

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071019.D
 Acq On : 22 Feb 2022 10:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 00:57:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	606179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	946198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	869350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	369653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	343580	49.618	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.240%		
35) Dibromofluoromethane	8.016	113	270576	48.077	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.160%		
50) Toluene-d8	10.439	98	1078267	47.708	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.727	95	373030	46.174	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	304122	48.304	ug/l	98
3) Chloromethane	2.299	50	399672	50.504	ug/l	98
4) Vinyl Chloride	2.446	62	377160	47.609	ug/l	99
5) Bromomethane	2.834	94	200496	44.552	ug/l	99
6) Chloroethane	3.004	64	231694	44.581	ug/l	95
7) Trichlorofluoromethane	3.369	101	504668	50.834	ug/l	95
8) Diethyl Ether	3.822	74	211485	49.003	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	298497	49.005	ug/l	95
10) Methyl Iodide	4.422	142	412362	48.882	ug/l	98
11) Tert butyl alcohol	5.357	59	348055	275.808	ug/l	99
12) 1,1-Dichloroethene	4.181	96	284020	47.859	ug/l	96
13) Acrolein	4.040	56	325161	288.354	ug/l	100
14) Allyl chloride	4.840	41	582985	51.509	ug/l #	87
15) Acrylonitrile	5.545	53	1059213	284.956	ug/l	99
16) Acetone	4.281	43	964306	252.868	ug/l	96
17) Carbon Disulfide	4.528	76	742025	43.602	ug/l	99
18) Methyl Acetate	4.851	43	482459	57.874	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1093946	52.550	ug/l	94
20) Methylene Chloride	5.092	84	343647	49.584	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	307623	48.295	ug/l	91
22) Diisopropyl ether	6.492	45	1207444	55.624	ug/l	93
23) Vinyl Acetate	6.428	43	5157411	280.668	ug/l	99
24) 1,1-Dichloroethane	6.386	63	638062	52.435	ug/l	99
25) 2-Butanone	7.328	43	1466938	289.165	ug/l	97
26) 2,2-Dichloropropane	7.322	77	517028	51.123	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	364546	49.796	ug/l	91
28) Bromochloromethane	7.651	49	266988	54.209	ug/l	86
29) Tetrahydrofuran	7.681	42	968973	294.844	ug/l	94
30) Chloroform	7.816	83	610667	51.024	ug/l	99
31) Cyclohexane	8.092	56	599492	50.059	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	528109	51.096	ug/l	98
36) 1,1-Dichloropropene	8.216	75	461087	50.006	ug/l	97
37) Ethyl Acetate	7.404	43	563987	57.033	ug/l	99
38) Carbon Tetrachloride	8.204	117	458210	50.436	ug/l	100
39) Methylcyclohexane	9.457	83	577009	48.633	ug/l	96
40) Benzene	8.457	78	1401483	51.385	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	318495	61.153	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	488630	52.603	ug/l	98
43) Isopropyl Acetate	8.557	43	875125	56.145	ug/l	98
44) Trichloroethene	9.210	130	343477	47.824	ug/l	95
45) 1,2-Dichloropropane	9.486	63	375553	53.754	ug/l	99
46) Dibromomethane	9.575	93	233253	50.732	ug/l	99
47) Bromodichloromethane	9.757	83	481762	51.846	ug/l	97
48) Methyl methacrylate	9.557	41	420641	57.015	ug/l #	85
49) 1,4-Dioxane	9.563	88	155907	1189.786	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	2818217	297.174	ug/l	98
52) Toluene	10.498	92	885624	51.675	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	529425	52.397	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	577359	52.032	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	344279	51.320	ug/l	99
56) Ethyl methacrylate	10.757	69	569004	56.295	ug/l	92
57) 1,3-Dichloropropane	11.039	76	612830	52.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	531923	238.293	ug/l	96
59) 2-Hexanone	11.080	43	1977441	303.185	ug/l	98
60) Dibromochloromethane	11.233	129	371056	52.338	ug/l	100
61) 1,2-Dibromoethane	11.339	107	350091	51.307	ug/l	100
64) Tetrachloroethene	10.974	164	317978	46.965	ug/l	96
65) Chlorobenzene	11.769	112	922798	49.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	351367	51.455	ug/l	99
67) Ethyl Benzene	11.839	91	1690674	51.565	ug/l	99
68) m/p-Xylenes	11.951	106	1302445	102.840	ug/l	100
69) o-Xylene	12.274	106	639960	51.728	ug/l	99
70) Styrene	12.292	104	1031279	52.424	ug/l	98
71) Bromoform	12.451	173	278998	51.301	ug/l #	100
73) Isopropylbenzene	12.574	105	1656199	55.663	ug/l	100
74) N-amyl acetate	12.386	43	578299	60.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	534743	56.557	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	405487m	46.589	ug/l	
77) Bromobenzene	12.857	156	384491	52.787	ug/l	85
78) n-propylbenzene	12.915	91	1869583	55.925	ug/l	98
79) 2-Chlorotoluene	13.004	91	1127041	55.515	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1344462	55.775	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	157542	58.655	ug/l	90
82) 4-Chlorotoluene	13.098	91	1067337	54.161	ug/l	96
83) tert-Butylbenzene	13.321	119	1207109	52.803	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1300599	54.811	ug/l	100
85) sec-Butylbenzene	13.498	105	1641448	54.492	ug/l	99
86) p-Isopropyltoluene	13.610	119	1347741	54.501	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	656744	50.934	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	633625	50.156	ug/l	98
89) n-Butylbenzene	13.939	91	991037	49.121	ug/l	96
90) Hexachloroethane	14.204	117	245314	55.549	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	626241	51.722	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	86220	56.283	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	278351	41.264	ug/l	99
94) Hexachlorobutadiene	15.362	225	183959	41.664	ug/l	99
95) Naphthalene	15.504	128	646410	40.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	266063	42.790	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

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

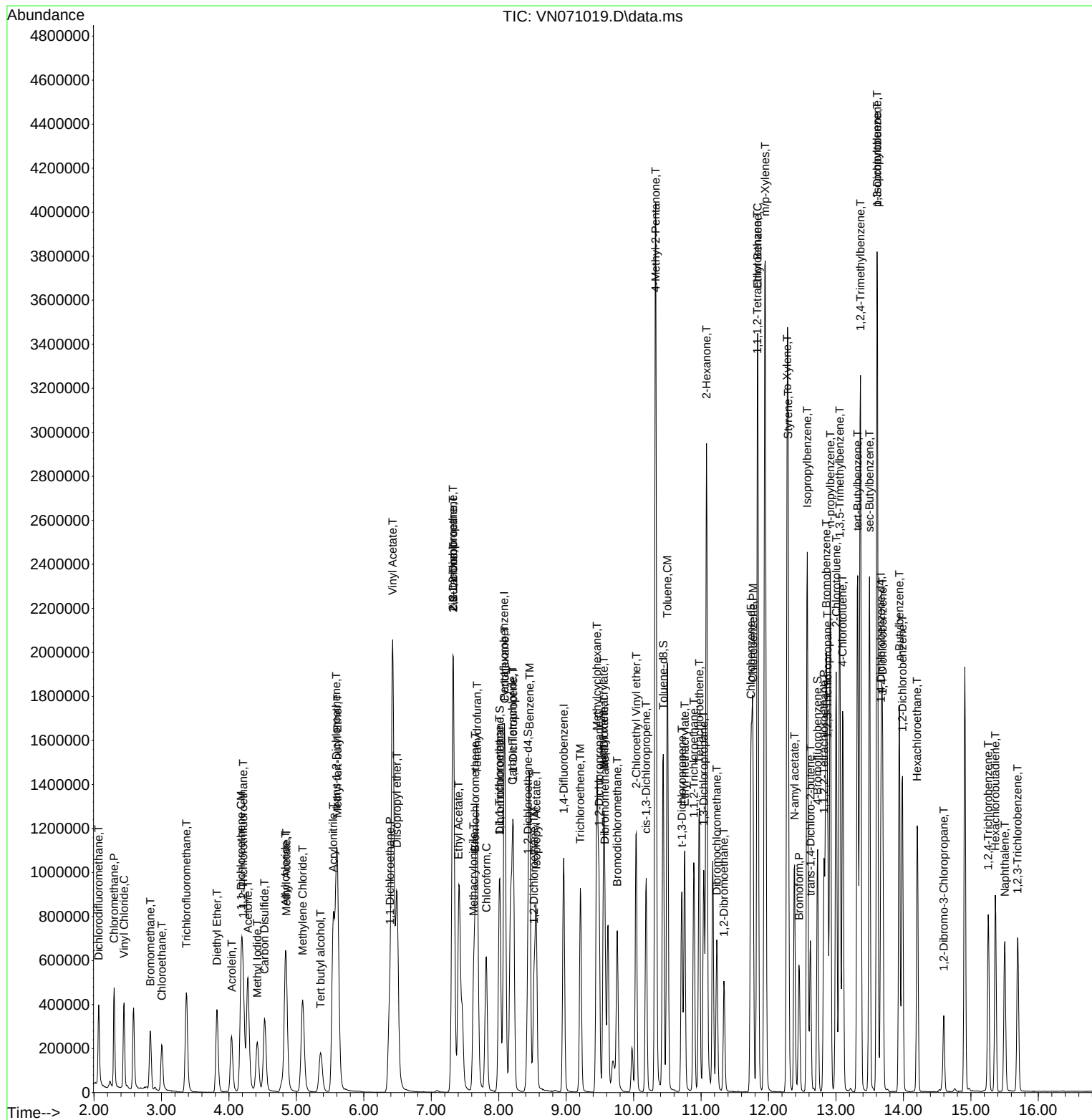
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
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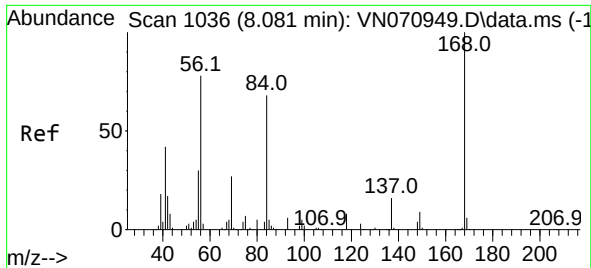
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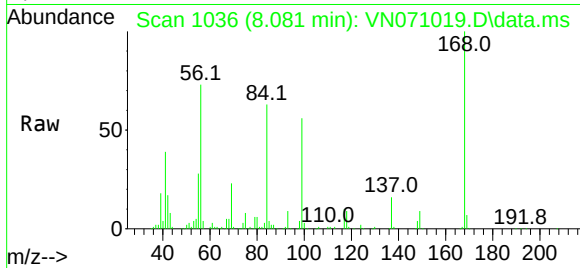
Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071019.D
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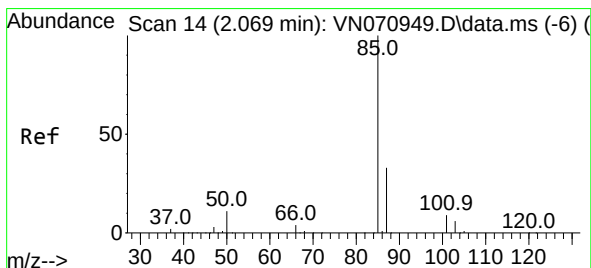
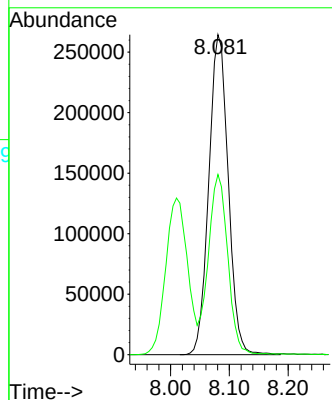
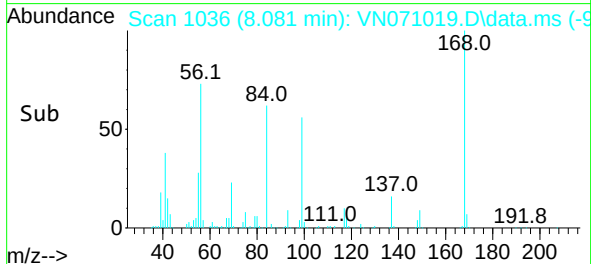
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 606179
Ion Ratio Lower Upper
168 100
99 56.0 41.3 61.9

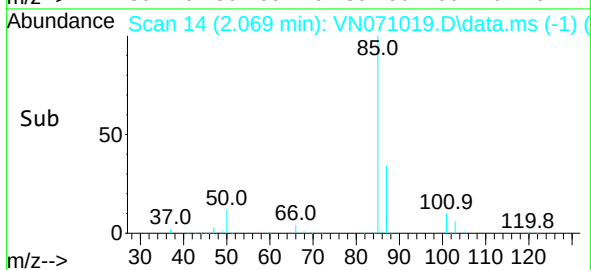
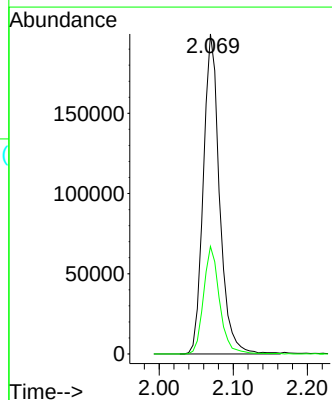
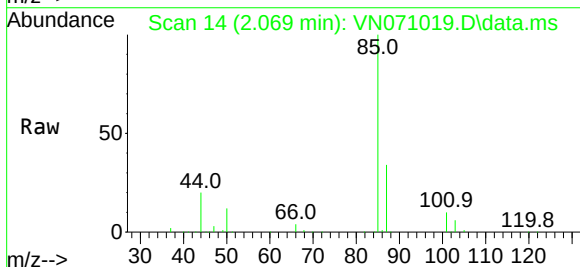
Manual Integrations
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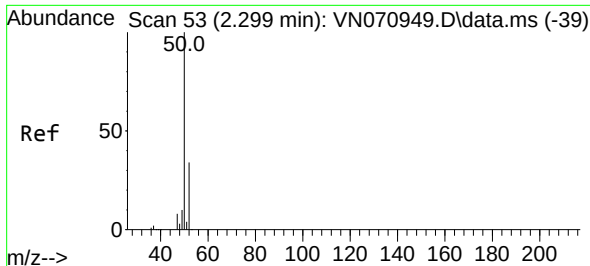
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#2
Dichlorodifluoromethane
Concen: 48.304 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

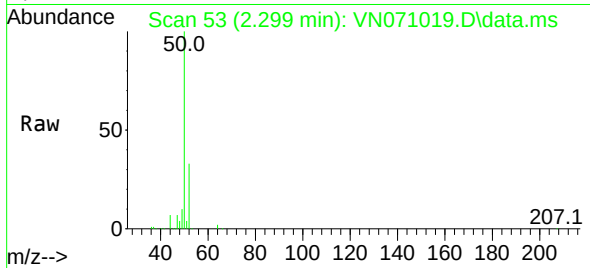
Tgt Ion: 85 Resp: 304122
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.9





#3
Chloromethane
Concen: 50.504 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

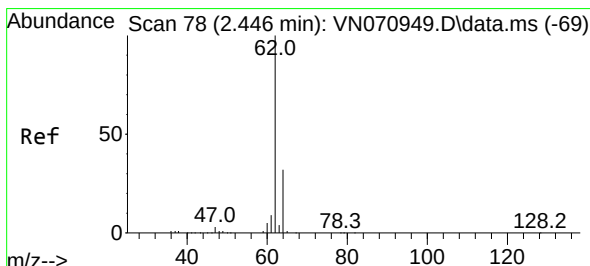
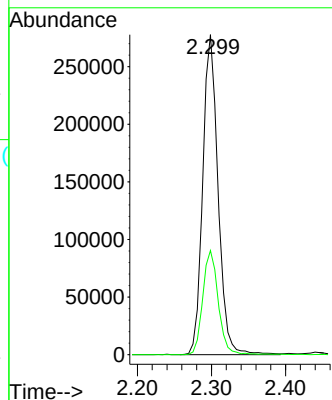
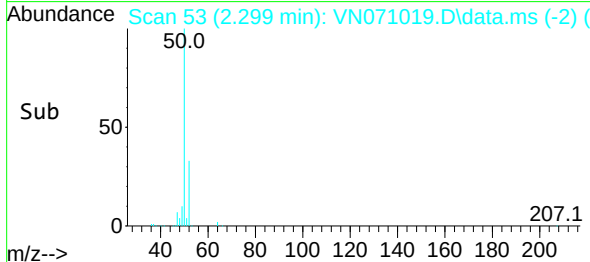
Instrument :
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Tgt Ion: 50 Resp: 399672
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

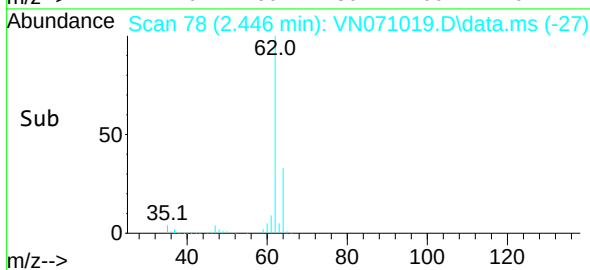
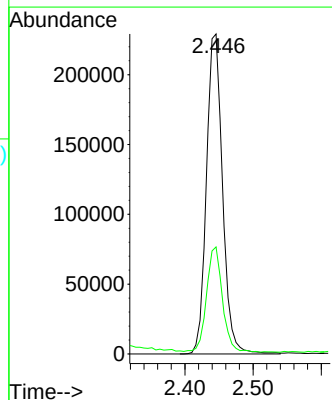
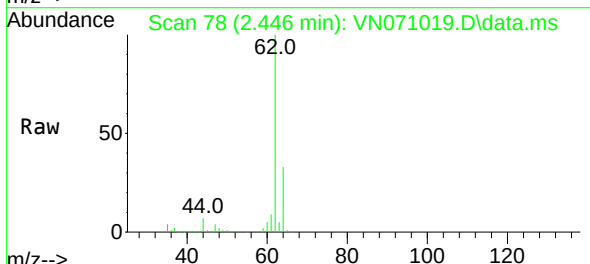
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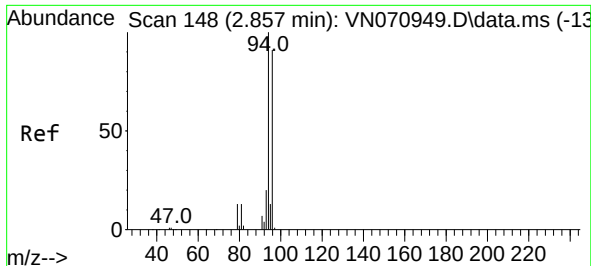
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#4
Vinyl Chloride
Concen: 47.609 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

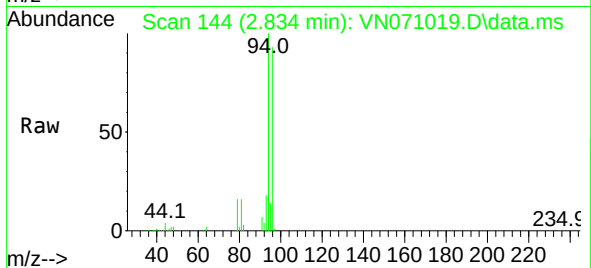
Tgt Ion: 62 Resp: 377160
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





#5
Bromomethane
Concen: 44.552 ug/l
RT: 2.834 min Scan# 148
Delta R.T. -0.024 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

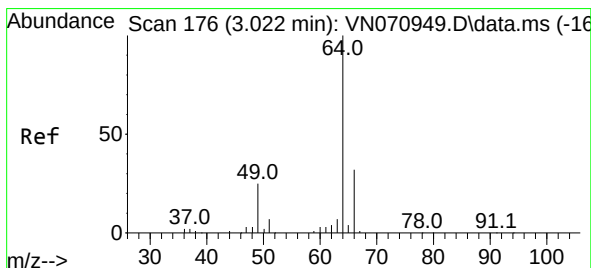
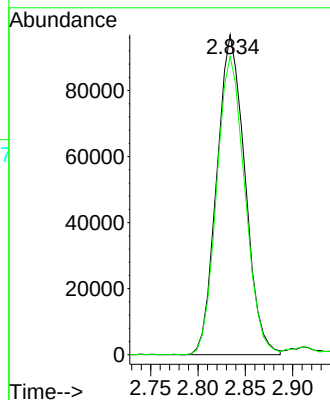
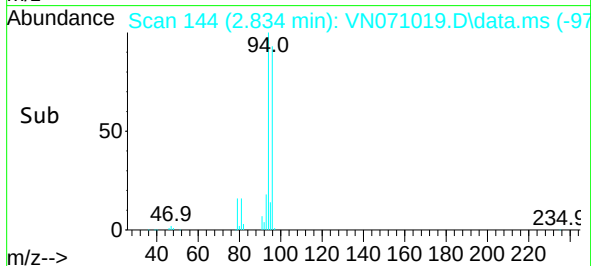
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Tgt Ion: 94 Resp: 200490
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.8

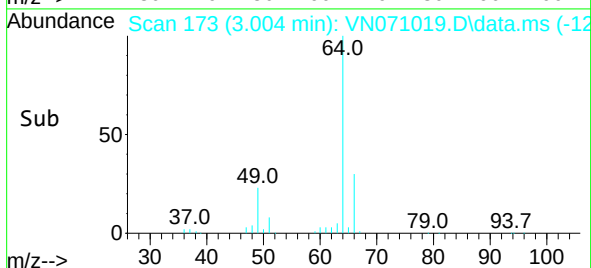
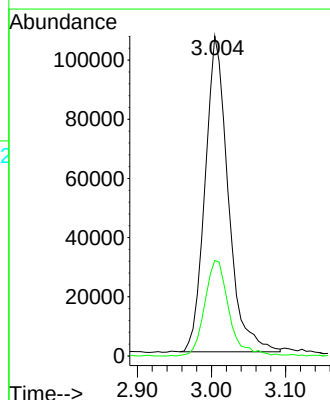
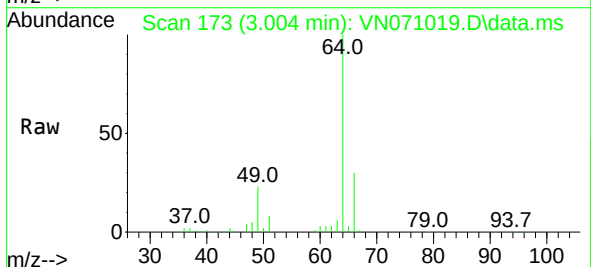
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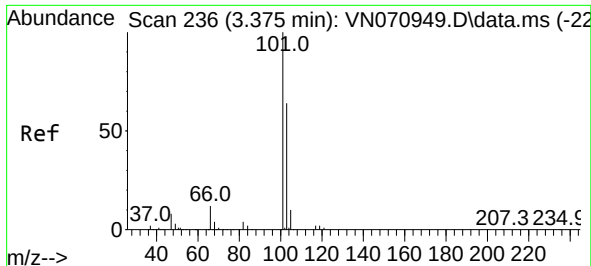
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#6
Chloroethane
Concen: 44.581 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.018 min
Lab File: VN071019.D
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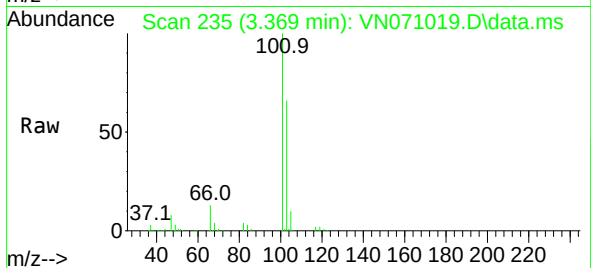
Tgt Ion: 64 Resp: 231694
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 50.834 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45

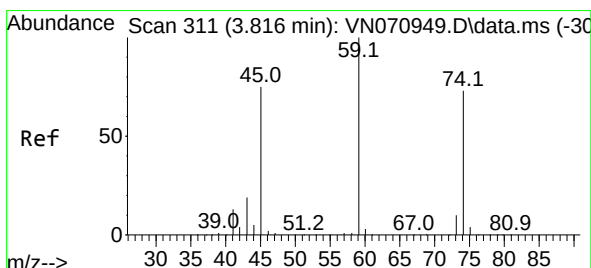
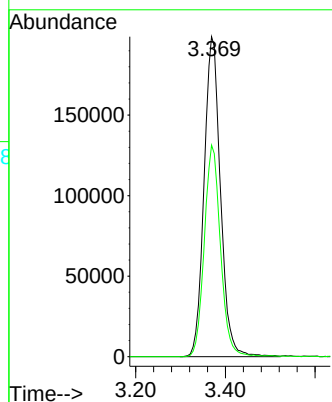
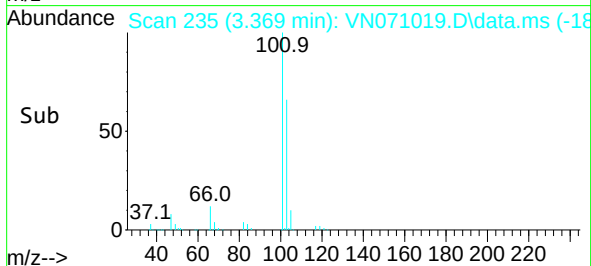
Instrument :
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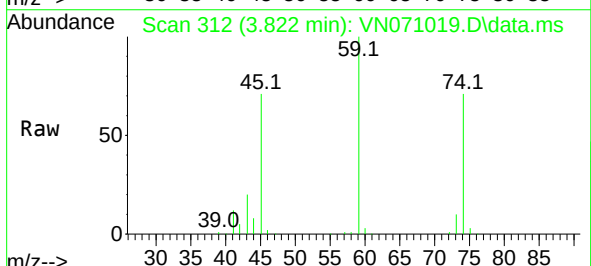
Tgt Ion:101 Resp: 50466
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.1 75.1

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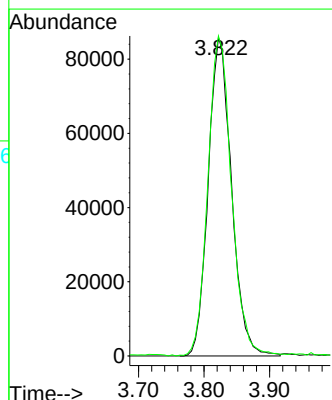
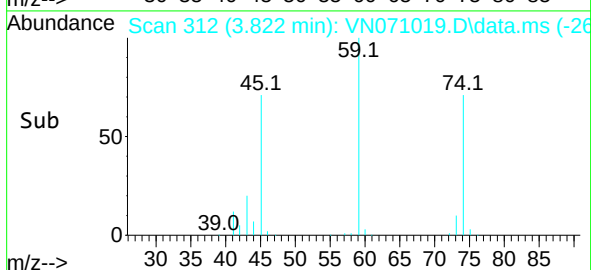
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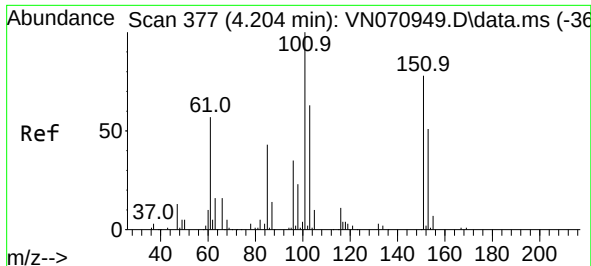


