

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070971.D
 Acq On : 16 Feb 2022 20:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 04:15:23 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	697062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1110494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	998551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	428313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	398642	50.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.016	113	322334	48.800	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.600%			
50) Toluene-d8	10.439	98	1277920	48.176	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.360%			
62) 4-Bromofluorobenzene	12.727	95	427701	45.109	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	343589	47.457	ug/l	99
3) Chloromethane	2.299	50	441143	48.476	ug/l	99
4) Vinyl Chloride	2.446	62	448598	49.244	ug/l	99
5) Bromomethane	2.846	94	224375	43.358	ug/l	99
6) Chloroethane	3.016	64	280353	46.910	ug/l	98
7) Trichlorofluoromethane	3.375	101	543128	47.575	ug/l	97
8) Diethyl Ether	3.822	74	231956	46.738	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.199	101	328532	46.904	ug/l	96
10) Methyl Iodide	4.410	142	435155	44.858	ug/l	98
11) Tert butyl alcohol	5.381	59	394718	272.004	ug/l	98
12) 1,1-Dichloroethene	4.175	96	325215	47.656	ug/l	96
13) Acrolein	4.034	56	314671	242.668	ug/l	100
14) Allyl chloride	4.834	41	634687	48.766	ug/l	88
15) Acrylonitrile	5.551	53	1190806	278.590	ug/l	99
16) Acetone	4.287	43	952522	217.212	ug/l	96
17) Carbon Disulfide	4.522	76	870620	44.488	ug/l	100
18) Methyl Acetate	4.857	43	518247	54.022	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	1241298	51.854	ug/l	97
20) Methylene Chloride	5.087	84	394604	49.513	ug/l	95
21) trans-1,2-Dichloroethene	5.593	96	347284	47.413	ug/l	94
22) Diisopropyl ether	6.492	45	1323051	53.003	ug/l	93
23) Vinyl Acetate	6.434	43	5745282	271.896	ug/l	99
24) 1,1-Dichloroethane	6.387	63	713888	51.017	ug/l	99
25) 2-Butanone	7.334	43	1614075	276.686	ug/l	98
26) 2,2-Dichloropropane	7.322	77	553018	47.552	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	420979	50.007	ug/l	95
28) Bromochloromethane	7.657	49	269330	47.555	ug/l	91
29) Tetrahydrofuran	7.681	42	1103299	291.947	ug/l	95
30) Chloroform	7.816	83	690537	50.175	ug/l	99
31) Cyclohexane	8.092	56	668364	48.534	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	606849	51.059	ug/l	99
36) 1,1-Dichloropropene	8.216	75	520468	48.095	ug/l	98
37) Ethyl Acetate	7.410	43	636784	54.868	ug/l	100
38) Carbon Tetrachloride	8.204	117	520758	48.840	ug/l	100
39) Methylcyclohexane	9.457	83	645755	46.375	ug/l	97
40) Benzene	8.457	78	1595523	49.844	ug/l	99

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 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 VSTDC0050EC

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	322802	52.810	ug/l	91
42) 1,2-Dichloroethane	8.528	62	545961	50.079	ug/l	98
43) Isopropyl Acetate	8.557	43	991513	54.201	ug/l	98
44) Trichloroethene	9.210	130	398767	47.308	ug/l	96
45) 1,2-Dichloropropane	9.486	63	417725	50.945	ug/l	100
46) Dibromomethane	9.575	93	269696	49.980	ug/l	100
47) Bromodichloromethane	9.757	83	541800	49.681	ug/l	97
48) Methyl methacrylate	9.557	41	480437	55.486	ug/l #	83
49) 1,4-Dioxane	9.563	88	161031	1047.077	ug/l	92
51) 4-Methyl-2-Pentanone	10.328	43	3203416	287.816	ug/l	96
52) Toluene	10.498	92	1017599	50.591	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	588615	49.637	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	654708	50.273	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	398428	50.605	ug/l	98
56) Ethyl methacrylate	10.757	69	661726	55.782	ug/l	95
57) 1,3-Dichloropropane	11.039	76	704724	51.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	604013	231.587	ug/l	98
59) 2-Hexanone	11.080	43	2254527	294.527	ug/l	96
60) Dibromochloromethane	11.233	129	422744	50.806	ug/l	100
61) 1,2-Dibromoethane	11.339	107	410132	51.213	ug/l	99
64) Tetrachloroethene	10.975	164	351004	45.135	ug/l	95
65) Chlorobenzene	11.763	112	1061267	49.322	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	393085	50.116	ug/l	99
67) Ethyl Benzene	11.839	91	1928343	51.204	ug/l	98
68) m/p-Xylenes	11.945	106	1473121	101.267	ug/l	100
69) o-Xylene	12.274	106	738551	51.973	ug/l	100
70) Styrene	12.286	104	1181061	52.270	ug/l	98
71) Bromoform	12.457	173	322783	51.673	ug/l #	100
73) Isopropylbenzene	12.574	105	1879046	54.504	ug/l	100
74) N-amyl acetate	12.380	43	688094	62.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	618977	56.500	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	468744m	46.481	ug/l	
77) Bromobenzene	12.857	156	442860	52.474	ug/l	87
78) n-propylbenzene	12.916	91	2084958	53.826	ug/l	99
79) 2-Chlorotoluene	13.004	91	1279263	54.383	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	1525426	54.615	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	170403	54.755	ug/l	91
82) 4-Chlorotoluene	13.098	91	1210419	53.009	ug/l	95
83) tert-Butylbenzene	13.316	119	1405314	53.054	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1500397	54.571	ug/l	99
85) sec-Butylbenzene	13.498	105	1863417	53.388	ug/l	100
86) p-Isopropyltoluene	13.610	119	1545967	53.955	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	749917	50.195	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	724769	49.514	ug/l	98
89) n-Butylbenzene	13.939	91	1161795	49.699	ug/l	97
90) Hexachloroethane	14.204	117	270437	52.851	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	726066	51.754	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	106746	60.138	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	348063	44.374	ug/l	99
94) Hexachlorobutadiene	15.362	225	213446	41.722	ug/l	99
95) Naphthalene	15.504	128	944722	49.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	345081	47.597	ug/l	99

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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

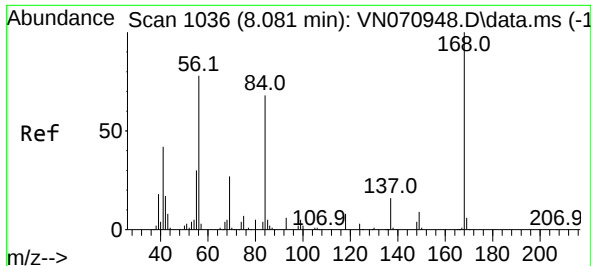
Manual Integrations
APPROVED

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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

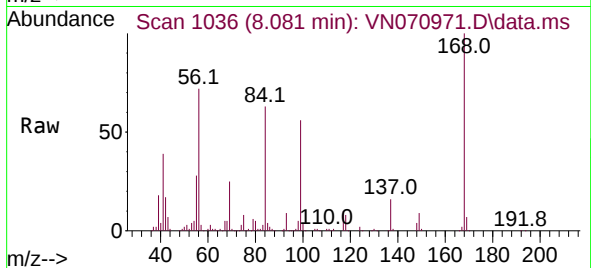
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

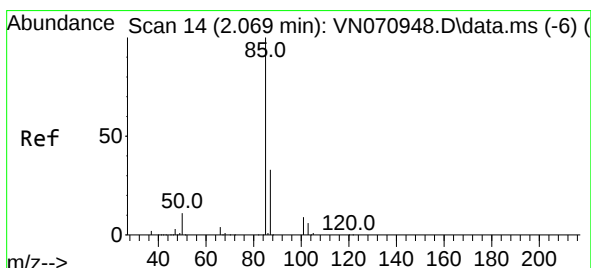
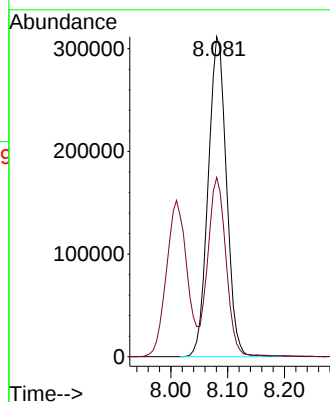
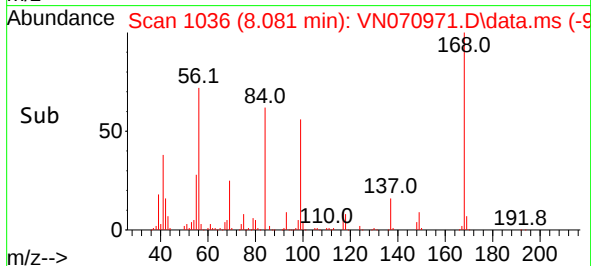
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 697062
Ion Ratio Lower Upper
168 100
99 55.8 41.3 61.9

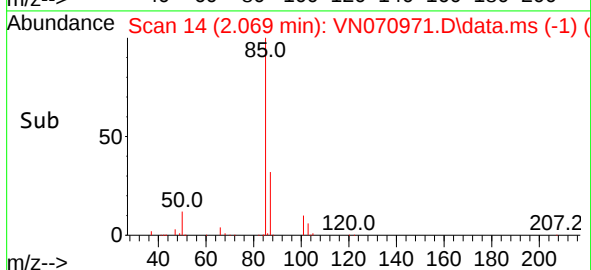
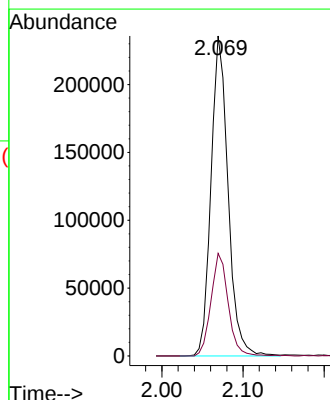
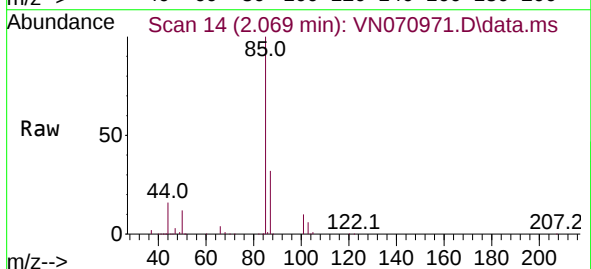
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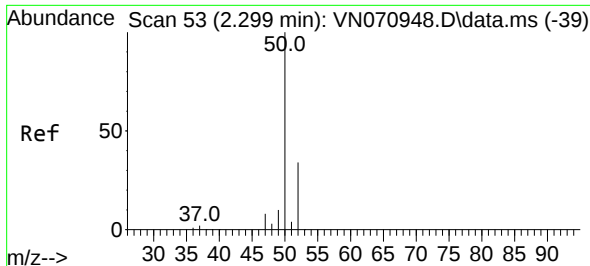
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#2
Dichlorodifluoromethane
Concen: 47.457 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

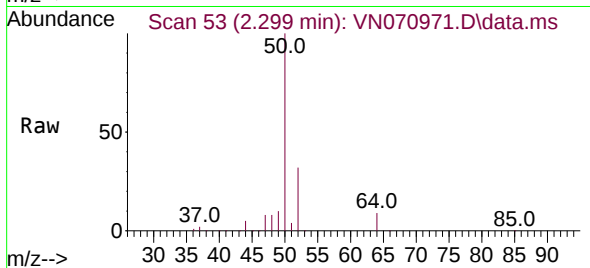
Tgt Ion: 85 Resp: 343589
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 48.476 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

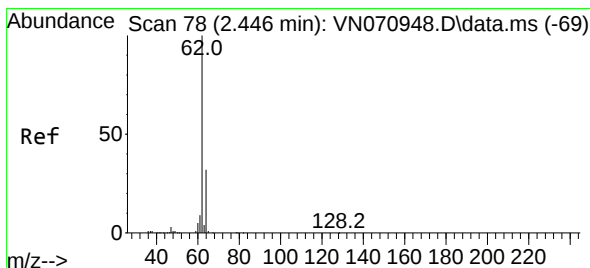
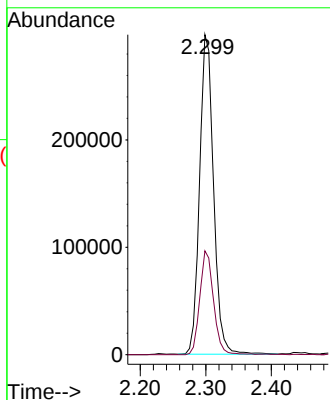
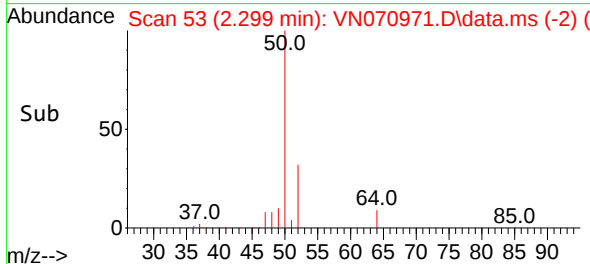
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 44114
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

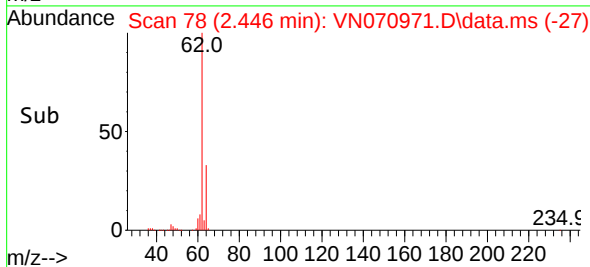
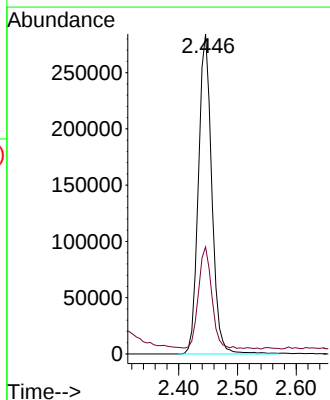
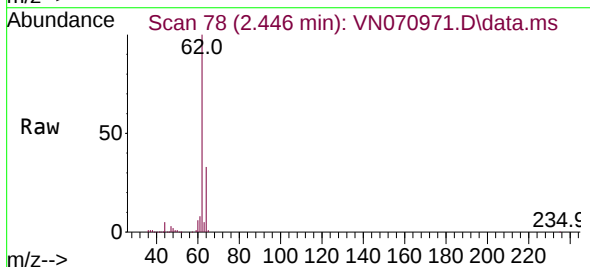
Manual Integrations
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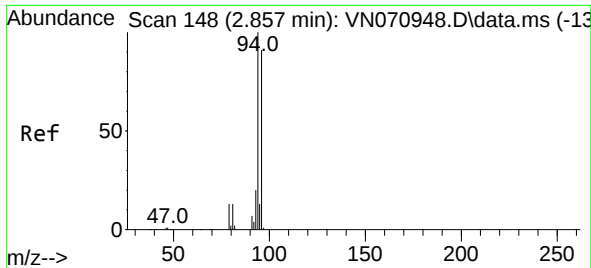
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#4
Vinyl Chloride
Concen: 49.244 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

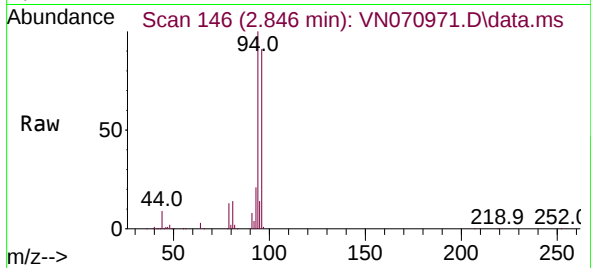
Tgt Ion: 62 Resp: 448598
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 43.358 ug/l
RT: 2.846 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

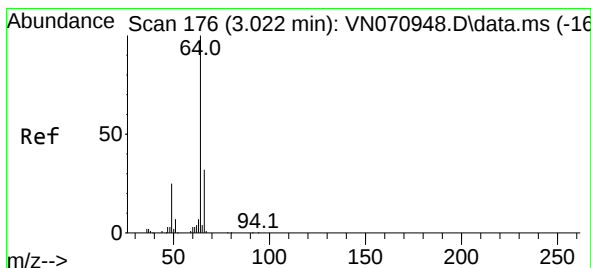
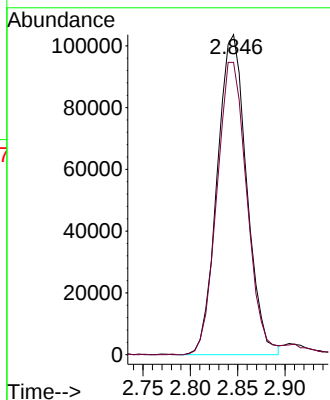
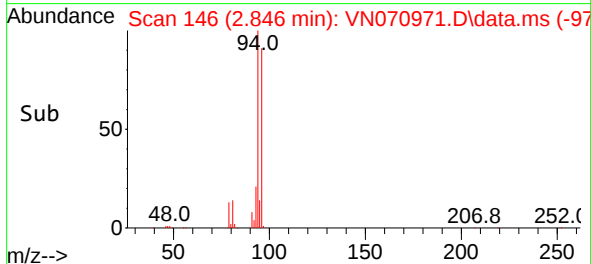
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Tgt Ion: 94 Resp: 224375
Ion Ratio Lower Upper
94 100
96 91.4 73.8 110.8

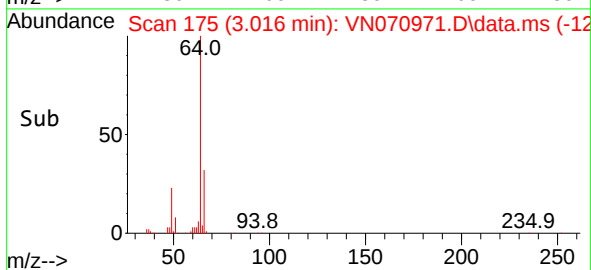
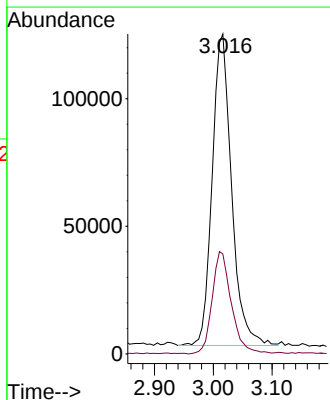
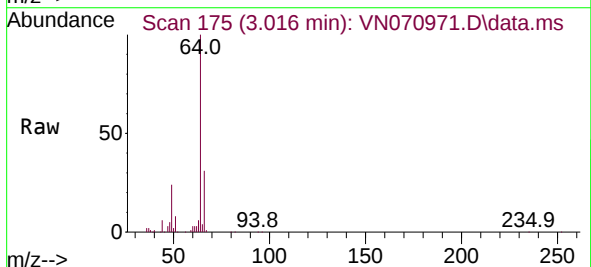
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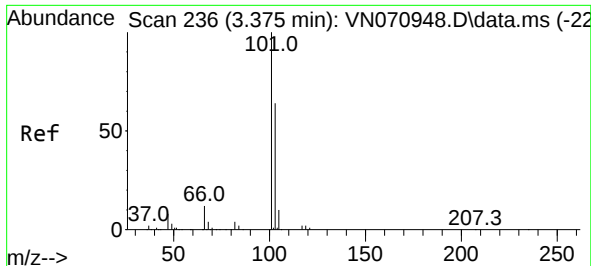
Reviewed By :John Carlone 02/17/2022
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#6
Chloroethane
Concen: 46.910 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

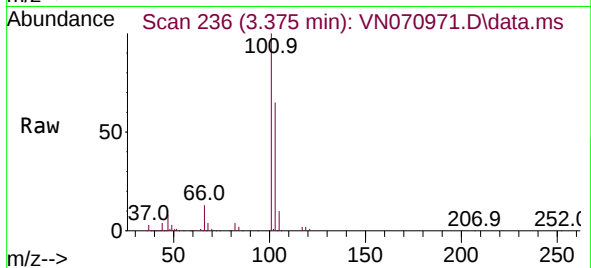
Tgt Ion: 64 Resp: 280353
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.575 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

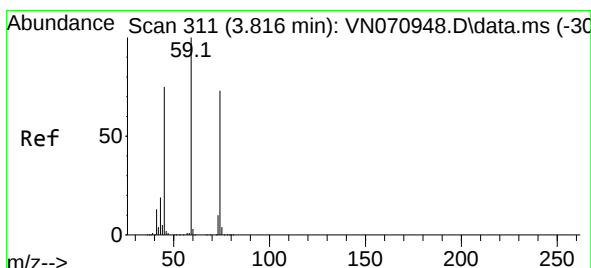
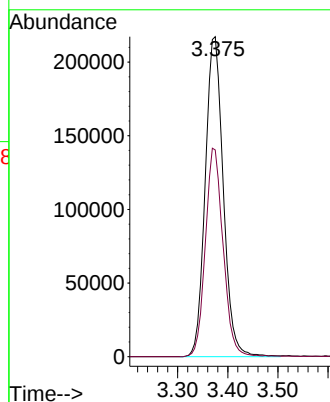
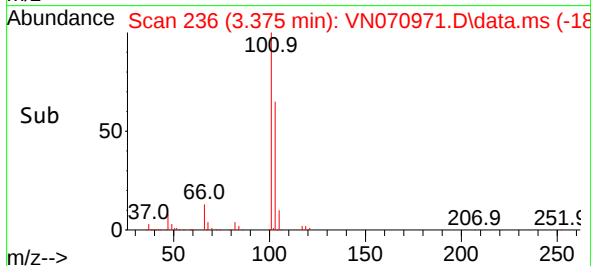
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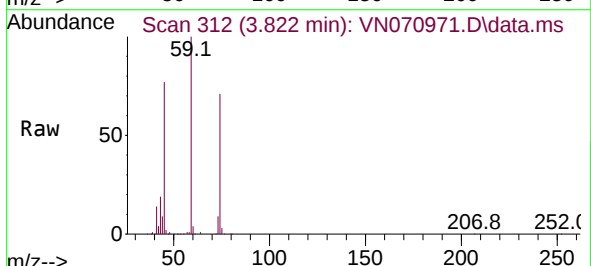
Tgt Ion:101 Resp: 543128
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

Manual Integrations
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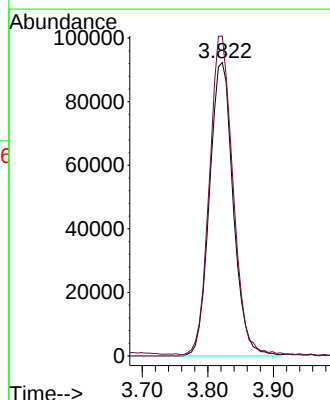
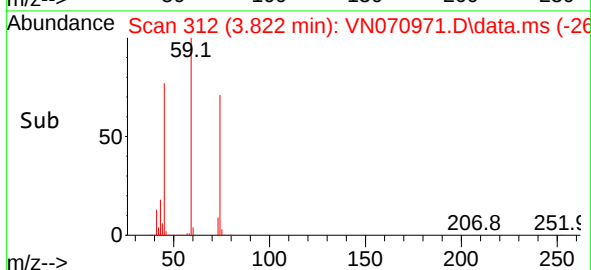
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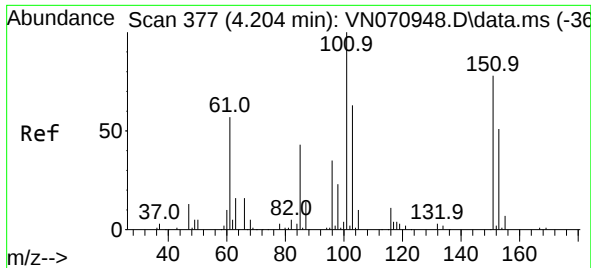


#8
Diethyl Ether
Concen: 46.738 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion: 74 Resp: 231956
Ion Ratio Lower Upper
74 100
45 107.6 47.0 141.2





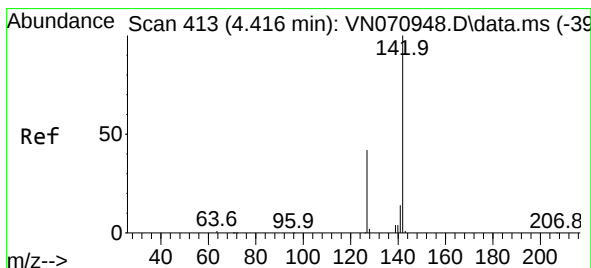
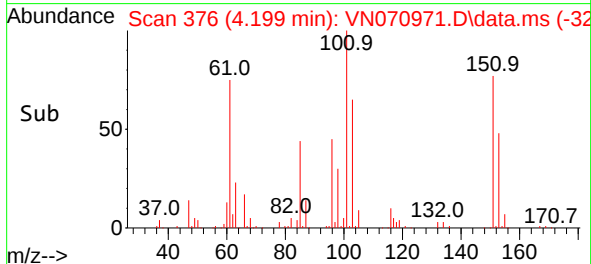
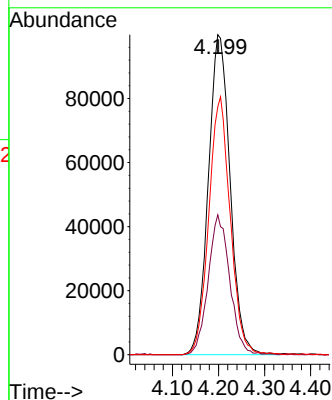
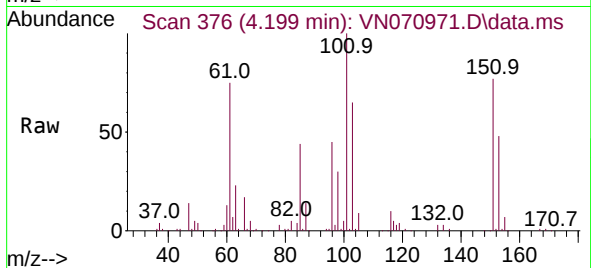
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.904 ug/l
RT: 4.199 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 32853
Ion Ratio Lower Upper
101 100
85 43.2 37.2 55.8
151 79.2 65.9 98.9

