

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075461.D
 Acq On : 28 Nov 2022 20:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 05:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	162399	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	259041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43101	49.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.880%		
35) Dibromofluoromethane	8.171	113	54862	53.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.820%		
50) Toluene-d8	10.571	98	122272	53.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.700%		
62) 4-Bromofluorobenzene	12.847	95	91827	54.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	57768	46.520	ug/l	96
3) Chloromethane	2.371	50	67582	43.738	ug/l	97
4) Vinyl Chloride	2.524	62	90651	46.551	ug/l	96
5) Bromomethane	2.930	94	87863	51.308	ug/l	100
6) Chloroethane	3.107	64	74488	50.481	ug/l	99
7) Trichlorofluoromethane	3.501	101	129479	46.542	ug/l	96
8) Diethyl Ether	3.971	74	47839	49.063	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	73792	48.048	ug/l	89
10) Methyl Iodide	4.595	142	121811	48.947	ug/l	95
11) Tert butyl alcohol	5.536	59	90040	246.048	ug/l	98
12) 1,1-Dichloroethene	4.354	96	70442	46.839	ug/l	90
13) Acrolein	4.189	56	89663	281.254	ug/l	98
14) Allyl chloride	5.030	41	95831	49.263	ug/l	91
15) Acrylonitrile	5.730	53	210726	250.991	ug/l	98
16) Acetone	4.442	43	164358	202.134	ug/l	94
17) Carbon Disulfide	4.724	76	162557	41.592	ug/l	100
18) Methyl Acetate	5.036	43	108402	52.959	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	256000	48.052	ug/l	98
20) Methylene Chloride	5.289	84	83172	50.454	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	76384	44.567	ug/l	91
22) Diisopropyl ether	6.683	45	209822	47.266	ug/l	97
23) Vinyl Acetate	6.612	43	867281m	245.572	ug/l	
24) 1,1-Dichloroethane	6.577	63	136115	47.769	ug/l	98
25) 2-Butanone	7.489	43	260458	229.436	ug/l	95
26) 2,2-Dichloropropane	7.500	77	114224	43.133	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	94689	48.859	ug/l	92
28) Bromochloromethane	7.818	49	57393	49.621	ug/l	82
29) Tetrahydrofuran	7.841	42	171496	248.361	ug/l	96
30) Chloroform	7.971	83	153356	46.867	ug/l	95
31) Cyclohexane	8.259	56	116704	42.137	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	142207	47.864	ug/l	97
36) 1,1-Dichloropropene	8.377	75	107743	48.552	ug/l	97
37) Ethyl Acetate	7.565	43	103748	51.921	ug/l	98
38) Carbon Tetrachloride	8.365	117	129725	53.215	ug/l	98
39) Methylcyclohexane	9.606	83	138505	49.869	ug/l	97
40) Benzene	8.612	78	332768	48.977	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	54980	53.819	ug/l	98
42) 1,2-Dichloroethane	8.677	62	112449	49.417	ug/l	95
43) Isopropyl Acetate	8.694	43	166198	51.818	ug/l	96
44) Trichloroethene	9.353	130	91654	49.300	ug/l	95
45) 1,2-Dichloropropane	9.624	63	79676	49.209	ug/l	97
46) Dibromomethane	9.712	93	60950	49.768	ug/l #	88
47) Bromodichloromethane	9.888	83	123693	52.155	ug/l	98
48) Methyl methacrylate	9.683	41	76805	51.788	ug/l	96
49) 1,4-Dioxane	9.700	88	46046	1093.416	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	540403	264.538	ug/l	96
52) Toluene	10.630	92	222236	50.758	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	124403	52.250	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	132808	51.358	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	88384	49.563	ug/l	93
56) Ethyl methacrylate	10.877	69	133241	55.326	ug/l	97
57) 1,3-Dichloropropane	11.165	76	143838	49.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	233046	268.315	ug/l	95
59) 2-Hexanone	11.194	43	403753	263.210	ug/l	96
60) Dibromochloromethane	11.359	129	104033	56.835	ug/l	100
61) 1,2-Dibromoethane	11.471	107	96287	52.022	ug/l	98
64) Tetrachloroethene	11.106	164	82225	44.822	ug/l	92
65) Chlorobenzene	11.894	112	244729	49.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	96907	52.337	ug/l	98
67) Ethyl Benzene	11.965	91	432112	51.054	ug/l	99
68) m/p-Xylenes	12.071	106	351801	102.355	ug/l	99
69) o-Xylene	12.400	106	175371	51.353	ug/l	95
70) Styrene	12.412	104	287004	53.275	ug/l	98
71) Bromoform	12.576	173	81356	57.731	ug/l #	98
73) Isopropylbenzene	12.700	105	447731	49.262	ug/l	99
74) N-amyl acetate	12.494	43	147881	52.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	138064	49.826	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	115838m	49.249	ug/l	
77) Bromobenzene	12.982	156	109969	49.010	ug/l	86
78) n-propylbenzene	13.035	91	504430	49.732	ug/l	99
79) 2-Chlorotoluene	13.129	91	303652	49.686	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	392415	51.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42565	53.544	ug/l	99
82) 4-Chlorotoluene	13.129	91	303652	49.686	ug/l	97
83) tert-Butylbenzene	13.441	119	339881	49.368	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	390642	51.576	ug/l	99
85) sec-Butylbenzene	13.618	105	486690	52.099	ug/l	99
86) p-Isopropyltoluene	13.729	119	412495	52.483	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	209825	49.355	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	208541	48.290	ug/l	98
89) n-Butylbenzene	14.059	91	327251	49.299	ug/l	99
90) Hexachloroethane	14.335	117	73471	54.187	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	208214	50.245	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27742	52.853	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	104760	49.330	ug/l	98
94) Hexachlorobutadiene	15.500	225	52589	47.542	ug/l	99
95) Naphthalene	15.641	128	348791	52.207	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	102258	48.993	ug/l	97

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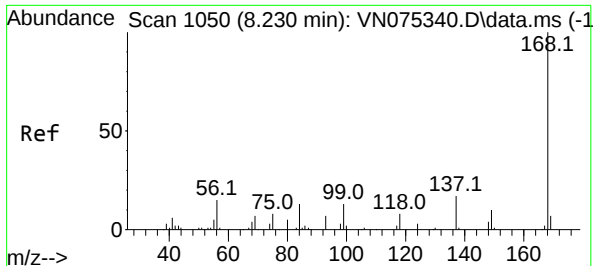
Manual Integrations
APPROVED

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QLast Update : Wed Nov 23 00:18:03 2022
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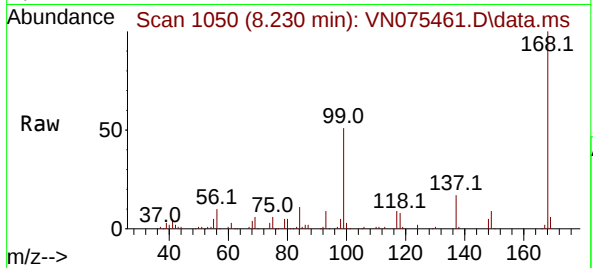
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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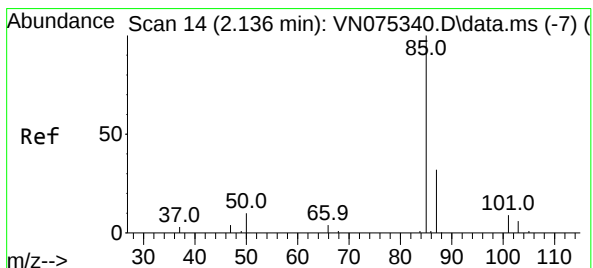
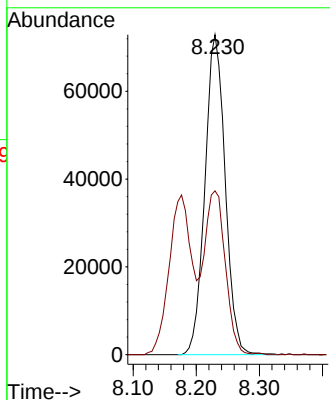
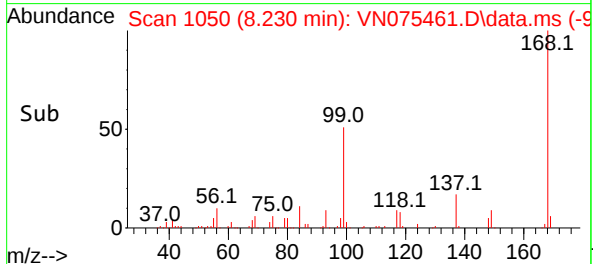
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 162399
Ion Ratio Lower Upper
168 100
99 51.2 51.6 77.4

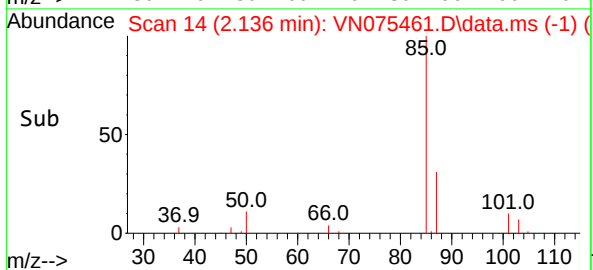
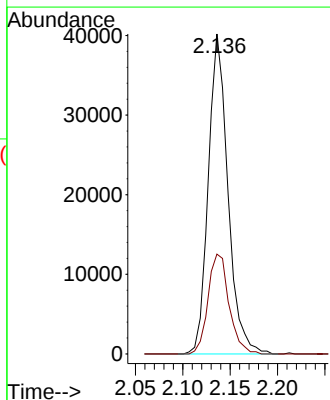
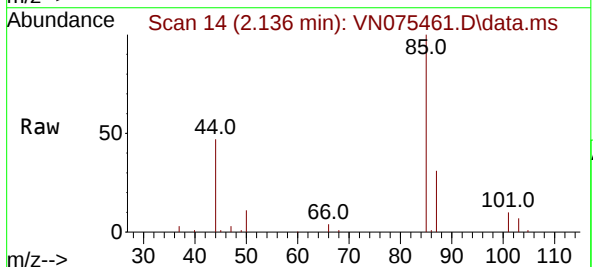
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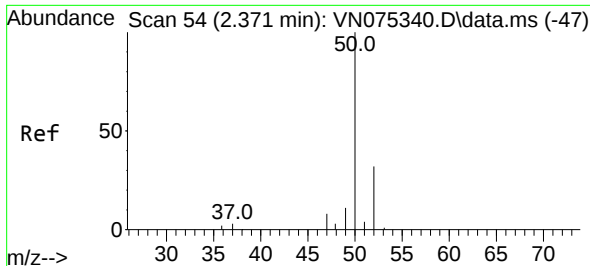
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#2
Dichlorodifluoromethane
Concen: 46.520 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 85 Resp: 57768
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





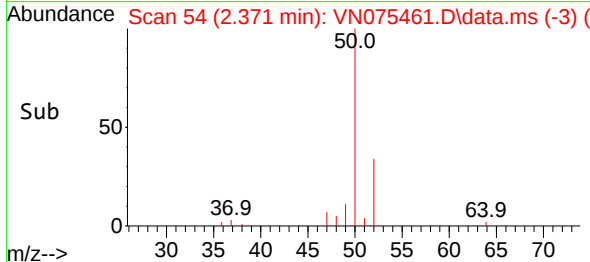
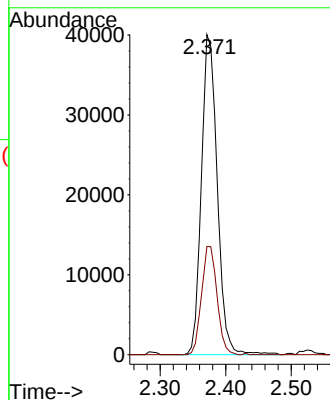
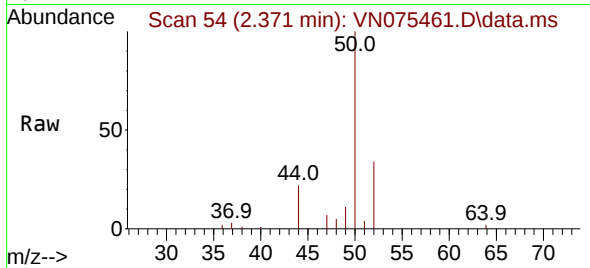
#3
Chloromethane
Concen: 43.738 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075461.D
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Tgt Ion: 50 Resp: 6758
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.6

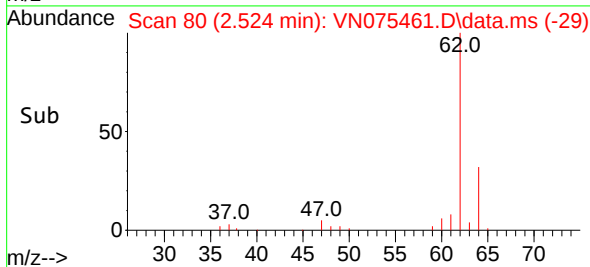
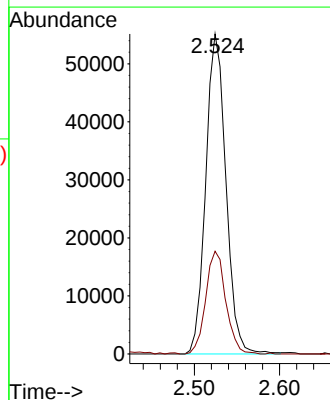
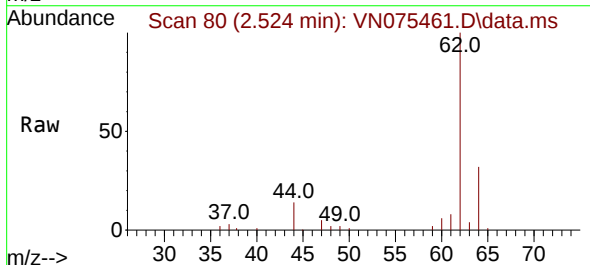
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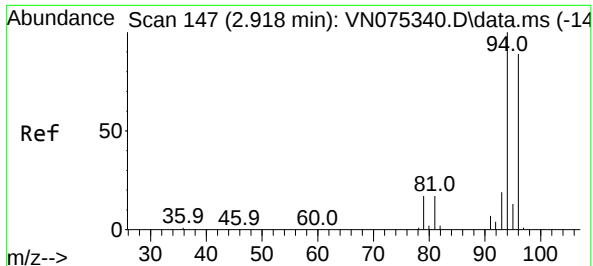
Reviewed By :John Carlone 11/29/2022
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#4
Vinyl Chloride
Concen: 46.551 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

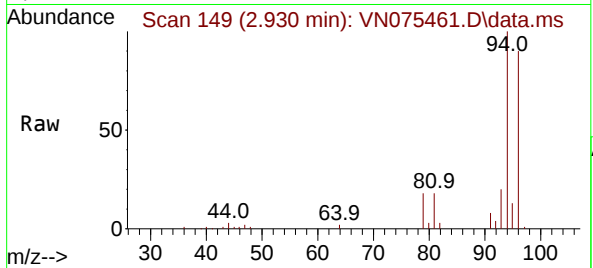
Tgt Ion: 62 Resp: 90651
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0





#5
Bromomethane
Concen: 51.308 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075461.D
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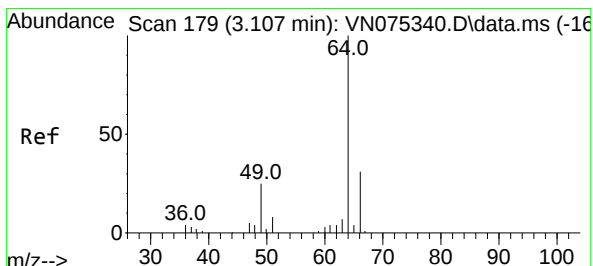
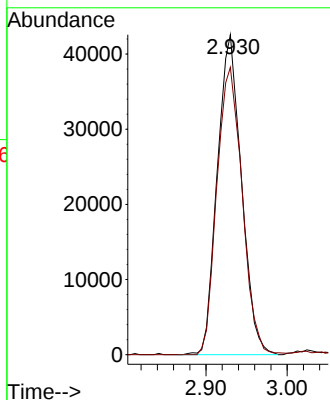
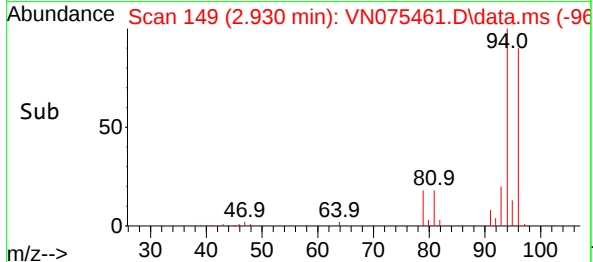
Instrument :
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Tgt Ion: 94 Resp: 8786
Ion Ratio Lower Upper
94 100
96 89.8 71.8 107.6

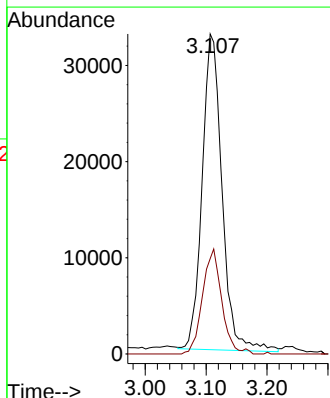
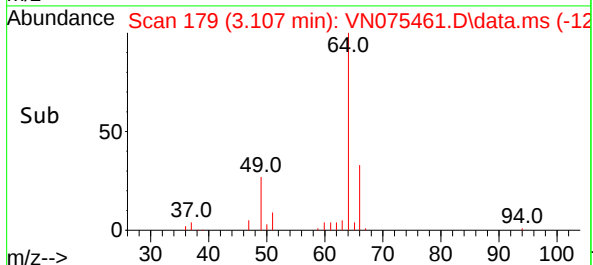
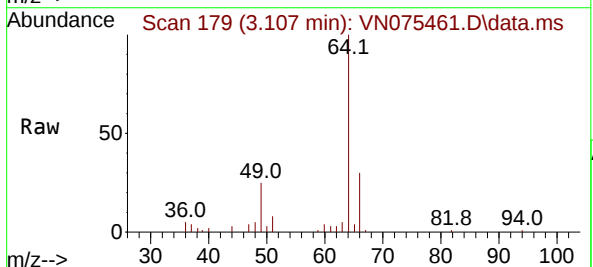
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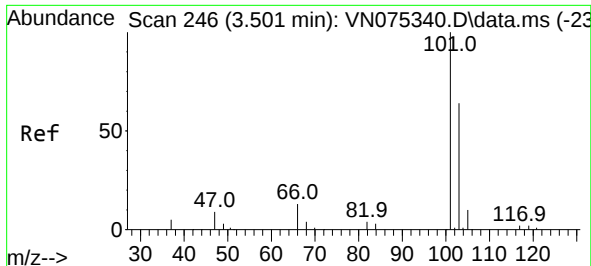
Reviewed By :John Carlone 11/29/2022
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#6
Chloroethane
Concen: 50.481 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

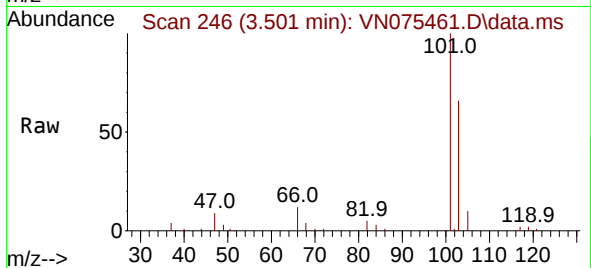
Tgt Ion: 64 Resp: 74488
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.8





#7
Trichlorofluoromethane
Concen: 46.542 ug/l
RT: 3.501 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075461.D
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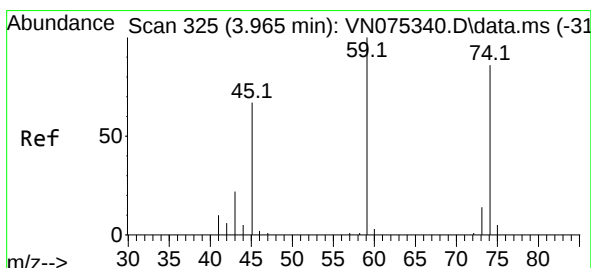
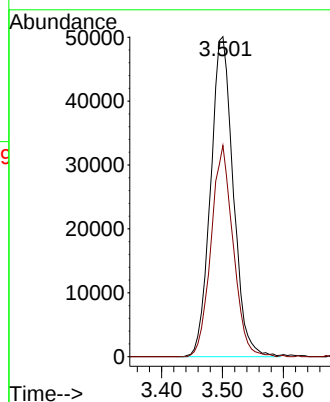
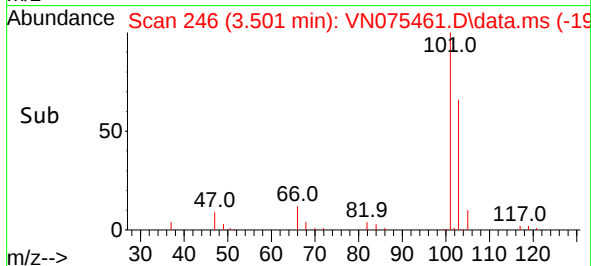
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Tgt Ion:101 Resp: 129479
Ion Ratio Lower Upper
101 100
103 66.0 50.5 75.7

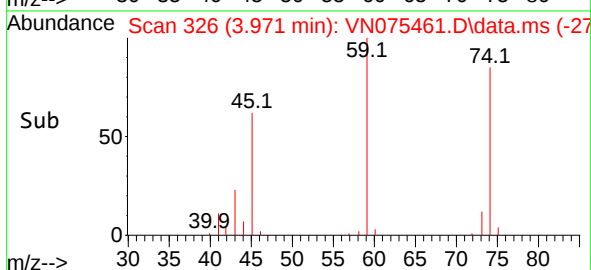
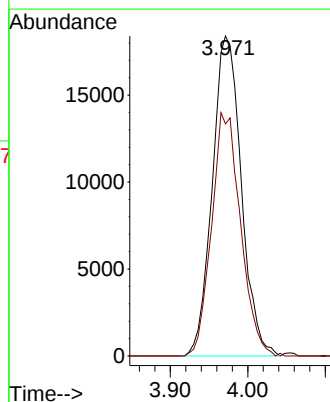
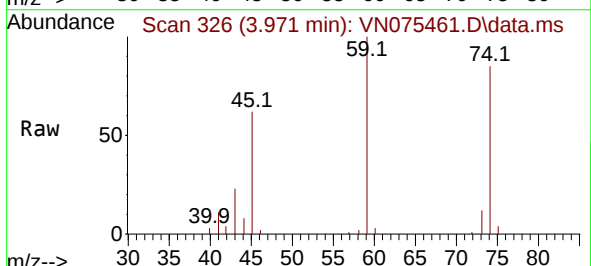
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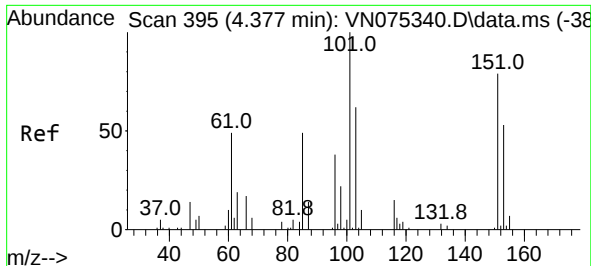
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#8
Diethyl Ether
Concen: 49.063 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 47839
Ion Ratio Lower Upper
74 100
45 76.0 39.3 117.9





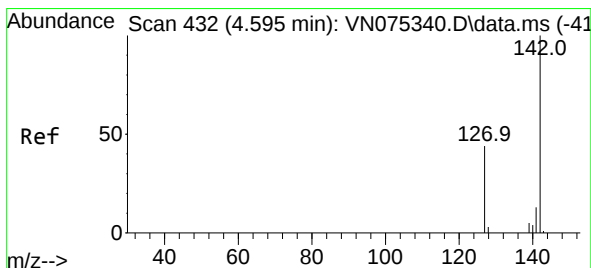
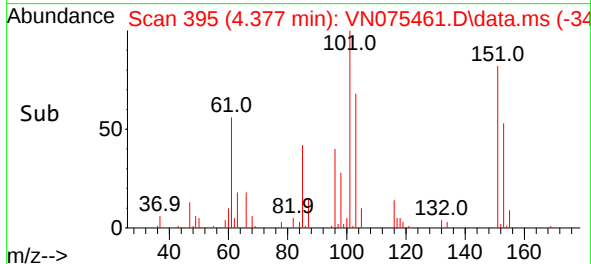
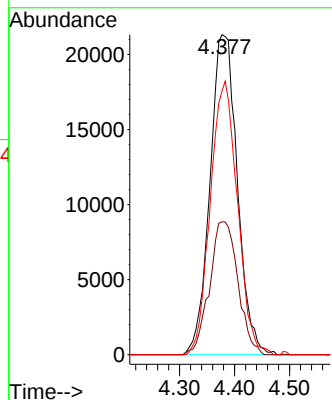
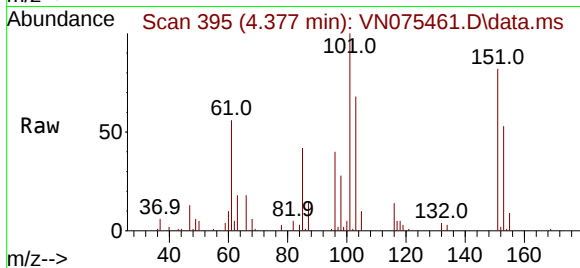
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.048 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075461.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 73792
Ion Ratio Lower Upper
101 100
85 43.1 37.6 56.4
151 84.6 58.3 87.5

