

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071321.D
 Acq On : 16 Mar 2022 15:25
 Operator : JC\MD
 Sample : VN0316WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Quant Time: Mar 17 05:18:16 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 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	636282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1038456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	949994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	438321	50.263	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.520%			
35) Dibromofluoromethane	8.016	113	330376	50.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.840%			
50) Toluene-d8	10.439	98	1296569	49.141	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.727	95	440252	49.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	118360	16.973	ug/l	98
3) Chloromethane	2.298	50	162947	17.383	ug/l	100
4) Vinyl Chloride	2.440	62	148411	17.366	ug/l	97
5) Bromomethane	2.845	94	91843	20.547	ug/l	98
6) Chloroethane	3.010	64	99542	19.234	ug/l	98
7) Trichlorofluoromethane	3.369	101	201596	17.922	ug/l	100
8) Diethyl Ether	3.828	74	92052	19.124	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	117963	18.116	ug/l	96
10) Methyl Iodide	4.422	142	155796	16.940	ug/l	99
11) Tert butyl alcohol	5.363	59	160279	93.560	ug/l	98
12) 1,1-Dichloroethene	4.181	96	112285	17.603	ug/l	93
13) Acrolein	4.040	56	94499	52.116	ug/l	99
14) Allyl chloride	4.840	41	242414	17.472	ug/l	89
15) Acrylonitrile	5.551	53	475663	93.510	ug/l	98
16) Acetone	4.287	43	389826	91.873	ug/l	96
17) Carbon Disulfide	4.534	76	267017	14.703	ug/l	97
18) Methyl Acetate	4.851	43	236207	21.003	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	490334	20.473	ug/l	96
20) Methylene Chloride	5.092	84	148369	19.368	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	122654	17.579	ug/l	91
22) Diisopropyl ether	6.492	45	530901	19.423	ug/l	93
23) Vinyl Acetate	6.428	43	2283928	98.701	ug/l	100
24) 1,1-Dichloroethane	6.386	63	268748	18.607	ug/l	99
25) 2-Butanone	7.328	43	644869	94.346	ug/l	98
26) 2,2-Dichloropropane	7.322	77	209203	18.775	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	156737	18.927	ug/l	91
28) Bromochloromethane	7.651	49	111737	17.373	ug/l	84
29) Tetrahydrofuran	7.680	42	441276	93.190	ug/l	92
30) Chloroform	7.816	83	262148	19.030	ug/l	97
31) Cyclohexane	8.092	56	249697	17.930	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	221603	18.885	ug/l	98
36) 1,1-Dichloropropene	8.222	75	191800	18.268	ug/l	96
37) Ethyl Acetate	7.404	43	259356	17.949	ug/l	99
38) Carbon Tetrachloride	8.204	117	184108	18.129	ug/l	98
39) Methylcyclohexane	9.457	83	228201	18.476	ug/l	95
40) Benzene	8.457	78	591718	18.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	135062	19.100	ug/l	87
42) 1,2-Dichloroethane	8.527	62	222691	20.230	ug/l	99
43) Isopropyl Acetate	8.557	43	444121	20.553	ug/l	94
44) Trichloroethene	9.216	130	140922	18.880	ug/l	99
45) 1,2-Dichloropropane	9.486	63	163301	19.230	ug/l	97
46) Dibromomethane	9.574	93	101679	19.454	ug/l	97
47) Bromodichloromethane	9.757	83	204387	19.350	ug/l	97
48) Methyl methacrylate	9.557	41	194176	19.391	ug/l #	83
49) 1,4-Dioxane	9.563	88	67956	390.419	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	1289279	96.142	ug/l	99
52) Toluene	10.504	92	370095	18.999	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	224131	19.249	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	246255	19.356	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	155490	19.920	ug/l	97
56) Ethyl methacrylate	10.757	69	251663	19.743	ug/l	90
57) 1,3-Dichloropropane	11.039	76	273419	19.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	319521	133.876	ug/l	96
59) 2-Hexanone	11.080	43	921530	100.715	ug/l	99
60) Dibromochloromethane	11.233	129	152438	19.655	ug/l	100
61) 1,2-Dibromoethane	11.345	107	154550	19.373	ug/l	99
64) Tetrachloroethene	10.974	164	120097	18.126	ug/l	99
65) Chlorobenzene	11.768	112	387585	18.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	144129	19.267	ug/l	100
67) Ethyl Benzene	11.839	91	692429	19.195	ug/l	99
68) m/p-Xylenes	11.951	106	523550	39.674	ug/l	99
69) o-Xylene	12.274	106	259397	19.610	ug/l	96
70) Styrene	12.292	104	416075	20.320	ug/l	97
71) Bromoform	12.451	173	113221	19.930	ug/l #	97
73) Isopropylbenzene	12.574	105	665725	17.874	ug/l	100
74) N-amyl acetate	12.380	43	270550	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	233810	19.565	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	188019m	18.288	ug/l	
77) Bromobenzene	12.857	156	158341	18.231	ug/l	81
78) n-propylbenzene	12.915	91	725147	18.144	ug/l	98
79) 2-Chlorotoluene	13.004	91	460357	17.944	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	538109	18.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	68575	19.186	ug/l	95
82) 4-Chlorotoluene	13.104	91	423445	18.530	ug/l	95
83) tert-Butylbenzene	13.321	119	485106	18.759	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	537076	19.350	ug/l	99
85) sec-Butylbenzene	13.498	105	643501	18.722	ug/l	99
86) p-Isopropyltoluene	13.610	119	522790	19.340	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	259271	18.373	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	250863	18.186	ug/l	98
89) n-Butylbenzene	13.939	91	400562	18.946	ug/l	96
90) Hexachloroethane	14.209	117	92523	17.212	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	258368	19.044	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	42022	19.391	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	120589	20.895	ug/l	98
94) Hexachlorobutadiene	15.368	225	71491	18.770	ug/l	97
95) Naphthalene	15.504	128	390410	24.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	125157	22.237	ug/l	98

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MSVOA_N
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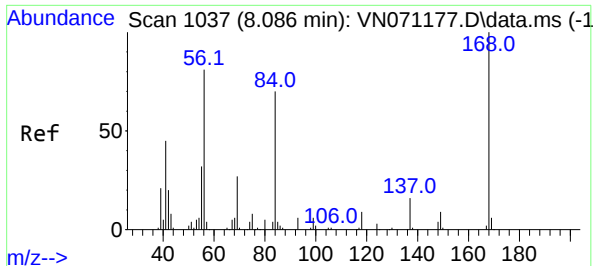
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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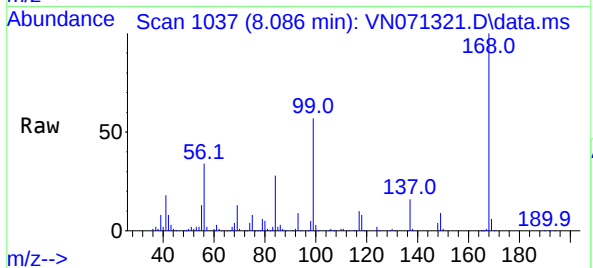
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
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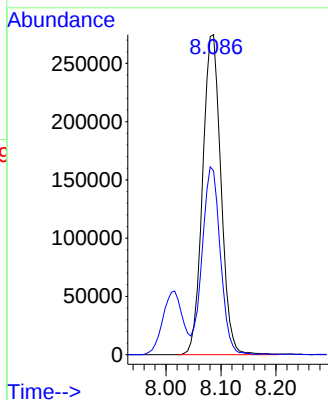
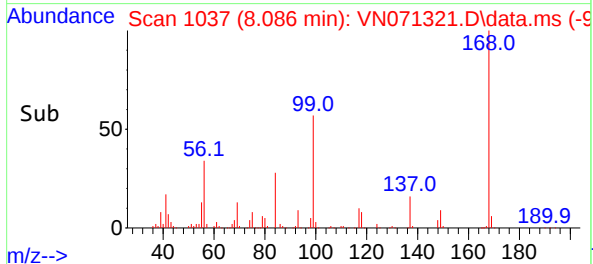
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



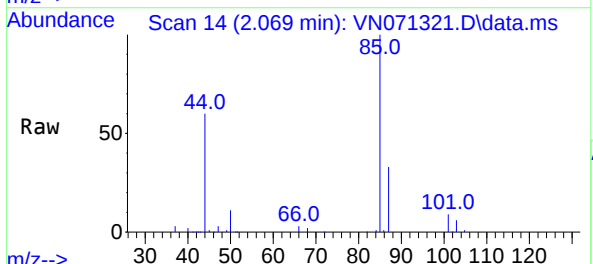
Tgt Ion:168 Resp: 63628
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9

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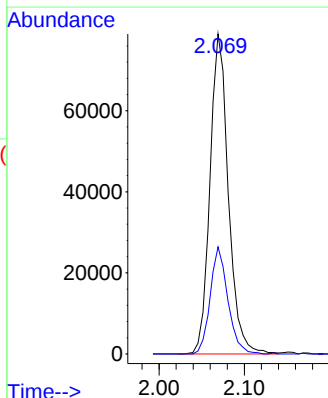
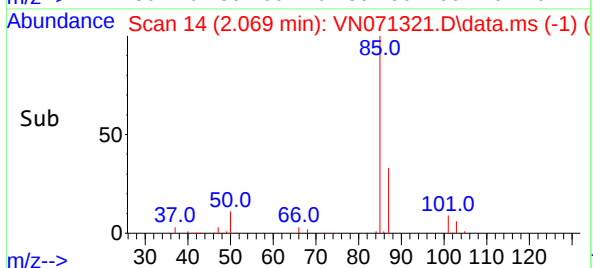
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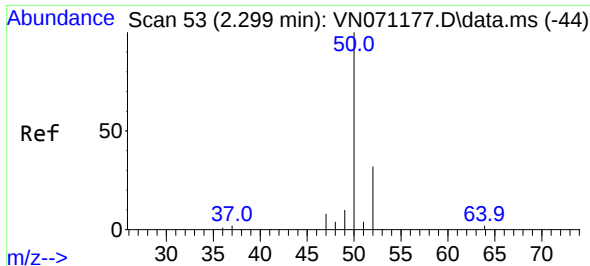


#2
Dichlorodifluoromethane
Concen: 16.973 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 85 Resp: 118360
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.9





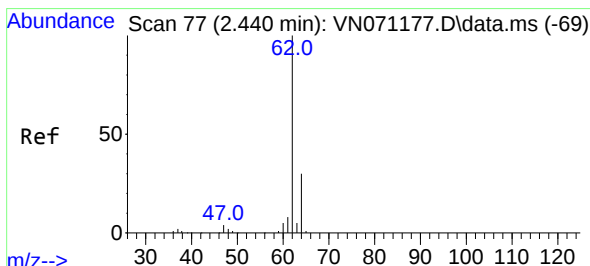
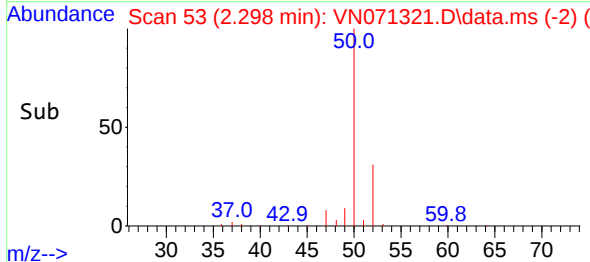
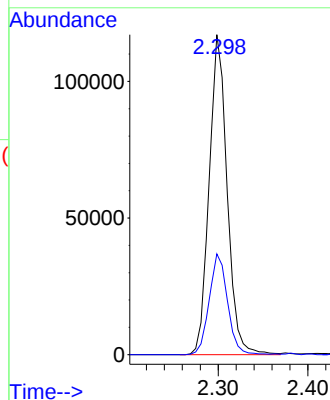
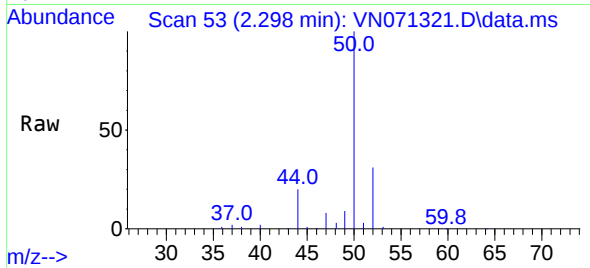
#3
Chloromethane
Concen: 17.383 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

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Tgt Ion: 50 Resp: 16294
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

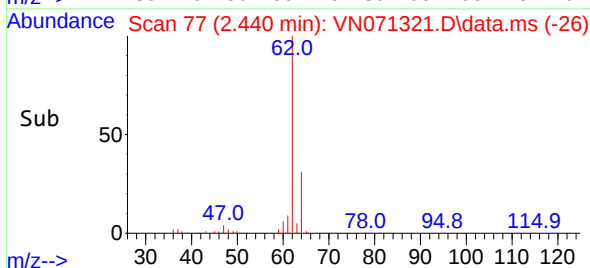
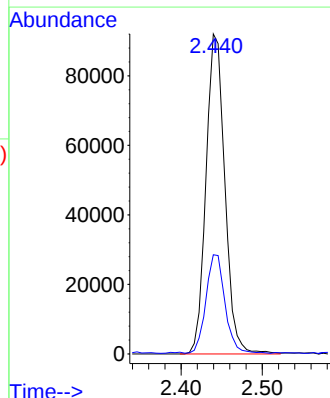
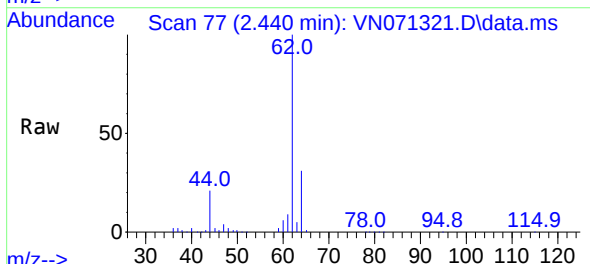
Manual Integrations
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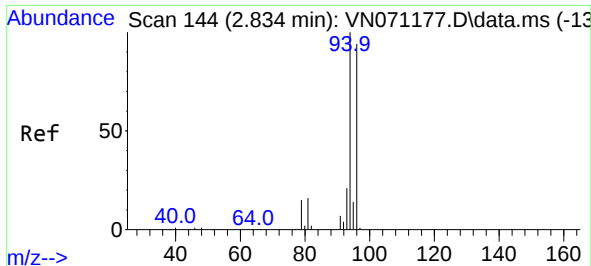
Reviewed By :John Carlone 03/17/2022
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#4
Vinyl Chloride
Concen: 17.366 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

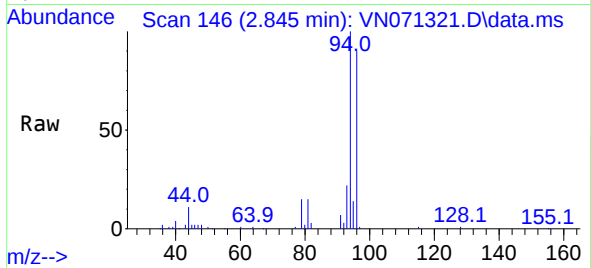
Tgt Ion: 62 Resp: 148411
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 20.547 ug/l
RT: 2.845 min Scan# 144
Delta R.T. 0.011 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

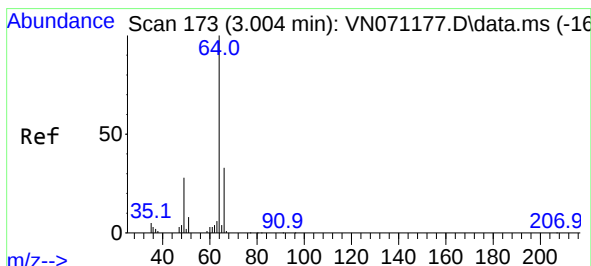
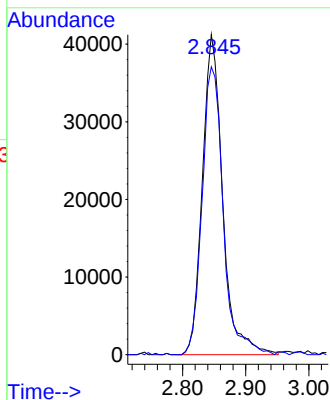
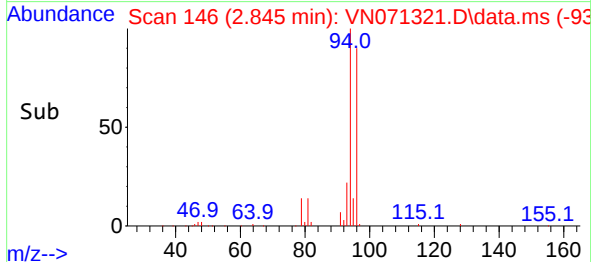
Instrument :
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Tgt Ion: 94 Resp: 9184
Ion Ratio Lower Upper
94 100
96 89.9 73.8 110.8

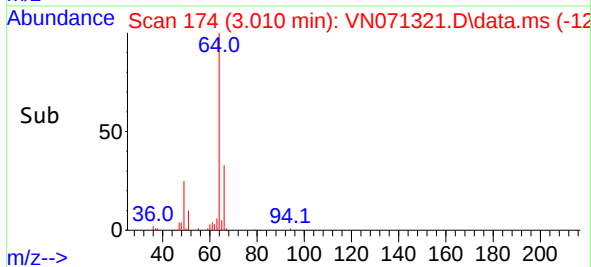
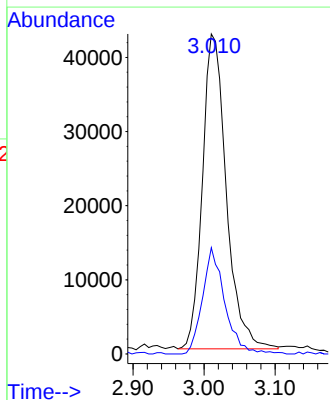
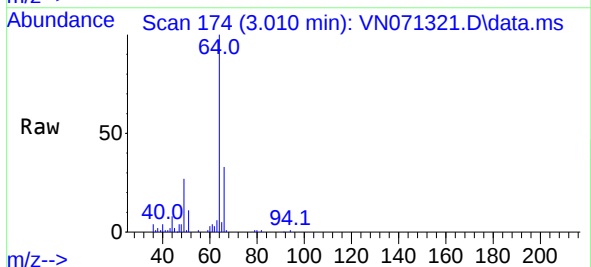
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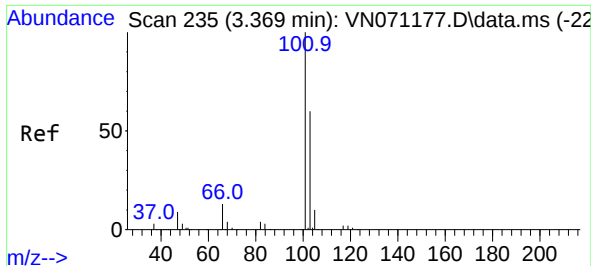
Reviewed By :John Carlone 03/17/2022
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#6
Chloroethane
Concen: 19.234 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion: 64 Resp: 99542
Ion Ratio Lower Upper
64 100
66 33.8 26.3 39.5





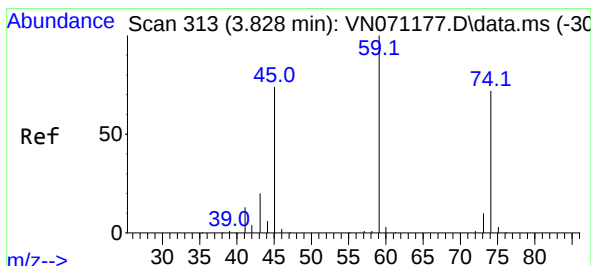
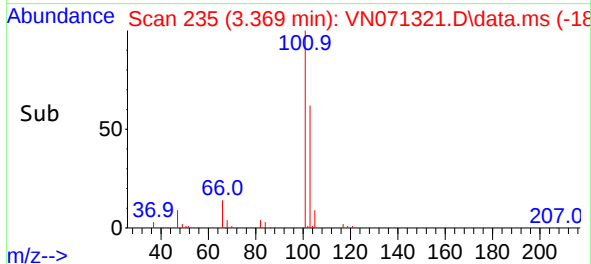
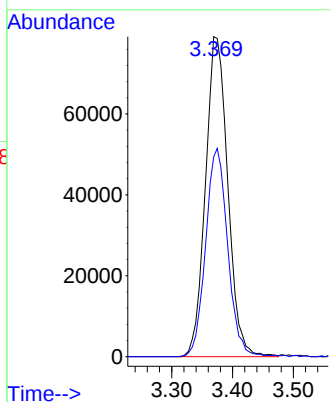
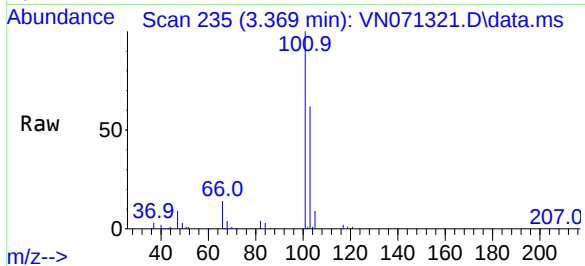
#7
 Trichlorofluoromethane
 Concen: 17.922 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071321.D
 Acq: 16 Mar 2022 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Tgt Ion:101 Resp: 201590
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1

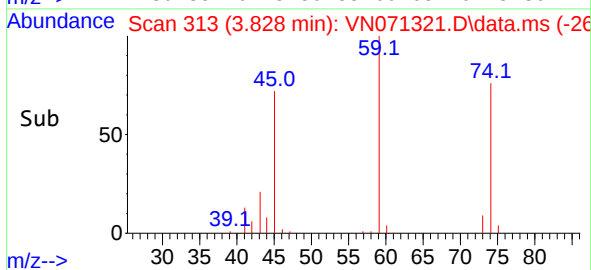
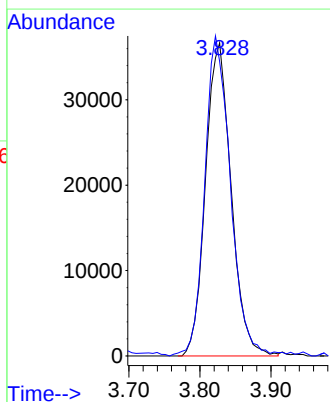
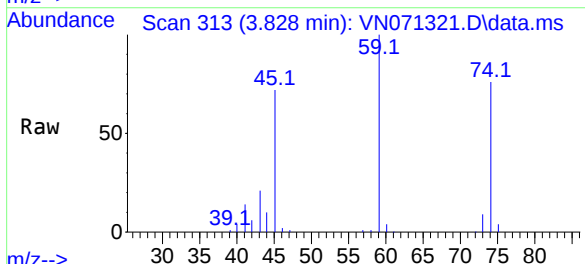
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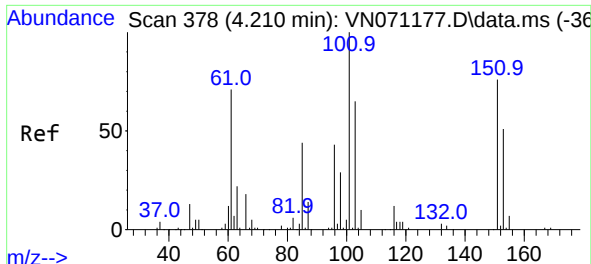
Reviewed By :John Carlone 03/17/2022
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#8
 Diethyl Ether
 Concen: 19.124 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VN071321.D
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Tgt Ion: 74 Resp: 92052
 Ion Ratio Lower Upper
 74 100
 45 102.8 47.0 141.2





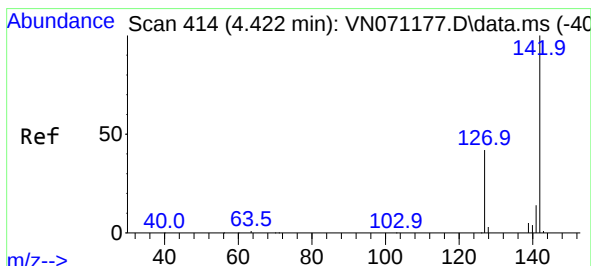
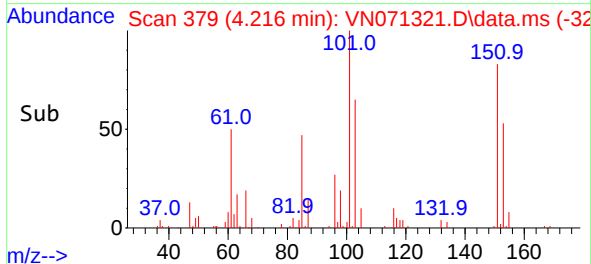
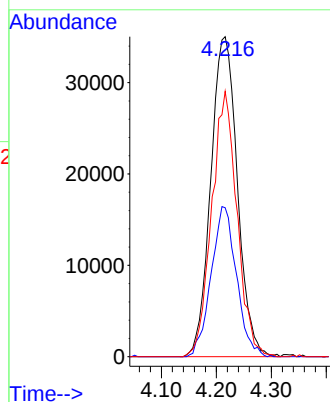
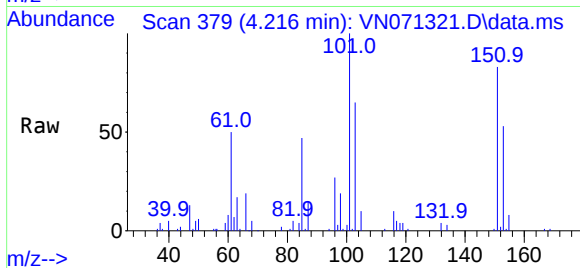
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.116 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion:101 Resp: 11796
Ion Ratio Lower Upper
101 100
85 44.7 37.2 55.8
151 78.8 65.9 98.9

