

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070954.D
 Acq On : 16 Feb 2022 12:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 17 04:07:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	669185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1047560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	981633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455439	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	408493	53.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.880%	
35) Dibromofluoromethane	8.016	113	328923	52.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.580%	
50) Toluene-d8	10.433	98	1272432	50.851	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.727	95	469717	52.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.040%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	334459	48.121	ug/l	98
3) Chloromethane	2.298	50	415351	47.543	ug/l	96
4) Vinyl Chloride	2.446	62	412276	47.142	ug/l	97
5) Bromomethane	2.840	94	252369	50.799	ug/l	97
6) Chloroethane	3.010	64	265859	46.338	ug/l	98
7) Trichlorofluoromethane	3.369	101	523251	47.743	ug/l	98
8) Diethyl Ether	3.816	74	247338	51.914	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.198	101	324700	48.288	ug/l	96
10) Methyl Iodide	4.410	142	488902	52.498	ug/l	97
11) Tert butyl alcohol	5.369	59	379627	272.503	ug/l	99
12) 1,1-Dichloroethene	4.169	96	314889	48.065	ug/l	96
13) Acrolein	4.034	56	311949	250.591	ug/l	99
14) Allyl chloride	4.834	41	633981	50.741	ug/l	88
15) Acrylonitrile	5.545	53	1142397	278.398	ug/l	99
16) Acetone	4.281	43	1060565	251.925	ug/l	94
17) Carbon Disulfide	4.522	76	893702	47.570	ug/l	99
18) Methyl Acetate	4.851	43	521118	56.613	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1274598	55.463	ug/l	96
20) Methylene Chloride	5.087	84	392190	51.260	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	350016	49.777	ug/l	95
22) Diisopropyl ether	6.492	45	1316071	54.920	ug/l	94
23) Vinyl Acetate	6.428	43	5767521	284.319	ug/l	99
24) 1,1-Dichloroethane	6.375	63	686067	51.072	ug/l	99
25) 2-Butanone	7.328	43	1568009	279.987	ug/l	99
26) 2,2-Dichloropropane	7.316	77	561471	50.291	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	416016	51.476	ug/l	95
28) Bromochloromethane	7.645	49	256002	47.085	ug/l	93
29) Tetrahydrofuran	7.680	42	1019767	281.084	ug/l	97
30) Chloroform	7.810	83	681522	51.583	ug/l	99
31) Cyclohexane	8.086	56	634449	47.990	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	579600	50.798	ug/l	98
36) 1,1-Dichloropropene	8.216	75	510344	49.993	ug/l	98
37) Ethyl Acetate	7.404	43	615420	56.213	ug/l	99
38) Carbon Tetrachloride	8.198	117	501966	49.906	ug/l	99
39) Methylcyclohexane	9.451	83	648503	49.370	ug/l	98
40) Benzene	8.451	78	1546101	51.202	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	344086	59.674	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	553501	53.821	ug/l	98
43) Isopropyl Acetate	8.557	43	976087	56.563	ug/l	98
44) Trichloroethene	9.210	130	399262	50.212	ug/l	98
45) 1,2-Dichloropropane	9.480	63	407189	52.643	ug/l	99
46) Dibromomethane	9.569	93	270444	53.130	ug/l	98
47) Bromodichloromethane	9.757	83	545570	53.032	ug/l	99
48) Methyl methacrylate	9.551	41	476688	58.360	ug/l #	85
49) 1,4-Dioxane	9.563	88	164303	1132.536	ug/l	92
51) 4-Methyl-2-Pentanone	10.327	43	3024168	288.035	ug/l	96
52) Toluene	10.498	92	982676	51.790	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	624102	55.791	ug/l	100
54) cis-1,3-Dichloropropene	10.180	75	671631	54.671	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	399367	53.771	ug/l	98
56) Ethyl methacrylate	10.757	69	667318	59.633	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	694616	54.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	597486	241.301	ug/l	97
59) 2-Hexanone	11.080	43	2147808	297.442	ug/l	96
60) Dibromochloromethane	11.233	129	431244	54.942	ug/l	99
61) 1,2-Dibromoethane	11.339	107	412969	54.666	ug/l	99
64) Tetrachloroethene	10.968	164	365128	47.761	ug/l	98
65) Chlorobenzene	11.763	112	1057738	50.005	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	398826	51.725	ug/l	100
67) Ethyl Benzene	11.839	91	1887576	50.985	ug/l	98
68) m/p-Xylenes	11.945	106	1464255	102.392	ug/l	100
69) o-Xylene	12.274	106	726810	52.028	ug/l	100
70) Styrene	12.286	104	1200460	54.044	ug/l	98
71) Bromoform	12.451	173	334980	54.549	ug/l #	100
73) Isopropylbenzene	12.574	105	1862743	50.813	ug/l	100
74) N-amyl acetate	12.380	43	696585	59.445	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	599676	51.478	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	517908m	48.297	ug/l	
77) Bromobenzene	12.857	156	464454	51.755	ug/l	90
78) n-propylbenzene	12.915	91	2132909	51.785	ug/l	99
79) 2-Chlorotoluene	13.004	91	1278323	51.106	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	1540649	51.875	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.615	75	186137	56.248	ug/l	87
82) 4-Chlorotoluene	13.098	91	1280222	52.727	ug/l	95
83) tert-Butylbenzene	13.315	119	1396441	49.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1535797	52.532	ug/l	99
85) sec-Butylbenzene	13.498	105	1922637	51.804	ug/l	100
86) p-Isopropyltoluene	13.609	119	1623708	53.293	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	815368	51.325	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	802656	51.569	ug/l	99
89) n-Butylbenzene	13.939	91	1343395	54.044	ug/l	97
90) Hexachloroethane	14.204	117	279363	51.343	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	770871	51.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	106131	56.231	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	430860	51.330	ug/l	99
94) Hexachlorobutadiene	15.362	225	260338	47.857	ug/l	100
95) Naphthalene	15.498	128	1094817	53.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	409190	52.788	ug/l	99

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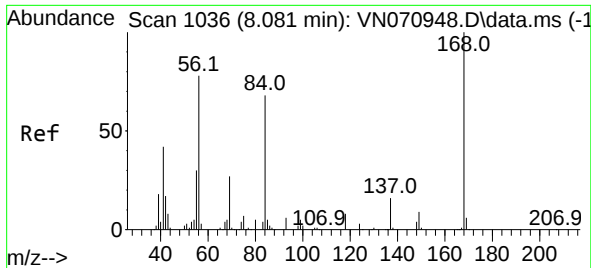
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 02/21/2022

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Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
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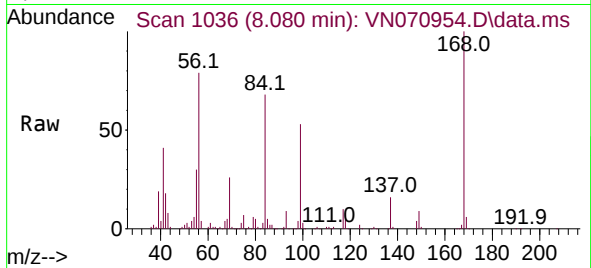
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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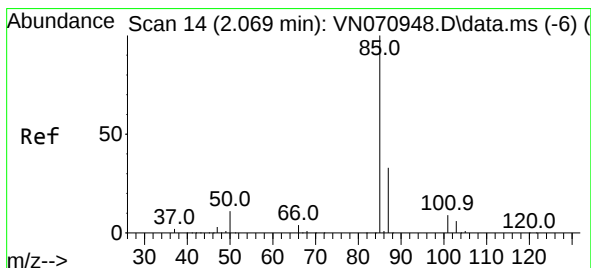
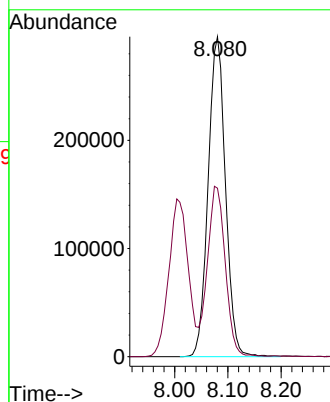
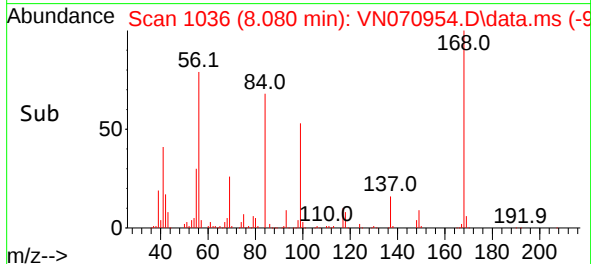
Instrument :
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VSTDCCC050



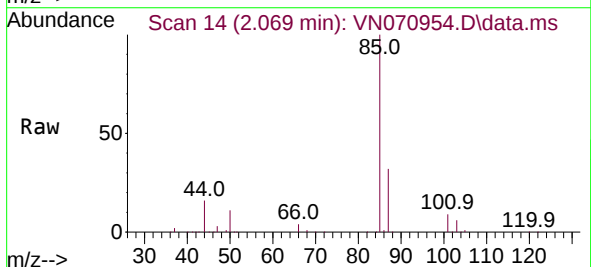
Tgt Ion:168 Resp: 66918
Ion Ratio Lower Upper
168 100
99 52.5 41.3 61.9

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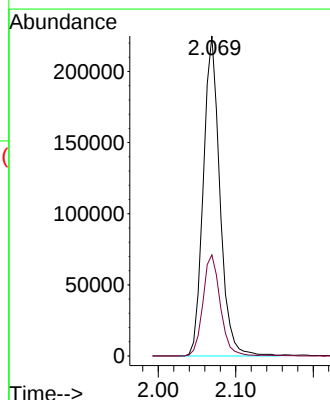
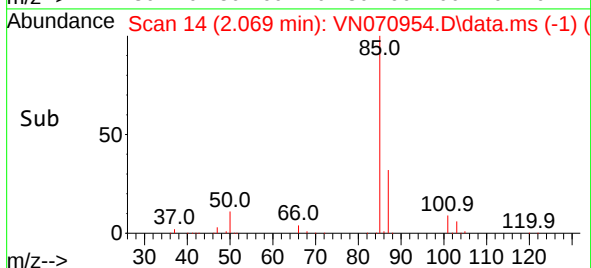
Reviewed By :John Carlone 02/17/2022
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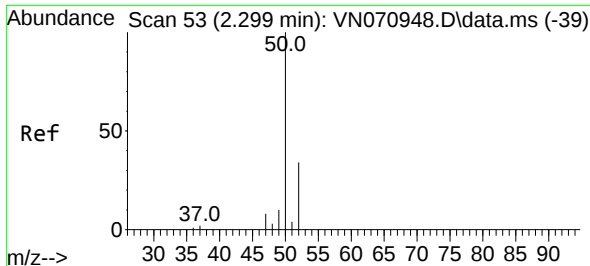


#2
Dichlorodifluoromethane
Concen: 48.121 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



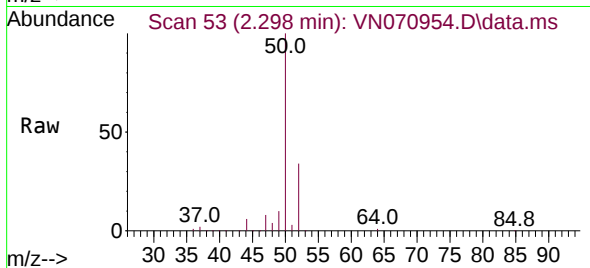
Tgt Ion: 85 Resp: 334459
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 47.543 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

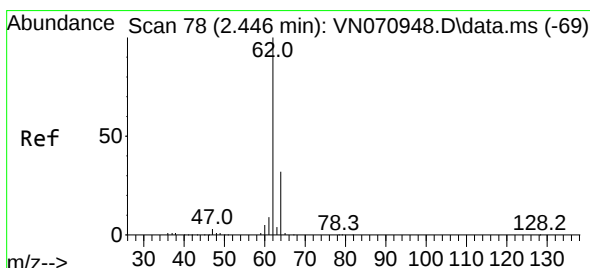
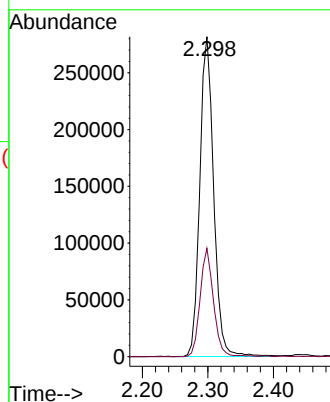
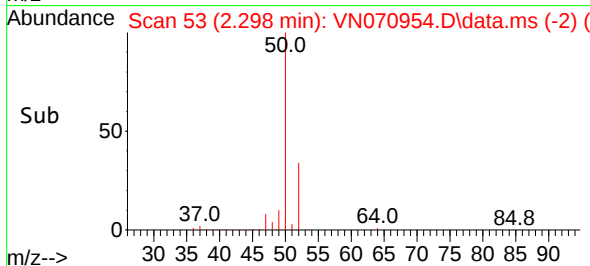
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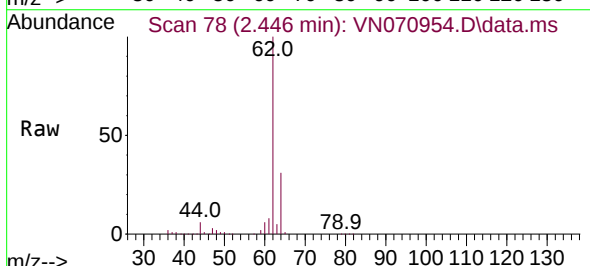
Tgt Ion: 50 Resp: 41535
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0

Manual Integrations
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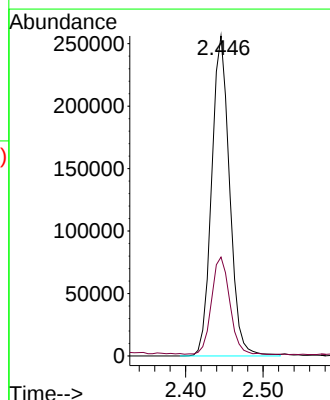
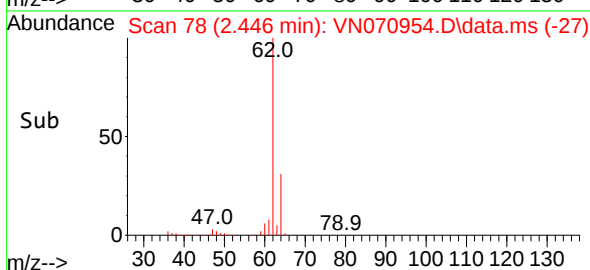
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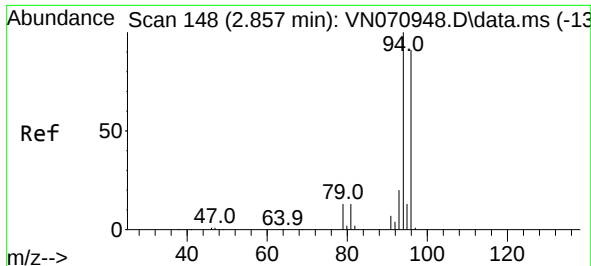


#4
Vinyl Chloride
Concen: 47.142 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion: 62 Resp: 412276
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.6





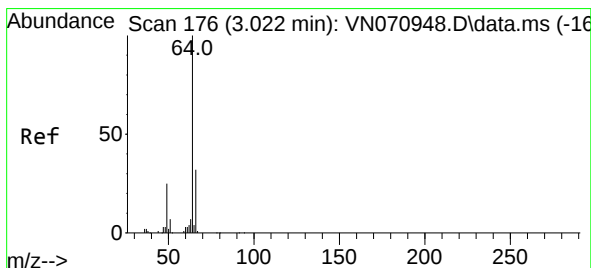
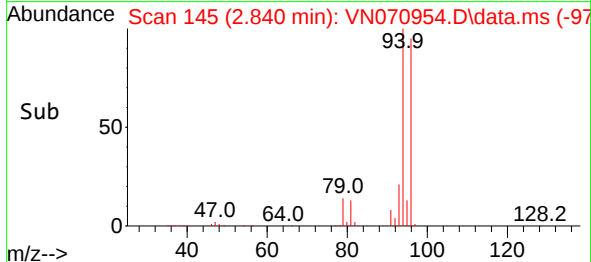
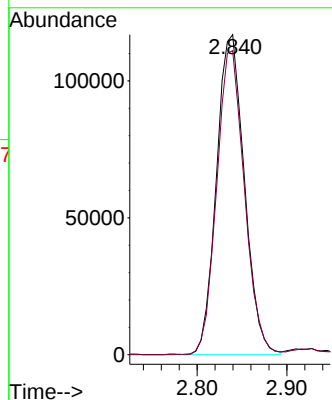
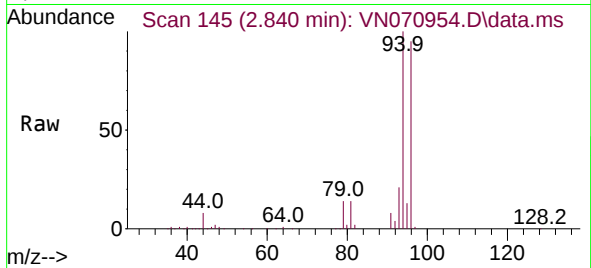
#5
Bromomethane
Concen: 50.799 ug/l
RT: 2.840 min Scan# 148
Delta R.T. -0.018 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
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VSTDCCC050

Tgt Ion: 94 Resp: 252369
Ion Ratio Lower Upper
94 100
96 94.9 73.8 110.8

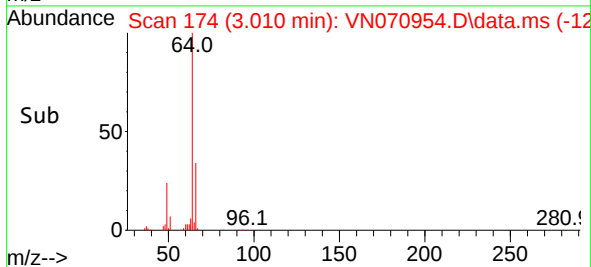
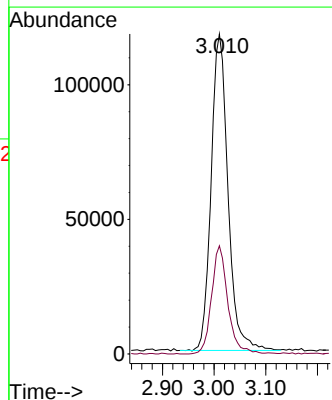
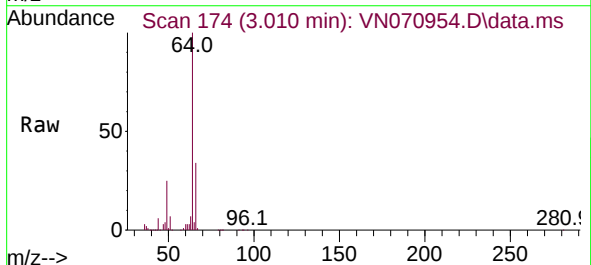
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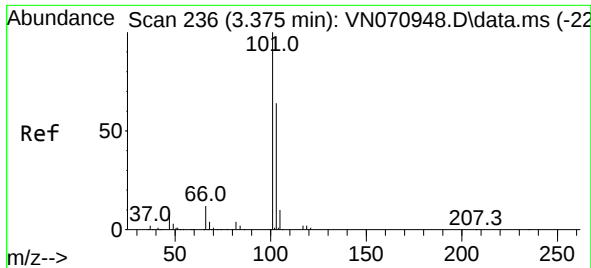
Reviewed By :John Carlone 02/17/2022
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#6
Chloroethane
Concen: 46.338 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Tgt Ion: 64 Resp: 265859
Ion Ratio Lower Upper
64 100
66 34.2 26.3 39.5





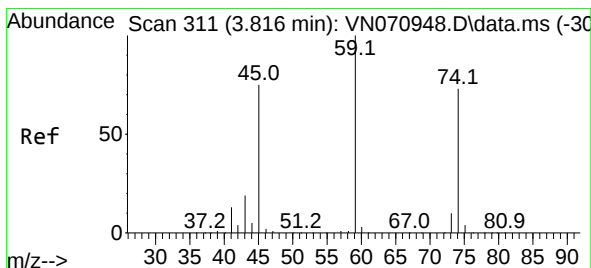
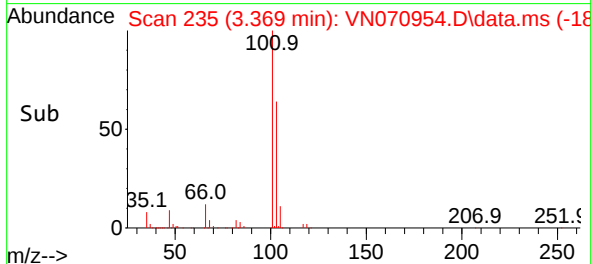
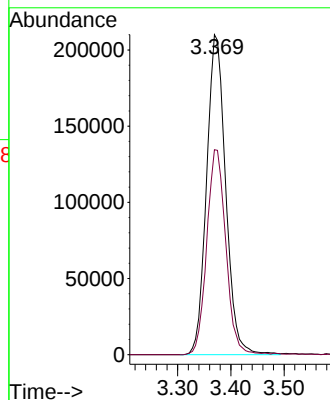
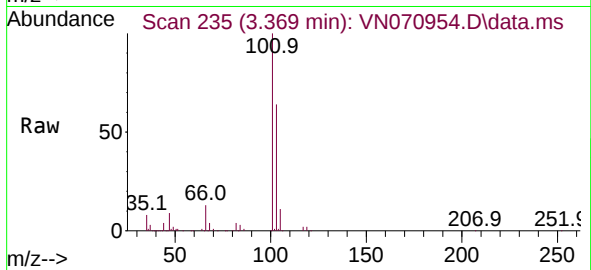
#7
 Trichlorofluoromethane
 Concen: 47.743 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 52325
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

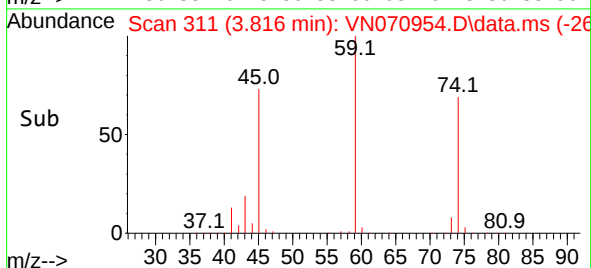
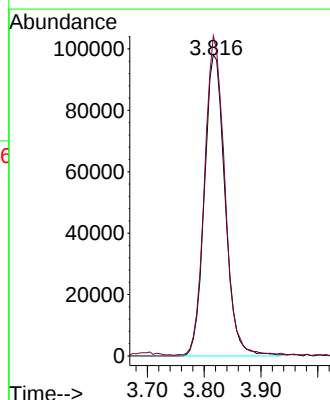
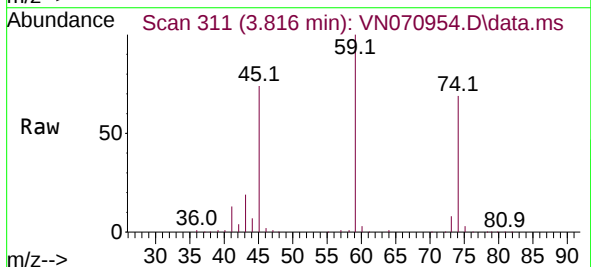
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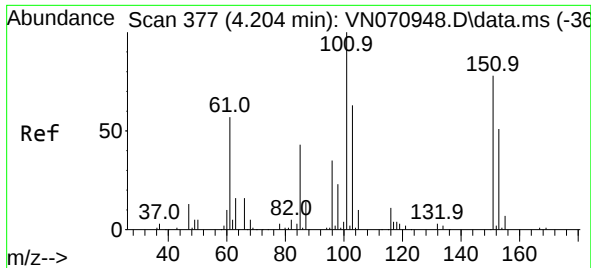
Reviewed By :John Carlone 02/17/2022
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#8
 Diethyl Ether
 Concen: 51.914 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VN070954.D
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Tgt Ion: 74 Resp: 247338
 Ion Ratio Lower Upper
 74 100
 45 103.6 47.0 141.2





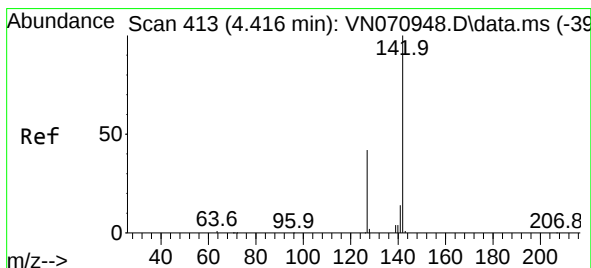
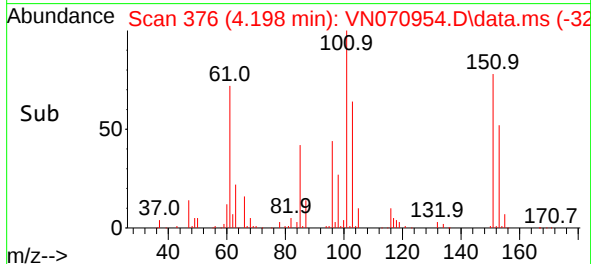
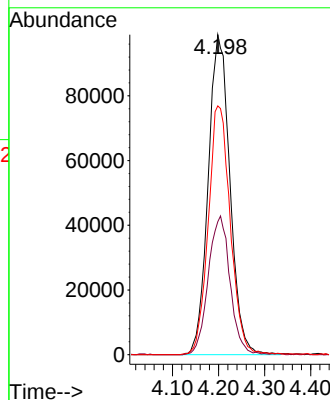
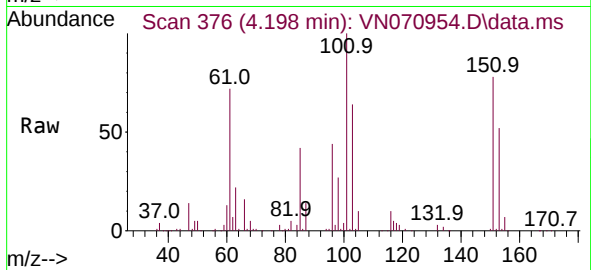
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.288 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 324700
Ion Ratio Lower Upper
101 100
85 43.4 37.2 55.8
151 78.8 65.9 98.9

