

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075274.D
 Acq On : 15 Nov 2022 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 01:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	118553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	189914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71034	44.470	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.940%		
35) Dibromofluoromethane	8.165	113	61968	51.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.860%		
50) Toluene-d8	10.565	98	223759	47.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.740%		
62) 4-Bromofluorobenzene	12.847	95	87371	53.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	65601	42.536	ug/l	99
3) Chloromethane	2.371	50	66601	40.656	ug/l	100
4) Vinyl Chloride	2.530	62	96254	41.188	ug/l	98
5) Bromomethane	2.924	94	87839	52.778	ug/l	97
6) Chloroethane	3.100	64	68925	41.131	ug/l	97
7) Trichlorofluoromethane	3.494	101	121900	51.062	ug/l	96
8) Diethyl Ether	3.965	74	45481	52.232	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	71277	54.064	ug/l	98
10) Methyl Iodide	4.594	142	104259	53.119	ug/l	97
11) Tert butyl alcohol	5.536	59	68118	182.862	ug/l	99
12) 1,1-Dichloroethene	4.347	96	64894	51.639	ug/l	95
13) Acrolein	4.189	56	56234	184.560	ug/l	99
14) Allyl chloride	5.036	41	91601	49.908	ug/l	97
15) Acrylonitrile	5.730	53	180916	229.909	ug/l	99
16) Acetone	4.436	43	178893	264.493	ug/l	98
17) Carbon Disulfide	4.718	76	160674	50.842	ug/l	98
18) Methyl Acetate	5.030	43	99901	45.218	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	237589	50.867	ug/l	100
20) Methylene Chloride	5.283	84	77567	51.435	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	74173	53.906	ug/l	95
22) Diisopropyl ether	6.677	45	210494	51.968	ug/l	97
23) Vinyl Acetate	6.612	43	816292m	241.340	ug/l	
24) 1,1-Dichloroethane	6.571	63	130597	50.980	ug/l	98
25) 2-Butanone	7.488	43	246107	231.336	ug/l	99
26) 2,2-Dichloropropane	7.494	77	117223	49.741	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	88177	53.662	ug/l	97
28) Bromochloromethane	7.812	49	49172	45.535	ug/l	95
29) Tetrahydrofuran	7.841	42	156410	227.522	ug/l	98
30) Chloroform	7.971	83	144994	52.131	ug/l	100
31) Cyclohexane	8.259	56	115699	48.700	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	131749	52.162	ug/l	97
36) 1,1-Dichloropropene	8.371	75	106649	57.173	ug/l	98
37) Ethyl Acetate	7.565	43	93872	45.887	ug/l	99
38) Carbon Tetrachloride	8.365	117	117042	57.040	ug/l	98
39) Methylcyclohexane	9.600	83	144811	58.804	ug/l	98
40) Benzene	8.606	78	323400	56.622	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49453	50.457	ug/l	98
42) 1,2-Dichloroethane	8.671	62	109403	52.649	ug/l	96
43) Isopropyl Acetate	8.688	43	156540	49.332	ug/l	98
44) Trichloroethene	9.353	130	84963	59.292	ug/l	98
45) 1,2-Dichloropropane	9.623	63	77769	57.215	ug/l	99
46) Dibromomethane	9.706	93	57999	54.770	ug/l	96
47) Bromodichloromethane	9.888	83	113198	55.199	ug/l	99
48) Methyl methacrylate	9.682	41	72218	49.614	ug/l	98
49) 1,4-Dioxane	9.694	88	39852	1045.535	ug/l #	86
51) 4-Methyl-2-Pentanone	10.441	43	488265	238.448	ug/l	98
52) Toluene	10.629	92	218529	57.237	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	119726	55.313	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	130720	56.939	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	84089	55.546	ug/l	97
56) Ethyl methacrylate	10.870	69	122205	52.921	ug/l	99
57) 1,3-Dichloropropane	11.165	76	138568	54.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	228225	255.647	ug/l	99
59) 2-Hexanone	11.194	43	372335	239.580	ug/l	98
60) Dibromochloromethane	11.359	129	91987	57.593	ug/l	99
61) 1,2-Dibromoethane	11.470	107	85953	55.403	ug/l	100
64) Tetrachloroethene	11.106	164	76112	65.370	ug/l	96
65) Chlorobenzene	11.888	112	231378	57.077	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	85691	56.984	ug/l	98
67) Ethyl Benzene	11.965	91	425350	58.321	ug/l	97
68) m/p-Xylenes	12.070	106	339268	115.933	ug/l	98
69) o-Xylene	12.400	106	168713	58.296	ug/l	96
70) Styrene	12.412	104	277545	60.145	ug/l	98
71) Bromoform	12.576	173	67693	60.125	ug/l #	97
73) Isopropylbenzene	12.694	105	441317	51.925	ug/l	98
74) N-amyl acetate	12.494	43	140765	44.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	126785	51.746	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103829m	46.191	ug/l	
77) Bromobenzene	12.982	156	100564	53.737	ug/l	91
78) n-propylbenzene	13.035	91	505516	52.977	ug/l	100
79) 2-Chlorotoluene	13.123	91	292968	50.243	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	385236	53.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38786	44.293	ug/l	94
82) 4-Chlorotoluene	13.123	91	292968	50.243	ug/l	97
83) tert-Butylbenzene	13.435	119	336740	53.088	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	386456	53.506	ug/l	98
85) sec-Butylbenzene	13.617	105	488245	55.023	ug/l	100
86) p-Isopropyltoluene	13.729	119	424953	57.988	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	215416	58.791	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	211167	58.232	ug/l	98
89) n-Butylbenzene	14.053	91	354265	60.032	ug/l	99
90) Hexachloroethane	14.329	117	68138	50.712	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	208945	57.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25731	44.883	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	107435	68.539	ug/l	98
94) Hexachlorobutadiene	15.500	225	50980	66.714	ug/l	99
95) Naphthalene	15.641	128	348485	57.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103283	66.314	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 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

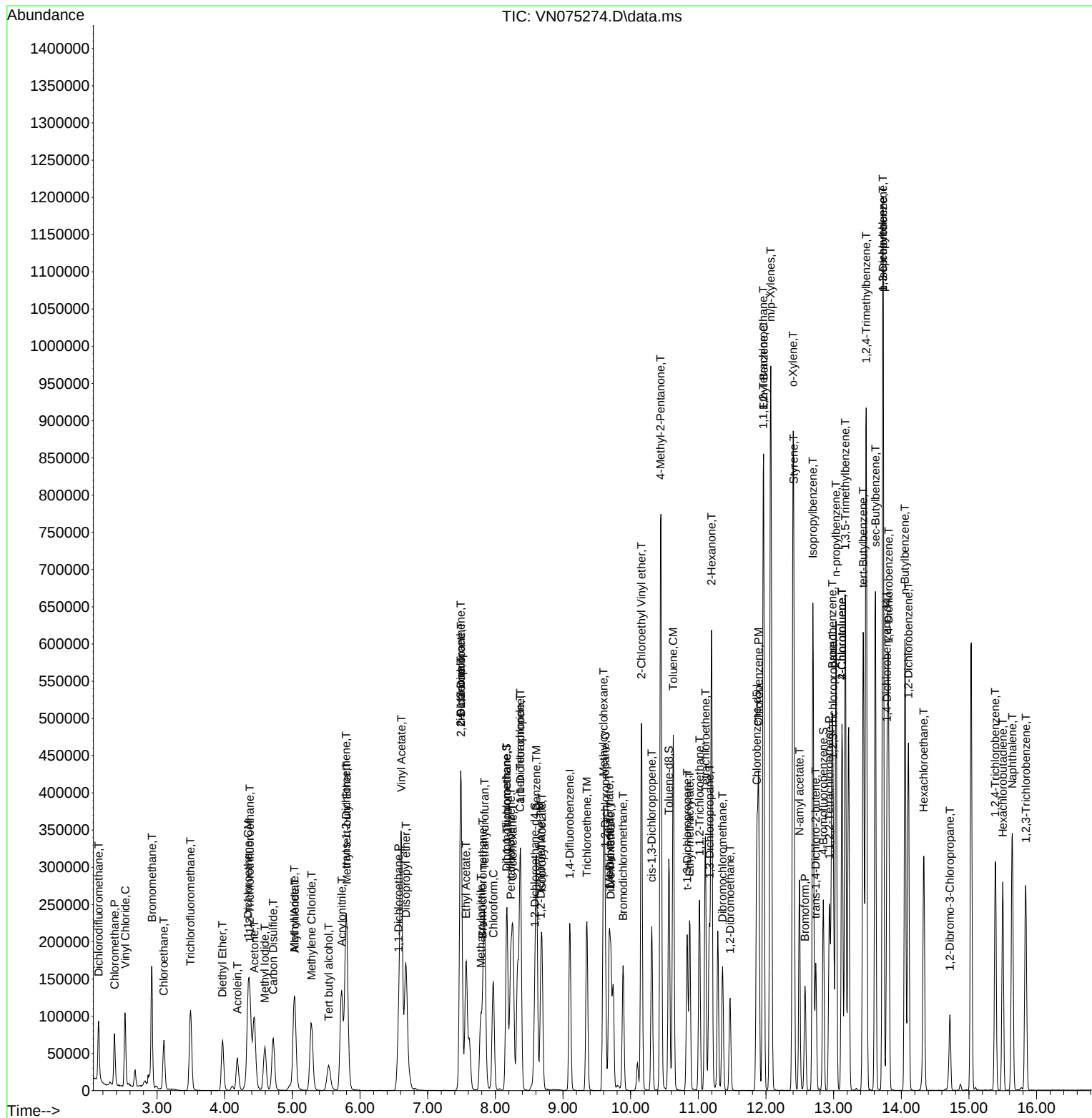
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Data File : VN075274.D
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Sample : VSTDCCC050
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ALS Vial : 2 Sample Multiplier: 1

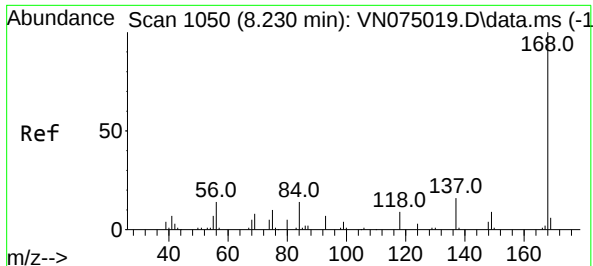
Instrument :
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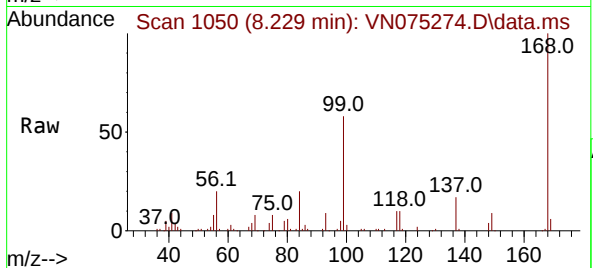
Reviewed By : John Carlone 11/16/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

