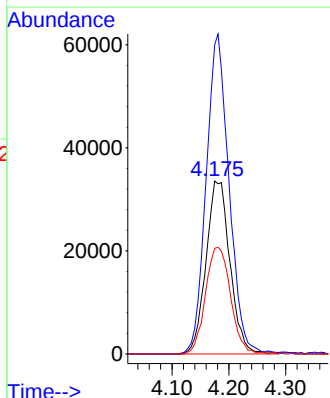
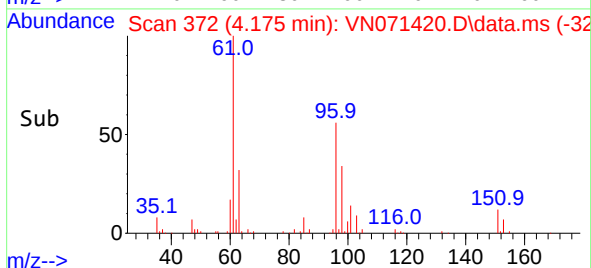
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 17.344 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



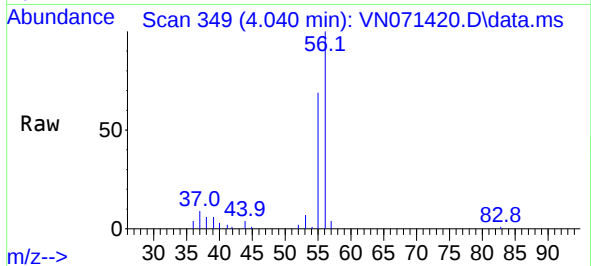
Tgt Ion: 96 Resp: 98625
Ion Ratio Lower Upper
96 100
61 179.0 131.0 196.6
98 61.1 52.4 78.6





#13
Acrolein
Concen: 48.199 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

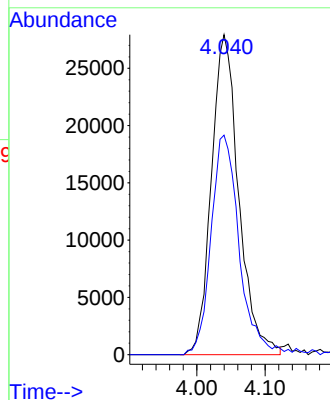
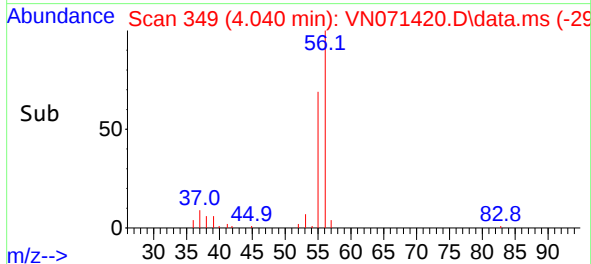
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



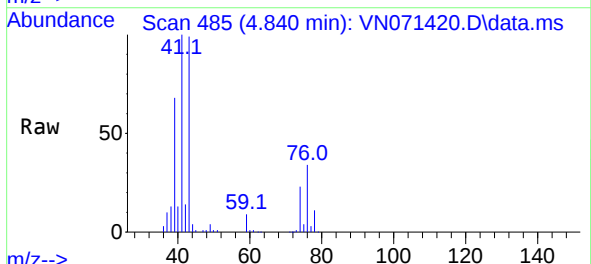
Tgt Ion: 56 Resp: 77908
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

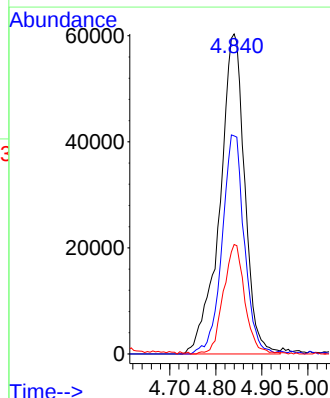
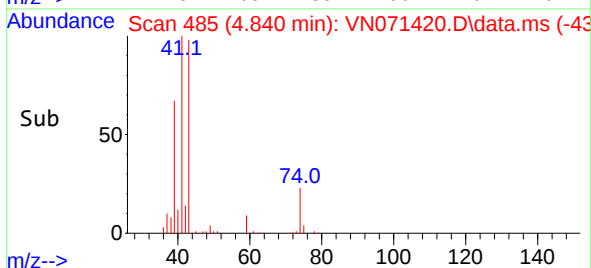
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

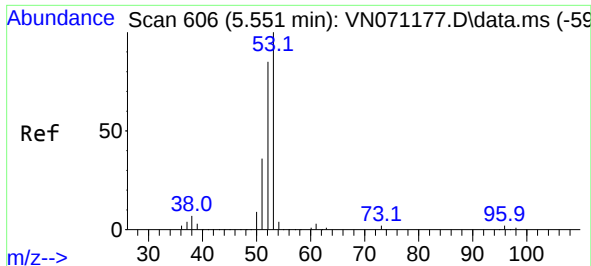


#14
Allyl chloride
Concen: 18.301 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



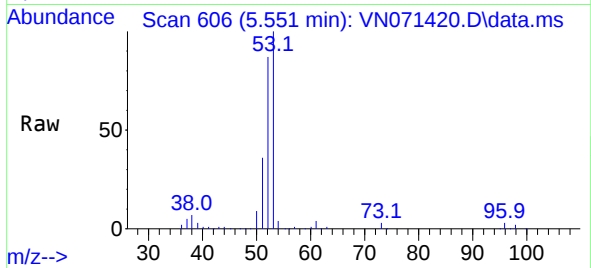
Tgt Ion: 41 Resp: 226346
Ion Ratio Lower Upper
41 100
39 61.0 61.2 91.8#
76 29.4 26.0 39.0





#15
Acrylonitrile
Concen: 102.918 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

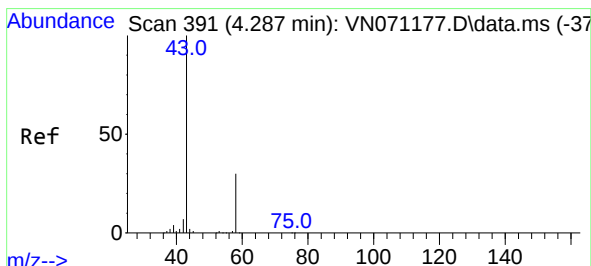
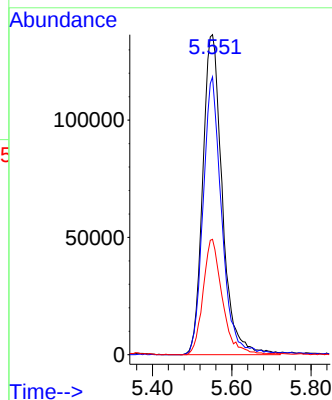
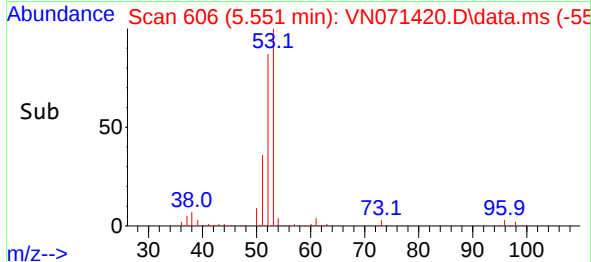
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



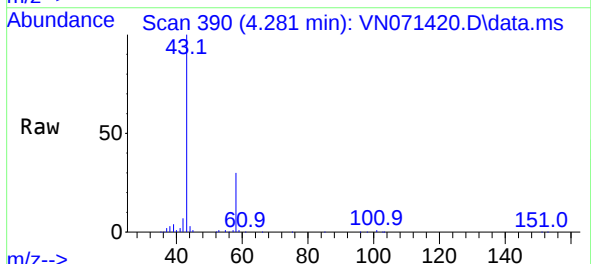
Tgt Ion: 53 Resp: 466679
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.7 29.6 44.4

Manual Integrations
APPROVED

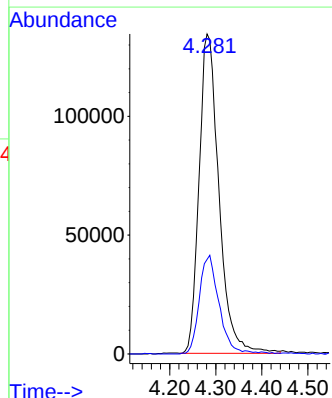
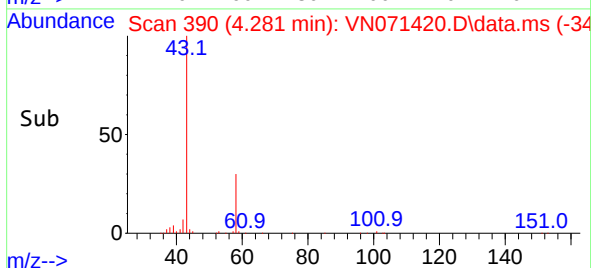
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

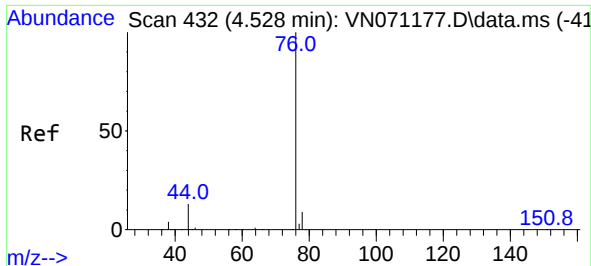


#16
Acetone
Concen: 106.785 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



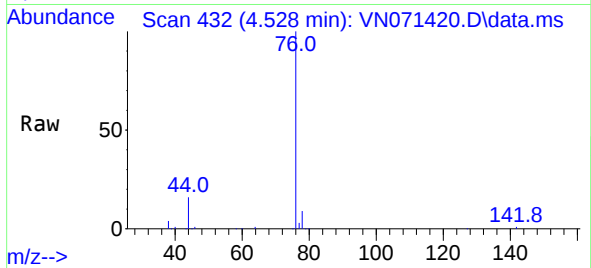
Tgt Ion: 43 Resp: 403909
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#17
Carbon Disulfide
Concen: 14.450 ug/l
RT: 4.528 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

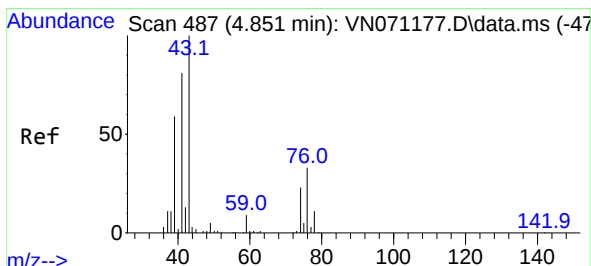
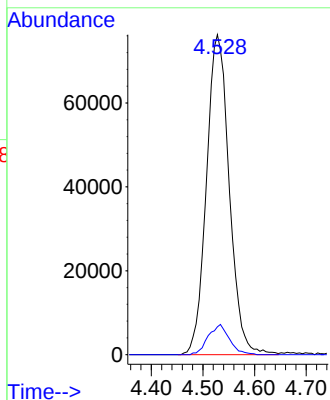
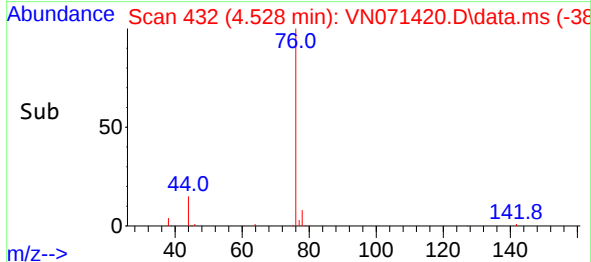
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



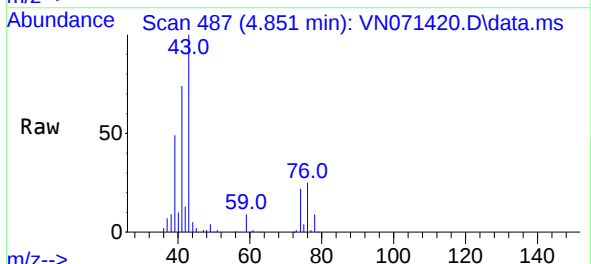
Tgt Ion: 76 Resp: 233935
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
APPROVED

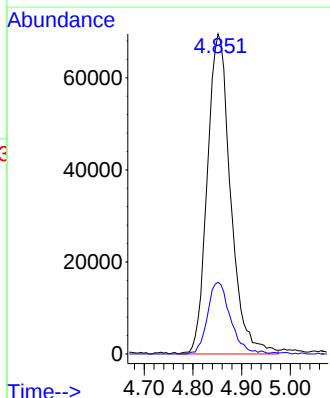
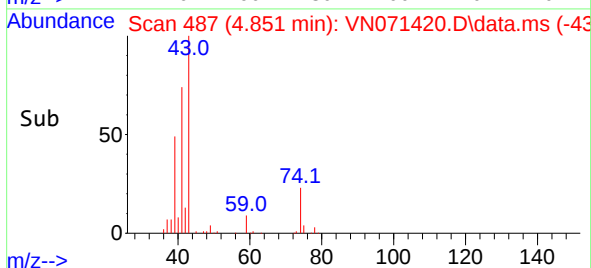
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

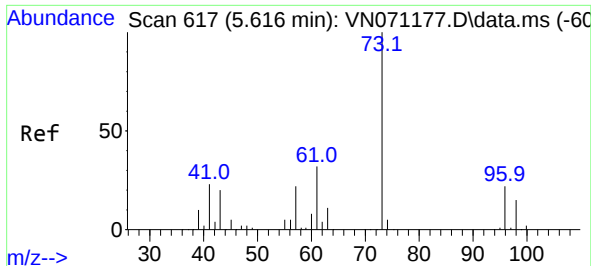


#18
Methyl Acetate
Concen: 22.995 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 43 Resp: 230992
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





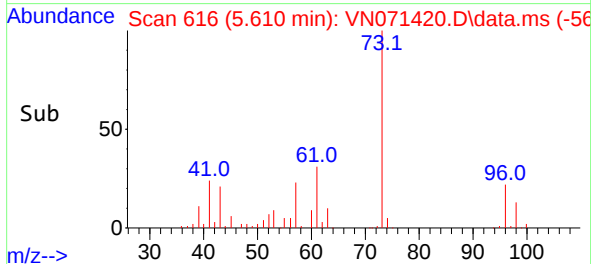
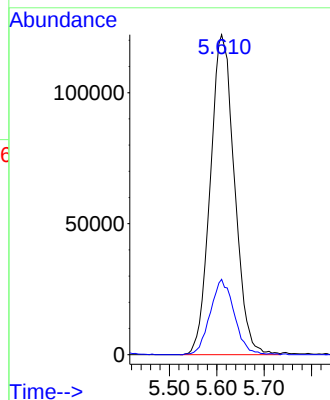
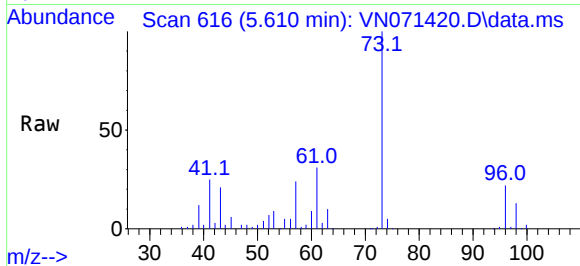
#19
Methyl tert-butyl Ether
Concen: 20.298 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 73 Resp: 43335
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

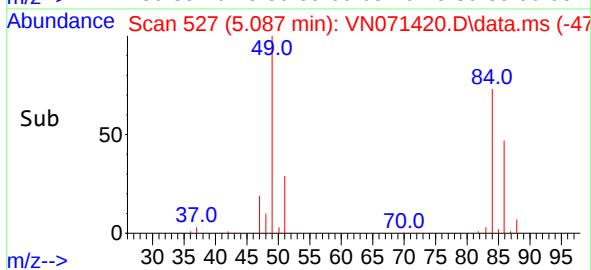
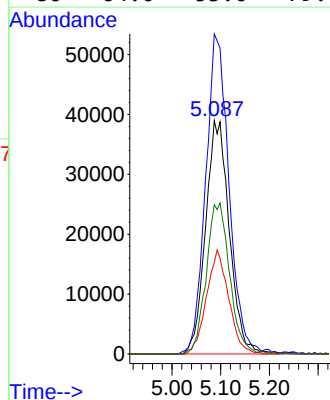
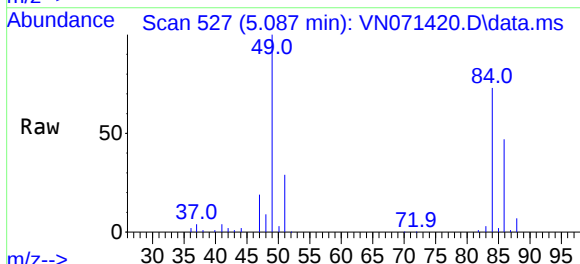
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 19.343 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

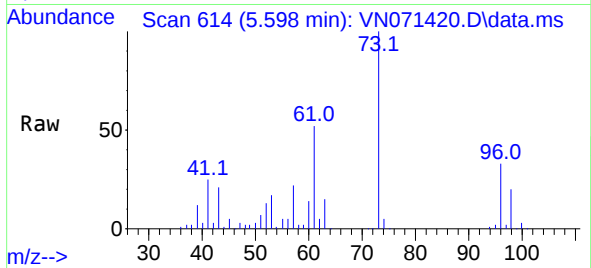
Tgt Ion: 84 Resp: 132089
Ion Ratio Lower Upper
84 100
49 136.8 93.5 140.3
51 39.2 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.567 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

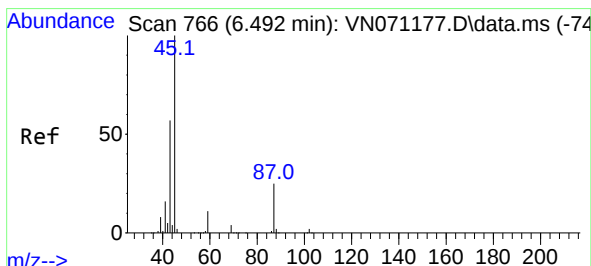
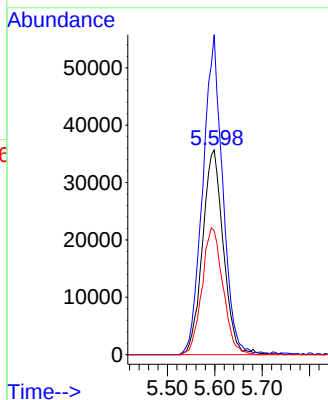
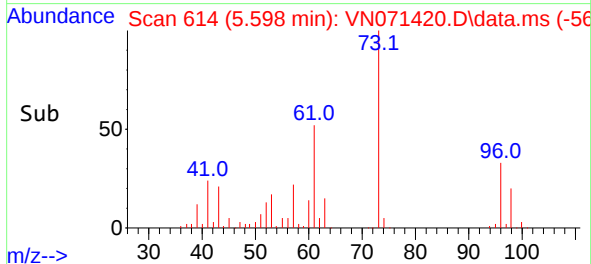
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



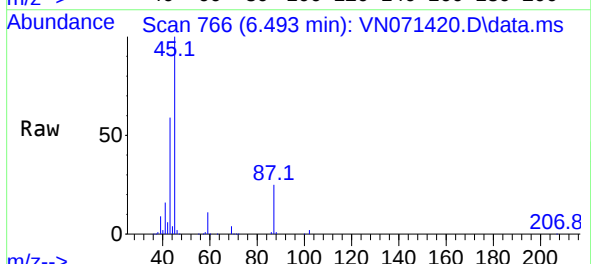
Tgt Ion: 96 Resp: 109260
Ion Ratio Lower Upper
96 100
61 156.3 105.8 158.6
98 60.5 52.0 78.0

Manual Integrations
APPROVED

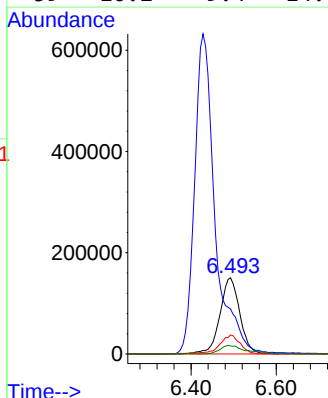
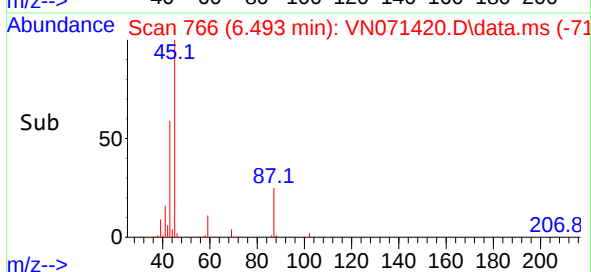
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

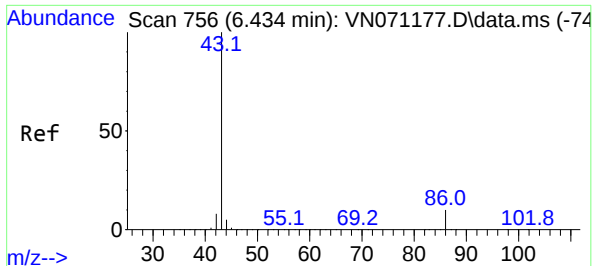


#22
Diisopropyl ether
Concen: 20.034 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



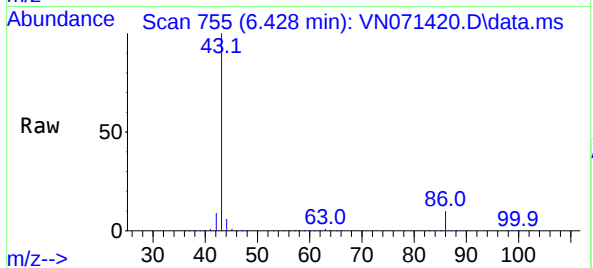
Tgt Ion: 45 Resp: 488134
Ion Ratio Lower Upper
45 100
43 57.4 51.7 77.5
87 25.1 23.2 34.8
59 10.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 102.069 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071420.D
 Acq: 21 Mar 2022 15:15

