

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074602.D
 Acq On : 21 Sep 2022 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	345111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	612749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	581994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	278301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	303256	51.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.580%			
35) Dibromofluoromethane	7.945	113	229110	56.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.580%			
50) Toluene-d8	10.380	98	823500	52.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.669	95	297010	55.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	143366	38.170	ug/l	97
3) Chloromethane	2.263	50	297455	47.099	ug/l	98
4) Vinyl Chloride	2.405	62	371733	54.984	ug/l	98
5) Bromomethane	2.775	94	299767	84.077	ug/l	98
6) Chloroethane	2.957	64	309257	66.967	ug/l	94
7) Trichlorofluoromethane	3.310	101	333951	44.730	ug/l	93
8) Diethyl Ether	3.757	74	173694	45.621	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	213578	46.240	ug/l	90
10) Methyl Iodide	4.351	142	243831	44.749	ug/l	92
11) Tert butyl alcohol	5.281	59	361822	189.684	ug/l	99
12) 1,1-Dichloroethene	4.110	96	189702	41.811	ug/l	82
13) Acrolein	3.975	56	119104	170.980	ug/l	96
14) Allyl chloride	4.751	41	489506	45.102	ug/l #	92
15) Acrylonitrile	5.463	53	1034806	241.472	ug/l	99
16) Acetone	4.210	43	848510	226.449	ug/l	93
17) Carbon Disulfide	4.446	76	476860	38.260	ug/l	98
18) Methyl Acetate	4.769	43	566006	48.634	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	900153	46.990	ug/l	99
20) Methylene Chloride	5.004	84	262966	45.971	ug/l #	80
21) trans-1,2-Dichloroethene	5.504	96	221042	44.325	ug/l	92
22) Diisopropyl ether	6.410	45	1095465	50.265	ug/l #	94
23) Vinyl Acetate	6.345	43	5031966	261.780	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	516399	47.403	ug/l	97
25) 2-Butanone	7.251	43	1533191	246.446	ug/l #	83
26) 2,2-Dichloropropane	7.240	77	400314	42.623	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	287764	45.032	ug/l	93
28) Bromochloromethane	7.581	49	164258	51.202	ug/l #	68
29) Tetrahydrofuran	7.604	42	1025537	250.720	ug/l #	83
30) Chloroform	7.745	83	497680	49.497	ug/l	95
31) Cyclohexane	8.022	56	433597	41.717	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	390499	44.281	ug/l	91
36) 1,1-Dichloropropene	8.145	75	347205	48.191	ug/l	96
37) Ethyl Acetate	7.334	43	608798	54.716	ug/l #	92
38) Carbon Tetrachloride	8.134	117	310910	46.740	ug/l	95
39) Methylcyclohexane	9.392	83	417116	48.688	ug/l	93
40) Benzene	8.386	78	1118353	50.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	273261	50.799	ug/l	89
42) 1,2-Dichloroethane	8.457	62	409395	53.548	ug/l	97
43) Isopropyl Acetate	8.492	43	950694	54.548	ug/l #	90
44) Trichloroethene	9.145	130	226869	47.060	ug/l	99
45) 1,2-Dichloropropane	9.422	63	320250	52.304	ug/l	95
46) Dibromomethane	9.516	93	200264	52.224	ug/l #	84
47) Bromodichloromethane	9.698	83	391541	52.079	ug/l	98
48) Methyl methacrylate	9.492	41	407563	52.739	ug/l	86
49) 1,4-Dioxane	9.498	88	144798	974.580	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	3262333	286.644	ug/l	87
52) Toluene	10.439	92	678909	51.967	ug/l	96
53) t-1,3-Dichloropropene	10.657	75	458373	52.312	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	468838	49.999	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	298600	53.959	ug/l	94
56) Ethyl methacrylate	10.698	69	528803	53.496	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	515743	53.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1118964	257.215	ug/l #	88
59) 2-Hexanone	11.028	43	2473417	284.686	ug/l	86
60) Dibromochloromethane	11.175	129	285733	53.937	ug/l	99
61) 1,2-Dibromoethane	11.286	107	289183	53.792	ug/l	100
64) Tetrachloroethene	10.916	164	182492	45.691	ug/l	90
65) Chlorobenzene	11.710	112	718840	49.199	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.780	131	268362	50.554	ug/l	97
67) Ethyl Benzene	11.780	91	1347062	50.217	ug/l	97
68) m/p-Xylenes	11.892	106	996656	100.490	ug/l	95
69) o-Xylene	12.222	106	507277	50.164	ug/l	97
70) Styrene	12.233	104	852997	50.709	ug/l	98
71) Bromoform	12.398	173	204127	52.319	ug/l #	100
73) Isopropylbenzene	12.522	105	1300058	45.623	ug/l	98
74) N-amyl acetate	12.327	43	863231	48.450	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	517840	45.347	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	430523m	50.258	ug/l	
77) Bromobenzene	12.804	156	275070	45.188	ug/l	74
78) n-propylbenzene	12.863	91	1604592	47.279	ug/l	95
79) 2-Chlorotoluene	12.945	91	900987	44.470	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	1075411	46.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	176837	44.555	ug/l	94
82) 4-Chlorotoluene	13.045	91	871958	45.279	ug/l	97
83) tert-Butylbenzene	13.263	119	912970	43.185	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	1092324	46.727	ug/l	100
85) sec-Butylbenzene	13.439	105	1381587	47.595	ug/l	96
86) p-Isopropyltoluene	13.557	119	1121122	49.541	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	524495	46.889	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	526437	46.827	ug/l	99
89) n-Butylbenzene	13.886	91	1014120	49.718	ug/l	94
90) Hexachloroethane	14.151	117	215994	43.866	ug/l	74
91) 1,2-Dichlorobenzene	13.927	146	534348	46.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	102295	40.568	ug/l	85
93) 1,2,4-Trichlorobenzene	15.198	180	274440	49.640	ug/l	98
94) Hexachlorobutadiene	15.304	225	107855	44.388	ug/l	94
95) Naphthalene	15.433	128	1093739	46.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	267264	46.740	ug/l	99

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VSTDCCC050

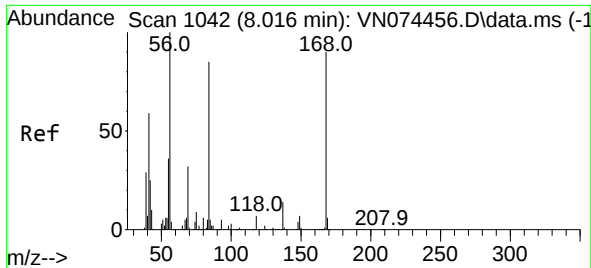
Manual Integrations
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Quant Title : SW846 8260
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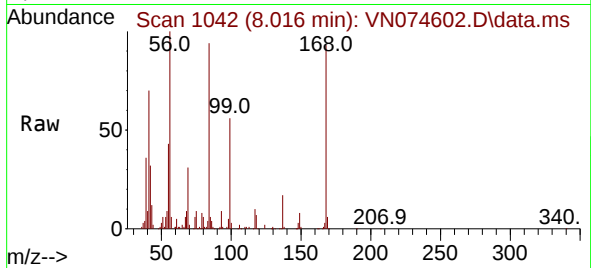
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074602.D
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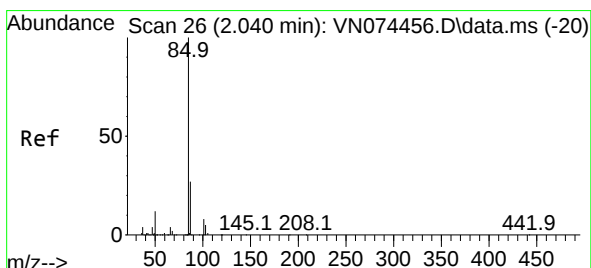
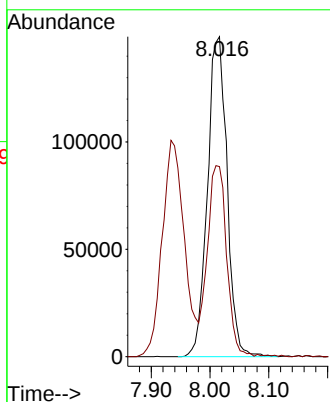
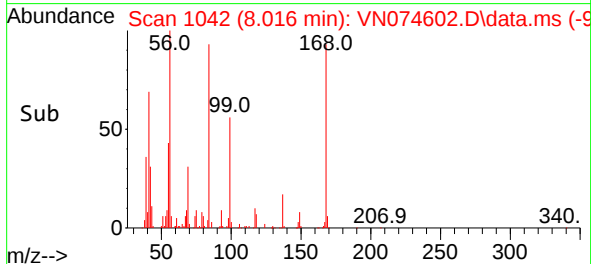
Instrument :
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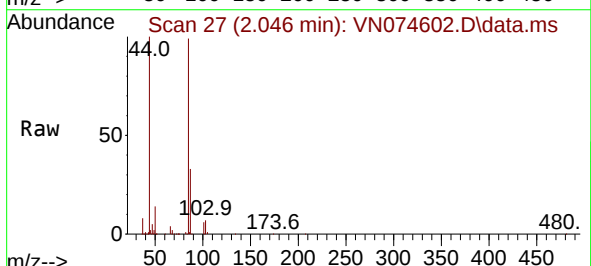
Tgt Ion:168 Resp: 34511
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5

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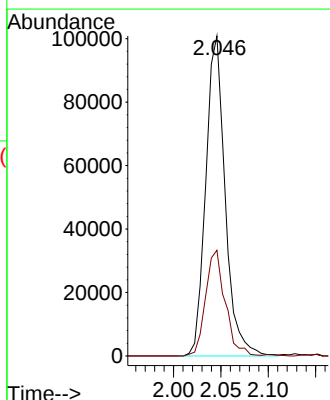
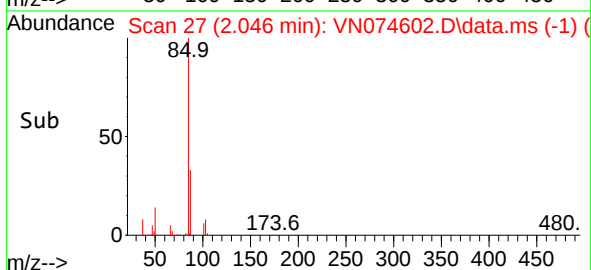
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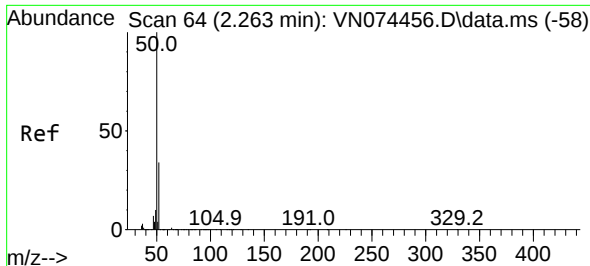


#2
Dichlorodifluoromethane
Concen: 38.170 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



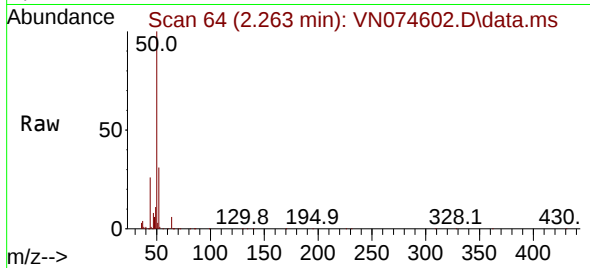
Tgt Ion: 85 Resp: 143366
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 47.099 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

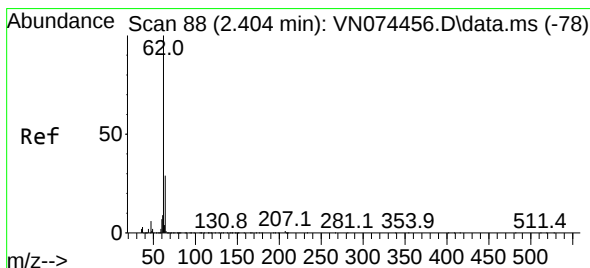
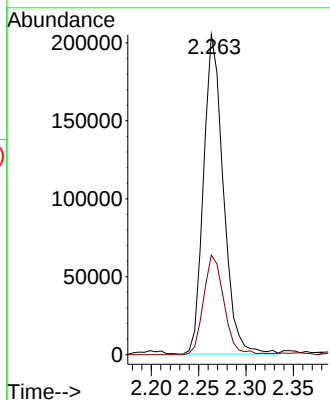
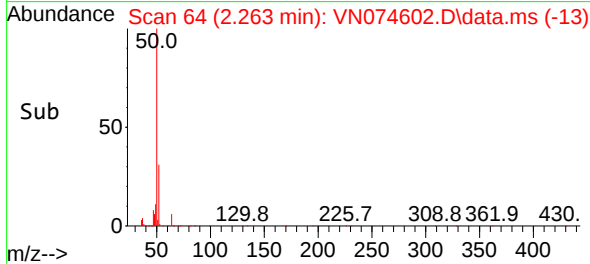
Instrument :
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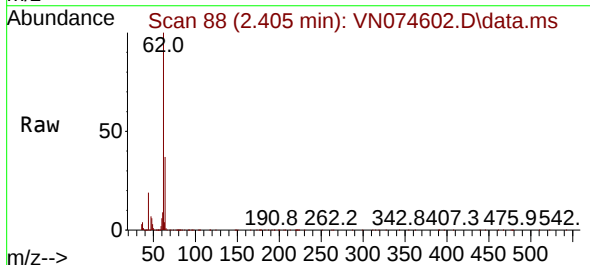
Tgt Ion: 50 Resp: 29745
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5

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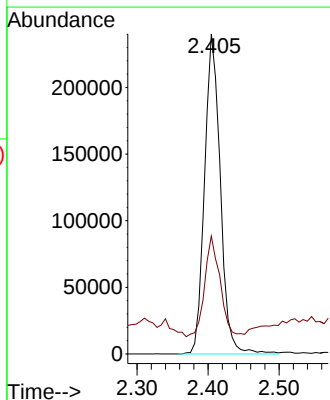
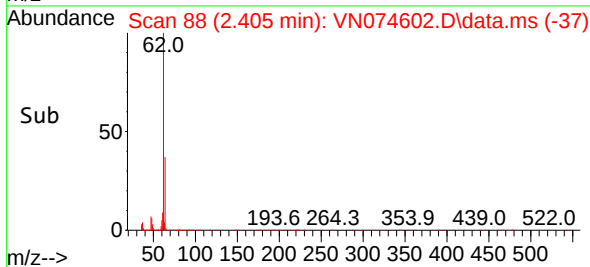
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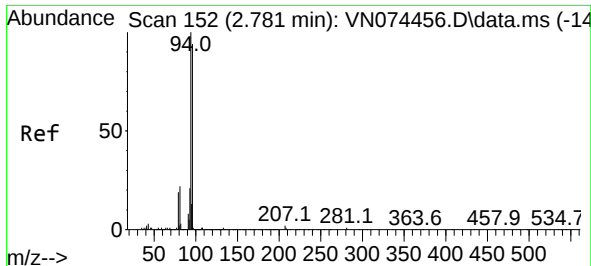


#4
Vinyl Chloride
Concen: 54.984 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



Tgt Ion: 62 Resp: 371733
Ion Ratio Lower Upper
62 100
64 30.0 25.0 37.4





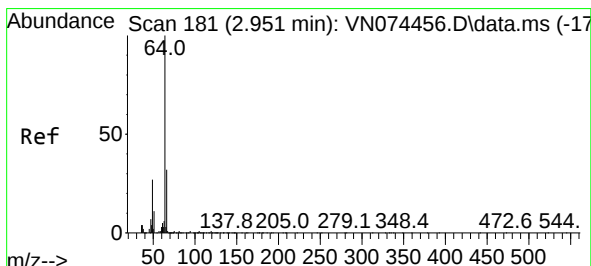
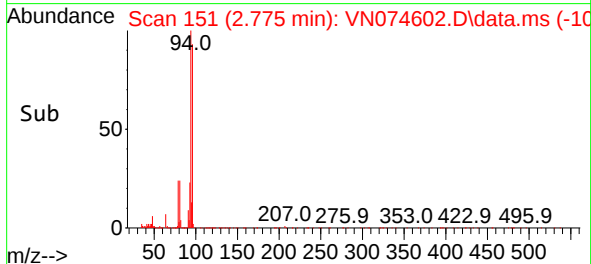
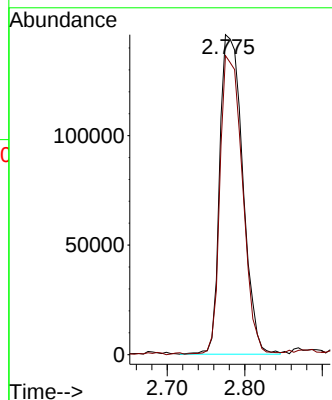
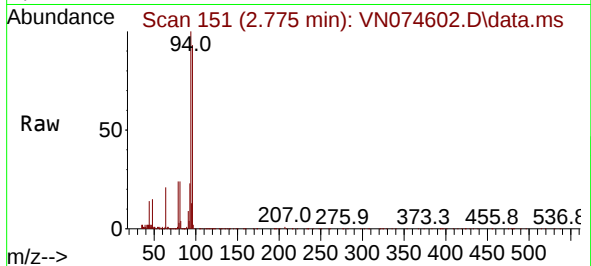
#5
Bromomethane
Concen: 84.077 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
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Tgt Ion: 94 Resp: 29976
Ion Ratio Lower Upper
94 100
96 93.0 76.0 114.0

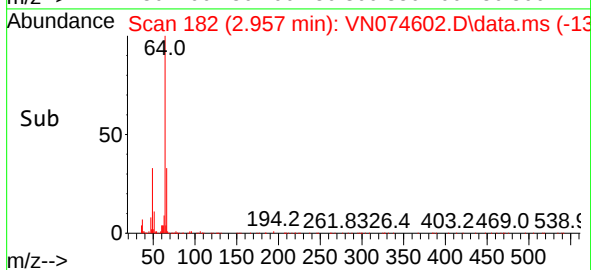
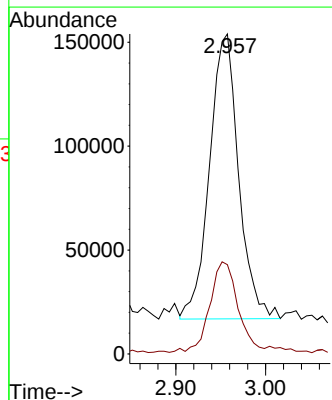
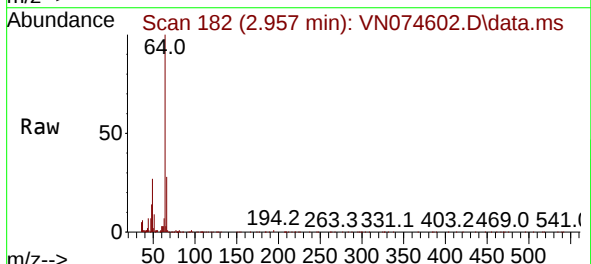
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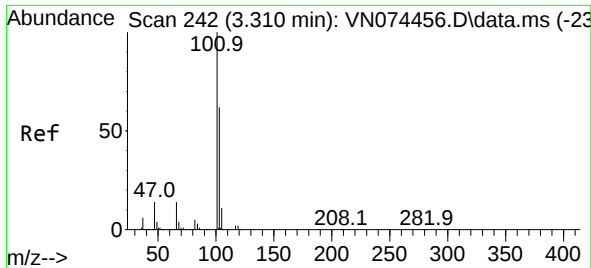
Reviewed By :John Carlone 09/22/2022
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#6
Chloroethane
Concen: 66.967 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion: 64 Resp: 309257
Ion Ratio Lower Upper
64 100
66 29.4 26.2 39.4





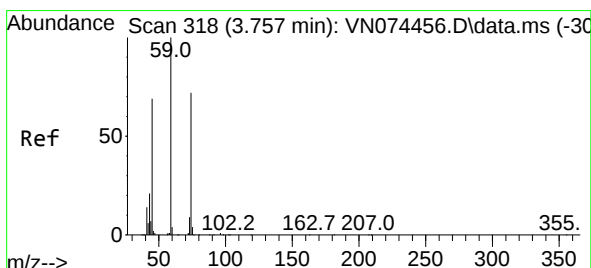
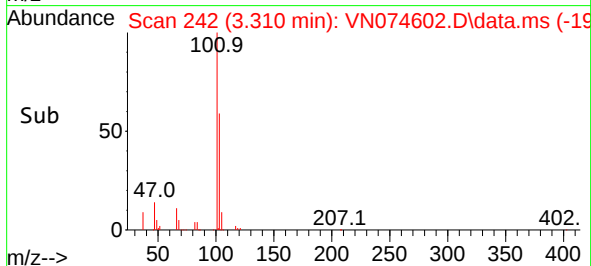
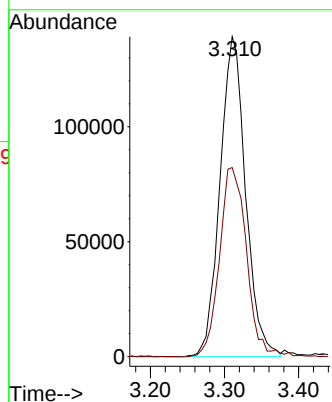
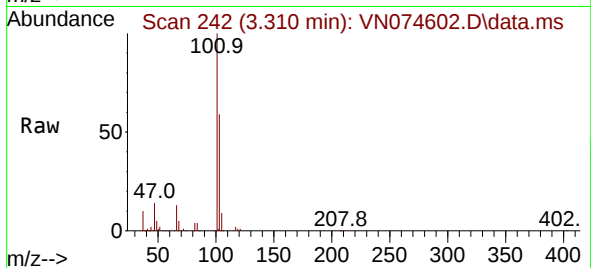
#7
 Trichlorofluoromethane
 Concen: 44.730 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 33395
 Ion Ratio Lower Upper
 101 100
 103 59.1 51.5 77.3

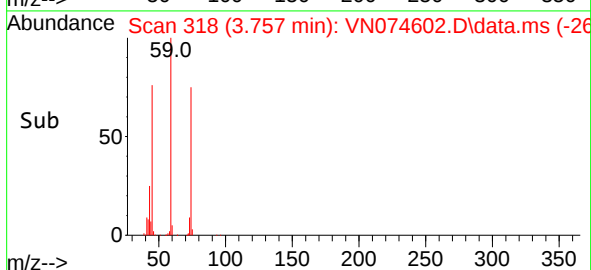
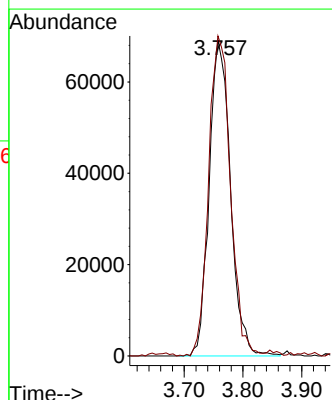
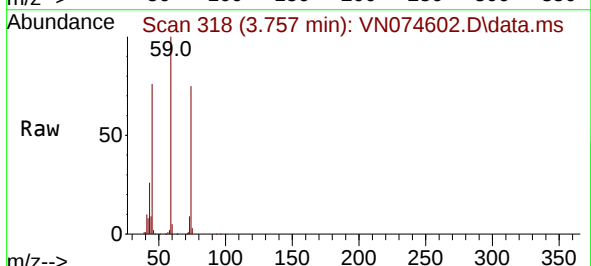
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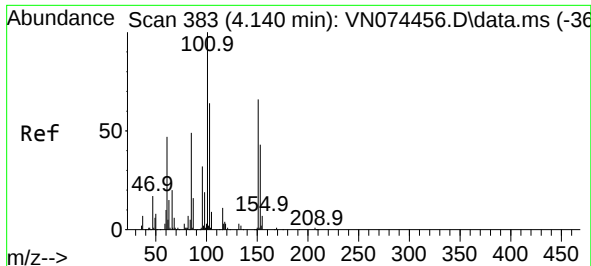
Reviewed By :John Carlone 09/22/2022
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#8
 Diethyl Ether
 Concen: 45.621 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51

Tgt Ion: 74 Resp: 173694
 Ion Ratio Lower Upper
 74 100
 45 104.0 42.9 128.5





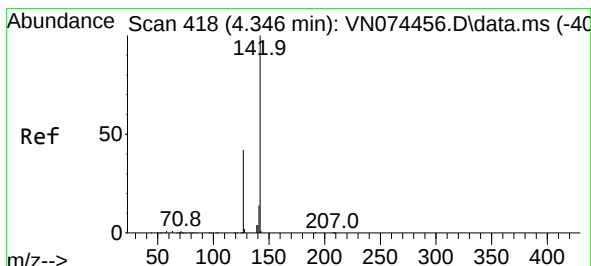
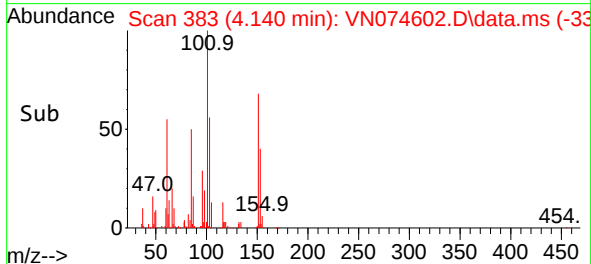
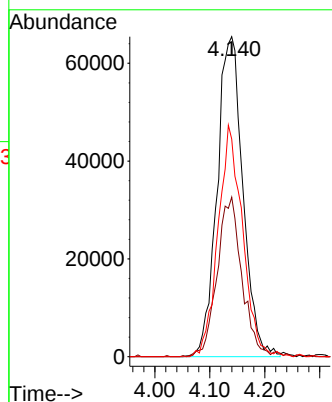
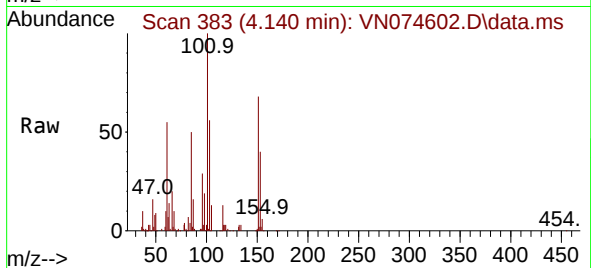
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.240 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 213578
Ion Ratio Lower Upper
101 100
85 47.6 34.7 52.1
151 68.5 63.0 94.4