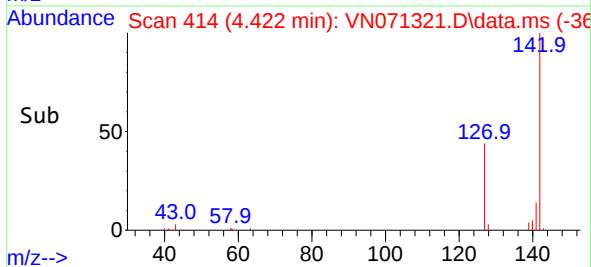
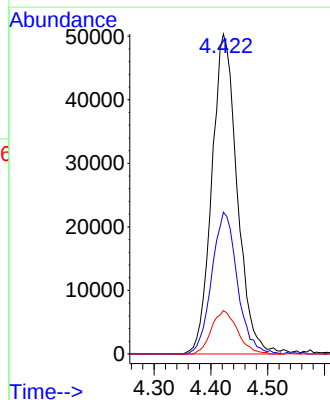
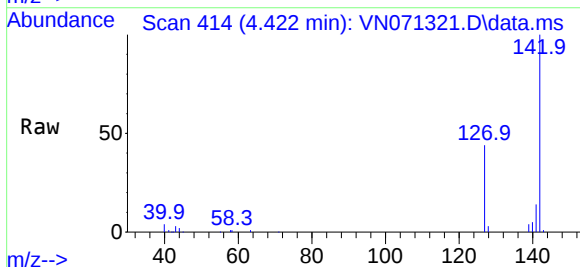
Manual Integrations
APPROVED

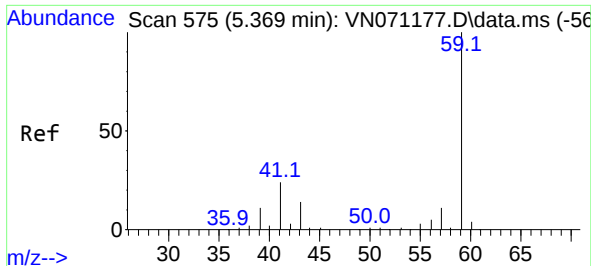
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 16.940 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion:142 Resp: 155796
Ion Ratio Lower Upper
142 100
127 44.7 35.4 53.0
141 13.9 11.6 17.4





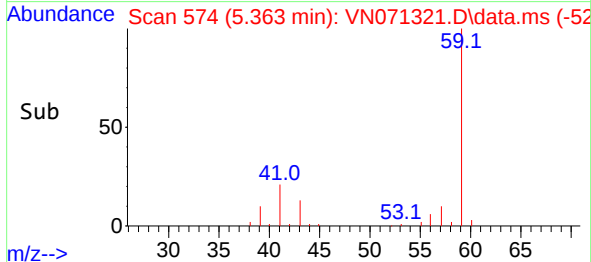
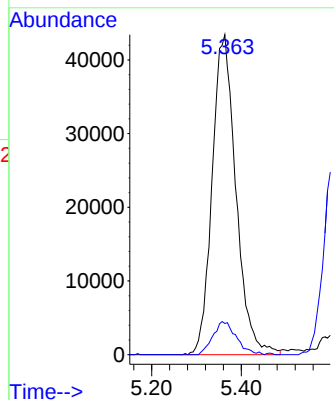
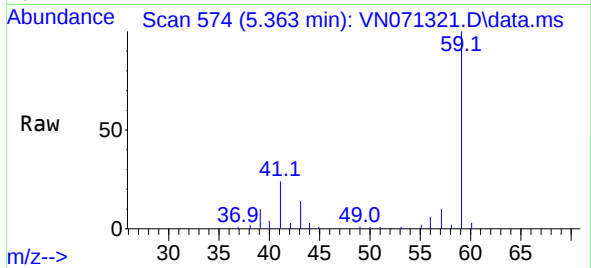
#11
Tert butyl alcohol
Concen: 93.560 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 59 Resp: 160279
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

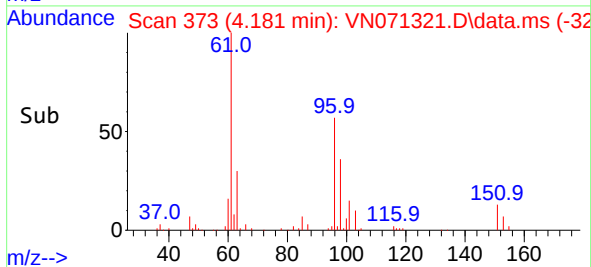
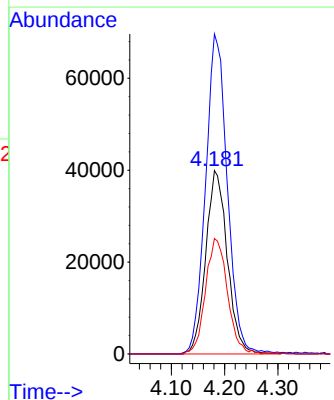
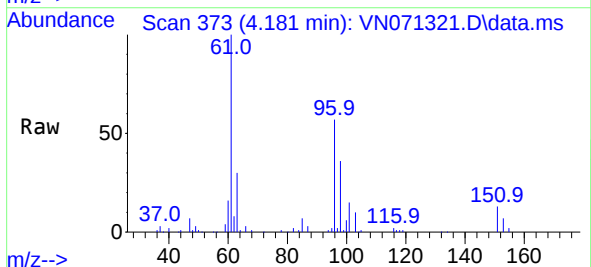
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#12
1,1-Dichloroethene
Concen: 17.603 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion: 96 Resp: 112285
Ion Ratio Lower Upper
96 100
61 174.5 131.0 196.6
98 63.0 52.4 78.6





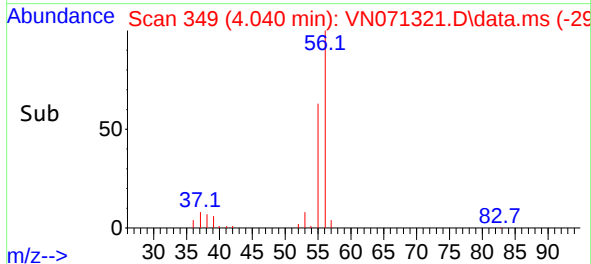
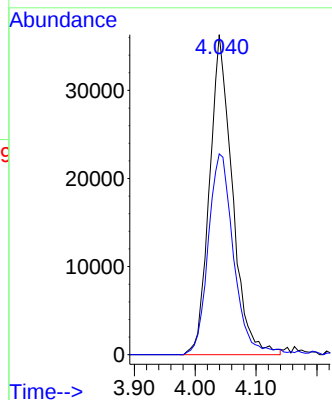
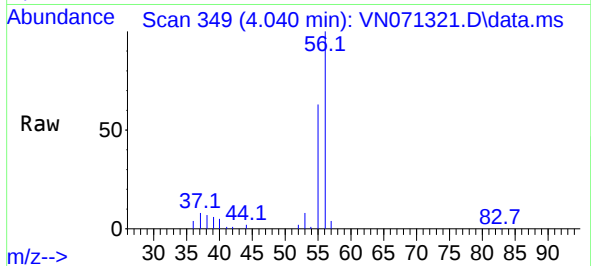
#13
Acrolein
Concen: 52.116 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 56 Resp: 94499
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

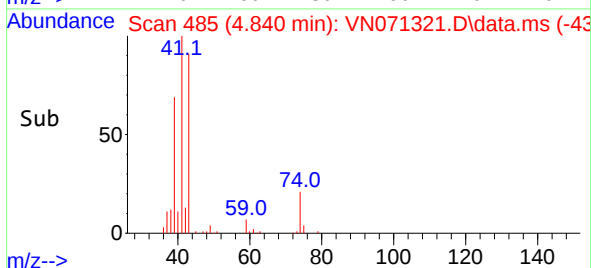
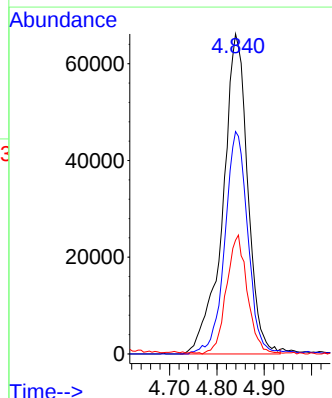
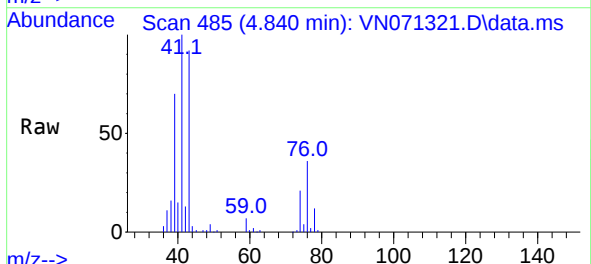
Manual Integrations
APPROVED

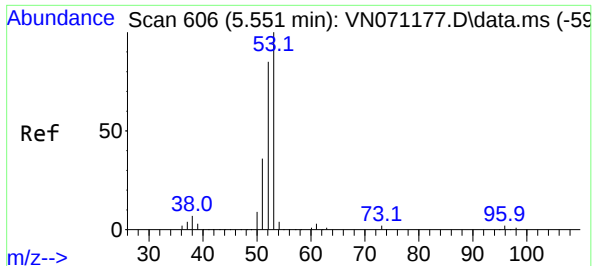
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#14
Allyl chloride
Concen: 17.472 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

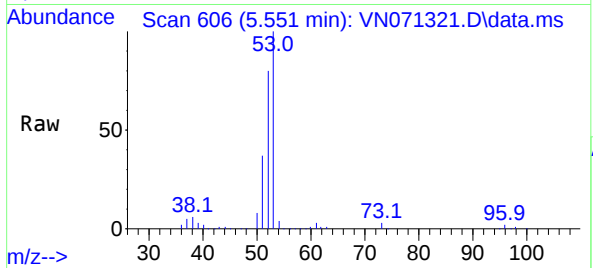
Tgt Ion: 41 Resp: 242414
Ion Ratio Lower Upper
41 100
39 64.3 61.2 91.8
76 31.2 26.0 39.0





#15
Acrylonitrile
Concen: 93.510 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

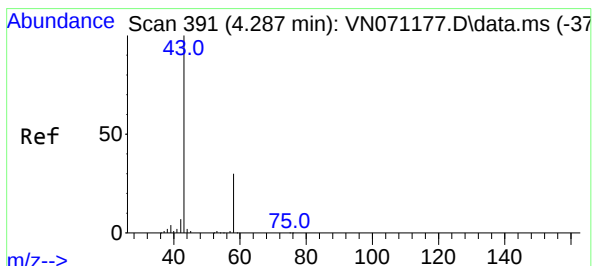
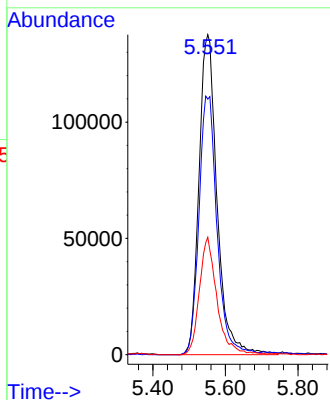
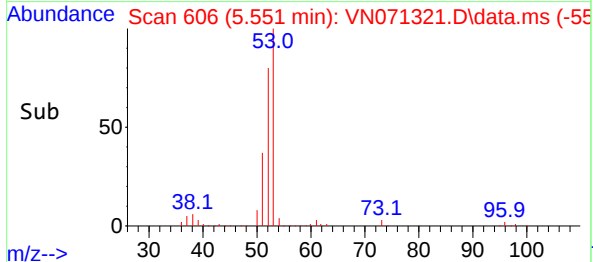
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



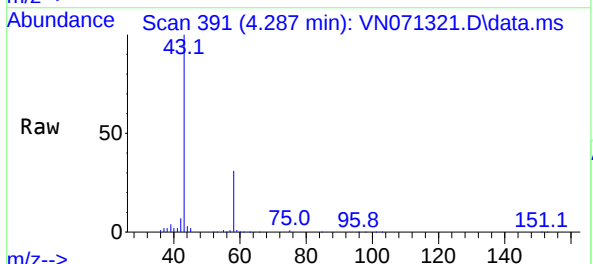
Tgt Ion: 53 Resp: 47566
Ion Ratio Lower Upper
53 100
52 80.9 66.2 99.2
51 35.2 29.6 44.4

Manual Integrations
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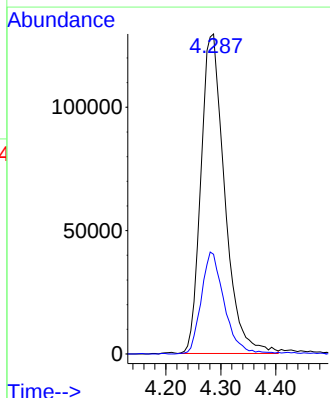
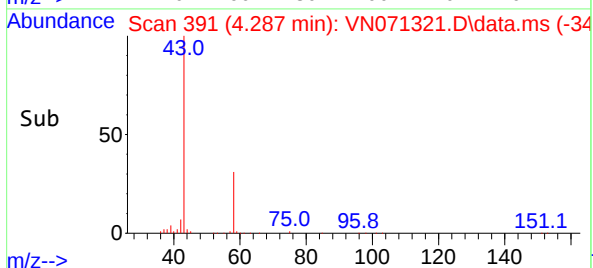
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

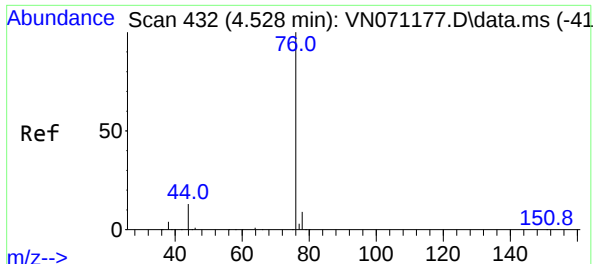


#16
Acetone
Concen: 91.873 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 43 Resp: 389826
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





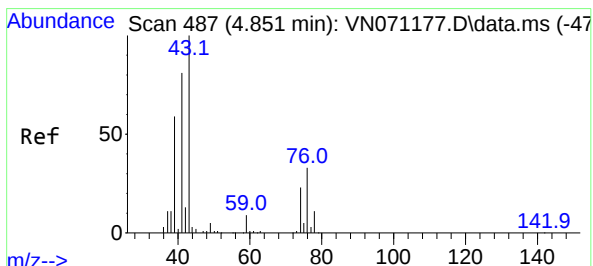
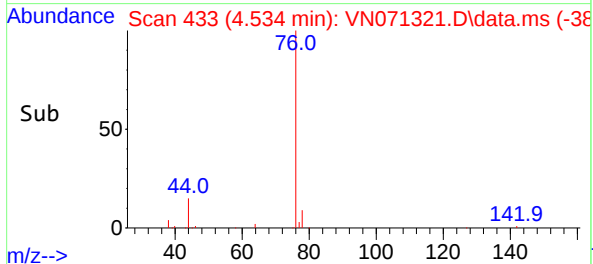
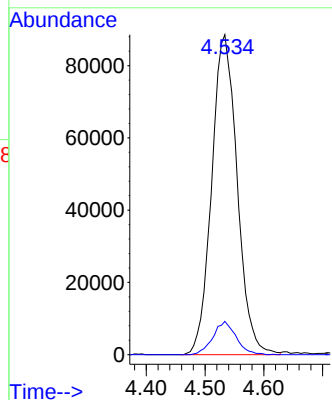
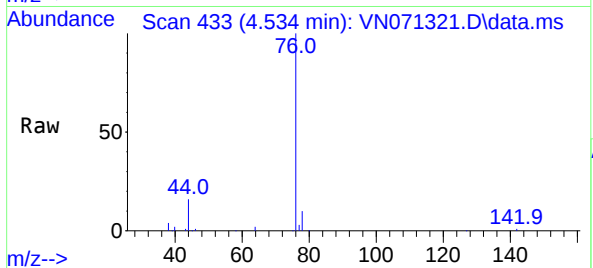
#17
Carbon Disulfide
Concen: 14.703 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 76 Resp: 26701
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

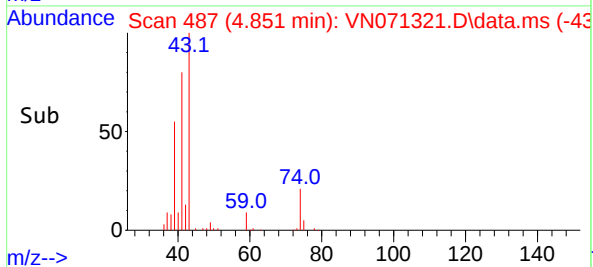
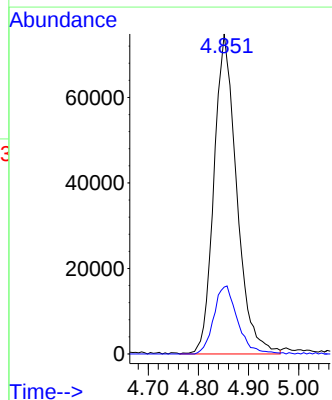
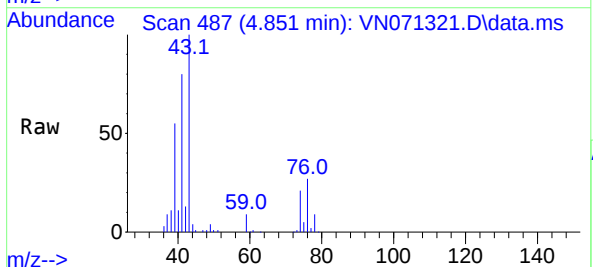
Manual Integrations
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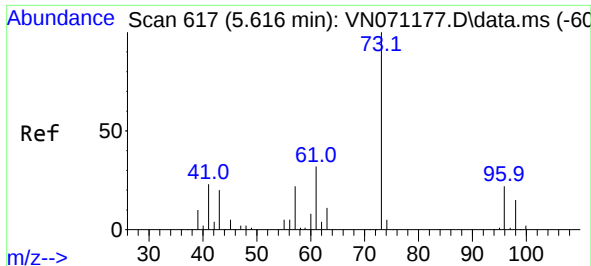
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#18
Methyl Acetate
Concen: 21.003 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion: 43 Resp: 236207
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





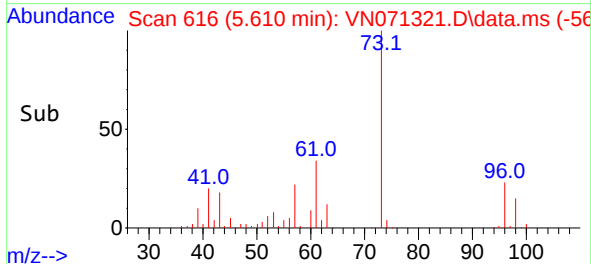
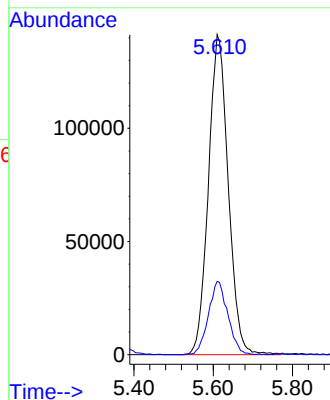
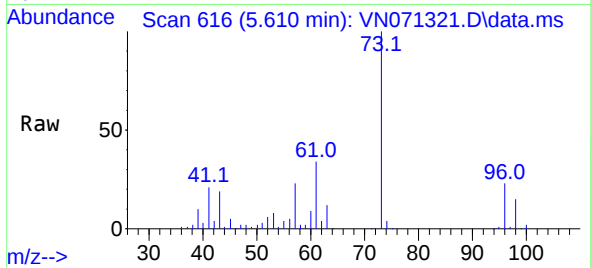
#19
Methyl tert-butyl Ether
Concen: 20.473 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 73 Resp: 490334
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

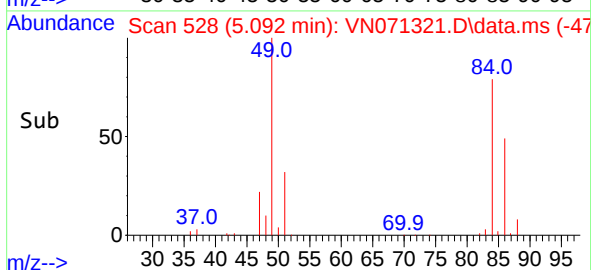
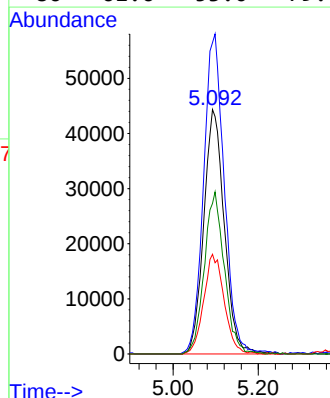
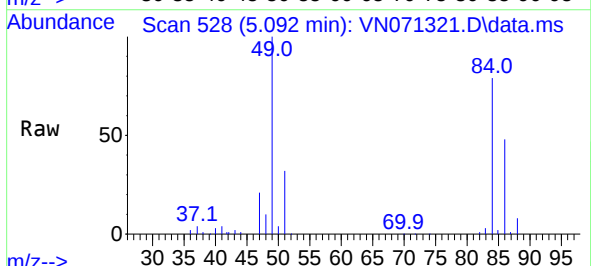
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#20
Methylene Chloride
Concen: 19.368 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

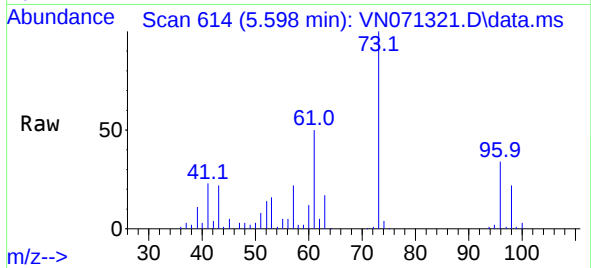
Tgt Ion: 84 Resp: 148369
Ion Ratio Lower Upper
84 100
49 127.3 93.5 140.3
51 40.7 29.4 44.2
86 61.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.579 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

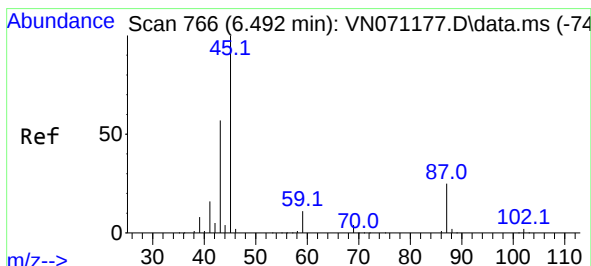
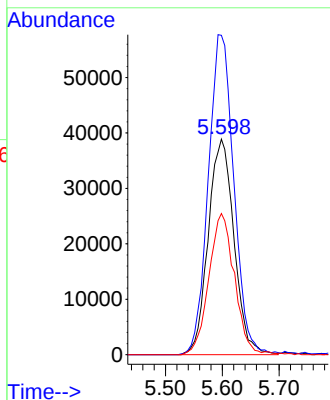
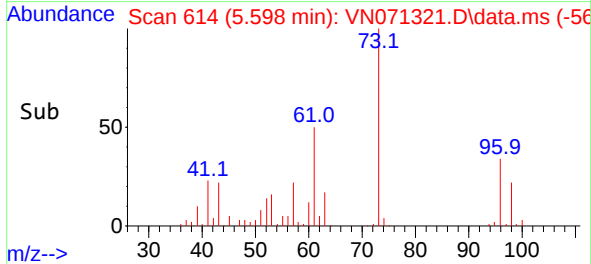
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



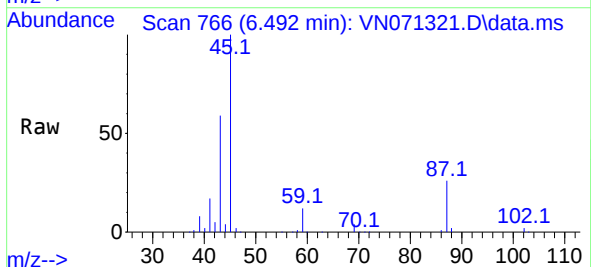
Tgt Ion: 96 Resp: 122654
Ion Ratio Lower Upper
96 100
61 148.2 105.8 158.6
98 65.5 52.0 78.0

Manual Integrations
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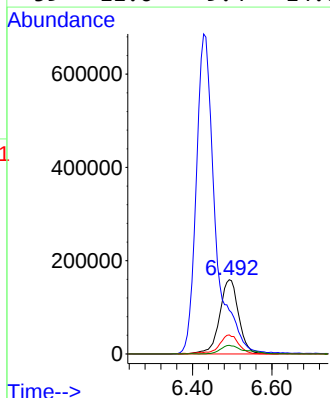
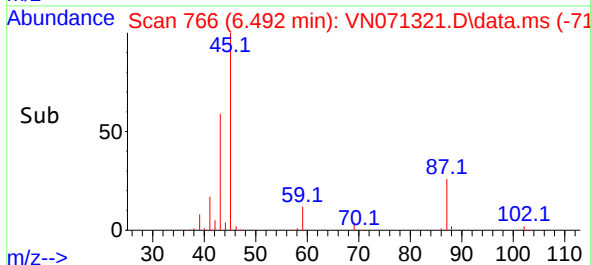
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#22
Diisopropyl ether
Concen: 19.423 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



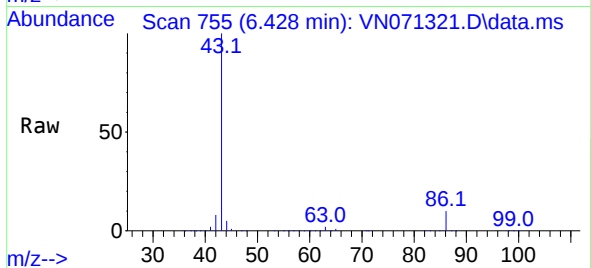
Tgt Ion: 45 Resp: 530901
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 25.5 23.2 34.8
59 11.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.701 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071321.D
 Acq: 16 Mar 2022 15:25

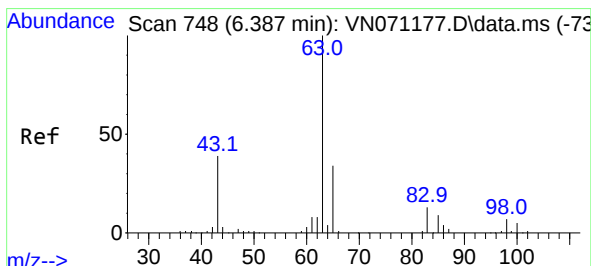
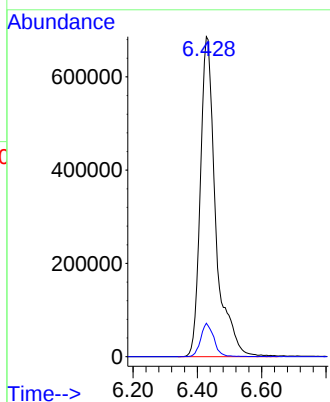
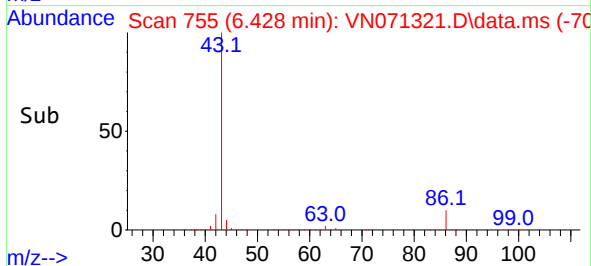
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01



