

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071281.D
 Acq On : 14 Mar 2022 21:15
 Operator : JC\MD
 Sample : VN0314WBS08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS08

Quant Time: Mar 15 04:03:09 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	627671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1040945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	929641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	366572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438074	50.924	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.840%			
35) Dibromofluoromethane	8.016	113	328394	49.994	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.980%			
50) Toluene-d8	10.439	98	1311220	49.578	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.727	95	431174	48.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	103809	15.090	ug/l	99
3) Chloromethane	2.299	50	147759	15.976	ug/l	100
4) Vinyl Chloride	2.440	62	133236	15.804	ug/l	95
5) Bromomethane	2.840	94	75199	15.901	ug/l	95
6) Chloroethane	3.010	64	84294	16.511	ug/l	100
7) Trichlorofluoromethane	3.369	101	175761	15.840	ug/l	94
8) Diethyl Ether	3.828	74	75911	15.987	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	100600	15.661	ug/l	94
10) Methyl Iodide	4.422	142	130242	14.355	ug/l	99
11) Tert butyl alcohol	5.363	59	145593	86.154	ug/l	98
12) 1,1-Dichloroethene	4.181	96	98816	15.704	ug/l	98
13) Acrolein	4.034	56	80725	45.131	ug/l	99
14) Allyl chloride	4.846	41	212708	15.542	ug/l #	86
15) Acrylonitrile	5.551	53	415748	82.853	ug/l	99
16) Acetone	4.281	43	351157	83.895	ug/l	98
17) Carbon Disulfide	4.528	76	250160	13.964	ug/l	100
18) Methyl Acetate	4.851	43	231179	20.842	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	393616	16.660	ug/l	97
20) Methylene Chloride	5.093	84	127188	16.881	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	107531	15.623	ug/l	95
22) Diisopropyl ether	6.492	45	450722	16.716	ug/l #	89
23) Vinyl Acetate	6.428	43	1917268	83.993	ug/l	99
24) 1,1-Dichloroethane	6.387	63	226014	15.863	ug/l	99
25) 2-Butanone	7.328	43	579652	85.968	ug/l	95
26) 2,2-Dichloropropane	7.316	77	179920	16.369	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	131750	16.128	ug/l	91
28) Bromochloromethane	7.657	49	97064	15.298	ug/l	83
29) Tetrahydrofuran	7.681	42	397042	84.999	ug/l	91
30) Chloroform	7.816	83	225101	16.565	ug/l	100
31) Cyclohexane	8.092	56	213801	15.563	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	192422	16.623	ug/l	97
36) 1,1-Dichloropropene	8.222	75	160991	15.297	ug/l	96
37) Ethyl Acetate	7.404	43	231973	16.015	ug/l	99
38) Carbon Tetrachloride	8.204	117	162824	15.995	ug/l	98
39) Methylcyclohexane	9.457	83	189418	15.299	ug/l	93
40) Benzene	8.457	78	511997	16.146	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	121035	17.075	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	184508	16.721	ug/l	100
43) Isopropyl Acetate	8.557	43	459319	21.206	ug/l #	87
44) Trichloroethene	9.210	130	119584	15.983	ug/l	99
45) 1,2-Dichloropropane	9.486	63	137306	16.130	ug/l	100
46) Dibromomethane	9.575	93	84332	16.096	ug/l	97
47) Bromodichloromethane	9.757	83	171532	16.201	ug/l	99
48) Methyl methacrylate	9.557	41	162392	16.178	ug/l #	85
49) 1,4-Dioxane	9.563	88	60223	345.164	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	1128612	83.959	ug/l	99
52) Toluene	10.504	92	318817	16.328	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	187961	16.104	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	204250	16.016	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	126348	16.148	ug/l	99
56) Ethyl methacrylate	10.757	69	208501	16.318	ug/l	91
57) 1,3-Dichloropropane	11.039	76	225040	16.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	302713	128.059	ug/l	94
59) 2-Hexanone	11.080	43	819965	89.400	ug/l	100
60) Dibromochloromethane	11.233	129	127729	16.430	ug/l	97
61) 1,2-Dibromoethane	11.339	107	128036	16.011	ug/l	98
64) Tetrachloroethene	10.975	164	103720	15.997	ug/l	95
65) Chlorobenzene	11.769	112	320202	16.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	122001	16.666	ug/l	100
67) Ethyl Benzene	11.839	91	579992	16.430	ug/l	96
68) m/p-Xylenes	11.951	106	434984	33.684	ug/l	97
69) o-Xylene	12.274	106	218750	16.899	ug/l	98
70) Styrene	12.292	104	345481	17.242	ug/l	98
71) Bromoform	12.457	173	96213	17.307	ug/l #	98
73) Isopropylbenzene	12.574	105	557368	15.773	ug/l	99
74) N-amyl acetate	12.380	43	224838	16.922	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	200093	17.383	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	180093m	18.492	ug/l	
77) Bromobenzene	12.857	156	131661	15.978	ug/l	81
78) n-propylbenzene	12.916	91	601194	15.855	ug/l	98
79) 2-Chlorotoluene	13.004	91	384522	15.797	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	450948	16.403	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57539	16.968	ug/l	96
82) 4-Chlorotoluene	13.098	91	357252	16.477	ug/l	94
83) tert-Butylbenzene	13.316	119	403602	16.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	441636	16.771	ug/l	99
85) sec-Butylbenzene	13.498	105	524674	16.089	ug/l	100
86) p-Isopropyltoluene	13.610	119	425405	16.587	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	213691	15.961	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	207593	15.862	ug/l	97
89) n-Butylbenzene	13.939	91	308387	15.374	ug/l	97
90) Hexachloroethane	14.204	117	80148	15.715	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	211473	16.429	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35384	17.210	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	85768	16.412	ug/l	99
94) Hexachlorobutadiene	15.362	225	56265	15.571	ug/l	97
95) Naphthalene	15.504	128	240521	17.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	87964	17.181	ug/l	99

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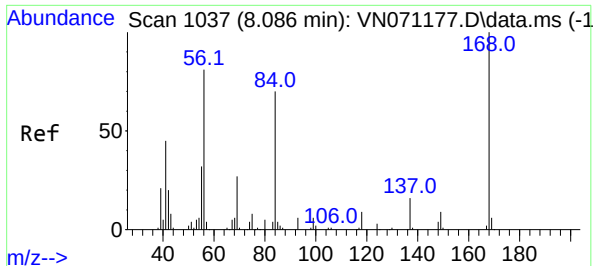
Manual Integrations
APPROVED

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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



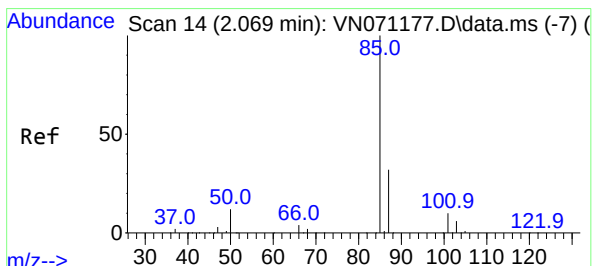
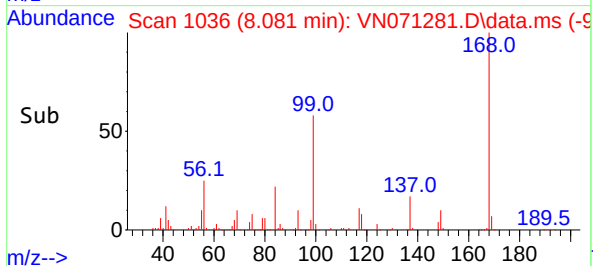
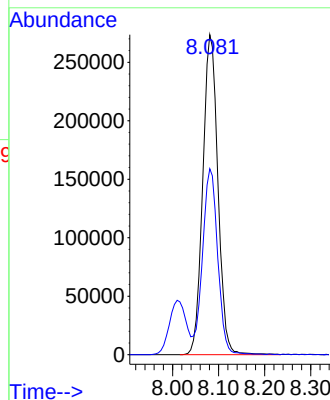
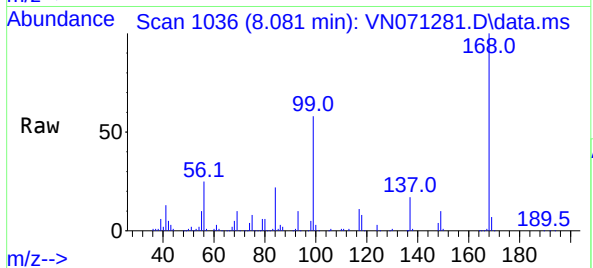
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071281.D
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MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:168 Resp: 62767
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9

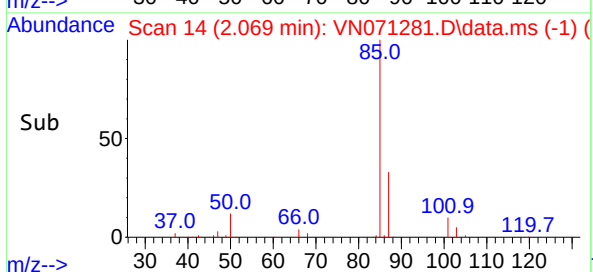
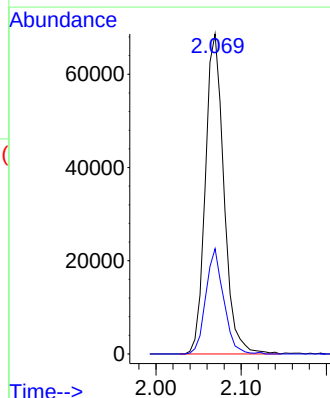
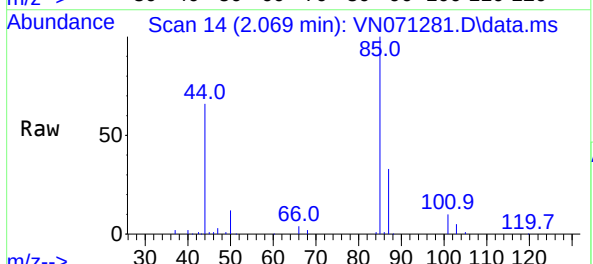
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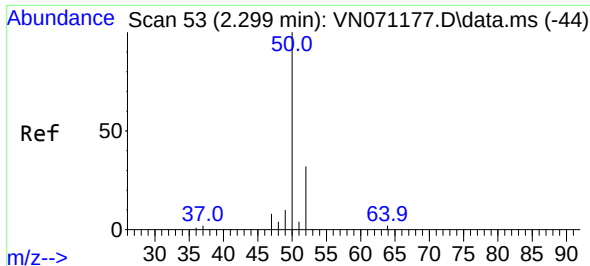
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#2
Dichlorodifluoromethane
Concen: 15.090 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

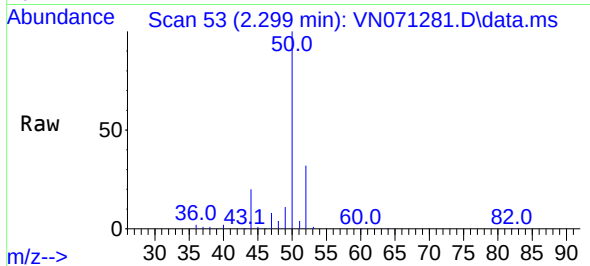
Tgt Ion: 85 Resp: 103809
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 15.976 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

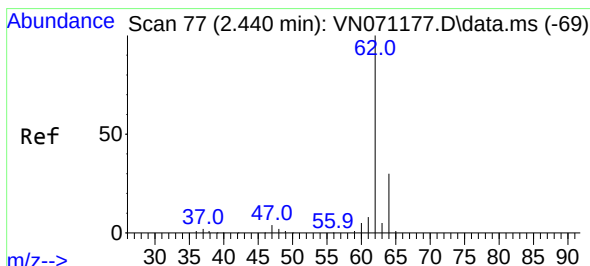
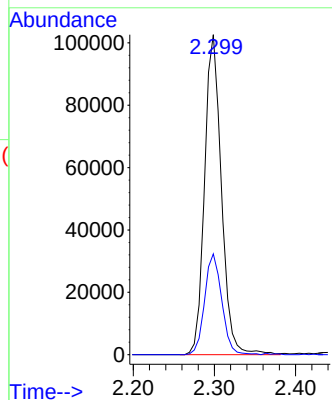
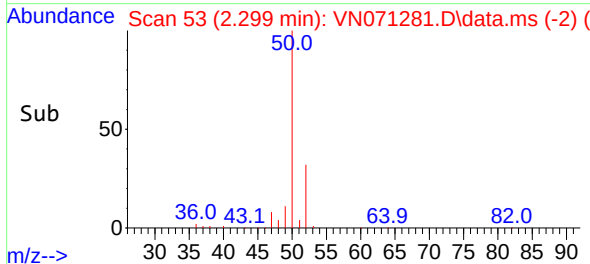
Instrument :
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Tgt Ion: 50 Resp: 147759
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

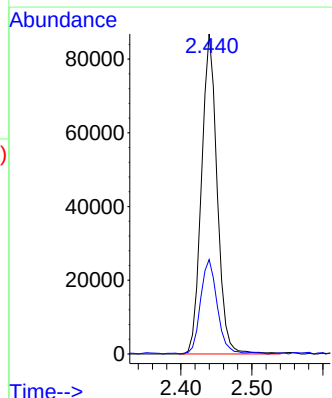
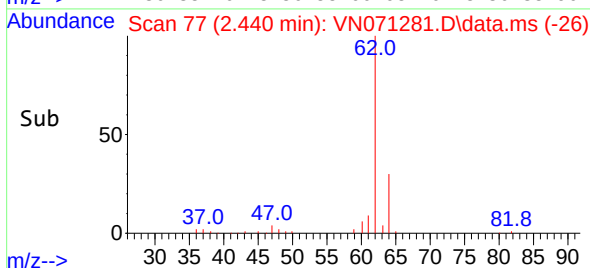
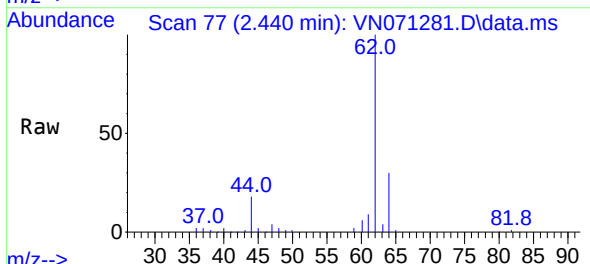
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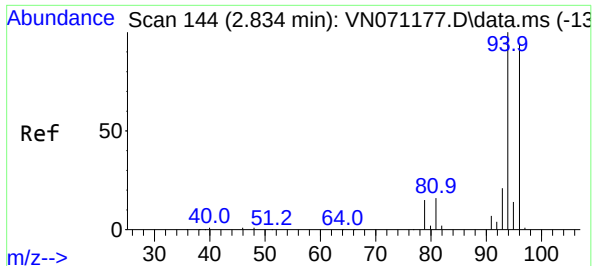
Reviewed By :John Carlone 03/15/2022
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#4
Vinyl Chloride
Concen: 15.804 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

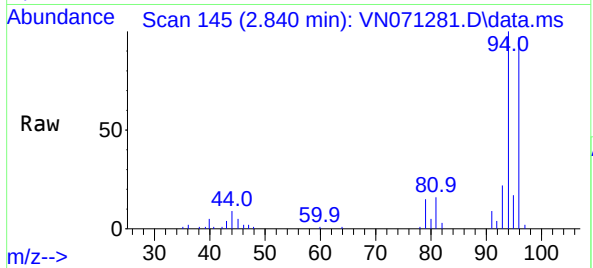
Tgt Ion: 62 Resp: 133236
Ion Ratio Lower Upper
62 100
64 29.5 25.8 38.6





#5
Bromomethane
Concen: 15.901 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

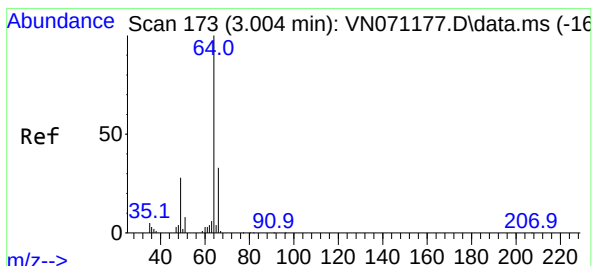
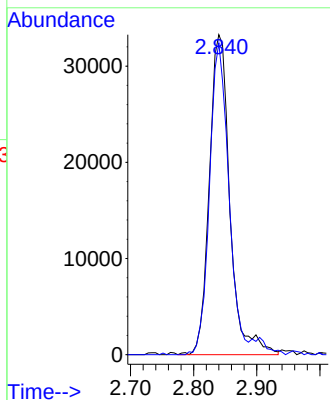
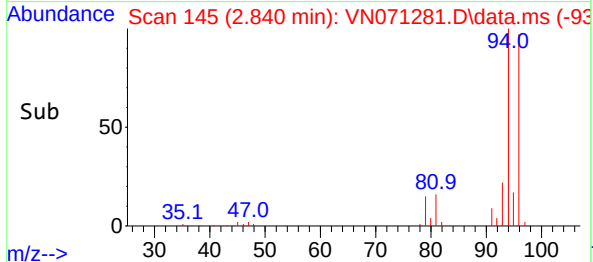
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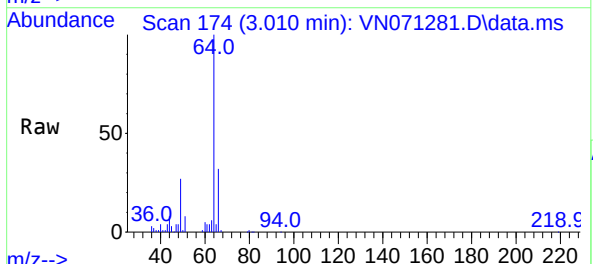
Tgt Ion: 94 Resp: 75199
Ion Ratio Lower Upper
94 100
96 97.4 73.8 110.8

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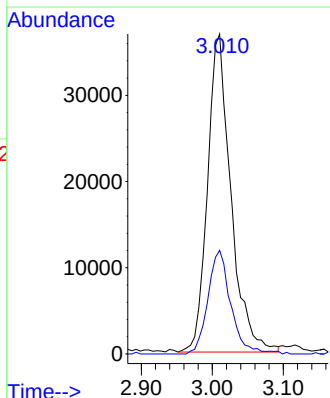
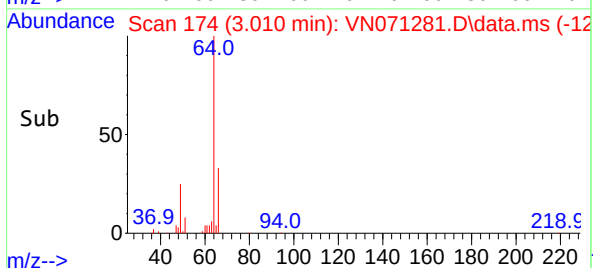
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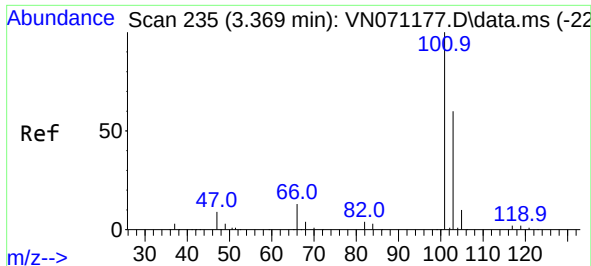


#6
Chloroethane
Concen: 16.511 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071281.D
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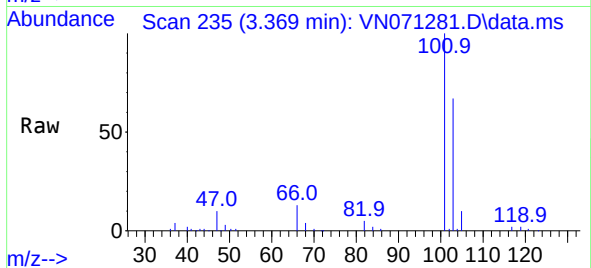
Tgt Ion: 64 Resp: 84294
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 15.840 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071281.D
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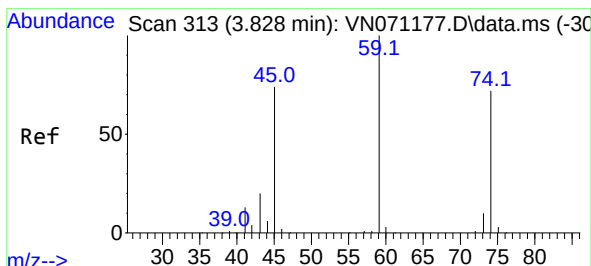
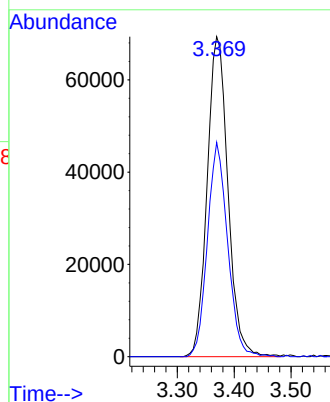
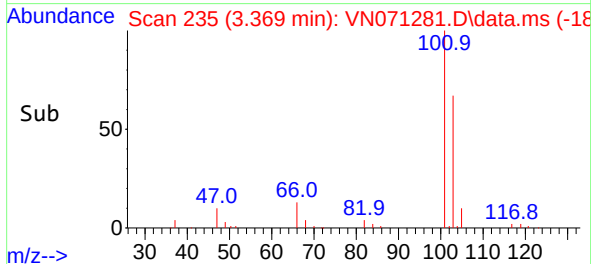
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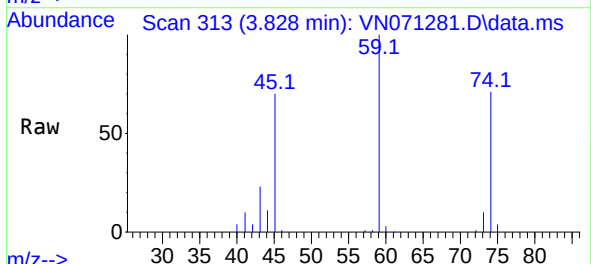
Tgt Ion:101 Resp: 17576
Ion Ratio Lower Upper
101 100
103 67.0 50.1 75.1

Manual Integrations
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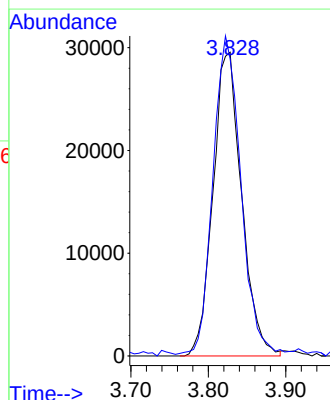
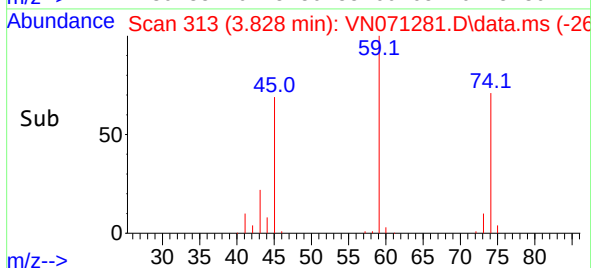
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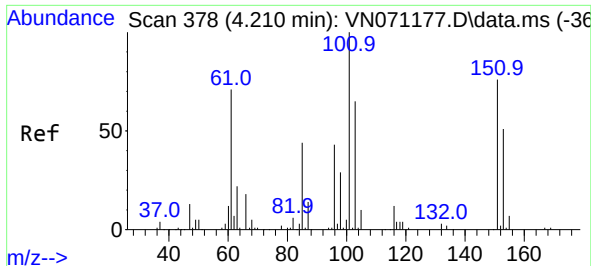


#8
Diethyl Ether
Concen: 15.987 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
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Acq: 14 Mar 2022 21:15



Tgt Ion: 74 Resp: 75911
Ion Ratio Lower Upper
74 100
45 101.6 47.0 141.2





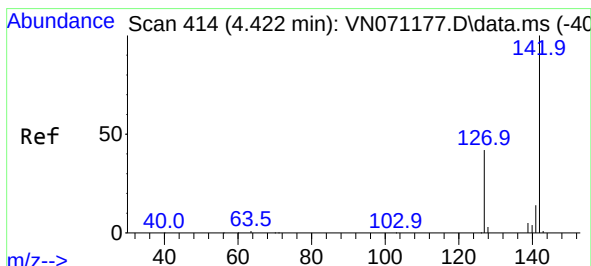
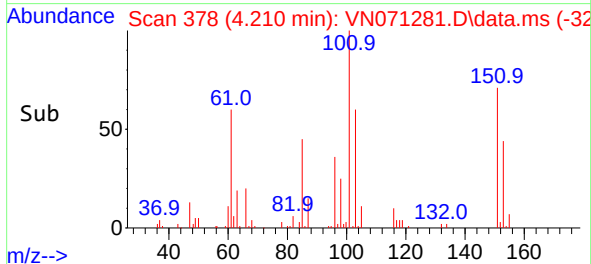
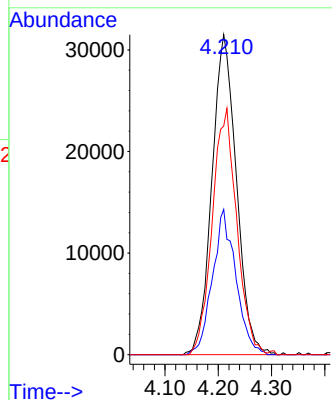
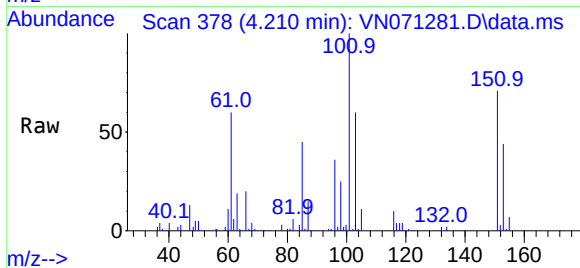
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.661 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:101 Resp: 100600
Ion Ratio Lower Upper
101 100
85 43.4 37.2 55.8
151 77.0 65.9 98.9

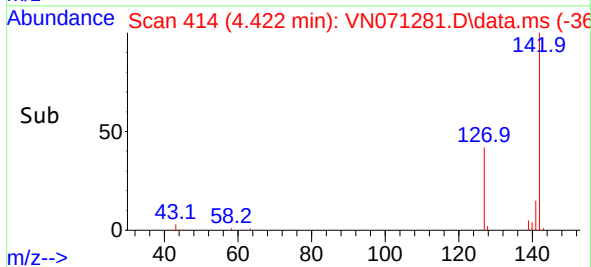
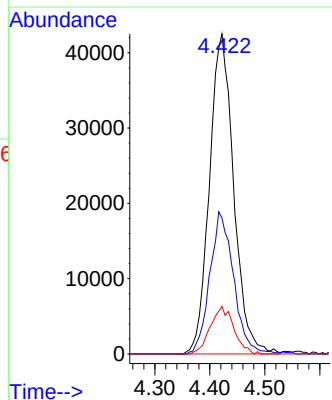
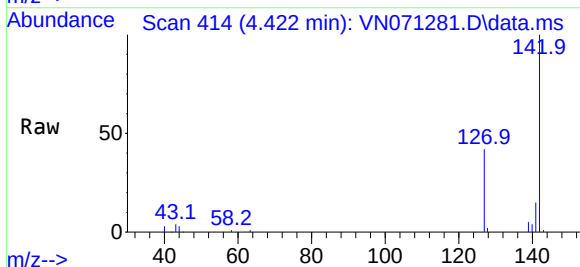
Manual Integrations
APPROVED