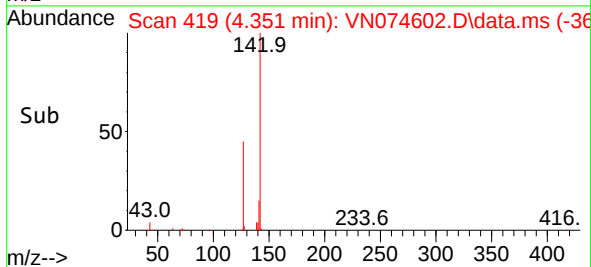
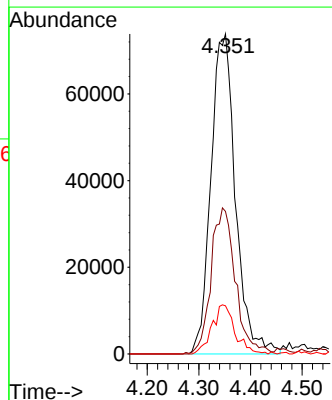
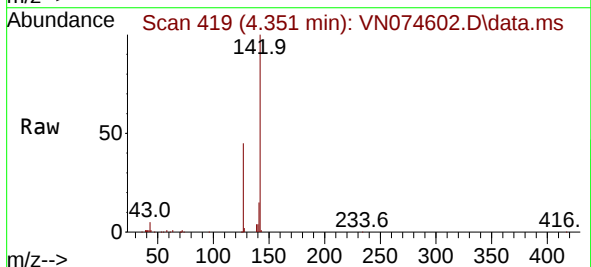
Manual Integrations
APPROVED

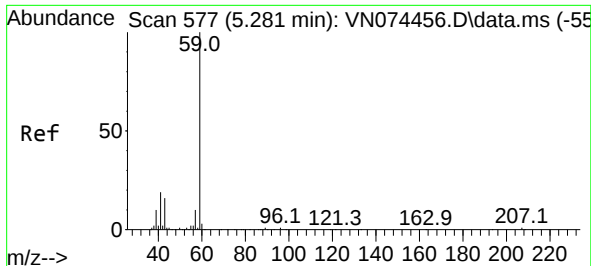
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#10
Methyl Iodide
Concen: 44.749 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.005 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

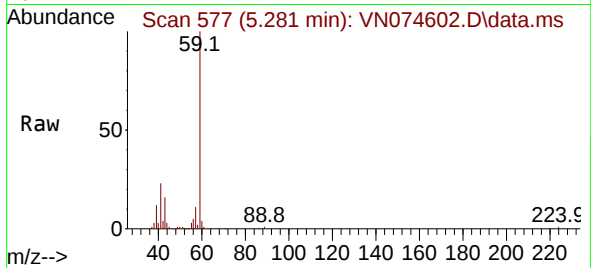
Tgt Ion:142 Resp: 243831
Ion Ratio Lower Upper
142 100
127 45.2 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 189.684 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

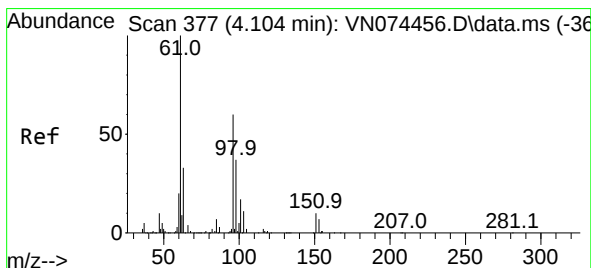
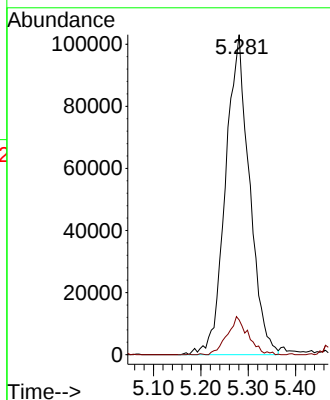
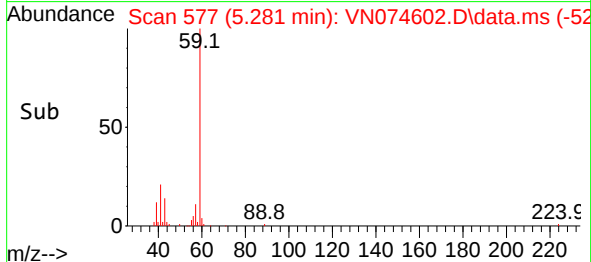
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



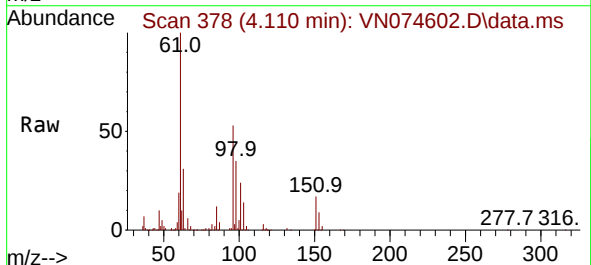
Tgt Ion: 59 Resp: 36182
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

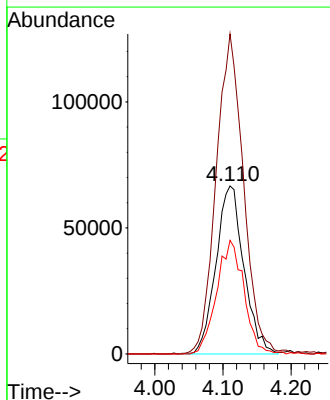
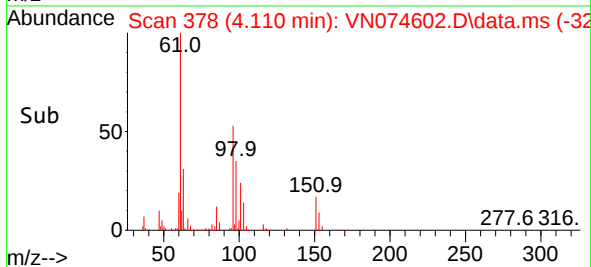
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

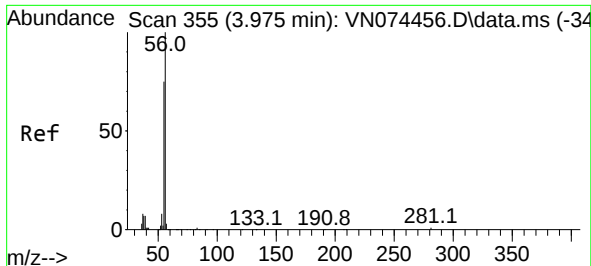


#12
1,1-Dichloroethene
Concen: 41.811 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



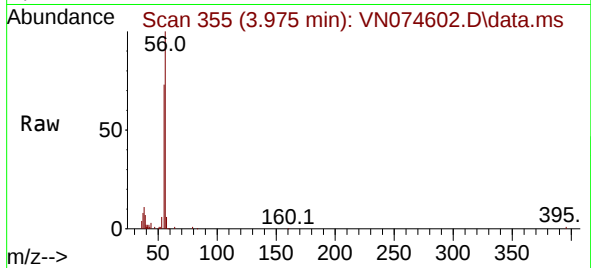
Tgt Ion: 96 Resp: 189702
Ion Ratio Lower Upper
96 100
61 190.4 127.6 191.4
98 67.6 51.2 76.8





#13
Acrolein
Concen: 170.980 ug/l
RT: 3.975 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

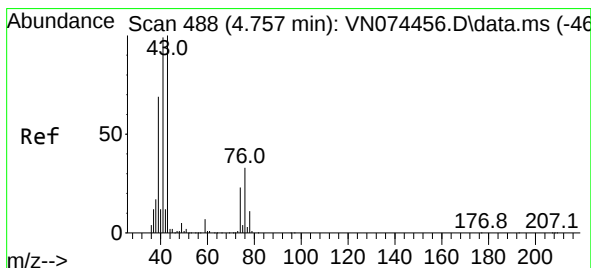
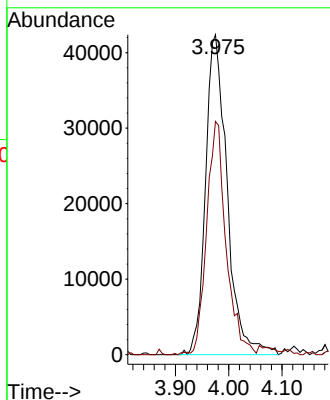
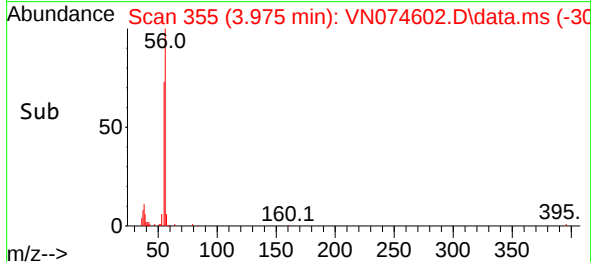
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 119104
Ion Ratio Lower Upper
56 100
55 65.6 54.8 82.2

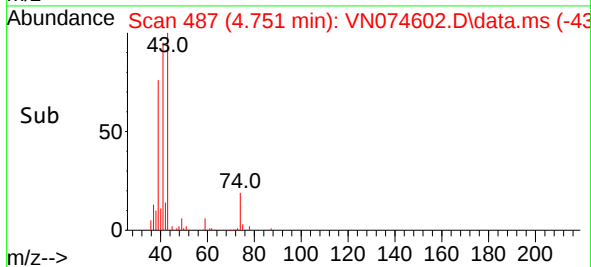
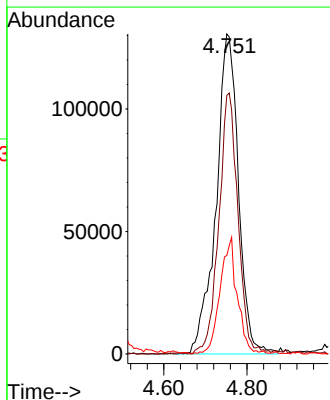
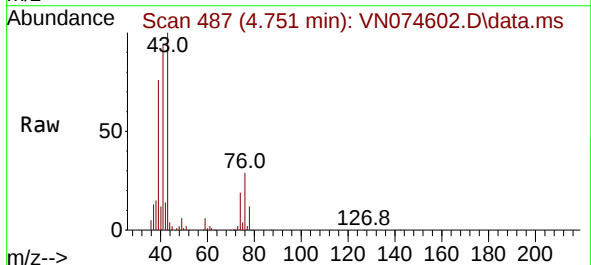
Manual Integrations
APPROVED

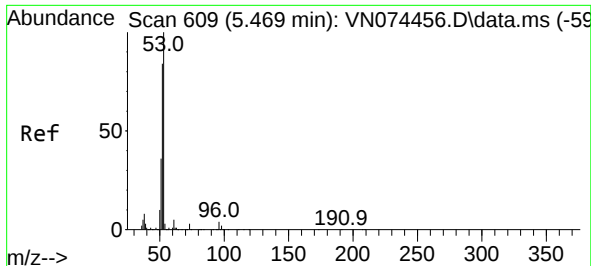
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#14
Allyl chloride
Concen: 45.102 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

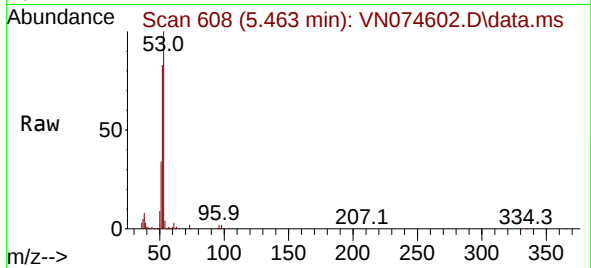
Tgt Ion: 41 Resp: 489506
Ion Ratio Lower Upper
41 100
39 69.5 53.2 79.8
76 28.0 29.9 44.9#





#15
Acrylonitrile
Concen: 241.472 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

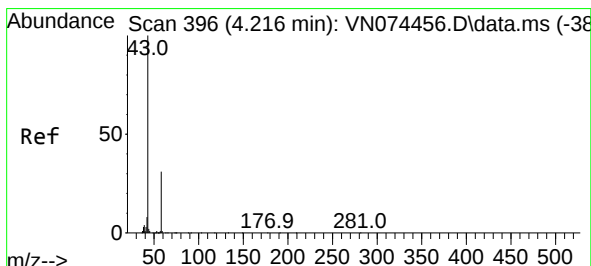
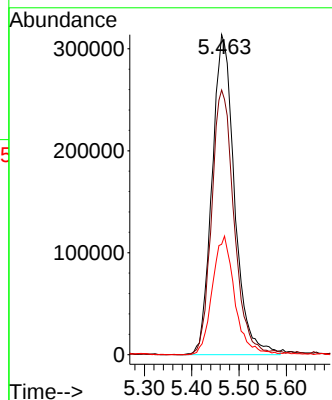
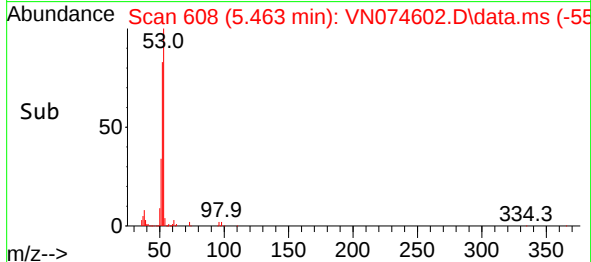
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1034800
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.9 28.5 42.7

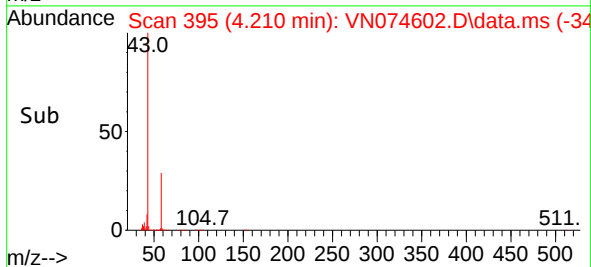
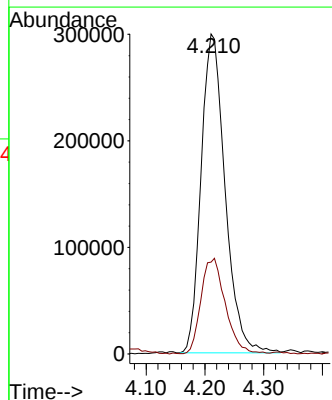
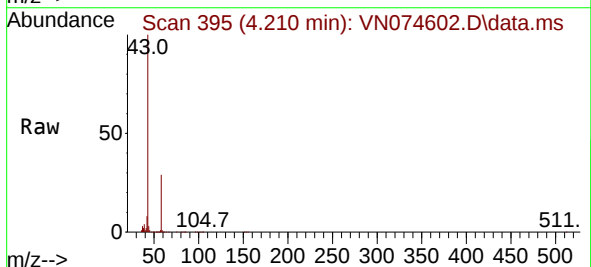
Manual Integrations
APPROVED

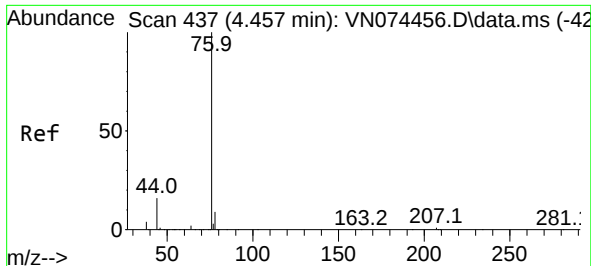
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#16
Acetone
Concen: 226.449 ug/l
RT: 4.210 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

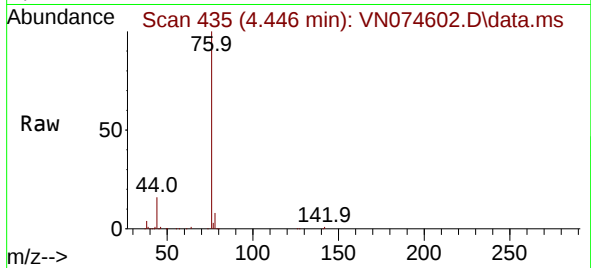
Tgt Ion: 43 Resp: 848510
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17
Carbon Disulfide
Concen: 38.260 ug/l
RT: 4.446 min Scan# 41
Delta R.T. -0.011 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

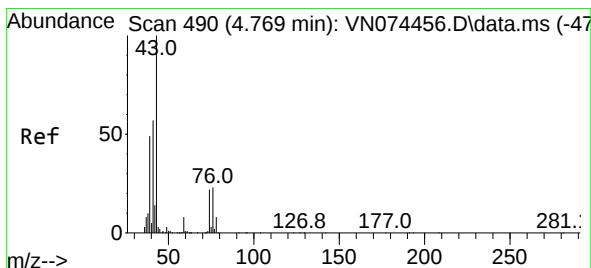
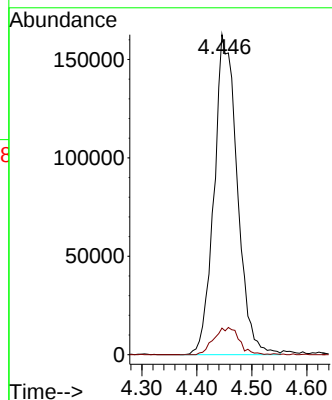
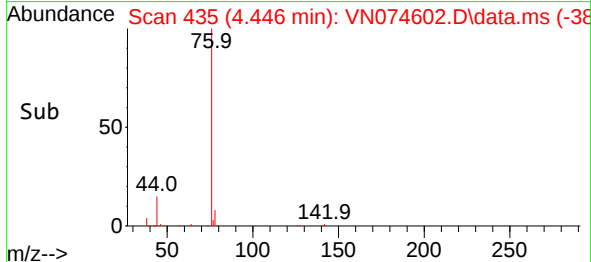
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 476860
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

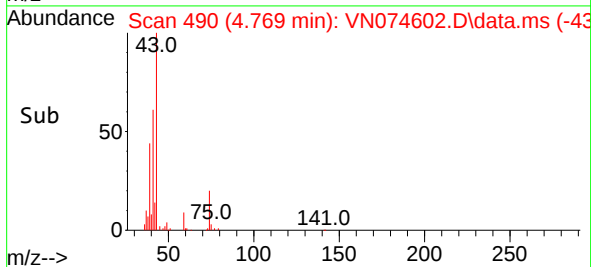
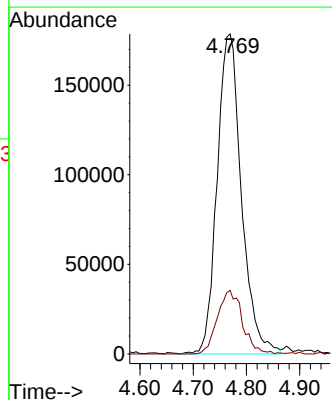
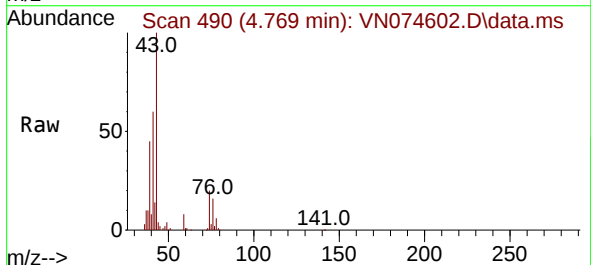
Manual Integrations
APPROVED

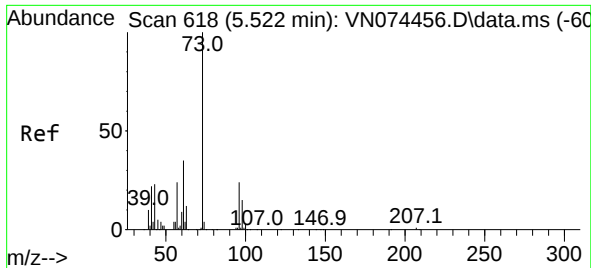
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#18
Methyl Acetate
Concen: 48.634 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

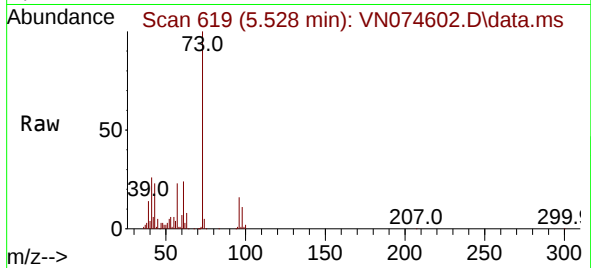
Tgt Ion: 43 Resp: 566006
Ion Ratio Lower Upper
43 100
74 20.5 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 46.990 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

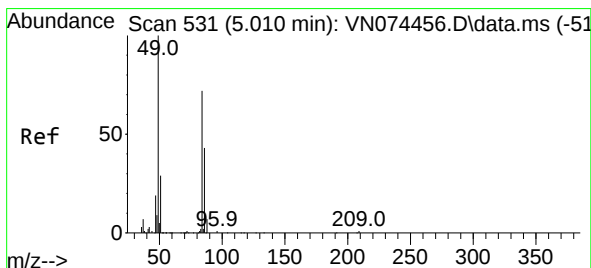
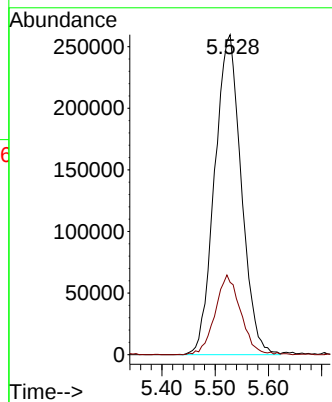
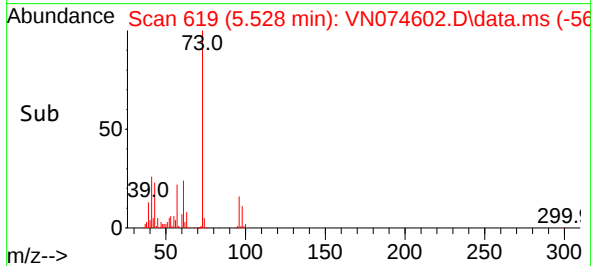
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 90015
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

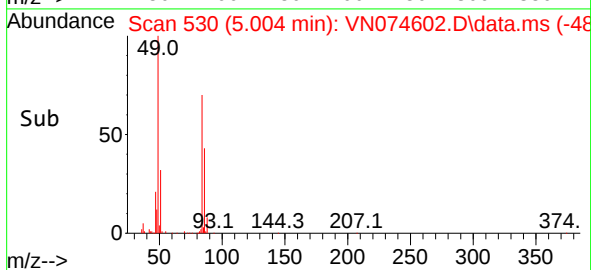
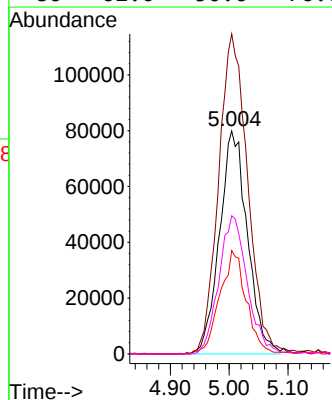
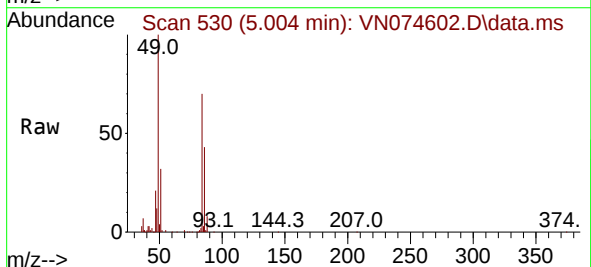
Manual Integrations
APPROVED

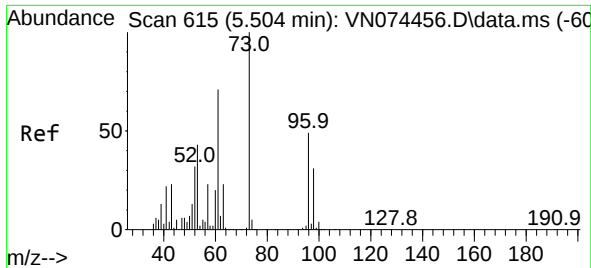
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#20
Methylene Chloride
Concen: 45.971 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

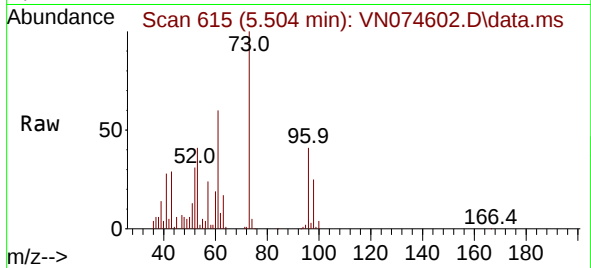
Tgt Ion: 84 Resp: 262966
Ion Ratio Lower Upper
84 100
49 143.3 88.3 132.5#
51 46.4 28.2 42.2#
86 62.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.325 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

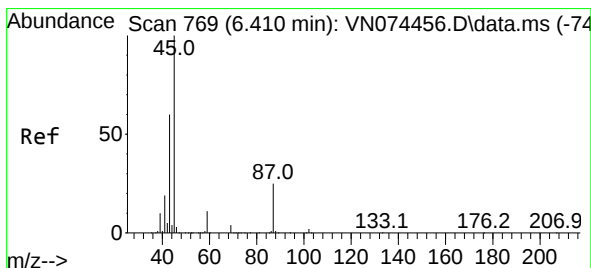
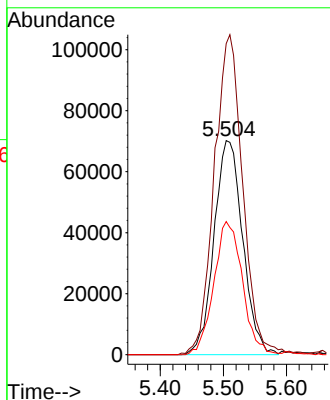
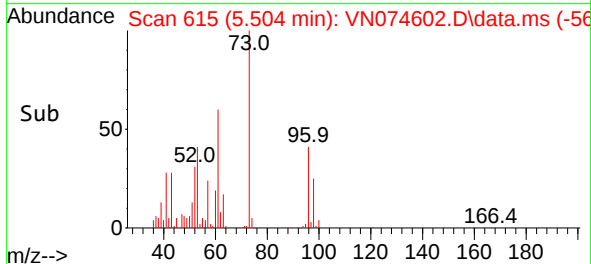
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 22104
Ion Ratio Lower Upper
96 100
61 145.3 105.8 158.8
98 62.2 50.3 75.5

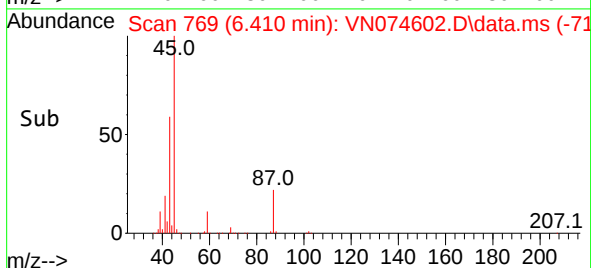
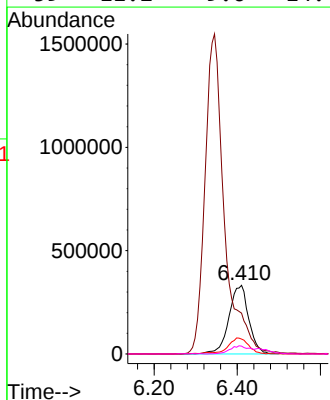
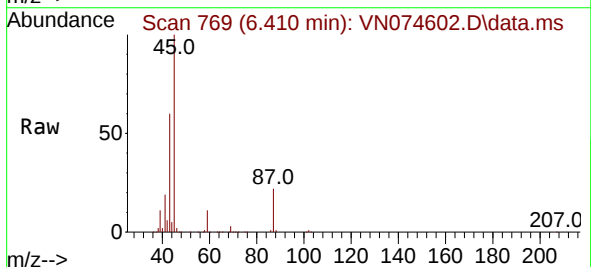
Manual Integrations
APPROVED