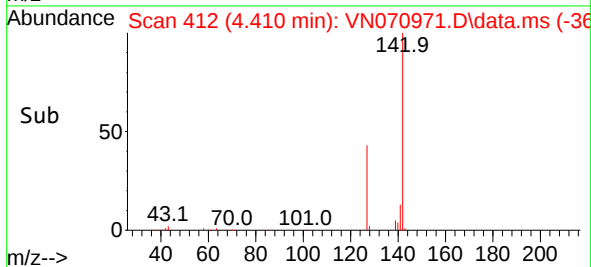
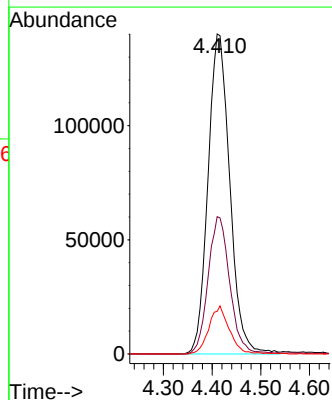
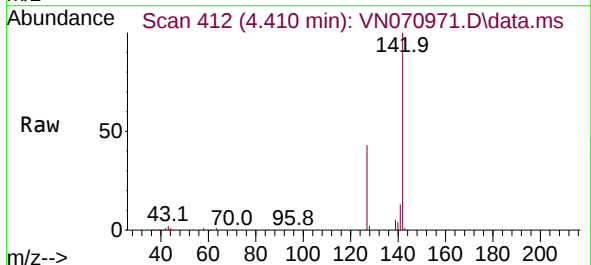
Manual Integrations
APPROVED

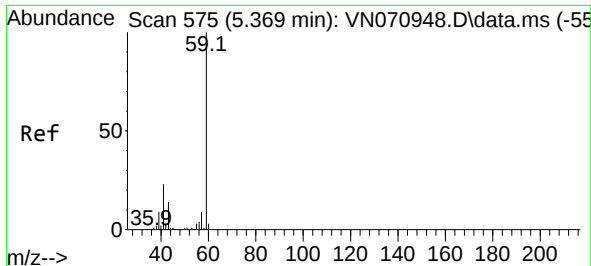
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 44.858 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

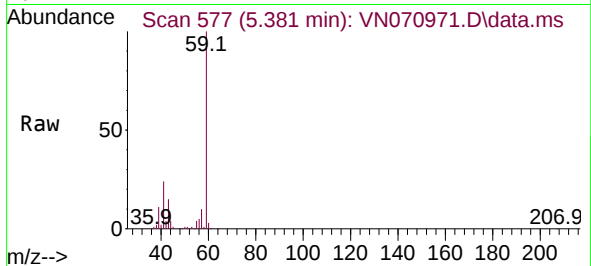
Tgt Ion:142 Resp: 435155
Ion Ratio Lower Upper
142 100
127 42.5 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 272.004 ug/l
RT: 5.381 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

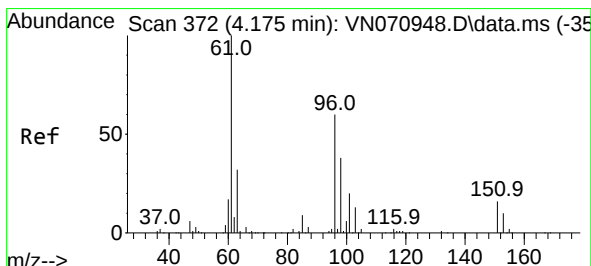
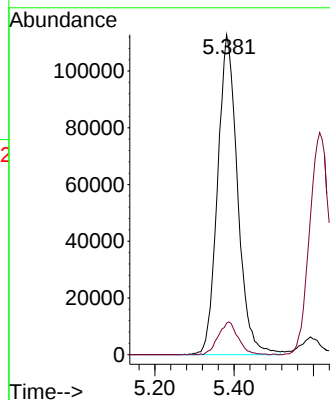
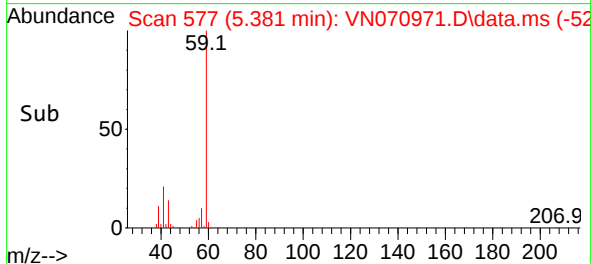
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 394718
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

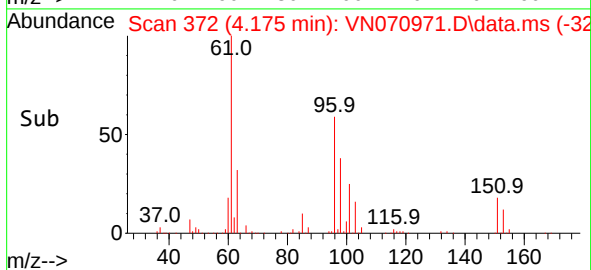
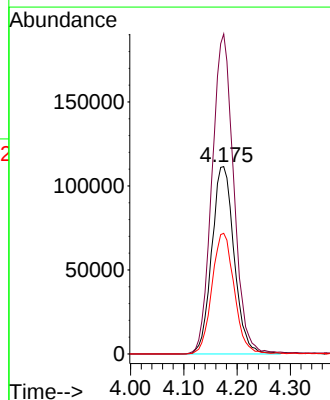
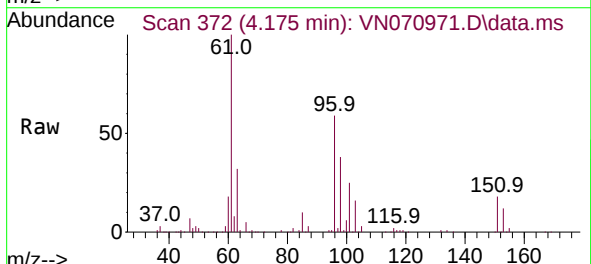
Manual Integrations
APPROVED

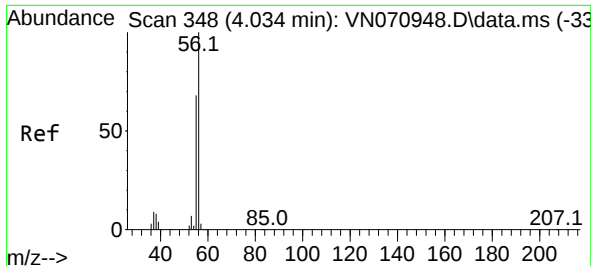
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#12
1,1-Dichloroethene
Concen: 47.656 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

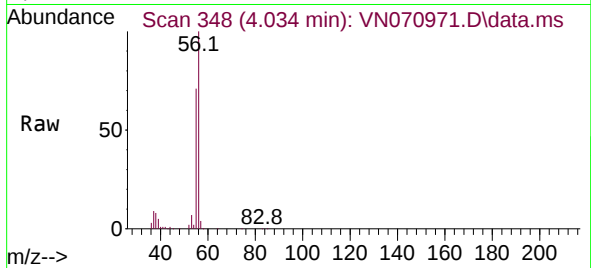
Tgt Ion: 96 Resp: 325215
Ion Ratio Lower Upper
96 100
61 170.8 131.0 196.6
98 64.4 52.4 78.6





#13
Acrolein
Concen: 242.668 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

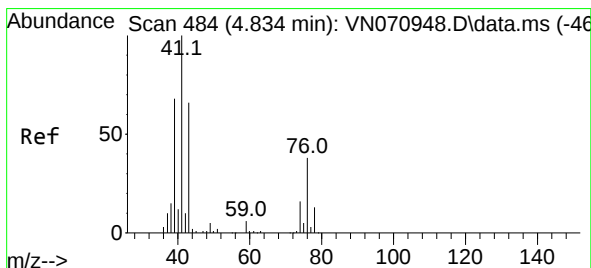
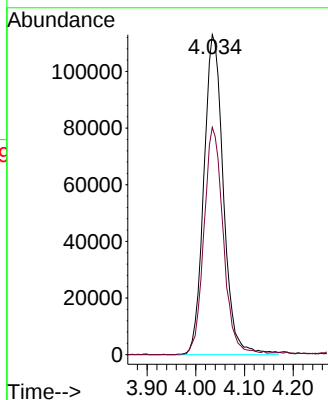
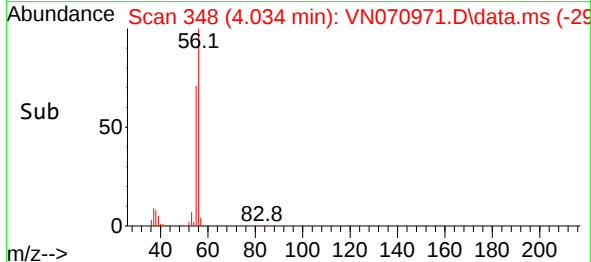
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 31467
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

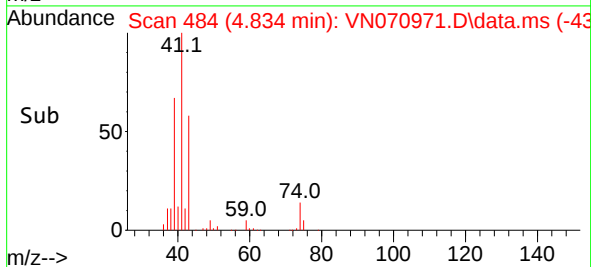
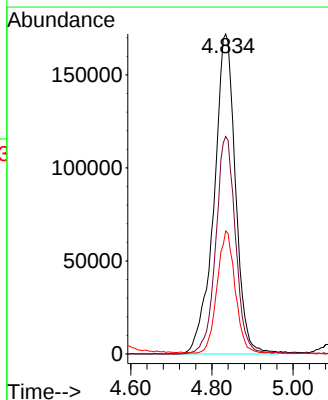
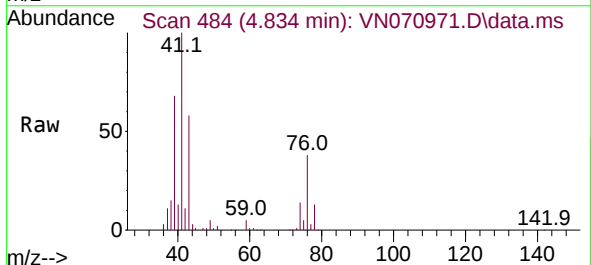
Manual Integrations
APPROVED

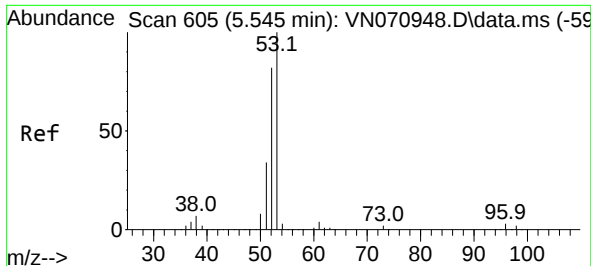
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#14
Allyl chloride
Concen: 48.766 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

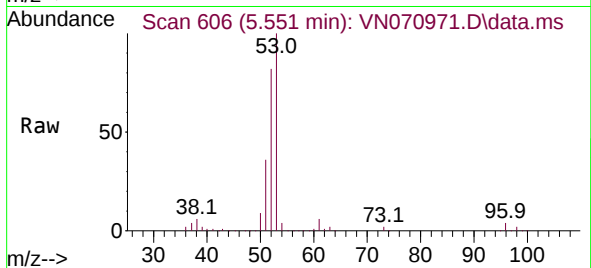
Tgt Ion: 41 Resp: 634687
Ion Ratio Lower Upper
41 100
39 62.3 61.2 91.8
76 31.7 26.0 39.0





#15
Acrylonitrile
Concen: 278.590 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

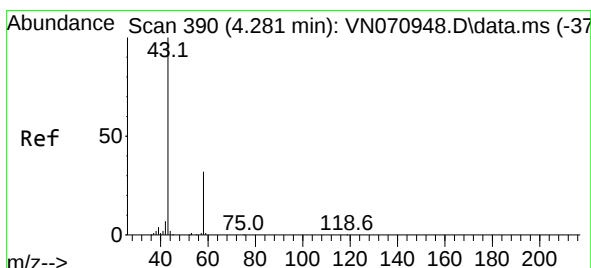
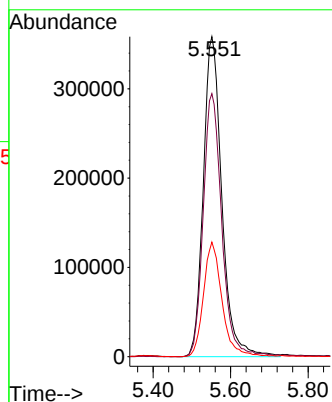
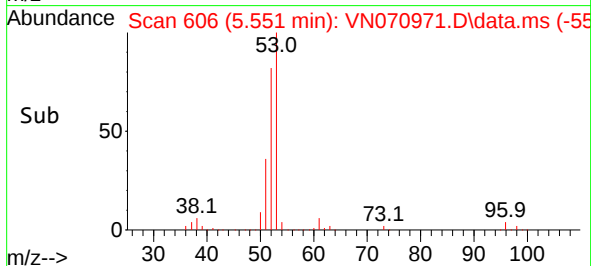
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1190800
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 35.8 29.6 44.4

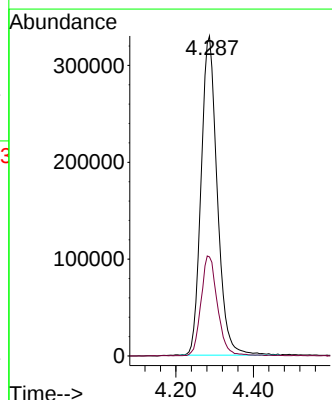
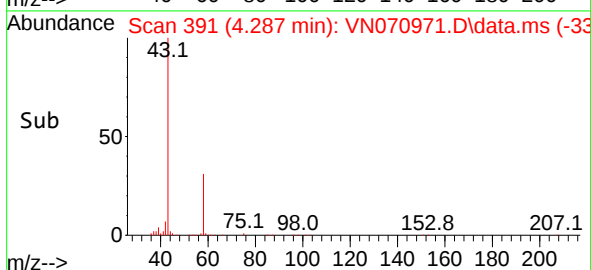
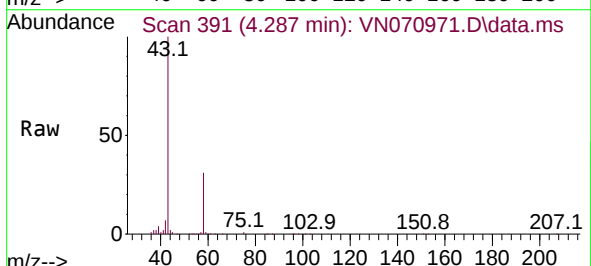
Manual Integrations
APPROVED

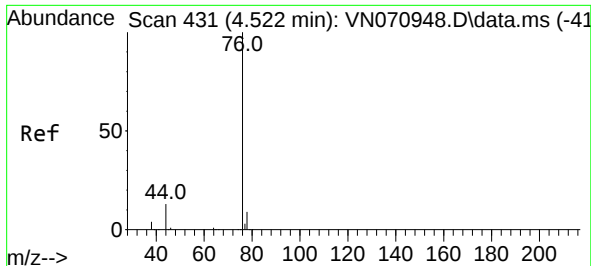
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 217.212 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

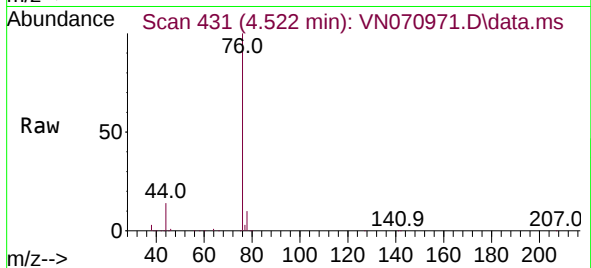
Tgt Ion: 43 Resp: 952522
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7





#17
Carbon Disulfide
Concen: 44.488 ug/l
RT: 4.522 min Scan# 431
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

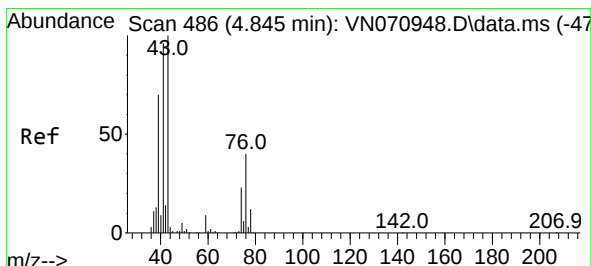
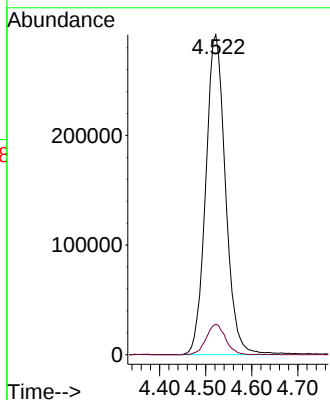
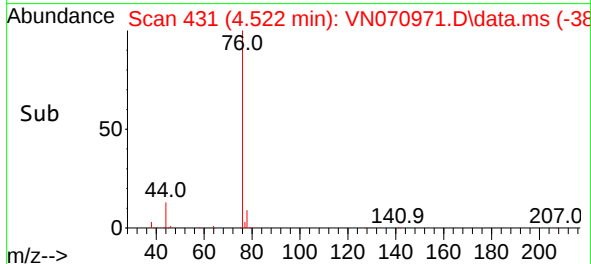
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



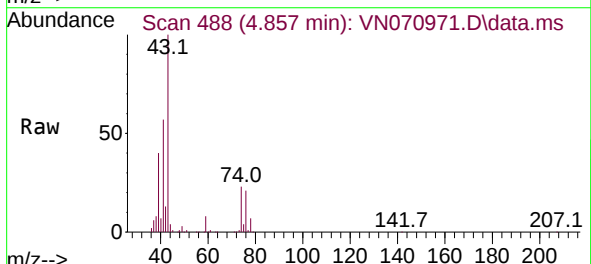
Tgt Ion: 76 Resp: 870620
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

Manual Integrations
APPROVED

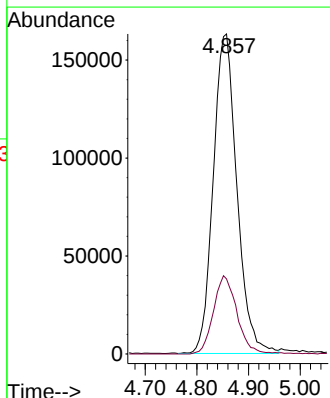
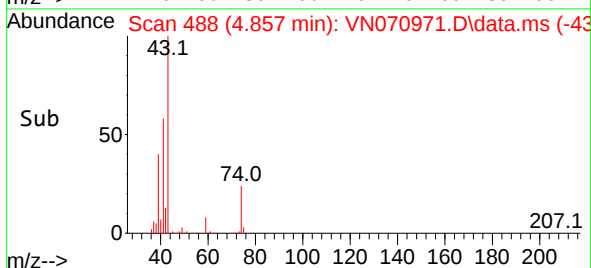
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

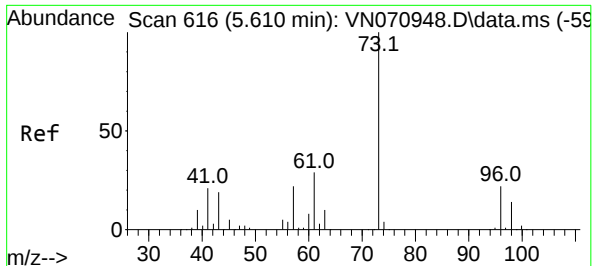


#18
Methyl Acetate
Concen: 54.022 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



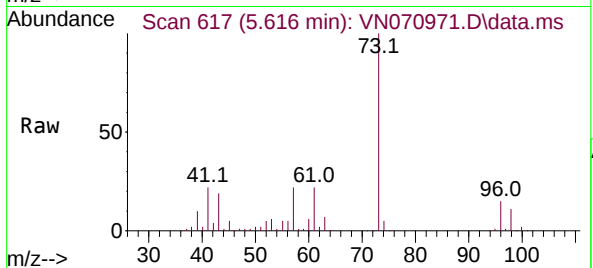
Tgt Ion: 43 Resp: 518247
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.854 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

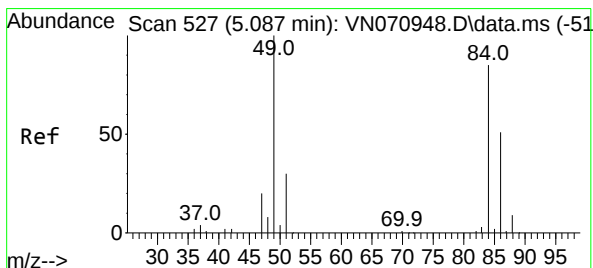
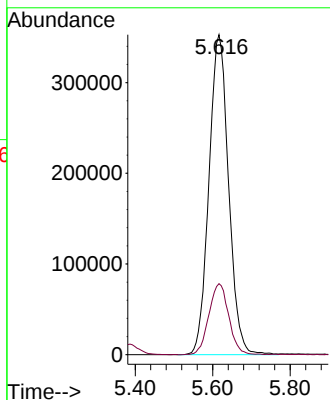
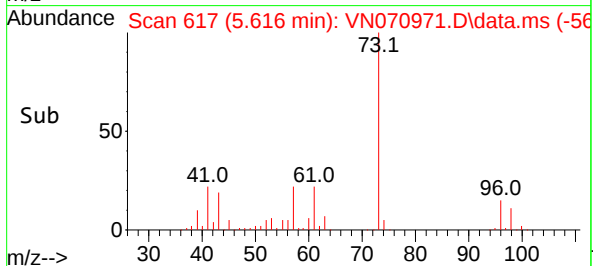
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1241298
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

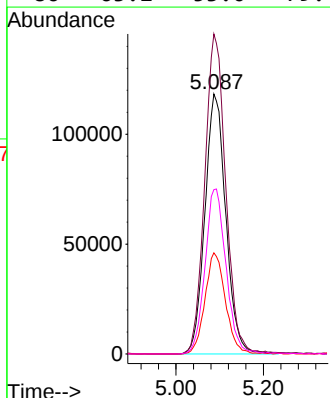
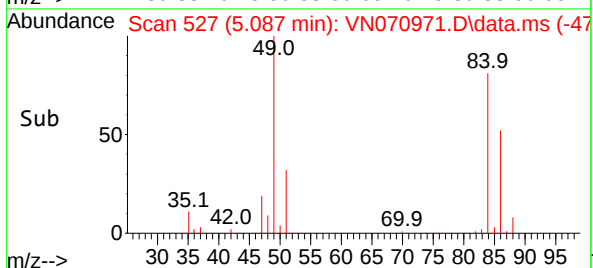
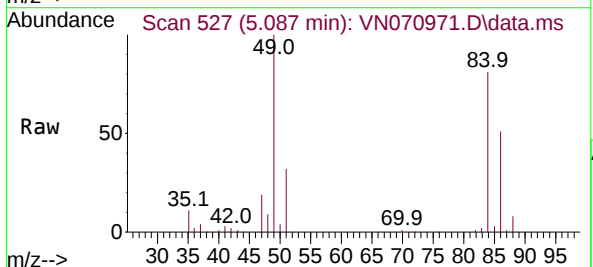
Manual Integrations
APPROVED

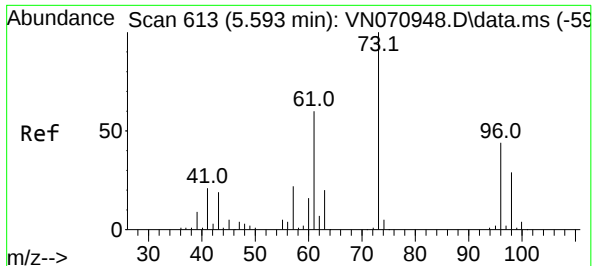
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 49.513 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

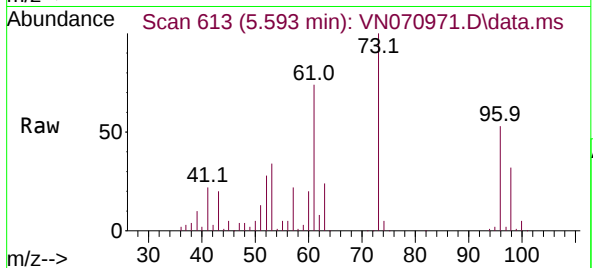
Tgt Ion: 84 Resp: 394604
Ion Ratio Lower Upper
84 100
49 123.1 93.5 140.3
51 38.9 29.4 44.2
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.413 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

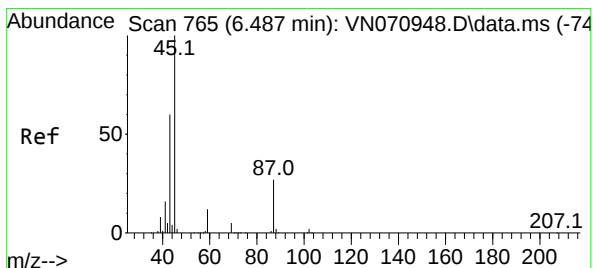
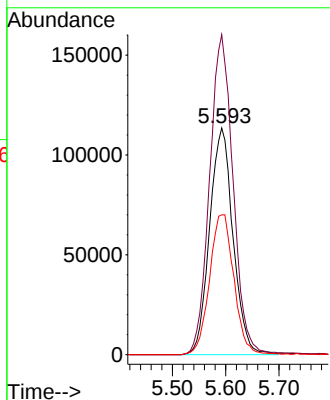
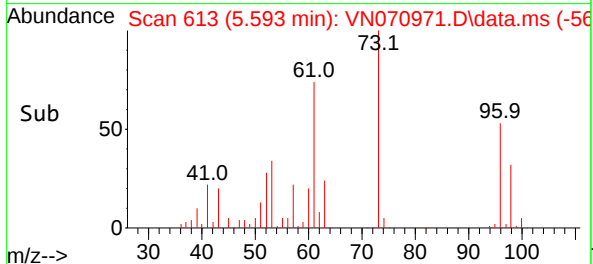
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



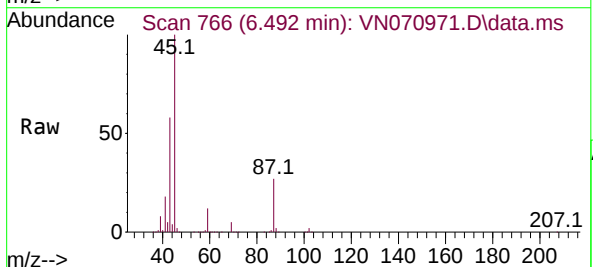
Tgt Ion: 96 Resp: 347284
Ion Ratio Lower Upper
96 100
61 141.1 105.8 158.6
98 61.7 52.0 78.0

Manual Integrations
APPROVED

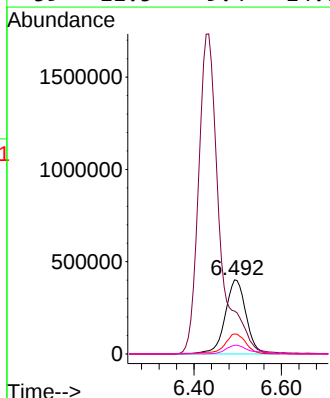
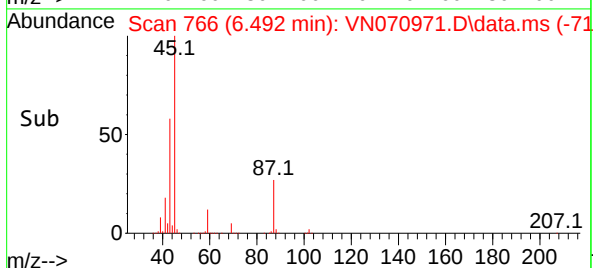
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