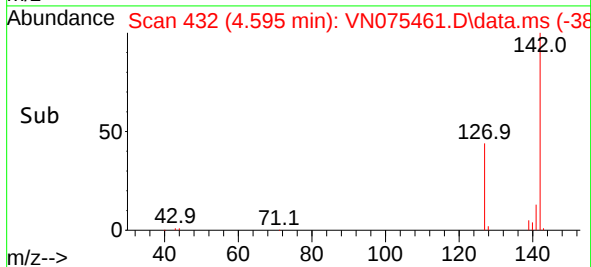
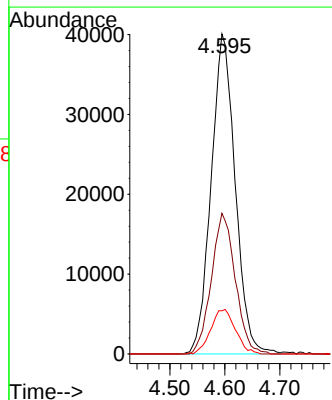
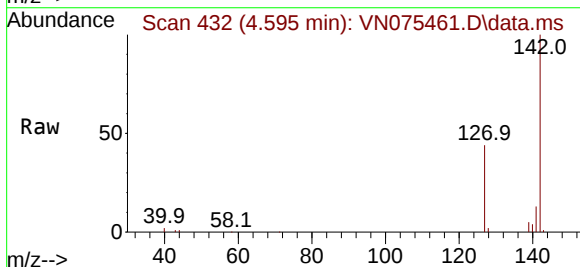
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
Methyl Iodide
Concen: 48.947 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion:142 Resp: 121811
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 14.3 12.2 18.4





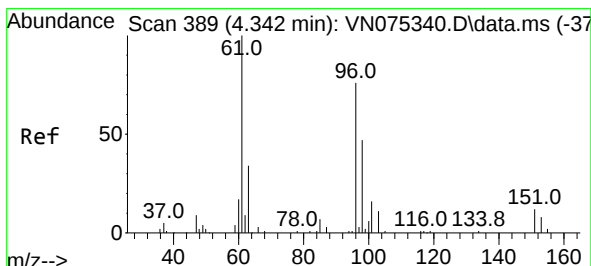
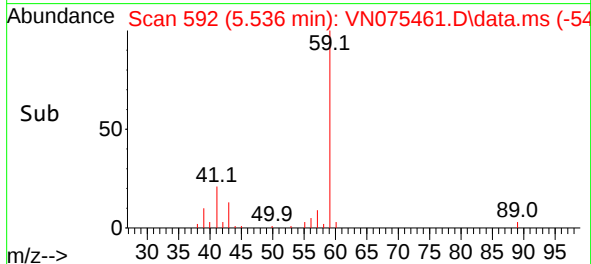
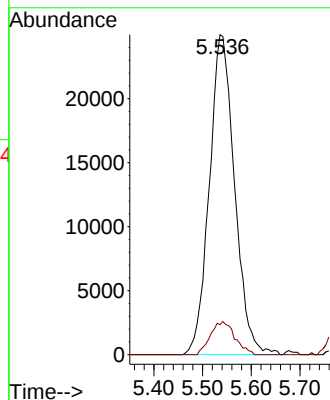
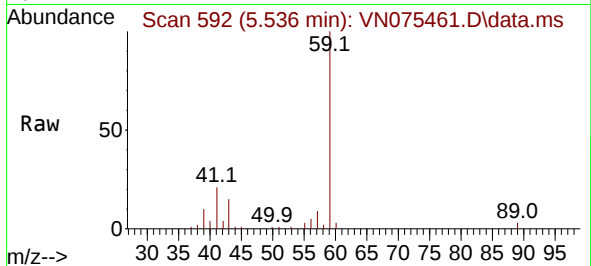
#11
Tert butyl alcohol
Concen: 246.048 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 90040
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

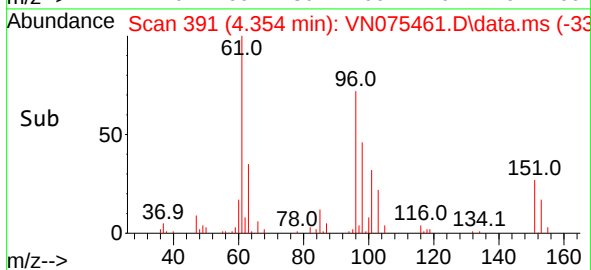
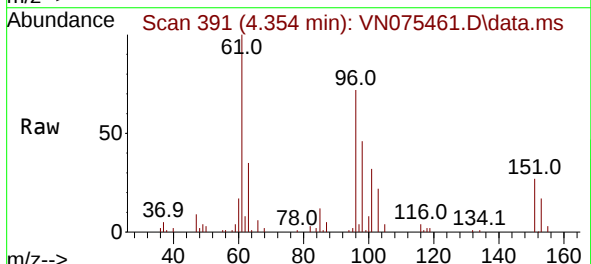
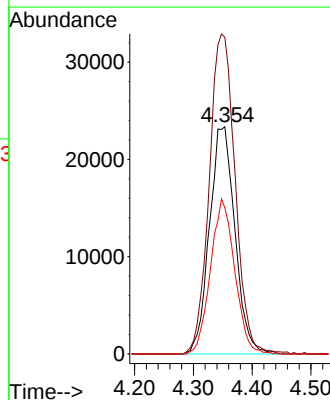
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#12
1,1-Dichloroethene
Concen: 46.839 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

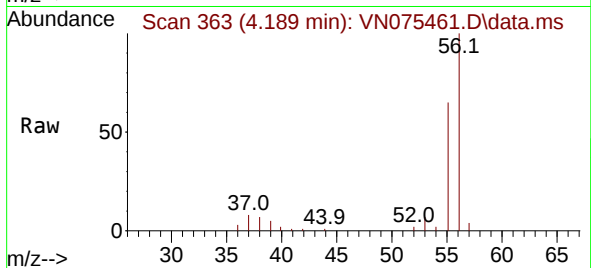
Tgt Ion: 96 Resp: 70442
Ion Ratio Lower Upper
96 100
61 139.4 126.2 189.4
98 64.3 51.5 77.3





#13
Acrolein
Concen: 281.254 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

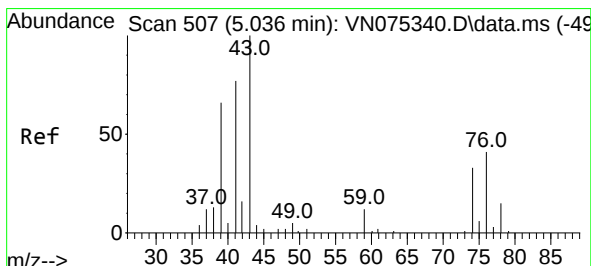
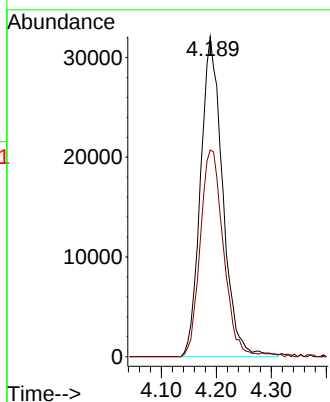
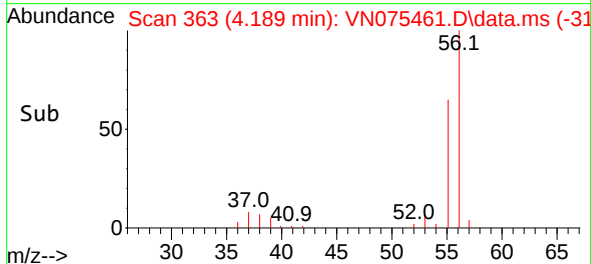
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



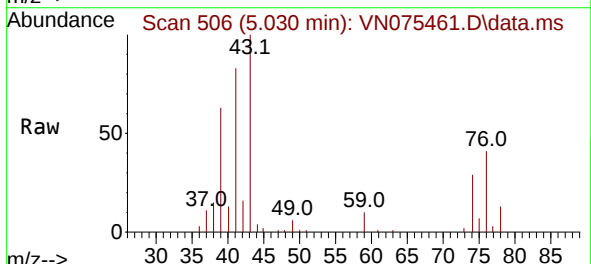
Tgt Ion: 56 Resp: 8966
Ion Ratio Lower Upper
56 100
55 67.4 55.2 82.8

Manual Integrations
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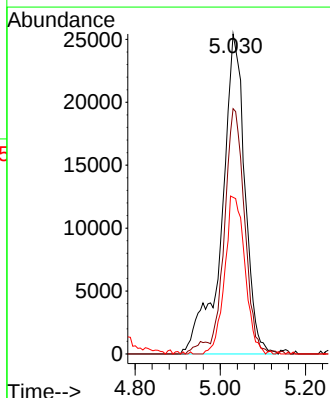
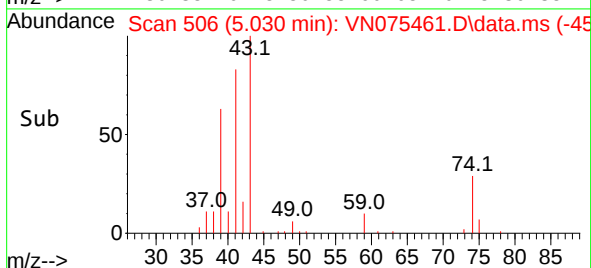
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

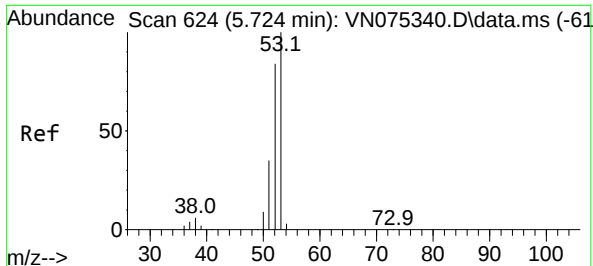


#14
Allyl chloride
Concen: 49.263 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



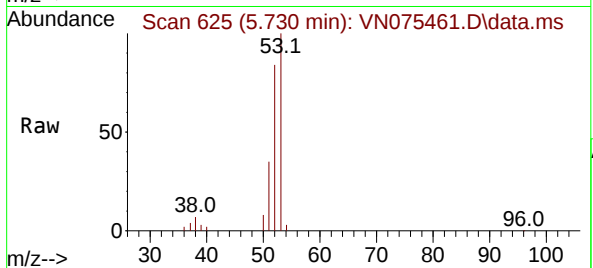
Tgt Ion: 41 Resp: 95831
Ion Ratio Lower Upper
41 100
39 65.8 61.0 91.4
76 43.1 33.4 50.0





#15
Acrylonitrile
Concen: 250.991 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

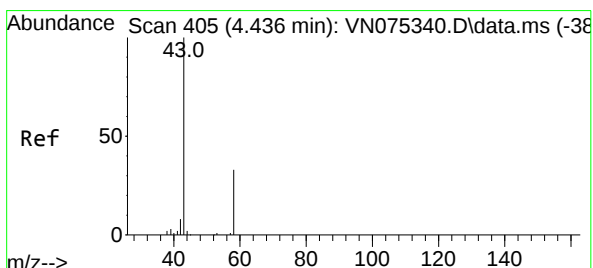
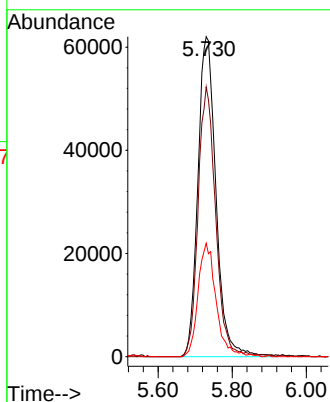
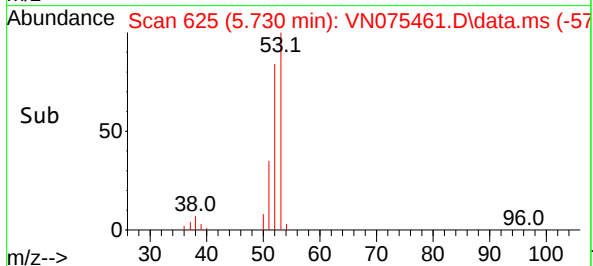
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 210720
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.0 29.6 44.4

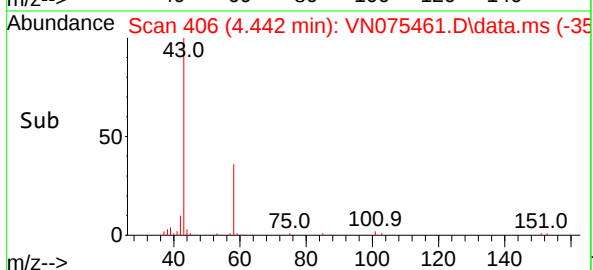
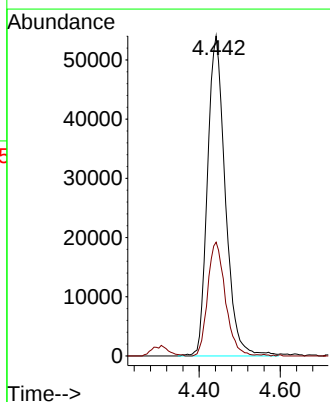
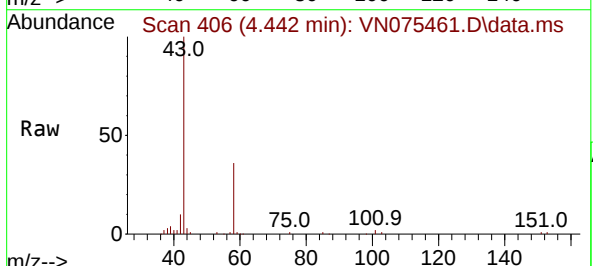
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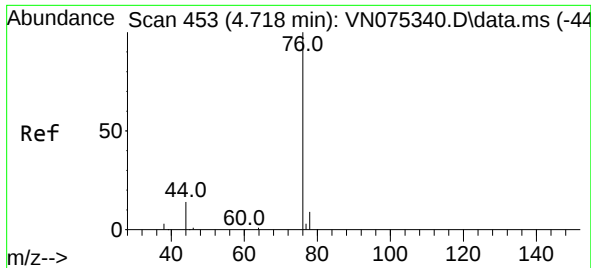
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#16
Acetone
Concen: 202.134 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

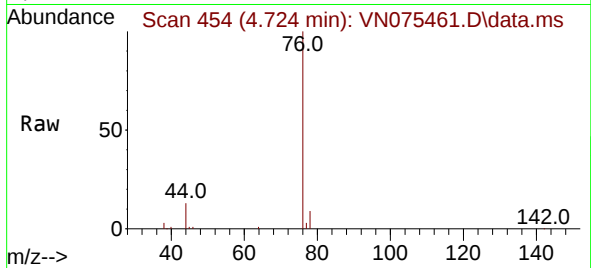
Tgt Ion: 43 Resp: 164358
Ion Ratio Lower Upper
43 100
58 35.2 25.5 38.3





#17
Carbon Disulfide
Concen: 41.592 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

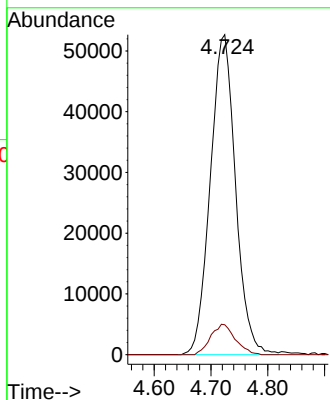
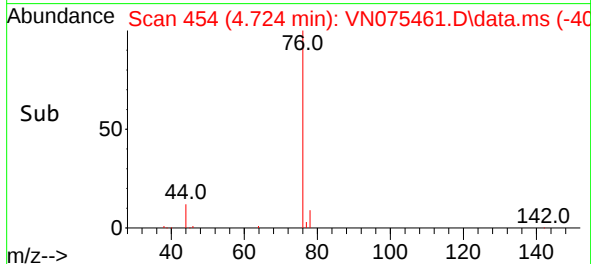
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 16255
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

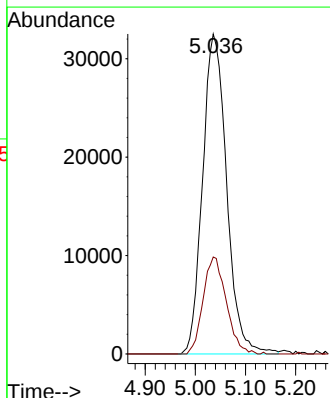
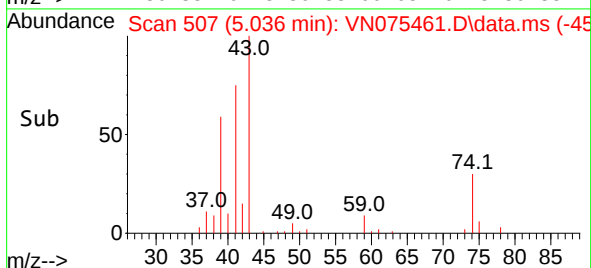
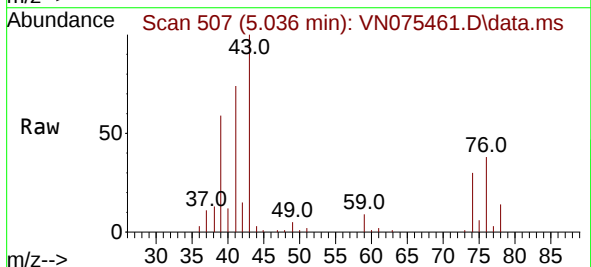
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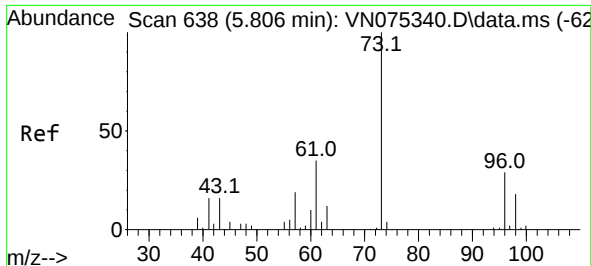
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#18
Methyl Acetate
Concen: 52.959 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 43 Resp: 108402
Ion Ratio Lower Upper
43 100
74 29.1 22.0 33.0





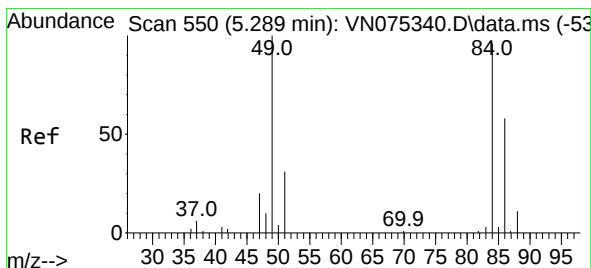
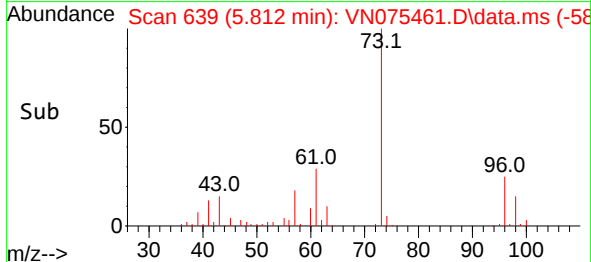
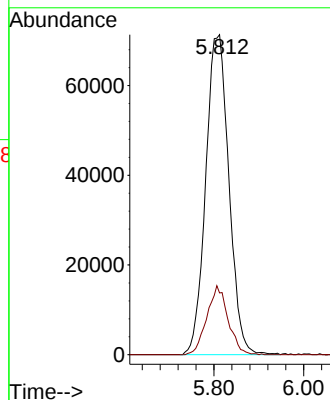
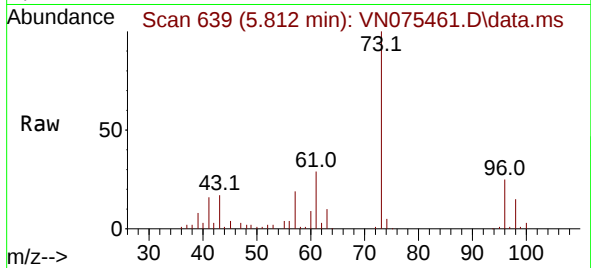
#19
Methyl tert-butyl Ether
Concen: 48.052 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 256000
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

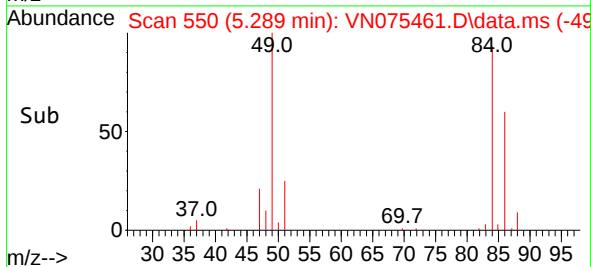
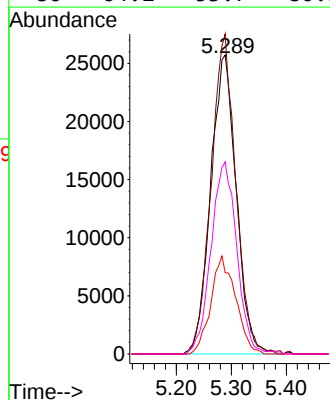
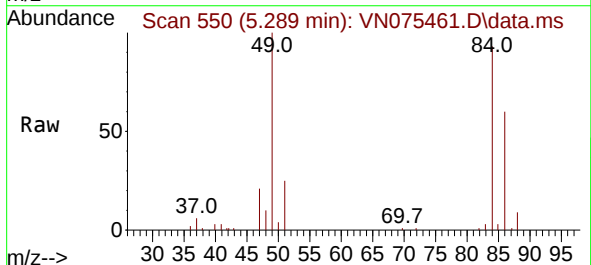
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 50.454 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 84 Resp: 83172
Ion Ratio Lower Upper
84 100
49 107.0 94.9 142.3
51 27.2 26.8 40.2
86 64.2 53.7 80.5





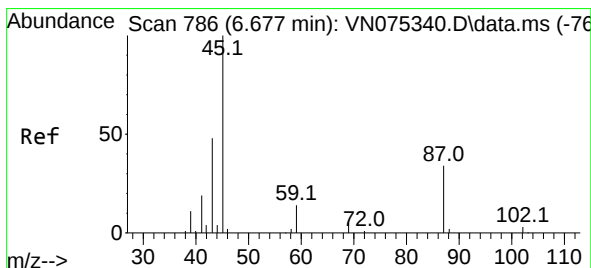
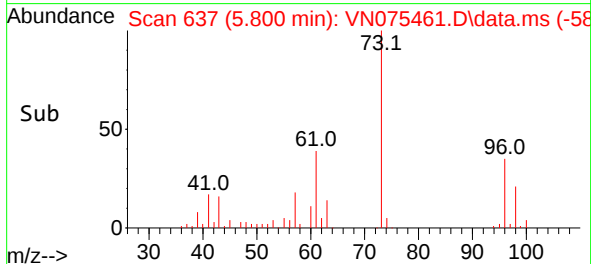
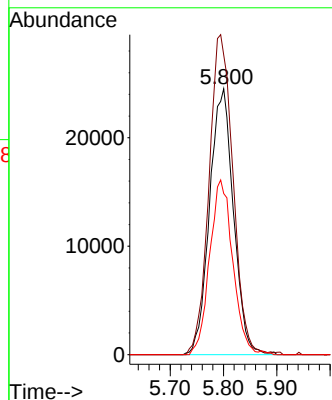
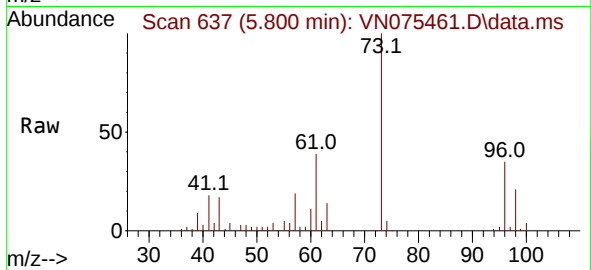
#21
trans-1,2-Dichloroethene
Concen: 44.567 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 76384
Ion Ratio Lower Upper
96 100
61 112.7 99.9 149.9
98 60.6 51.5 77.3

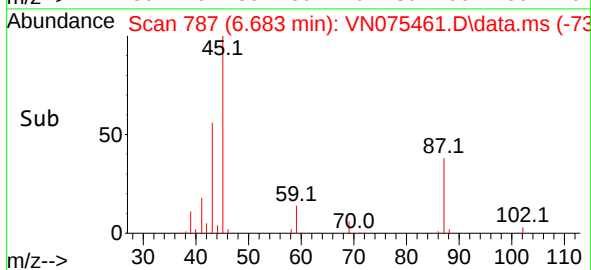
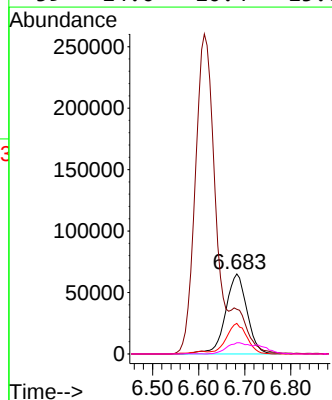
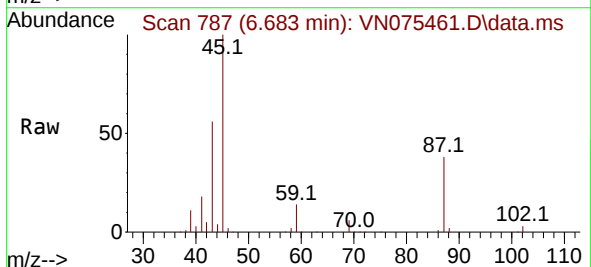
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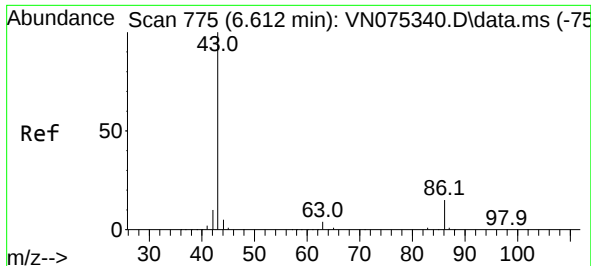
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#22
Diisopropyl ether
Concen: 47.266 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 45 Resp: 209822
Ion Ratio Lower Upper
45 100
43 54.3 42.8 64.2
87 38.2 28.4 42.6
59 14.0 10.4 15.6