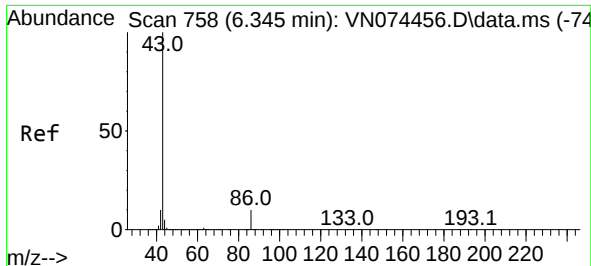
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#22
Diisopropyl ether
Concen: 50.265 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

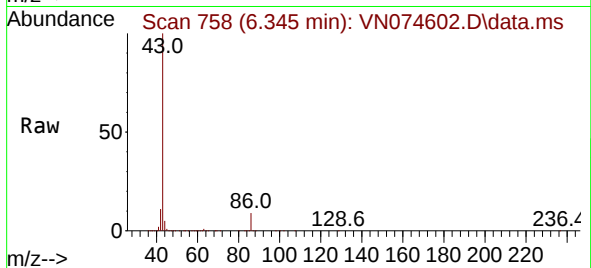
Tgt Ion: 45 Resp: 1095465
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 21.4 24.3 36.5#
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 261.780 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51

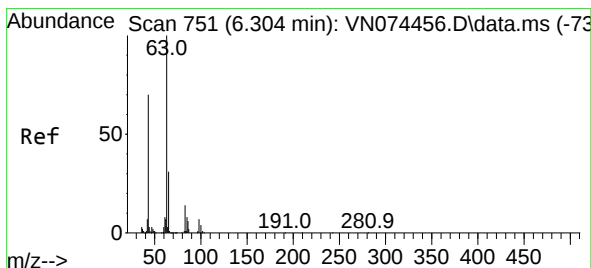
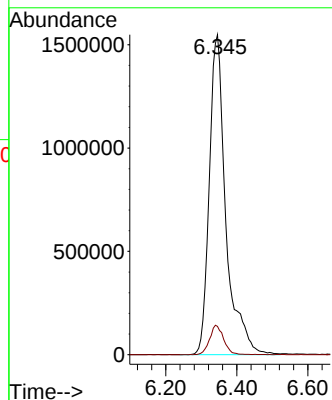
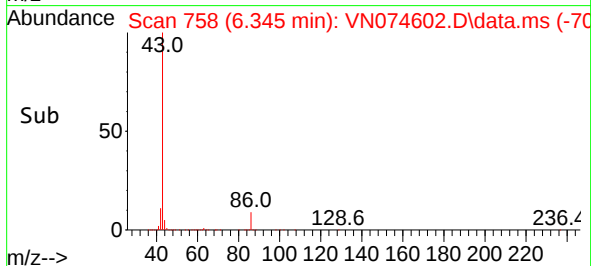
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



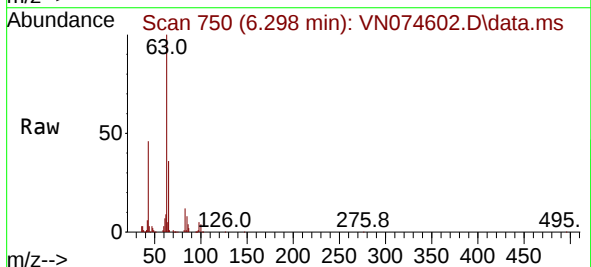
Tgt Ion: 43 Resp: 503196
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.0 15.0

Manual Integrations
 APPROVED

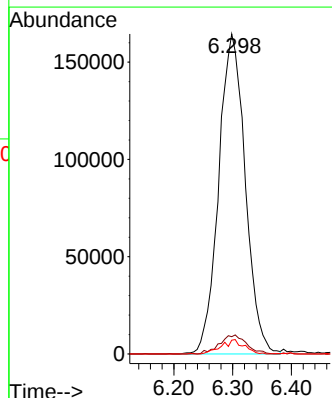
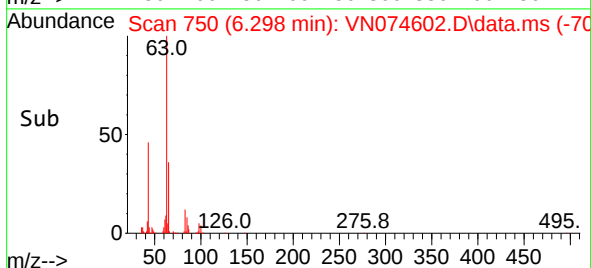
Reviewed By :John Carlone 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

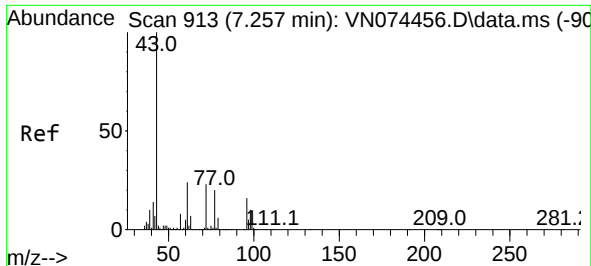


#24
 1,1-Dichloroethane
 Concen: 47.403 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51



Tgt Ion: 63 Resp: 516399
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 246.446 ug/l

RT: 7.251 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 153319

Ion Ratio Lower Upper

43 100

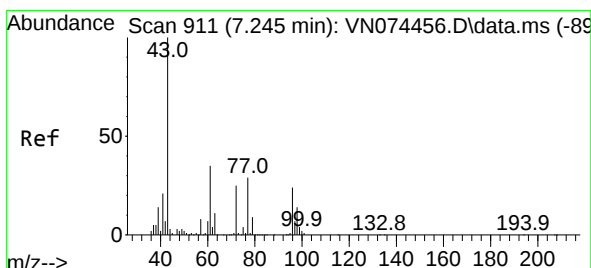
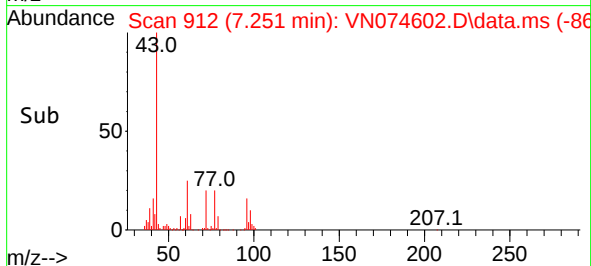
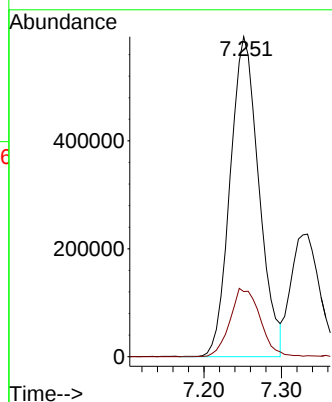
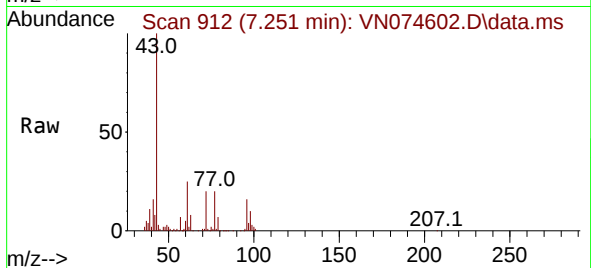
72 20.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#26

2,2-Dichloropropane

Concen: 42.623 ug/l

RT: 7.240 min Scan# 910

Delta R.T. -0.005 min

Lab File: VN074602.D

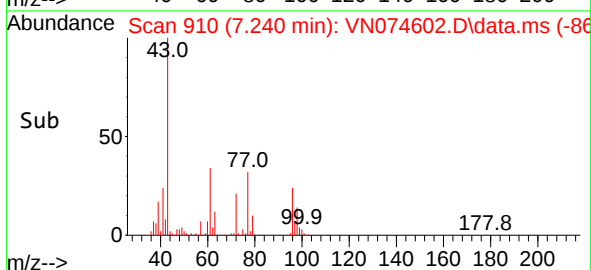
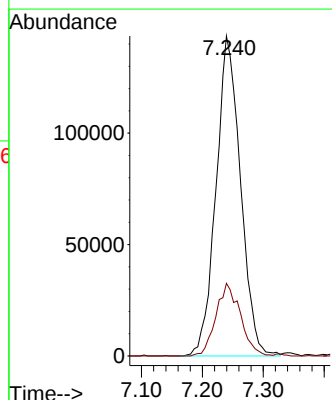
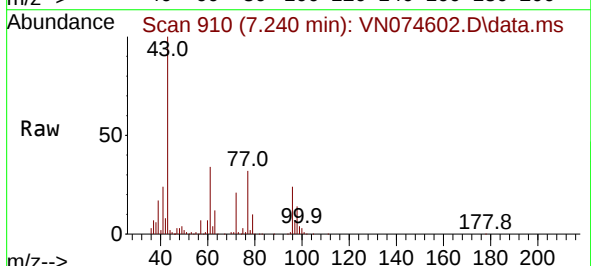
Acq: 21 Sep 2022 09:51

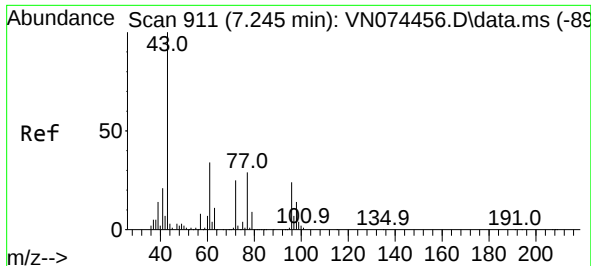
Tgt Ion: 77 Resp: 400314

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 45.032 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

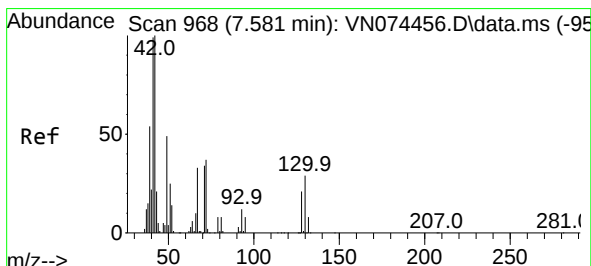
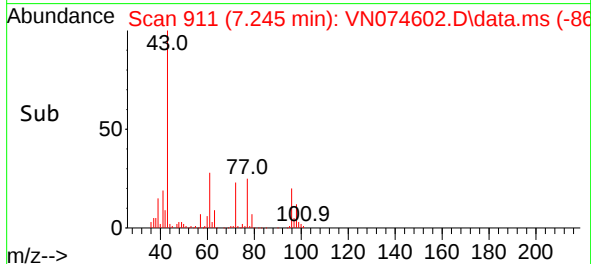
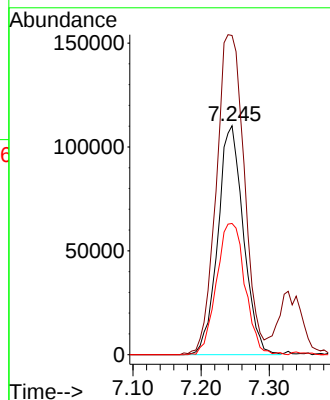
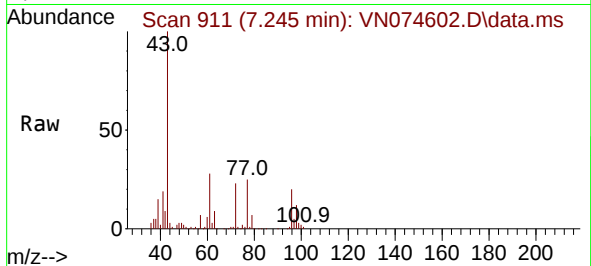
Tgt Ion:	96	Resp:	287764
Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	280.6
98	63.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#28

Bromochloromethane

Concen: 51.202 ug/l

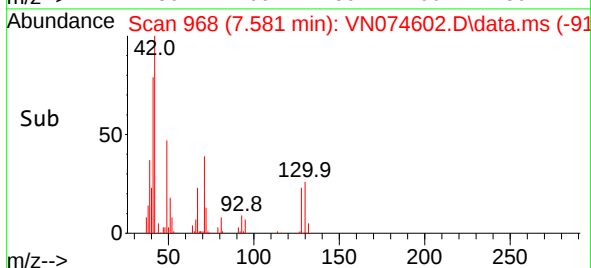
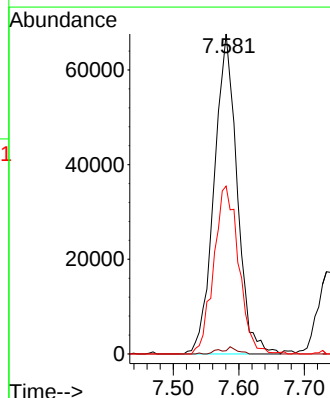
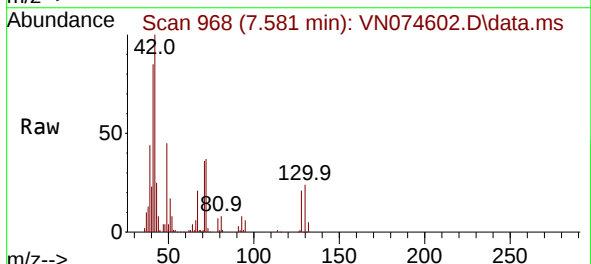
RT: 7.581 min Scan# 968

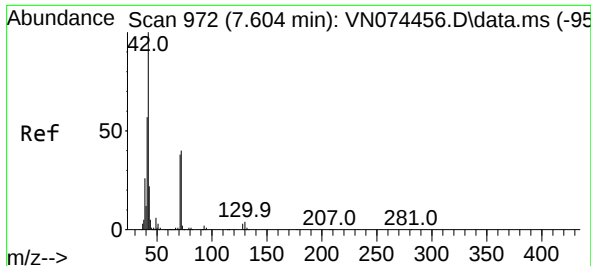
Delta R.T. -0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

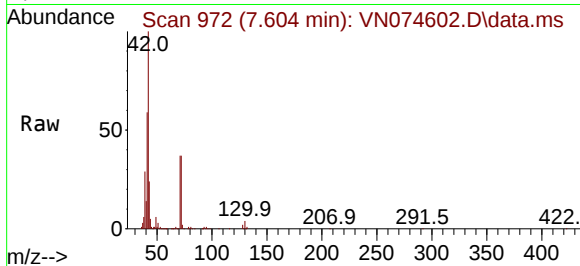
Tgt Ion:	49	Resp:	164258
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	56.8	69.7	104.5#





#29
Tetrahydrofuran
Concen: 250.720 ug/l
RT: 7.604 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

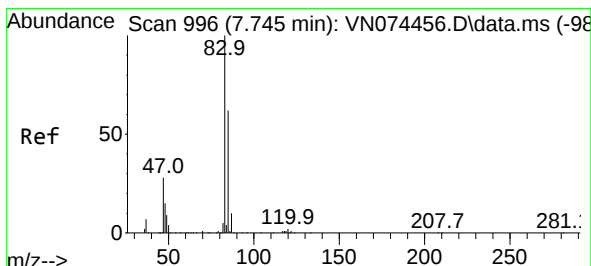
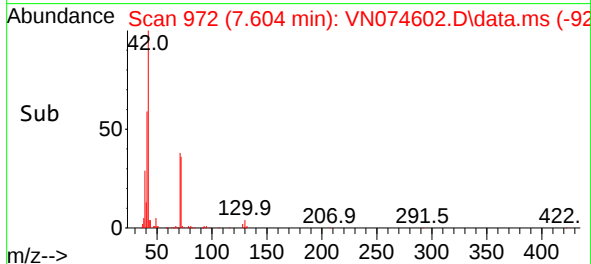
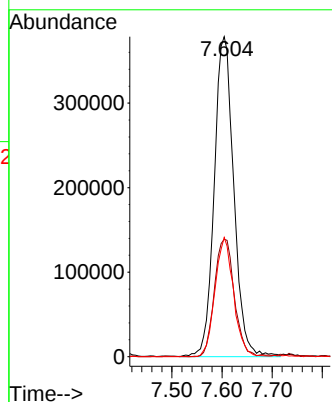
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 102553
Ion Ratio Lower Upper
42 100
72 37.3 39.7 59.5
71 35.4 36.6 55.0

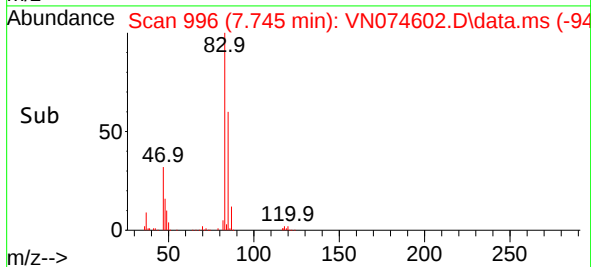
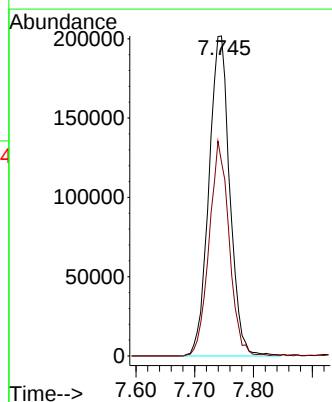
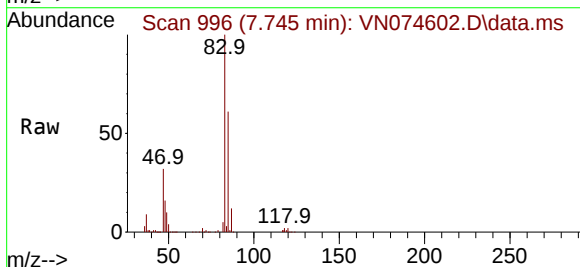
Manual Integrations
APPROVED

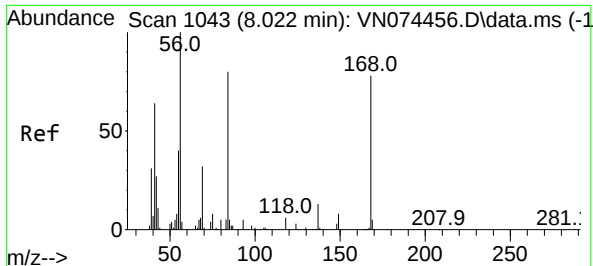
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#30
Chloroform
Concen: 49.497 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion: 83 Resp: 497680
Ion Ratio Lower Upper
83 100
85 60.6 51.8 77.8





#31

Cyclohexane

Concen: 41.717 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 43359

Ion Ratio Lower Upper

56 100

69 30.5 27.8 41.8

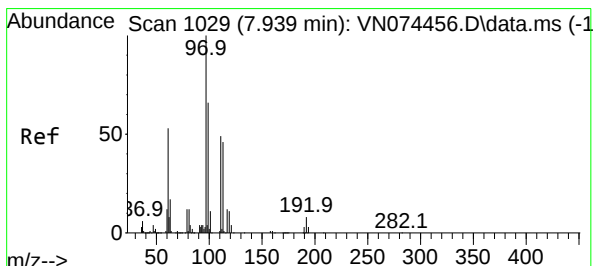
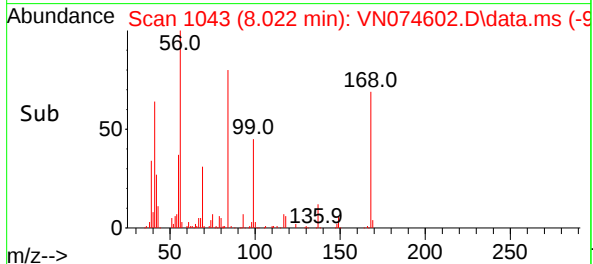
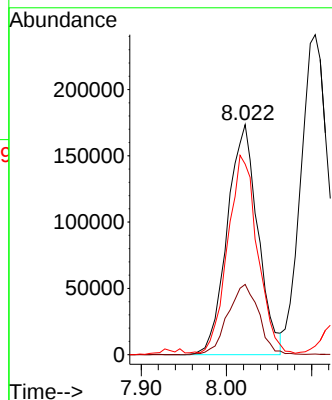
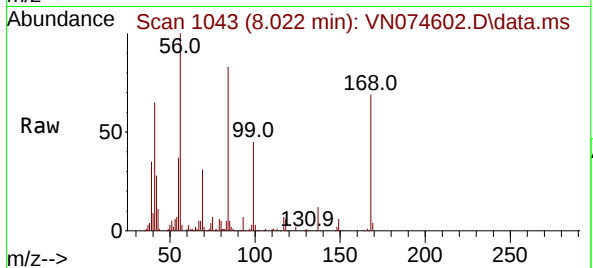
84 80.3 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#32

1,1,1-Trichloroethane

Concen: 44.281 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

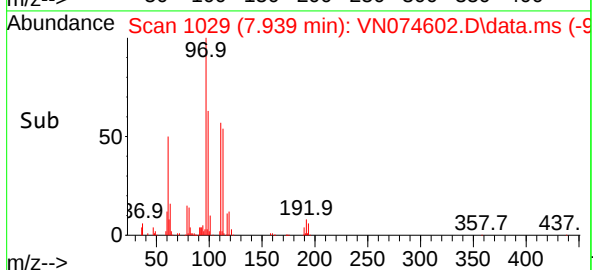
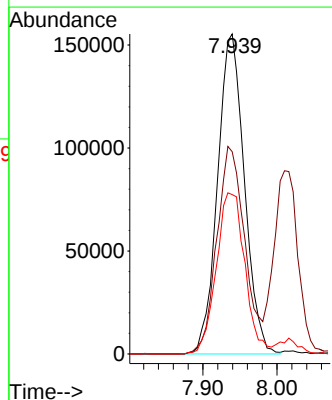
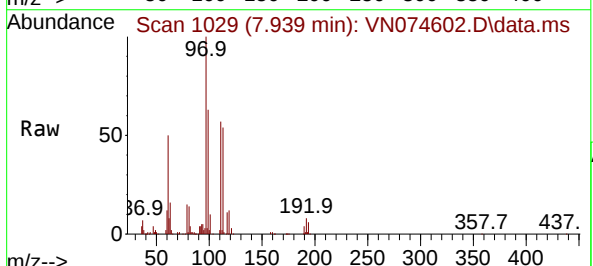
Tgt Ion: 97 Resp: 390499

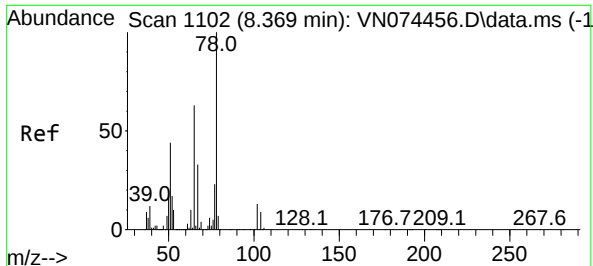
Ion Ratio Lower Upper

97 100

99 67.9 50.6 76.0

61 53.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.789 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 303250

Ion Ratio Lower Upper

65 100

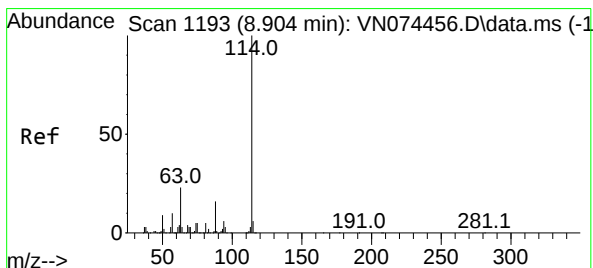
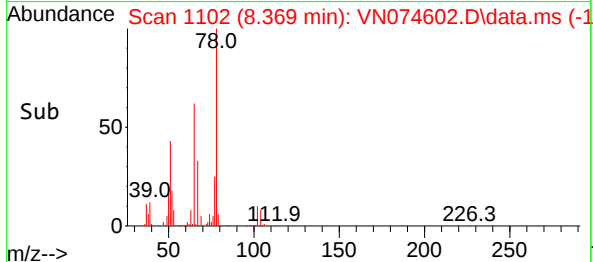
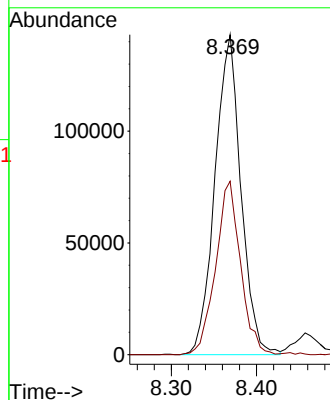
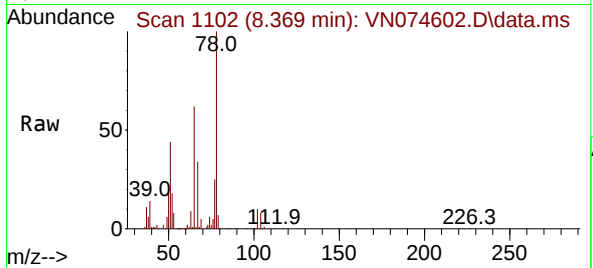
67 51.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

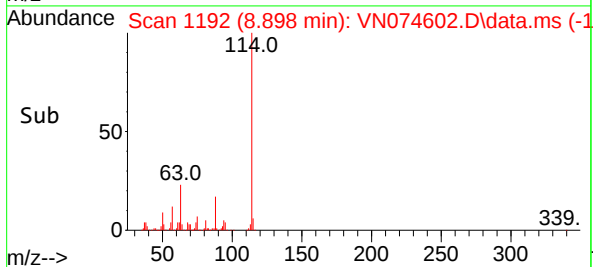
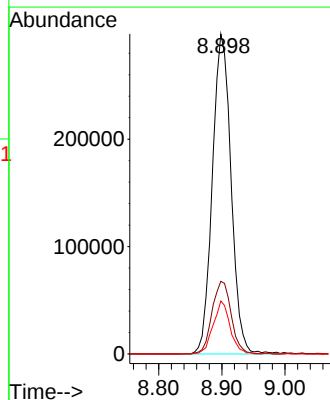
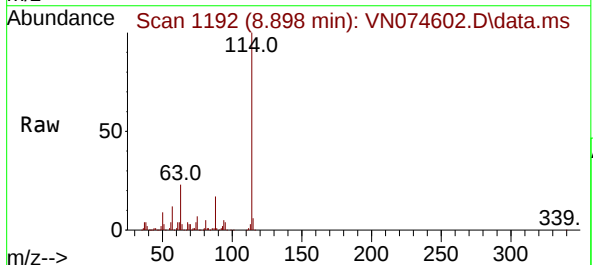
Tgt Ion:114 Resp: 612749