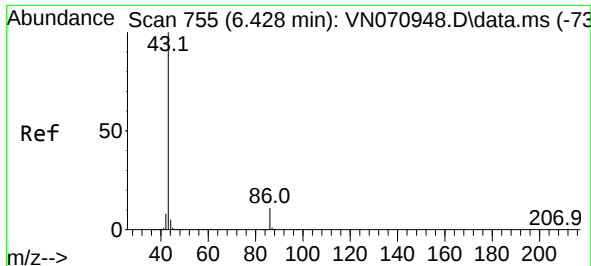


#22
Diisopropyl ether
Concen: 53.003 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



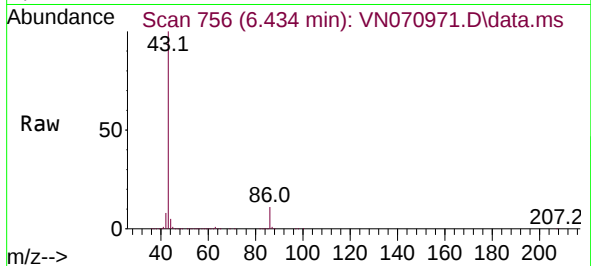
Tgt Ion: 45 Resp: 1323051
Ion Ratio Lower Upper
45 100
43 57.4 51.7 77.5
87 26.8 23.2 34.8
59 11.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 271.896 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN070971.D
 Acq: 16 Feb 2022 20:20

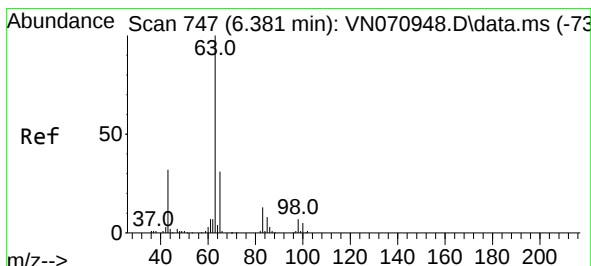
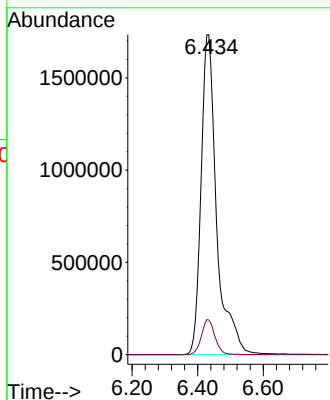
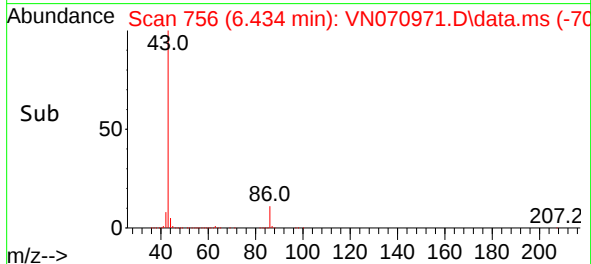
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 574528
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

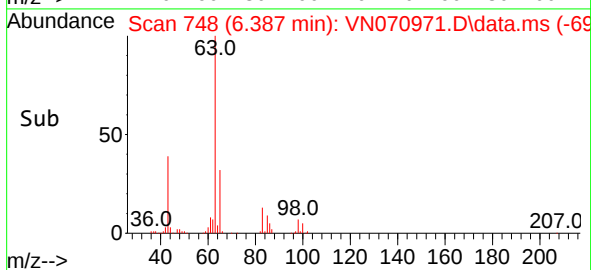
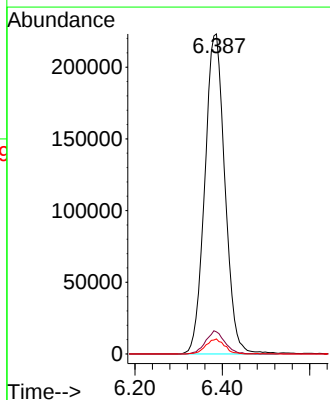
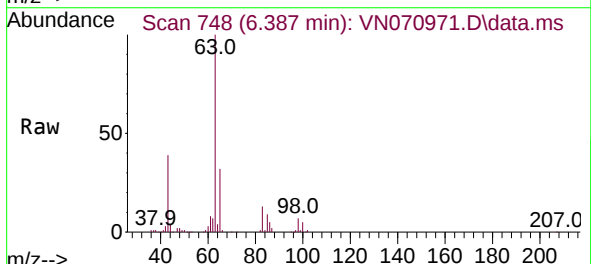
Manual Integrations
 APPROVED

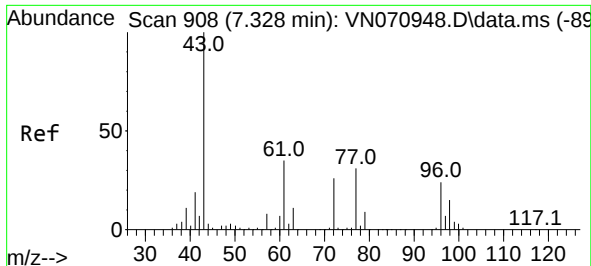
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 51.017 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN070971.D
 Acq: 16 Feb 2022 20:20

Tgt Ion: 63 Resp: 713888
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.7 2.1 6.5





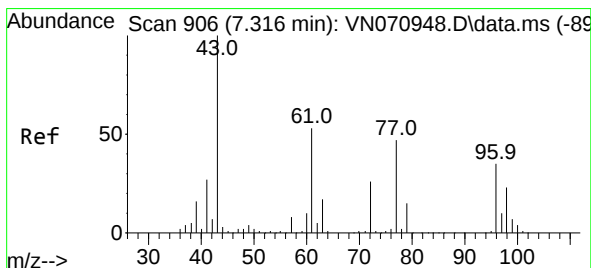
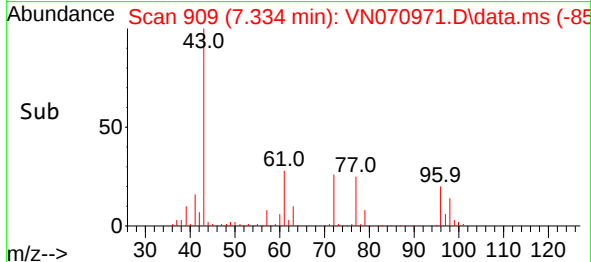
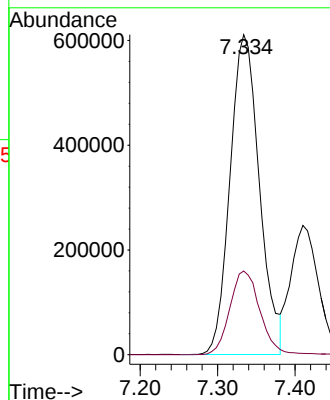
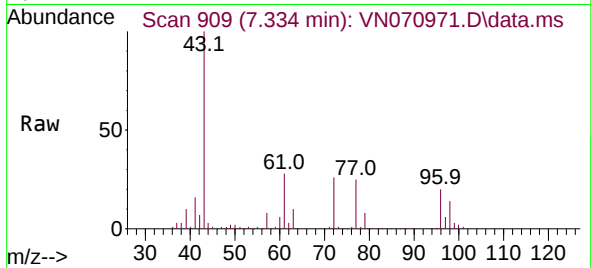
#25
2-Butanone
Concen: 276.686 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 161407
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5

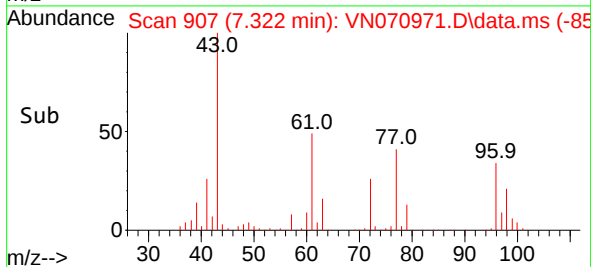
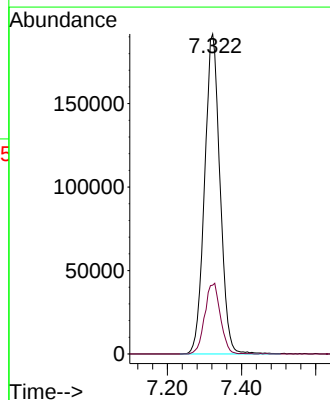
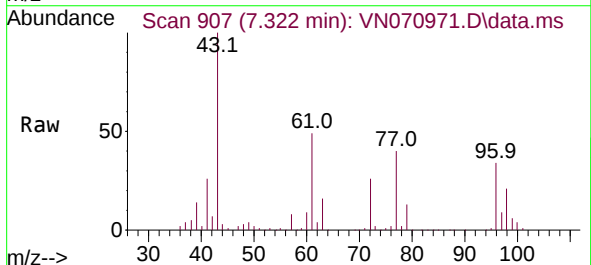
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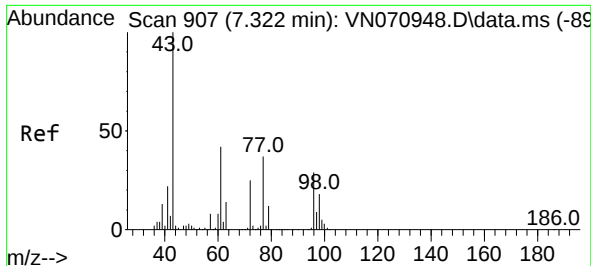
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#26
2,2-Dichloropropane
Concen: 47.552 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion: 77 Resp: 553018
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.007 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN070971.D

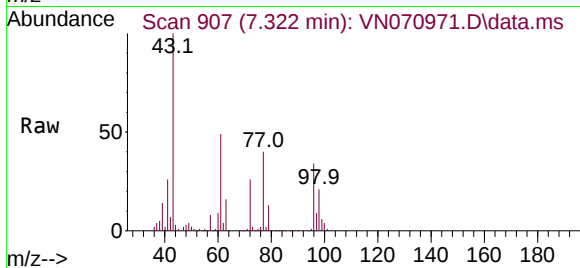
Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



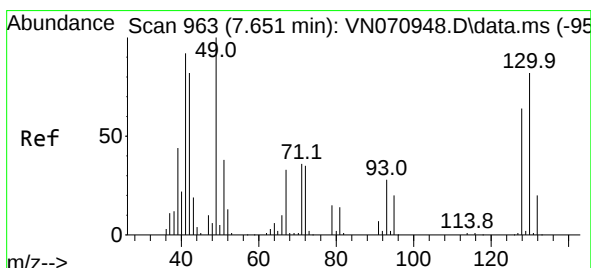
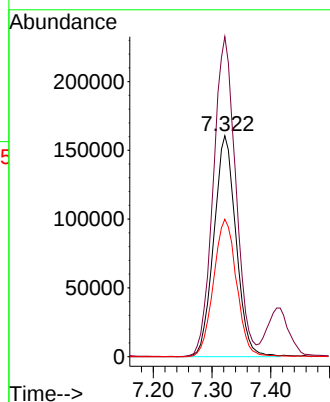
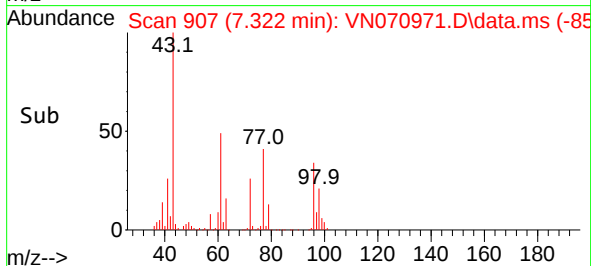
Tgt Ion:	96	Resp:	420979
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	275.0
98	64.8	0.0	129.6

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#28

Bromochloromethane

Concen: 47.555 ug/l

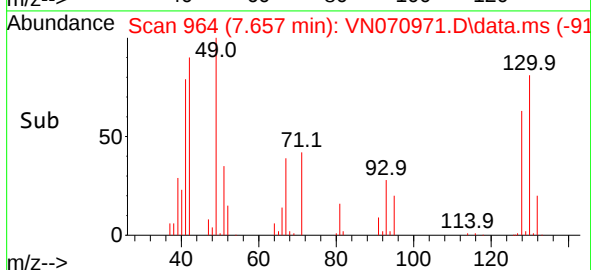
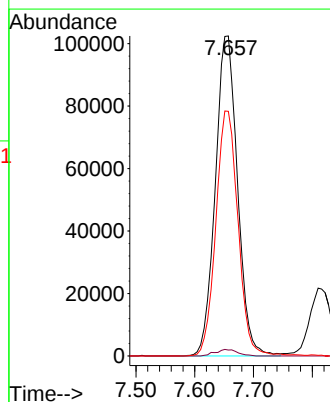
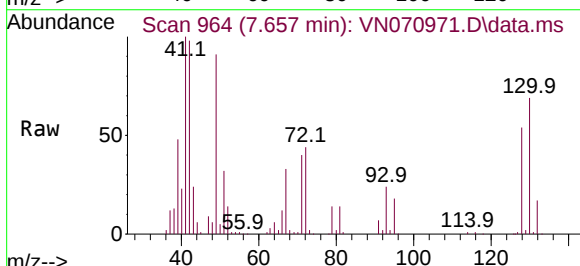
RT: 7.657 min Scan# 964

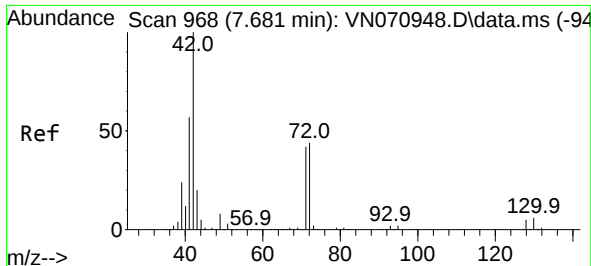
Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Tgt Ion:	49	Resp:	269330
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	76.4	67.8	101.8





#29

Tetrahydrofuran

Concen: 291.947 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 110329

Ion Ratio Lower Upper

42 100

72 42.5 36.3 54.5

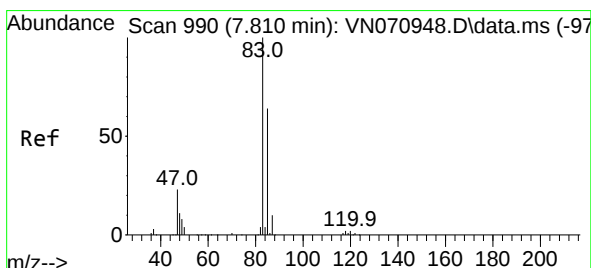
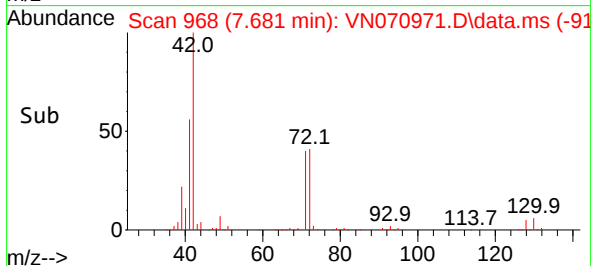
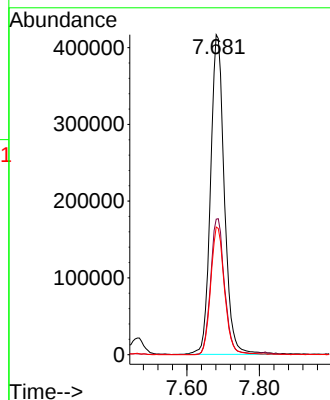
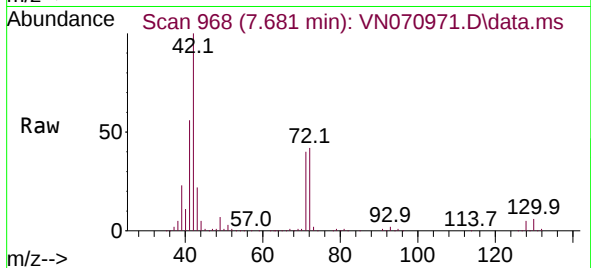
71 40.0 34.7 52.1

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 50.175 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN070971.D

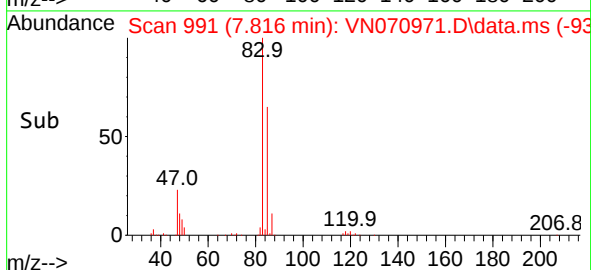
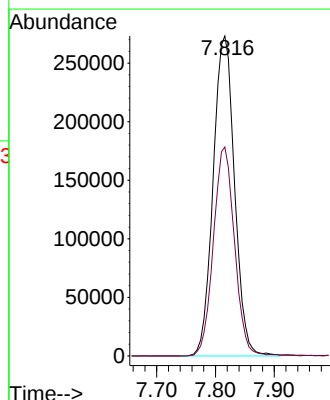
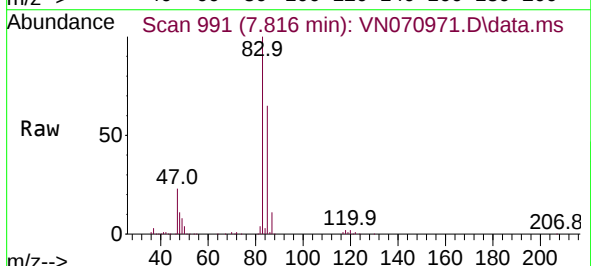
Acq: 16 Feb 2022 20:20

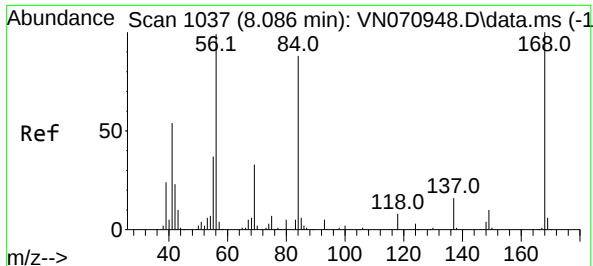
Tgt Ion: 83 Resp: 690537

Ion Ratio Lower Upper

83 100

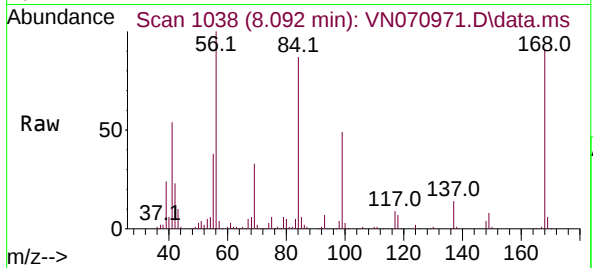
85 65.3 51.9 77.9





#31
Cyclohexane
Concen: 48.534 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

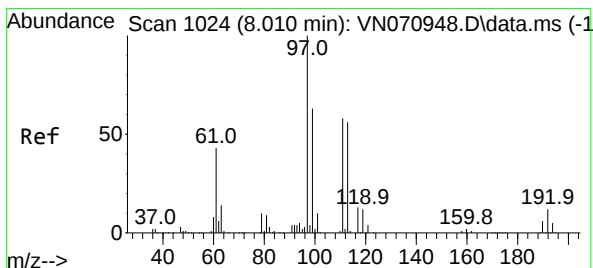
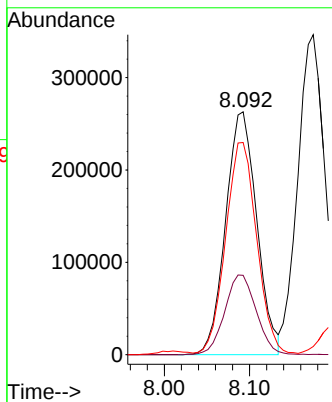
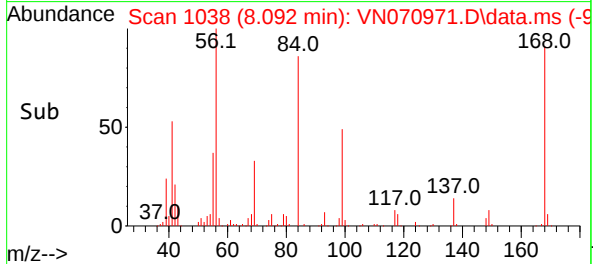
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



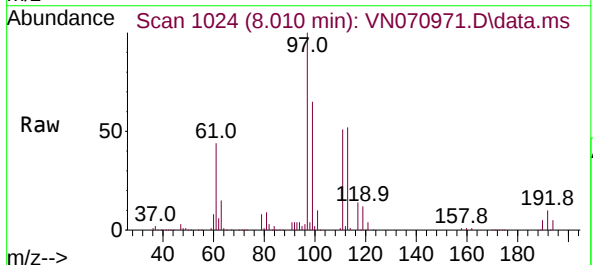
Tgt Ion: 56 Resp: 668364
Ion Ratio Lower Upper
56 100
69 32.7 27.1 40.7
84 86.0 73.4 110.0

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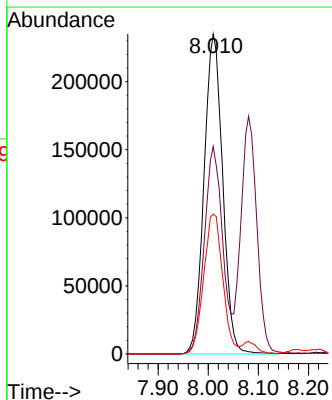
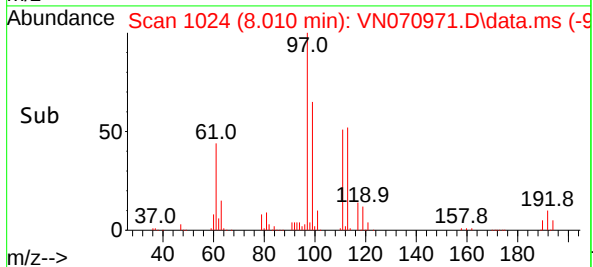
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

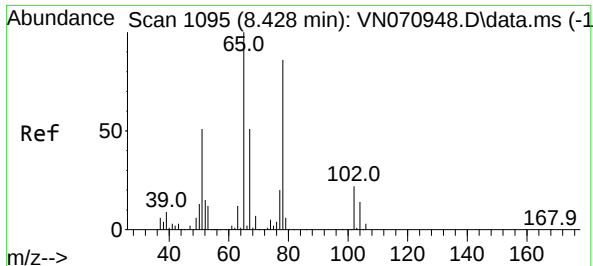


#32
1,1,1-Trichloroethane
Concen: 51.059 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion: 97 Resp: 606849
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 44.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.064 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 39864

Ion Ratio Lower Upper

65 100

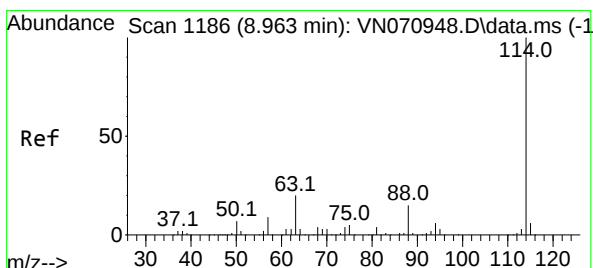
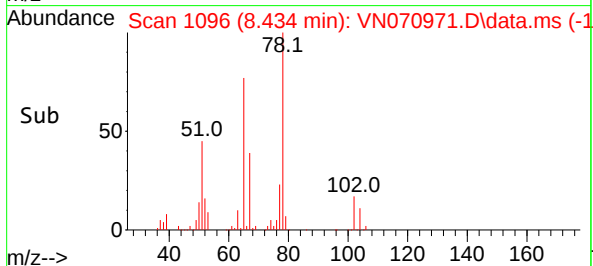
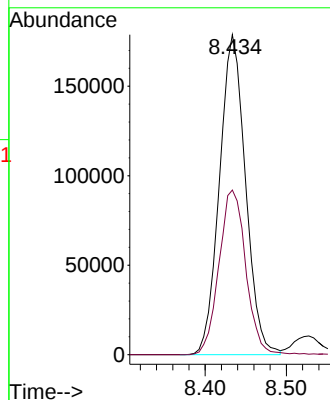
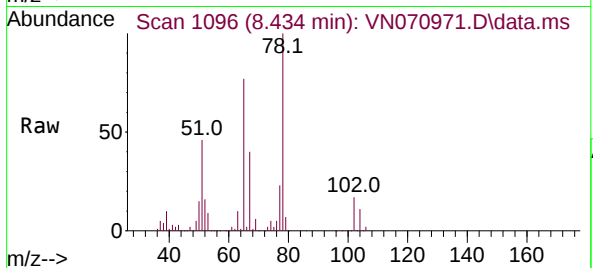
67 53.2 0.0 103.0

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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: VN070971.D

Acq: 16 Feb 2022 20:20

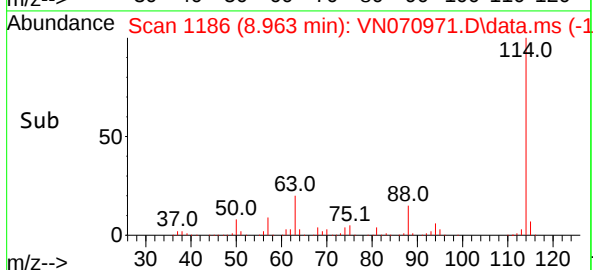
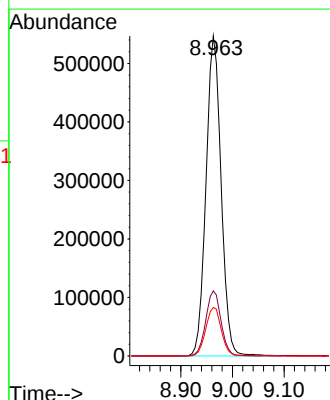
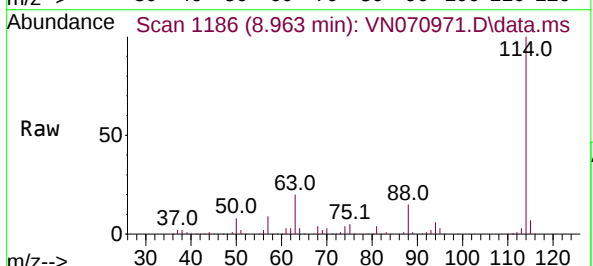
Tgt Ion:114 Resp: 1110494