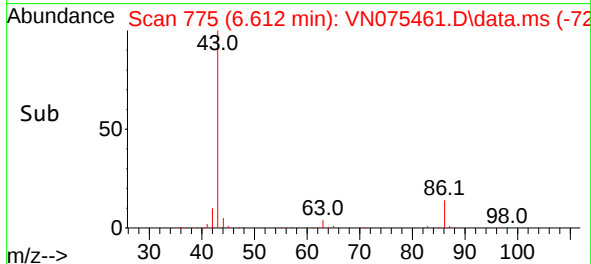
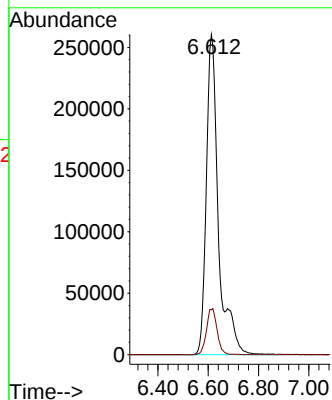
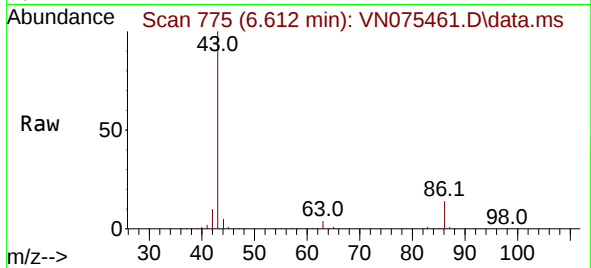
#23
 Vinyl Acetate
 Concen: 245.572 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 86728
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

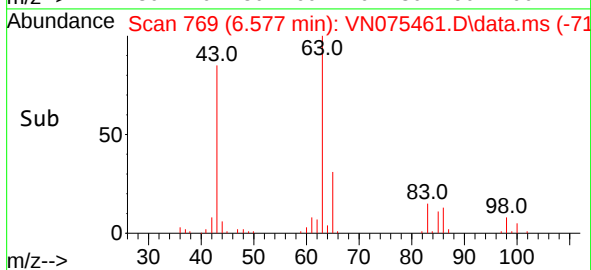
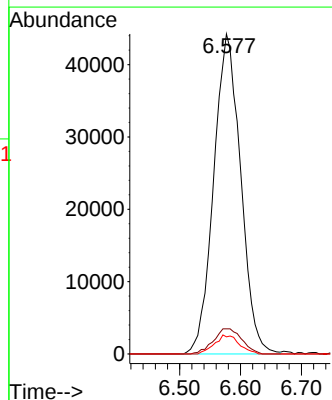
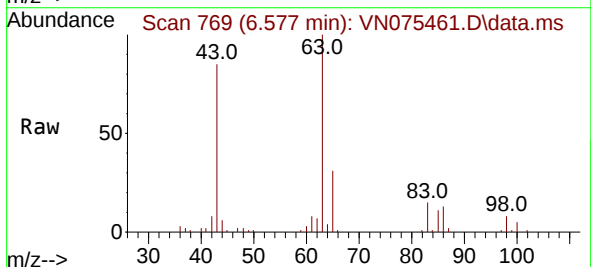
Manual Integrations
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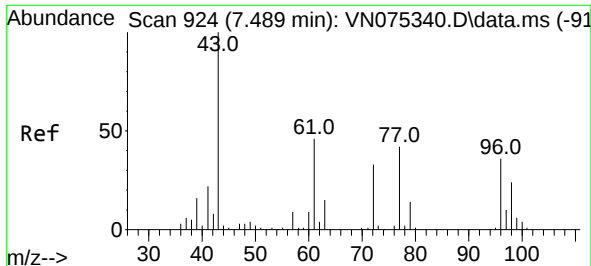
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 47.769 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11

Tgt Ion: 63 Resp: 136115
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 229.436 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 260458

Ion Ratio Lower Upper

43 100

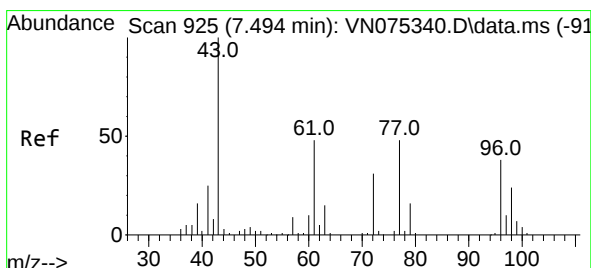
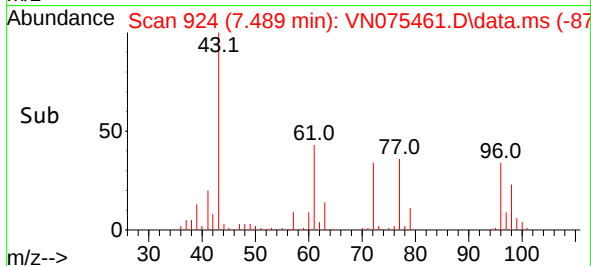
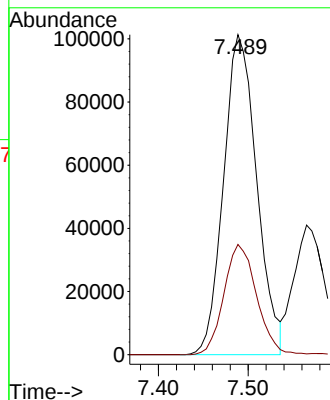
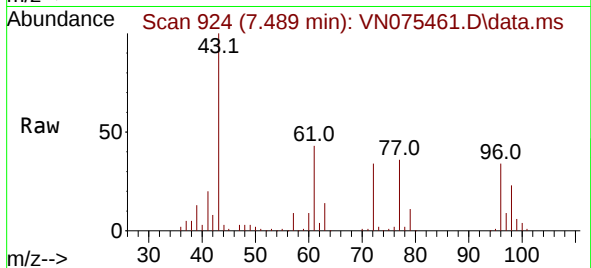
72 34.5 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#26

2,2-Dichloropropane

Concen: 43.133 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075461.D

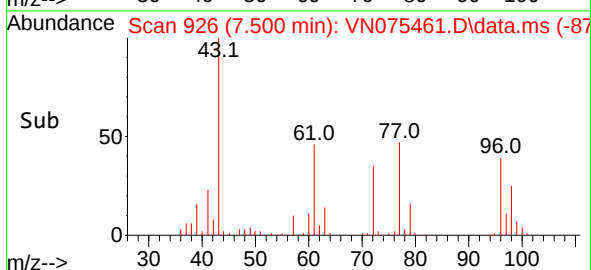
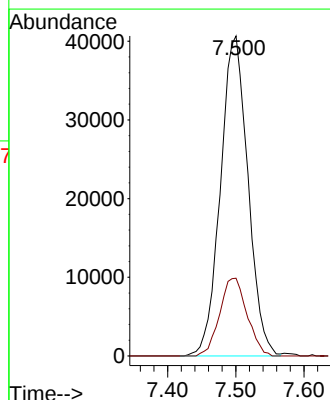
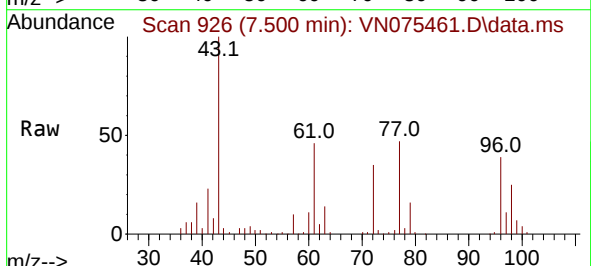
Acq: 28 Nov 2022 20:11

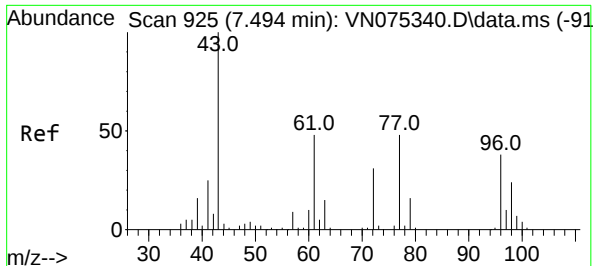
Tgt Ion: 77 Resp: 114224

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.859 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

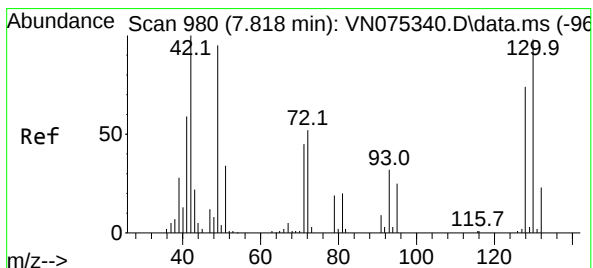
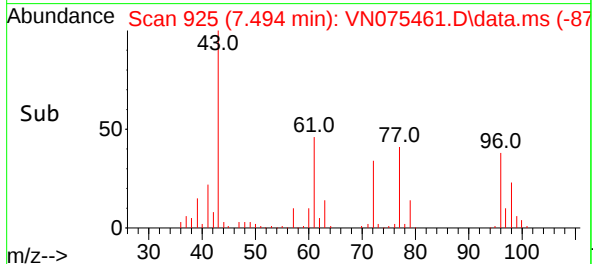
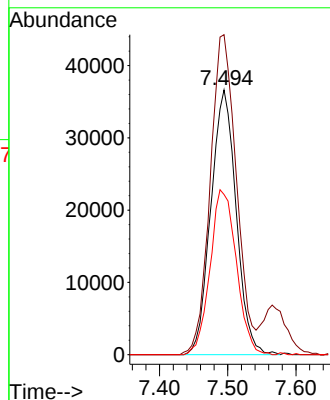
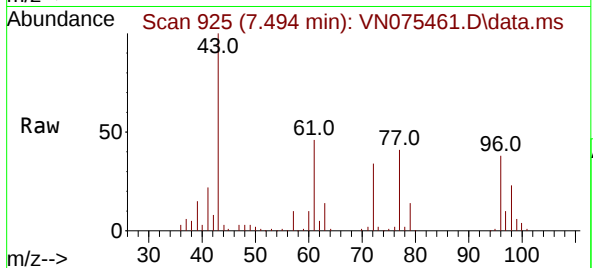
Tgt Ion: 96 Resp: 94689
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 278.8
 98 64.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#28

Bromochloromethane

Concen: 49.621 ug/l

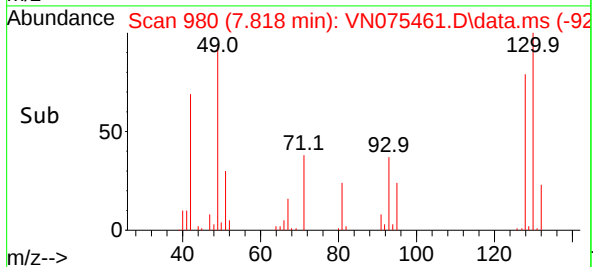
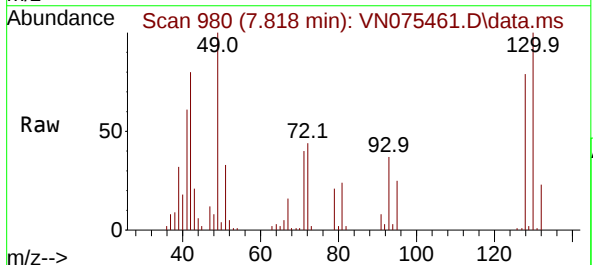
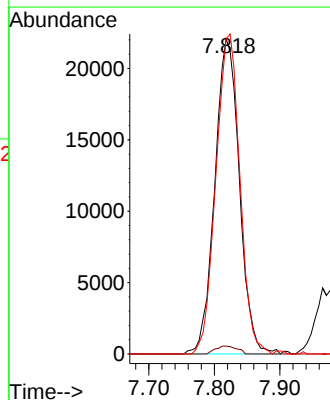
RT: 7.818 min Scan# 980

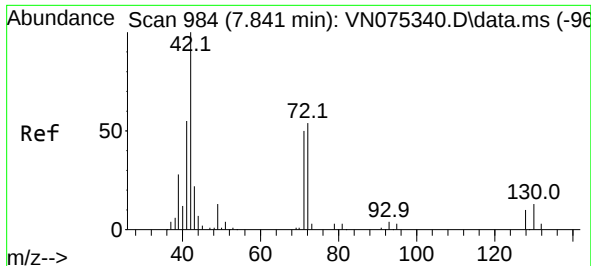
Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Tgt Ion: 49 Resp: 57393
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 99.0 66.2 99.4





#29

Tetrahydrofuran

Concen: 248.361 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075461.D

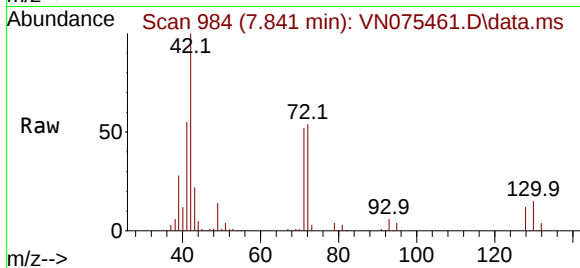
Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



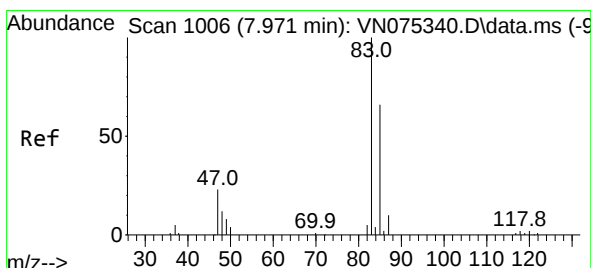
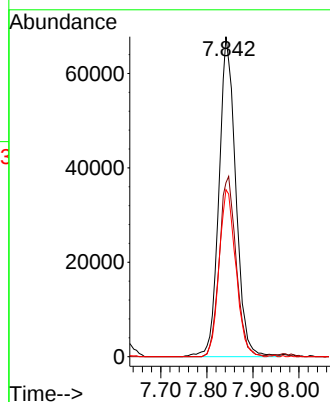
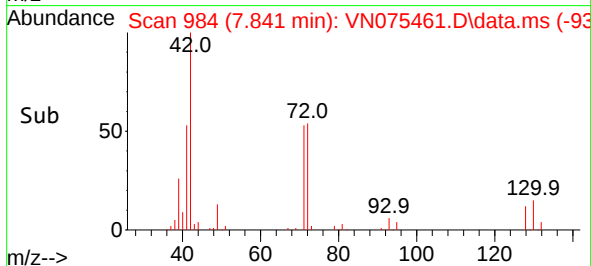
Tgt Ion:	42	Resp:	171490
Ion Ratio	Lower	Upper	
42	100		
72	56.6	43.0	64.6
71	52.0	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

Chloroform

Concen: 46.867 ug/l

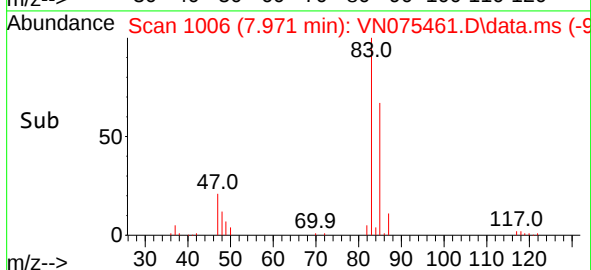
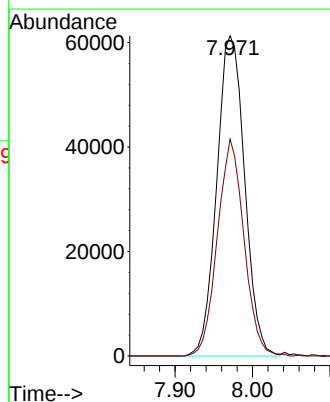
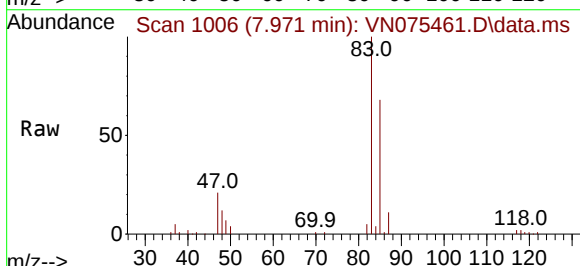
RT: 7.971 min Scan# 1006

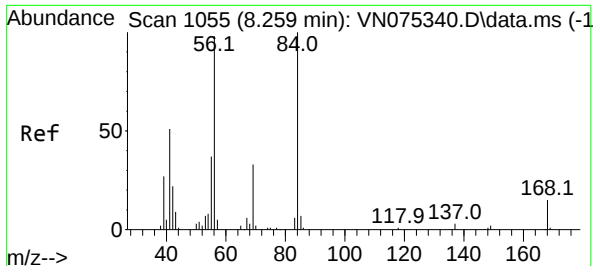
Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Tgt Ion:	83	Resp:	153356
Ion Ratio	Lower	Upper	
83	100		
85	67.8	51.4	77.0





#31

Cyclohexane

Concen: 42.137 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075461.D

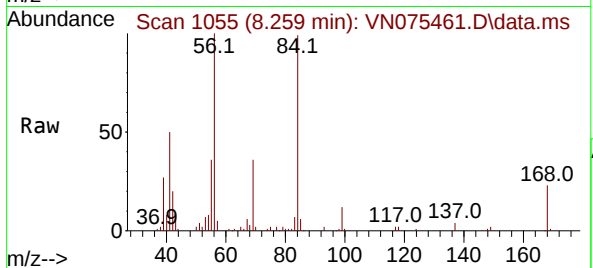
Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



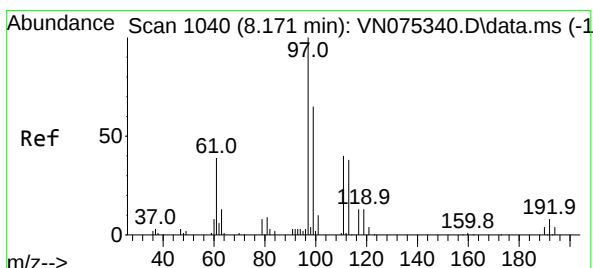
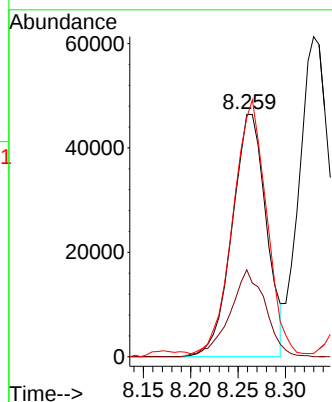
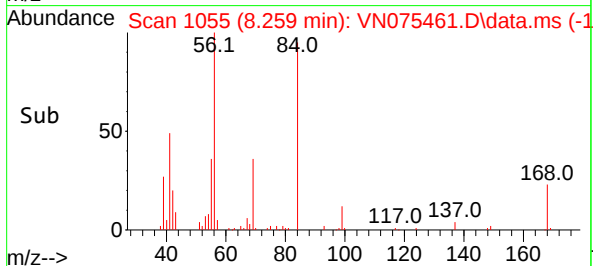
Tgt Ion:	56	Resp:	116704
Ion Ratio	100	Lower	Upper
56	100		
69	35.9	25.2	37.8
84	96.6	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#32

1,1,1-Trichloroethane

Concen: 47.864 ug/l

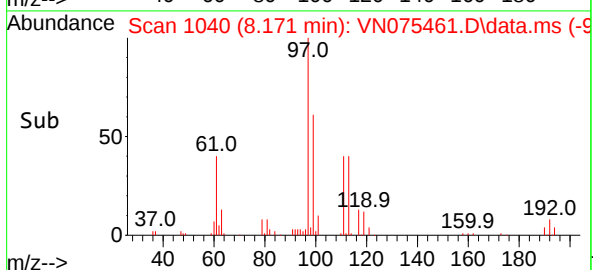
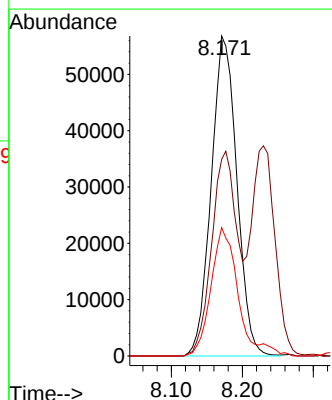
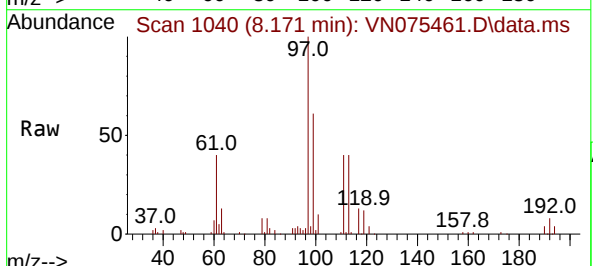
RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Tgt Ion:	97	Resp:	142207
Ion Ratio	100	Lower	Upper
97	100		
99	63.1	50.2	75.2
61	42.5	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 49.443 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4310

Ion Ratio Lower Upper

65 100

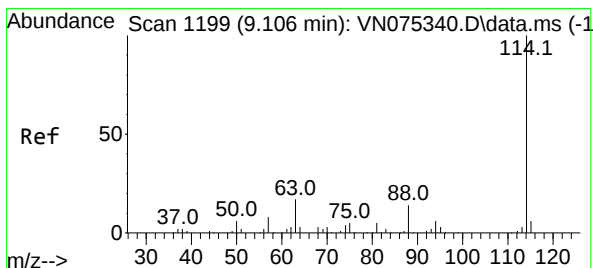
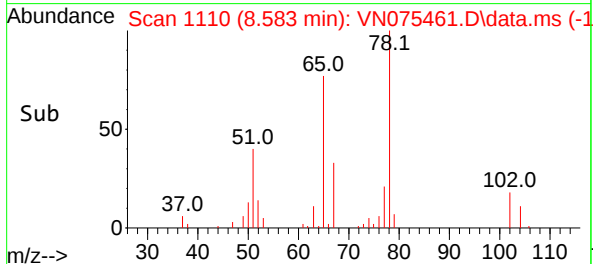
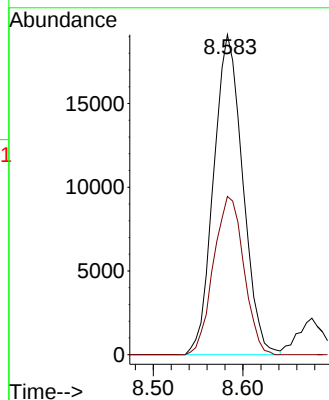
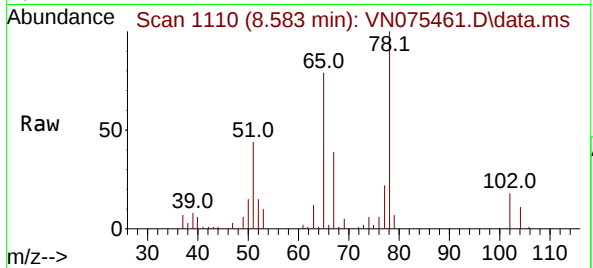
67 51.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

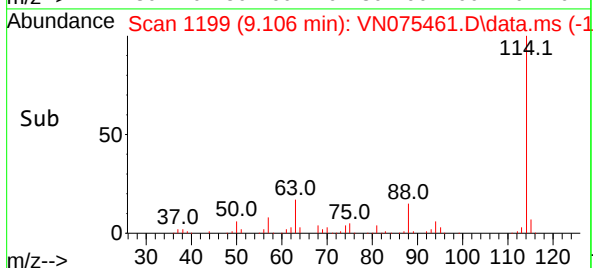
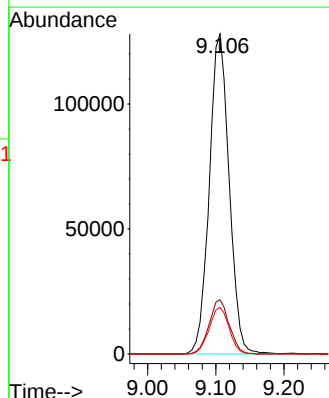
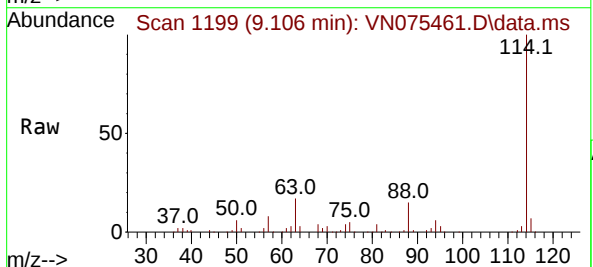
Tgt Ion:114 Resp: 259041

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.913 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

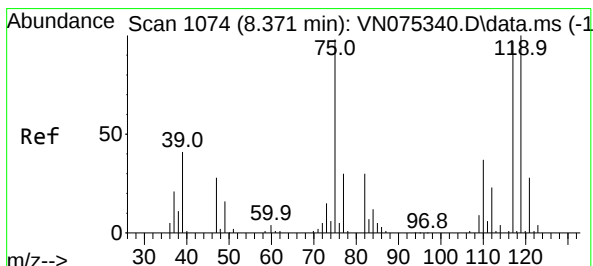
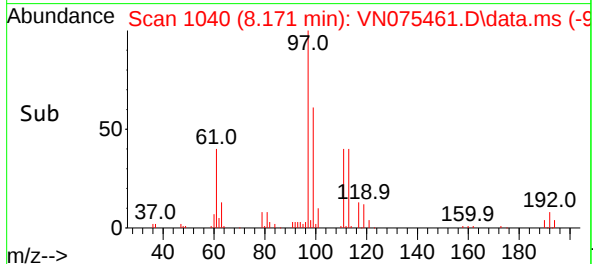
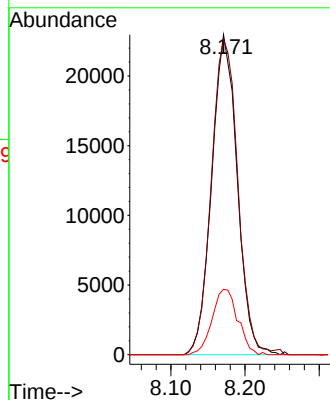
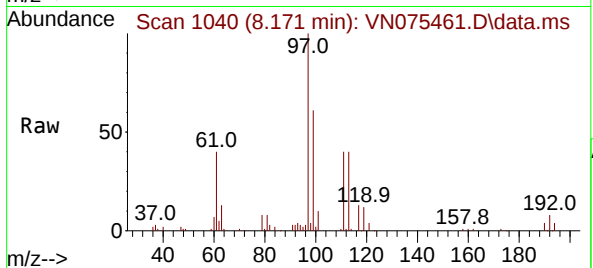
Tgt Ion:	113	Resp:	5486
Ion Ratio	Lower	Upper	
113	100		
111	102.7	80.5	120.7
192	20.6	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 48.552 ug/l