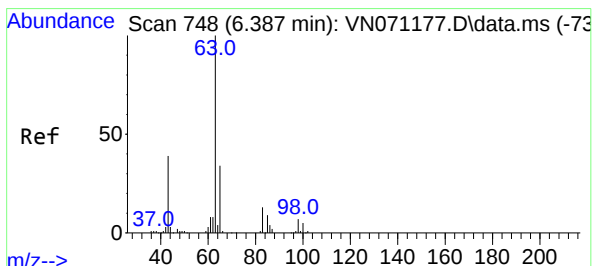
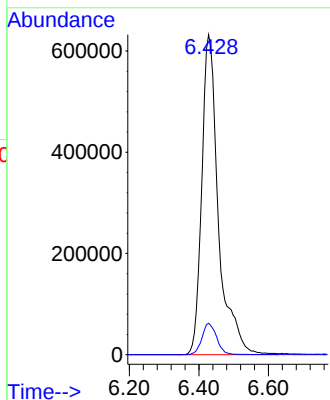
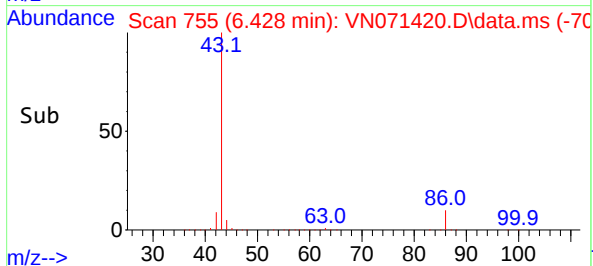
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBSD01



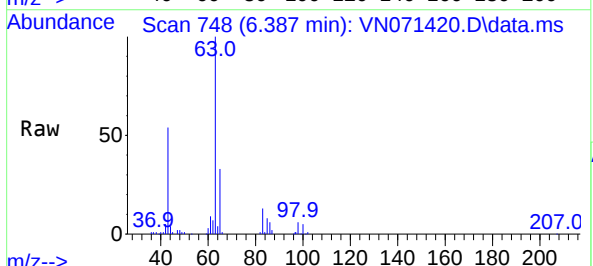
Tgt Ion: 43 Resp: 2105430
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

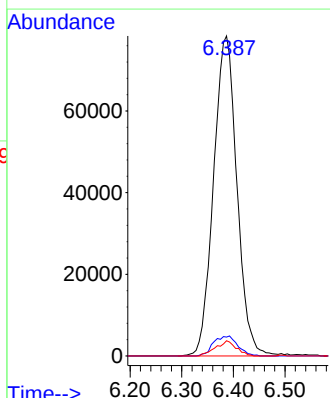
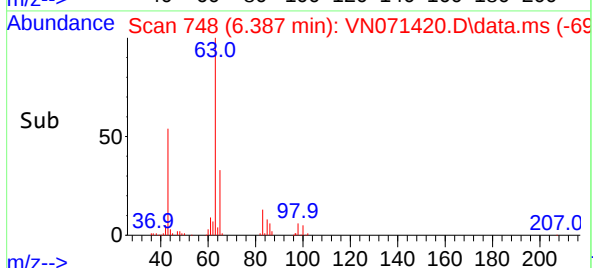
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#24
 1,1-Dichloroethane
 Concen: 19.104 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071420.D
 Acq: 21 Mar 2022 15:15



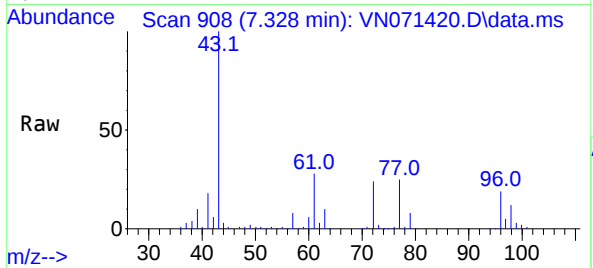
Tgt Ion: 63 Resp: 245968
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 108.828 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

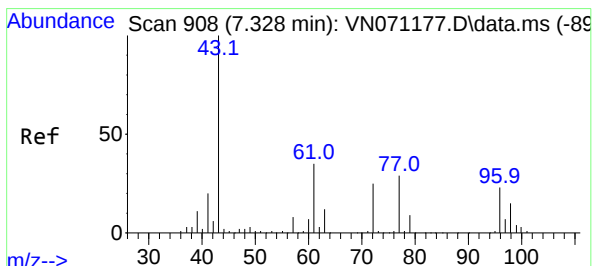
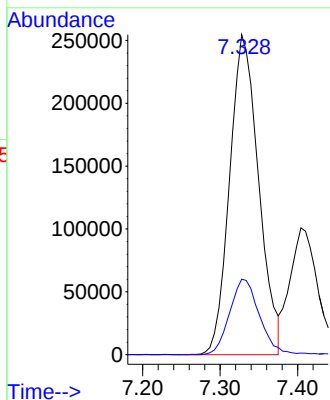
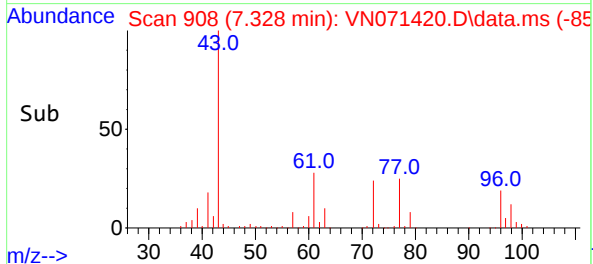
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



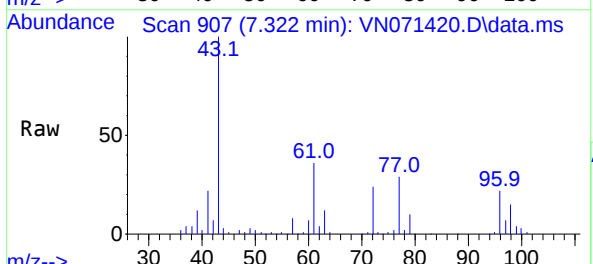
Tgt Ion: 43 Resp: 663094
Ion Ratio Lower Upper
43 100
72 23.6 21.7 32.5

Manual Integrations
APPROVED

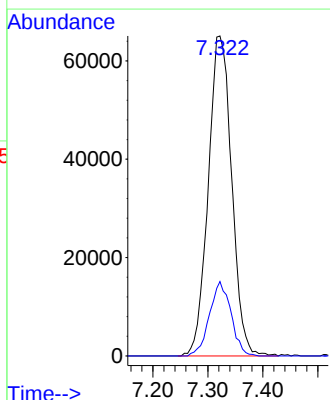
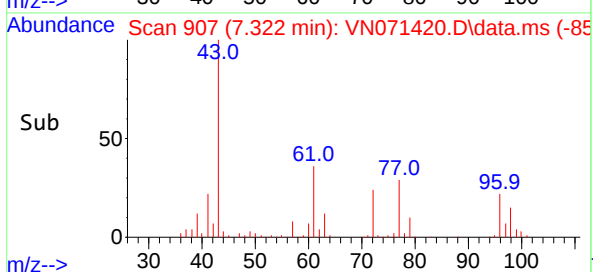
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#26
2,2-Dichloropropane
Concen: 19.436 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



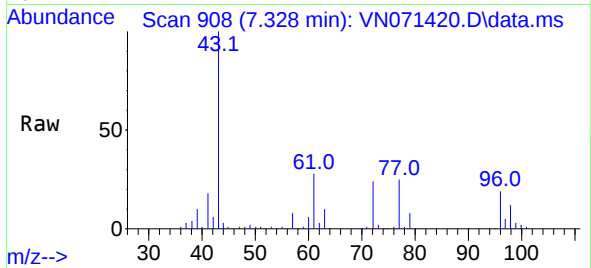
Tgt Ion: 77 Resp: 193057
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.689 ug/l
 RT: 7.328 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VN071420.D
 Acq: 21 Mar 2022 15:15

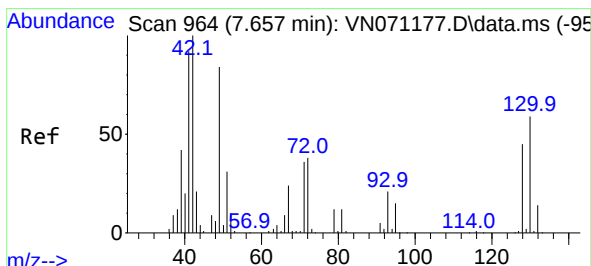
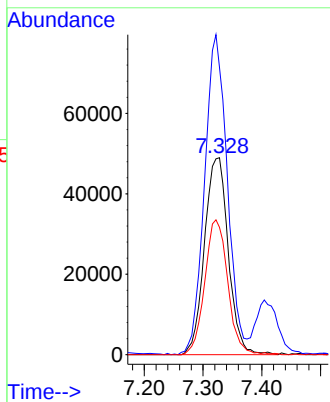
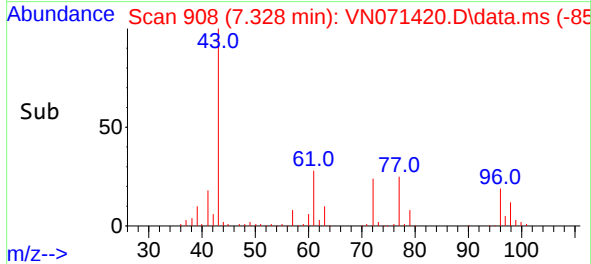
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBS01



Tgt Ion: 96 Resp: 137958
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 275.0
 98 66.3 0.0 129.6

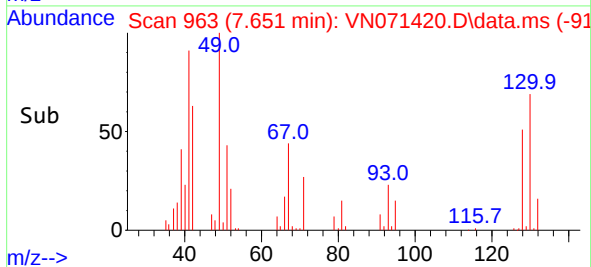
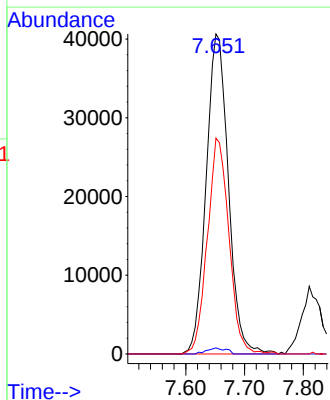
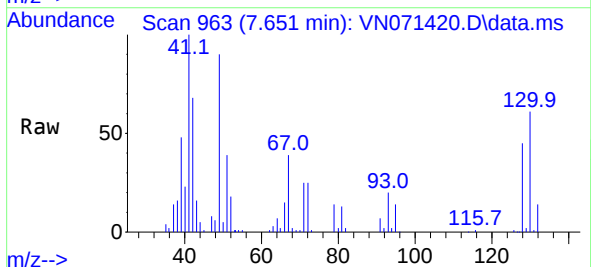
Manual Integrations
 APPROVED

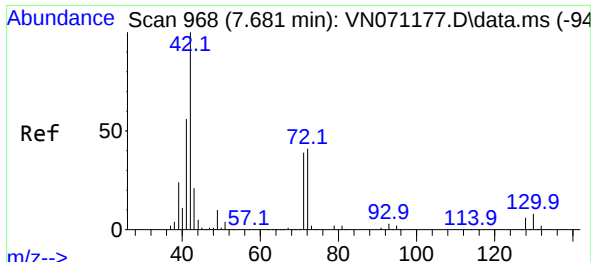
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#28
 Bromochloromethane
 Concen: 18.629 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071420.D
 Acq: 21 Mar 2022 15:15

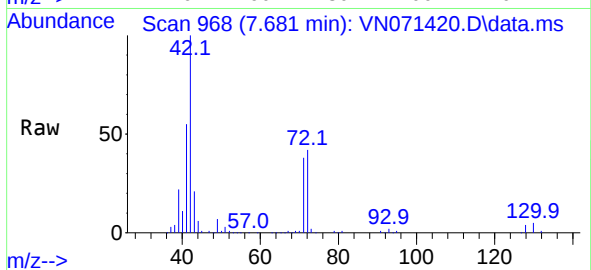
Tgt Ion: 49 Resp: 106808
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 65.4 67.8 101.8#





#29
Tetrahydrofuran
Concen: 107.394 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

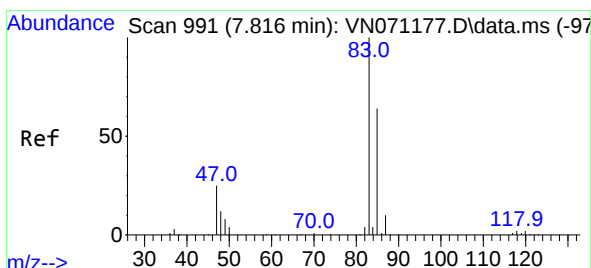
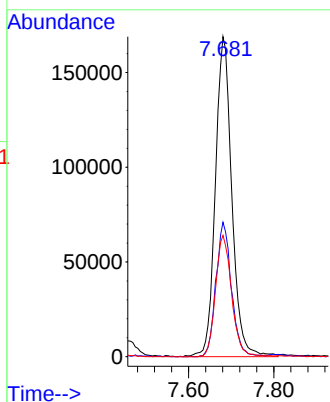
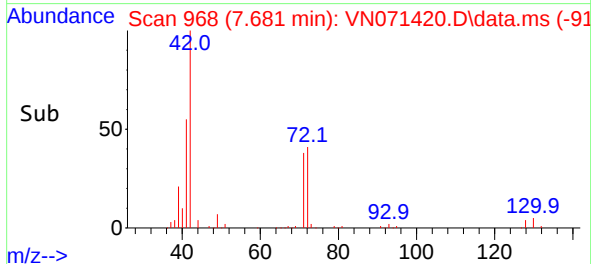
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



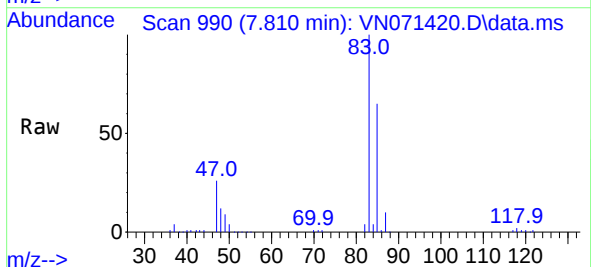
Tgt Ion: 42 Resp: 45332
Ion Ratio Lower Upper
42 100
72 39.7 36.3 54.5
71 36.9 34.7 52.1

Manual Integrations
APPROVED

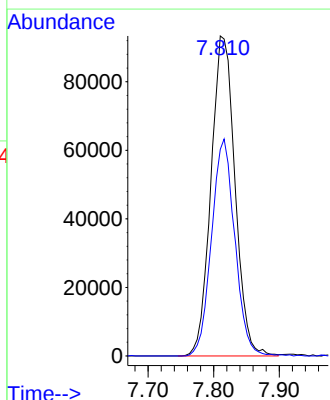
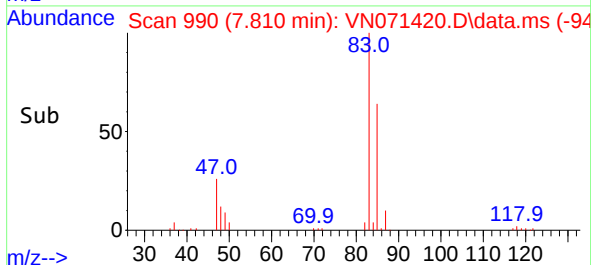
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

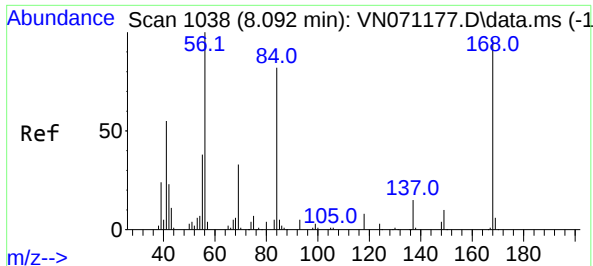


#30
Chloroform
Concen: 19.310 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 83 Resp: 237121
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31

Cyclohexane

Concen: 17.612 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071420.D

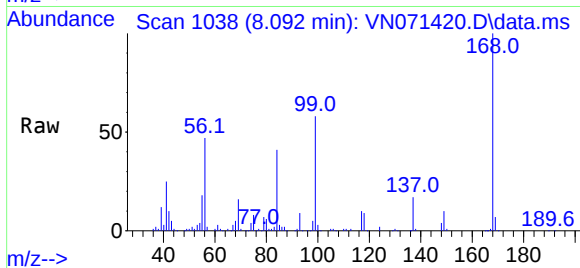
Acq: 21 Mar 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0321MBS01



Tgt Ion: 56 Resp: 21863

Ion Ratio Lower Upper

56 100

69 34.6 27.1 40.7

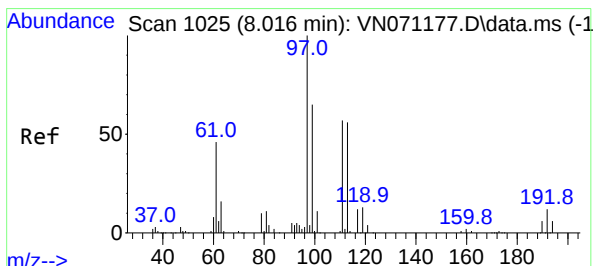
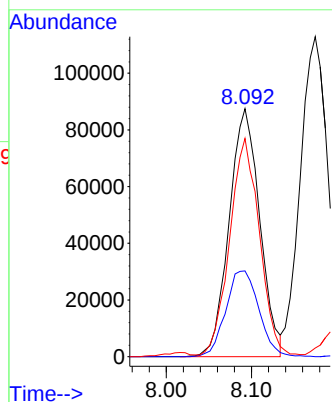
84 86.1 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#32

1,1,1-Trichloroethane

Concen: 18.944 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

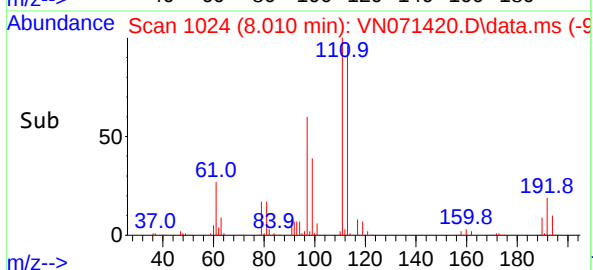
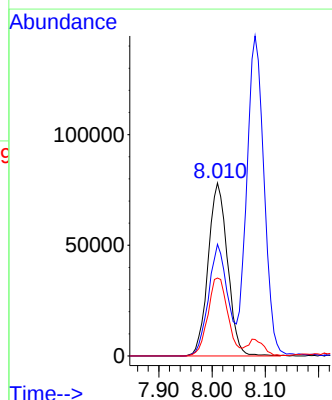
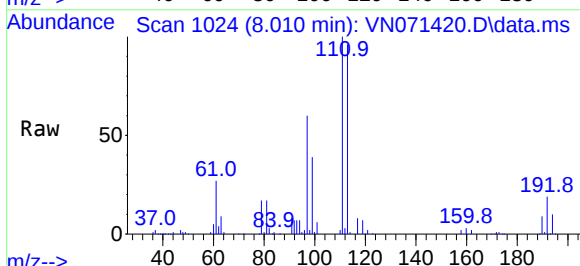
Tgt Ion: 97 Resp: 198153

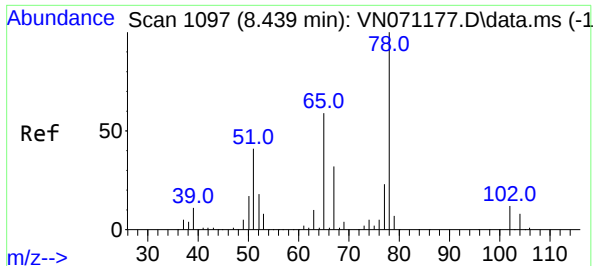
Ion Ratio Lower Upper

97 100

99 64.0 50.1 75.1

61 46.5 35.2 52.8





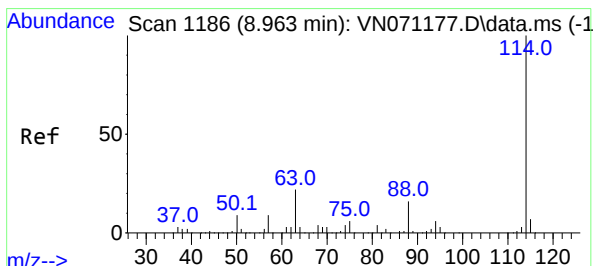
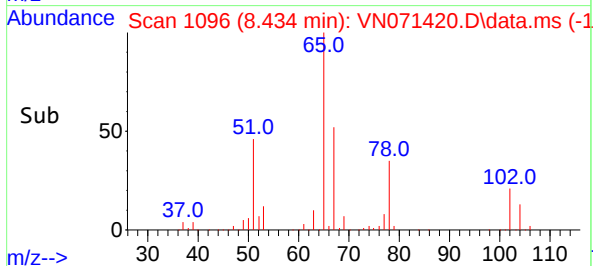
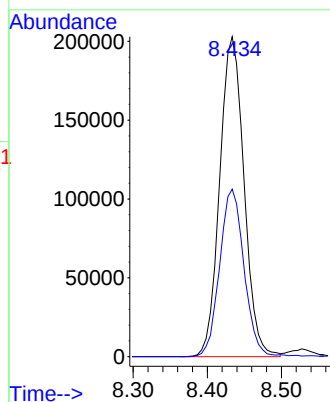
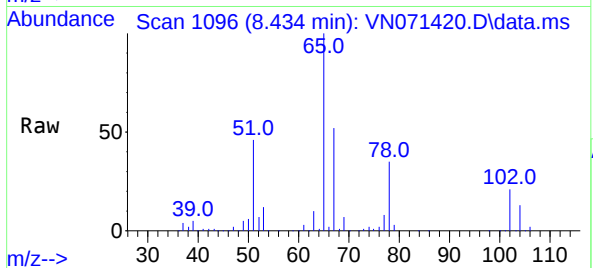
#33
1,2-Dichloroethane-d4
Concen: 59.468 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 65 Resp: 462290
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