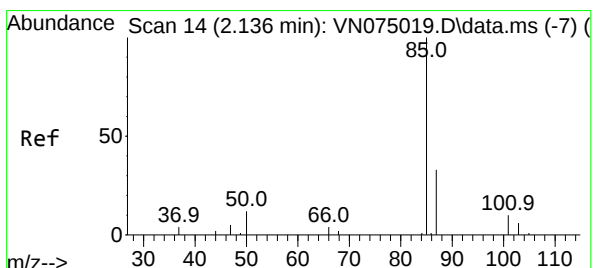
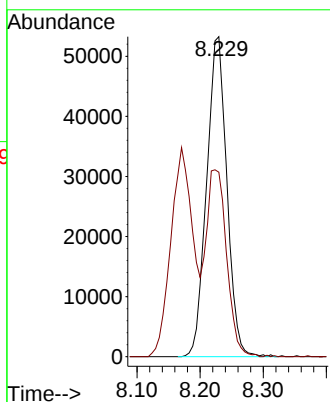
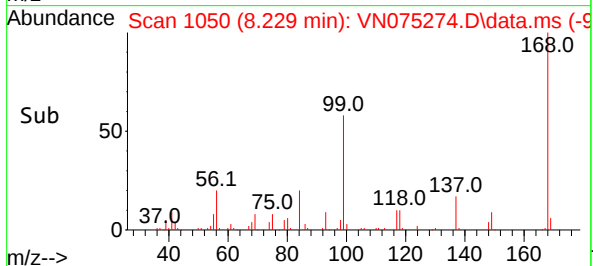
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11855
Ion Ratio Lower Upper
168 100
99 57.7 51.6 77.4

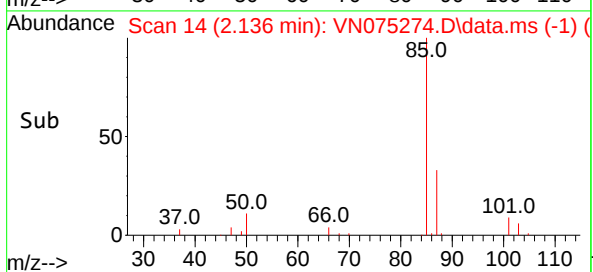
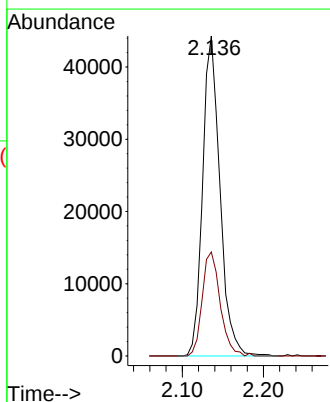
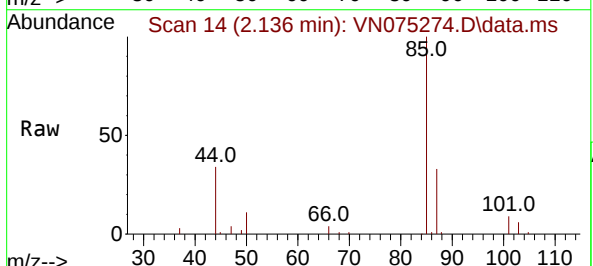
Manual Integrations
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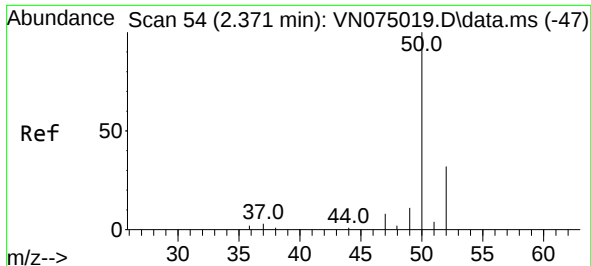
Reviewed By :John Carlone 11/16/2022
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#2
Dichlorodifluoromethane
Concen: 42.536 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 85 Resp: 65601
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0





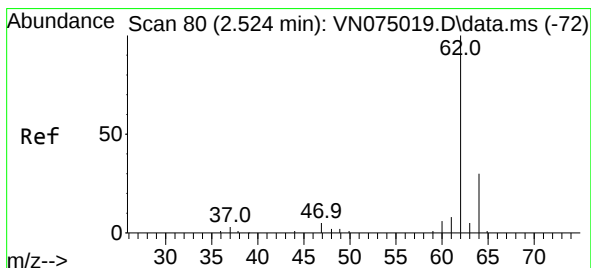
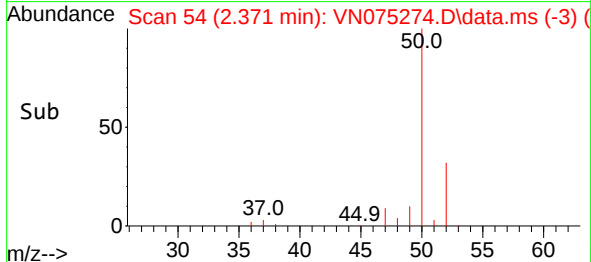
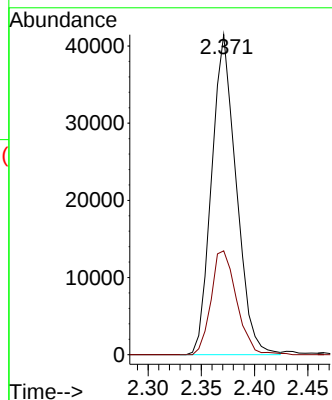
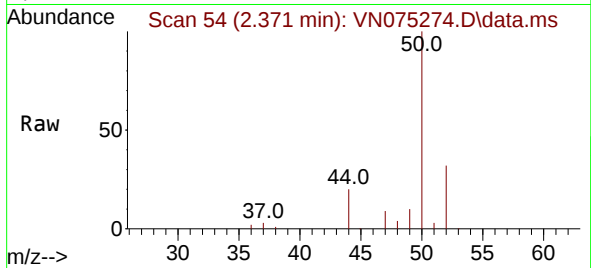
#3
Chloromethane
Concen: 40.656 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
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VSTDCCC050

Tgt Ion: 50 Resp: 6660
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6

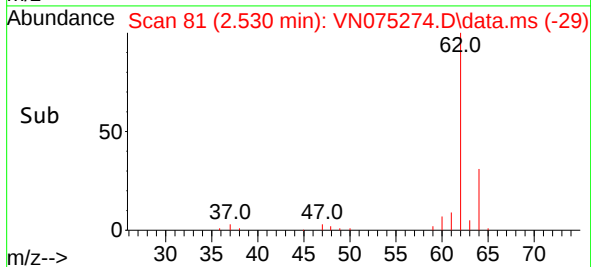
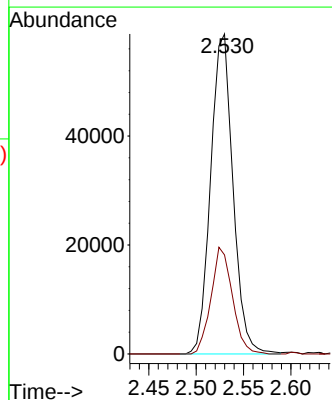
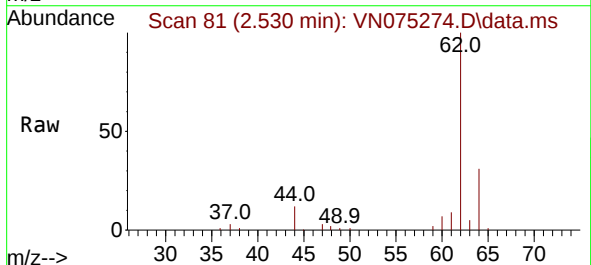
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#4
Vinyl Chloride
Concen: 41.188 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

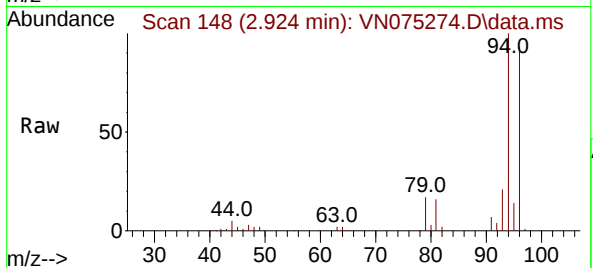
Tgt Ion: 62 Resp: 96254
Ion Ratio Lower Upper
62 100
64 30.9 24.0 36.0





#5
Bromomethane
Concen: 52.778 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

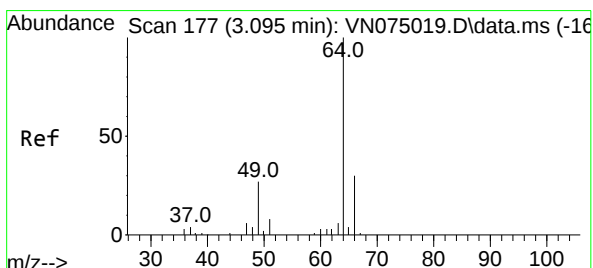
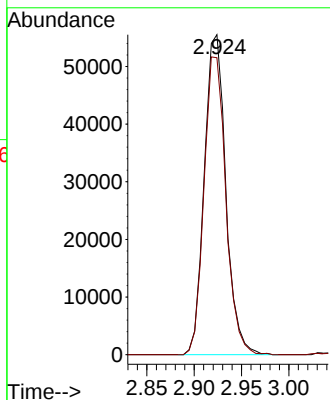
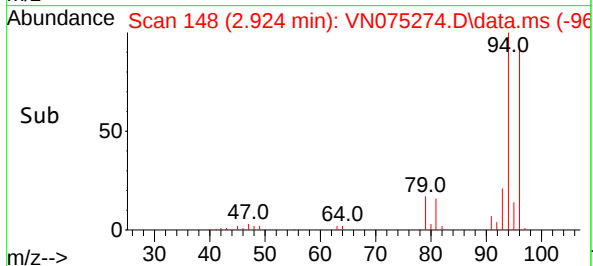
Instrument :
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Tgt Ion: 94 Resp: 87839
Ion Ratio Lower Upper
94 100
96 92.8 71.8 107.6

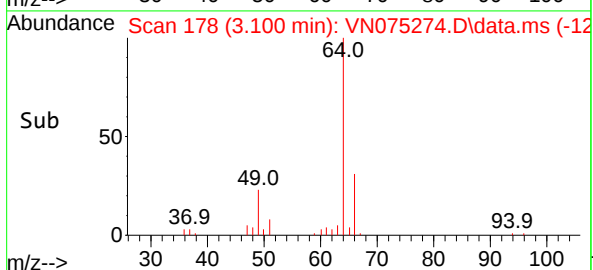
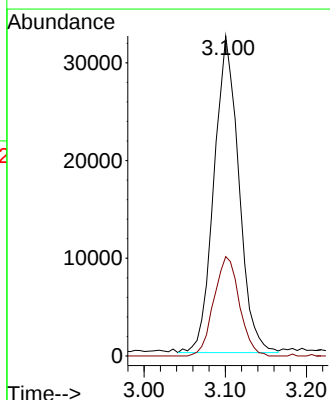
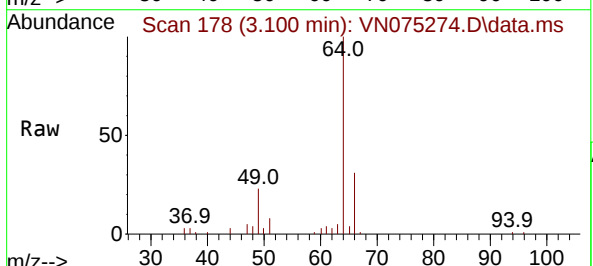
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#6
Chloroethane
Concen: 41.131 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.005 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