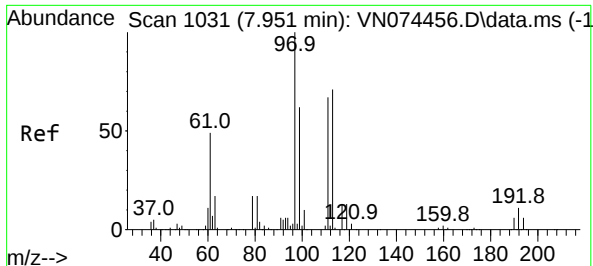
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.287 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

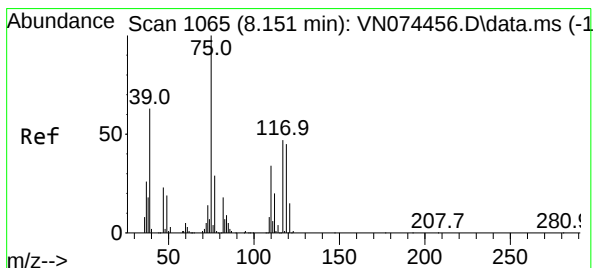
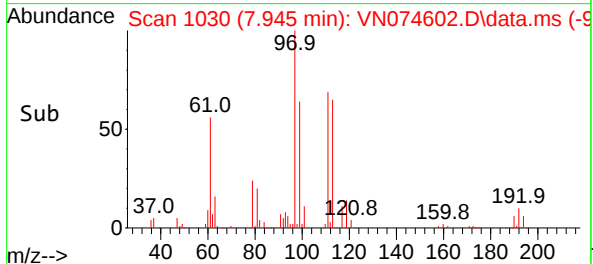
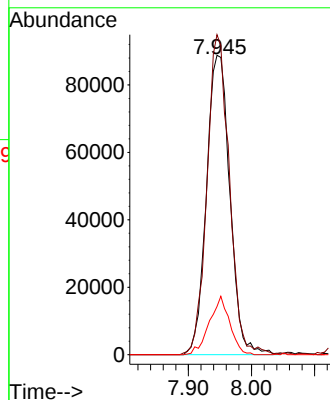
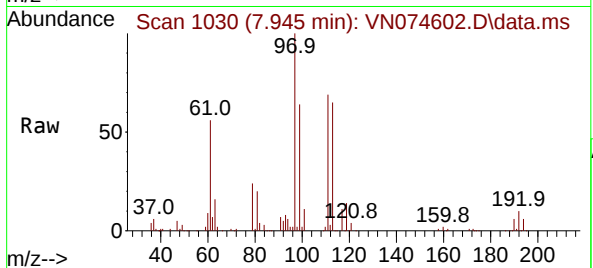
Tgt Ion:	113	Resp:	229110
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.4	122.0
192	17.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#36

1,1-Dichloropropene

Concen: 48.191 ug/l

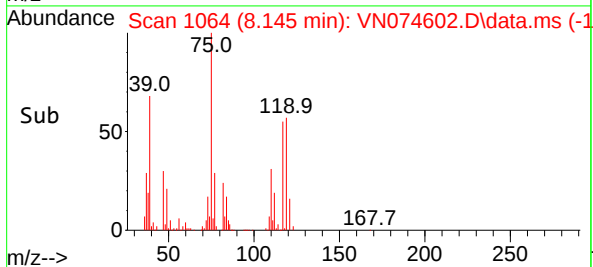
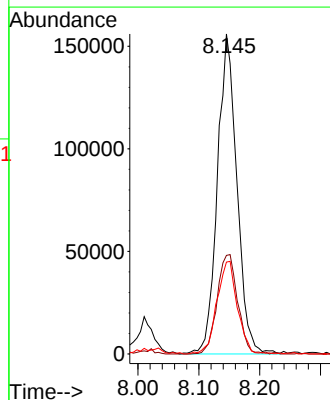
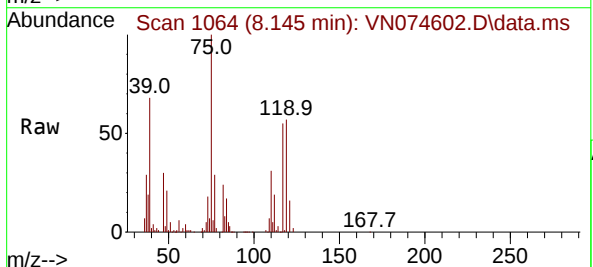
RT: 8.145 min Scan# 1064

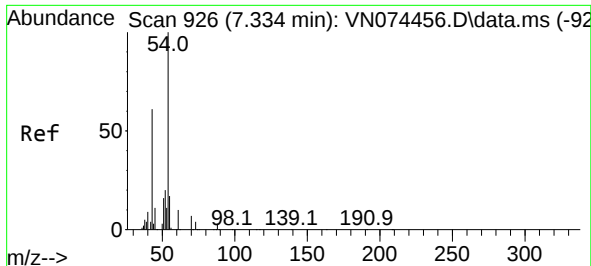
Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

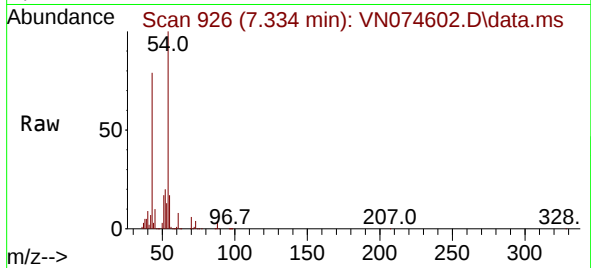
Tgt Ion:	75	Resp:	347205
Ion Ratio	Lower	Upper	
75	100		
110	32.6	18.3	54.8
77	30.5	25.1	37.7





#37
Ethyl Acetate
Concen: 54.716 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

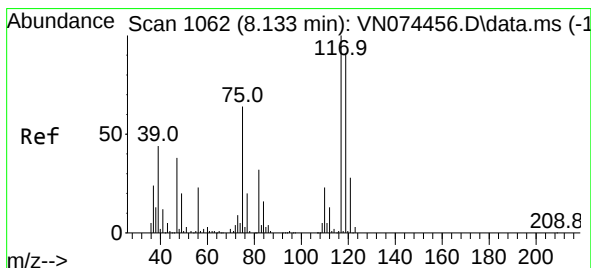
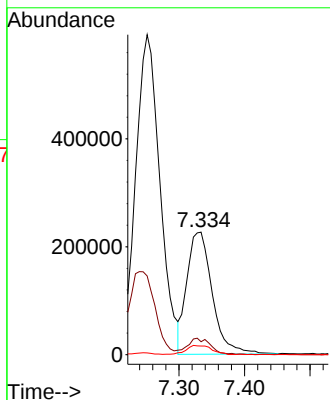
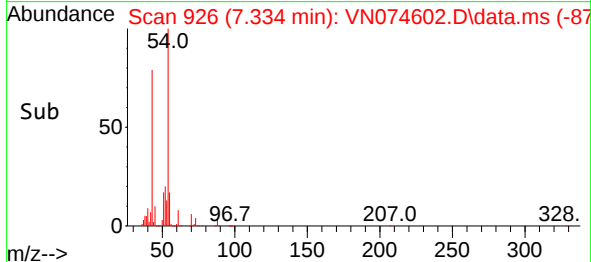
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 608798
Ion Ratio Lower Upper
43 100
61 12.6 11.8 17.6
70 7.3 9.3 13.9

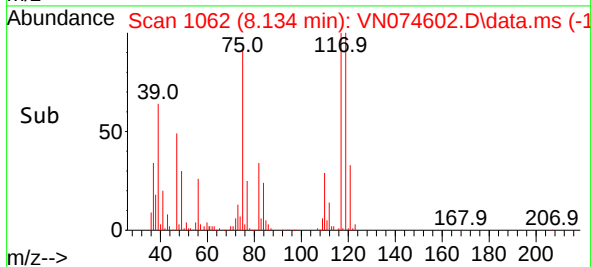
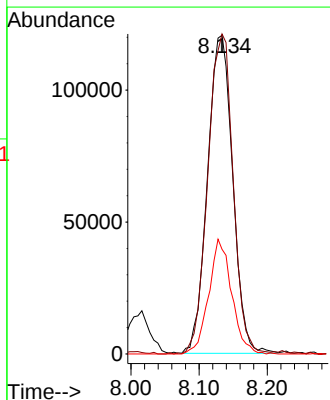
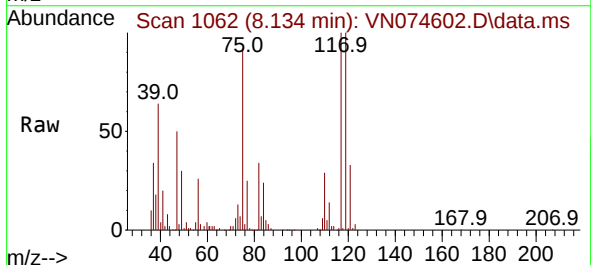
Manual Integrations
APPROVED

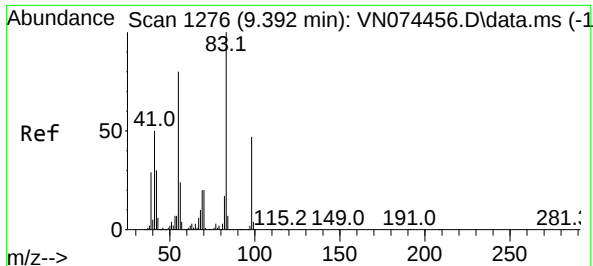
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#38
Carbon Tetrachloride
Concen: 46.740 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

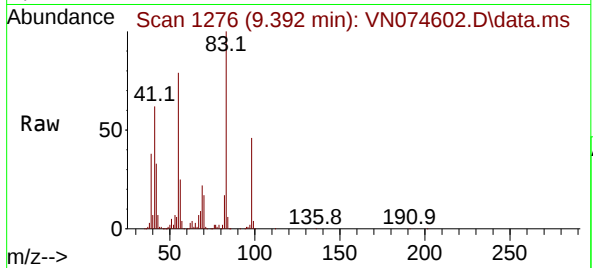
Tgt Ion:117 Resp: 310910
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.8
121 32.9 24.6 37.0





#39
Methylcyclohexane
Concen: 48.688 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

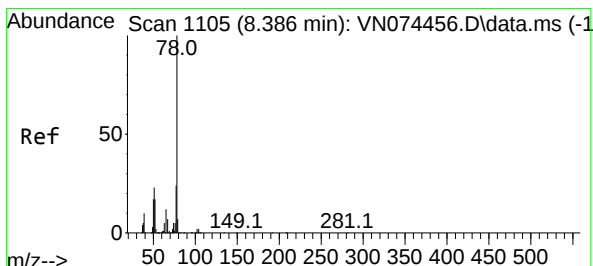
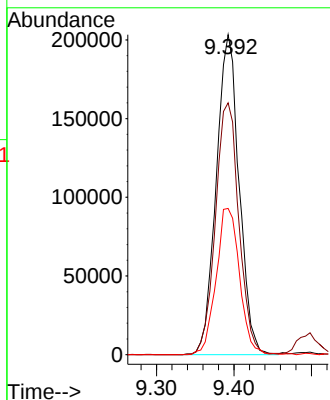
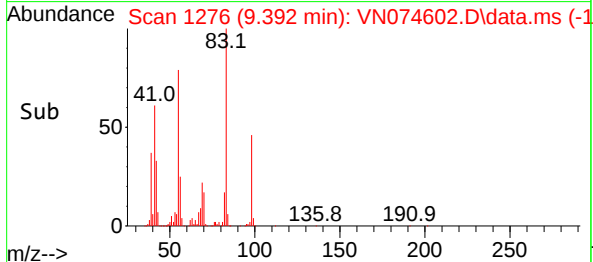
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



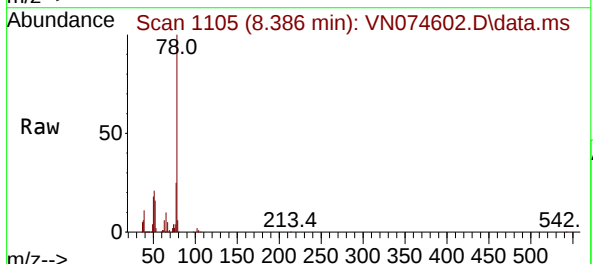
Tgt Ion: 83 Resp: 417110
Ion Ratio Lower Upper
83 100
55 78.7 57.8 86.8
98 45.7 39.4 59.2

Manual Integrations
APPROVED

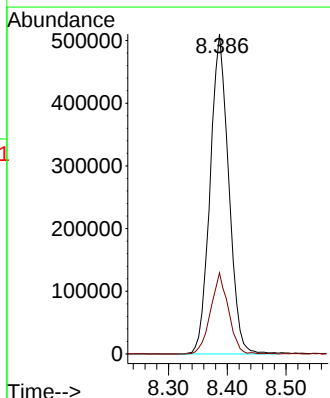
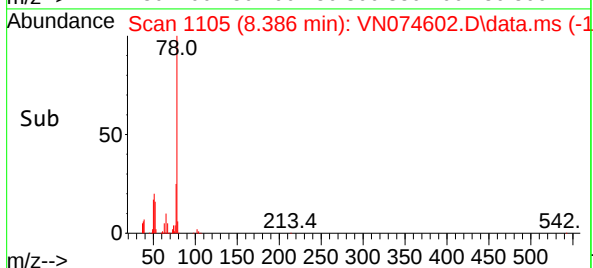
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

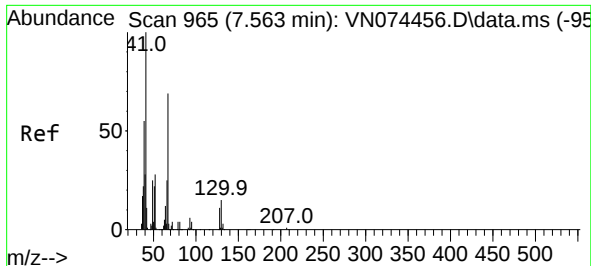


#40
Benzene
Concen: 50.198 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



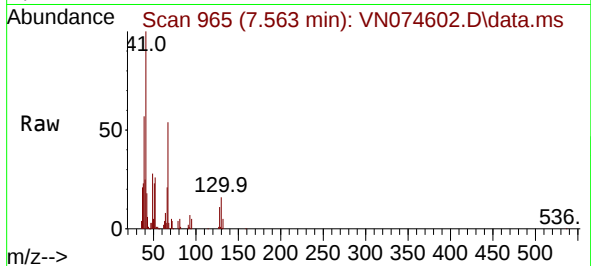
Tgt Ion: 78 Resp: 1118353
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.0





#41
Methacrylonitrile
Concen: 50.799 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

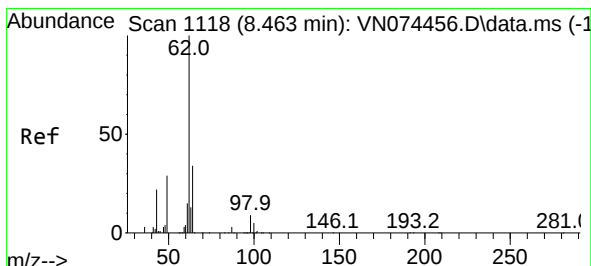
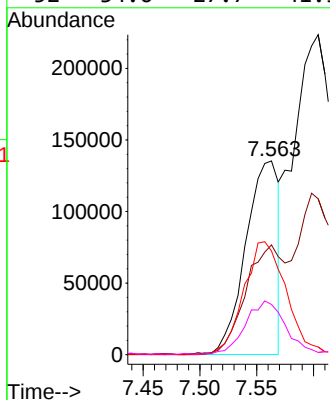
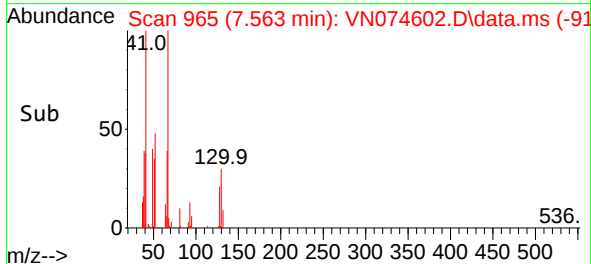
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



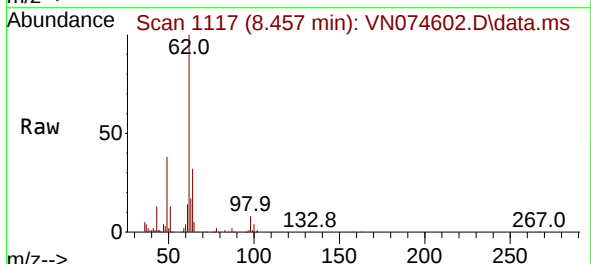
Tgt Ion: 41 Resp: 27326
Ion Ratio Lower Upper
41 100
39 65.5 48.6 73.0
67 75.1 73.4 110.2
52 34.6 27.7 41.5

Manual Integrations
APPROVED

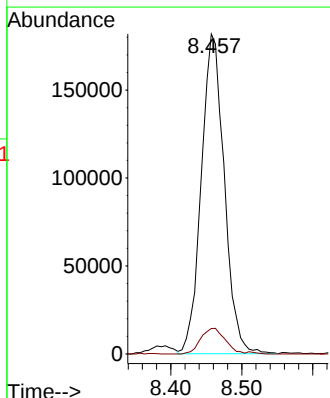
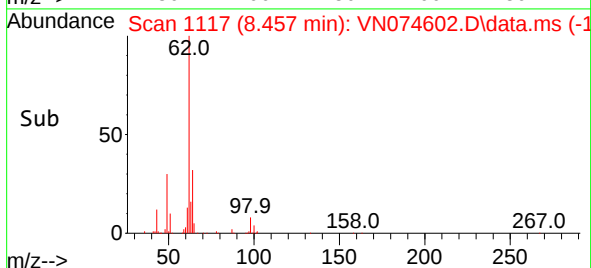
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

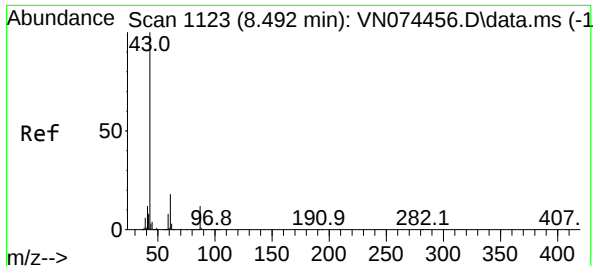


#42
1,2-Dichloroethane
Concen: 53.548 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



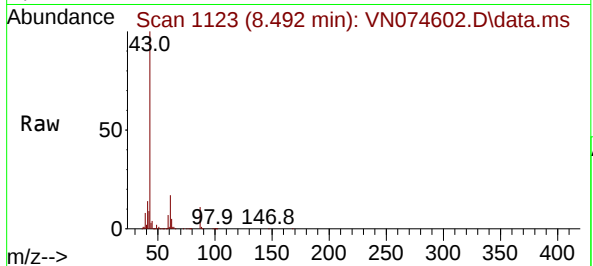
Tgt Ion: 62 Resp: 409395
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.548 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

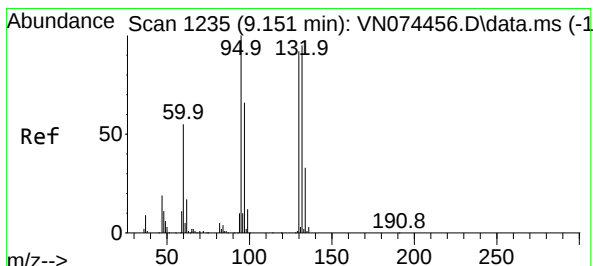
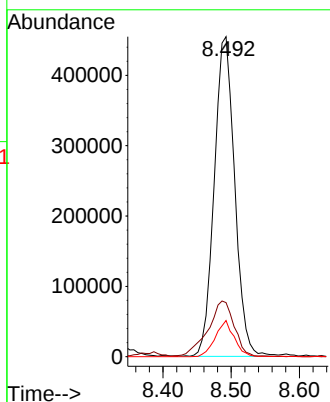
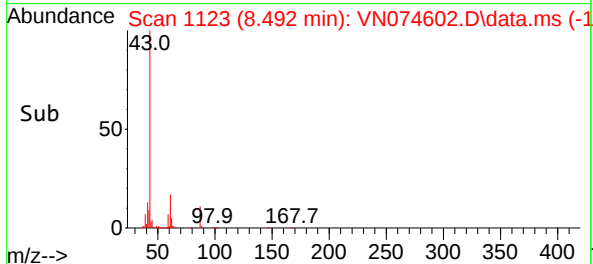
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 950694
Ion Ratio Lower Upper
43 100
61 22.5 21.9 32.9
87 10.4 12.0 18.0

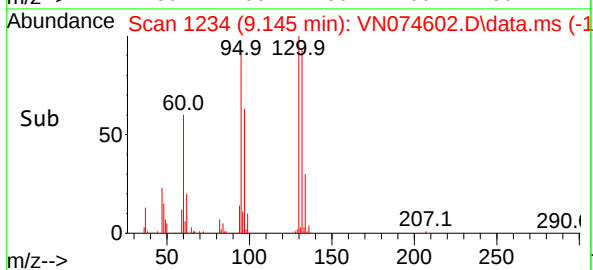
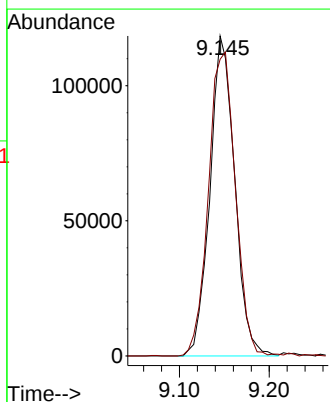
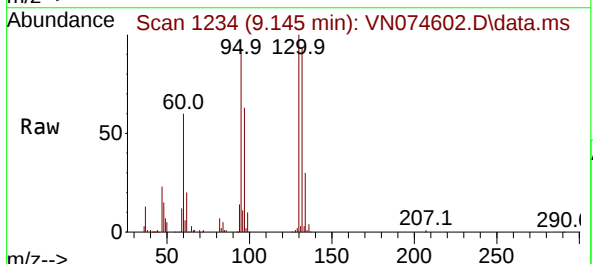
Manual Integrations
APPROVED

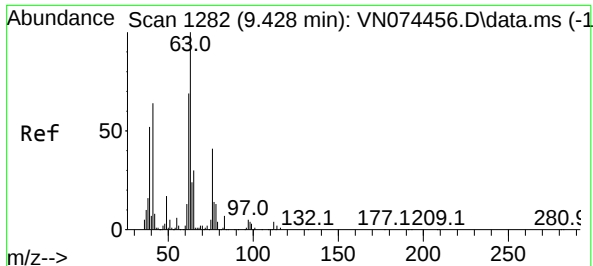
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#44
Trichloroethene
Concen: 47.060 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion:130 Resp: 226869
Ion Ratio Lower Upper
130 100
95 92.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 52.304 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 320250

Ion Ratio Lower Upper

63 100

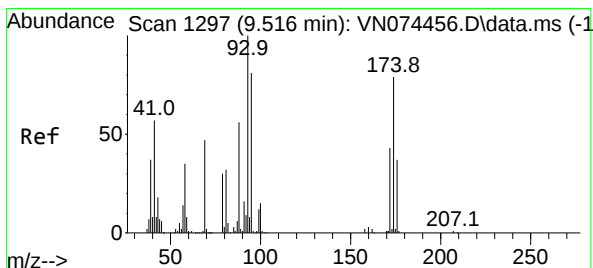
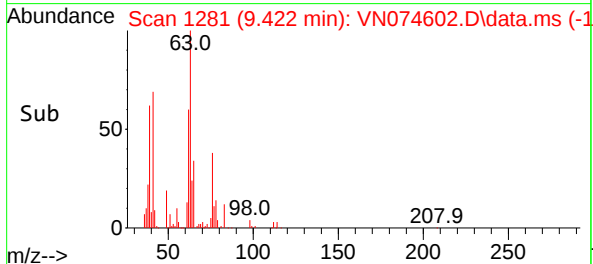
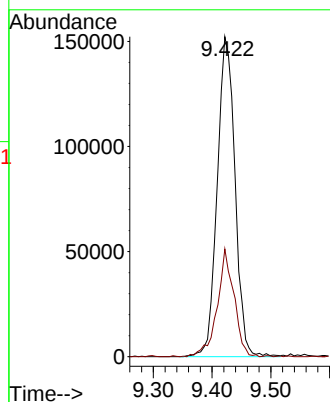
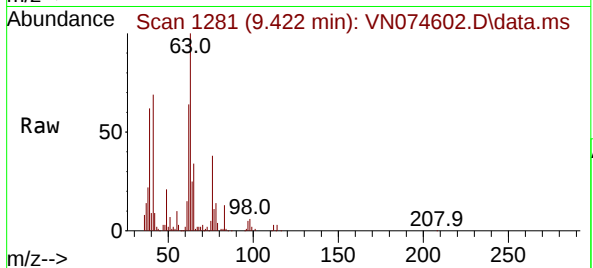
65 33.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#46

Dibromomethane

Concen: 52.224 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

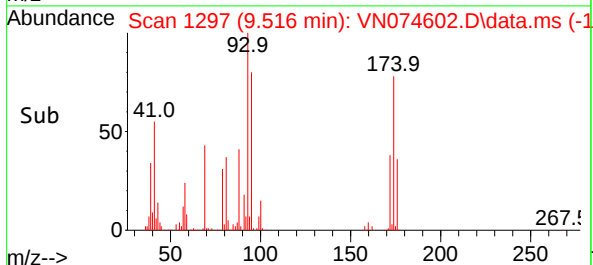
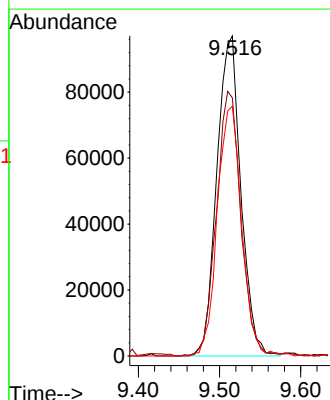
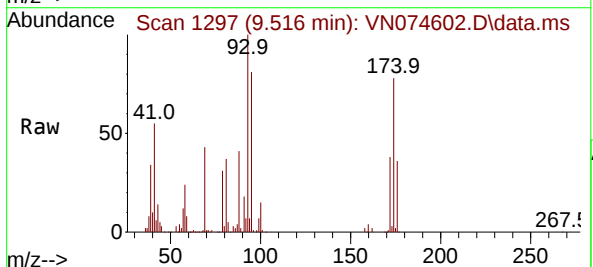
Tgt Ion: 93 Resp: 200264

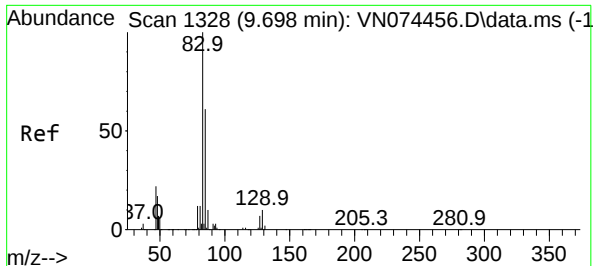
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 79.4 86.6 130.0