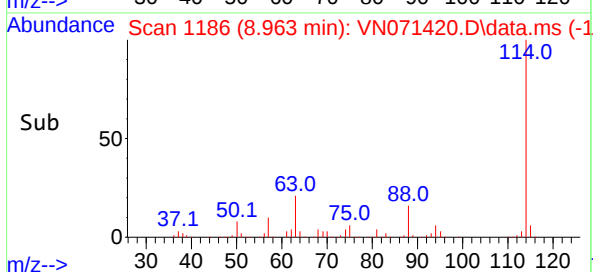
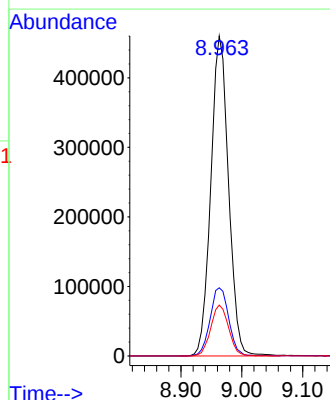
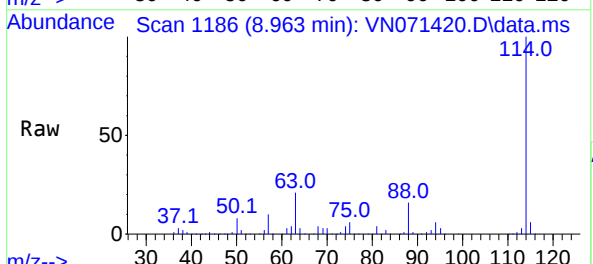
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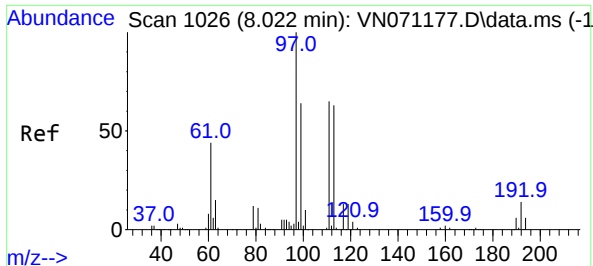
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion:114 Resp: 930995
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 15.9 0.0 27.4





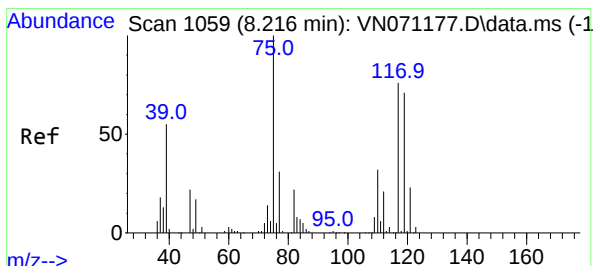
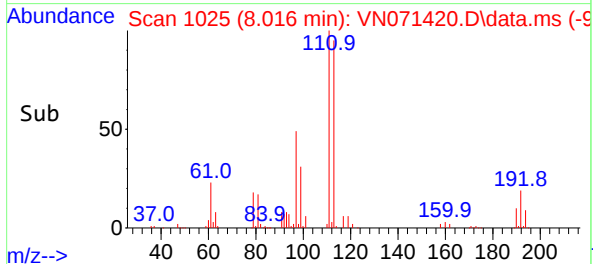
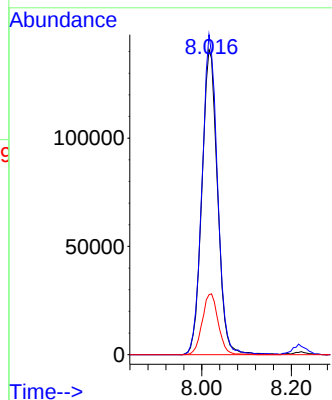
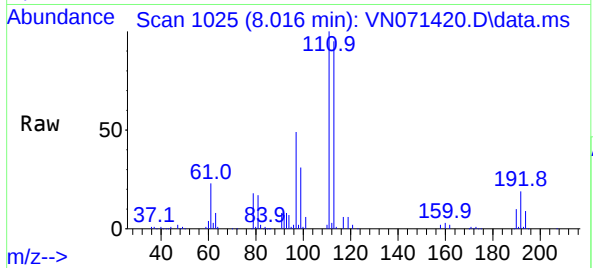
#35
Dibromofluoromethane
Concen: 58.023 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01

Tgt Ion:113 Resp: 34088
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.4 16.9 25.3

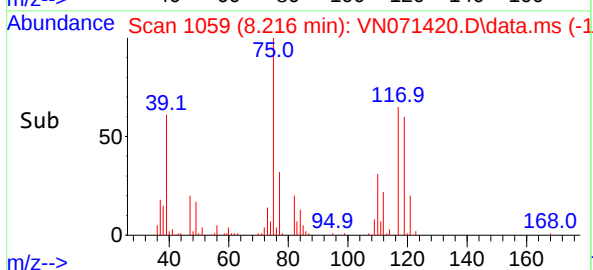
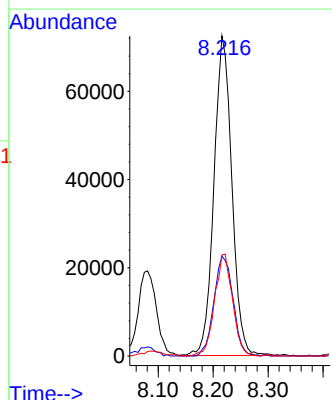
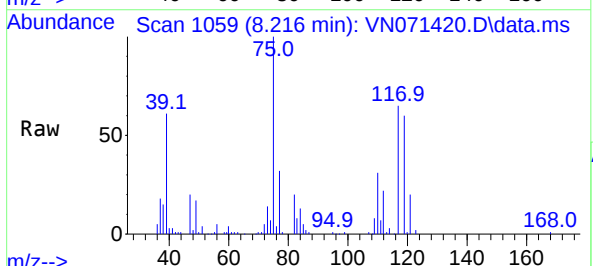
Manual Integrations
APPROVED

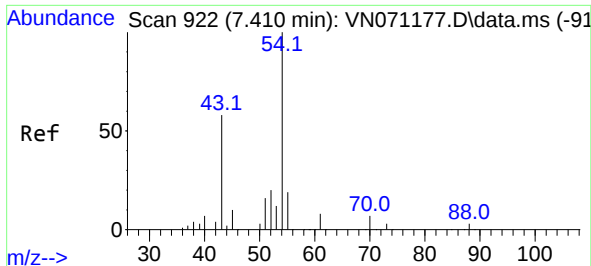
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#36
1,1-Dichloropropene
Concen: 17.448 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion: 75 Resp: 164239
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.041 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0321MBSD01

Tgt Ion: 43 Resp: 25961

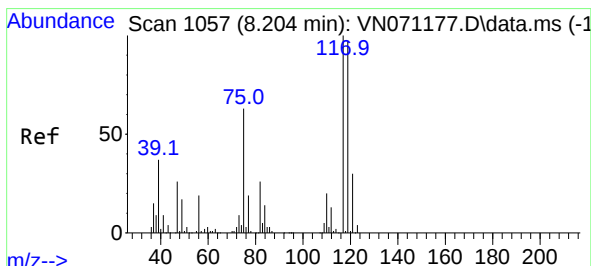
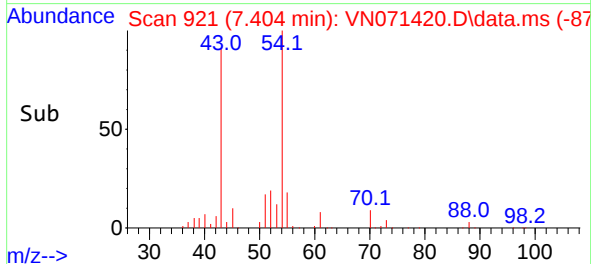
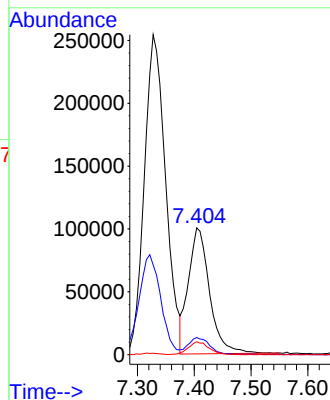
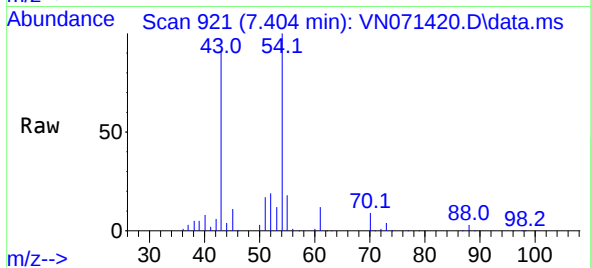
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	10.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#38

Carbon Tetrachloride

Concen: 17.989 ug/l

RT: 8.204 min Scan# 1057

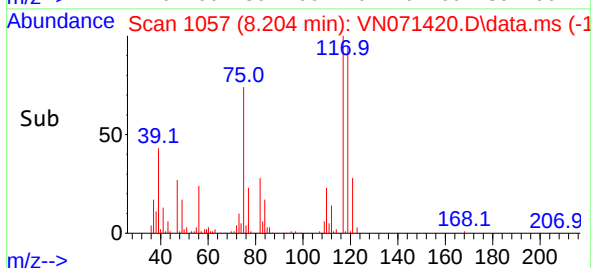
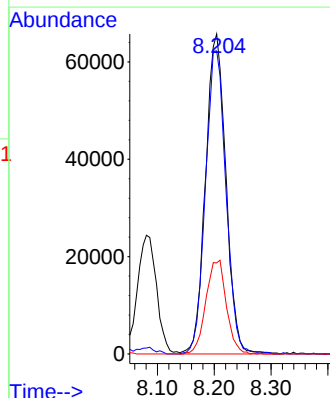
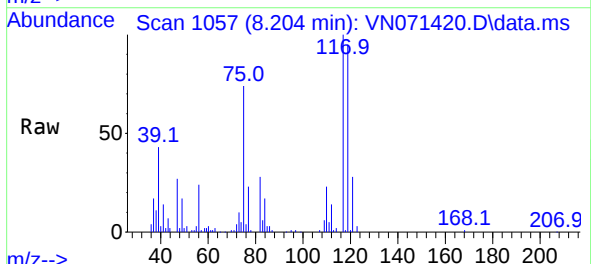
Delta R.T. 0.000 min

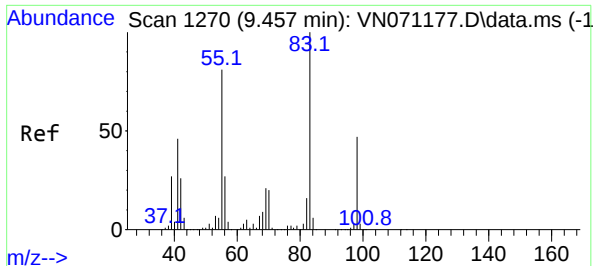
Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

Tgt Ion:117 Resp: 163788

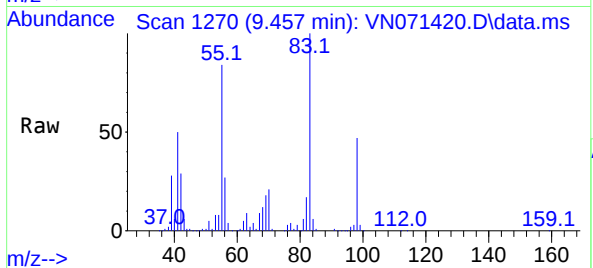
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.1	114.1
121	28.5	24.2	36.2





#39
Methylcyclohexane
Concen: 17.711 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

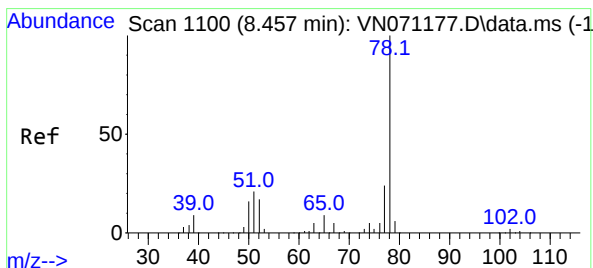
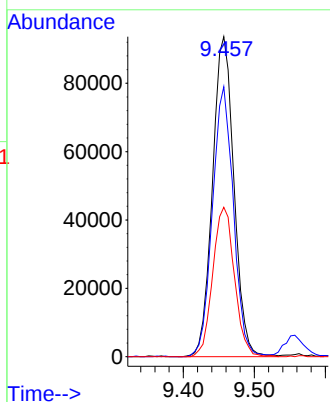
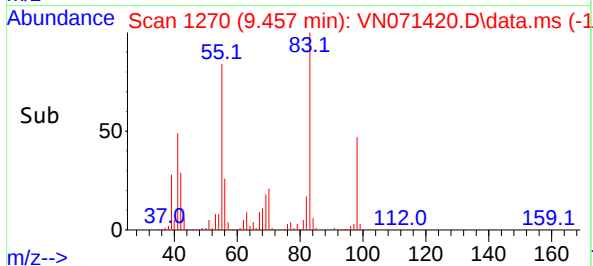
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



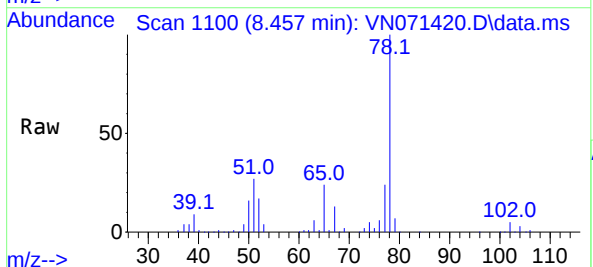
Tgt Ion: 83 Resp: 196120
Ion Ratio Lower Upper
83 100
55 84.4 58.1 87.1
98 46.7 38.4 57.6

Manual Integrations
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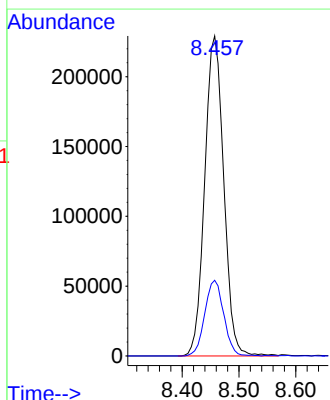
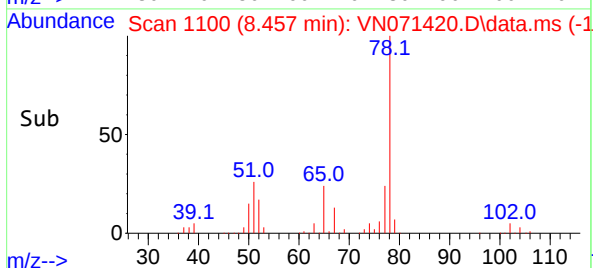
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

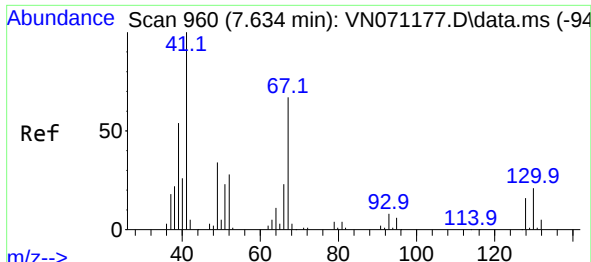


#40
Benzene
Concen: 18.760 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



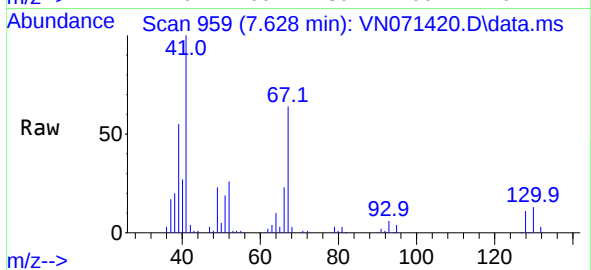
Tgt Ion: 78 Resp: 532046
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 18.866 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

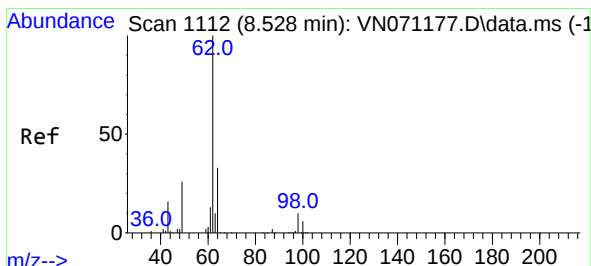
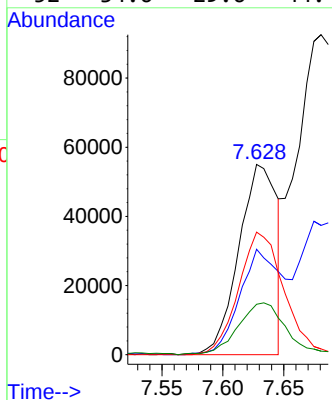
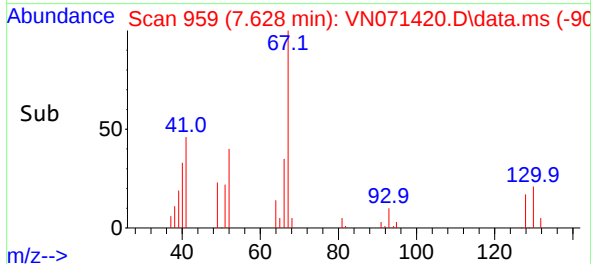
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



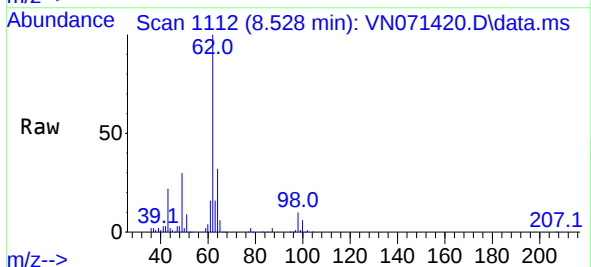
Tgt Ion: 41 Resp: 119602
Ion Ratio Lower Upper
41 100
39 65.9 48.1 72.1
67 76.9 68.3 102.5
52 34.6 29.6 44.4

Manual Integrations
APPROVED

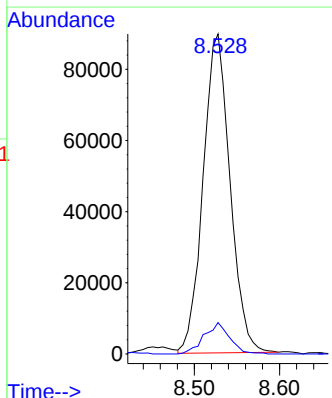
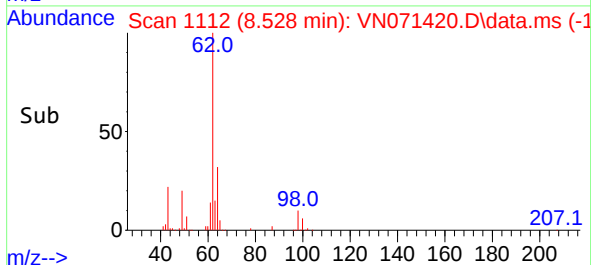
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

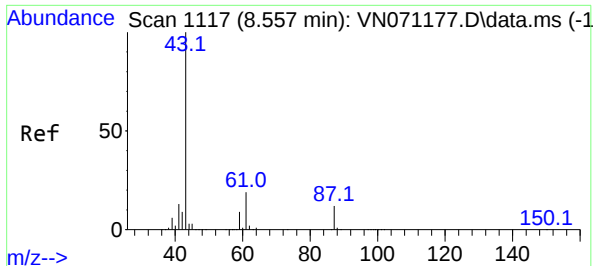


#42
1,2-Dichloroethane
Concen: 19.933 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



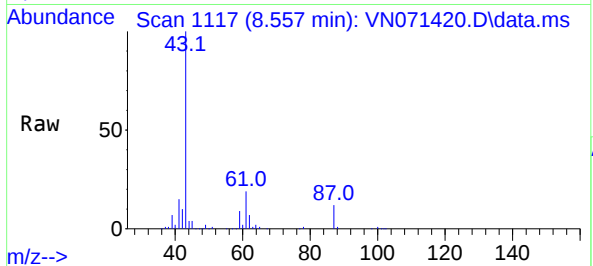
Tgt Ion: 62 Resp: 196721
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.769 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

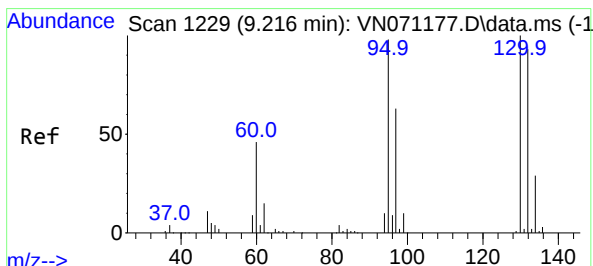
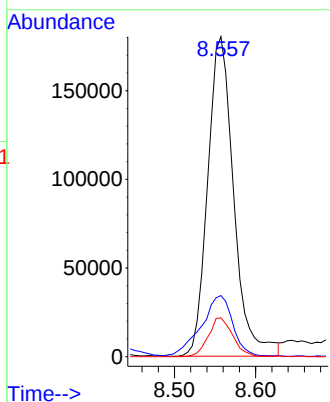
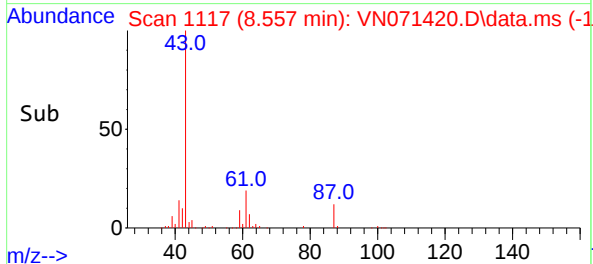
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



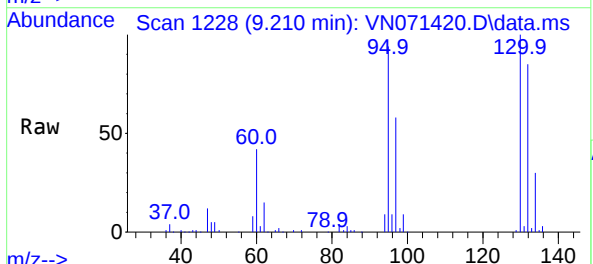
Tgt Ion: 43 Resp: 402349
Ion Ratio Lower Upper
43 100
61 23.3 20.4 30.6
87 11.4 11.2 16.8

Manual Integrations
APPROVED

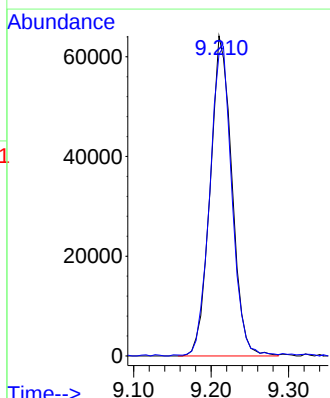
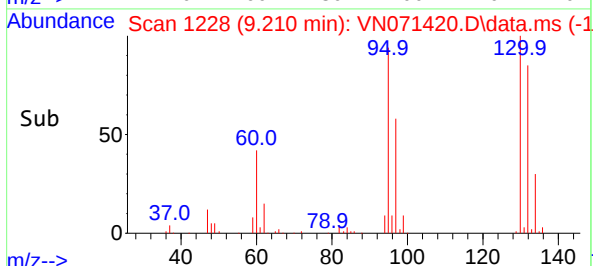
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