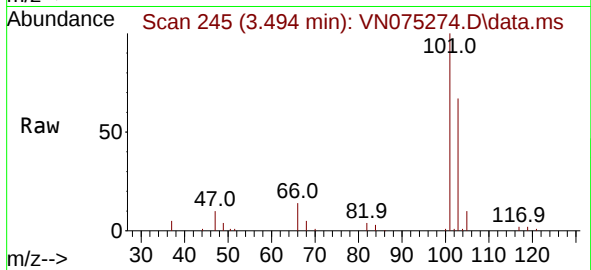
Tgt Ion: 64 Resp: 68925
Ion Ratio Lower Upper
64 100
66 31.4 23.8 35.8





#7
Trichlorofluoromethane
Concen: 51.062 ug/l
RT: 3.494 min Scan# 244
Delta R.T. 0.005 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

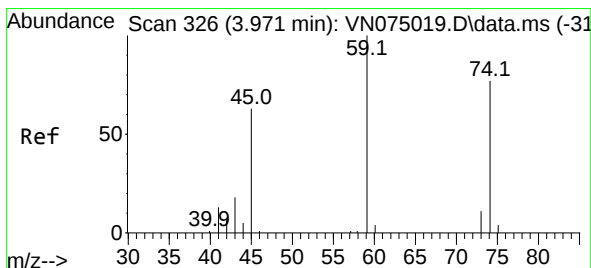
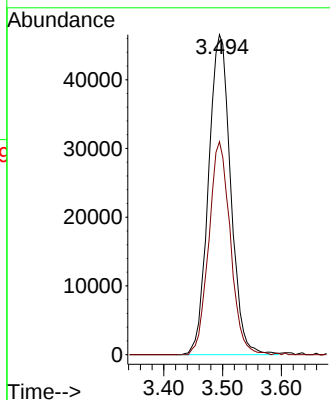
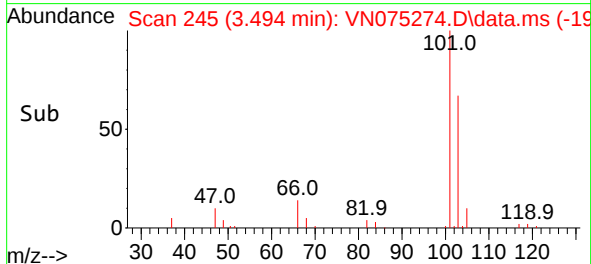
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 121900
Ion Ratio Lower Upper
101 100
103 66.5 50.5 75.7

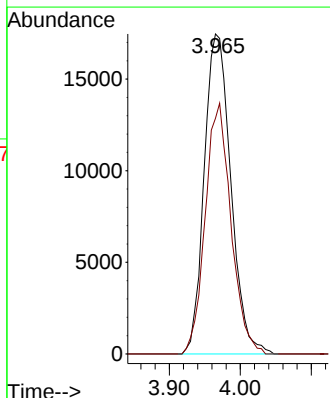
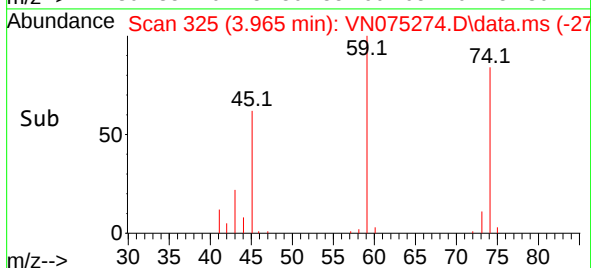
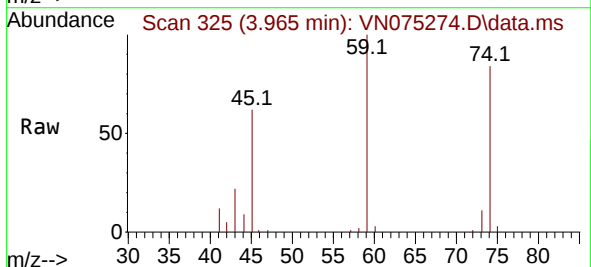
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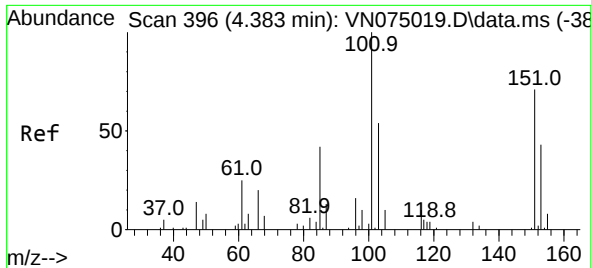
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#8
Diethyl Ether
Concen: 52.232 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 74 Resp: 45481
Ion Ratio Lower Upper
74 100
45 75.9 39.3 117.9





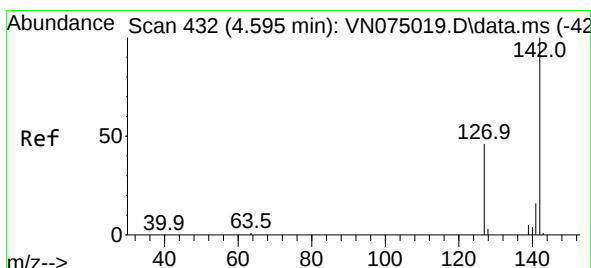
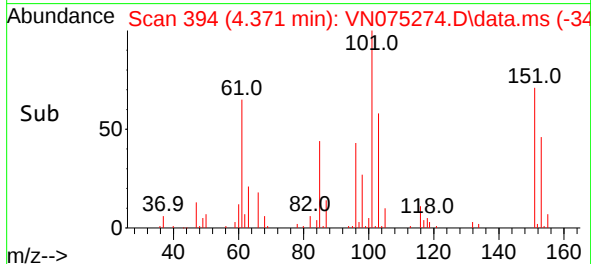
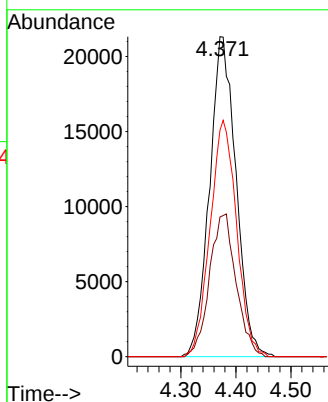
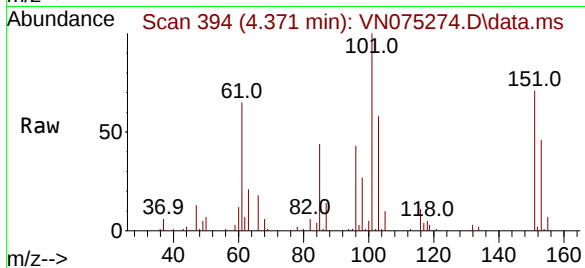
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.064 ug/l
RT: 4.371 min Scan# 394
Delta R.T. -0.012 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7127
Ion Ratio Lower Upper
101 100
85 44.8 37.6 56.4
151 73.9 58.3 87.5

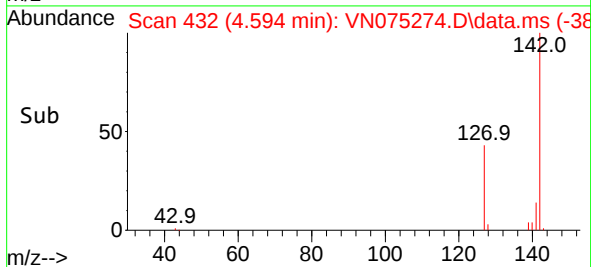
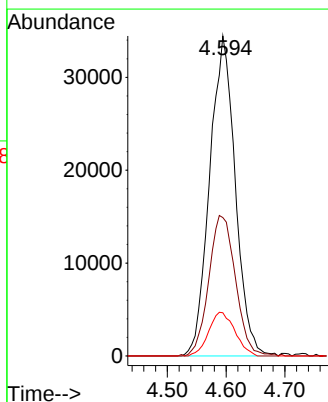
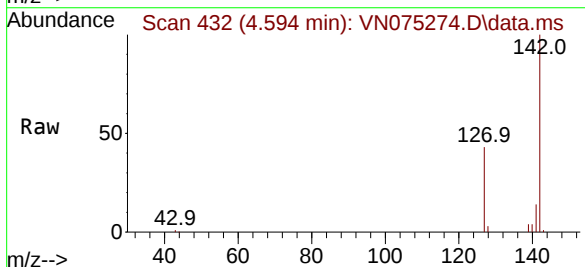
Manual Integrations
APPROVED

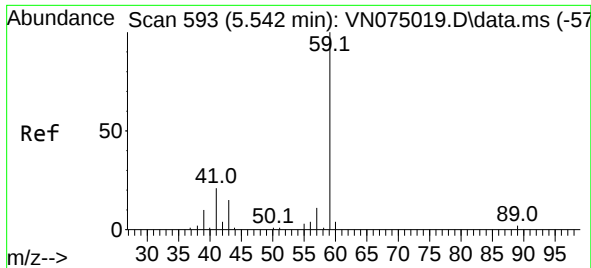
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#10
Methyl Iodide
Concen: 53.119 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion:142 Resp: 104259
Ion Ratio Lower Upper
142 100
127 45.9 38.0 57.0
141 14.0 12.2 18.4