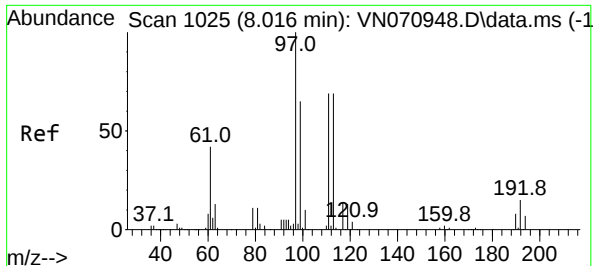
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.8

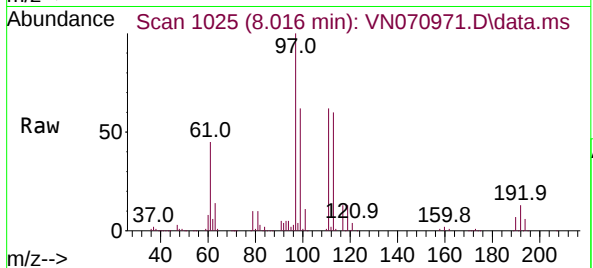
88 15.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.800 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

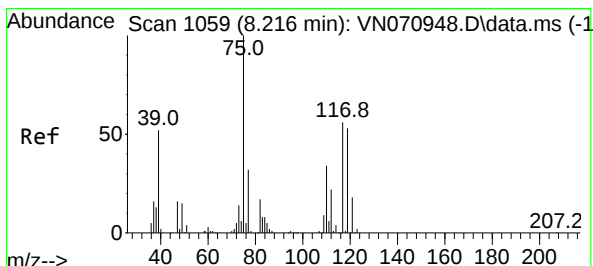
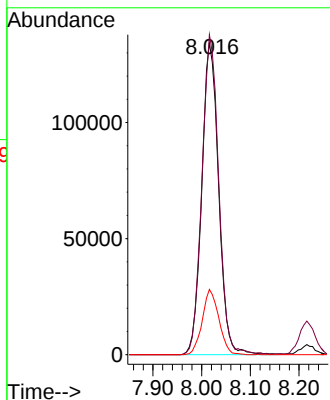
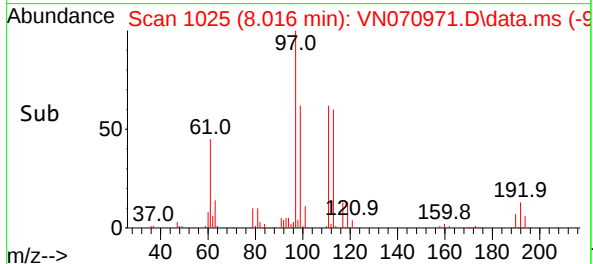
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 322334
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.6 16.9 25.3

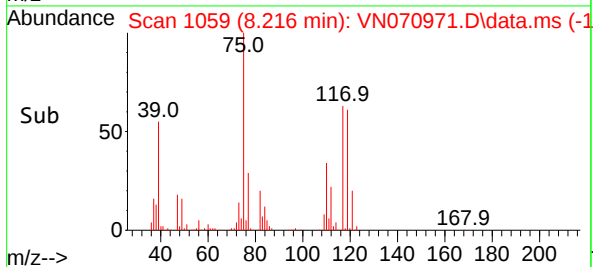
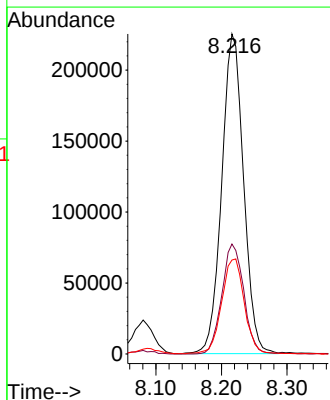
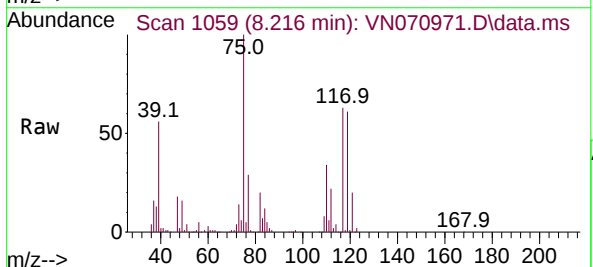
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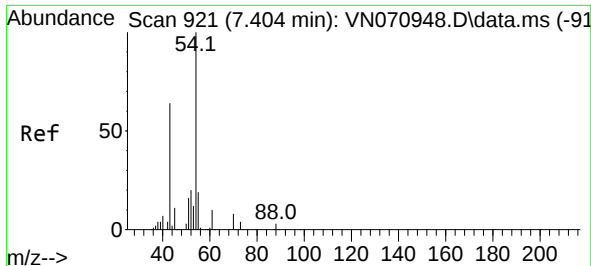
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#36
1,1-Dichloropropene
Concen: 48.095 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion: 75 Resp: 520468
Ion Ratio Lower Upper
75 100
110 34.6 18.4 55.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 54.868 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 636784

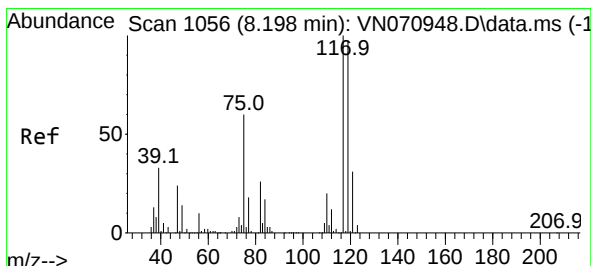
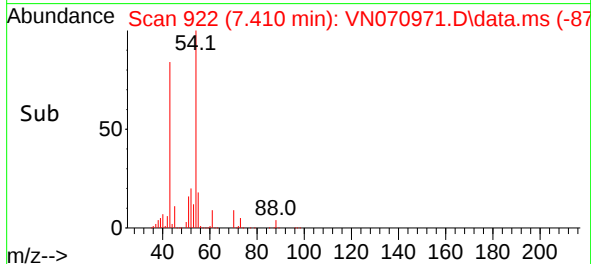
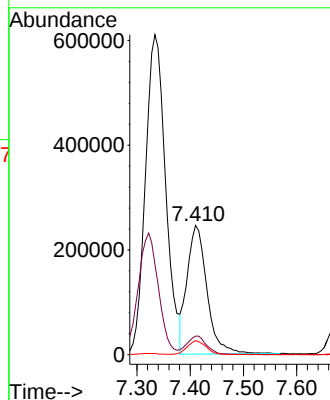
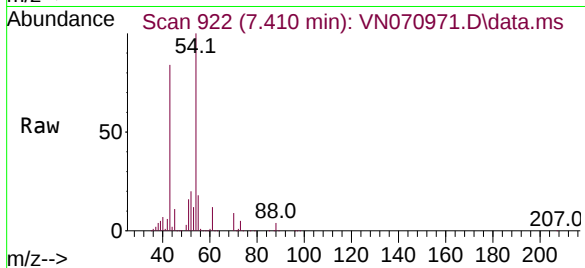
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	10.3	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#38

Carbon Tetrachloride

Concen: 48.840 ug/l

RT: 8.204 min Scan# 1057

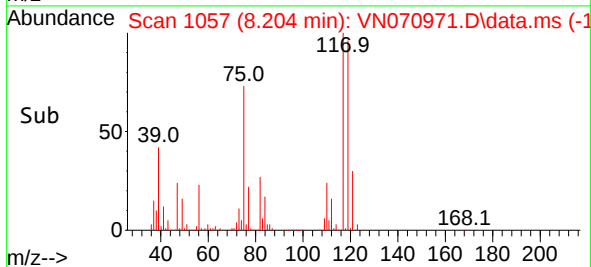
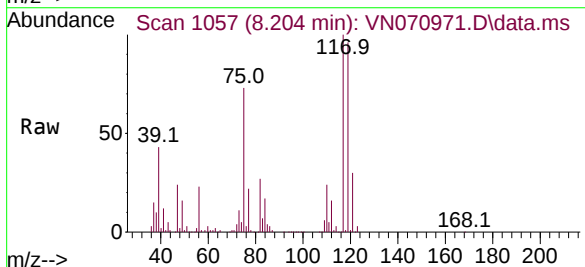
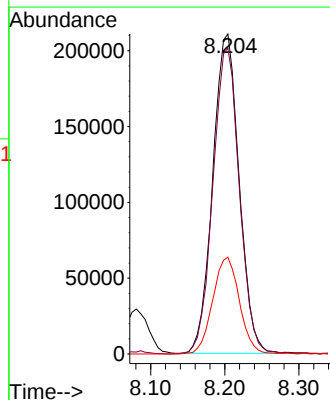
Delta R.T. 0.006 min

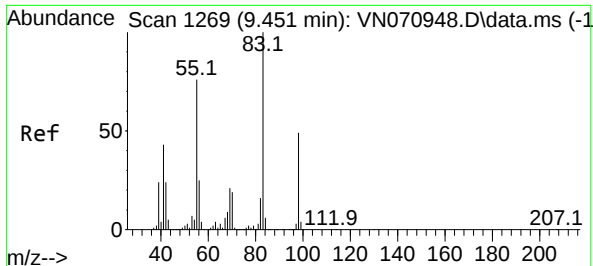
Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Tgt Ion:117 Resp: 520758

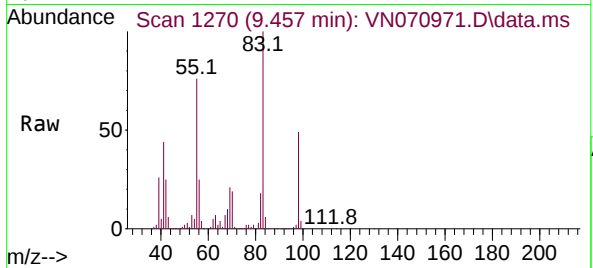
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.1	114.1
121	30.3	24.2	36.2





#39
Methylcyclohexane
Concen: 46.375 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

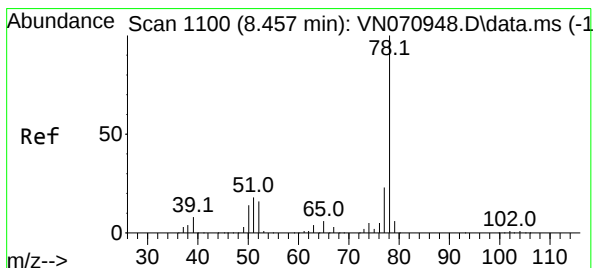
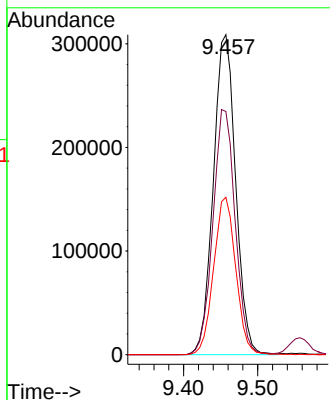
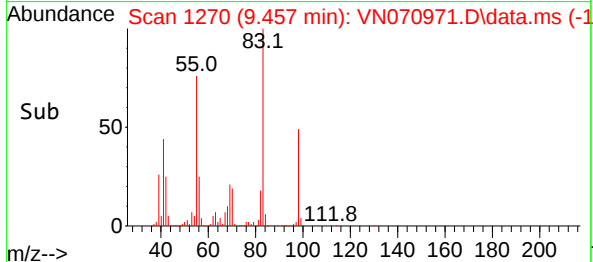
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 64575
Ion Ratio Lower Upper
83 100
55 76.0 58.1 87.1
98 49.2 38.4 57.6

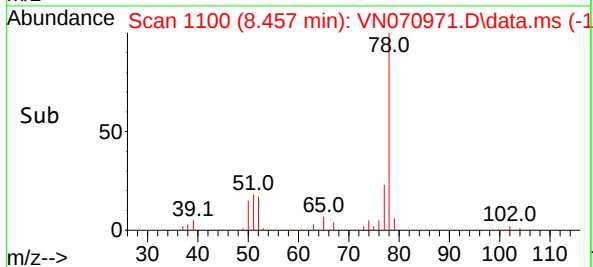
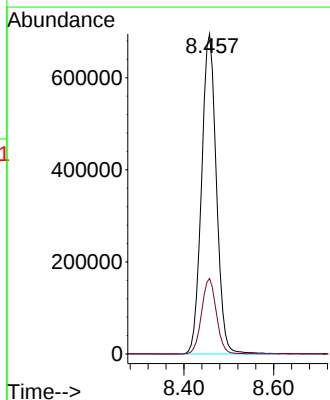
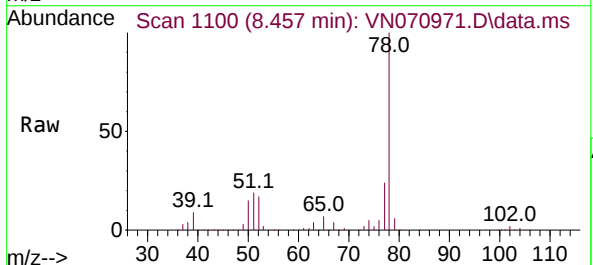
Manual Integrations
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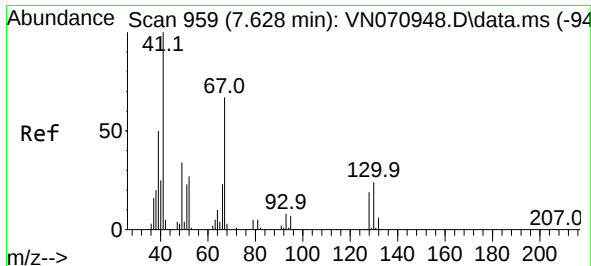
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Benzene
Concen: 49.844 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

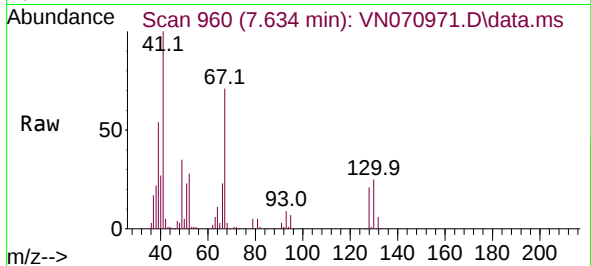
Tgt Ion: 78 Resp: 1595523
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 52.810 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

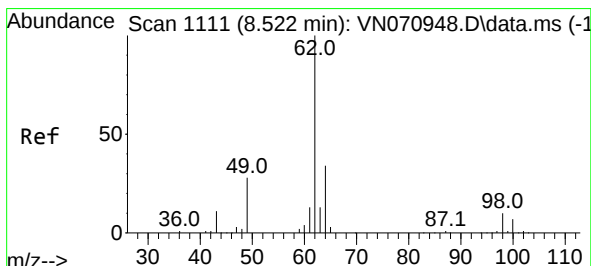
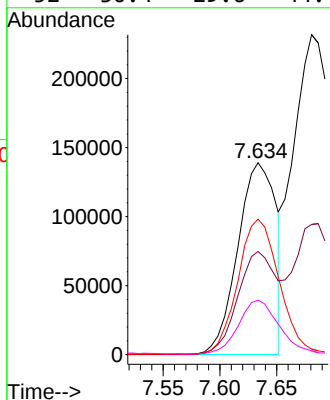
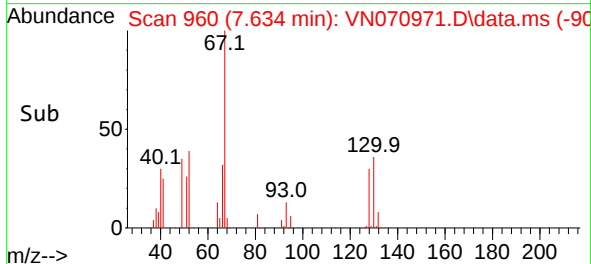
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 32280
Ion Ratio Lower Upper
41 100
39 52.9 48.1 72.1
67 78.5 68.3 102.5
52 30.4 29.6 44.4

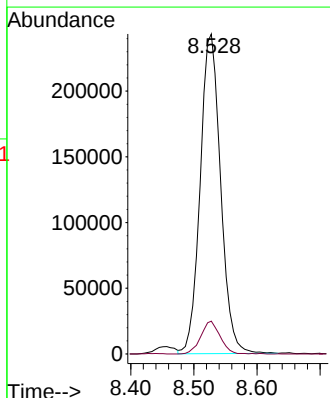
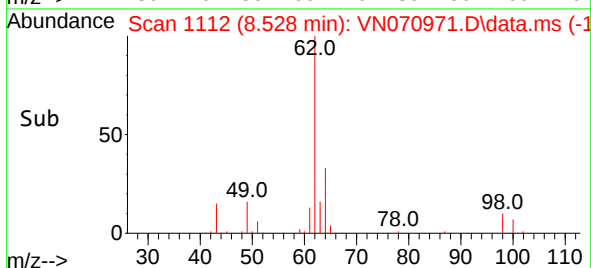
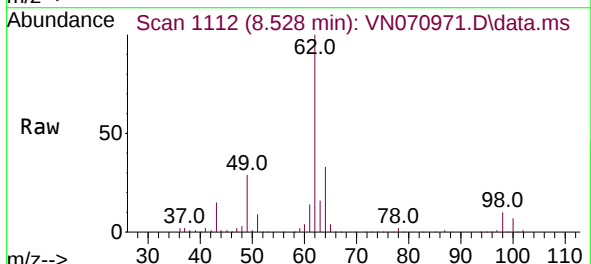
Manual Integrations
APPROVED

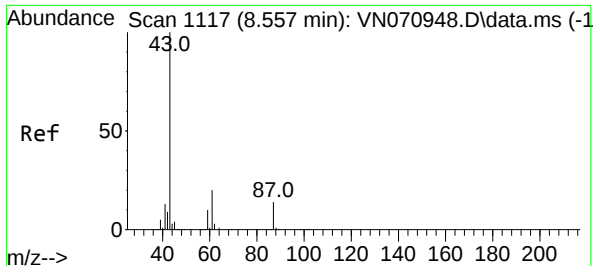
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 50.079 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

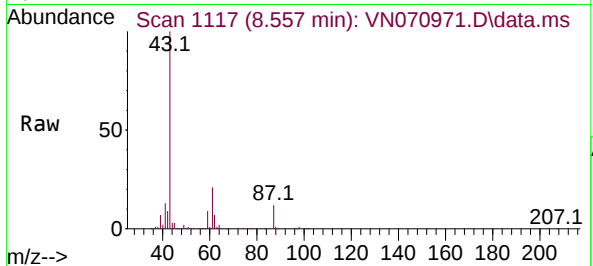
Tgt Ion: 62 Resp: 545961
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.201 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

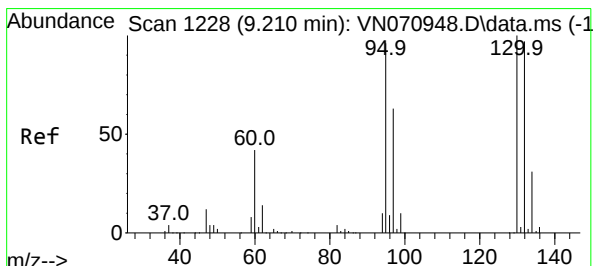
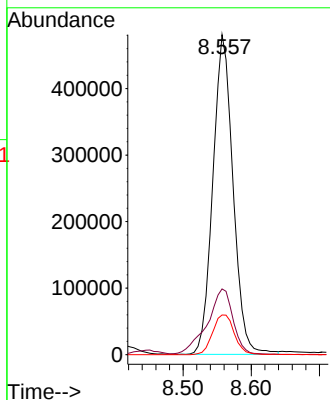
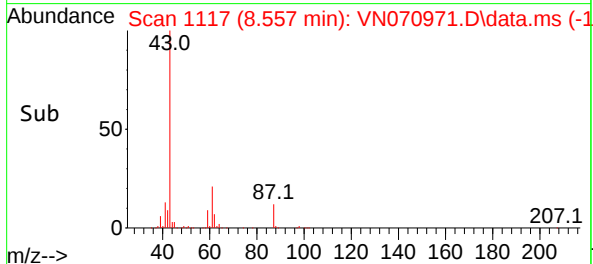
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



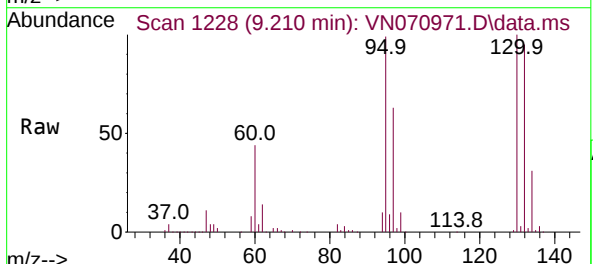
Tgt Ion: 43 Resp: 991511
Ion Ratio Lower Upper
43 100
61 26.4 20.4 30.6
87 13.3 11.2 16.8

Manual Integrations
APPROVED

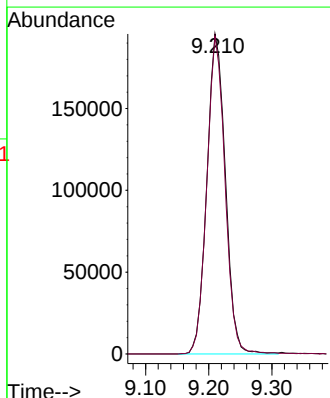
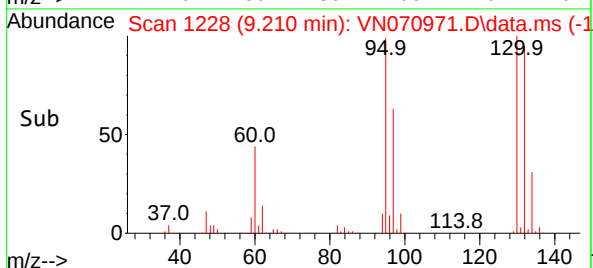
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

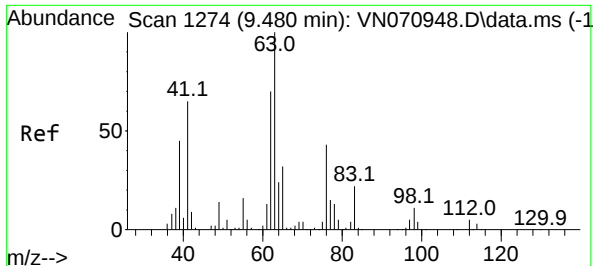


#44
Trichloroethene
Concen: 47.308 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion:130 Resp: 398767
Ion Ratio Lower Upper
130 100
95 99.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.945 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 41772

Ion Ratio Lower Upper

63 100

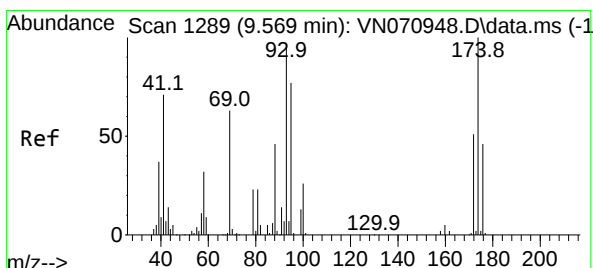
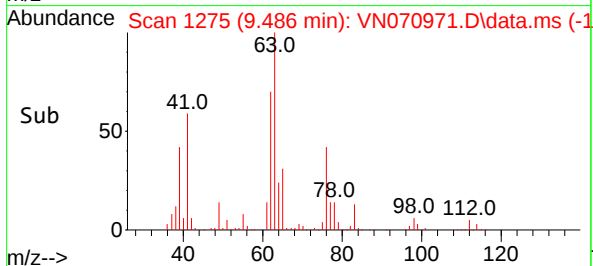
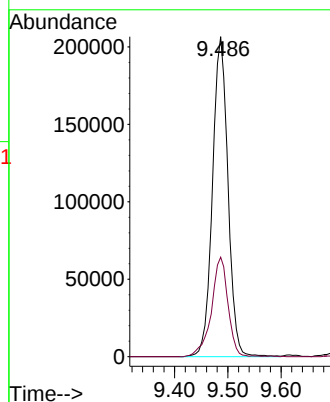
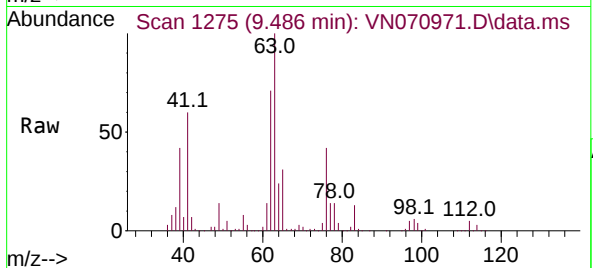
65 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 49.980 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

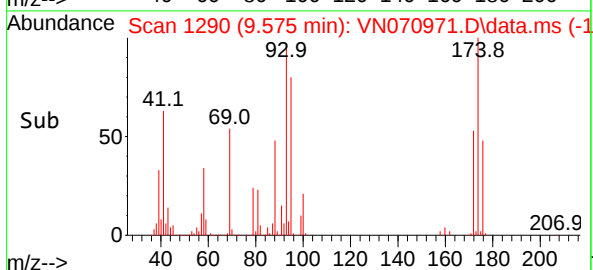
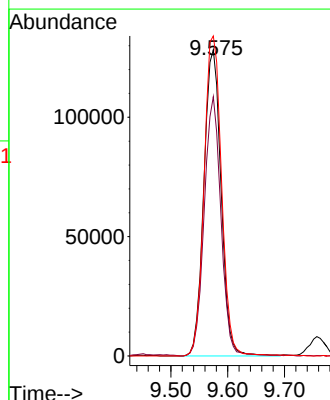
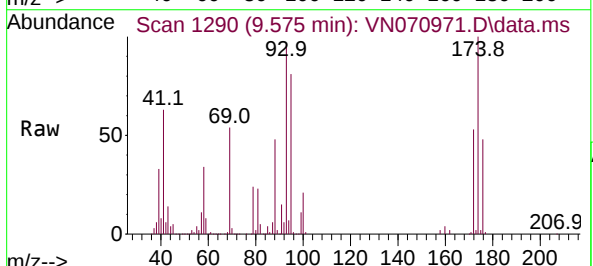
Tgt Ion: 93 Resp: 269696

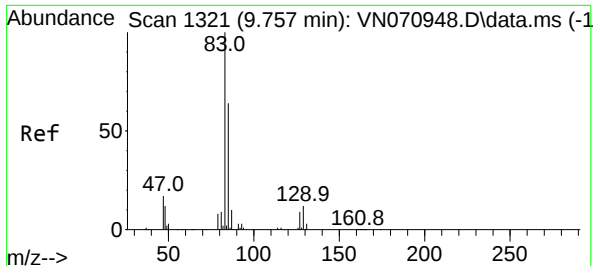
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