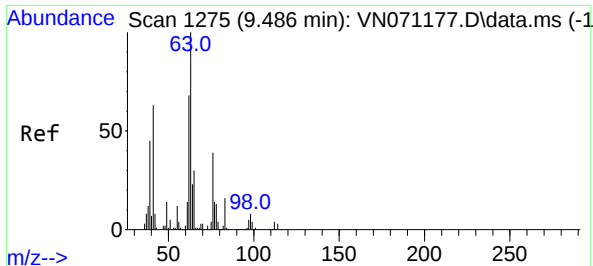


#44
Trichloroethene
Concen: 18.712 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion:130 Resp: 125211
Ion Ratio Lower Upper
130 100
95 94.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.506 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0321MBS01

Tgt Ion: 63 Resp: 148498

Ion Ratio Lower Upper

63 100

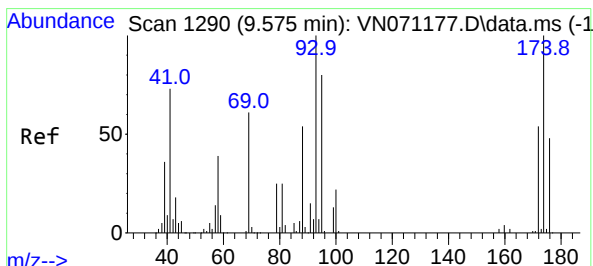
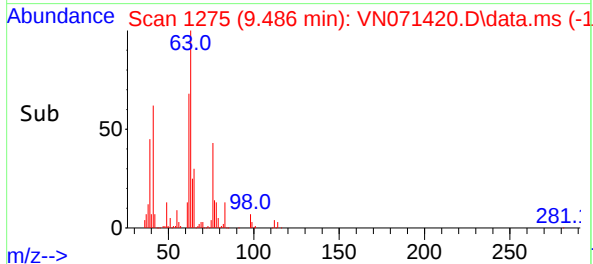
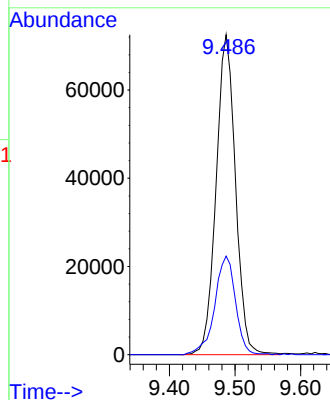
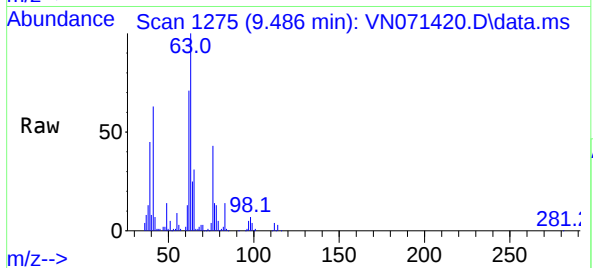
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 19.762 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

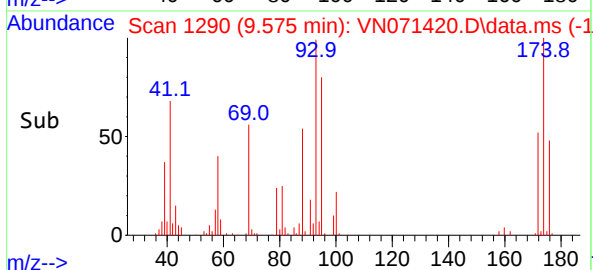
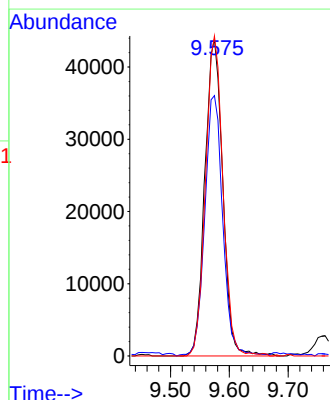
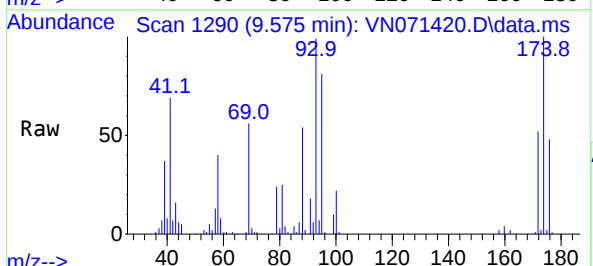
Tgt Ion: 93 Resp: 92603

Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

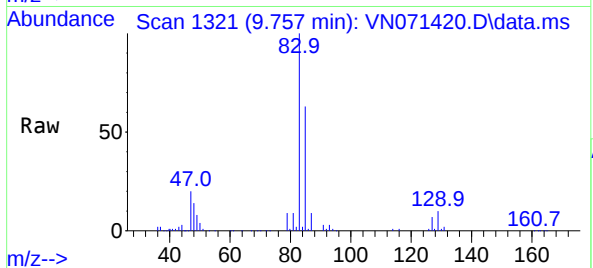
174 98.3 84.6 127.0





#47
Bromodichloromethane
Concen: 18.886 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

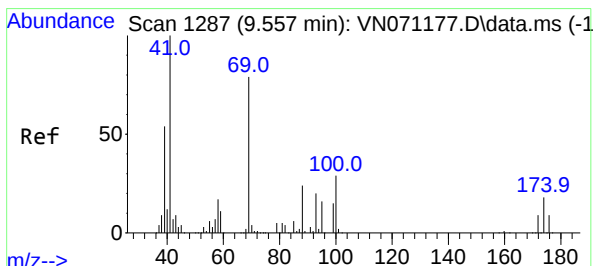
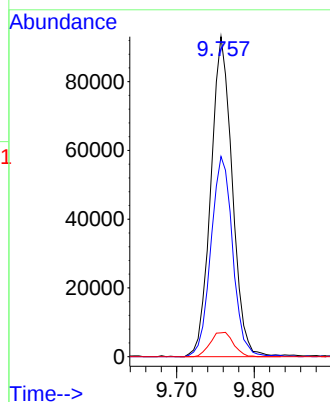
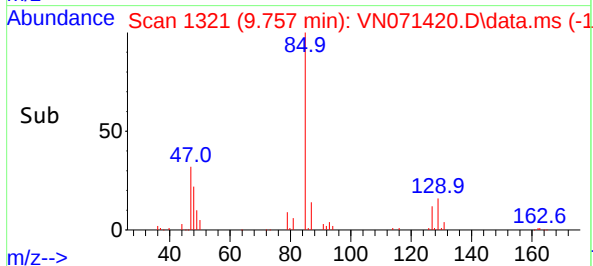
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



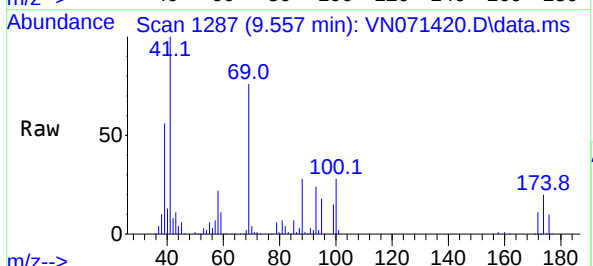
Tgt Ion: 83 Resp: 17884
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.5 7.1 10.7

Manual Integrations
APPROVED

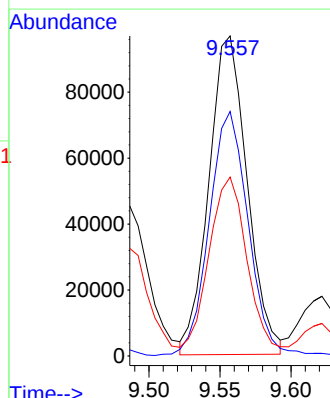
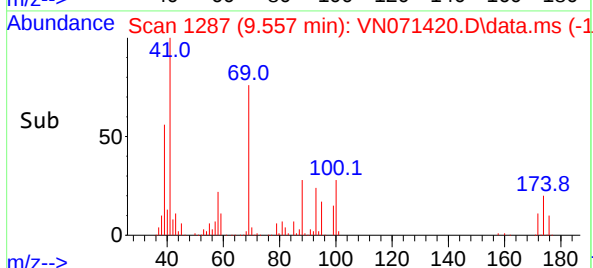
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

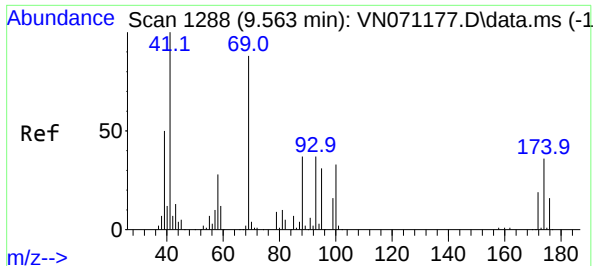


#48
Methyl methacrylate
Concen: 20.200 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 41 Resp: 181342
Ion Ratio Lower Upper
41 100
69 78.0 72.4 108.6
39 56.6 58.4 87.6#





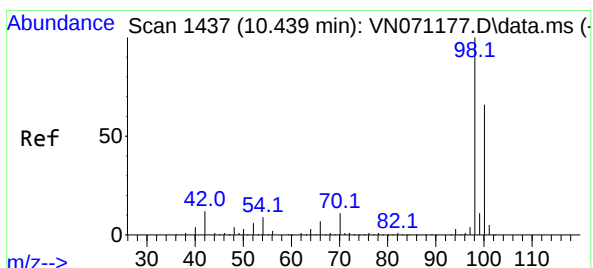
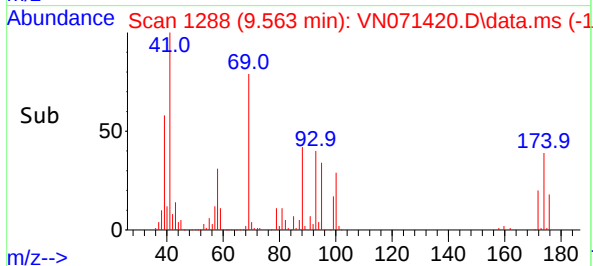
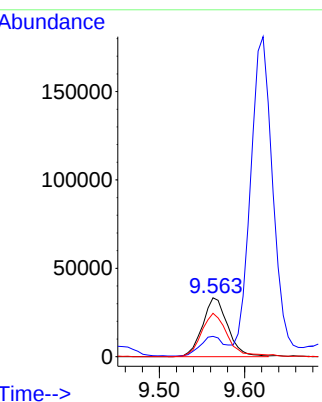
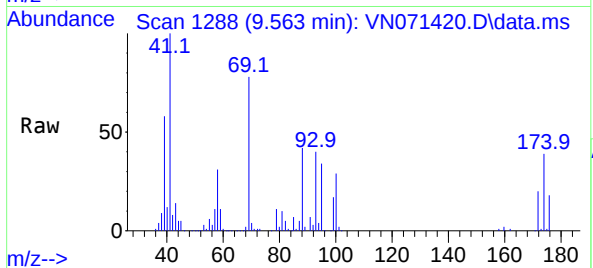
#49
1,4-Dioxane
Concen: 437.463 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 88 Resp: 6826
Ion Ratio Lower Upper
88 100
43 31.4 23.4 35.2
58 77.3 50.6 75.8

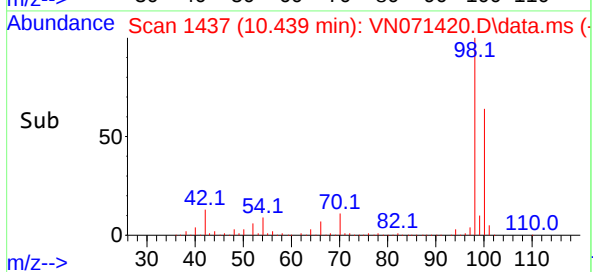
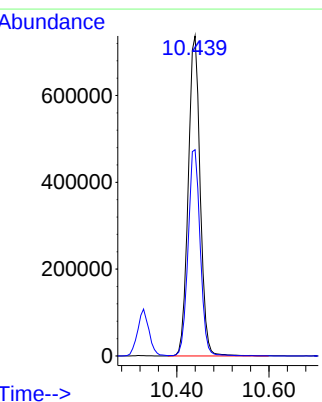
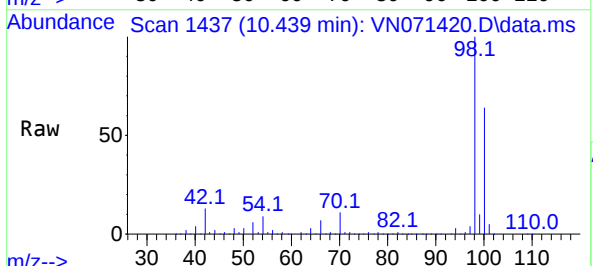
Manual Integrations
APPROVED

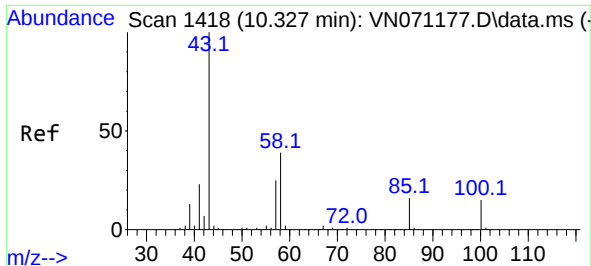
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 56.247 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion: 98 Resp: 1330480
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





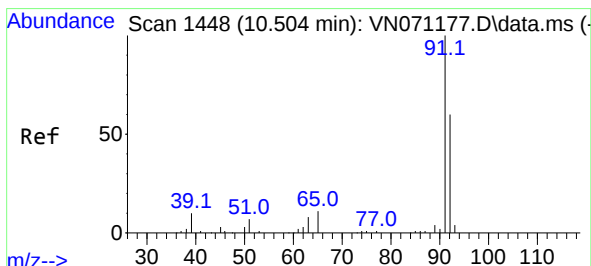
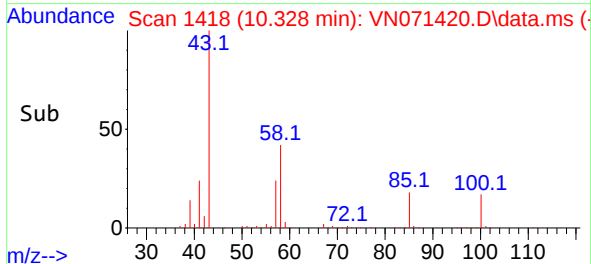
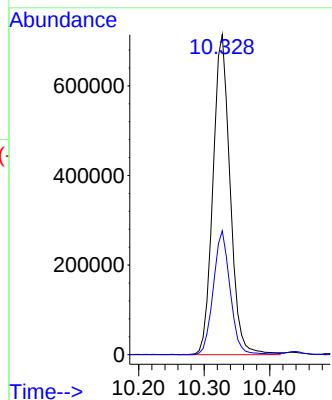
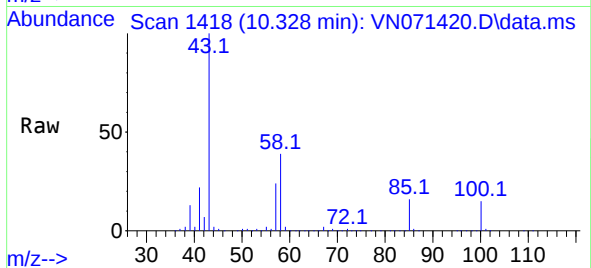
#51
4-Methyl-2-Pentanone
Concen: 107.811 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 43 Resp: 129616
Ion Ratio Lower Upper
43 100
58 37.9 30.4 45.6

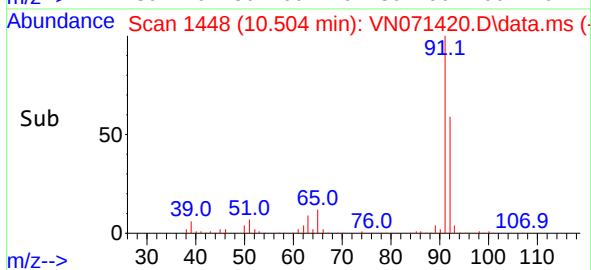
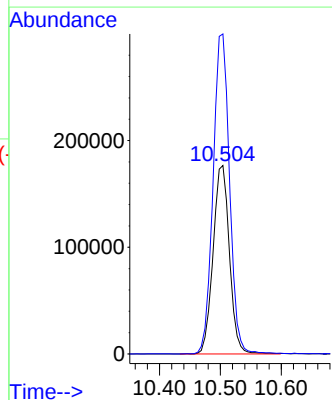
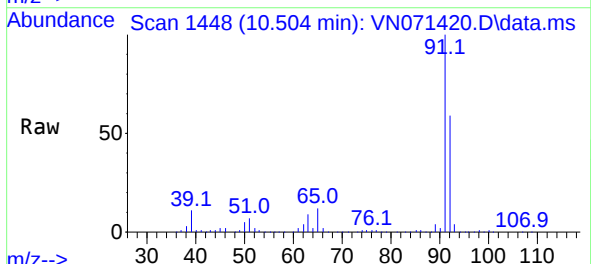
Manual Integrations
APPROVED

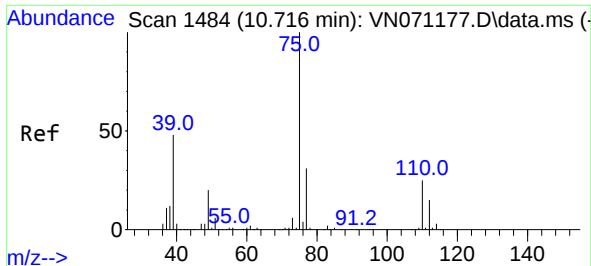
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 18.824 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

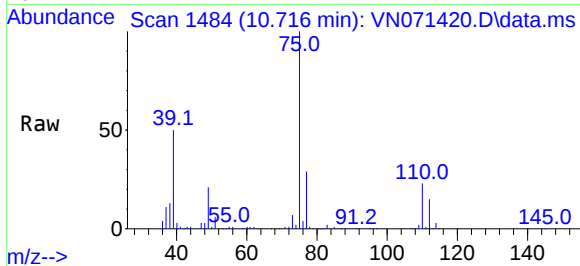
Tgt Ion: 92 Resp: 328744
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.915 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

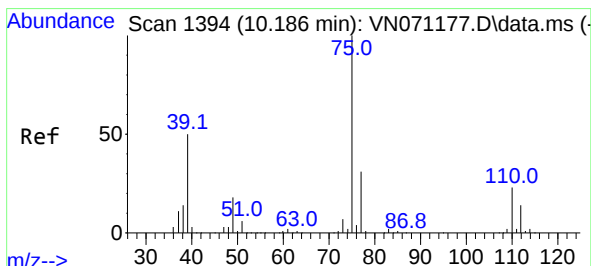
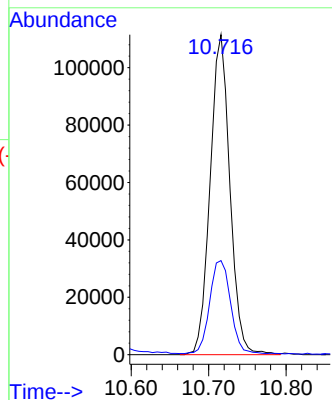
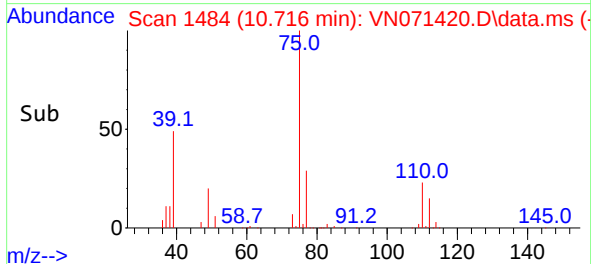
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



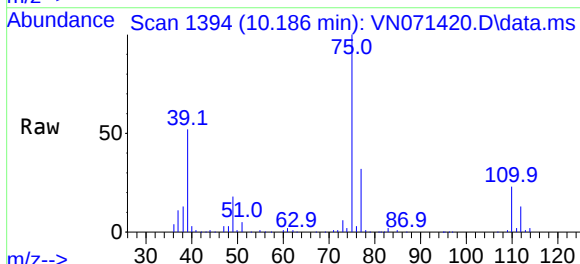
Tgt Ion: 75 Resp: 197440
Ion Ratio Lower Upper
75 100
77 29.0 25.6 38.4

Manual Integrations
APPROVED

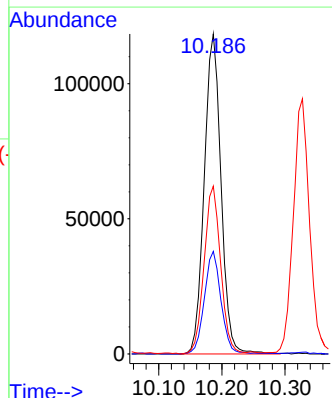
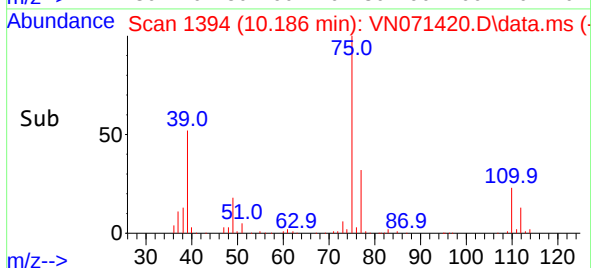
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

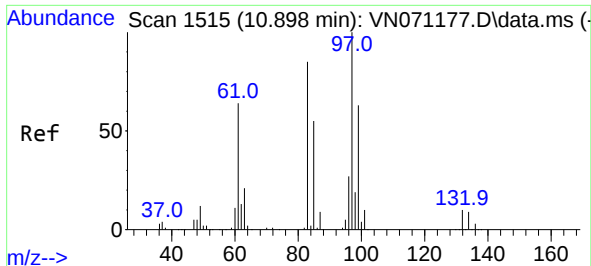


#54
cis-1,3-Dichloropropene
Concen: 19.151 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 75 Resp: 218426
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 52.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.615 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