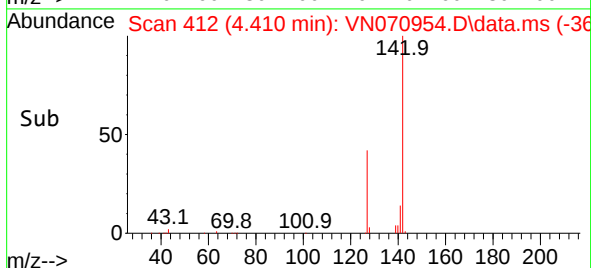
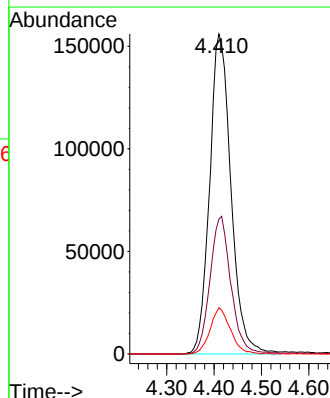
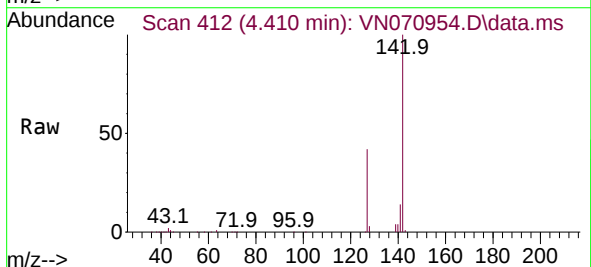
Manual Integrations
APPROVED

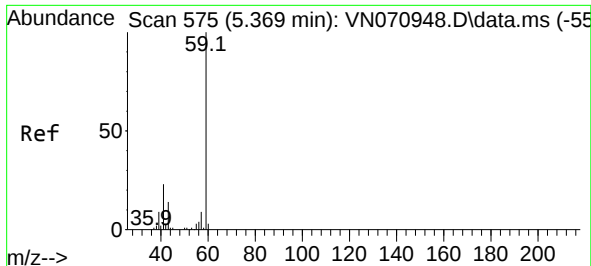
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 52.498 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

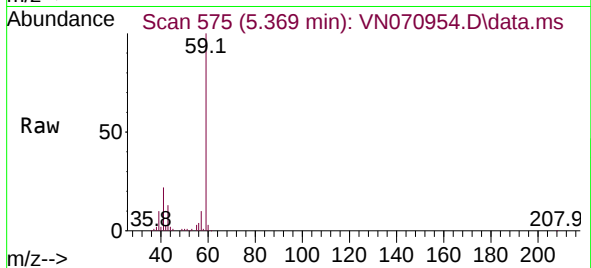
Tgt Ion:142 Resp: 488902
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 272.503 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

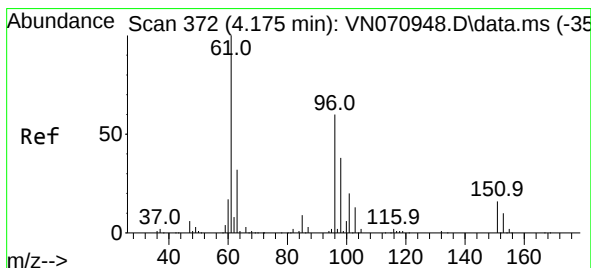
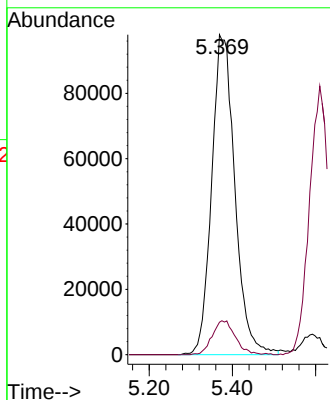
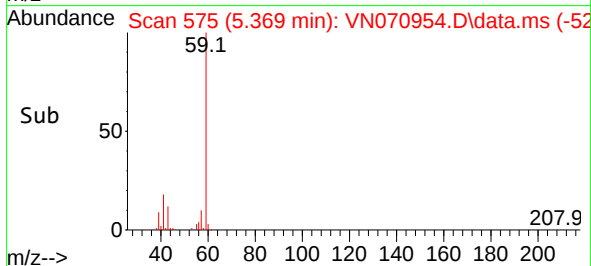
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



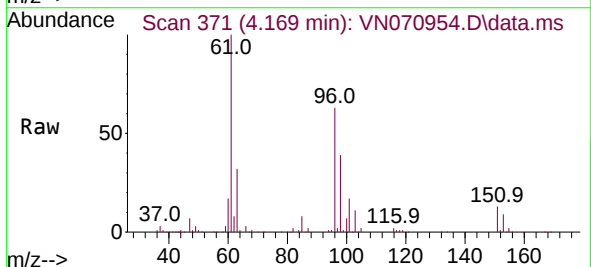
Tgt Ion: 59 Resp: 37962
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

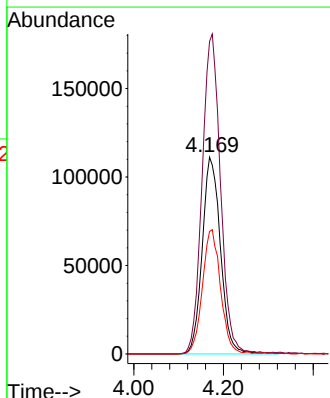
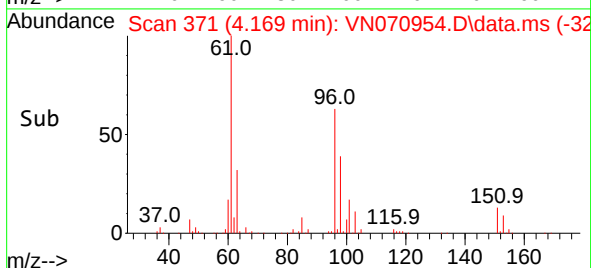
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

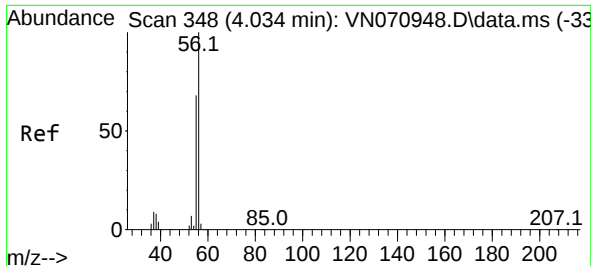


#12
1,1-Dichloroethene
Concen: 48.065 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion: 96 Resp: 314889
Ion Ratio Lower Upper
96 100
61 158.8 131.0 196.6
98 62.3 52.4 78.6





#13

Acrolein

Concen: 250.591 ug/l

RT: 4.034 min Scan# 348

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 311949

Ion Ratio Lower Upper

56 100

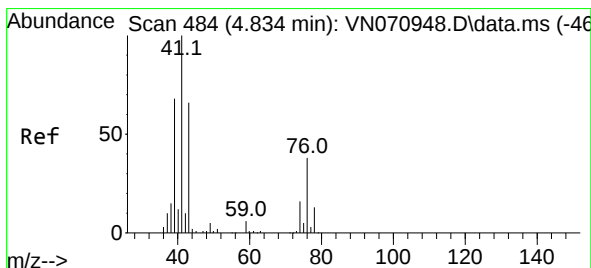
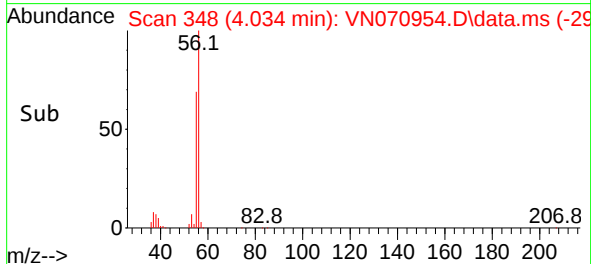
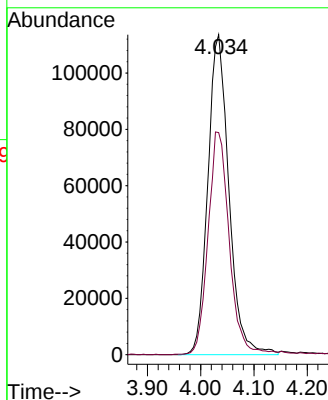
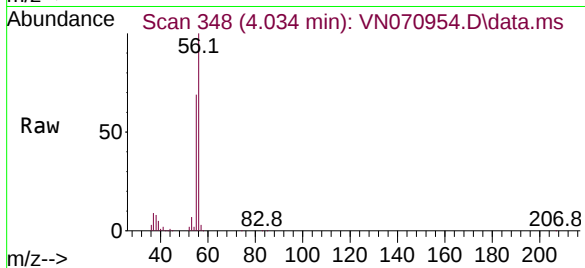
55 70.2 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#14

Allyl chloride

Concen: 50.741 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

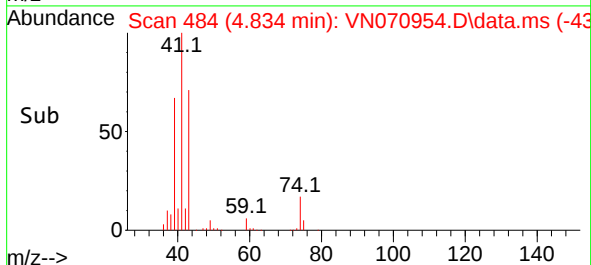
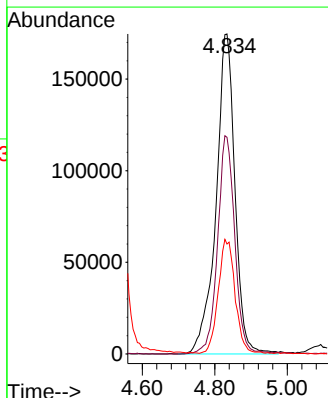
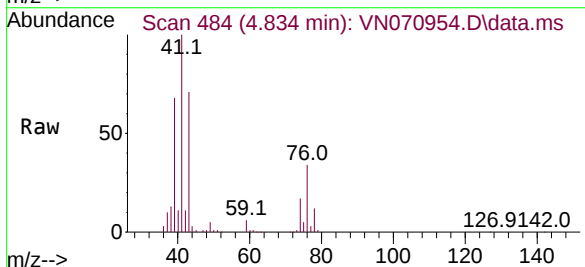
Tgt Ion: 41 Resp: 633981

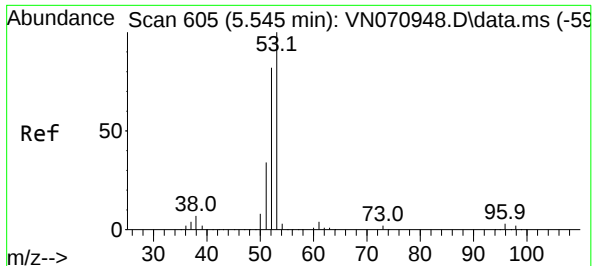
Ion Ratio Lower Upper

41 100

39 62.0 61.2 91.8

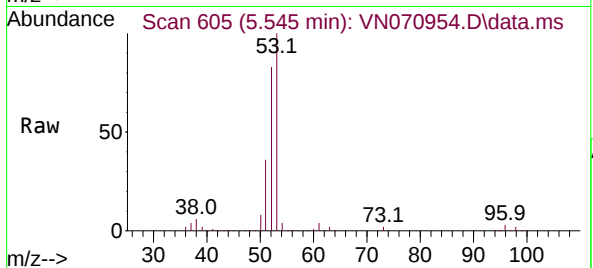
76 31.5 26.0 39.0





#15
Acrylonitrile
Concen: 278.398 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

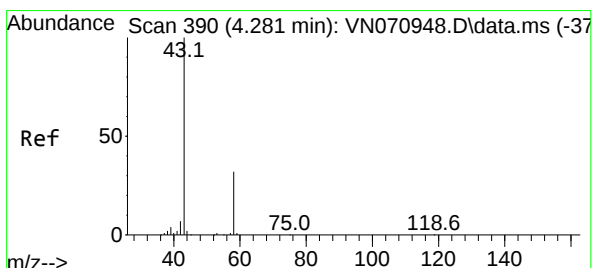
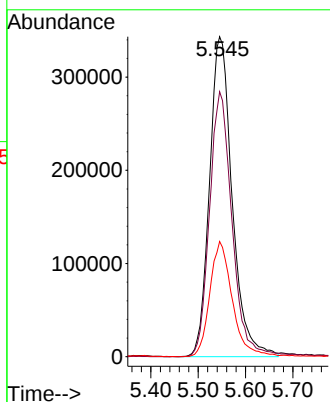
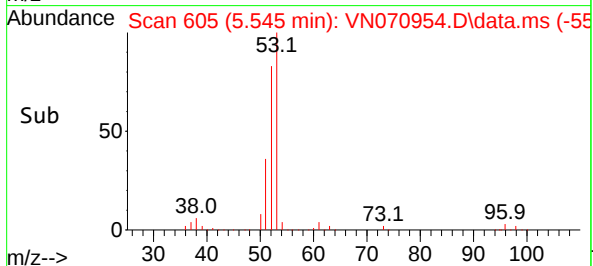
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



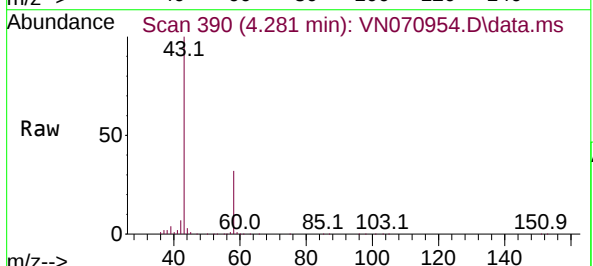
Tgt Ion: 53 Resp: 114239
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.7 29.6 44.4

Manual Integrations
APPROVED

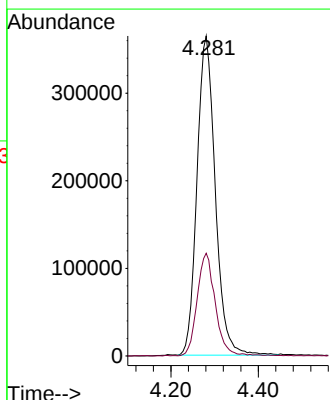
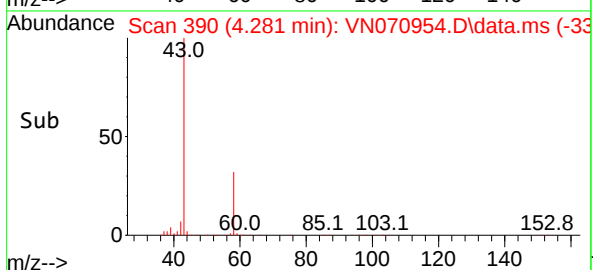
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

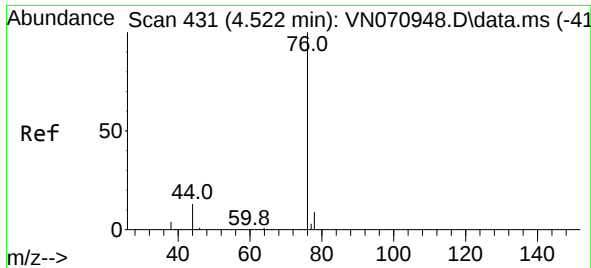


#16
Acetone
Concen: 251.925 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



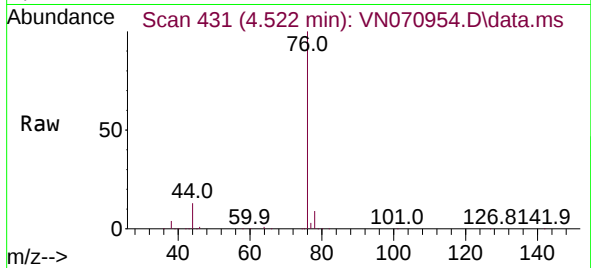
Tgt Ion: 43 Resp: 1060565
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7





#17
Carbon Disulfide
Concen: 47.570 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

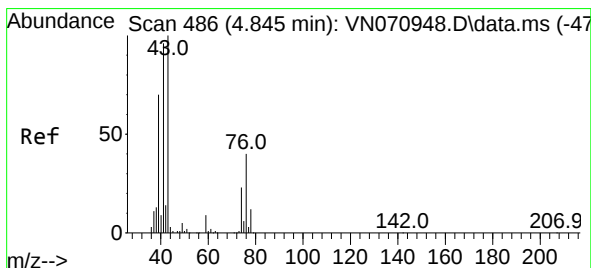
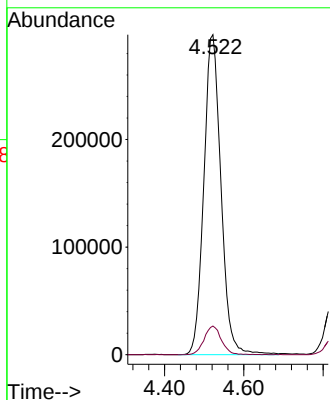
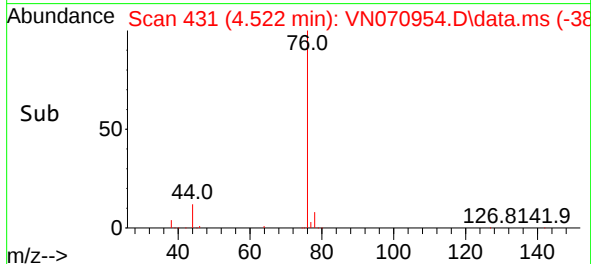
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



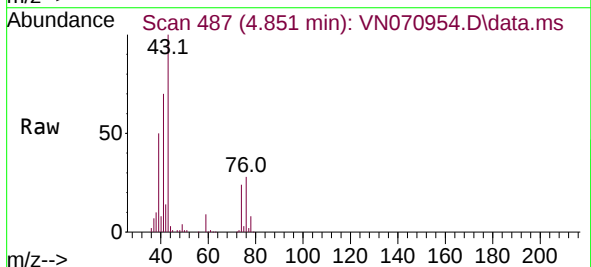
Tgt Ion: 76 Resp: 893702
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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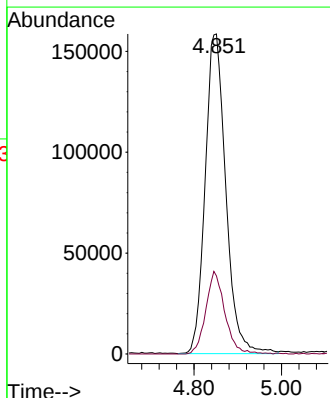
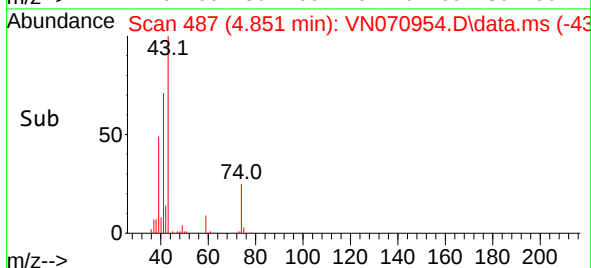
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

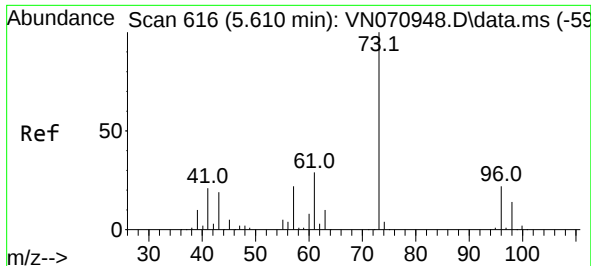


#18
Methyl Acetate
Concen: 56.613 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



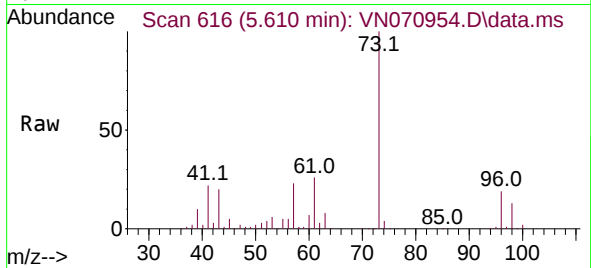
Tgt Ion: 43 Resp: 521118
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 55.463 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

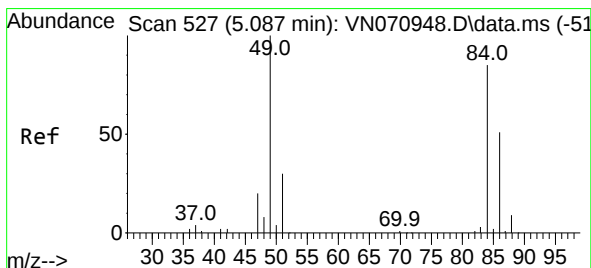
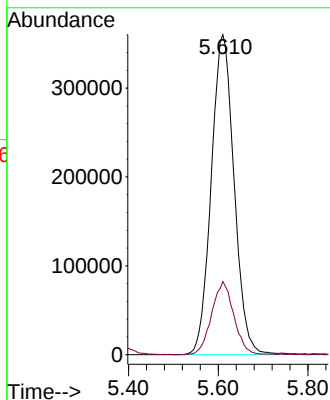
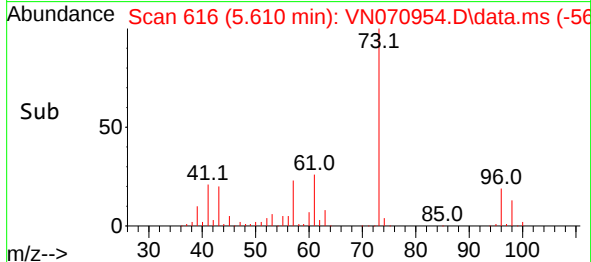
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



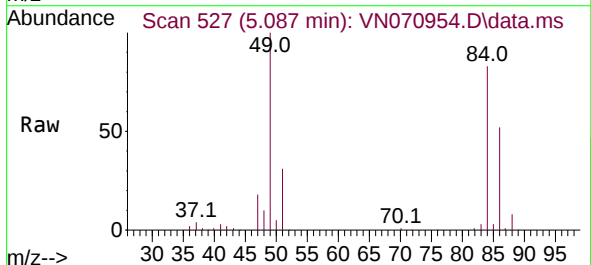
Tgt Ion: 73 Resp: 1274598
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

Manual Integrations
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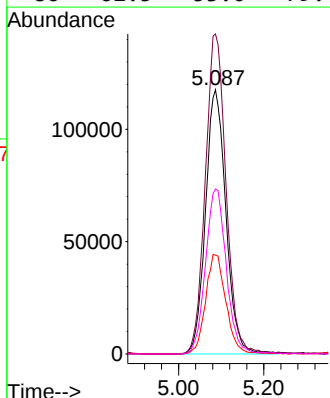
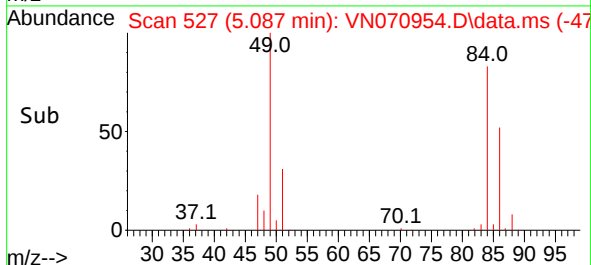
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

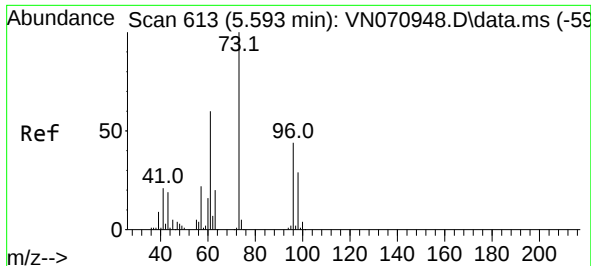


#20
Methylene Chloride
Concen: 51.260 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



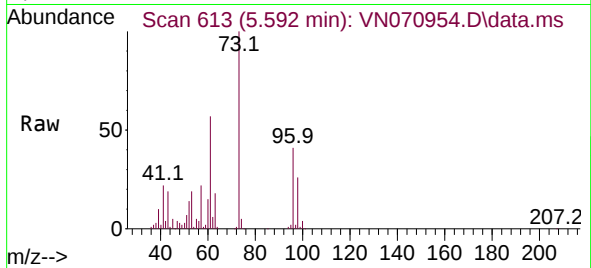
Tgt Ion: 84 Resp: 392190
Ion Ratio Lower Upper
84 100
49 121.1 93.5 140.3
51 37.4 29.4 44.2
86 62.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.777 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

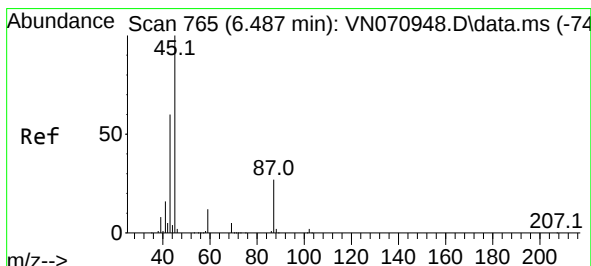
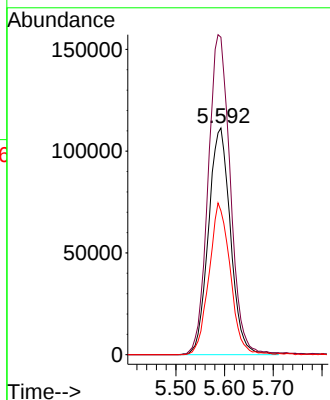
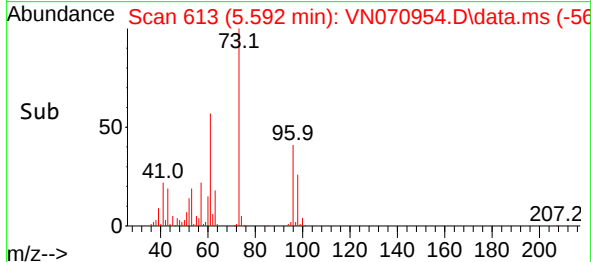
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



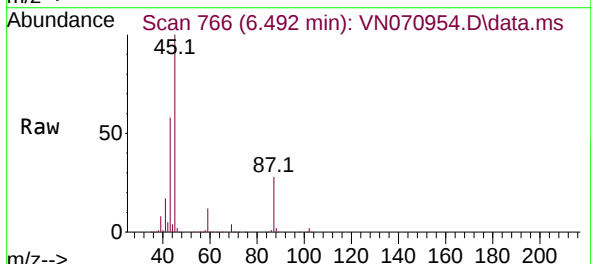
Tgt Ion: 96 Resp: 350010
Ion Ratio Lower Upper
96 100
61 140.0 105.8 158.6
98 63.5 52.0 78.0

Manual Integrations
APPROVED

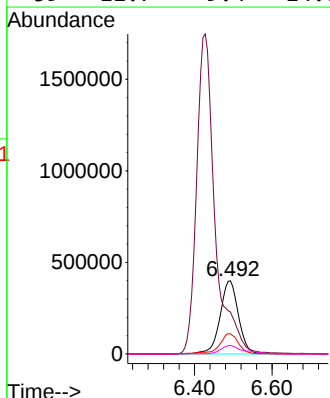
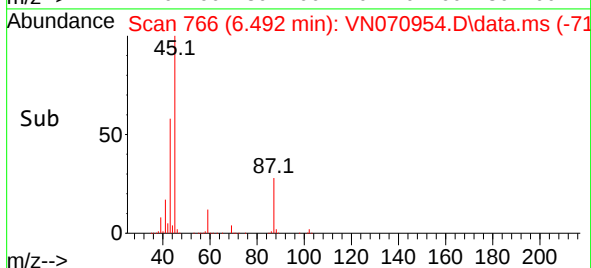
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