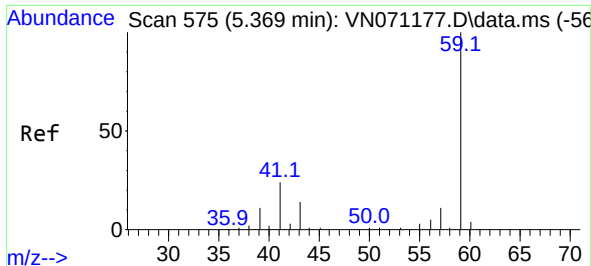
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 14.355 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

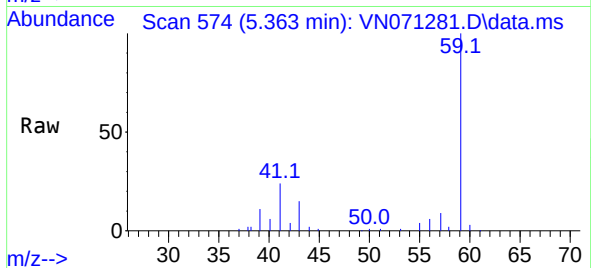
Tgt Ion:142 Resp: 130242
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.154 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

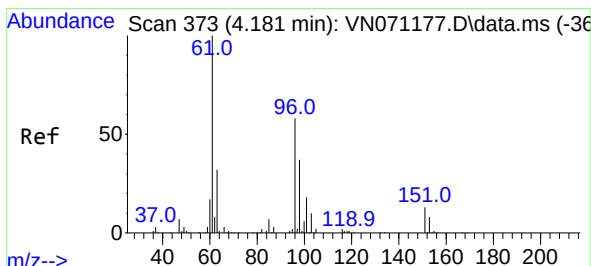
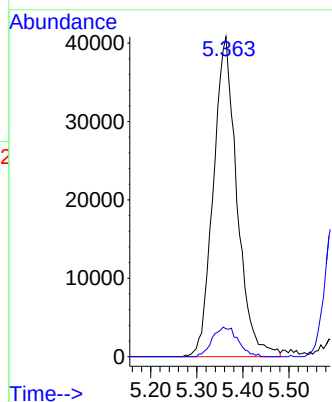
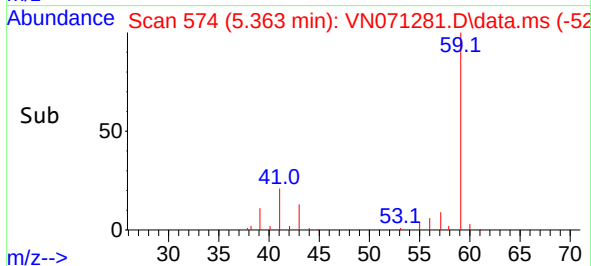
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



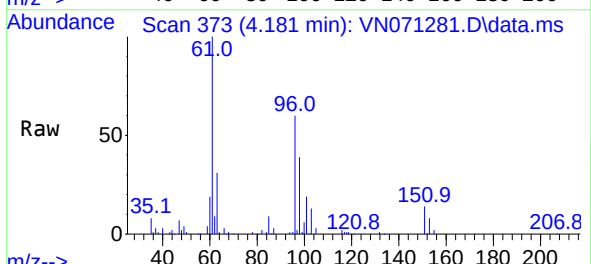
Tgt Ion: 59 Resp: 14559
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

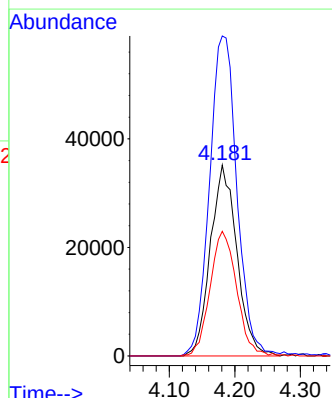
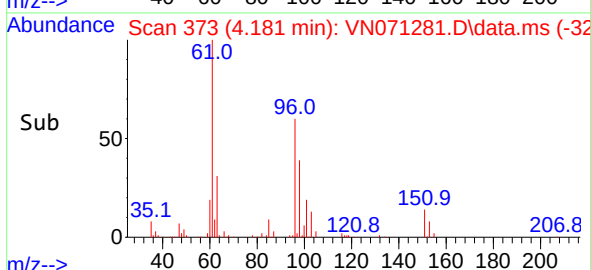
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

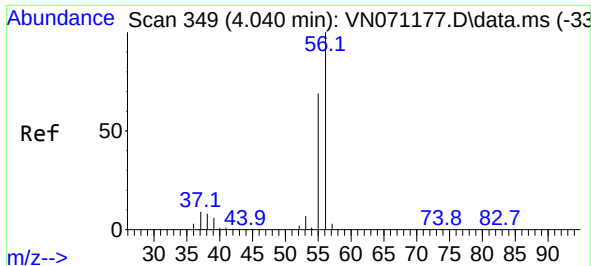


#12
1,1-Dichloroethene
Concen: 15.704 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 96 Resp: 98816
Ion Ratio Lower Upper
96 100
61 167.7 131.0 196.6
98 65.3 52.4 78.6





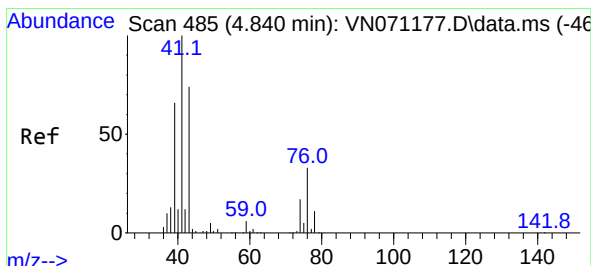
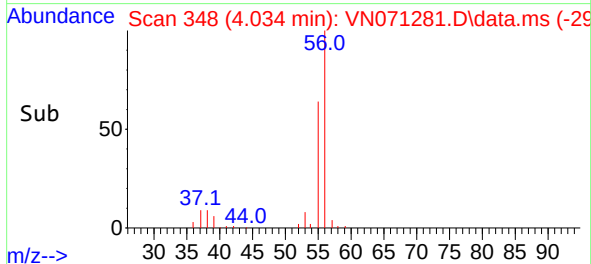
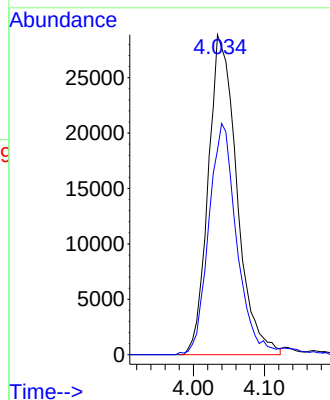
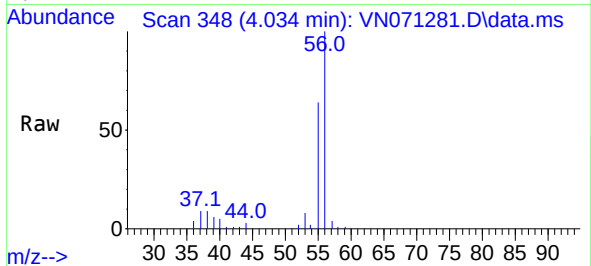
#13
Acrolein
Concen: 45.131 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 56 Resp: 80725
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

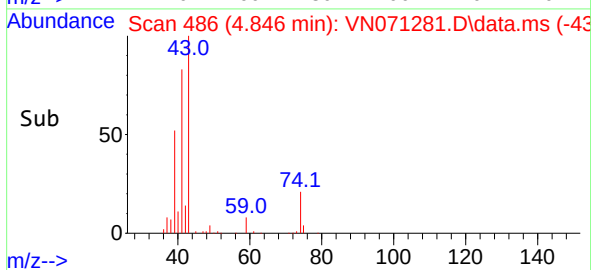
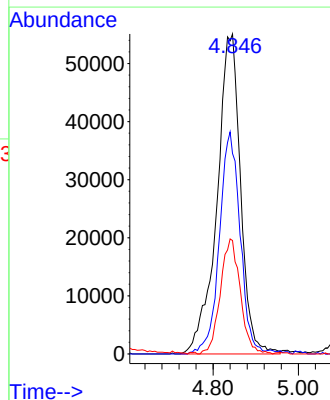
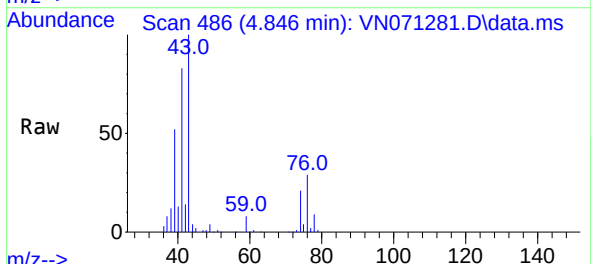
Manual Integrations
APPROVED

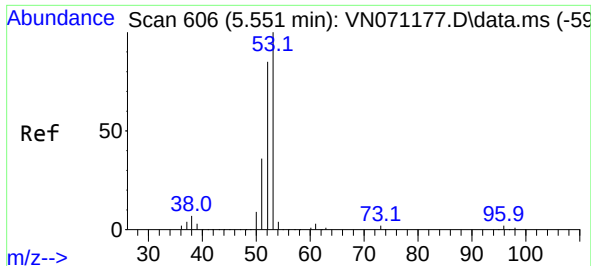
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#14
Allyl chloride
Concen: 15.542 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

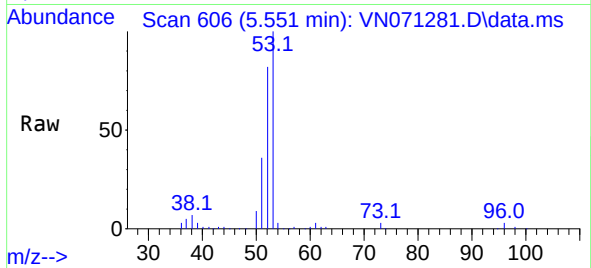
Tgt Ion: 41 Resp: 212708
Ion Ratio Lower Upper
41 100
39 60.7 61.2 91.8#
76 30.3 26.0 39.0





#15
Acrylonitrile
Concen: 82.853 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

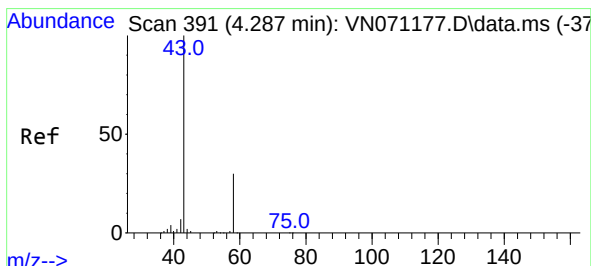
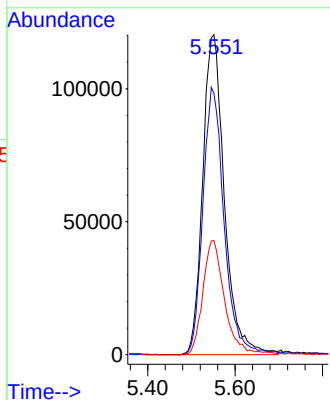
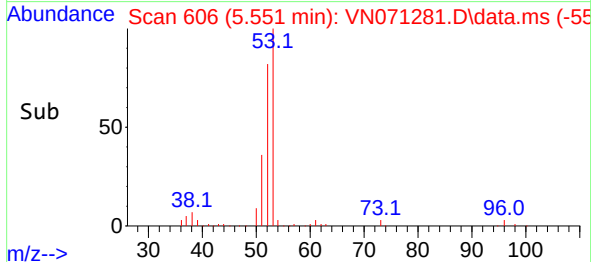
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



Tgt Ion: 53 Resp: 415748
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 35.9 29.6 44.4

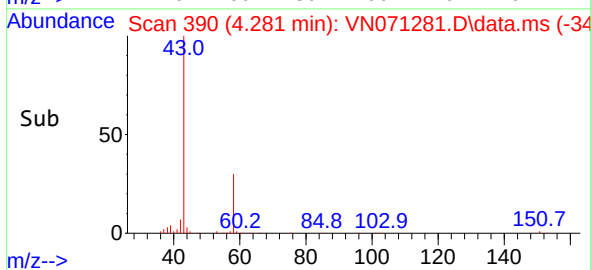
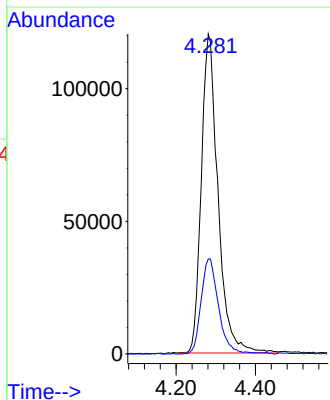
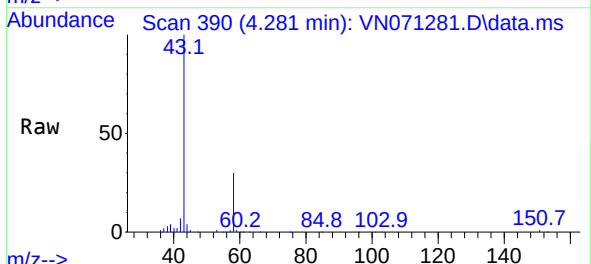
Manual Integrations
APPROVED

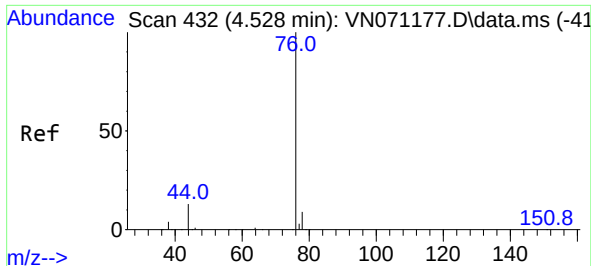
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 83.895 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

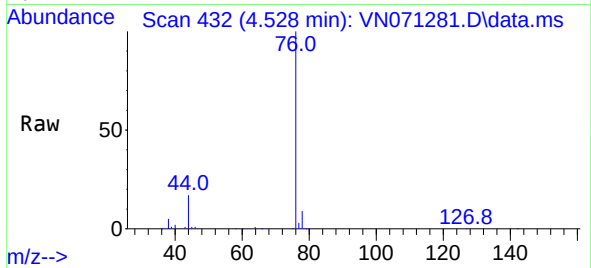
Tgt Ion: 43 Resp: 351157
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7





#17
Carbon Disulfide
Concen: 13.964 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

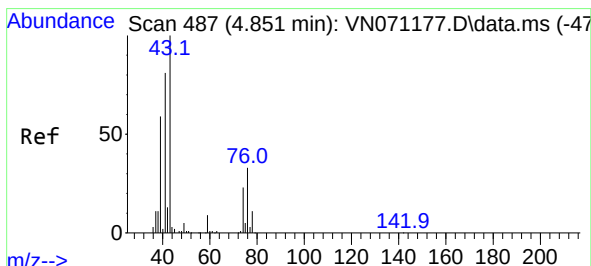
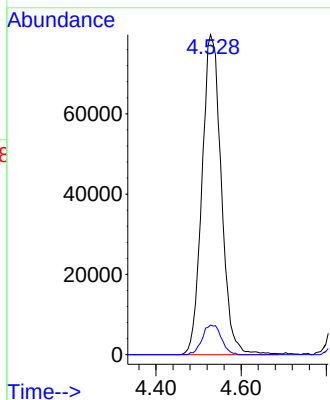
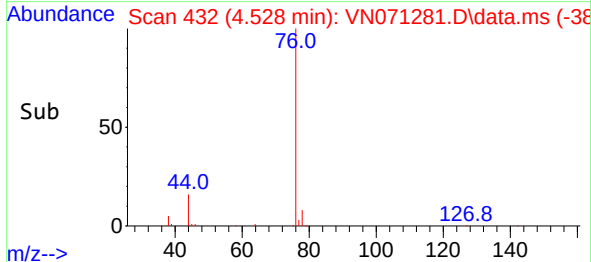
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



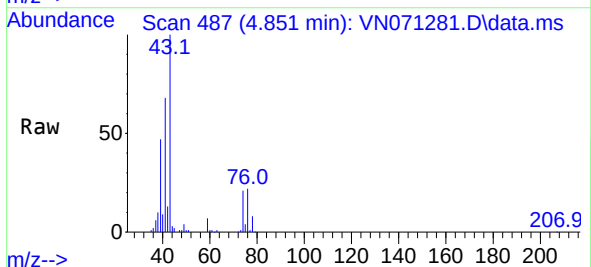
Tgt Ion: 76 Resp: 250160
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

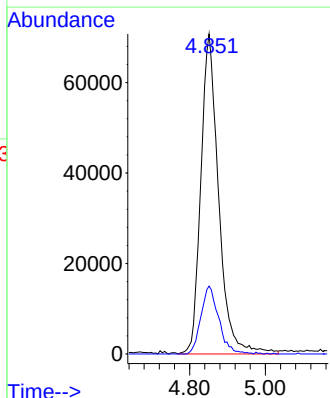
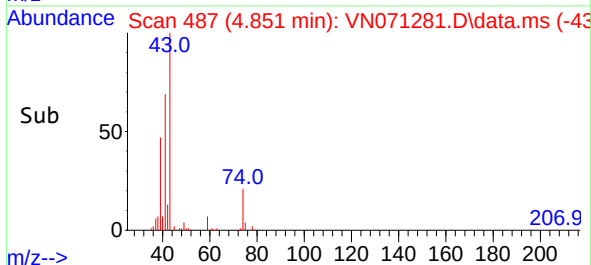
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

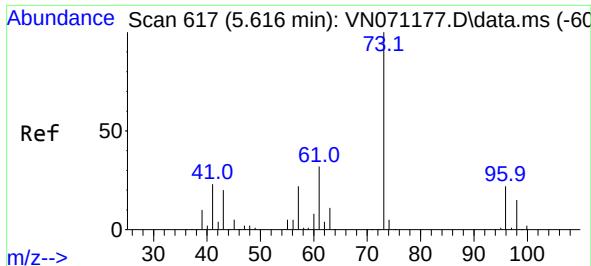


#18
Methyl Acetate
Concen: 20.842 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 43 Resp: 231179
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2





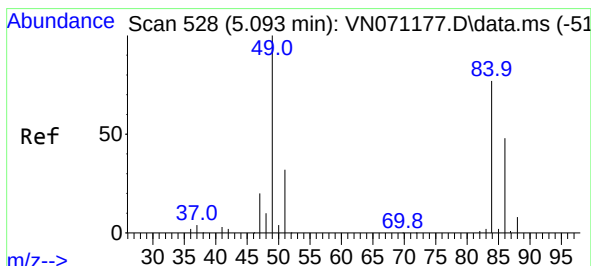
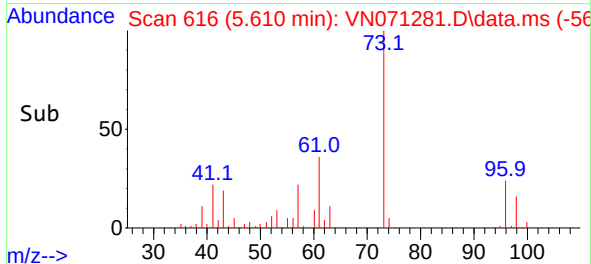
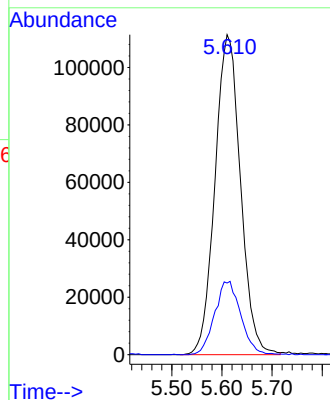
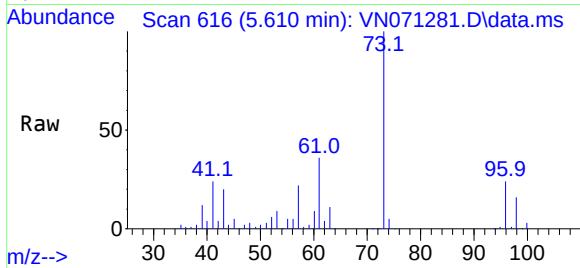
#19
Methyl tert-butyl Ether
Concen: 16.660 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 73 Resp: 393610
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

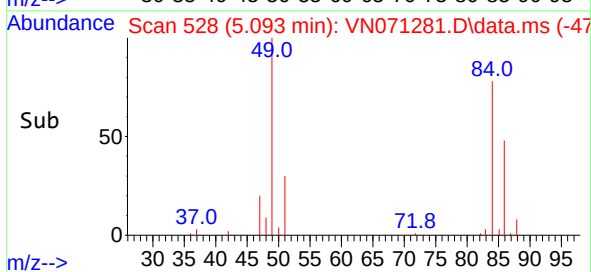
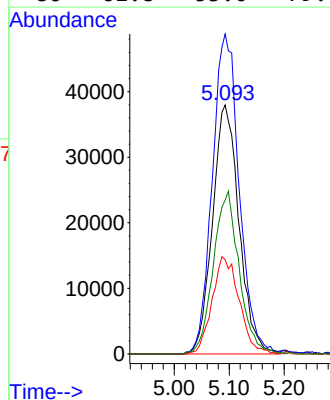
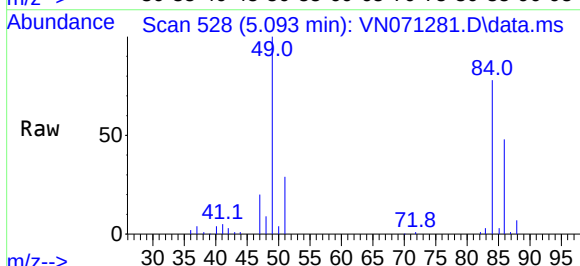
Manual Integrations
APPROVED

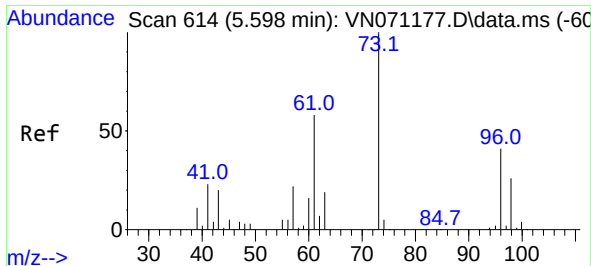
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 16.881 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

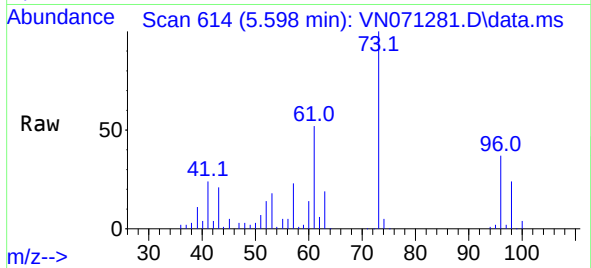
Tgt Ion: 84 Resp: 127188
Ion Ratio Lower Upper
84 100
49 128.5 93.5 140.3
51 37.9 29.4 44.2
86 61.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.623 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

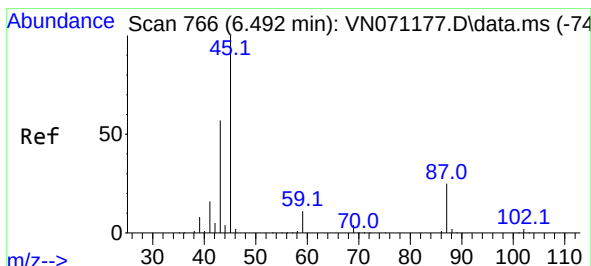
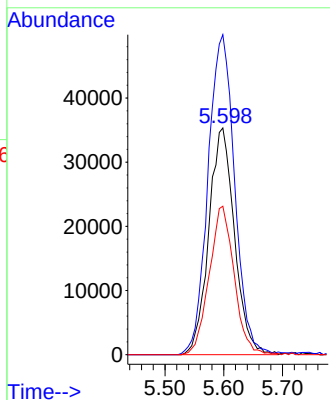
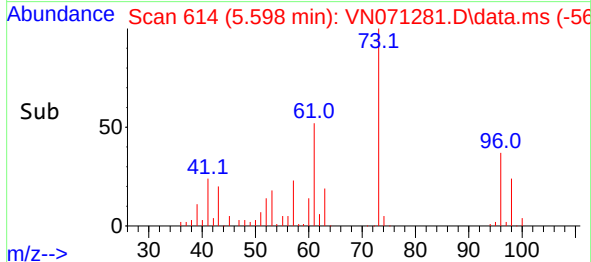
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



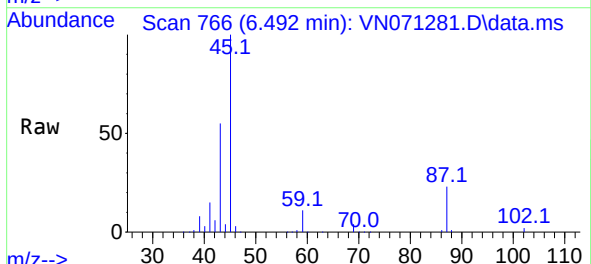
Tgt Ion: 96 Resp: 10753
Ion Ratio Lower Upper
96 100
61 141.2 105.8 158.6
98 65.5 52.0 78.0

Manual Integrations
APPROVED

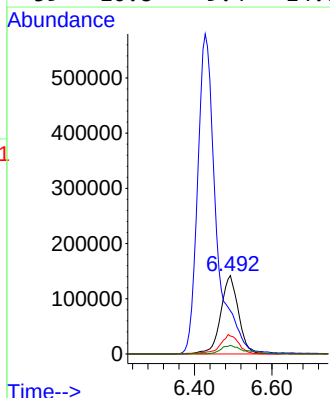
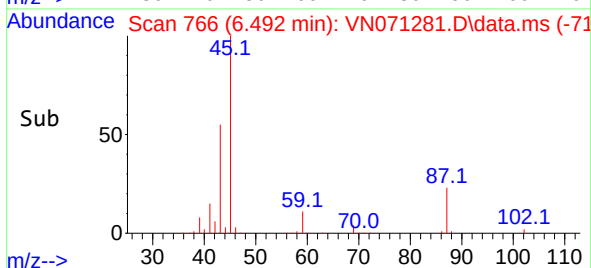
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