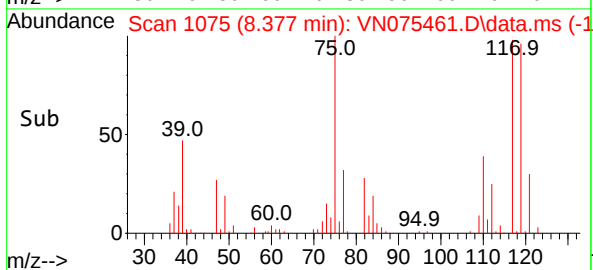
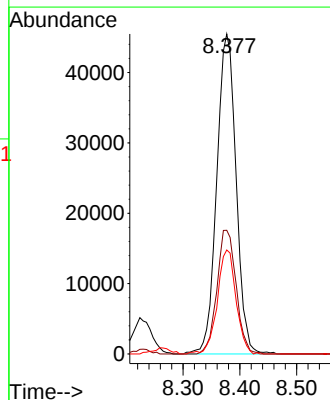
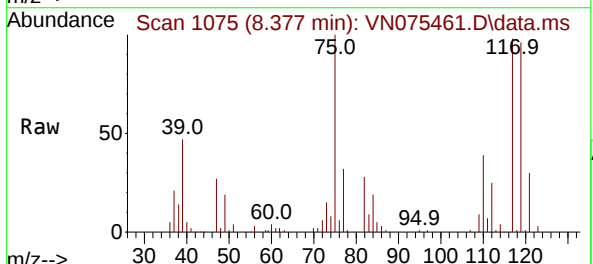
RT: 8.377 min Scan# 1075

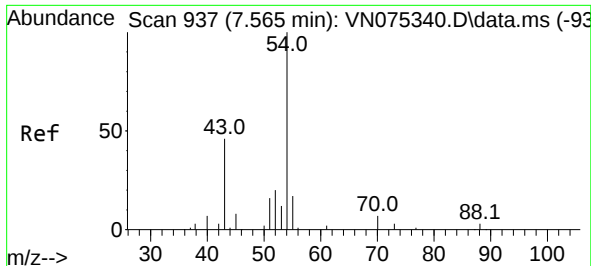
Delta R.T. 0.006 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Tgt Ion:	75	Resp:	107743
Ion Ratio	Lower	Upper	
75	100		
110	38.4	17.8	53.3
77	31.5	24.6	37.0





#37

Ethyl Acetate

Concen: 51.921 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 103748

Ion Ratio Lower Upper

43 100

61 16.1 12.2 18.4

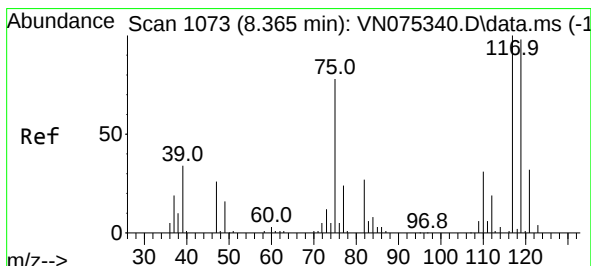
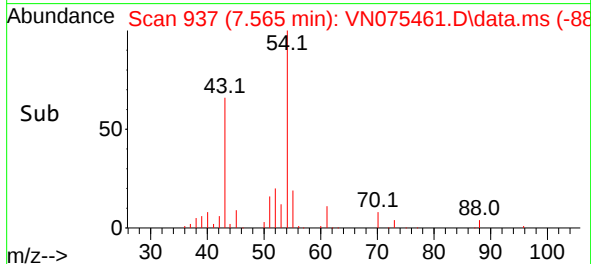
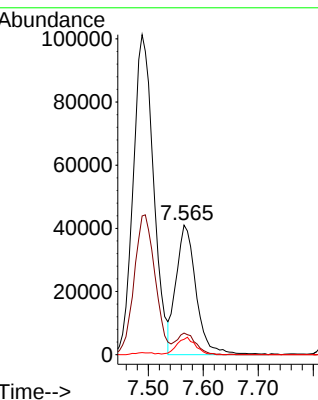
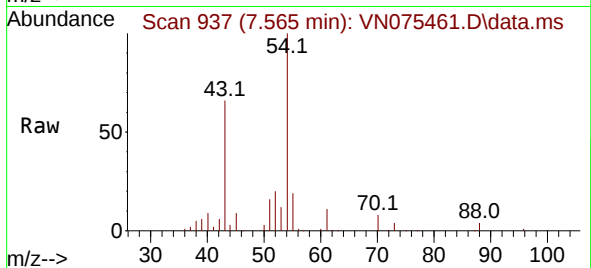
70 12.4 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#38

Carbon Tetrachloride

Concen: 53.215 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

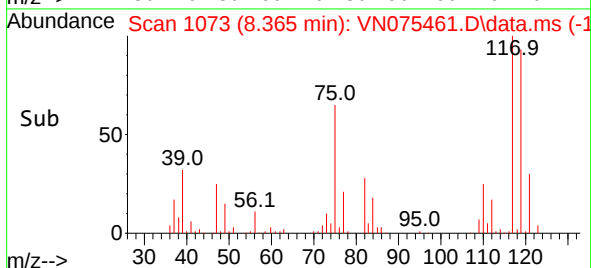
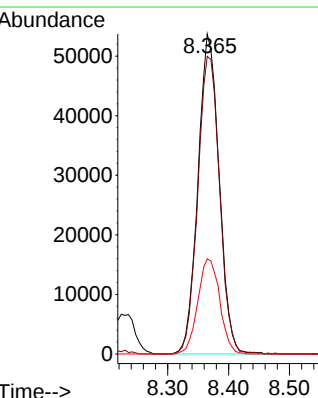
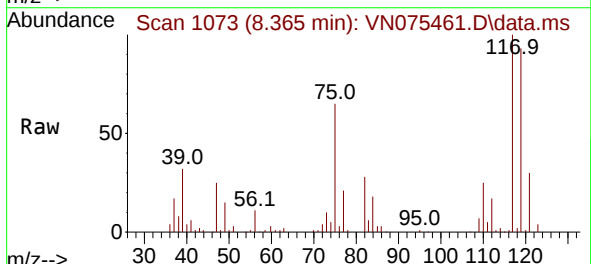
Tgt Ion:117 Resp: 129725

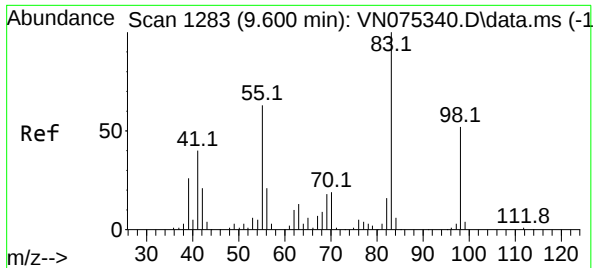
Ion Ratio Lower Upper

117 100

119 93.0 76.7 115.1

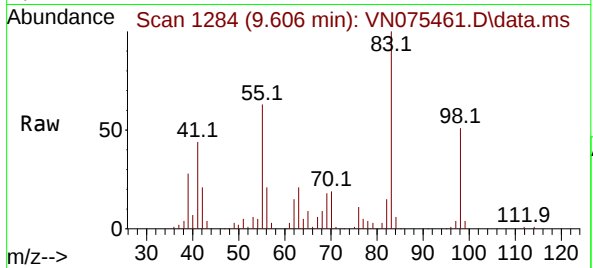
121 29.7 23.9 35.9





#39
Methylcyclohexane
Concen: 49.869 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

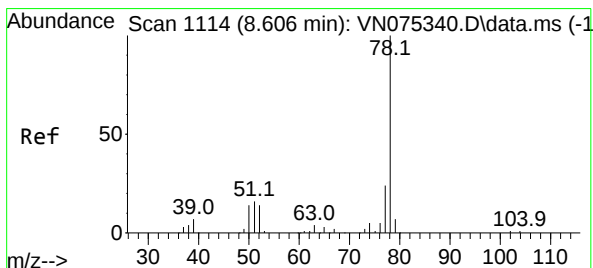
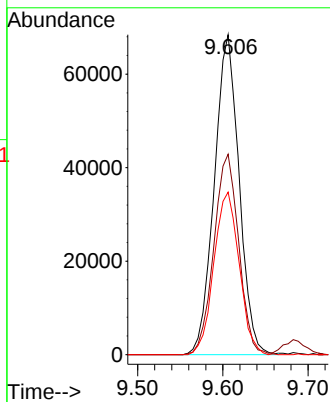
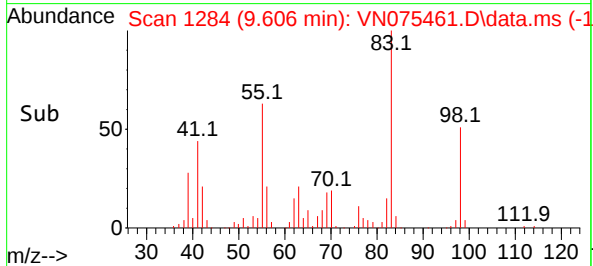
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 13850
Ion Ratio Lower Upper
83 100
55 62.6 53.6 80.4
98 50.8 41.1 61.7

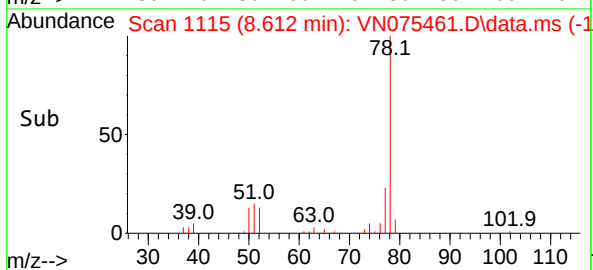
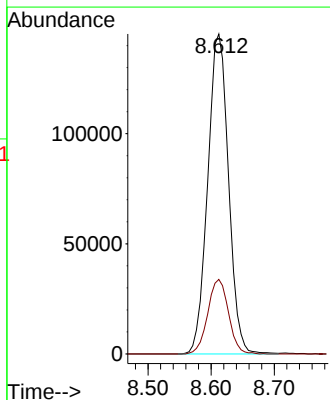
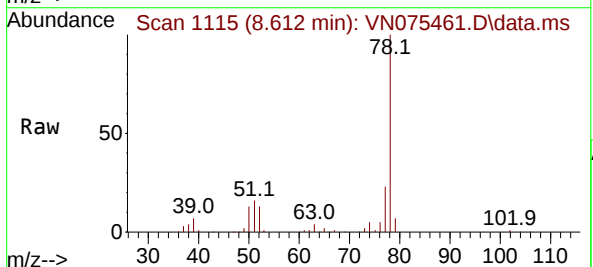
Manual Integrations
APPROVED

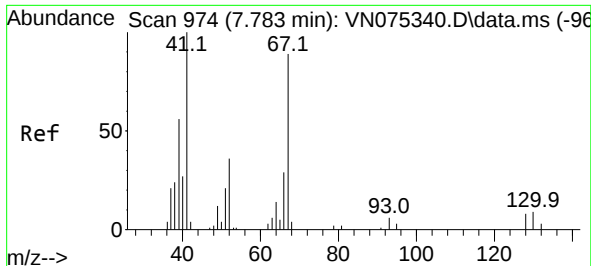
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#40
Benzene
Concen: 48.977 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 78 Resp: 332768
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





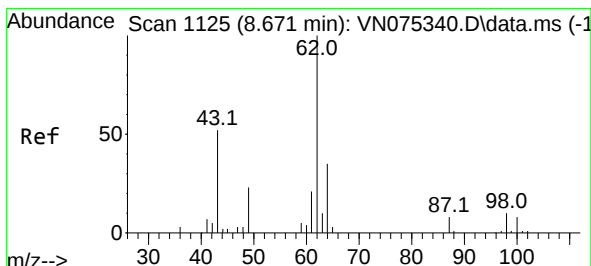
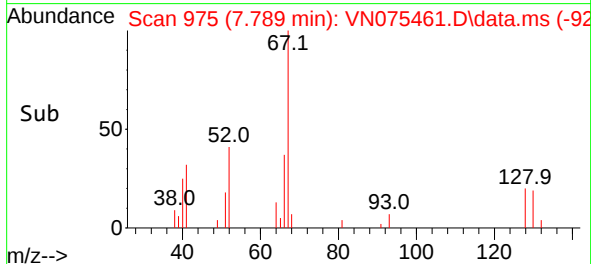
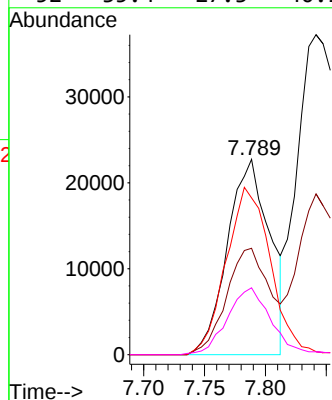
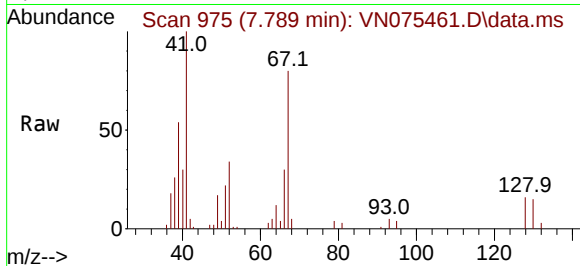
#41
Methacrylonitrile
Concen: 53.819 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 54980
Ion Ratio Lower Upper
41 100
39 55.7 44.4 66.6
67 89.8 69.8 104.6
52 35.4 27.3 40.9

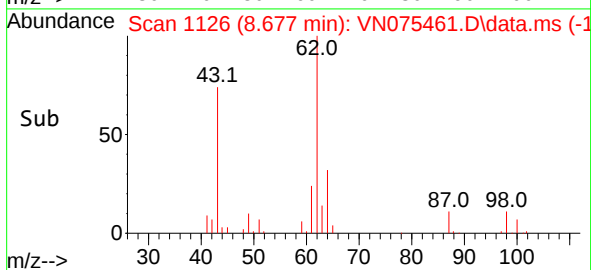
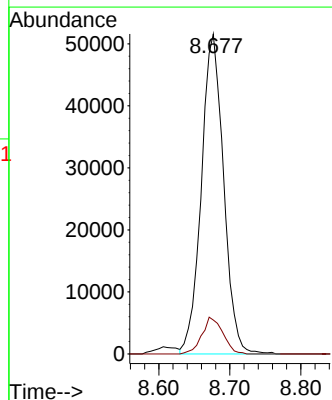
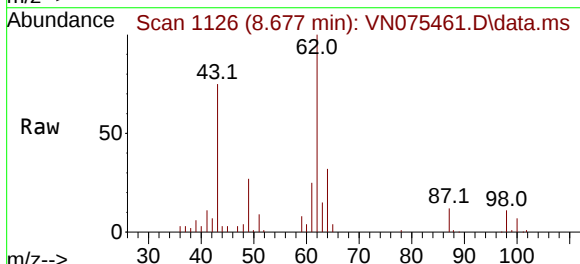
Manual Integrations
APPROVED

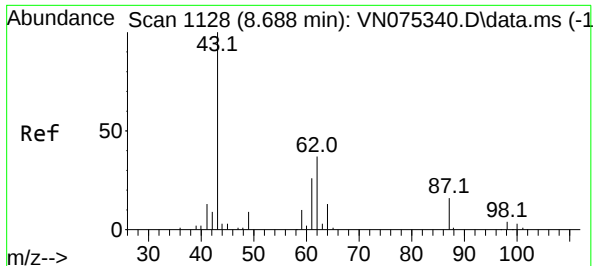
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#42
1,2-Dichloroethane
Concen: 49.417 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

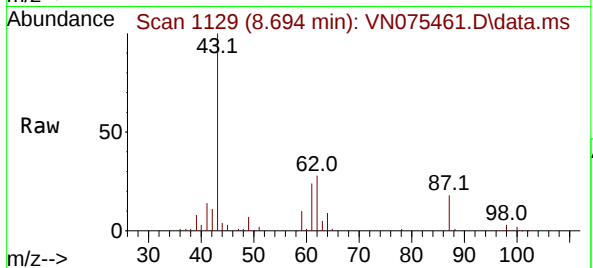
Tgt Ion: 62 Resp: 112449
Ion Ratio Lower Upper
62 100
98 10.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 51.818 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

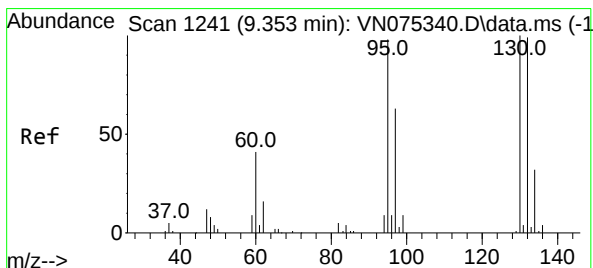
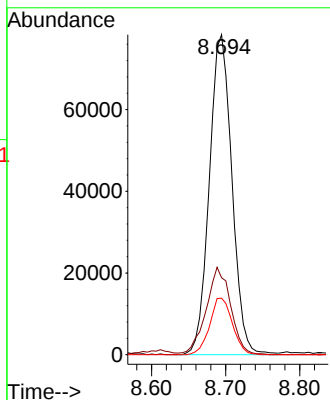
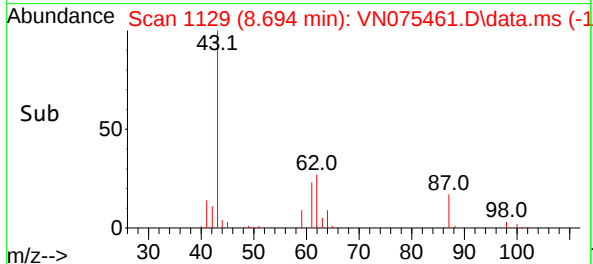
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 166198
Ion Ratio Lower Upper
43 100
61 29.7 22.4 33.6
87 17.7 12.5 18.7

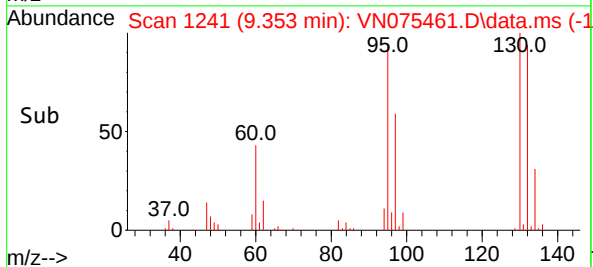
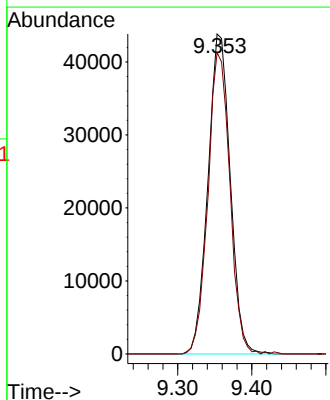
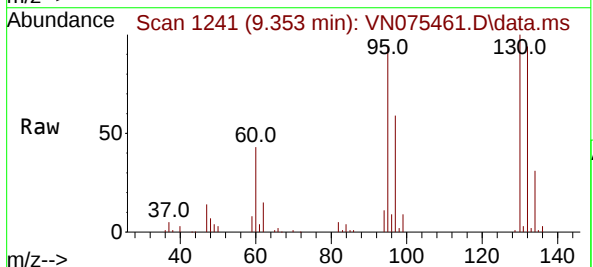
Manual Integrations
APPROVED

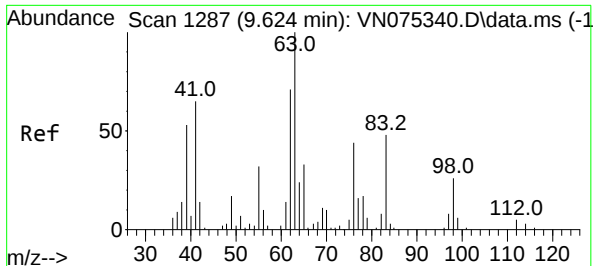
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#44
Trichloroethene
Concen: 49.300 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion:130 Resp: 91654
Ion Ratio Lower Upper
130 100
95 94.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.209 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 79670

Ion Ratio Lower Upper

63 100

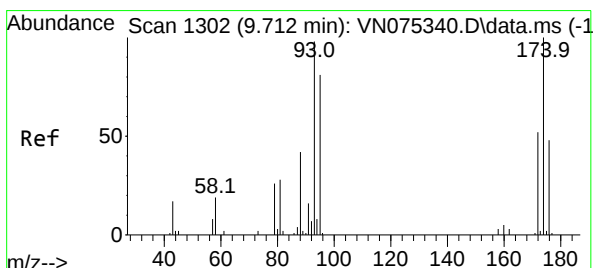
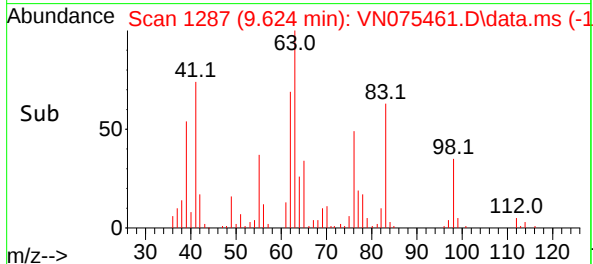
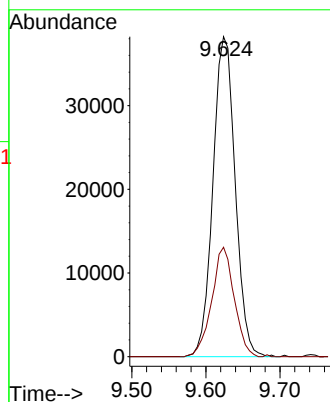
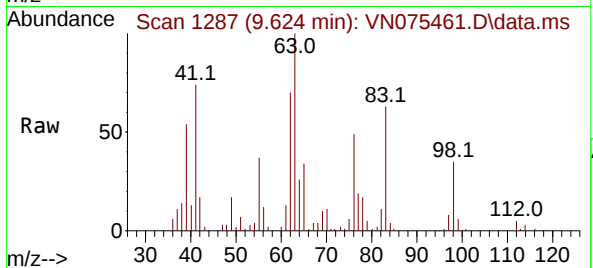
65 34.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#46

Dibromomethane

Concen: 49.768 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

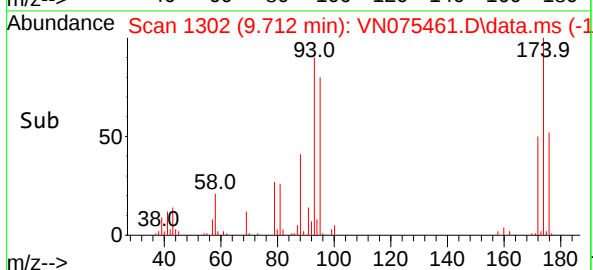
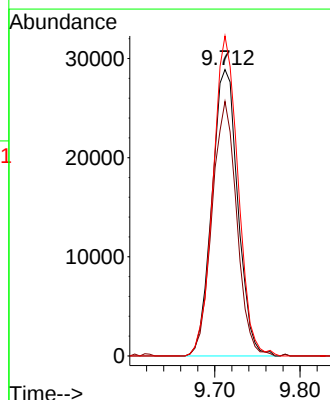
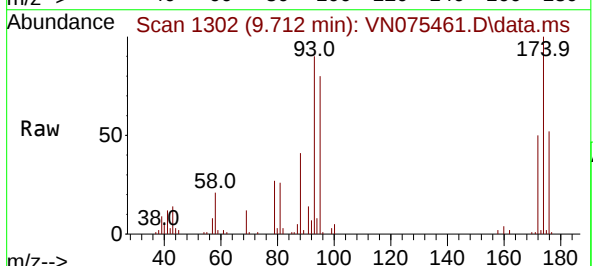
Tgt Ion: 93 Resp: 60950

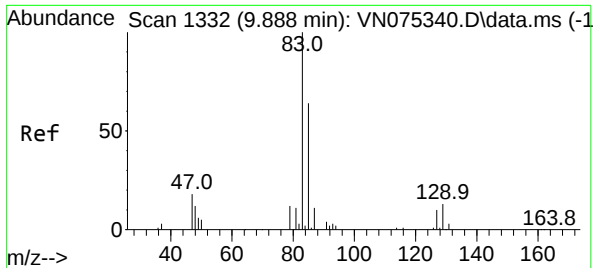
Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

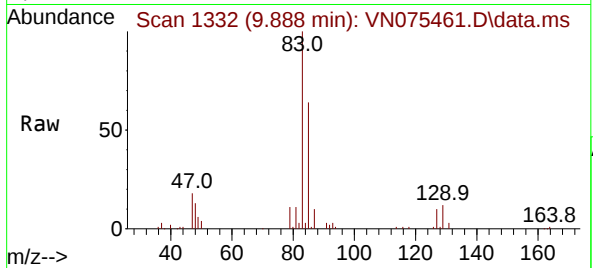
174 107.7 70.3 105.5#





#47
Bromodichloromethane
Concen: 52.155 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

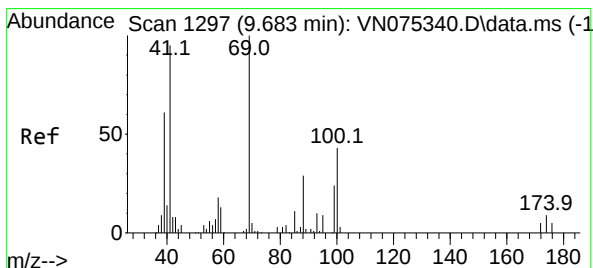
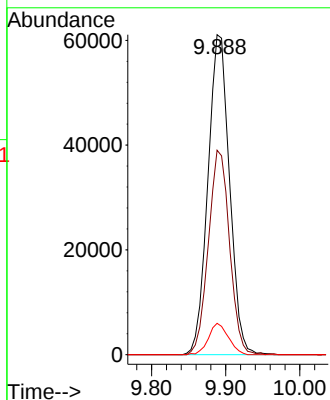
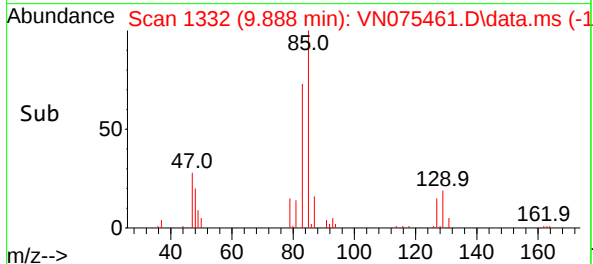
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12369
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 9.8 6.6 10.0