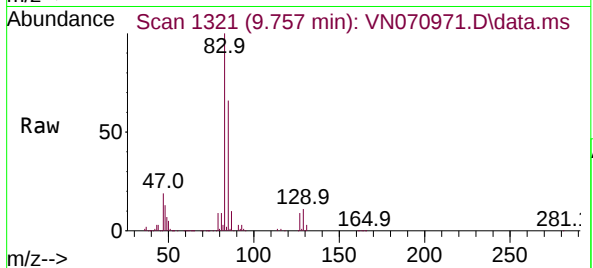
174 106.1 84.6 127.0





#47
Bromodichloromethane
Concen: 49.681 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

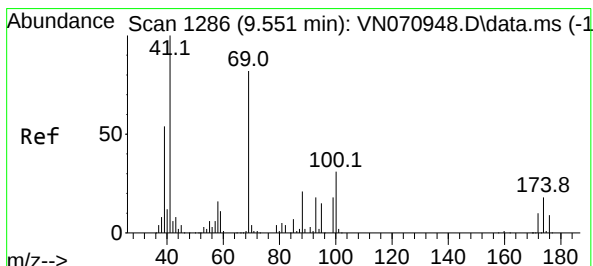
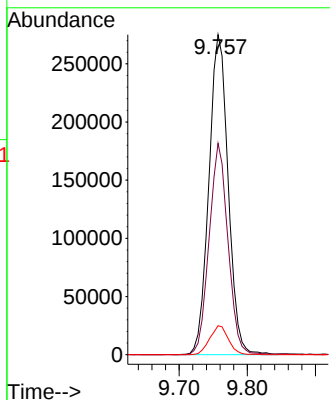
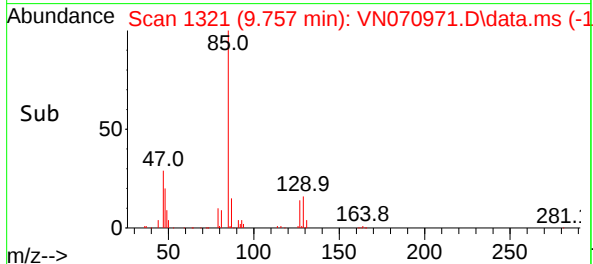
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



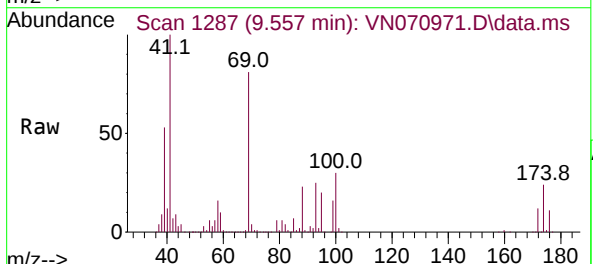
Tgt Ion: 83 Resp: 541800
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3
127 9.0 7.1 10.7

Manual Integrations
APPROVED

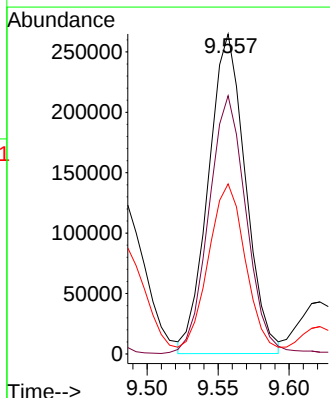
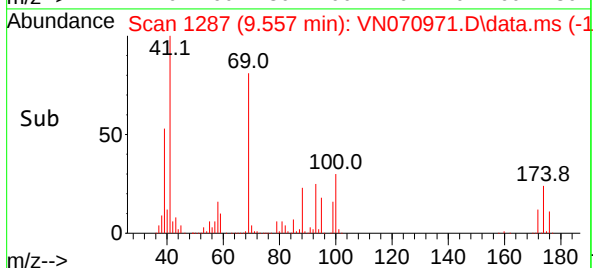
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

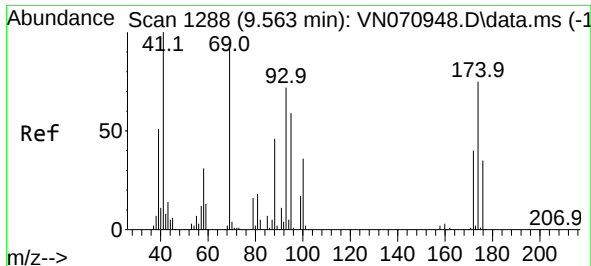


#48
Methyl methacrylate
Concen: 55.486 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion: 41 Resp: 480437
Ion Ratio Lower Upper
41 100
69 82.0 72.4 108.6
39 50.1 58.4 87.6





#49

1,4-Dioxane

Concen: 1047.077 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 16103

Ion Ratio Lower Upper

88 100

43 29.4 23.4 35.2

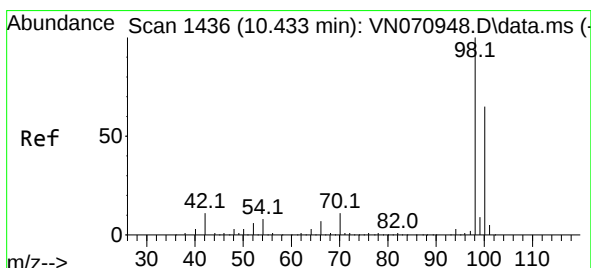
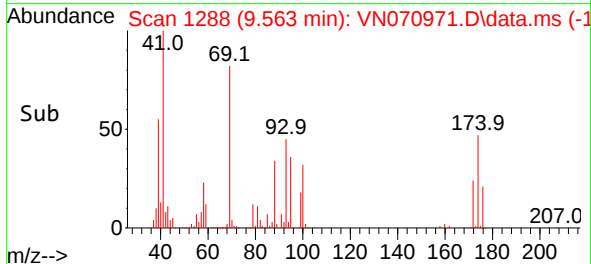
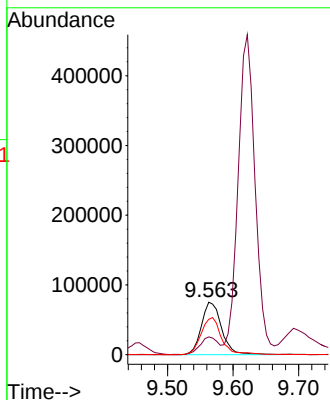
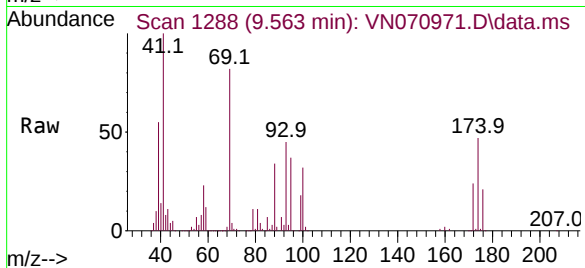
58 71.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 48.176 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN070971.D

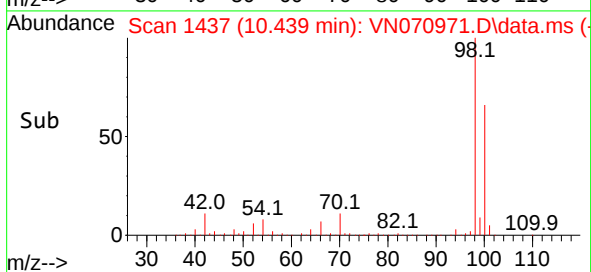
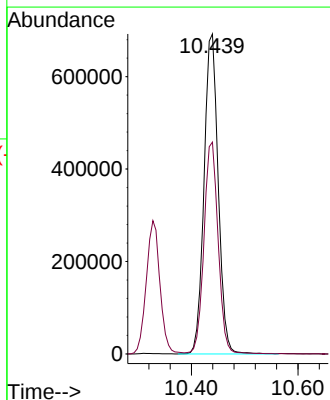
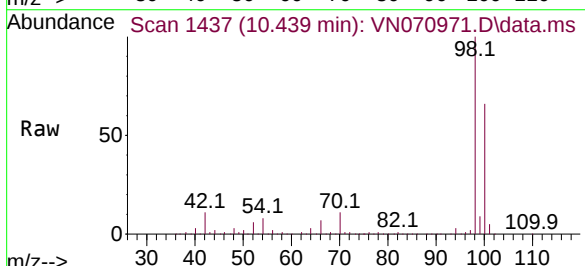
Acq: 16 Feb 2022 20:20

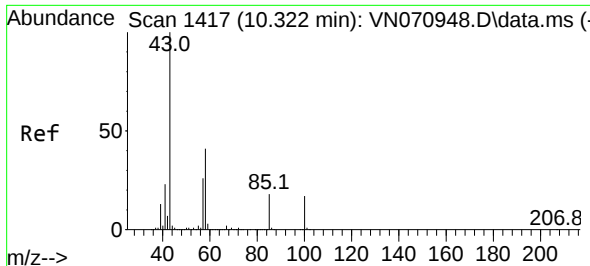
Tgt Ion: 98 Resp: 1277920

Ion Ratio Lower Upper

98 100

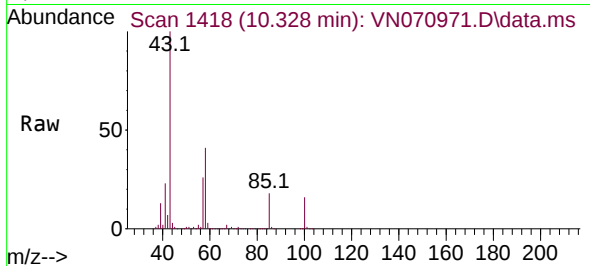
100 66.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 287.816 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

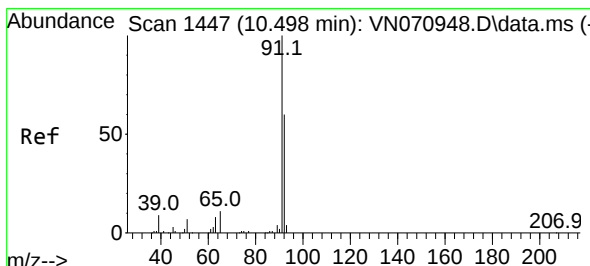
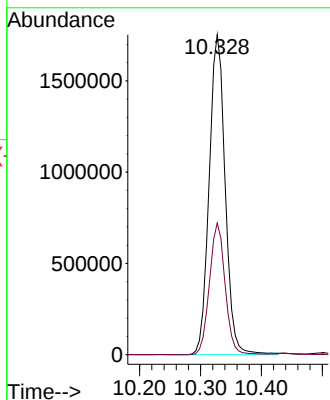
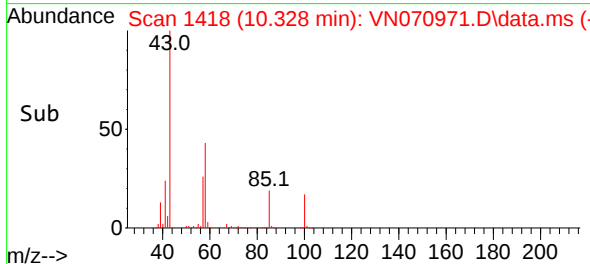
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



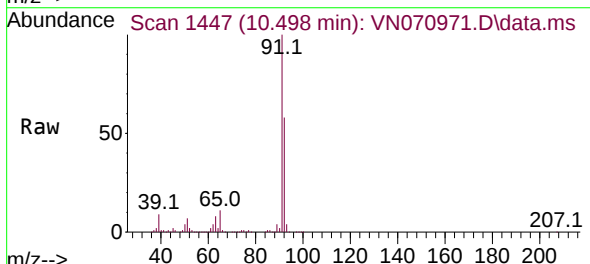
Tgt Ion: 43 Resp: 3203410
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

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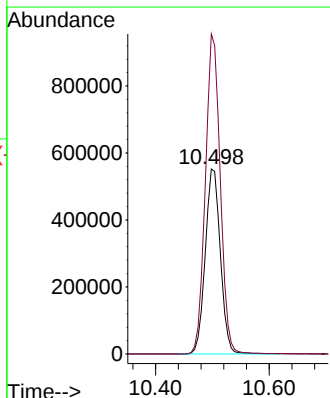
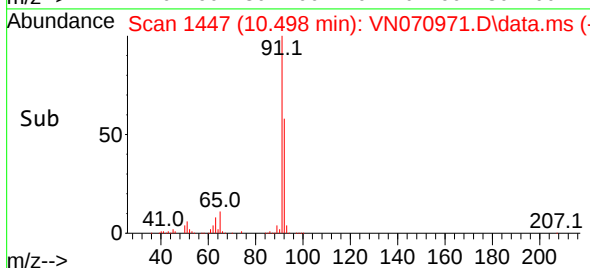
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

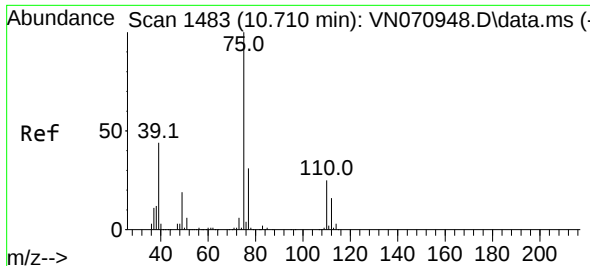


#52
Toluene
Concen: 50.591 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



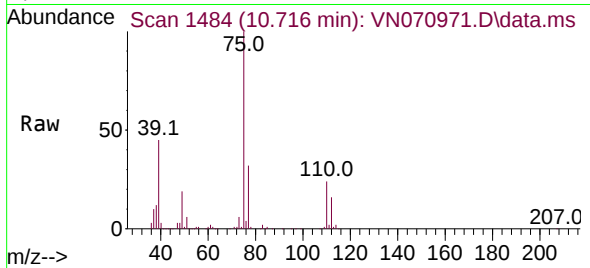
Tgt Ion: 92 Resp: 1017599
Ion Ratio Lower Upper
92 100
91 170.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.637 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

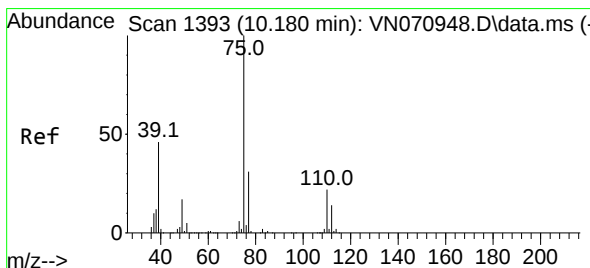
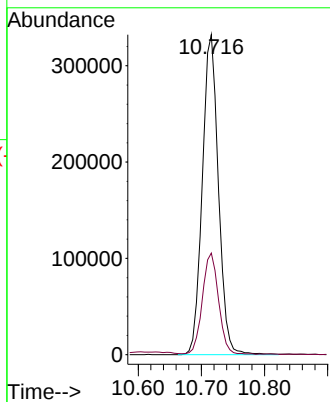
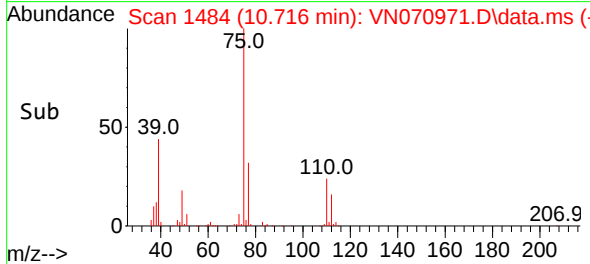
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



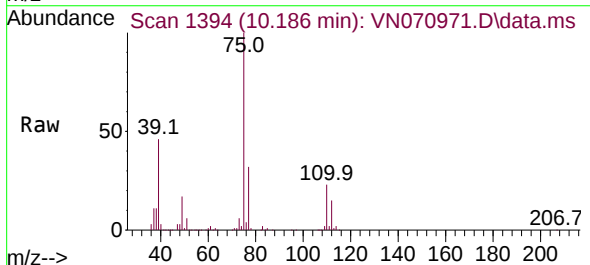
Tgt Ion: 75 Resp: 58861
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

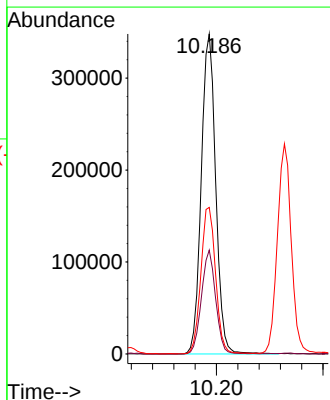
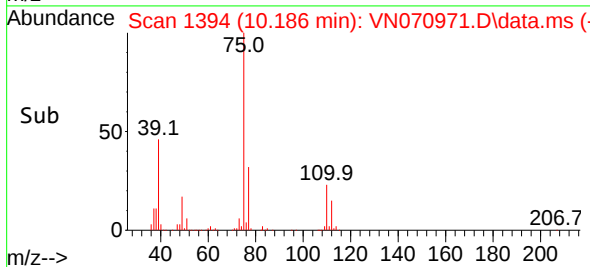
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

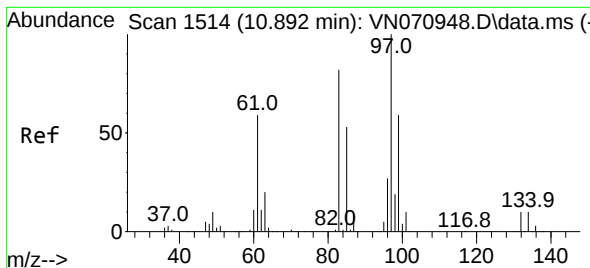


#54
cis-1,3-Dichloropropene
Concen: 50.273 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



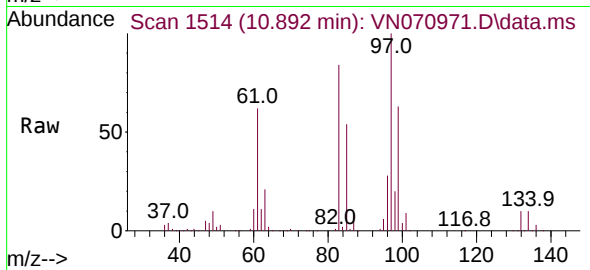
Tgt Ion: 75 Resp: 654708
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 45.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 50.605 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

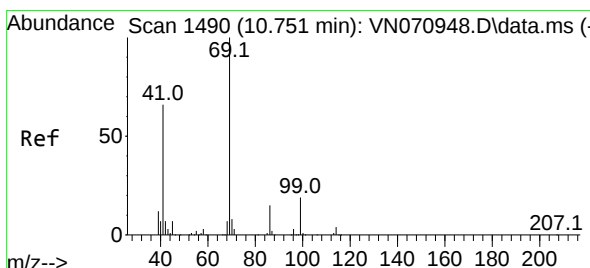
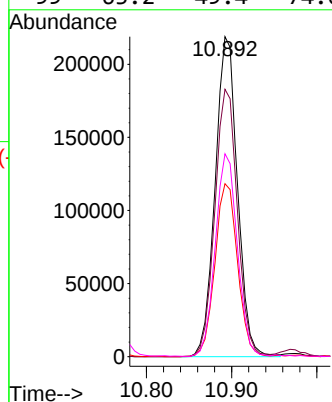
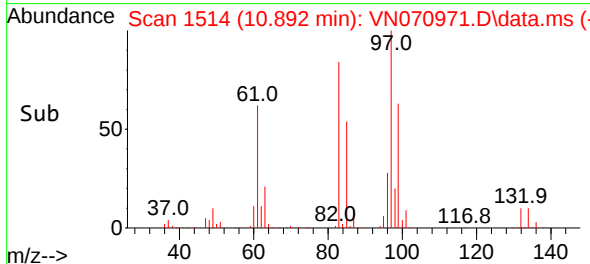
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



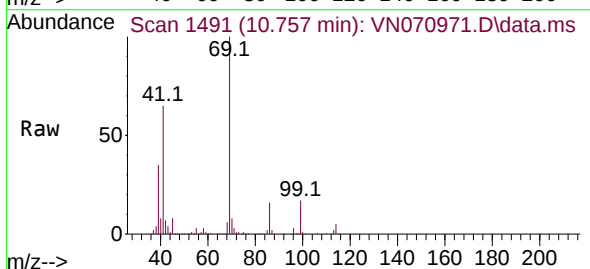
Tgt Ion: 97 Resp: 398428
Ion Ratio Lower Upper
97 100
83 83.6 67.8 101.6
85 54.1 45.4 68.2
99 63.2 49.4 74.0

Manual Integrations
APPROVED

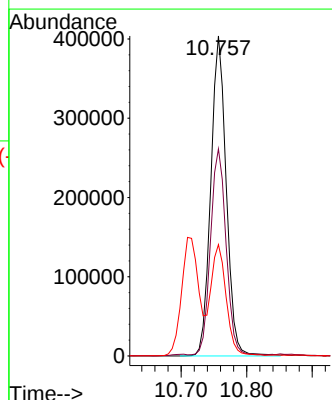
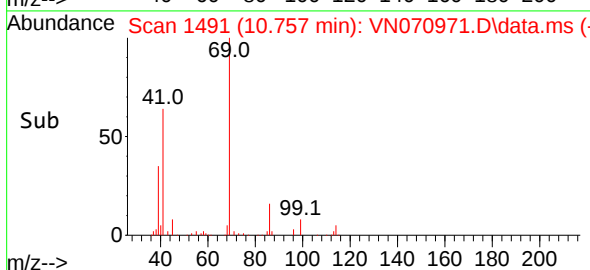
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

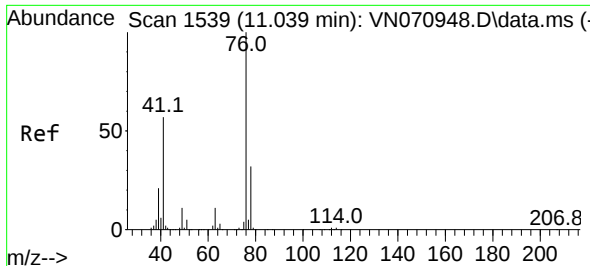


#56
Ethyl methacrylate
Concen: 55.782 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion: 69 Resp: 661726
Ion Ratio Lower Upper
69 100
41 64.6 51.4 77.0
39 35.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.747 ug/l

RT: 11.039 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 704724

Ion Ratio Lower Upper

76 100

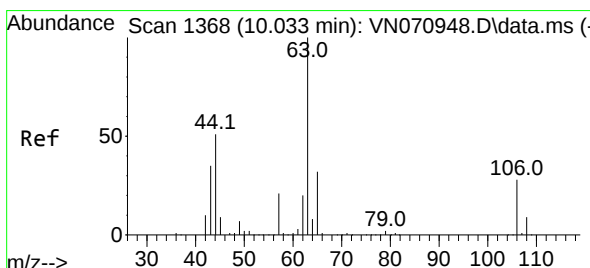
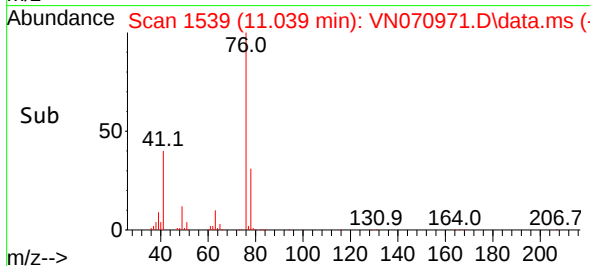
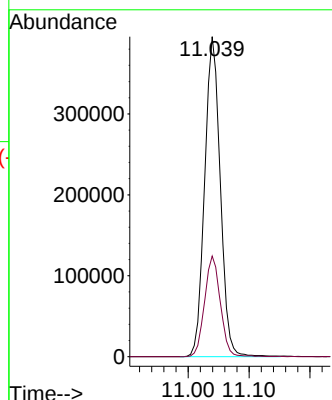
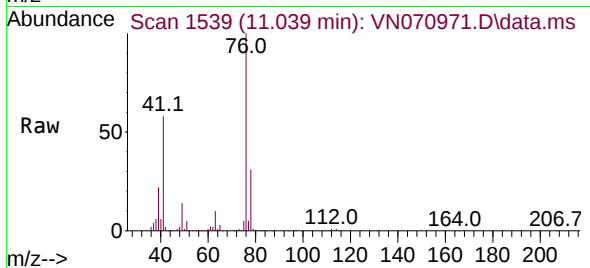
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 231.587 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN070971.D

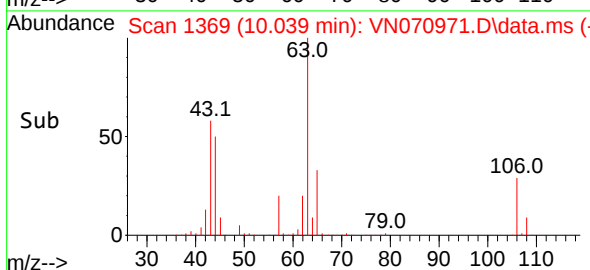
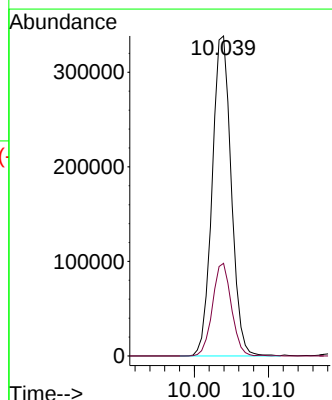
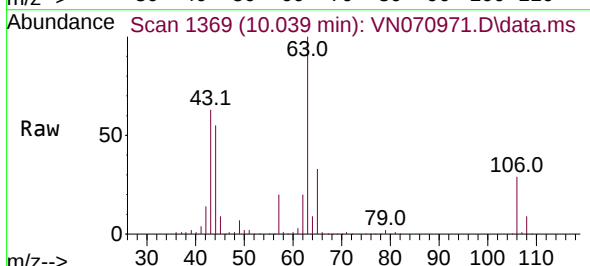
Acq: 16 Feb 2022 20:20