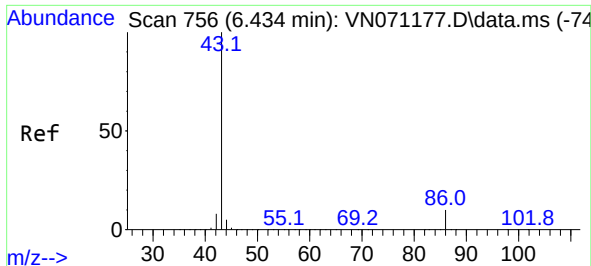


#22
Diisopropyl ether
Concen: 16.716 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



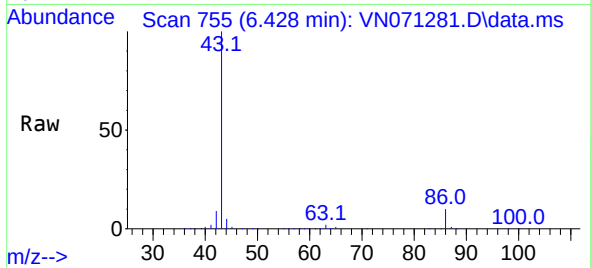
Tgt Ion: 45 Resp: 450722
Ion Ratio Lower Upper
45 100
43 54.7 51.7 77.5
87 22.7 23.2 34.8#
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 83.993 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15

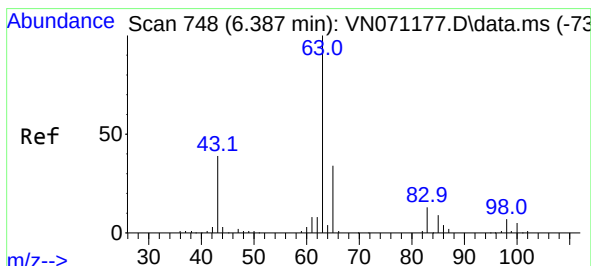
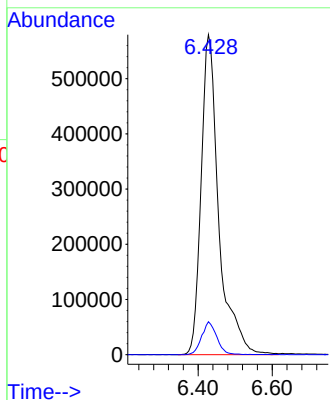
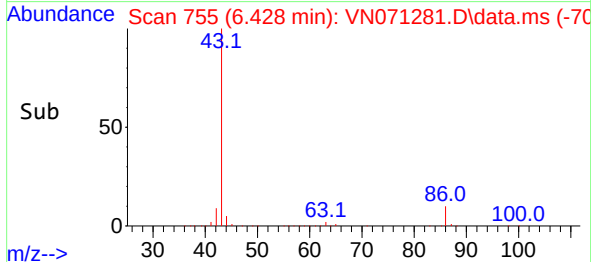
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS08



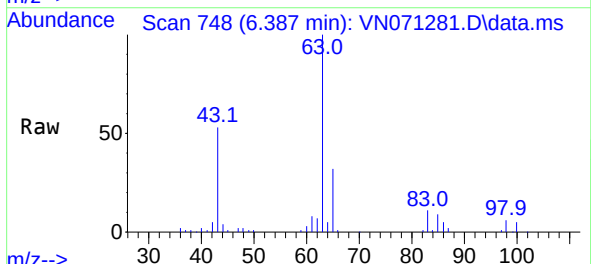
Tgt Ion: 43 Resp: 191726
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
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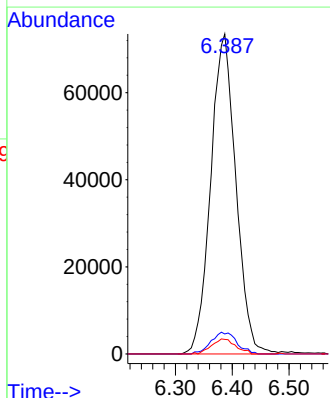
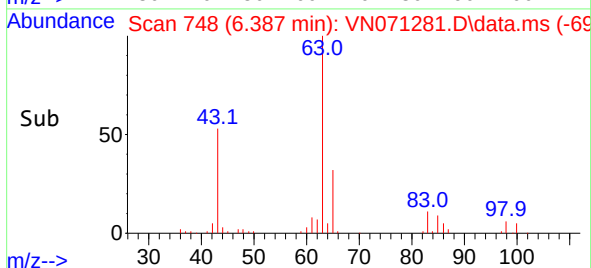
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022

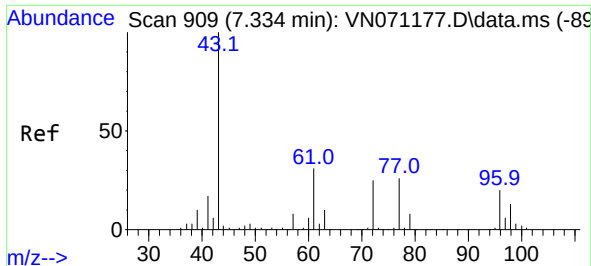


#24
 1,1-Dichloroethane
 Concen: 15.863 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15



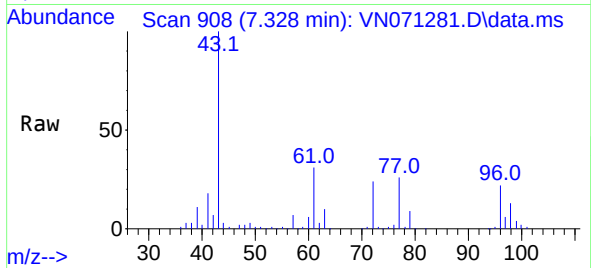
Tgt Ion: 63 Resp: 226014
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 85.968 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

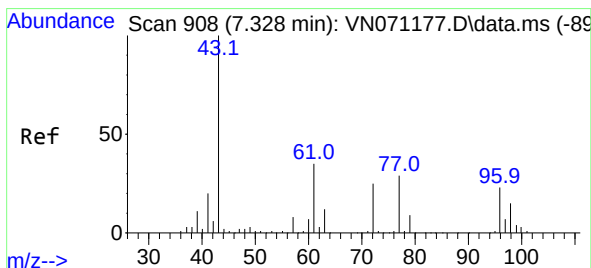
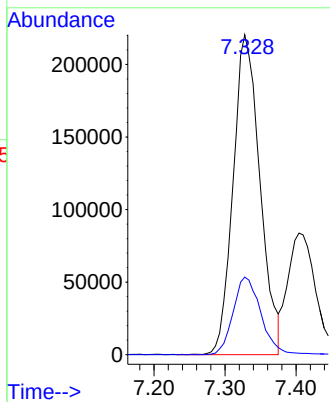
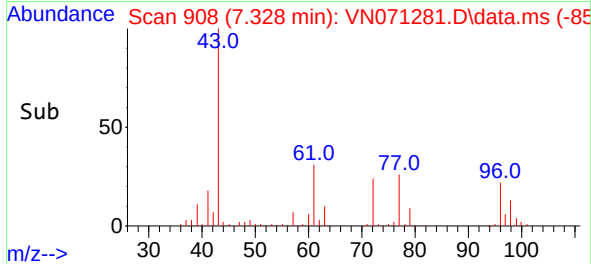
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



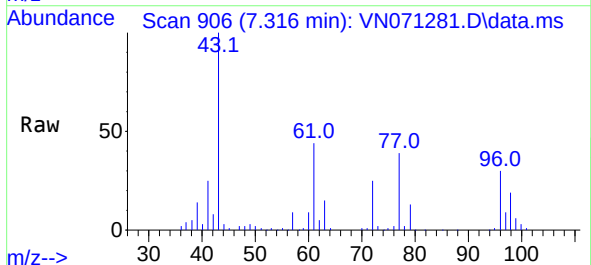
Tgt Ion: 43 Resp: 579652
Ion Ratio Lower Upper
43 100
72 24.3 21.7 32.5

Manual Integrations
APPROVED

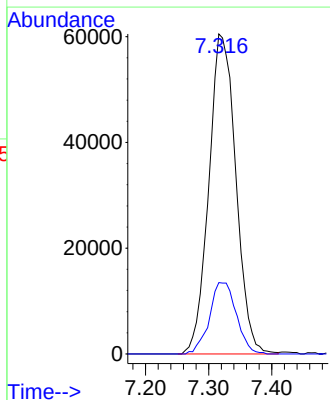
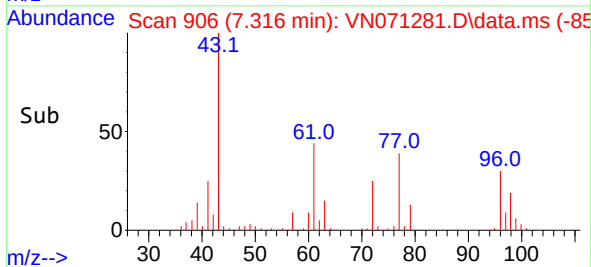
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

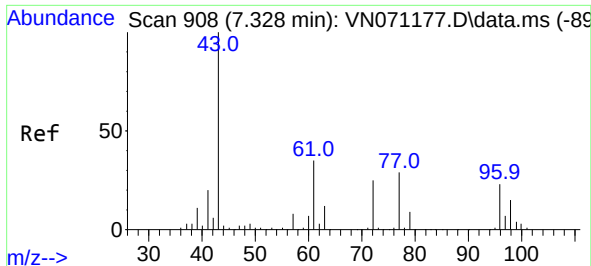


#26
2,2-Dichloropropane
Concen: 16.369 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



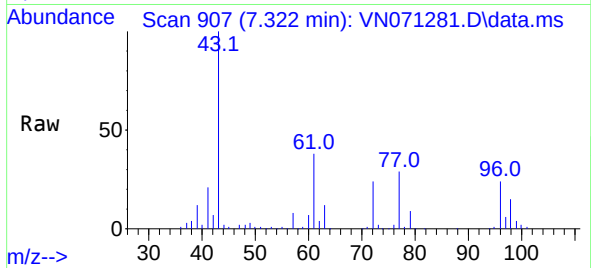
Tgt Ion: 77 Resp: 179920
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 16.128 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

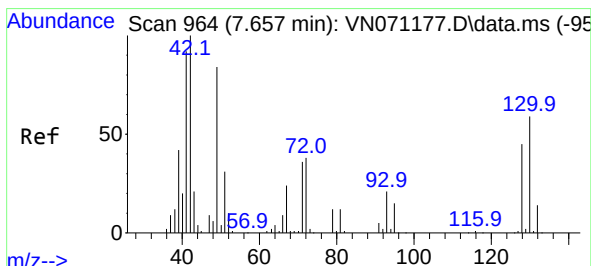
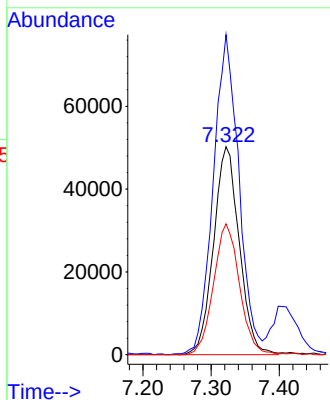
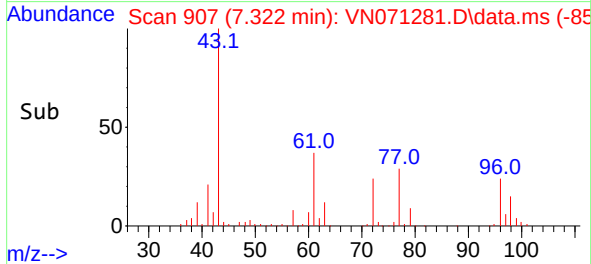
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



Tgt Ion: 96 Resp: 131750
Ion Ratio Lower Upper
96 100
61 153.5 0.0 275.0
98 63.7 0.0 129.6

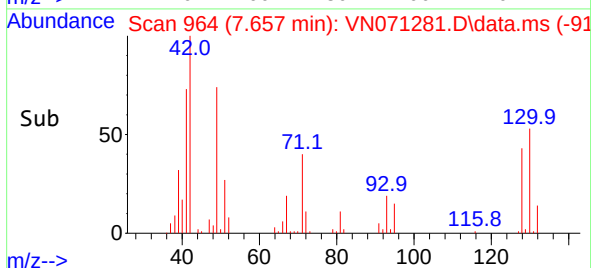
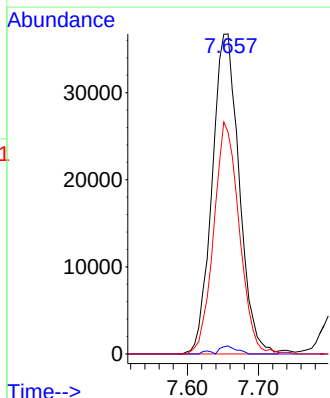
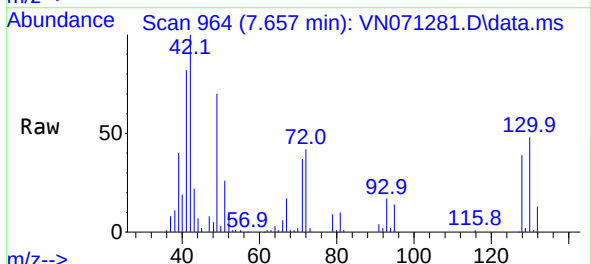
Manual Integrations
APPROVED

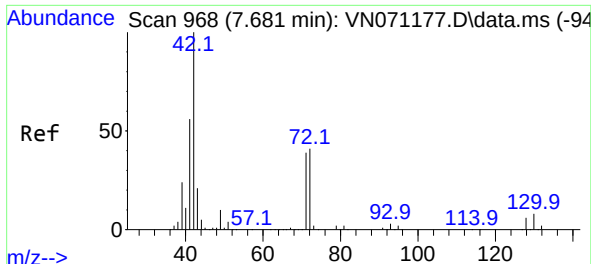
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#28
Bromochloromethane
Concen: 15.298 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Tgt Ion: 49 Resp: 97064
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 68.5 67.8 101.8





#29

Tetrahydrofuran

Concen: 84.999 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS08

Tgt Ion: 42 Resp: 39704

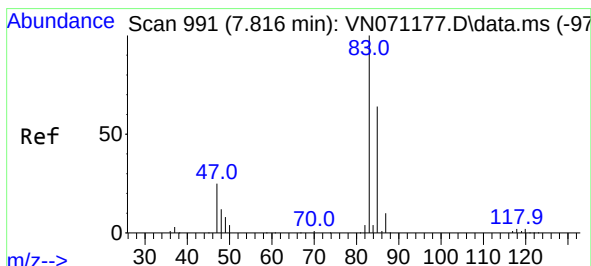
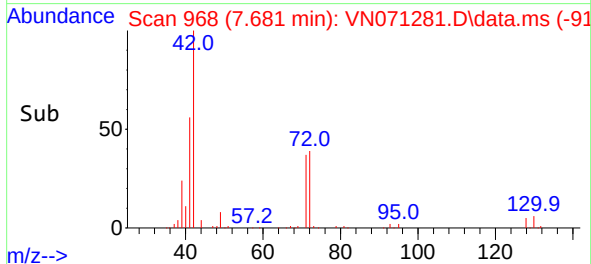
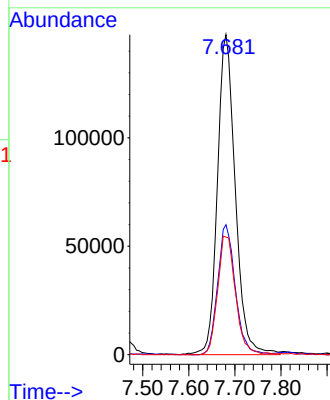
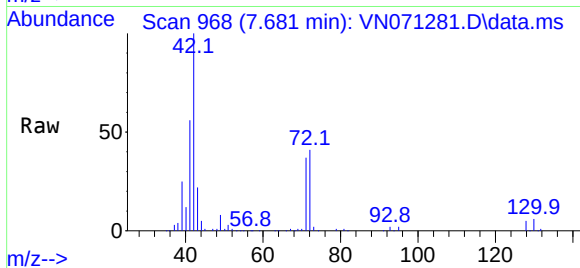
Ion	Ratio	Lower	Upper
42	100		
72	40.0	36.3	54.5
71	36.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 16.565 ug/l

RT: 7.816 min Scan# 991

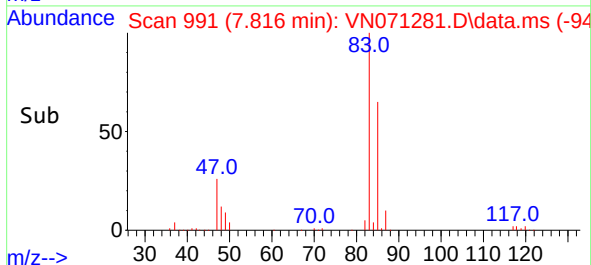
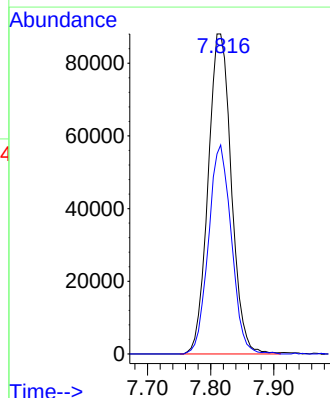
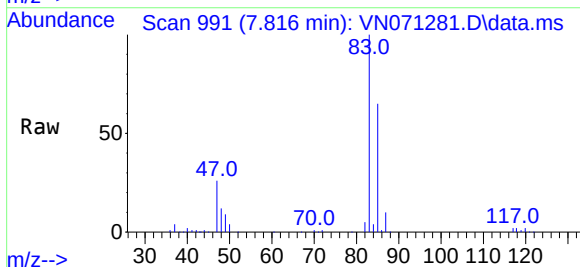
Delta R.T. 0.000 min

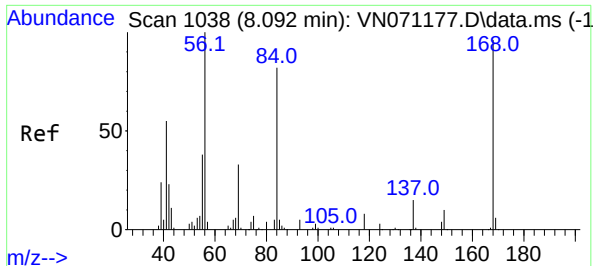
Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

Tgt Ion: 83 Resp: 225101

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 15.563 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS08

Tgt Ion: 56 Resp: 21380

Ion Ratio Lower Upper

56 100

69 38.0 27.1 40.7

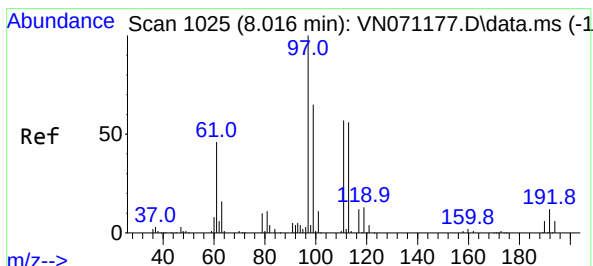
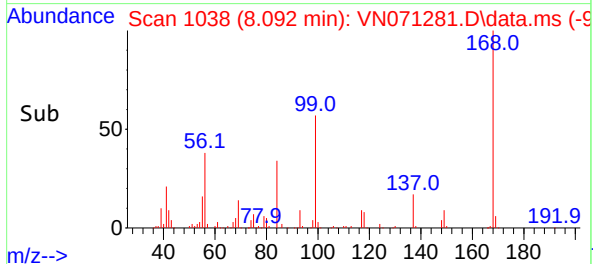
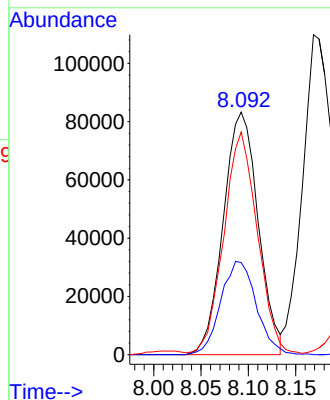
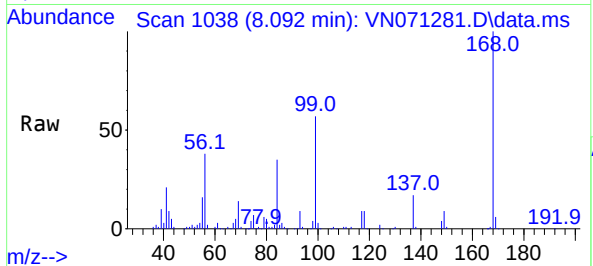
84 90.6 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#32

1,1,1-Trichloroethane

Concen: 16.623 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

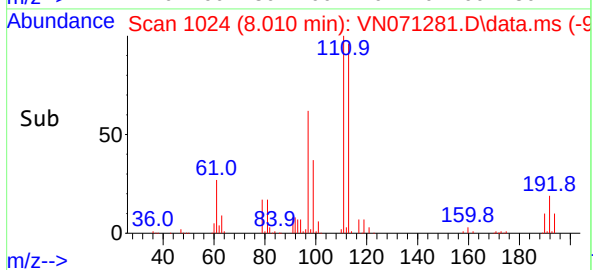
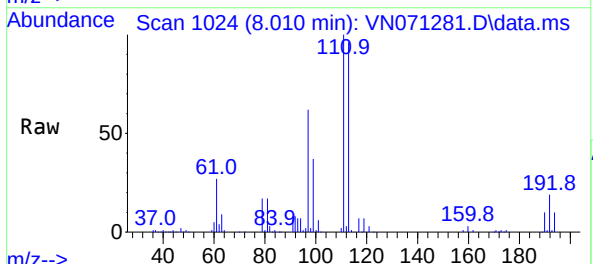
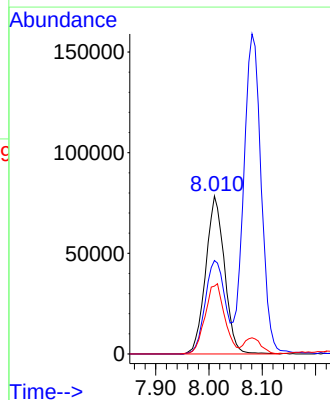
Tgt Ion: 97 Resp: 192422

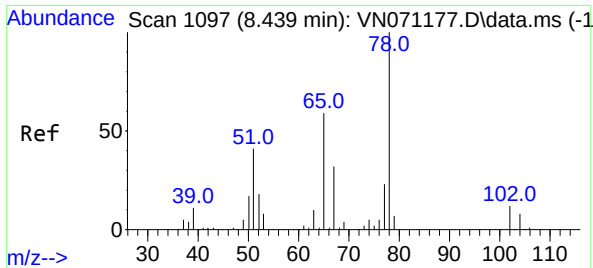
Ion Ratio Lower Upper

97 100

99 61.3 50.1 75.1

61 46.7 35.2 52.8





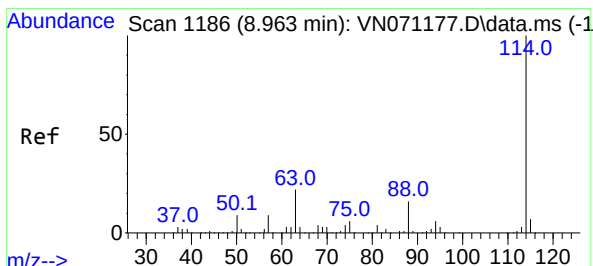
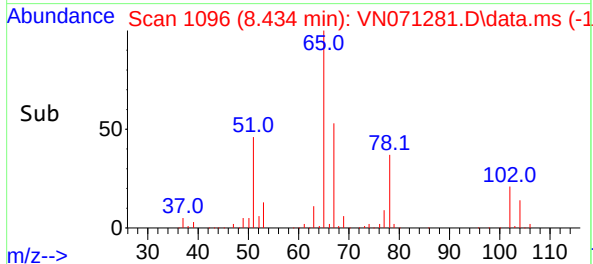
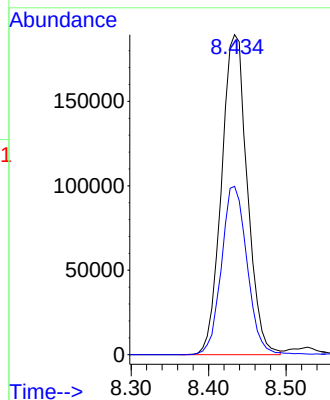
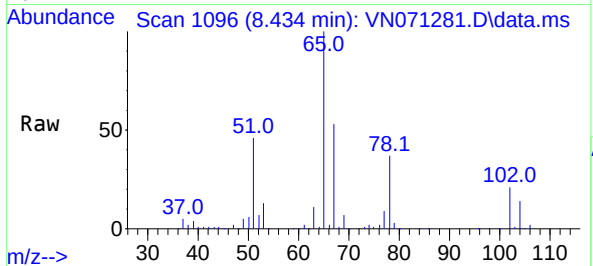
#33
1,2-Dichloroethane-d4
Concen: 50.924 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 65 Resp: 438074
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

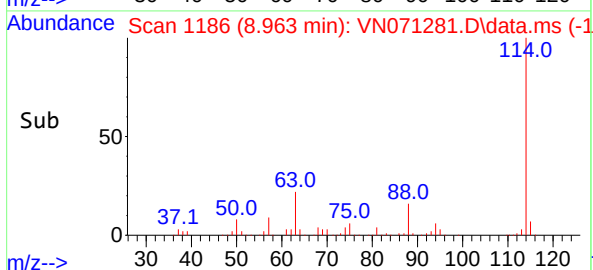
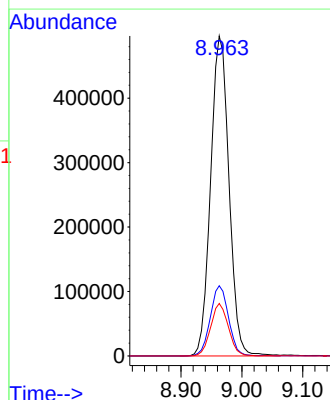
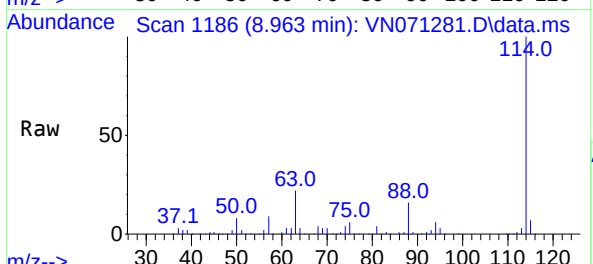
Manual Integrations
APPROVED

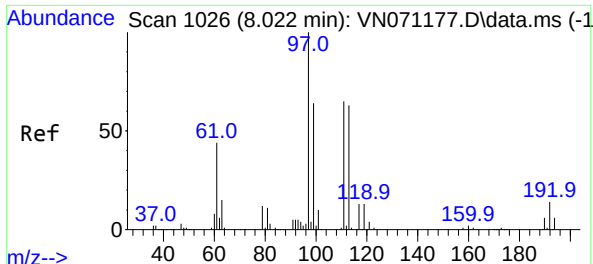
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