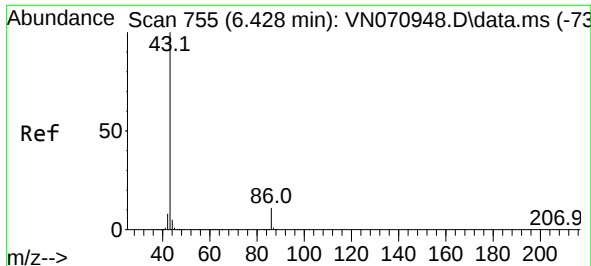


#22
Diisopropyl ether
Concen: 54.920 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



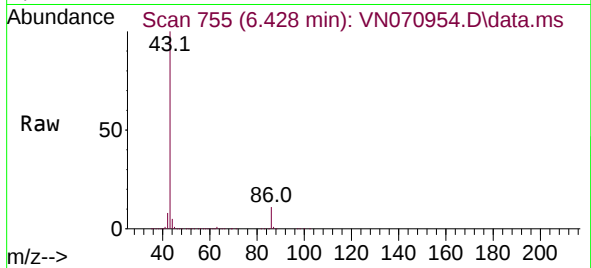
Tgt Ion: 45 Resp: 1316071
Ion Ratio Lower Upper
45 100
43 57.3 51.7 77.5
87 27.6 23.2 34.8
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 284.319 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

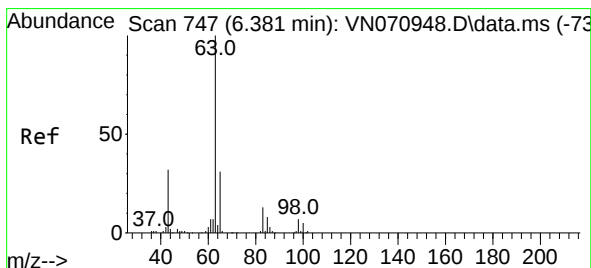
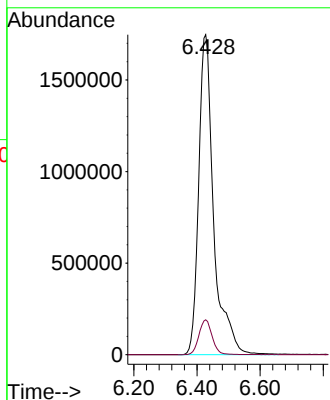
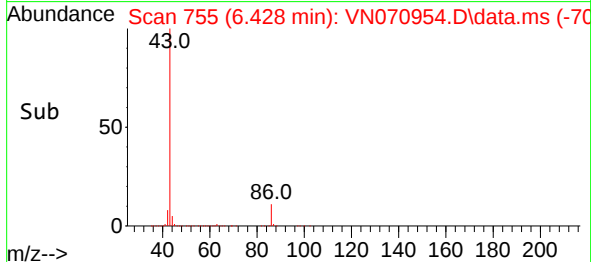
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



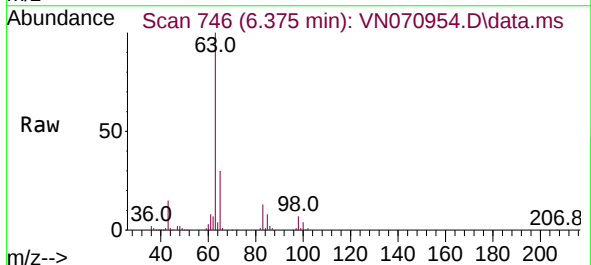
Tgt Ion: 43 Resp: 576752
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

Manual Integrations
 APPROVED

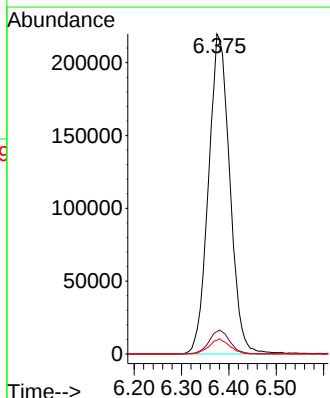
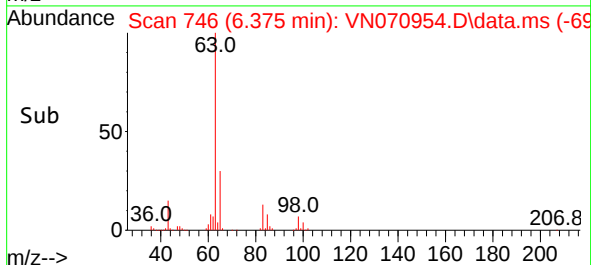
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022

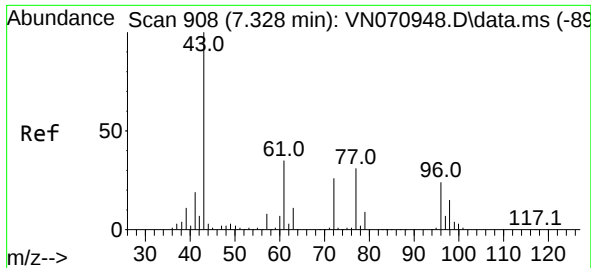


#24
 1,1-Dichloroethane
 Concen: 51.072 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42



Tgt Ion: 63 Resp: 686067
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.2 2.1 6.5





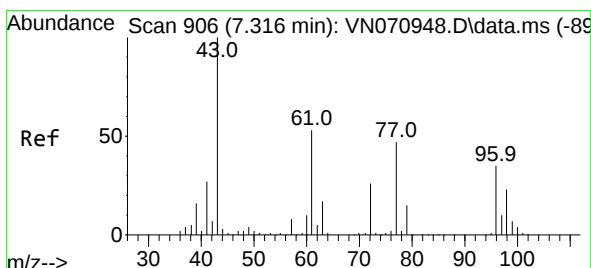
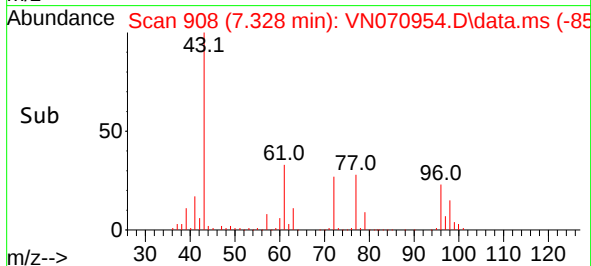
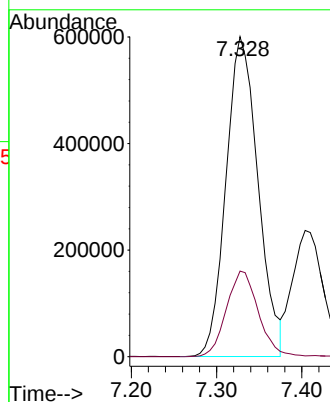
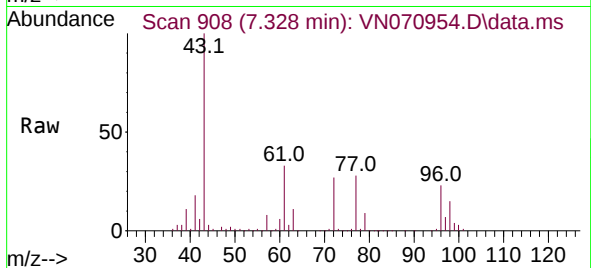
#25
2-Butanone
Concen: 279.987 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1568009
Ion Ratio Lower Upper
43 100
72 26.8 21.7 32.5

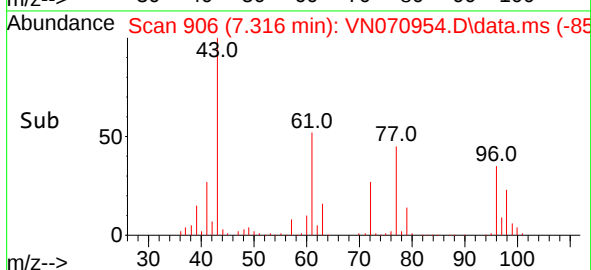
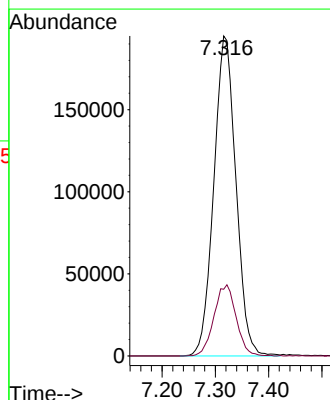
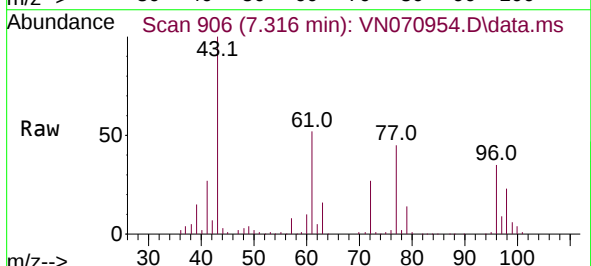
Manual Integrations
APPROVED

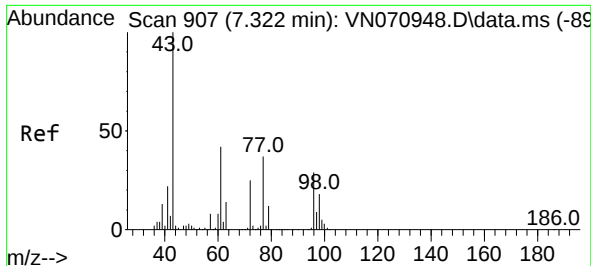
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#26
2,2-Dichloropropane
Concen: 50.291 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

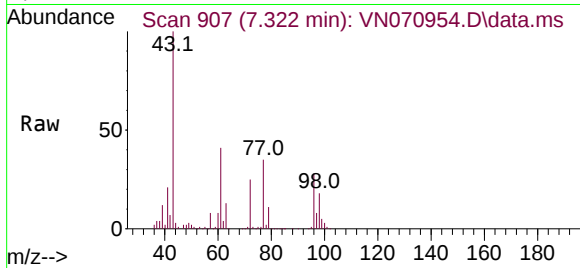
Tgt Ion: 77 Resp: 561471
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.476 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

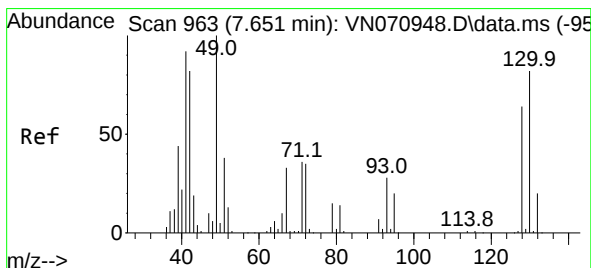
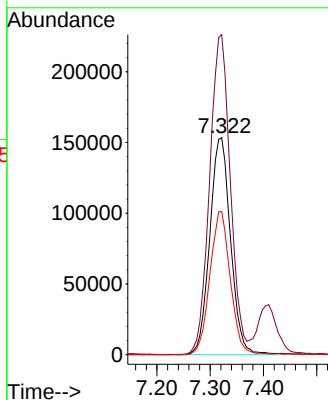
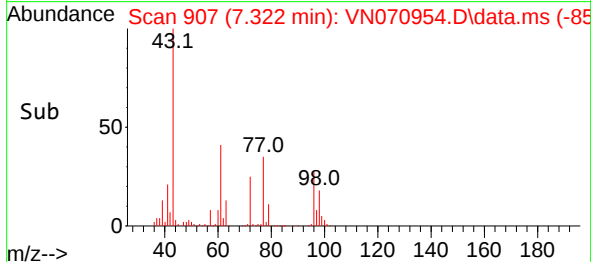
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 416010
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 275.0
 98 64.8 0.0 129.6

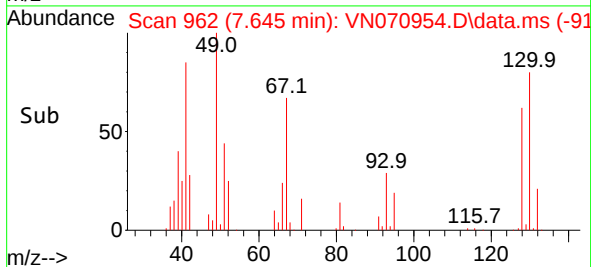
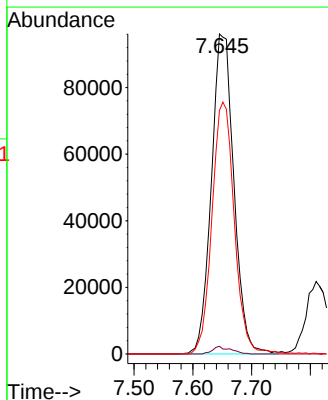
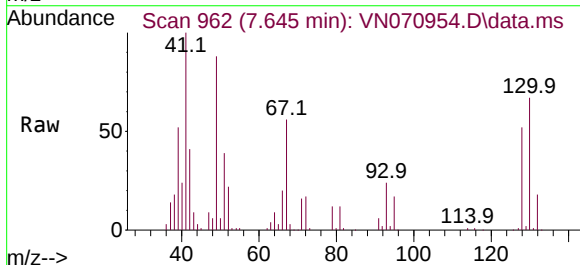
Manual Integrations
 APPROVED

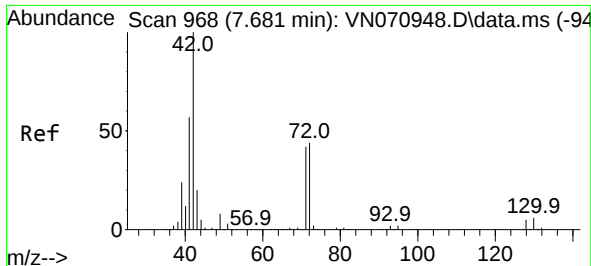
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#28
 Bromochloromethane
 Concen: 47.085 ug/l
 RT: 7.645 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

Tgt Ion: 49 Resp: 256002
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 77.9 67.8 101.8





#29

Tetrahydrofuran

Concen: 281.084 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 101976

Ion Ratio Lower Upper

42 100

72 43.1 36.3 54.5

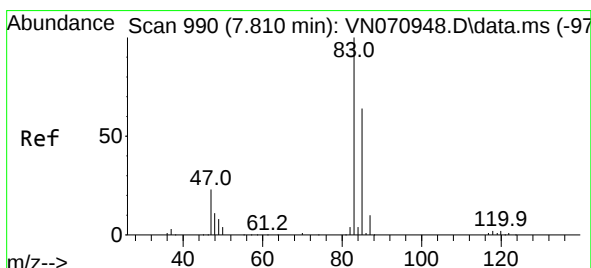
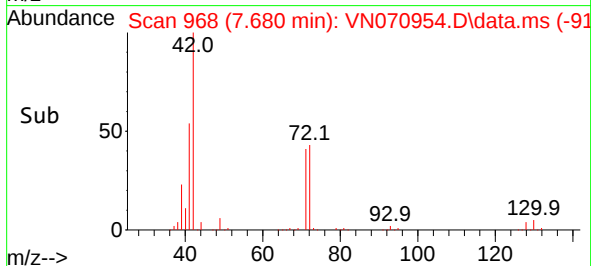
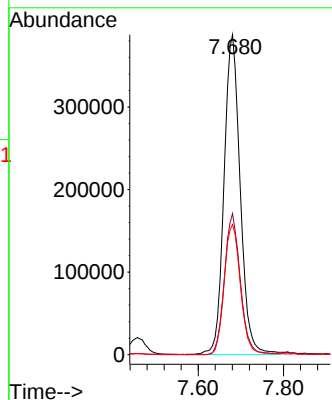
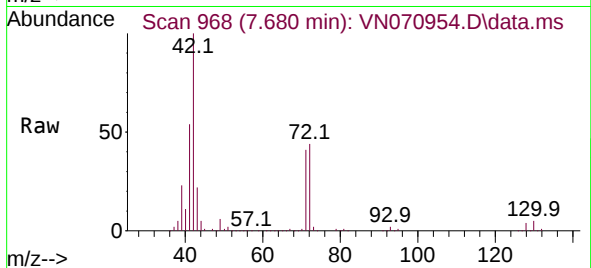
71 41.2 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 51.583 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN070954.D

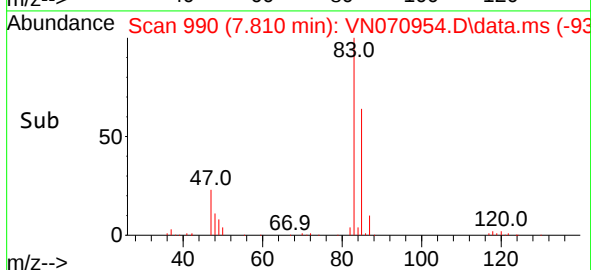
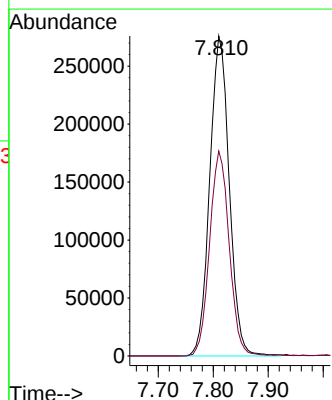
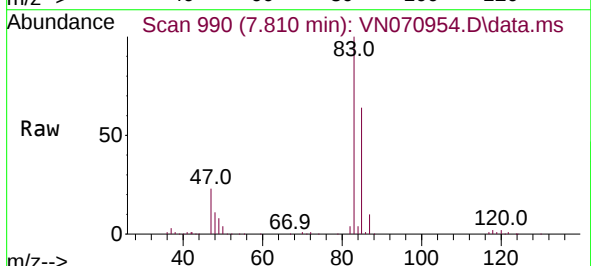
Acq: 16 Feb 2022 12:42

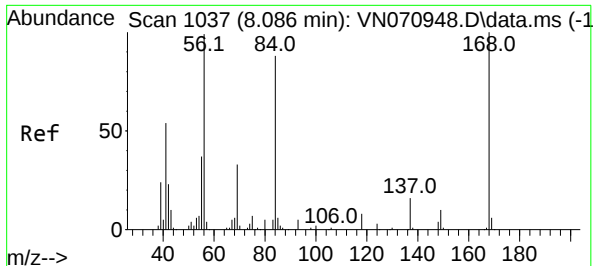
Tgt Ion: 83 Resp: 681522

Ion Ratio Lower Upper

83 100

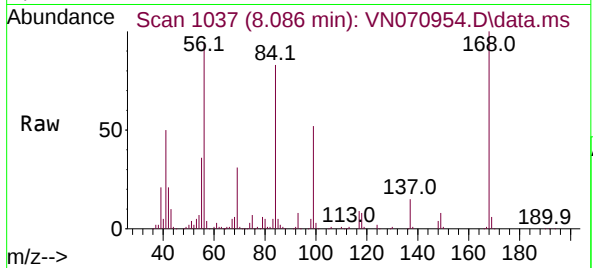
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 47.990 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

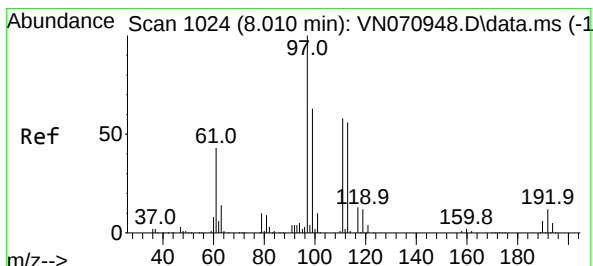
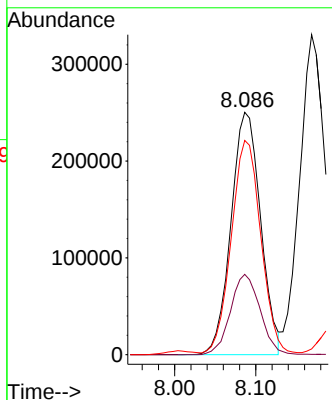
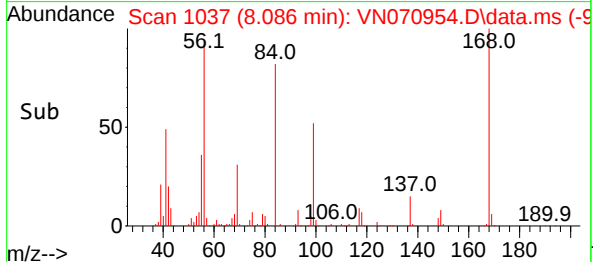
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



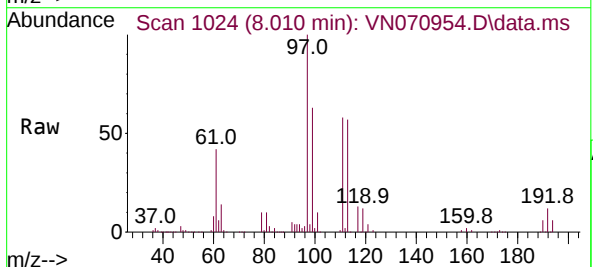
Tgt Ion: 56 Resp: 634449
Ion Ratio Lower Upper
56 100
69 33.1 27.1 40.7
84 86.8 73.4 110.0

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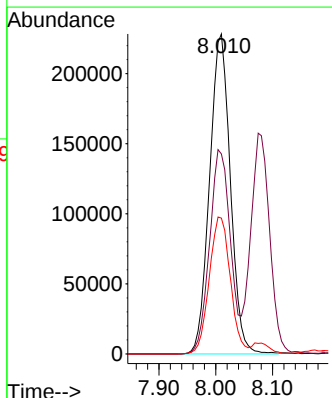
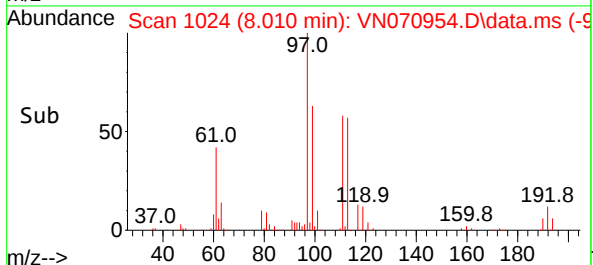
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

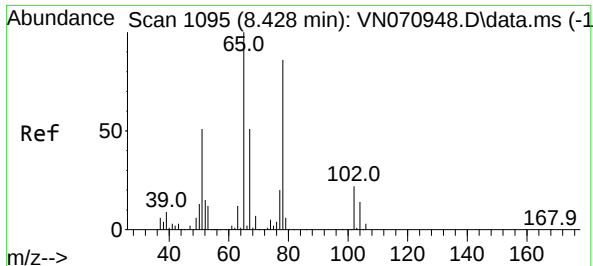


#32
1,1,1-Trichloroethane
Concen: 50.798 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion: 97 Resp: 579600
Ion Ratio Lower Upper
97 100
99 64.6 50.1 75.1
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.438 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 40849

Ion Ratio Lower Upper

65 100

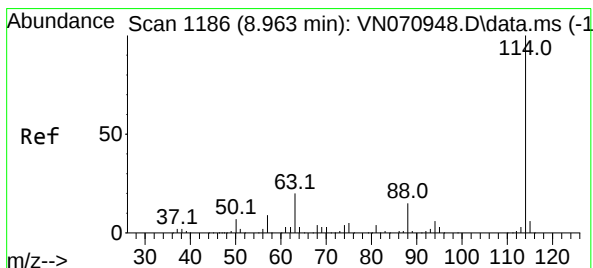
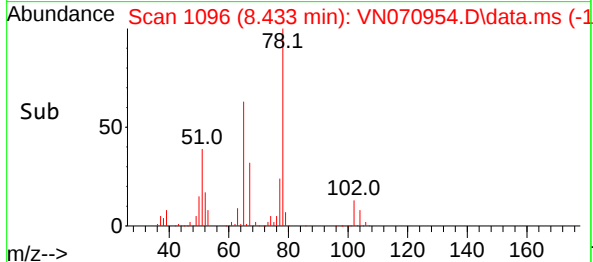
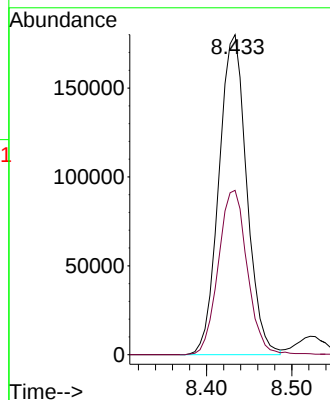
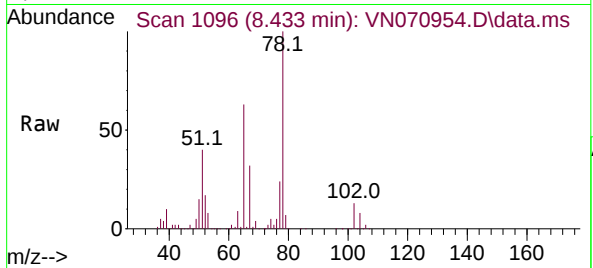
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

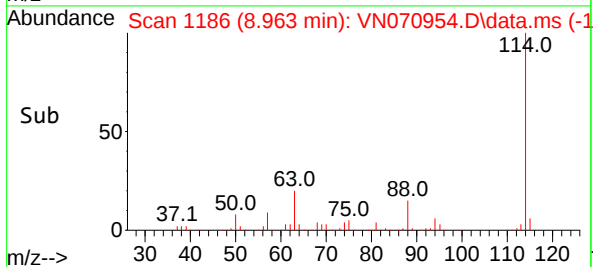
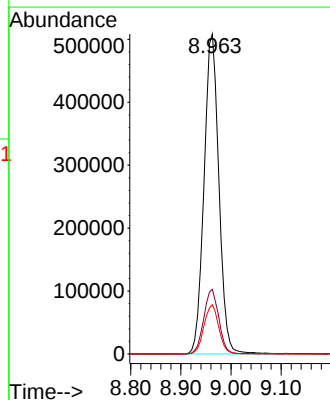
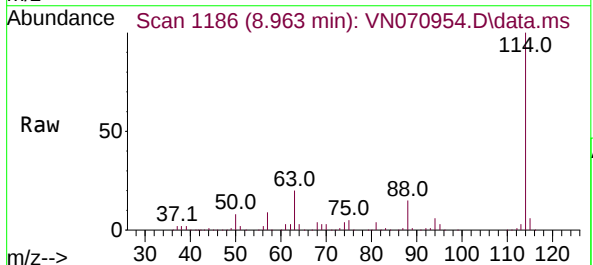
Tgt Ion:114 Resp: 1047560