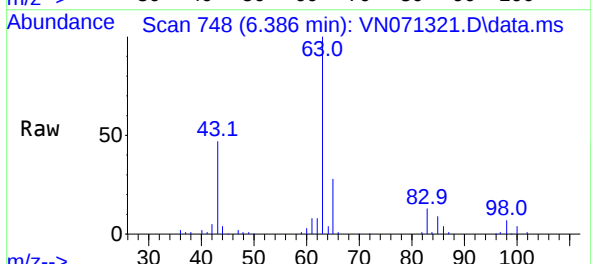
Tgt Ion: 43 Resp: 2283928
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

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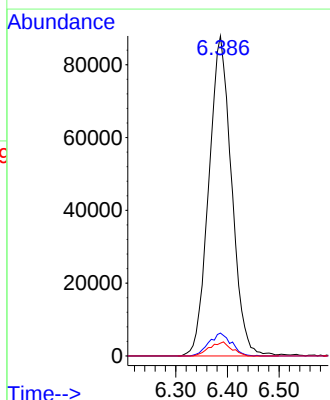
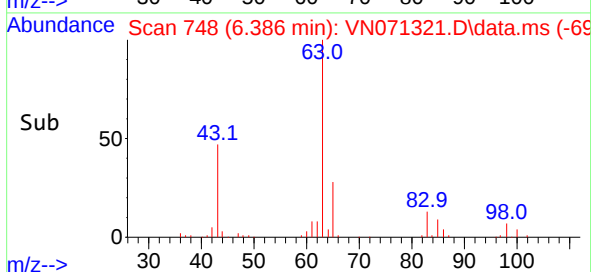
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

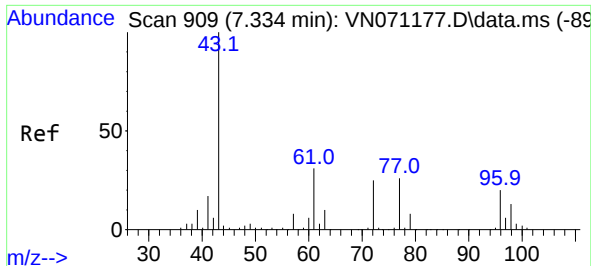


#24
 1,1-Dichloroethane
 Concen: 18.607 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071321.D
 Acq: 16 Mar 2022 15:25



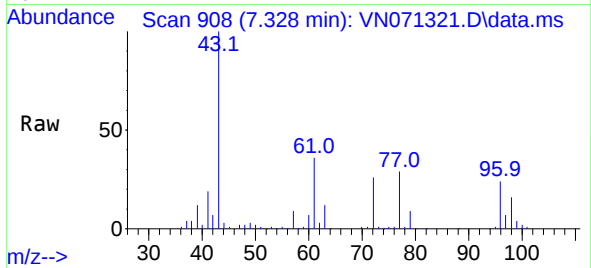
Tgt Ion: 63 Resp: 268748
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 94.346 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

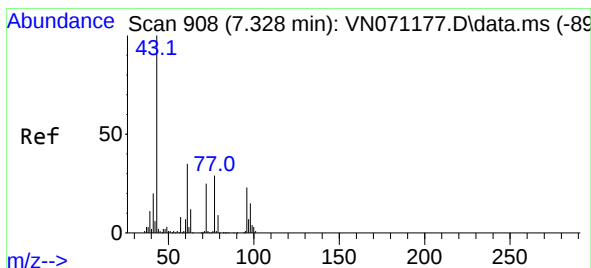
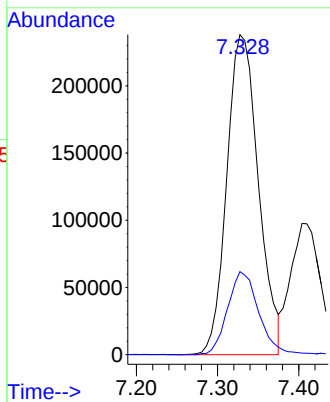
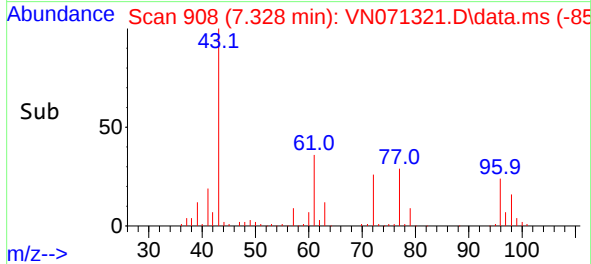
Instrument :
MSVOA_N
Client SampleId :
VN0316WBS01



Tgt Ion: 43 Resp: 644869
Ion Ratio Lower Upper
43 100
72 25.9 21.7 32.5

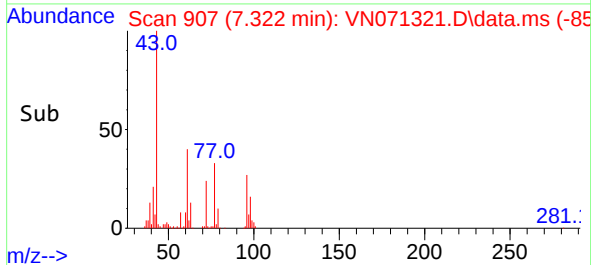
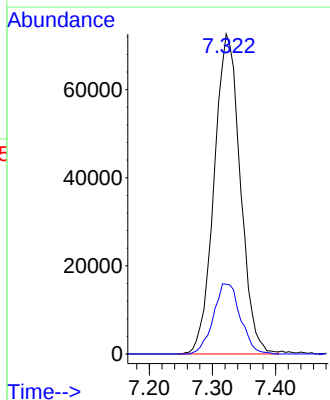
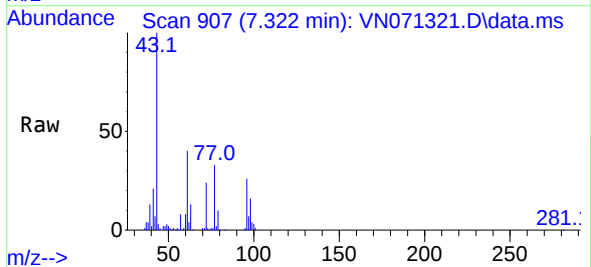
Manual Integrations
APPROVED

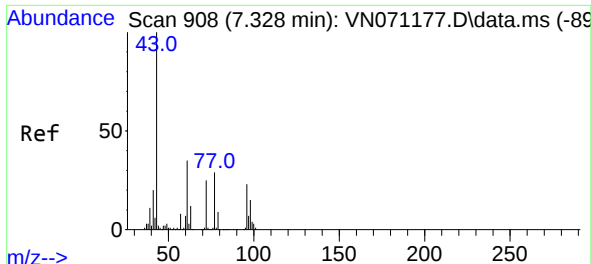
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#26
2,2-Dichloropropane
Concen: 18.775 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

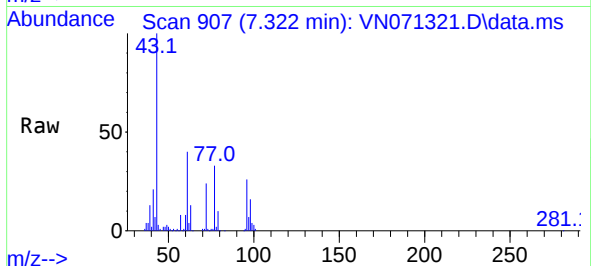
Tgt Ion: 77 Resp: 209203
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.927 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

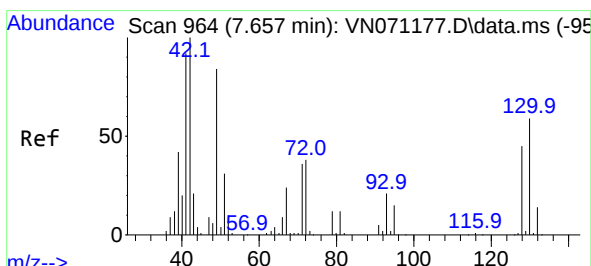
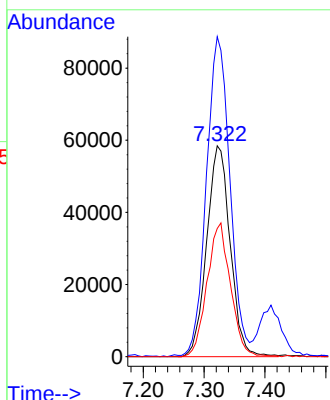
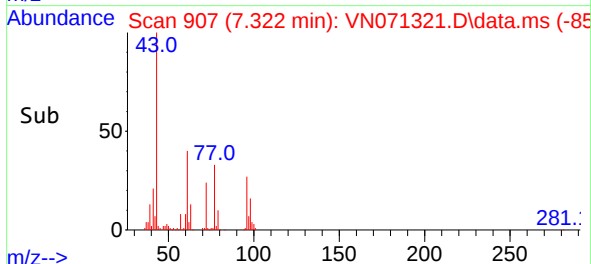
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



Tgt Ion: 96 Resp: 15673
Ion Ratio Lower Upper
96 100
61 151.8 0.0 275.0
98 63.2 0.0 129.6

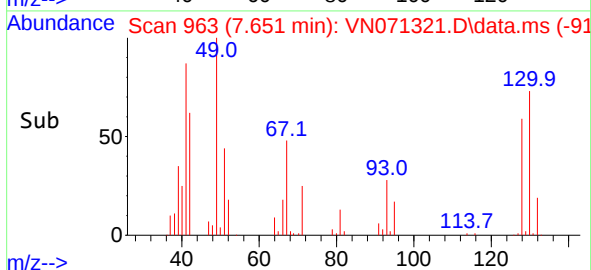
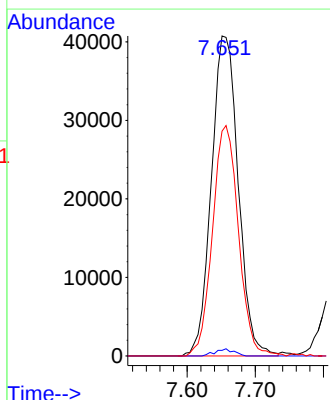
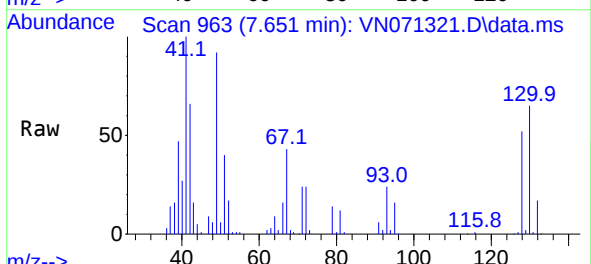
Manual Integrations
APPROVED

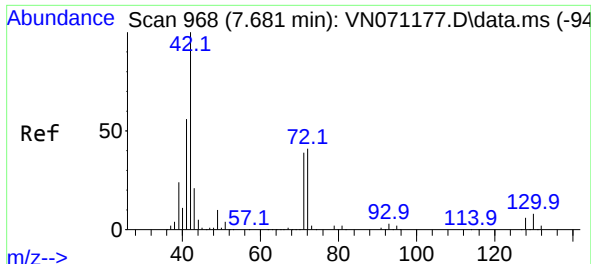
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#28
Bromochloromethane
Concen: 17.373 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

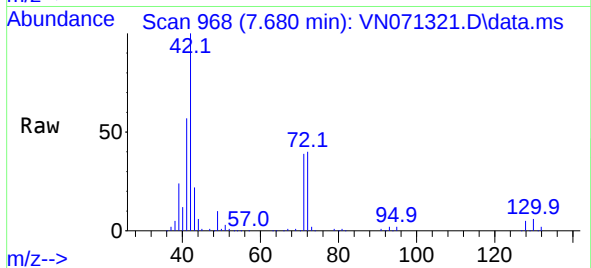
Tgt Ion: 49 Resp: 111737
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 69.7 67.8 101.8





#29
Tetrahydrofuran
Concen: 93.190 ug/l
RT: 7.680 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

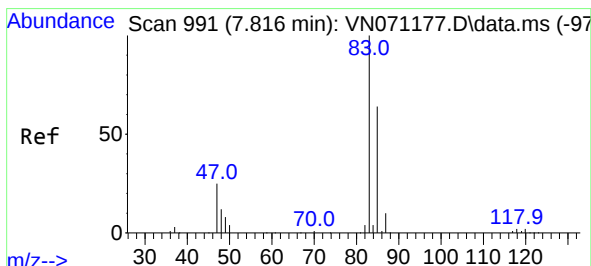
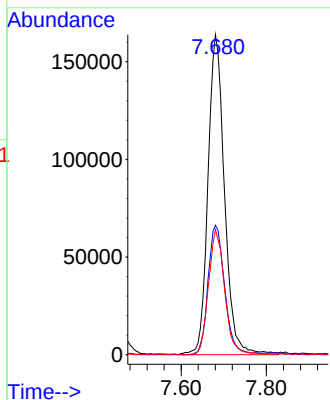
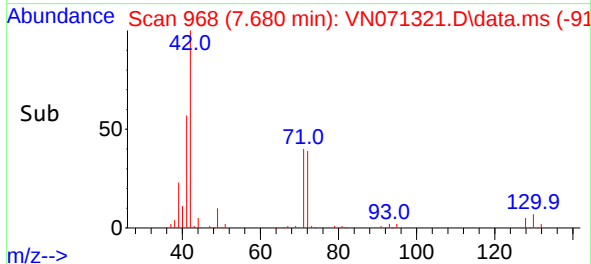
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



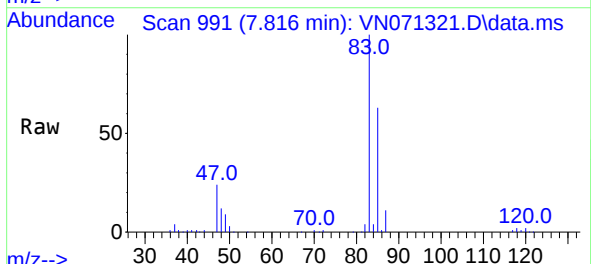
Tgt Ion: 42 Resp: 441270
Ion Ratio Lower Upper
42 100
72 40.5 36.3 54.5
71 38.1 34.7 52.1

Manual Integrations
APPROVED

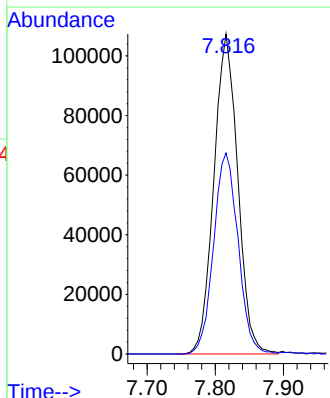
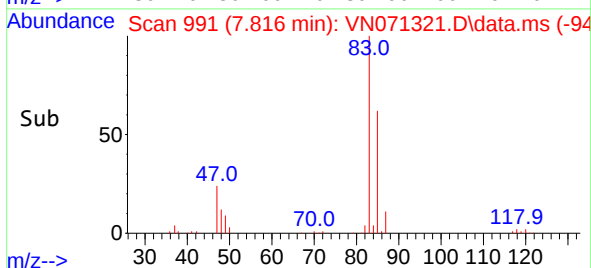
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

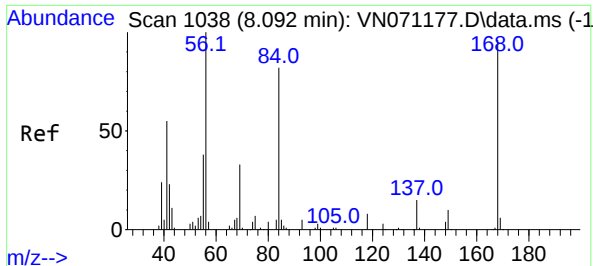


#30
Chloroform
Concen: 19.030 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



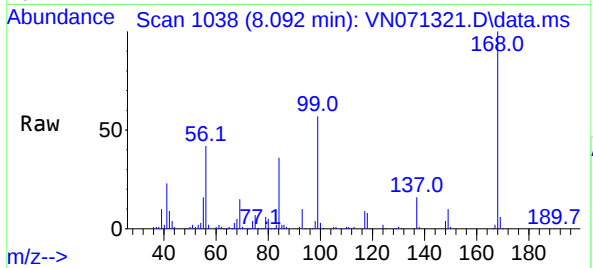
Tgt Ion: 83 Resp: 262148
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9





#31
Cyclohexane
Concen: 17.930 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

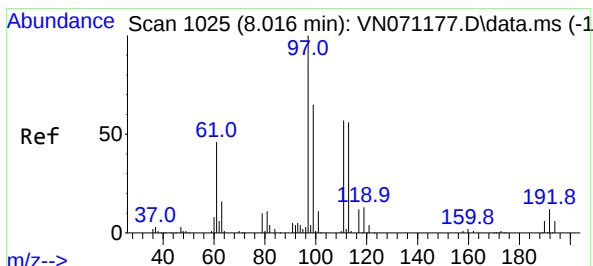
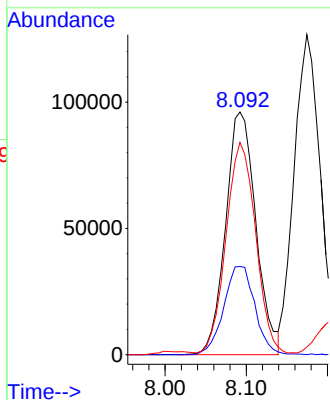
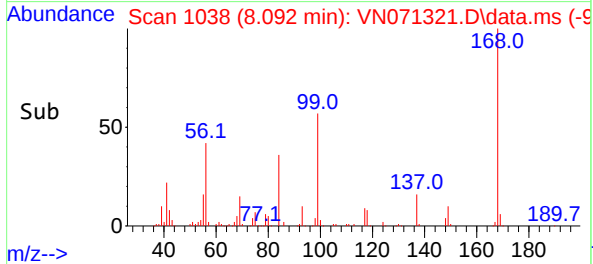
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



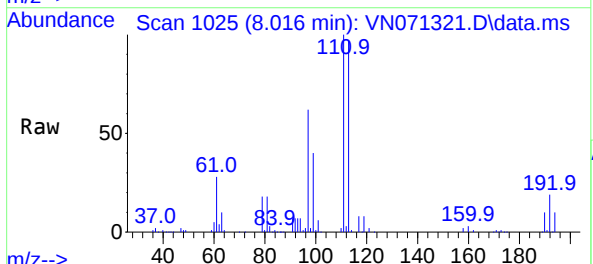
Tgt Ion: 56 Resp: 249697
Ion Ratio Lower Upper
56 100
69 36.3 27.1 40.7
84 86.0 73.4 110.0

Manual Integrations
APPROVED

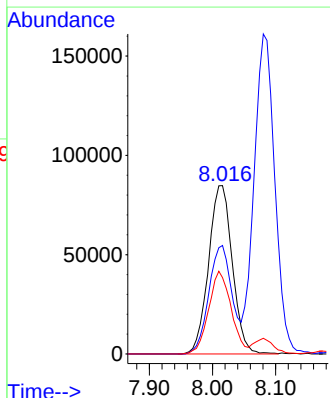
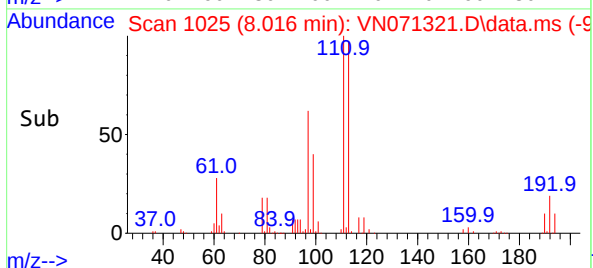
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

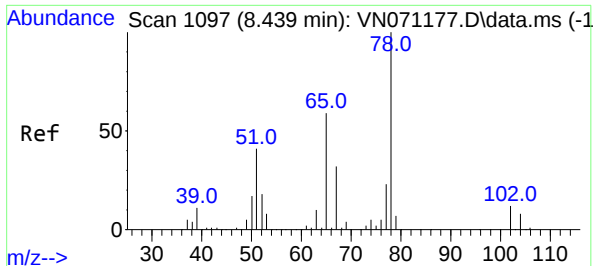


#32
1,1,1-Trichloroethane
Concen: 18.885 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 97 Resp: 221603
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 46.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.263 ug/l

RT: 8.433 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071321.D

Acq: 16 Mar 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBS01

Tgt Ion: 65 Resp: 43832

Ion Ratio Lower Upper

65 100

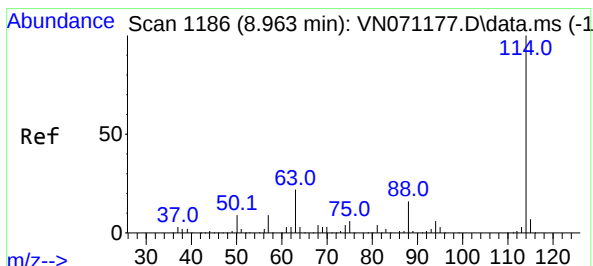
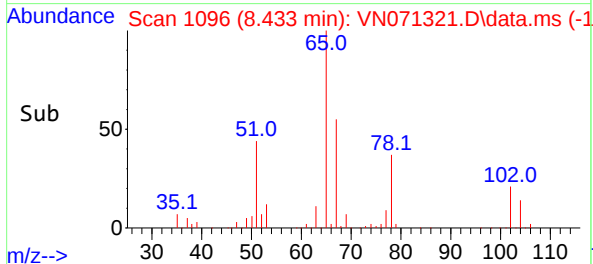
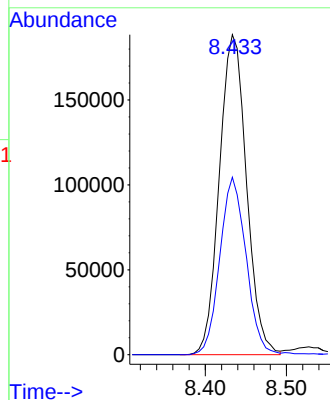
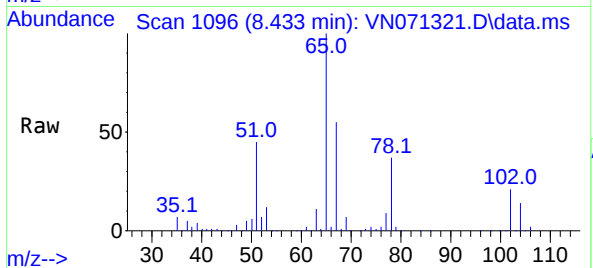
67 53.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071321.D

Acq: 16 Mar 2022 15:25

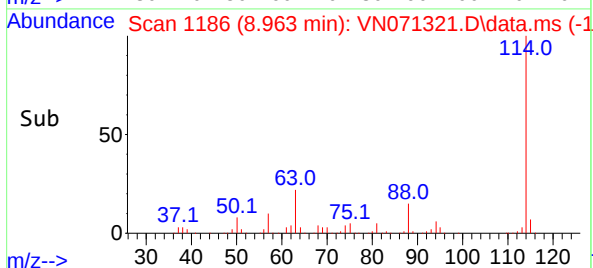
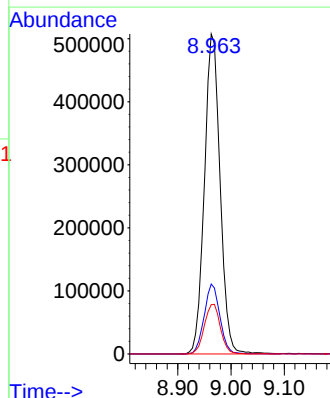
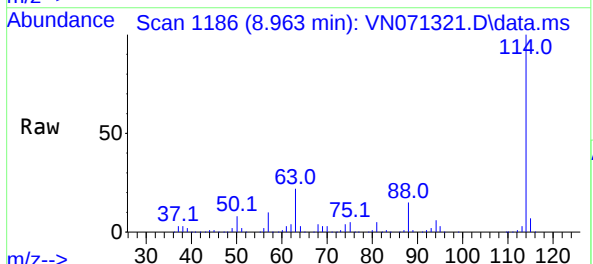
Tgt Ion:114 Resp: 1038456

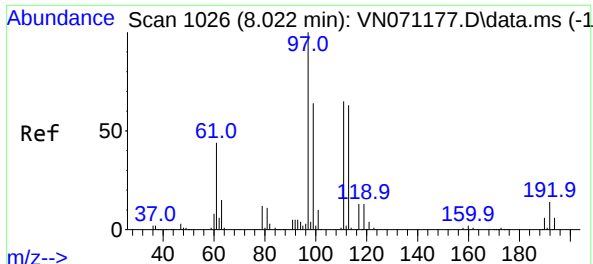
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

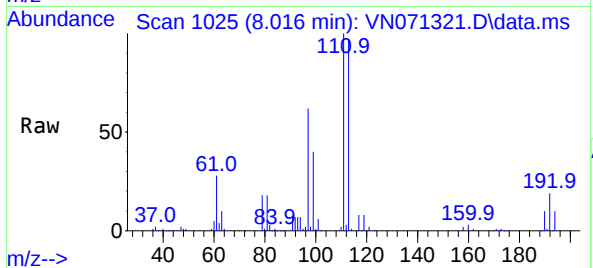
88 15.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.416 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

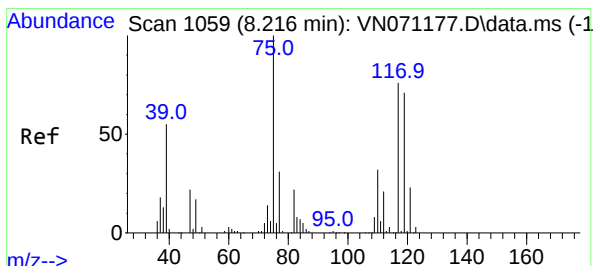
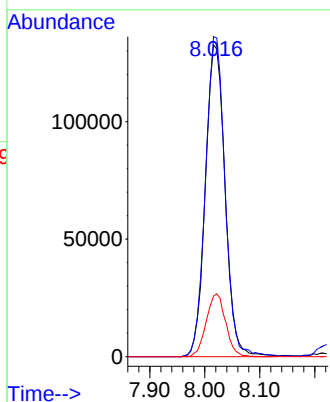
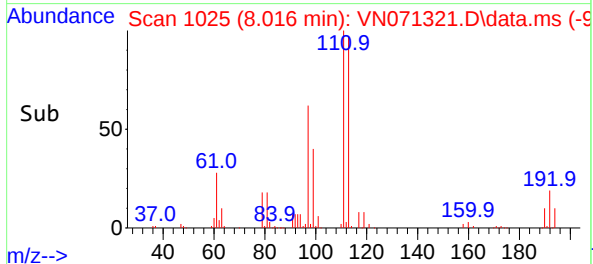
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