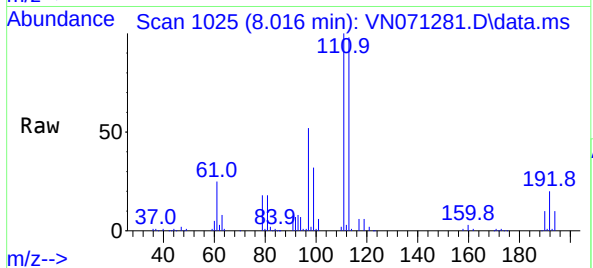
Tgt Ion:114 Resp: 1040945
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.994 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

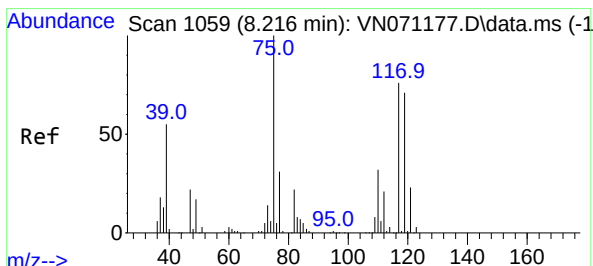
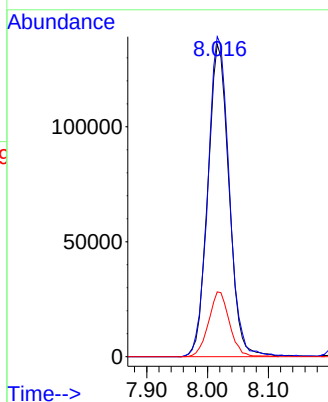
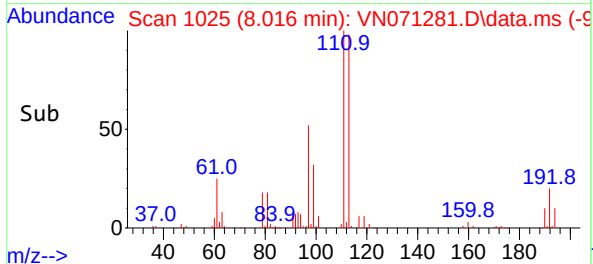
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



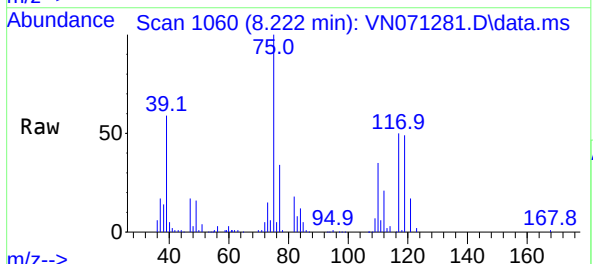
Tgt Ion: 113 Resp: 328394
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.5 16.9 25.3

Manual Integrations
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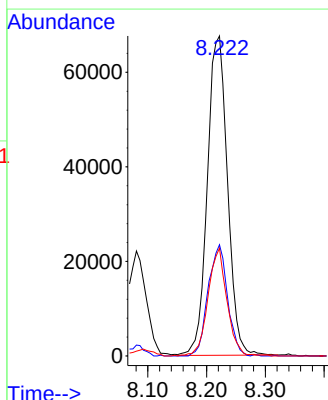
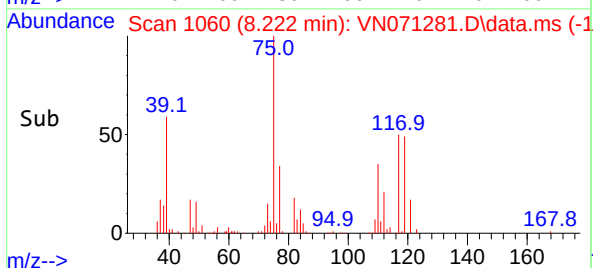
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

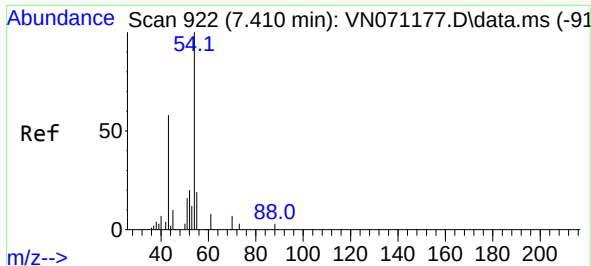


#36
1,1-Dichloropropene
Concen: 15.297 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



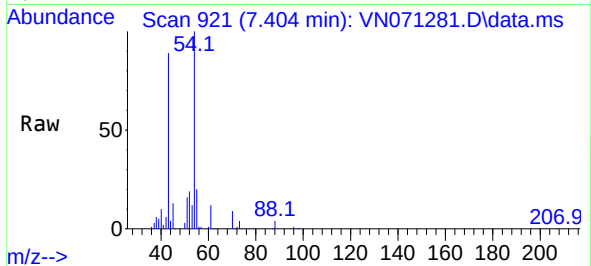
Tgt Ion: 75 Resp: 160991
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 31.8 24.4 36.6





#37
Ethyl Acetate
Concen: 16.015 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

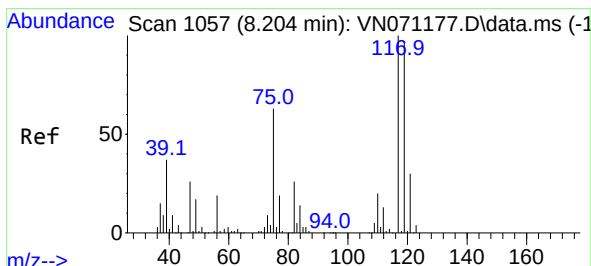
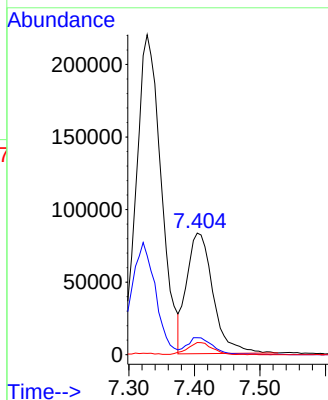
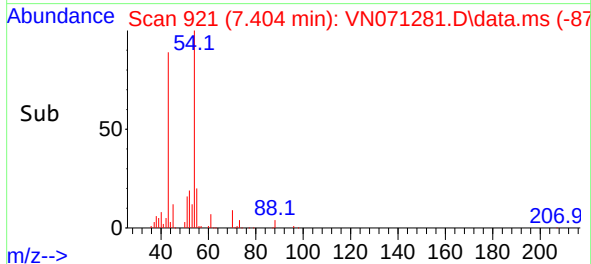
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



Tgt Ion: 43 Resp: 23197
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.4 7.9 11.9

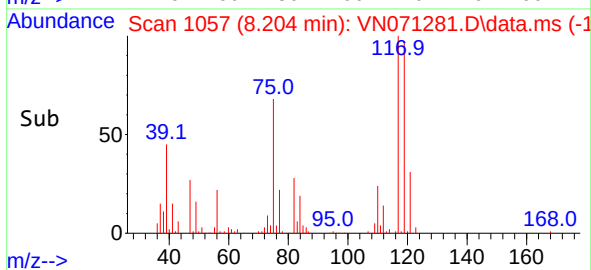
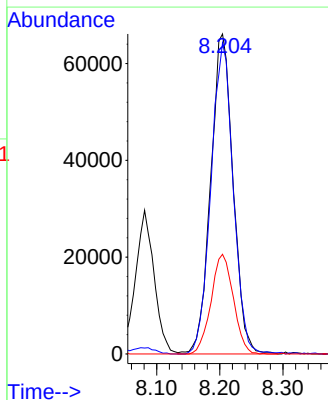
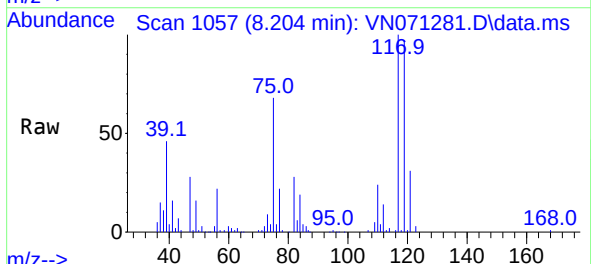
Manual Integrations
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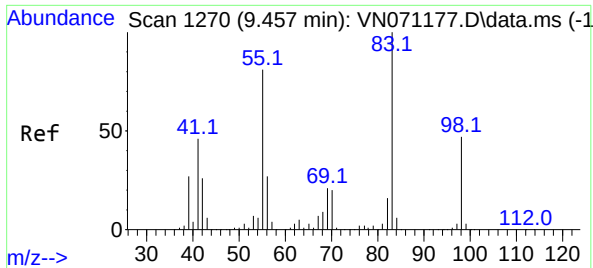
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#38
Carbon Tetrachloride
Concen: 15.995 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

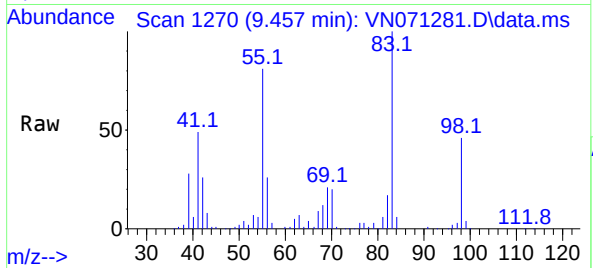
Tgt Ion:117 Resp: 162824
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 15.299 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

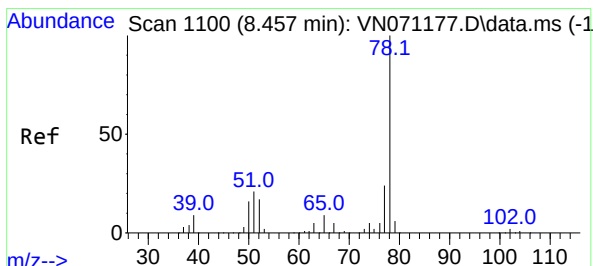
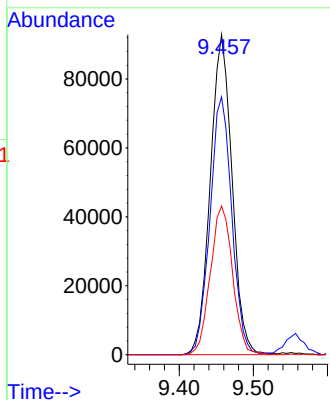
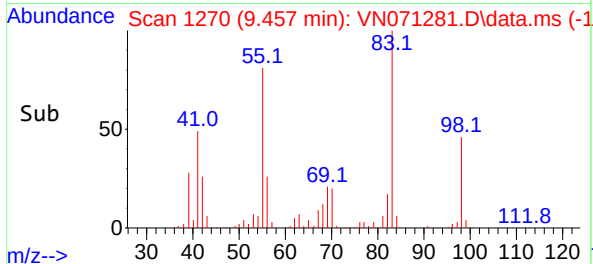
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



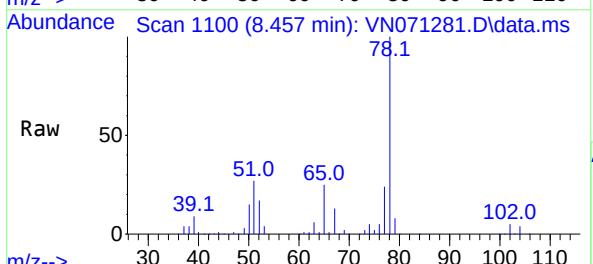
Tgt Ion: 83 Resp: 189418
Ion Ratio Lower Upper
83 100
55 80.5 58.1 87.1
98 46.4 38.4 57.6

Manual Integrations
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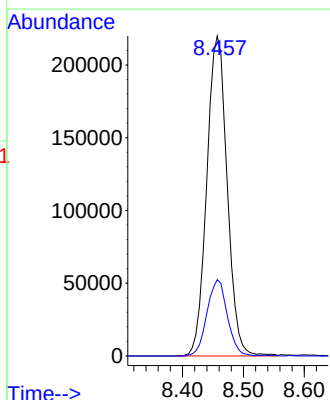
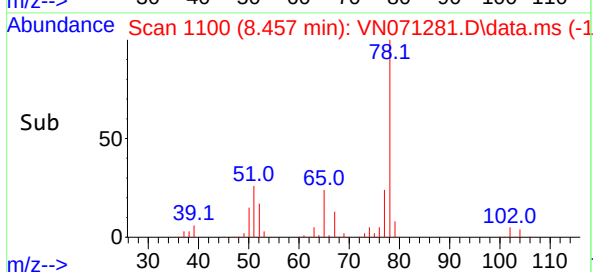
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

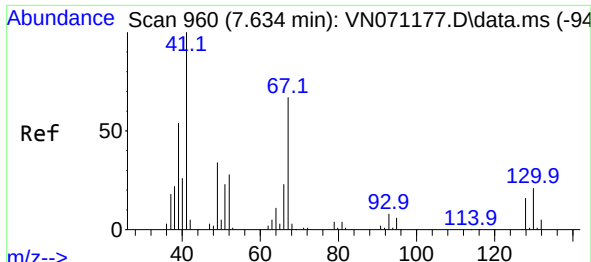


#40
Benzene
Concen: 16.146 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



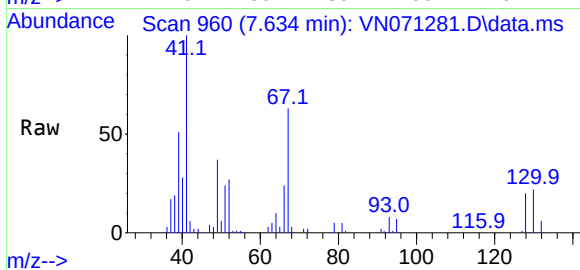
Tgt Ion: 78 Resp: 511997
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 17.075 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

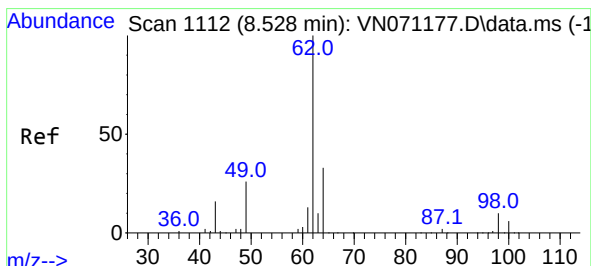
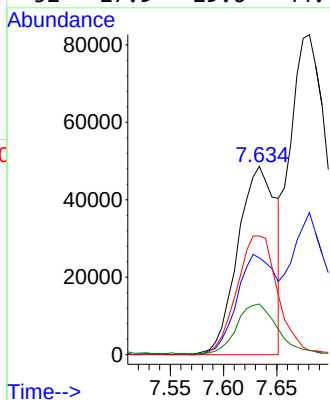
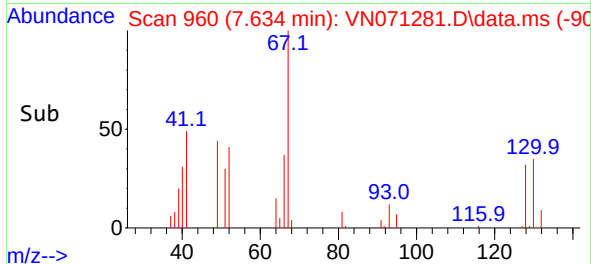
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



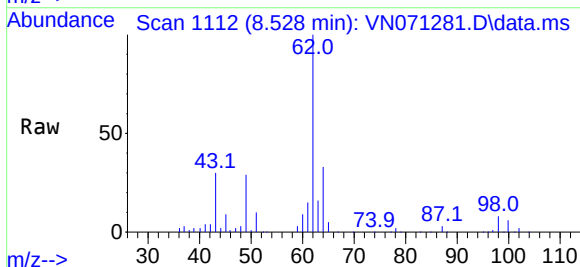
Tgt Ion: 41 Resp: 121035
Ion Ratio Lower Upper
41 100
39 53.2 48.1 72.1
67 68.4 68.3 102.5
52 27.9 29.6 44.4#

Manual Integrations
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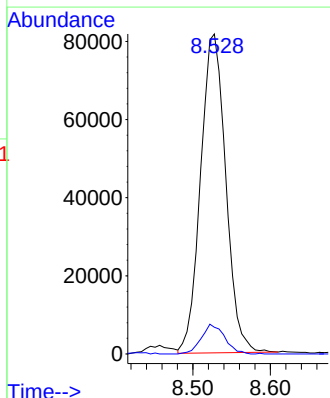
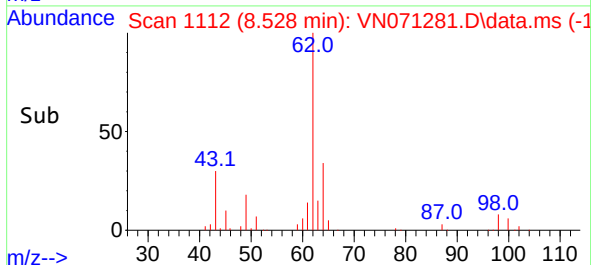
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

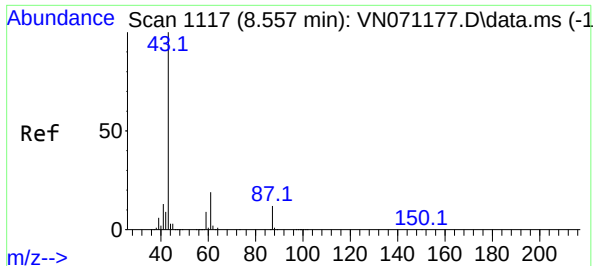


#42
1,2-Dichloroethane
Concen: 16.721 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



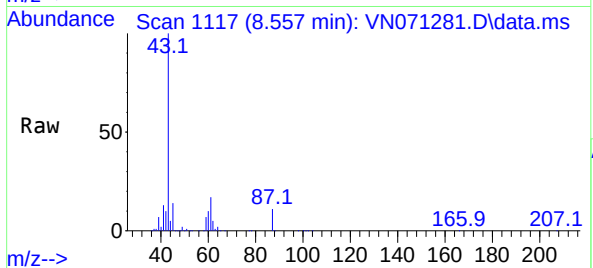
Tgt Ion: 62 Resp: 184508
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.206 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

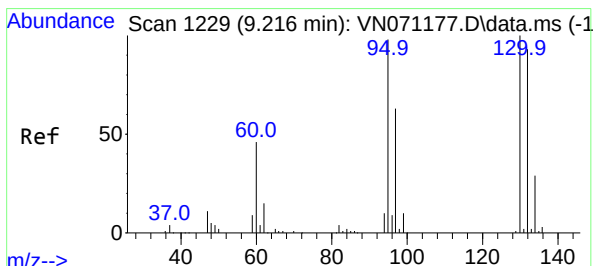
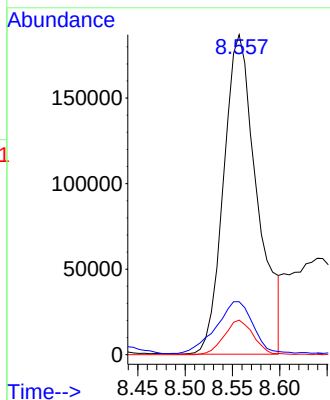
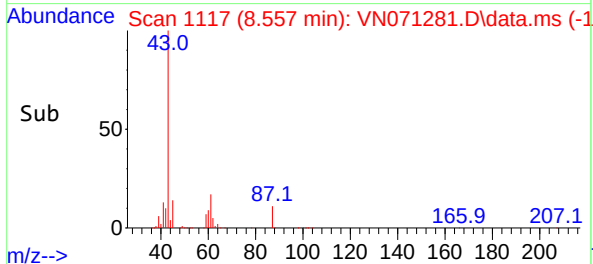
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



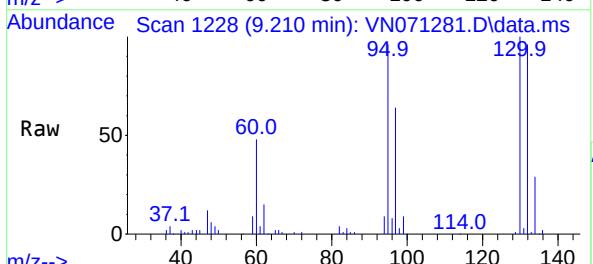
Tgt Ion: 43 Resp: 459319
Ion Ratio Lower Upper
43 100
61 18.3 20.4 30.6
87 9.5 11.2 16.8

Manual Integrations
APPROVED

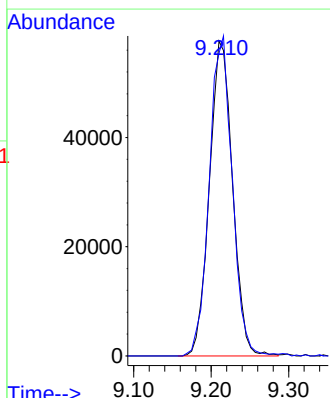
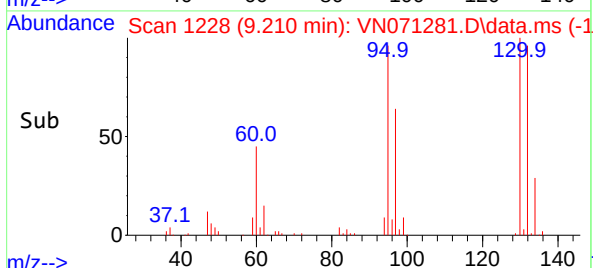
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

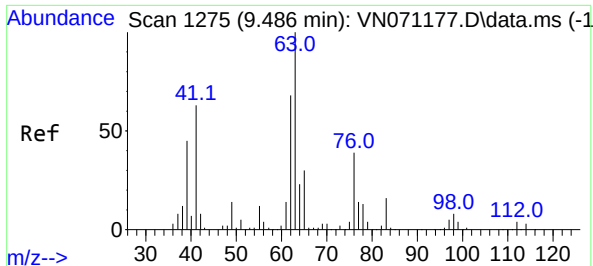


#44
Trichloroethene
Concen: 15.983 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion:130 Resp: 119584
Ion Ratio Lower Upper
130 100
95 96.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 16.130 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS08

Tgt Ion: 63 Resp: 137300

Ion Ratio Lower Upper

63 100

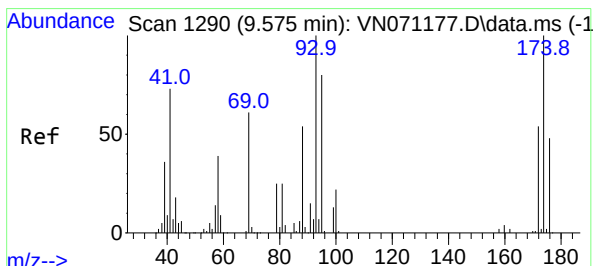
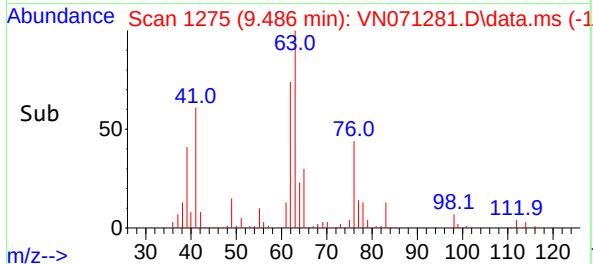
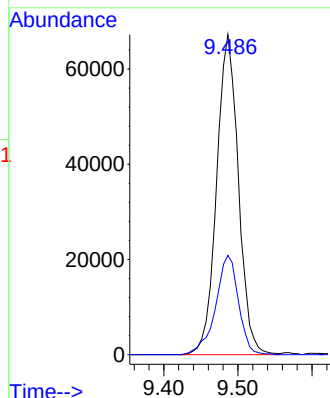
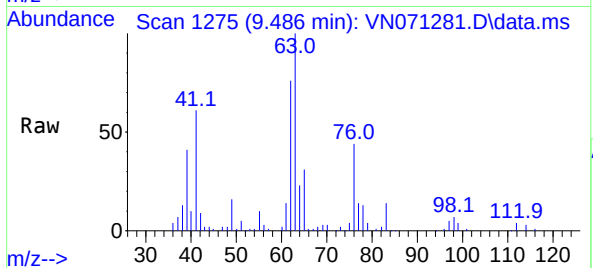
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 16.096 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071281.D

Acq: 14 Mar 2022 21:15

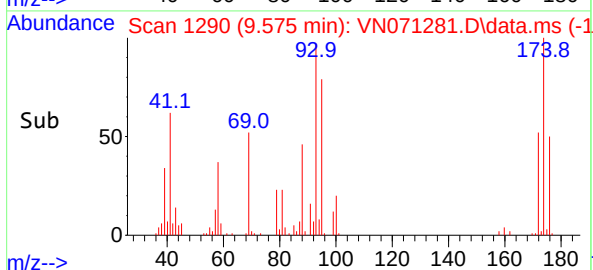
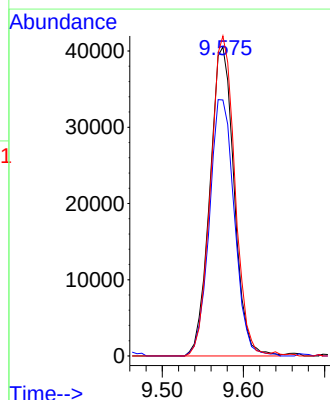
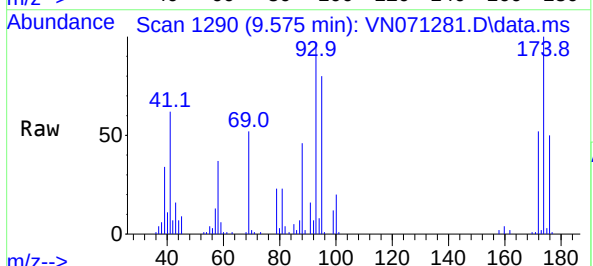
Tgt Ion: 93 Resp: 84332

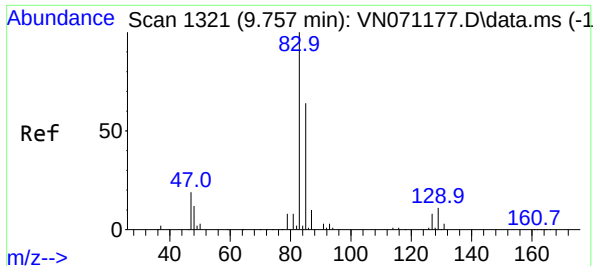
Ion Ratio Lower Upper

93 100

95 85.3 65.9 98.9

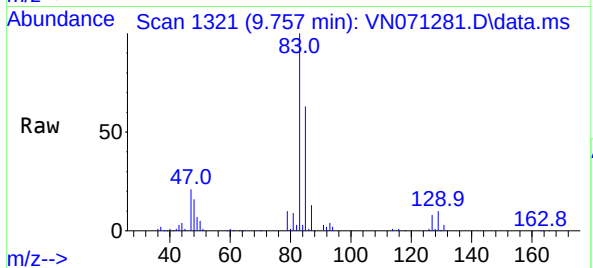
174 103.5 84.6 127.0





#47
Bromodichloromethane
Concen: 16.201 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