#8
 Diethyl Ether
 Concen: 49.003 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45



Tgt Ion: 74 Resp: 211485
 Ion Ratio Lower Upper
 74 100
 45 102.4 47.0 141.2





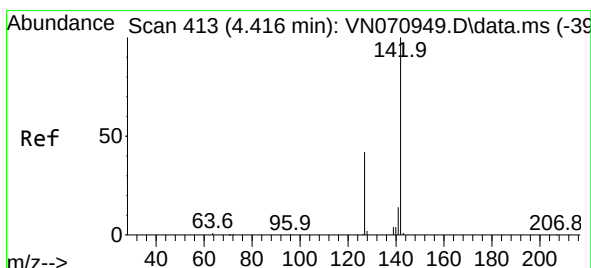
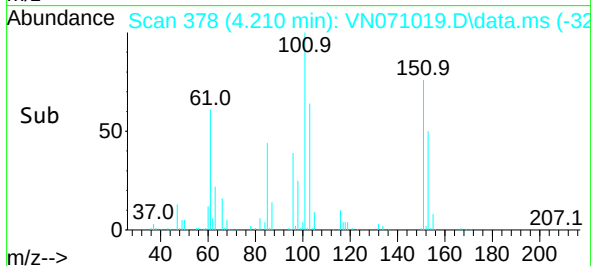
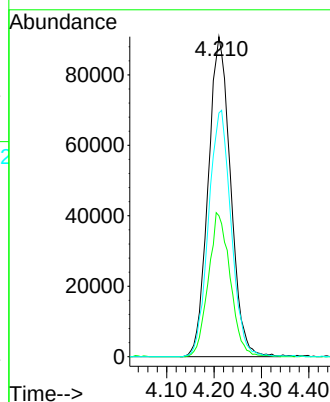
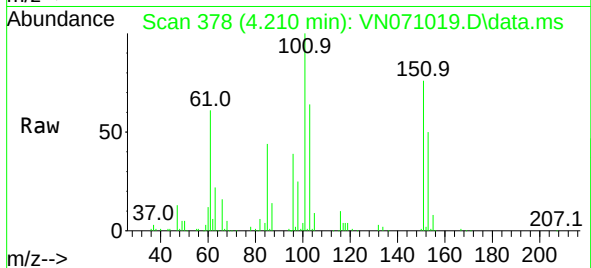
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.005 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 29849
Ion Ratio Lower Upper
101 100
85 43.9 37.2 55.8
151 77.6 65.9 98.9

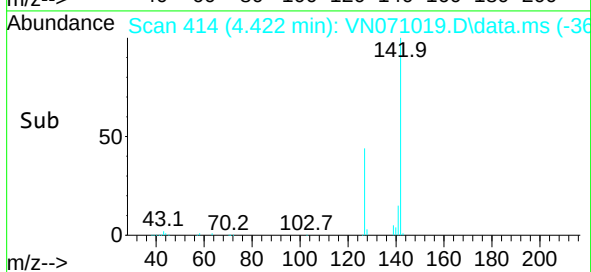
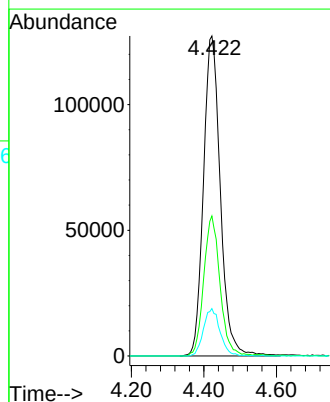
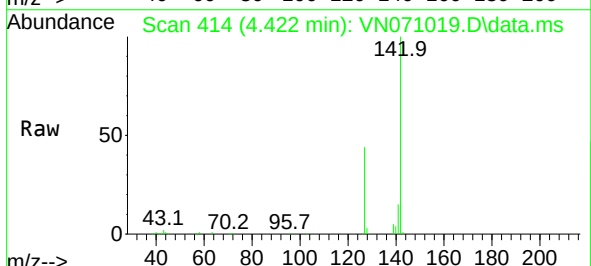
Manual Integrations
APPROVED

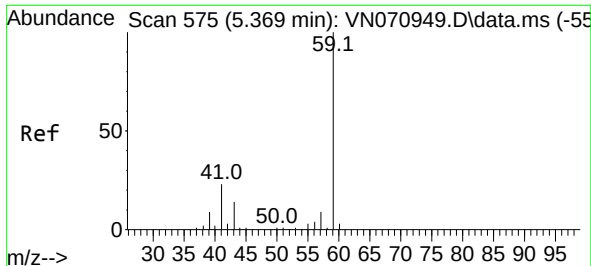
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#10
Methyl Iodide
Concen: 48.882 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion:142 Resp: 412362
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.5 11.6 17.4





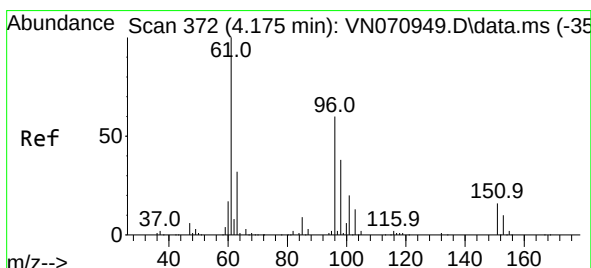
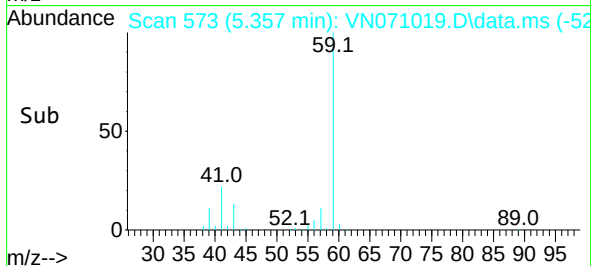
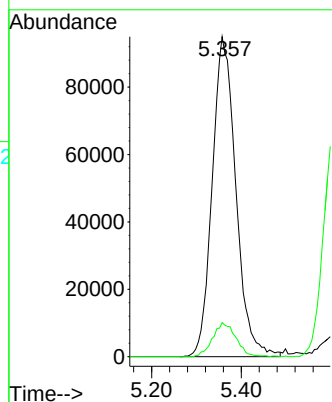
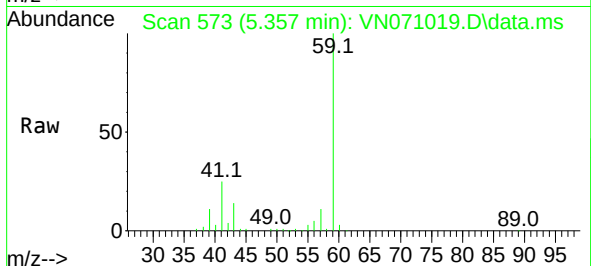
#11
Tert butyl alcohol
Concen: 275.808 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 34805
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

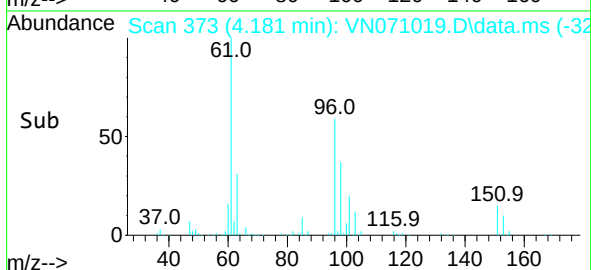
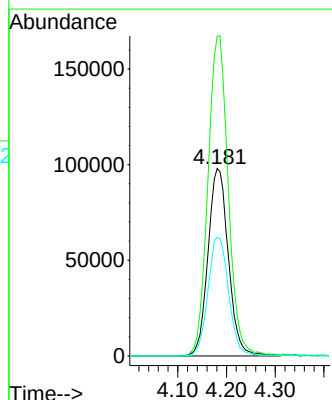
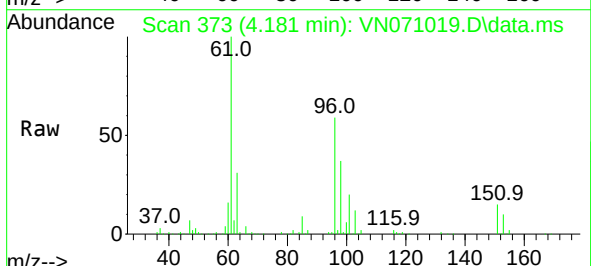
Manual Integrations
APPROVED

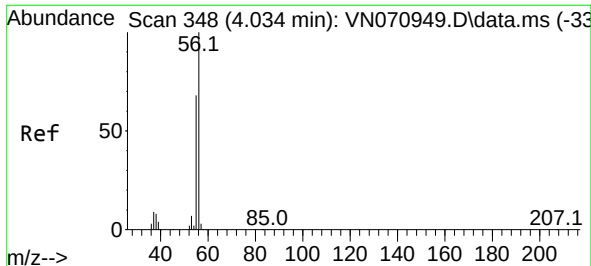
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#12
1,1-Dichloroethene
Concen: 47.859 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion: 96 Resp: 284020
Ion Ratio Lower Upper
96 100
61 170.5 131.0 196.6
98 63.2 52.4 78.6





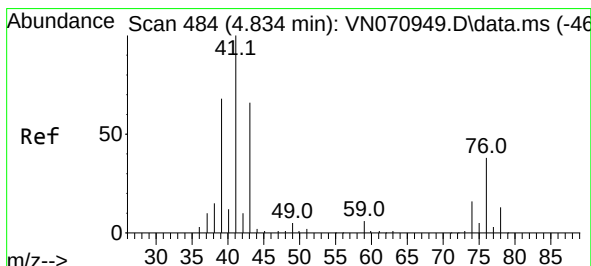
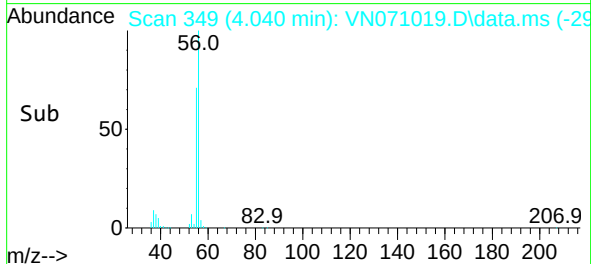
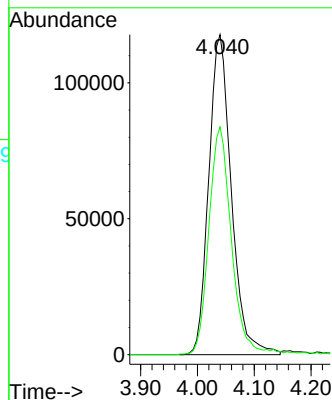
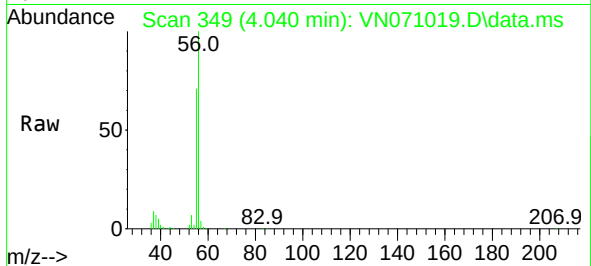
#13
Acrolein
Concen: 288.354 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 32516
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

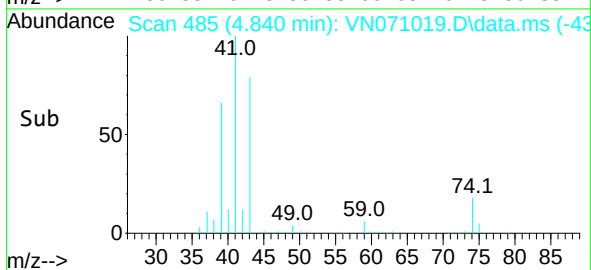
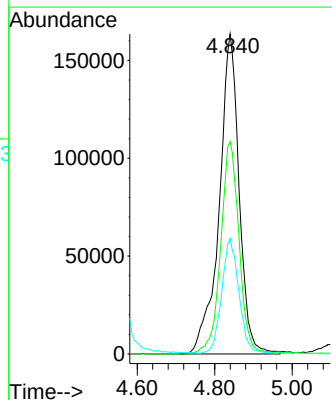
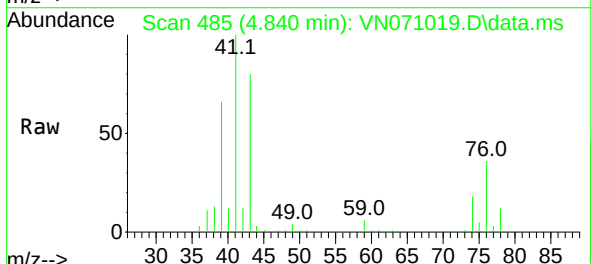
Manual Integrations
APPROVED

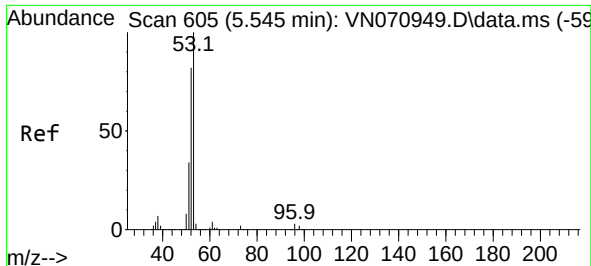
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#14
Allyl chloride
Concen: 51.509 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

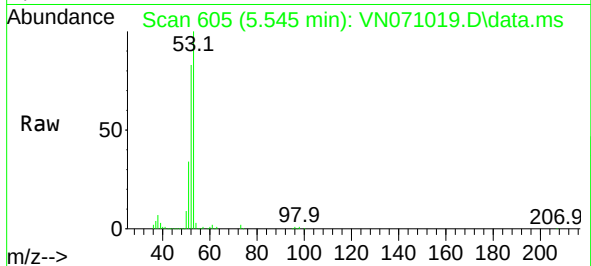
Tgt Ion: 41 Resp: 582985
Ion Ratio Lower Upper
41 100
39 61.2 61.2 91.8#
76 30.9 26.0 39.0





#15
Acrylonitrile
Concen: 284.956 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

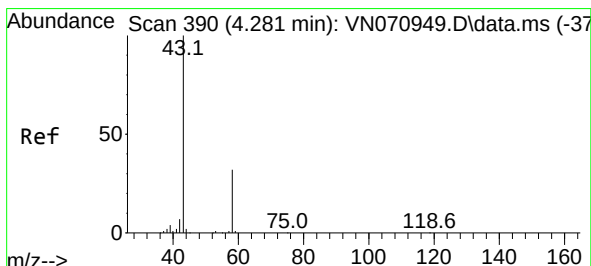
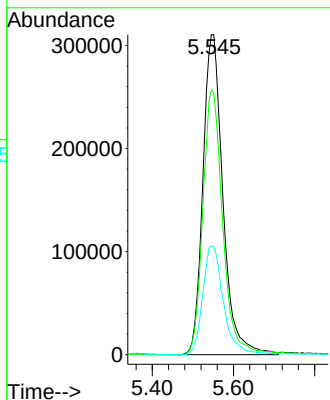
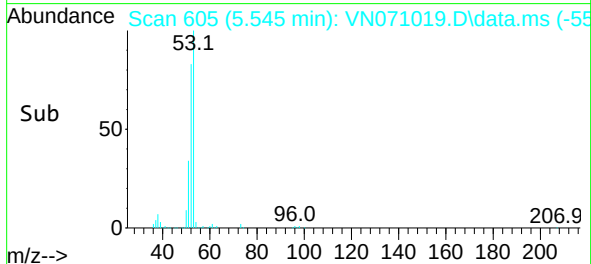
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



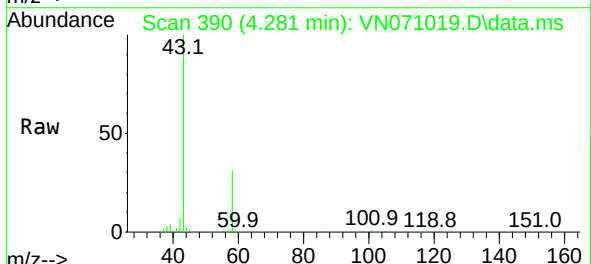
Tgt Ion: 53 Resp: 105921
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.2
51 35.2 29.6 44.4

Manual Integrations
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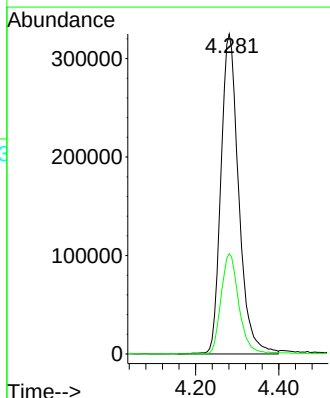
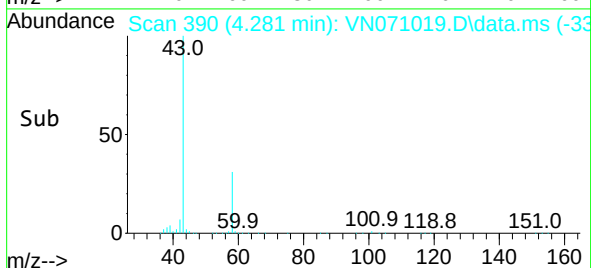
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

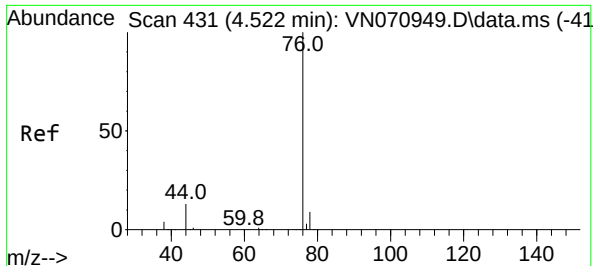


#16
Acetone
Concen: 252.868 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion: 43 Resp: 964306
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7





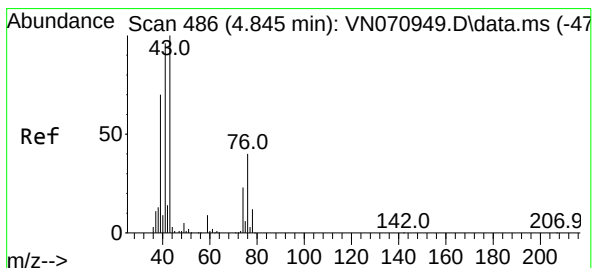
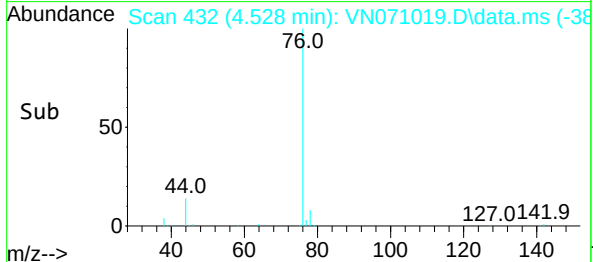
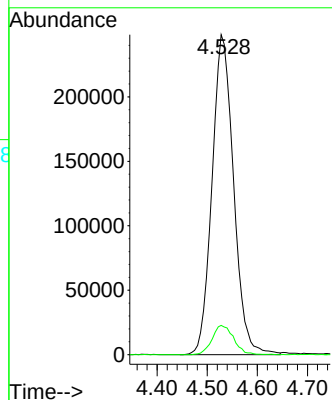
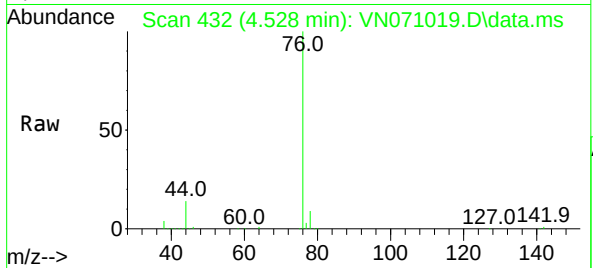
#17
Carbon Disulfide
Concen: 43.602 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 742025
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

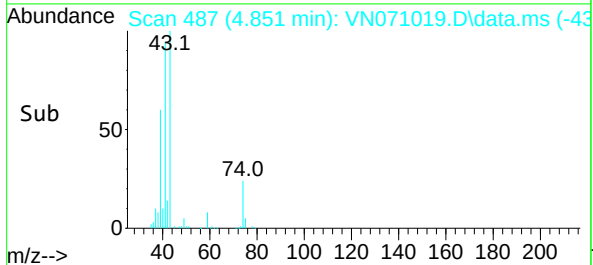
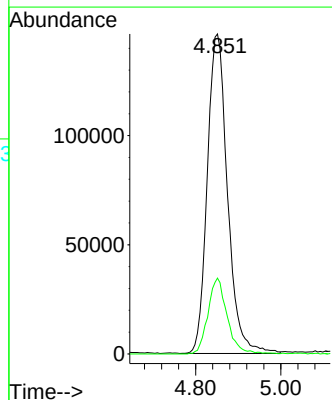
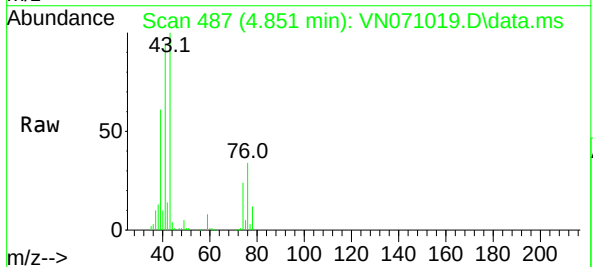
Manual Integrations
APPROVED

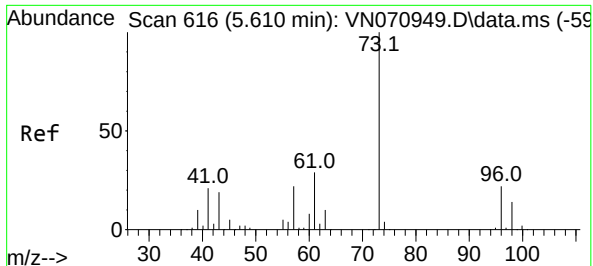
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#18
Methyl Acetate
Concen: 57.874 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

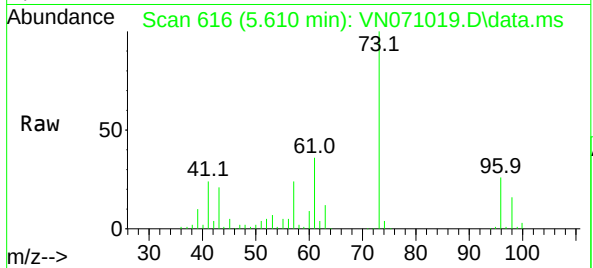
Tgt Ion: 43 Resp: 482459
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.550 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

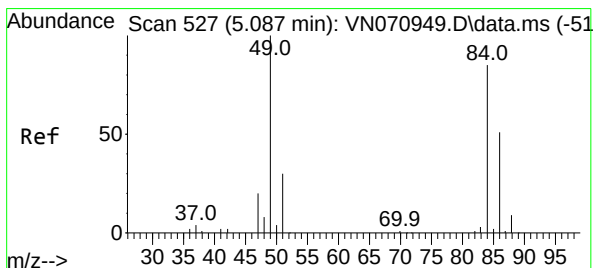
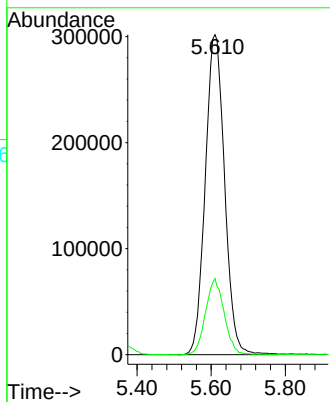
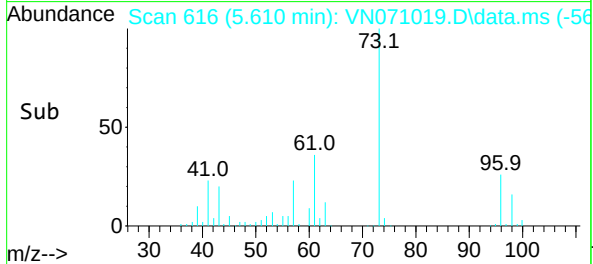
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



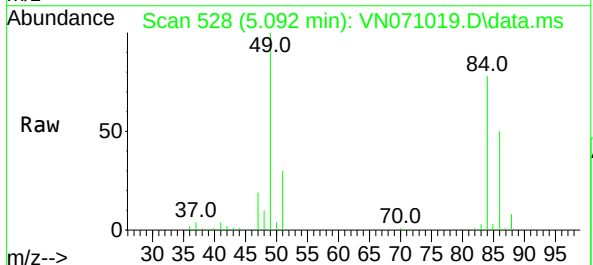
Tgt Ion: 73 Resp: 1093940
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

Manual Integrations
APPROVED

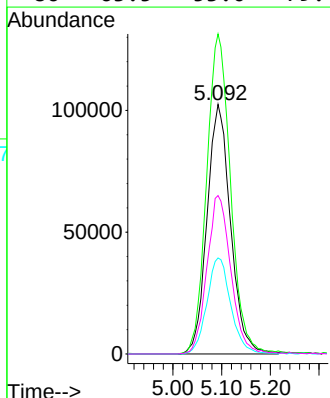
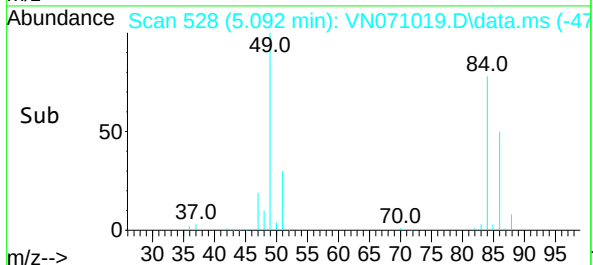
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

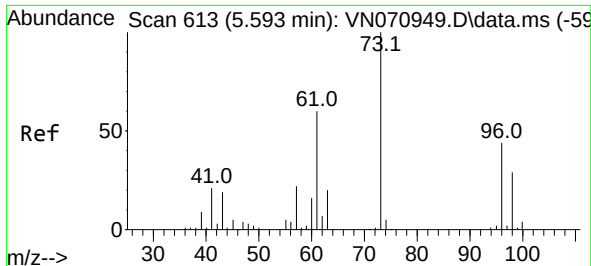


#20
Methylene Chloride
Concen: 49.584 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



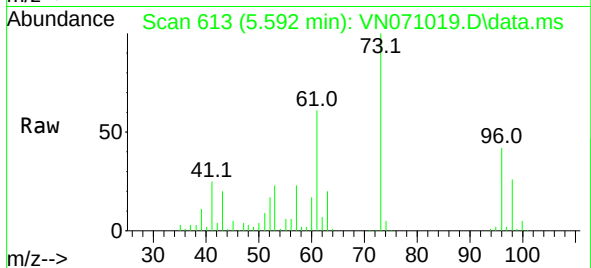
Tgt Ion: 84 Resp: 343647
Ion Ratio Lower Upper
84 100
49 128.2 93.5 140.3
51 38.5 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.295 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