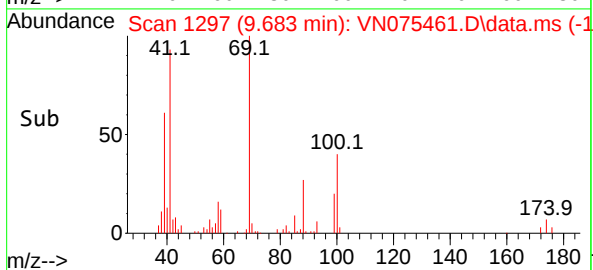
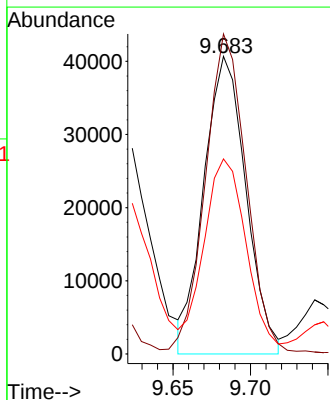
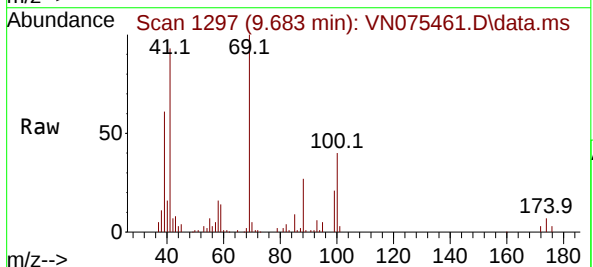
Manual Integrations
APPROVED

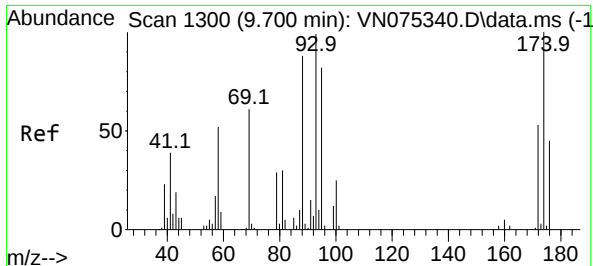
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#48
Methyl methacrylate
Concen: 51.788 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Tgt Ion: 41 Resp: 76805
Ion Ratio Lower Upper
41 100
69 104.0 80.2 120.2
39 66.6 56.2 84.2





#49

1,4-Dioxane

Concen: 1093.416 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 46040

Ion Ratio Lower Upper

88 100

43 16.5 17.5 26.3

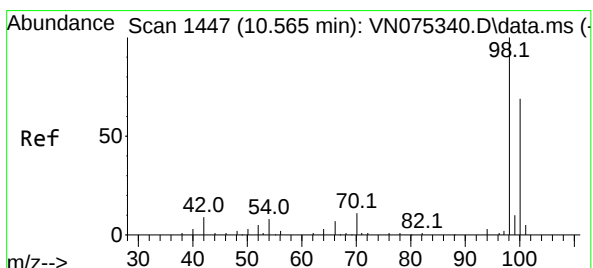
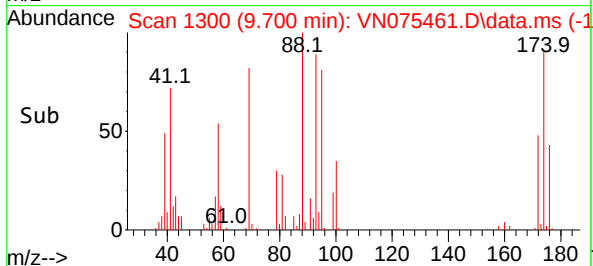
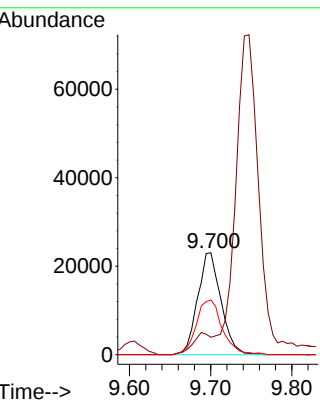
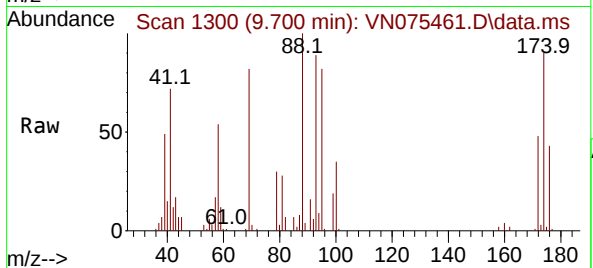
58 59.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#50

Toluene-d8

Concen: 53.349 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075461.D

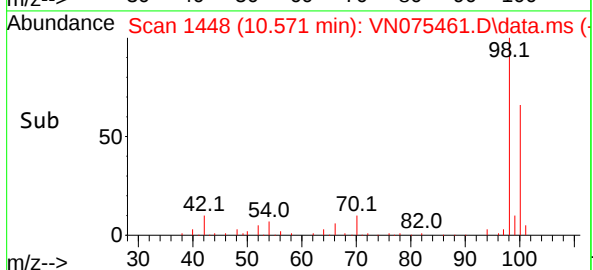
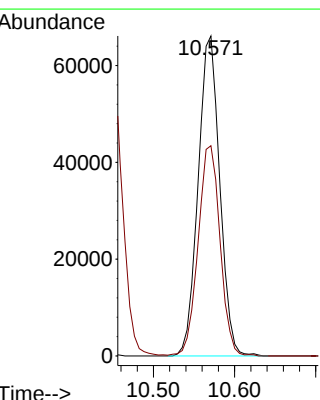
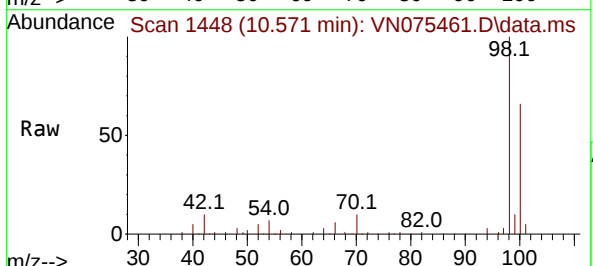
Acq: 28 Nov 2022 20:11

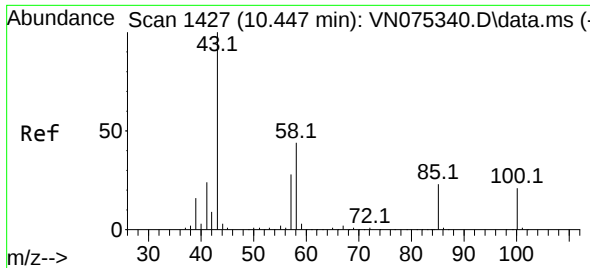
Tgt Ion: 98 Resp: 122272

Ion Ratio Lower Upper

98 100

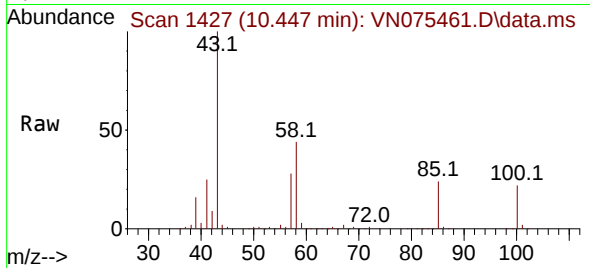
100 66.6 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 264.538 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

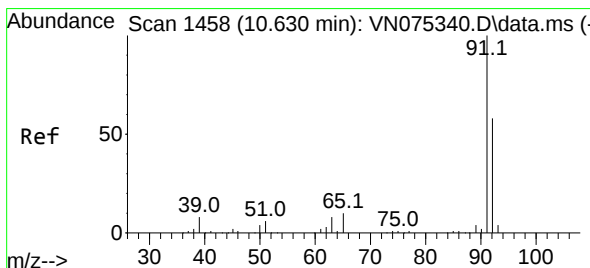
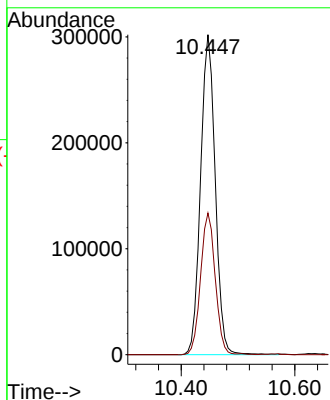
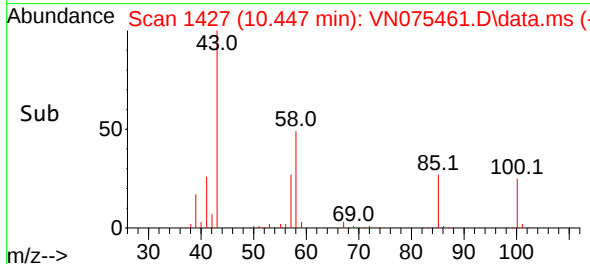
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



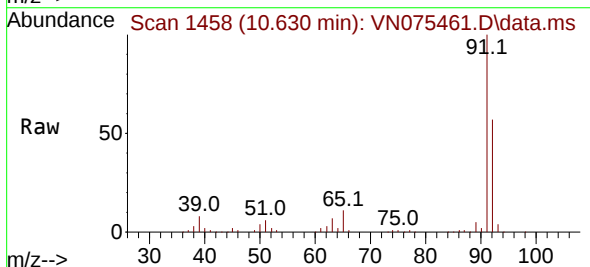
Tgt Ion: 43 Resp: 54040
Ion Ratio Lower Upper
43 100
58 44.3 33.6 50.4

Manual Integrations
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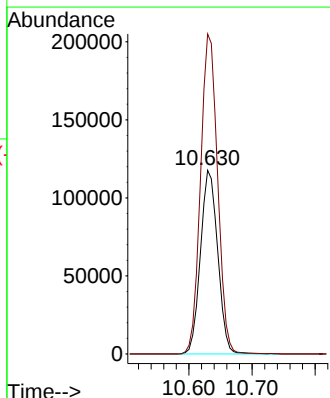
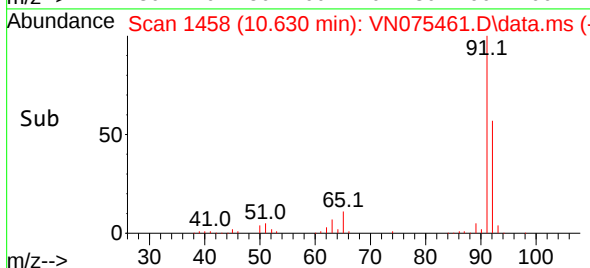
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

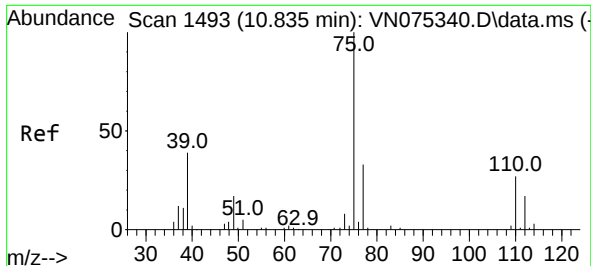


#52
Toluene
Concen: 50.758 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



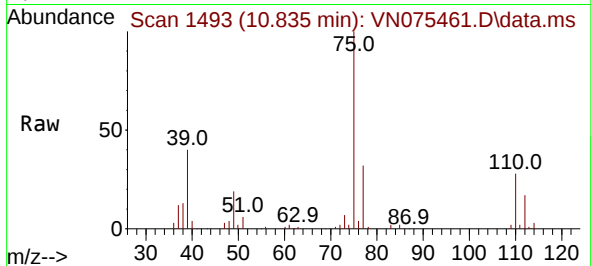
Tgt Ion: 92 Resp: 222236
Ion Ratio Lower Upper
92 100
91 172.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 52.250 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

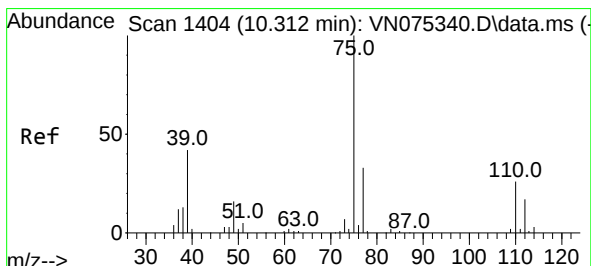
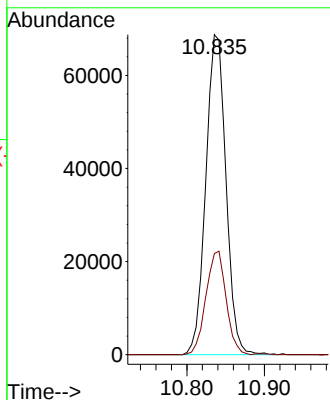
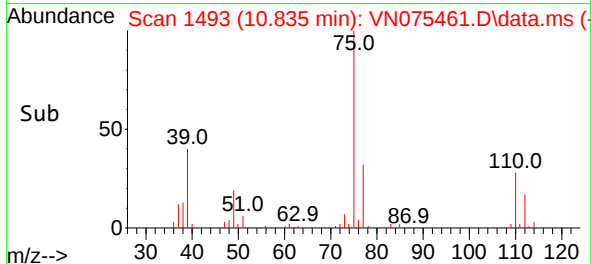
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



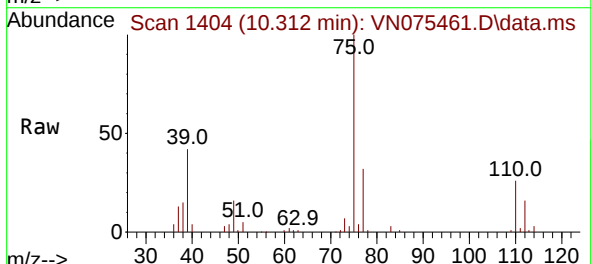
Tgt Ion: 75 Resp: 12440
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

Manual Integrations
APPROVED

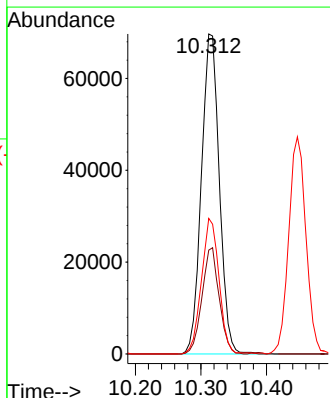
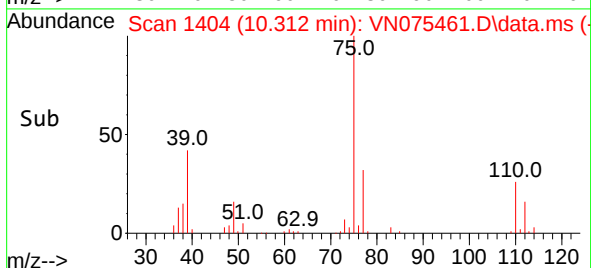
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

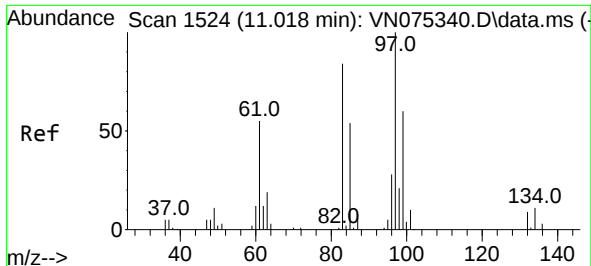


#54
cis-1,3-Dichloropropene
Concen: 51.358 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



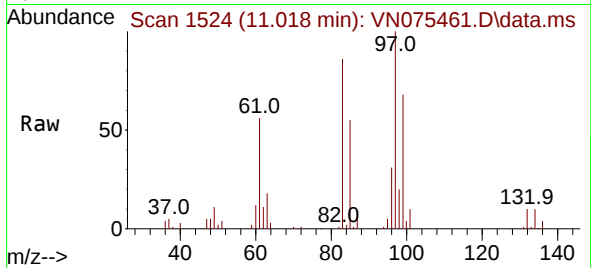
Tgt Ion: 75 Resp: 132808
Ion Ratio Lower Upper
75 100
77 32.4 23.7 35.5
39 42.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 49.563 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

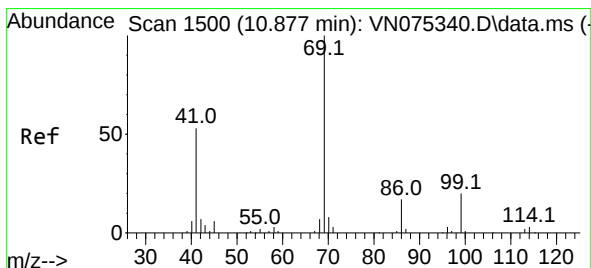
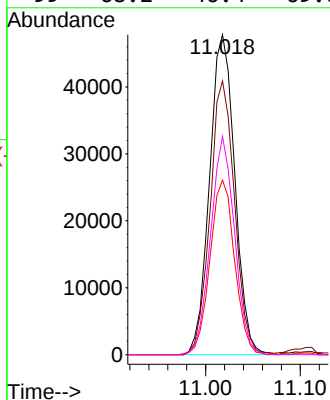
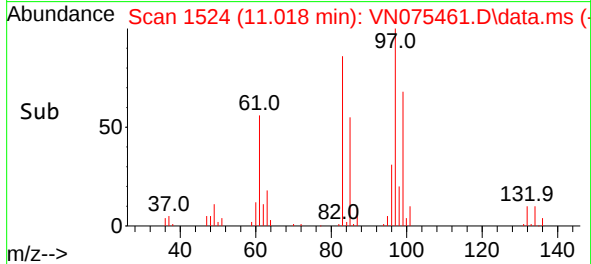
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



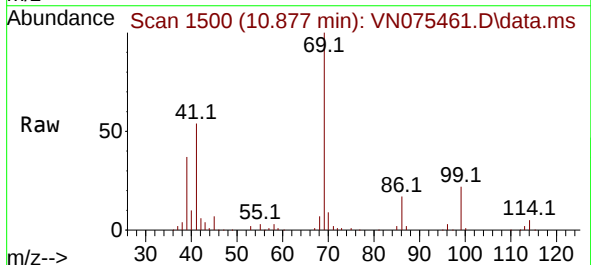
Tgt Ion:	97	Resp:	88384
Ion Ratio	100	Lower	Upper
97	100		
83	85.6	65.9	98.9
85	54.6	40.4	60.6
99	68.2	46.4	69.6

Manual Integrations
APPROVED

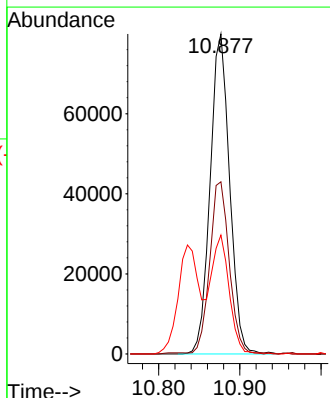
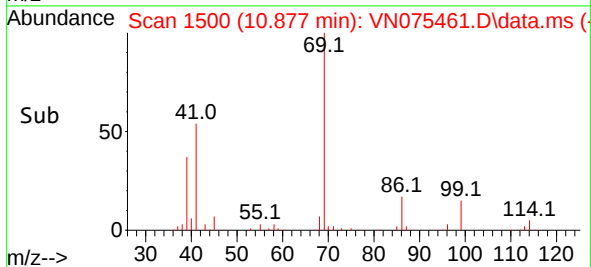
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

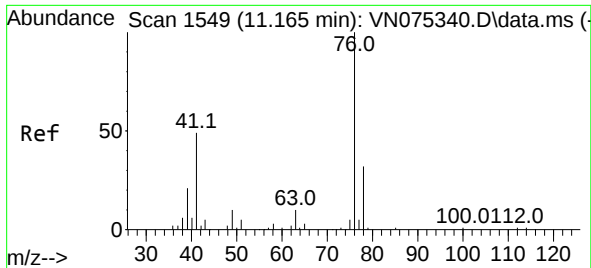


#56
Ethyl methacrylate
Concen: 55.326 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



Tgt Ion:	69	Resp:	133241
Ion Ratio	100	Lower	Upper
69	100		
41	53.9	45.6	68.4
39	36.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.468 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 143838

Ion Ratio Lower Upper

76 100

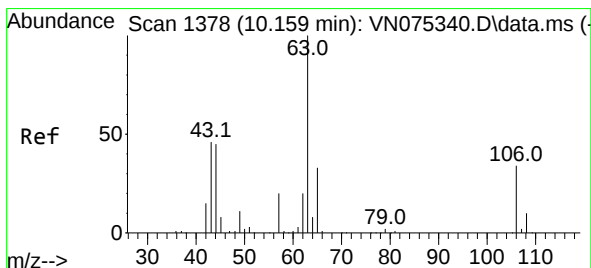
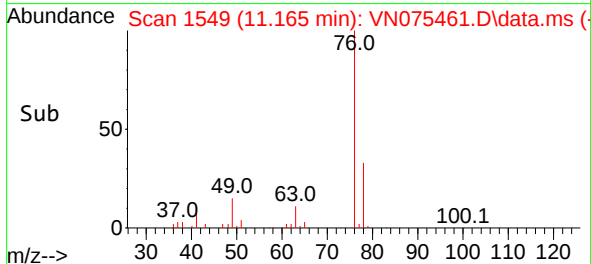
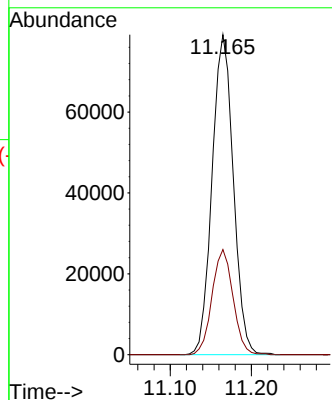
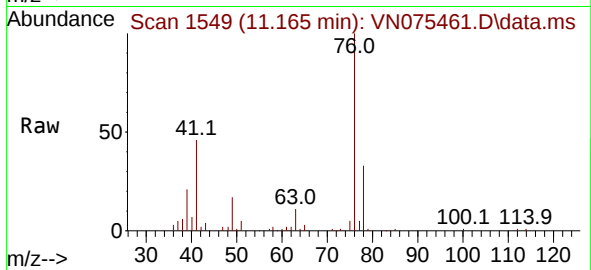
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 268.315 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075461.D

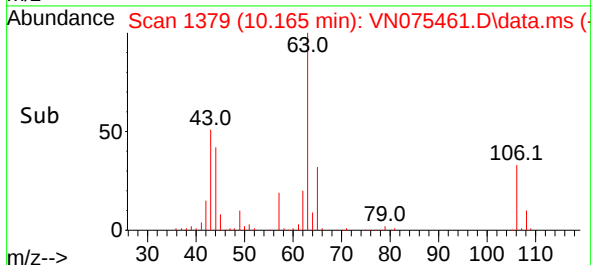
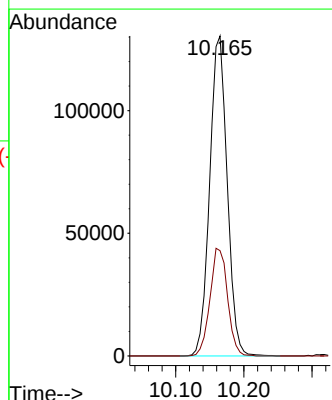
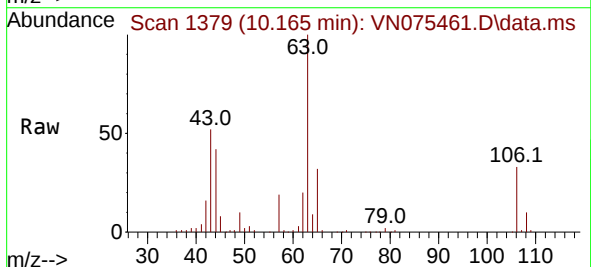
Acq: 28 Nov 2022 20:11

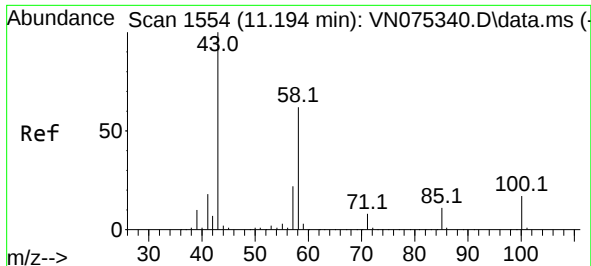
Tgt Ion: 63 Resp: 233046

Ion Ratio Lower Upper

63 100

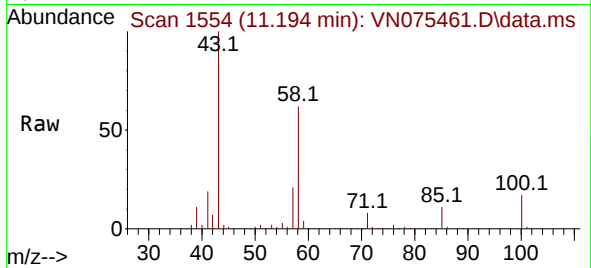
106 33.7 24.8 37.2





#59
2-Hexanone
Concen: 263.210 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

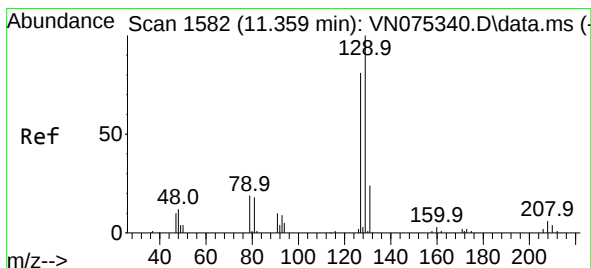
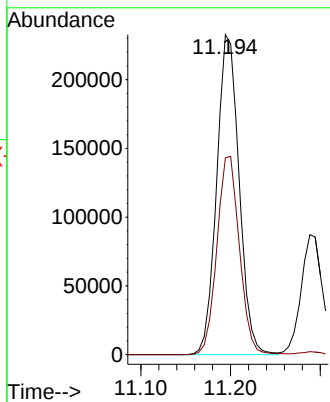
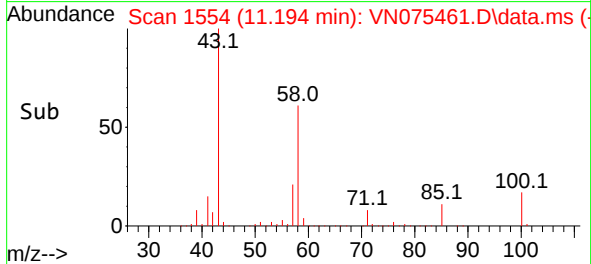
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40375
Ion Ratio Lower Upper
43 100
58 62.3 29.6 88.8