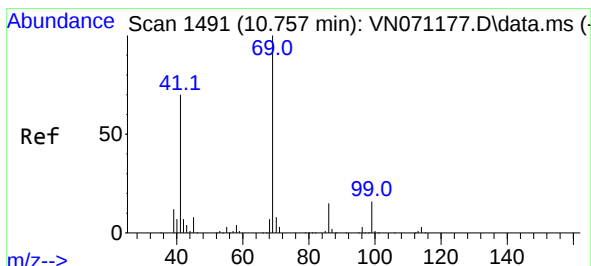
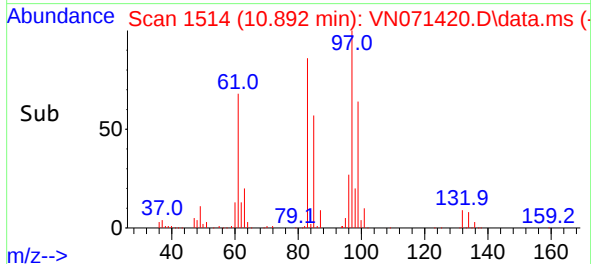
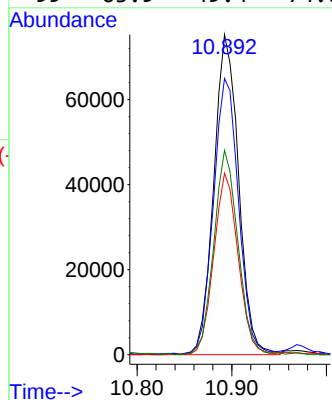
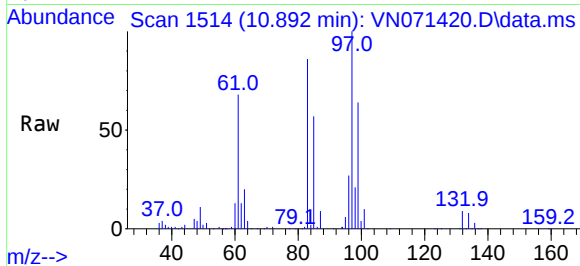
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 97 Resp: 137268

Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.6
85	56.5	45.4	68.2
99	63.9	49.4	74.0

Manual Integrations
APPROVED

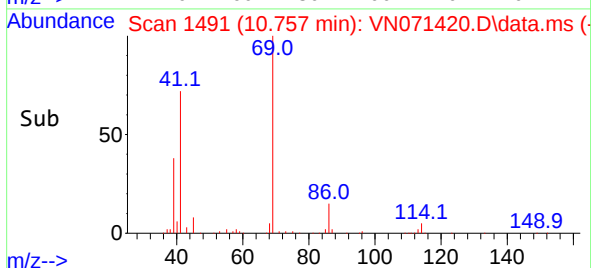
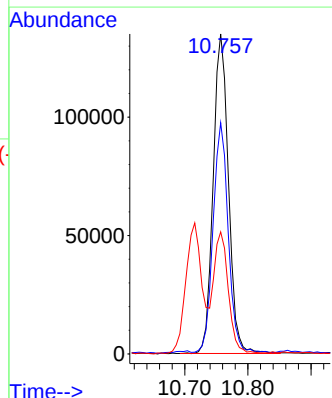
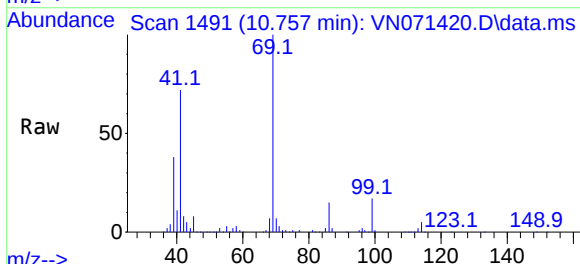
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

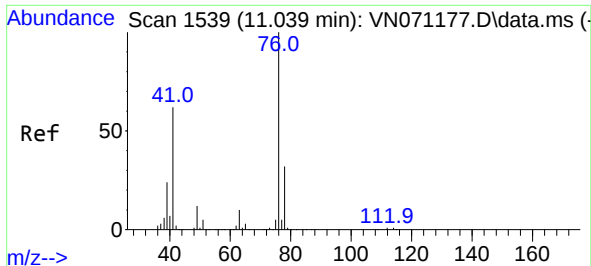


#56
Ethyl methacrylate
Concen: 19.845 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion: 69 Resp: 226791

Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.4	77.0
39	35.0	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.653 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071420.D

Acq: 21 Mar 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0321MBSD01

Tgt Ion: 76 Resp: 24685

Ion Ratio Lower Upper

76 100

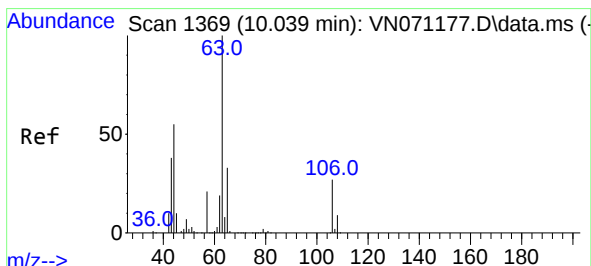
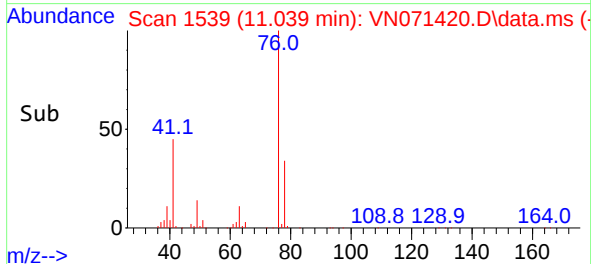
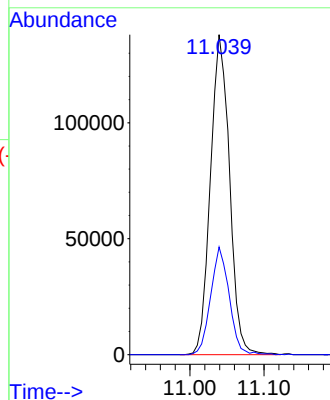
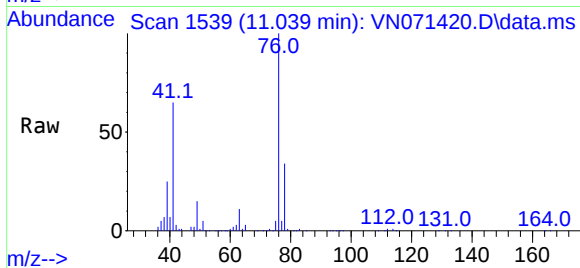
78 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 112.333 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071420.D

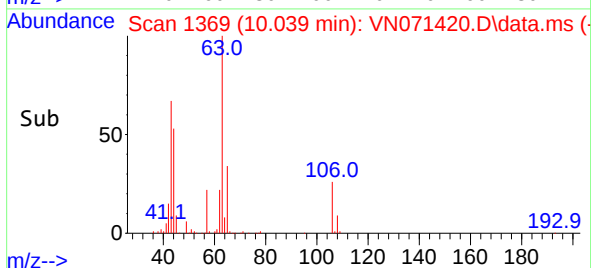
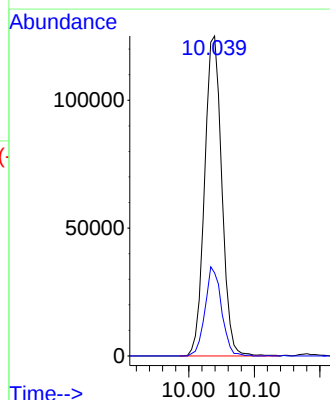
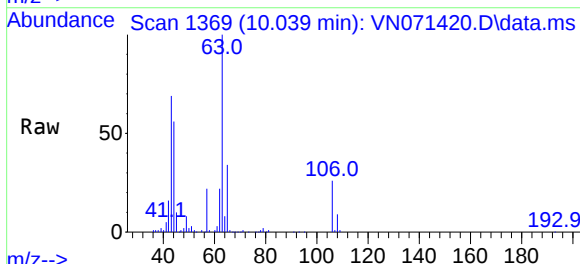
Acq: 21 Mar 2022 15:15

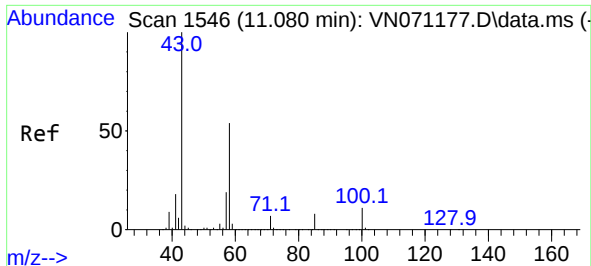
Tgt Ion: 63 Resp: 228244

Ion Ratio Lower Upper

63 100

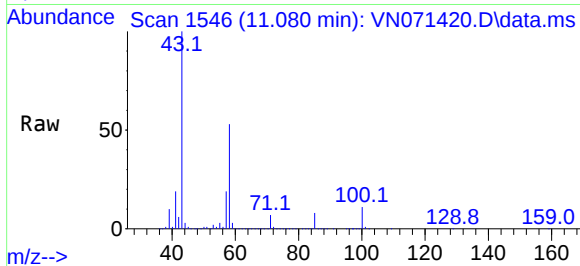
106 26.7 23.9 35.9





#59
2-Hexanone
Concen: 115.545 ug/l
RT: 11.080 min Scan# 11546
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

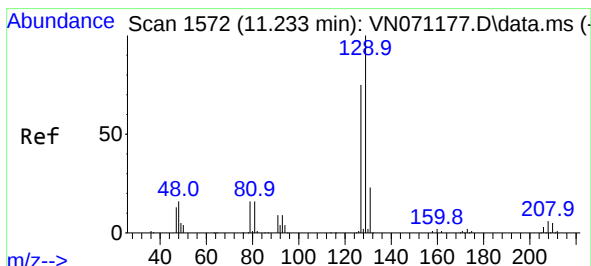
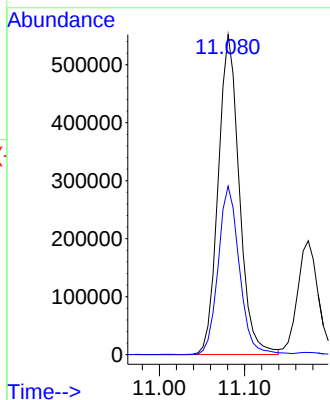
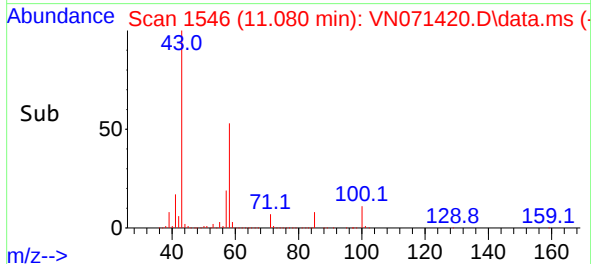
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



Tgt Ion: 43 Resp: 947820
Ion Ratio Lower Upper
43 100
58 53.1 26.9 80.7

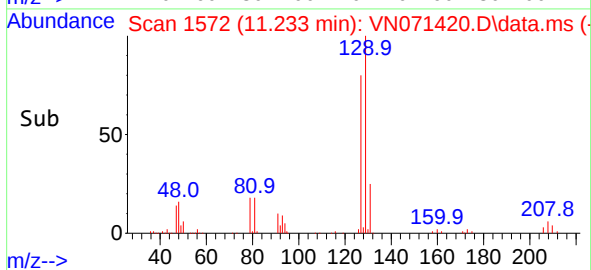
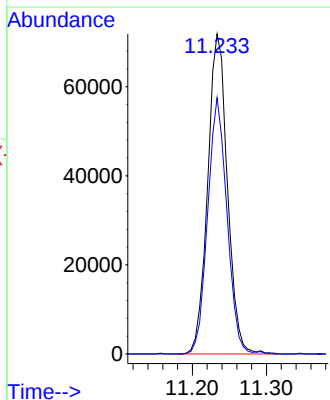
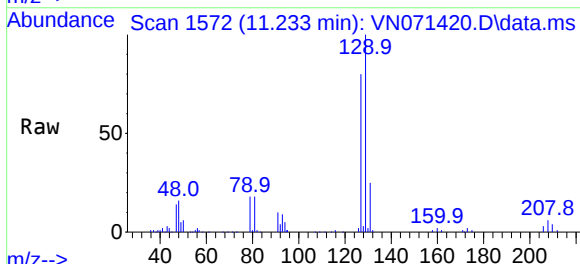
Manual Integrations
APPROVED

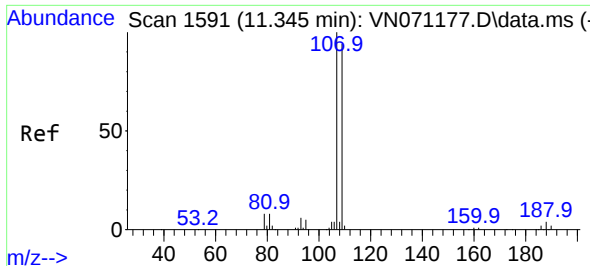
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 19.092 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion:129 Resp: 132747
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





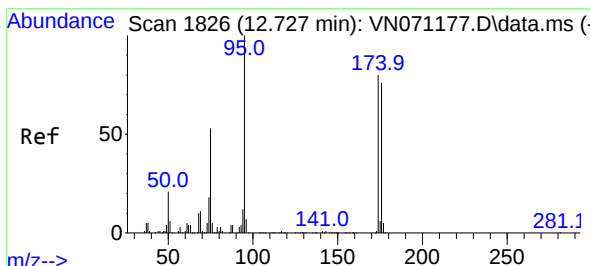
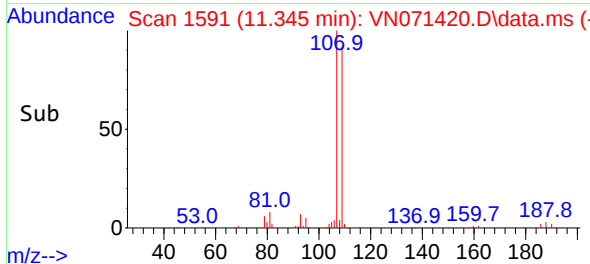
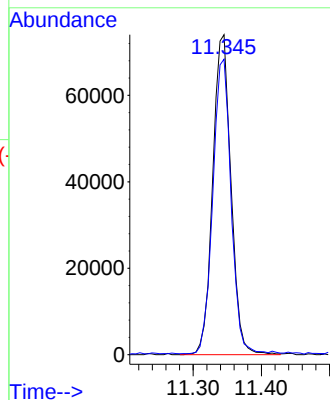
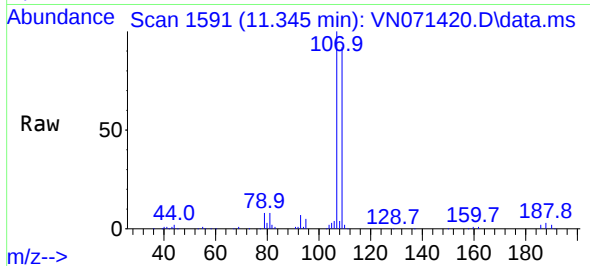
#61
1,2-Dibromoethane
Concen: 19.314 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion:107 Resp: 138130
Ion Ratio Lower Upper
107 100
109 91.5 75.7 113.5

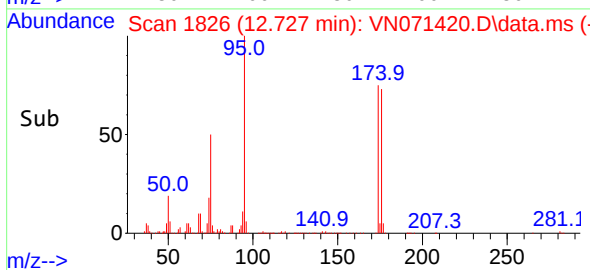
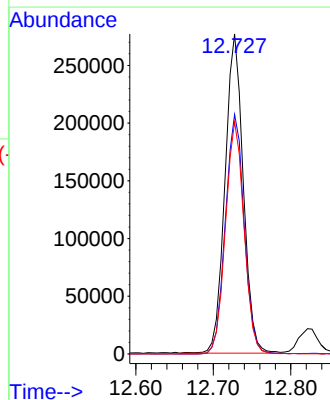
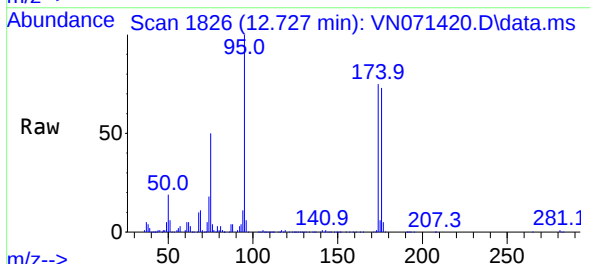
Manual Integrations
APPROVED

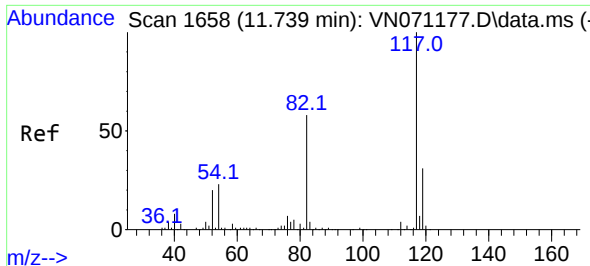
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#62
4-Bromofluorobenzene
Concen: 56.472 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

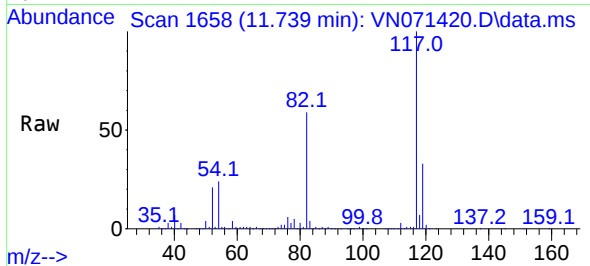
Tgt Ion: 95 Resp: 452331
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

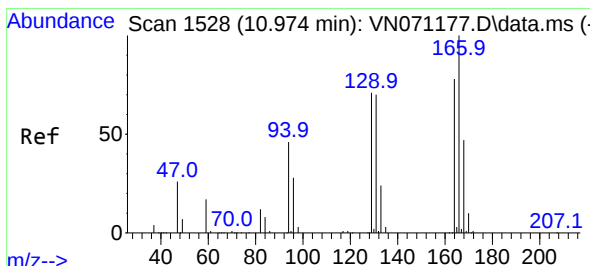
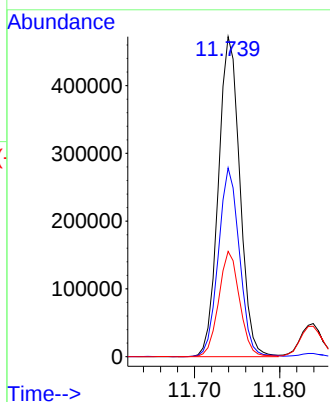
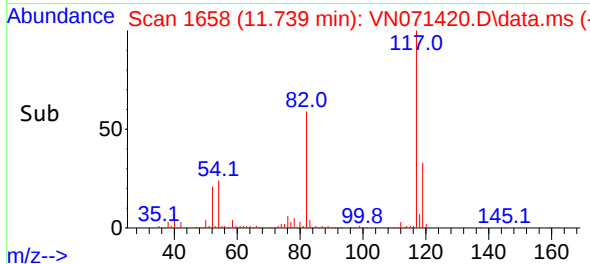
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



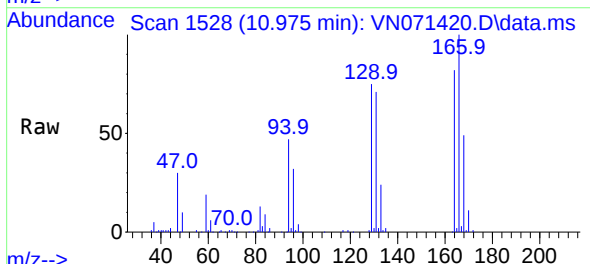
Tgt Ion:117 Resp: 828117
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.9 25.4 38.2

Manual Integrations
APPROVED

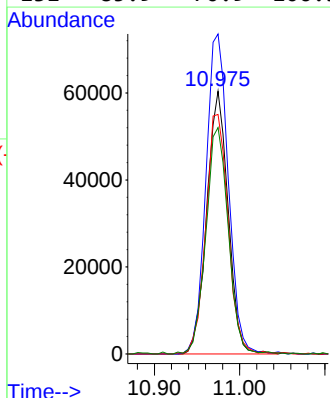
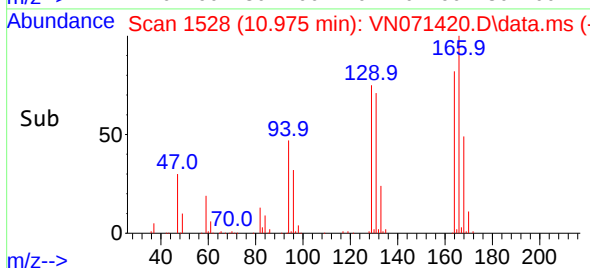
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

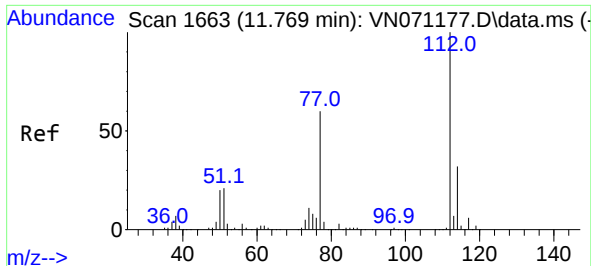


#64
Tetrachloroethene
Concen: 18.194 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



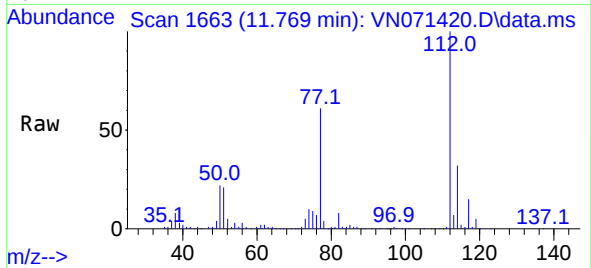
Tgt Ion:164 Resp: 105080
Ion Ratio Lower Upper
164 100
166 121.8 101.9 152.9
129 90.8 72.0 108.0
131 85.9 70.9 106.3





#65
Chlorobenzene
Concen: 19.196 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