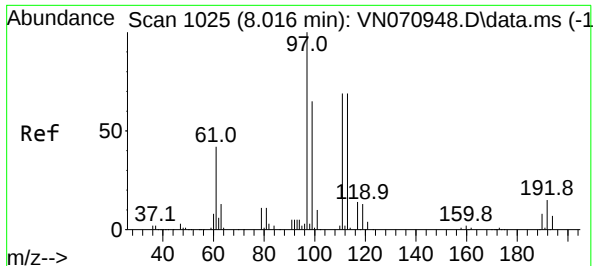
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.8

88 15.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.789 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

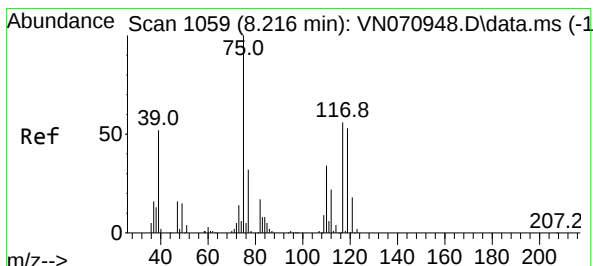
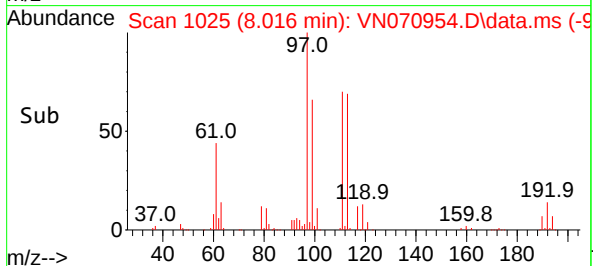
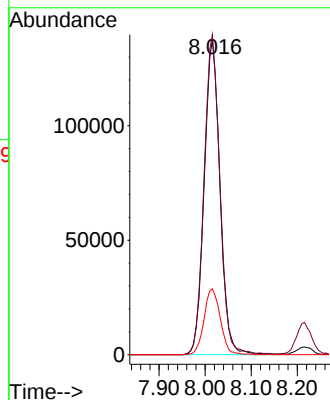
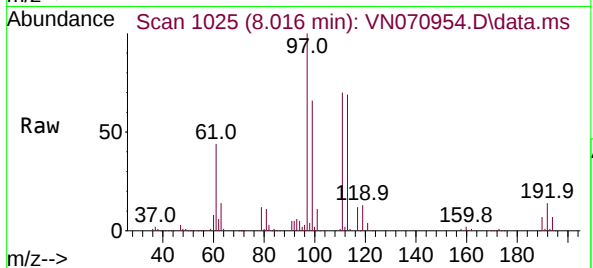
Tgt Ion:113 Resp: 32892
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 21.5 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#36

1,1-Dichloropropene

Concen: 49.993 ug/l

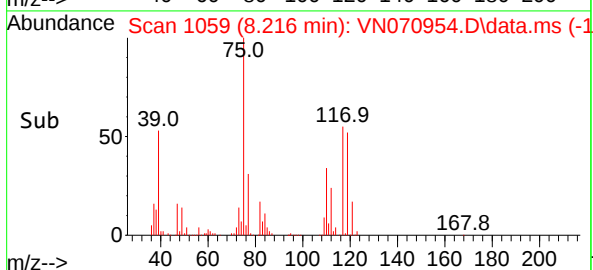
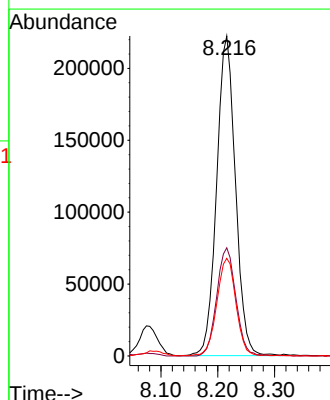
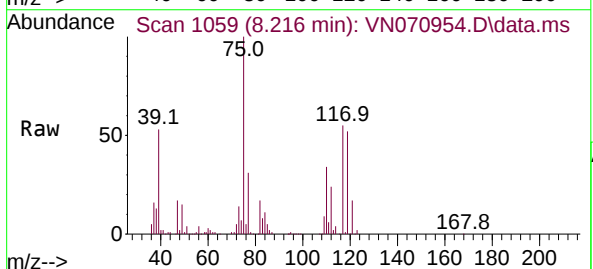
RT: 8.216 min Scan# 1059

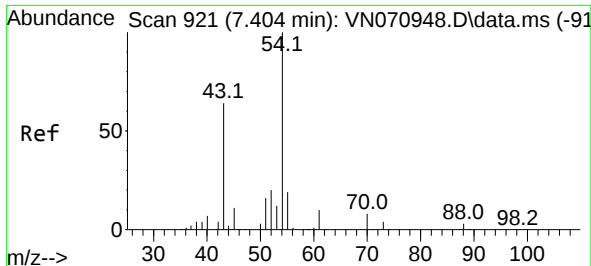
Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

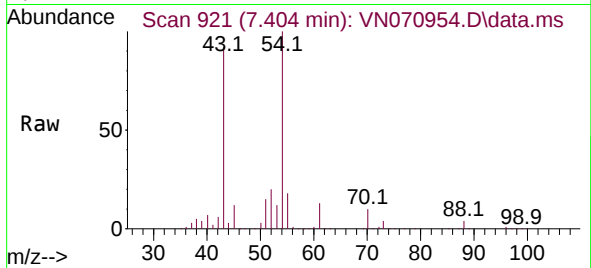
Tgt Ion: 75 Resp: 510344
 Ion Ratio Lower Upper
 75 100
 110 34.5 18.4 55.2
 77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 56.213 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

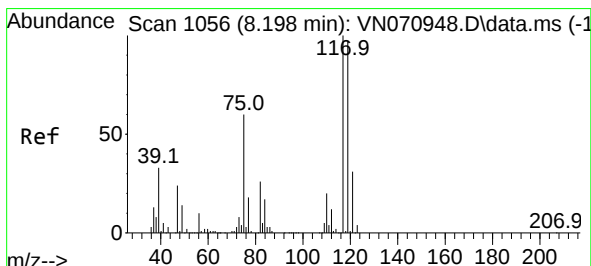
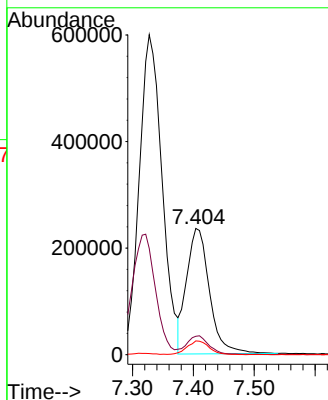
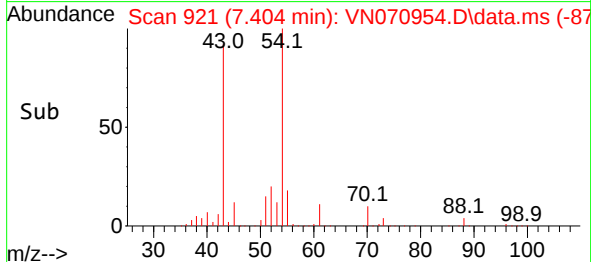
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



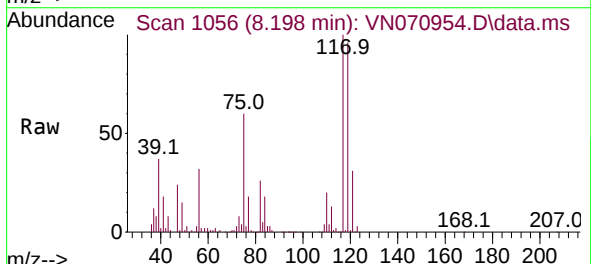
Tgt Ion: 43 Resp: 615420
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.5 7.9 11.9

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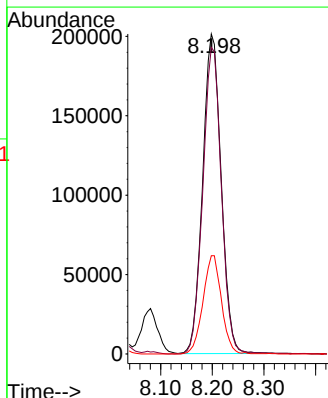
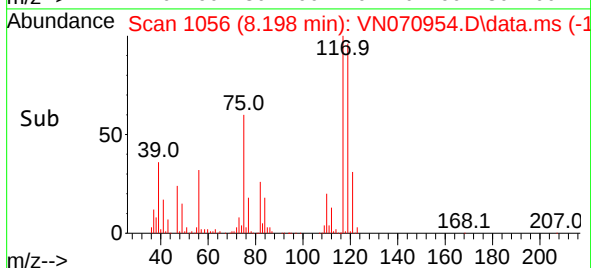
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

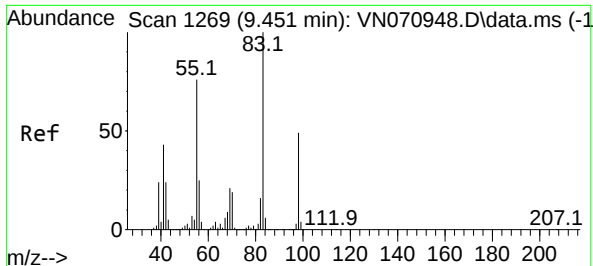


#38
Carbon Tetrachloride
Concen: 49.906 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion:117 Resp: 501966
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 49.370 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN070954.D

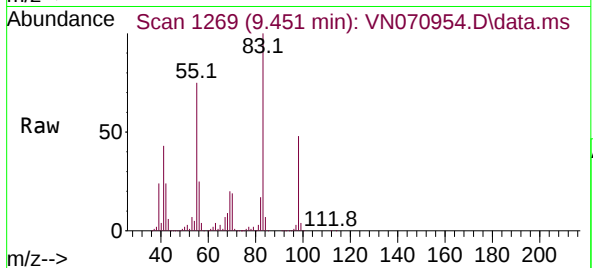
Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



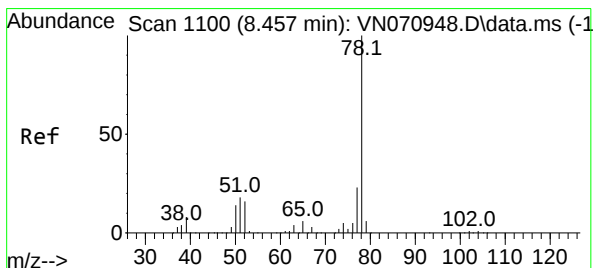
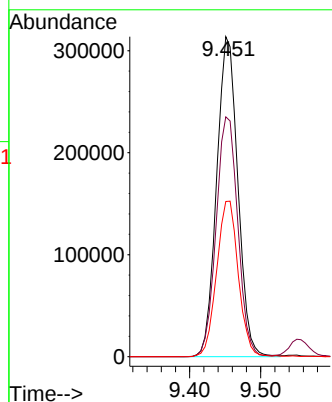
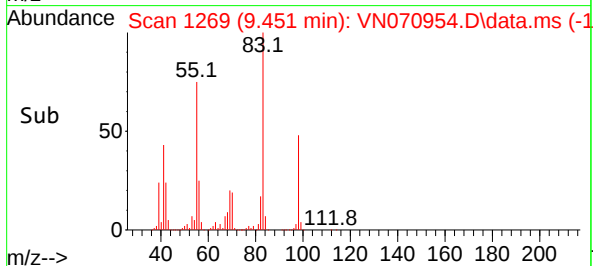
Tgt Ion:	83	Resp:	64850
Ion	Ratio	Lower	Upper
83	100		
55	74.9	58.1	87.1
98	48.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 51.202 ug/l

RT: 8.451 min Scan# 1099

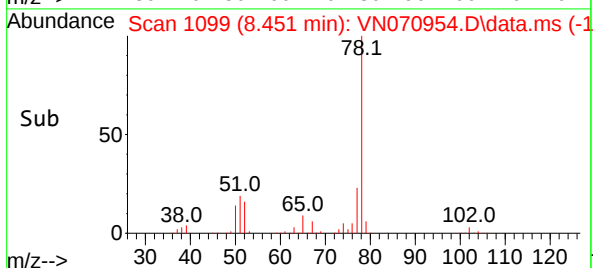
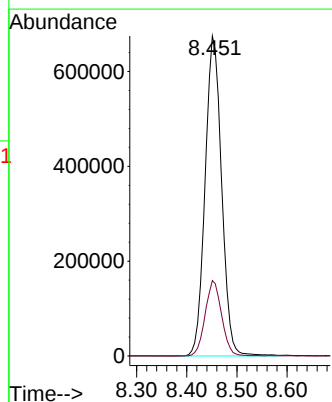
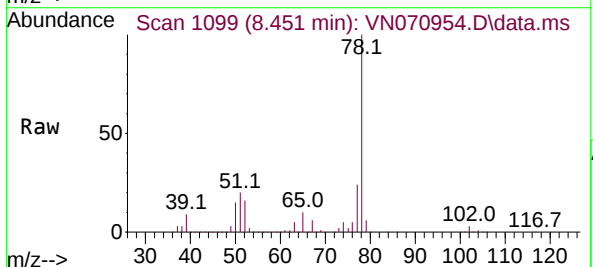
Delta R.T. -0.006 min

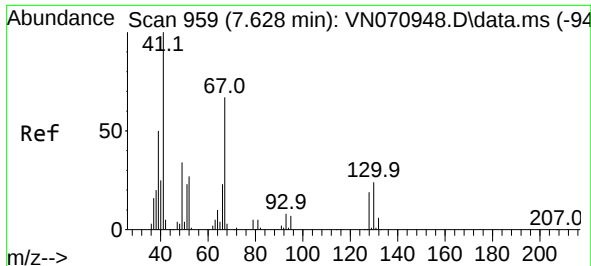
Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Tgt Ion: 78 Resp: 1546101

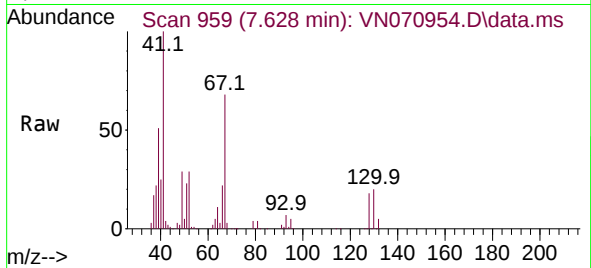
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





#41
Methacrylonitrile
Concen: 59.674 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

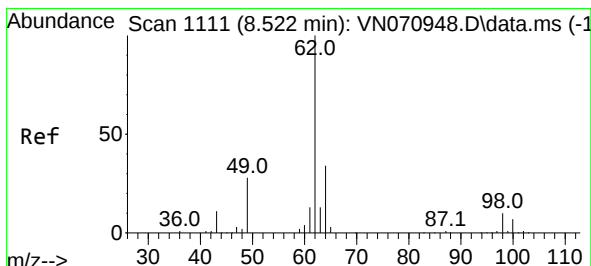
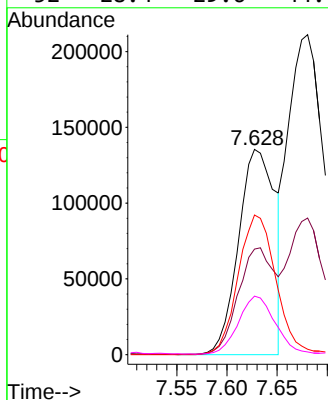
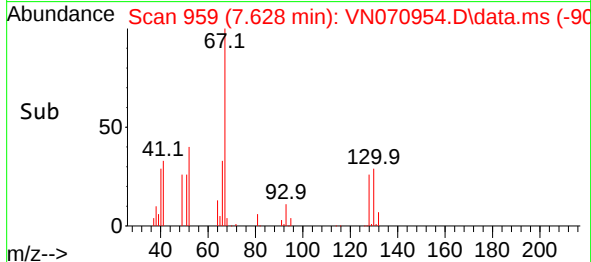
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 344086
Ion Ratio Lower Upper
41 100
39 51.6 48.1 72.1
67 70.9 68.3 102.5
52 28.4 29.6 44.4#

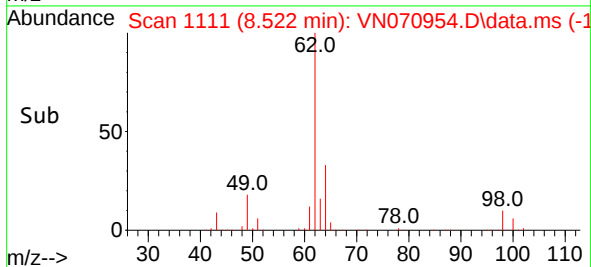
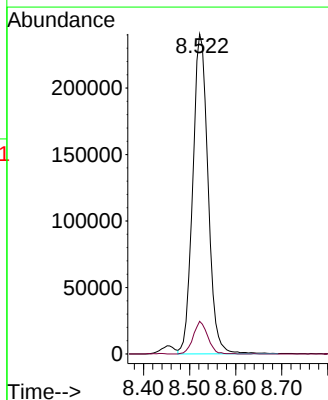
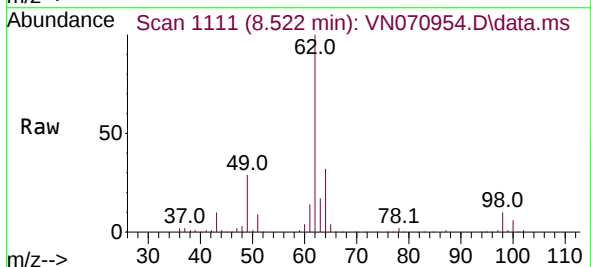
Manual Integrations
APPROVED

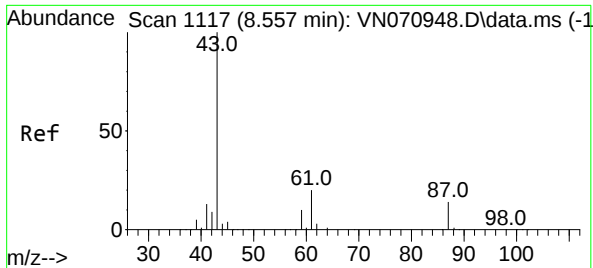
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 53.821 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

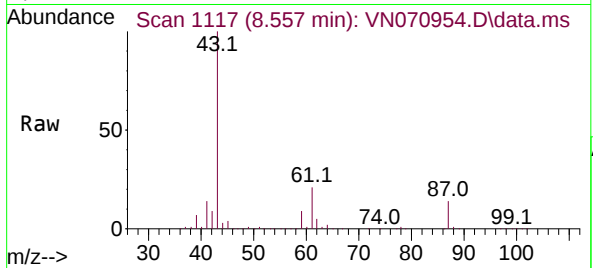
Tgt Ion: 62 Resp: 553501
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 56.563 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

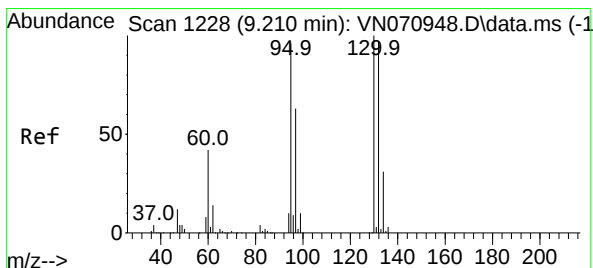
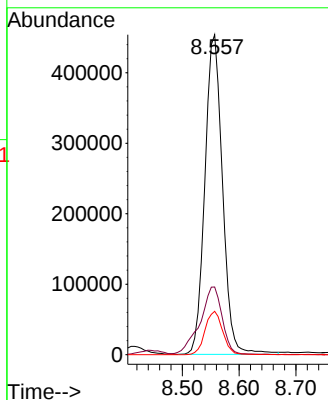
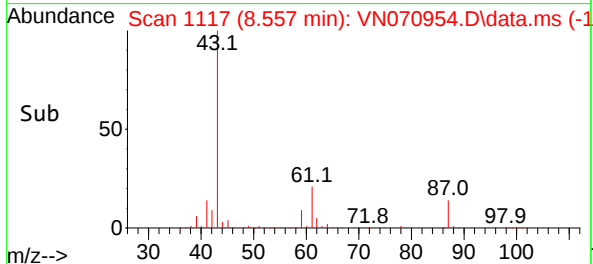
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 97608
Ion Ratio Lower Upper
43 100
61 26.7 20.4 30.6
87 13.5 11.2 16.8

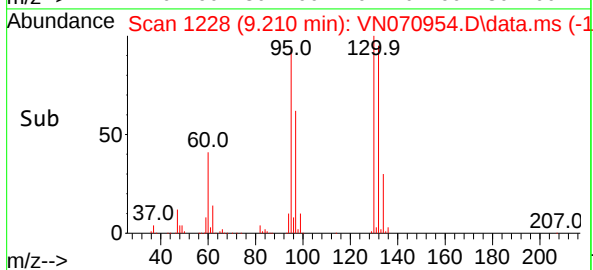
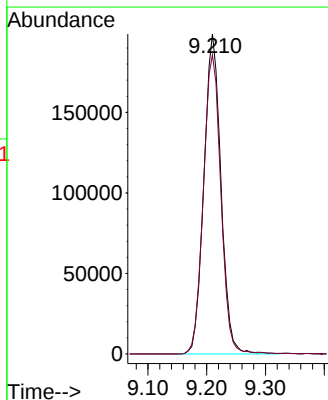
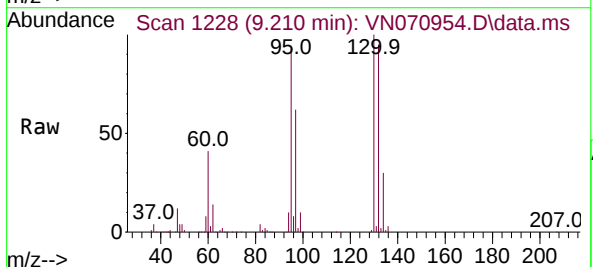
Manual Integrations
APPROVED

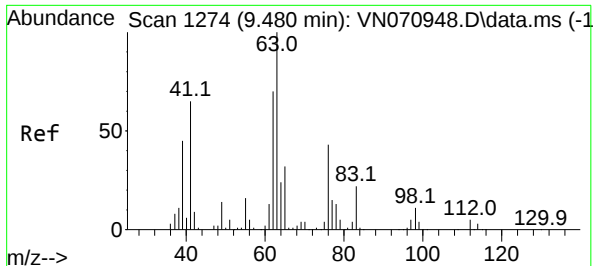
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 50.212 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Tgt Ion:130 Resp: 399262
Ion Ratio Lower Upper
130 100
95 93.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.643 ug/l

RT: 9.480 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 407189

Ion Ratio Lower Upper

63 100

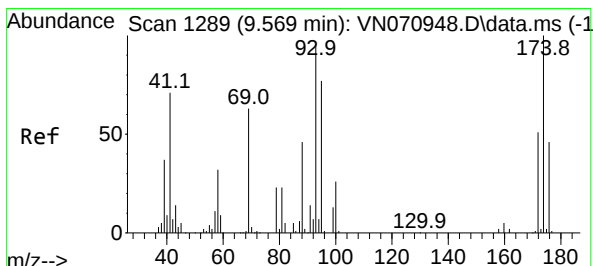
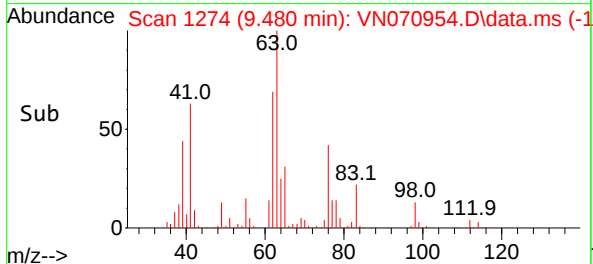
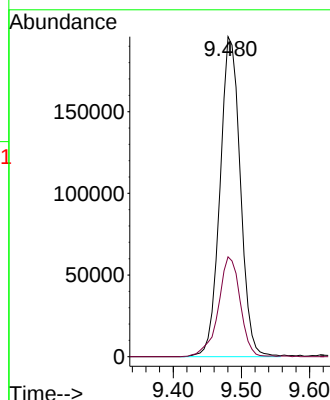
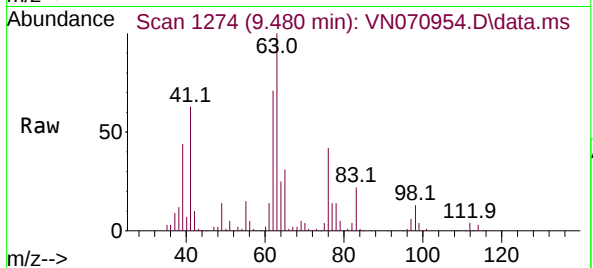
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 53.130 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

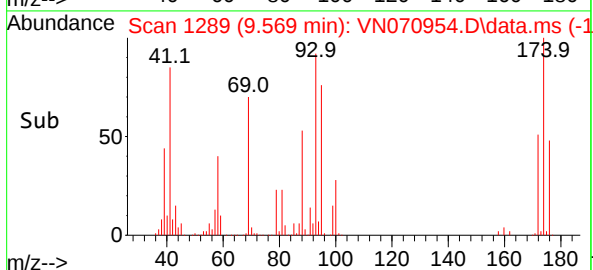
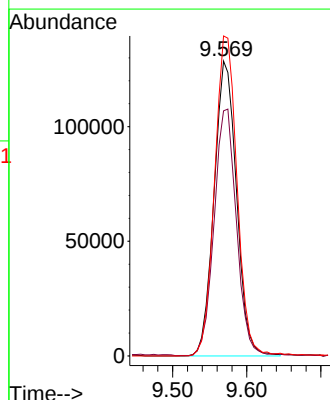
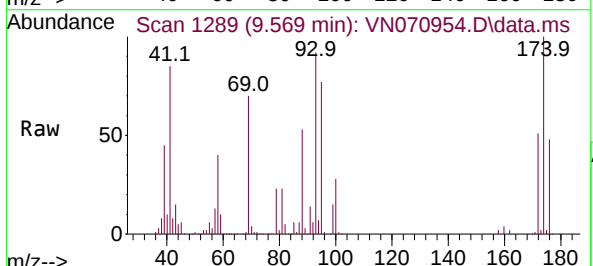
Tgt Ion: 93 Resp: 270444

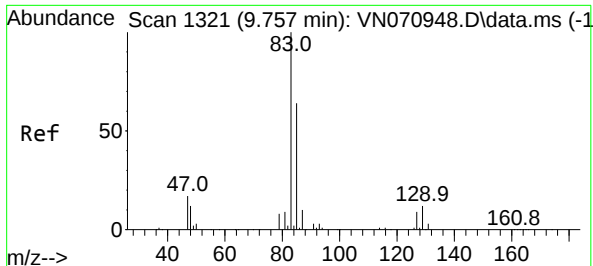
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