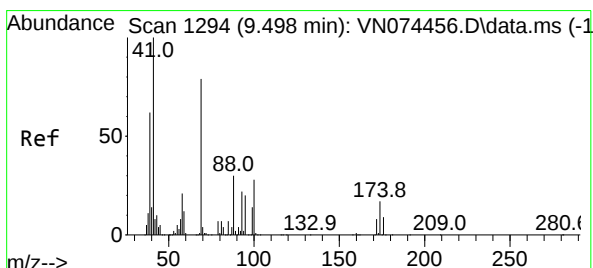
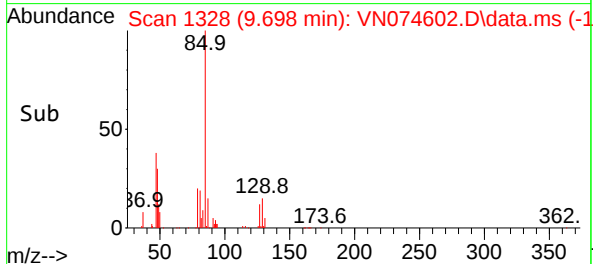
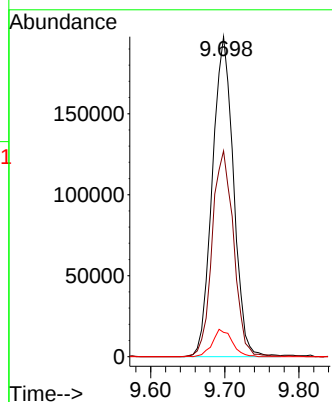
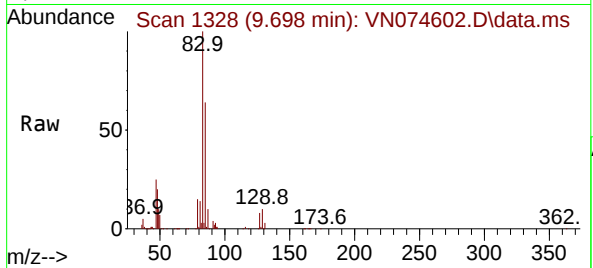
#47
Bromodichloromethane
Concen: 52.079 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 39154
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 7.6 6.8 10.2

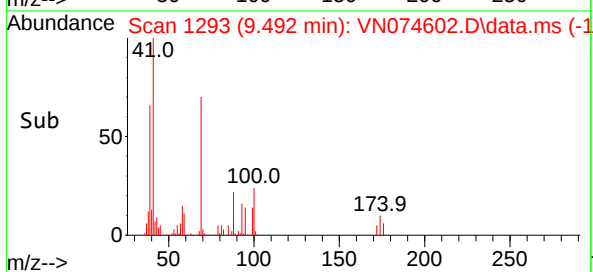
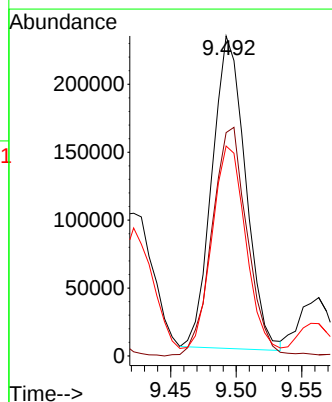
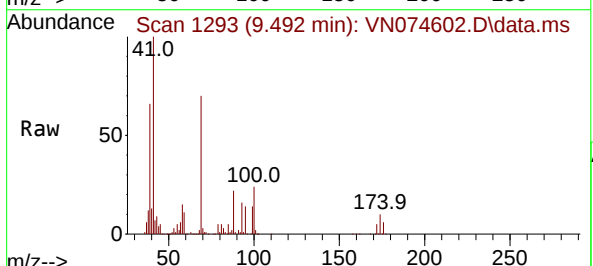
Manual Integrations
APPROVED

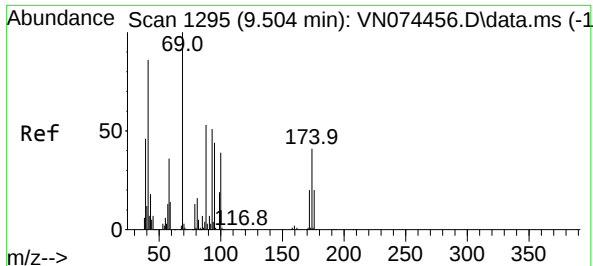
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#48
Methyl methacrylate
Concen: 52.739 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion: 41 Resp: 407563
Ion Ratio Lower Upper
41 100
69 77.9 74.7 112.1
39 65.4 45.6 68.4





#49

1,4-Dioxane

Concen: 974.580 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN074602.D

Acq: 21 Sep 2022 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 144798

Ion Ratio Lower Upper

88 100

43 37.3 20.2 30.4

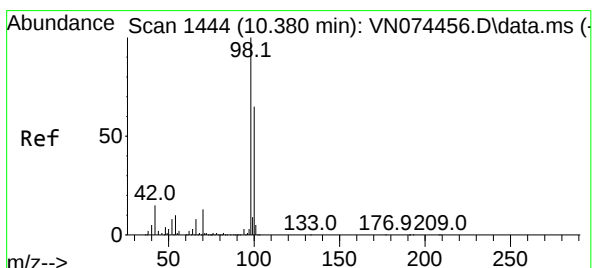
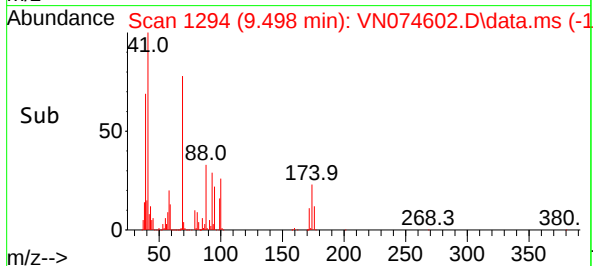
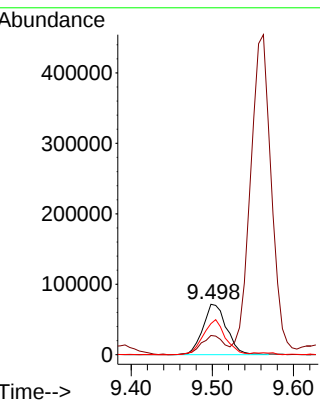
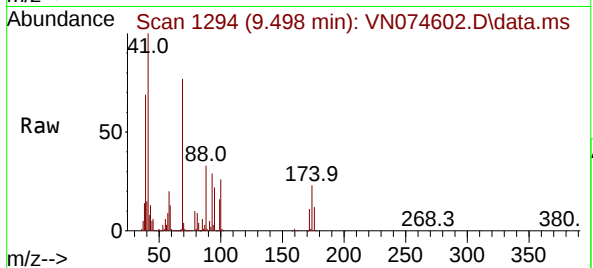
58 64.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#50

Toluene-d8

Concen: 52.313 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074602.D

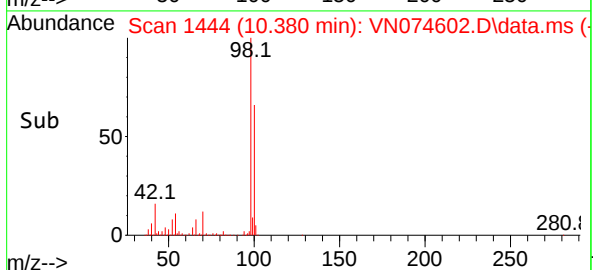
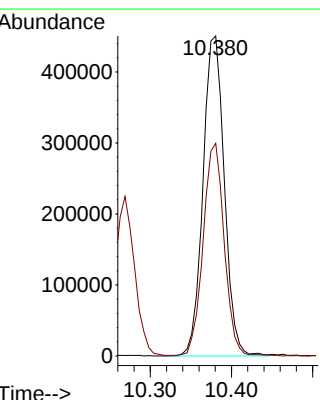
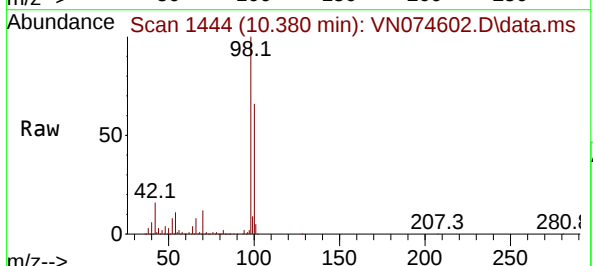
Acq: 21 Sep 2022 09:51

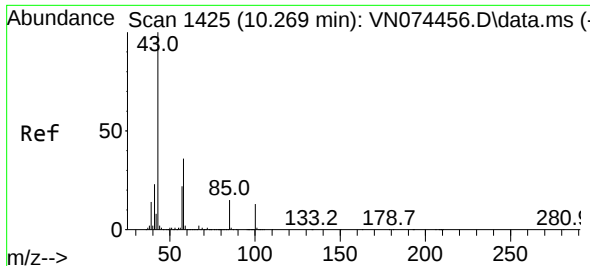
Tgt Ion: 98 Resp: 823500

Ion Ratio Lower Upper

98 100

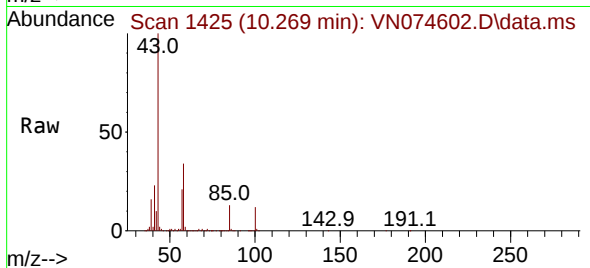
100 65.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 286.644 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

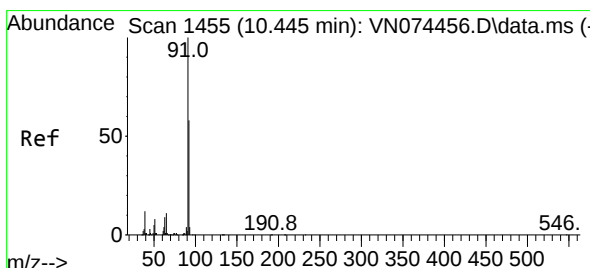
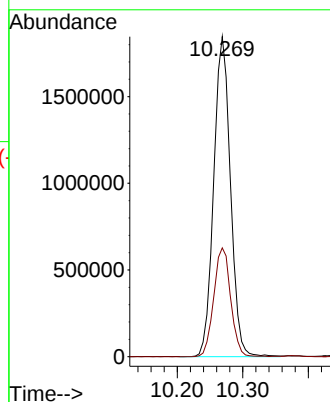
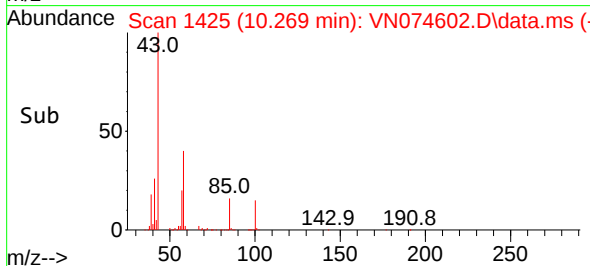
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



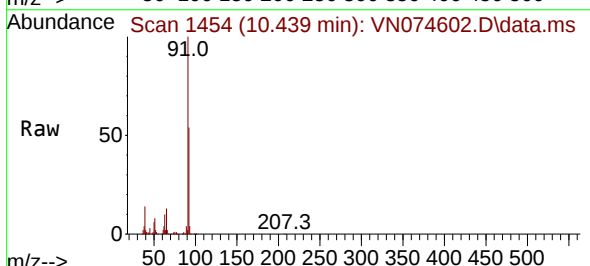
Tgt Ion: 43 Resp: 326233
Ion Ratio Lower Upper
43 100
58 34.4 34.1 51.1

Manual Integrations
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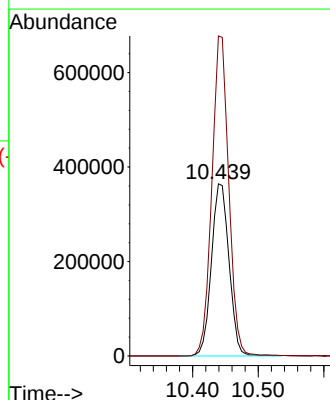
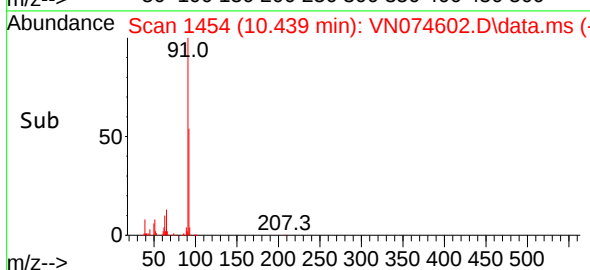
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

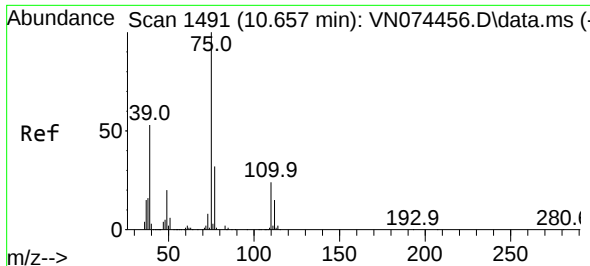


#52
Toluene
Concen: 51.967 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



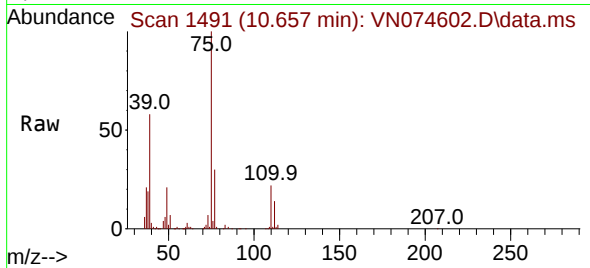
Tgt Ion: 92 Resp: 678909
Ion Ratio Lower Upper
92 100
91 178.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.312 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

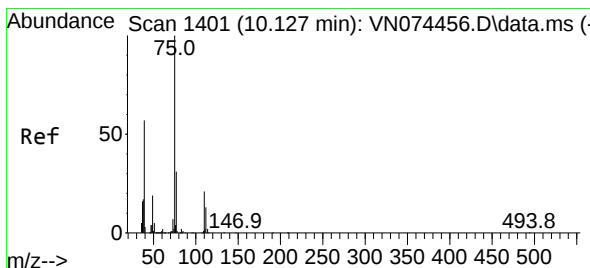
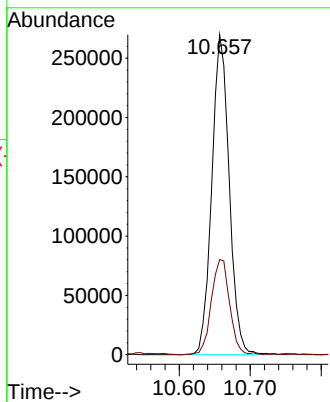
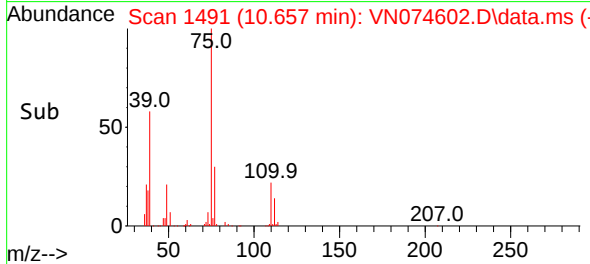
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



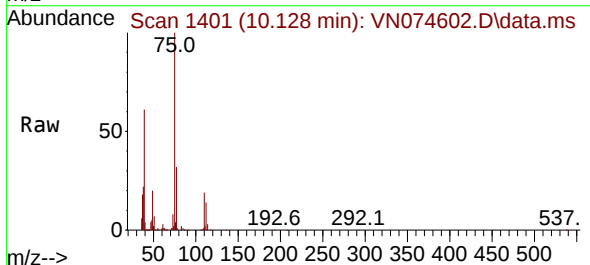
Tgt Ion: 75 Resp: 45837
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

Manual Integrations
APPROVED

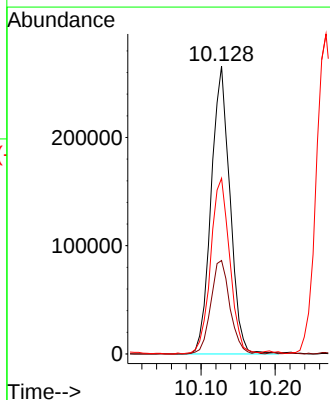
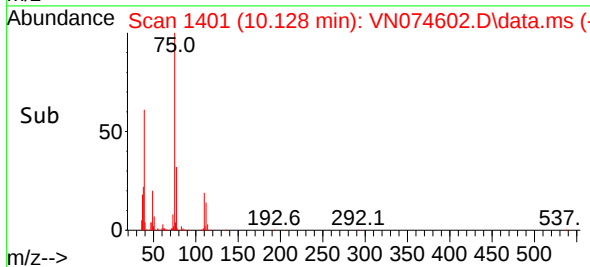
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

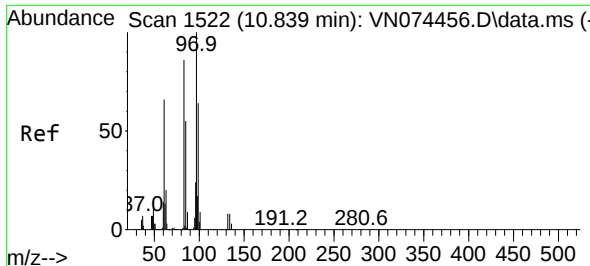


#54
cis-1,3-Dichloropropene
Concen: 49.999 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



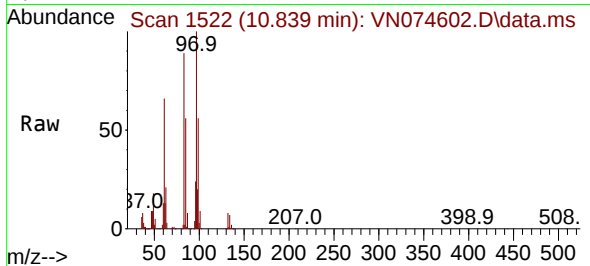
Tgt Ion: 75 Resp: 468838
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 60.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 53.959 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

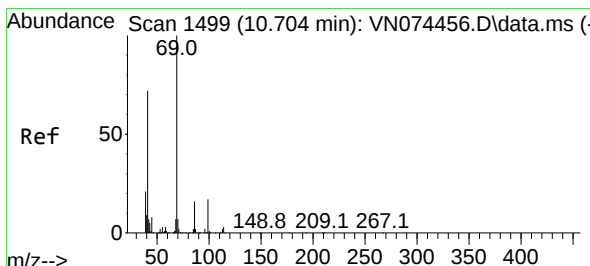
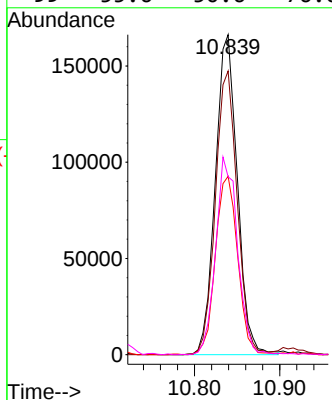
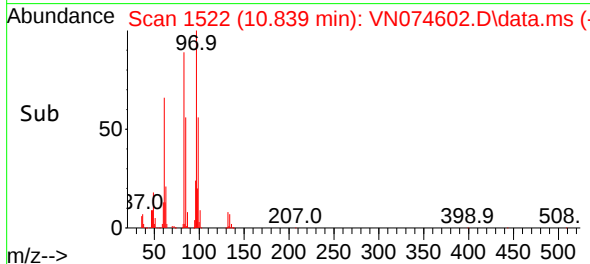
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



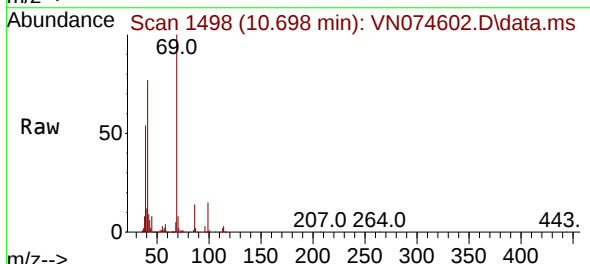
Tgt Ion: 97 Resp: 298600
Ion Ratio Lower Upper
97 100
83 88.6 66.2 99.4
85 55.5 43.9 65.9
99 55.6 50.6 76.0

Manual Integrations
APPROVED

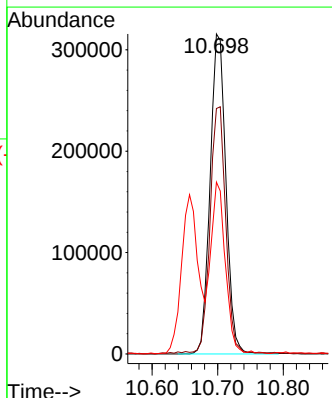
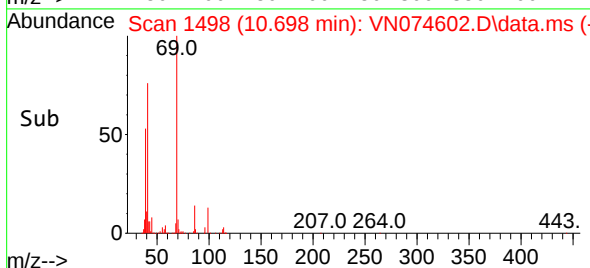
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

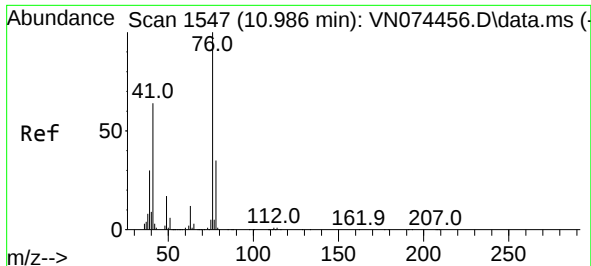


#56
Ethyl methacrylate
Concen: 53.496 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



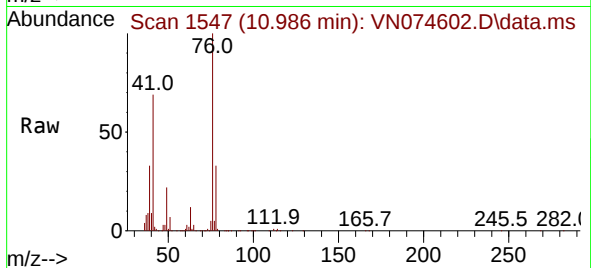
Tgt Ion: 69 Resp: 528803
Ion Ratio Lower Upper
69 100
41 77.5 47.8 71.6#
39 48.3 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 53.156 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

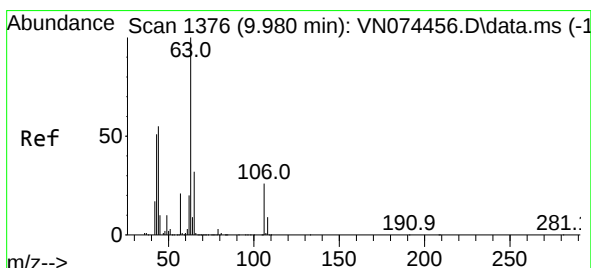
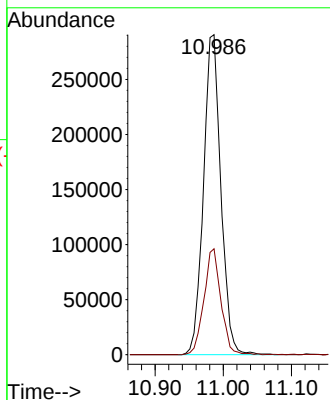
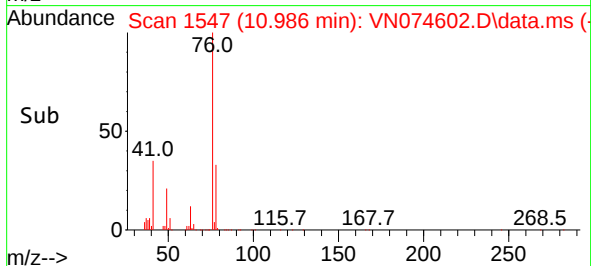
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



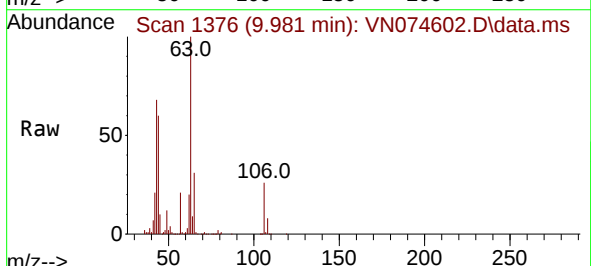
Tgt Ion: 76 Resp: 51574
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

Manual Integrations
APPROVED

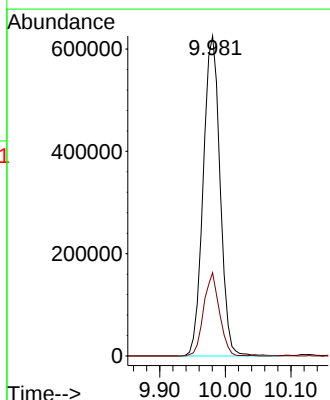
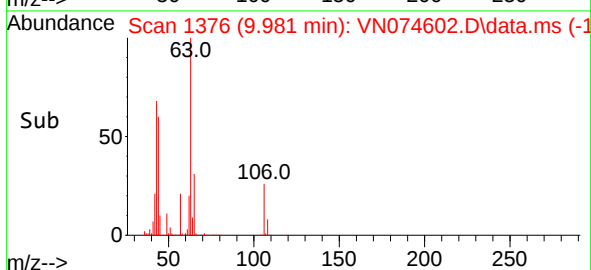
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

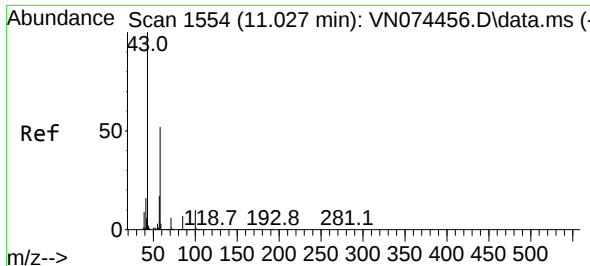


#58
2-Chloroethyl Vinyl ether
Concen: 257.215 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