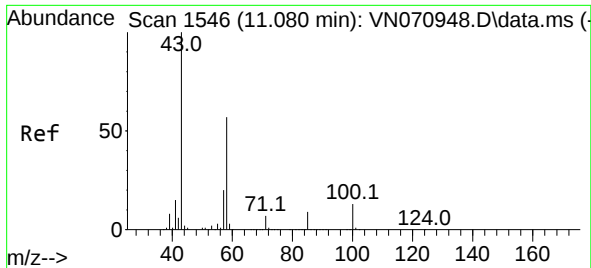
Tgt Ion: 63 Resp: 604013

Ion Ratio Lower Upper

63 100

106 28.7 23.9 35.9





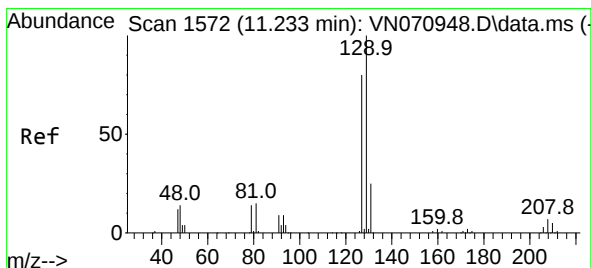
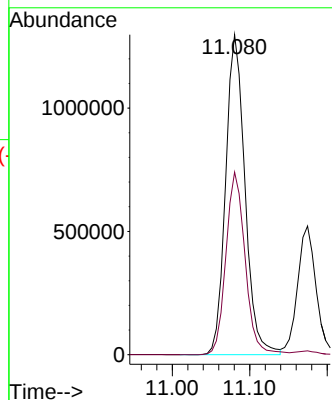
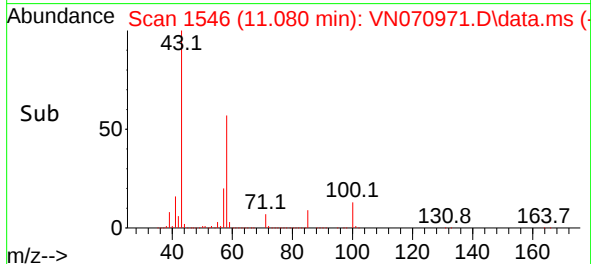
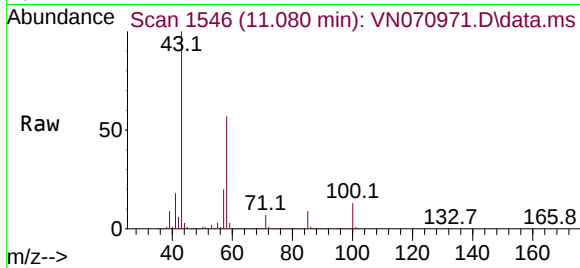
#59
2-Hexanone
Concen: 294.527 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 225452
Ion Ratio Lower Upper
43 100
58 56.7 26.9 80.7

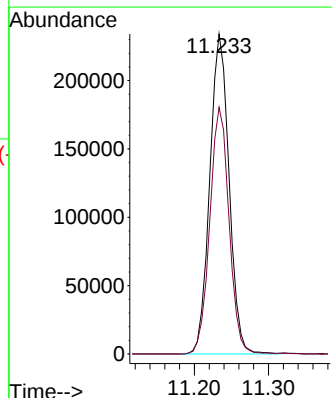
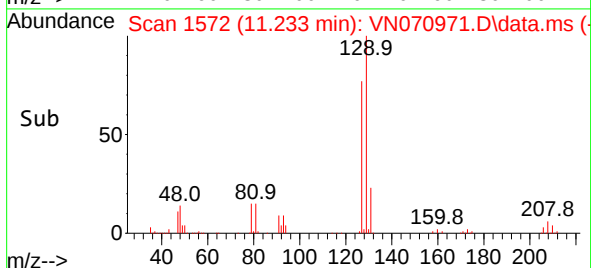
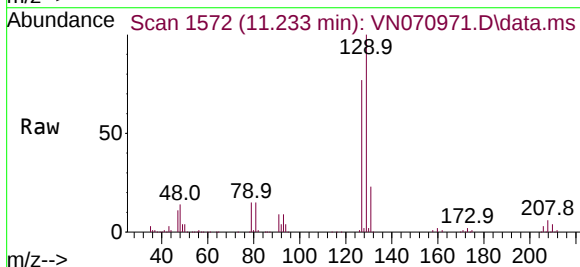
Manual Integrations
APPROVED

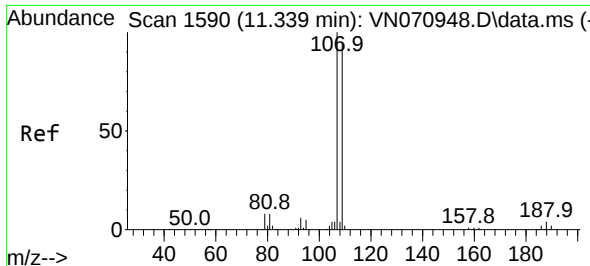
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 50.806 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

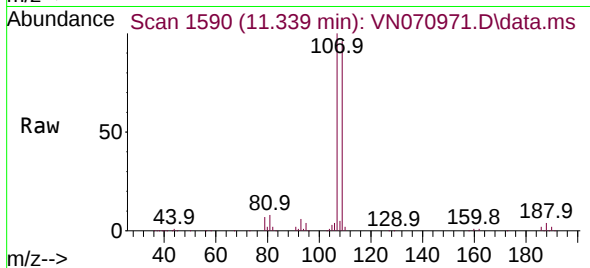
Tgt Ion:129 Resp: 422744
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.213 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

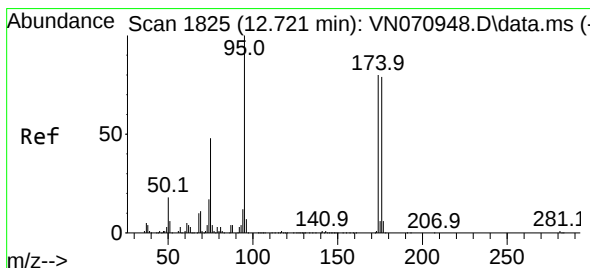
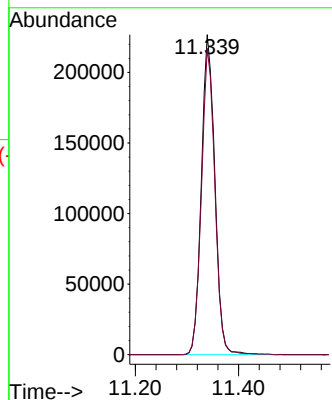
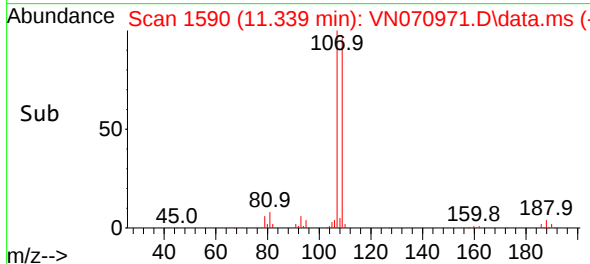
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



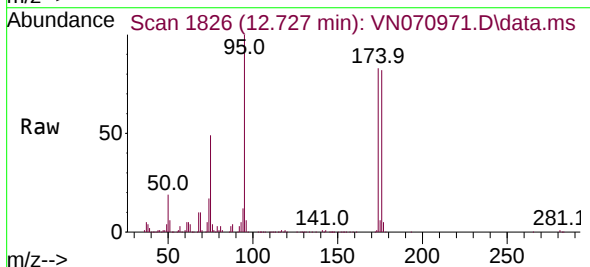
Tgt Ion:107 Resp: 41013
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5

Manual Integrations
APPROVED

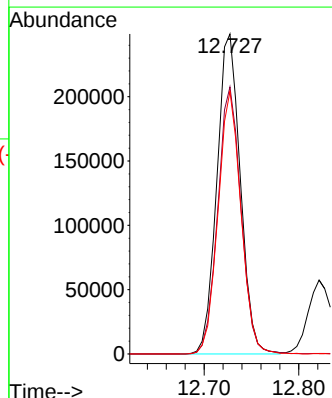
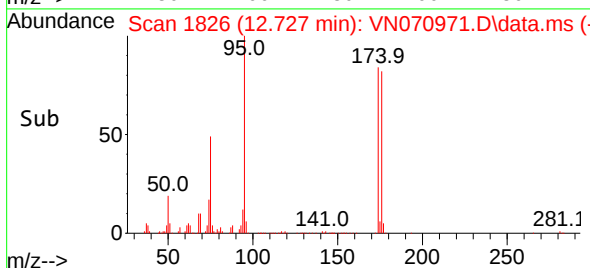
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

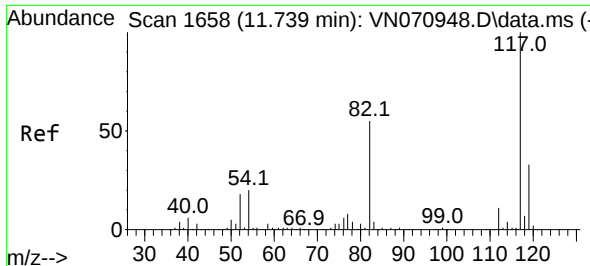


#62
4-Bromofluorobenzene
Concen: 45.109 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



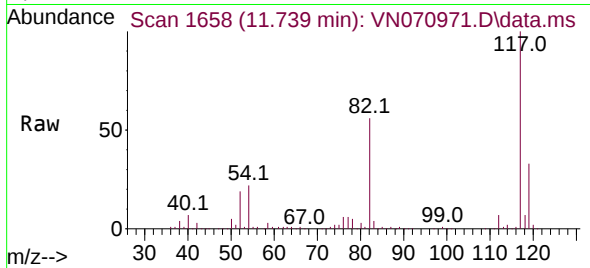
Tgt Ion: 95 Resp: 427701
Ion Ratio Lower Upper
95 100
174 82.8 0.0 187.2
176 80.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

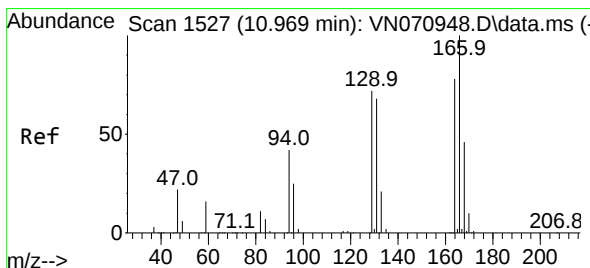
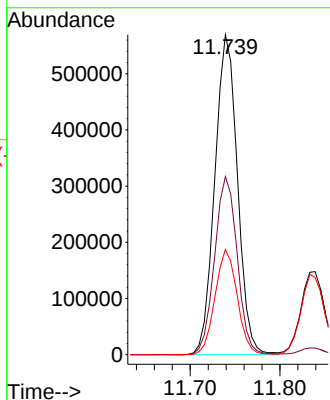
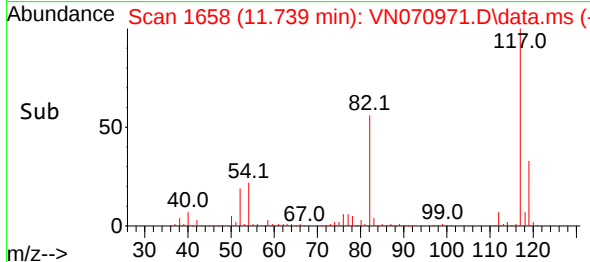
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



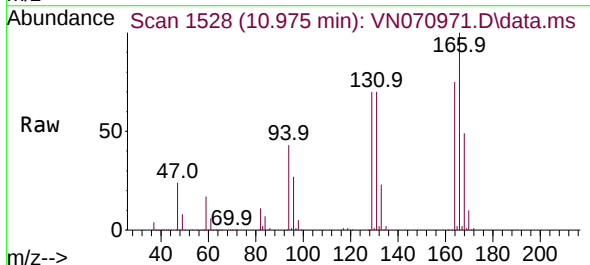
Tgt Ion:117 Resp: 99855
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 32.9 25.4 38.2

Manual Integrations
APPROVED

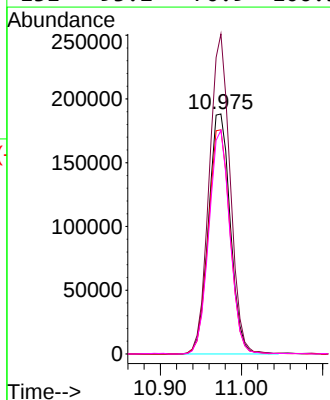
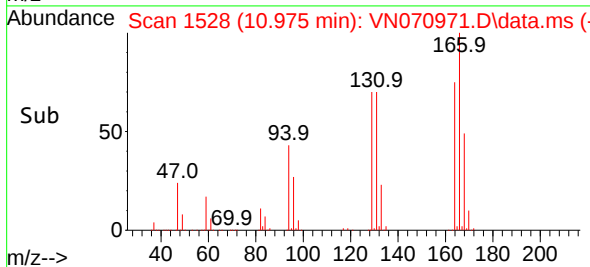
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

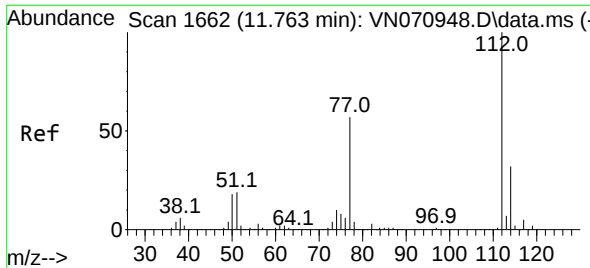


#64
Tetrachloroethene
Concen: 45.135 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



Tgt Ion:164 Resp: 351004
Ion Ratio Lower Upper
164 100
166 133.3 101.9 152.9
129 93.4 72.0 108.0
131 93.2 70.9 106.3





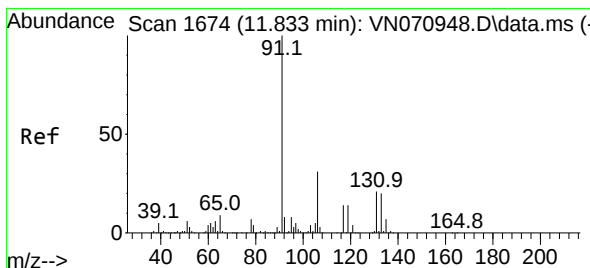
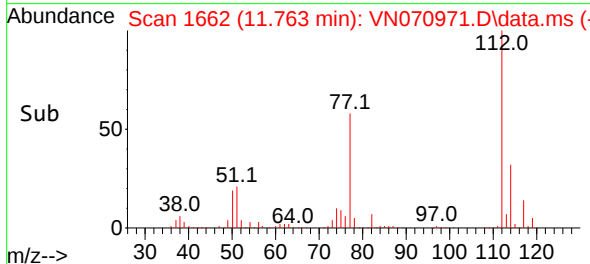
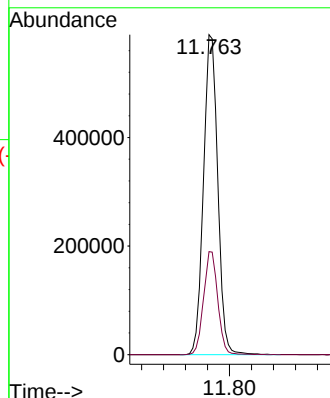
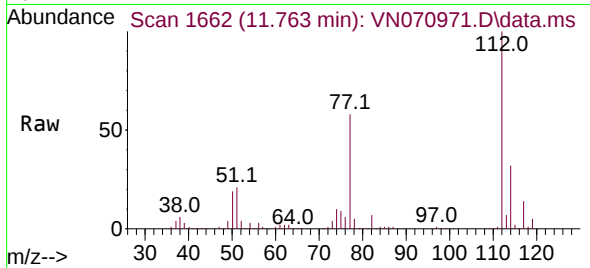
#65
Chlorobenzene
Concen: 49.322 ug/l
RT: 11.763 min Scan# 1162
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 106126
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

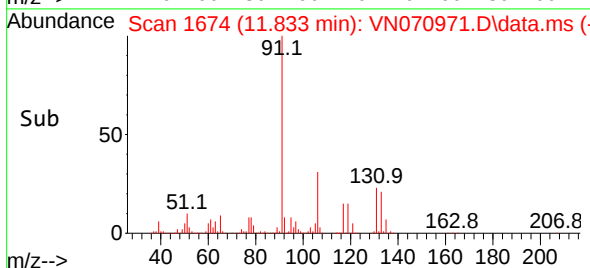
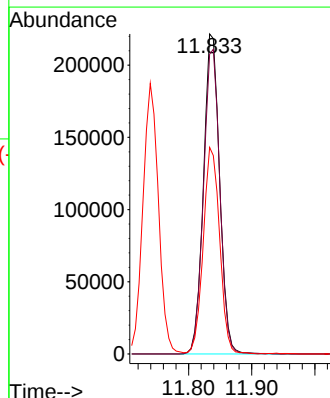
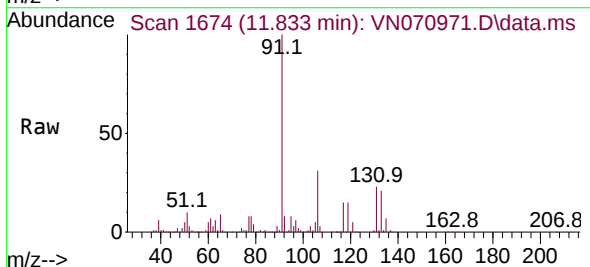
Manual Integrations
APPROVED

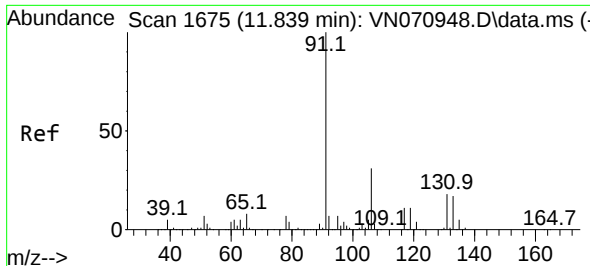
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.116 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:131 Resp: 393085
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 65.6 32.1 96.5





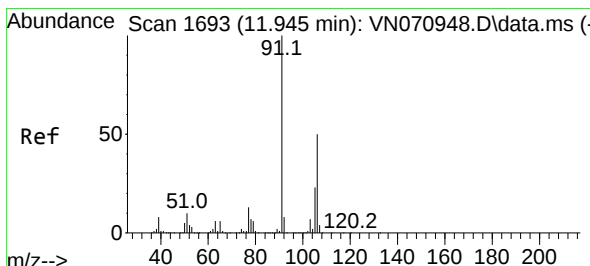
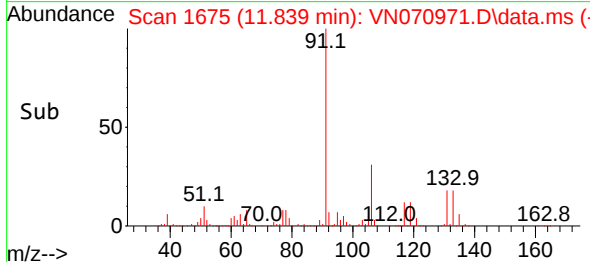
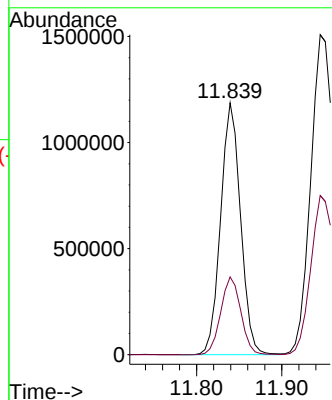
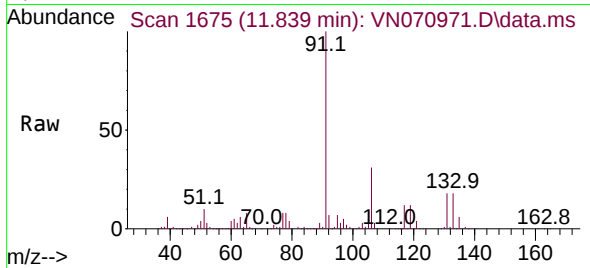
#67
Ethyl Benzene
Concen: 51.204 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 192834
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

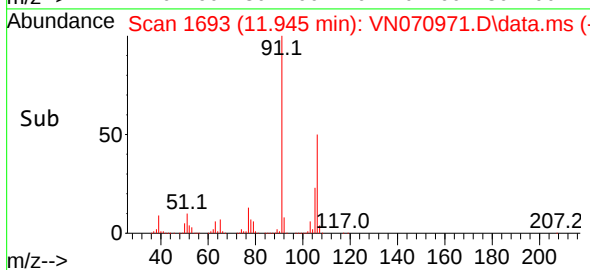
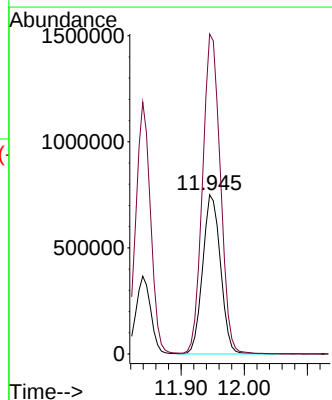
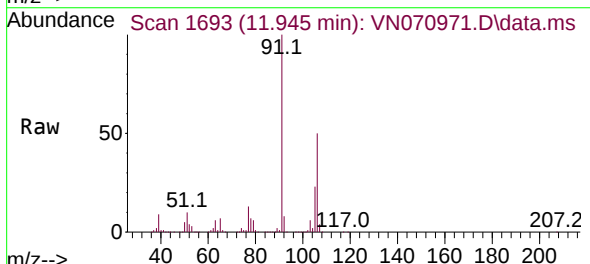
Manual Integrations
APPROVED

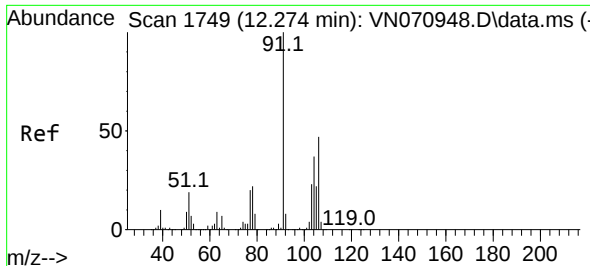
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
m/p-Xylenes
Concen: 101.267 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:106 Resp: 1473121
Ion Ratio Lower Upper
106 100
91 201.0 160.6 240.8





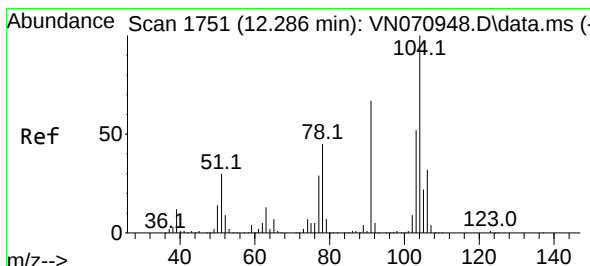
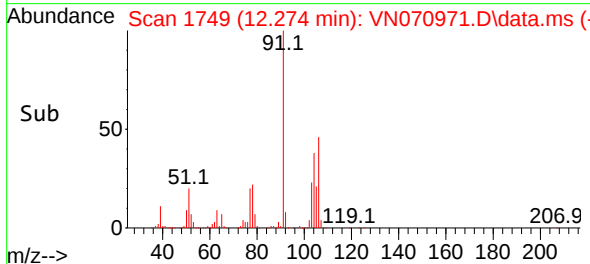
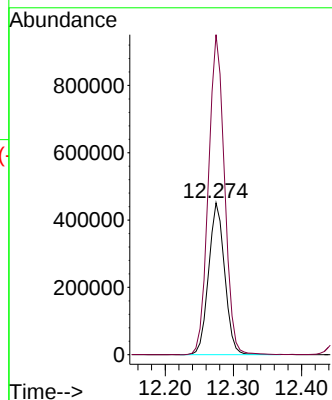
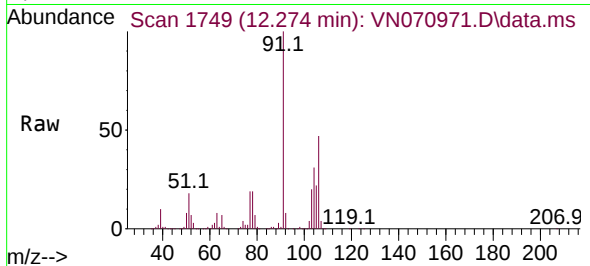
#69
o-Xylene
Concen: 51.973 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 73855
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3

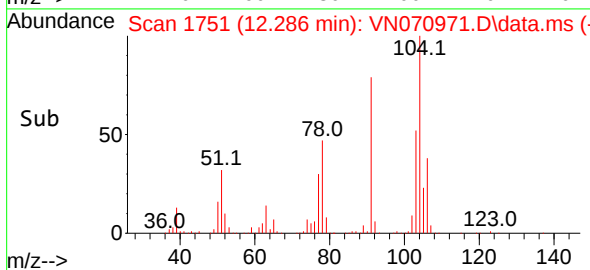
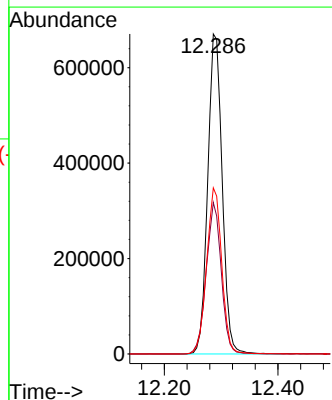
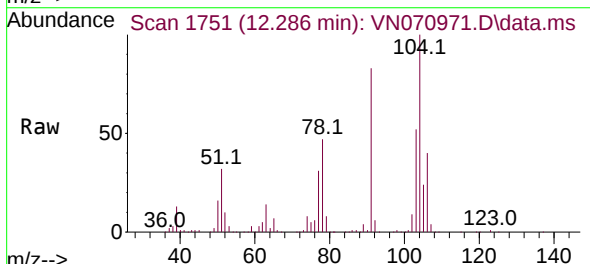
Manual Integrations
APPROVED

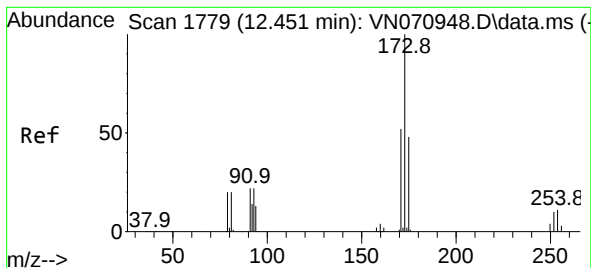
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 52.270 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:104 Resp: 1181061
Ion Ratio Lower Upper
104 100
78 49.2 38.7 58.1
103 54.4 45.0 67.6





#71

Bromoform

Concen: 51.673 ug/l

RT: 12.457 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 32278

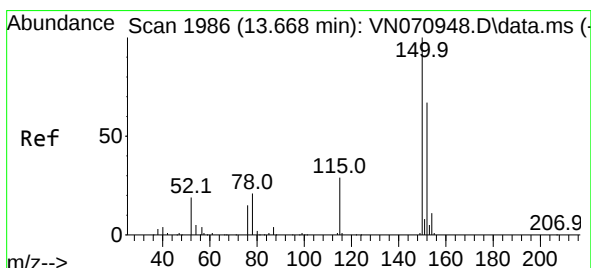
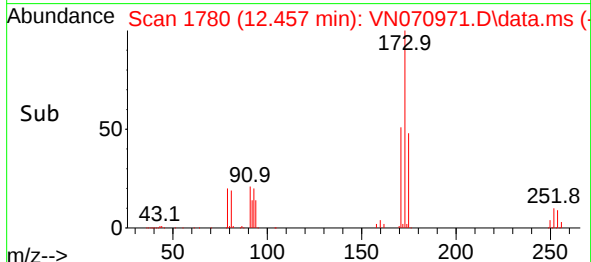
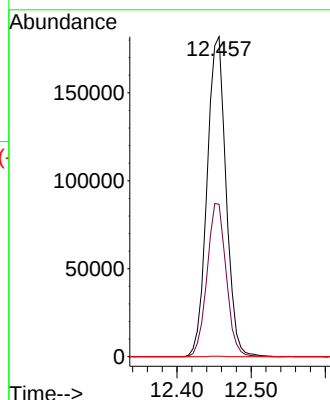
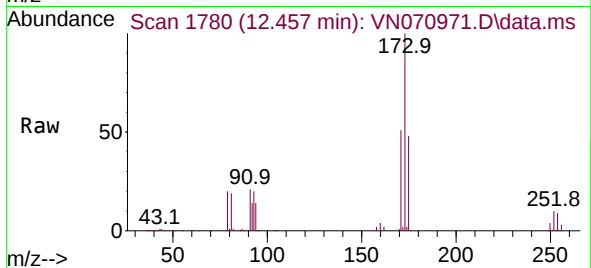
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