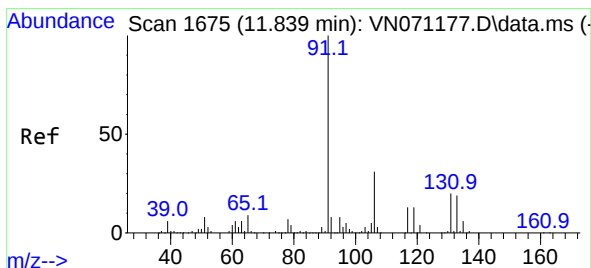
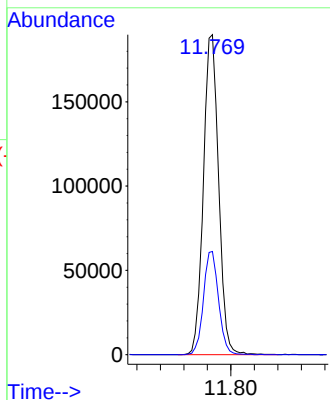
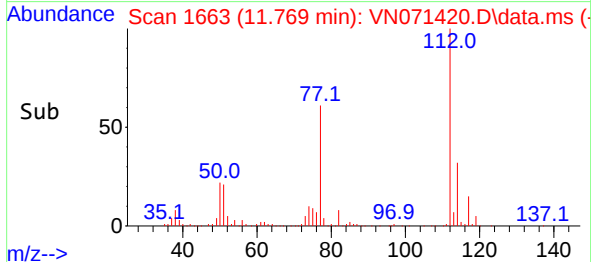
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



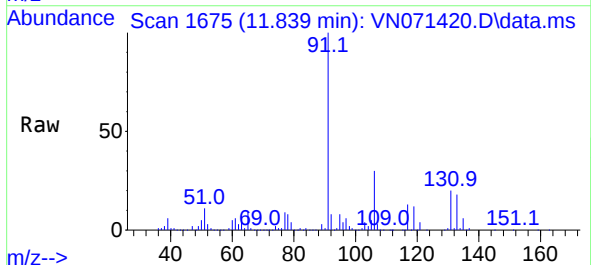
Tgt Ion:112 Resp: 341392
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

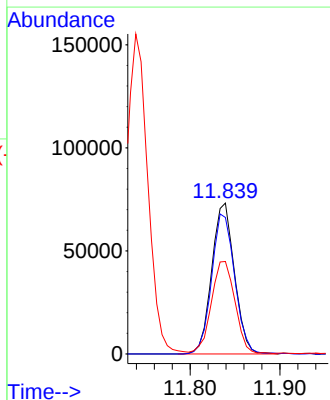
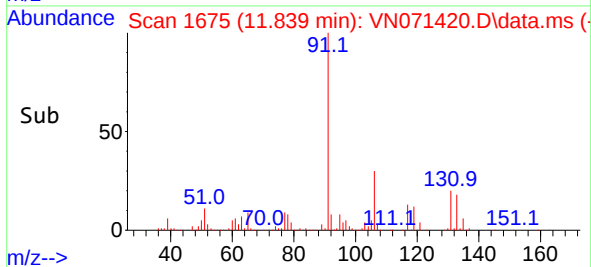
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

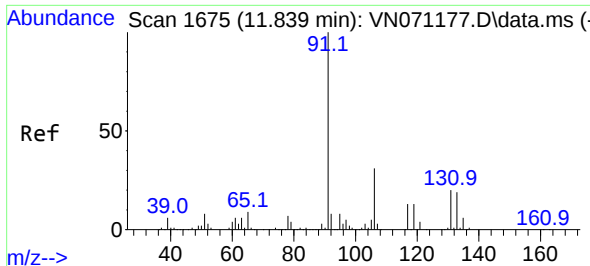


#66
1,1,1,2-Tetrachloroethane
Concen: 19.709 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion:131 Resp: 128525
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 63.6 32.1 96.5





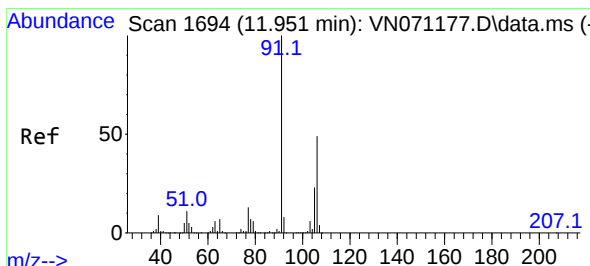
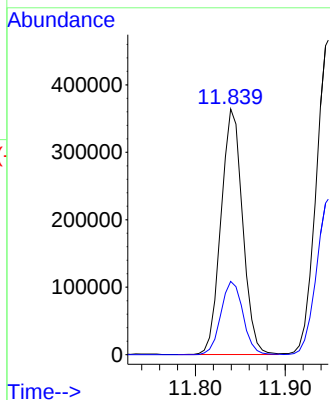
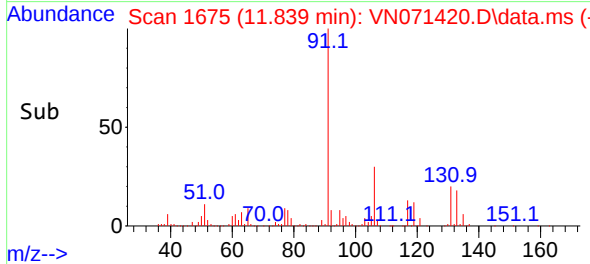
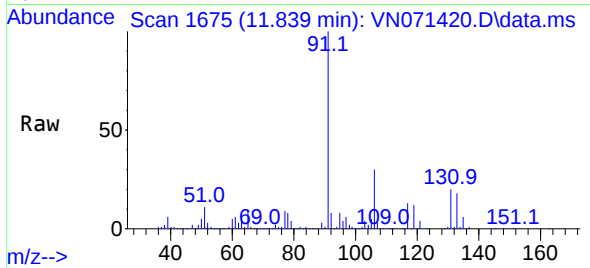
#67
Ethyl Benzene
Concen: 19.381 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 91 Resp: 60942
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

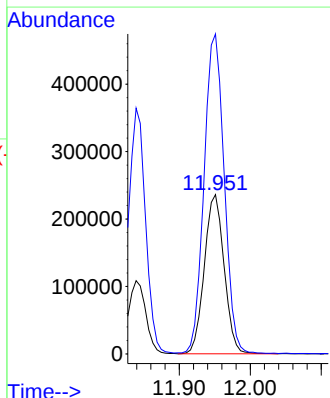
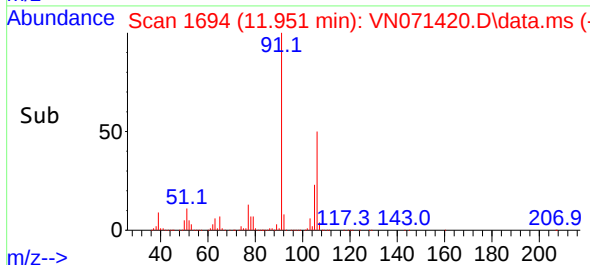
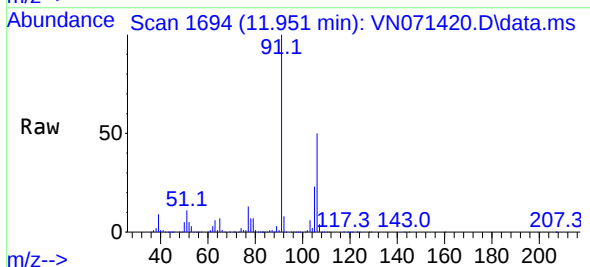
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#68
m/p-Xylenes
Concen: 39.734 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

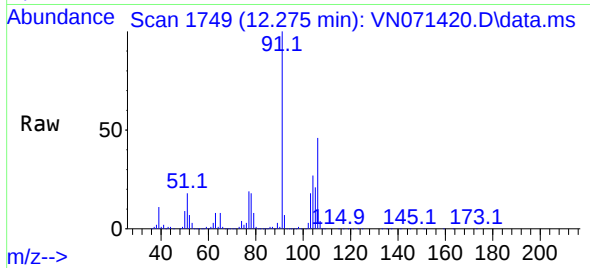
Tgt Ion:106 Resp: 457077
Ion Ratio Lower Upper
106 100
91 204.2 160.6 240.8





#69
o-Xylene
Concen: 20.226 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

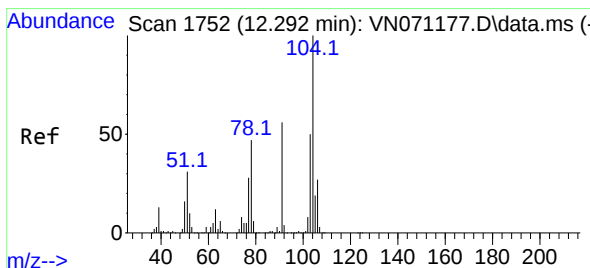
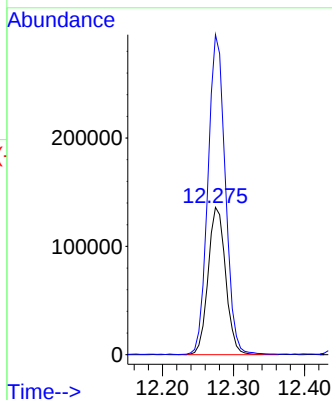
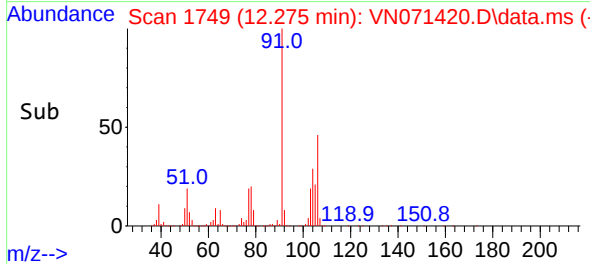
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



Tgt Ion:106 Resp: 233228
Ion Ratio Lower Upper
106 100
91 215.2 105.8 317.3

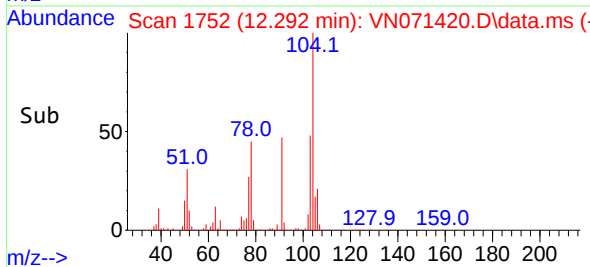
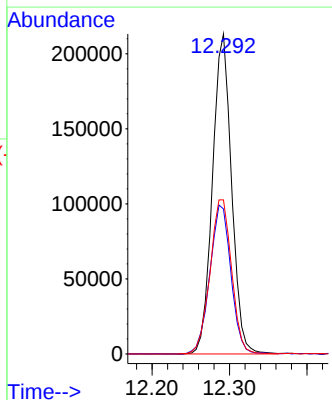
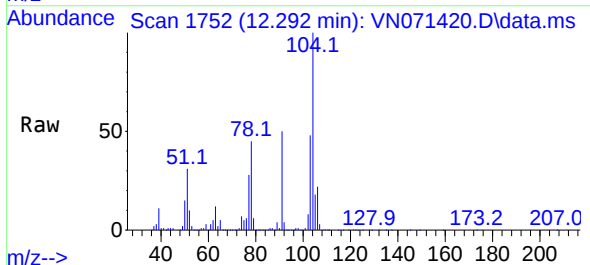
Manual Integrations
APPROVED

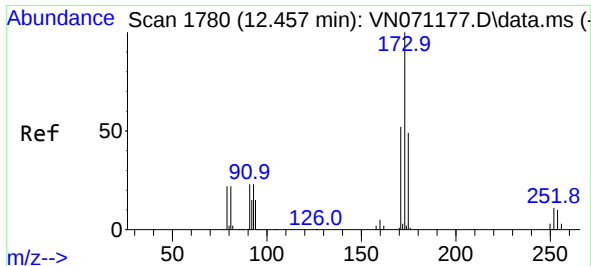
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 20.418 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

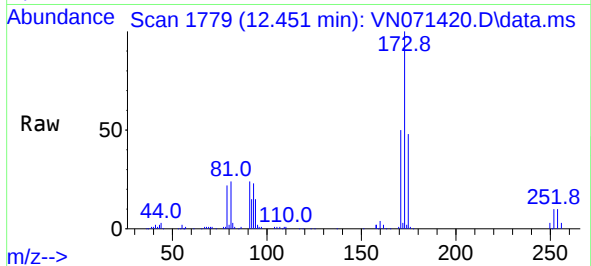
Tgt Ion:104 Resp: 364440
Ion Ratio Lower Upper
104 100
78 51.6 38.7 58.1
103 54.5 45.0 67.6





#71
Bromoform
Concen: 20.325 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

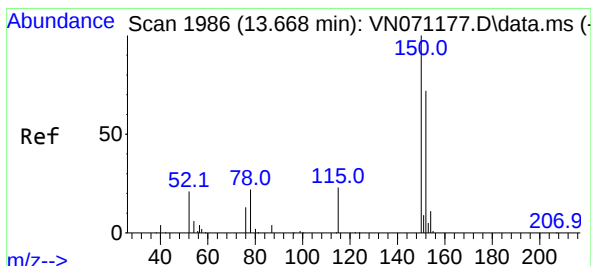
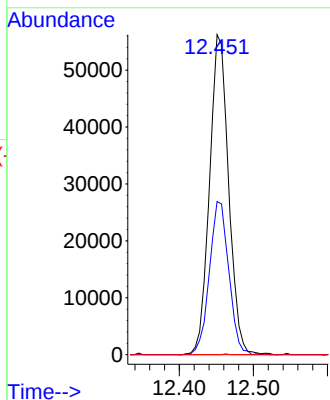
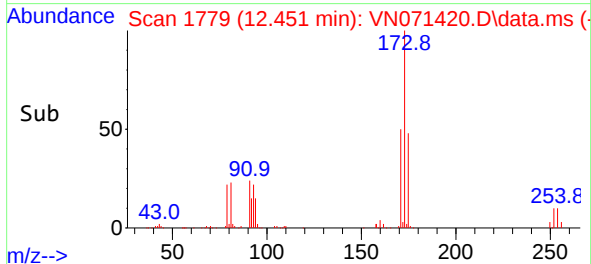
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



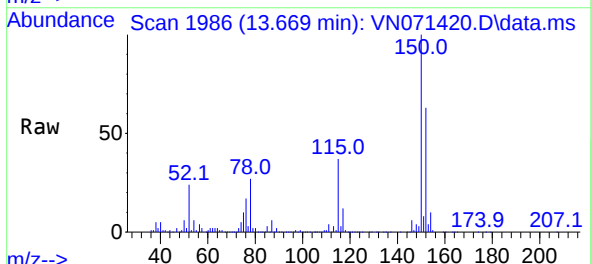
Tgt Ion:173 Resp: 10065
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

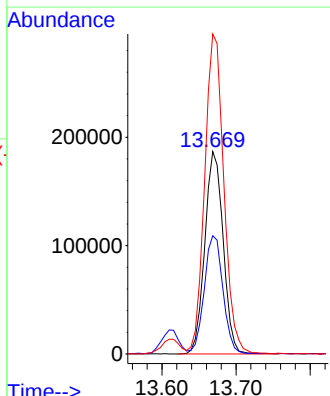
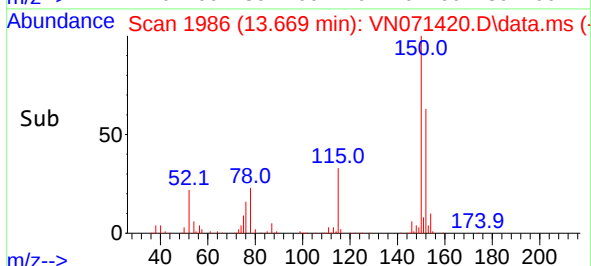
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

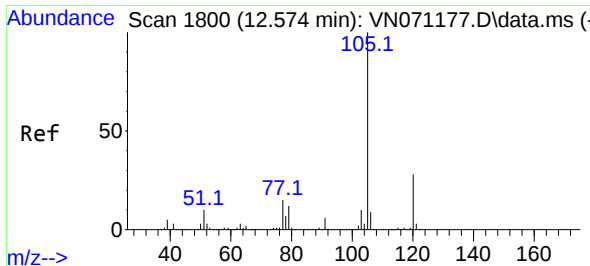


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion:152 Resp: 321944
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 164.2 0.0 344.4





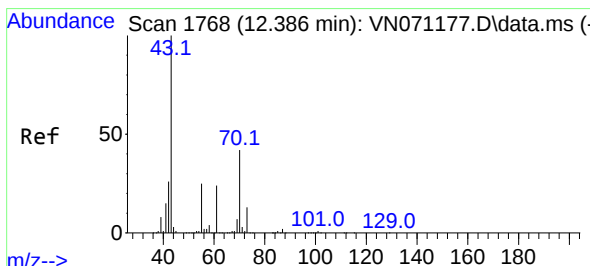
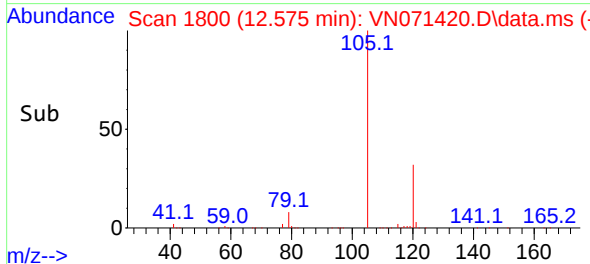
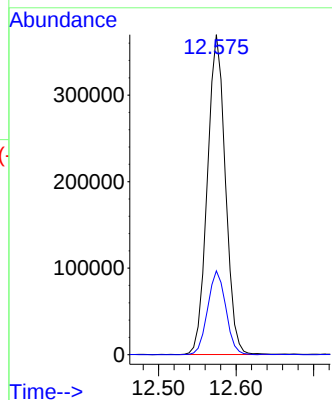
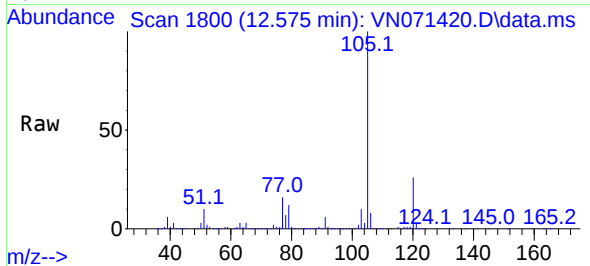
#73
Isopropylbenzene
Concen: 19.267 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion:105 Resp: 597950
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

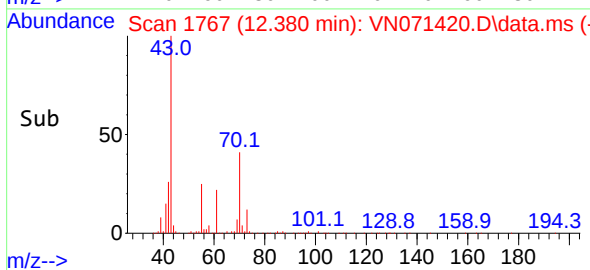
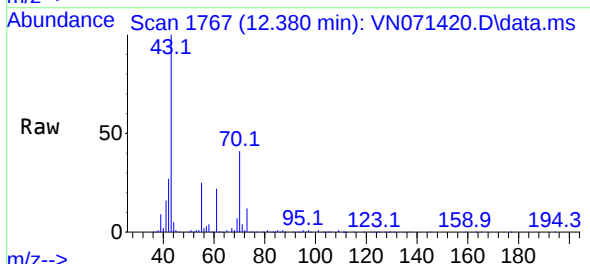
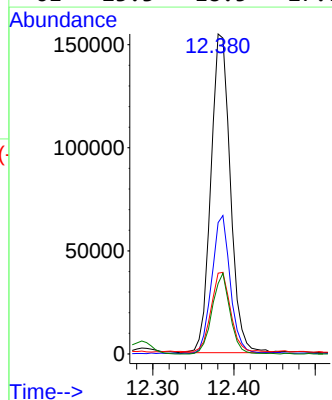
Manual Integrations
APPROVED

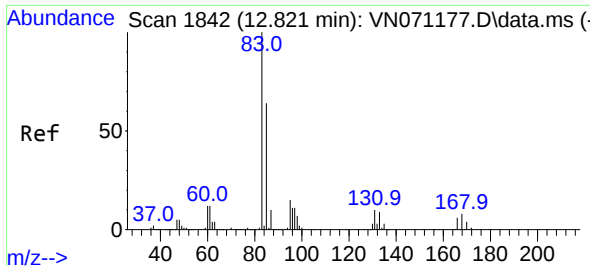
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 22.066 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion: 43 Resp: 257493
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.0
55 24.6 19.3 28.9
61 23.3 18.5 27.7





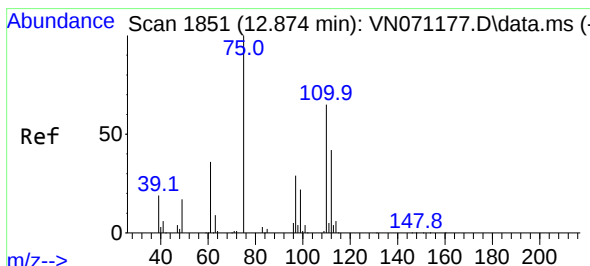
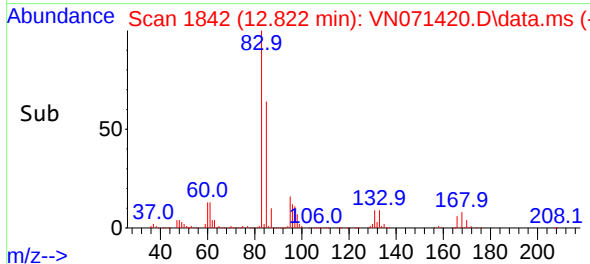
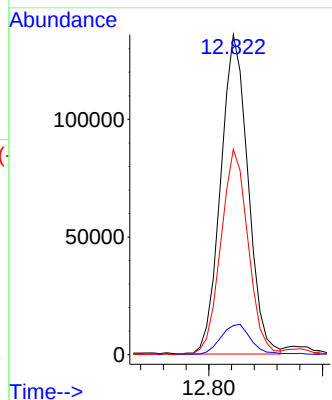
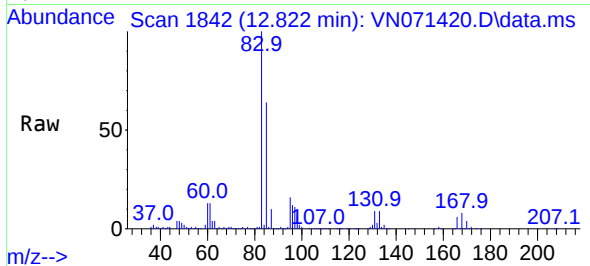
#75
1,1,2,2-Tetrachloroethane
Concen: 23.154 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 83 Resp: 226220
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 64.3 32.4 97.2