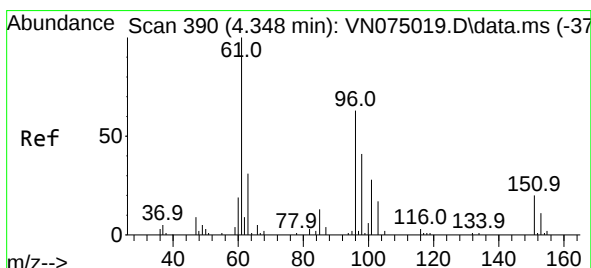
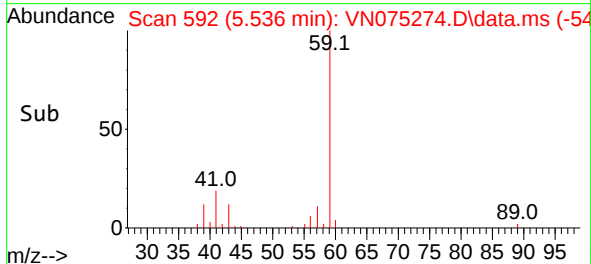
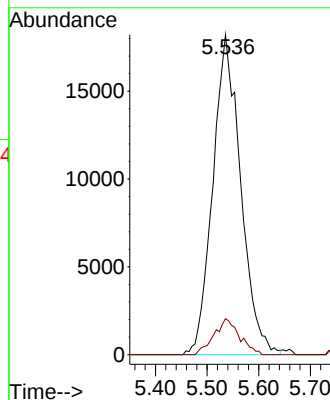
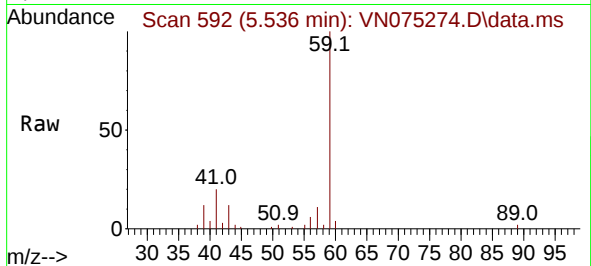
#11
Tert butyl alcohol
Concen: 182.862 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 68118
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

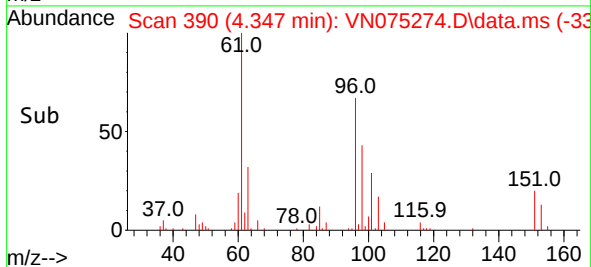
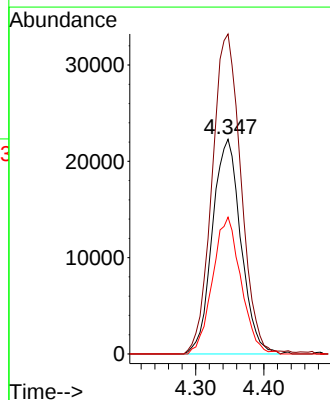
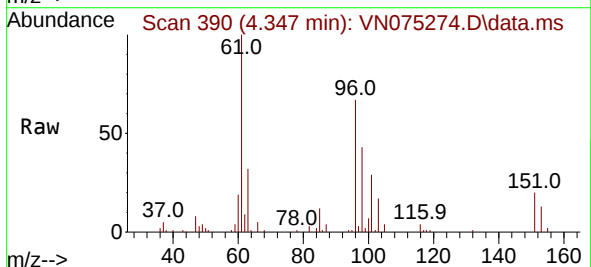
Manual Integrations
APPROVED

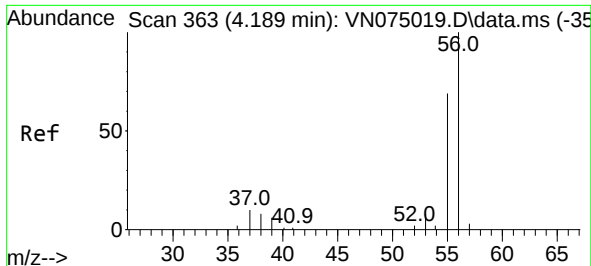
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#12
1,1-Dichloroethene
Concen: 51.639 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

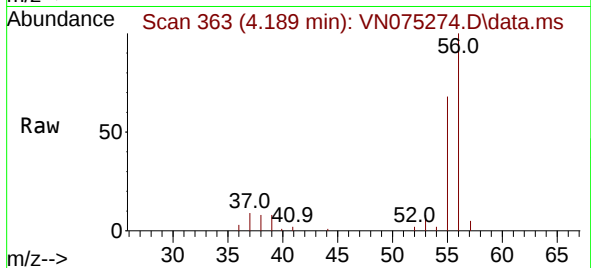
Tgt Ion: 96 Resp: 64894
Ion Ratio Lower Upper
96 100
61 149.1 126.2 189.4
98 63.7 51.5 77.3





#13
Acrolein
Concen: 184.560 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

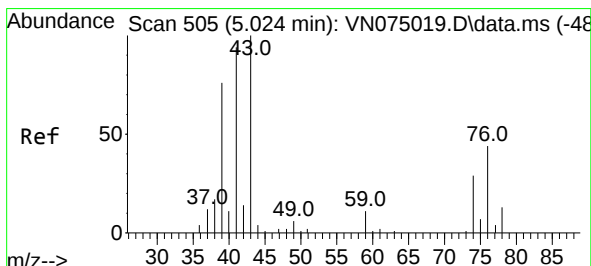
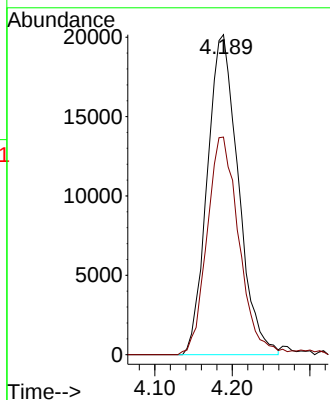
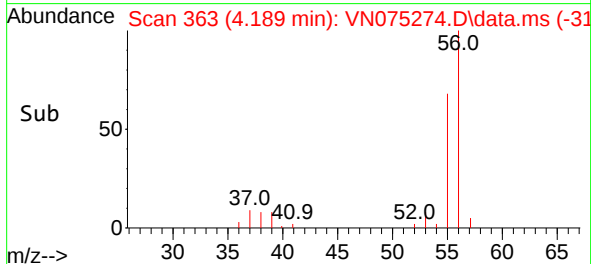
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



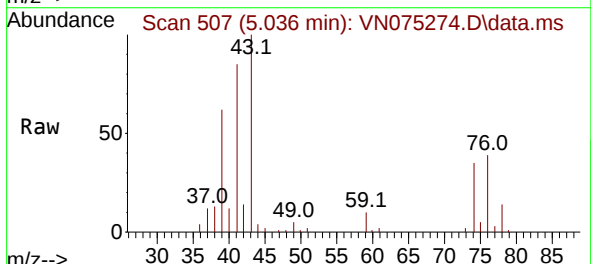
Tgt Ion: 56 Resp: 56234
Ion Ratio Lower Upper
56 100
55 70.0 55.2 82.8

Manual Integrations
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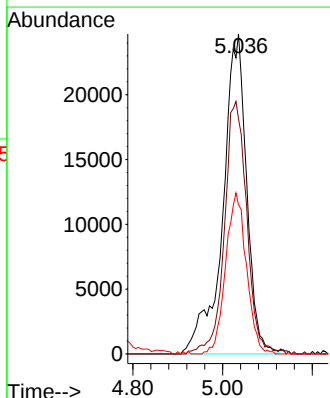
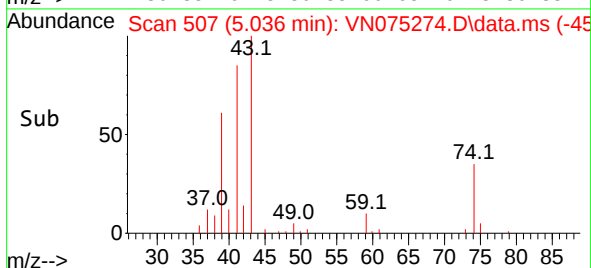
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

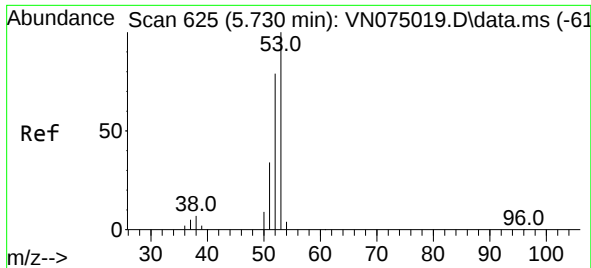


#14
Allyl chloride
Concen: 49.908 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



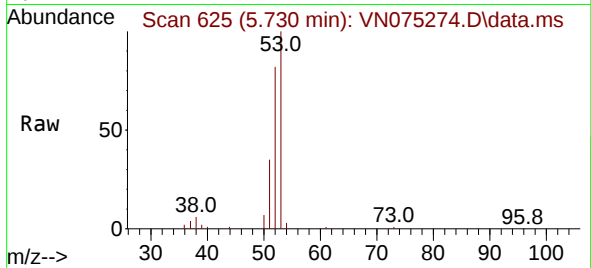
Tgt Ion: 41 Resp: 91601
Ion Ratio Lower Upper
41 100
39 73.4 61.0 91.4
76 43.7 33.4 50.0





#15
Acrylonitrile
Concen: 229.909 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

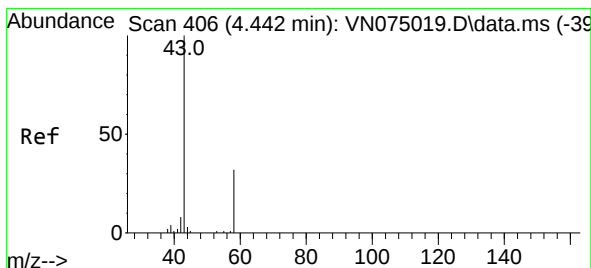
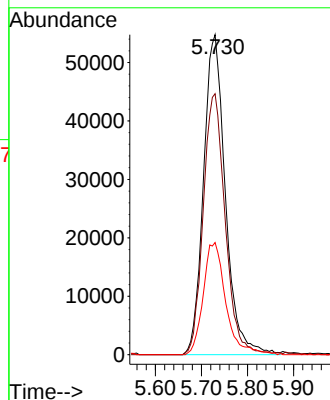
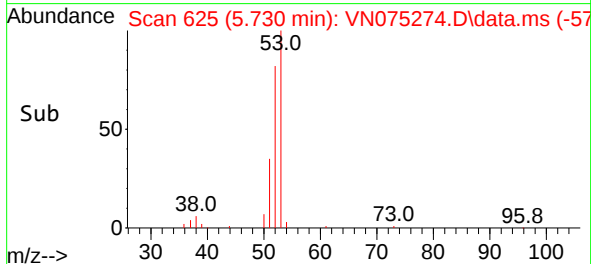
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 180910
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 36.2 29.6 44.4

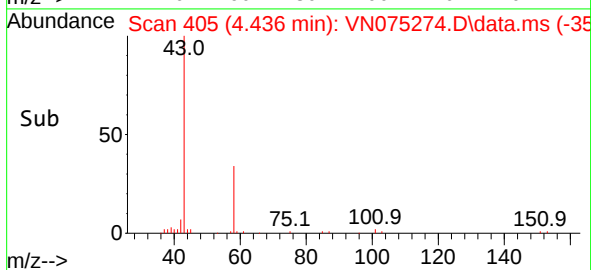
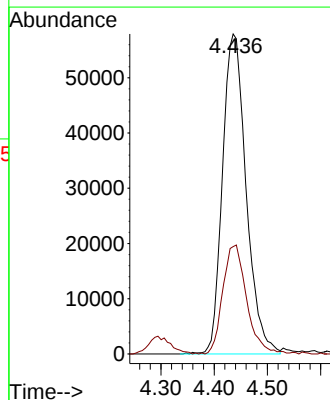
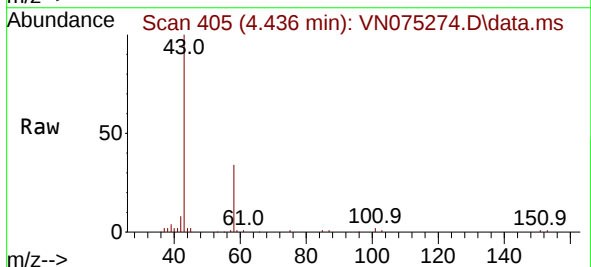
Manual Integrations
APPROVED