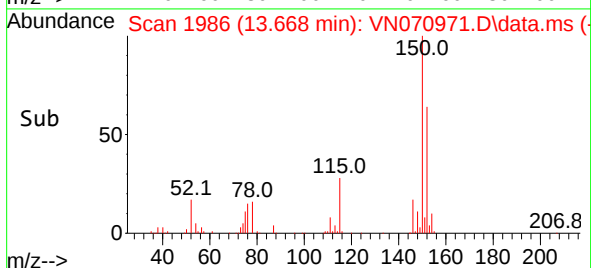
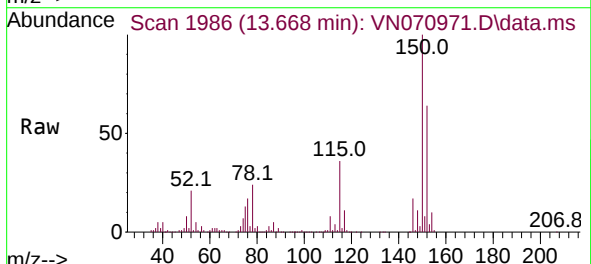
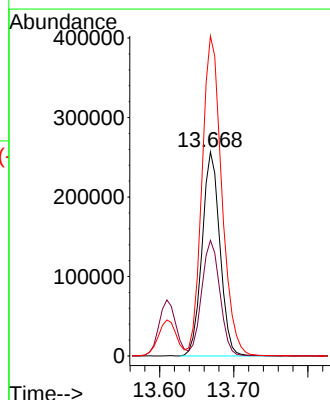
Delta R.T. 0.000 min

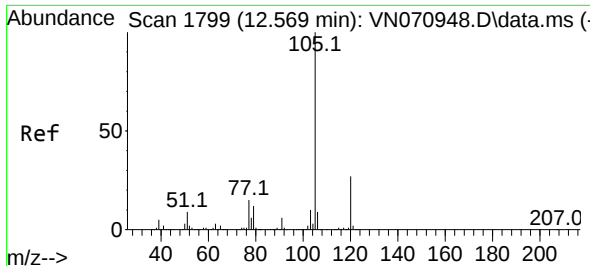
Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Tgt Ion:152 Resp: 428313

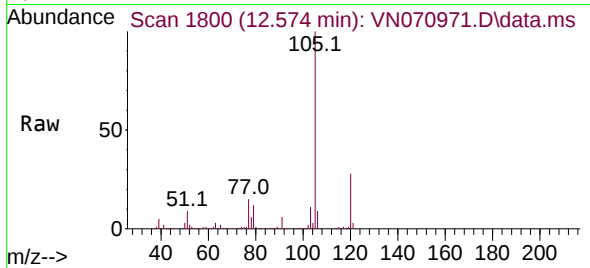
Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.5	82.5
150	174.7	0.0	344.4





#73
Isopropylbenzene
Concen: 54.504 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

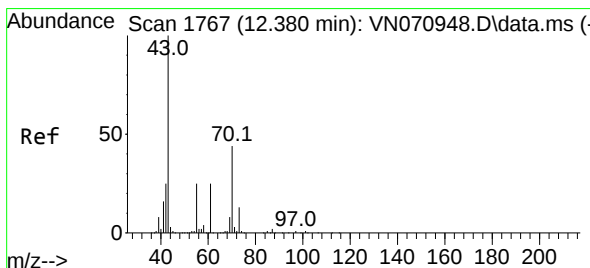
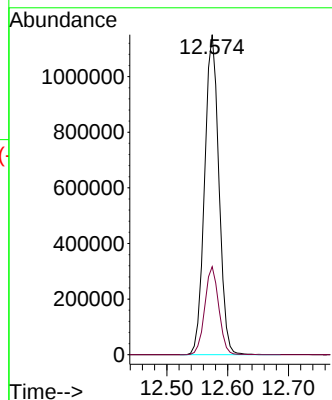
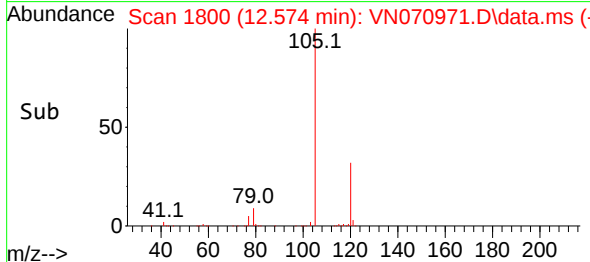
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 187904
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

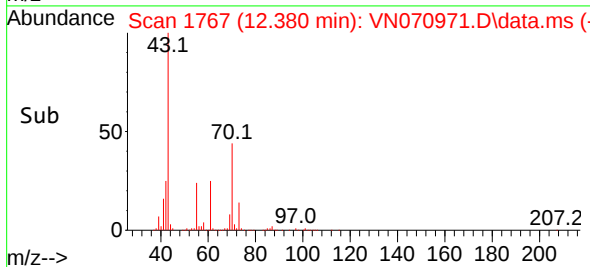
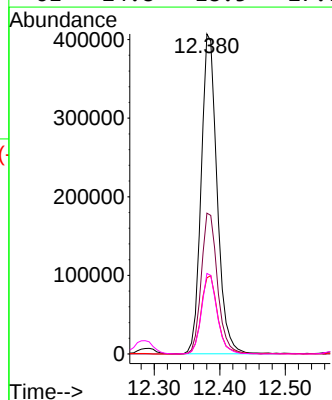
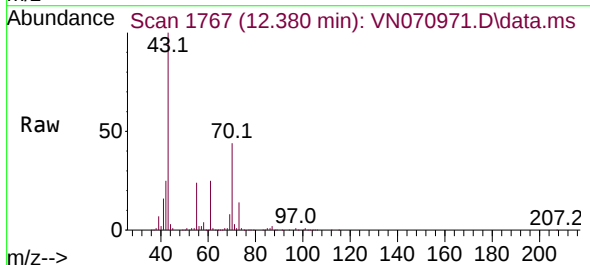
Manual Integrations
APPROVED

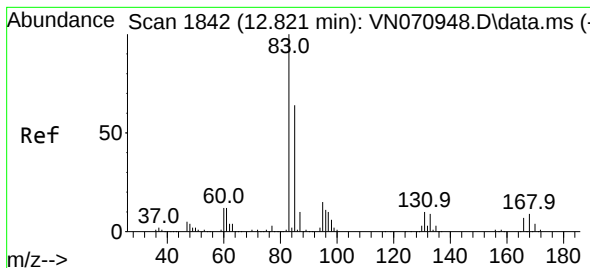
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 62.439 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

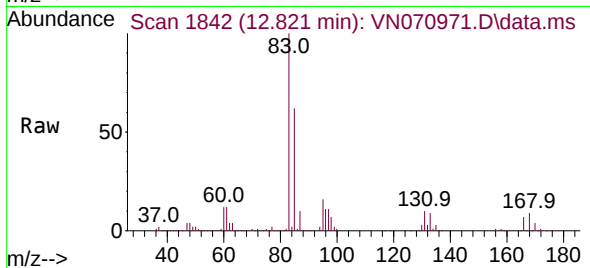
Tgt Ion: 43 Resp: 688094
Ion Ratio Lower Upper
43 100
70 44.9 33.4 50.0
55 25.2 19.3 28.9
61 24.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.500 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

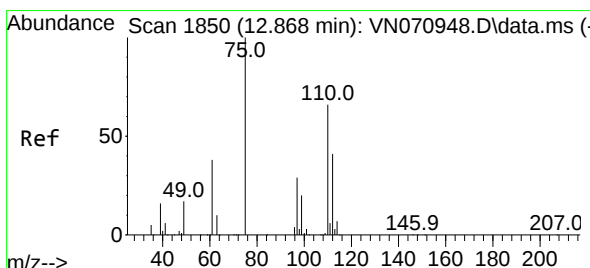
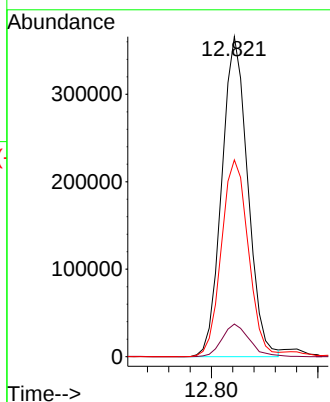
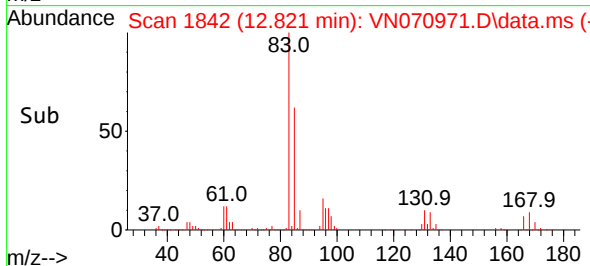
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



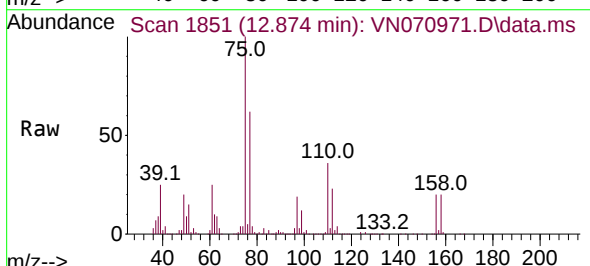
Tgt Ion: 83 Resp: 61897
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.5
85 63.8 32.4 97.2

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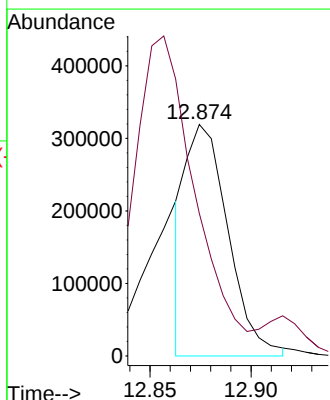
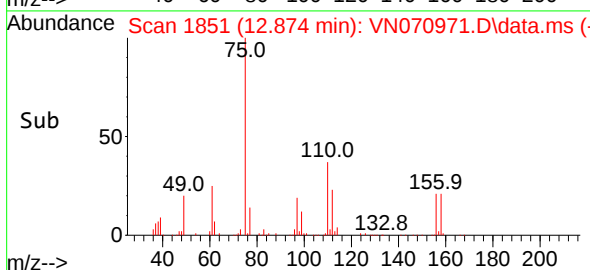
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

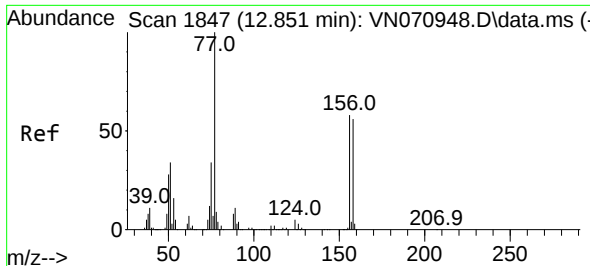


#76
1,2,3-Trichloropropane
Concen: 46.481 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



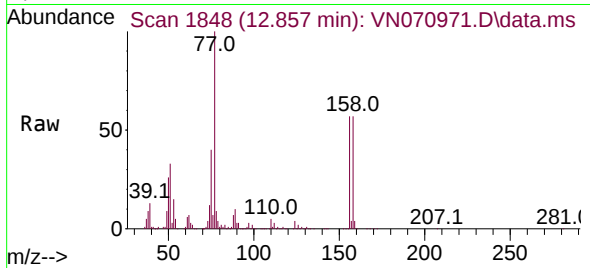
Tgt Ion: 75 Resp: 468744
Ion Ratio Lower Upper
75 100
77 197.6 82.6 247.8





#77
Bromobenzene
Concen: 52.474 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

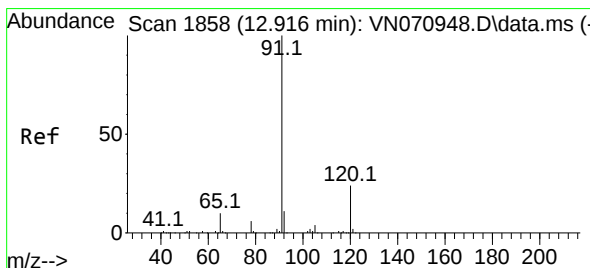
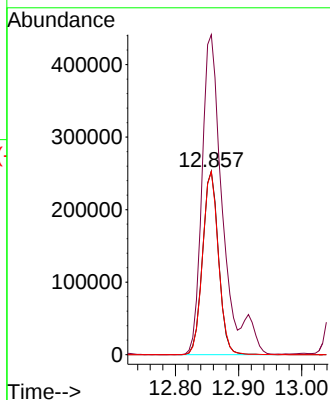
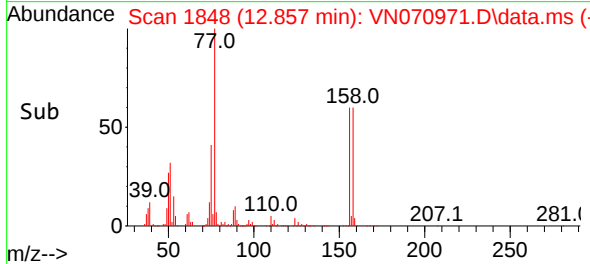
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 442860
Ion Ratio Lower Upper
156 100
77 209.1 90.6 271.8
158 99.4 48.9 146.7

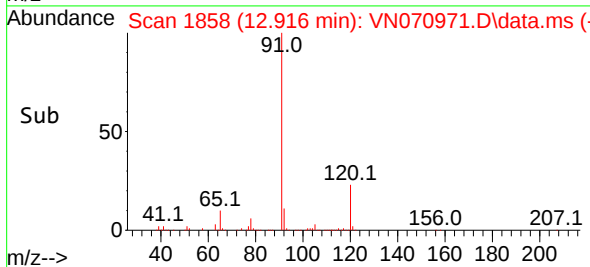
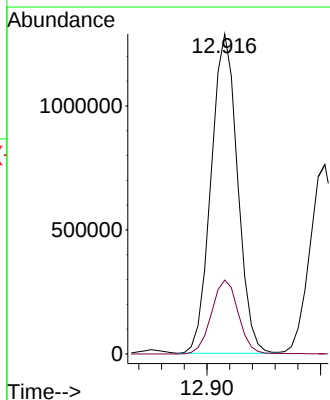
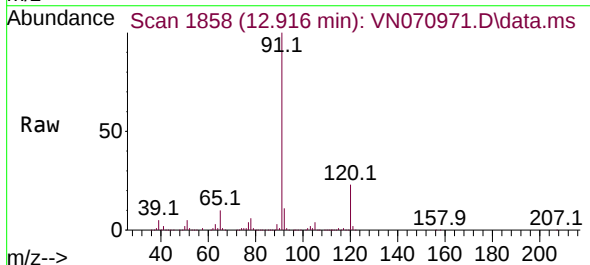
Manual Integrations
APPROVED

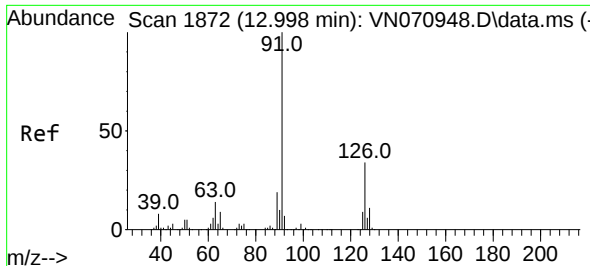
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 53.826 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion: 91 Resp: 2084958
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9





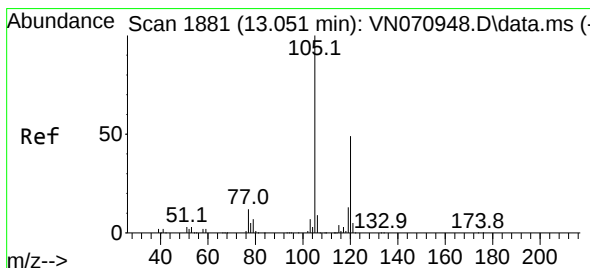
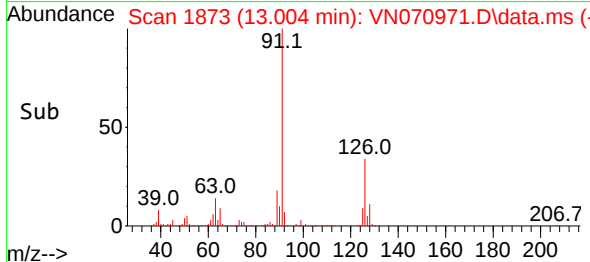
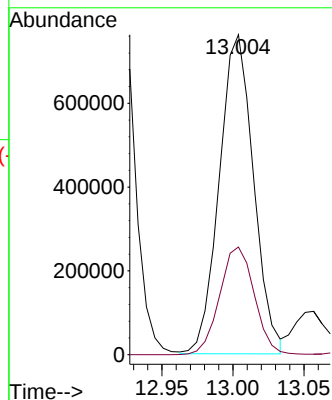
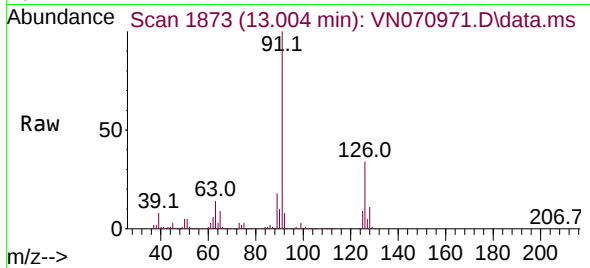
#79
2-Chlorotoluene
Concen: 54.383 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 127926
Ion Ratio Lower Upper
91 100
126 34.2 18.3 54.8

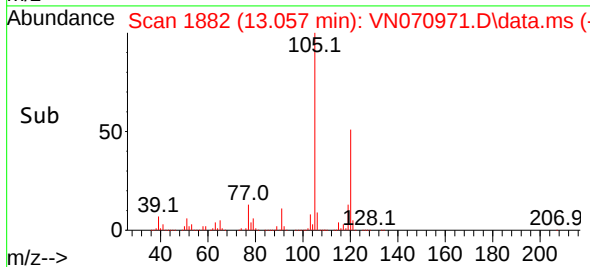
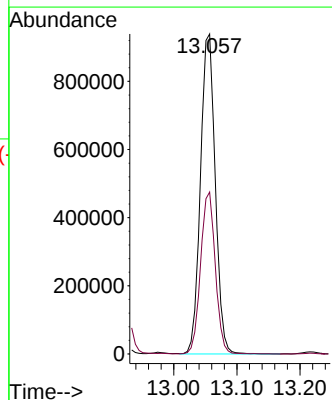
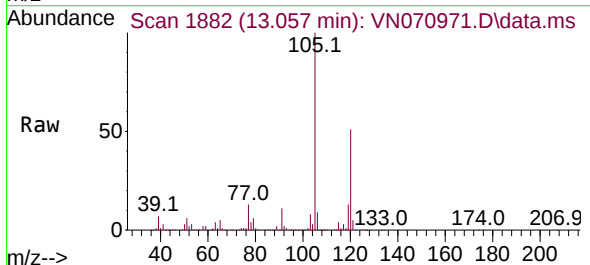
Manual Integrations
APPROVED

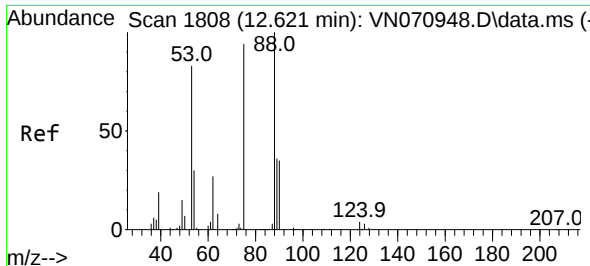
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.615 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:105 Resp: 1525426
Ion Ratio Lower Upper
105 100
120 50.4 24.6 73.6





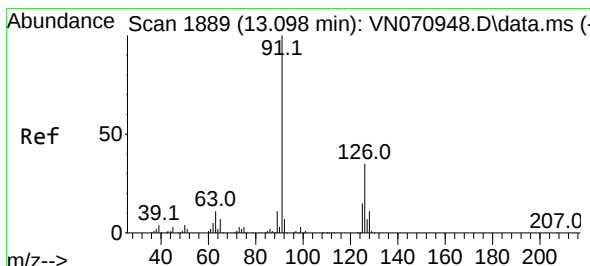
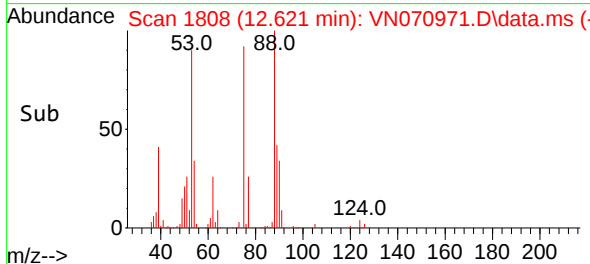
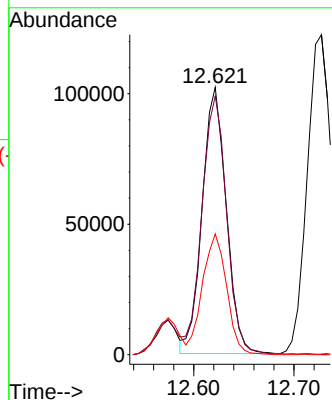
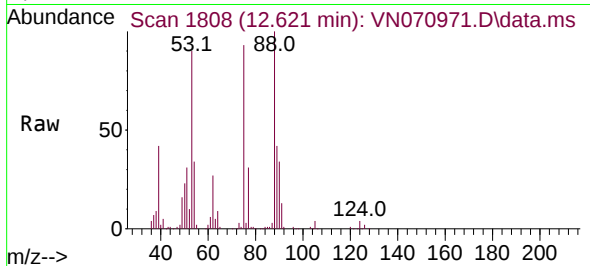
#81
trans-1,4-Dichloro-2-butene
Concen: 54.755 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 17040
Ion Ratio Lower Upper
75 100
53 100.1 90.5 135.7
89 45.7 38.2 57.4

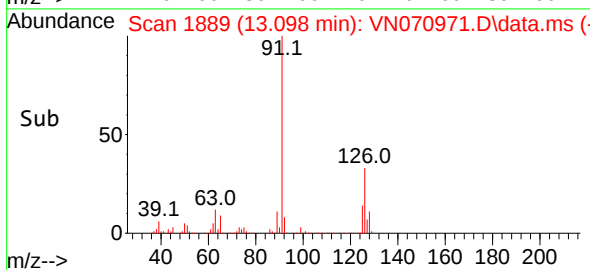
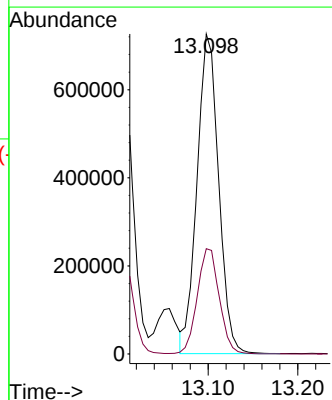
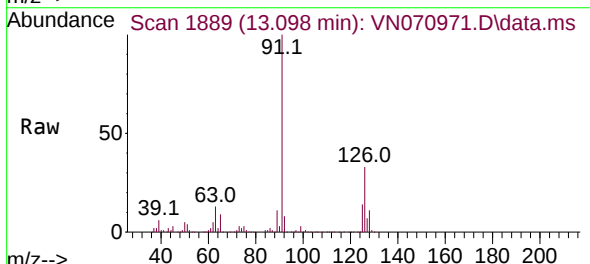
Manual Integrations
APPROVED

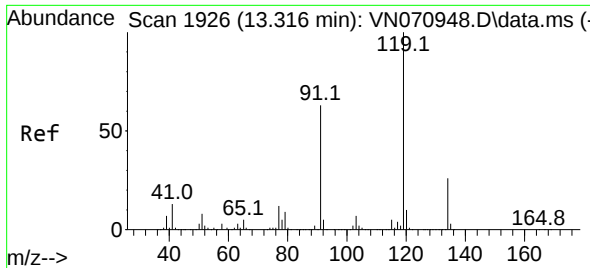
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 53.009 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion: 91 Resp: 1210419
Ion Ratio Lower Upper
91 100
126 33.6 18.2 54.6





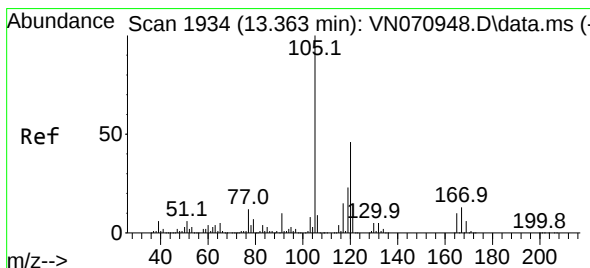
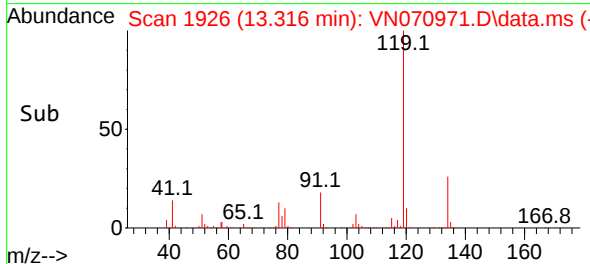
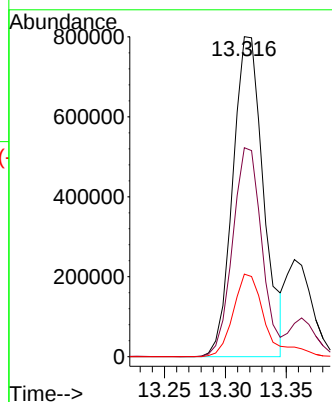
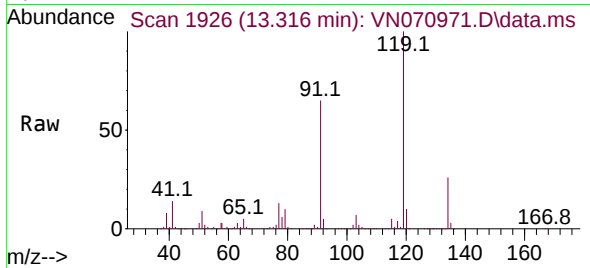
#83
tert-Butylbenzene
Concen: 53.054 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 1405314
Ion Ratio Lower Upper
119 100
91 62.1 31.5 94.5
134 26.9 12.4 37.4