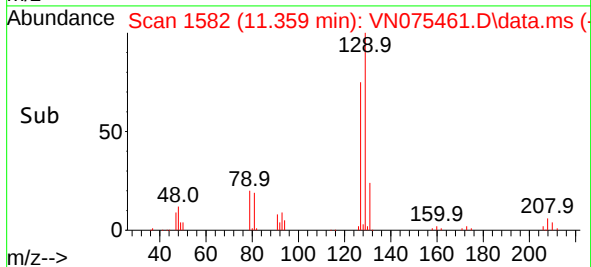
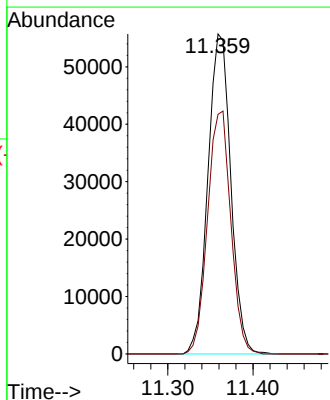
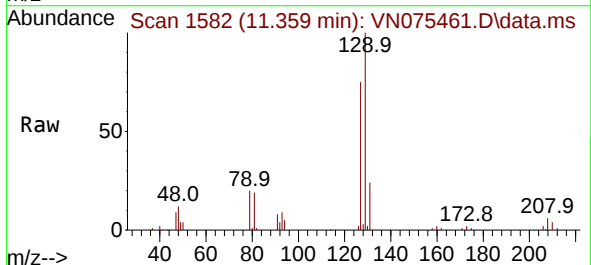
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
Dibromochloromethane
Concen: 56.835 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

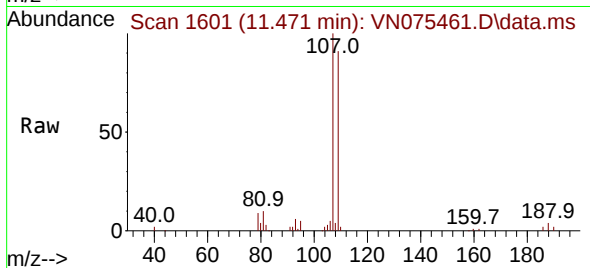
Tgt Ion:129 Resp: 104033
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.022 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

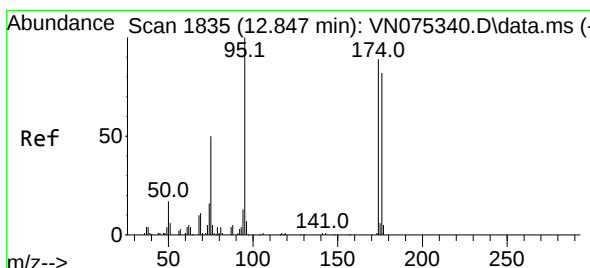
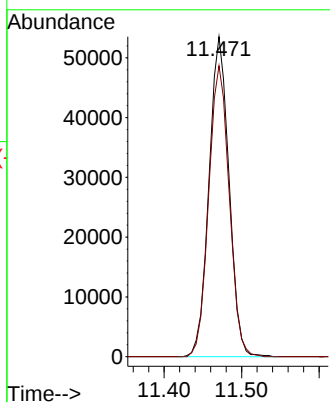
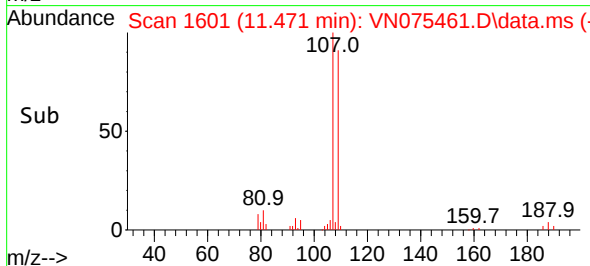
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



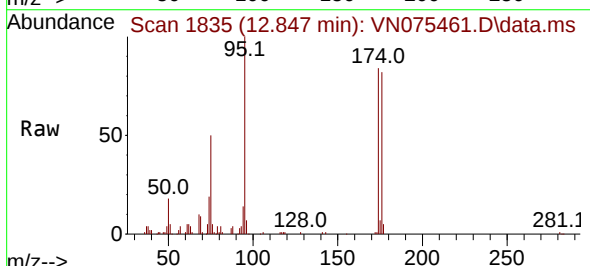
Tgt Ion:107 Resp: 9628
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

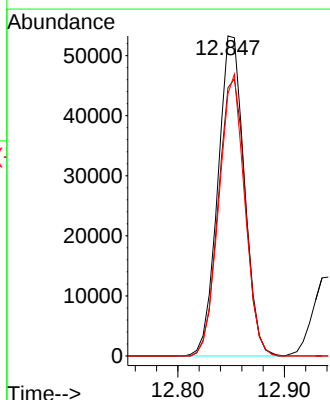
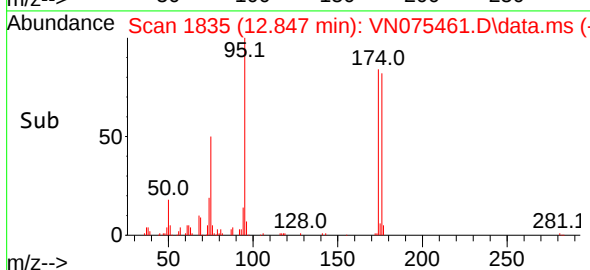
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

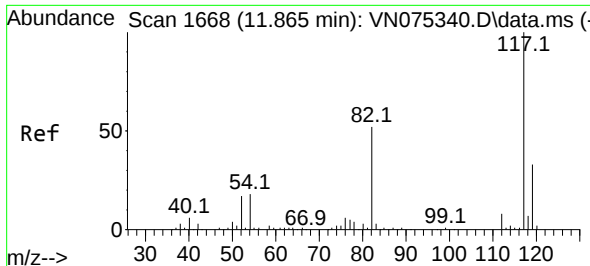


#62
4-Bromofluorobenzene
Concen: 54.281 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



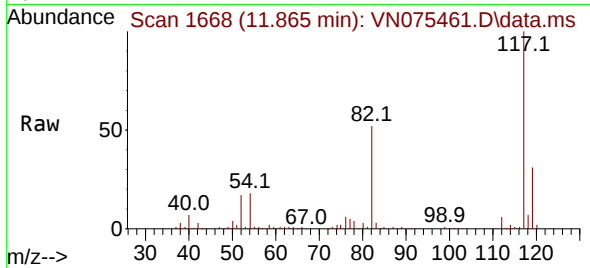
Tgt Ion: 95 Resp: 91827
Ion Ratio Lower Upper
95 100
174 88.2 0.0 147.4
176 85.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

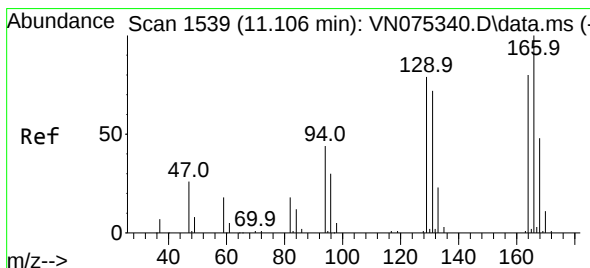
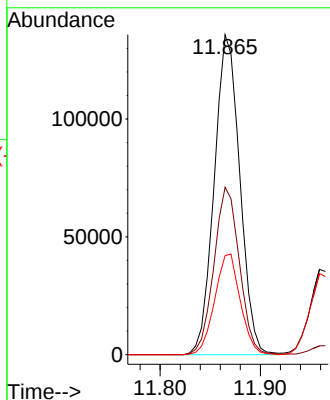
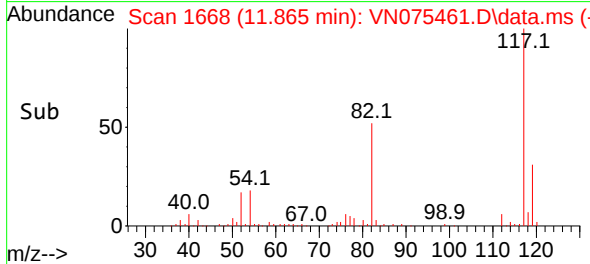
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



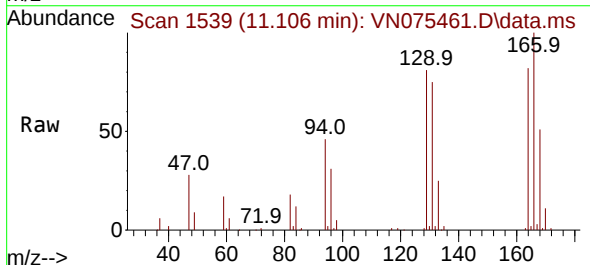
Tgt Ion:117 Resp: 240220
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 31.0 25.5 38.3

Manual Integrations
APPROVED

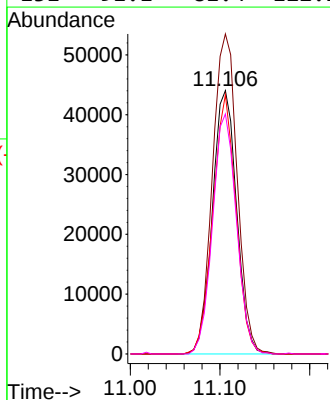
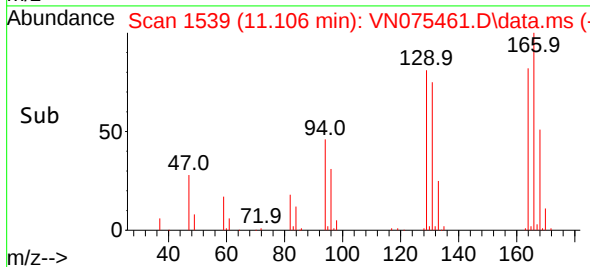
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

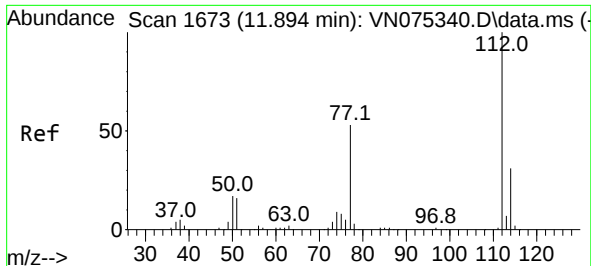


#64
Tetrachloroethene
Concen: 44.822 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



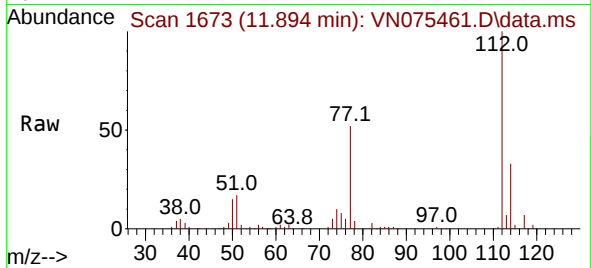
Tgt Ion:164 Resp: 82225
Ion Ratio Lower Upper
164 100
166 121.5 106.5 159.7
129 98.4 81.9 122.9
131 91.1 81.4 122.2





#65
Chlorobenzene
Concen: 49.330 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

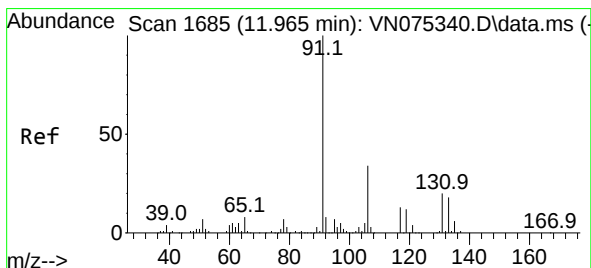
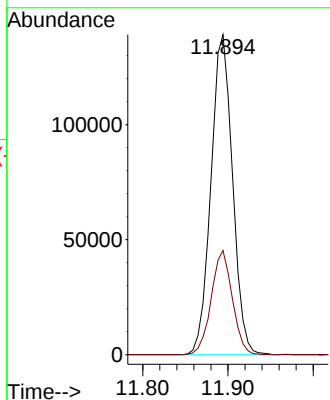
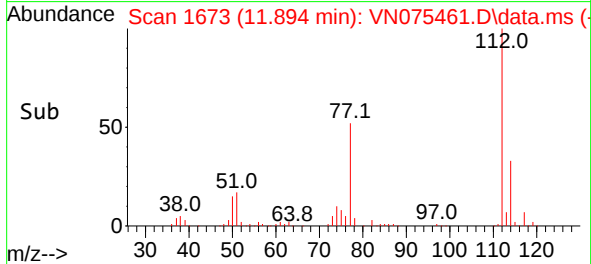
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 244729
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

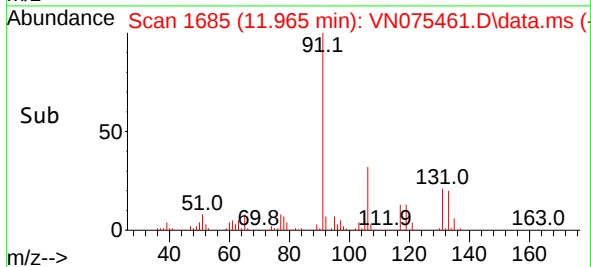
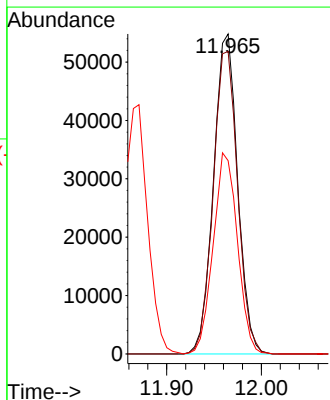
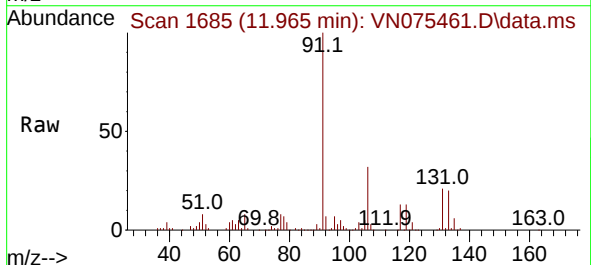
Manual Integrations
APPROVED

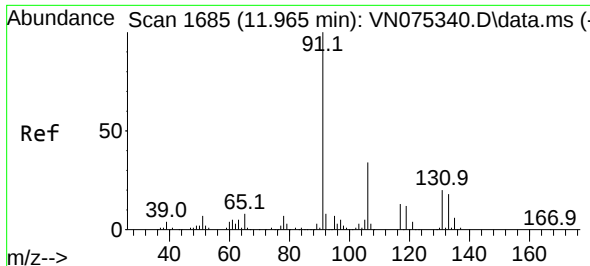
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.337 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

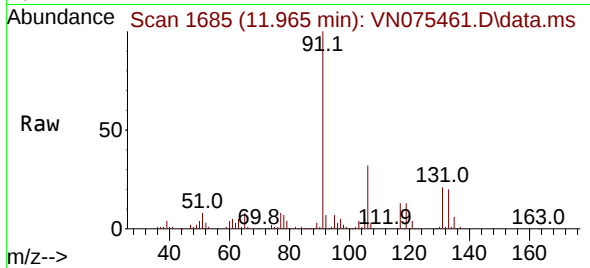
Tgt Ion:131 Resp: 96907
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 63.5 33.0 99.0





#67
Ethyl Benzene
Concen: 51.054 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

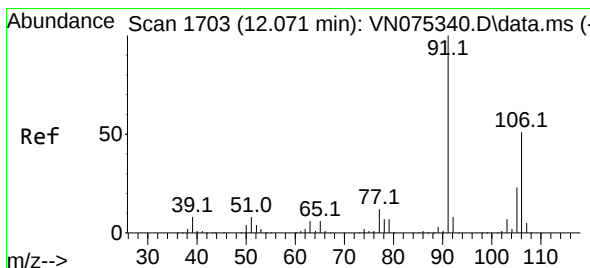
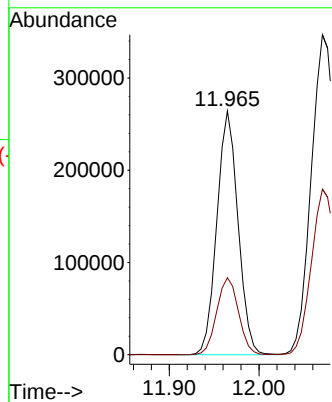
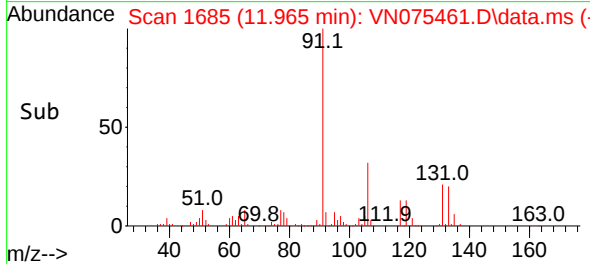
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



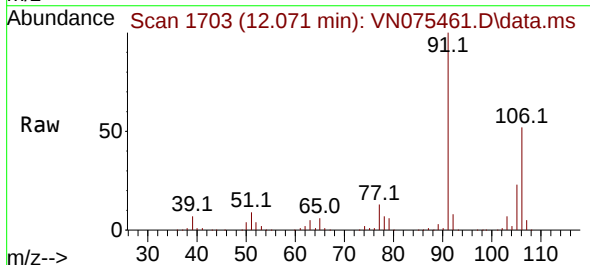
Tgt Ion: 91 Resp: 432112
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

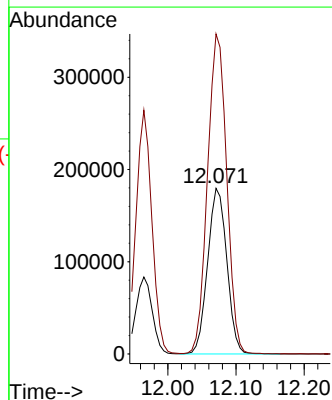
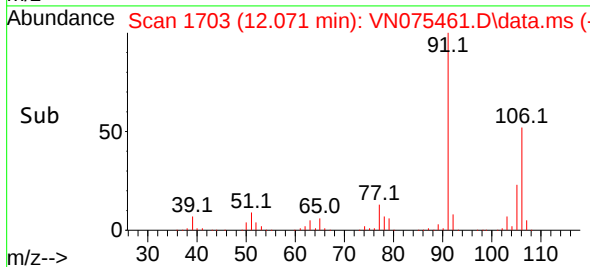
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

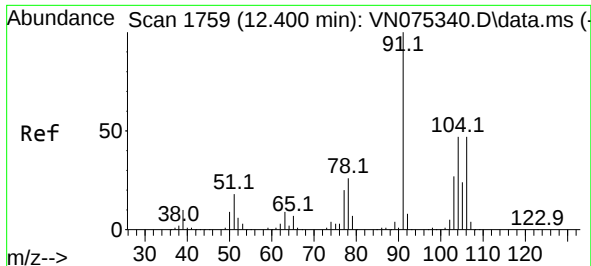


#68
m/p-Xylenes
Concen: 102.355 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



Tgt Ion:106 Resp: 351801
Ion Ratio Lower Upper
106 100
91 193.0 156.0 234.0





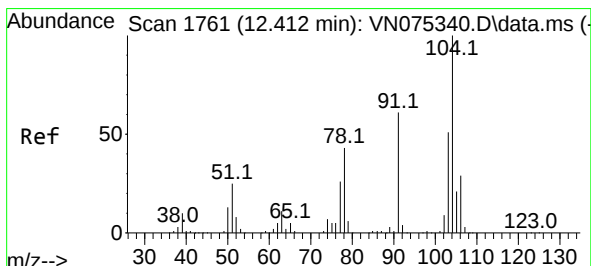
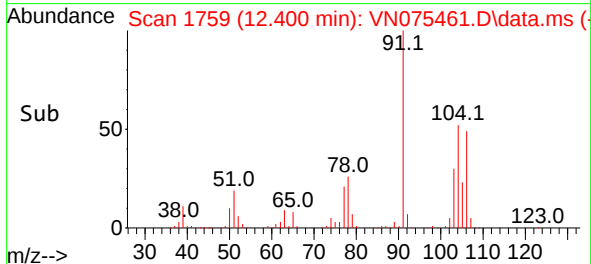
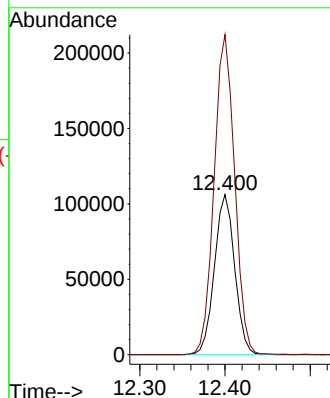
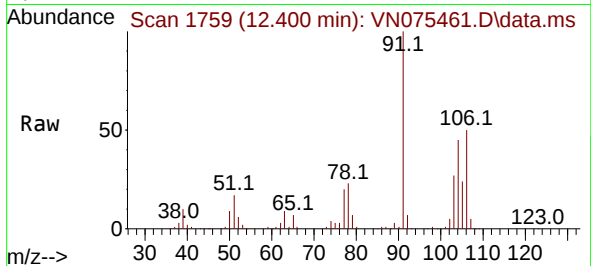
#69
o-Xylene
Concen: 51.353 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17537
Ion Ratio Lower Upper
106 100
91 202.8 105.2 315.5

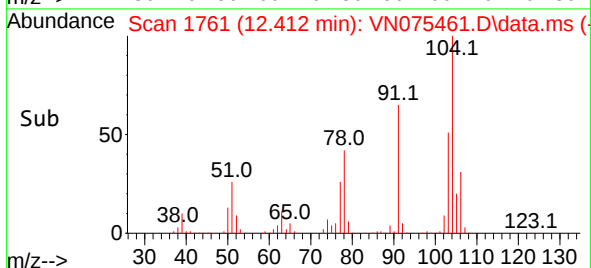
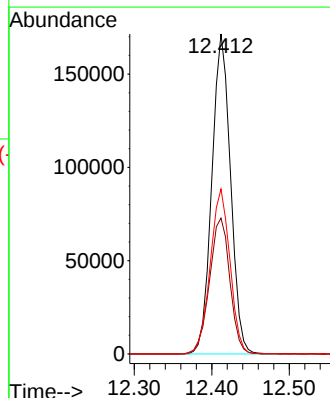
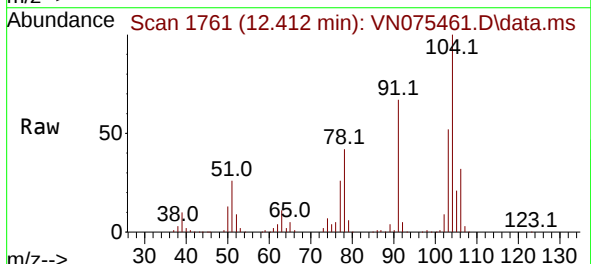
Manual Integrations
APPROVED

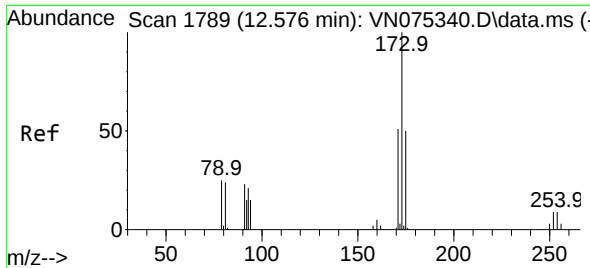
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#70
Styrene
Concen: 53.275 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

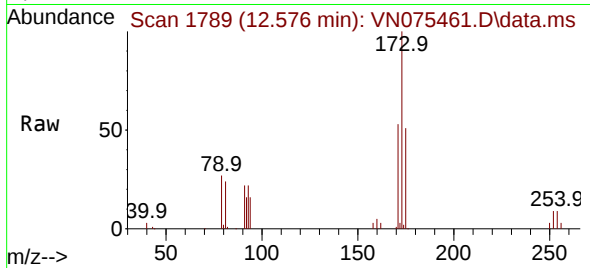
Tgt Ion:104 Resp: 287004
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 54.3 44.6 66.8





#71
Bromoform
Concen: 57.731 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

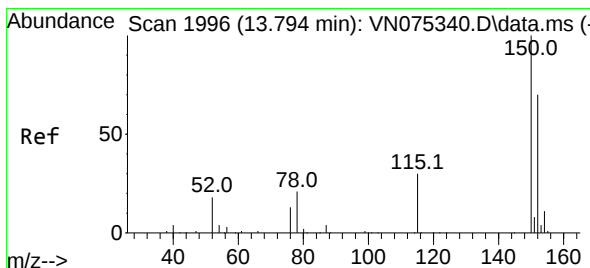
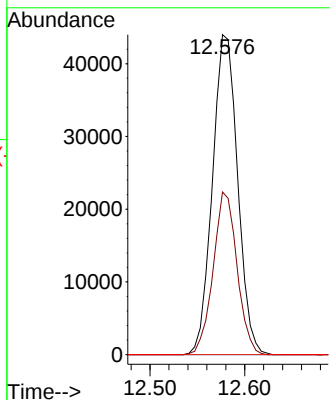
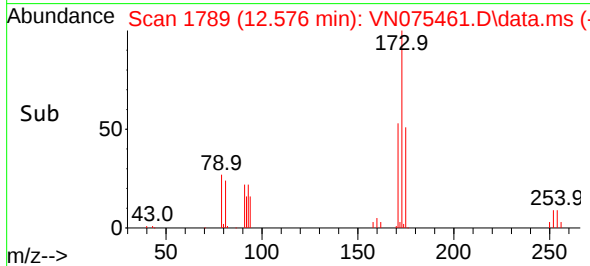
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