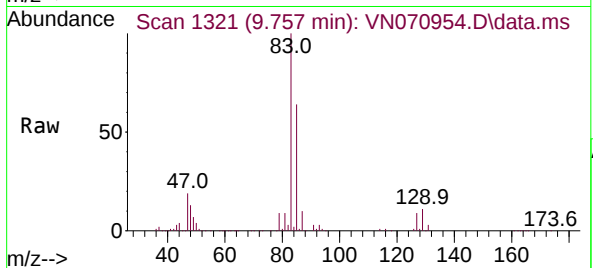
174 108.0 84.6 127.0





#47
Bromodichloromethane
Concen: 53.032 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

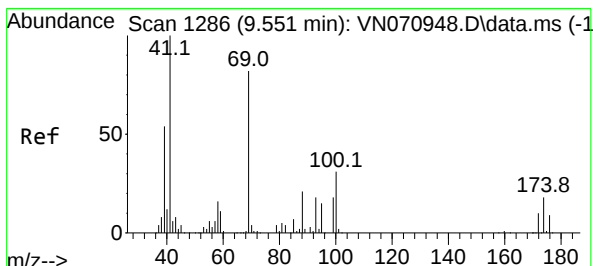
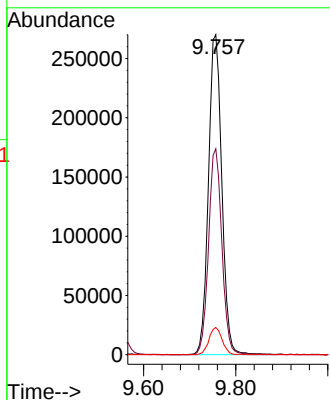
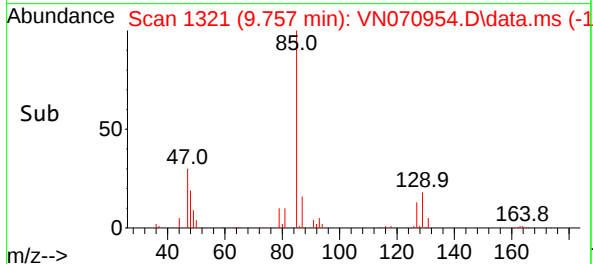
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



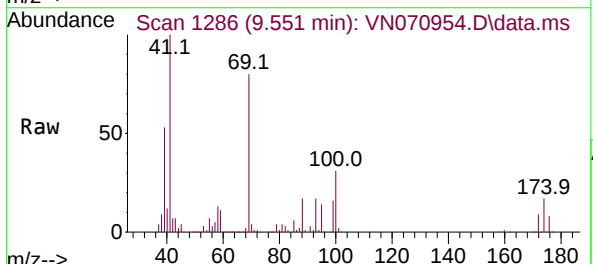
Tgt Ion: 83 Resp: 545570
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.5 7.1 10.7

Manual Integrations
APPROVED

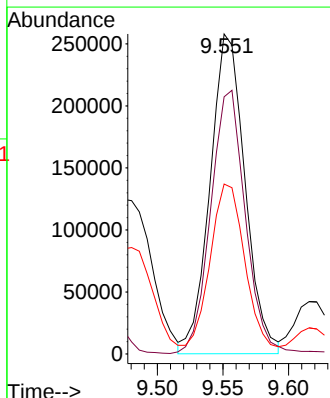
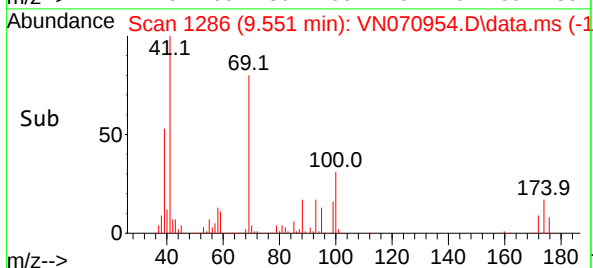
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

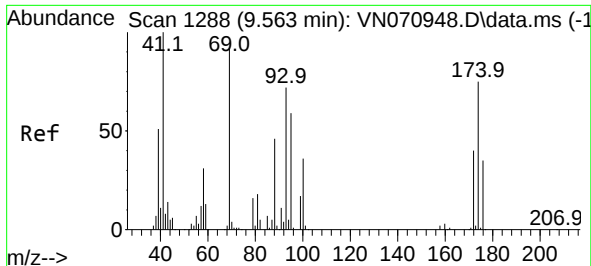


#48
Methyl methacrylate
Concen: 58.360 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion: 41 Resp: 476688
Ion Ratio Lower Upper
41 100
69 82.3 72.4 108.6
39 53.9 58.4 87.6#





#49

1,4-Dioxane

Concen: 1132.536 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 16430

Ion Ratio Lower Upper

88 100

43 29.5 23.4 35.2

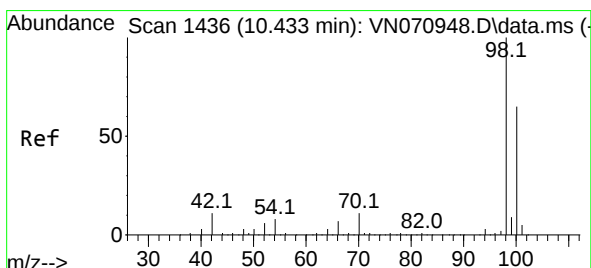
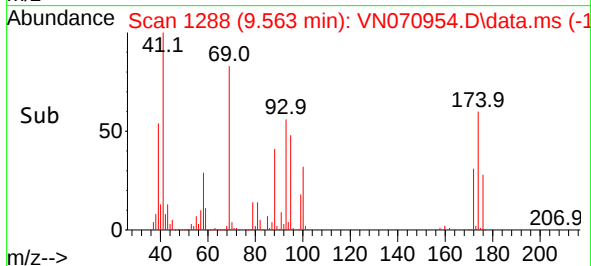
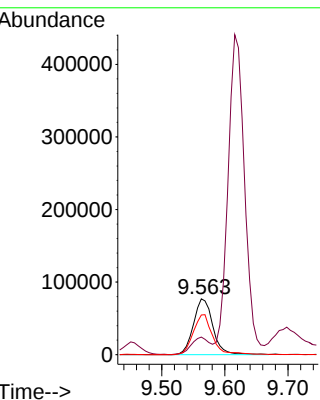
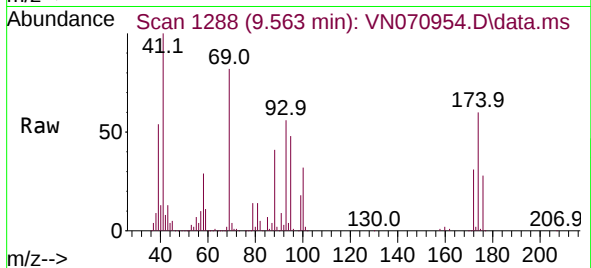
58 72.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 50.851 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.000 min

Lab File: VN070954.D

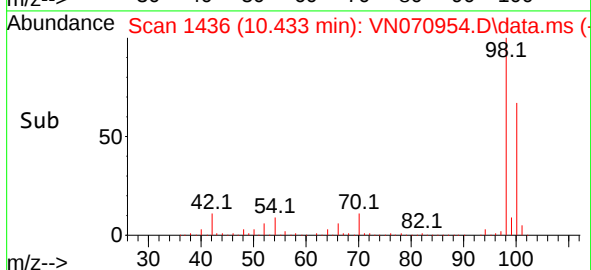
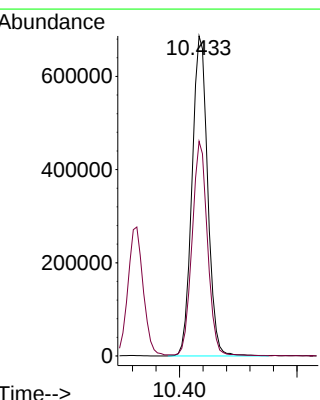
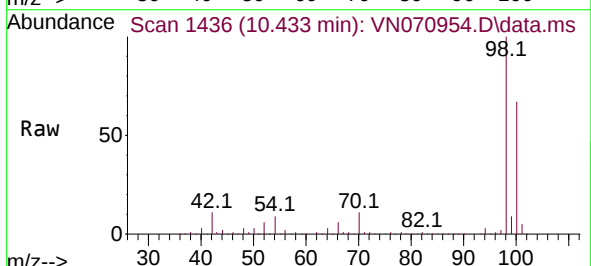
Acq: 16 Feb 2022 12:42

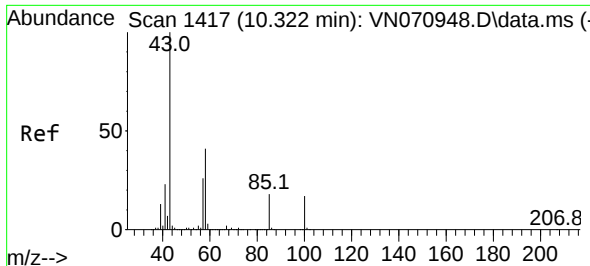
Tgt Ion: 98 Resp: 1272432

Ion Ratio Lower Upper

98 100

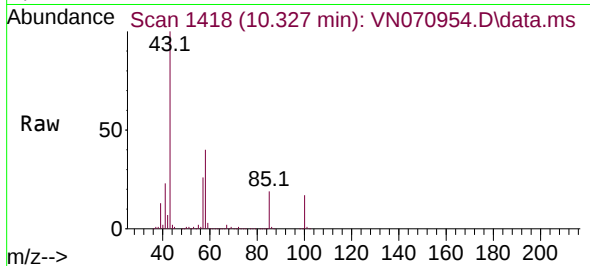
100 66.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 288.035 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

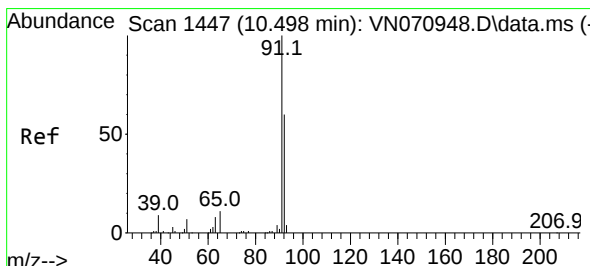
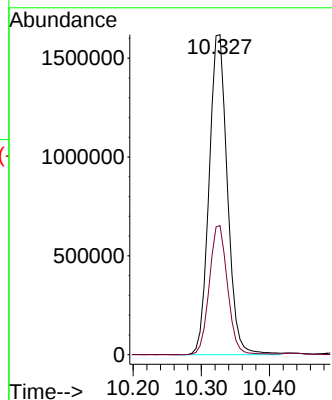
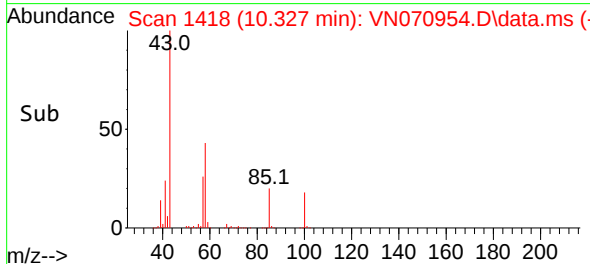
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



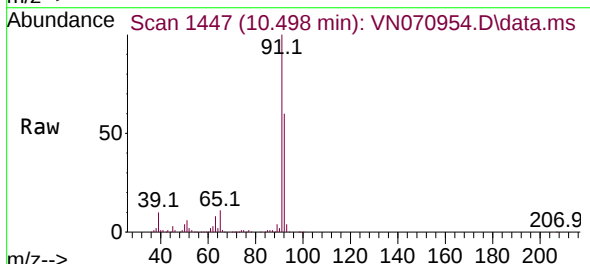
Tgt Ion: 43 Resp: 302416
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

Manual Integrations
APPROVED

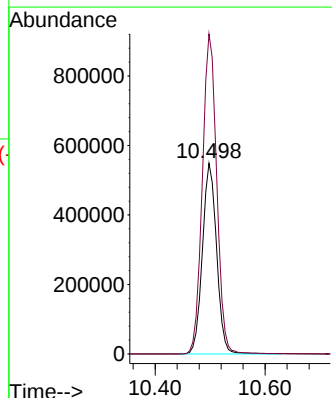
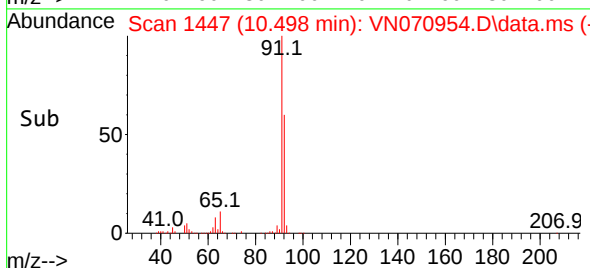
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

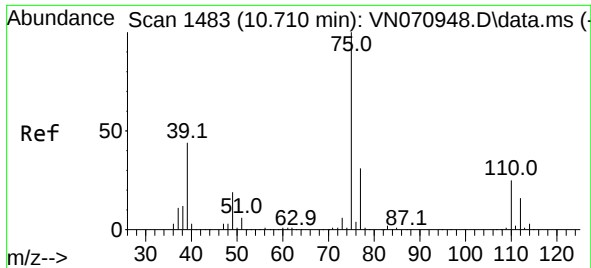


#52
Toluene
Concen: 51.790 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



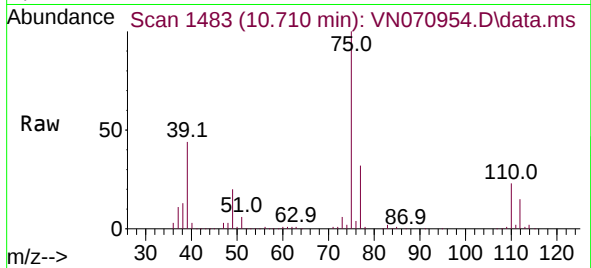
Tgt Ion: 92 Resp: 982676
Ion Ratio Lower Upper
92 100
91 170.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 55.791 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

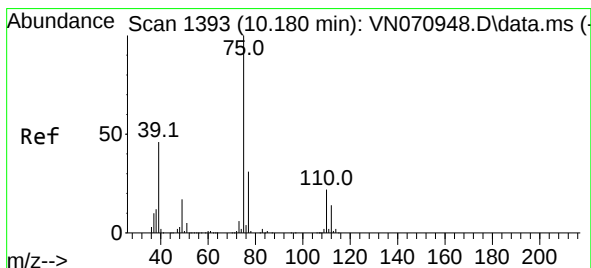
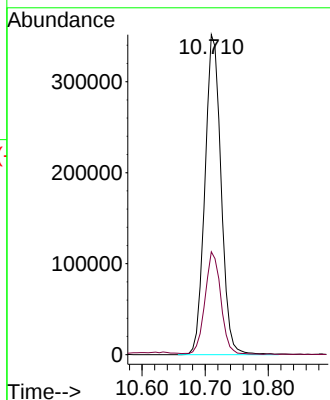
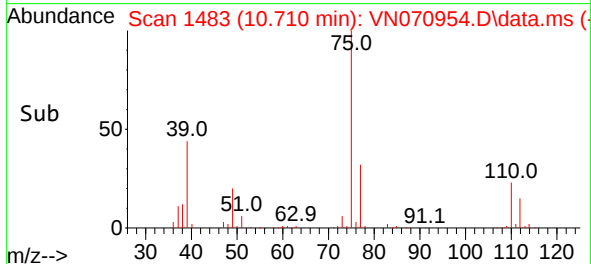
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



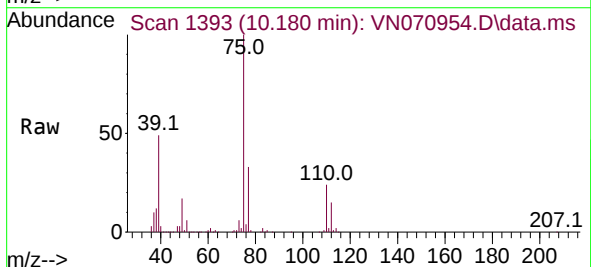
Tgt Ion: 75 Resp: 62410
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations
APPROVED

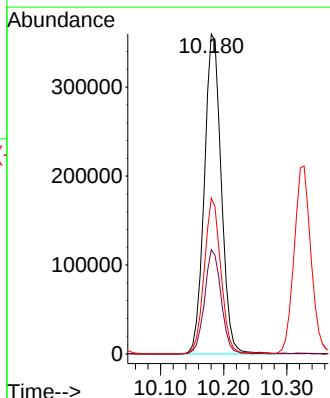
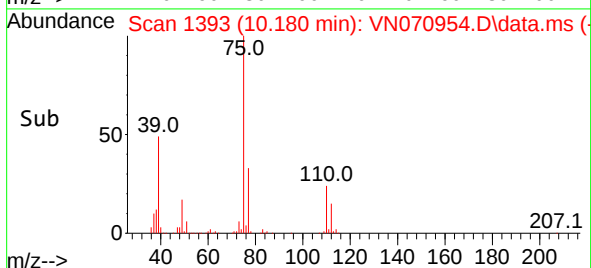
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

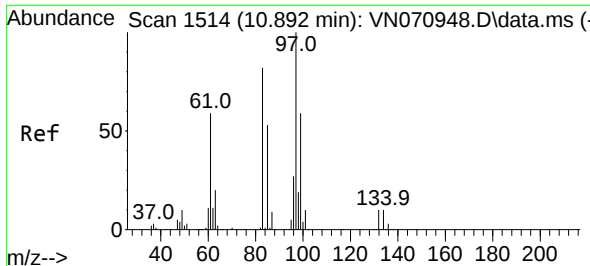


#54
cis-1,3-Dichloropropene
Concen: 54.671 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



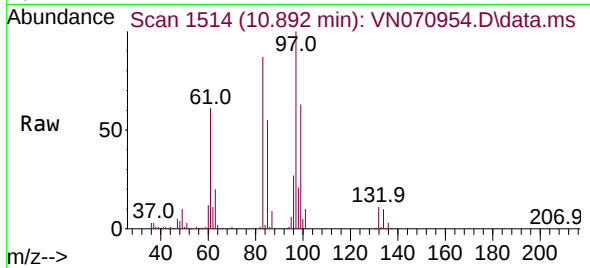
Tgt Ion: 75 Resp: 671631
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
39 48.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.771 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

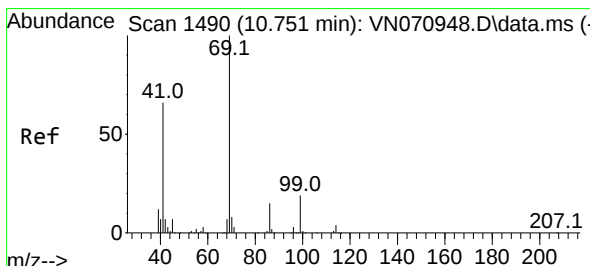
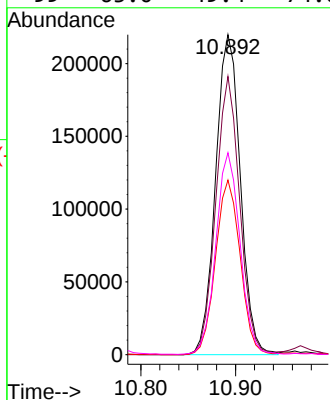
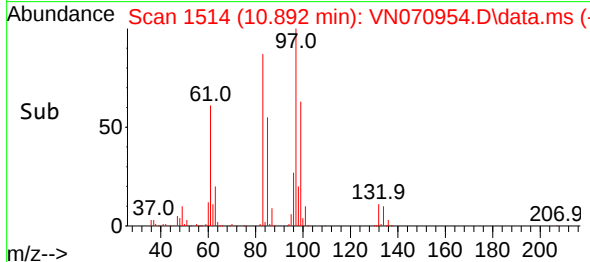
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



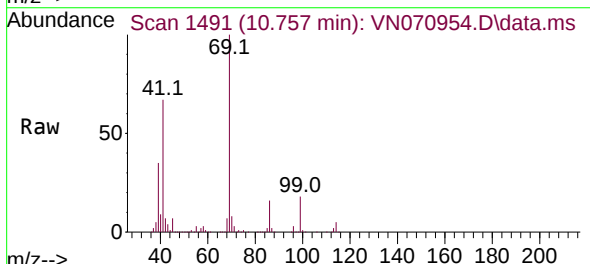
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.8	101.6
85	54.6	45.4	68.2
99	63.0	49.4	74.0

Manual Integrations
APPROVED

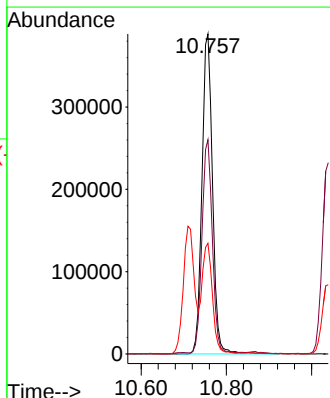
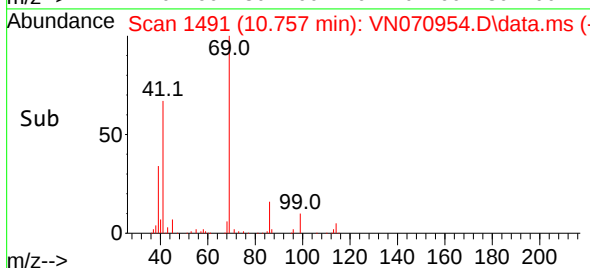
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

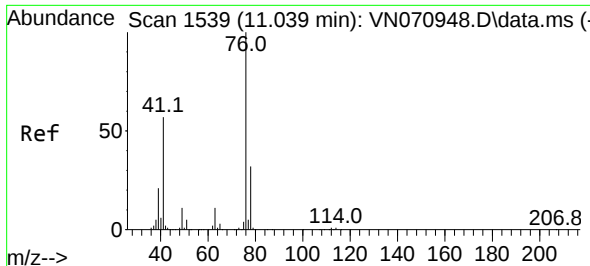


#56
Ethyl methacrylate
Concen: 59.633 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.4	77.0
39	34.0	34.6	52.0





#57

1,3-Dichloropropane

Concen: 54.069 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN070954.D

Acq: 16 Feb 2022 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 694610

Ion Ratio Lower Upper

76 100

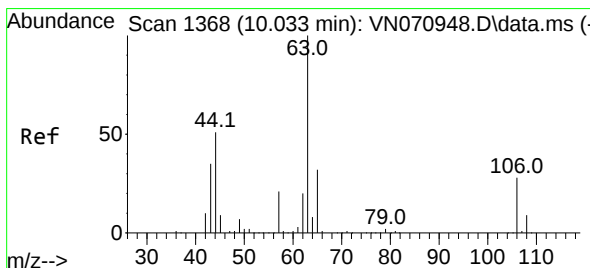
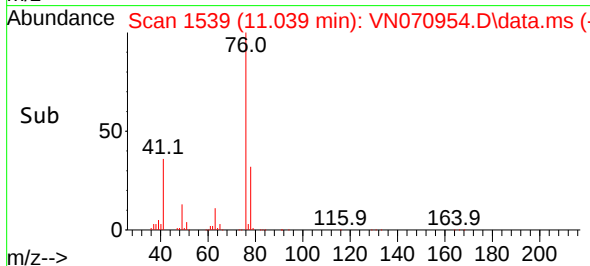
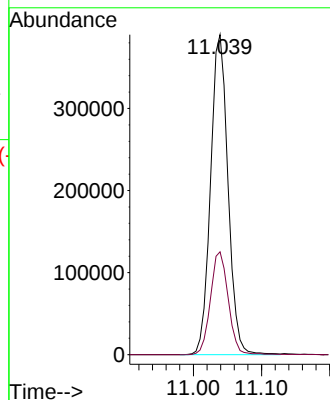
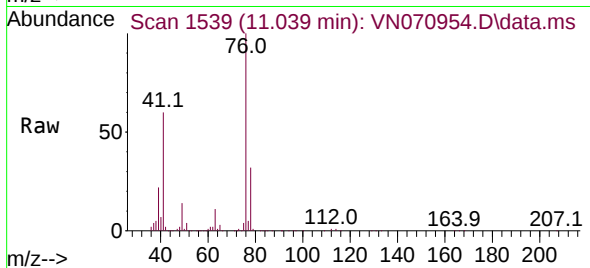
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 241.301 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN070954.D

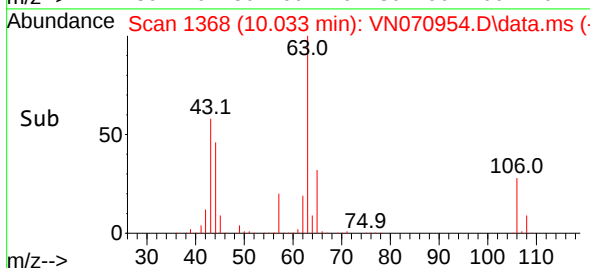
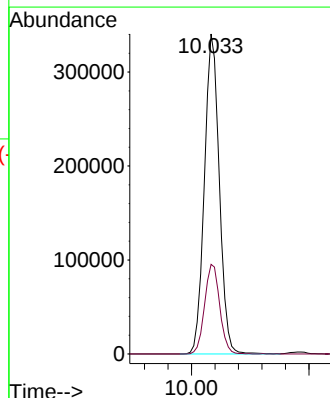
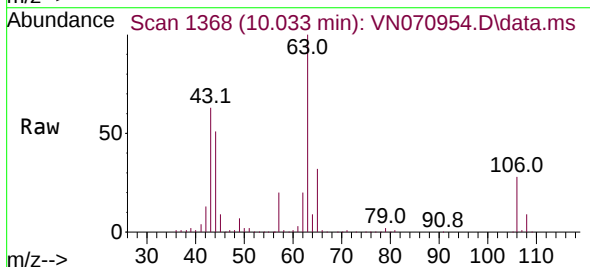
Acq: 16 Feb 2022 12:42

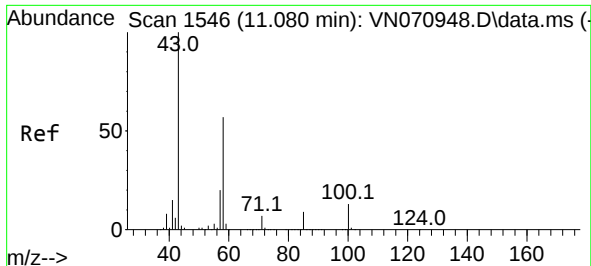
Tgt Ion: 63 Resp: 597486

Ion Ratio Lower Upper

63 100

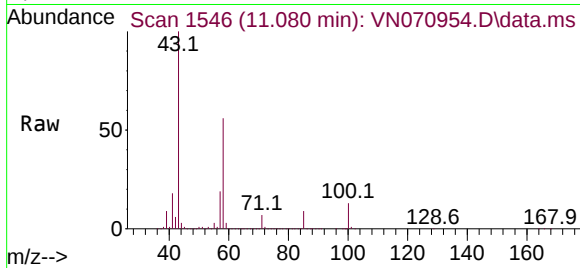
106 28.4 23.9 35.9





#59
2-Hexanone
Concen: 297.442 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