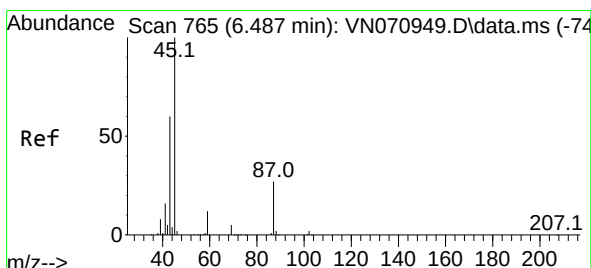
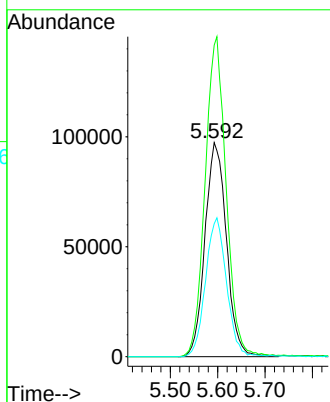
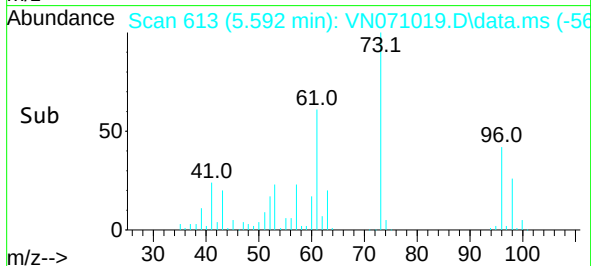
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



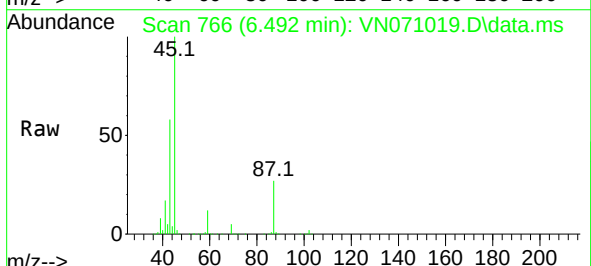
Tgt Ion: 96 Resp: 307623
Ion Ratio Lower Upper
96 100
61 145.5 105.8 158.6
98 62.1 52.0 78.0

Manual Integrations
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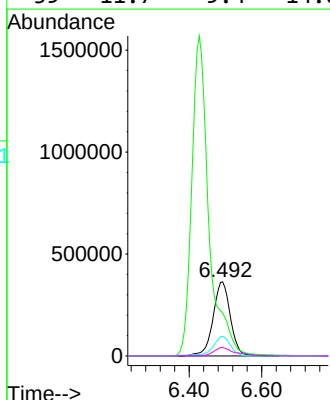
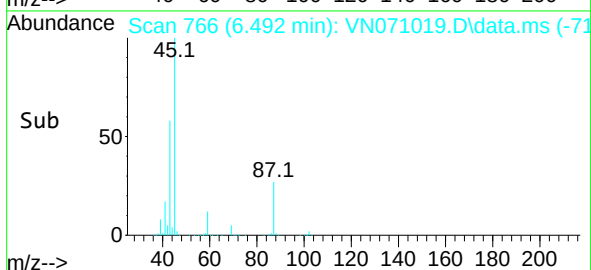
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

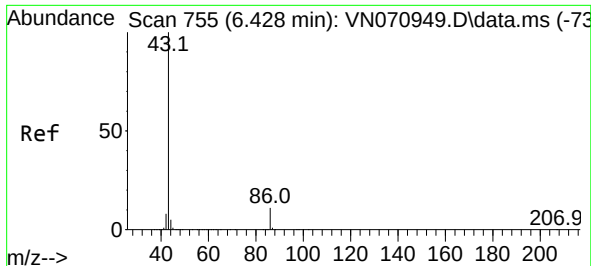


#22
Diisopropyl ether
Concen: 55.624 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



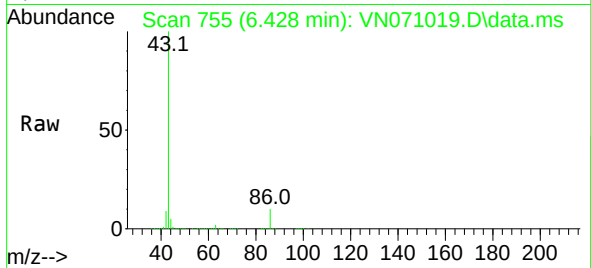
Tgt Ion: 45 Resp: 1207444
Ion Ratio Lower Upper
45 100
43 56.9 51.7 77.5
87 26.5 23.2 34.8
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 280.668 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45

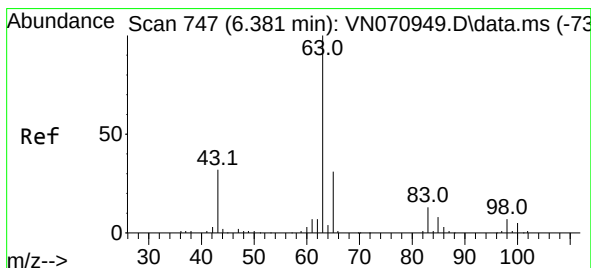
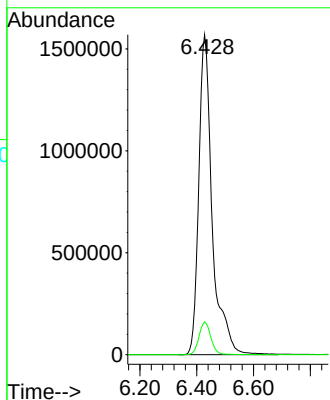
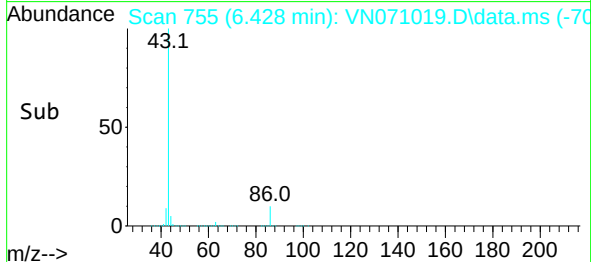
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



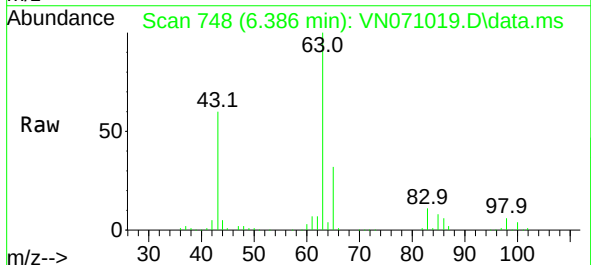
Tgt Ion: 43 Resp: 515741
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
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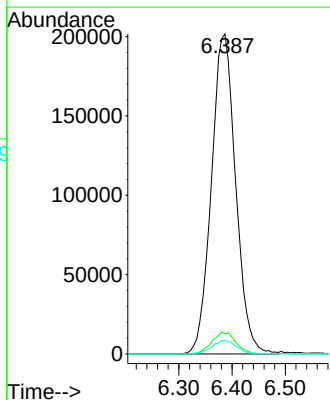
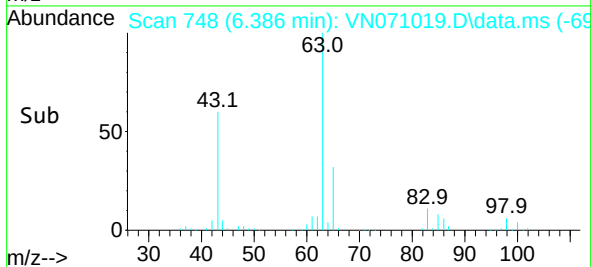
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022

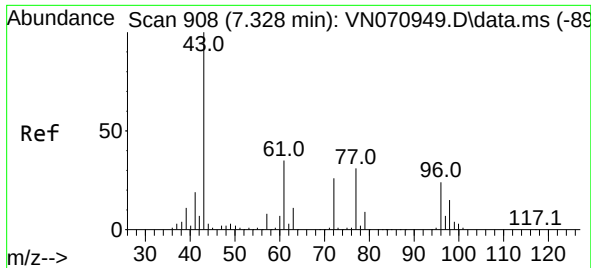


#24
 1,1-Dichloroethane
 Concen: 52.435 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45



Tgt Ion: 63 Resp: 638062
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.1 2.1 6.5





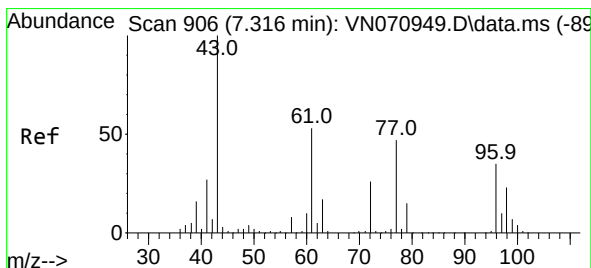
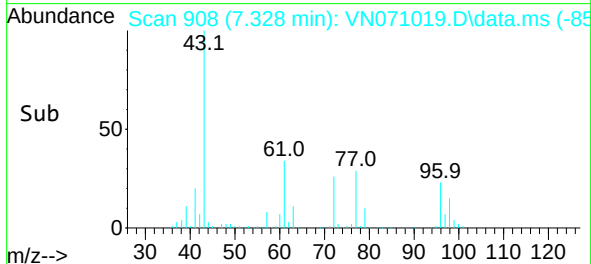
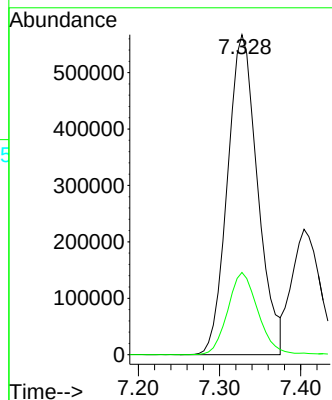
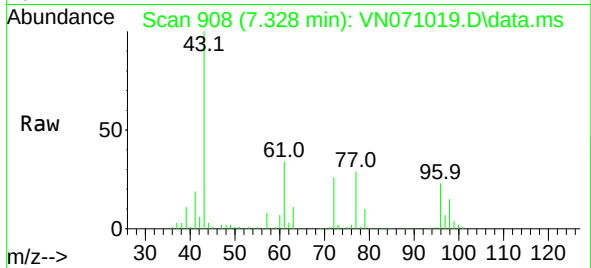
#25
2-Butanone
Concen: 289.165 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1466938
Ion Ratio Lower Upper
43 100
72 25.7 21.7 32.5

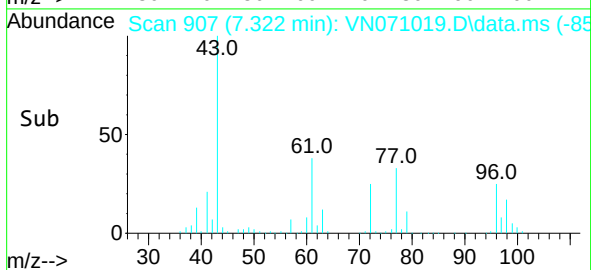
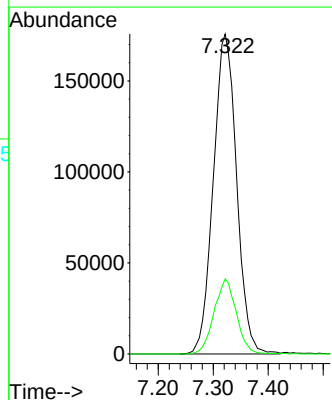
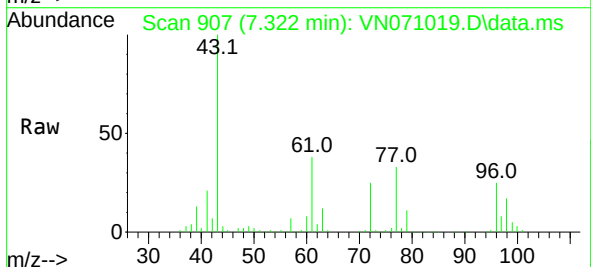
Manual Integrations
APPROVED

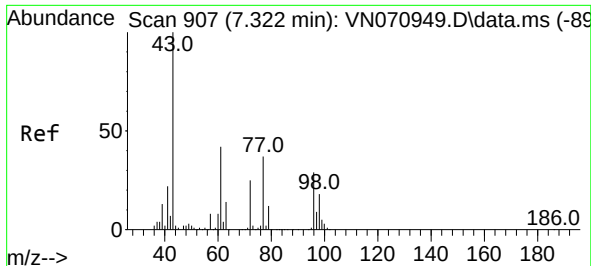
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#26
2,2-Dichloropropane
Concen: 51.123 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion: 77 Resp: 517028
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.796 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071019.D

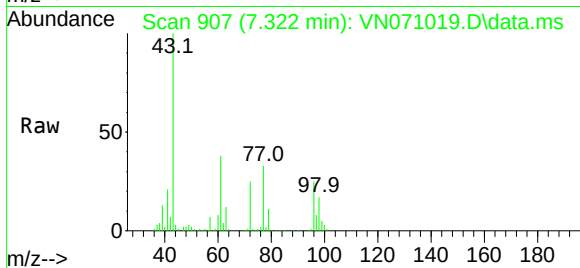
Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



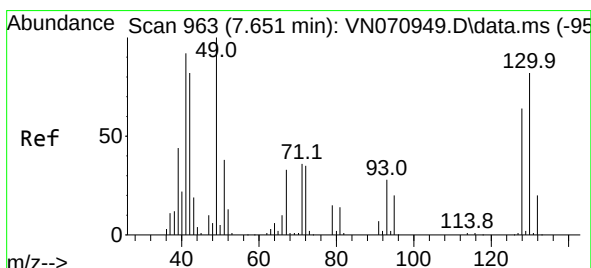
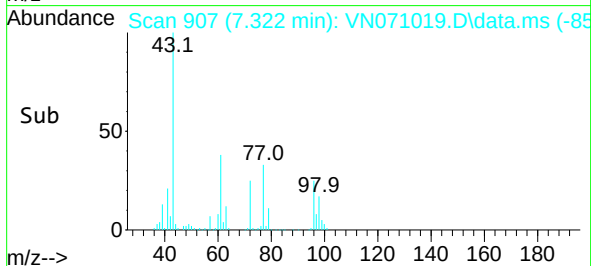
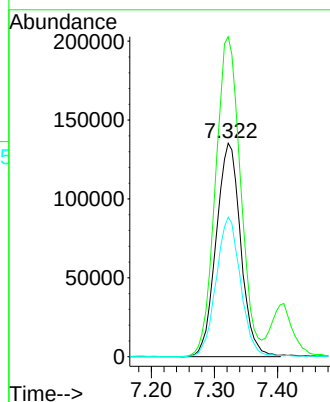
Tgt Ion:	96	Resp:	364540
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	275.0
98	65.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#28

Bromochloromethane

Concen: 54.209 ug/l

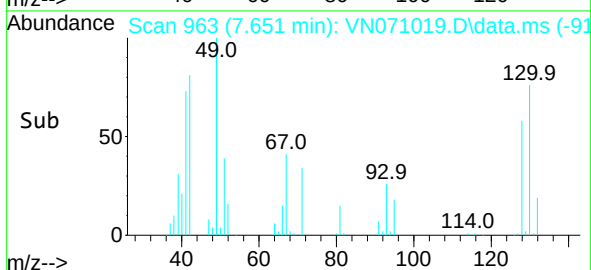
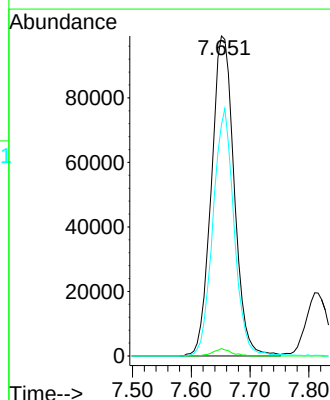
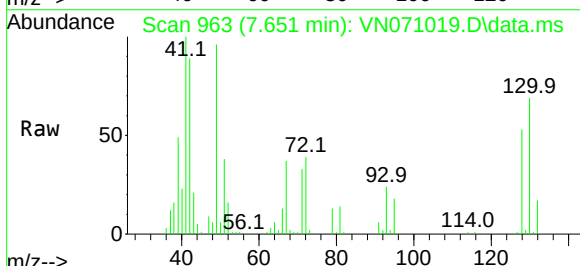
RT: 7.651 min Scan# 963

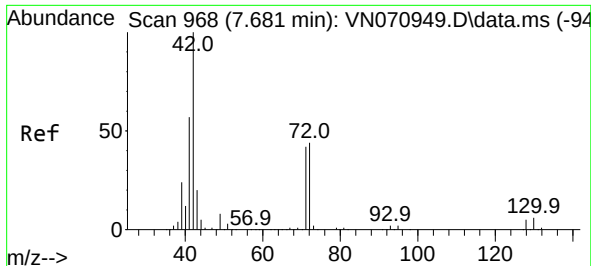
Delta R.T. -0.000 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Tgt Ion:	49	Resp:	266988
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	71.4	67.8	101.8





#29

Tetrahydrofuran

Concen: 294.844 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

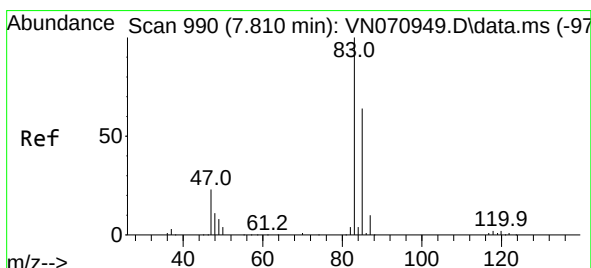
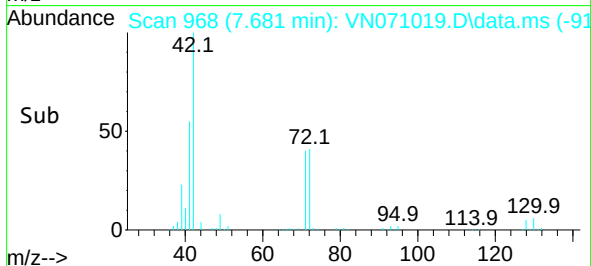
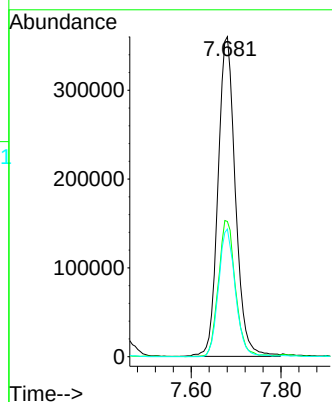
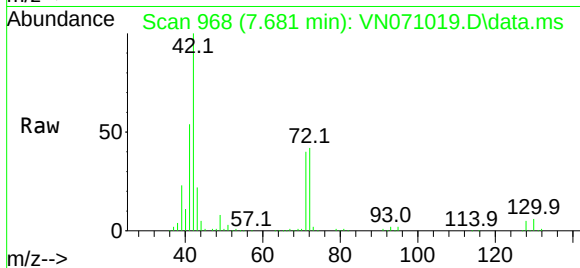
Tgt Ion: 42 Resp: 968973
 Ion Ratio Lower Upper
 42 100
 72 41.8 36.3 54.5
 71 38.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#30

Chloroform

Concen: 51.024 ug/l

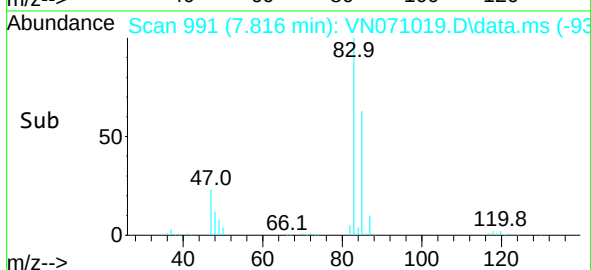
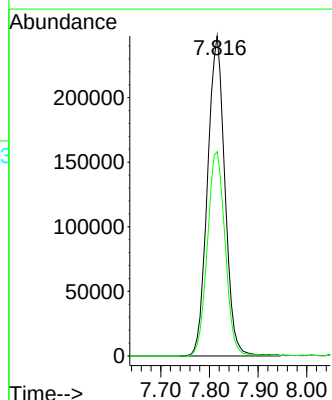
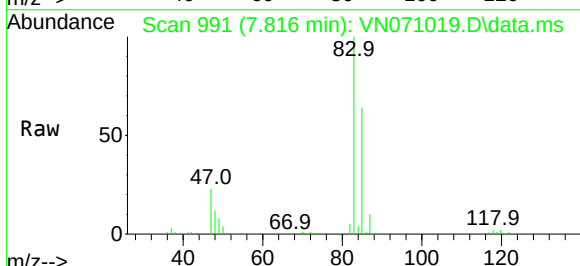
RT: 7.816 min Scan# 991

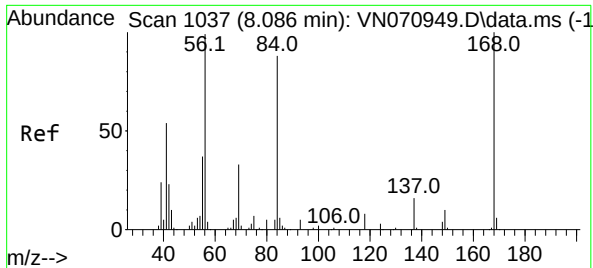
Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

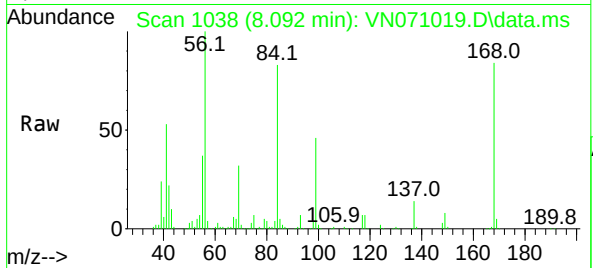
Tgt Ion: 83 Resp: 610667
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 50.059 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

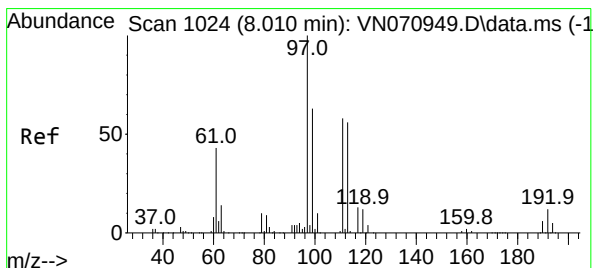
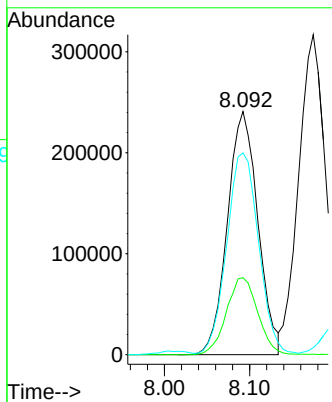
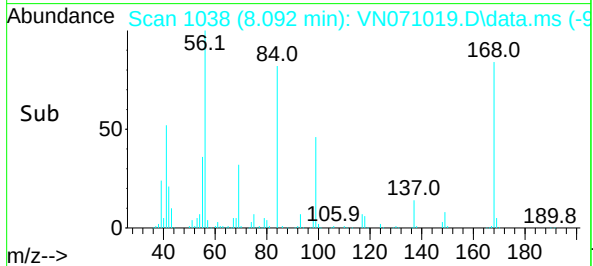
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



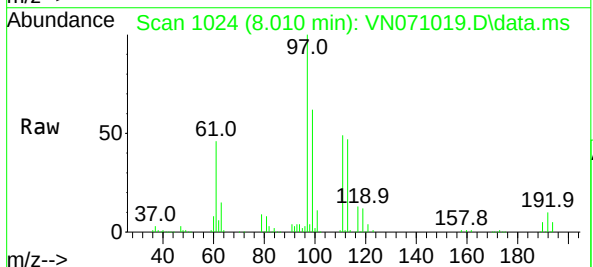
Tgt Ion: 56 Resp: 599492
Ion Ratio Lower Upper
56 100
69 31.6 27.1 40.7
84 81.6 73.4 110.0

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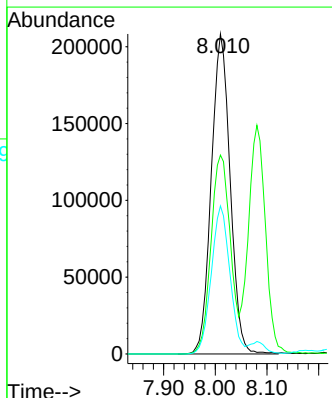
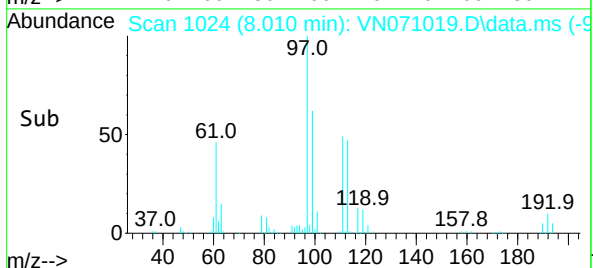
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

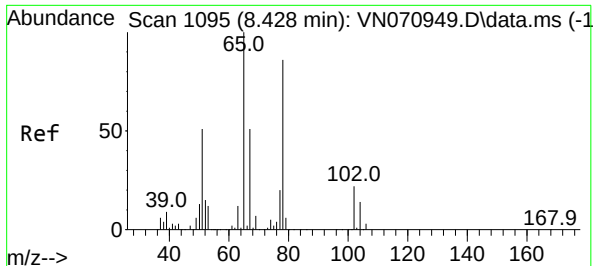


#32
1,1,1-Trichloroethane
Concen: 51.096 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion: 97 Resp: 528109
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 45.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.618 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 343580

Ion Ratio Lower Upper

65 100

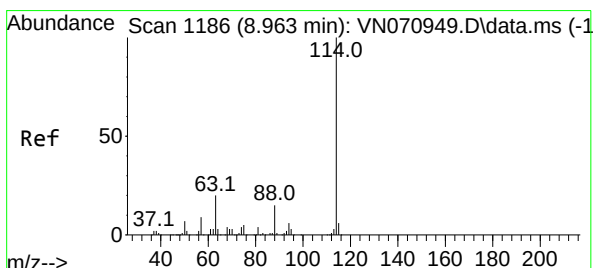
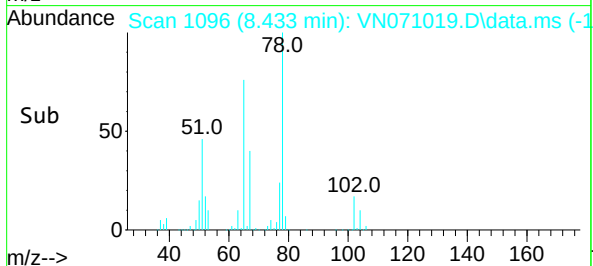
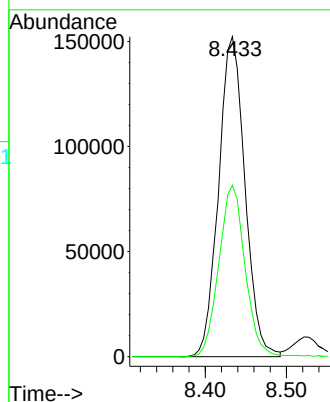
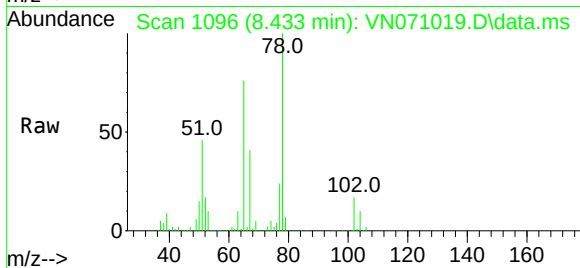
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