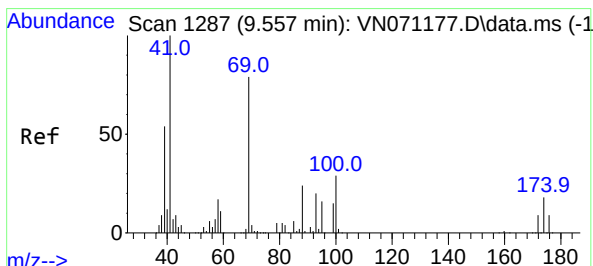
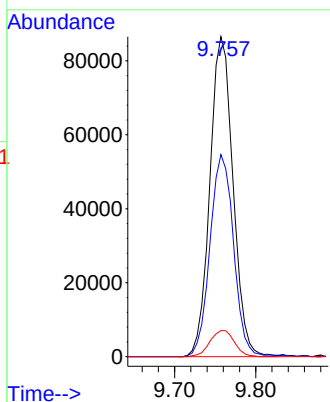
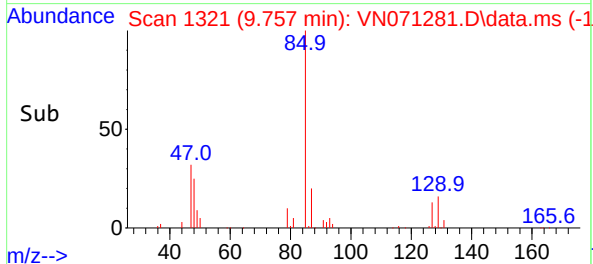
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



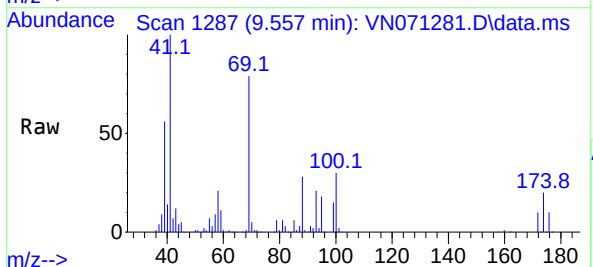
Tgt Ion: 83 Resp: 171532
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

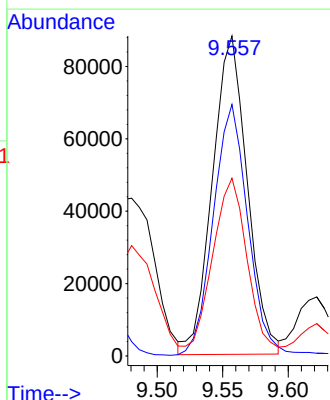
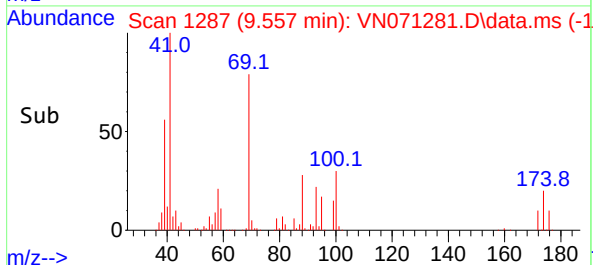
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

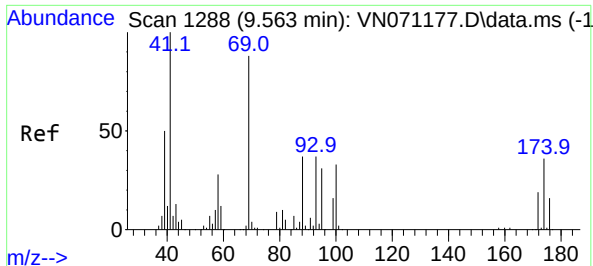


#48
Methyl methacrylate
Concen: 16.178 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



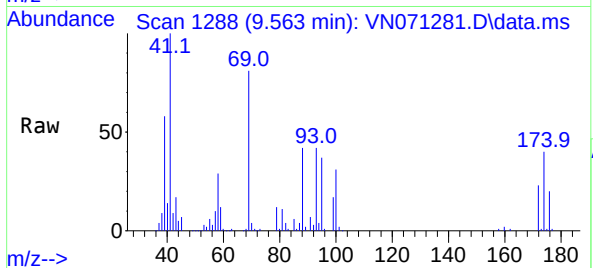
Tgt Ion: 41 Resp: 162392
Ion Ratio Lower Upper
41 100
69 80.3 72.4 108.6
39 55.6 58.4 87.6#





#49
1,4-Dioxane
Concen: 345.164 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

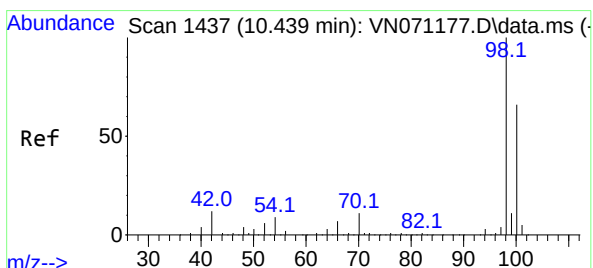
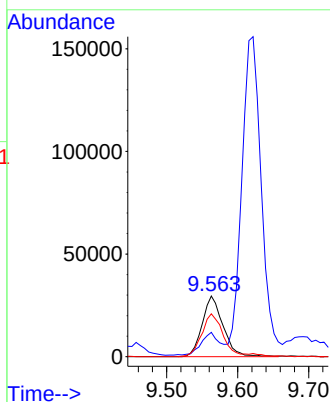
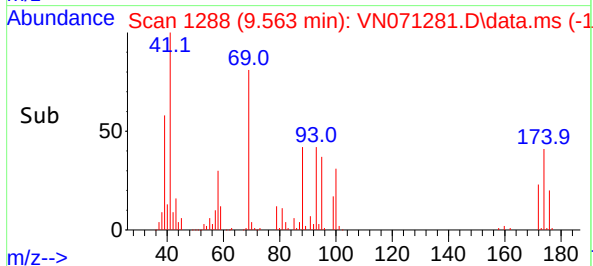
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



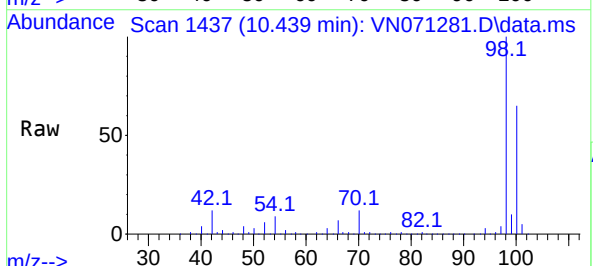
Tgt Ion: 88 Resp: 60220
Ion Ratio Lower Upper
88 100
43 32.9 23.4 35.2
58 72.2 50.6 75.8

Manual Integrations
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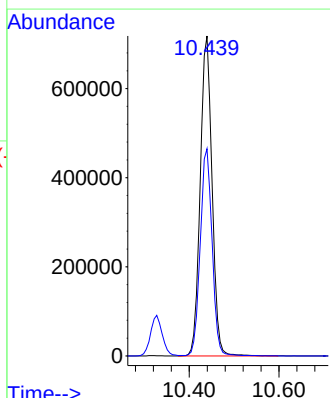
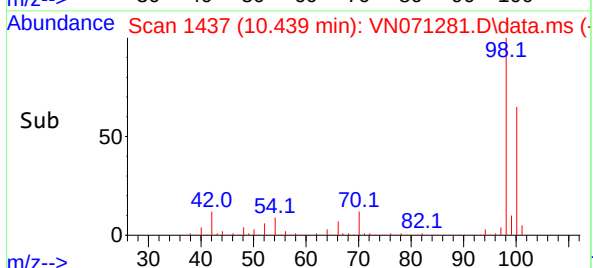
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

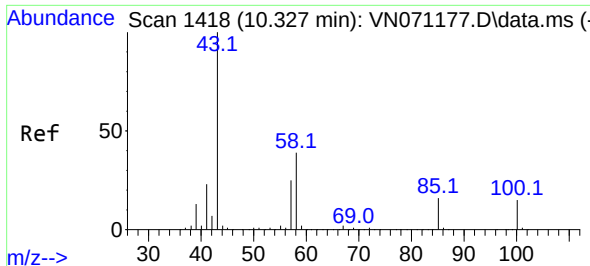


#50
Toluene-d8
Concen: 49.578 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



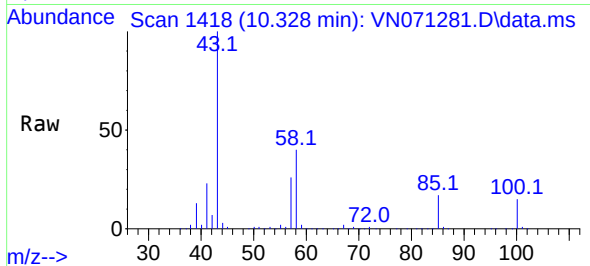
Tgt Ion: 98 Resp: 1311220
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 83.959 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

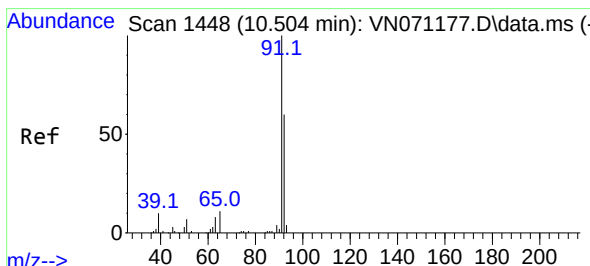
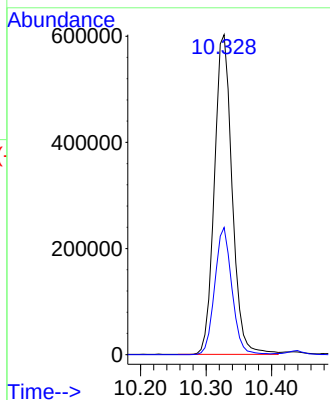
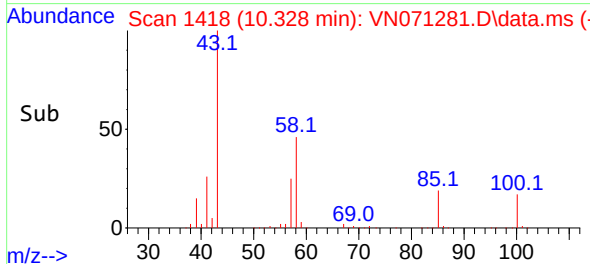
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



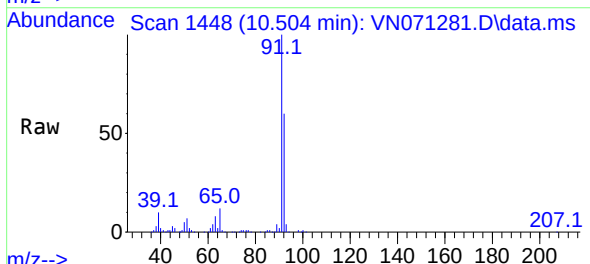
Tgt Ion: 43 Resp: 112861
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

Manual Integrations
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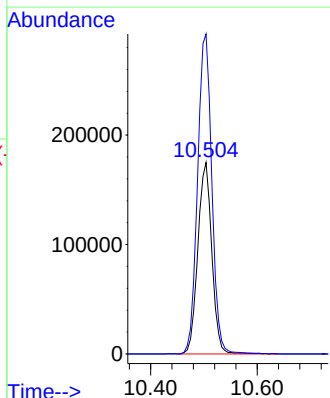
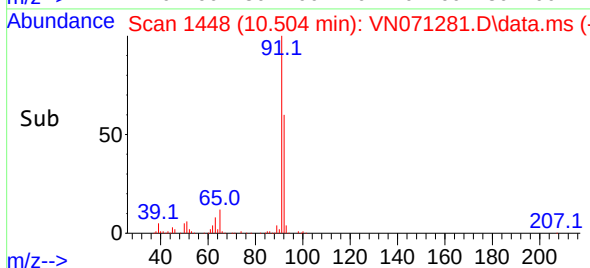
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

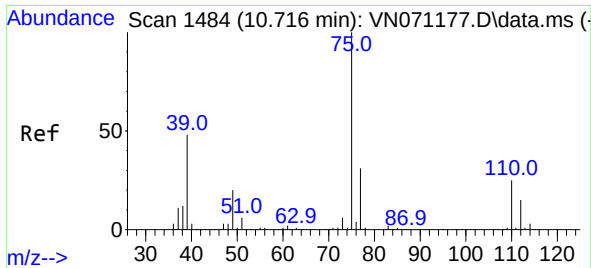


#52
Toluene
Concen: 16.328 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 92 Resp: 318817
Ion Ratio Lower Upper
92 100
91 170.3 142.0 213.0





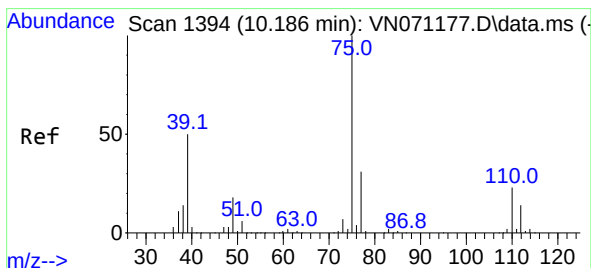
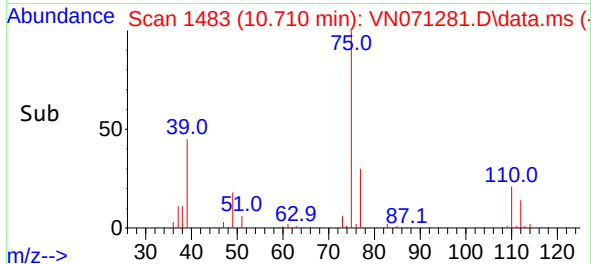
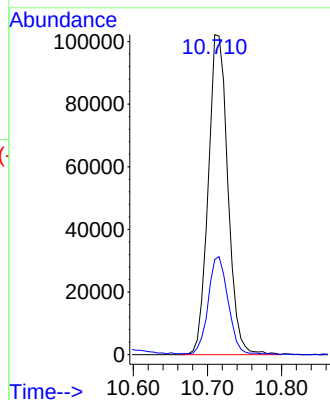
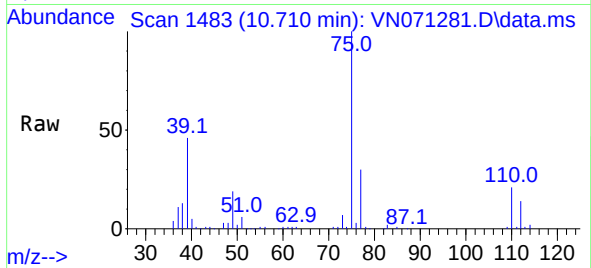
#53
 t-1,3-Dichloropropene
 Concen: 16.104 ug/l
 RT: 10.710 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS08

Tgt Ion: 75 Resp: 18796
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.6 38.4

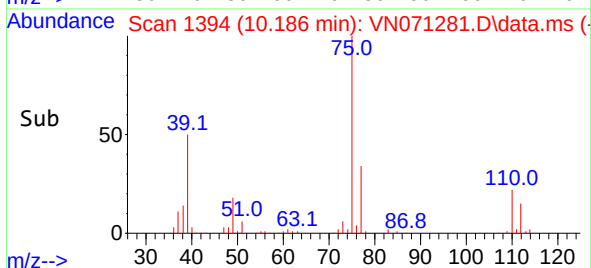
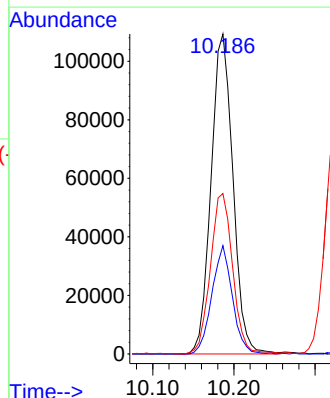
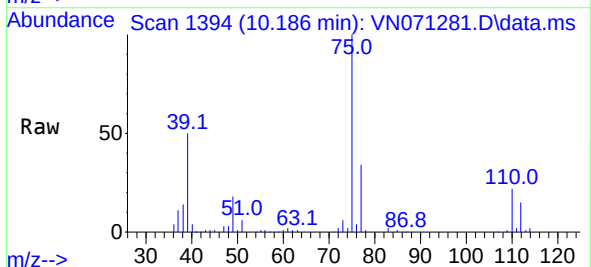
Manual Integrations
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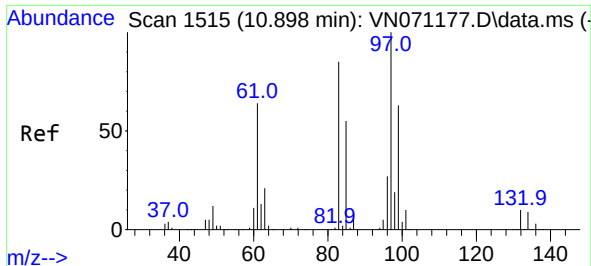
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 16.016 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15

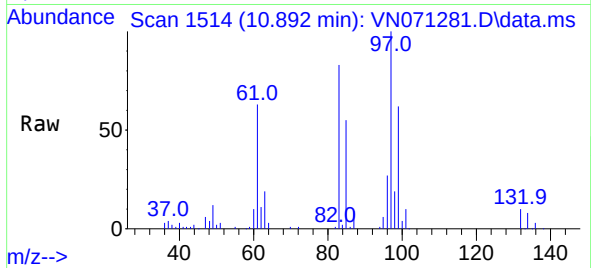
Tgt Ion: 75 Resp: 204250
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.4 39.6
 39 50.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 16.148 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

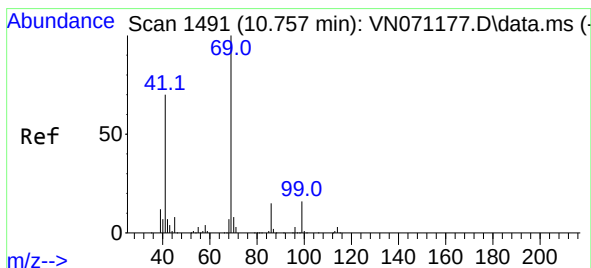
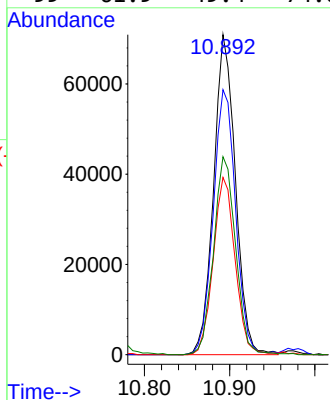
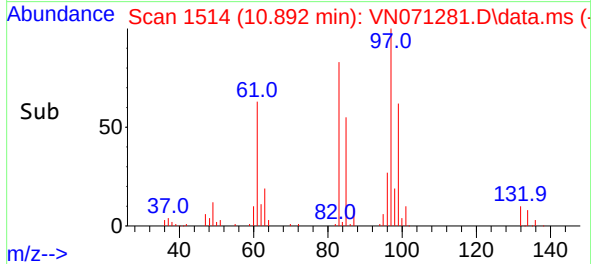


Tgt Ion: 97 Resp: 126348

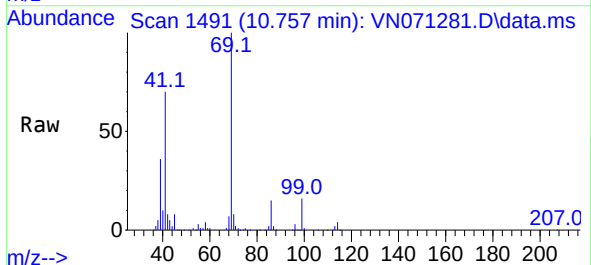
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.6
85	55.4	45.4	68.2
99	61.9	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

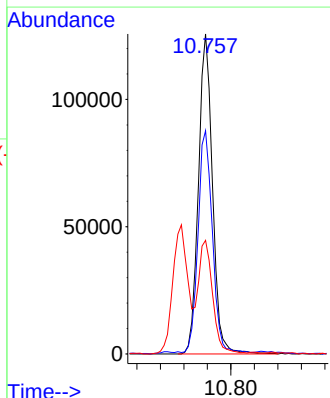
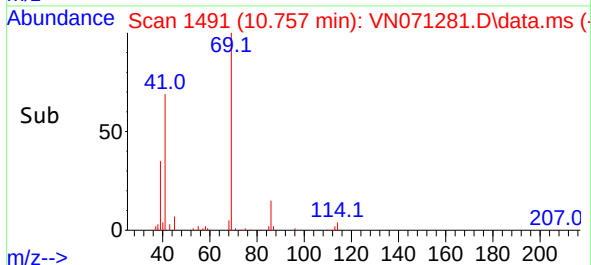


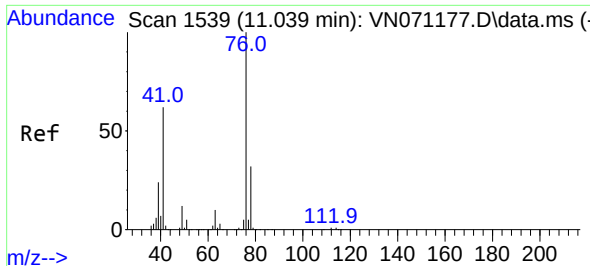
#56
Ethyl methacrylate
Concen: 16.318 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 69 Resp: 208501

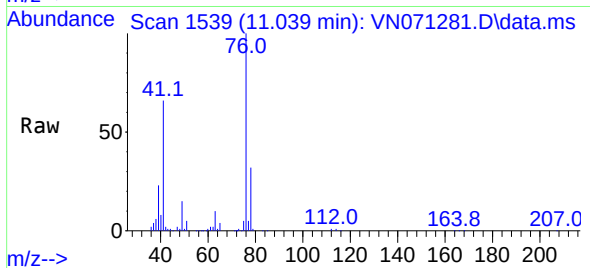
Ion	Ratio	Lower	Upper
69	100		
41	70.3	51.4	77.0
39	36.8	34.6	52.0





#57
1,3-Dichloropropane
Concen: 16.024 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

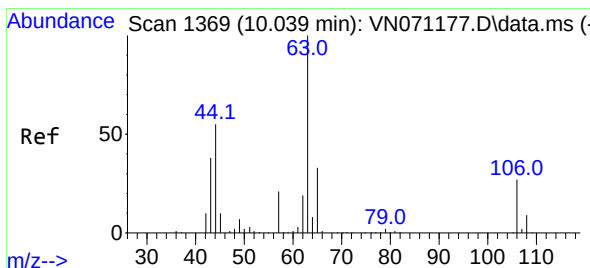
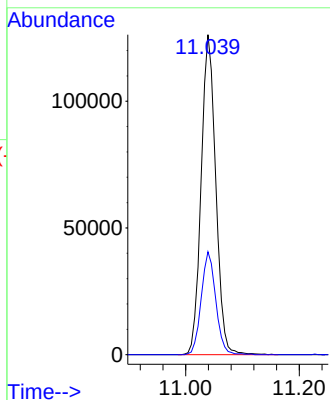
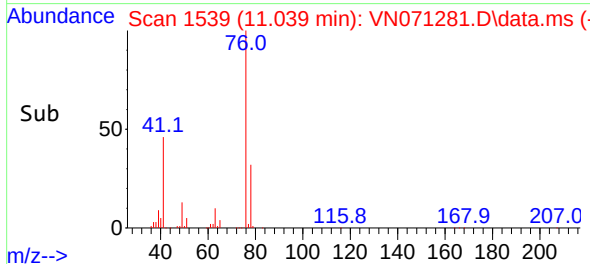
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



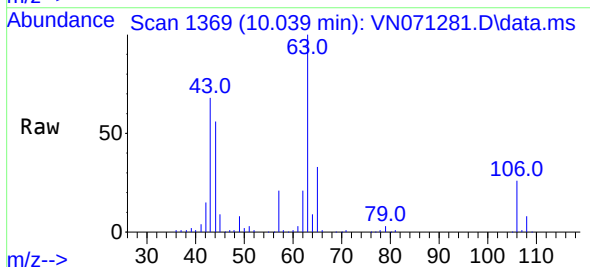
Tgt Ion: 76 Resp: 225040
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

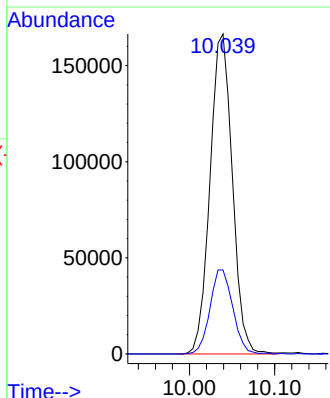
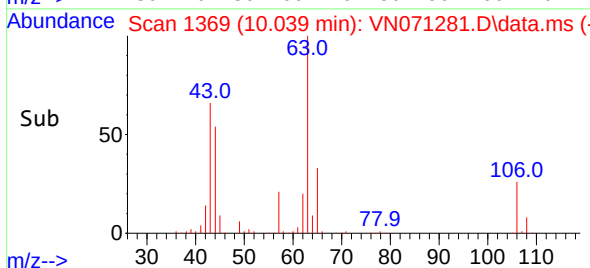
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

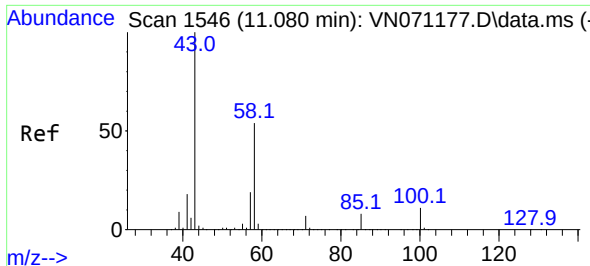


#58
2-Chloroethyl Vinyl ether
Concen: 128.059 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



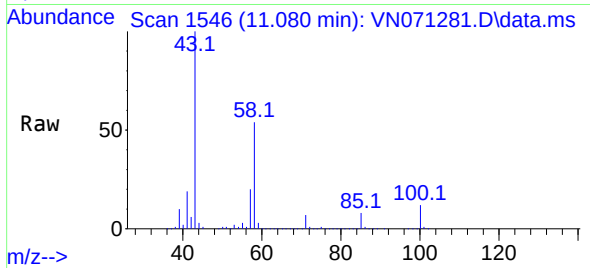
Tgt Ion: 63 Resp: 302713
Ion Ratio Lower Upper
63 100
106 26.9 23.9 35.9





#59
2-Hexanone
Concen: 89.400 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