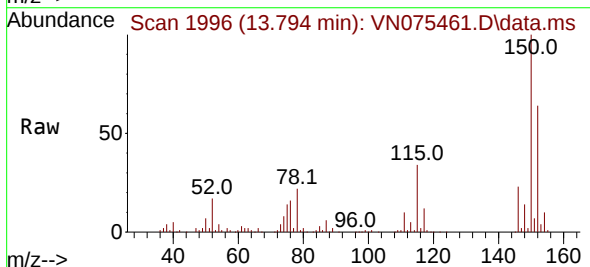
Tgt Ion:173 Resp: 81350
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

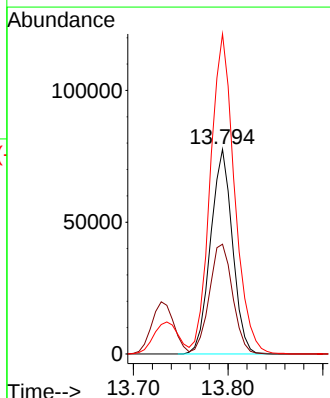
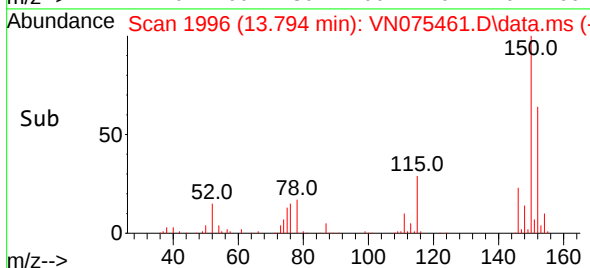
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

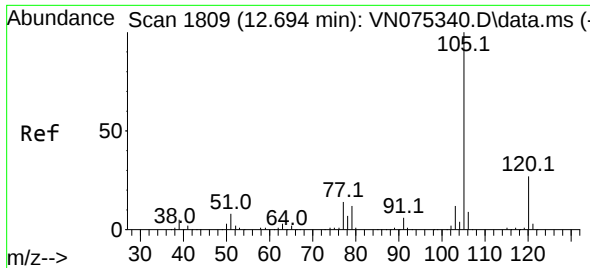


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



Tgt Ion:152 Resp: 124401
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 172.6 0.0 348.4





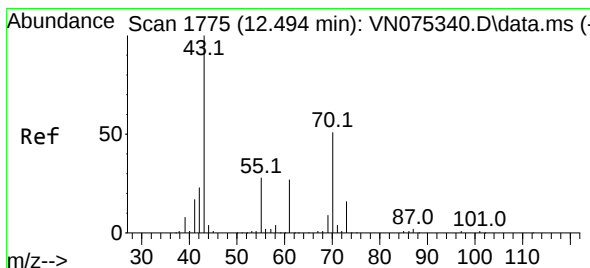
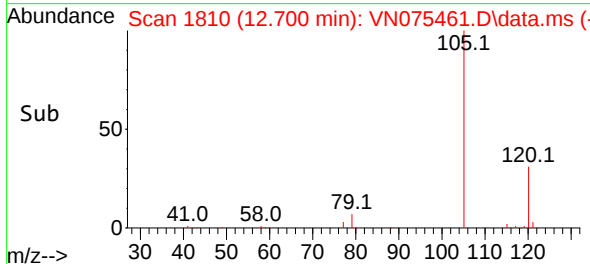
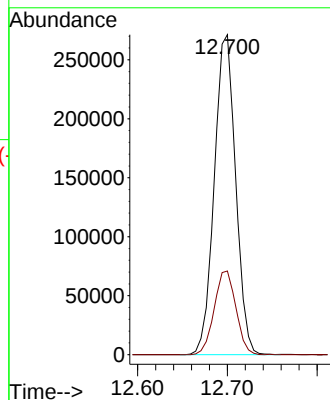
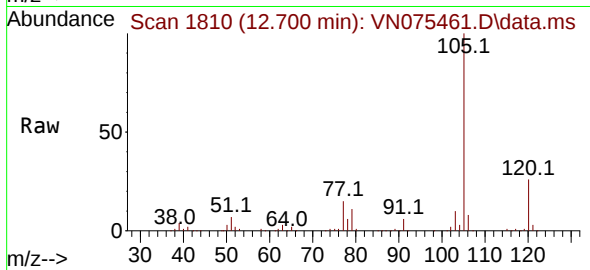
#73
Isopropylbenzene
Concen: 49.262 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 44773
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

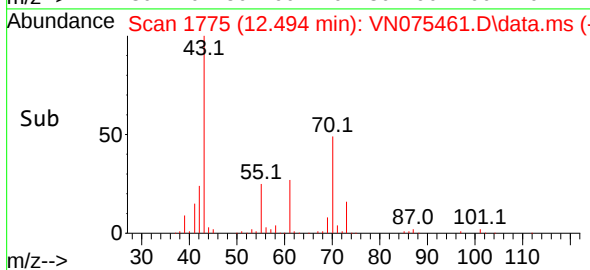
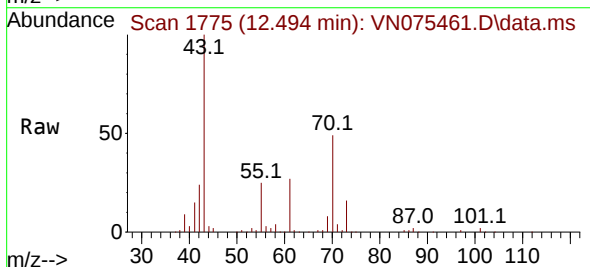
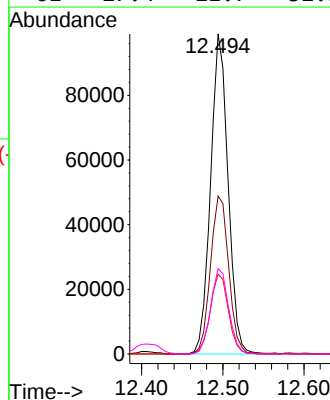
Manual Integrations
APPROVED

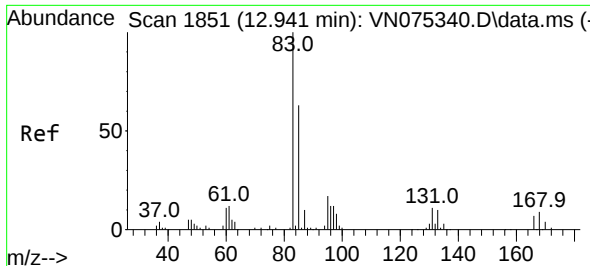
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#74
N-ethyl acetate
Concen: 52.925 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

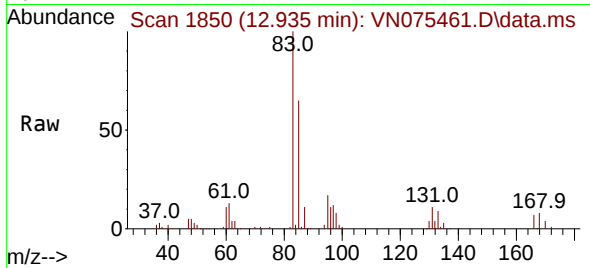
Tgt Ion: 43 Resp: 147881
Ion Ratio Lower Upper
43 100
70 51.5 39.8 59.8
55 25.8 19.9 29.9
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 49.826 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

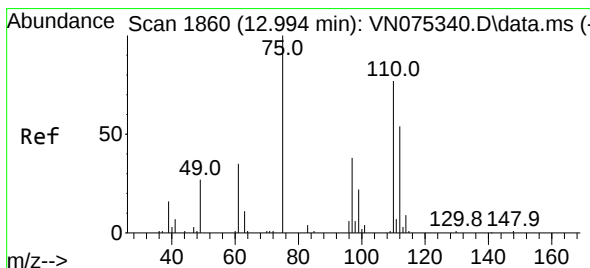
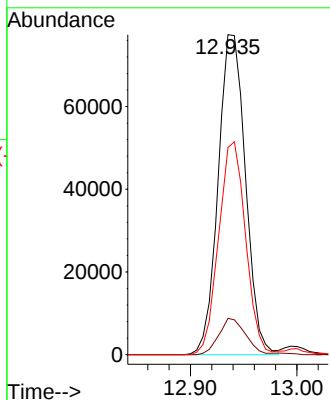
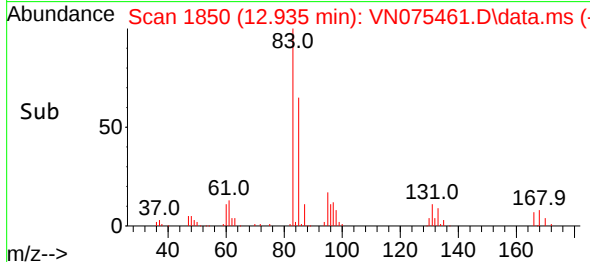
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



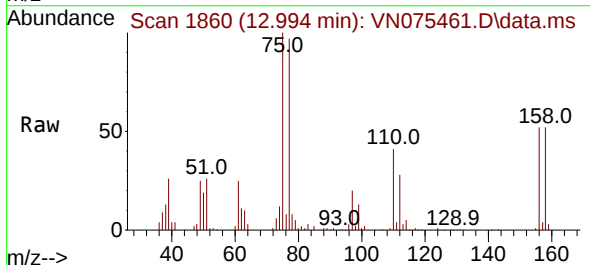
Tgt Ion: 83 Resp: 138064
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 65.4 31.6 94.7

Manual Integrations
APPROVED

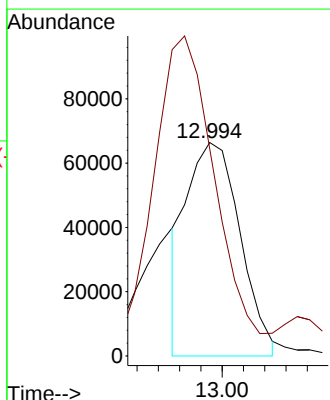
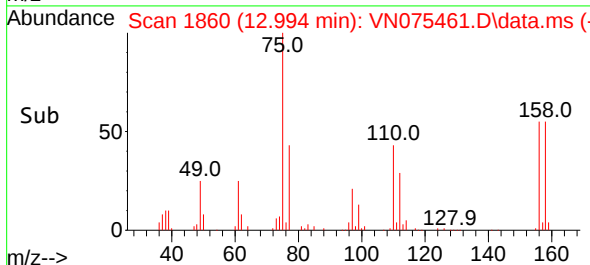
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

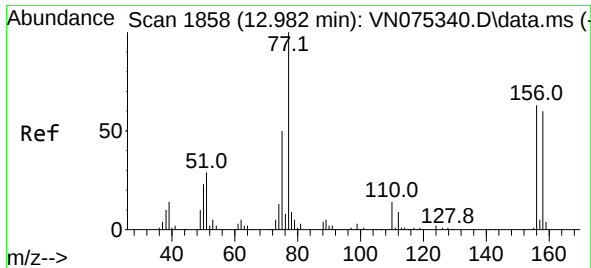


#76
1,2,3-Trichloropropane
Concen: 49.249 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



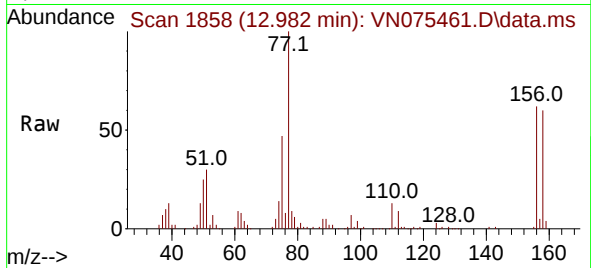
Tgt Ion: 75 Resp: 115838
Ion Ratio Lower Upper
75 100
77 176.4 75.6 226.8





#77
Bromobenzene
Concen: 49.010 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

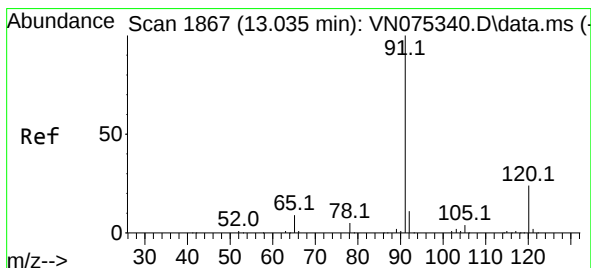
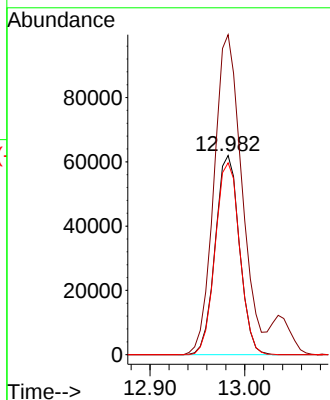
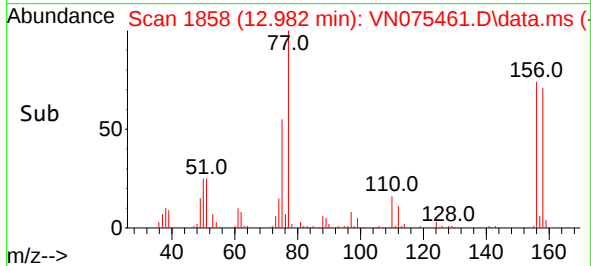
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



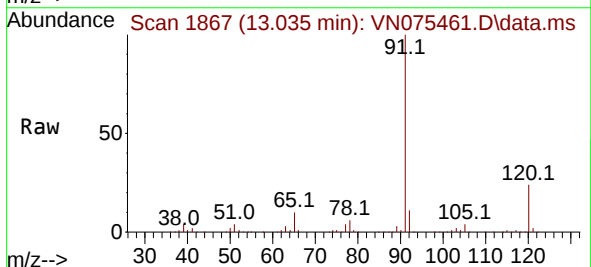
Tgt Ion:156 Resp: 109969
Ion Ratio Lower Upper
156 100
77 185.8 108.5 325.5
158 97.6 47.7 143.1

Manual Integrations
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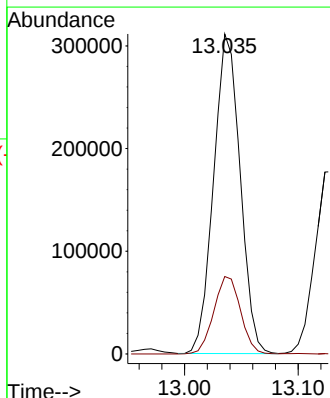
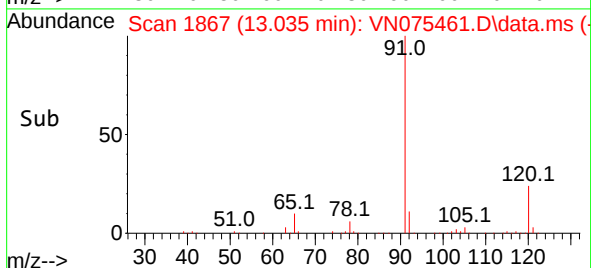
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

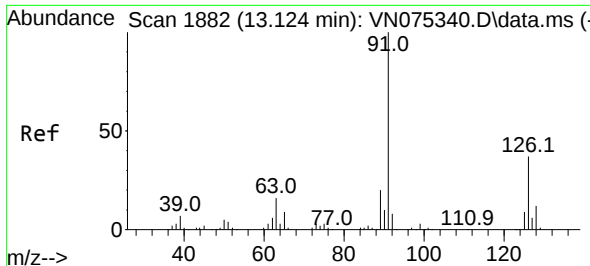


#78
n-propylbenzene
Concen: 49.732 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



Tgt Ion: 91 Resp: 504430
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





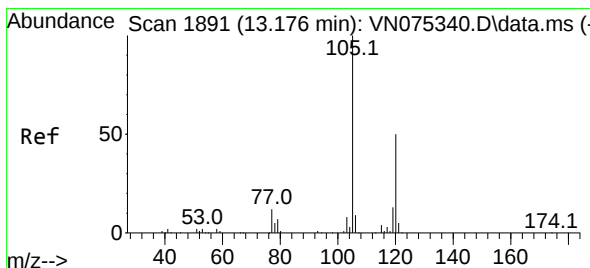
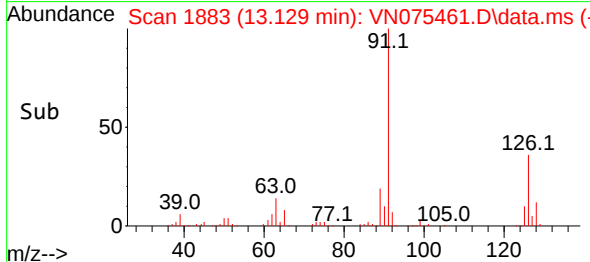
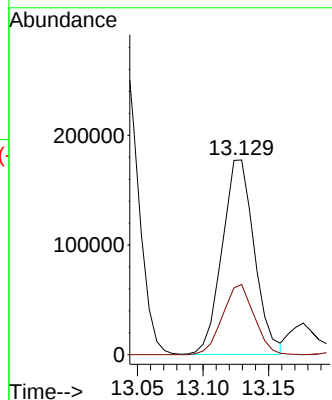
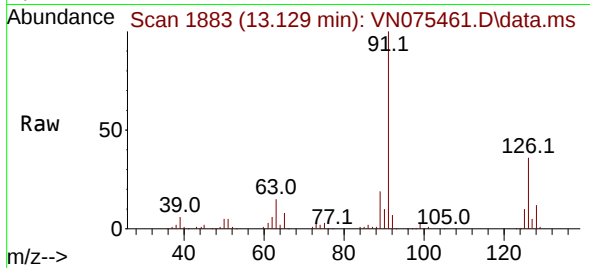
#79
2-Chlorotoluene
Concen: 49.686 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303652
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

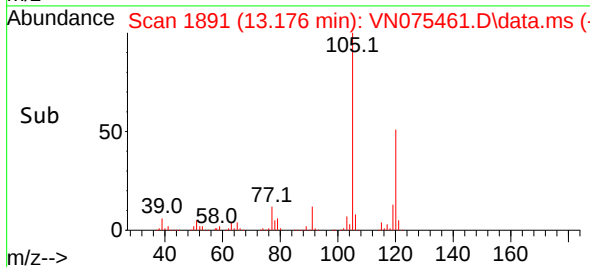
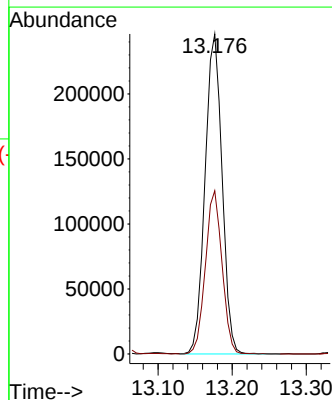
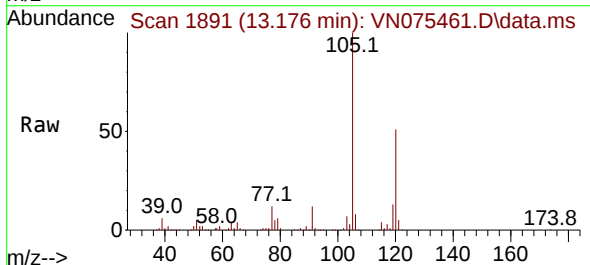
Manual Integrations
APPROVED

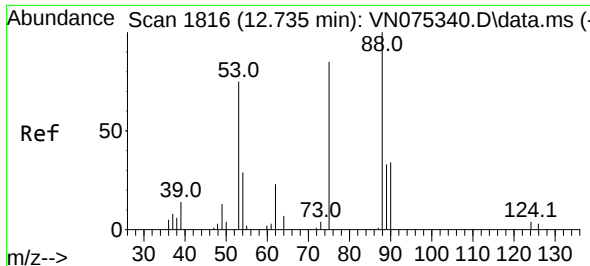
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.969 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

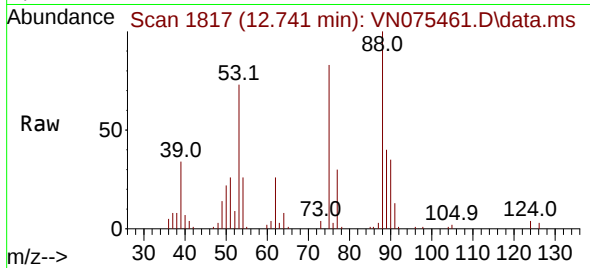
Tgt Ion:105 Resp: 392415
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.544 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

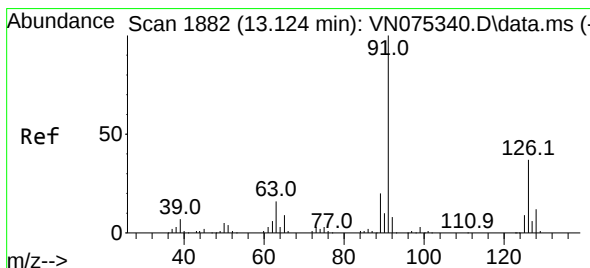
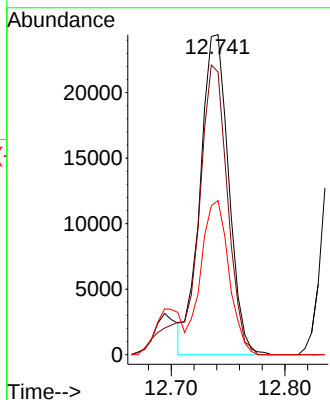
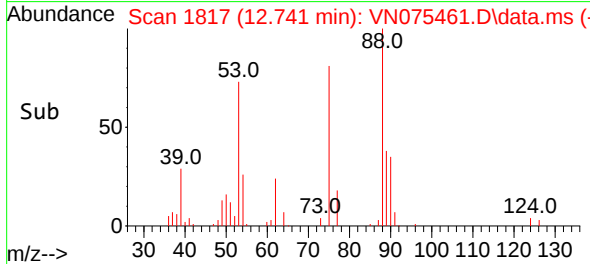
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4256
Ion Ratio Lower Upper
75 100
53 96.6 78.5 117.7
89 47.4 37.7 56.5

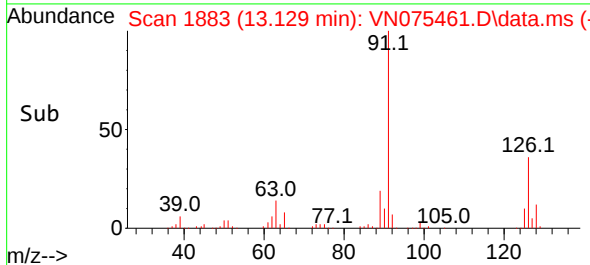
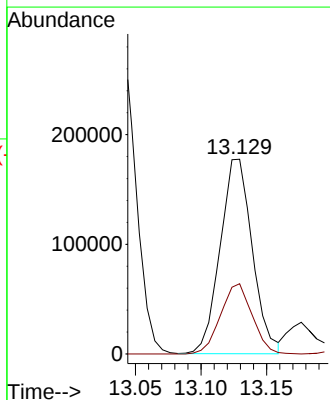
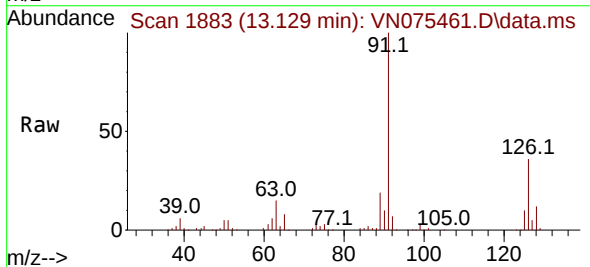
Manual Integrations
APPROVED

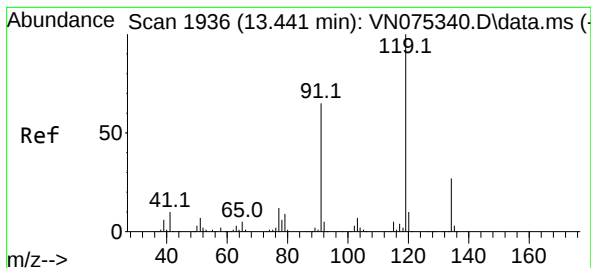
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#82
4-Chlorotoluene
Concen: 49.686 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

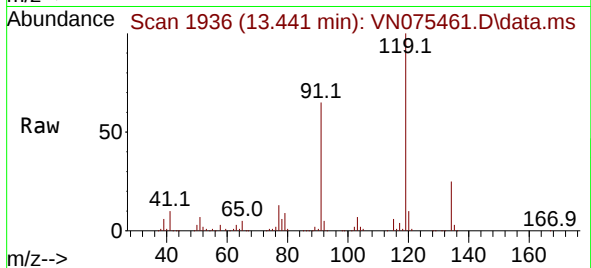
Tgt Ion: 91 Resp: 303652
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
 tert-Butylbenzene
 Concen: 49.368 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11

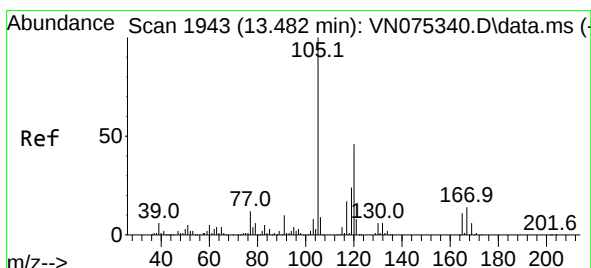
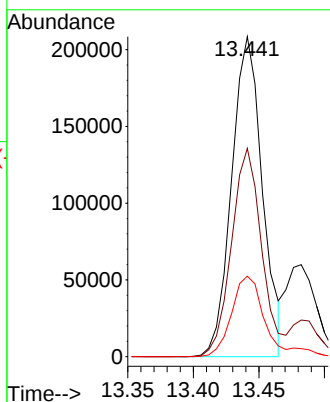
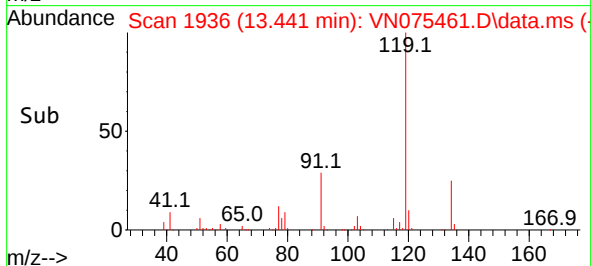
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