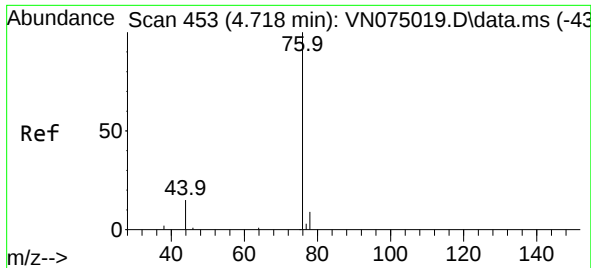
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#16
Acetone
Concen: 264.493 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

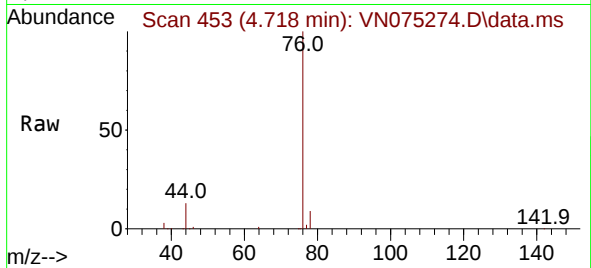
Tgt Ion: 43 Resp: 178893
Ion Ratio Lower Upper
43 100
58 32.8 25.5 38.3





#17
Carbon Disulfide
Concen: 50.842 ug/l
RT: 4.718 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

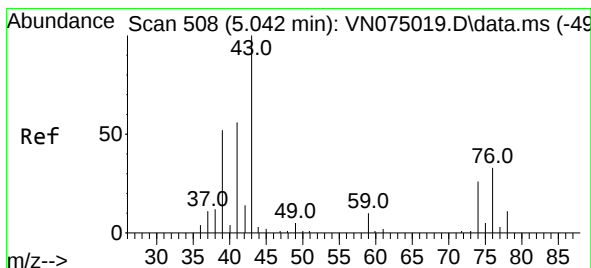
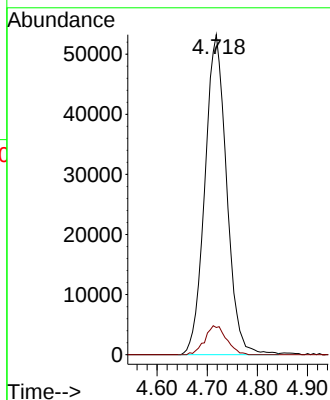
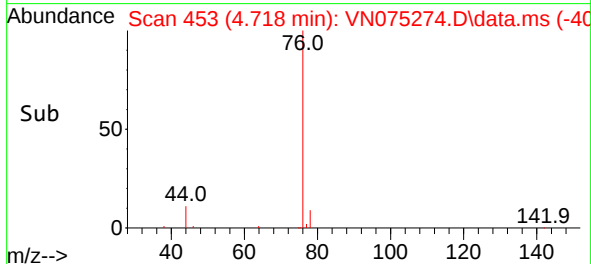
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 160674
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

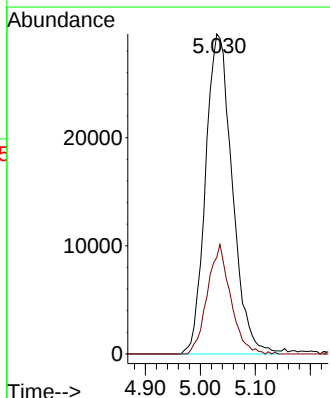
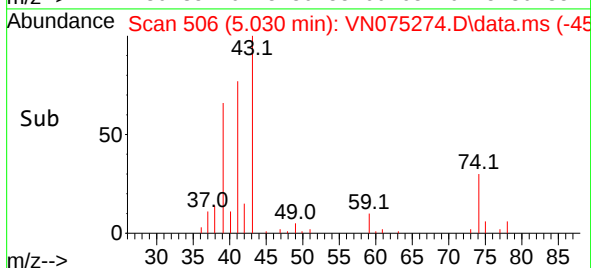
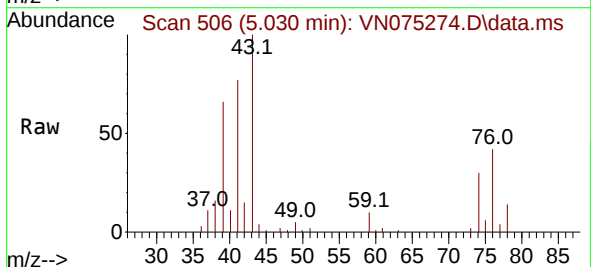
Manual Integrations
APPROVED

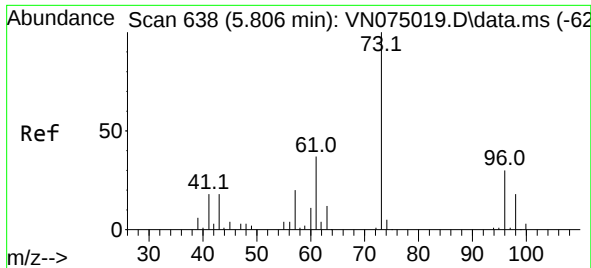
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#18
Methyl Acetate
Concen: 45.218 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 43 Resp: 99901
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0





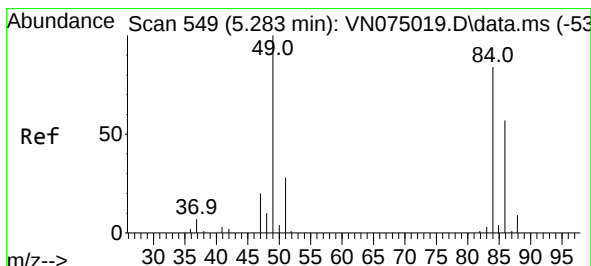
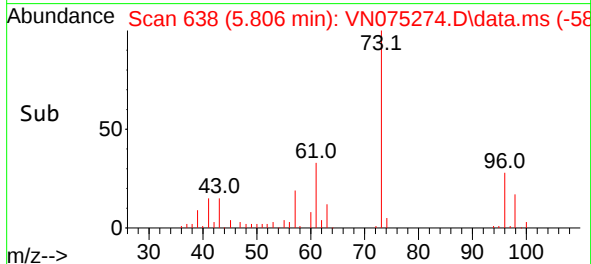
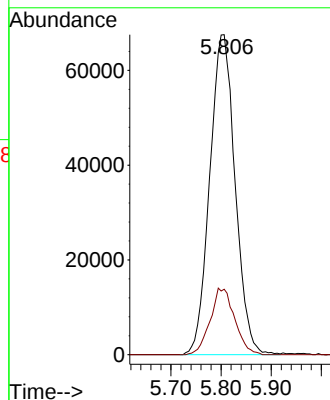
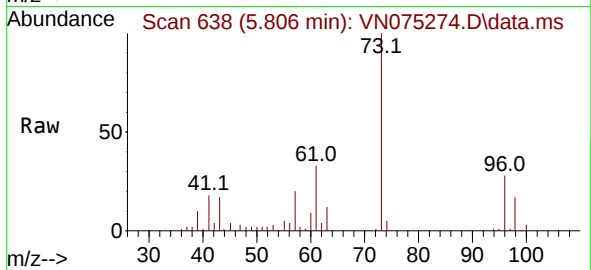
#19
Methyl tert-butyl Ether
Concen: 50.867 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 237589
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

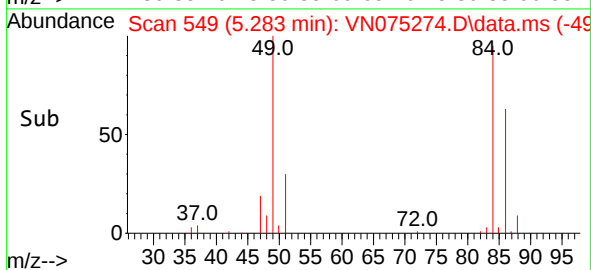
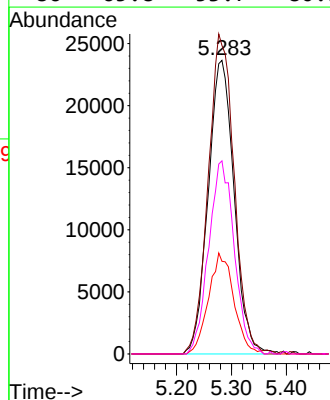
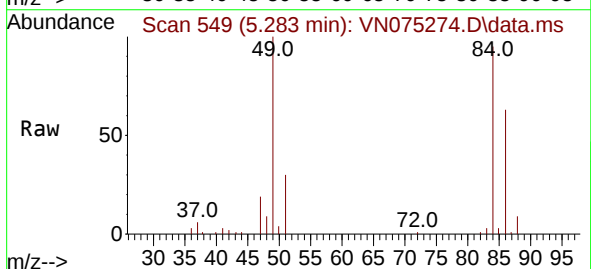
Manual Integrations
APPROVED

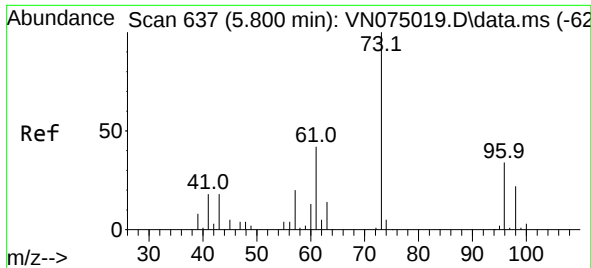
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#20
Methylene Chloride
Concen: 51.435 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 84 Resp: 77567
Ion Ratio Lower Upper
84 100
49 105.0 94.9 142.3
51 31.5 26.8 40.2
86 65.8 53.7 80.5