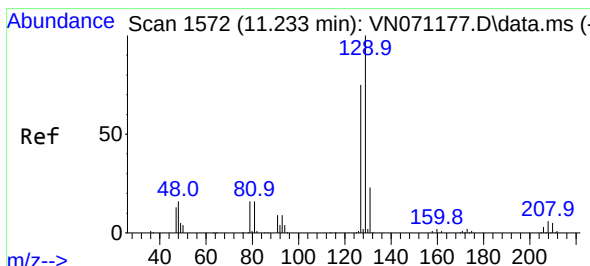
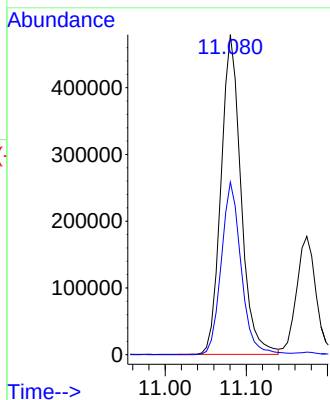
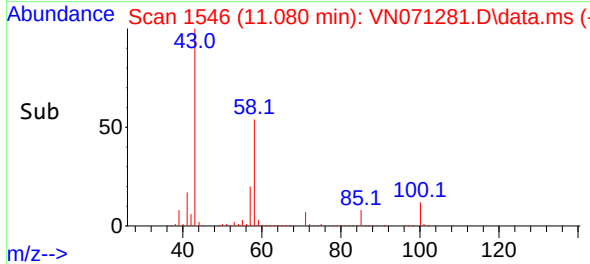
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



Tgt Ion: 43 Resp: 81996
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

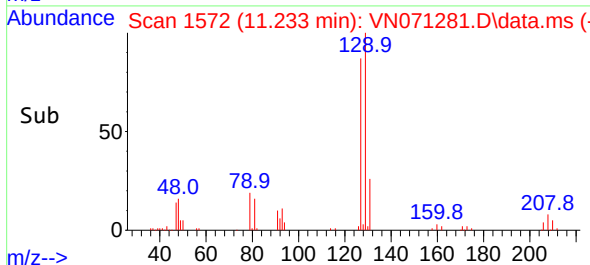
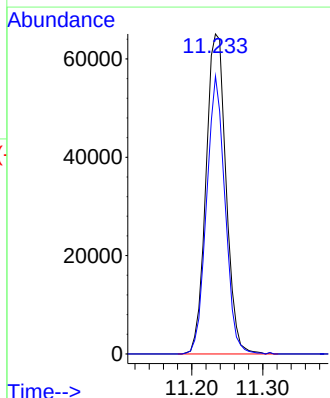
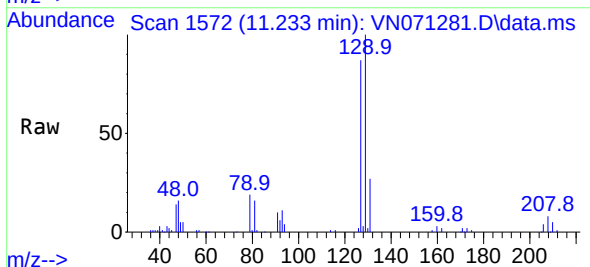
Manual Integrations
APPROVED

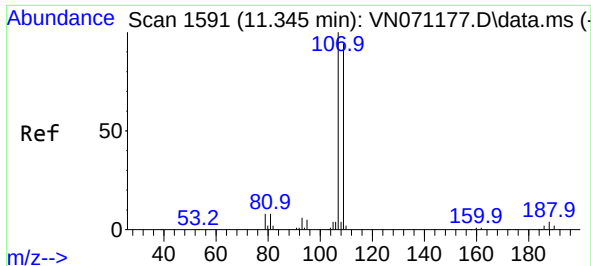
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#60
Dibromochloromethane
Concen: 16.430 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

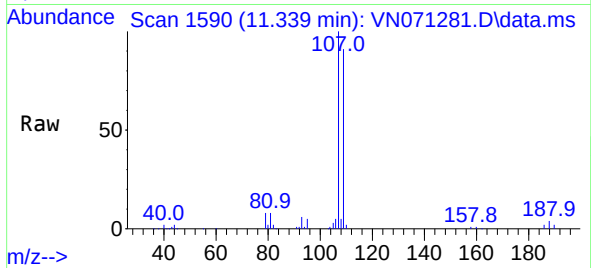
Tgt Ion:129 Resp: 127729
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.011 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

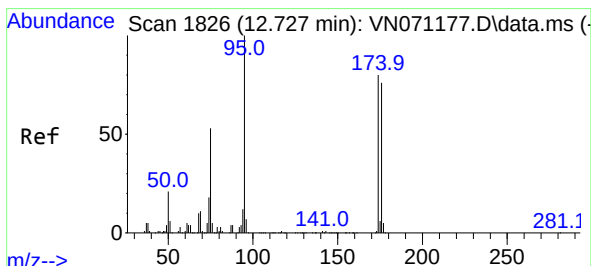
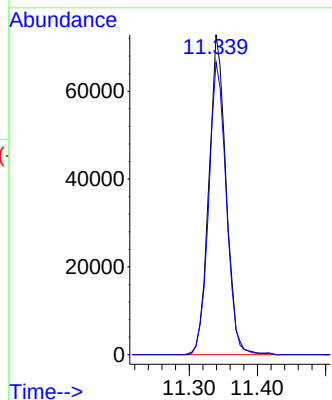
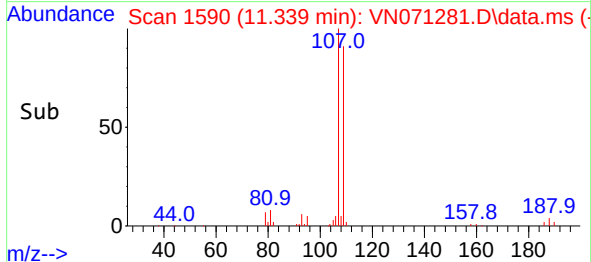
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



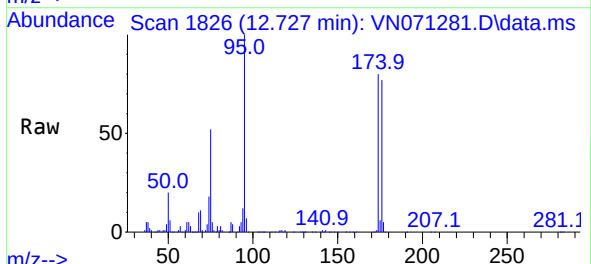
Tgt Ion:107 Resp: 128030
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

Manual Integrations
APPROVED

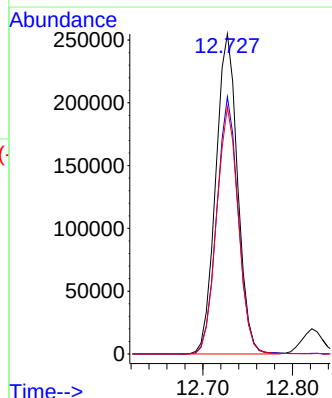
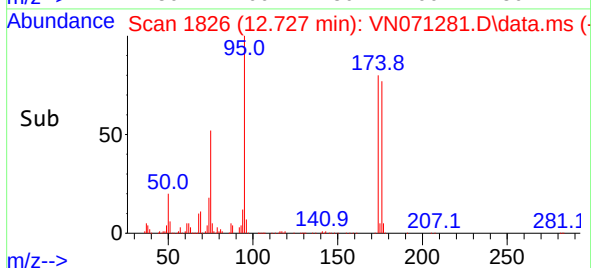
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

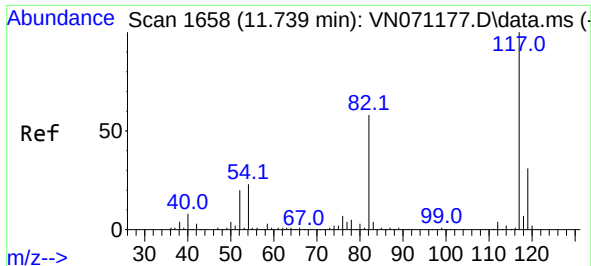


#62
4-Bromofluorobenzene
Concen: 48.145 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



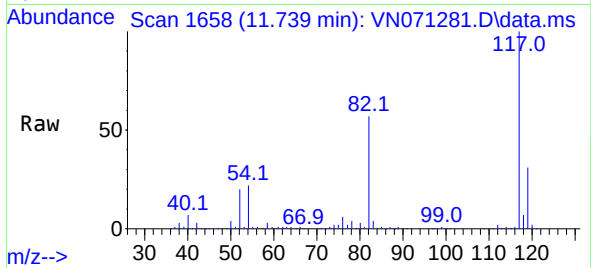
Tgt Ion: 95 Resp: 431174
Ion Ratio Lower Upper
95 100
174 79.1 0.0 187.2
176 76.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

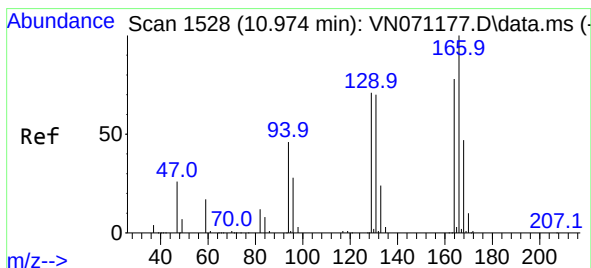
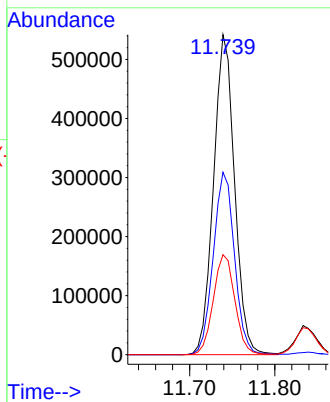
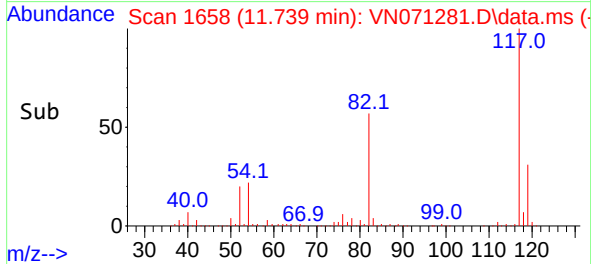
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



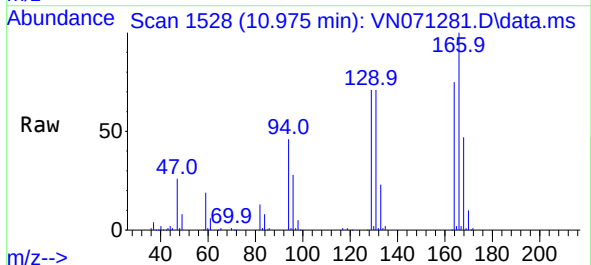
Tgt Ion:117 Resp: 92964
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 31.2 25.4 38.2

Manual Integrations
APPROVED

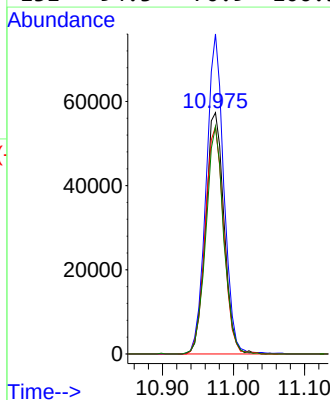
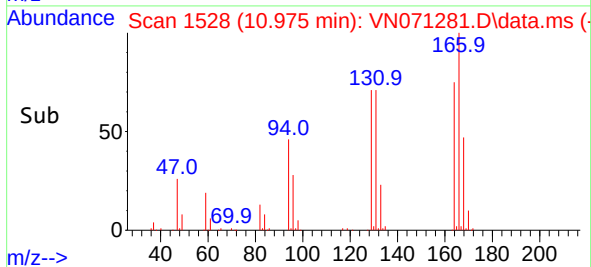
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

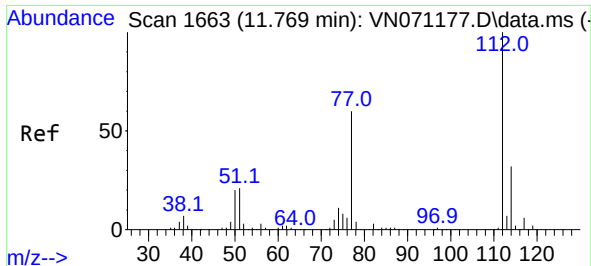


#64
Tetrachloroethene
Concen: 15.997 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



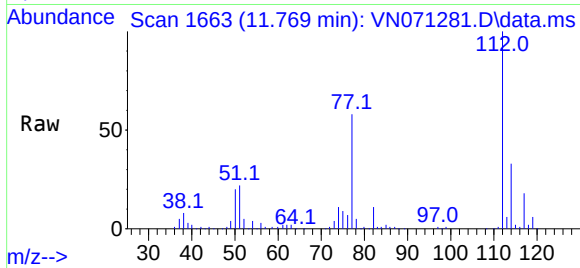
Tgt Ion:164 Resp: 103720
Ion Ratio Lower Upper
164 100
166 132.6 101.9 152.9
129 94.2 72.0 108.0
131 94.3 70.9 106.3





#65
Chlorobenzene
Concen: 16.038 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

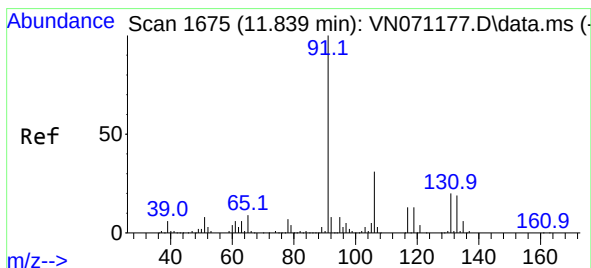
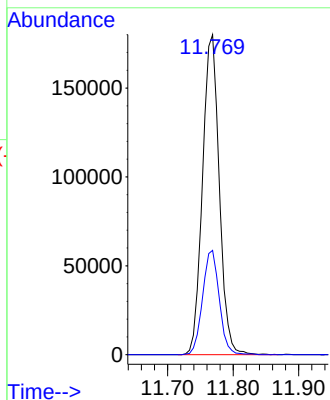
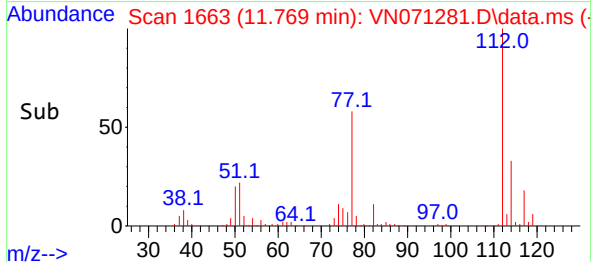
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



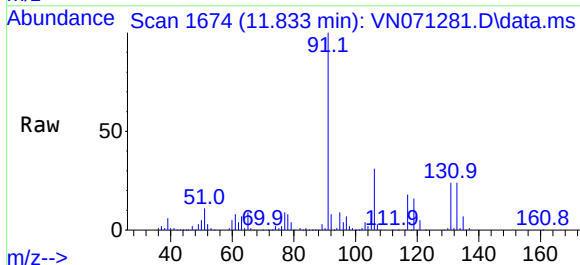
Tgt Ion:112 Resp: 32020
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

Manual Integrations
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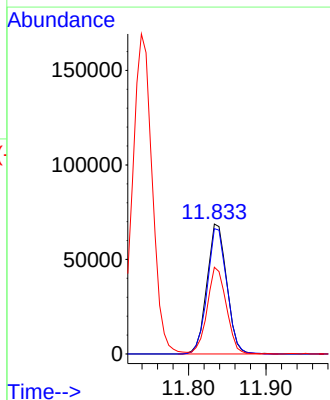
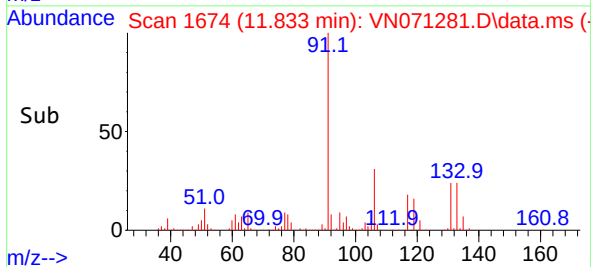
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

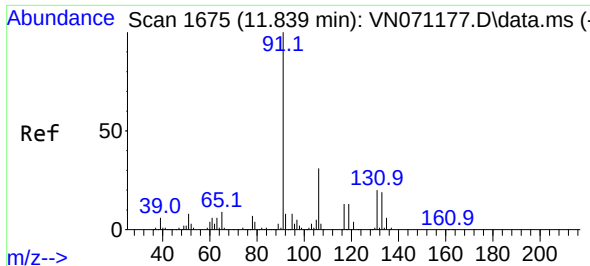


#66
1,1,1,2-Tetrachloroethane
Concen: 16.666 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion:131 Resp: 122001
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.7 32.1 96.5





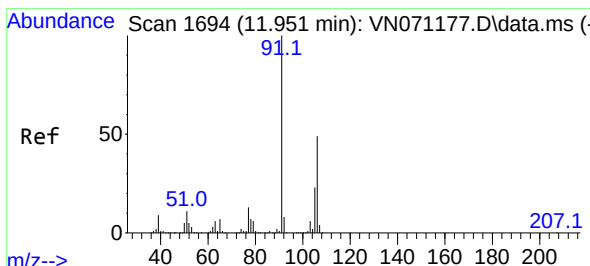
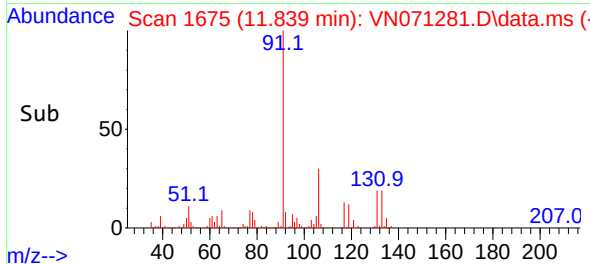
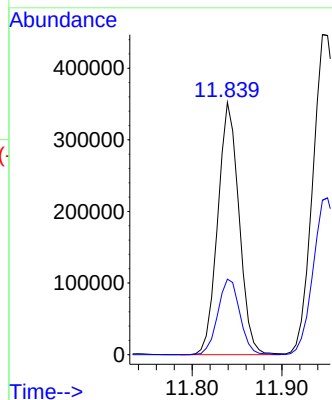
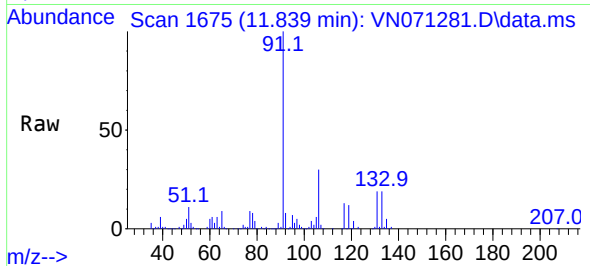
#67
Ethyl Benzene
Concen: 16.430 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 91 Resp: 579992
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

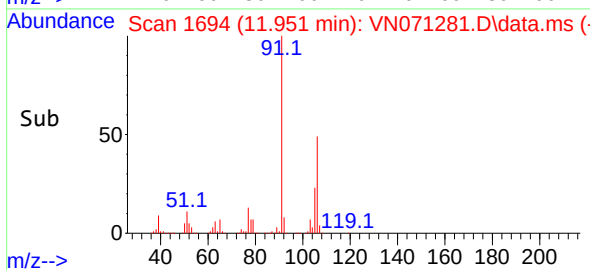
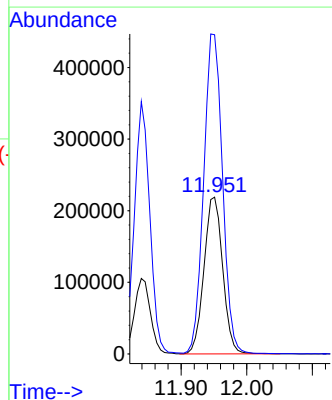
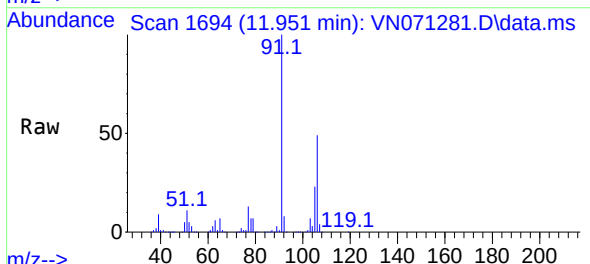
Manual Integrations
APPROVED

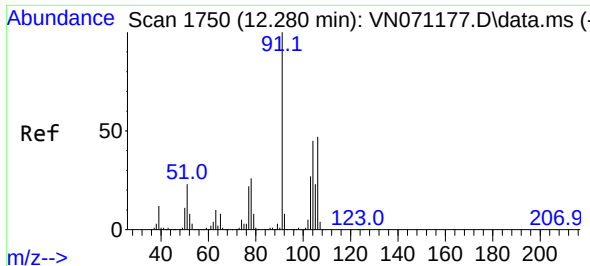
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#68
m/p-Xylenes
Concen: 33.684 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Tgt Ion:106 Resp: 434984
Ion Ratio Lower Upper
106 100
91 205.6 160.6 240.8





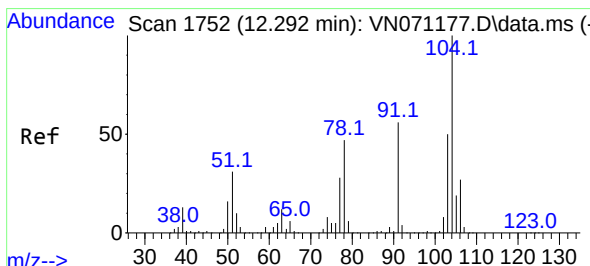
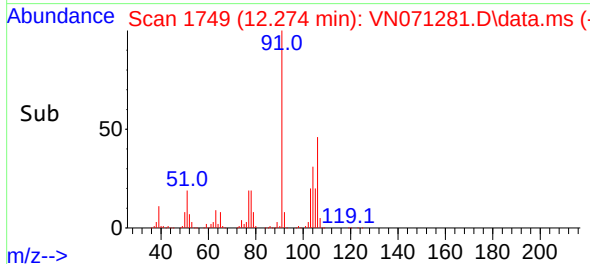
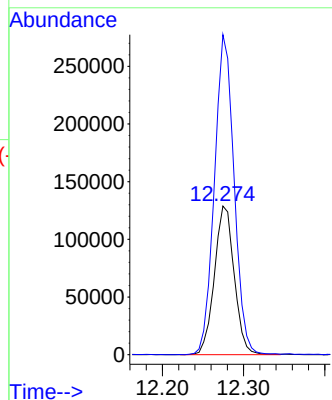
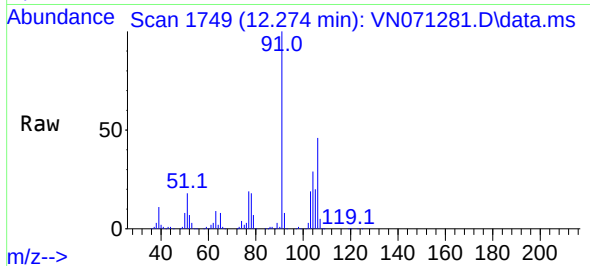
#69
o-Xylene
Concen: 16.899 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:106 Resp: 218750
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.3

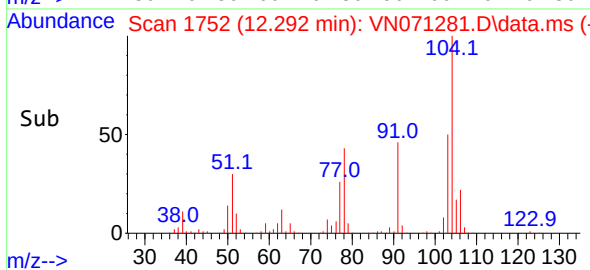
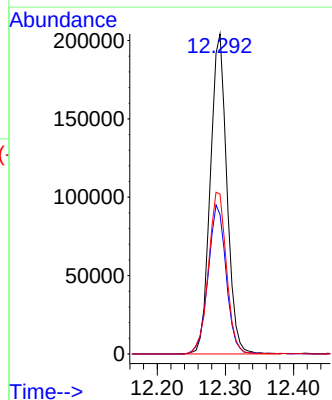
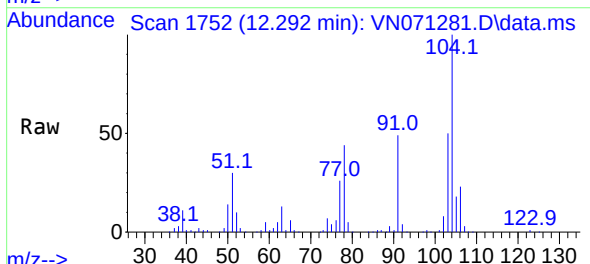
Manual Integrations
APPROVED

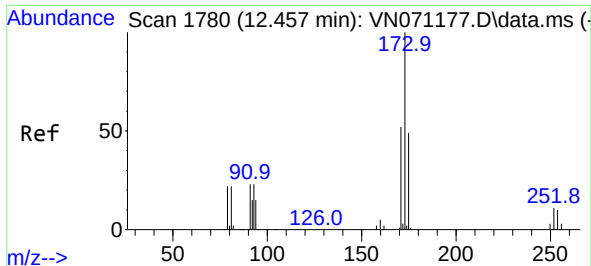
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 17.242 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

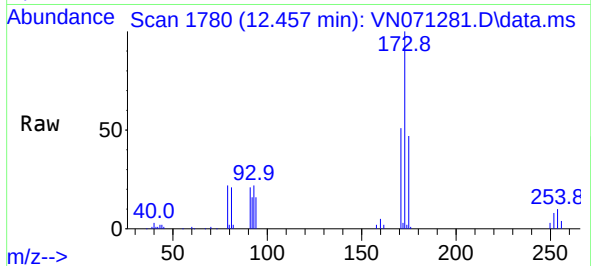
Tgt Ion:104 Resp: 345481
Ion Ratio Lower Upper
104 100
78 50.6 38.7 58.1
103 55.1 45.0 67.6





#71
Bromoform
Concen: 17.307 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