Tgt Ion: 63 Resp: 1118964
Ion Ratio Lower Upper
63 100
106 24.4 24.6 36.8#





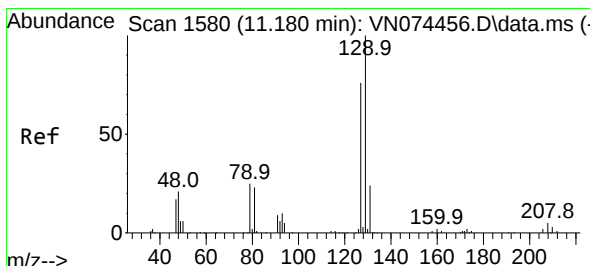
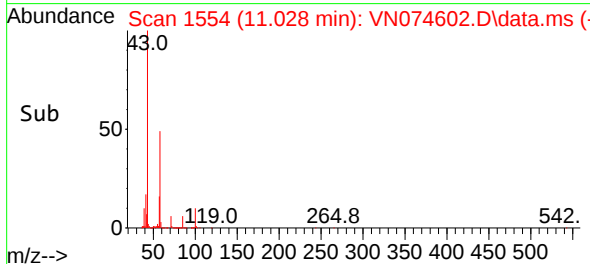
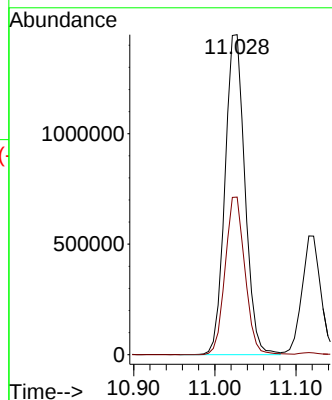
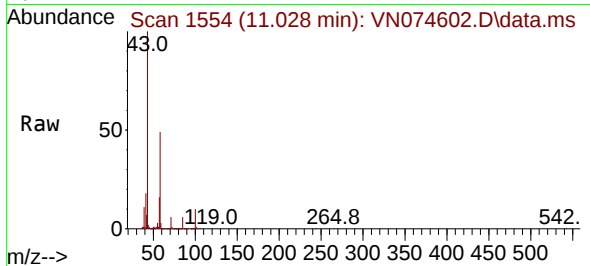
#59
2-Hexanone
Concen: 284.686 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247341
Ion Ratio Lower Upper
43 100
58 49.0 29.7 89.1

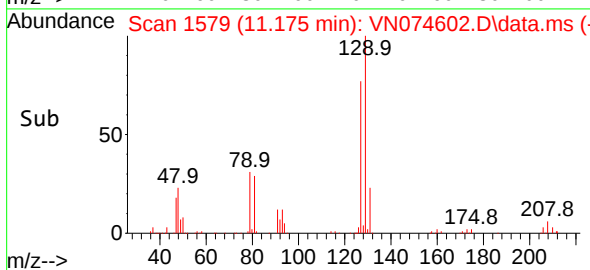
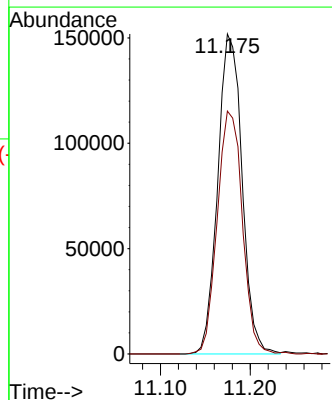
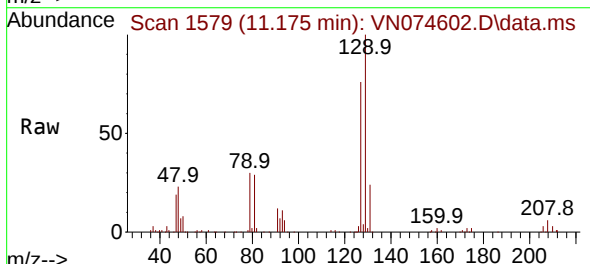
Manual Integrations
APPROVED

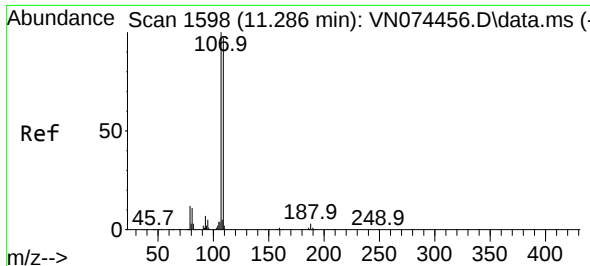
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#60
Dibromochloromethane
Concen: 53.937 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

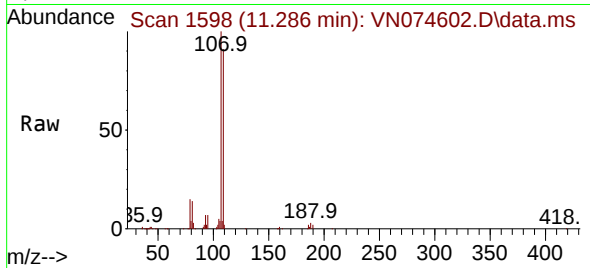
Tgt Ion:129 Resp: 285733
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.792 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

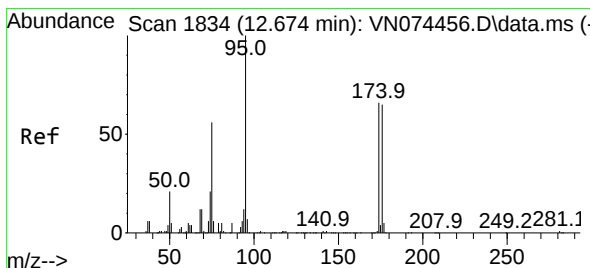
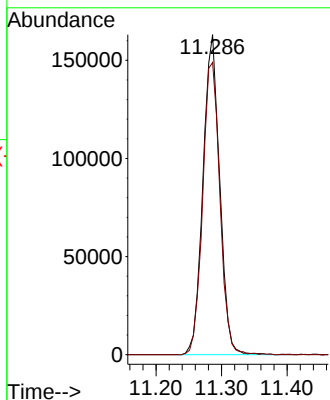
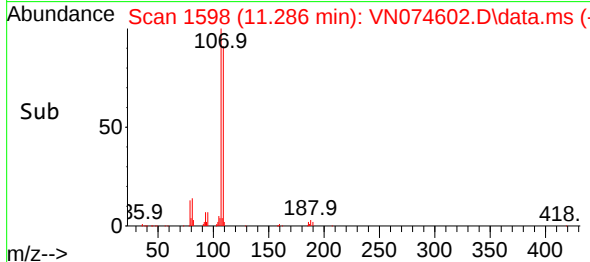
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 28918
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

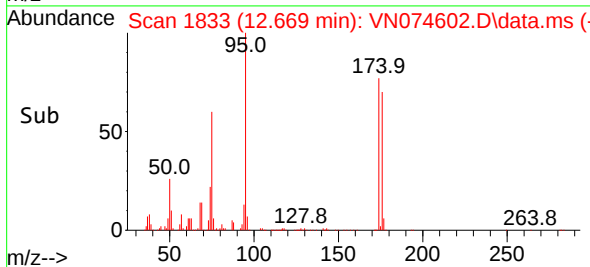
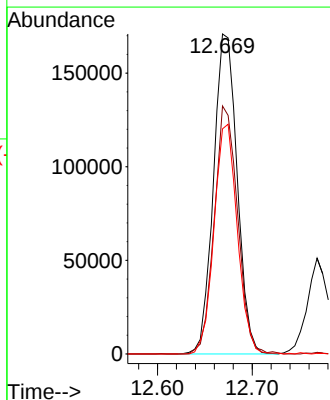
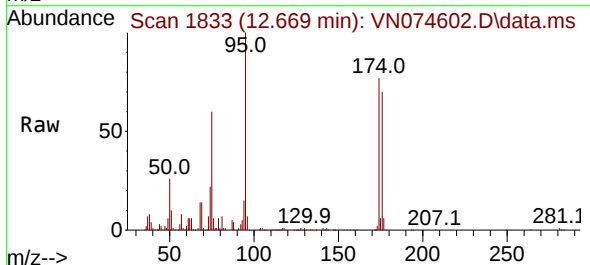
Manual Integrations
APPROVED

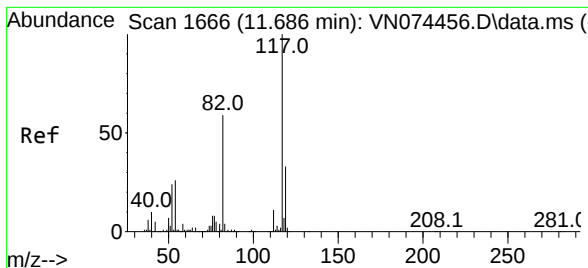
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#62
4-Bromofluorobenzene
Concen: 55.089 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

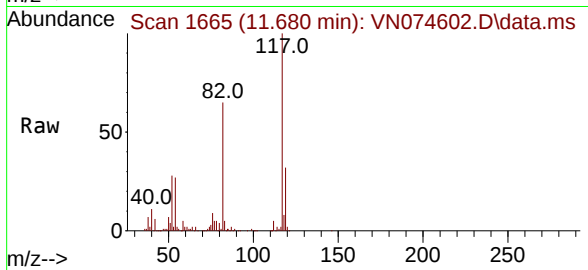
Tgt Ion: 95 Resp: 297010
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 70.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

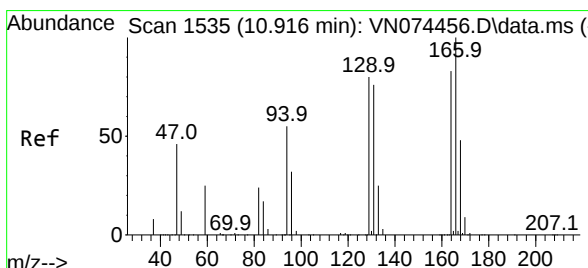
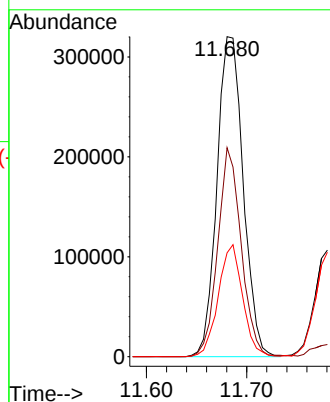
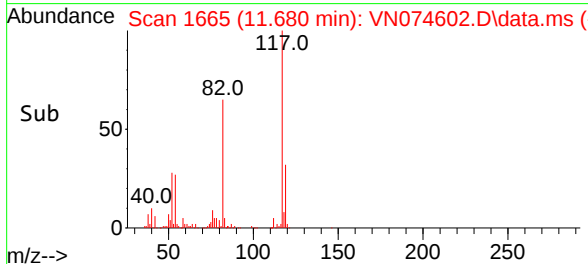
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



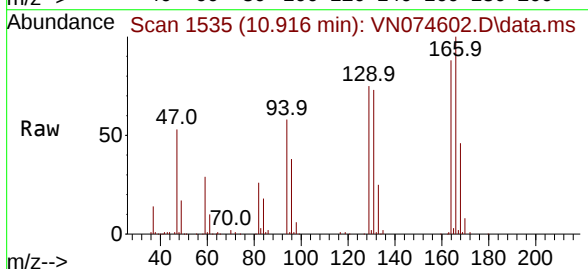
Tgt Ion:117 Resp: 581994
Ion Ratio Lower Upper
117 100
82 65.3 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

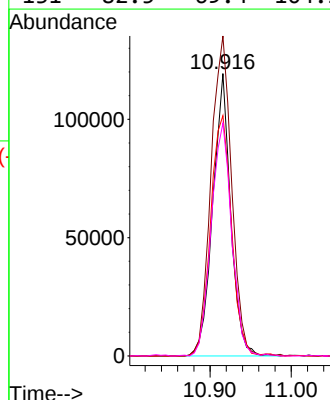
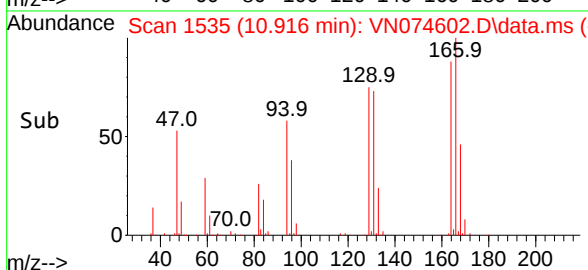
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

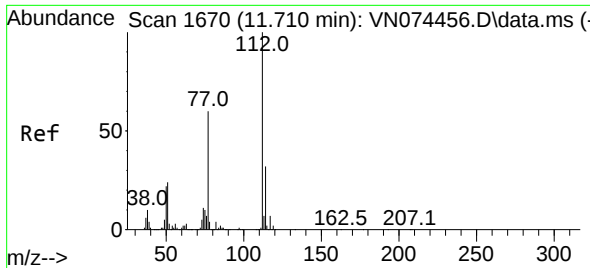


#64
Tetrachloroethene
Concen: 45.691 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



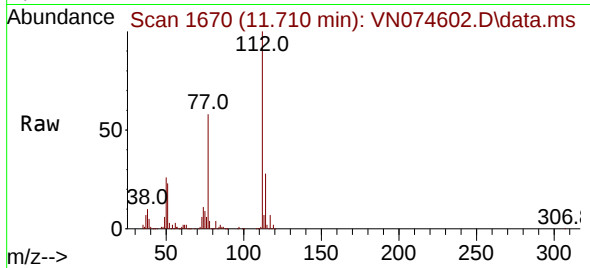
Tgt Ion:164 Resp: 182492
Ion Ratio Lower Upper
164 100
166 113.3 104.2 156.2
129 85.1 73.9 110.9
131 82.5 69.4 104.2





#65
Chlorobenzene
Concen: 49.199 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

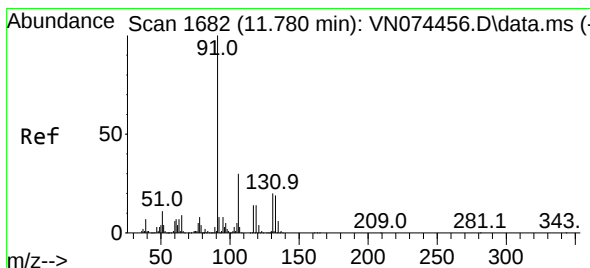
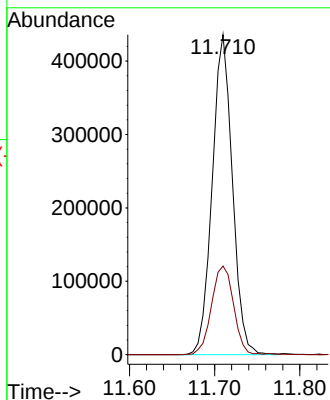
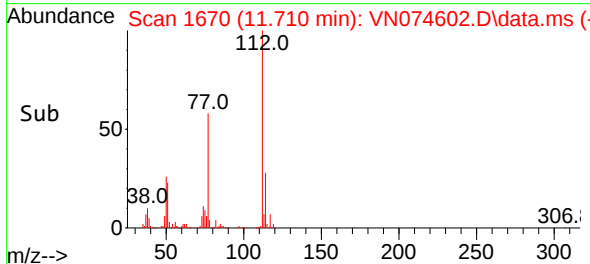
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



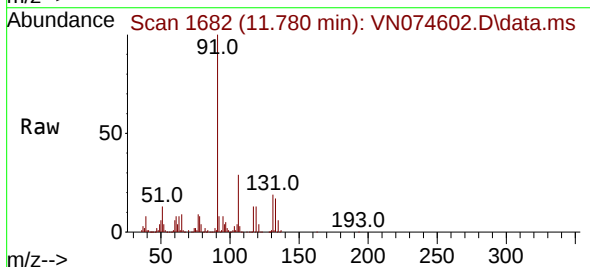
Tgt Ion:112 Resp: 718840
Ion Ratio Lower Upper
112 100
114 27.7 25.4 38.2

Manual Integrations
APPROVED

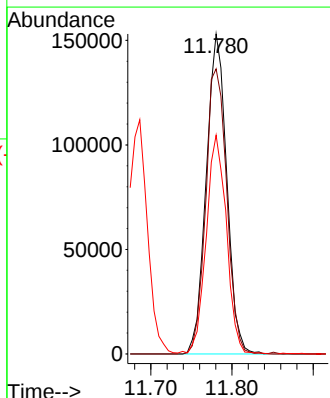
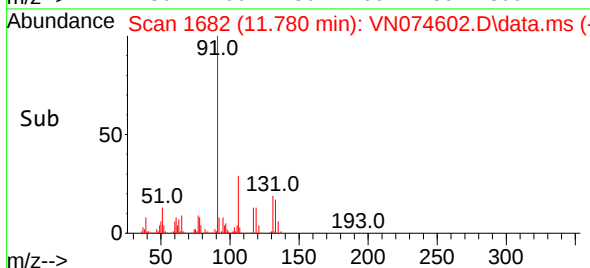
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

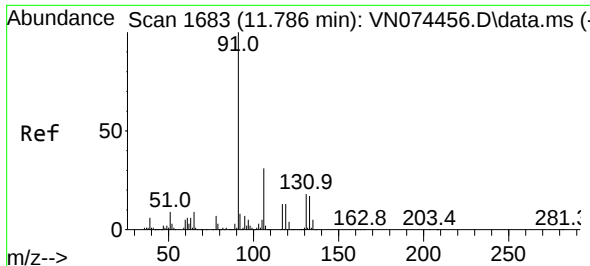


#66
1,1,1,2-Tetrachloroethane
Concen: 50.554 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



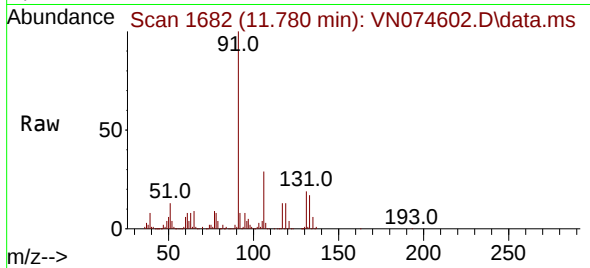
Tgt Ion:131 Resp: 268362
Ion Ratio Lower Upper
131 100
133 91.7 47.8 143.4
119 67.5 33.4 100.2





#67
Ethyl Benzene
Concen: 50.217 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

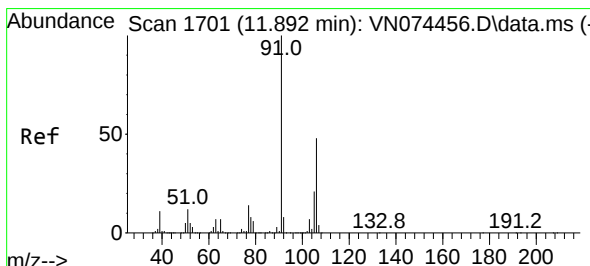
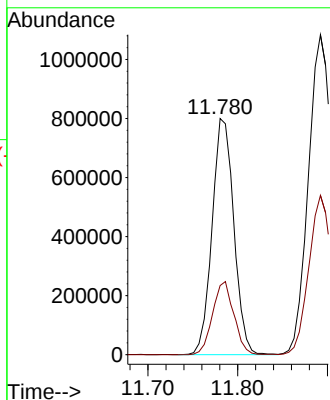
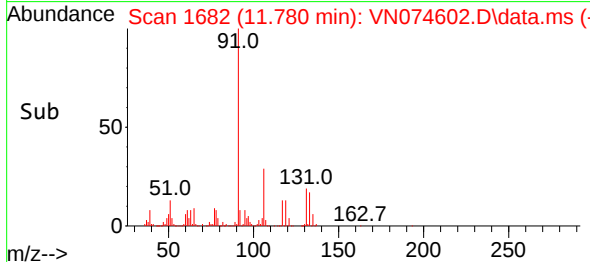
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



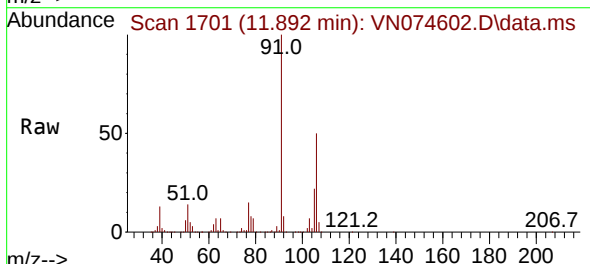
Tgt Ion: 91 Resp: 1347062
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

Manual Integrations
APPROVED

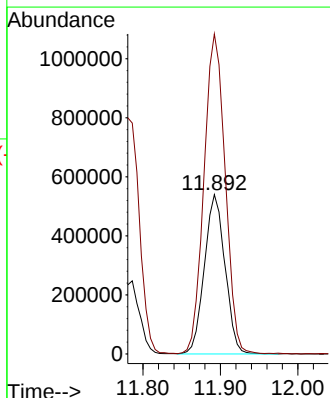
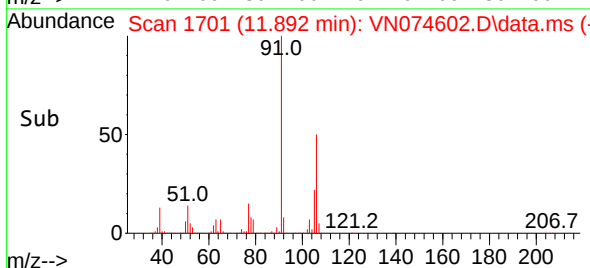
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

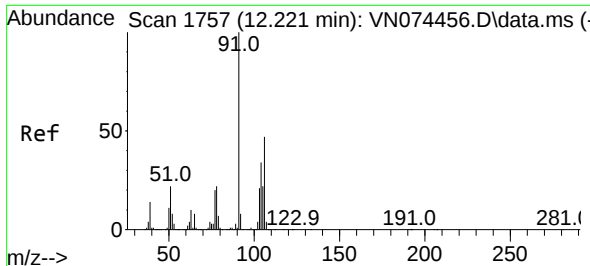


#68
m/p-Xylenes
Concen: 100.490 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



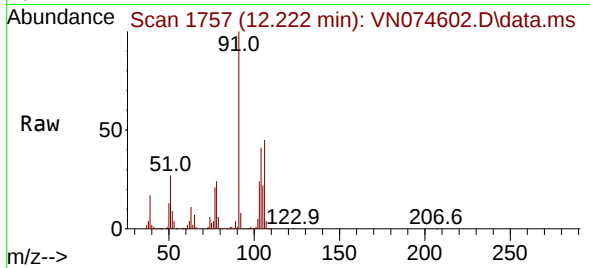
Tgt Ion:106 Resp: 996656
Ion Ratio Lower Upper
106 100
91 206.3 158.9 238.3





#69
o-Xylene
Concen: 50.164 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

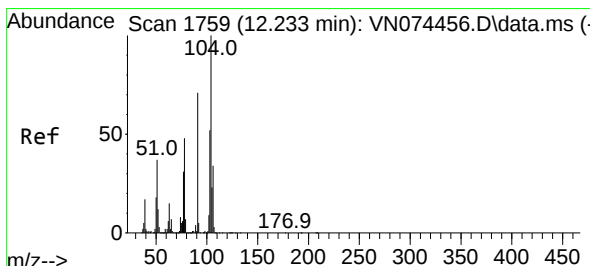
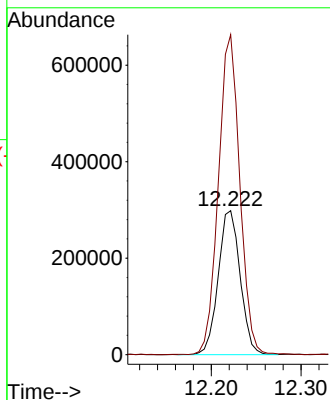
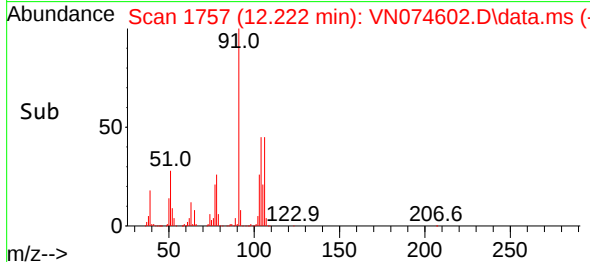
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 50727
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0

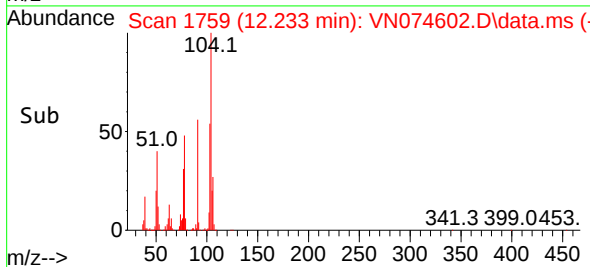
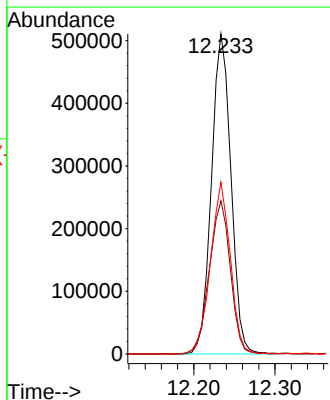
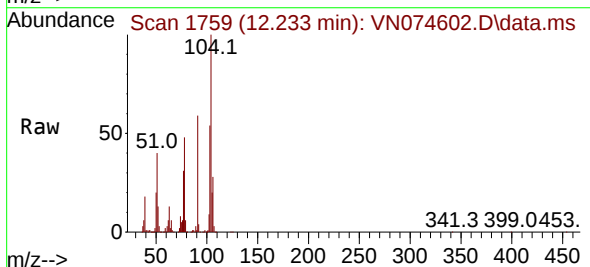
Manual Integrations
APPROVED

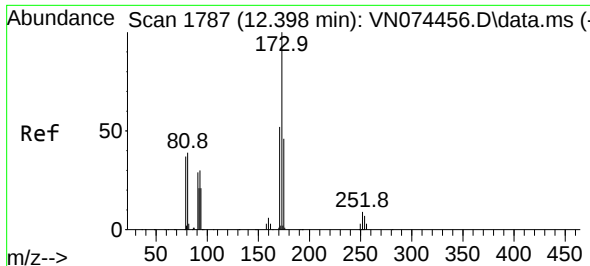
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#70
Styrene
Concen: 50.709 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

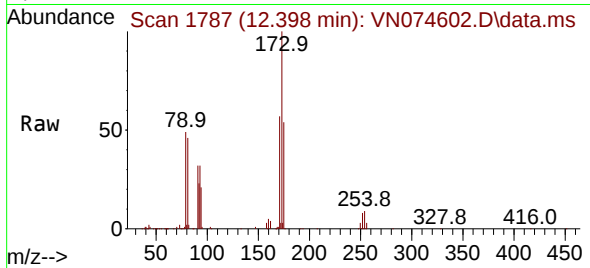
Tgt Ion:104 Resp: 852997
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 52.319 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