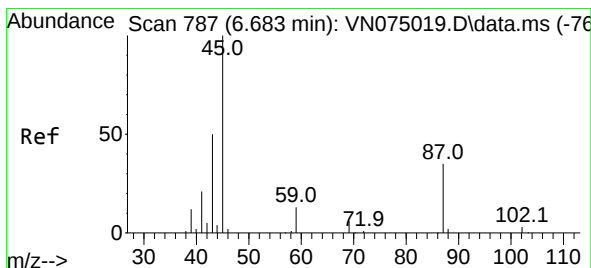
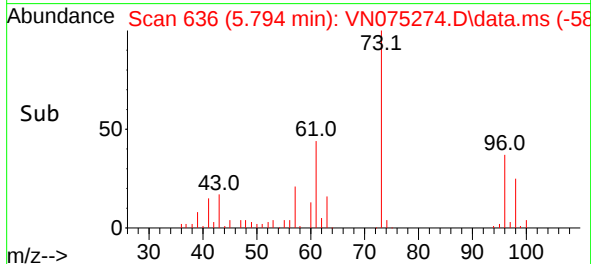
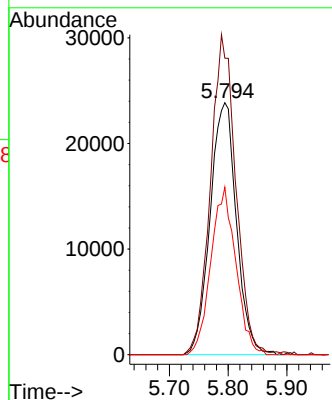
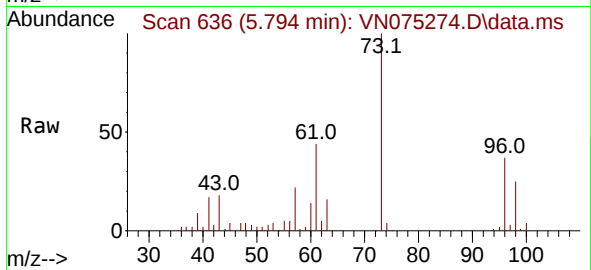
#21
trans-1,2-Dichloroethene
Concen: 53.906 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7417
Ion Ratio Lower Upper
96 100
61 117.6 99.9 149.9
98 66.5 51.5 77.3

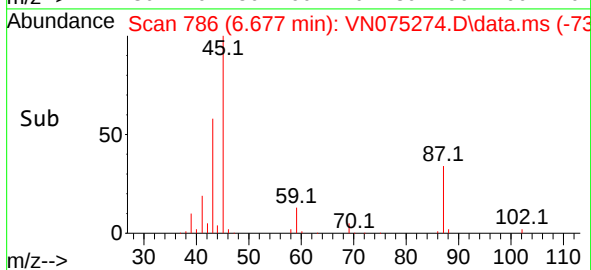
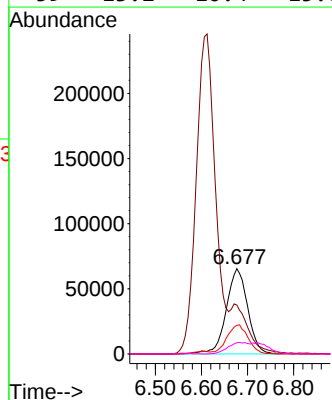
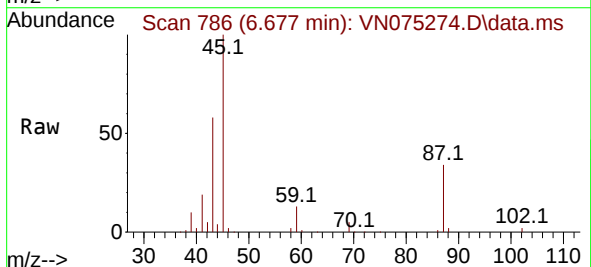
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#22
Diisopropyl ether
Concen: 51.968 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 45 Resp: 210494
Ion Ratio Lower Upper
45 100
43 56.1 42.8 64.2
87 33.6 28.4 42.6
59 13.2 10.4 15.6





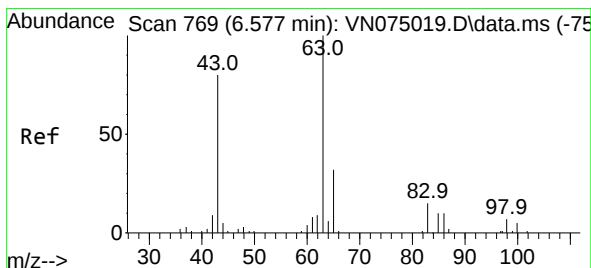
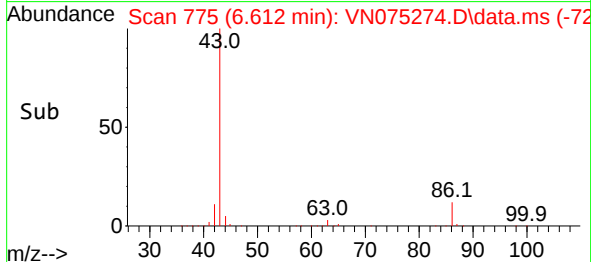
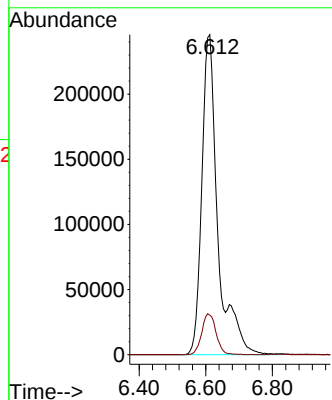
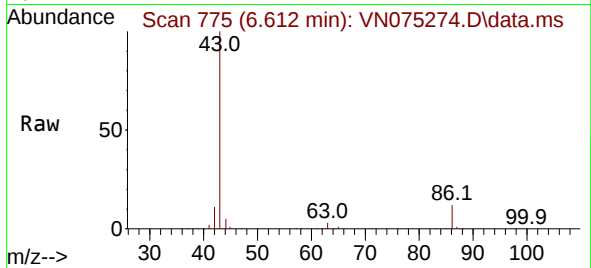
#23
 Vinyl Acetate
 Concen: 241.340 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 816292
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.7 16.1

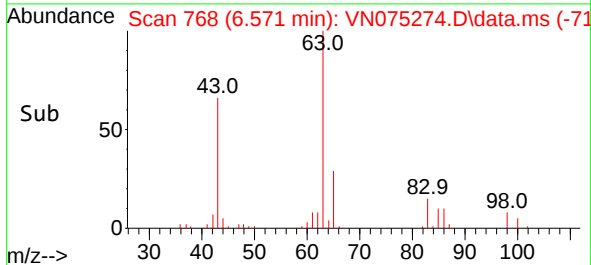
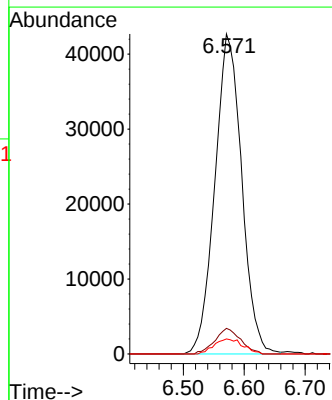
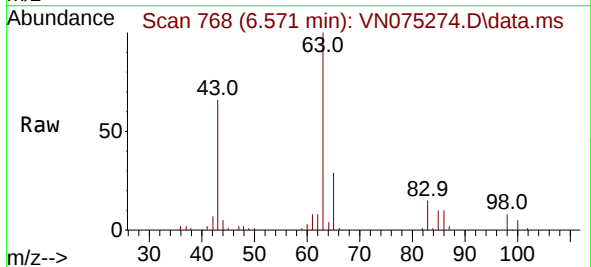
Manual Integrations
 APPROVED

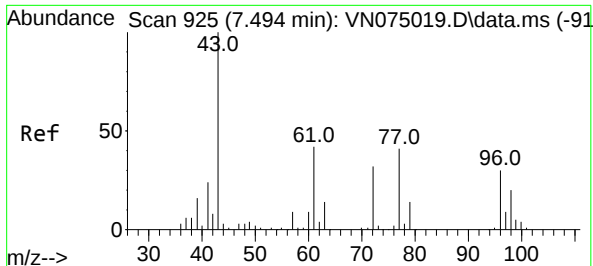
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#24
 1,1-Dichloroethane
 Concen: 50.980 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Tgt Ion: 63 Resp: 130597
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.7 2.4 7.2





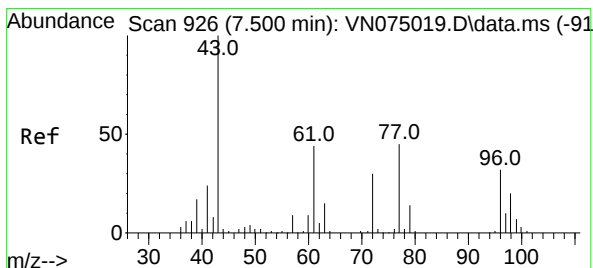
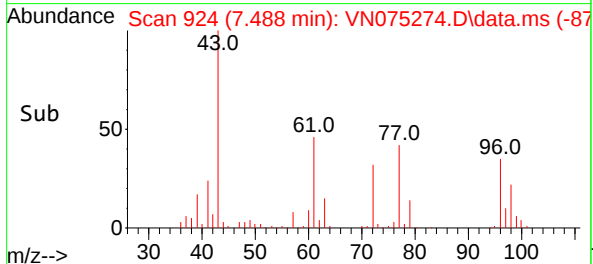
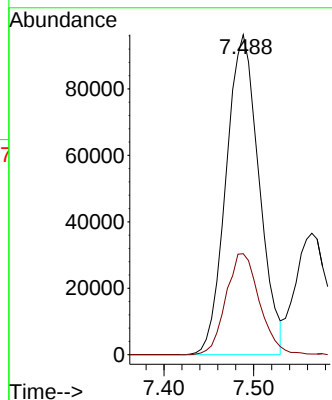
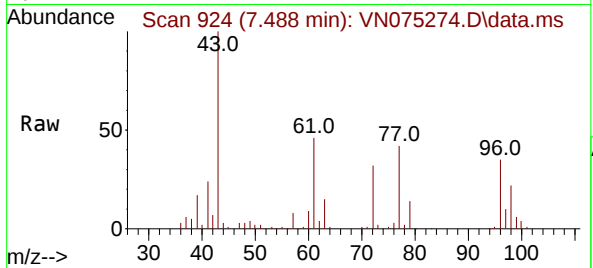
#25
2-Butanone
Concen: 231.336 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 24610
Ion Ratio Lower Upper
43 100
72 31.6 25.5 38.3

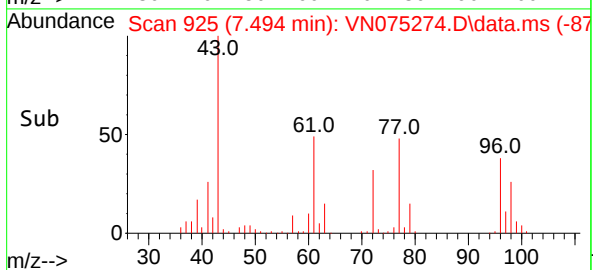
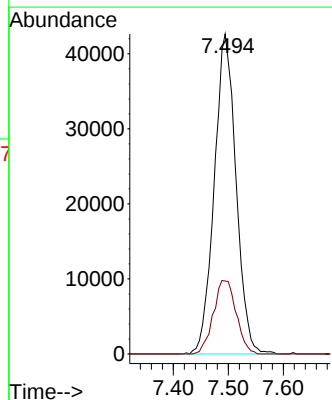
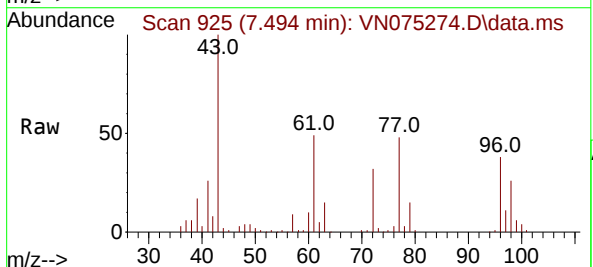
Manual Integrations
APPROVED