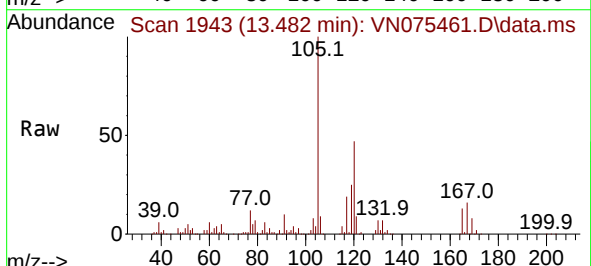
Tgt Ion:119 Resp: 33988
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.8 98.4
 134 27.8 12.3 36.9

Manual Integrations
 APPROVED

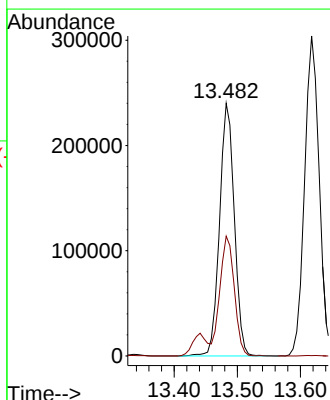
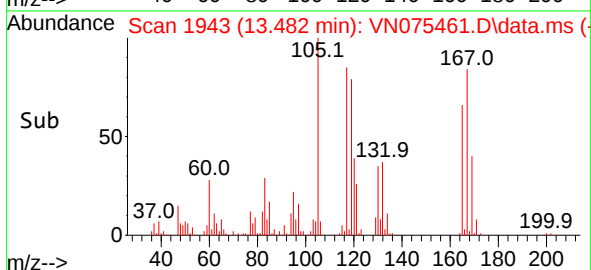
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

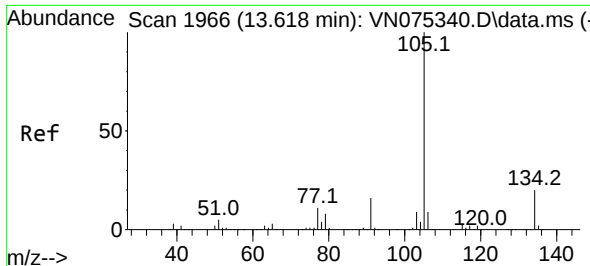


#84
 1,2,4-Trimethylbenzene
 Concen: 51.576 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11



Tgt Ion:105 Resp: 390642
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.7 68.1





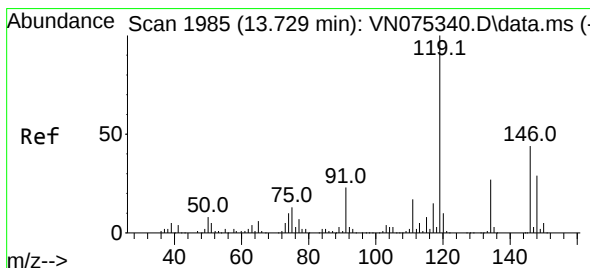
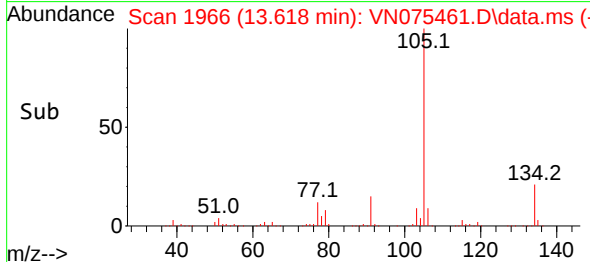
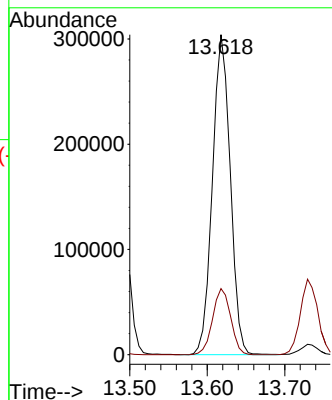
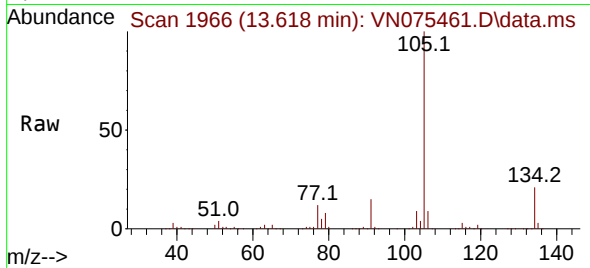
#85
 sec-Butylbenzene
 Concen: 52.099 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 486690
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

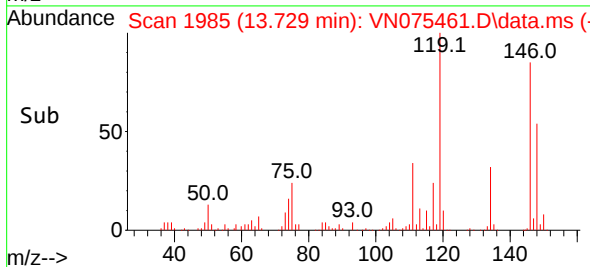
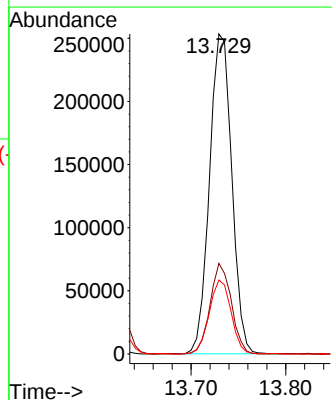
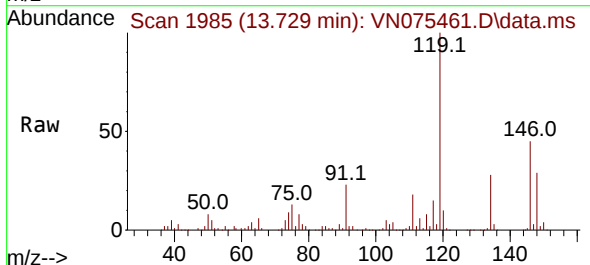
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#86
 p-Isopropyltoluene
 Concen: 52.483 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075461.D
 Acq: 28 Nov 2022 20:11

Tgt Ion:119 Resp: 412495
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.355 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 209829

Ion Ratio Lower Upper

146 100

111 39.0 20.8 62.5

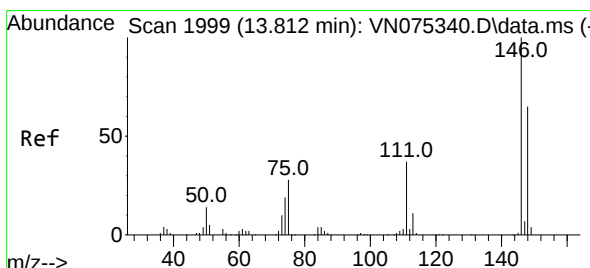
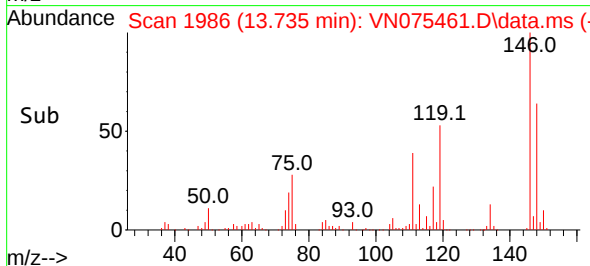
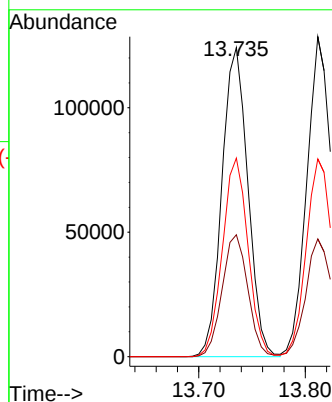
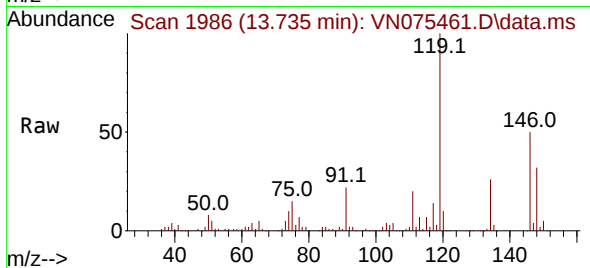
148 63.4 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#88

1,4-Dichlorobenzene

Concen: 48.290 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075461.D

Acq: 28 Nov 2022 20:11

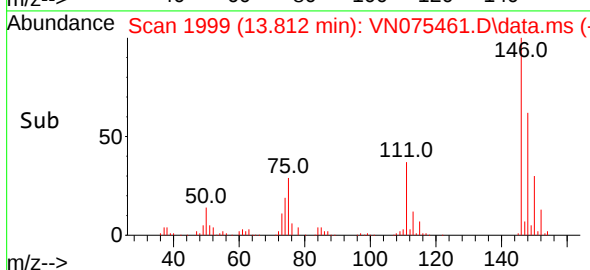
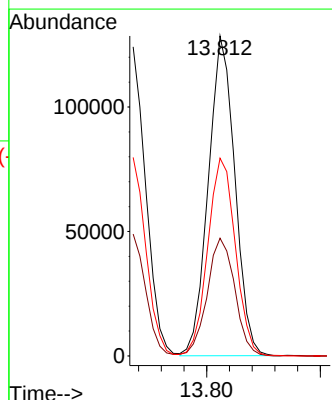
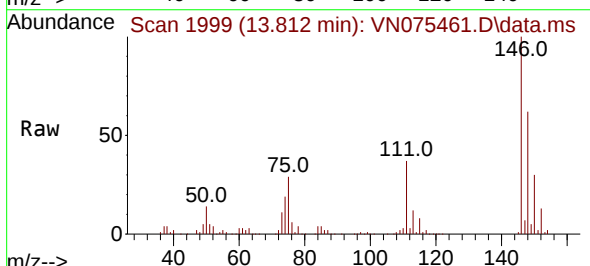
Tgt Ion:146 Resp: 208541

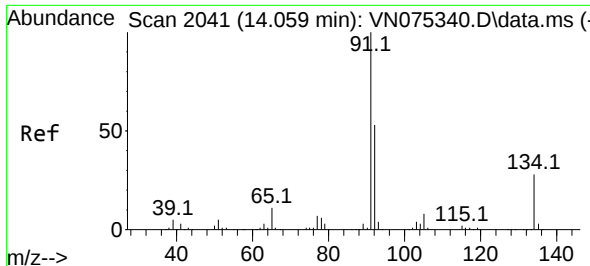
Ion Ratio Lower Upper

146 100

111 38.4 20.1 60.3

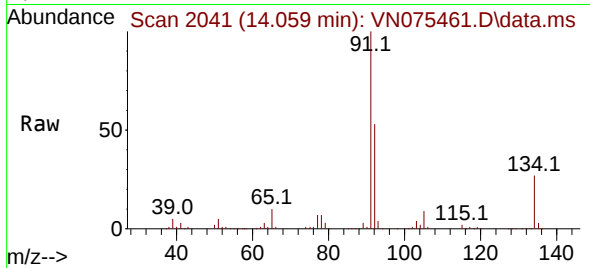
148 64.4 31.9 95.7





#89
n-Butylbenzene
Concen: 49.299 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

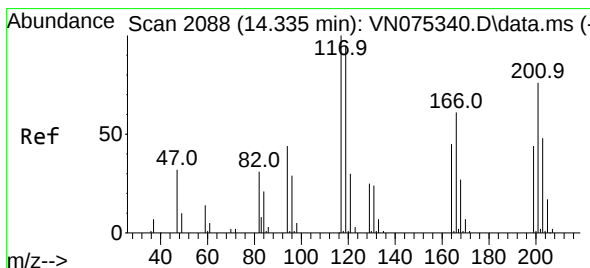
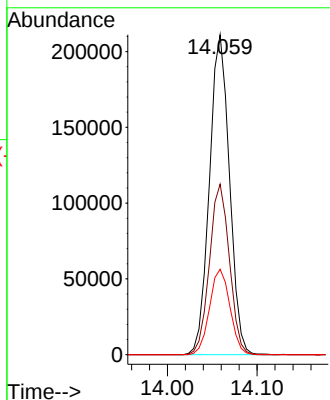
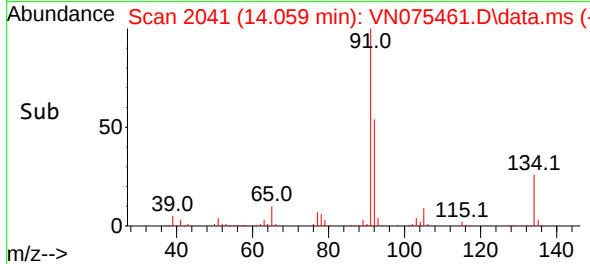
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 32725
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.3 13.0 39.0

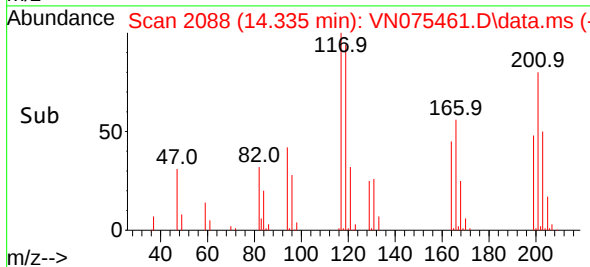
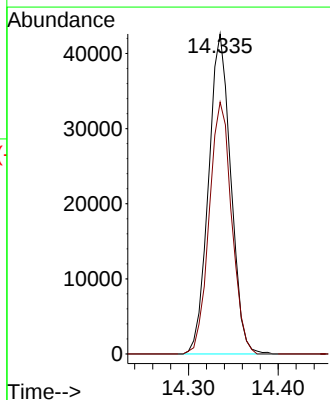
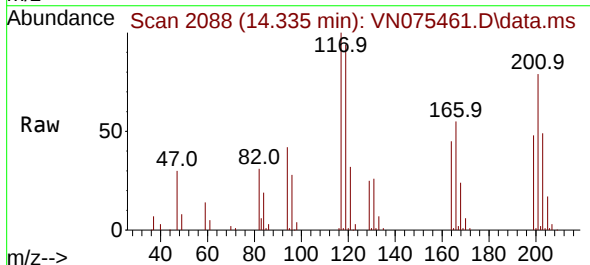
Manual Integrations
APPROVED

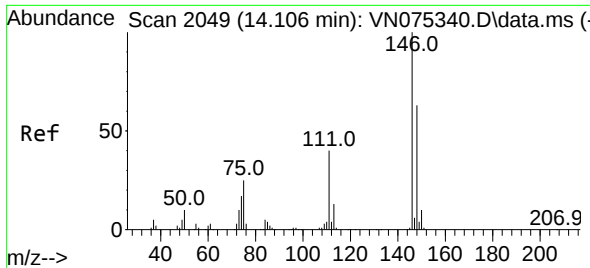
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#90
Hexachloroethane
Concen: 54.187 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

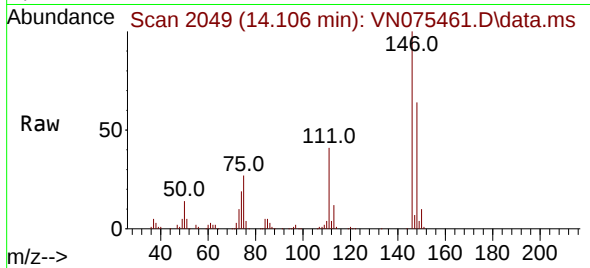
Tgt Ion:117 Resp: 73471
Ion Ratio Lower Upper
117 100
201 79.3 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 50.245 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

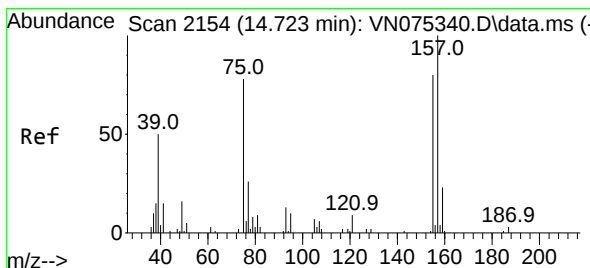
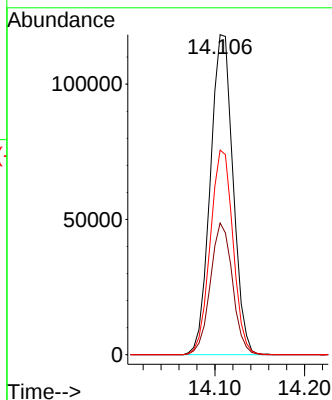
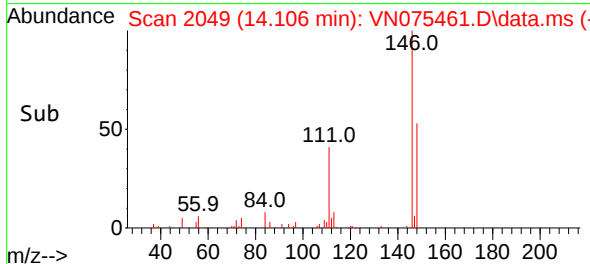
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



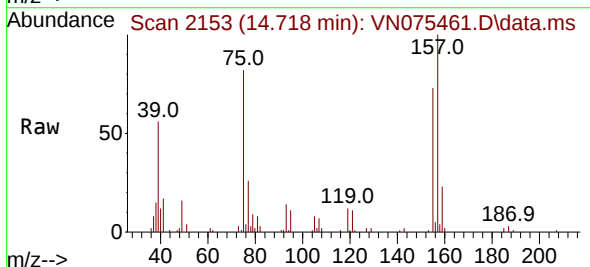
Tgt Ion:146 Resp: 208214
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 63.9 31.4 94.2

Manual Integrations
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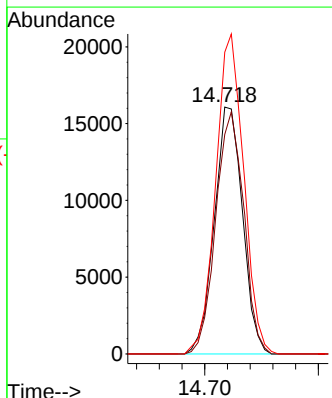
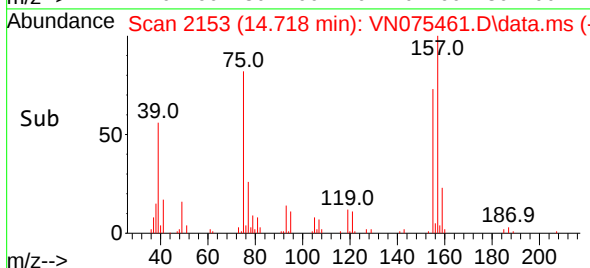
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

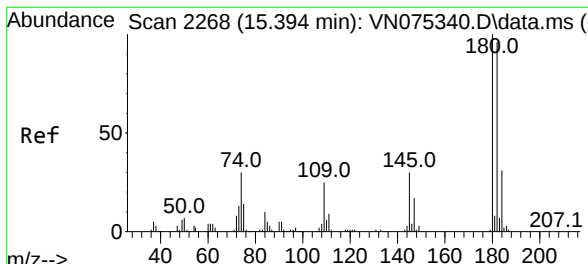


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.853 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. -0.005 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



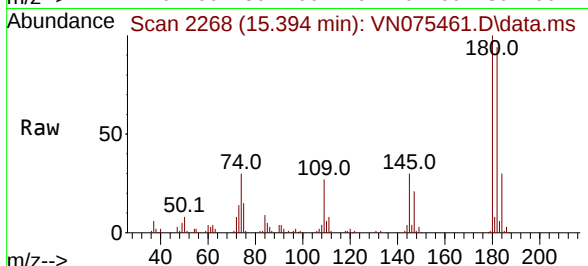
Tgt Ion: 75 Resp: 27742
Ion Ratio Lower Upper
75 100
155 97.3 42.1 126.3
157 128.5 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 49.330 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

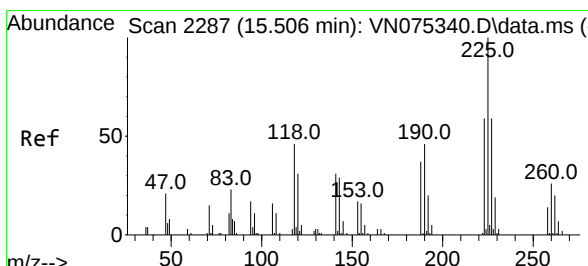
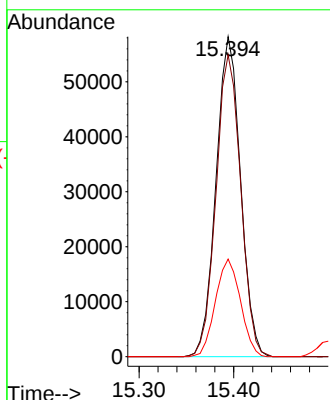
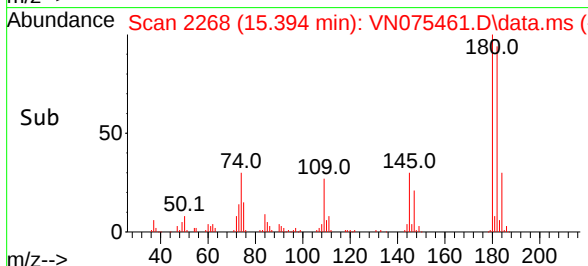
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 104760
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.4
145 31.1 16.8 50.3

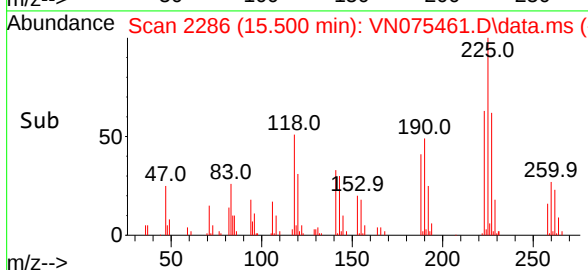
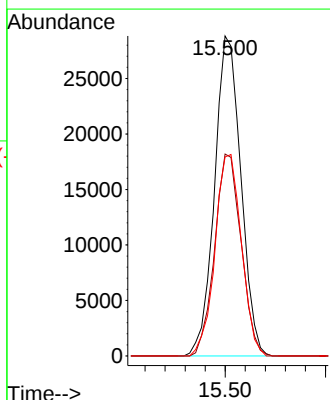
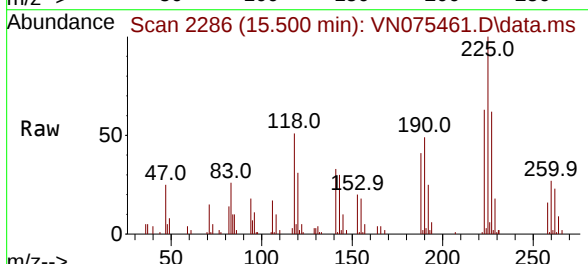
Manual Integrations
APPROVED

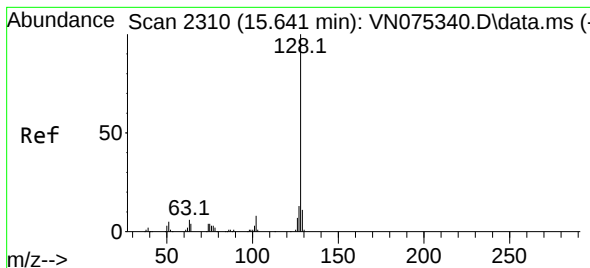
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#94
Hexachlorobutadiene
Concen: 47.542 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

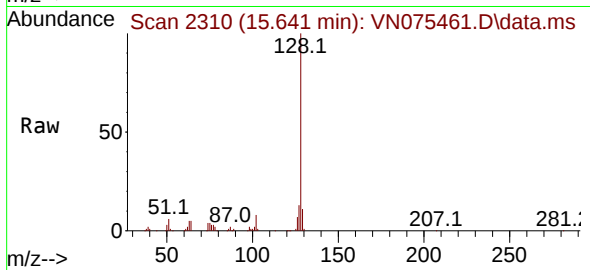
Tgt Ion:225 Resp: 52589
Ion Ratio Lower Upper
225 100
223 63.4 32.3 96.9
227 63.0 32.0 96.2





#95
Naphthalene
Concen: 52.207 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11

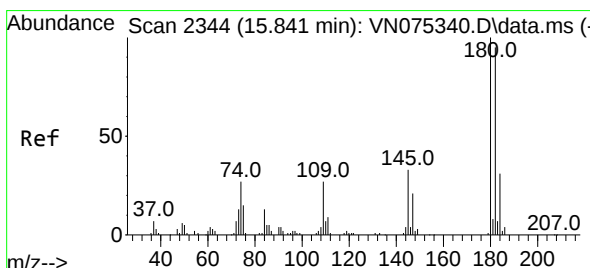
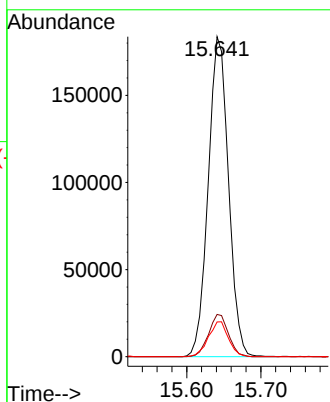
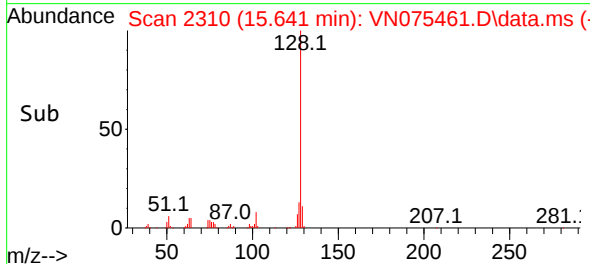
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



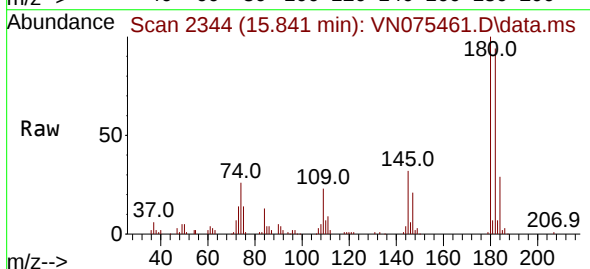
Tgt Ion:128 Resp: 34879
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.993 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075461.D
Acq: 28 Nov 2022 20:11



Tgt Ion:180 Resp: 102258
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 33.1 17.6 52.9