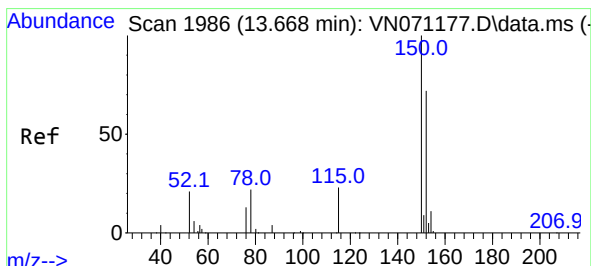
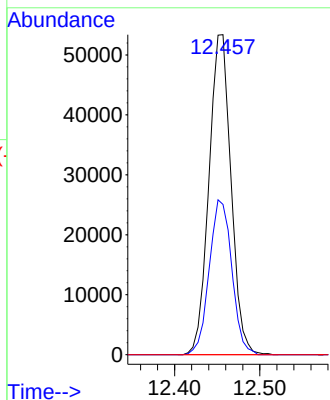
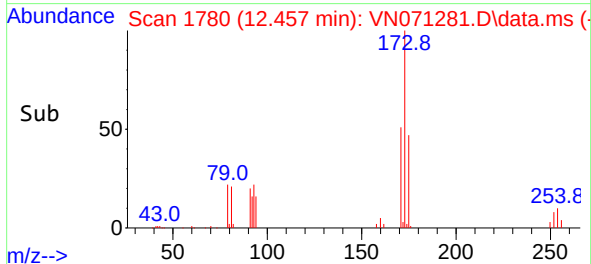
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



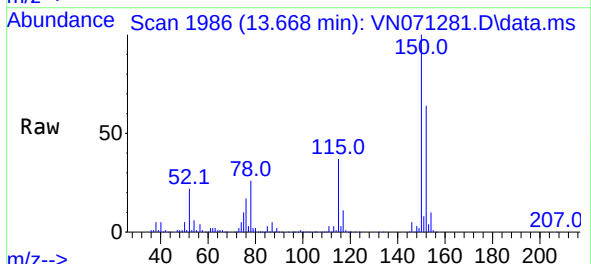
Tgt Ion:173 Resp: 9621
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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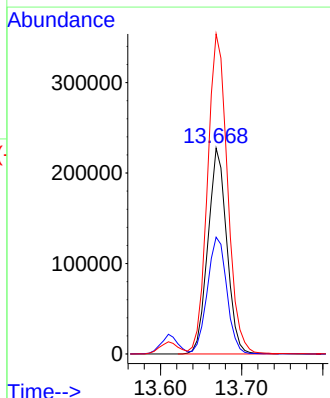
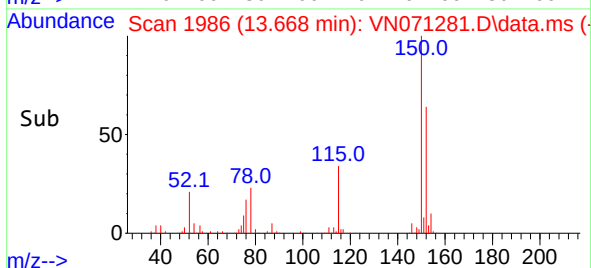
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

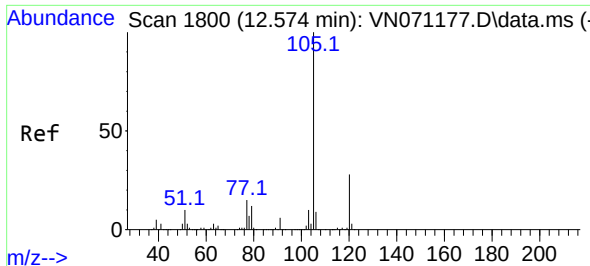


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



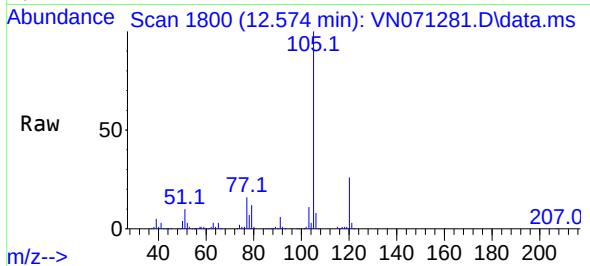
Tgt Ion:152 Resp: 366572
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 164.9 0.0 344.4





#73
Isopropylbenzene
Concen: 15.773 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

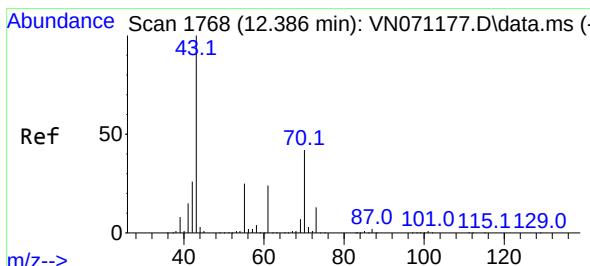
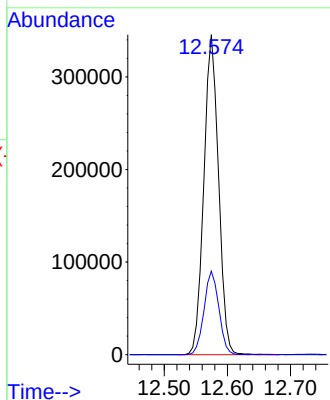
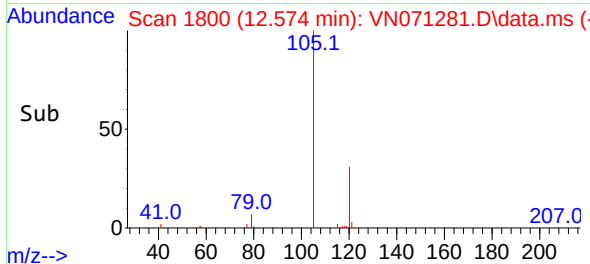
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



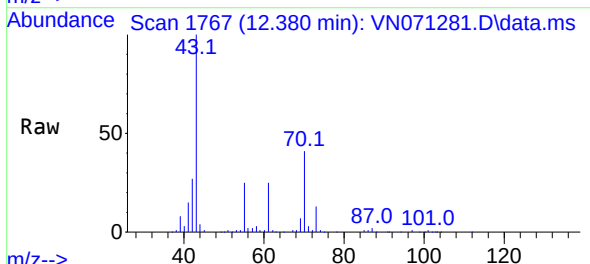
Tgt Ion:105 Resp: 557368
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations
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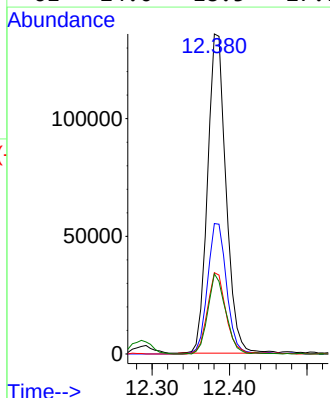
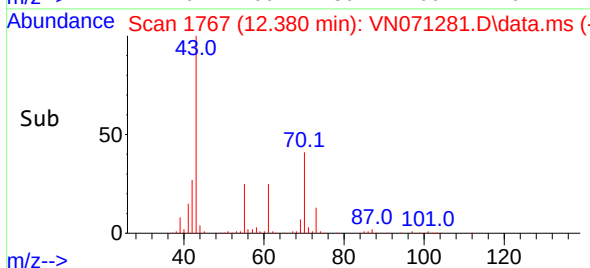
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

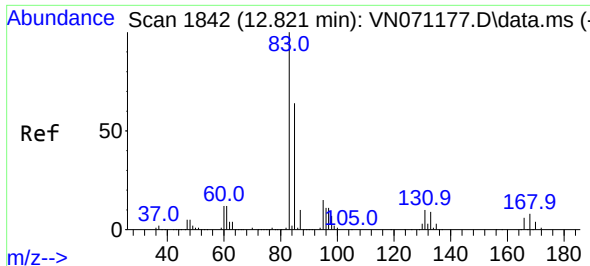


#74
N-ethyl acetate
Concen: 16.922 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 43 Resp: 224838
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 26.0 19.3 28.9
61 24.0 18.5 27.7





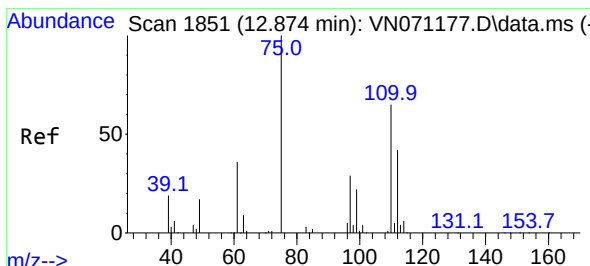
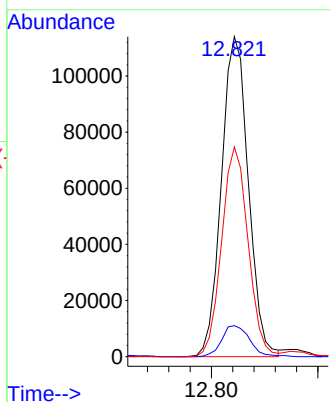
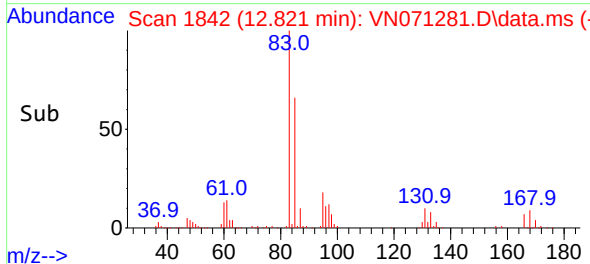
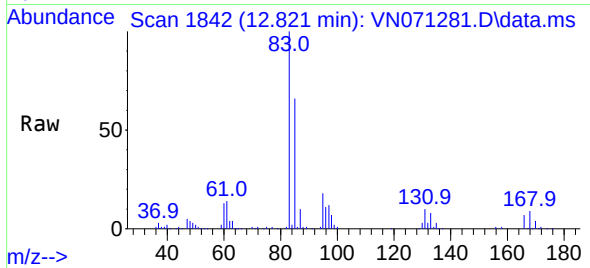
#75
1,1,2,2-Tetrachloroethane
Concen: 17.383 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 83 Resp: 200093
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.2 32.4 97.2

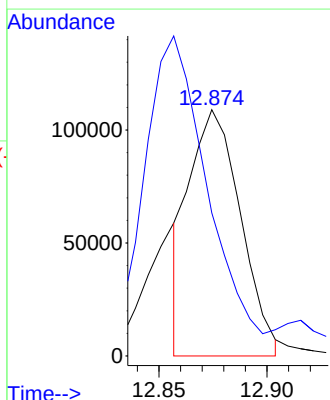
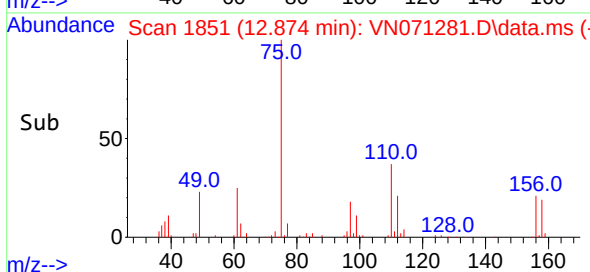
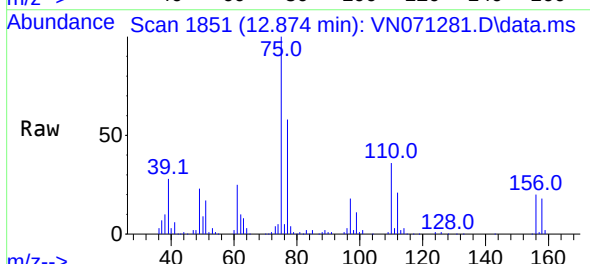
Manual Integrations
APPROVED

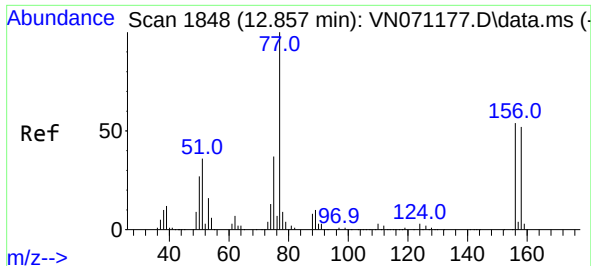
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#76
1,2,3-Trichloropropane
Concen: 18.492 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Tgt Ion: 75 Resp: 180093
Ion Ratio Lower Upper
75 100
77 162.1 82.6 247.8





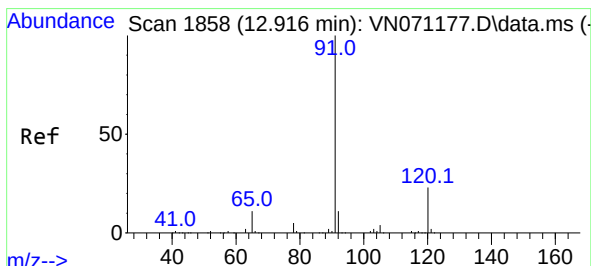
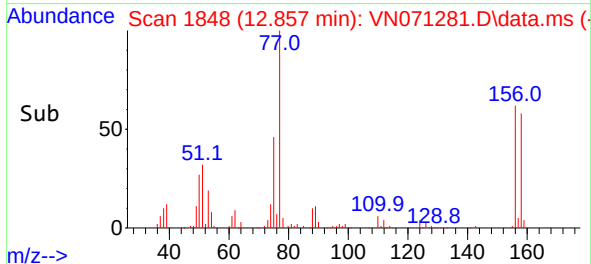
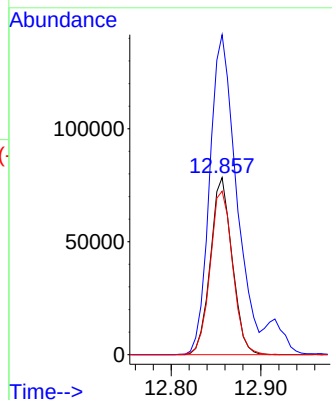
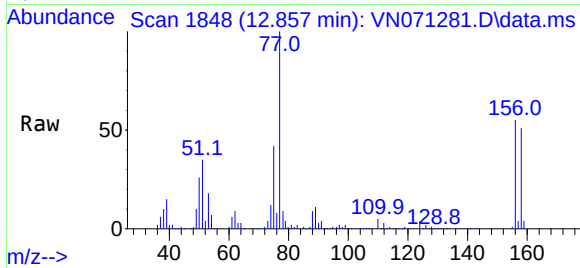
#77
Bromobenzene
Concen: 15.978 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:156 Resp: 13166
Ion Ratio Lower Upper
156 100
77 221.7 90.6 271.8
158 96.2 48.9 146.7

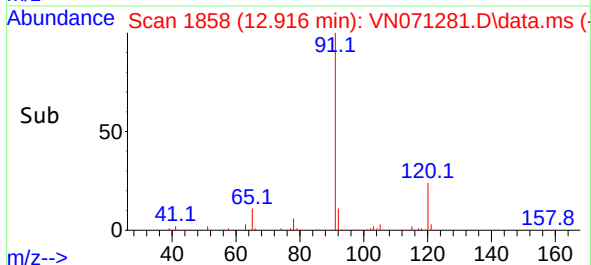
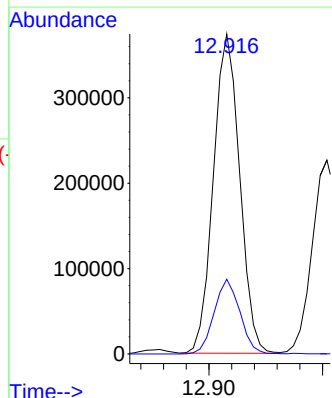
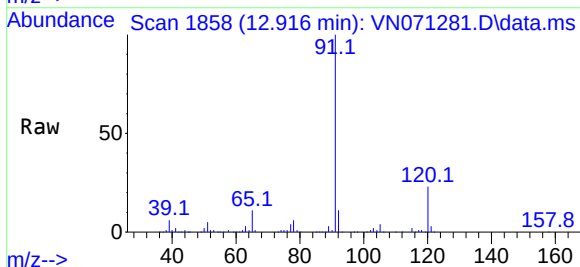
Manual Integrations
APPROVED

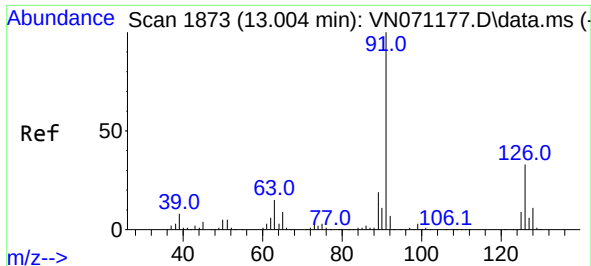
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#78
n-propylbenzene
Concen: 15.855 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Tgt Ion: 91 Resp: 601194
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





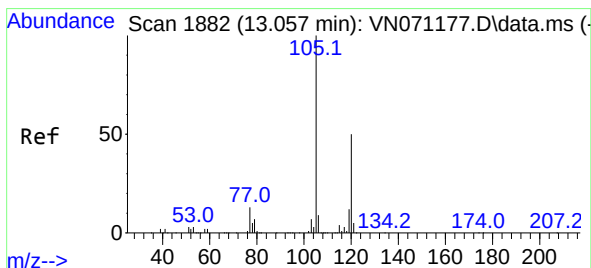
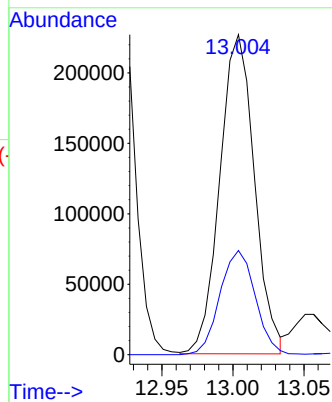
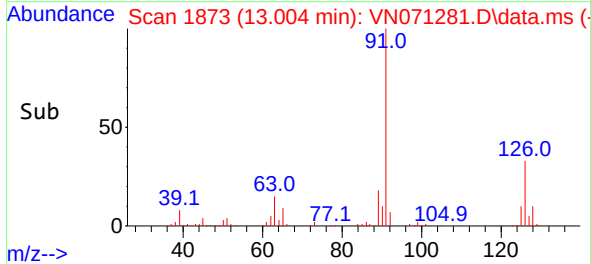
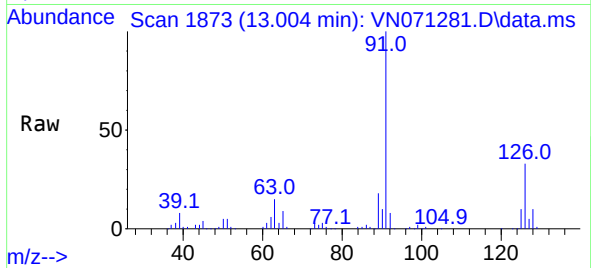
#79
2-Chlorotoluene
Concen: 15.797 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 91 Resp: 38452
Ion Ratio Lower Upper
91 100
126 33.4 18.3 54.8

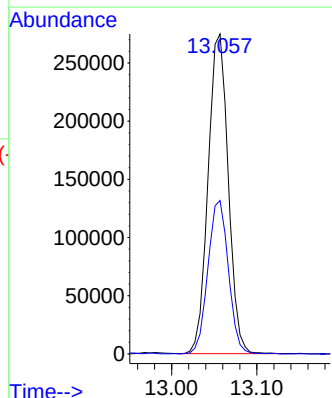
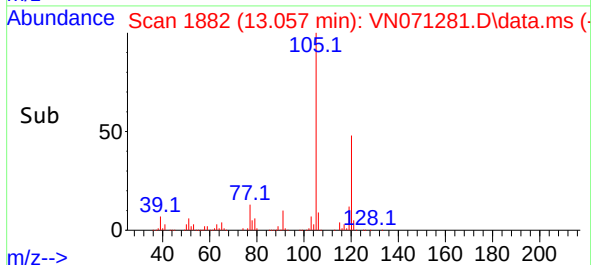
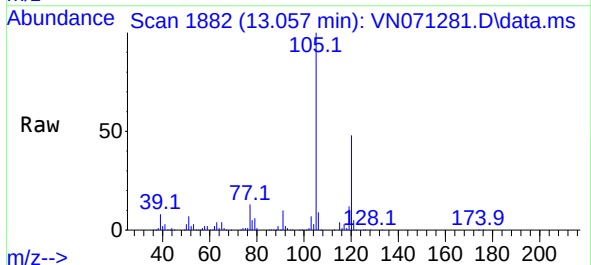
Manual Integrations
APPROVED

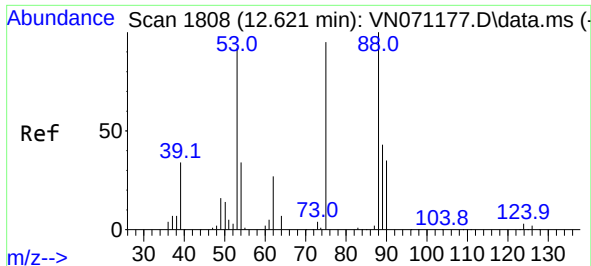
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 16.403 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

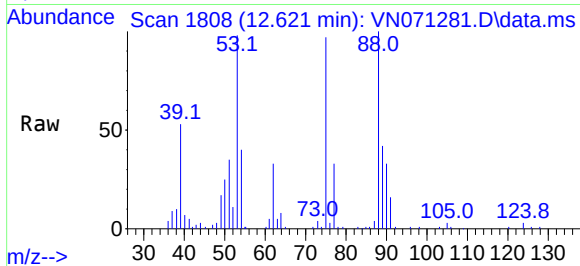
Tgt Ion:105 Resp: 450948
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.968 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

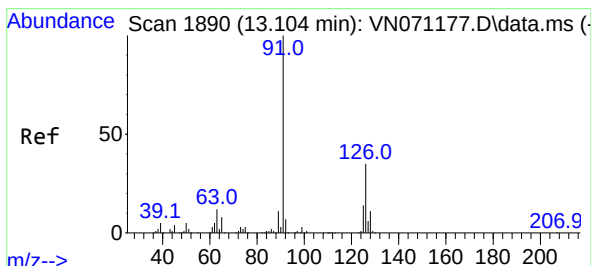
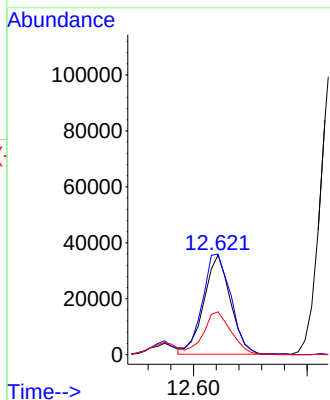
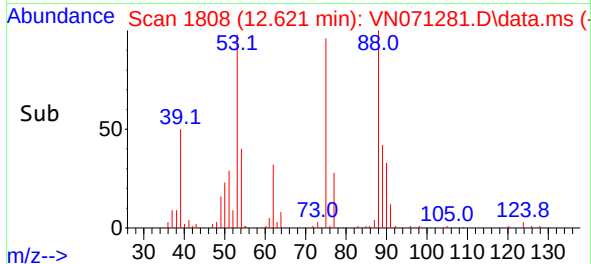
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



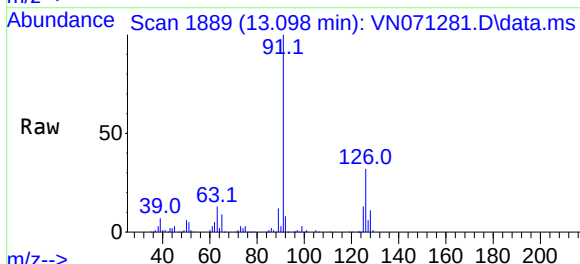
Tgt Ion: 75 Resp: 57539
Ion Ratio Lower Upper
75 100
53 108.2 90.5 135.7
89 45.2 38.2 57.4

Manual Integrations
APPROVED

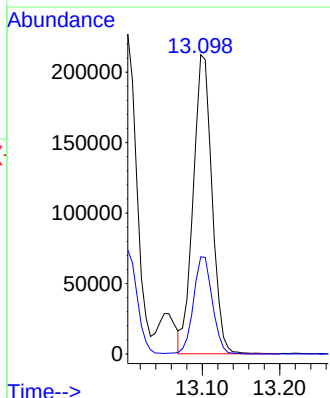
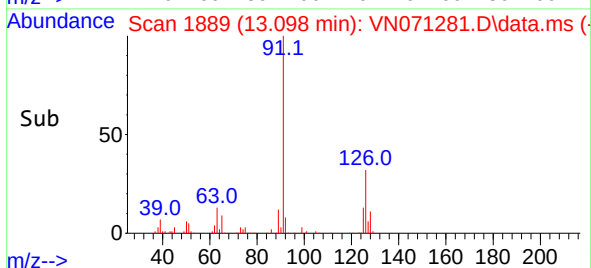
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

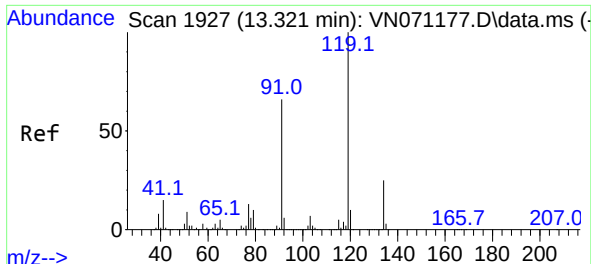


#82
4-Chlorotoluene
Concen: 16.477 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion: 91 Resp: 357252
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





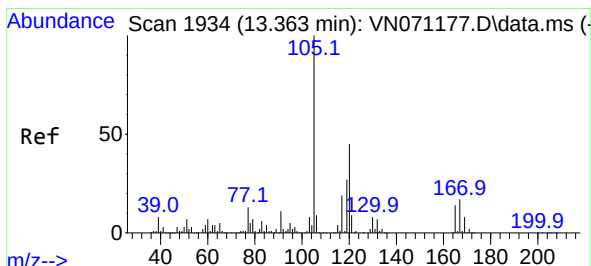
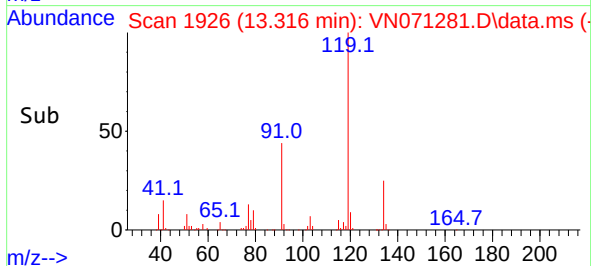
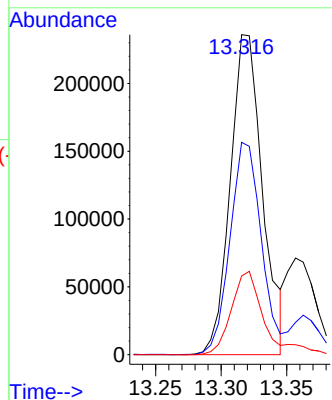
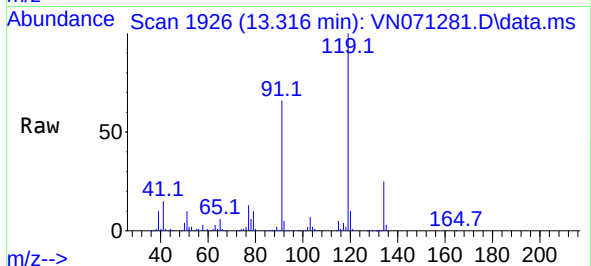
#83
tert-Butylbenzene
Concen: 16.450 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:119 Resp: 403602
Ion Ratio Lower Upper
119 100
91 64.4 31.5 94.5
134 26.5 12.4 37.4