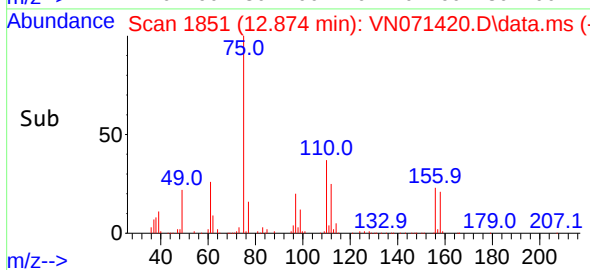
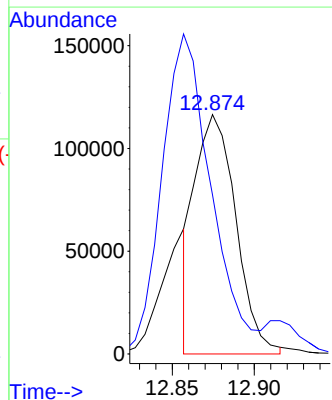
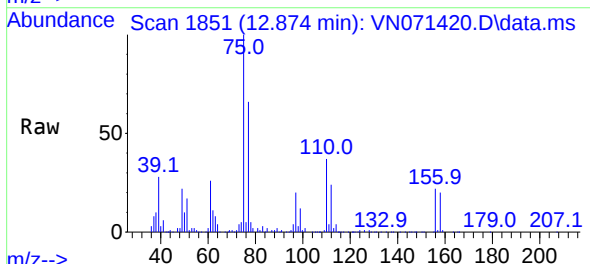
Manual Integrations
APPROVED

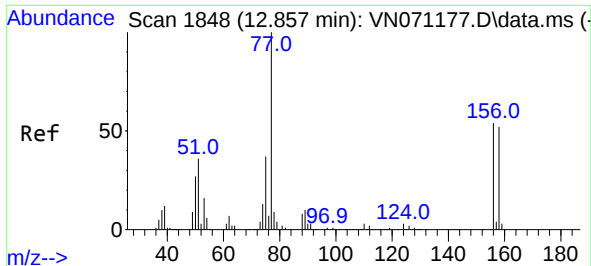
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#76
1,2,3-Trichloropropane
Concen: 24.455 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

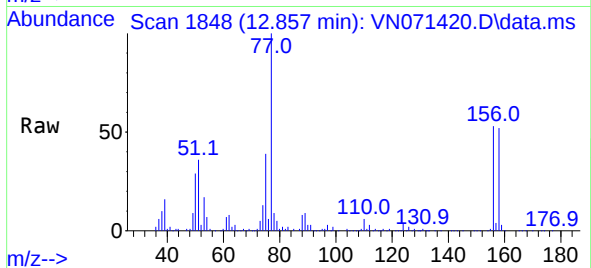
Tgt Ion: 75 Resp: 202072
Ion Ratio Lower Upper
75 100
77 160.3 82.6 247.8





#77
Bromobenzene
Concen: 19.621 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

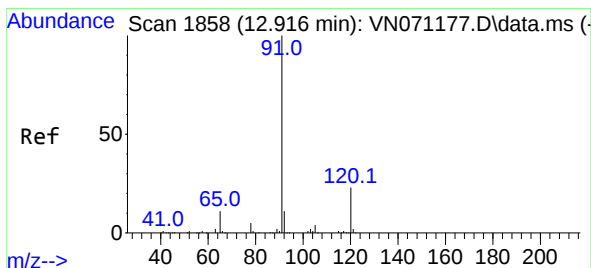
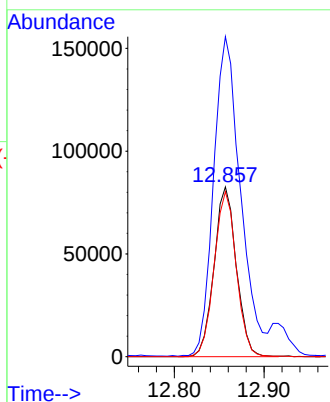
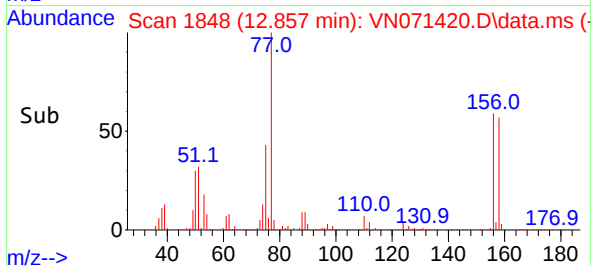
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



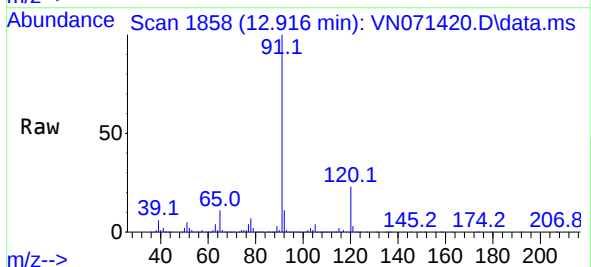
Tgt Ion:156 Resp: 141994
Ion Ratio Lower Upper
156 100
77 228.1 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
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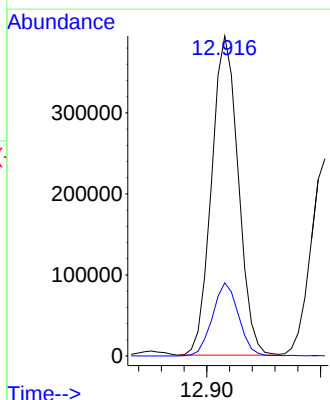
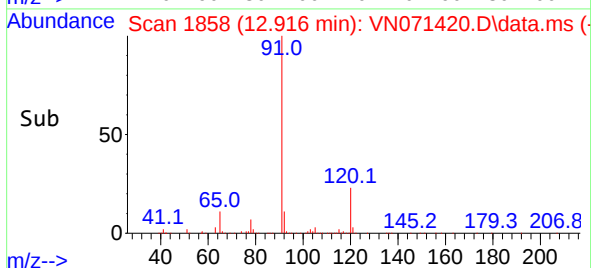
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

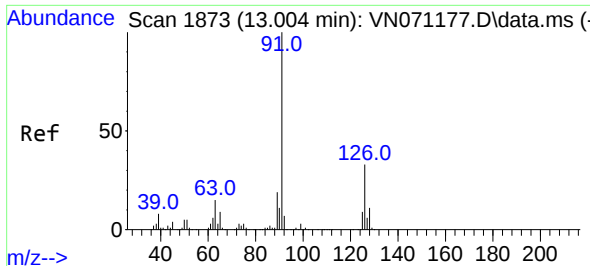


#78
n-propylbenzene
Concen: 19.315 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion: 91 Resp: 643252
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





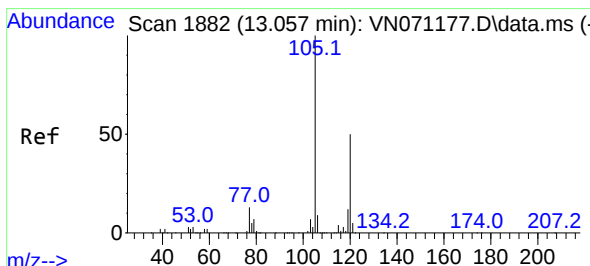
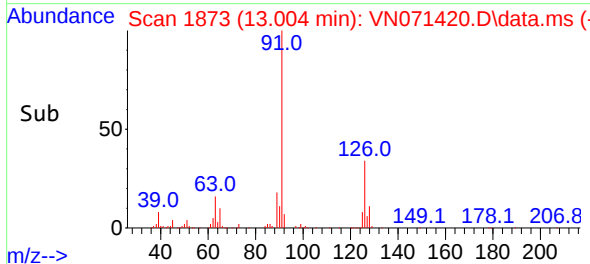
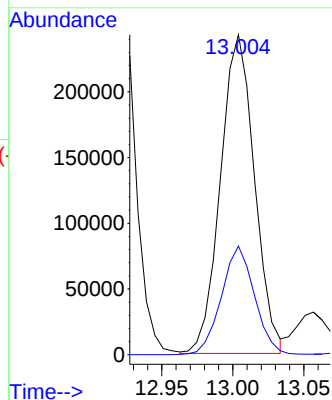
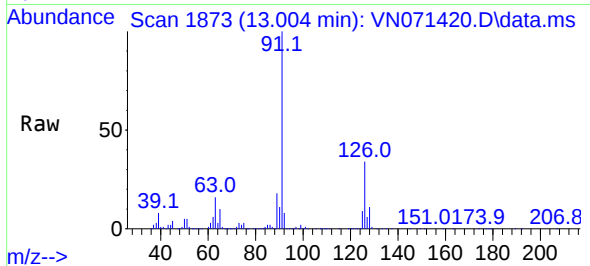
#79
2-Chlorotoluene
Concen: 18.888 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 91 Resp: 403774
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

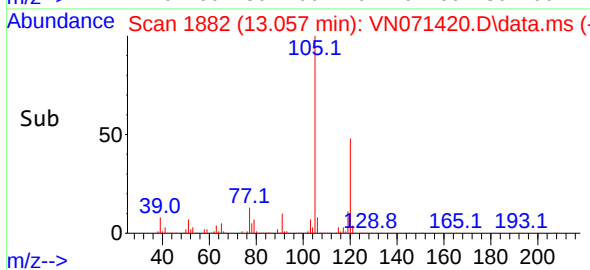
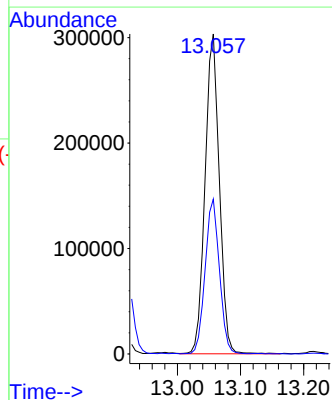
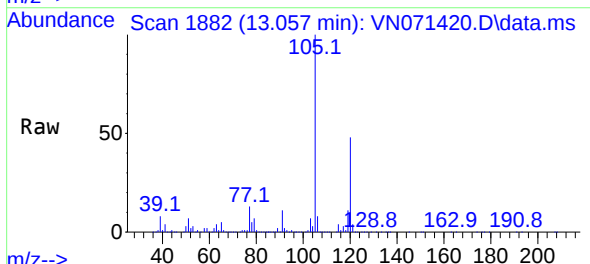
Manual Integrations
APPROVED

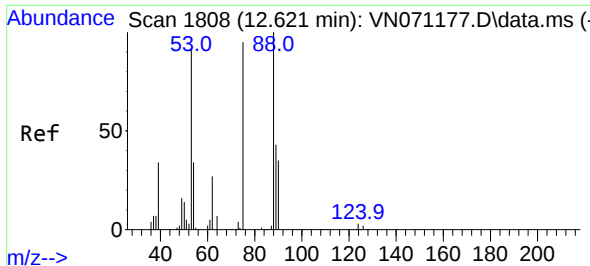
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.726 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion:105 Resp: 476278
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.6





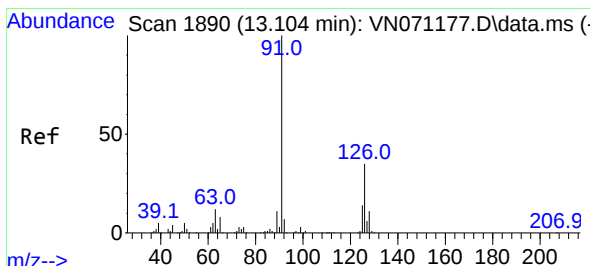
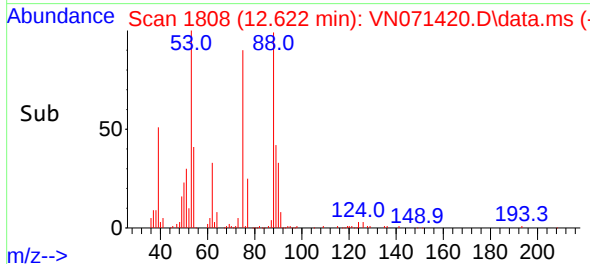
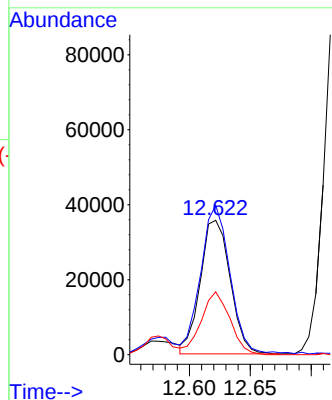
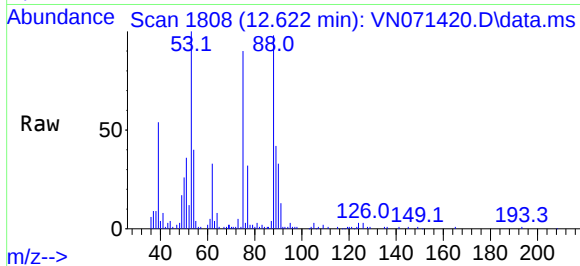
#81
trans-1,4-Dichloro-2-butene
Concen: 20.496 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 75 Resp: 6104
Ion Ratio Lower Upper
75 100
53 108.9 90.5 135.7
89 45.2 38.2 57.4

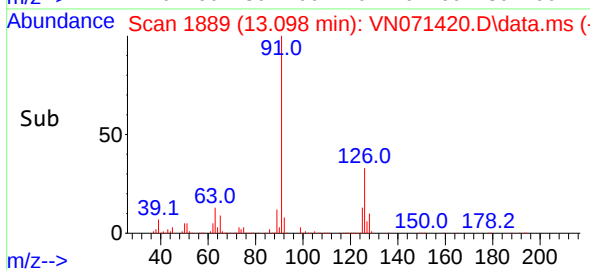
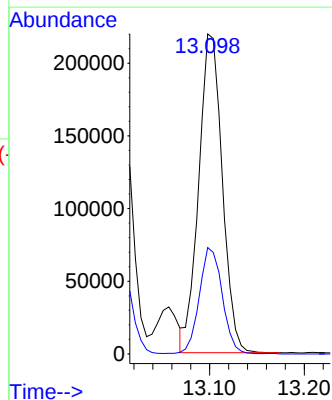
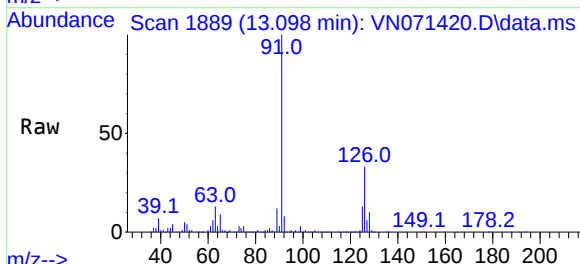
Manual Integrations
APPROVED

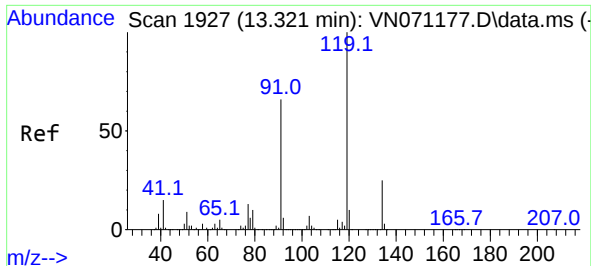
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#82
4-Chlorotoluene
Concen: 19.947 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

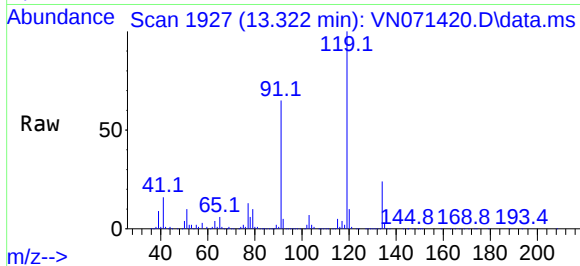
Tgt Ion: 91 Resp: 379822
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.066 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

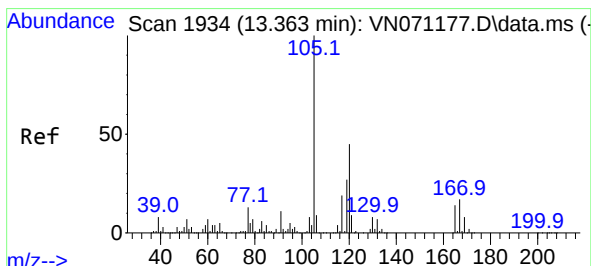
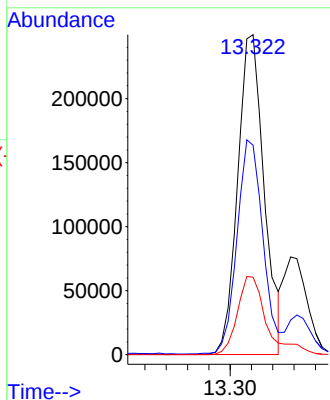
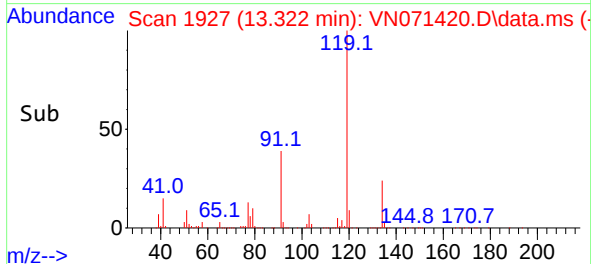
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



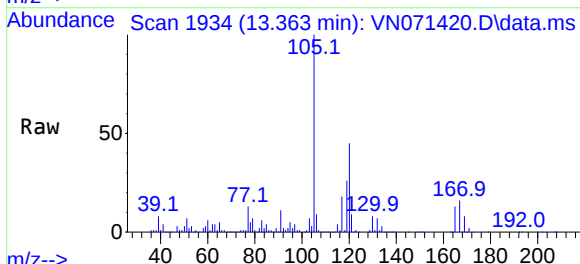
Tgt Ion:119 Resp: 432369
Ion Ratio Lower Upper
119 100
91 65.2 31.5 94.5
134 26.9 12.4 37.4

Manual Integrations
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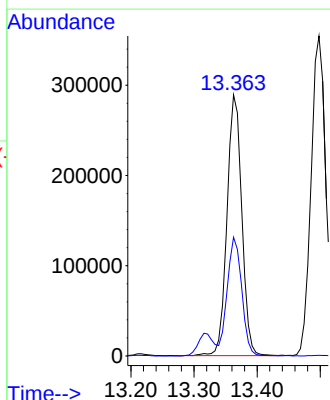
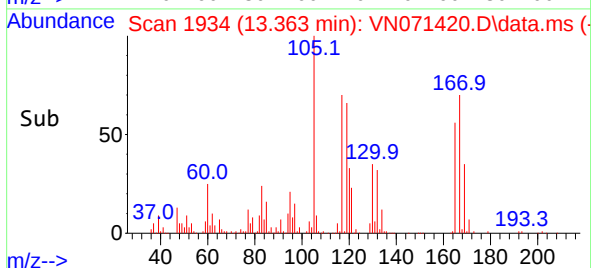
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

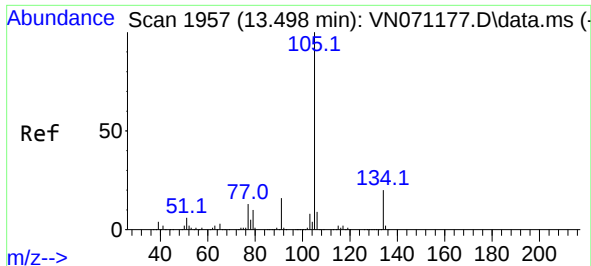


#84
1,2,4-Trimethylbenzene
Concen: 20.341 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion:105 Resp: 470435
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





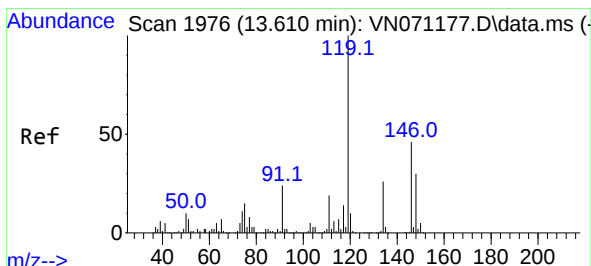
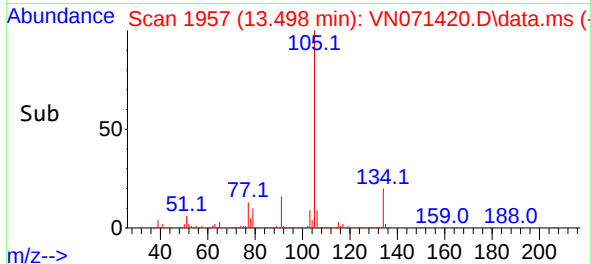
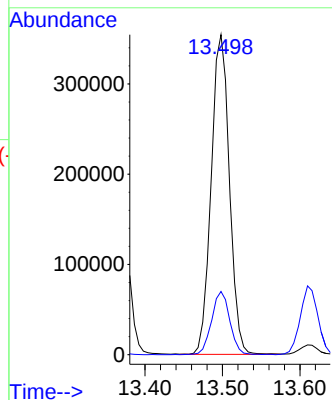
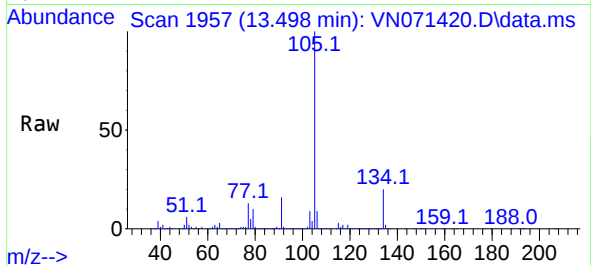
#85
sec-Butylbenzene
Concen: 20.172 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion:105 Resp: 57773
Ion Ratio Lower Upper
105 100
134 19.8 10.4 31.1