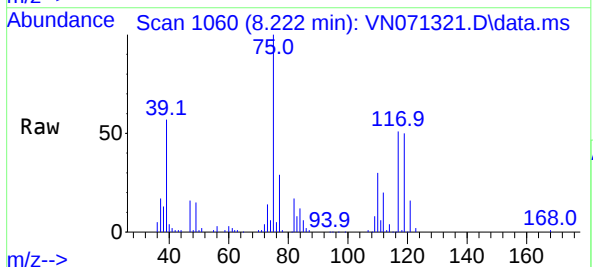
Tgt Ion:113 Resp: 330370
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.8 16.9 25.3

Manual Integrations
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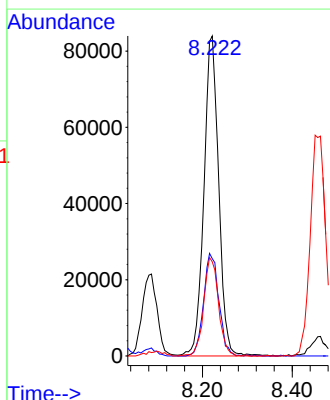
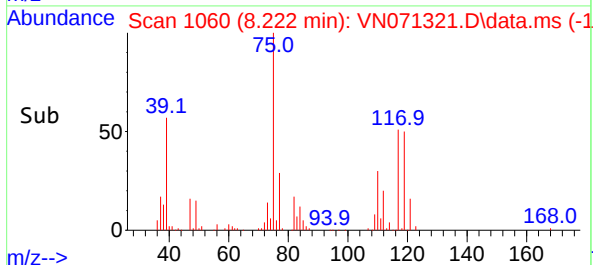
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

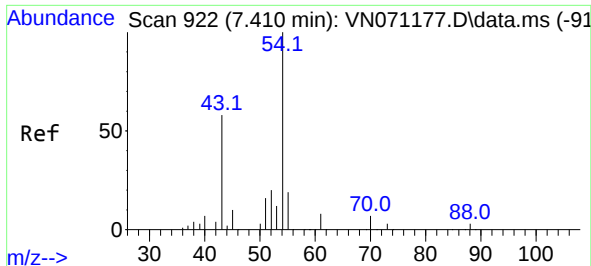


#36
1,1-Dichloropropene
Concen: 18.268 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



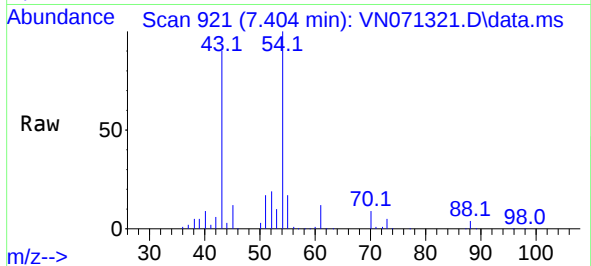
Tgt Ion: 75 Resp: 191800
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 17.949 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

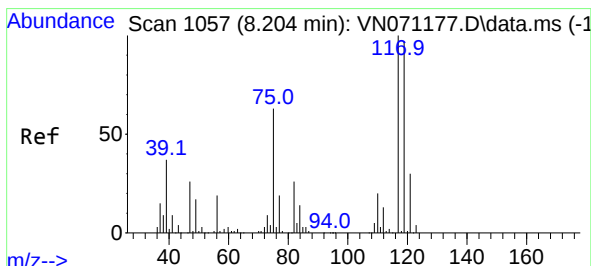
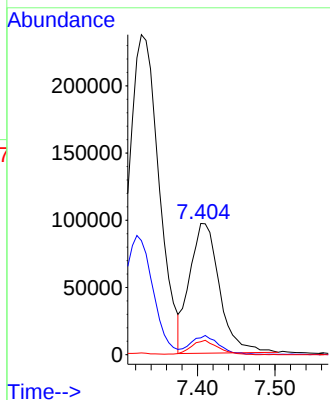
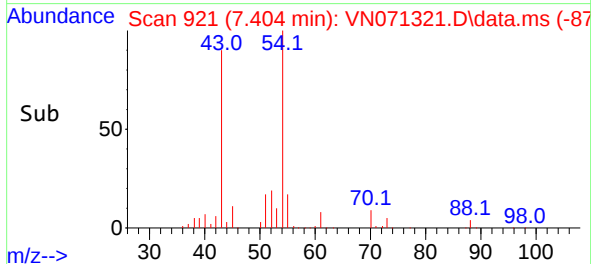
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



Tgt Ion: 43 Resp: 259350
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 10.0 7.9 11.9

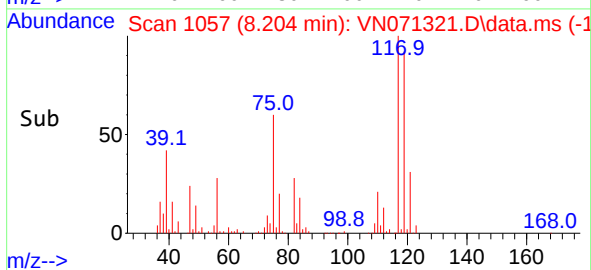
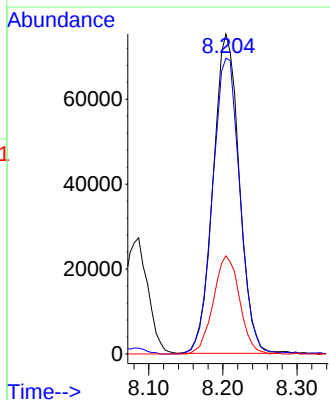
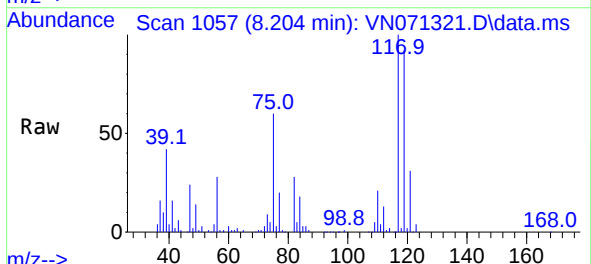
Manual Integrations
APPROVED

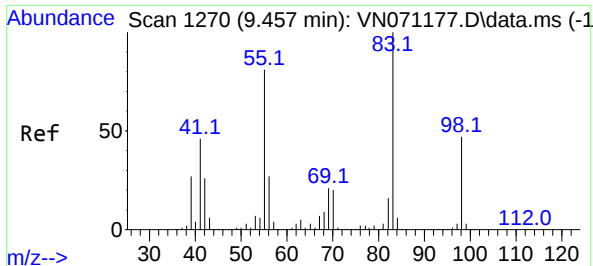
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 18.129 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

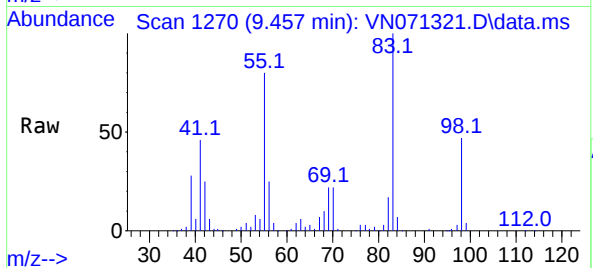
Tgt Ion:117 Resp: 184108
Ion Ratio Lower Upper
117 100
119 92.6 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 18.476 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

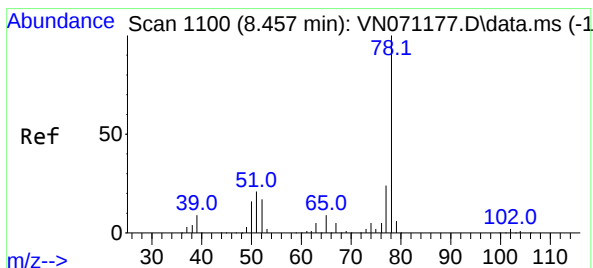
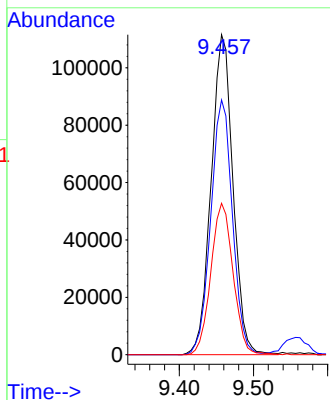
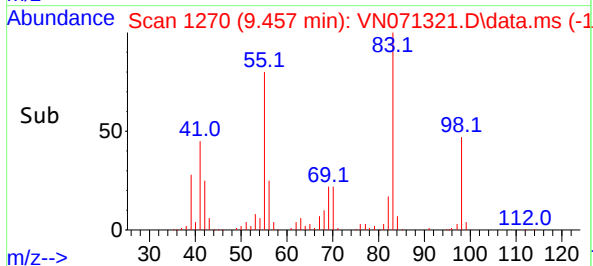
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



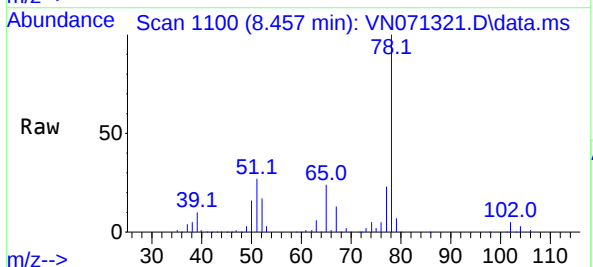
Tgt Ion: 83 Resp: 22820
Ion Ratio Lower Upper
83 100
55 79.6 58.1 87.1
98 47.3 38.4 57.6

Manual Integrations
APPROVED

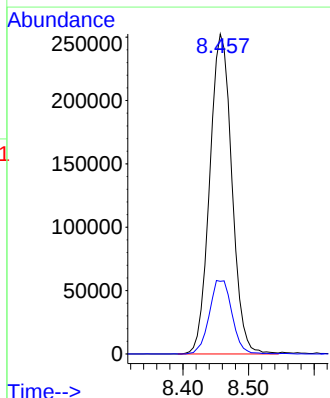
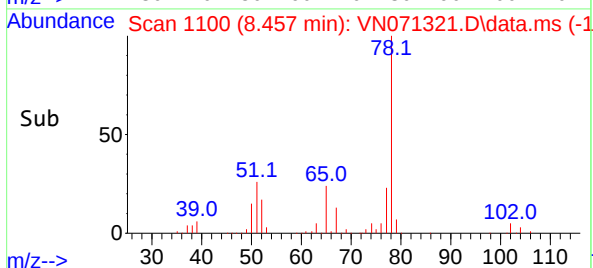
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

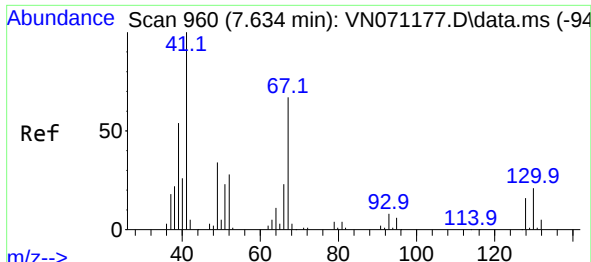


#40
Benzene
Concen: 18.705 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



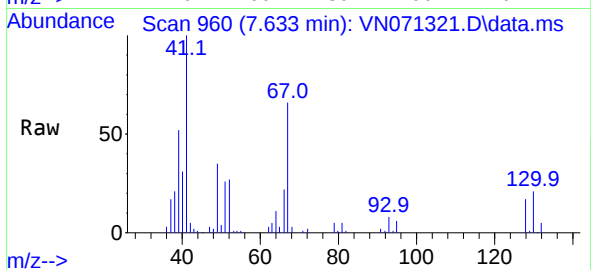
Tgt Ion: 78 Resp: 591718
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8





#41
Methacrylonitrile
Concen: 19.100 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

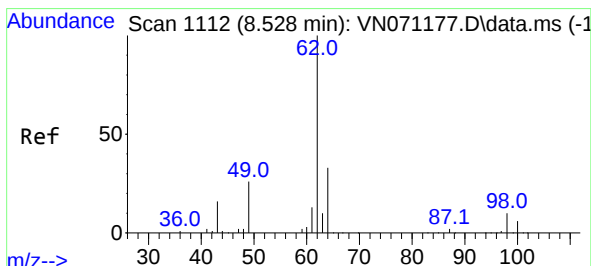
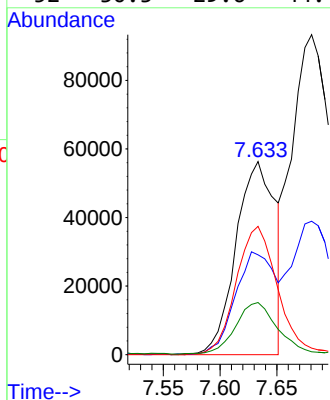
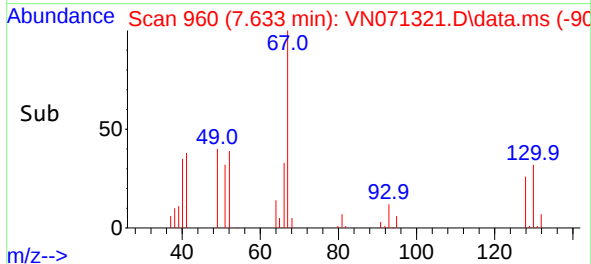
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



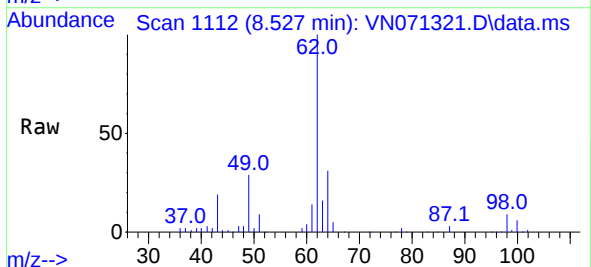
Tgt Ion: 41 Resp: 135062
Ion Ratio Lower Upper
41 100
39 53.7 48.1 72.1
67 70.4 68.3 102.5
52 30.3 29.6 44.4

Manual Integrations
APPROVED

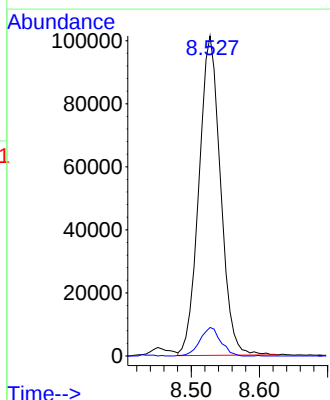
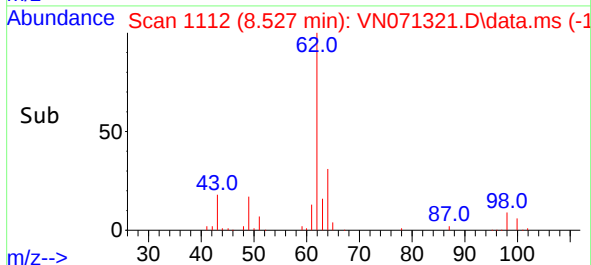
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

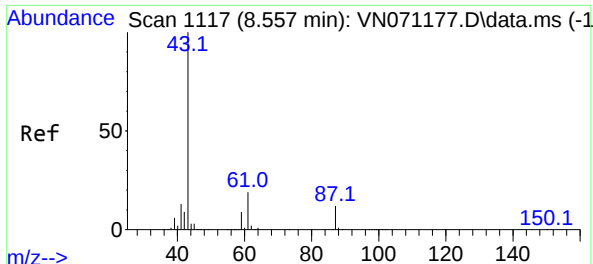


#42
1,2-Dichloroethane
Concen: 20.230 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



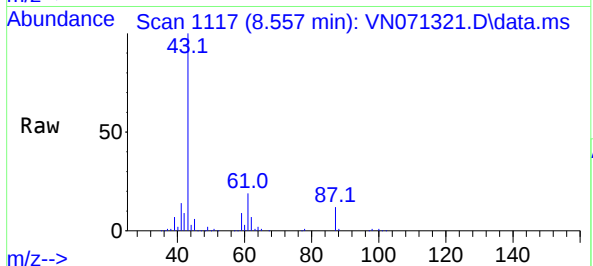
Tgt Ion: 62 Resp: 222691
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.553 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

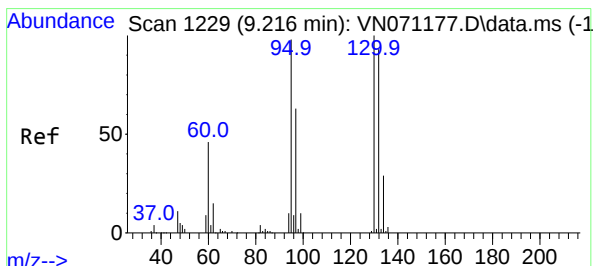
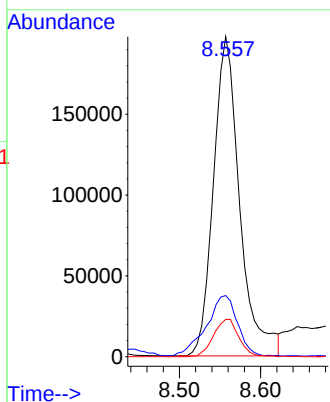
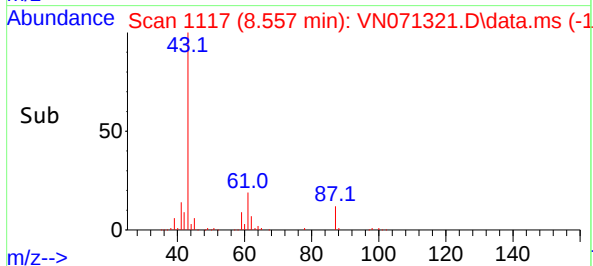
Instrument :
MSVOA_N
Client Sample Id :
VN0316WBS01



Tgt Ion: 43 Resp: 44412
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 11.3 11.2 16.8

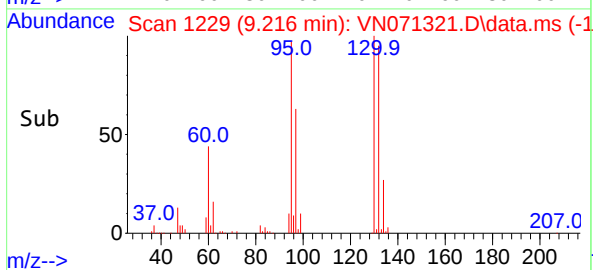
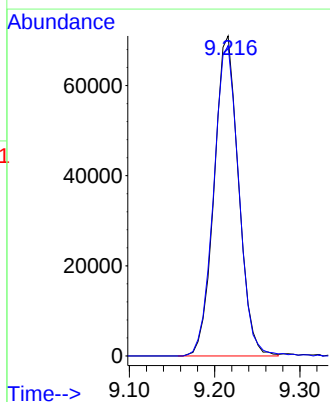
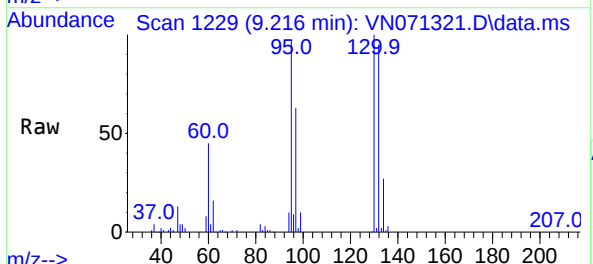
Manual Integrations
APPROVED

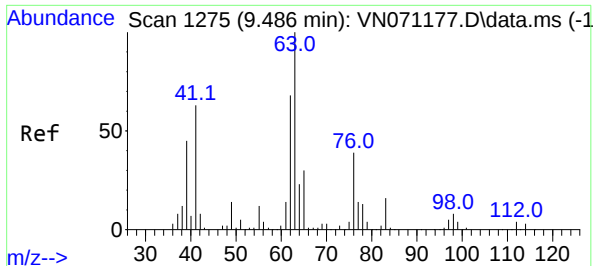
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 18.880 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion:130 Resp: 140922
Ion Ratio Lower Upper
130 100
95 97.0 0.0 191.2





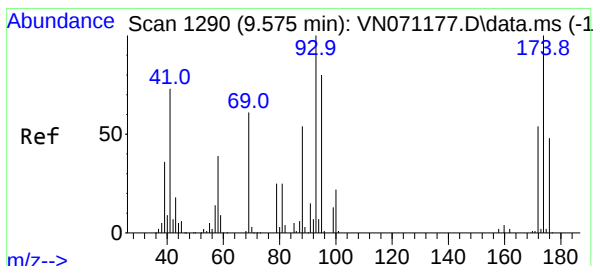
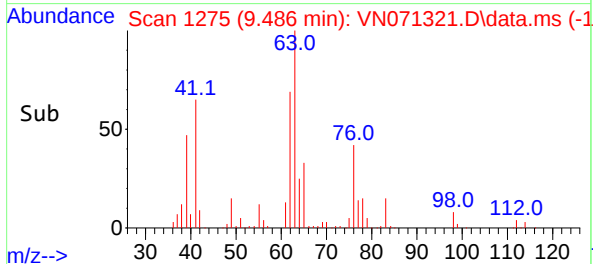
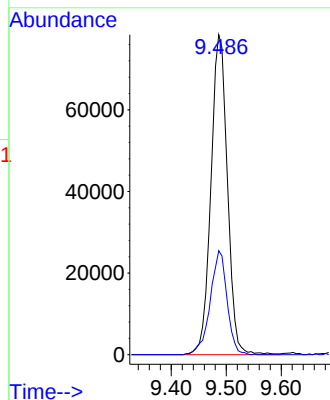
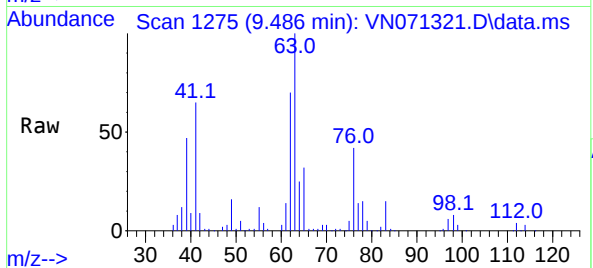
#45
1,2-Dichloropropane
Concen: 19.230 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 63 Resp: 16330
Ion Ratio Lower Upper
63 100
65 32.5 24.7 37.1

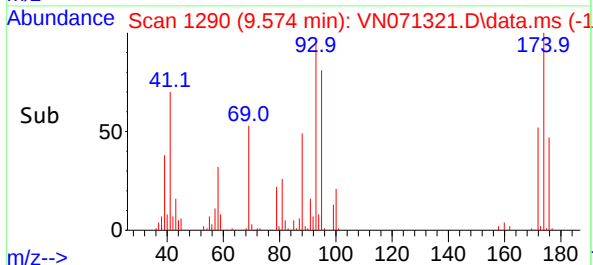
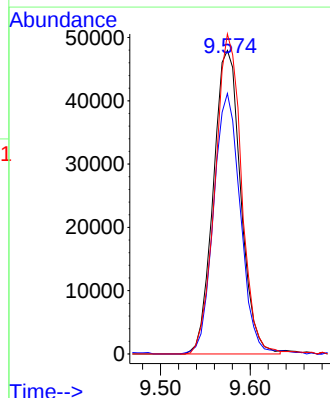
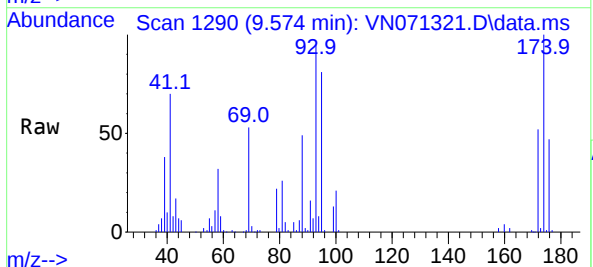
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 19.454 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

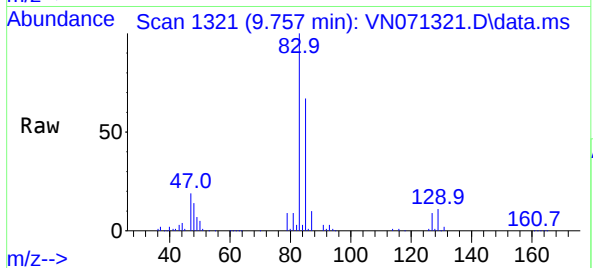
Tgt Ion: 93 Resp: 101679
Ion Ratio Lower Upper
93 100
95 84.1 65.9 98.9
174 102.0 84.6 127.0





#47
Bromodichloromethane
Concen: 19.350 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

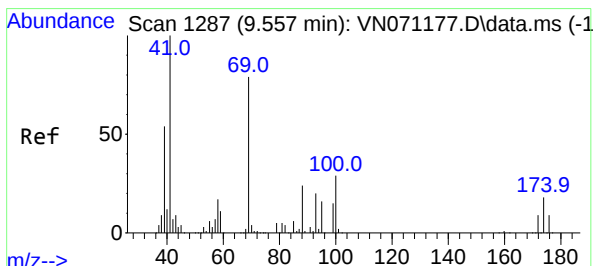
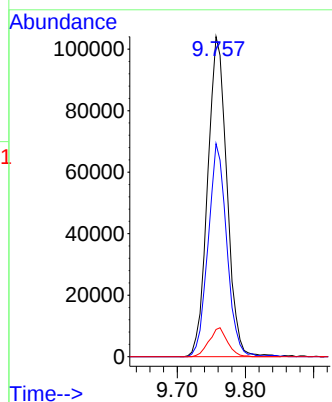
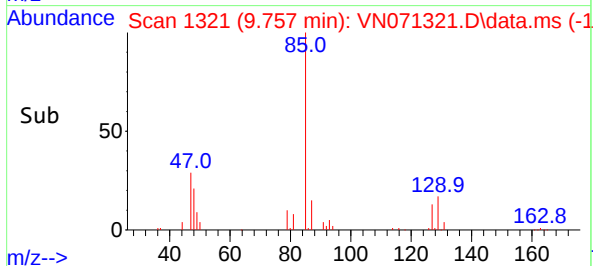
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