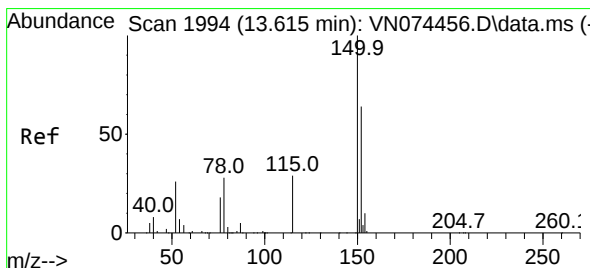
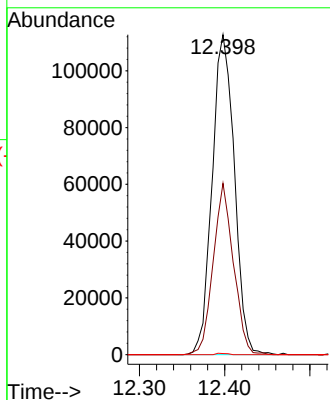
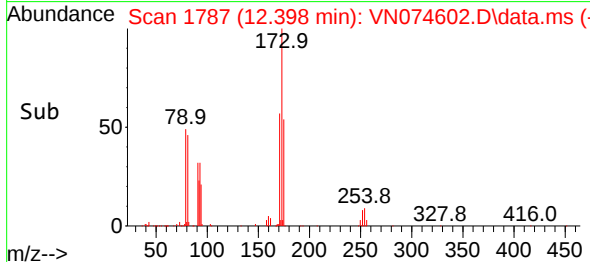
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



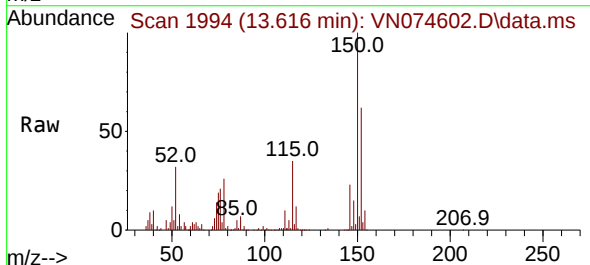
Tgt Ion:173 Resp: 20412
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

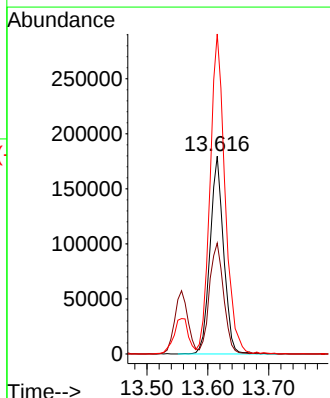
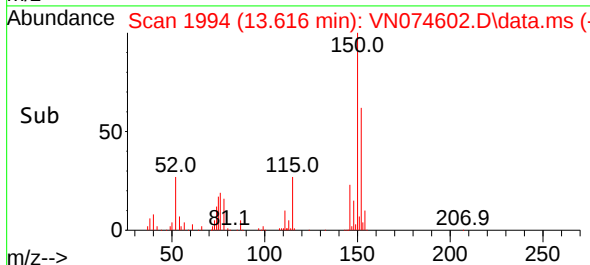
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

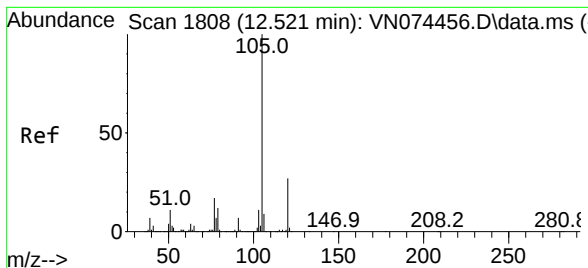


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



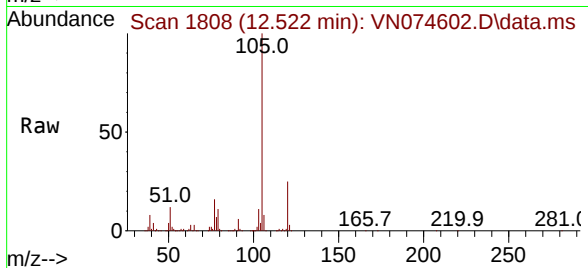
Tgt Ion:152 Resp: 278301
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 177.3 0.0 356.2





#73
Isopropylbenzene
Concen: 45.623 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

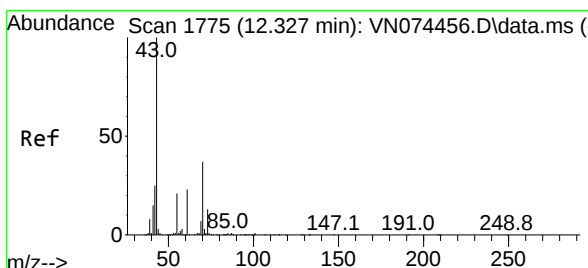
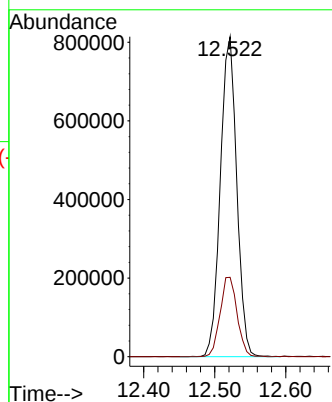
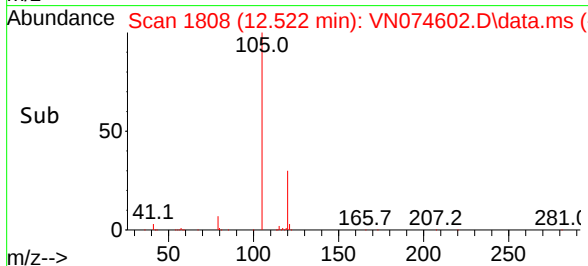
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



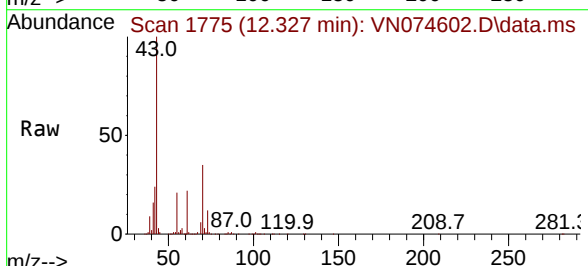
Tgt Ion:105 Resp: 1300058
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

Manual Integrations
APPROVED

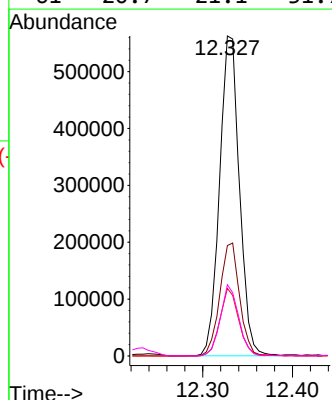
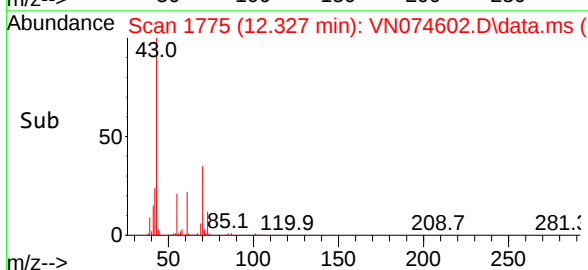
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

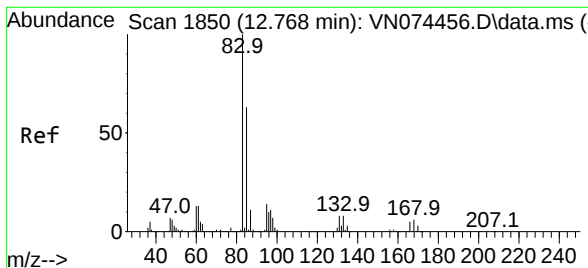


#74
N-ethyl acetate
Concen: 48.450 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



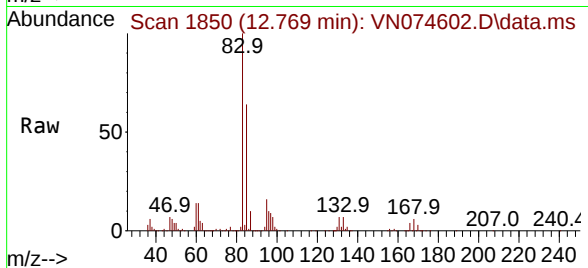
Tgt Ion: 43 Resp: 863231
Ion Ratio Lower Upper
43 100
70 35.4 39.0 58.4#
55 20.3 21.1 31.7#
61 20.7 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 45.347 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

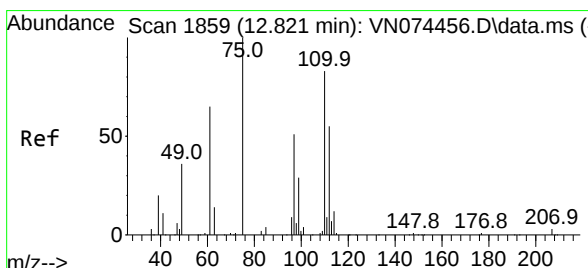
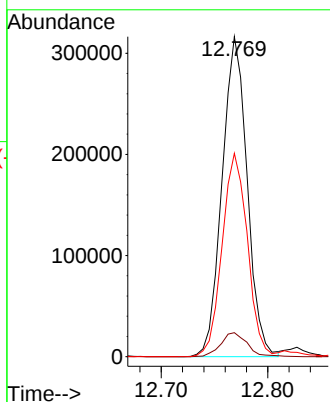
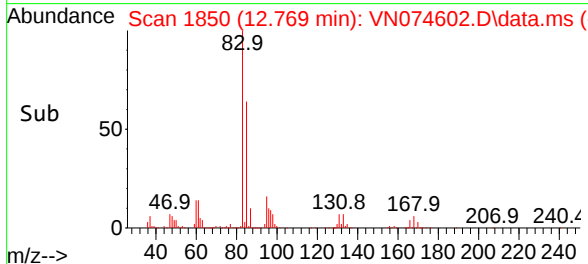
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



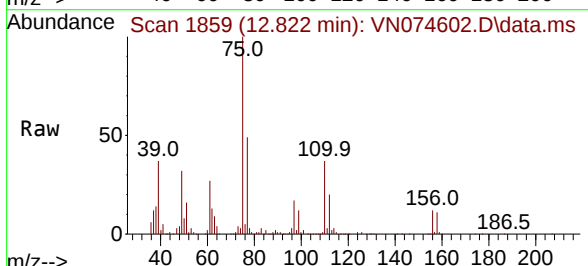
Tgt Ion: 83 Resp: 517840
Ion Ratio Lower Upper
83 100
131 7.9 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

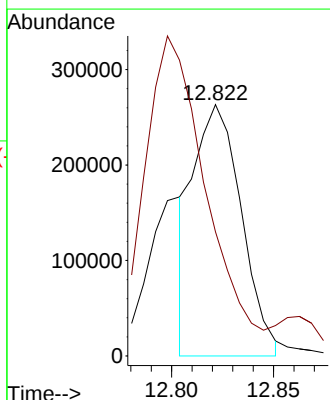
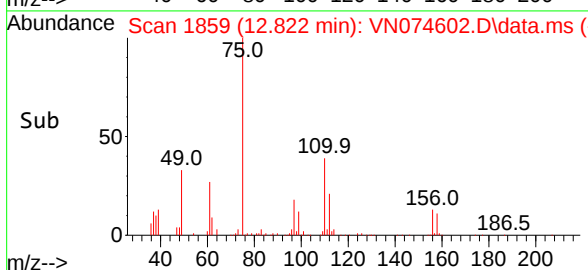
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

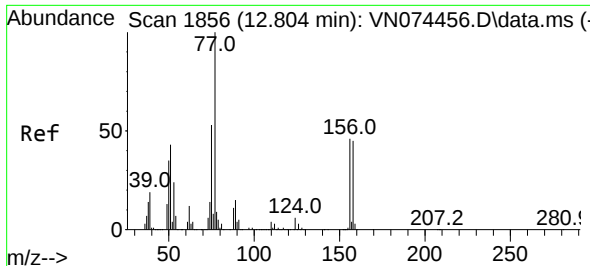


#76
1,2,3-Trichloropropane
Concen: 50.258 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



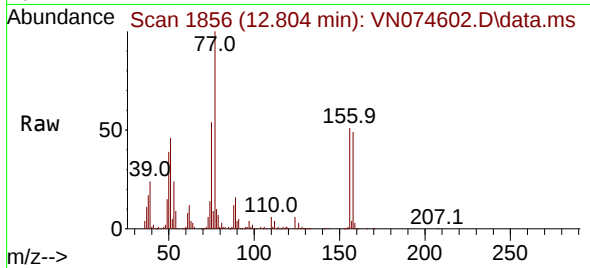
Tgt Ion: 75 Resp: 430523
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 45.188 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

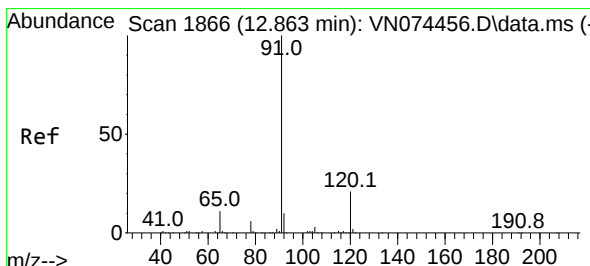
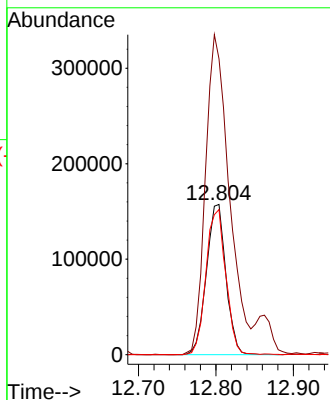
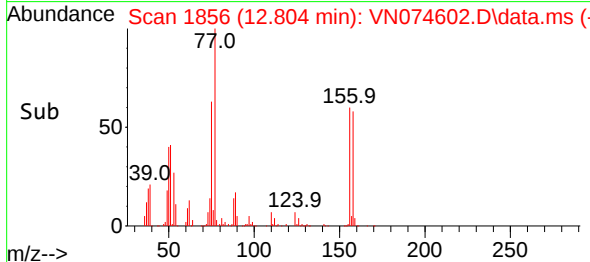
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



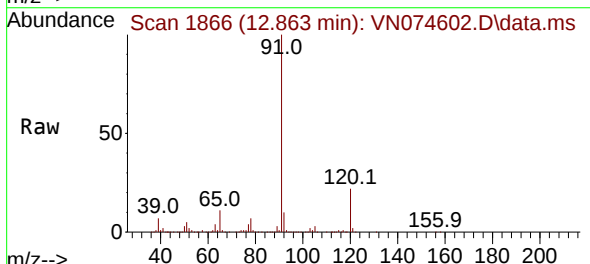
Tgt Ion: 156 Resp: 275070
Ion Ratio Lower Upper
156 100
77 258.3 100.5 301.5
158 98.3 48.9 146.6

Manual Integrations
APPROVED

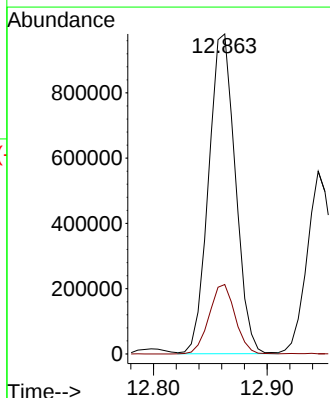
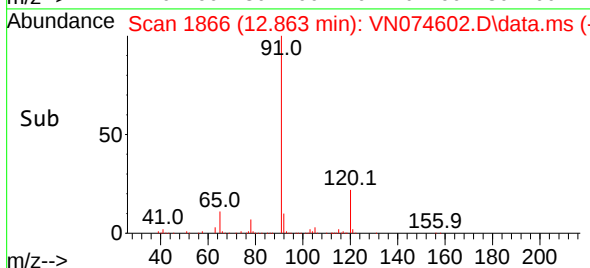
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

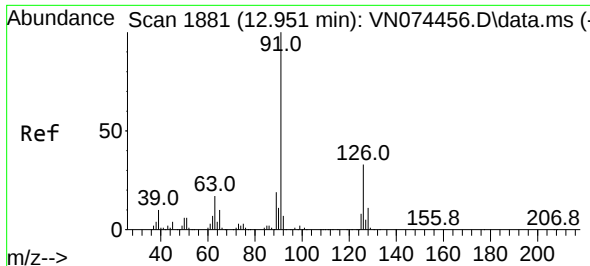


#78
n-propylbenzene
Concen: 47.279 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



Tgt Ion: 91 Resp: 1604592
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





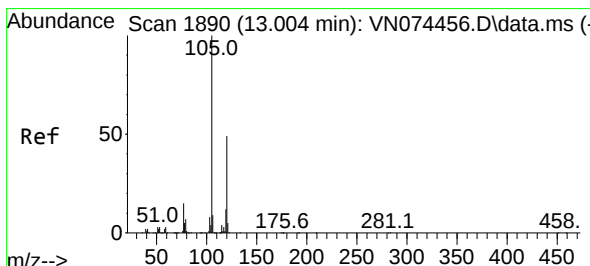
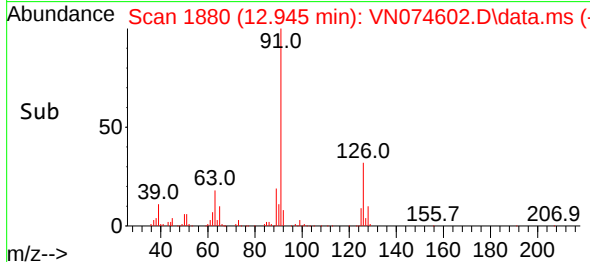
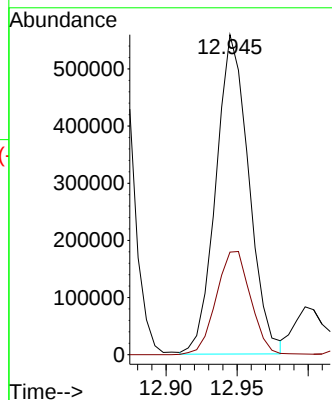
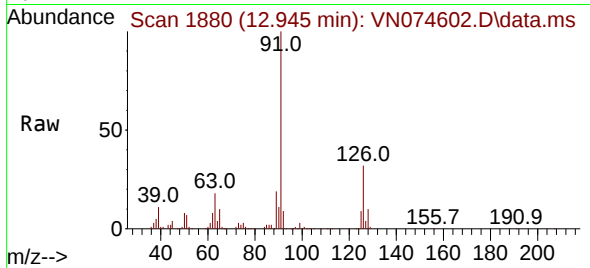
#79
2-Chlorotoluene
Concen: 44.470 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 90098
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

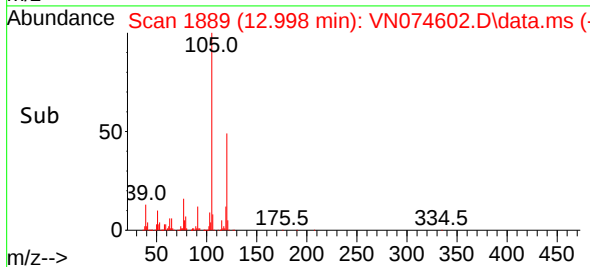
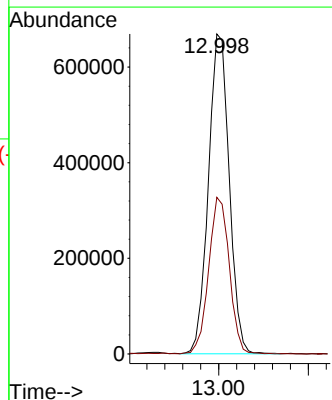
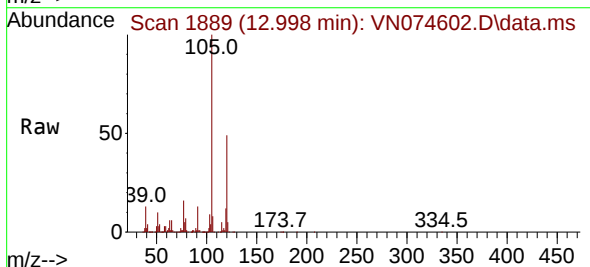
Manual Integrations
APPROVED

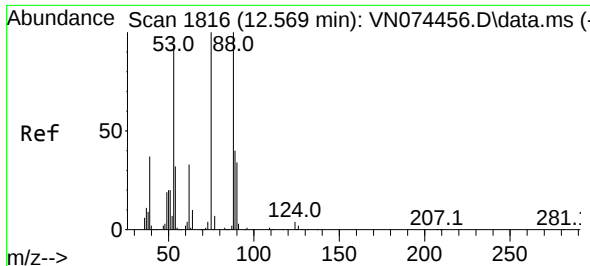
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.296 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

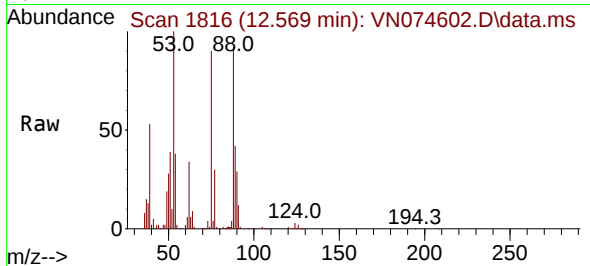
Tgt Ion:105 Resp: 1075411
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 44.555 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

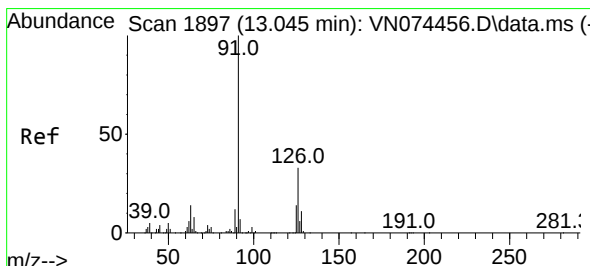
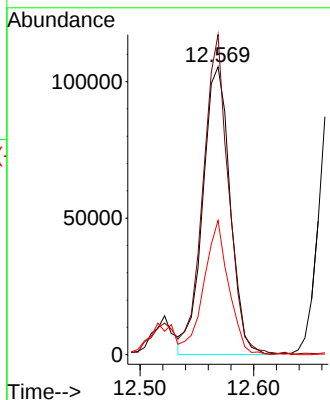
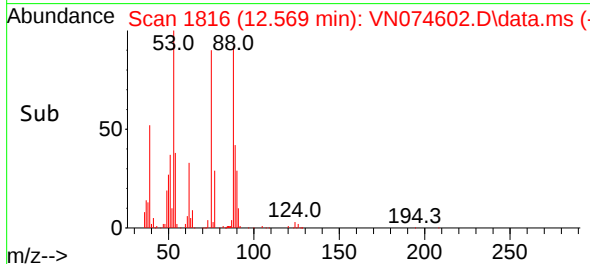
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



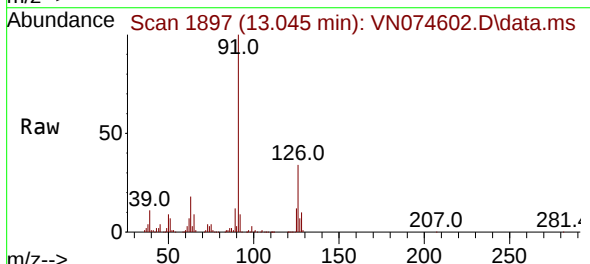
Tgt Ion: 75 Resp: 17683
Ion Ratio Lower Upper
75 100
53 103.3 78.0 117.0
89 42.5 37.2 55.8

Manual Integrations
APPROVED

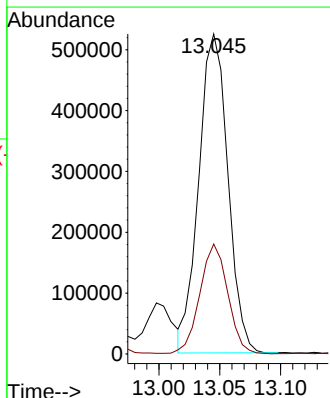
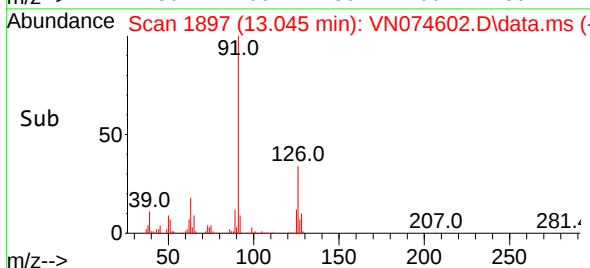
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

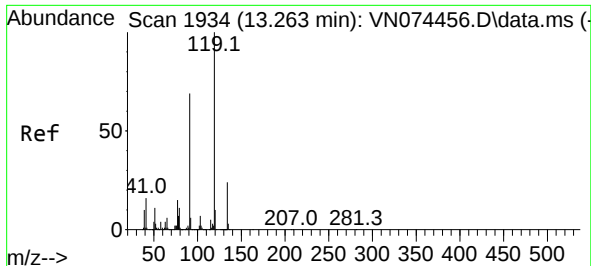


#82
4-Chlorotoluene
Concen: 45.279 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



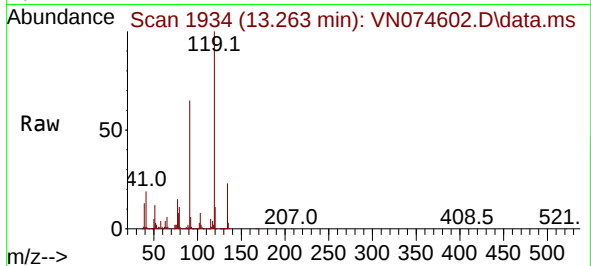
Tgt Ion: 91 Resp: 871958
Ion Ratio Lower Upper
91 100
126 32.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 43.185 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

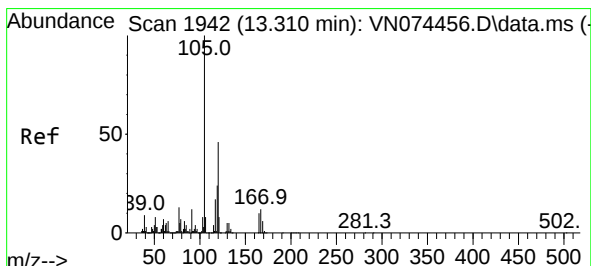
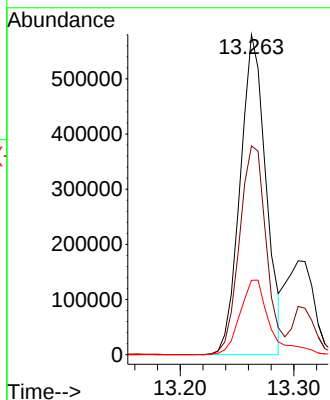
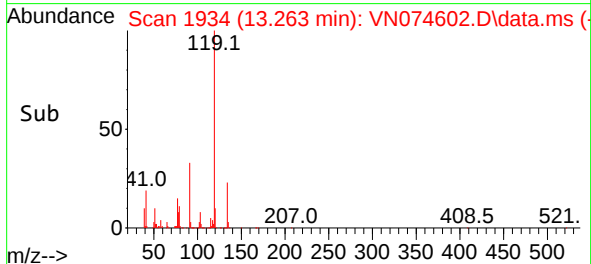
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 912970
Ion Ratio Lower Upper
119 100
91 68.3 31.6 94.8
134 27.1 13.7 41.1