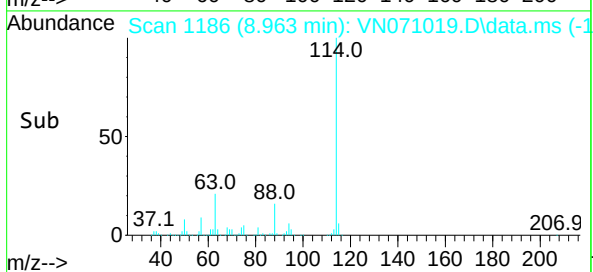
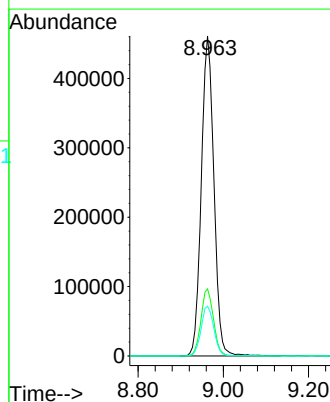
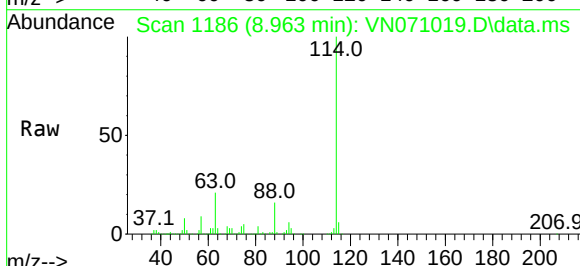
Tgt Ion:114 Resp: 946198

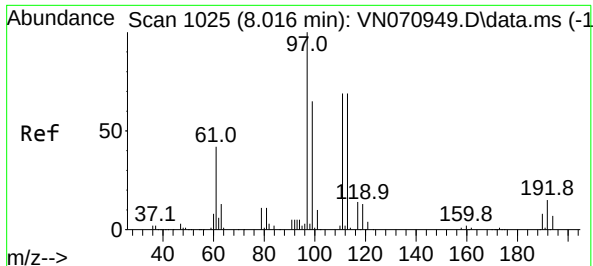
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 15.5 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.077 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071019.D

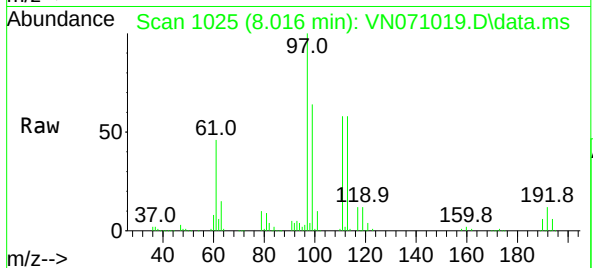
Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 270570

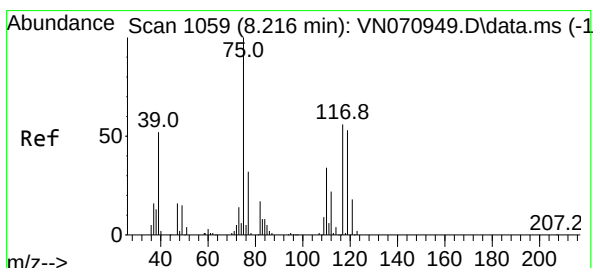
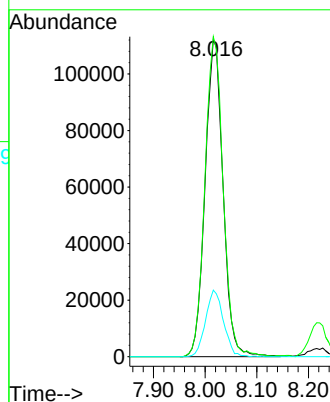
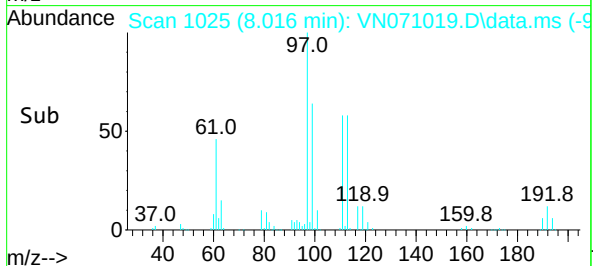
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	21.0	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#36

1,1-Dichloropropene

Concen: 50.006 ug/l

RT: 8.216 min Scan# 1059

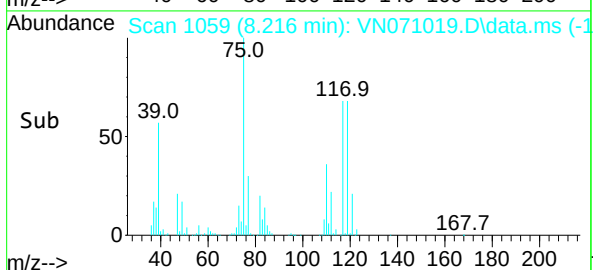
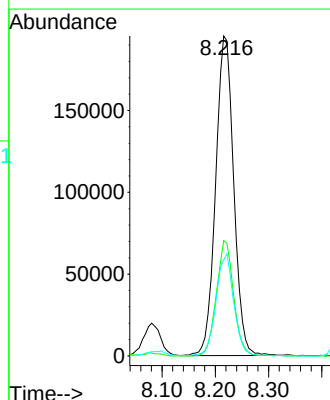
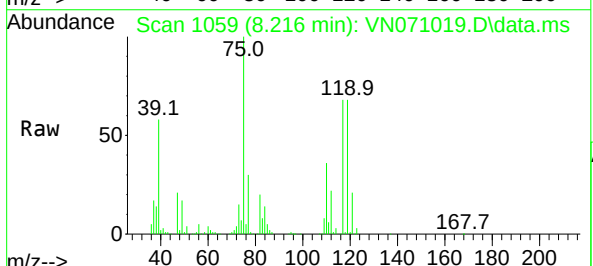
Delta R.T. -0.000 min

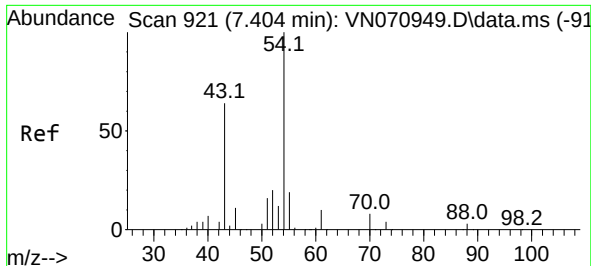
Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Tgt Ion: 75 Resp: 461087

Ion	Ratio	Lower	Upper
75	100		
110	34.4	18.4	55.2
77	31.0	24.4	36.6





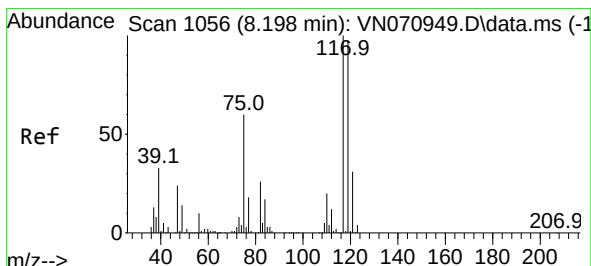
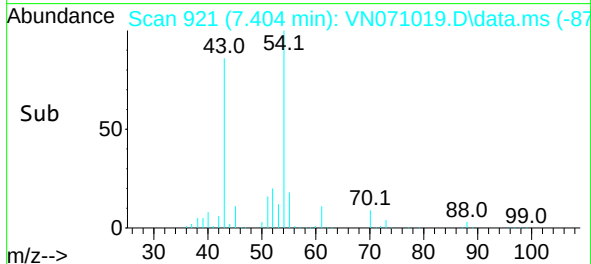
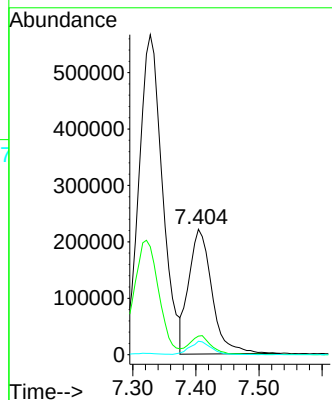
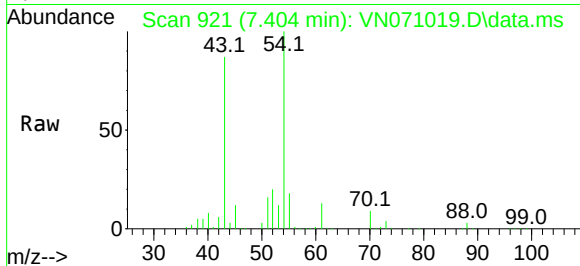
#37
Ethyl Acetate
Concen: 57.033 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 56398
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.7 7.9 11.9

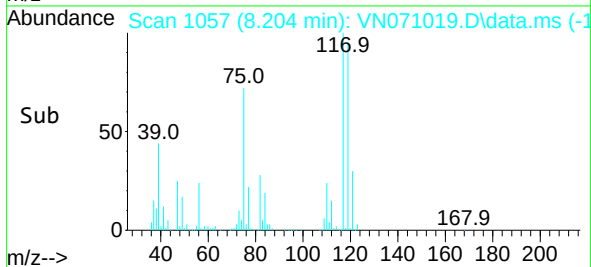
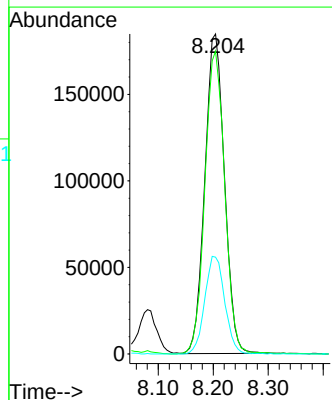
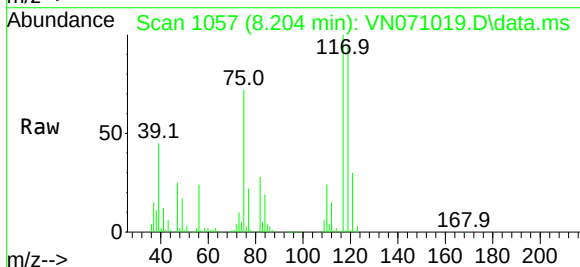
Manual Integrations
APPROVED

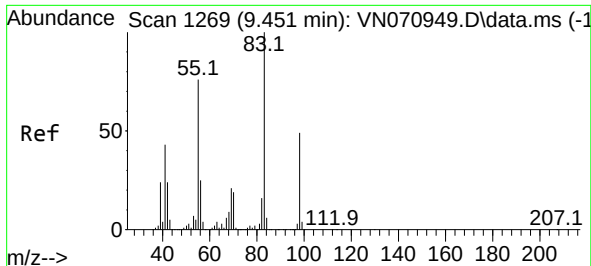
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#38
Carbon Tetrachloride
Concen: 50.436 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion:117 Resp: 458210
Ion Ratio Lower Upper
117 100
119 94.6 76.1 114.1
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 48.633 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 577009

Ion Ratio Lower Upper

83 100

55 78.1 58.1 87.1

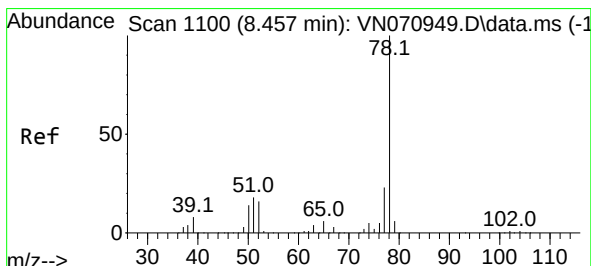
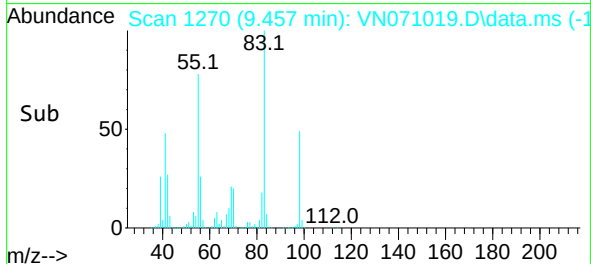
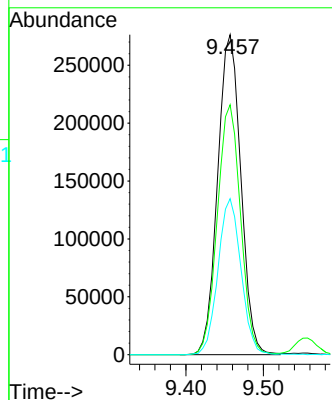
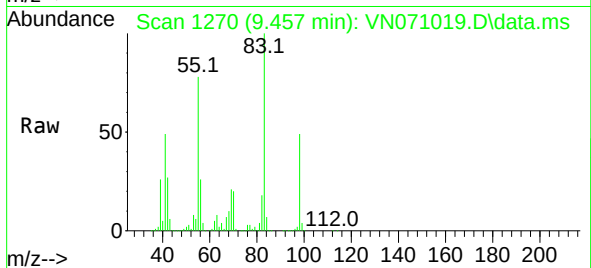
98 48.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#40

Benzene

Concen: 51.385 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071019.D

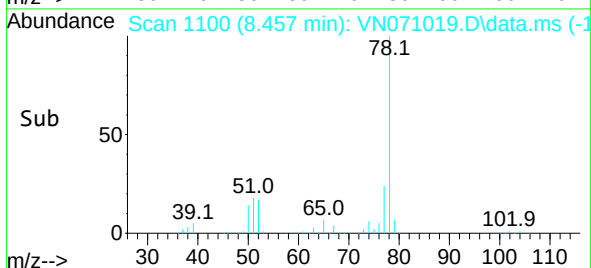
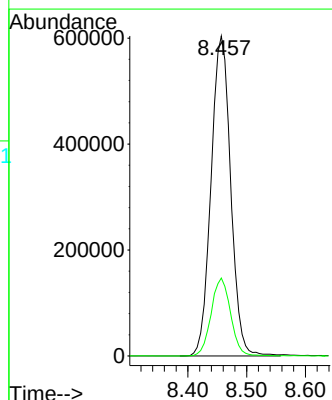
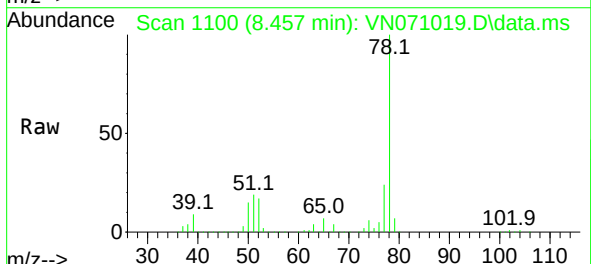
Acq: 22 Feb 2022 10:45

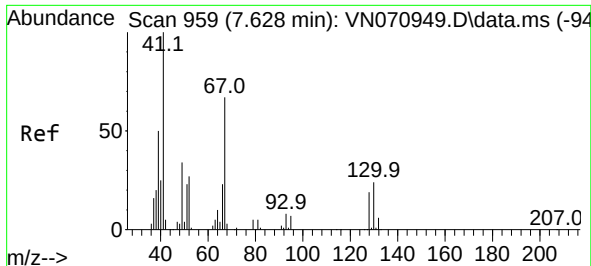
Tgt Ion: 78 Resp: 1401483

Ion Ratio Lower Upper

78 100

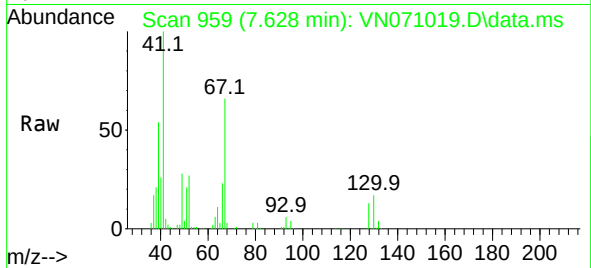
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 61.153 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

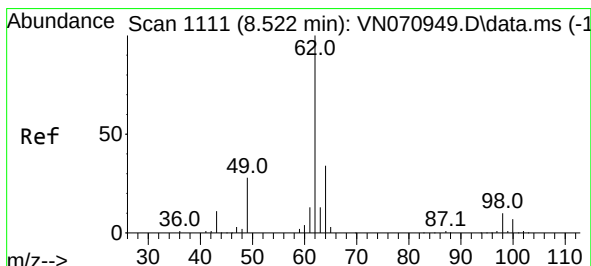
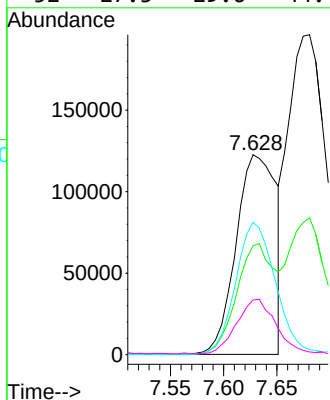
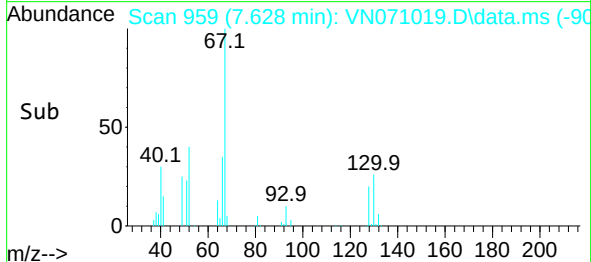
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 31849
Ion Ratio Lower Upper
41 100
39 52.3 48.1 72.1
67 66.8 68.3 102.5
52 27.3 29.6 44.4#

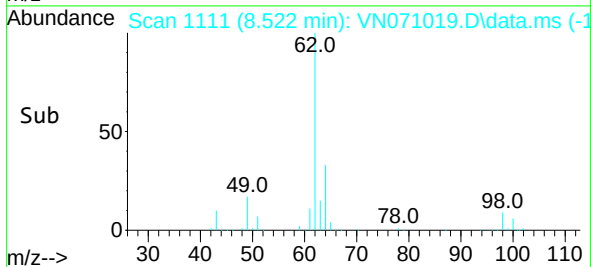
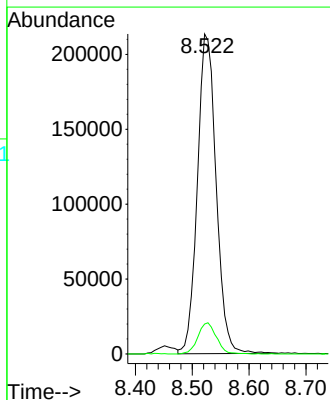
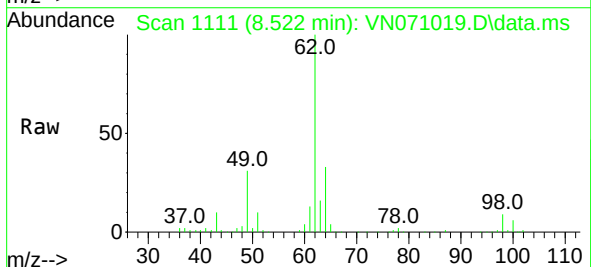
Manual Integrations
APPROVED

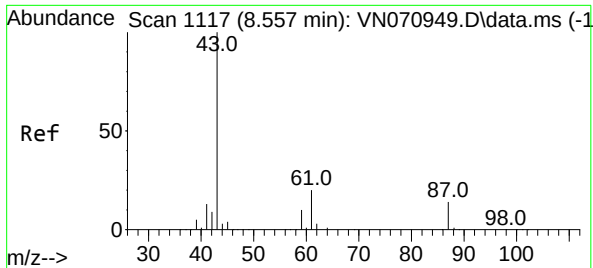
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#42
1,2-Dichloroethane
Concen: 52.603 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

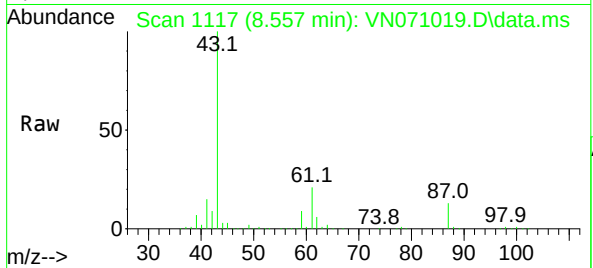
Tgt Ion: 62 Resp: 488630
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 56.145 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

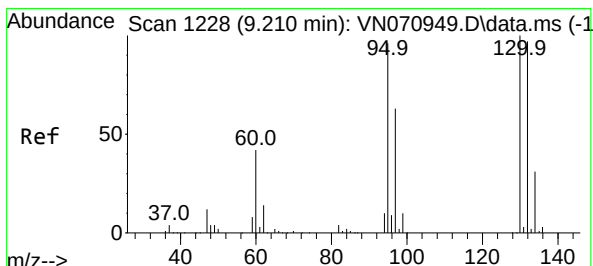
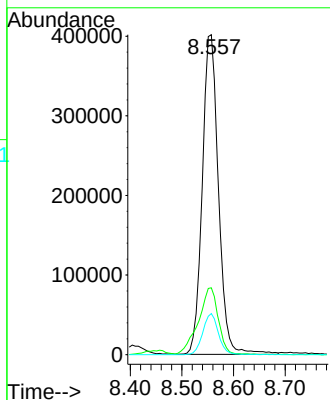
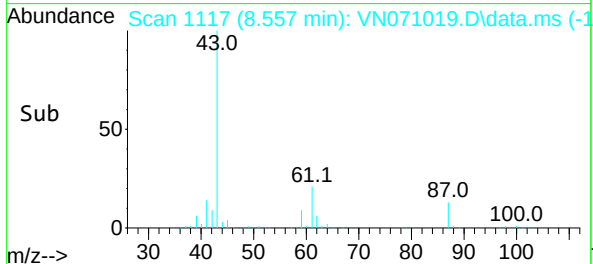
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



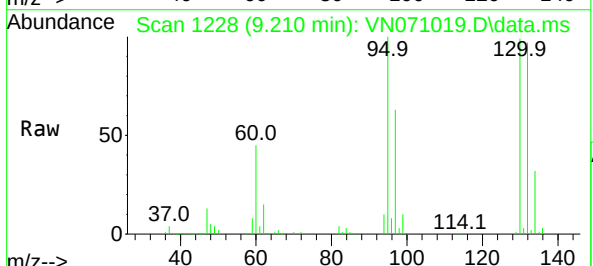
Tgt Ion: 43 Resp: 875125
Ion Ratio Lower Upper
43 100
61 25.8 20.4 30.6
87 12.4 11.2 16.8

Manual Integrations
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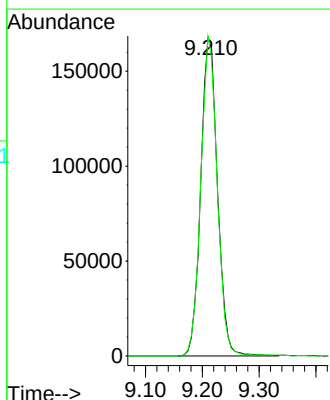
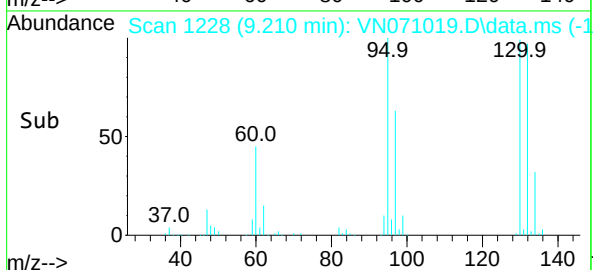
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

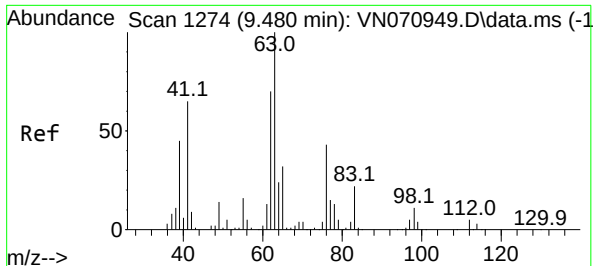


#44
Trichloroethene
Concen: 47.824 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion:130 Resp: 343477
Ion Ratio Lower Upper
130 100
95 100.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 53.754 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 37555

Ion Ratio Lower Upper

63 100

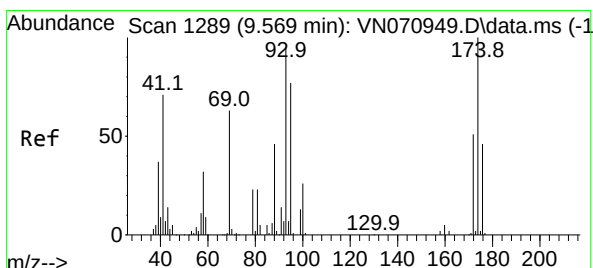
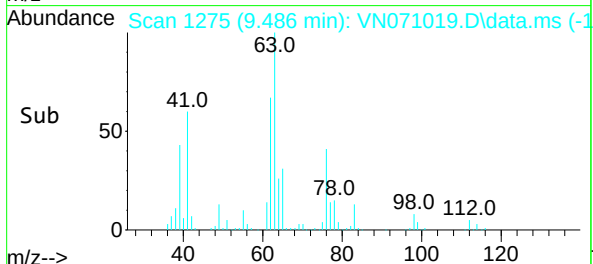
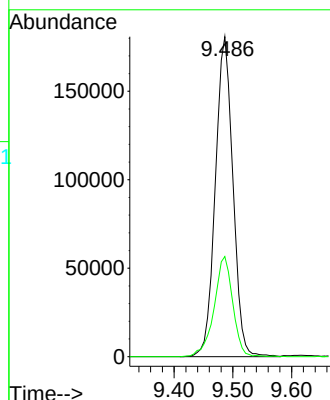
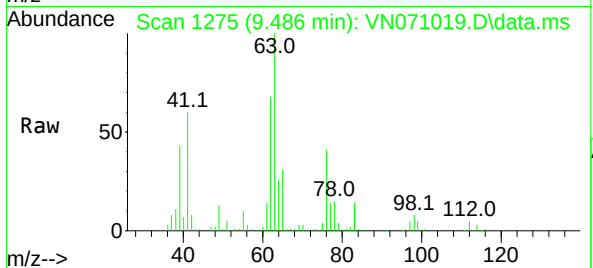
65 31.3 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#46