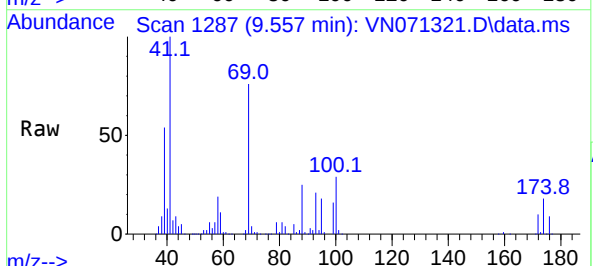
Tgt Ion: 83 Resp: 20438
Ion Ratio Lower Upper
83 100
85 66.5 50.9 76.3
127 8.5 7.1 10.7

Manual Integrations
APPROVED

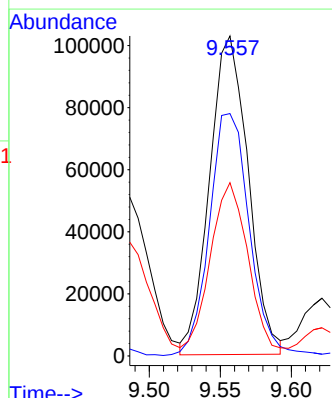
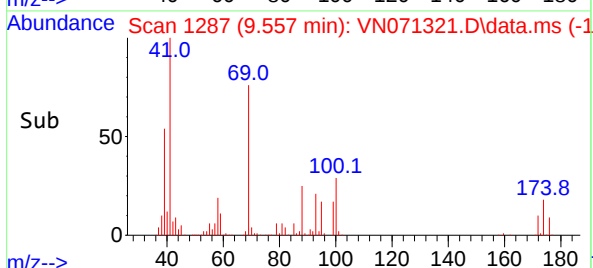
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

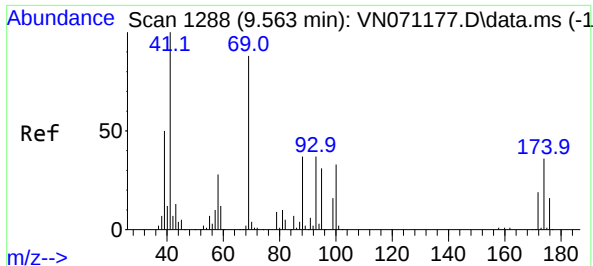


#48
Methyl methacrylate
Concen: 19.391 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



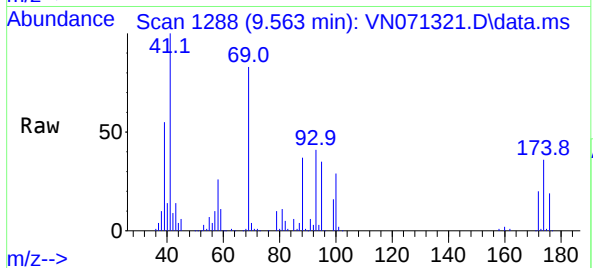
Tgt Ion: 41 Resp: 194176
Ion Ratio Lower Upper
41 100
69 78.7 72.4 108.6
39 54.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 390.419 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

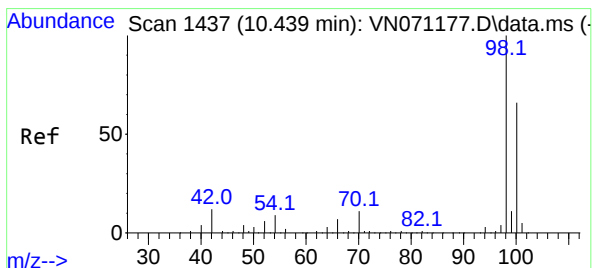
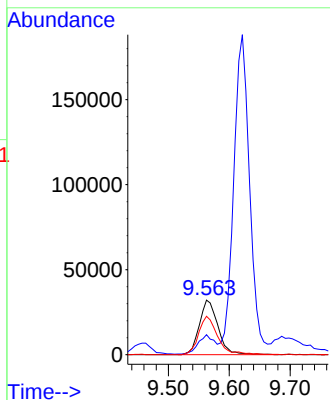
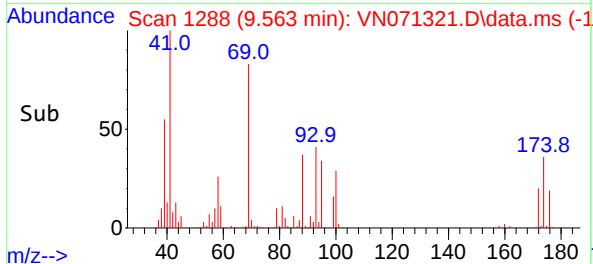
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



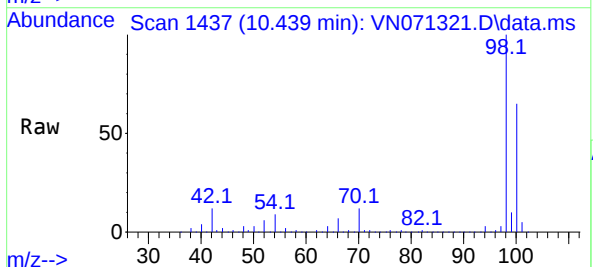
Tgt Ion: 88 Resp: 67950
Ion Ratio Lower Upper
88 100
43 30.7 23.4 35.2
58 72.7 50.6 75.8

Manual Integrations
APPROVED

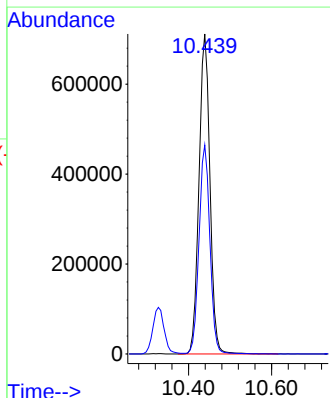
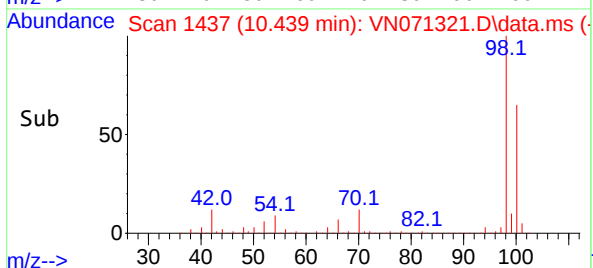
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 98 Resp: 1296569
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6





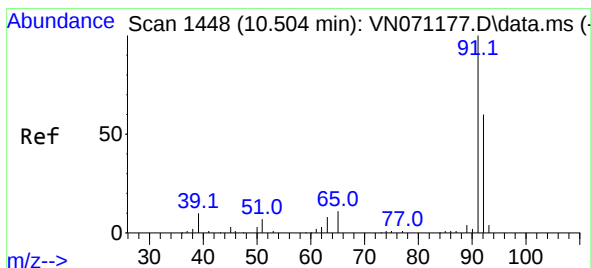
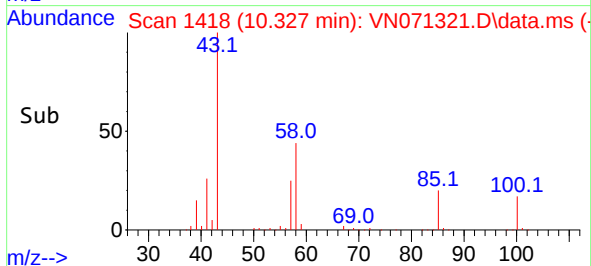
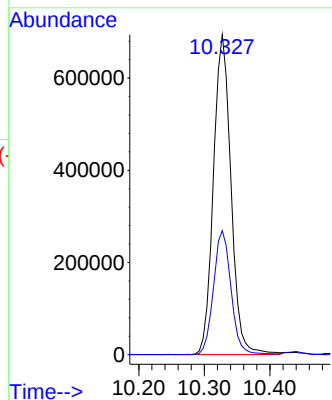
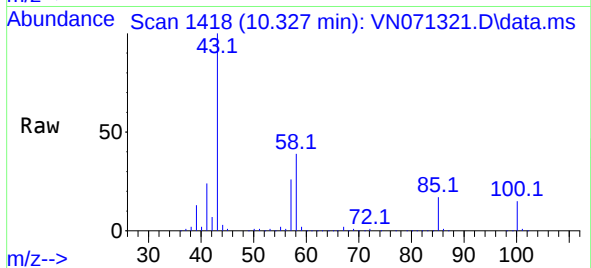
#51
4-Methyl-2-Pentanone
Concen: 96.142 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 43 Resp: 1289279
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

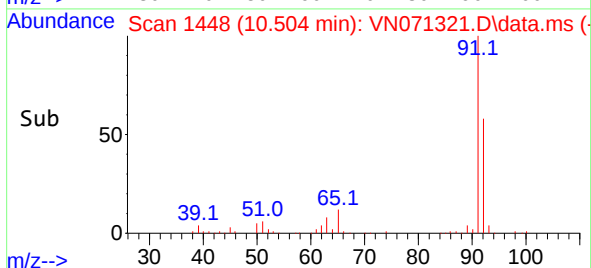
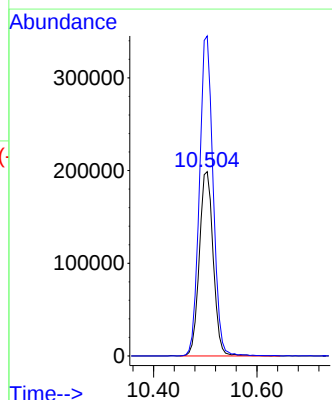
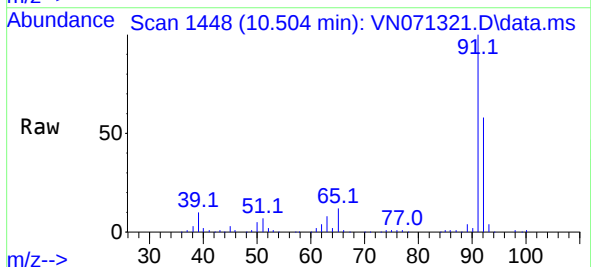
Manual Integrations
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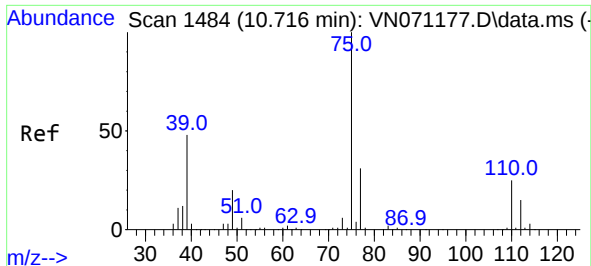
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 18.999 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

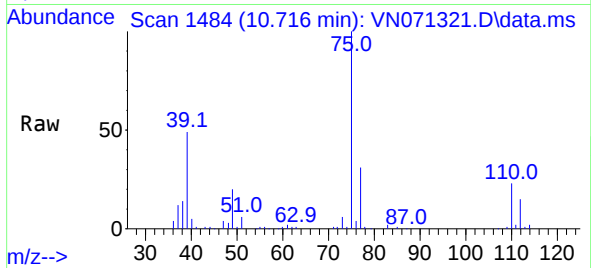
Tgt Ion: 92 Resp: 370095
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.249 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

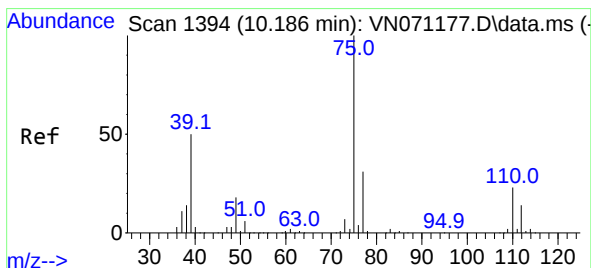
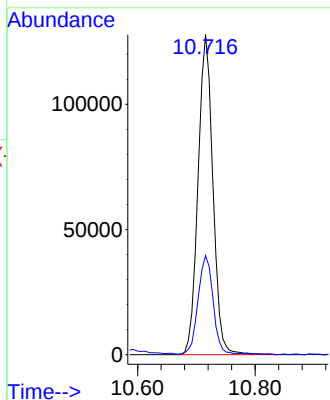
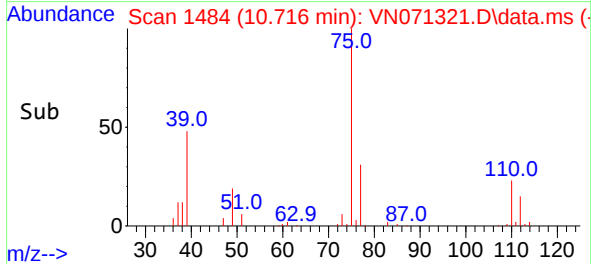
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



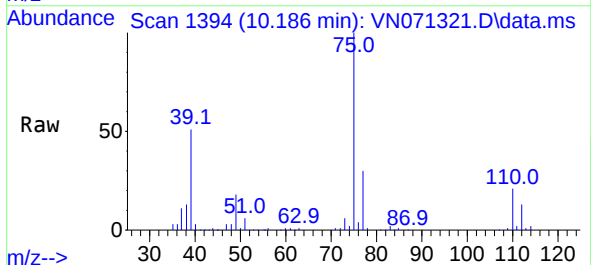
Tgt Ion: 75 Resp: 22413
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

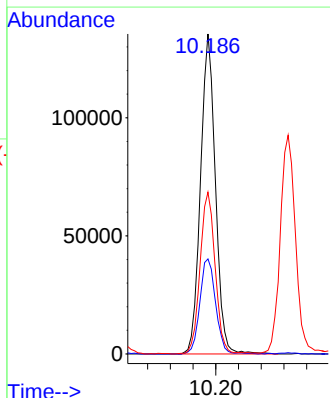
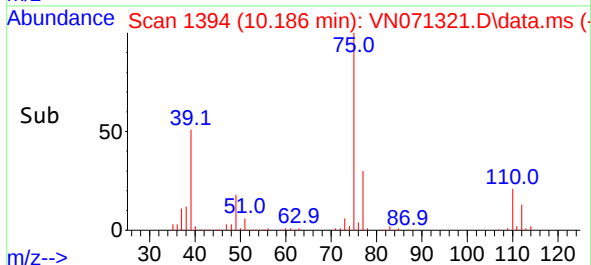
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

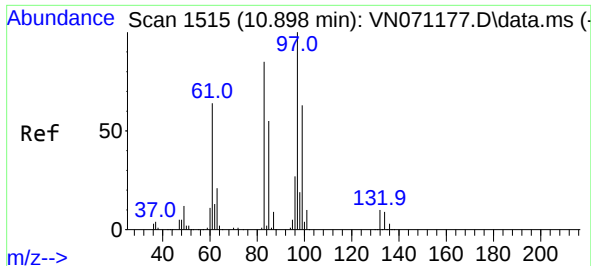


#54
cis-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



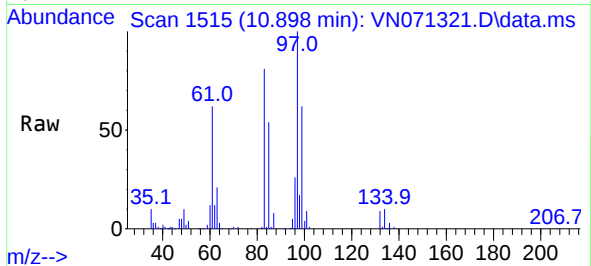
Tgt Ion: 75 Resp: 246255
Ion Ratio Lower Upper
75 100
77 29.7 26.4 39.6
39 50.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.920 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

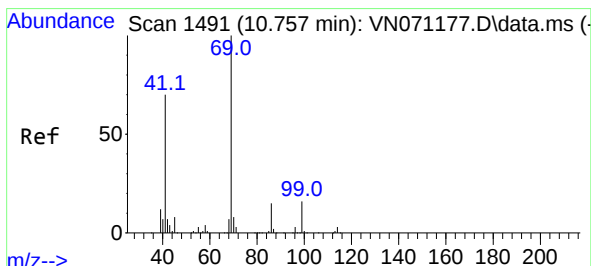
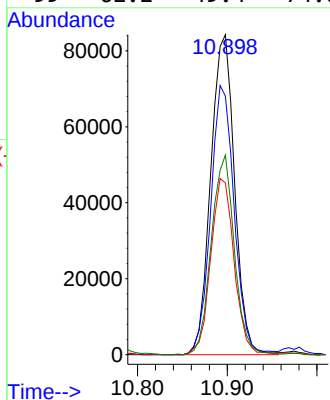
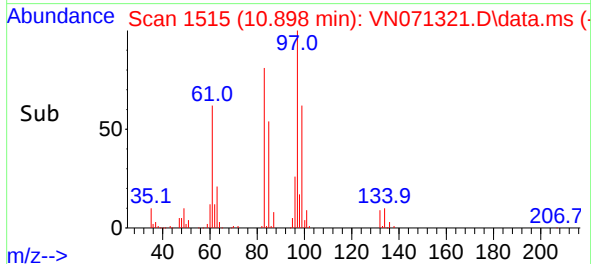
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



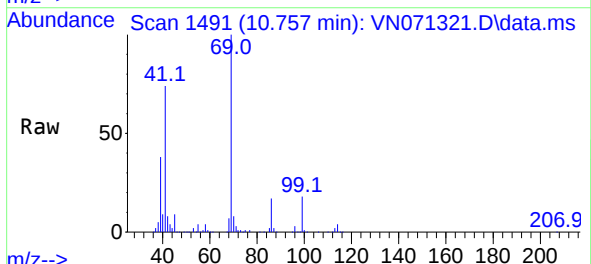
Tgt Ion: 97 Resp: 155490
Ion Ratio Lower Upper
97 100
83 80.8 67.8 101.6
85 53.7 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
APPROVED

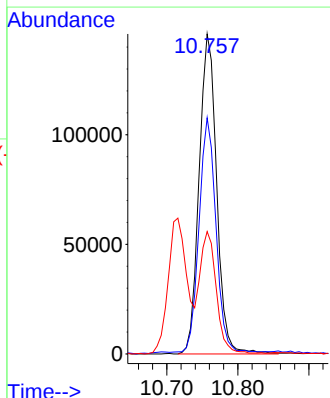
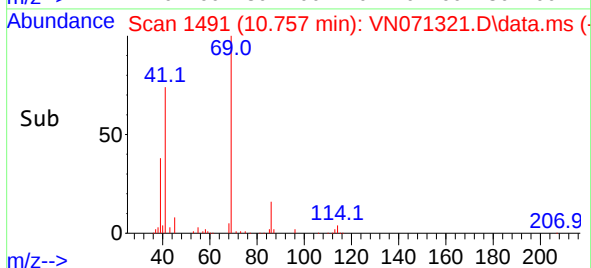
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

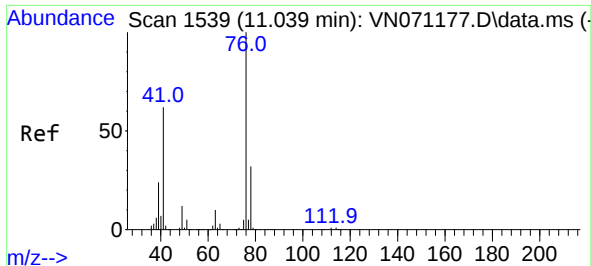


#56
Ethyl methacrylate
Concen: 19.743 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 69 Resp: 251663
Ion Ratio Lower Upper
69 100
41 70.0 51.4 77.0
39 34.9 34.6 52.0





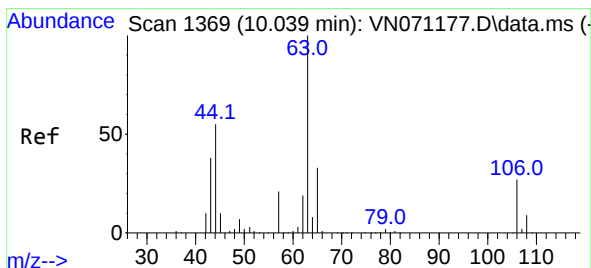
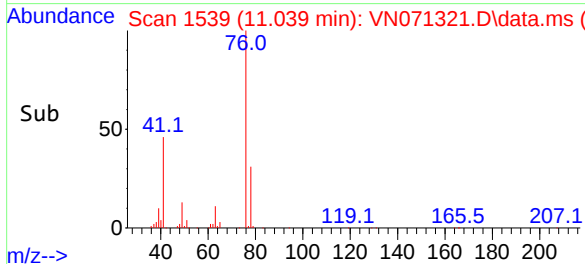
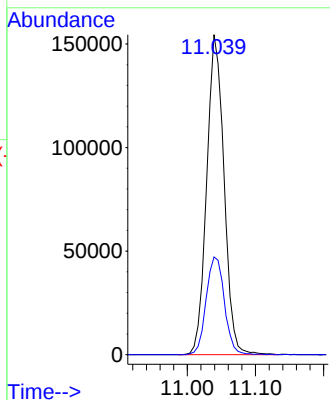
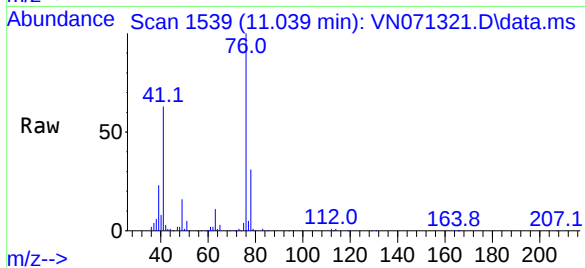
#57
1,3-Dichloropropane
Concen: 19.515 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 76 Resp: 273419
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

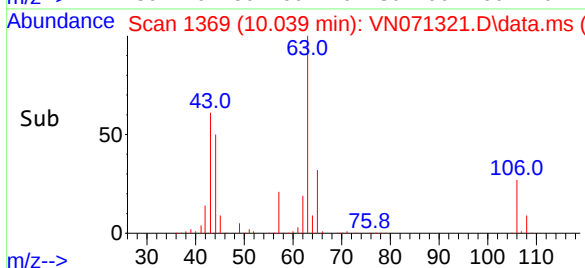
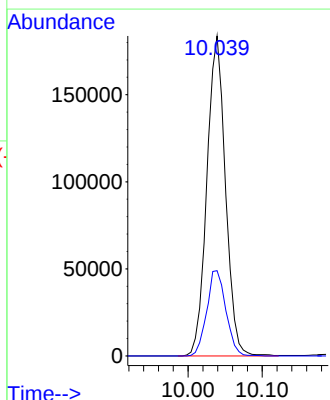
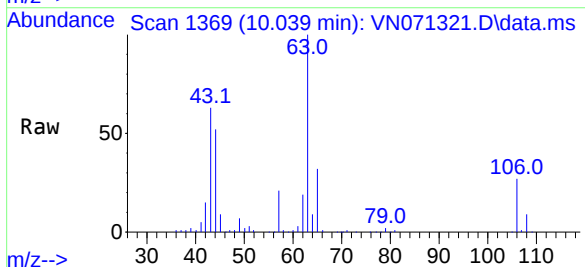
Manual Integrations
APPROVED

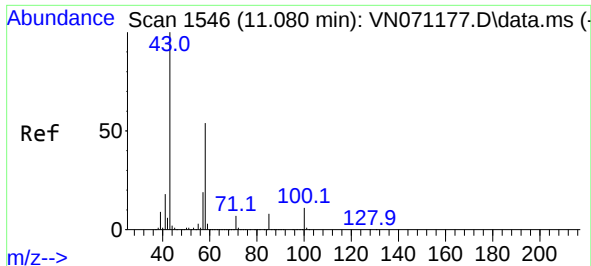
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#58
2-Chloroethyl Vinyl ether
Concen: 133.876 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion: 63 Resp: 319521
Ion Ratio Lower Upper
63 100
106 27.5 23.9 35.9





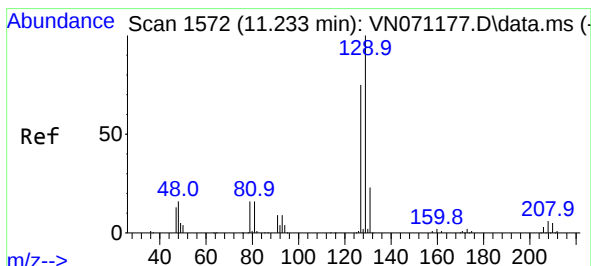
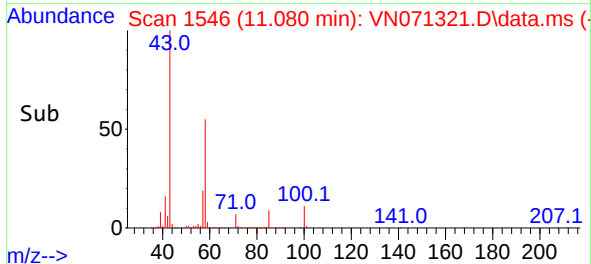
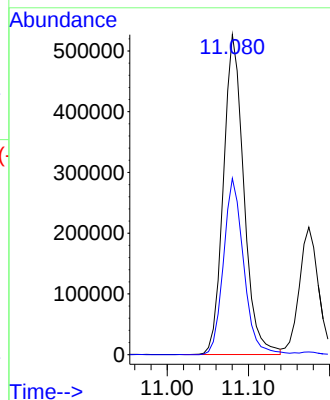
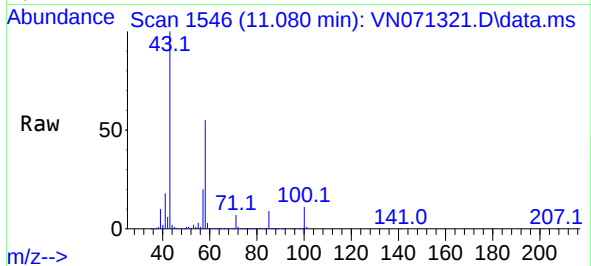
#59
2-Hexanone
Concen: 100.715 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 43 Resp: 921530
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