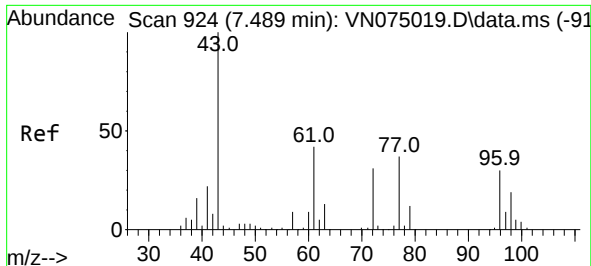
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#26
2,2-Dichloropropane
Concen: 49.741 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 77 Resp: 117223
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 53.662 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8817

Ion Ratio Lower Upper

96 100

61 134.3 0.0 278.8

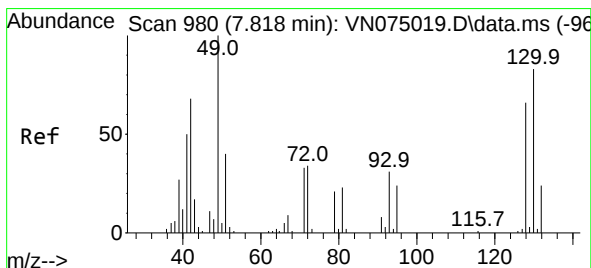
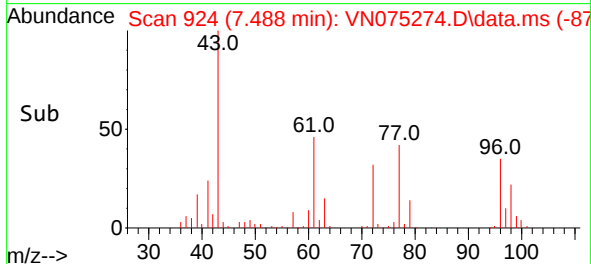
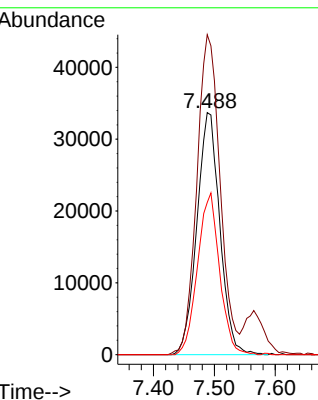
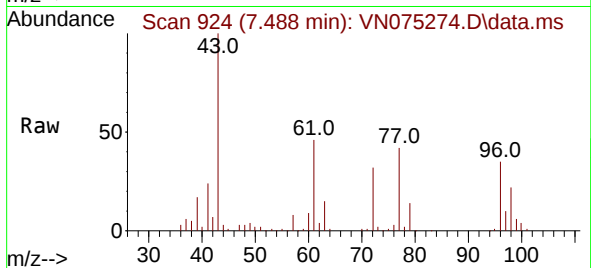
98 64.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#28

Bromochloromethane

Concen: 45.535 ug/l

RT: 7.812 min Scan# 979

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

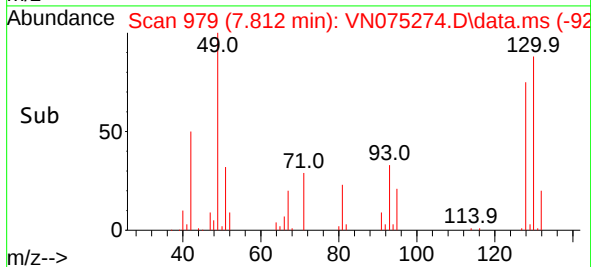
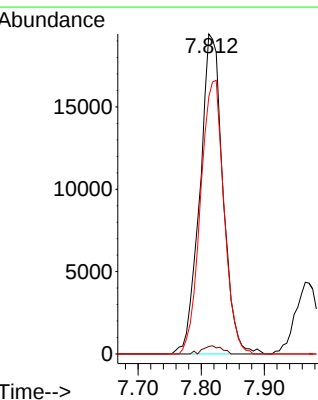
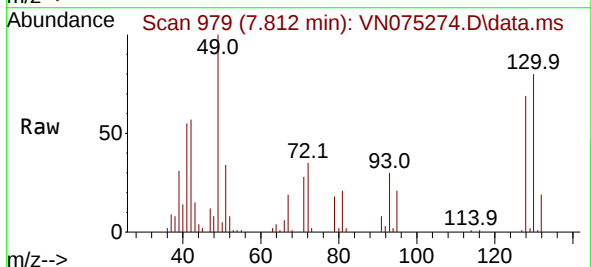
Tgt Ion: 49 Resp: 49172

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 87.0 66.2 99.4





#29

Tetrahydrofuran

Concen: 227.522 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 156410

Ion Ratio Lower Upper

42 100

72 51.9 43.0 64.6

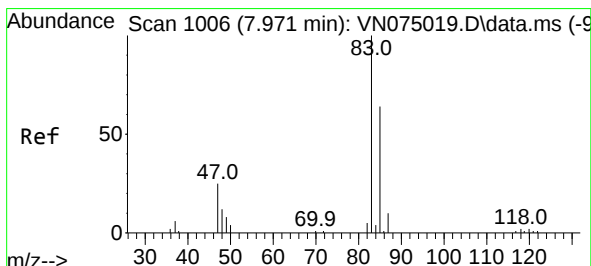
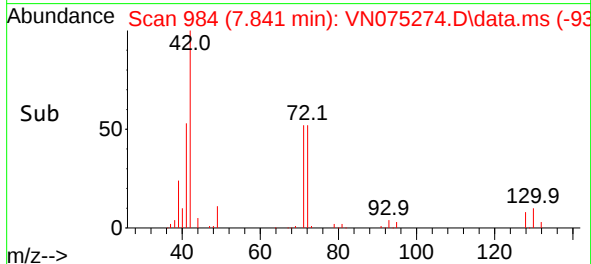
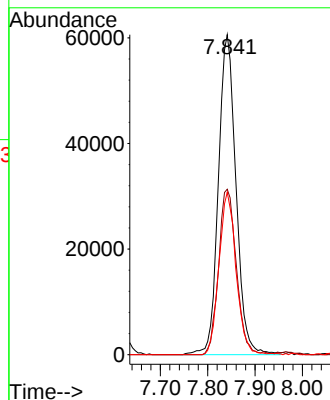
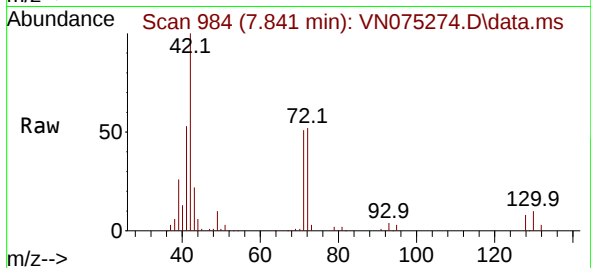
71 49.3 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#30

Chloroform

Concen: 52.131 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075274.D

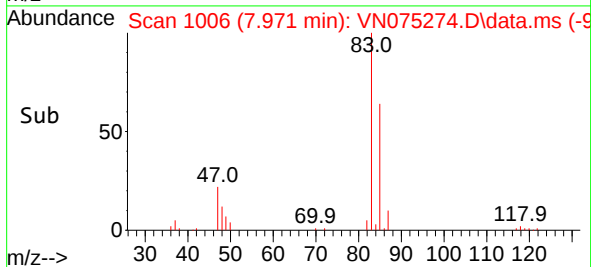
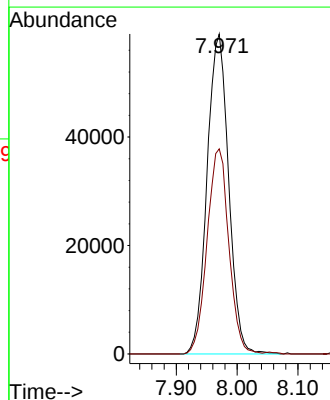
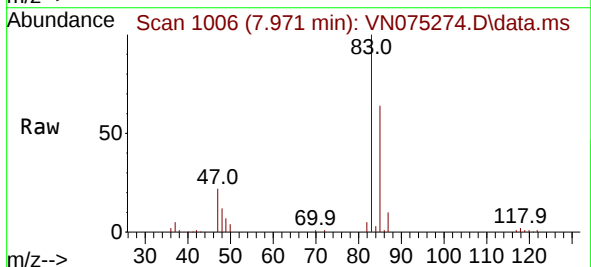
Acq: 15 Nov 2022 11:00

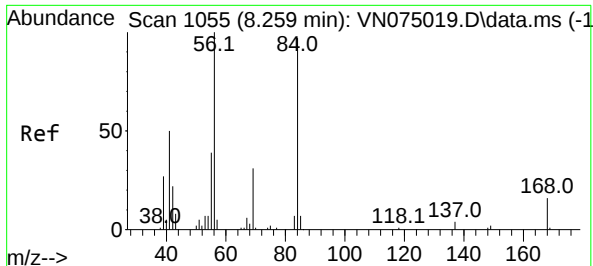
Tgt Ion: 83 Resp: 144994

Ion Ratio Lower Upper

83 100

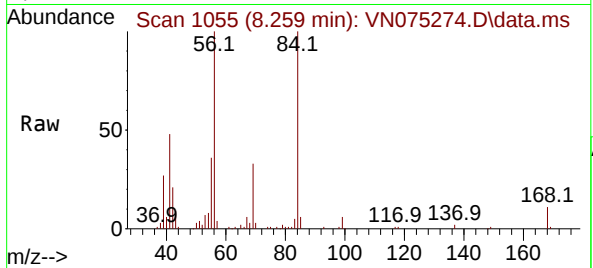
85 64.1 51.4 77.0





#31
Cyclohexane
Concen: 48.700 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

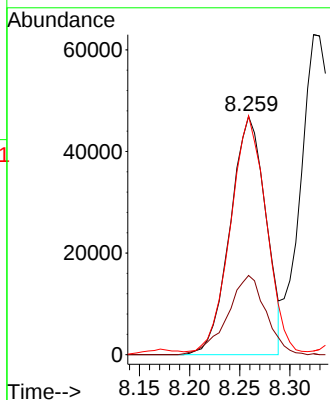
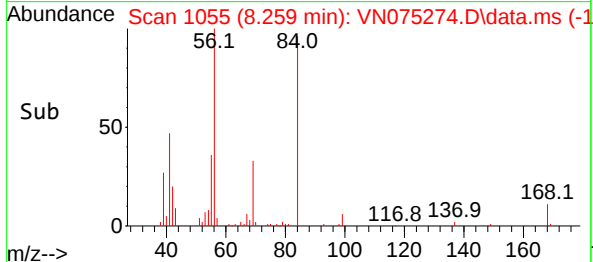
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