Dibromomethane

Concen: 50.732 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

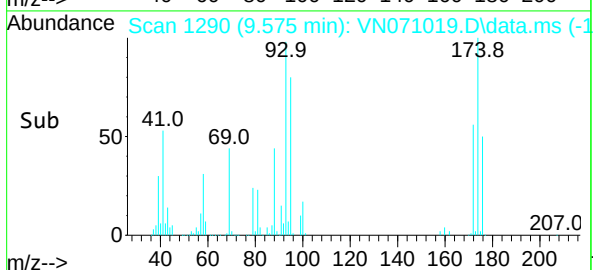
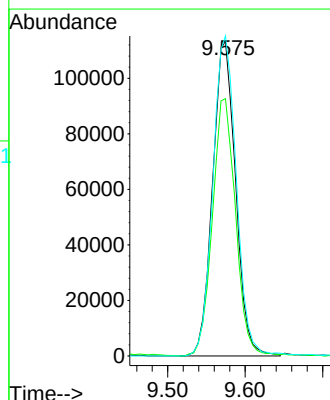
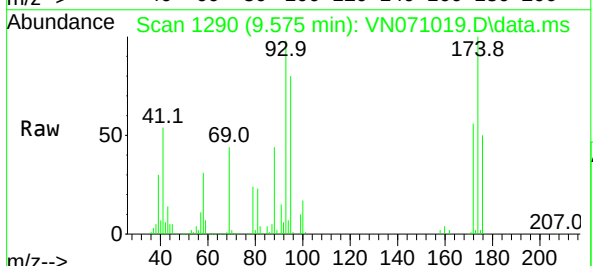
Tgt Ion: 93 Resp: 233253

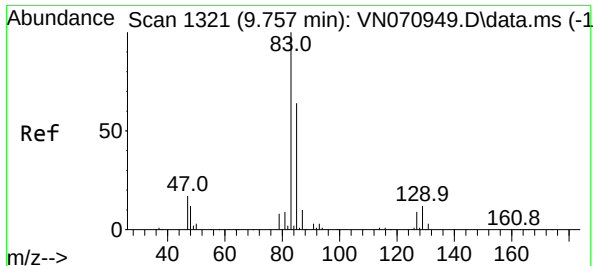
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 104.0 84.6 127.0





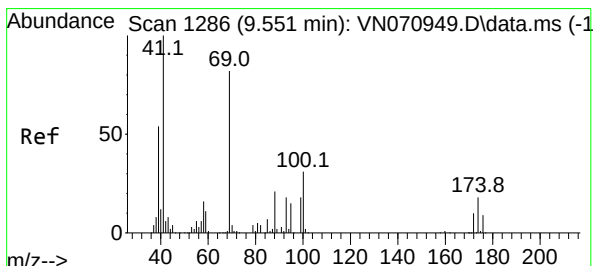
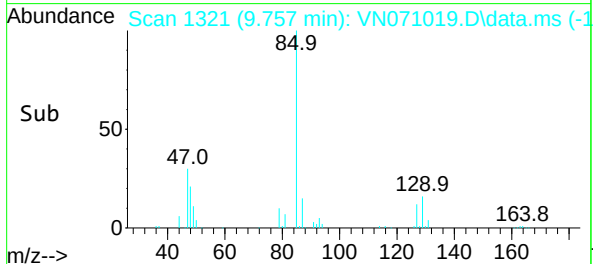
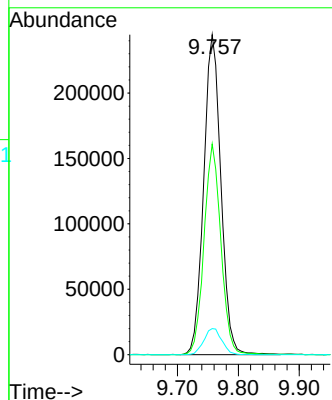
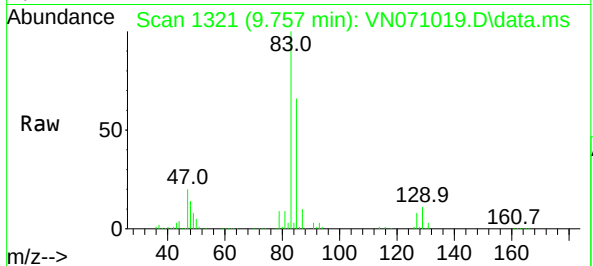
#47
Bromodichloromethane
Concen: 51.846 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 481762
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3
127 8.1 7.1 10.7

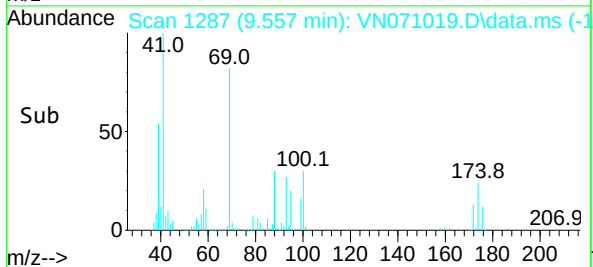
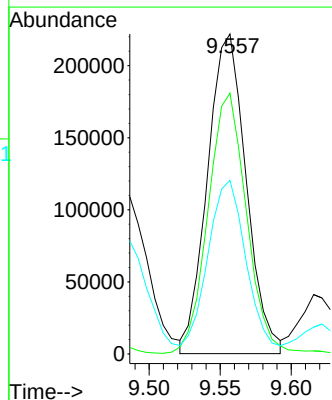
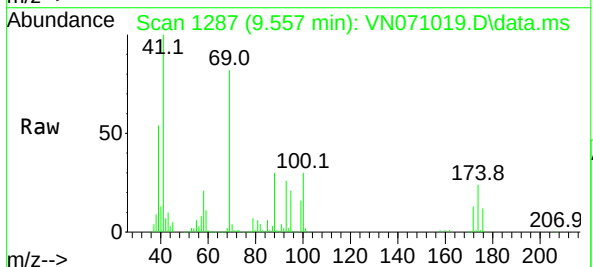
Manual Integrations
APPROVED

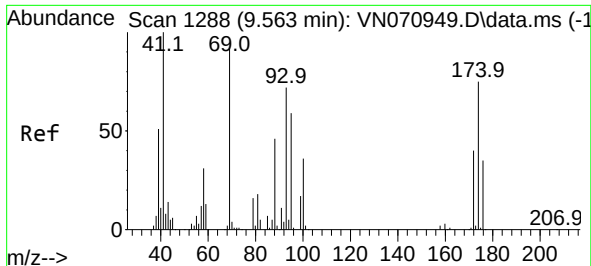
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#48
Methyl methacrylate
Concen: 57.015 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion: 41 Resp: 420641
Ion Ratio Lower Upper
41 100
69 82.2 72.4 108.6
39 54.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 1189.786 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 15590

Ion Ratio Lower Upper

88 100

43 30.1 23.4 35.2

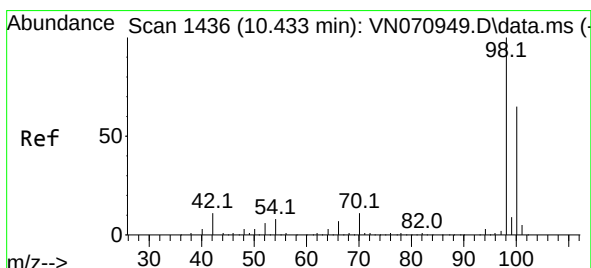
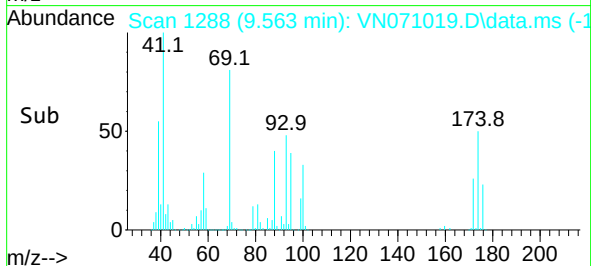
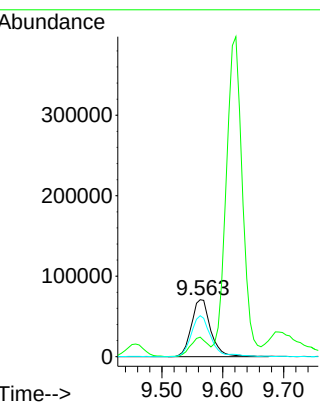
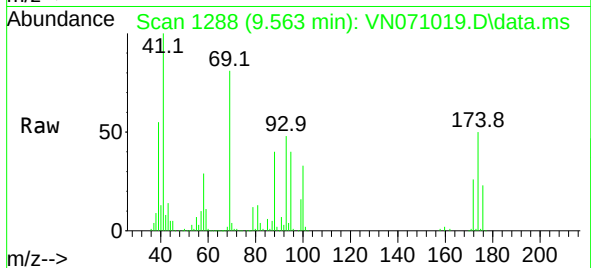
58 73.3 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#50

Toluene-d8

Concen: 47.708 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN071019.D

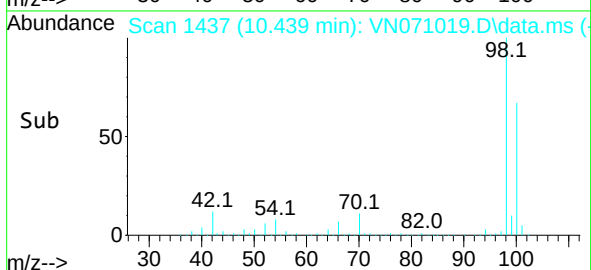
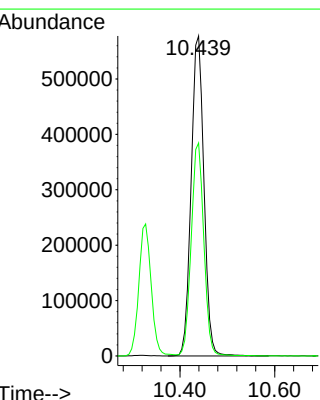
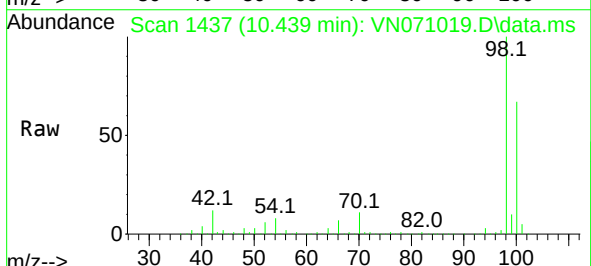
Acq: 22 Feb 2022 10:45

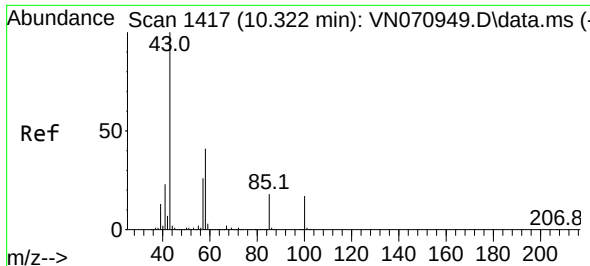
Tgt Ion: 98 Resp: 1078267

Ion Ratio Lower Upper

98 100

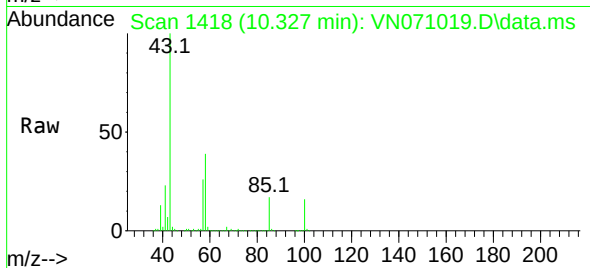
100 65.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 297.174 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

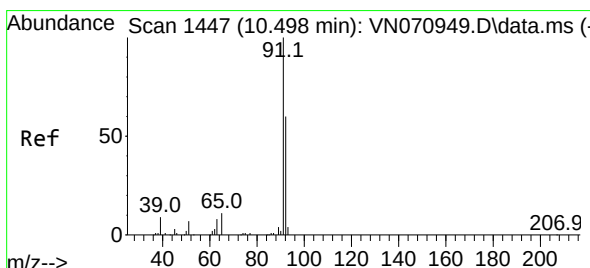
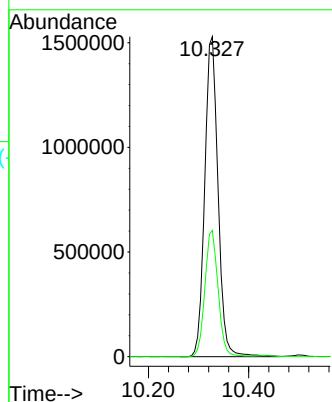
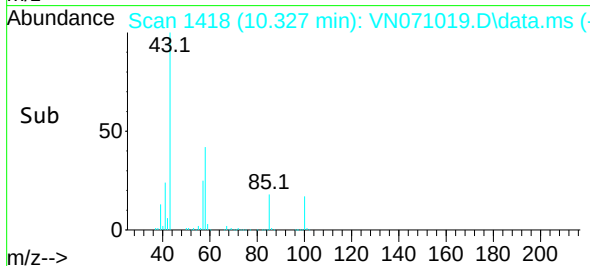
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 281821
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

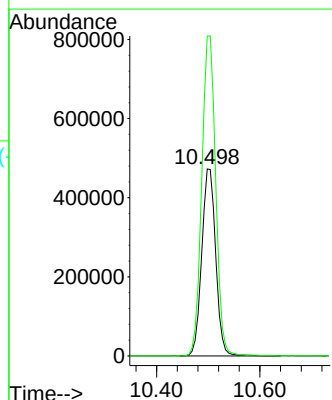
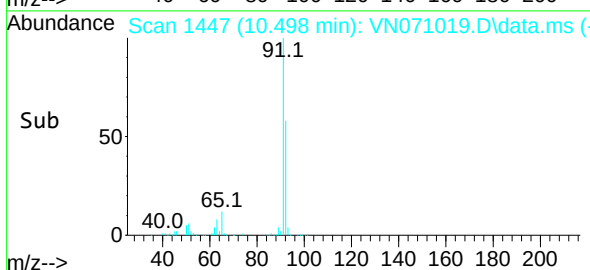
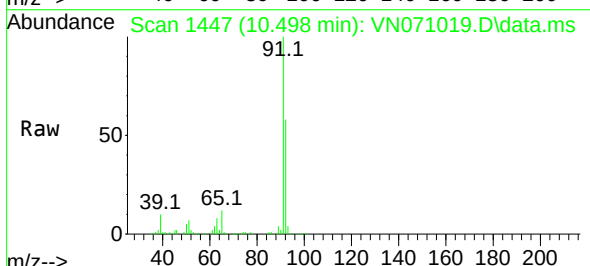
Manual Integrations
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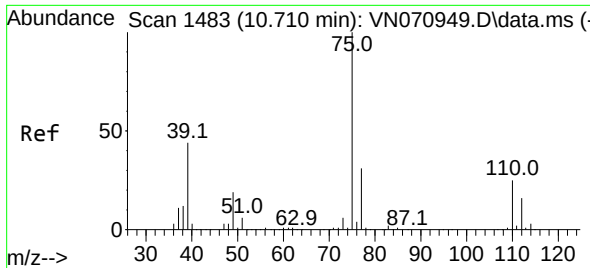
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#52
Toluene
Concen: 51.675 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

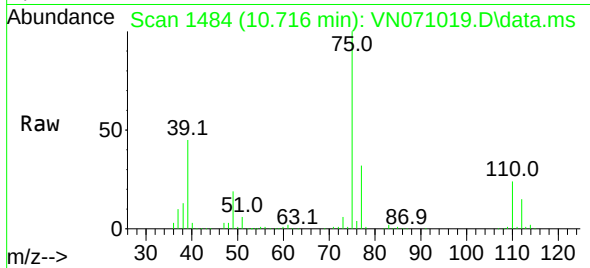
Tgt Ion: 92 Resp: 885624
Ion Ratio Lower Upper
92 100
91 171.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.397 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

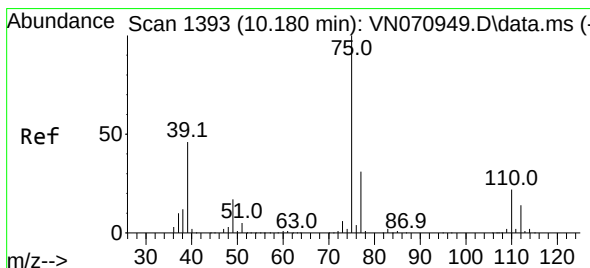
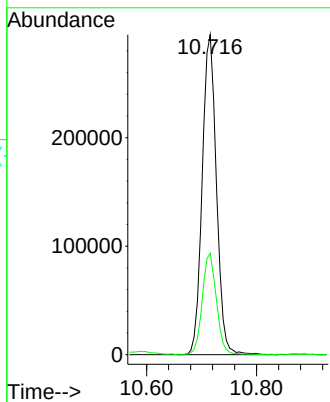
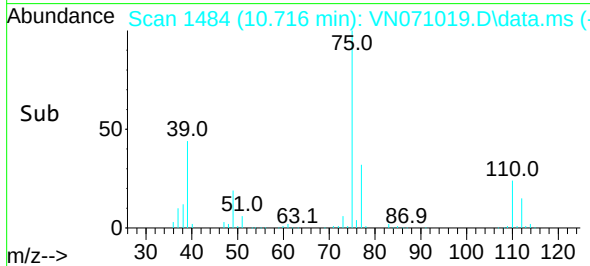
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



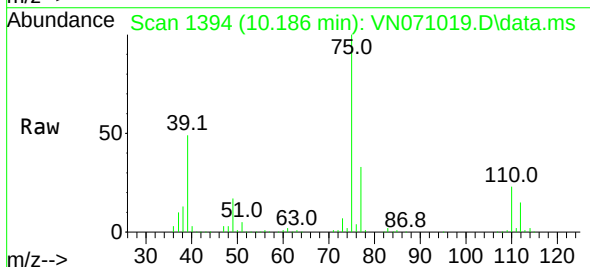
Tgt Ion: 75 Resp: 529425
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
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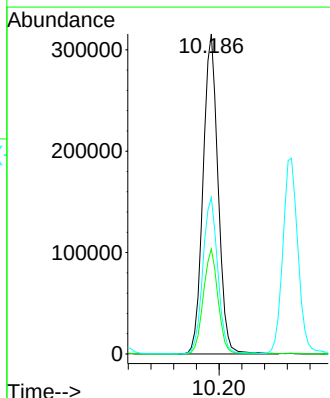
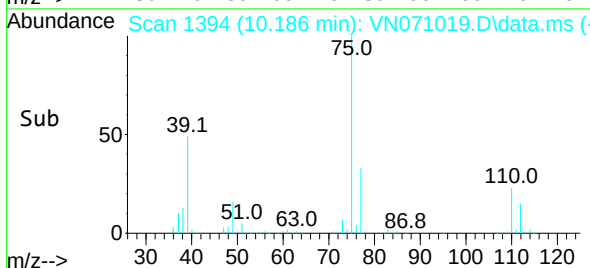
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

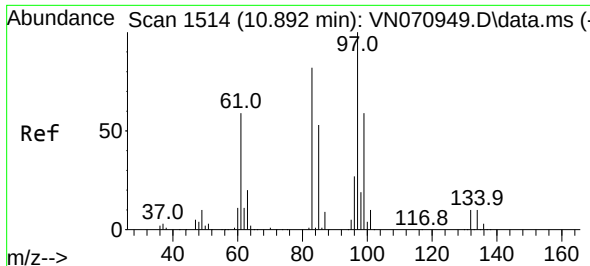


#54
cis-1,3-Dichloropropene
Concen: 52.032 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



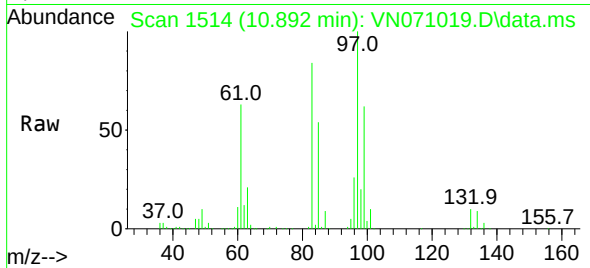
Tgt Ion: 75 Resp: 577359
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
39 48.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.320 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

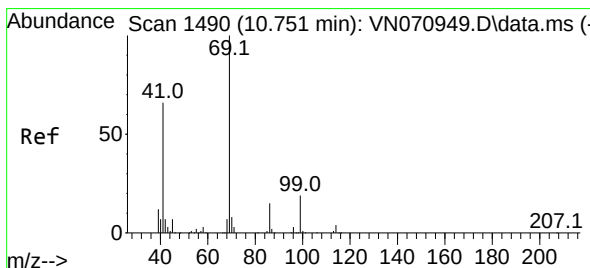
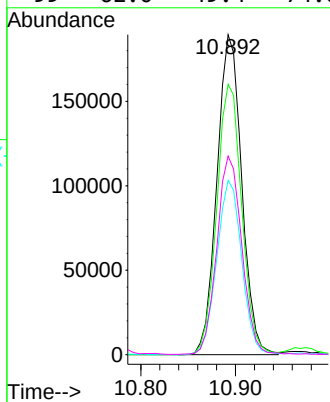
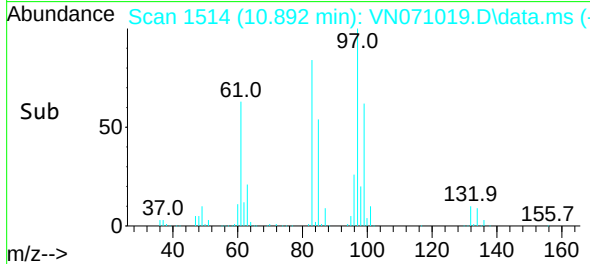
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



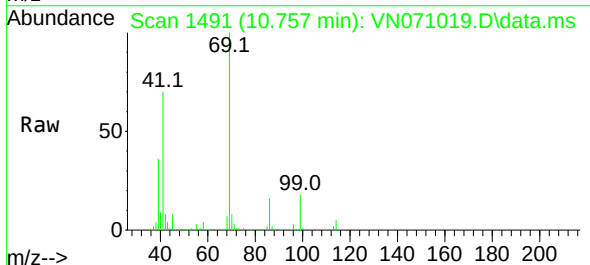
Tgt Ion: 97 Resp: 344279
Ion Ratio Lower Upper
97 100
83 84.4 67.8 101.6
85 54.5 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
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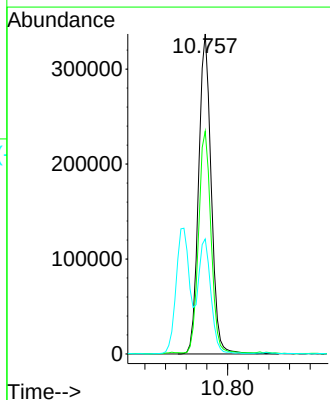
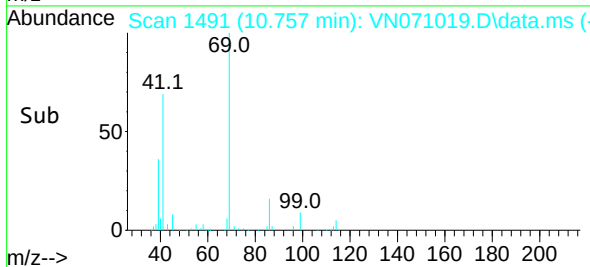
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

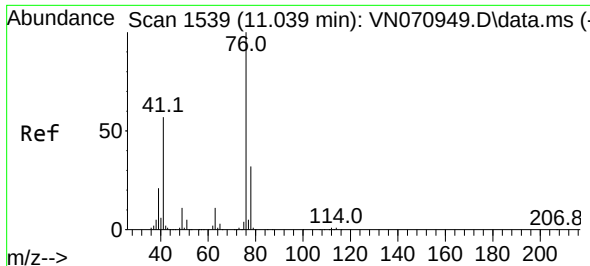


#56
Ethyl methacrylate
Concen: 56.295 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



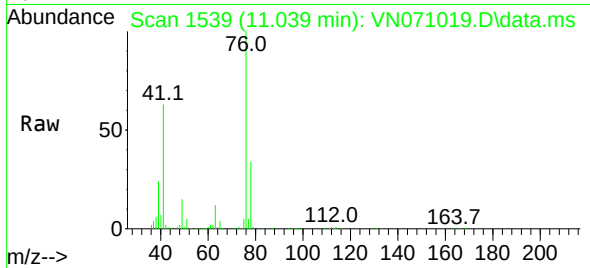
Tgt Ion: 69 Resp: 569004
Ion Ratio Lower Upper
69 100
41 68.2 51.4 77.0
39 36.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 52.813 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

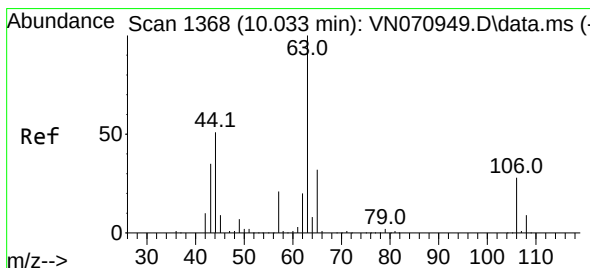
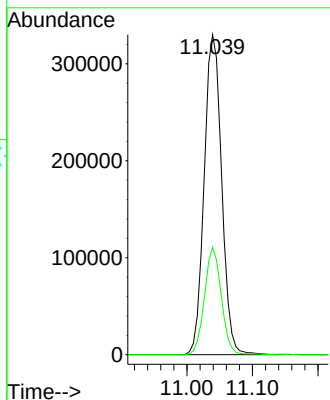
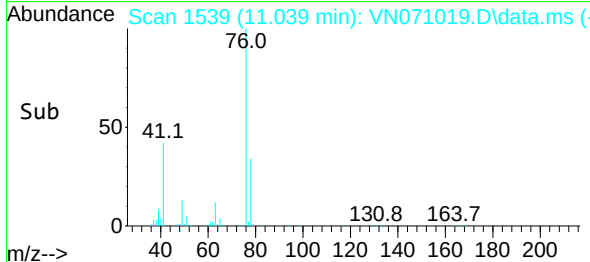
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



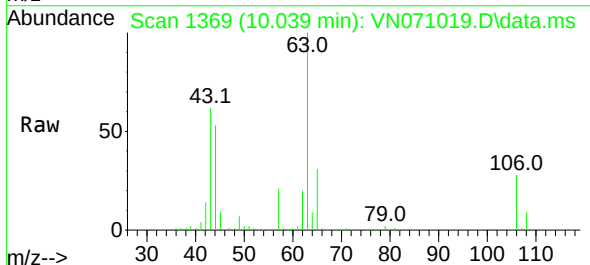
Tgt Ion: 76 Resp: 612830
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
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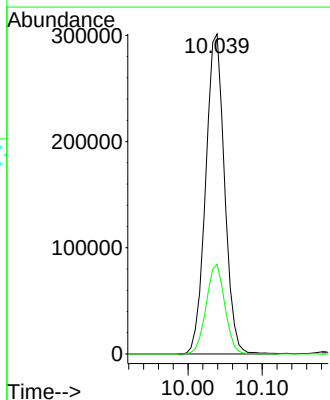
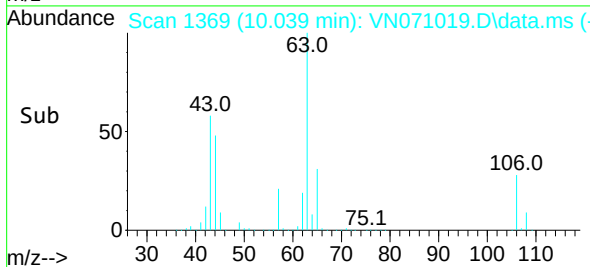
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