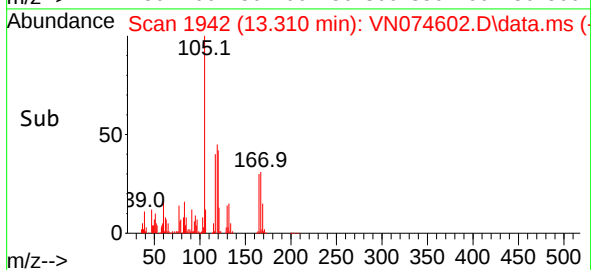
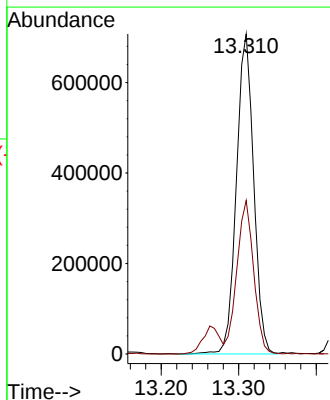
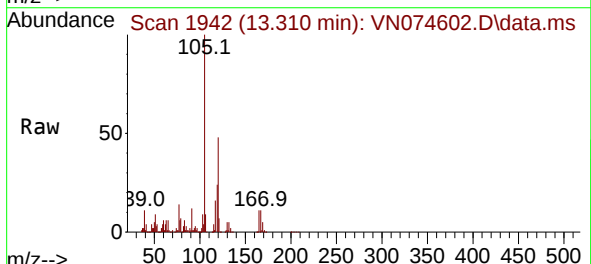
Manual Integrations
APPROVED

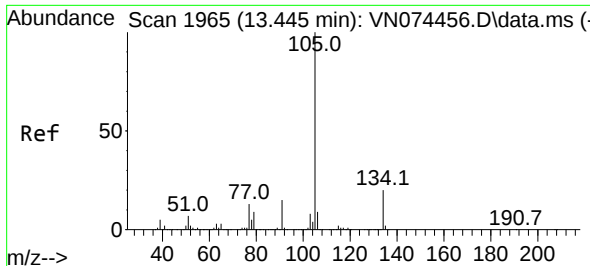
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.727 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion:105 Resp: 1092324
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





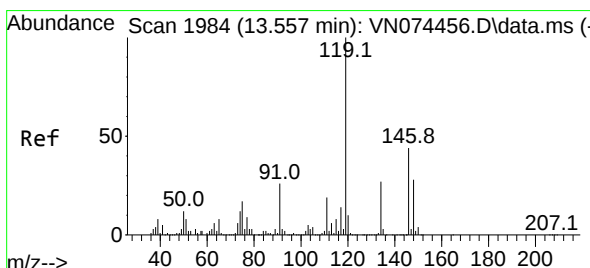
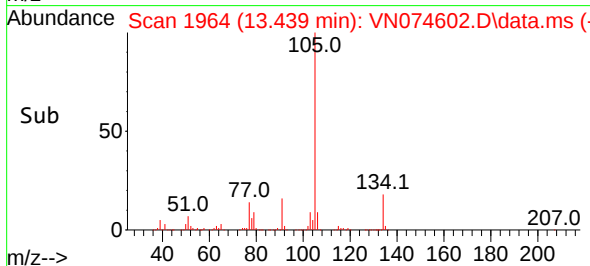
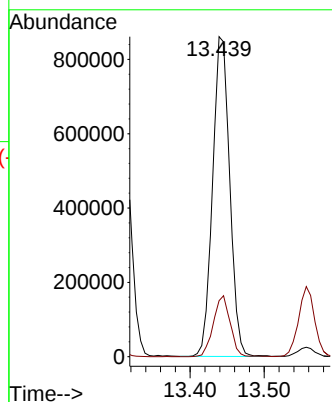
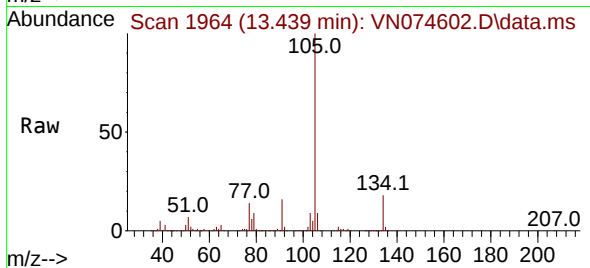
#85
 sec-Butylbenzene
 Concen: 47.595 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 138158
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

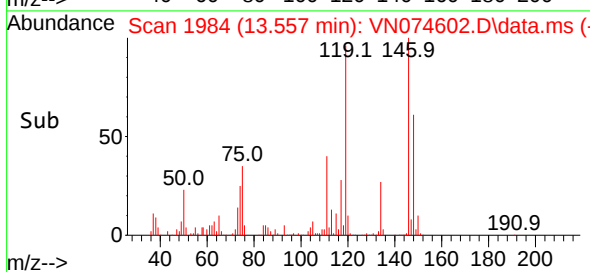
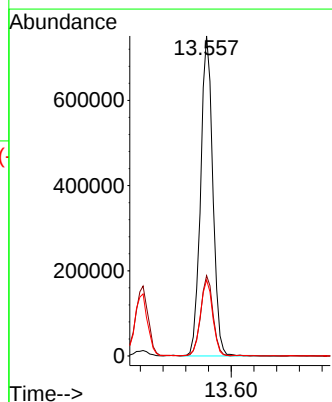
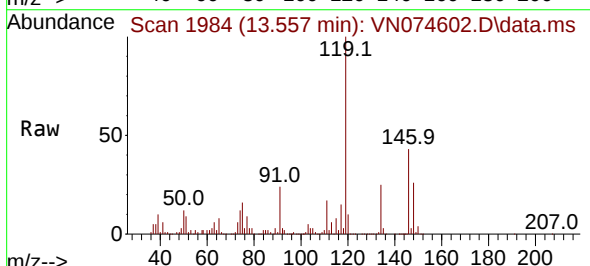
Manual Integrations
 APPROVED

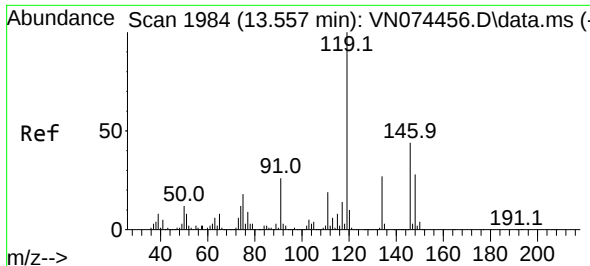
Reviewed By :John Carlone 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022



#86
 p-Isopropyltoluene
 Concen: 49.541 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074602.D
 Acq: 21 Sep 2022 09:51

Tgt Ion:119 Resp: 1121122
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.3 39.8
 91 23.8 11.3 33.9





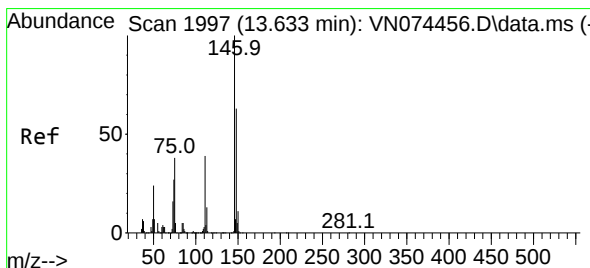
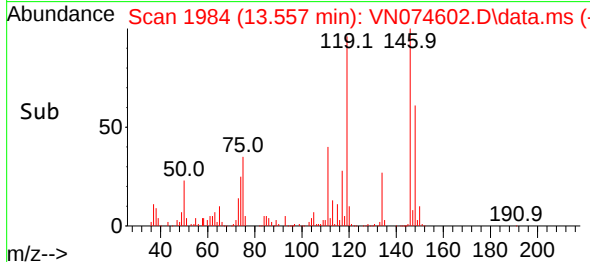
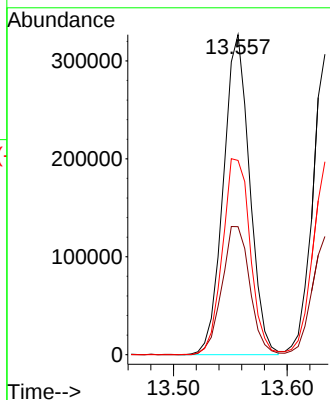
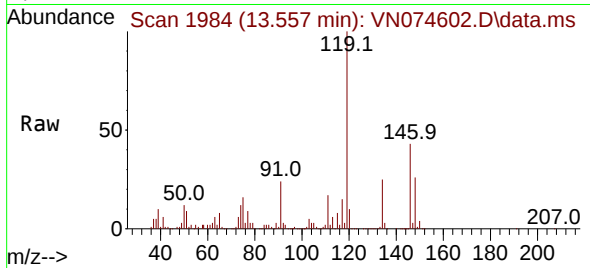
#87
1,3-Dichlorobenzene
Concen: 46.889 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 524495
Ion Ratio Lower Upper
146 100
111 42.6 20.0 60.0
148 64.9 32.0 96.0

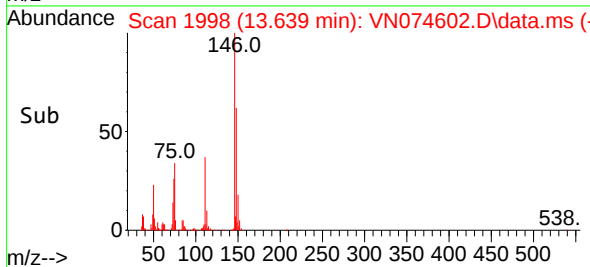
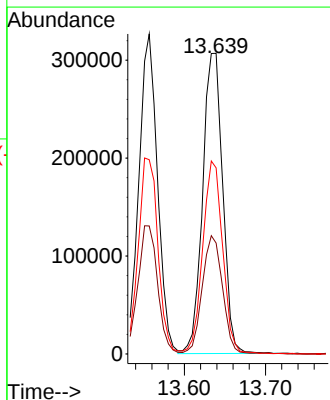
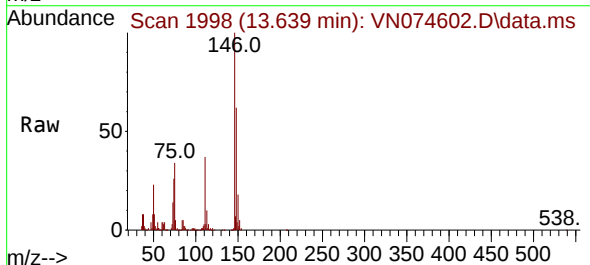
Manual Integrations
APPROVED

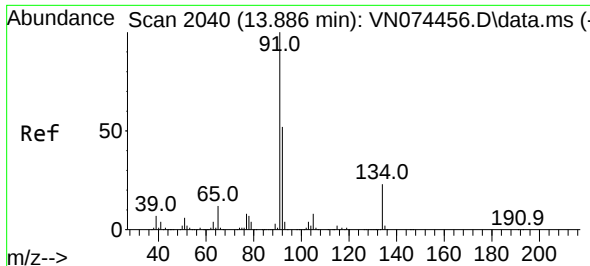
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#88
1,4-Dichlorobenzene
Concen: 46.827 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion:146 Resp: 526437
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.1
148 63.6 31.4 94.3





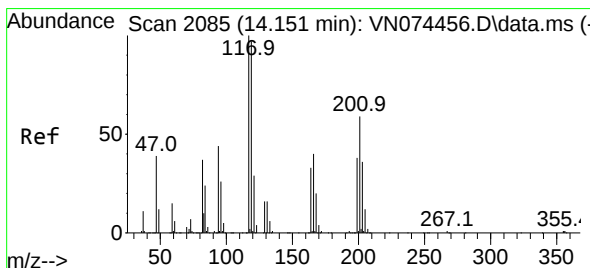
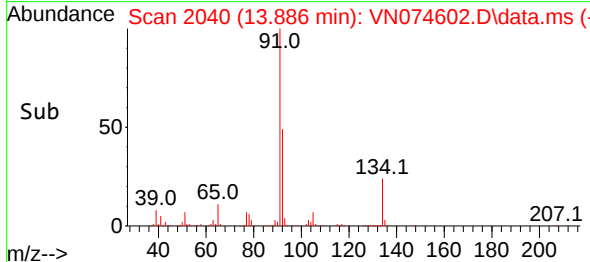
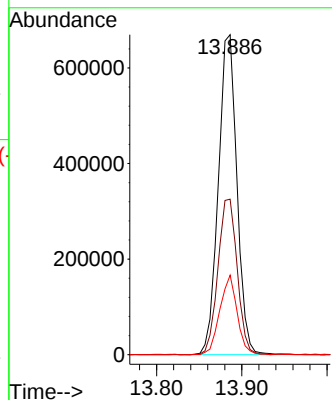
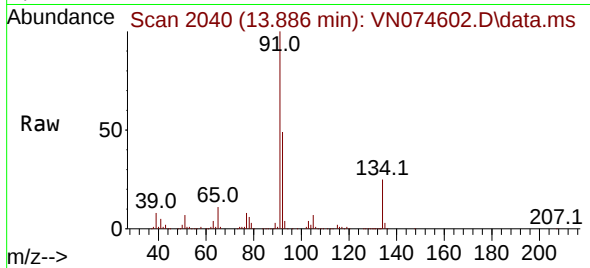
#89
n-Butylbenzene
Concen: 49.718 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1014120
Ion Ratio Lower Upper
91 100
92 50.5 26.9 80.7
134 23.2 13.6 40.8

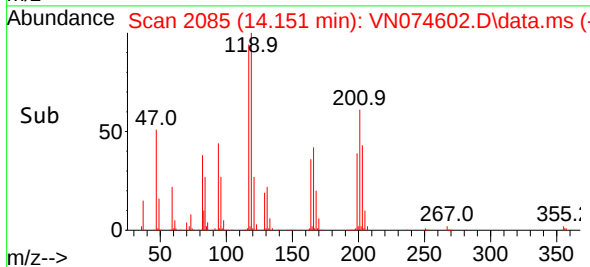
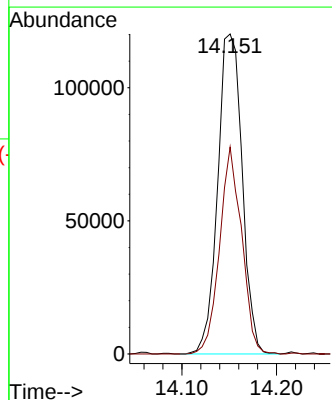
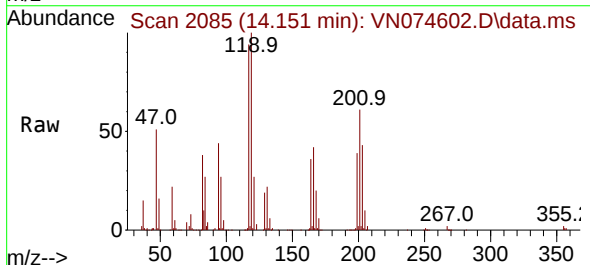
Manual Integrations
APPROVED

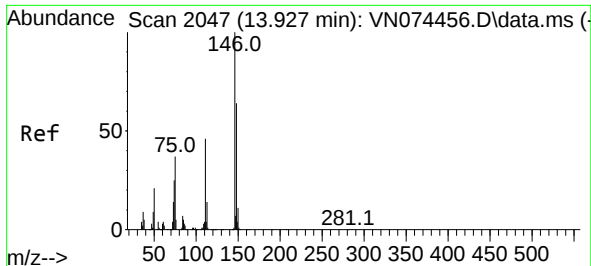
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#90
Hexachloroethane
Concen: 43.866 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

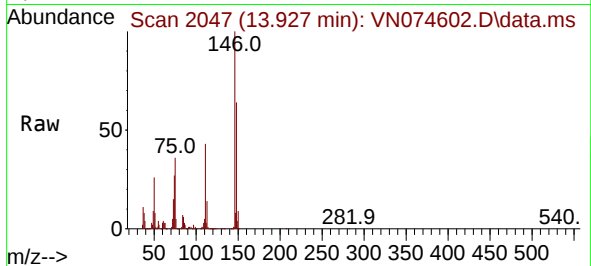
Tgt Ion:117 Resp: 215994
Ion Ratio Lower Upper
117 100
201 58.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 46.046 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

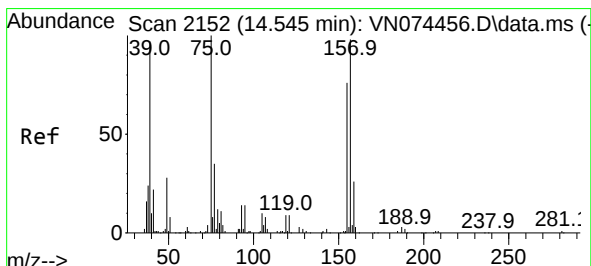
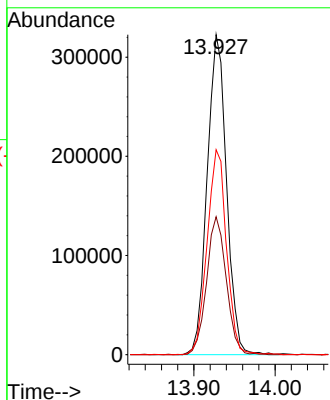
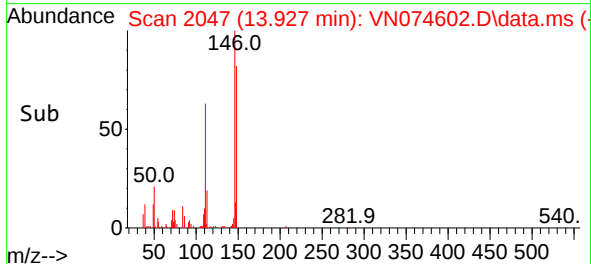
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



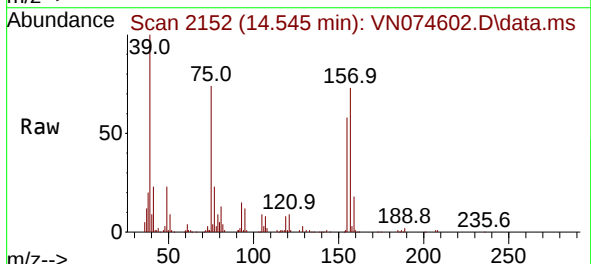
Tgt Ion:146 Resp: 534348
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.8
148 64.2 32.1 96.3

Manual Integrations
APPROVED

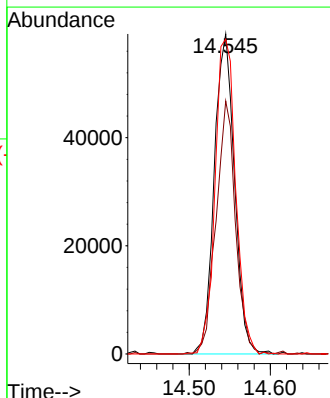
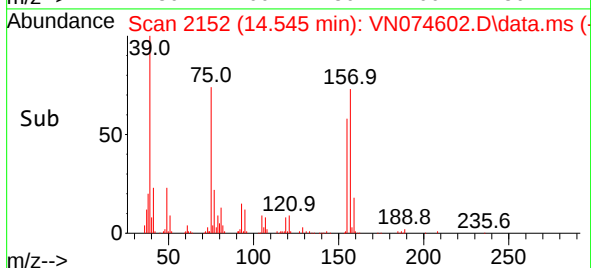
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

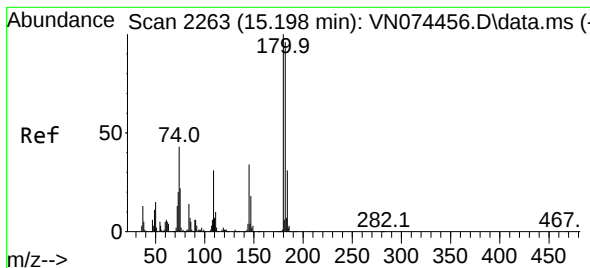


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.568 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51



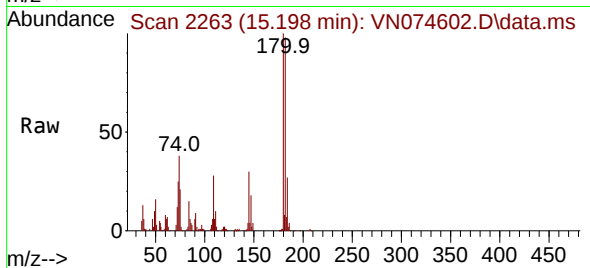
Tgt Ion: 75 Resp: 102295
Ion Ratio Lower Upper
75 100
155 76.4 44.9 134.5
157 100.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 49.640 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

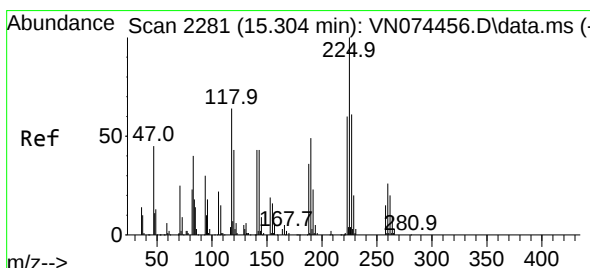
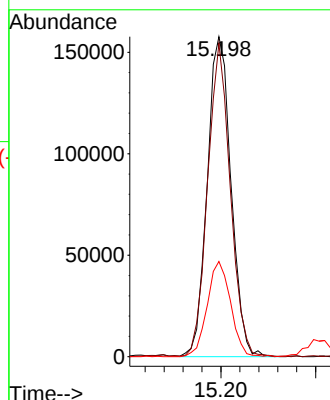
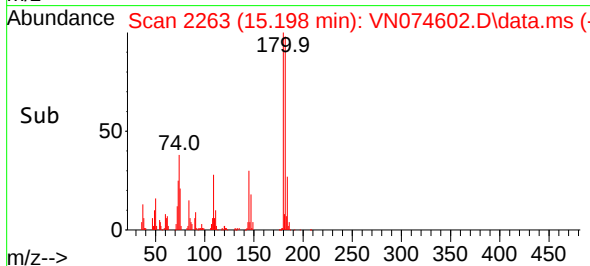
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 274440
Ion Ratio Lower Upper
180 100
182 92.8 47.5 142.5
145 29.3 14.5 43.5

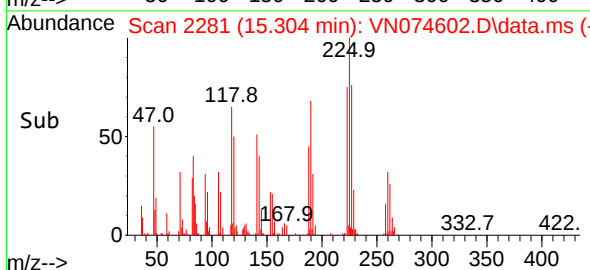
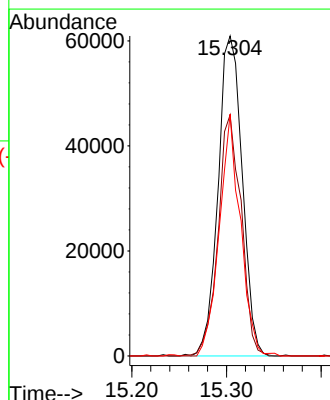
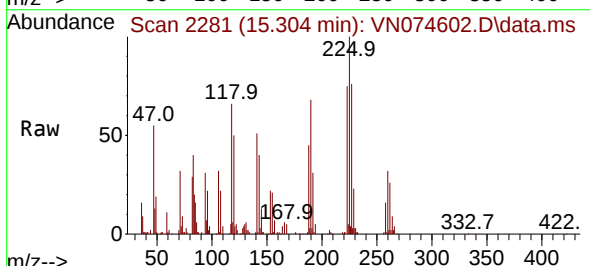
Manual Integrations
APPROVED

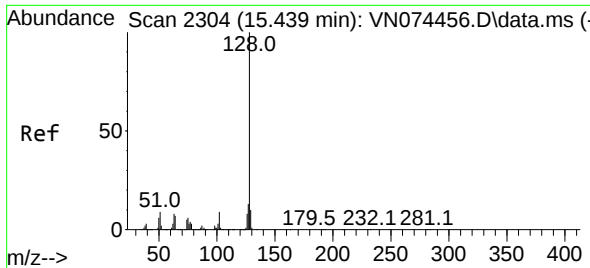
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#94
Hexachlorobutadiene
Concen: 44.388 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

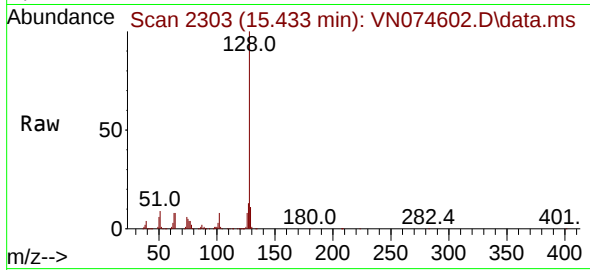
Tgt Ion:225 Resp: 107855
Ion Ratio Lower Upper
225 100
223 71.9 32.4 97.2
227 66.3 31.8 95.4





#95
Naphthalene
Concen: 46.044 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

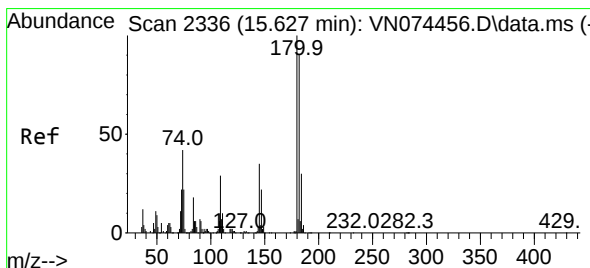
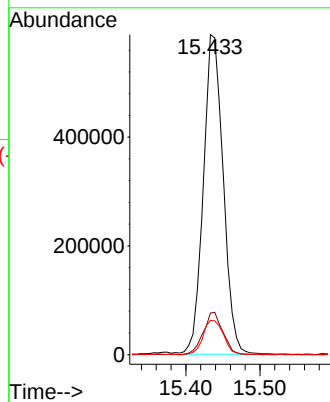
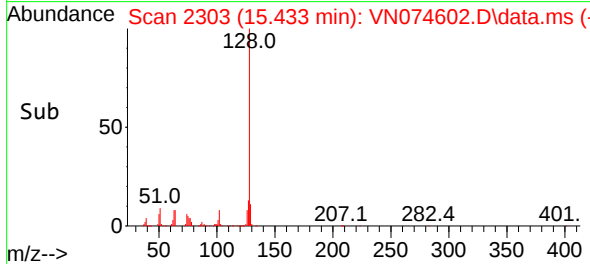
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1093739
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.740 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074602.D
Acq: 21 Sep 2022 09:51

Tgt Ion:180 Resp: 267264
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.3
145 32.1 15.5 46.5