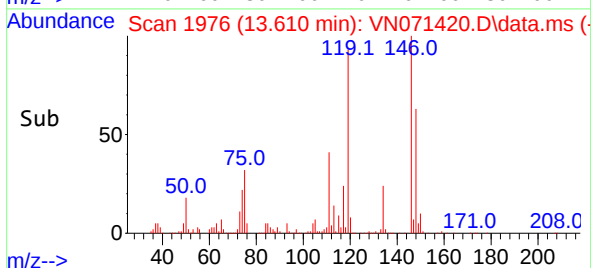
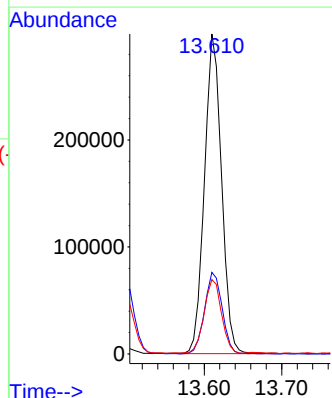
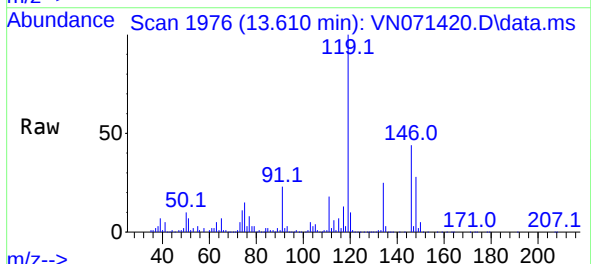
Manual Integrations
APPROVED

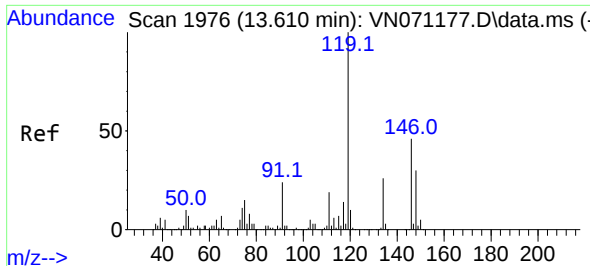
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#86
p-Isopropyltoluene
Concen: 20.290 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion:119 Resp: 457018
Ion Ratio Lower Upper
119 100
134 26.4 13.6 40.7
91 23.3 11.4 34.1





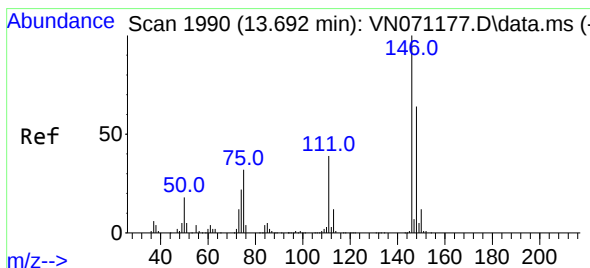
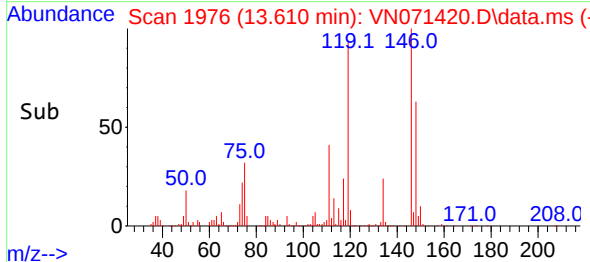
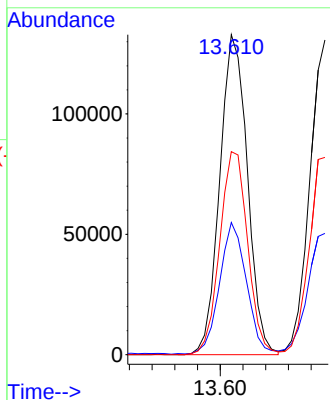
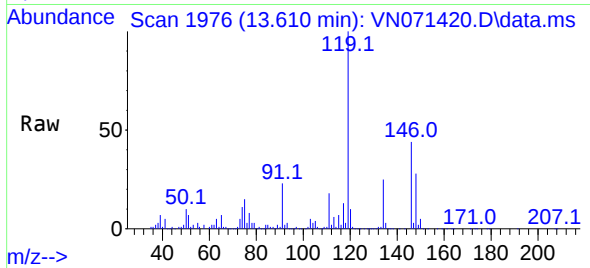
#87
1,3-Dichlorobenzene
Concen: 19.111 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion:146 Resp: 224720
Ion Ratio Lower Upper
146 100
111 40.1 18.6 55.6
148 64.2 31.6 95.0

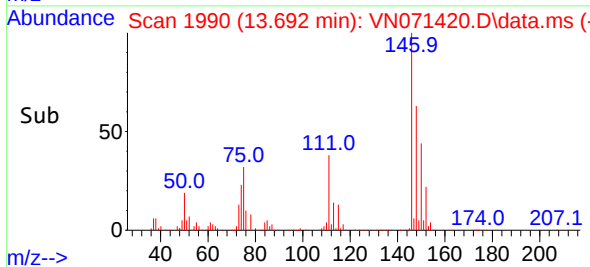
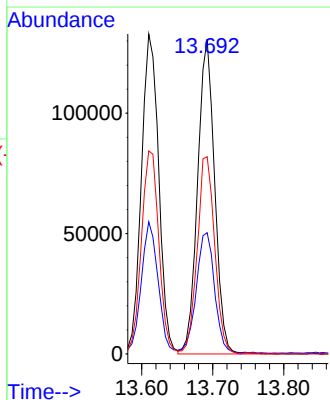
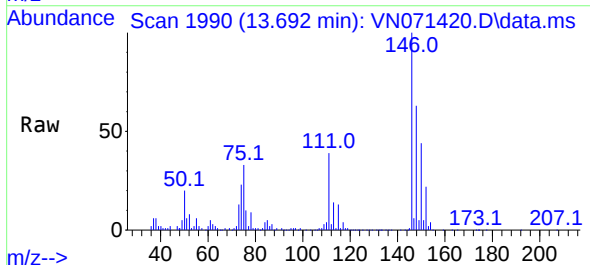
Manual Integrations
APPROVED

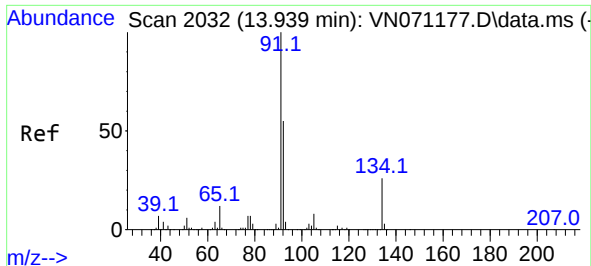
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#88
1,4-Dichlorobenzene
Concen: 19.022 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Tgt Ion:146 Resp: 218642
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 64.4 31.8 95.4





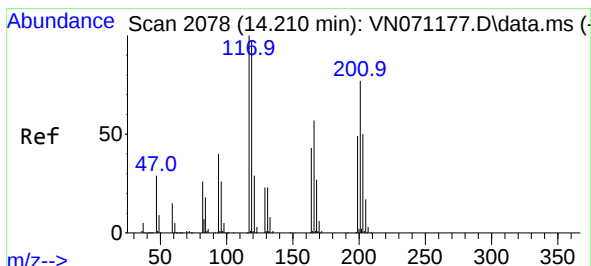
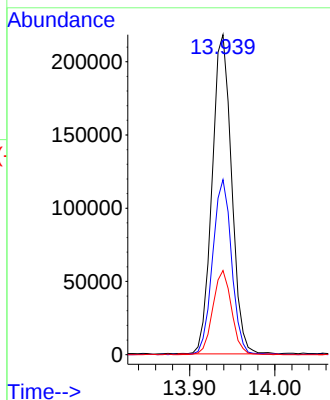
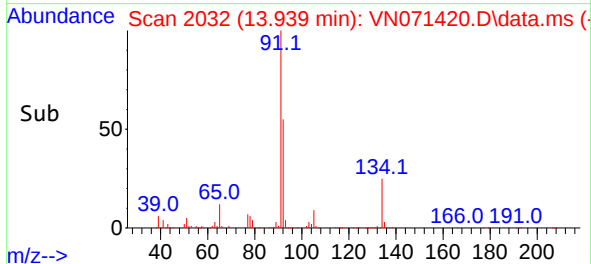
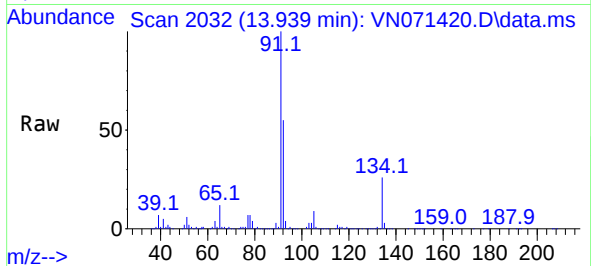
#89
n-Butylbenzene
Concen: 19.622 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01

Tgt Ion: 91 Resp: 34568
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 25.5 13.6 40.8

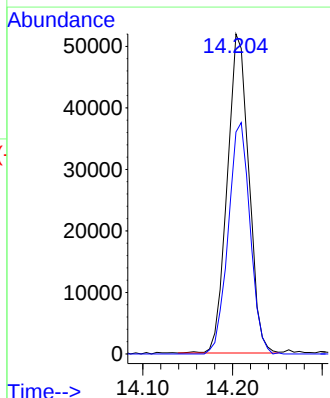
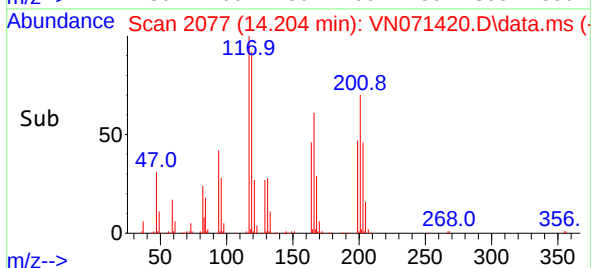
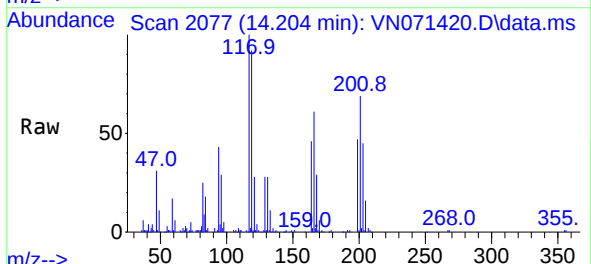
Manual Integrations
APPROVED

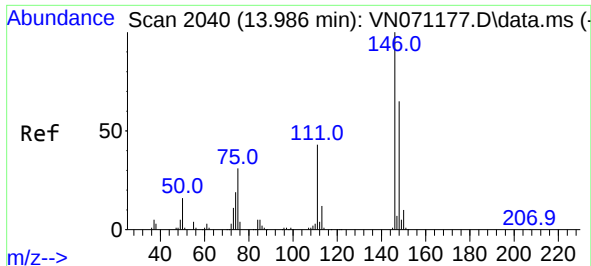
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 19.350 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

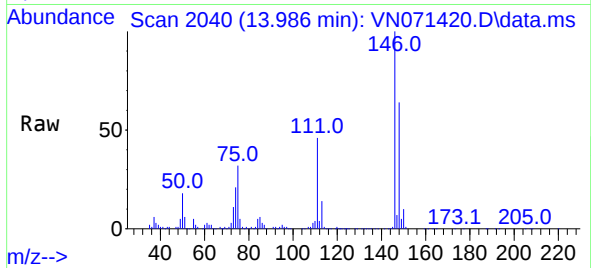
Tgt Ion:117 Resp: 86671
Ion Ratio Lower Upper
117 100
201 73.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.888 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

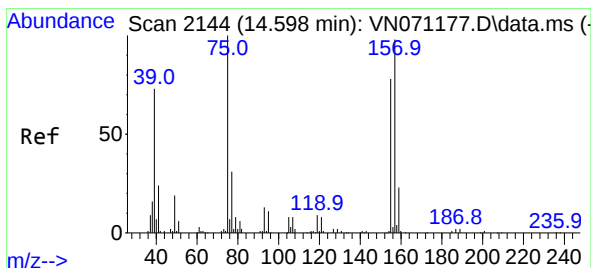
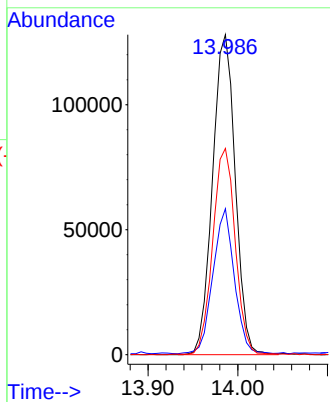
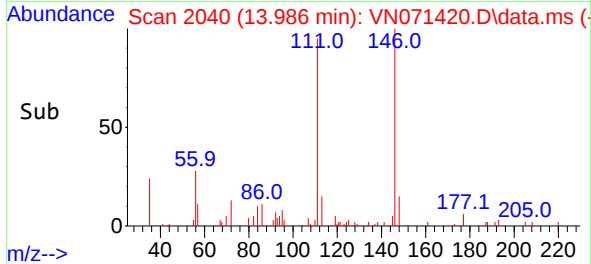
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



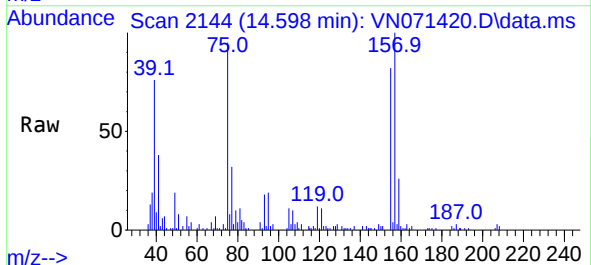
Tgt Ion:146 Resp: 22483
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

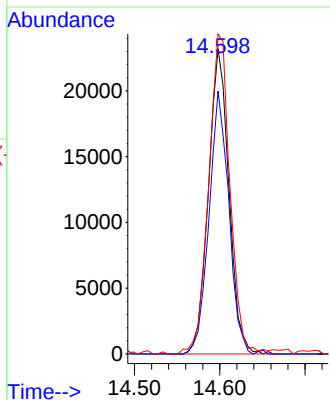
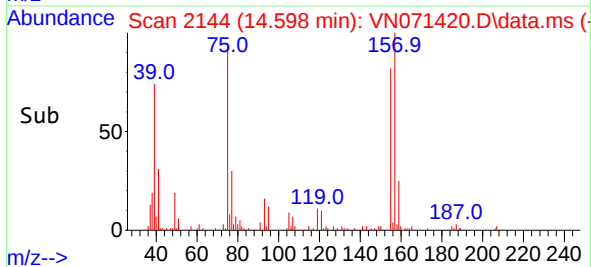
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

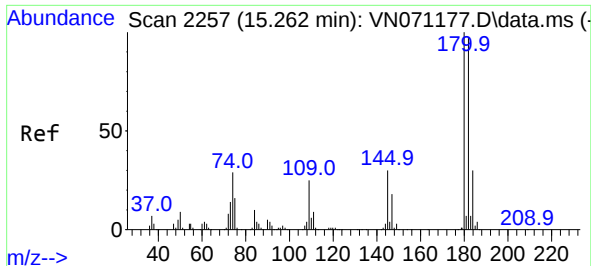


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.478 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



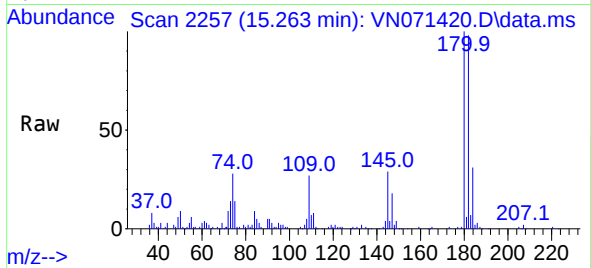
Tgt Ion: 75 Resp: 38783
Ion Ratio Lower Upper
75 100
155 83.1 46.9 140.7
157 109.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 21.522 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

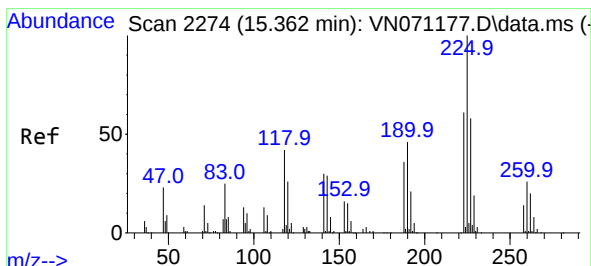
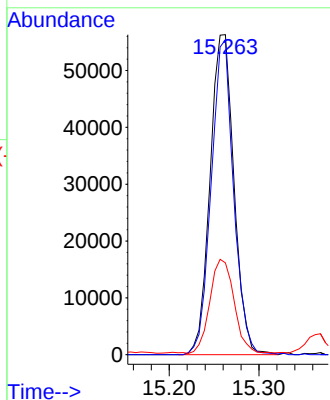
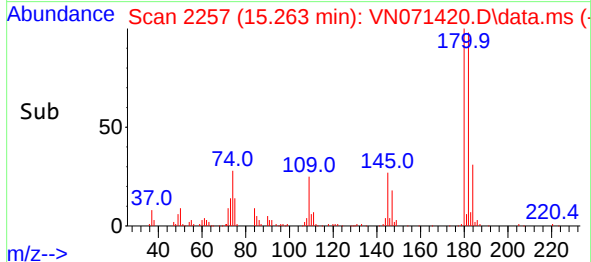
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBS01



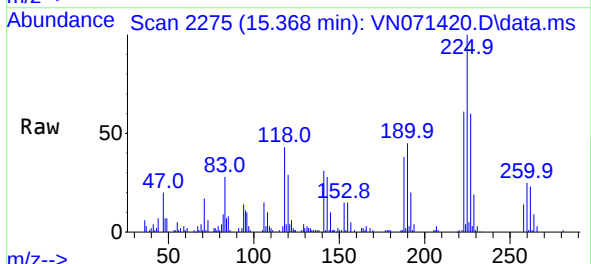
Tgt Ion:180 Resp: 104002
Ion Ratio Lower Upper
180 100
182 92.2 48.3 144.9
145 30.1 14.5 43.5

Manual Integrations
APPROVED

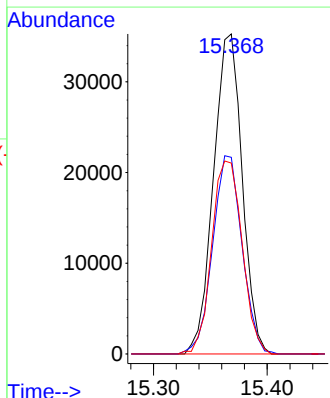
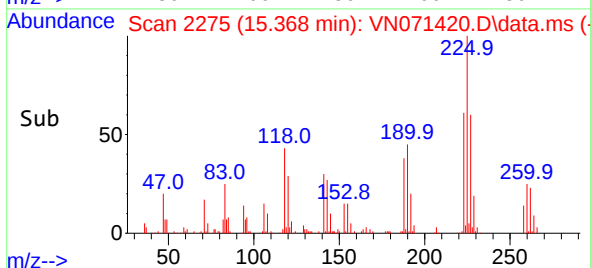
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

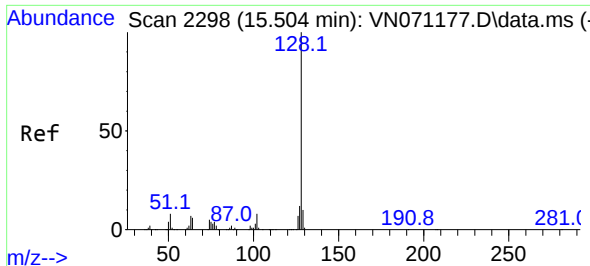


#94
Hexachlorobutadiene
Concen: 19.519 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



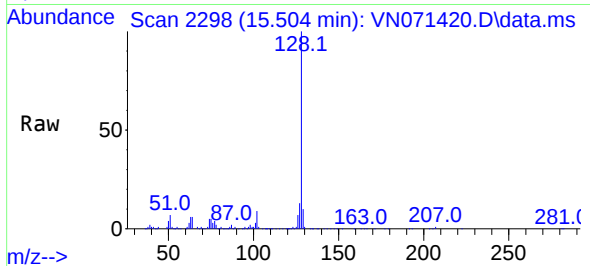
Tgt Ion:225 Resp: 61947
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 24.417 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15

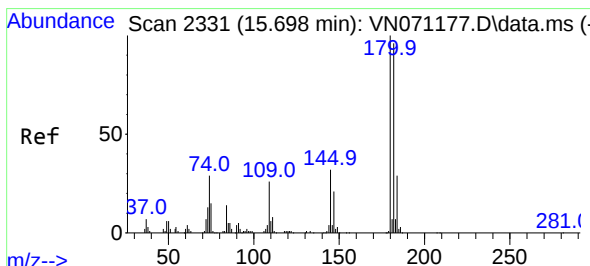
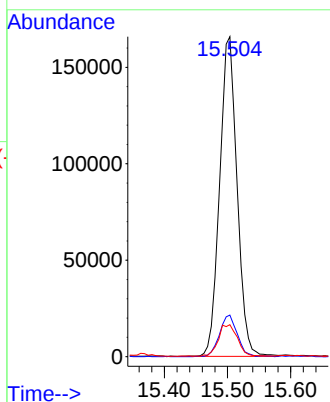
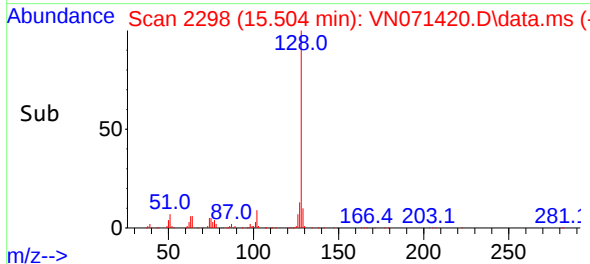
Instrument :
MSVOA_N
ClientSampleId :
VN0321MBSD01



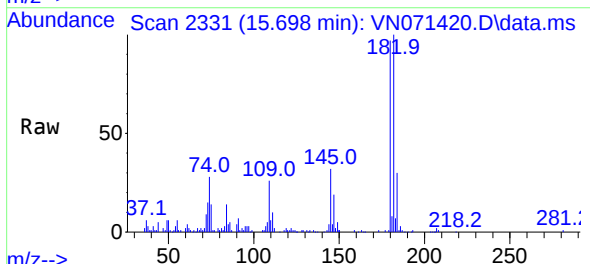
Tgt Ion:128 Resp: 317780
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 21.797 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071420.D
Acq: 21 Mar 2022 15:15



Tgt Ion:180 Resp: 101932
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.2
145 33.2 15.0 45.1