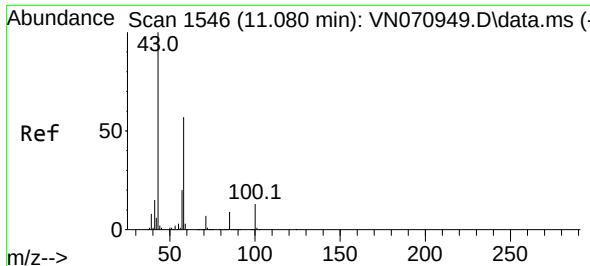


#58
2-Chloroethyl Vinyl ether
Concen: 238.293 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



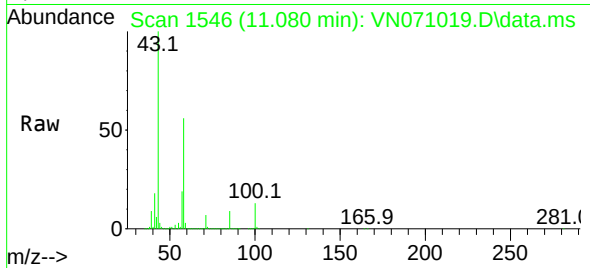
Tgt Ion: 63 Resp: 531923
Ion Ratio Lower Upper
63 100
106 27.8 23.9 35.9





#59
2-Hexanone
Concen: 303.185 ug/l
RT: 11.080 min Scan# 11080
Delta R.T. 0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

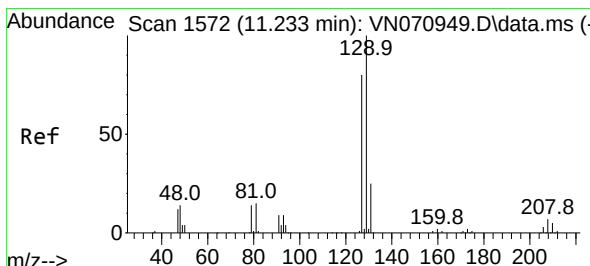
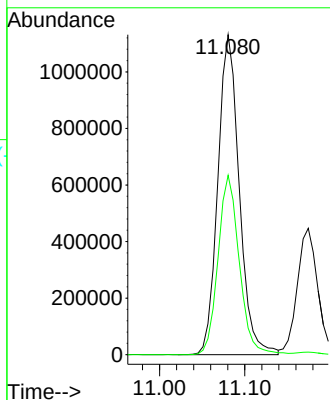
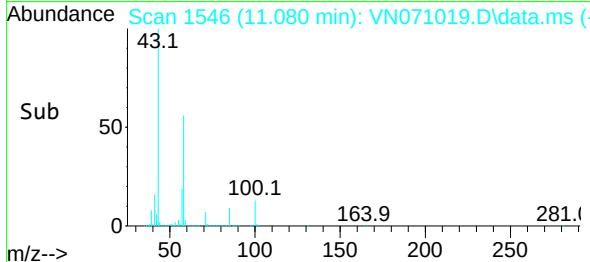
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



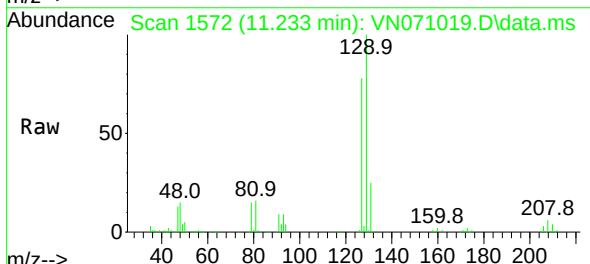
Tgt Ion: 43 Resp: 197744
Ion Ratio Lower Upper
43 100
58 55.5 26.9 80.7

Manual Integrations
APPROVED

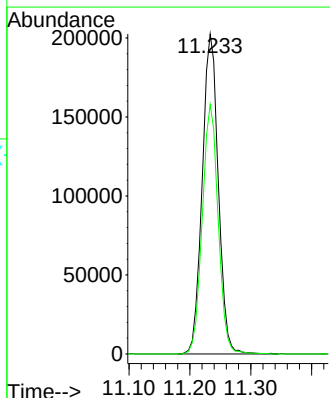
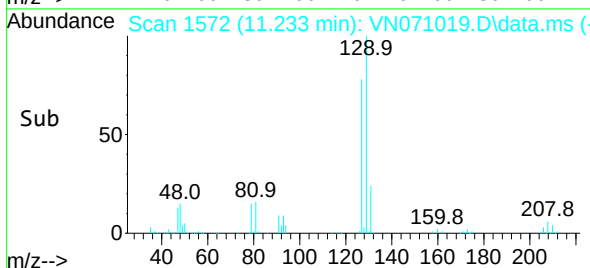
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

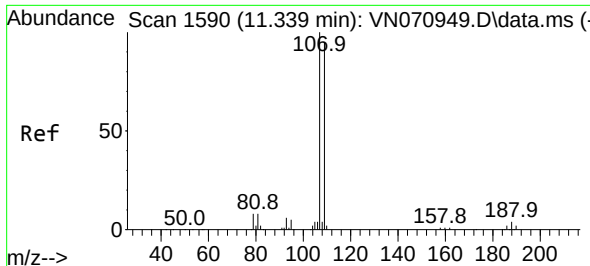


#60
Dibromochloromethane
Concen: 52.338 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



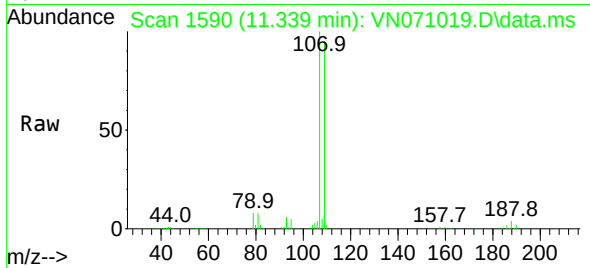
Tgt Ion:129 Resp: 371056
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.307 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

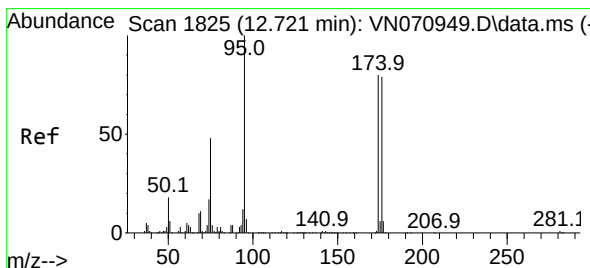
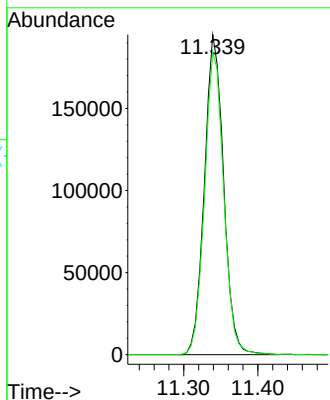
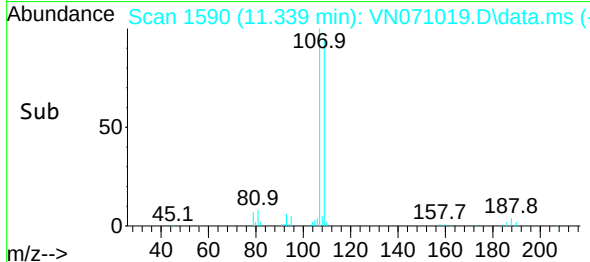
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 35009
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

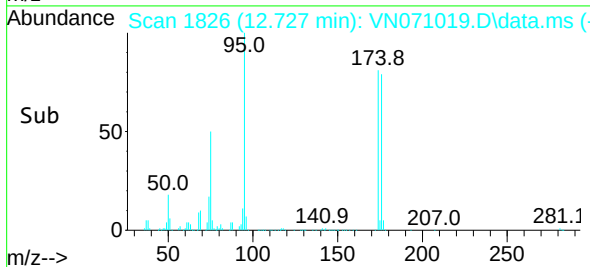
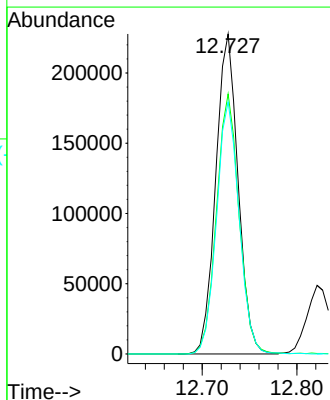
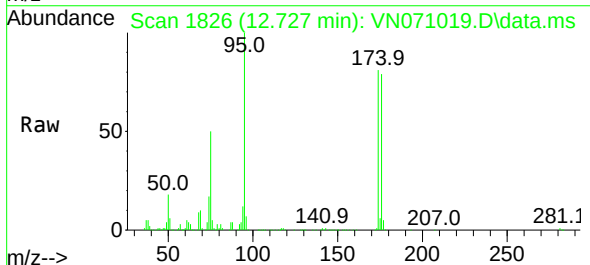
Manual Integrations
APPROVED

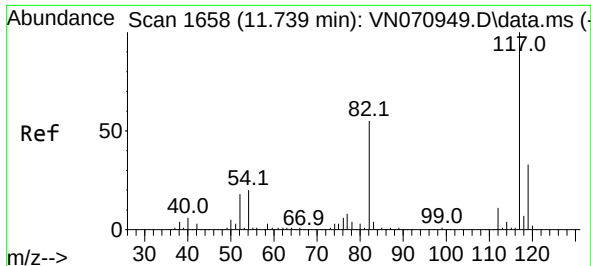
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#62
4-Bromofluorobenzene
Concen: 46.174 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

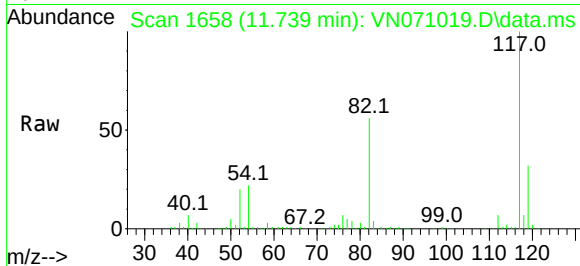
Tgt Ion: 95 Resp: 373030
Ion Ratio Lower Upper
95 100
174 82.3 0.0 187.2
176 79.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

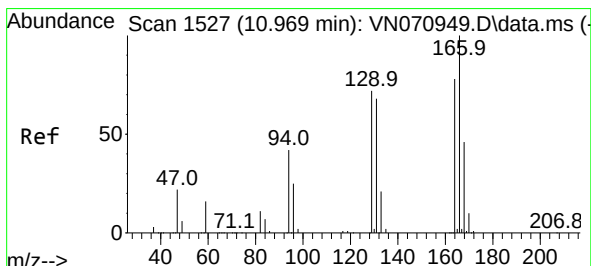
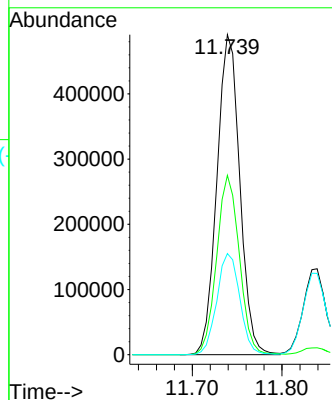
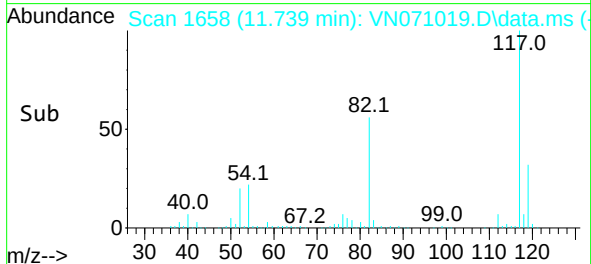
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



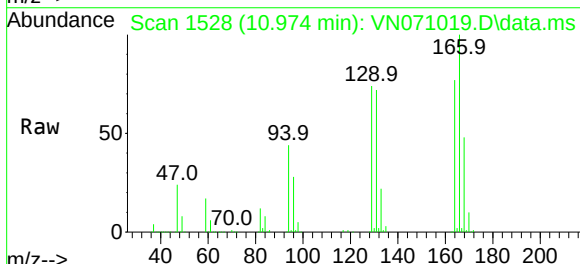
Tgt Ion:117 Resp: 869350
Ion Ratio Lower Upper
117 100
82 56.1 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

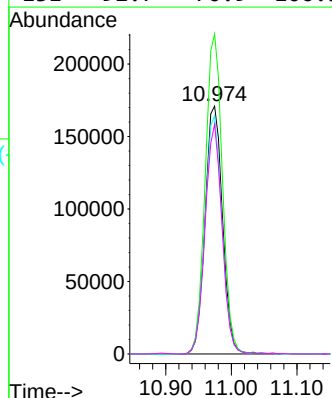
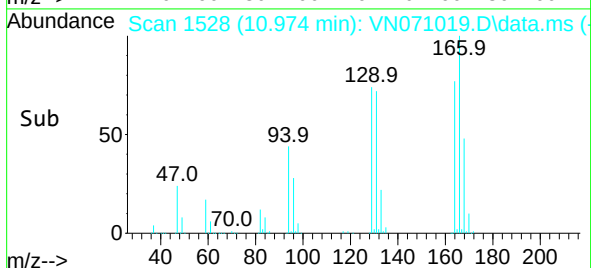
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

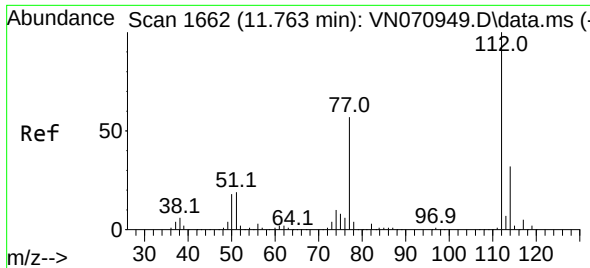


#64
Tetrachloroethene
Concen: 46.965 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



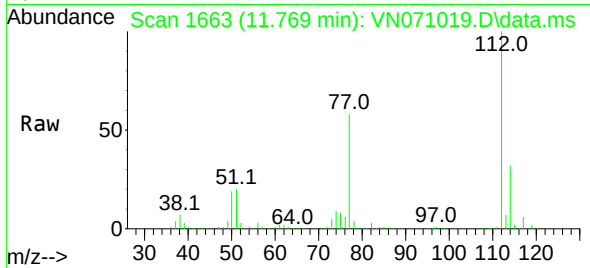
Tgt Ion:164 Resp: 317978
Ion Ratio Lower Upper
164 100
166 129.1 101.9 152.9
129 96.0 72.0 108.0
131 92.7 70.9 106.3





#65
Chlorobenzene
Concen: 49.260 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

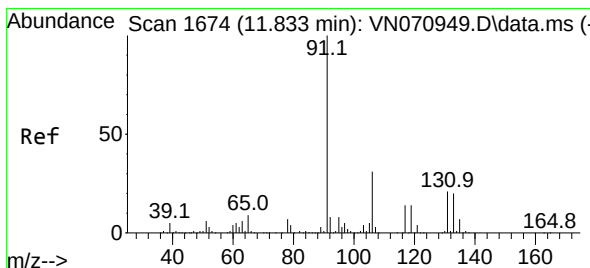
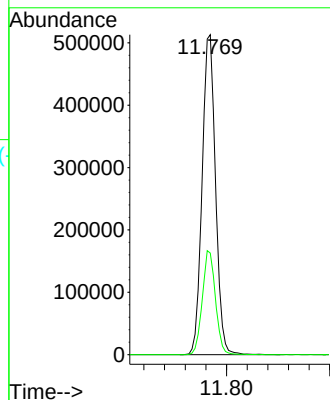
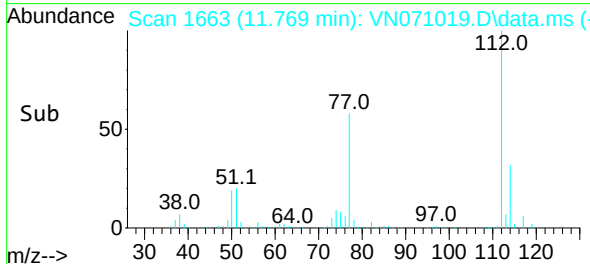
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



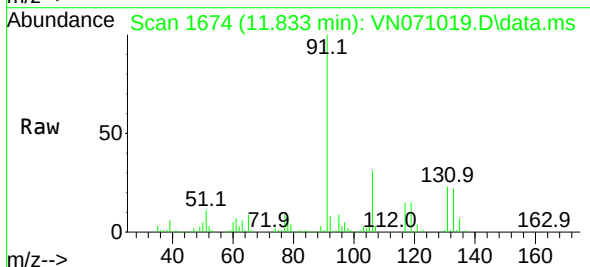
Tgt Ion:112 Resp: 922798
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
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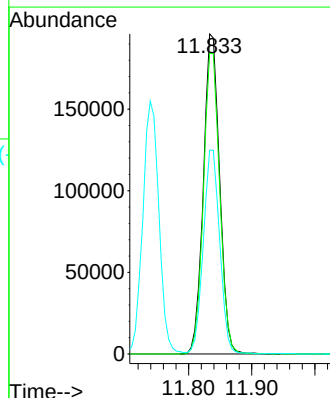
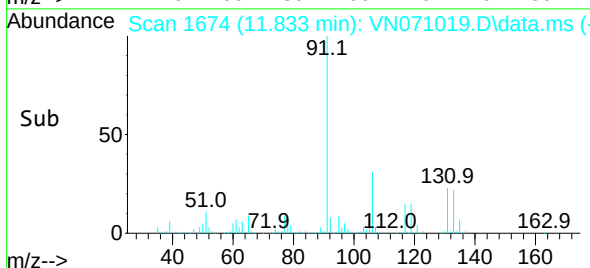
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

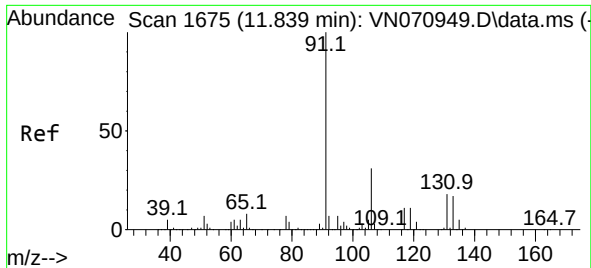


#66
1,1,1,2-Tetrachloroethane
Concen: 51.455 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



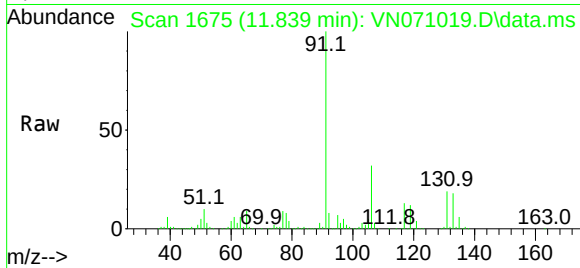
Tgt Ion:131 Resp: 351367
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 51.565 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

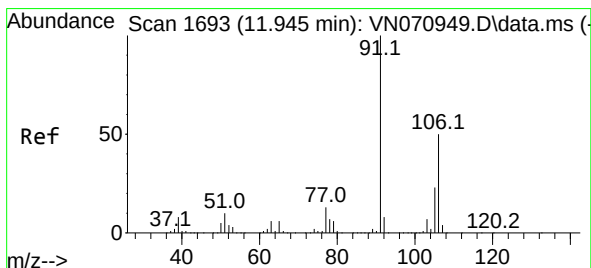
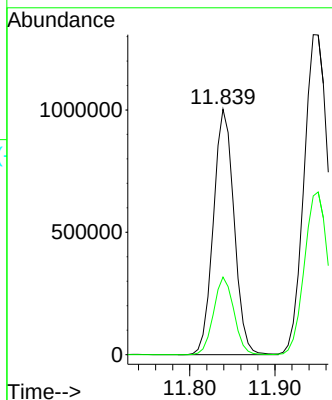
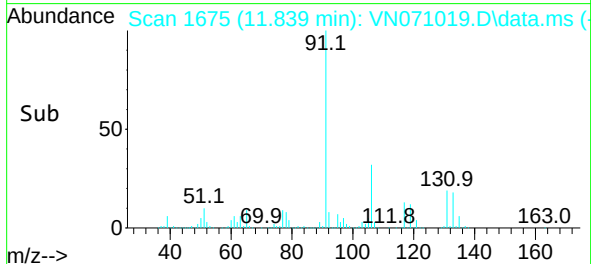
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



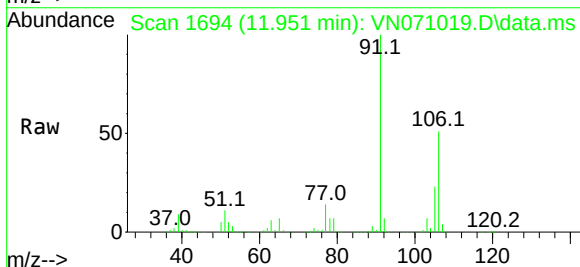
Tgt Ion: 91 Resp: 1690674
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

Manual Integrations
APPROVED

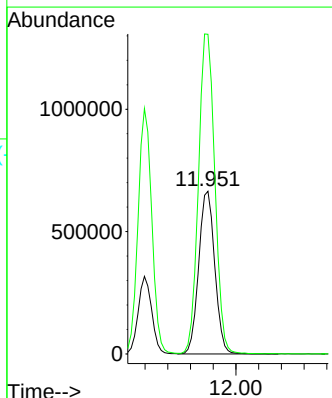
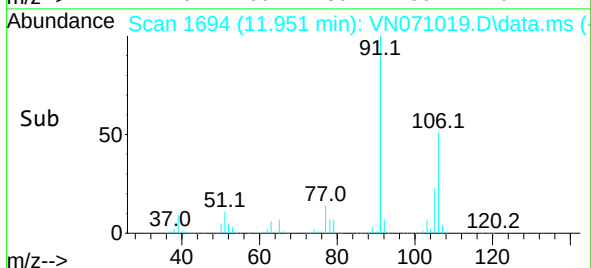
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

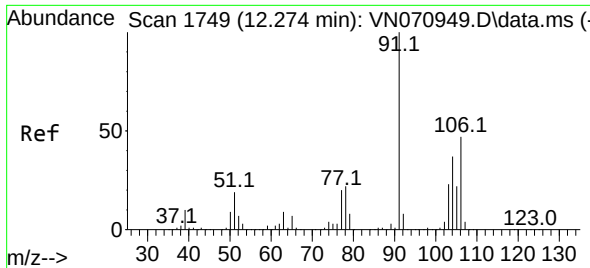


#68
m/p-Xylenes
Concen: 102.840 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



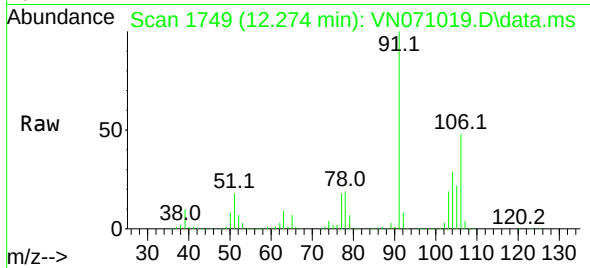
Tgt Ion:106 Resp: 1302445
Ion Ratio Lower Upper
106 100
91 200.9 160.6 240.8





#69
o-Xylene
Concen: 51.728 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

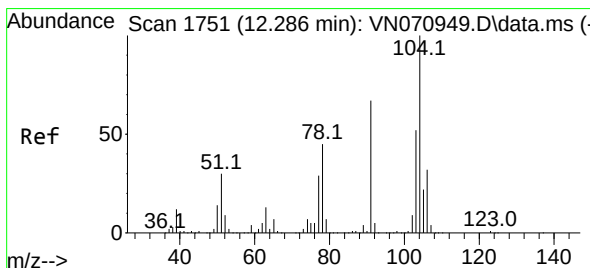
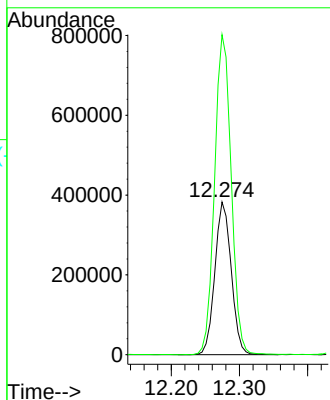
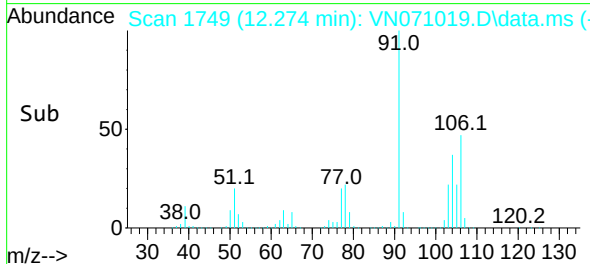
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



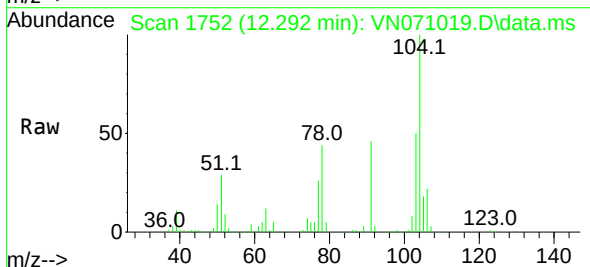
Tgt Ion:106 Resp: 639960
Ion Ratio Lower Upper
106 100
91 213.0 105.8 317.3

Manual Integrations
APPROVED

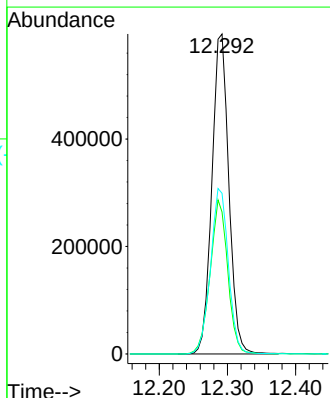
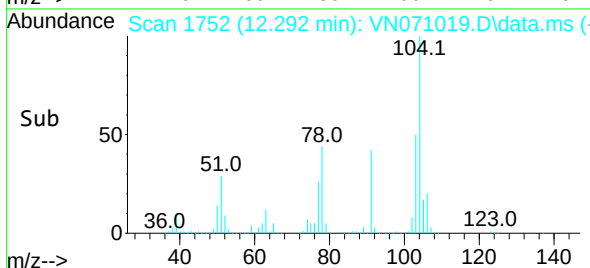
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

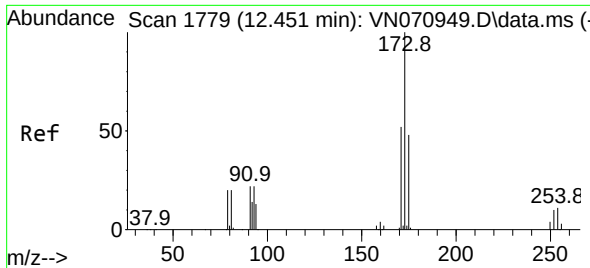


#70
Styrene
Concen: 52.424 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



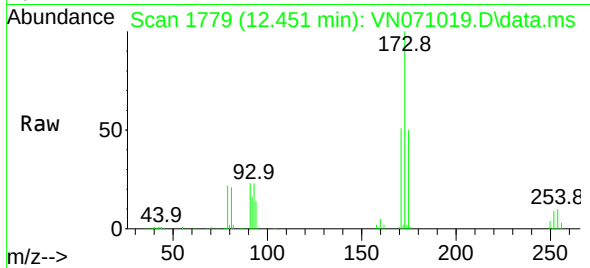
Tgt Ion:104 Resp: 1031279
Ion Ratio Lower Upper
104 100
78 49.9 38.7 58.1
103 54.8 45.0 67.6