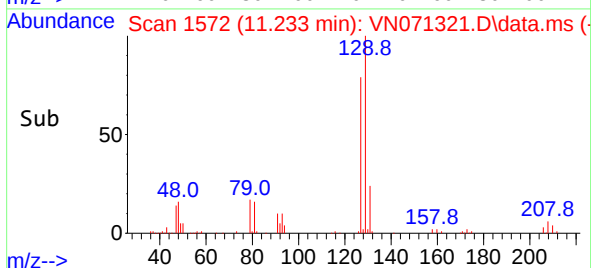
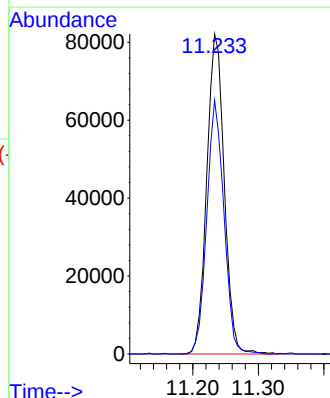
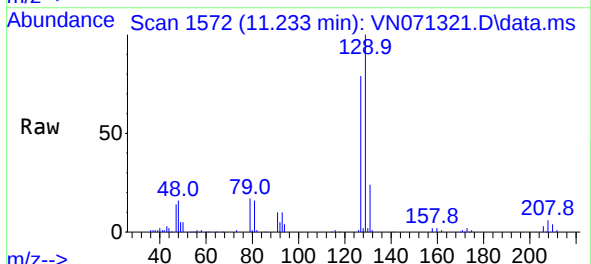
Manual Integrations
APPROVED

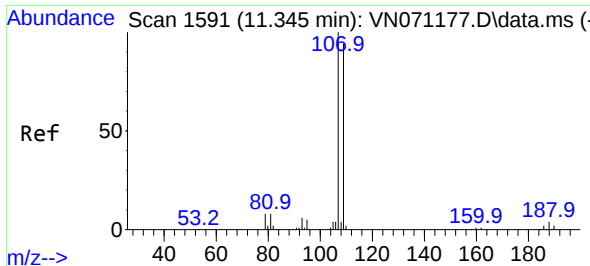
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#60
Dibromochloromethane
Concen: 19.655 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

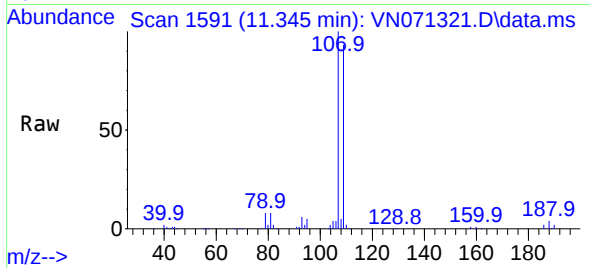
Tgt Ion:129 Resp: 152438
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.373 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

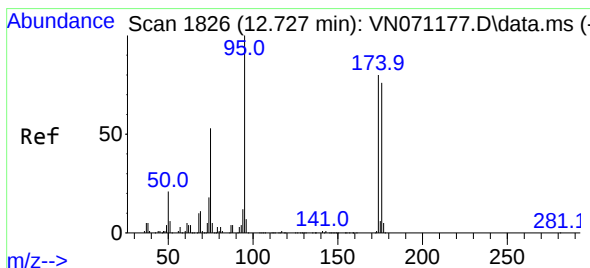
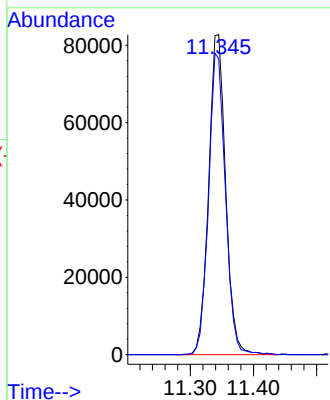
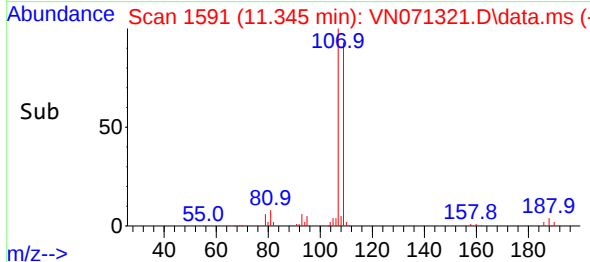
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



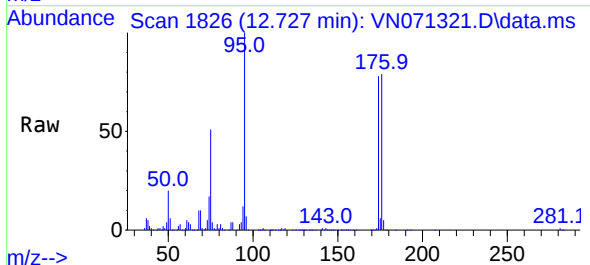
Tgt Ion:107 Resp: 154550
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

Manual Integrations
APPROVED

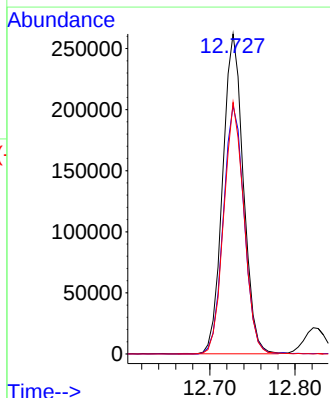
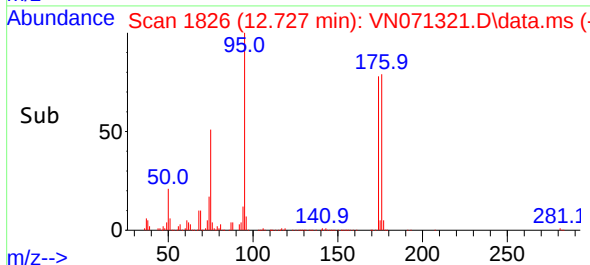
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

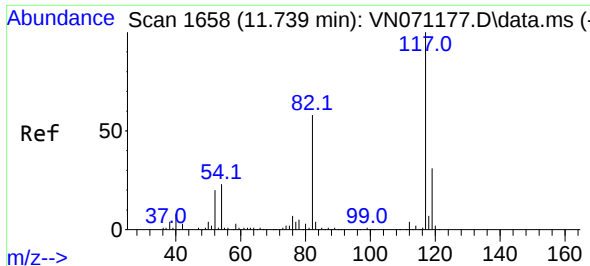


#62
4-Bromofluorobenzene
Concen: 49.276 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 95 Resp: 440252
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 77.0 0.0 181.4





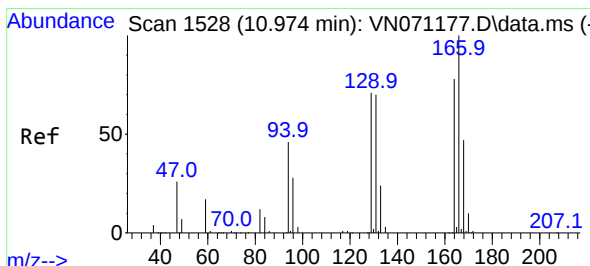
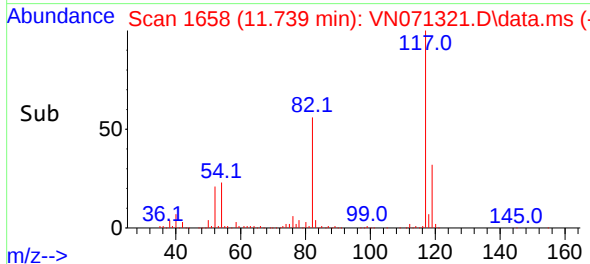
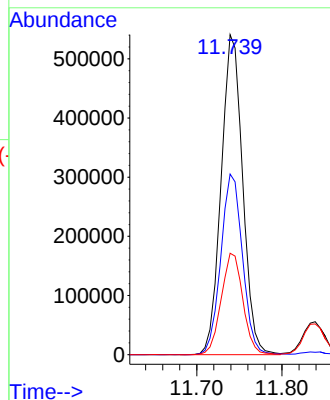
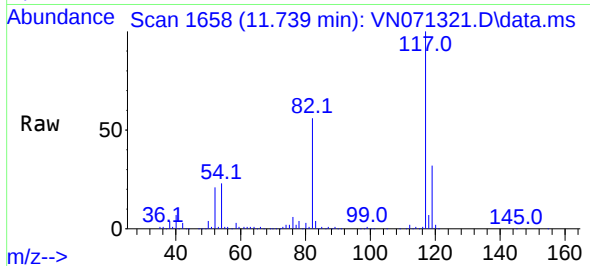
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion:117 Resp: 949994
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 31.7 25.4 38.2

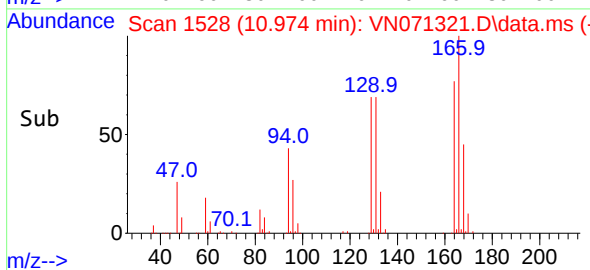
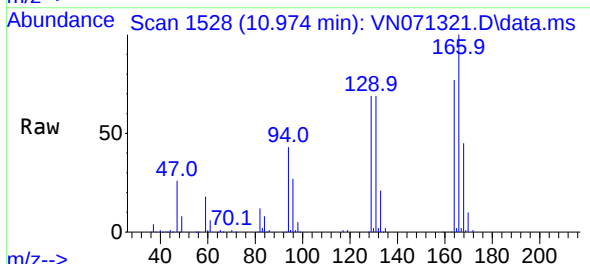
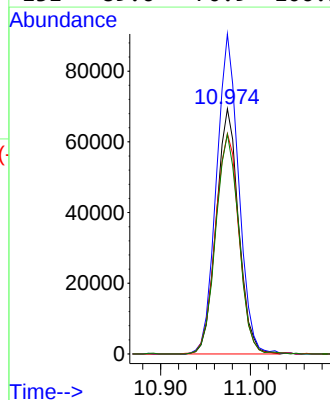
Manual Integrations
APPROVED

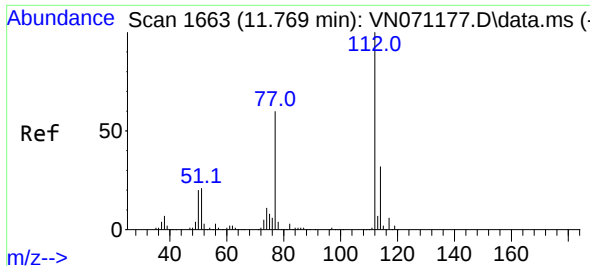
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#64
Tetrachloroethene
Concen: 18.126 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion:164 Resp: 120097
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 89.9 72.0 108.0
131 89.6 70.9 106.3





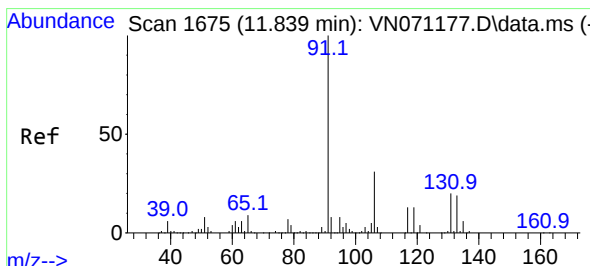
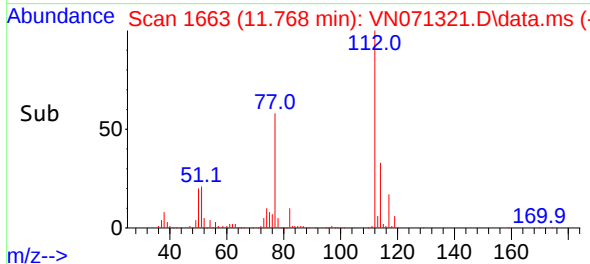
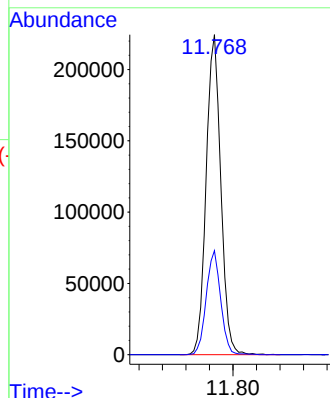
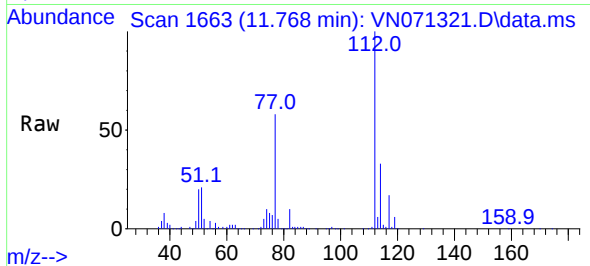
#65
Chlorobenzene
Concen: 18.998 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion:112 Resp: 38758
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

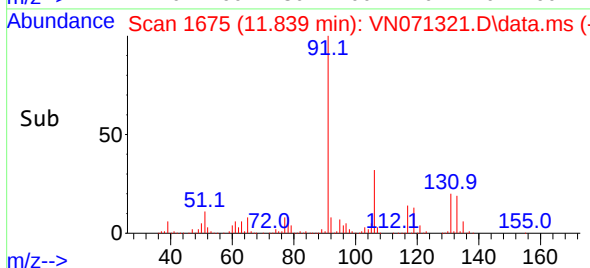
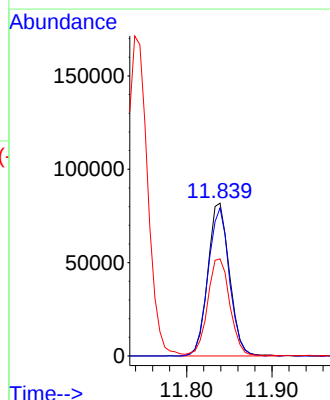
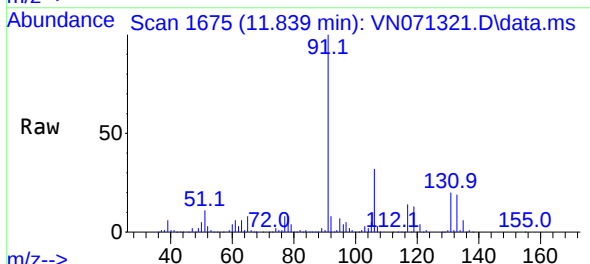
Manual Integrations
APPROVED

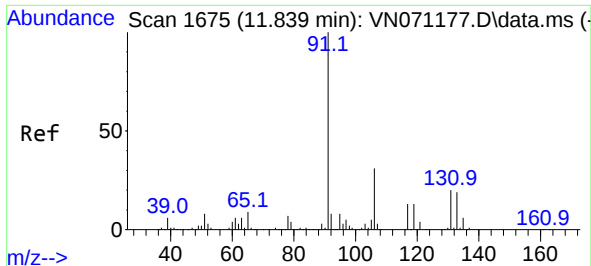
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.267 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

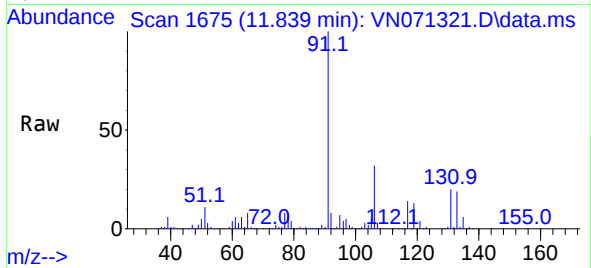
Tgt Ion:131 Resp: 144129
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 19.195 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

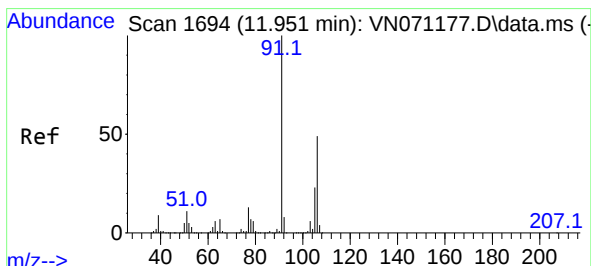
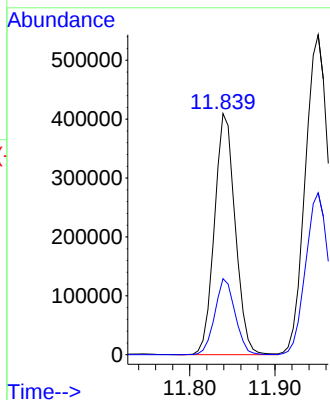
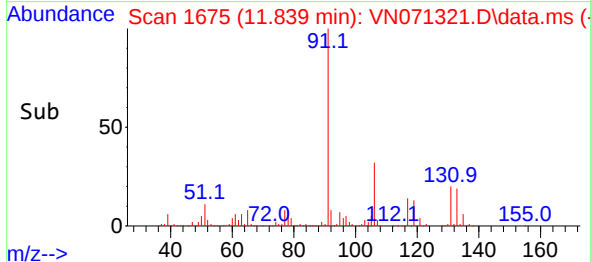
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



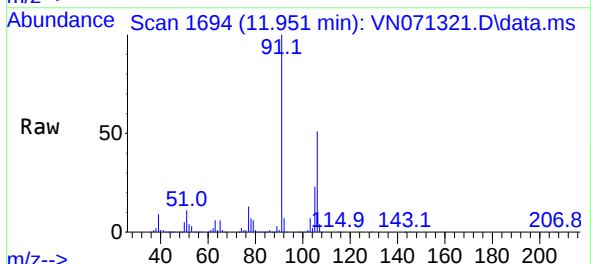
Tgt Ion: 91 Resp: 692429
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

Manual Integrations
APPROVED

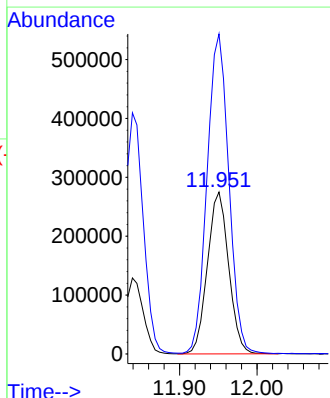
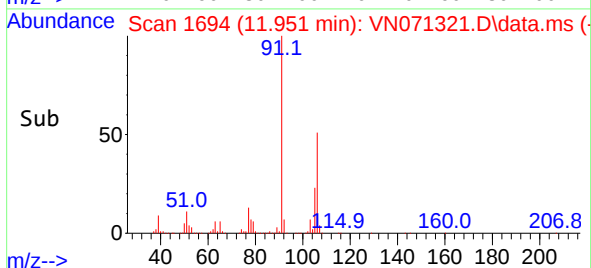
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

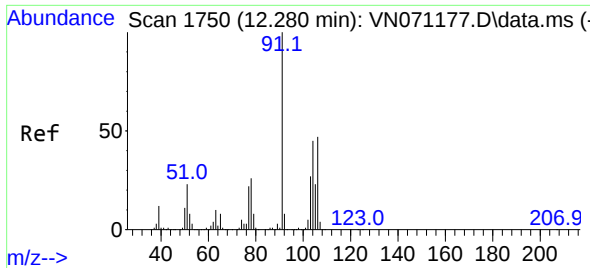


#68
m/p-Xylenes
Concen: 39.674 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



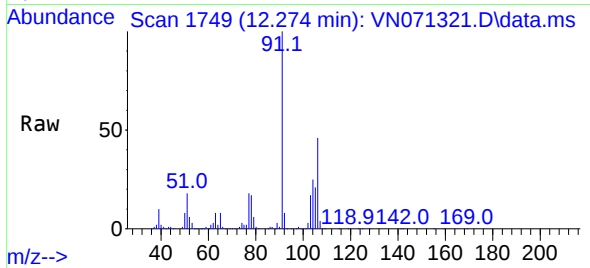
Tgt Ion:106 Resp: 523550
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8





#69
o-Xylene
Concen: 19.610 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

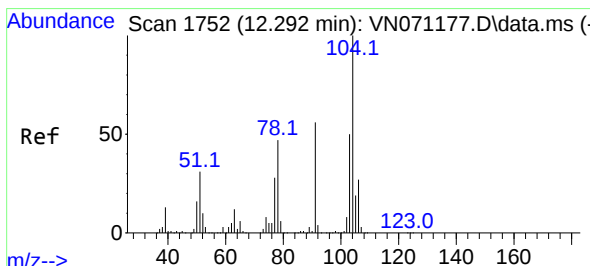
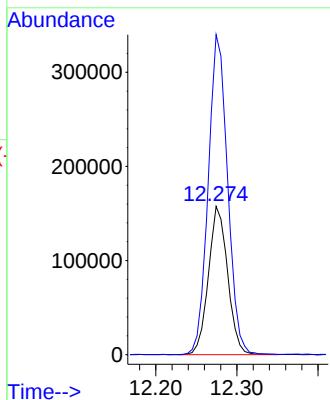
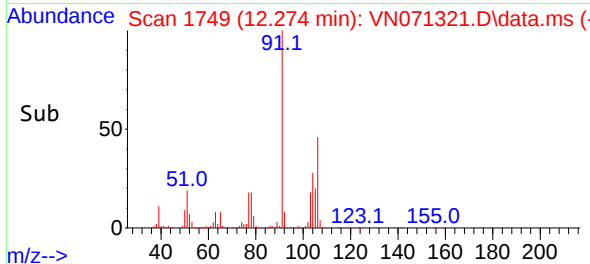
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



Tgt Ion:106 Resp: 25939
Ion Ratio Lower Upper
106 100
91 217.8 105.8 317.3

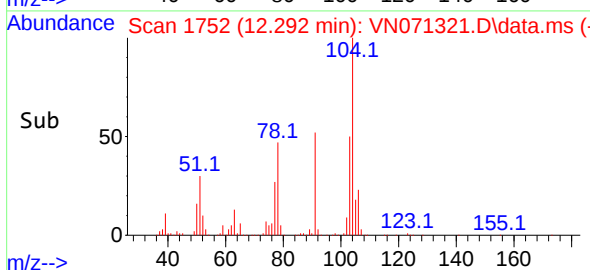
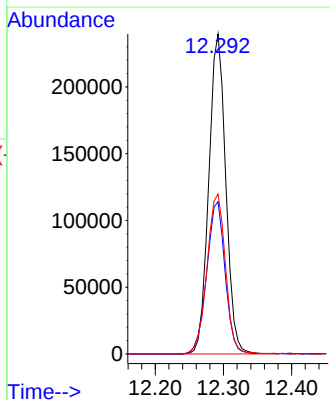
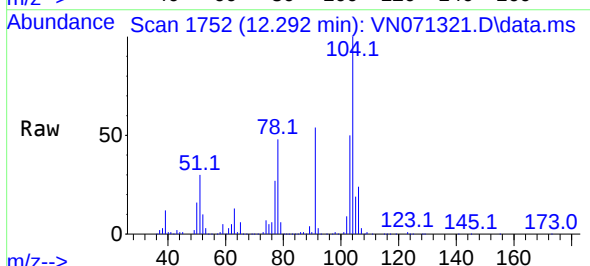
Manual Integrations
APPROVED

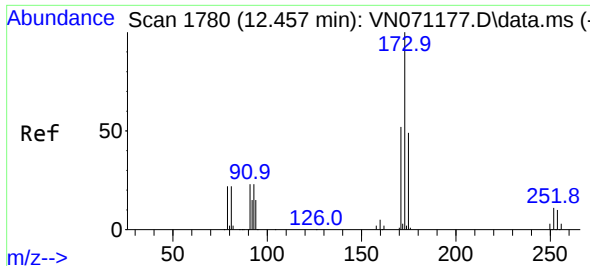
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 20.320 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

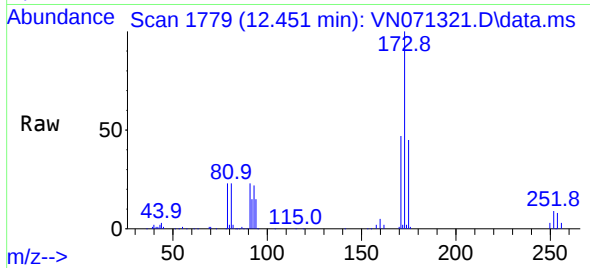
Tgt Ion:104 Resp: 416075
Ion Ratio Lower Upper
104 100
78 51.4 38.7 58.1
103 54.5 45.0 67.6





#71
Bromoform
Concen: 19.930 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

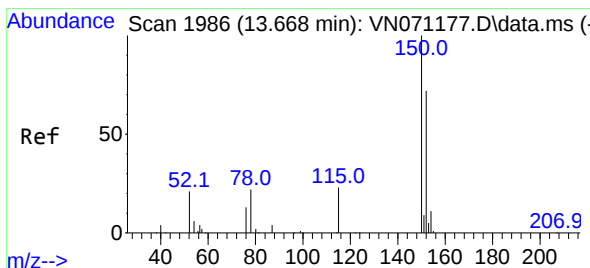
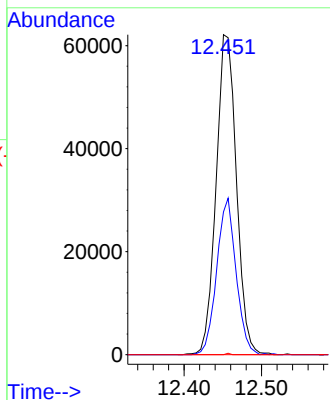
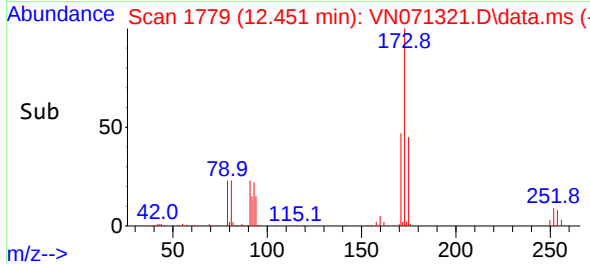
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



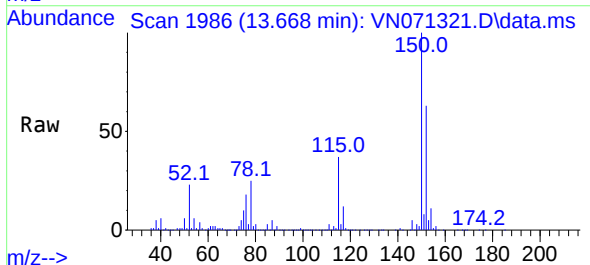
Tgt Ion:173 Resp: 11322
Ion Ratio Lower Upper
173 100
175 46.6 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