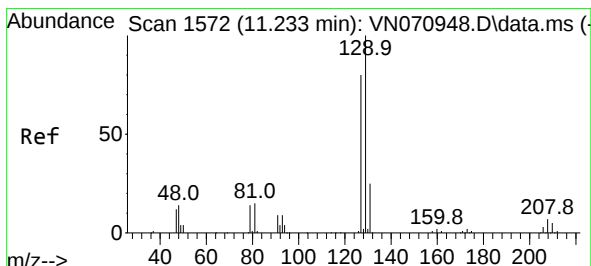
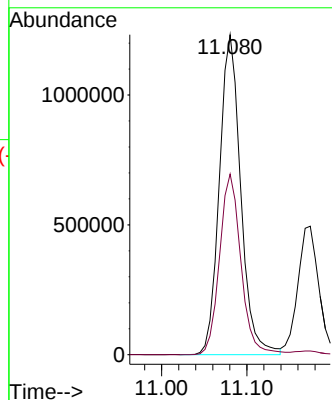
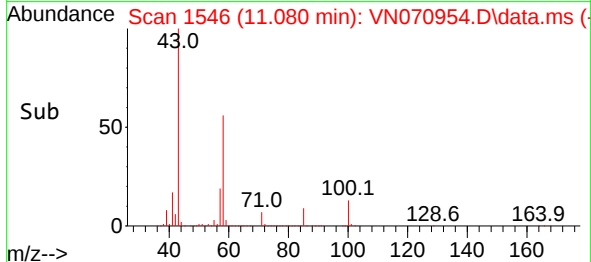
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2147808
Ion Ratio Lower Upper
43 100
58 56.5 26.9 80.7

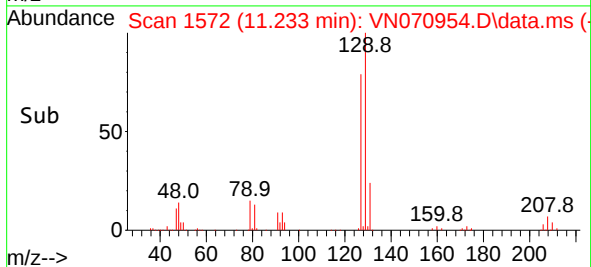
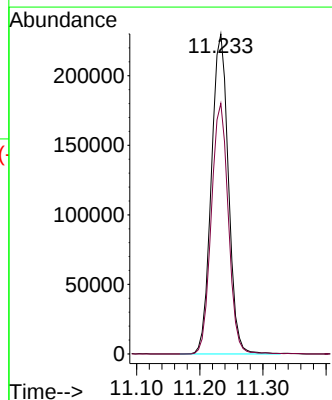
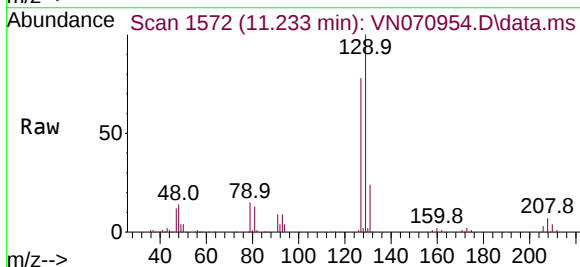
Manual Integrations
APPROVED

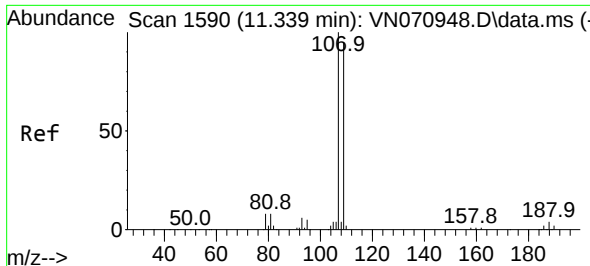
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 54.942 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

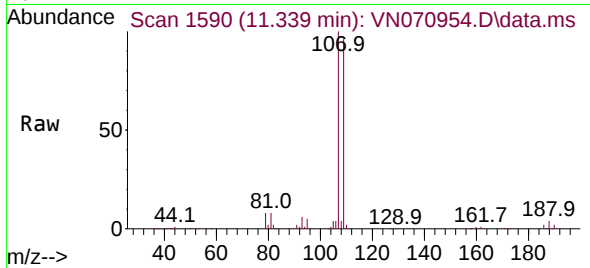
Tgt Ion:129 Resp: 431244
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.666 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

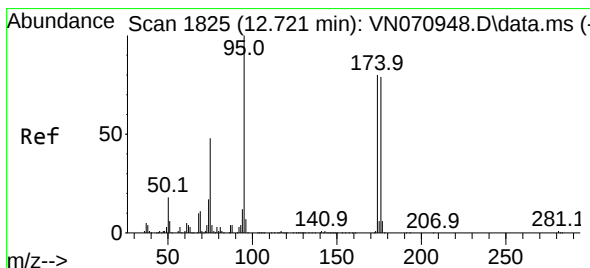
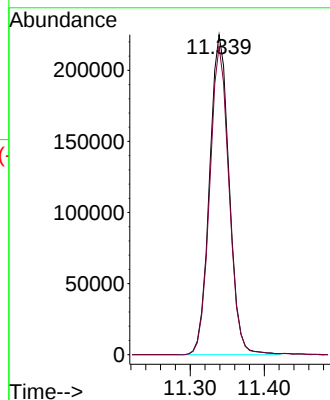
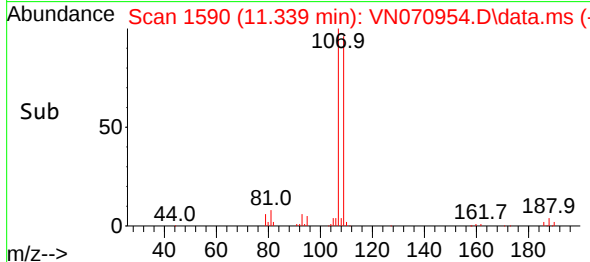
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



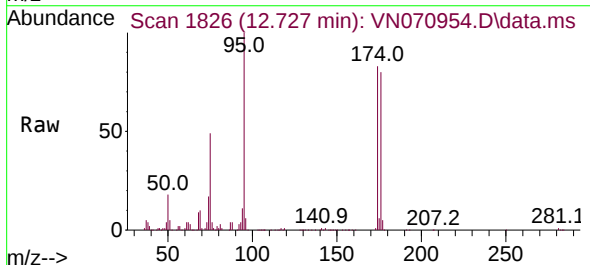
Tgt Ion:107 Resp: 412969
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
APPROVED

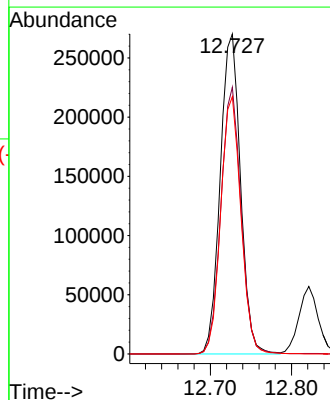
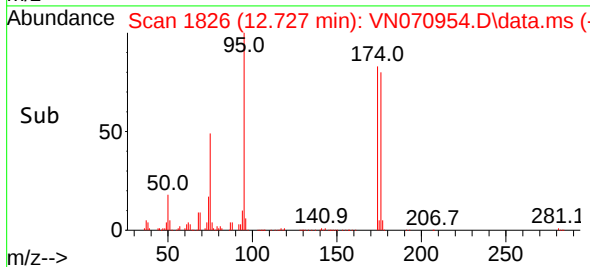
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

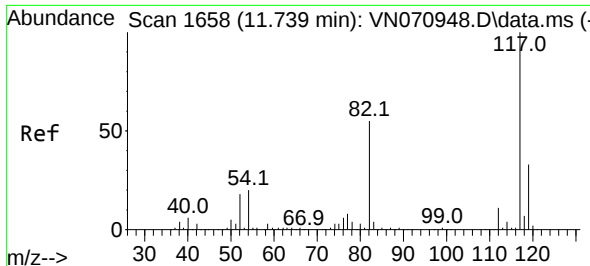


#62
4-Bromofluorobenzene
Concen: 52.516 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



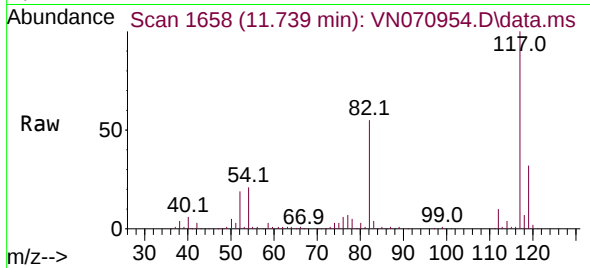
Tgt Ion: 95 Resp: 469717
Ion Ratio Lower Upper
95 100
174 82.4 0.0 187.2
176 80.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

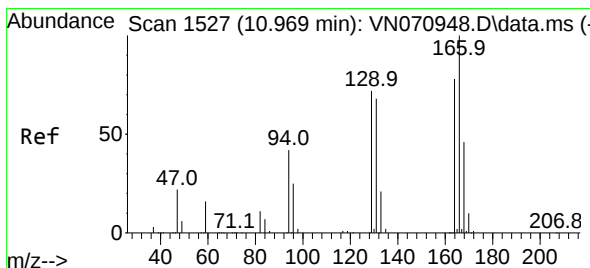
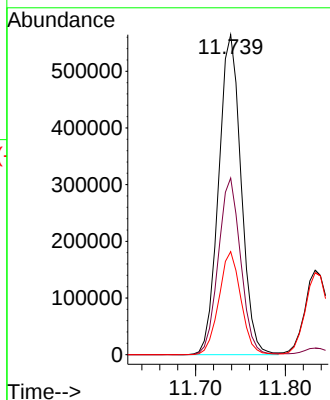
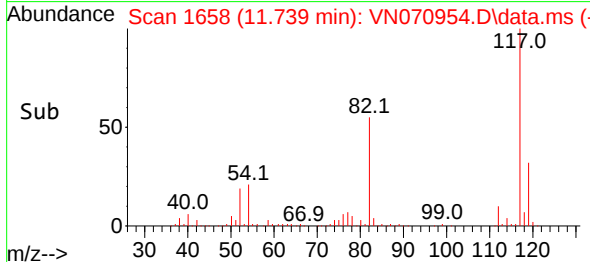
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 981633
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 32.2 25.4 38.2

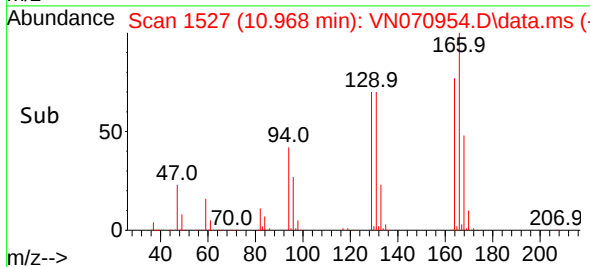
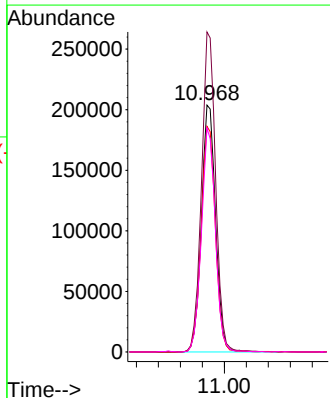
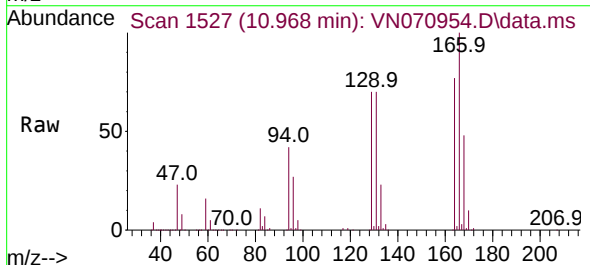
Manual Integrations
APPROVED

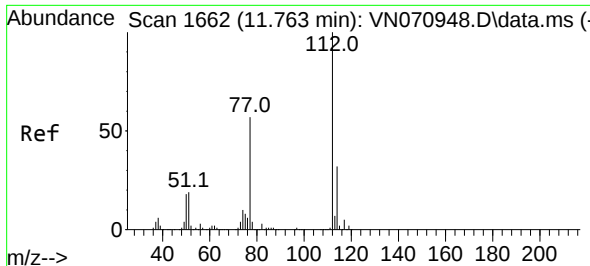
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#64
Tetrachloroethene
Concen: 47.761 ug/l
RT: 10.968 min Scan# 1527
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

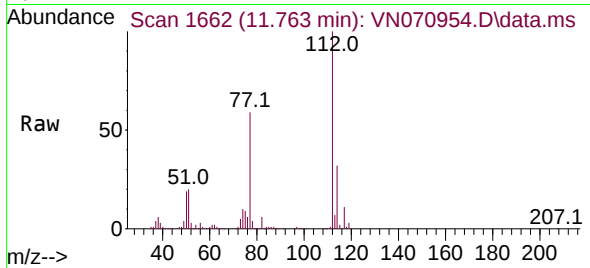
Tgt Ion:164 Resp: 365128
Ion Ratio Lower Upper
164 100
166 129.6 101.9 152.9
129 91.4 72.0 108.0
131 90.7 70.9 106.3





#65
Chlorobenzene
Concen: 50.005 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

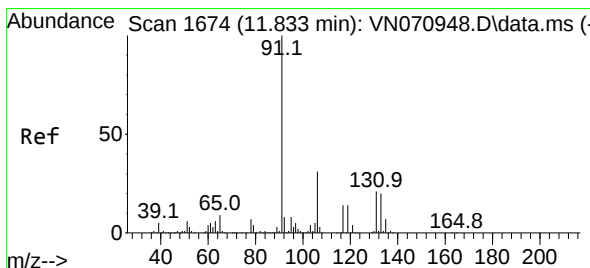
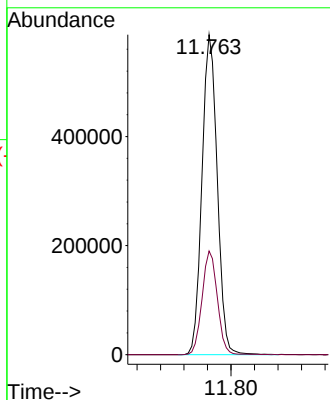
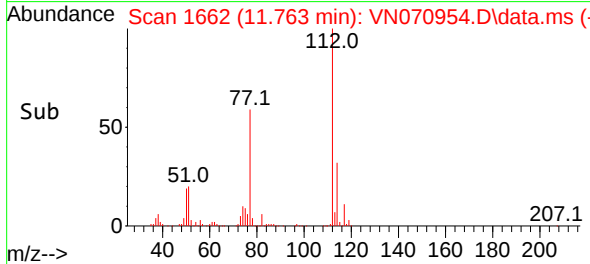
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



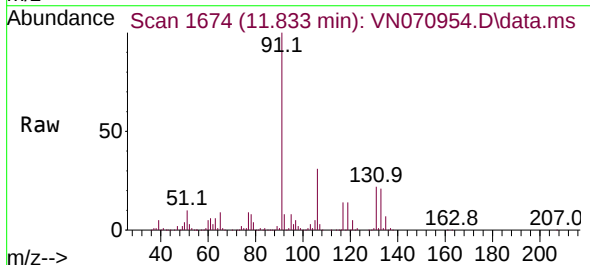
Tgt Ion:112 Resp: 1057738
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

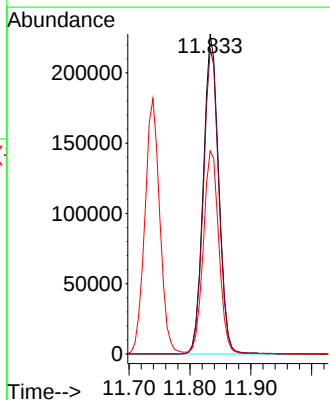
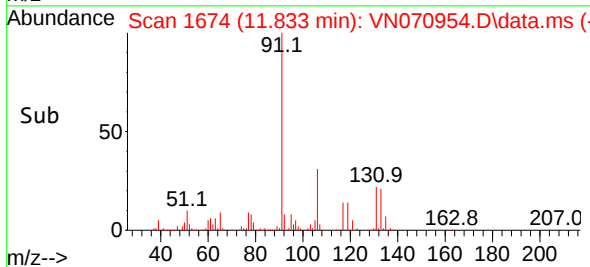
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

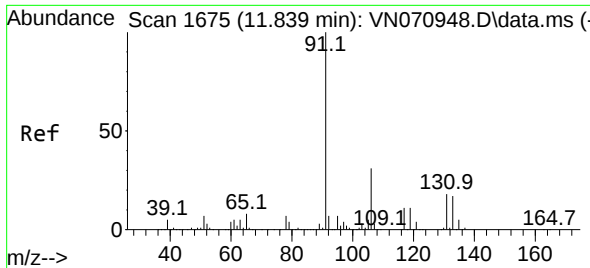


#66
1,1,1,2-Tetrachloroethane
Concen: 51.725 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



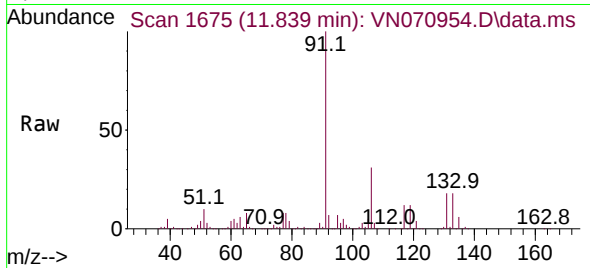
Tgt Ion:131 Resp: 398826
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 50.985 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

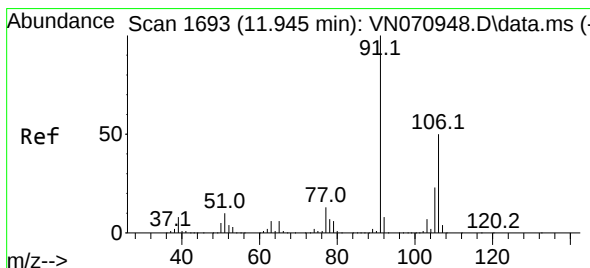
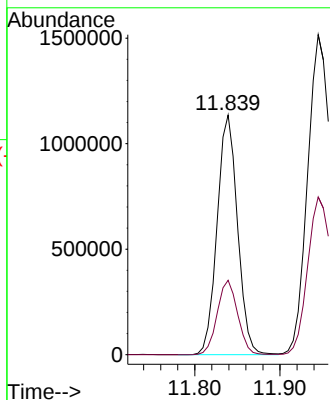
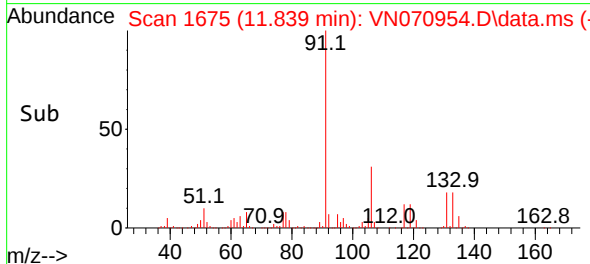
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



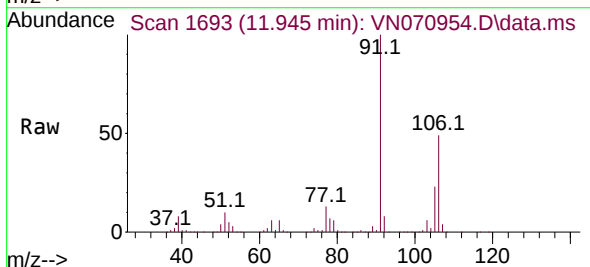
Tgt Ion: 91 Resp: 1887570
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5

Manual Integrations
APPROVED

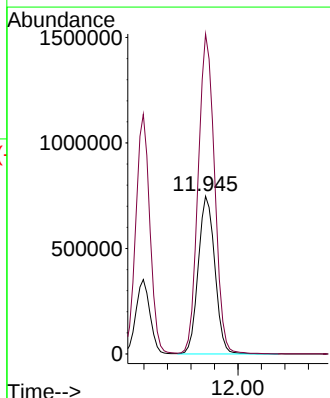
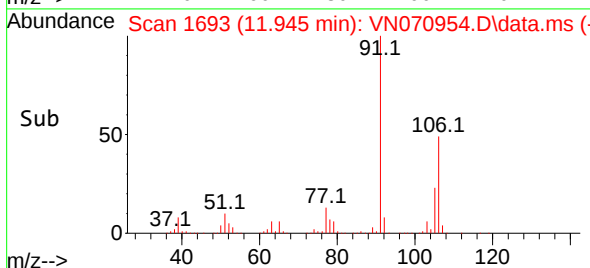
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

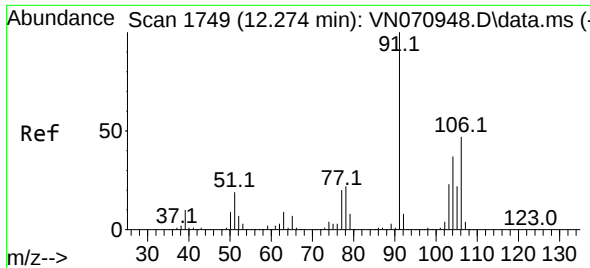


#68
m/p-Xylenes
Concen: 102.392 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion:106 Resp: 1464255
Ion Ratio Lower Upper
106 100
91 201.4 160.6 240.8





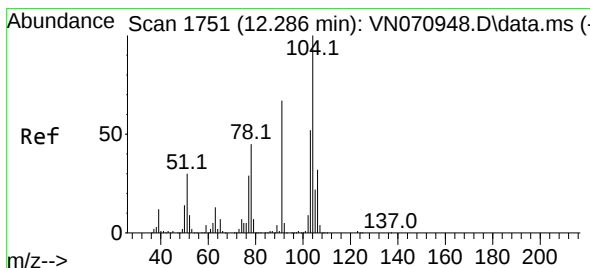
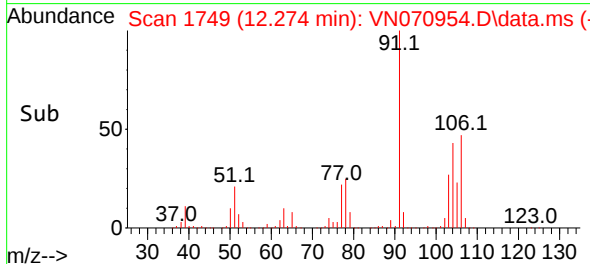
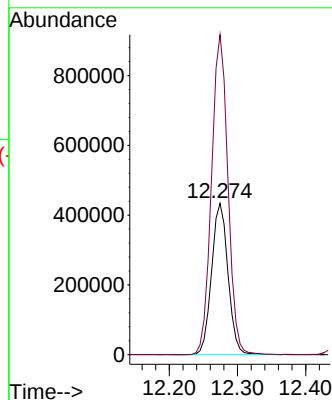
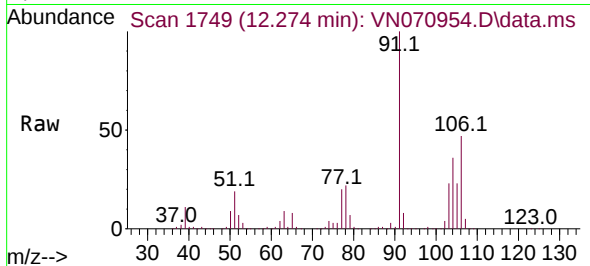
#69
o-Xylene
Concen: 52.028 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 726810
Ion Ratio Lower Upper
106 100
91 211.8 105.8 317.3

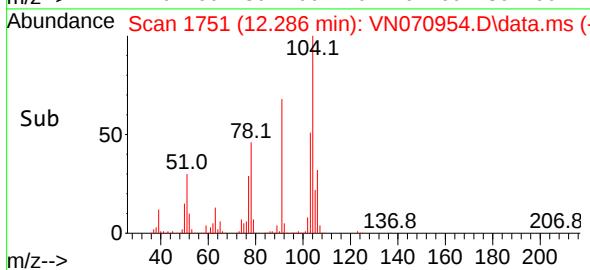
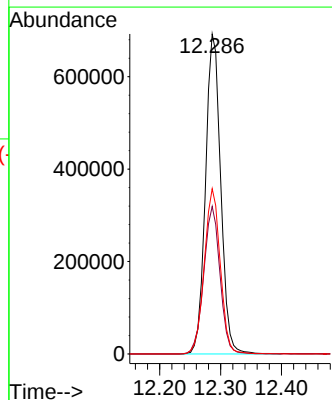
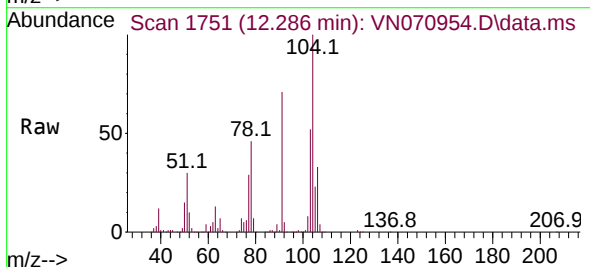
Manual Integrations
APPROVED

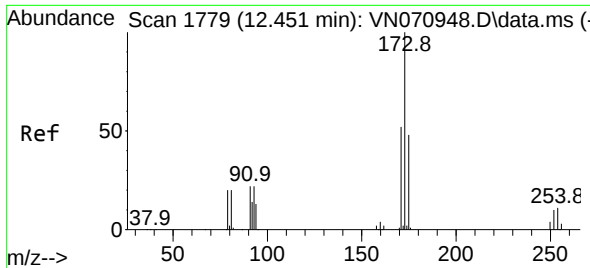
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 54.044 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

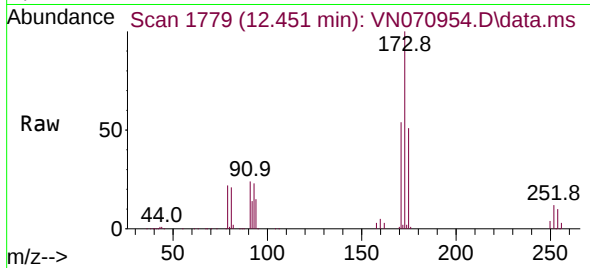
Tgt Ion:104 Resp: 1200460
Ion Ratio Lower Upper
104 100
78 49.2 38.7 58.1
103 54.4 45.0 67.6





#71
Bromoform
Concen: 54.549 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