#71
Bromoform
Concen: 51.301 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

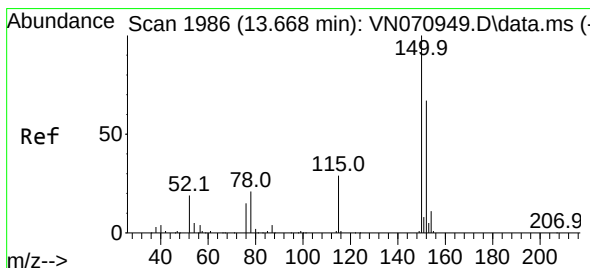
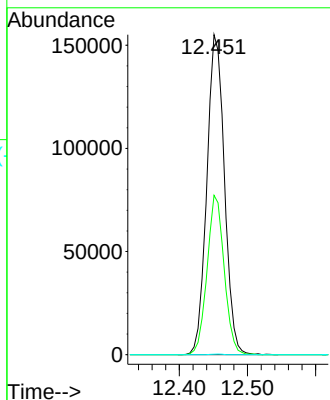
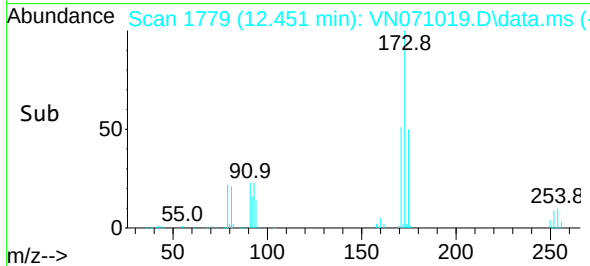
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



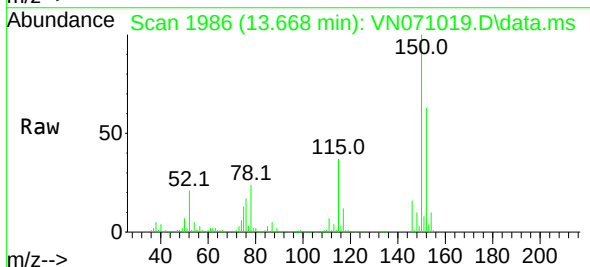
Tgt Ion:173 Resp: 278998
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

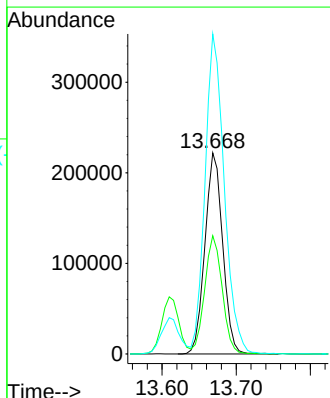
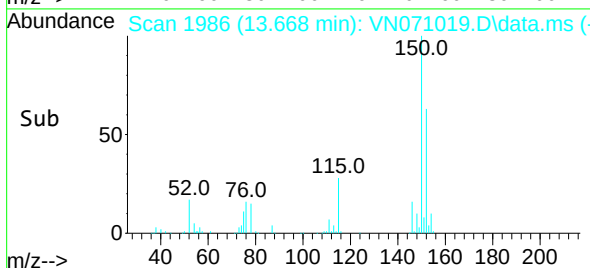
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

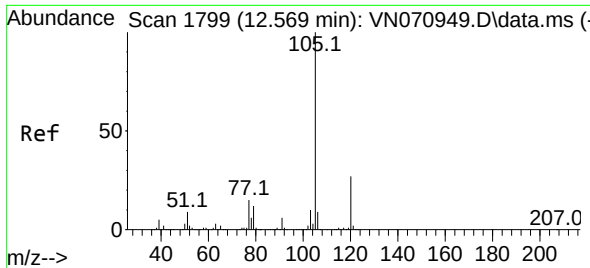


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



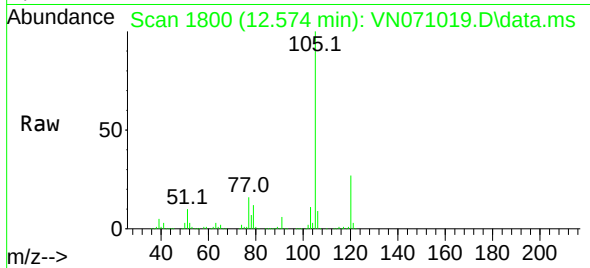
Tgt Ion:152 Resp: 369653
Ion Ratio Lower Upper
152 100
115 57.5 27.5 82.5
150 172.3 0.0 344.4





#73
Isopropylbenzene
Concen: 55.663 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

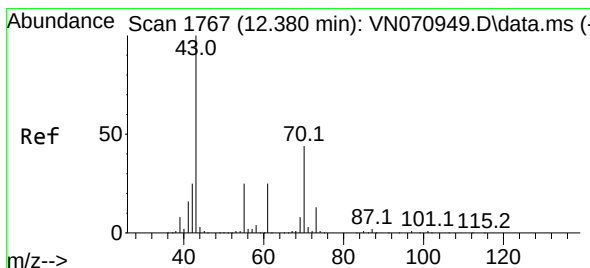
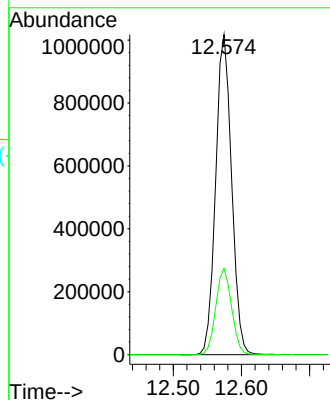
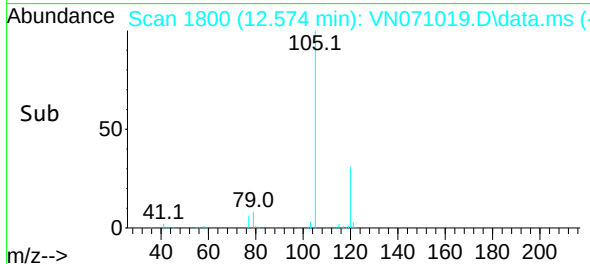
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1656199
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

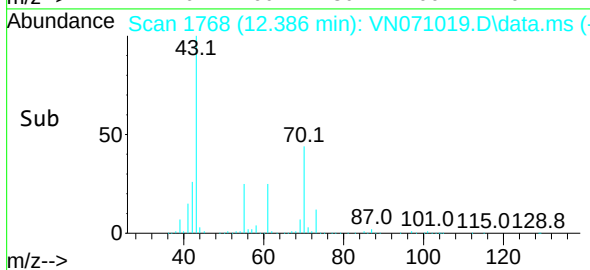
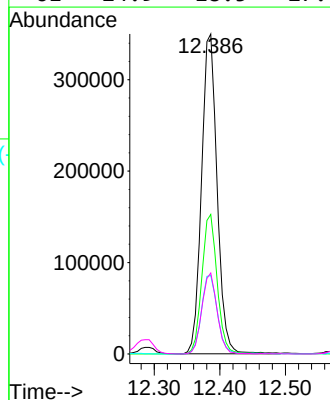
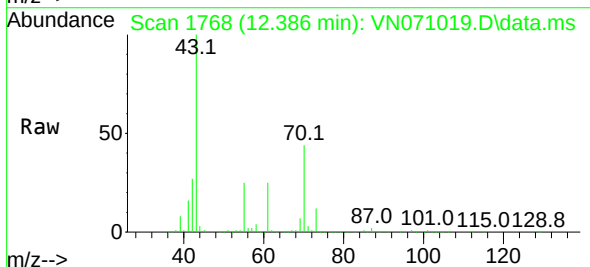
Manual Integrations
APPROVED

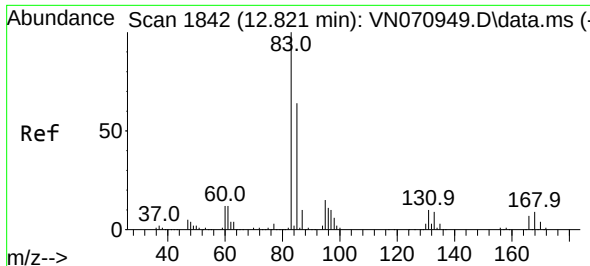
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#74
N-ethyl acetate
Concen: 60.803 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

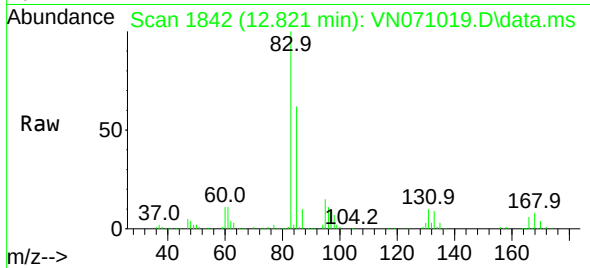
Tgt Ion: 43 Resp: 578299
Ion Ratio Lower Upper
43 100
70 42.8 33.4 50.0
55 25.2 19.3 28.9
61 24.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.557 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

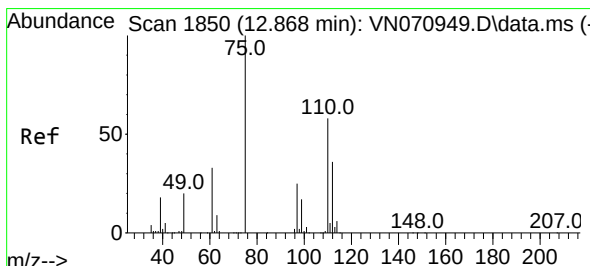
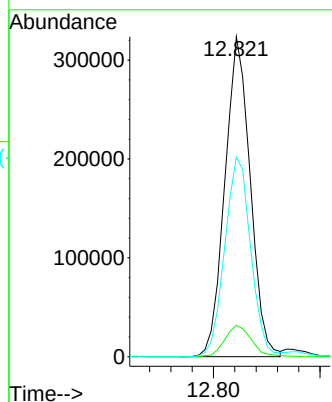
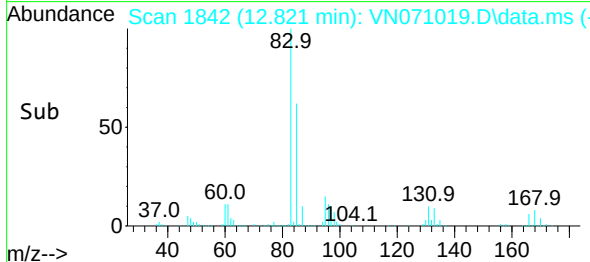
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



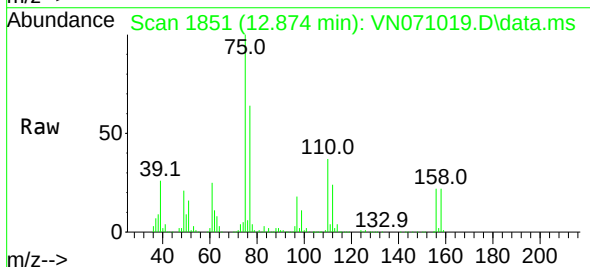
Tgt Ion: 83 Resp: 53474
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
APPROVED

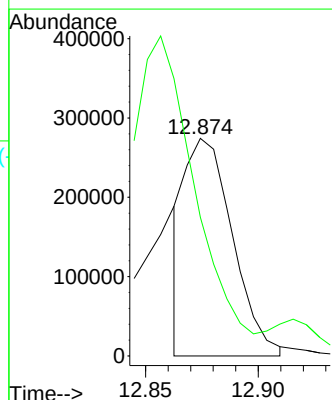
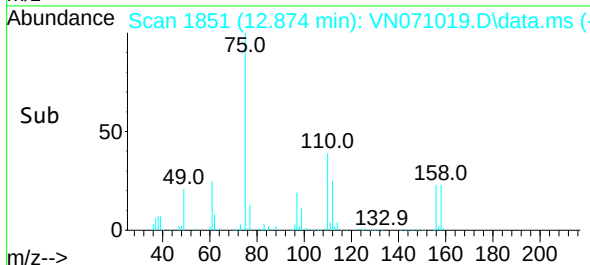
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

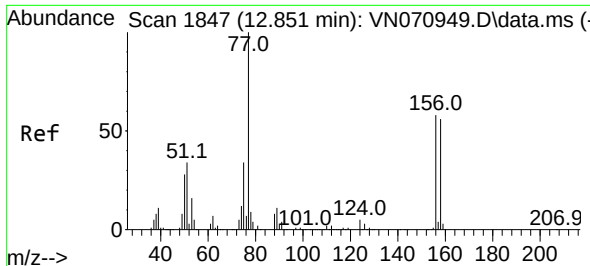


#76
1,2,3-Trichloropropane
Concen: 46.589 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



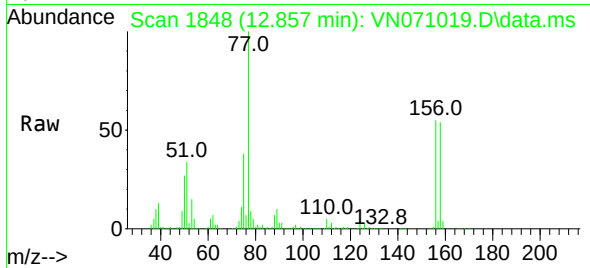
Tgt Ion: 75 Resp: 405487
Ion Ratio Lower Upper
75 100
77 202.3 82.6 247.8





#77
Bromobenzene
Concen: 52.787 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

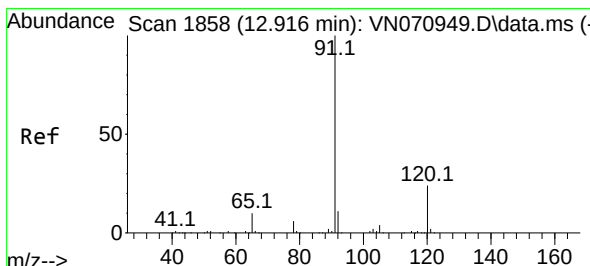
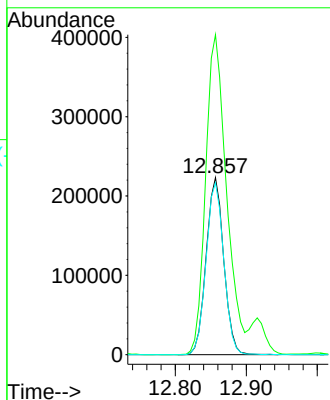
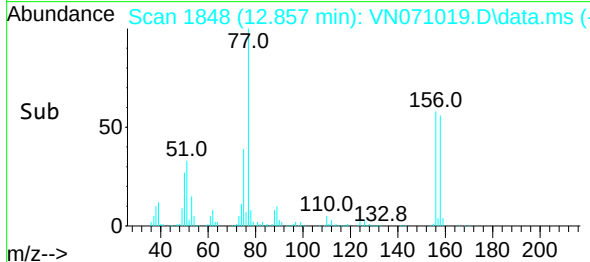
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 38449
Ion Ratio Lower Upper
156 100
77 213.3 90.6 271.8
158 97.8 48.9 146.7

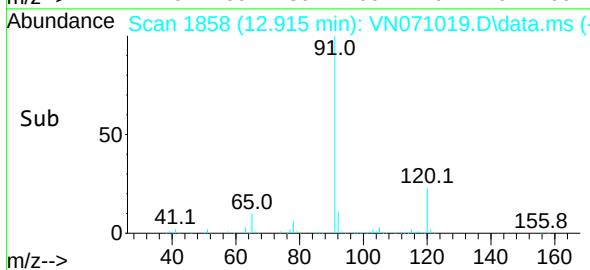
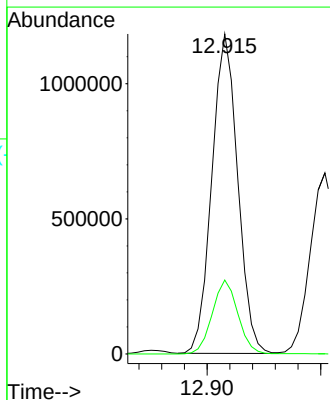
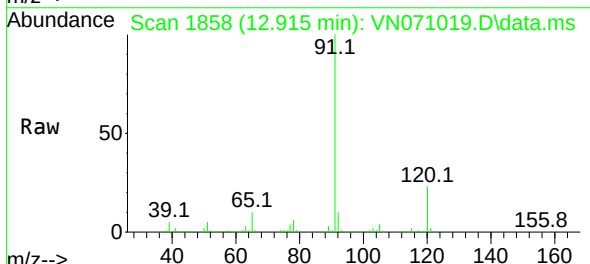
Manual Integrations
APPROVED

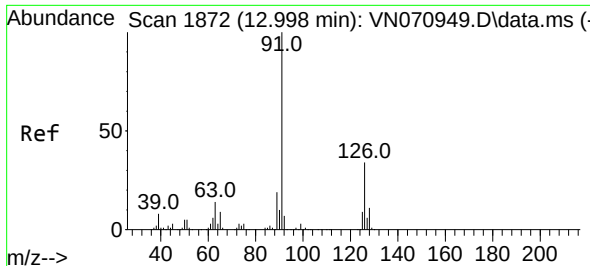
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#78
n-propylbenzene
Concen: 55.925 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion: 91 Resp: 1869583
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





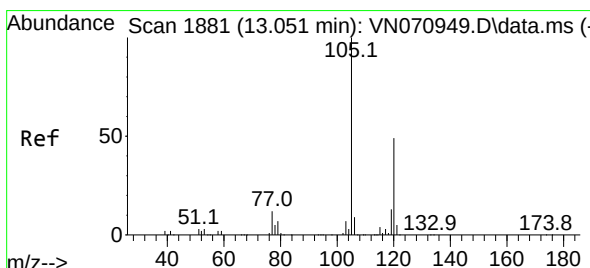
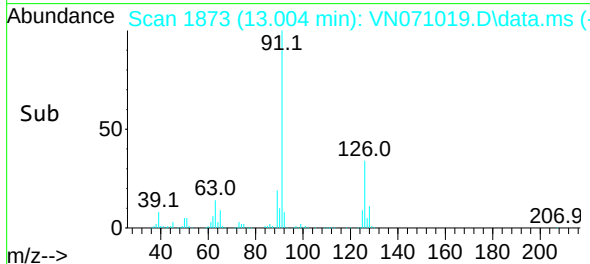
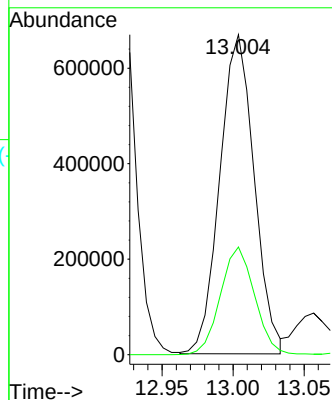
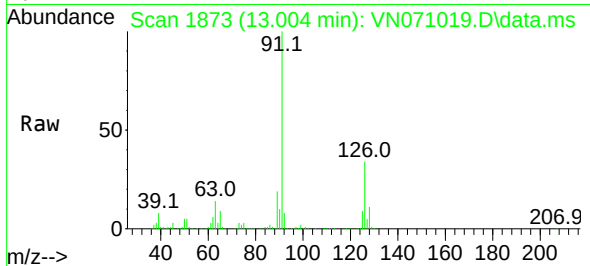
#79
2-Chlorotoluene
Concen: 55.515 ug/l
RT: 13.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 112704
Ion Ratio Lower Upper
91 100
126 33.5 18.3 54.8

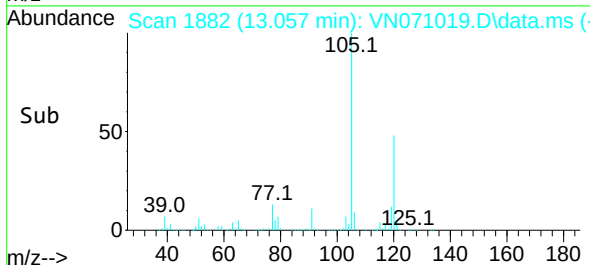
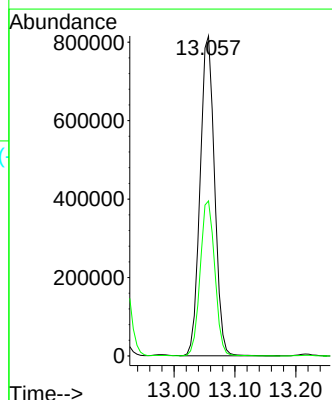
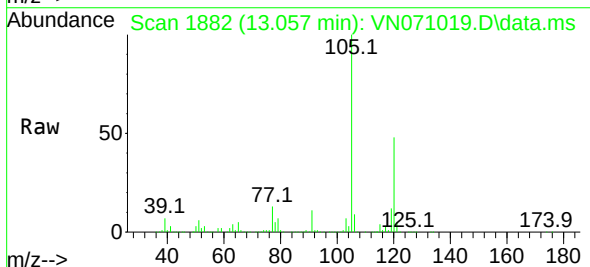
Manual Integrations
APPROVED

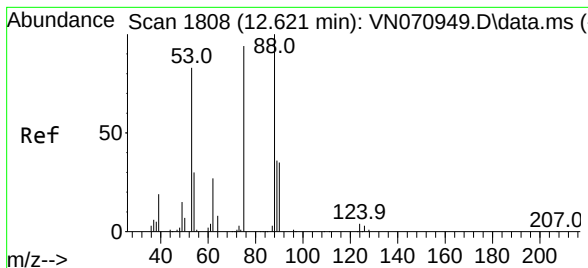
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.775 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

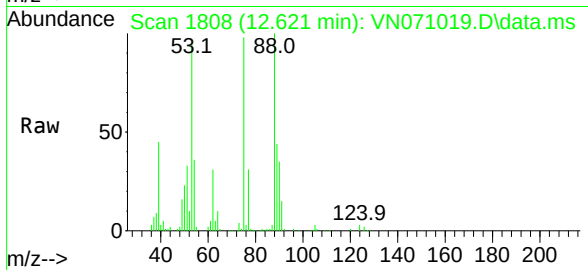
Tgt Ion:105 Resp: 1344462
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 58.655 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

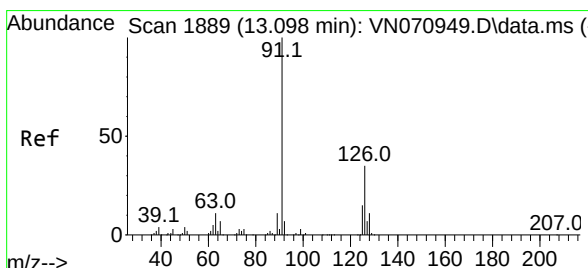
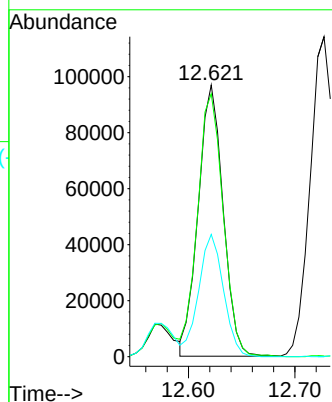
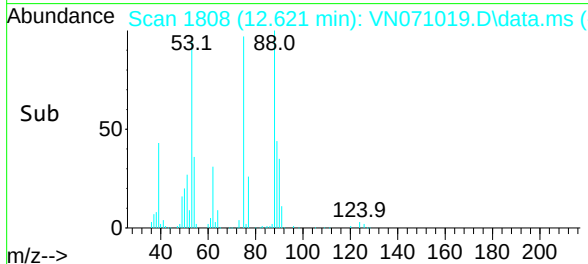
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



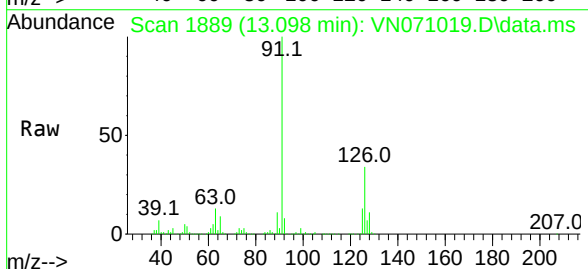
Tgt Ion: 75 Resp: 15754
Ion Ratio Lower Upper
75 100
53 100.0 90.5 135.7
89 45.1 38.2 57.4

Manual Integrations
APPROVED

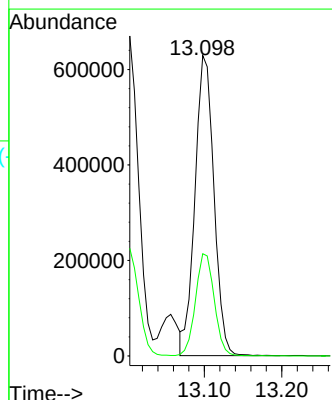
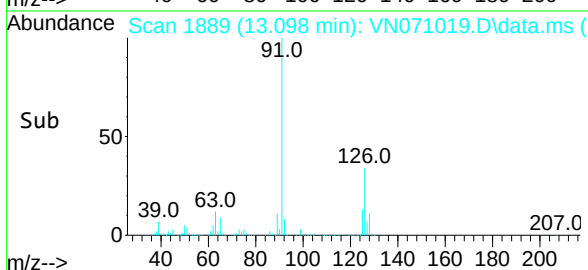
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

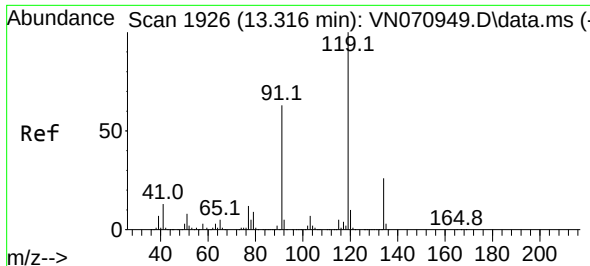


#82
4-Chlorotoluene
Concen: 54.161 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



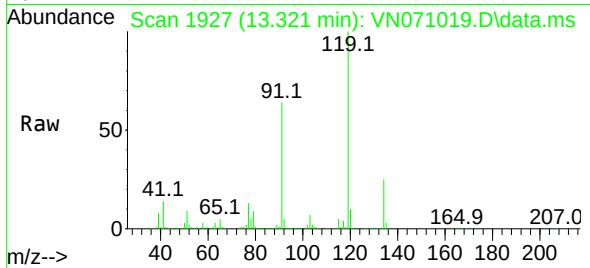
Tgt Ion: 91 Resp: 1067337
Ion Ratio Lower Upper
91 100
126 33.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.803 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