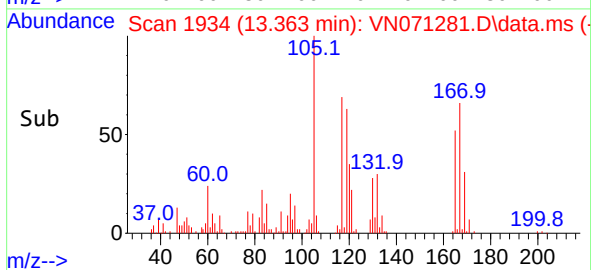
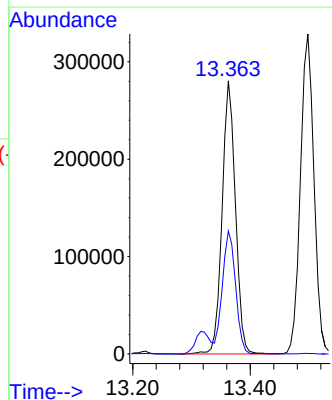
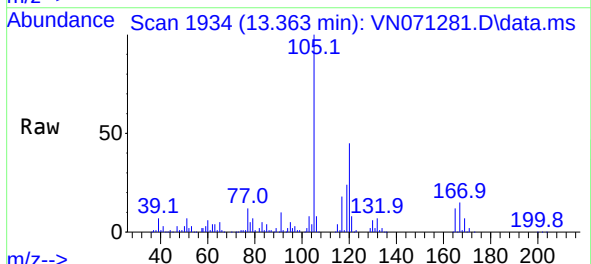
Manual Integrations
APPROVED

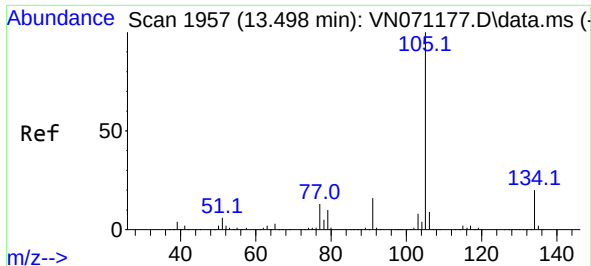
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 16.771 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

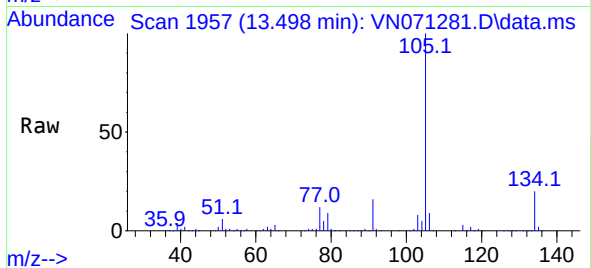
Tgt Ion:105 Resp: 441636
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 16.089 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15

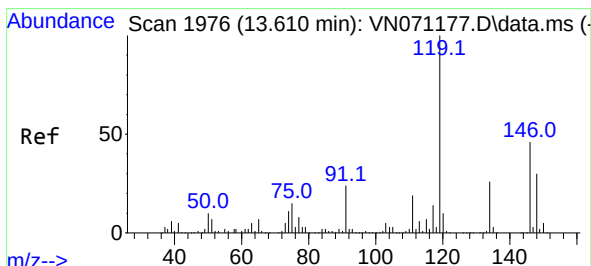
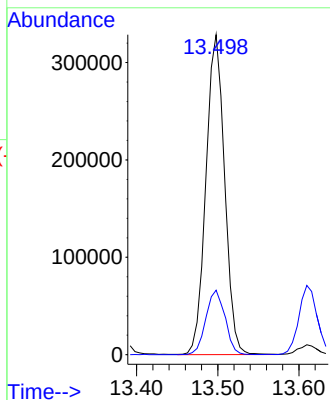
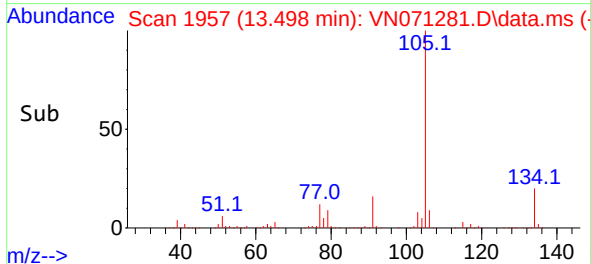
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS08



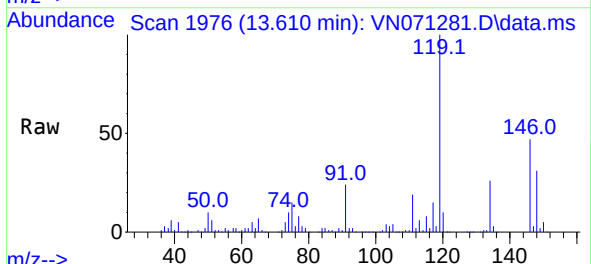
Tgt Ion:105 Resp: 524674
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
 APPROVED

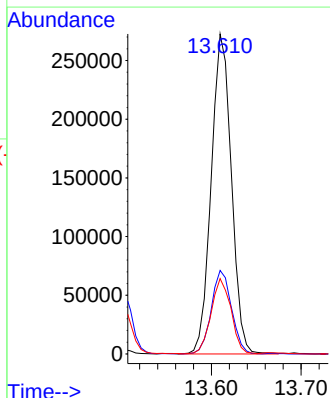
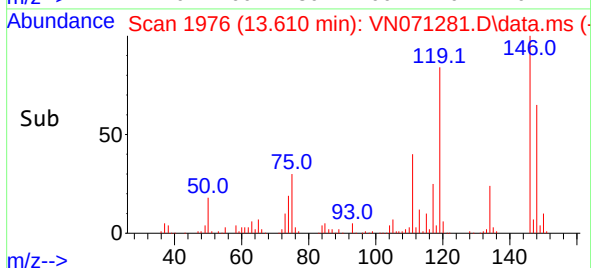
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022

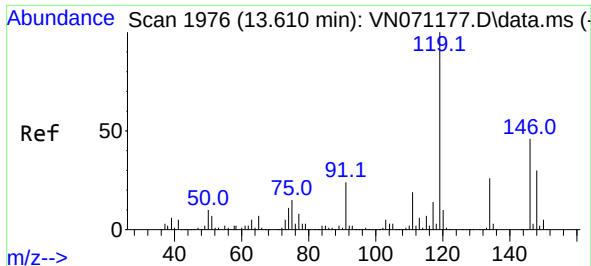


#86
 p-Isopropyltoluene
 Concen: 16.587 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071281.D
 Acq: 14 Mar 2022 21:15



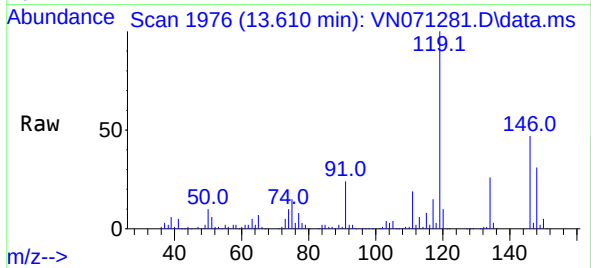
Tgt Ion:119 Resp: 425405
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 23.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 15.961 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

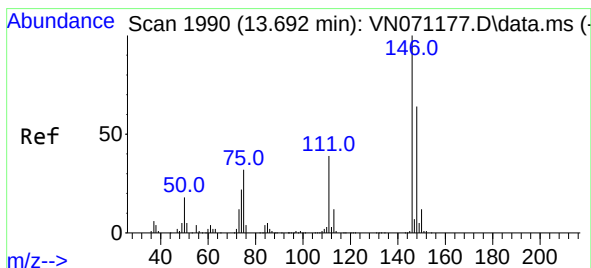
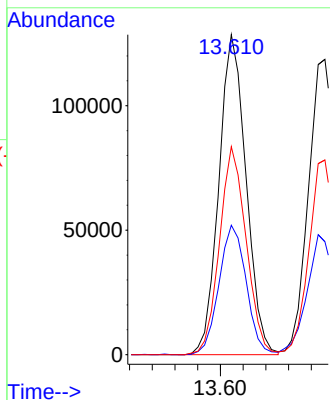
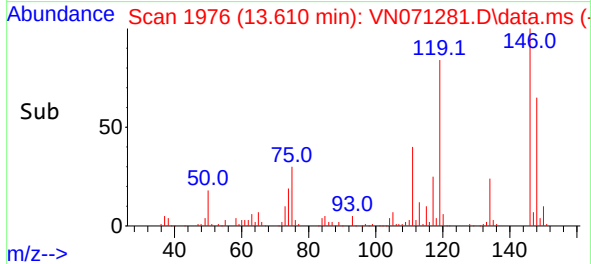
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



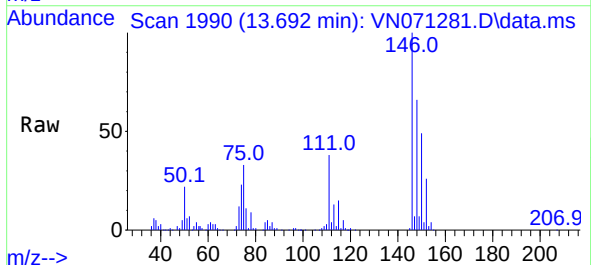
Tgt Ion:146 Resp: 21369
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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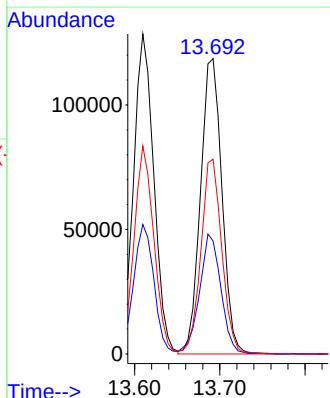
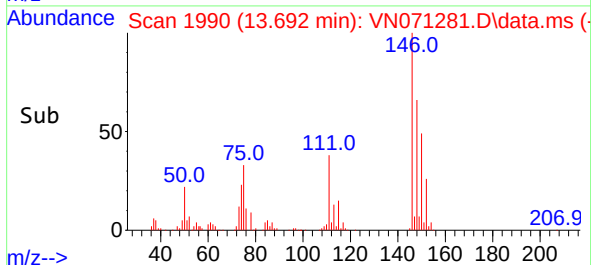
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

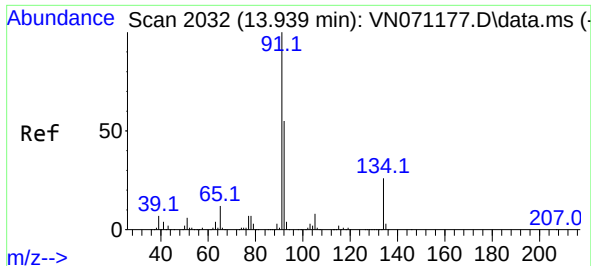


#88
1,4-Dichlorobenzene
Concen: 15.862 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion:146 Resp: 207593
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.3 31.8 95.4





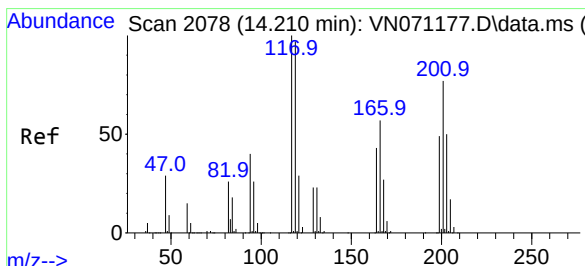
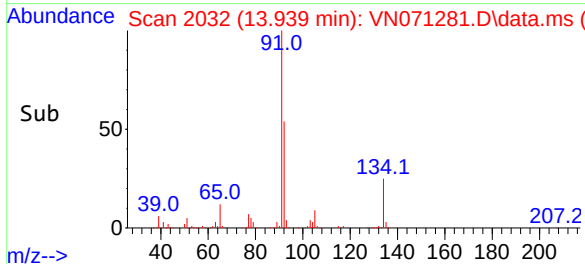
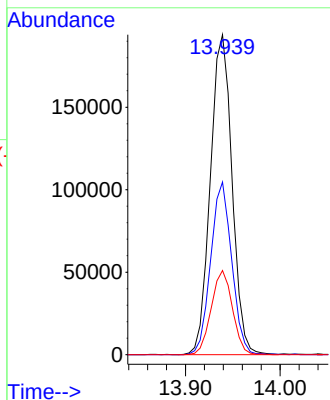
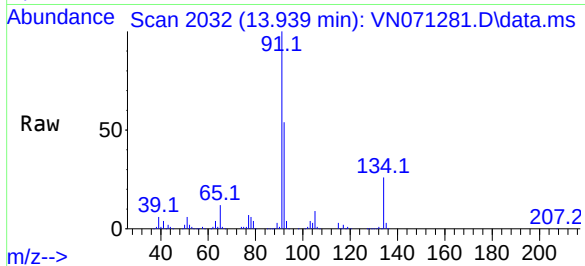
#89
n-Butylbenzene
Concen: 15.374 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion: 91 Resp: 30838
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 25.7 13.6 40.8

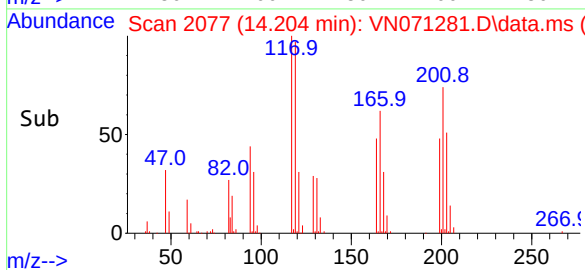
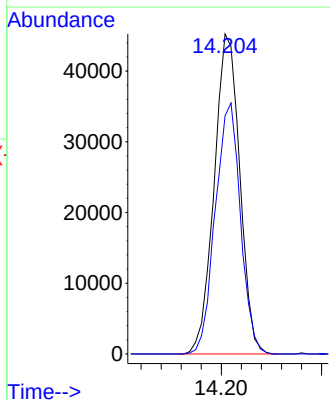
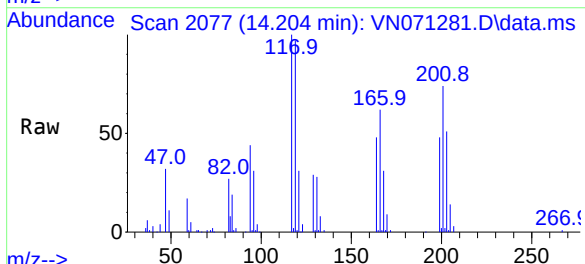
Manual Integrations
APPROVED

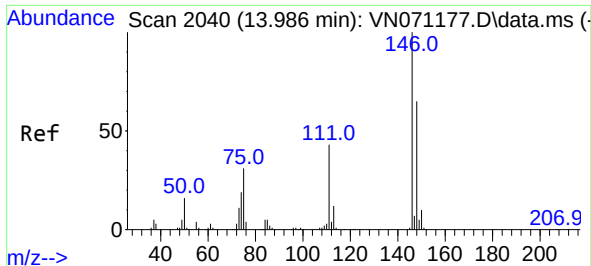
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 15.715 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Tgt Ion:117 Resp: 80148
Ion Ratio Lower Upper
117 100
201 77.2 43.9 131.6





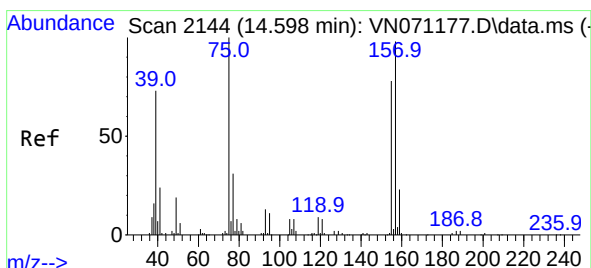
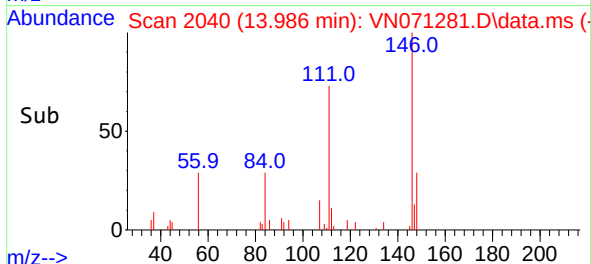
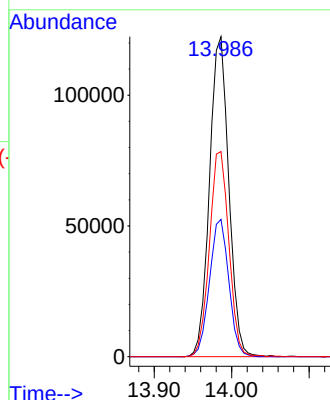
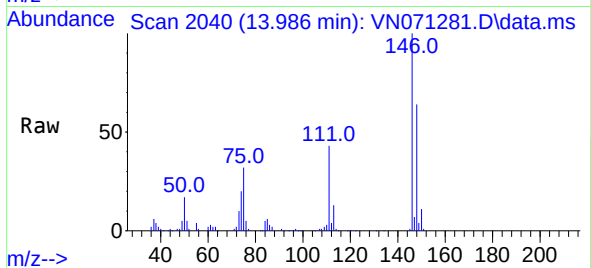
#91
1,2-Dichlorobenzene
Concen: 16.429 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08

Tgt Ion:146 Resp: 21147
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.7 32.1 96.3

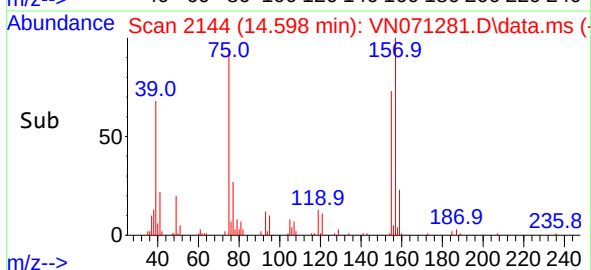
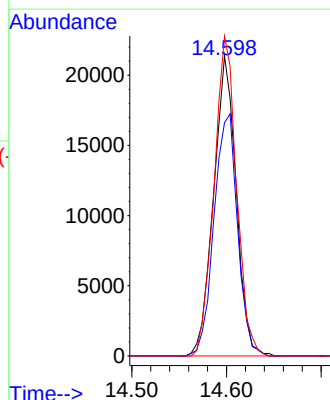
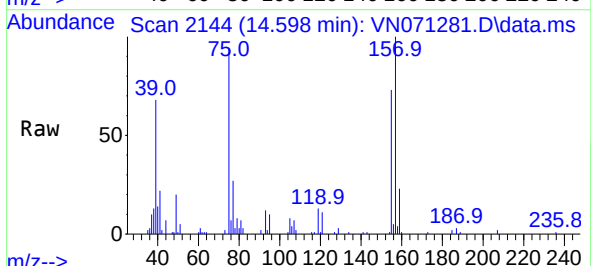
Manual Integrations
APPROVED

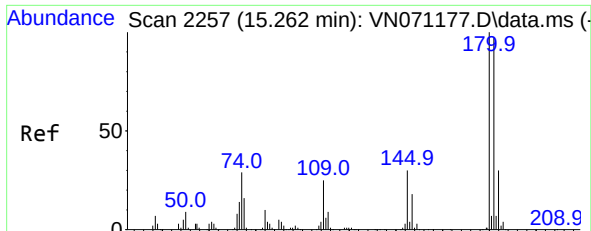
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.210 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

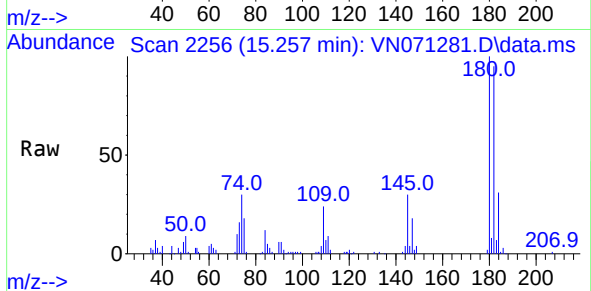
Tgt Ion: 75 Resp: 35384
Ion Ratio Lower Upper
75 100
155 84.1 46.9 140.7
157 106.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.412 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

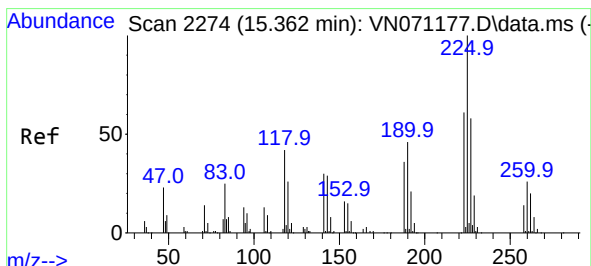
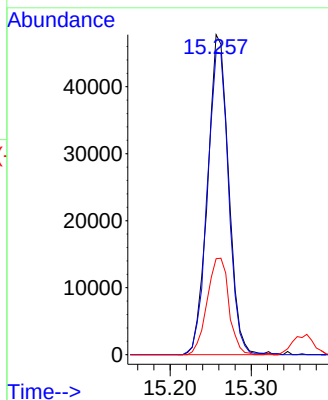
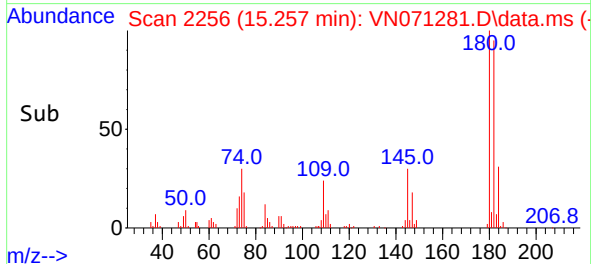
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



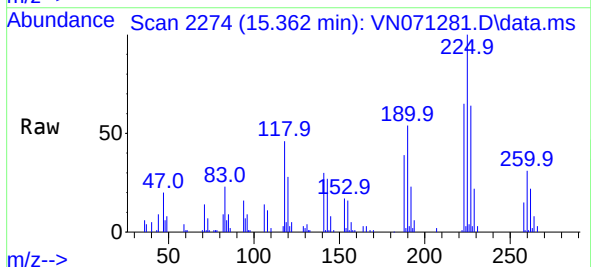
Tgt Ion:180 Resp: 85768
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
APPROVED

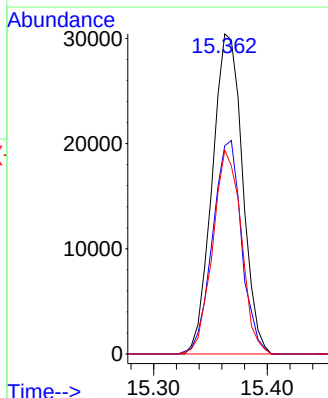
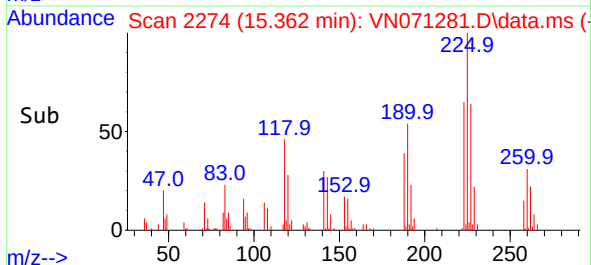
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

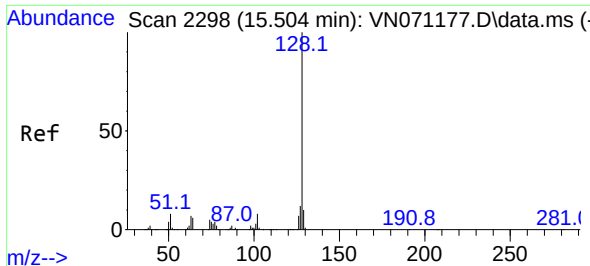


#94
Hexachlorobutadiene
Concen: 15.571 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



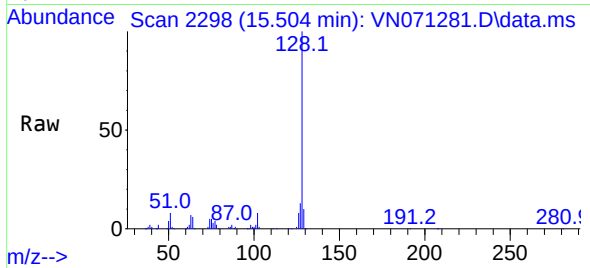
Tgt Ion:225 Resp: 56265
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 60.3 32.1 96.3





#95
Naphthalene
Concen: 17.930 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15

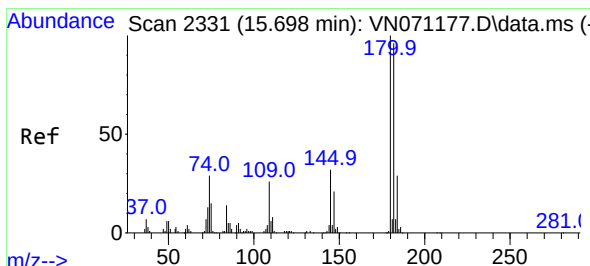
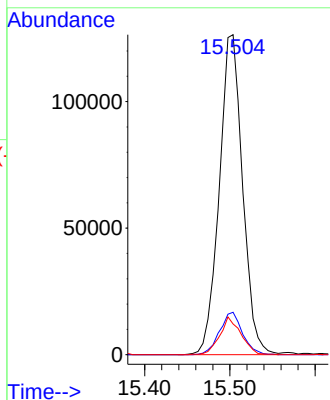
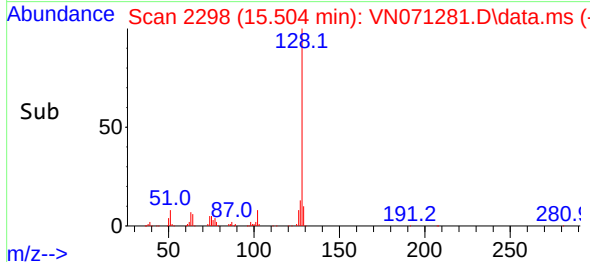
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS08



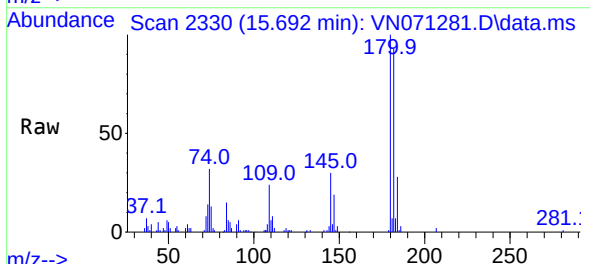
Tgt Ion:128 Resp: 24052
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.181 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071281.D
Acq: 14 Mar 2022 21:15



Tgt Ion:180 Resp: 87964
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 30.2 15.0 45.1