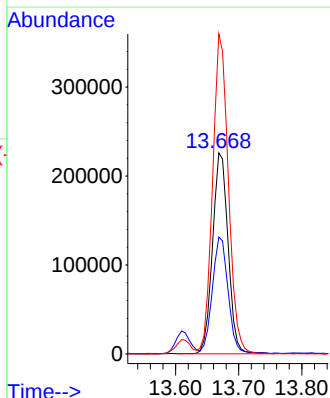
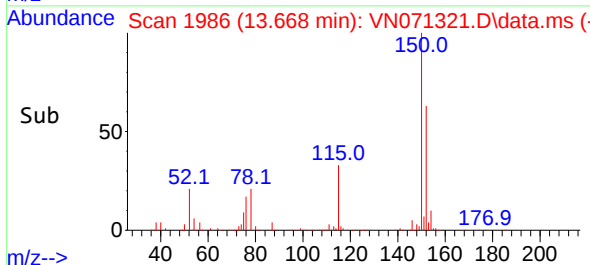
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

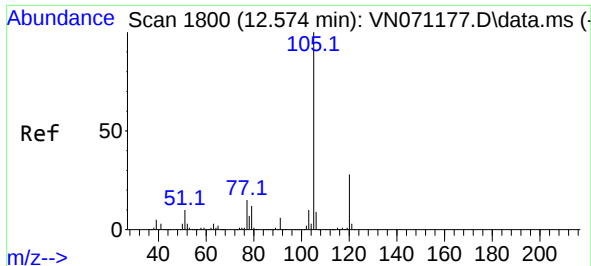


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion:152 Resp: 386371
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 161.4 0.0 344.4





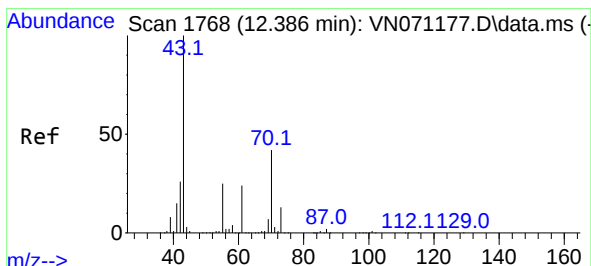
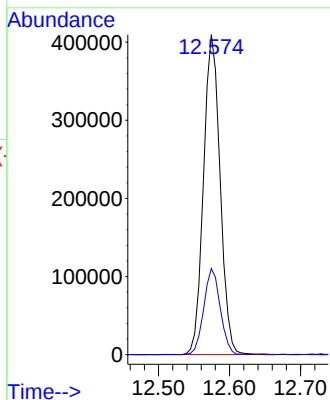
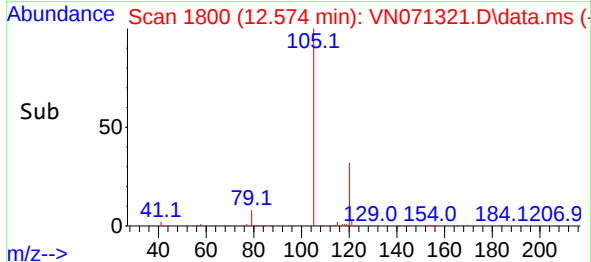
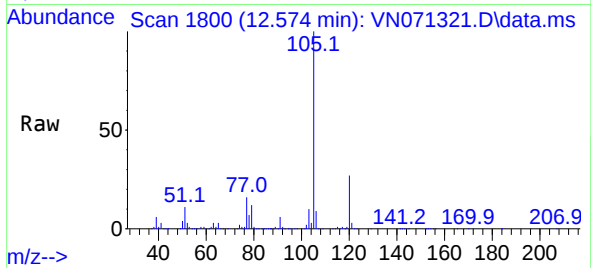
#73
Isopropylbenzene
Concen: 17.874 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion:105 Resp: 665725
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

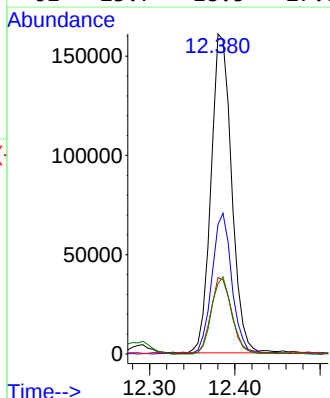
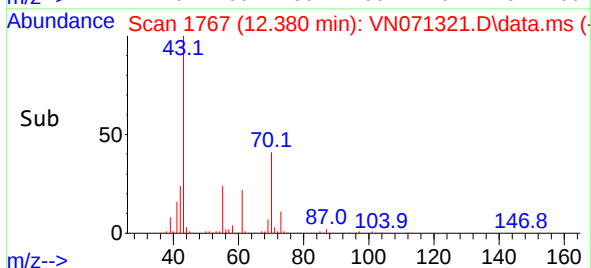
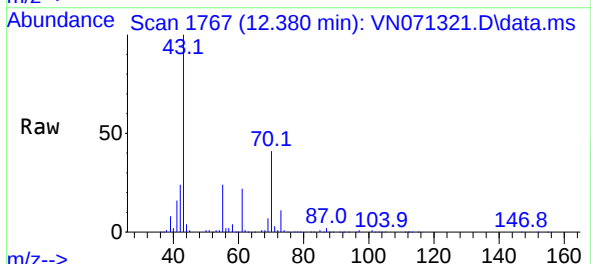
Manual Integrations
APPROVED

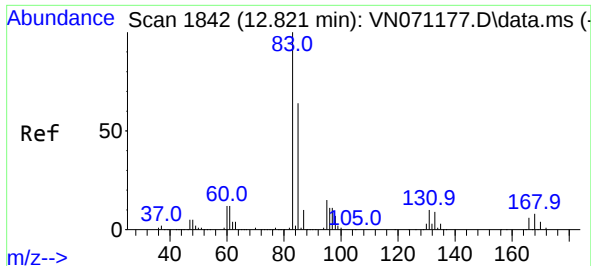
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#74
N-ethyl acetate
Concen: 19.319 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

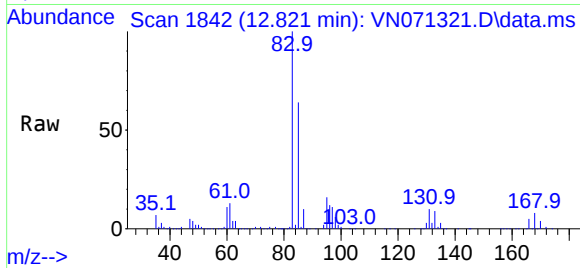
Tgt Ion: 43 Resp: 270550
Ion Ratio Lower Upper
43 100
70 42.9 33.4 50.0
55 23.5 19.3 28.9
61 23.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.565 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

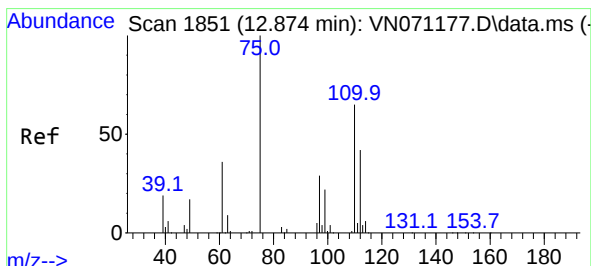
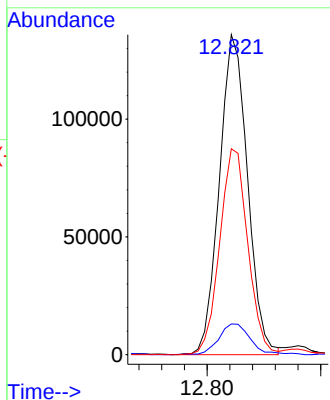
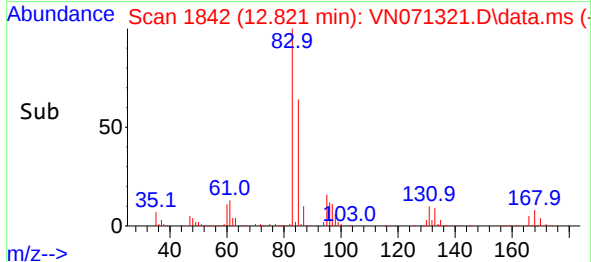
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



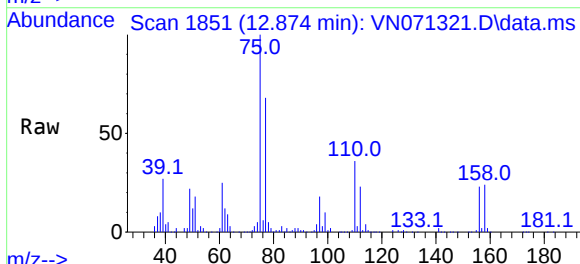
Tgt Ion: 83 Resp: 233810
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

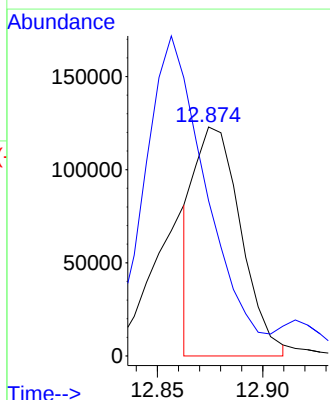
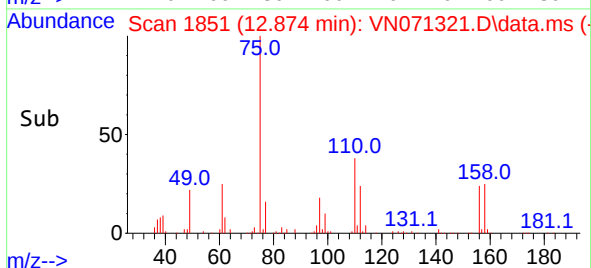
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

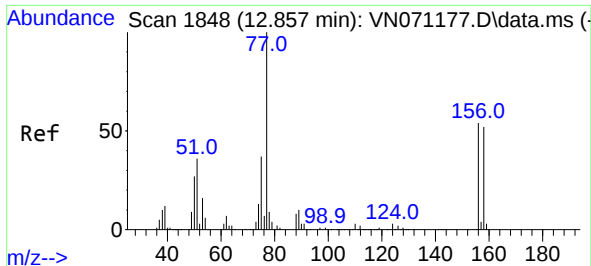


#76
1,2,3-Trichloropropane
Concen: 18.288 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



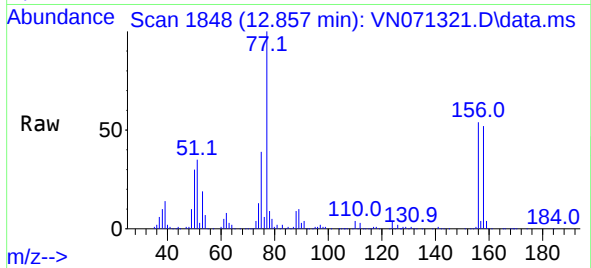
Tgt Ion: 75 Resp: 188019
Ion Ratio Lower Upper
75 100
77 188.0 82.6 247.8





#77
Bromobenzene
Concen: 18.231 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

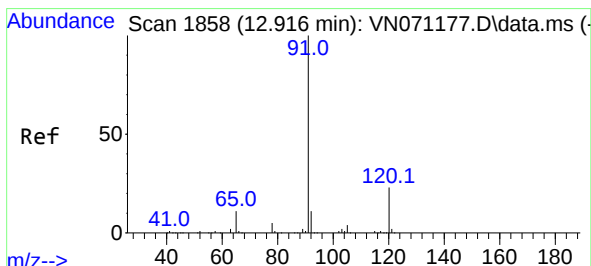
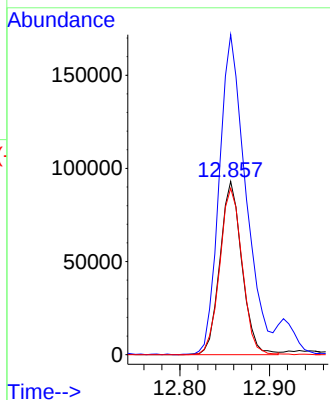
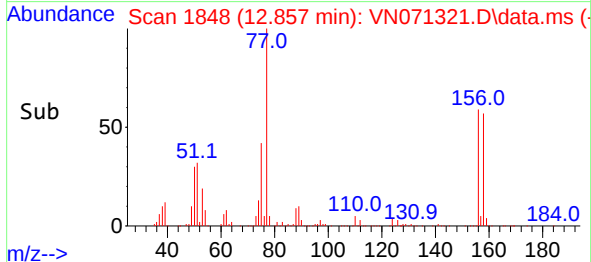
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



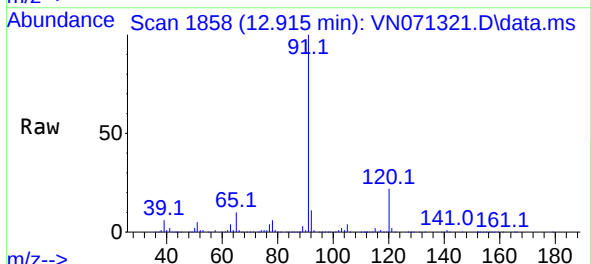
Tgt Ion:156 Resp: 15834
Ion Ratio Lower Upper
156 100
77 223.3 90.6 271.8
158 97.5 48.9 146.7

Manual Integrations
APPROVED

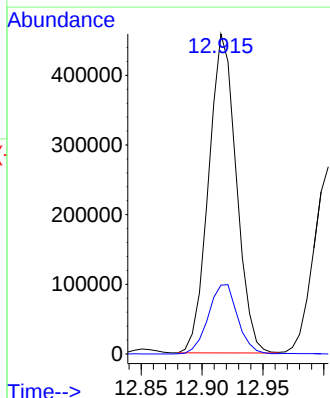
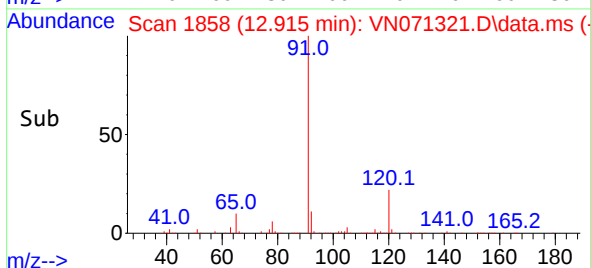
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

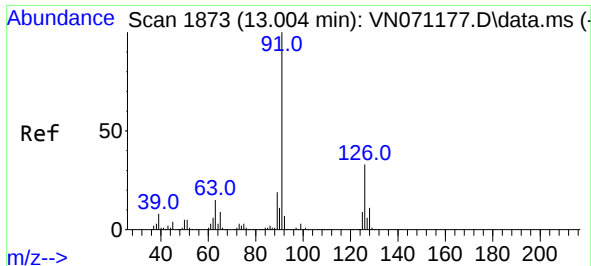


#78
n-propylbenzene
Concen: 18.144 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion: 91 Resp: 725147
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





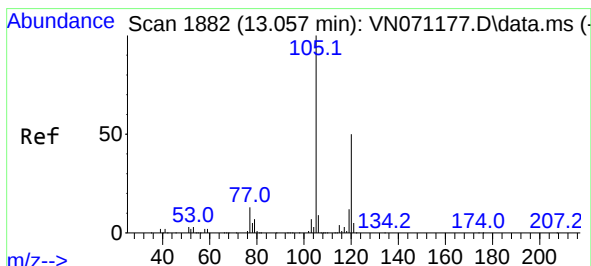
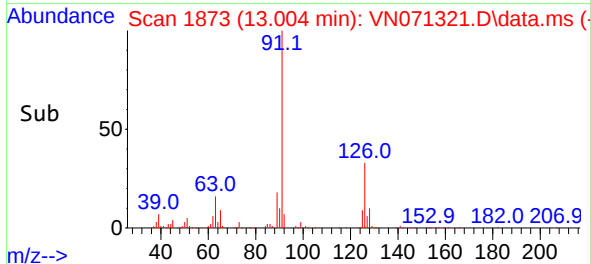
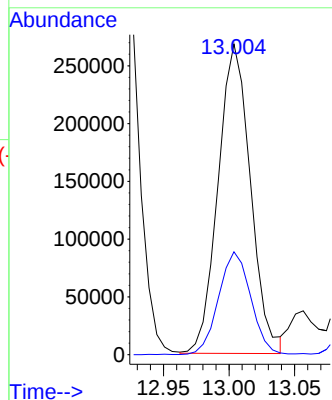
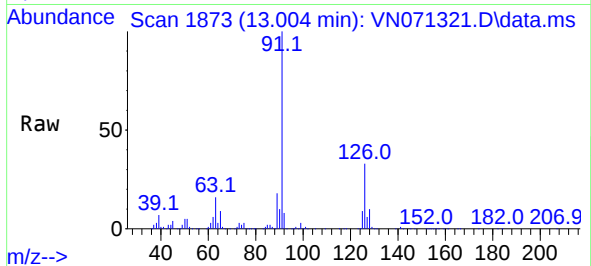
#79
2-Chlorotoluene
Concen: 17.944 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 91 Resp: 46035
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

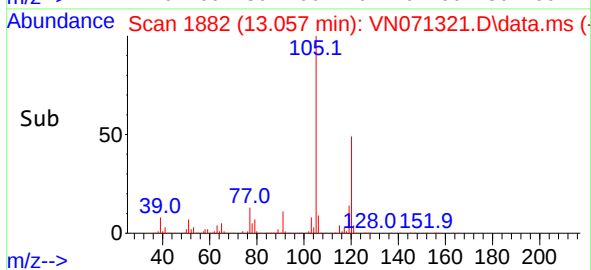
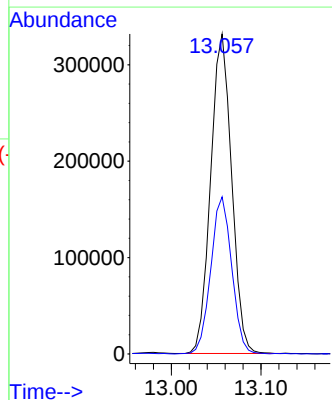
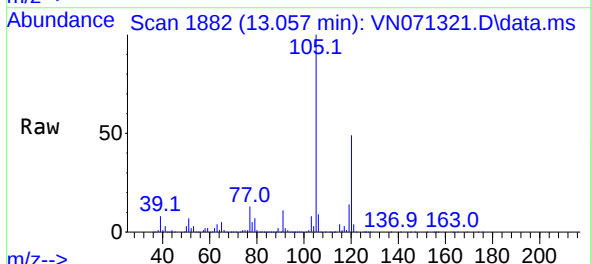
Manual Integrations
APPROVED

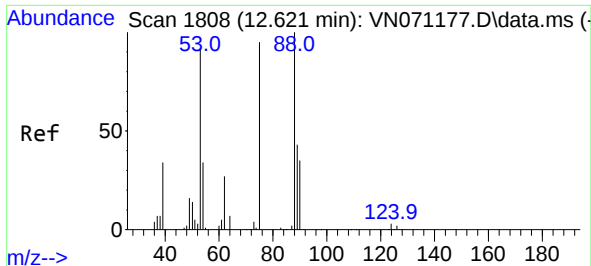
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.570 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion:105 Resp: 538109
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





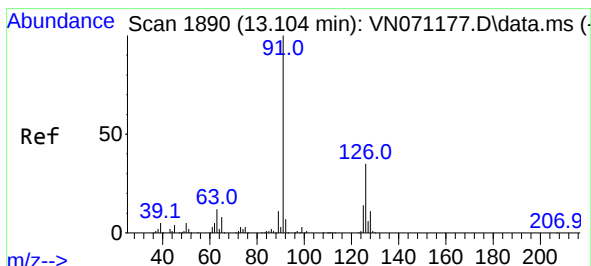
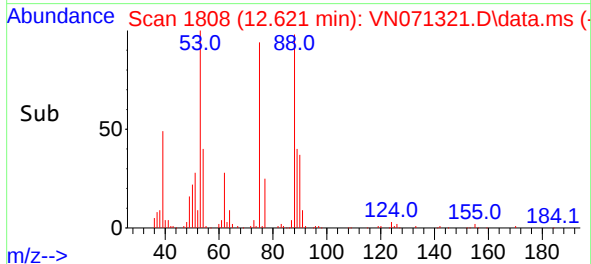
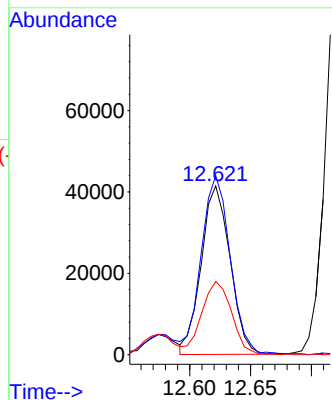
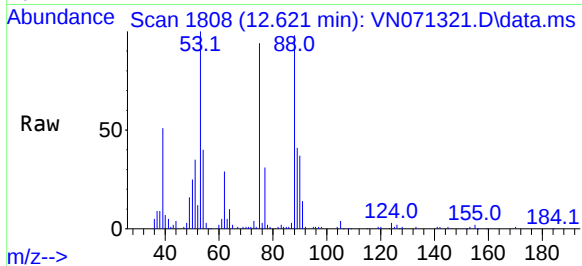
#81
trans-1,4-Dichloro-2-butene
Concen: 19.186 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 75 Resp: 68579
Ion Ratio Lower Upper
75 100
53 107.2 90.5 135.7
89 45.2 38.2 57.4

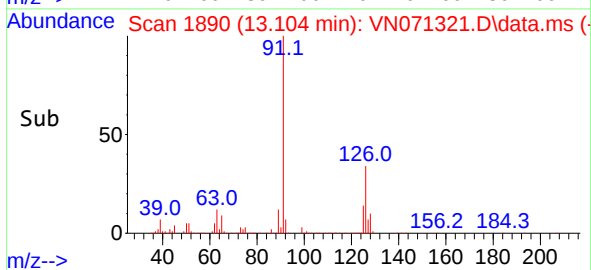
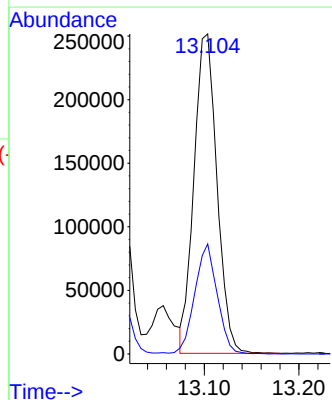
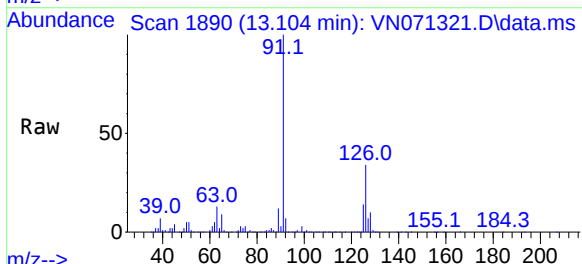
Manual Integrations
APPROVED

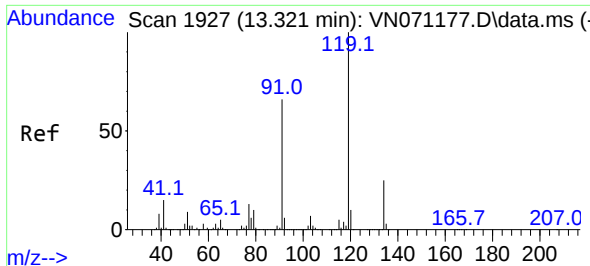
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#82
4-Chlorotoluene
Concen: 18.530 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion: 91 Resp: 423445
Ion Ratio Lower Upper
91 100
126 33.7 18.2 54.6





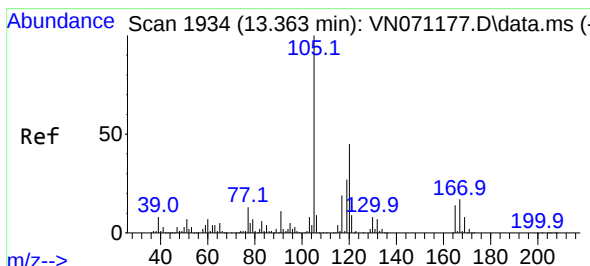
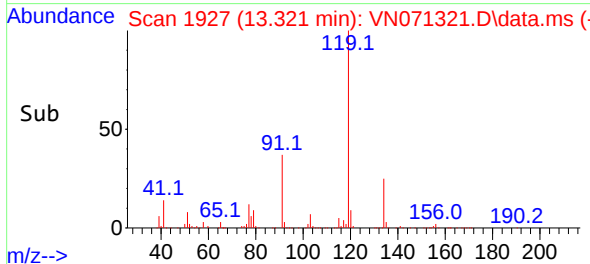
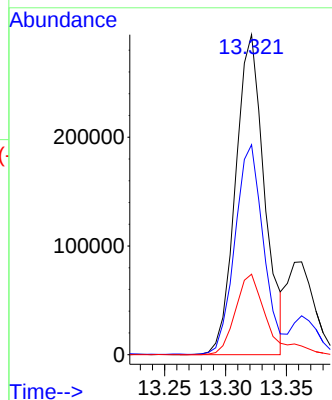
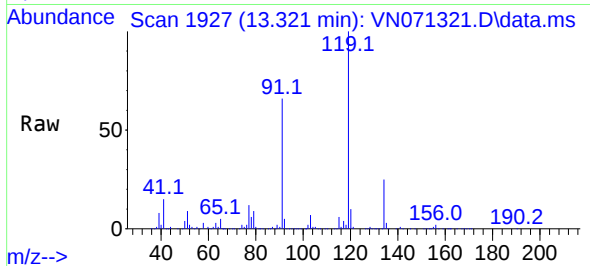
#83
tert-Butylbenzene
Concen: 18.759 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion:119 Resp: 485100
Ion Ratio Lower Upper
119 100
91 65.6 31.5 94.5
134 27.5 12.4 37.4