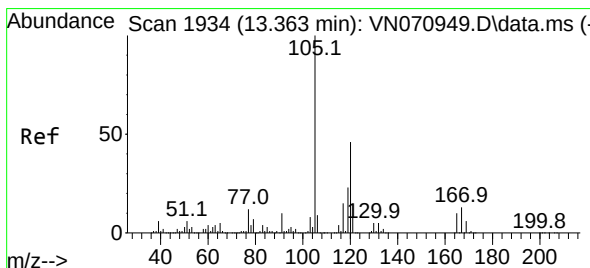
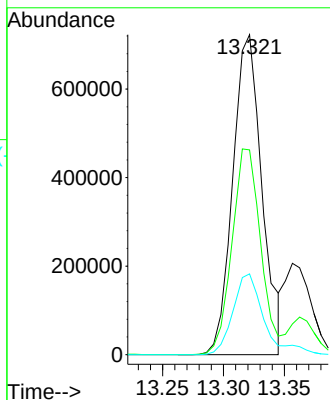
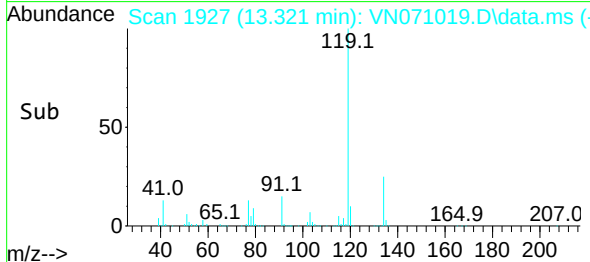
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



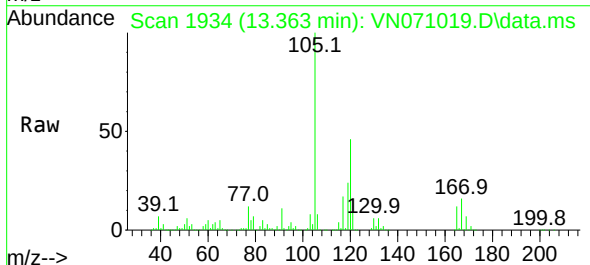
Tgt Ion:119 Resp: 1207109
Ion Ratio Lower Upper
119 100
91 62.9 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

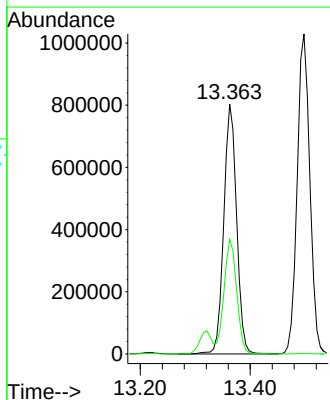
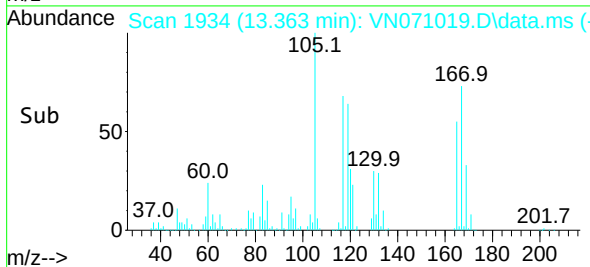
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

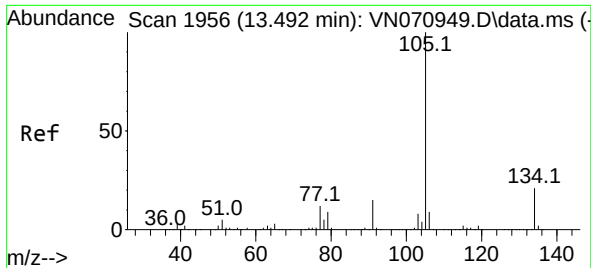


#84
1,2,4-Trimethylbenzene
Concen: 54.811 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion:105 Resp: 1300599
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 54.492 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

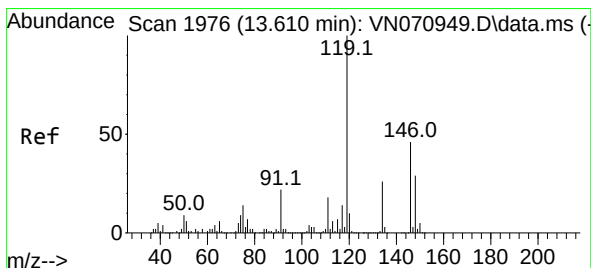
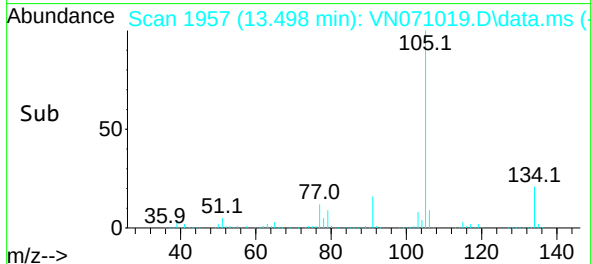
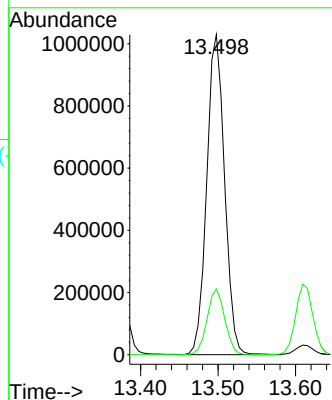
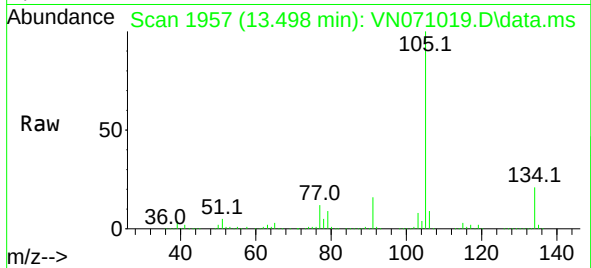
VSTDCCC050

Tgt Ion:105 Resp: 164144
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations

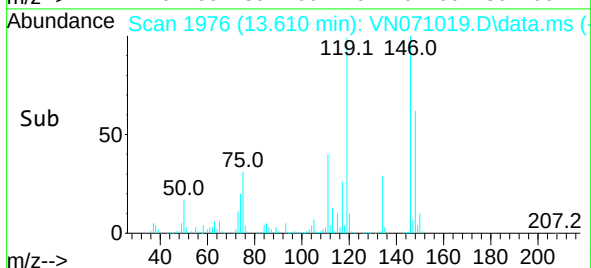
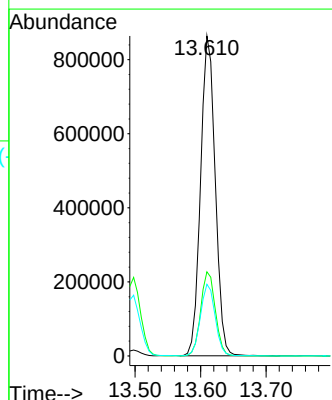
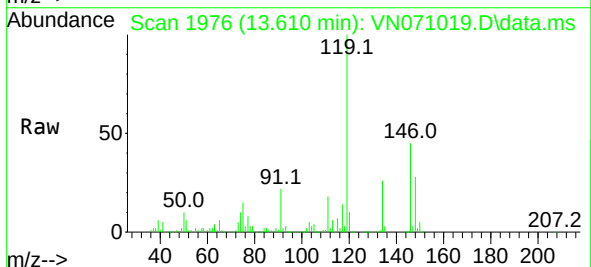
APPROVED

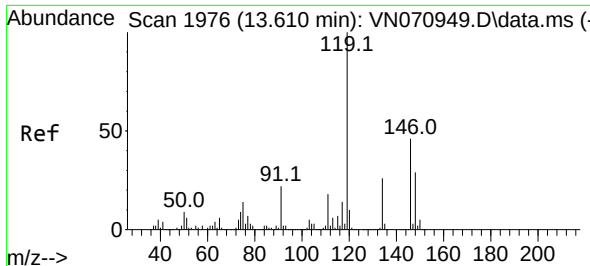
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#86
 p-Isopropyltoluene
 Concen: 54.501 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071019.D
 Acq: 22 Feb 2022 10:45

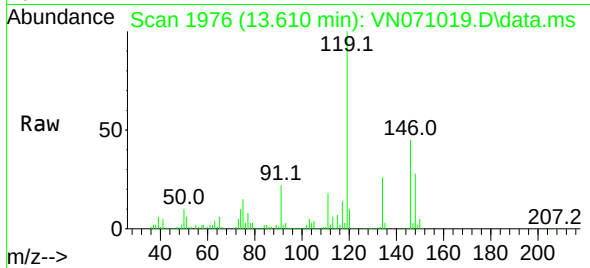
Tgt Ion:119 Resp: 1347741
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.934 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

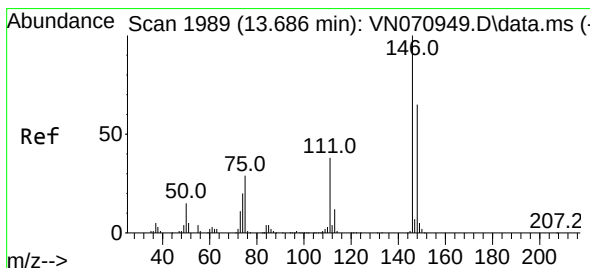
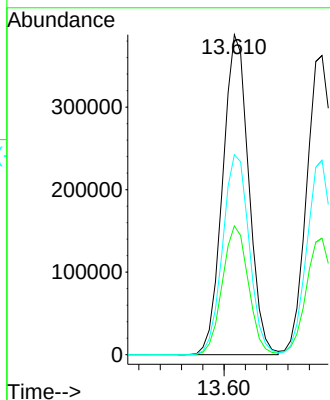
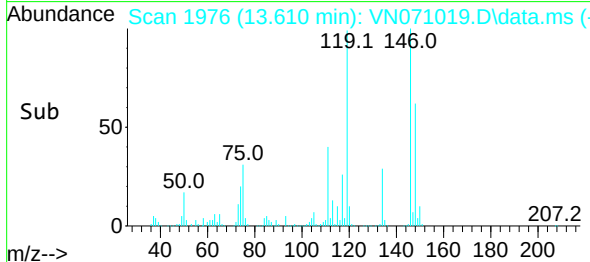
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



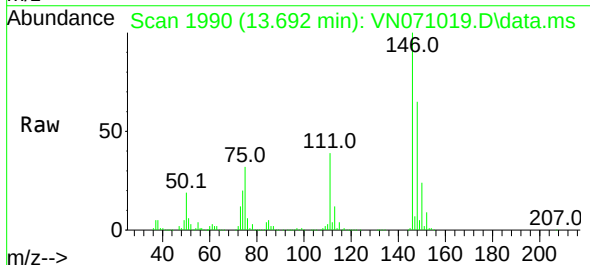
Tgt Ion:146 Resp: 656744
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

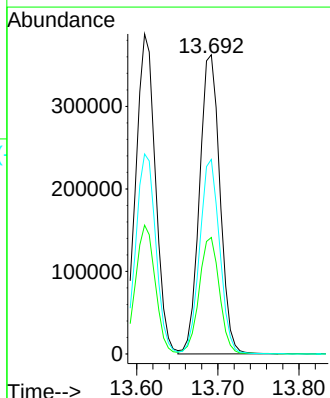
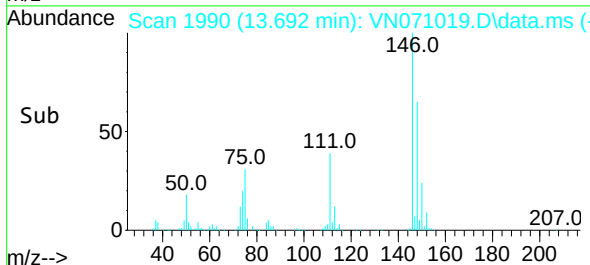
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

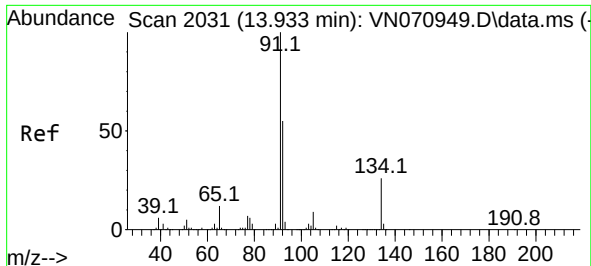


#88
1,4-Dichlorobenzene
Concen: 50.156 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion:146 Resp: 633625
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 63.8 31.8 95.4





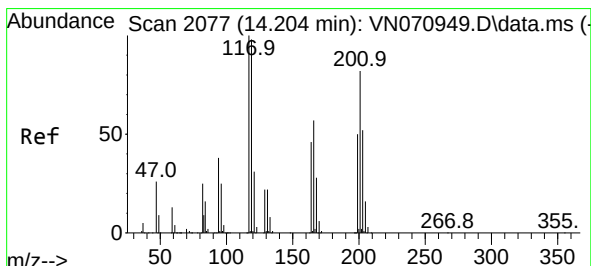
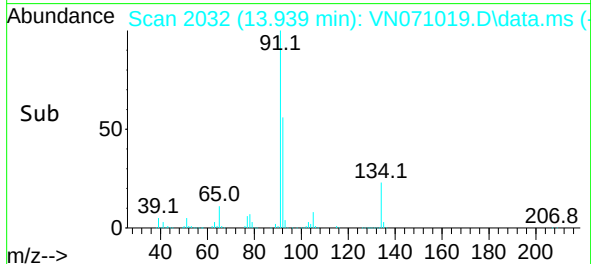
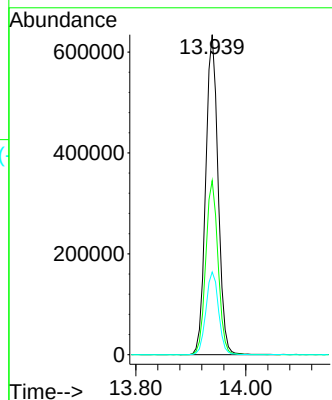
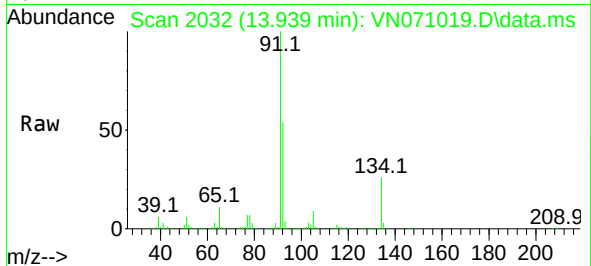
#89
n-Butylbenzene
Concen: 49.121 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 99103
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 26.3 13.6 40.8

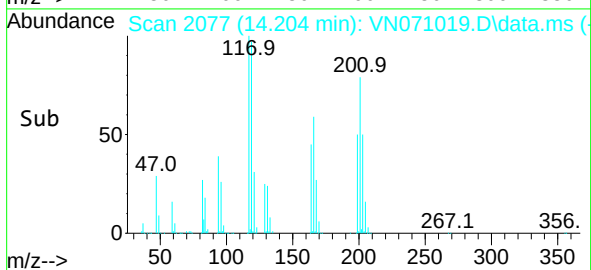
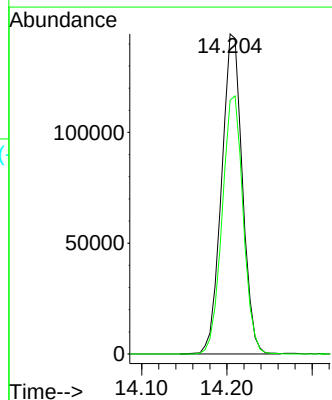
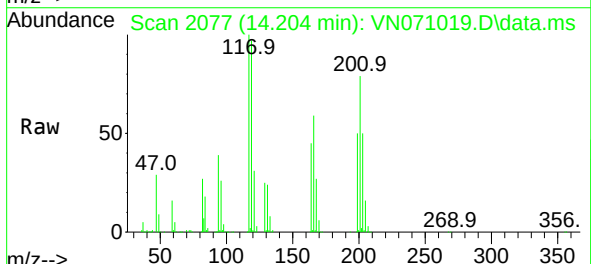
Manual Integrations
APPROVED

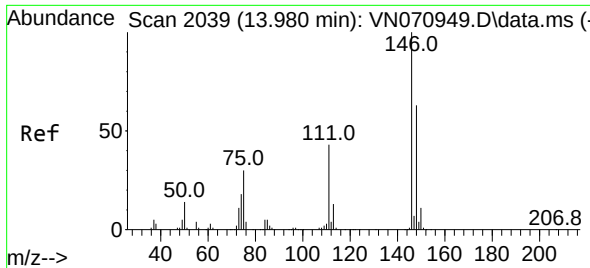
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#90
Hexachloroethane
Concen: 55.549 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Tgt Ion:117 Resp: 245314
Ion Ratio Lower Upper
117 100
201 81.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.722 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

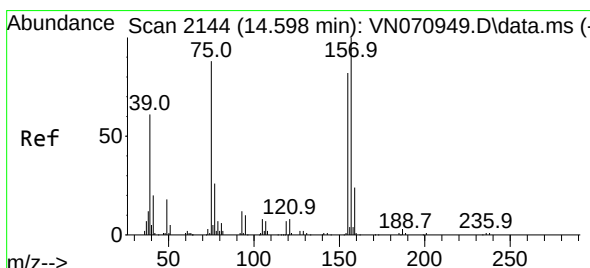
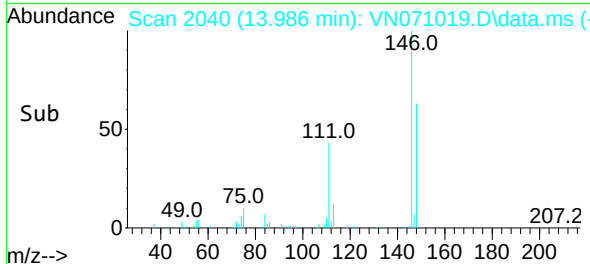
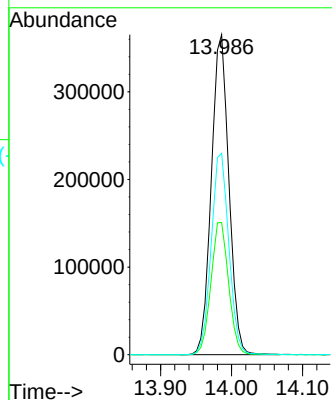
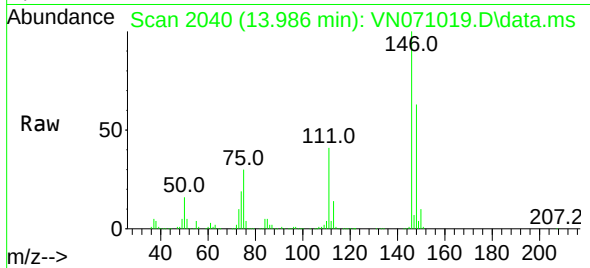
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 62624
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.6 32.1 96.3

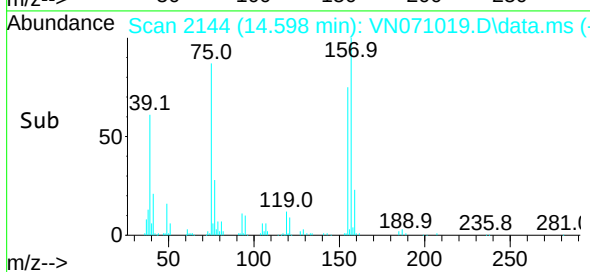
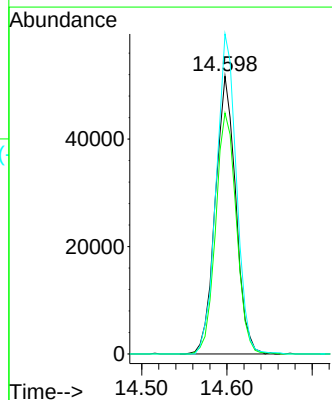
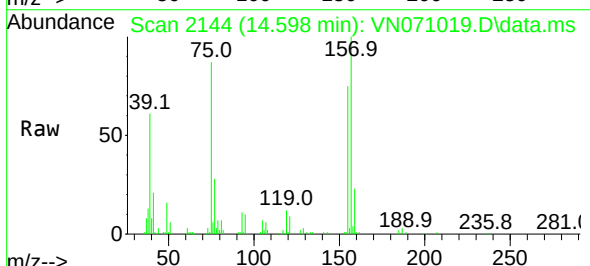
Manual Integrations
APPROVED

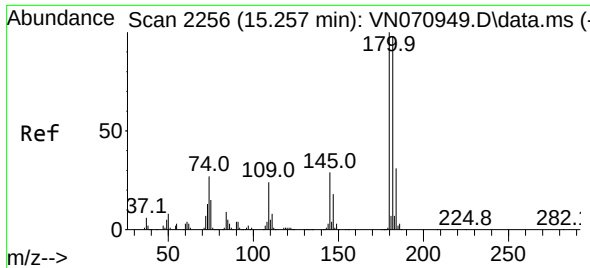
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.283 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

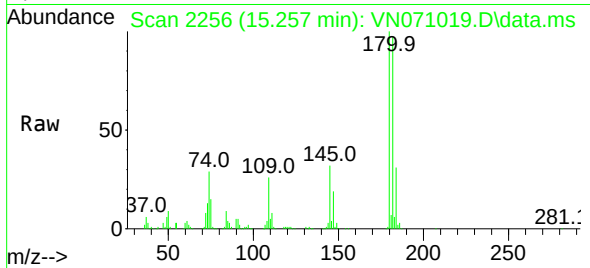
Tgt Ion: 75 Resp: 86220
Ion Ratio Lower Upper
75 100
155 87.6 46.9 140.7
157 112.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 41.264 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45

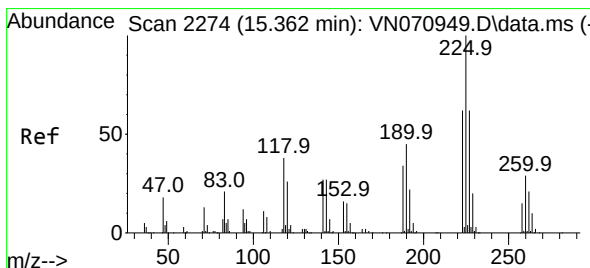
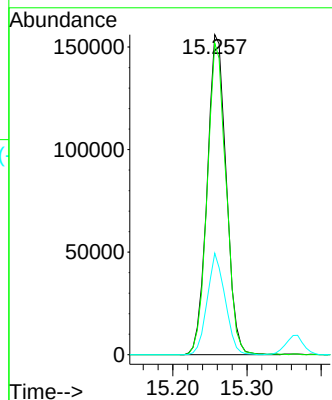
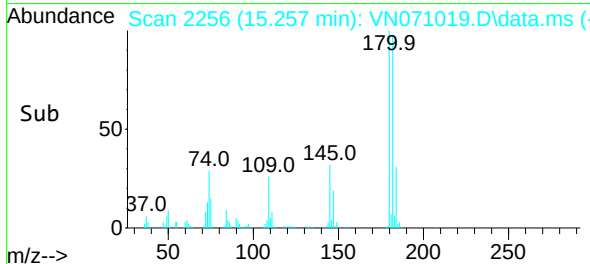
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



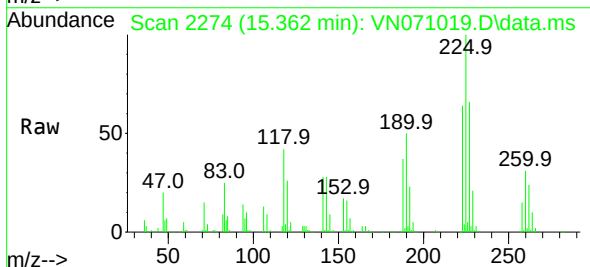
Tgt Ion:180 Resp: 27835
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 29.8 14.5 43.5

Manual Integrations
APPROVED

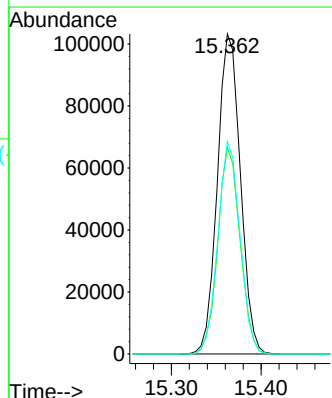
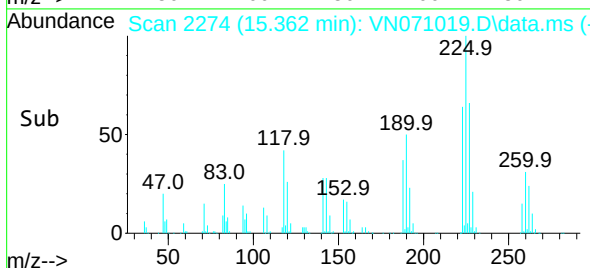
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

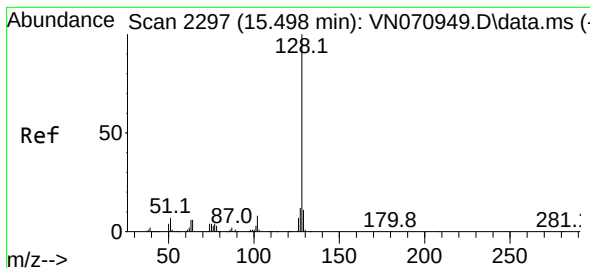


#94
Hexachlorobutadiene
Concen: 41.664 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071019.D
Acq: 22 Feb 2022 10:45



Tgt Ion:225 Resp: 183959
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.7
227 63.9 32.1 96.3





#95

Naphthalene

Concen: 40.200 ug/l

RT: 15.504 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 646410

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

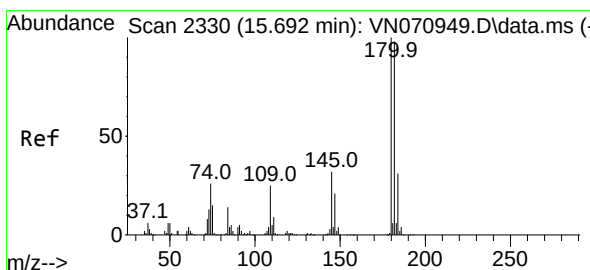
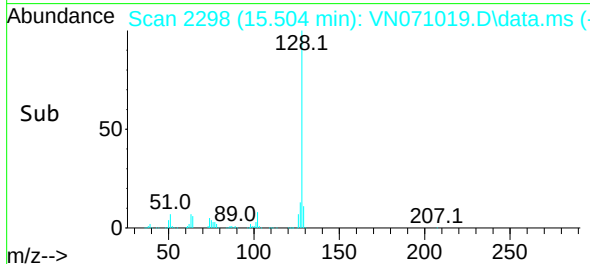
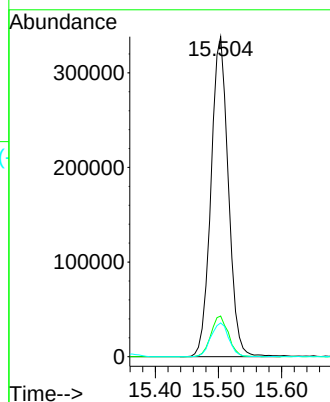
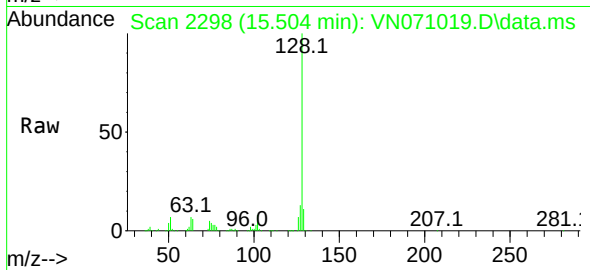
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#96

1,2,3-Trichlorobenzene

Concen: 42.790 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN071019.D

Acq: 22 Feb 2022 10:45

Tgt Ion:180 Resp: 266063

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 32.2 15.0 45.1