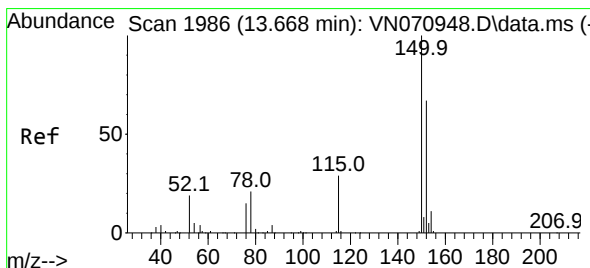
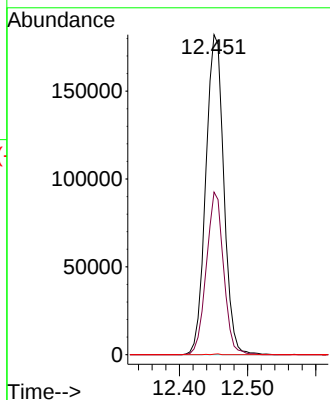
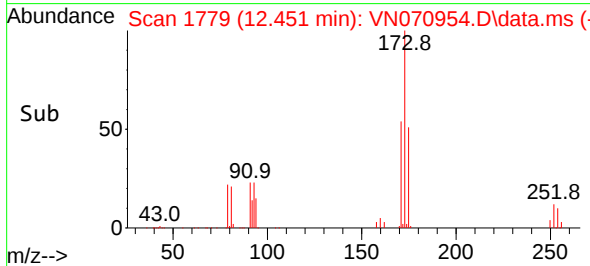
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



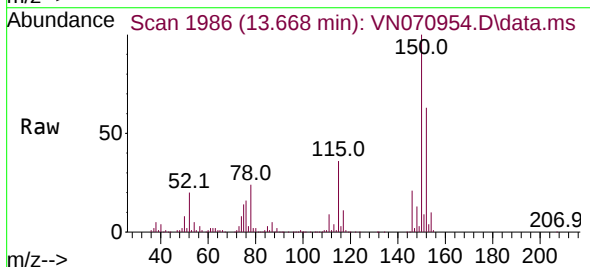
Tgt Ion:173 Resp: 334980
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

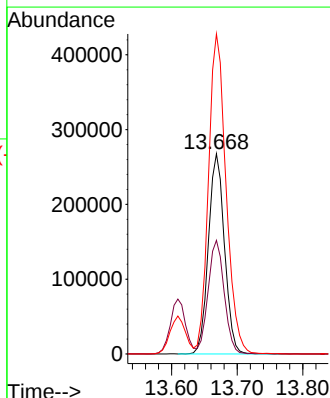
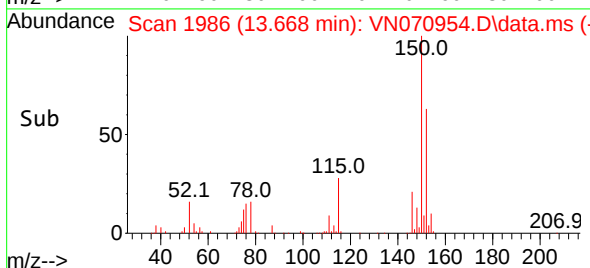
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

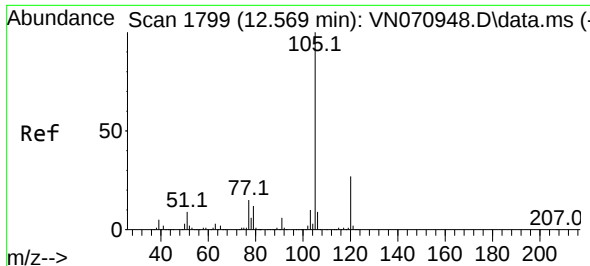


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



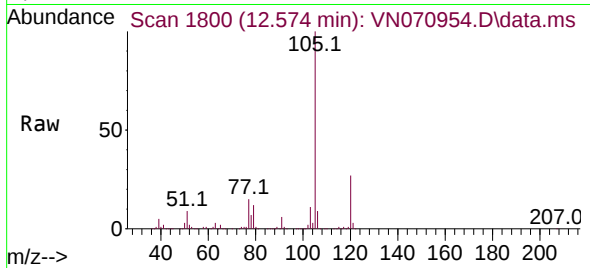
Tgt Ion:152 Resp: 455439
Ion Ratio Lower Upper
152 100
115 56.8 27.5 82.5
150 175.0 0.0 344.4





#73
Isopropylbenzene
Concen: 50.813 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

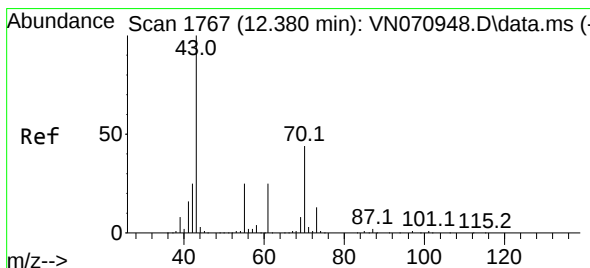
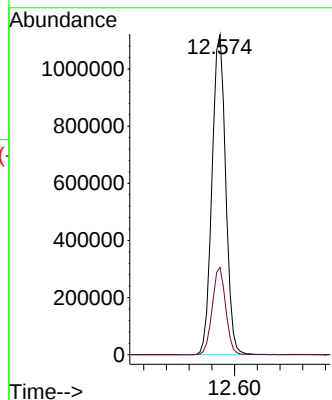
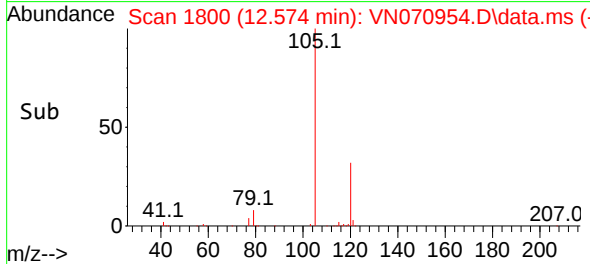
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 186274
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

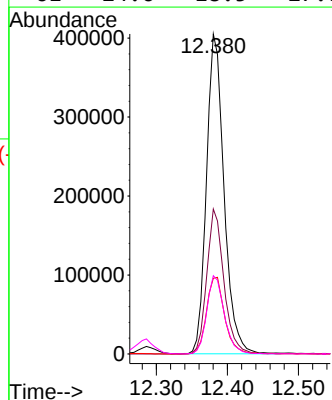
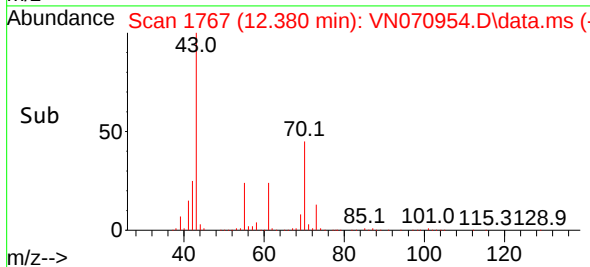
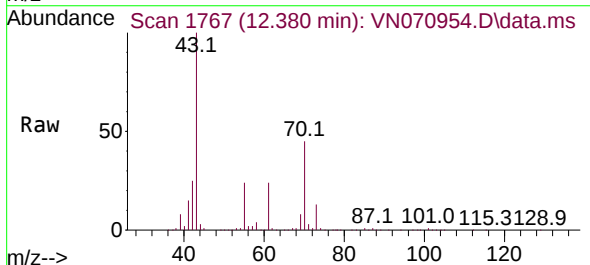
Manual Integrations
APPROVED

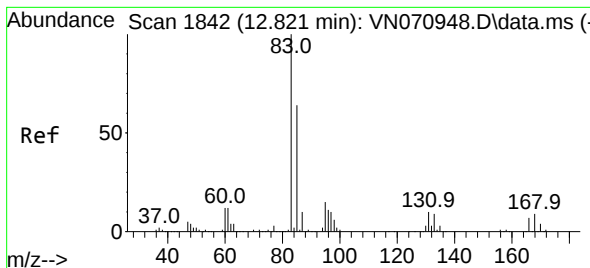
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 59.445 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

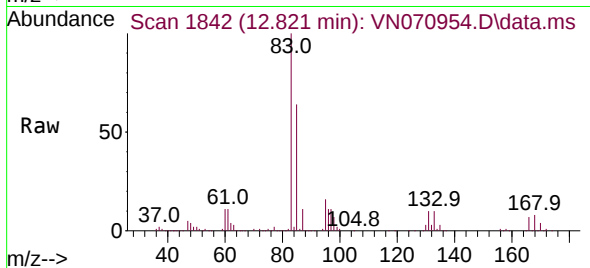
Tgt Ion: 43 Resp: 696585
Ion Ratio Lower Upper
43 100
70 44.3 33.4 50.0
55 24.9 19.3 28.9
61 24.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.478 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

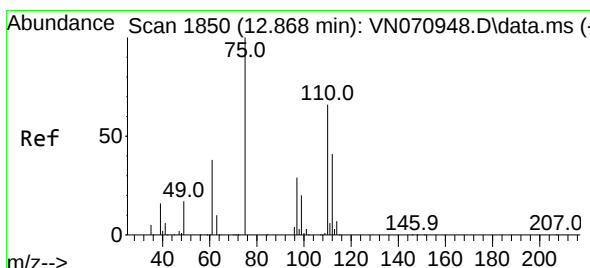
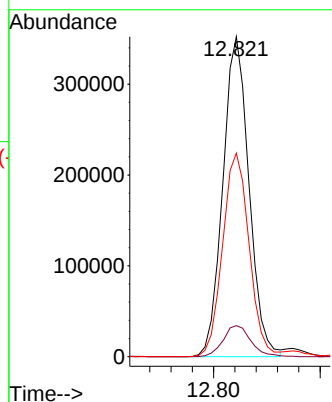
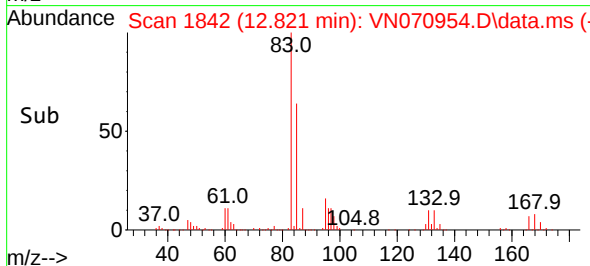
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



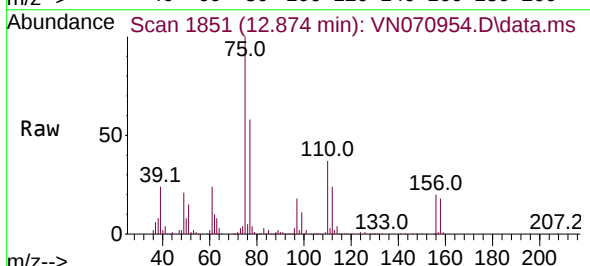
Tgt Ion: 83 Resp: 599670
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
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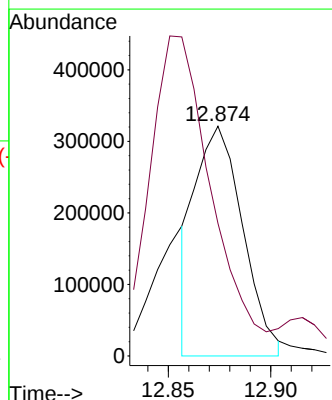
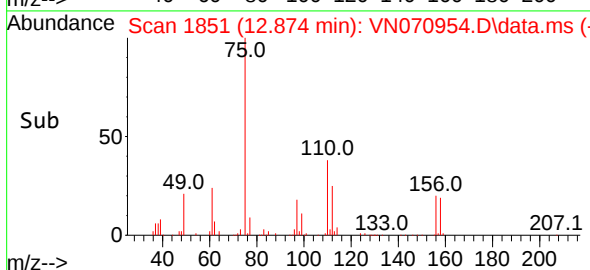
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

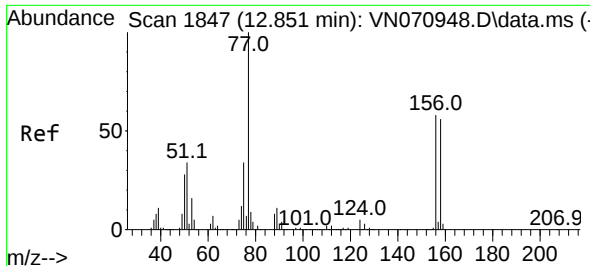


#76
1,2,3-Trichloropropane
Concen: 48.297 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



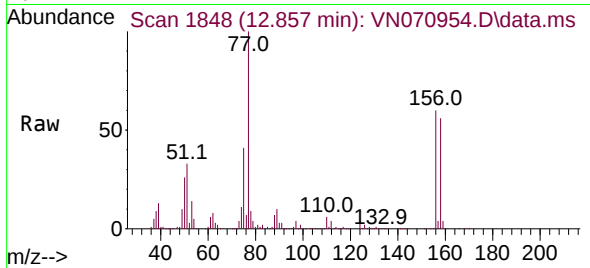
Tgt Ion: 75 Resp: 517908
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 51.755 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

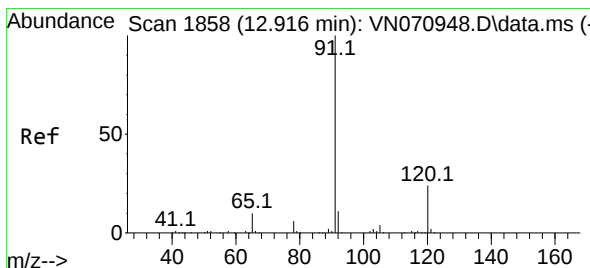
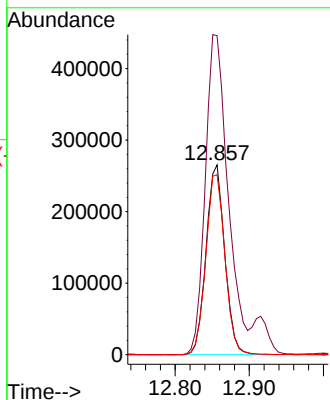
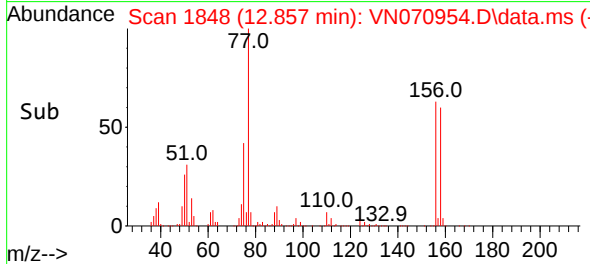
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 464454
Ion Ratio Lower Upper
156 100
77 203.6 90.6 271.8
158 97.1 48.9 146.7

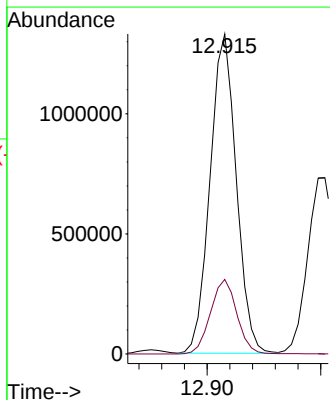
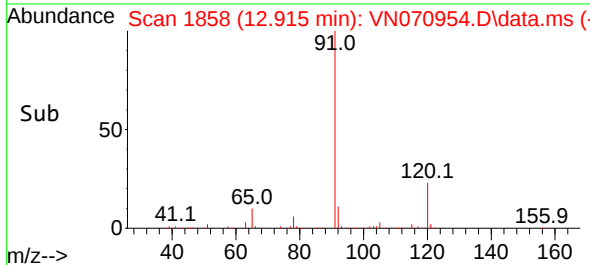
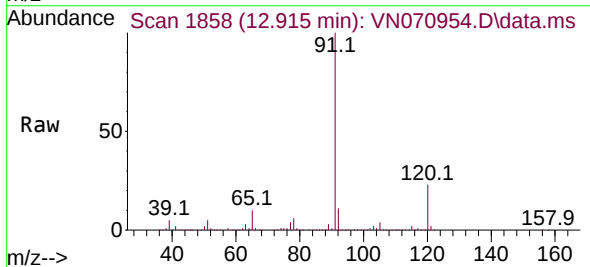
Manual Integrations
APPROVED

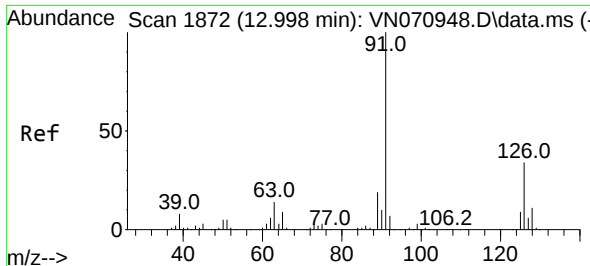
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 51.785 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Tgt Ion: 91 Resp: 2132909
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9





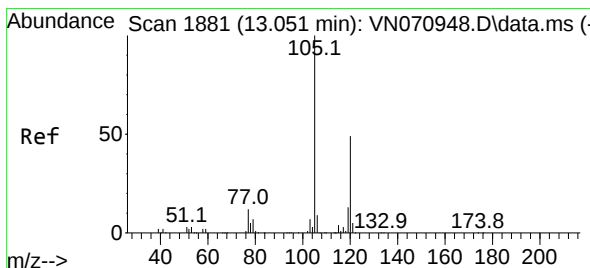
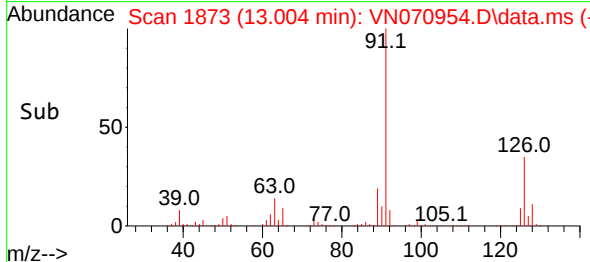
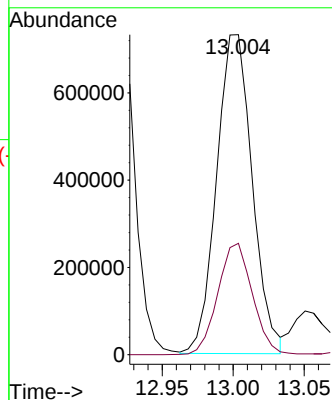
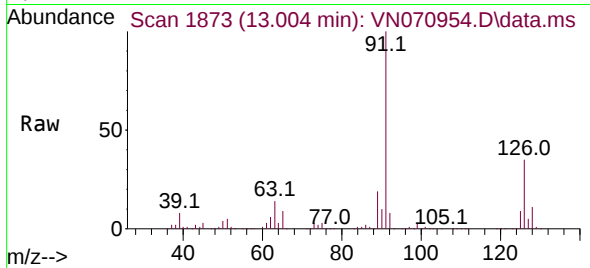
#79
2-Chlorotoluene
Concen: 51.106 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 127832
Ion Ratio Lower Upper
91 100
126 33.9 18.3 54.8

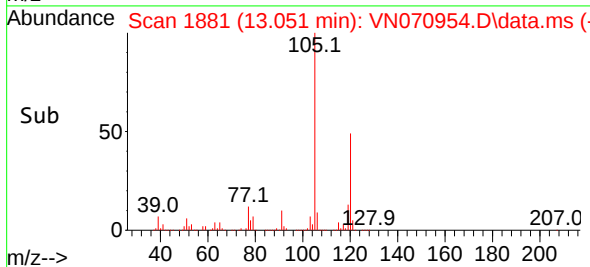
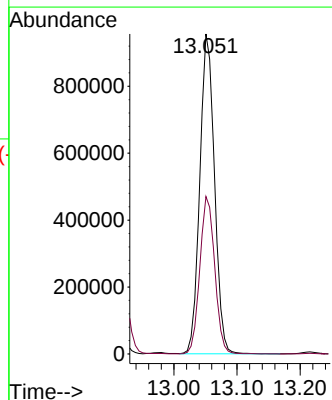
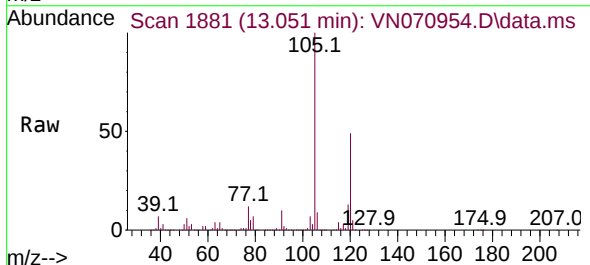
Manual Integrations
APPROVED

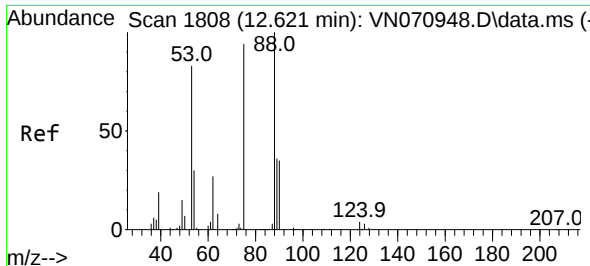
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.875 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

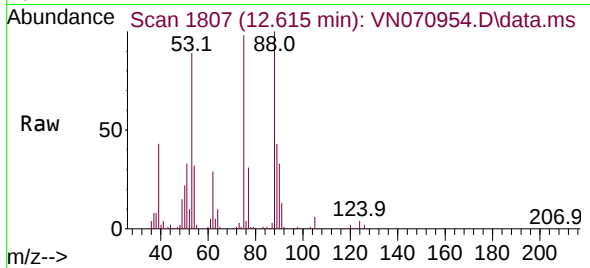
Tgt Ion:105 Resp: 1540649
Ion Ratio Lower Upper
105 100
120 50.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.248 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

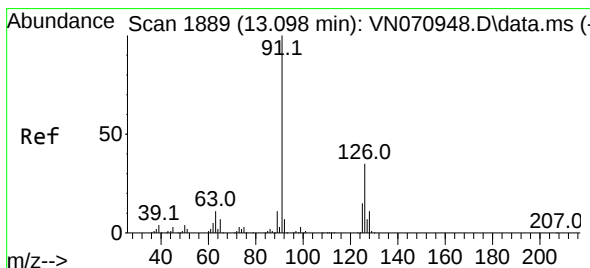
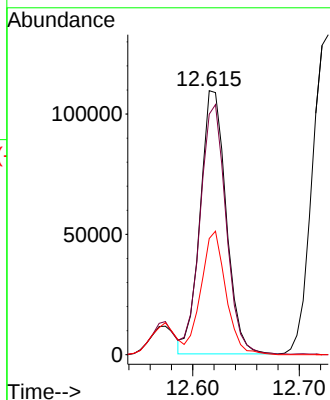
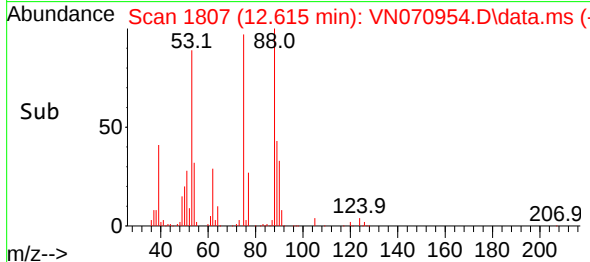
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 18613
Ion Ratio Lower Upper
75 100
53 95.2 90.5 135.7
89 44.7 38.2 57.4

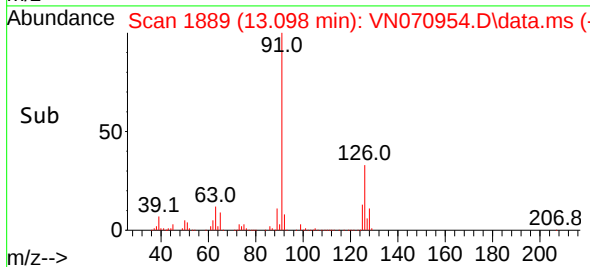
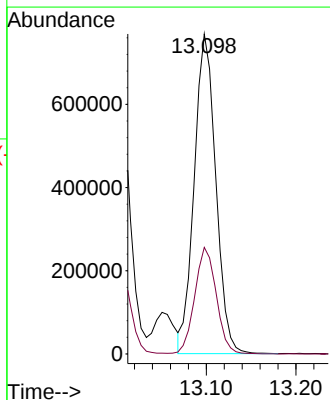
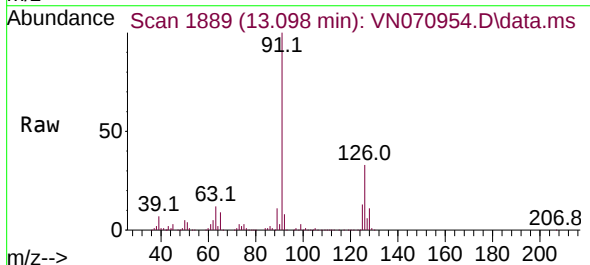
Manual Integrations
APPROVED

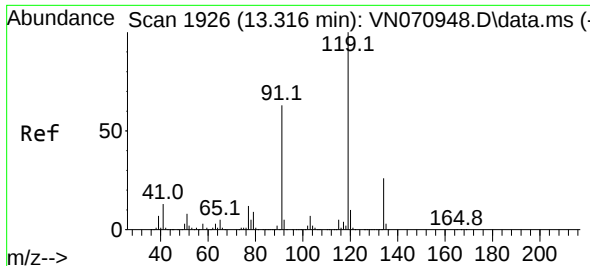
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 52.727 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

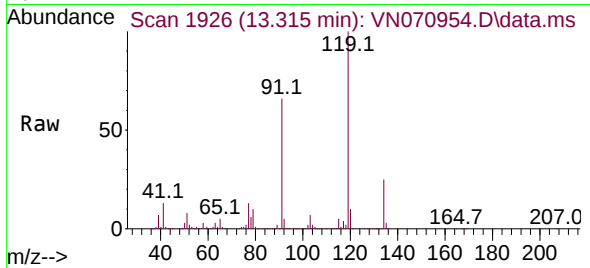
Tgt Ion: 91 Resp: 1280222
Ion Ratio Lower Upper
91 100
126 33.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.579 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

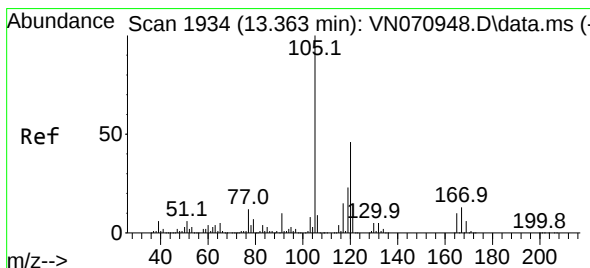
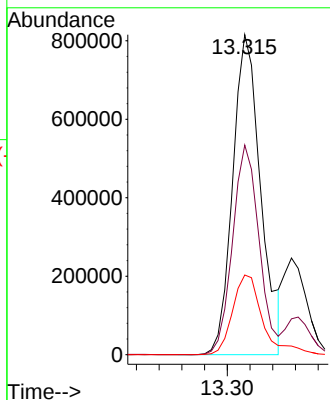
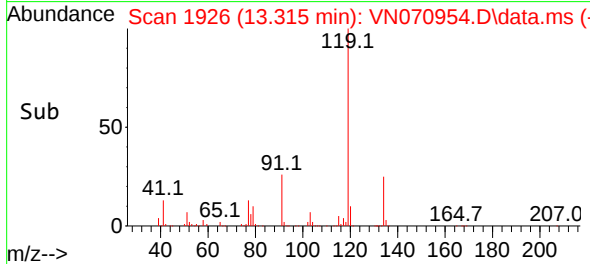
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