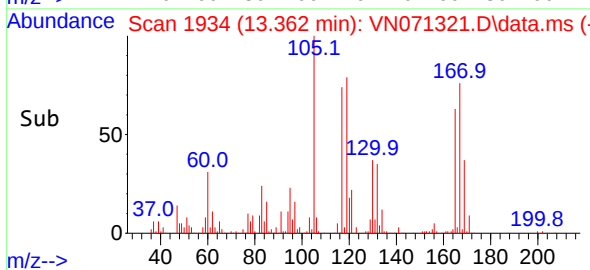
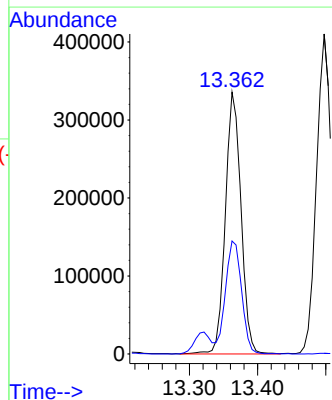
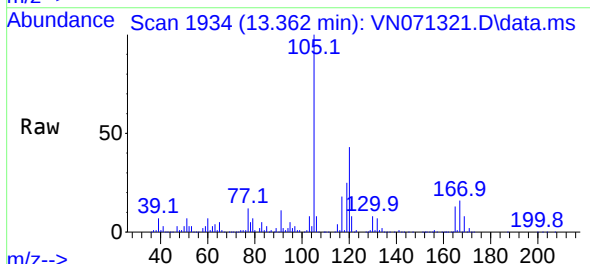
Manual Integrations
APPROVED

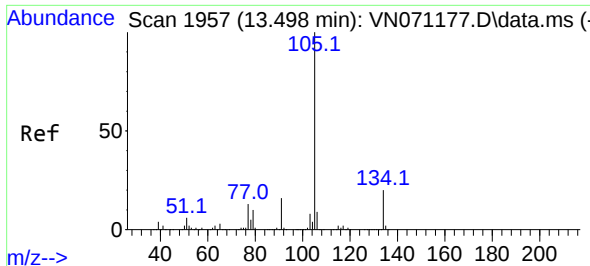
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.350 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Tgt Ion:105 Resp: 537076
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.4





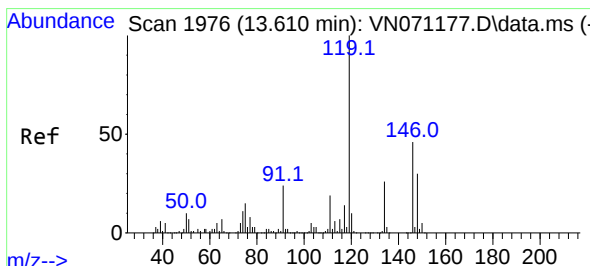
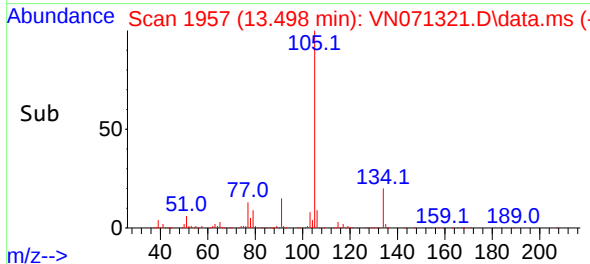
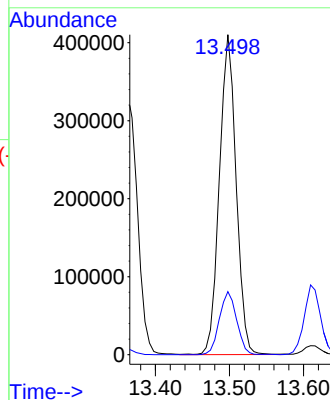
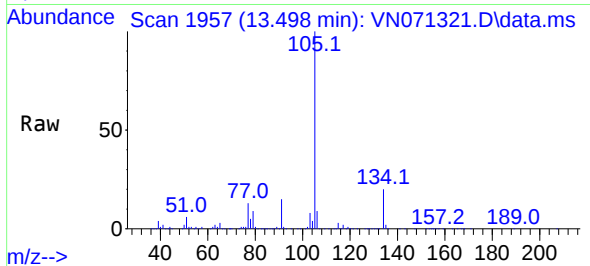
#85
 sec-Butylbenzene
 Concen: 18.722 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071321.D
 Acq: 16 Mar 2022 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Tgt Ion:105 Resp: 64350
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

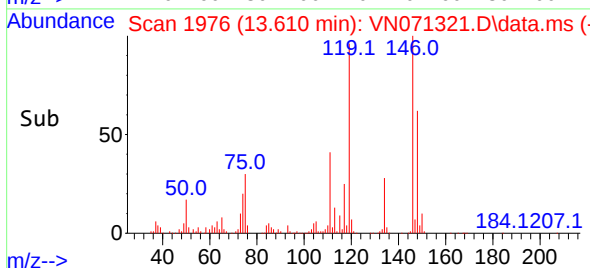
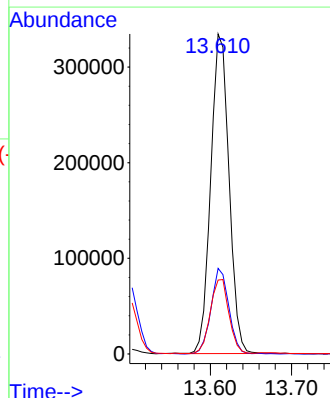
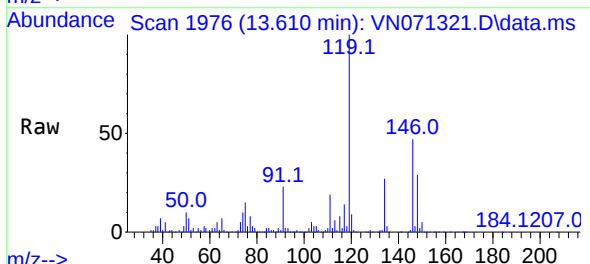
Manual Integrations
 APPROVED

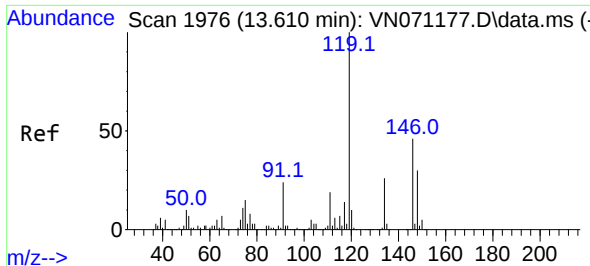
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 19.340 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071321.D
 Acq: 16 Mar 2022 15:25

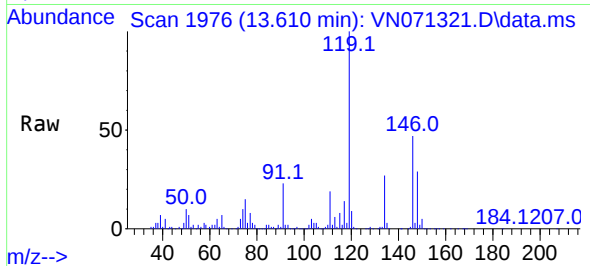
Tgt Ion:119 Resp: 522790
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 23.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.373 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

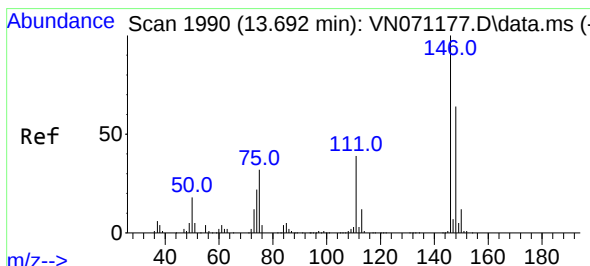
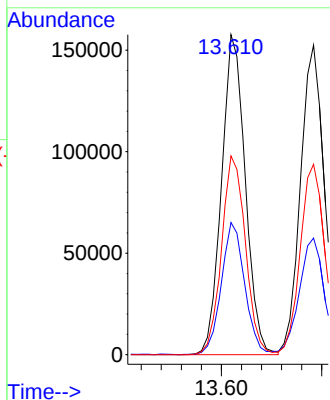
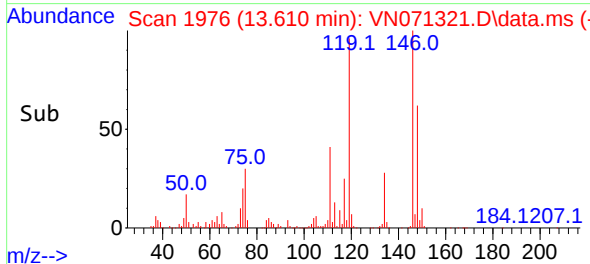
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



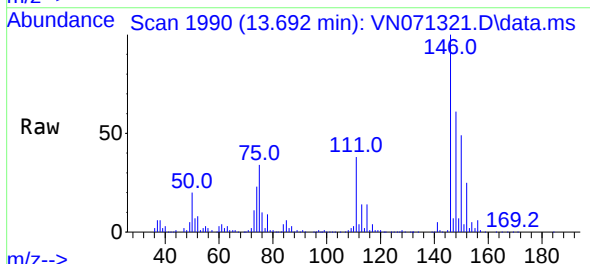
Tgt Ion:146 Resp: 25927
Ion Ratio Lower Upper
146 100
111 40.8 18.6 55.6
148 62.5 31.6 95.0

Manual Integrations
APPROVED

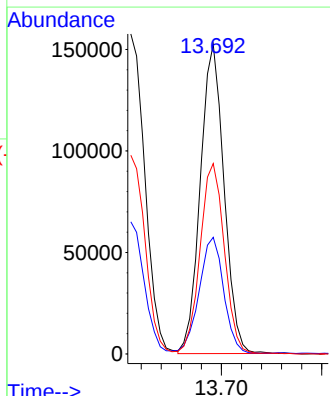
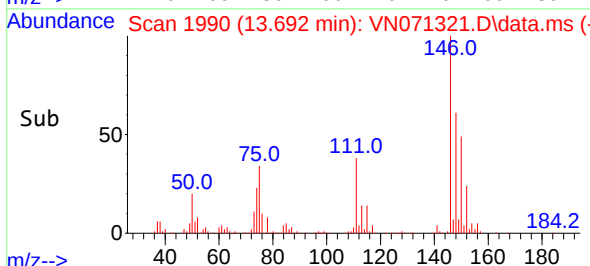
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

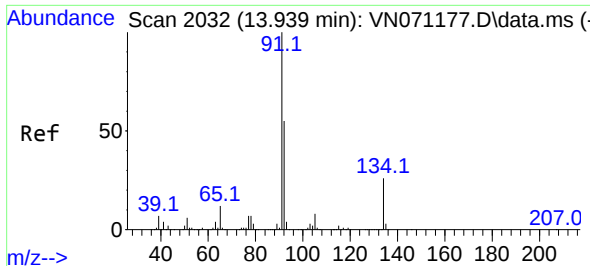


#88
1,4-Dichlorobenzene
Concen: 18.186 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion:146 Resp: 250863
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 63.4 31.8 95.4





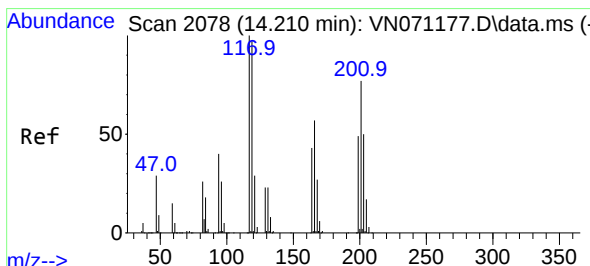
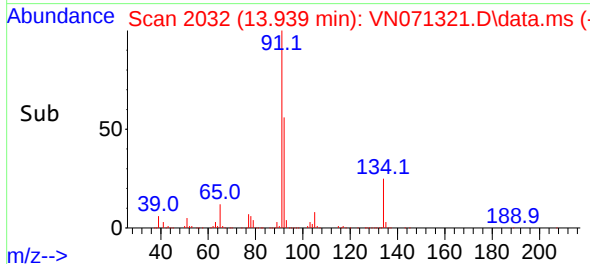
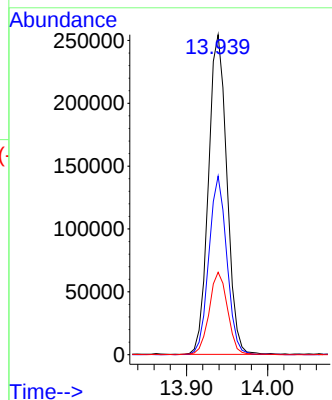
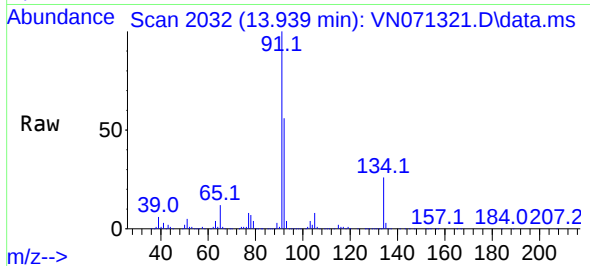
#89
n-Butylbenzene
Concen: 18.946 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01

Tgt Ion: 91 Resp: 400562
Ion Ratio Lower Upper
91 100
92 54.5 25.4 76.0
134 25.9 13.6 40.8

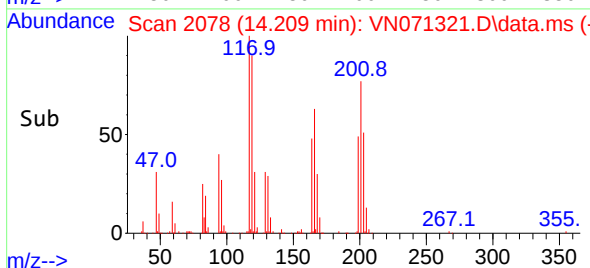
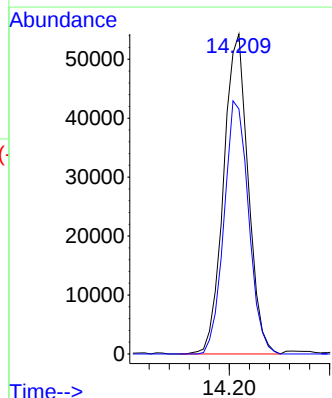
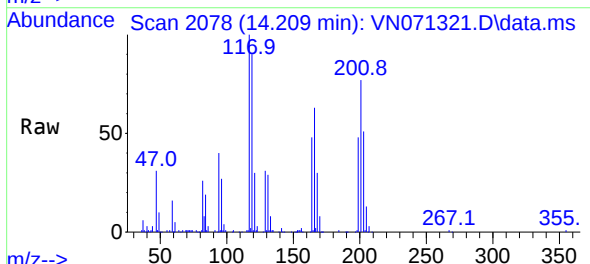
Manual Integrations
APPROVED

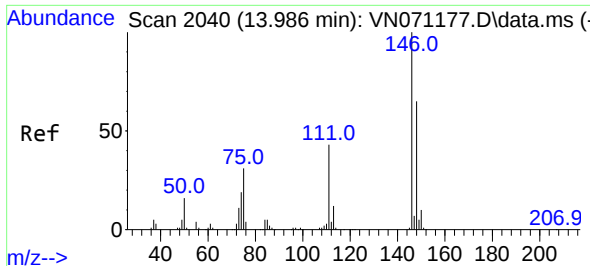
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 17.212 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

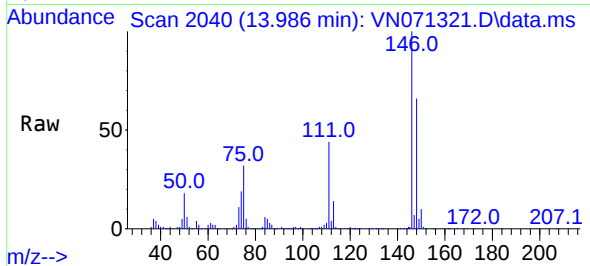
Tgt Ion:117 Resp: 92523
Ion Ratio Lower Upper
117 100
201 78.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.044 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

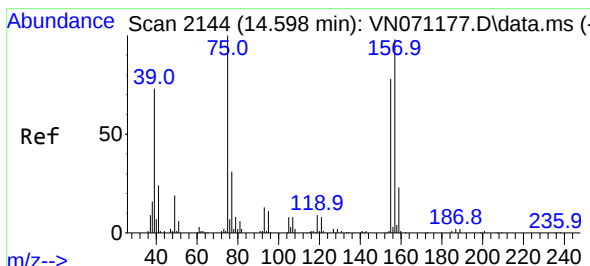
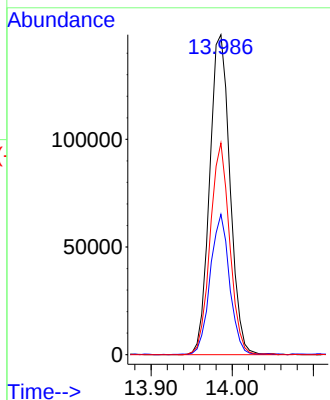
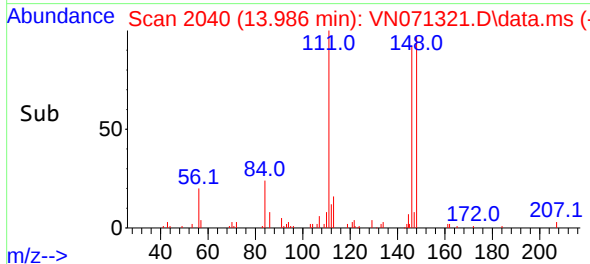
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



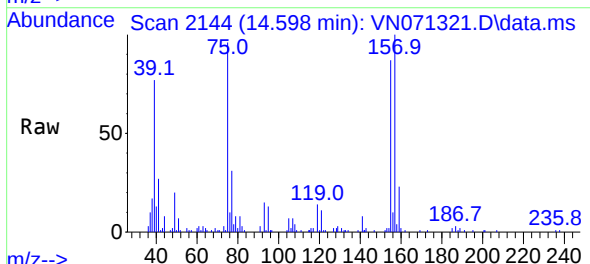
Tgt Ion:146 Resp: 258368
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations
APPROVED

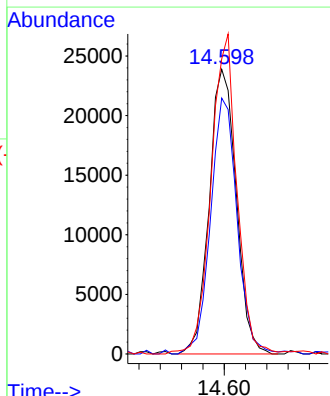
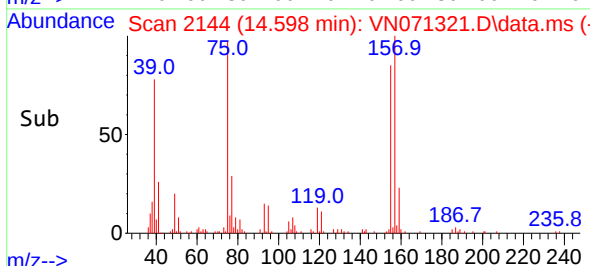
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

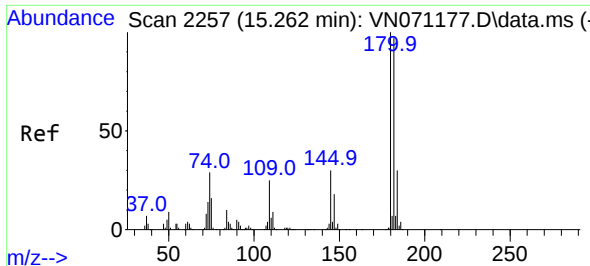


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.391 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



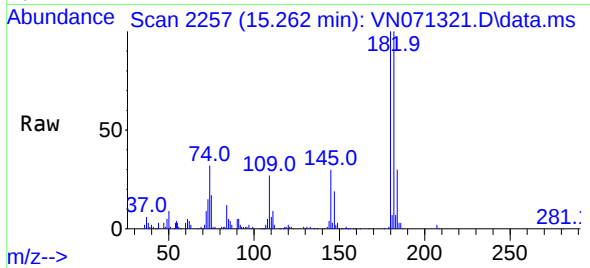
Tgt Ion: 75 Resp: 42022
Ion Ratio Lower Upper
75 100
155 88.0 46.9 140.7
157 106.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.895 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

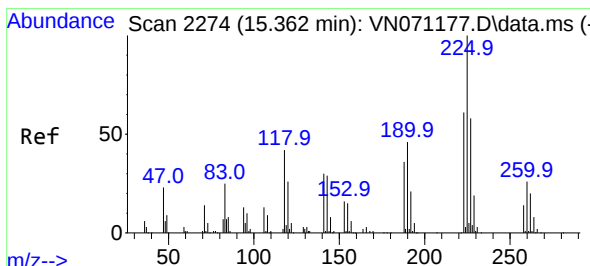
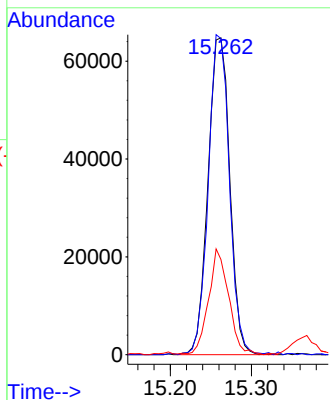
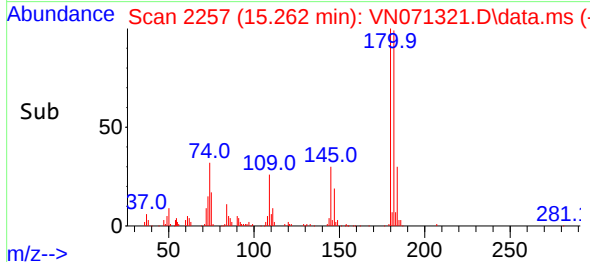
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



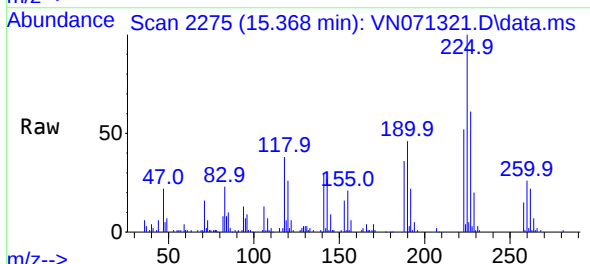
Tgt Ion:180 Resp: 120589
Ion Ratio Lower Upper
180 100
182 98.1 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

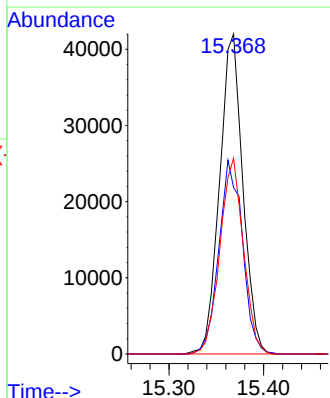
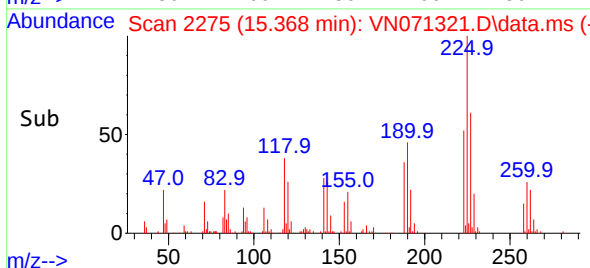
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

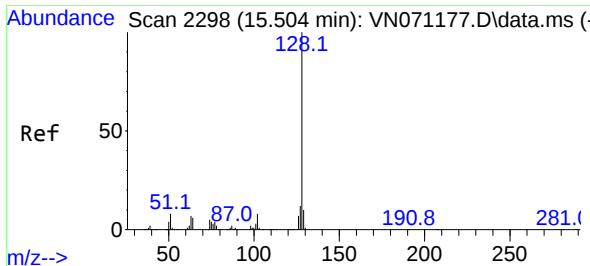


#94
Hexachlorobutadiene
Concen: 18.770 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



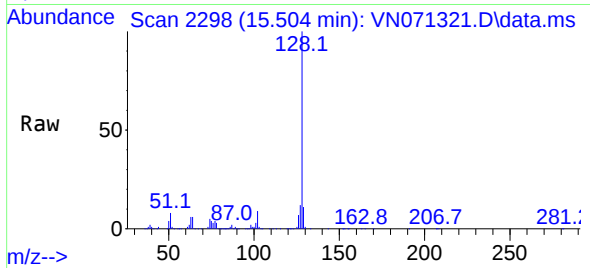
Tgt Ion:225 Resp: 71491
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.7
227 61.9 32.1 96.3





#95
Naphthalene
Concen: 24.875 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25

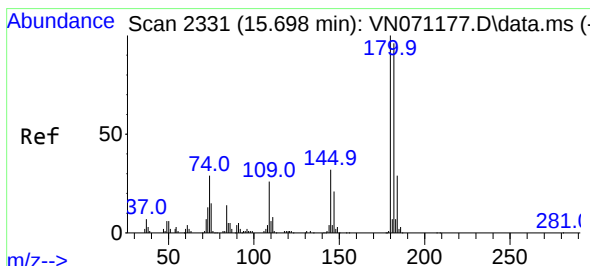
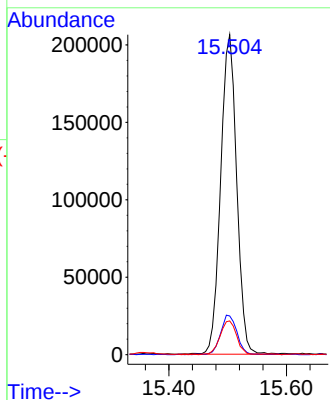
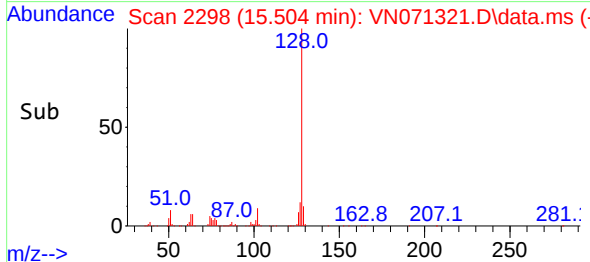
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBS01



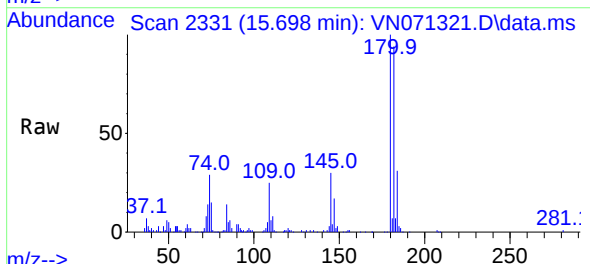
Tgt Ion:128 Resp: 390410
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.237 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071321.D
Acq: 16 Mar 2022 15:25



Tgt Ion:180 Resp: 125157
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 31.8 15.0 45.1