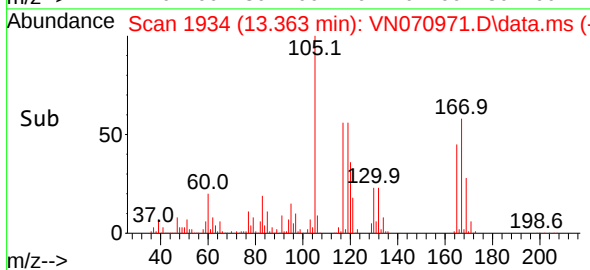
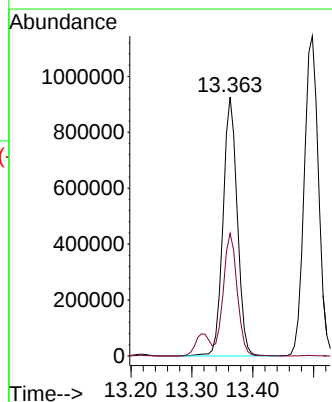
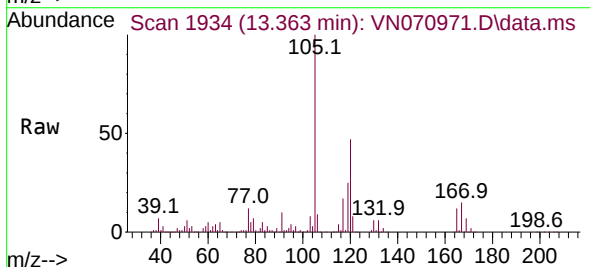
Manual Integrations
APPROVED

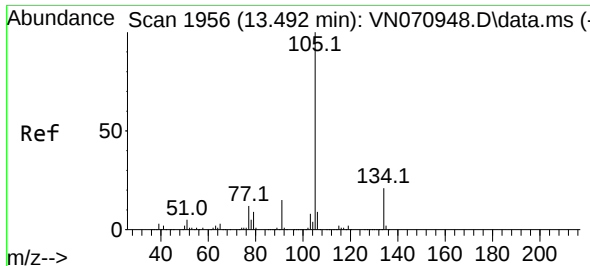
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.571 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:105 Resp: 1500397
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.4





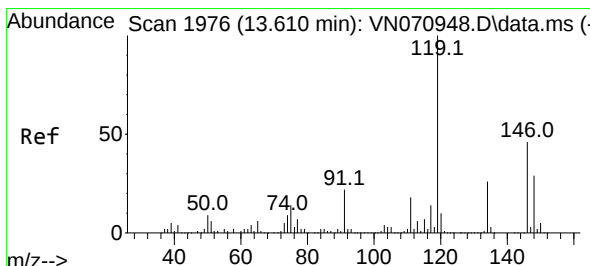
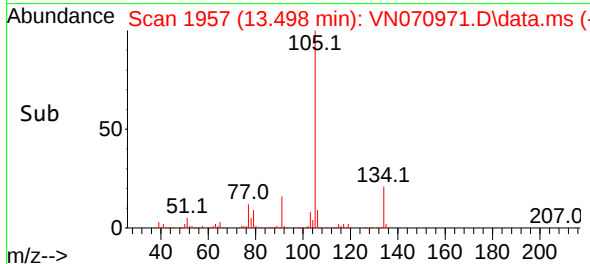
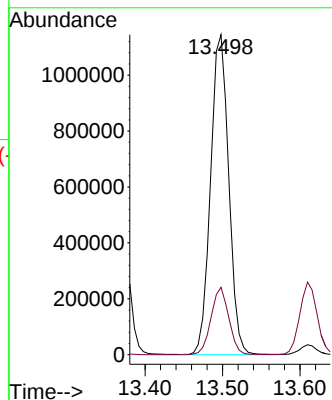
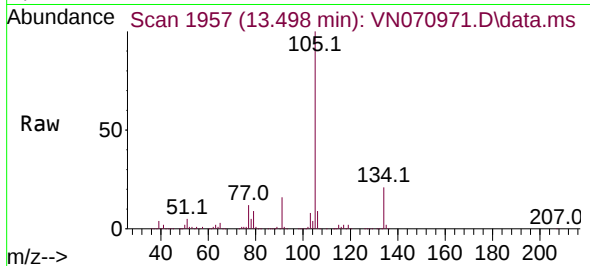
#85
 sec-Butylbenzene
 Concen: 53.388 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN070971.D
 Acq: 16 Feb 2022 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 186341
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

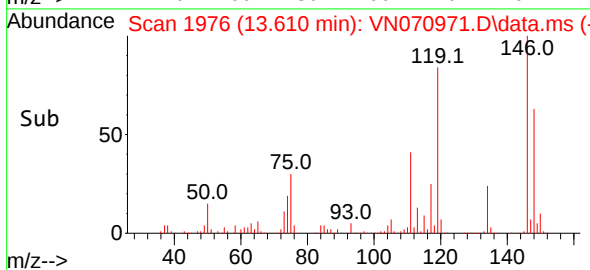
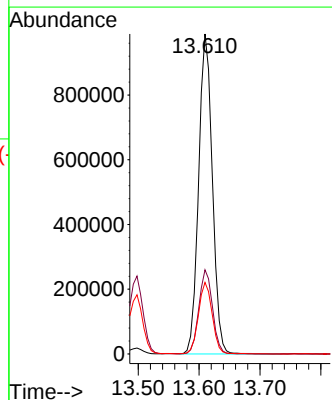
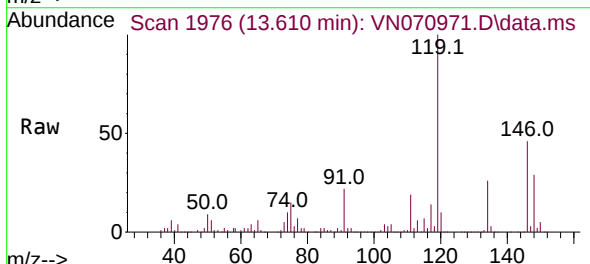
Manual Integrations
 APPROVED

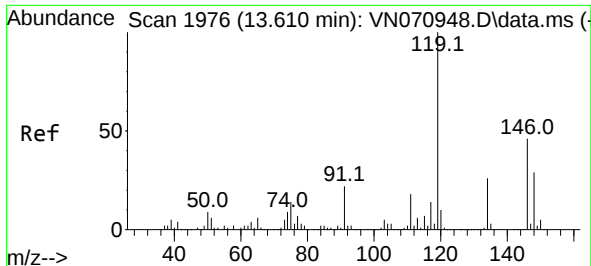
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 53.955 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN070971.D
 Acq: 16 Feb 2022 20:20

Tgt Ion:119 Resp: 1545967
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.195 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

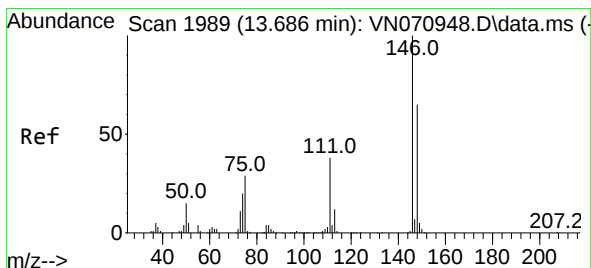
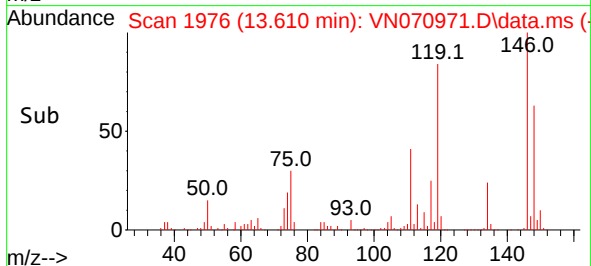
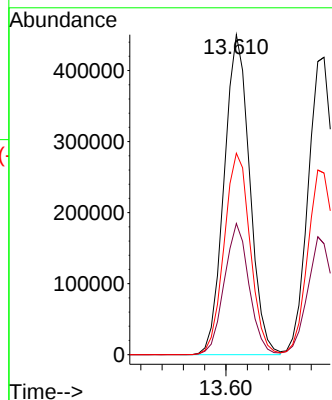
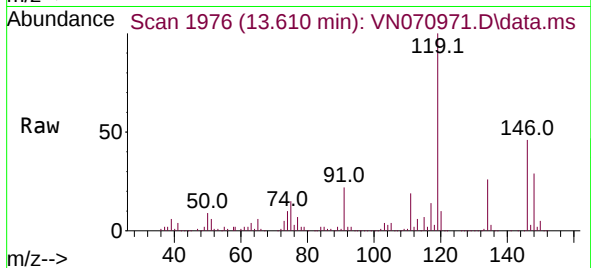
Tgt Ion:146 Resp: 74991
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.6 55.6
 148 64.1 31.6 95.0

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: 49.514 ug/l

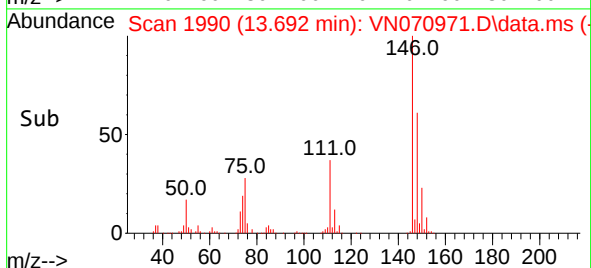
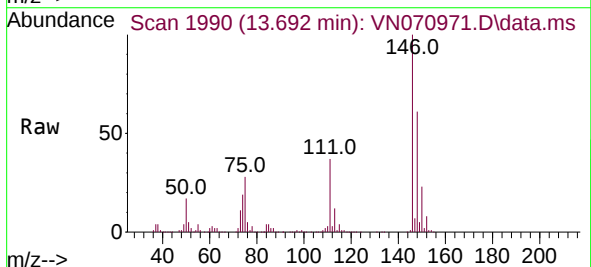
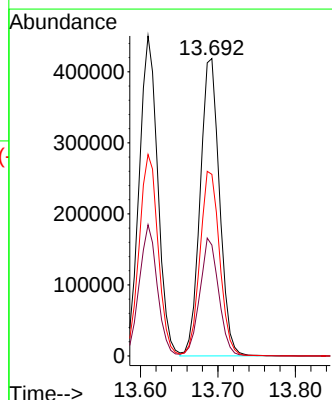
RT: 13.692 min Scan# 1990

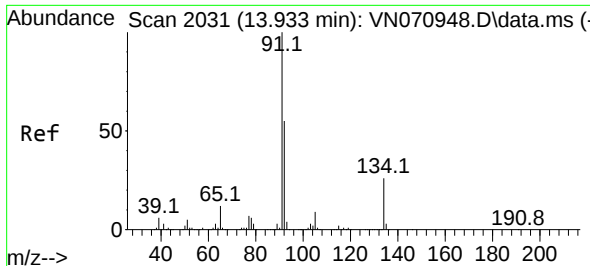
Delta R.T. 0.006 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Tgt Ion:146 Resp: 724769
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.3 54.8
 148 63.3 31.8 95.4





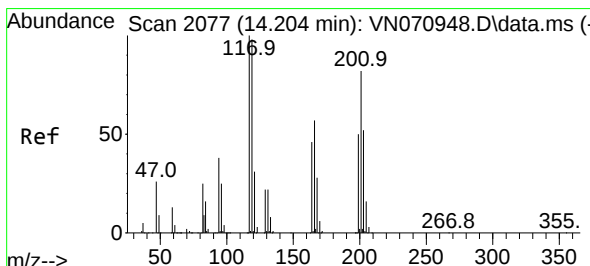
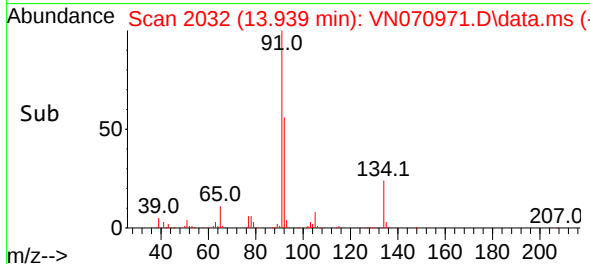
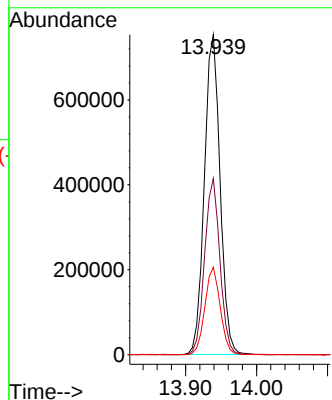
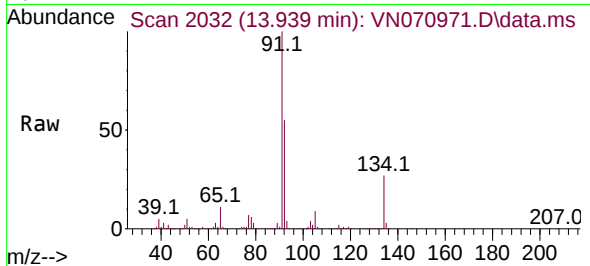
#89
n-Butylbenzene
Concen: 49.699 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 116179
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.8 13.6 40.8

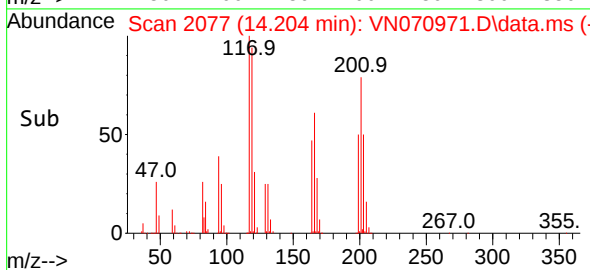
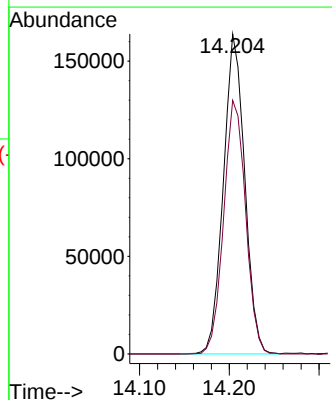
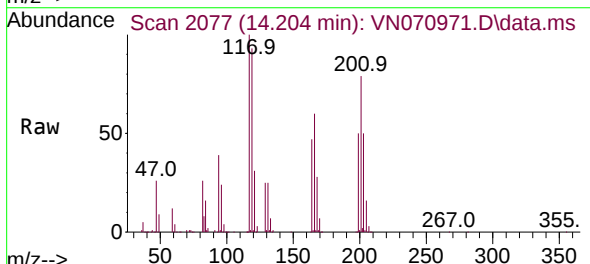
Manual Integrations
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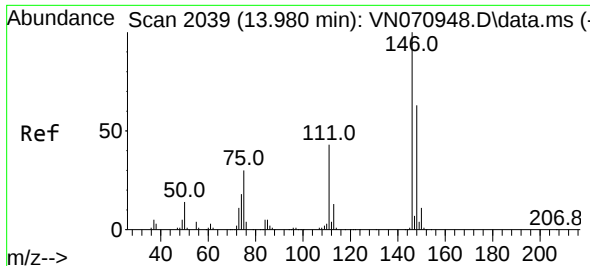
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 52.851 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:117 Resp: 270437
Ion Ratio Lower Upper
117 100
201 81.6 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 51.754 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 72606

Ion Ratio Lower Upper

146 100

111 41.2 19.1 57.3

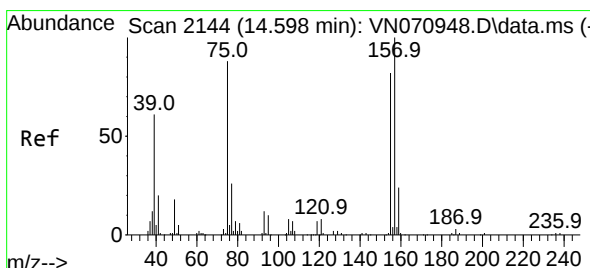
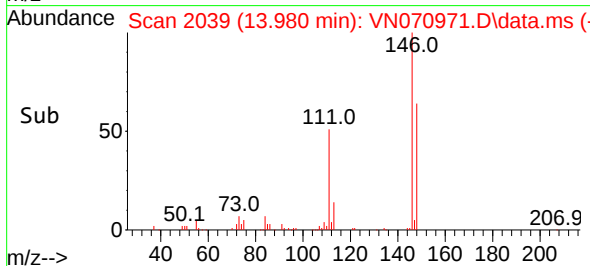
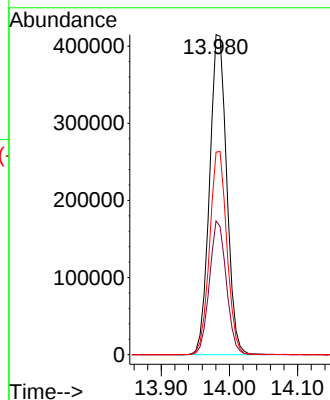
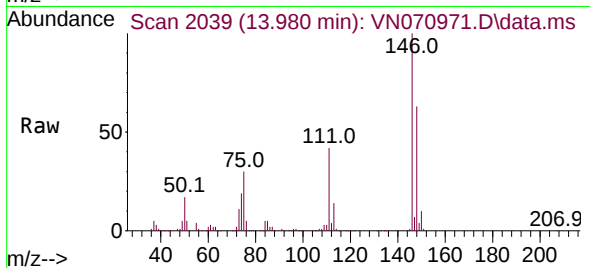
148 64.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.138 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN070971.D

Acq: 16 Feb 2022 20:20

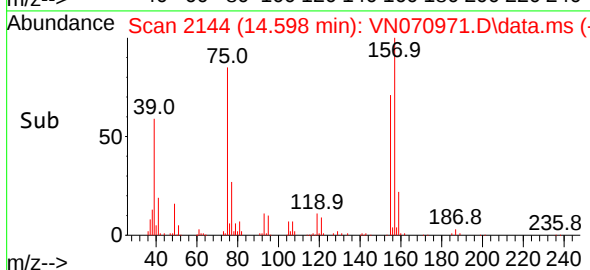
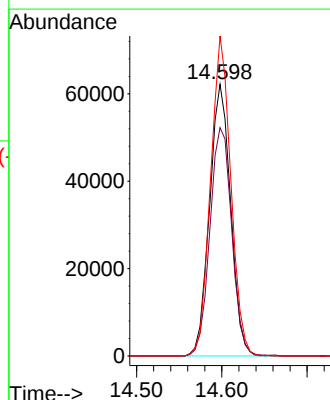
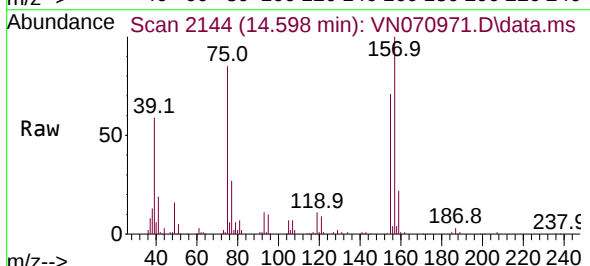
Tgt Ion: 75 Resp: 106746

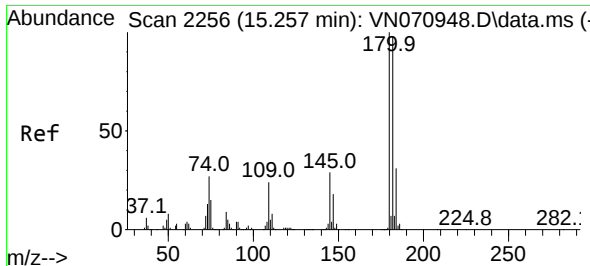
Ion Ratio Lower Upper

75 100

155 87.0 46.9 140.7

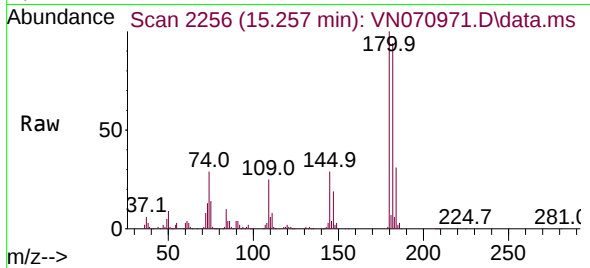
157 113.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.374 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

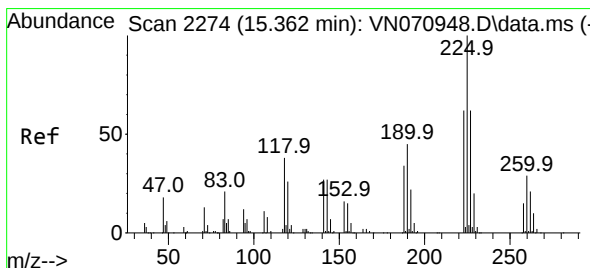
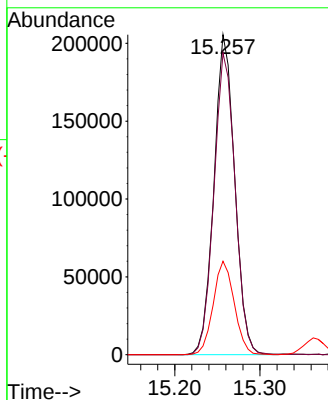
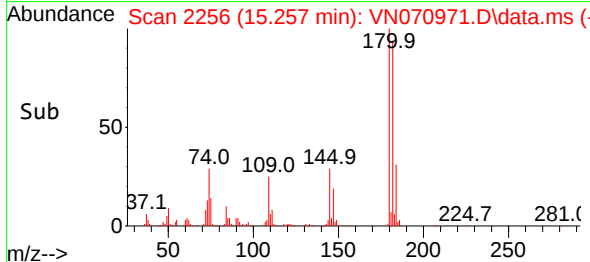
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



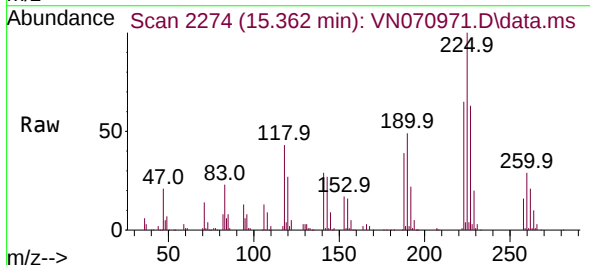
Tgt Ion:180 Resp: 348063
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.9
145 29.6 14.5 43.5

Manual Integrations
APPROVED

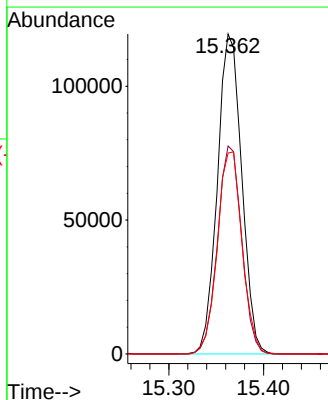
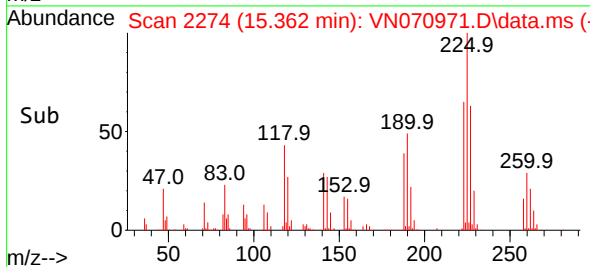
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

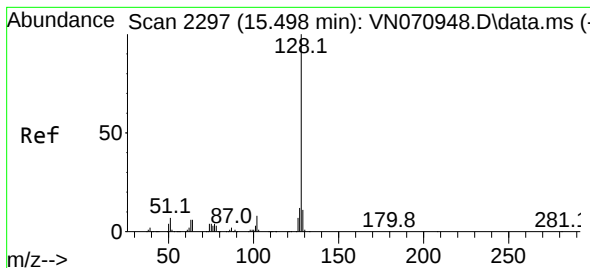


#94
Hexachlorobutadiene
Concen: 41.722 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20



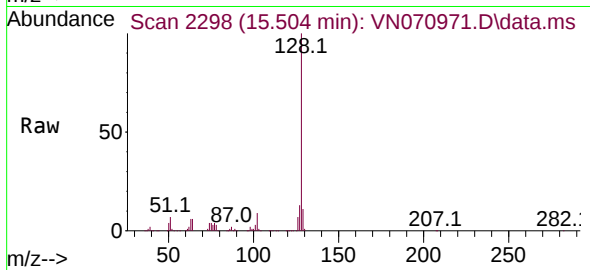
Tgt Ion:225 Resp: 213446
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 49.402 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

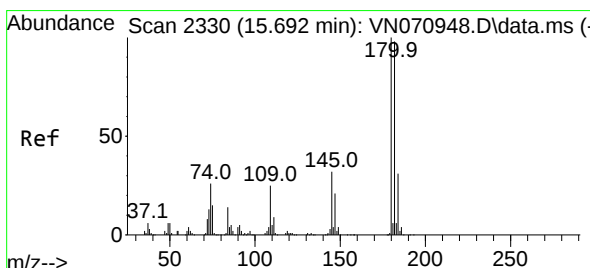
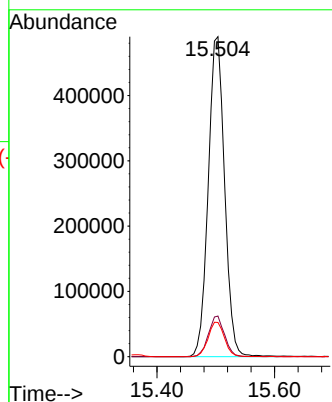
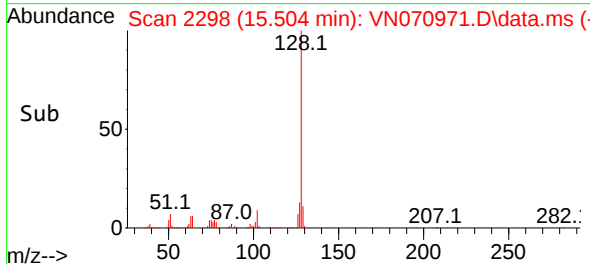
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 944722
Ion Ratio Lower Upper
128 100
127 12.5 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: 47.597 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN070971.D
Acq: 16 Feb 2022 20:20

Tgt Ion:180 Resp: 345081
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 30.7 15.0 45.1