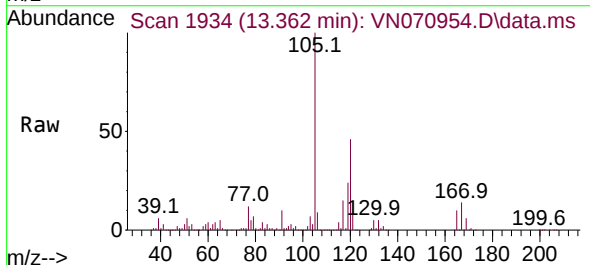
Tgt Ion:119 Resp: 139644
Ion Ratio Lower Upper
119 100
91 62.1 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

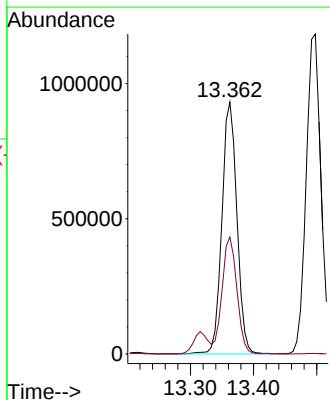
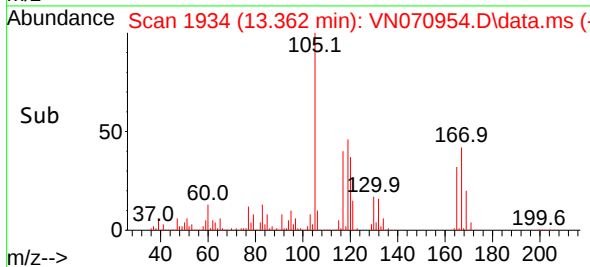
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

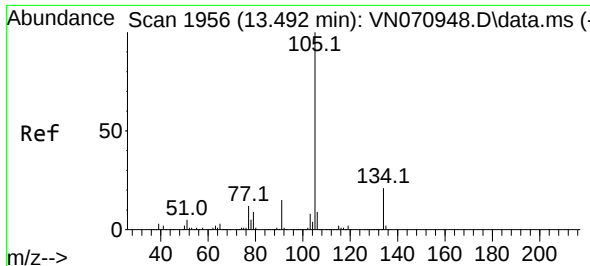


#84
1,2,4-Trimethylbenzene
Concen: 52.532 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion:105 Resp: 1535797
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4





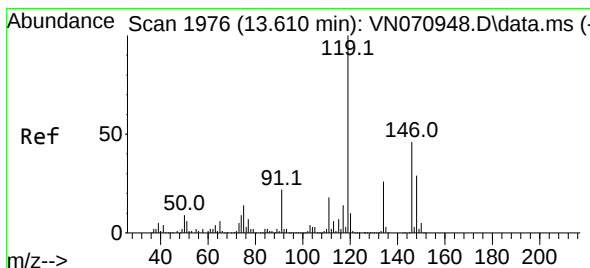
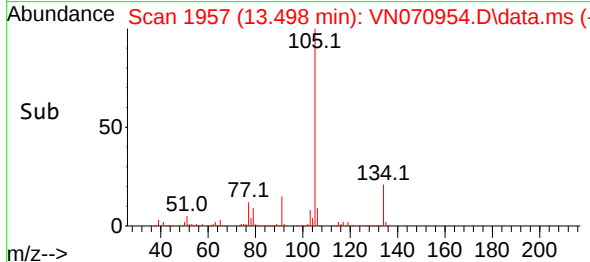
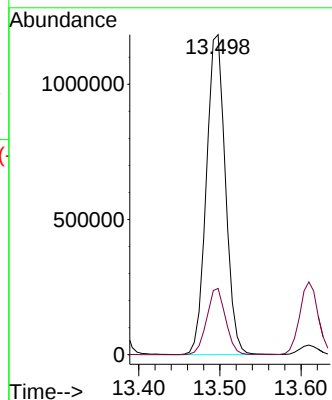
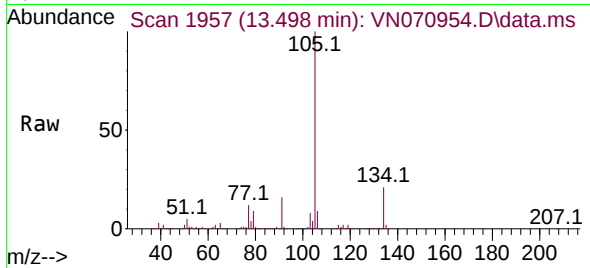
#85
 sec-Butylbenzene
 Concen: 51.804 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 192263
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

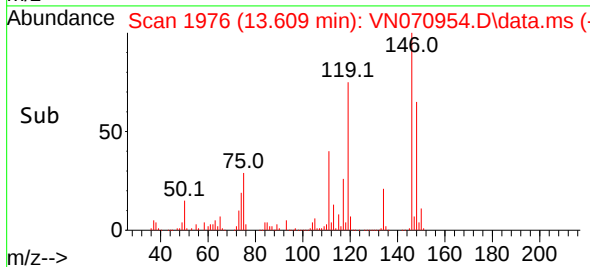
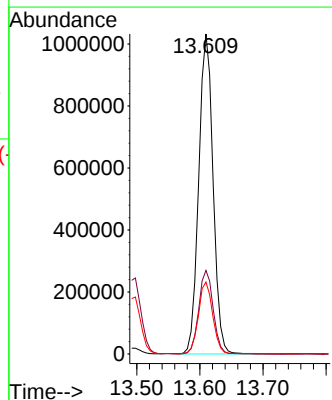
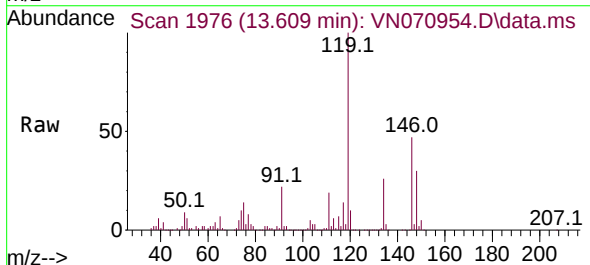
Manual Integrations
 APPROVED

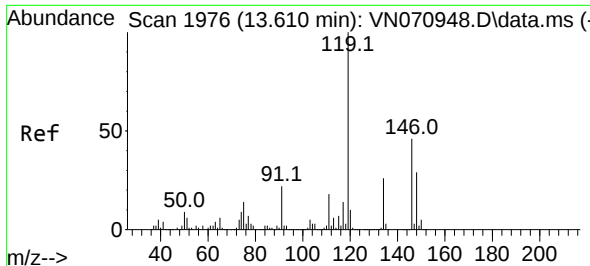
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 53.293 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN070954.D
 Acq: 16 Feb 2022 12:42

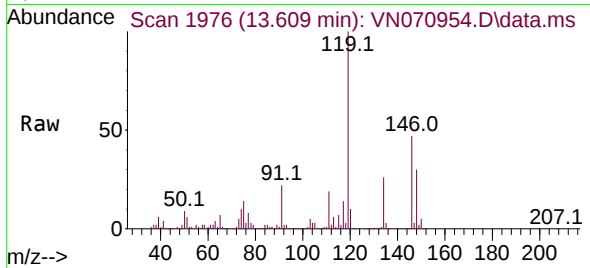
Tgt Ion:119 Resp: 1623708
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 22.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.325 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

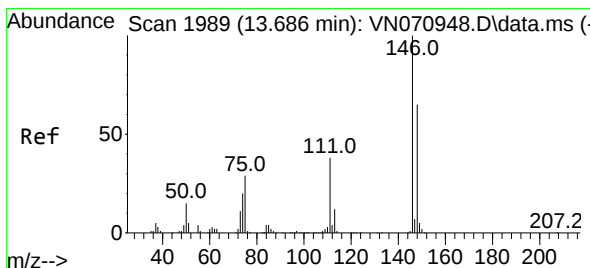
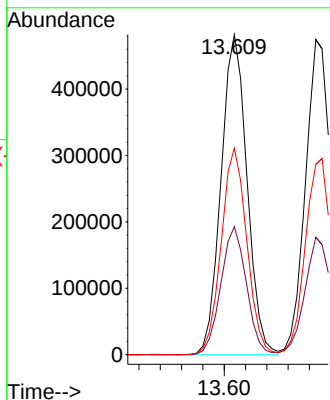
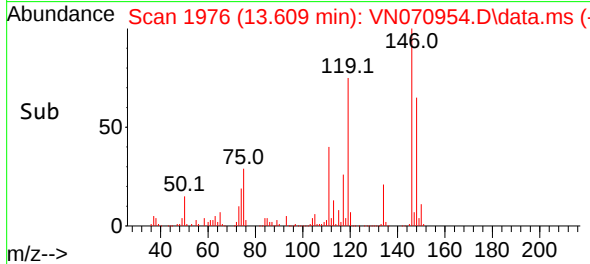
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



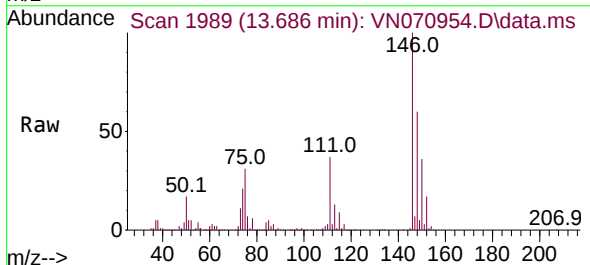
Tgt Ion:146 Resp: 815368
Ion Ratio Lower Upper
146 100
111 39.4 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
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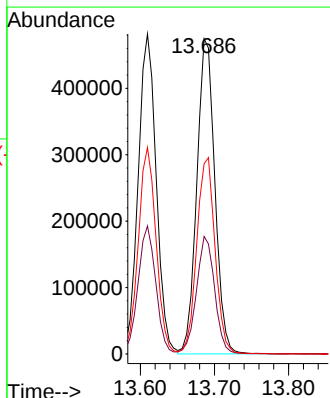
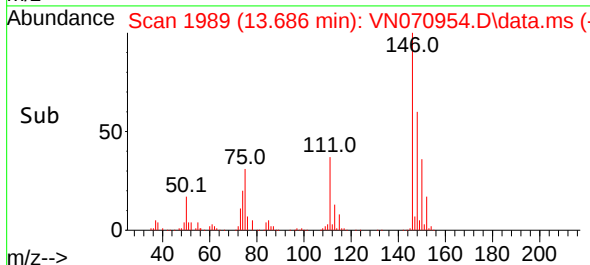
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

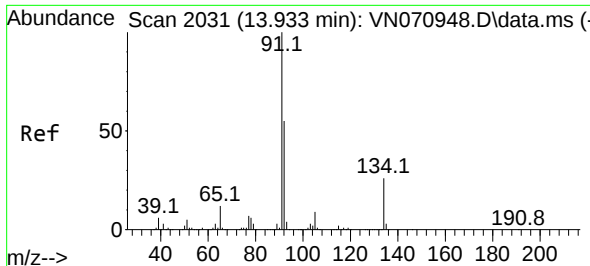


#88
1,4-Dichlorobenzene
Concen: 51.569 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion:146 Resp: 802656
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.8
148 63.5 31.8 95.4





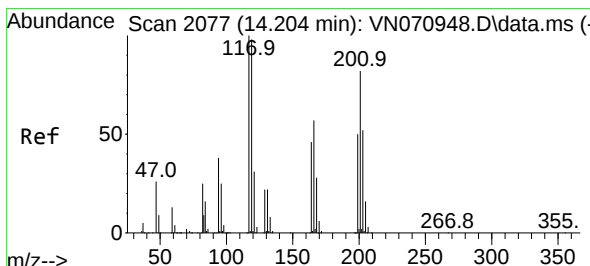
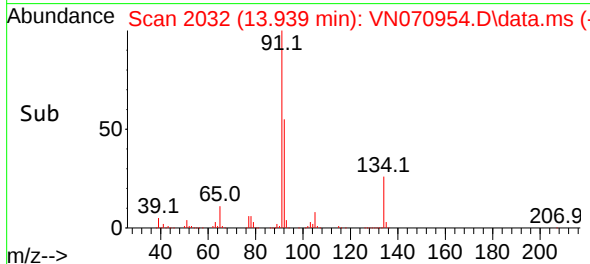
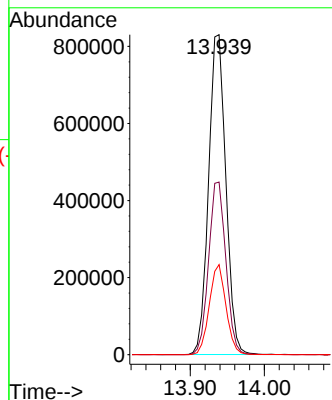
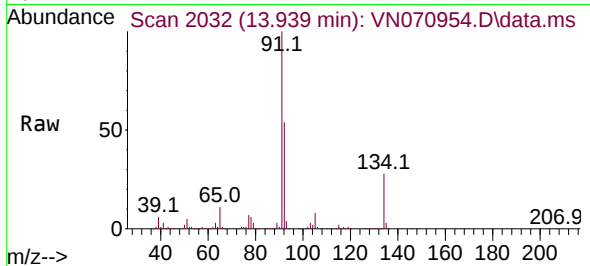
#89
n-Butylbenzene
Concen: 54.044 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 134339
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 27.3 13.6 40.8

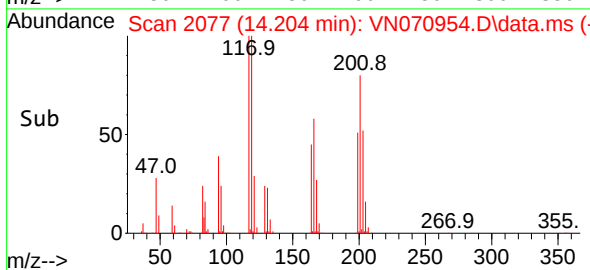
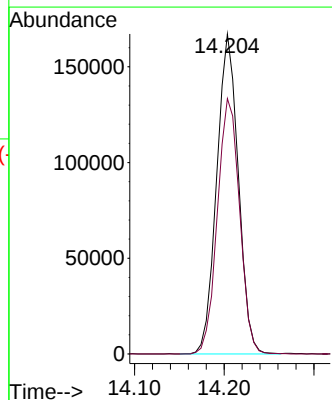
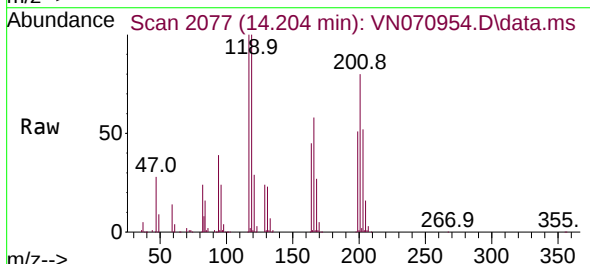
Manual Integrations
APPROVED

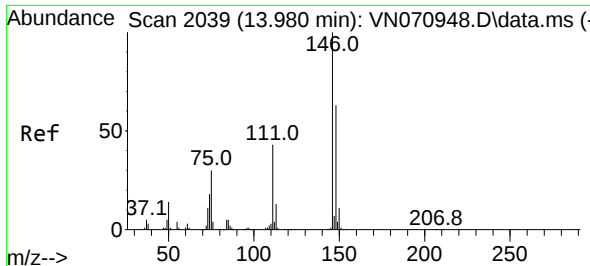
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 51.343 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

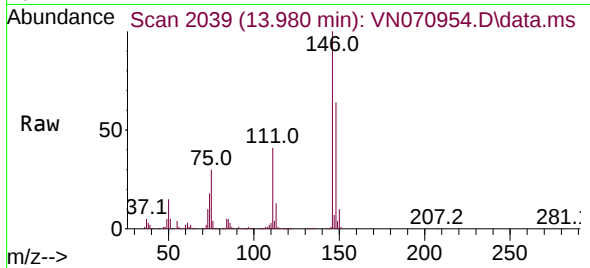
Tgt Ion:117 Resp: 279363
Ion Ratio Lower Upper
117 100
201 81.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.675 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

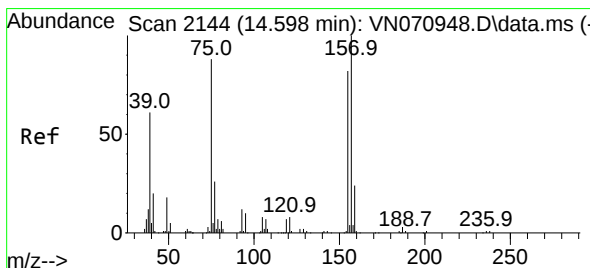
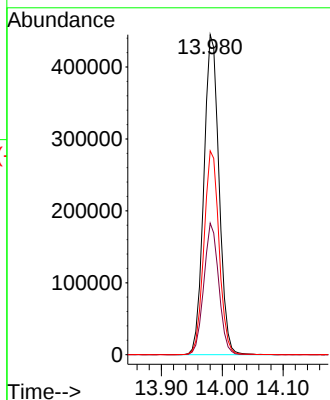
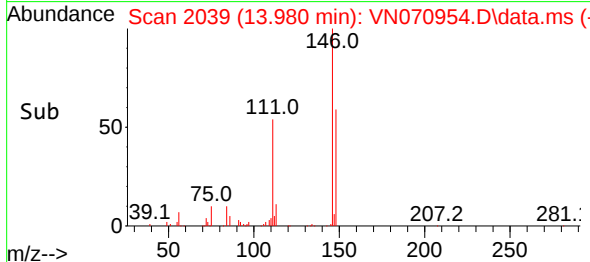
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



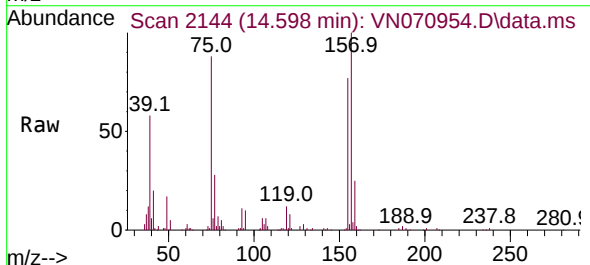
Tgt Ion:146 Resp: 77087
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
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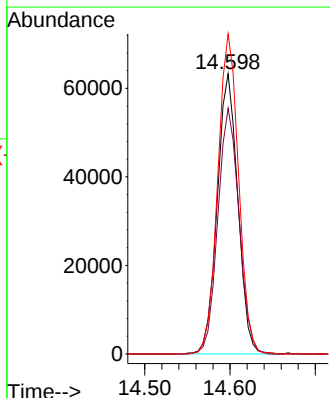
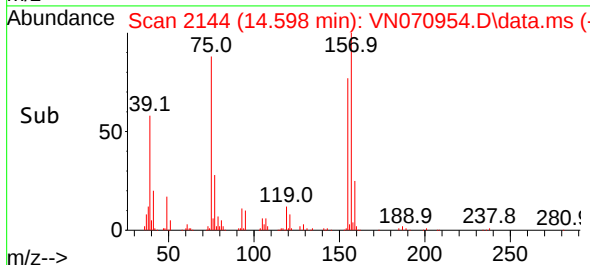
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

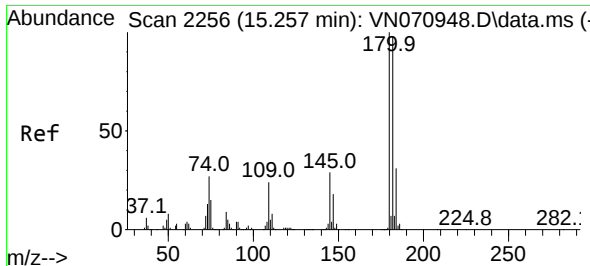


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.231 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



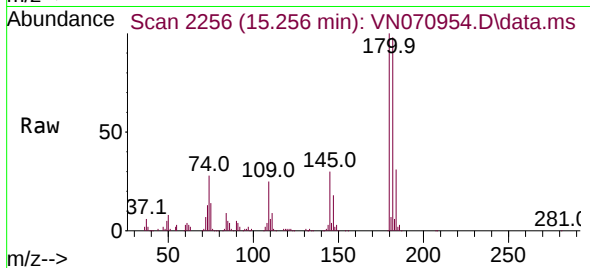
Tgt Ion: 75 Resp: 106131
Ion Ratio Lower Upper
75 100
155 90.2 46.9 140.7
157 115.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 51.330 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

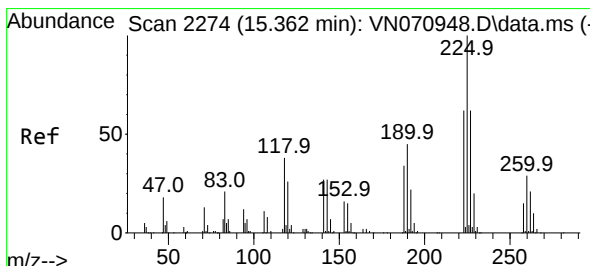
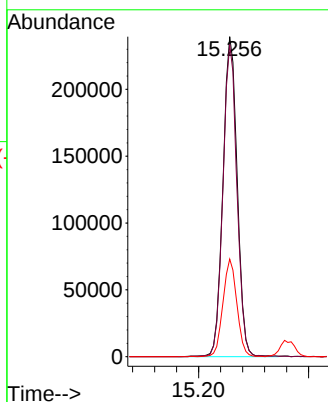
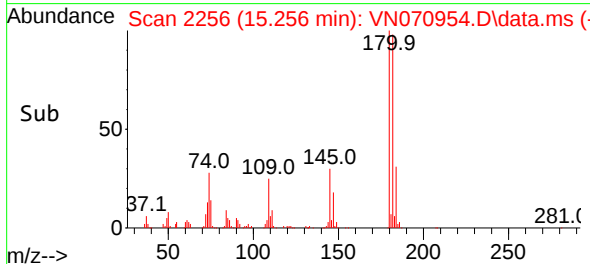
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



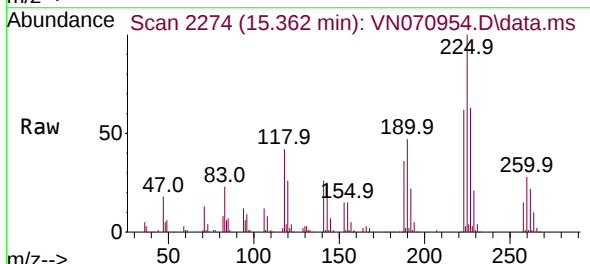
Tgt Ion:180 Resp: 430860
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 29.7 14.5 43.5

Manual Integrations
APPROVED

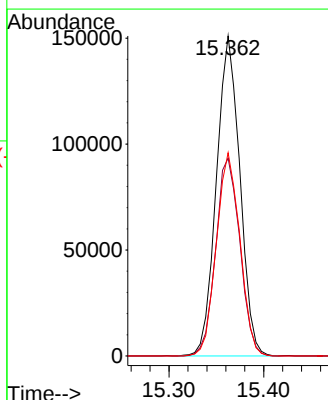
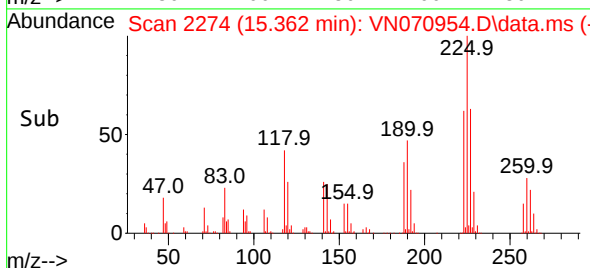
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

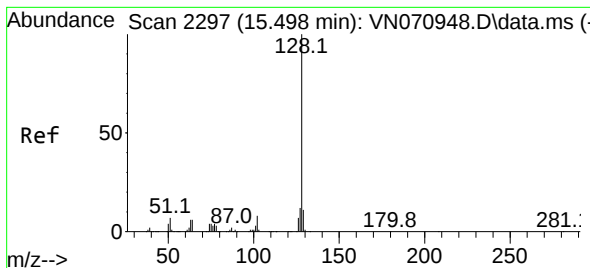


#94
Hexachlorobutadiene
Concen: 47.857 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



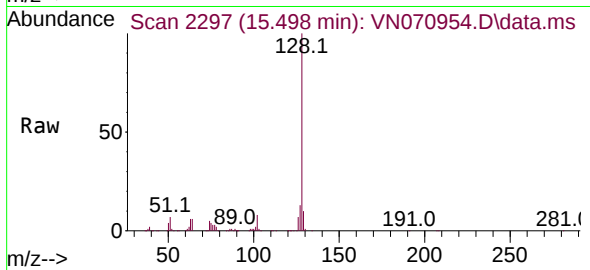
Tgt Ion:225 Resp: 260338
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 53.393 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42

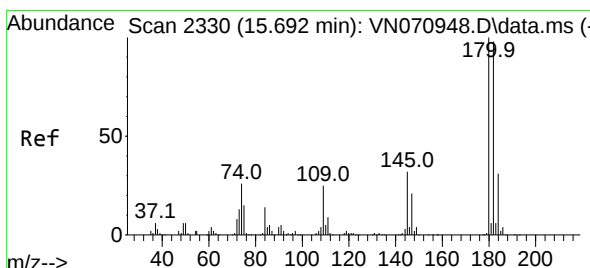
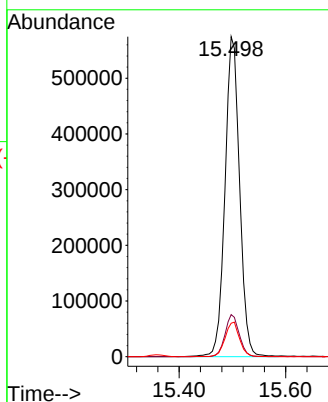
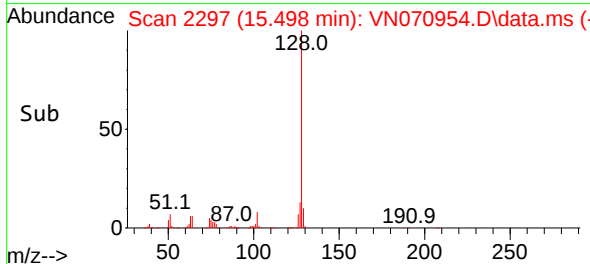
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



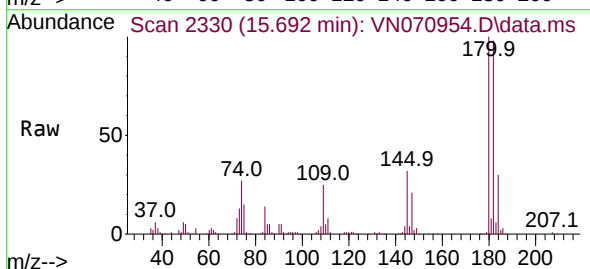
Tgt Ion:128 Resp: 109481
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.788 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN070954.D
Acq: 16 Feb 2022 12:42



Tgt Ion:180 Resp: 409190
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 31.1 15.0 45.1