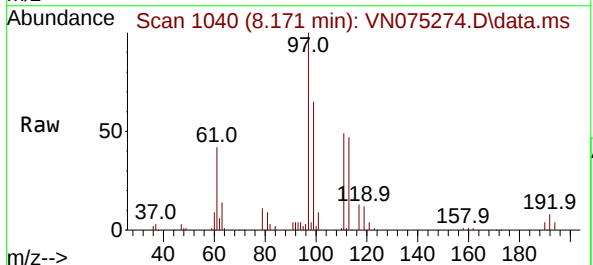
Tgt Ion: 56 Resp: 115699
Ion Ratio Lower Upper
56 100
69 33.3 25.2 37.8
84 98.7 77.8 116.8

Manual Integrations
APPROVED

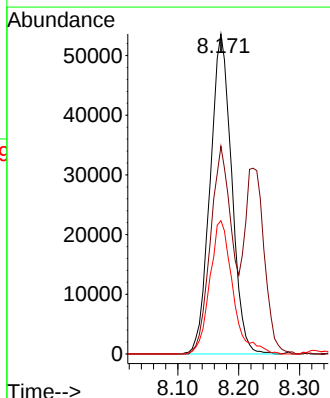
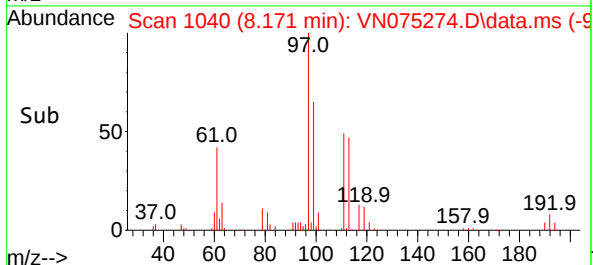
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#32
1,1,1-Trichloroethane
Concen: 52.162 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion: 97 Resp: 131749
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 44.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.470 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 71034

Ion Ratio Lower Upper

65 100

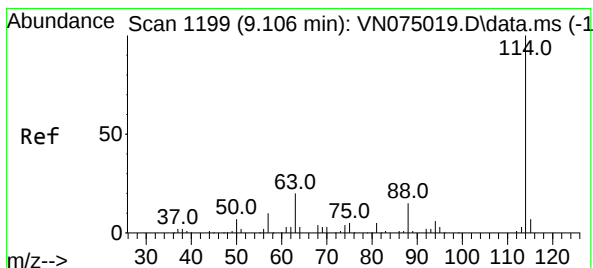
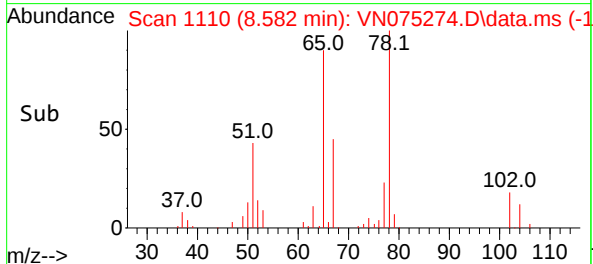
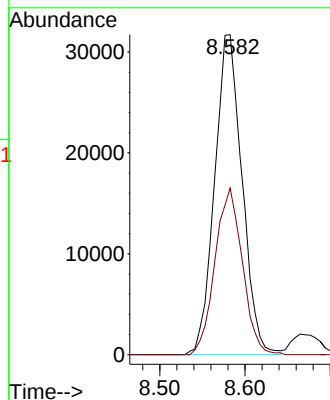
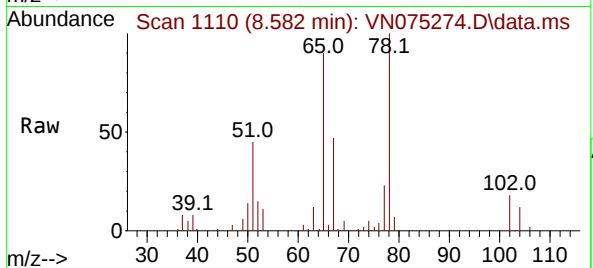
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

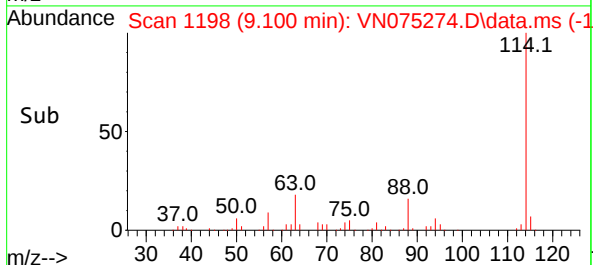
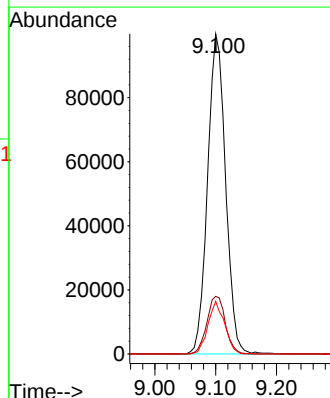
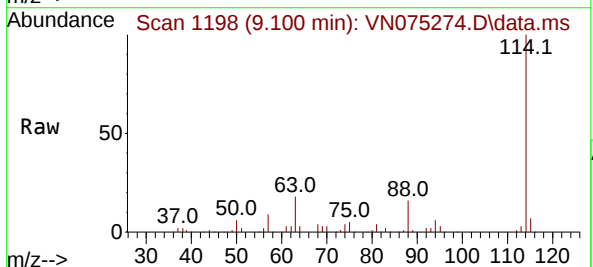
Tgt Ion:114 Resp: 205245

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 16.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.430 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

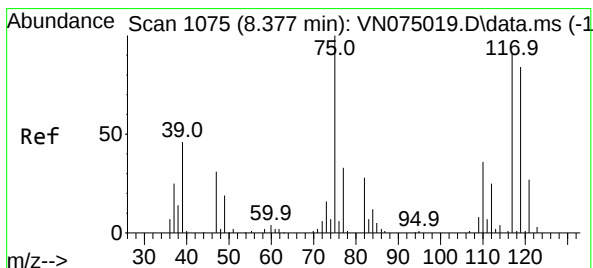
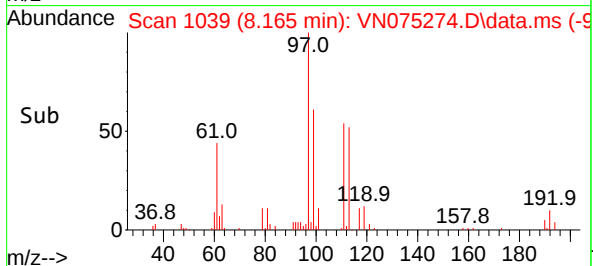
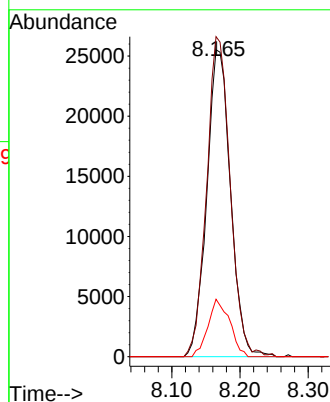
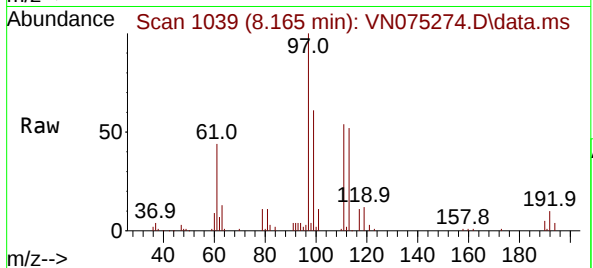
Tgt Ion:	113	Resp:	61968
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.5	120.7
192	17.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#36

1,1-Dichloropropene

Concen: 57.173 ug/l

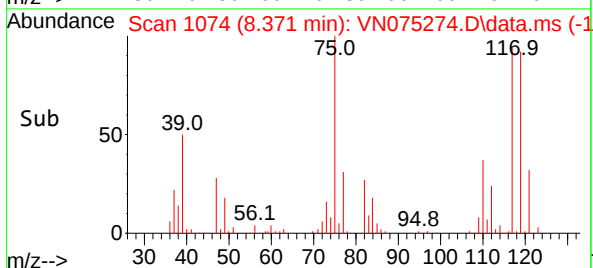
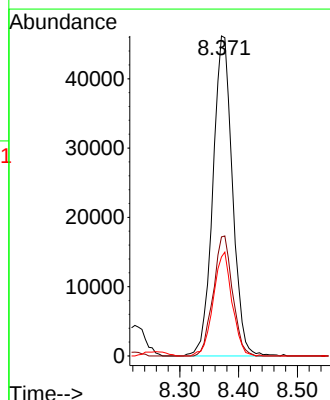
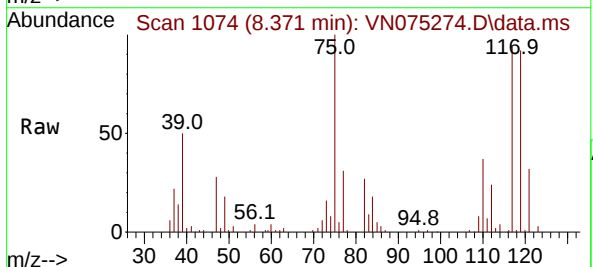
RT: 8.371 min Scan# 1074

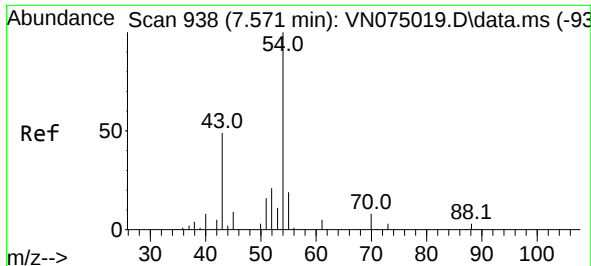
Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Tgt Ion:	75	Resp:	106649
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.8	53.3
77	31.3	24.6	37.0





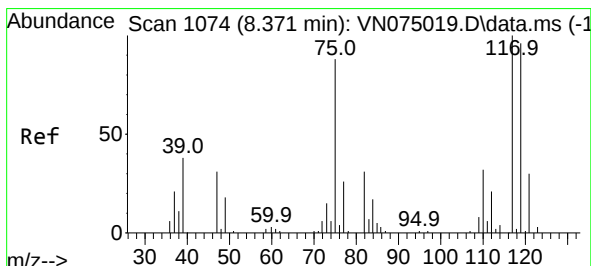
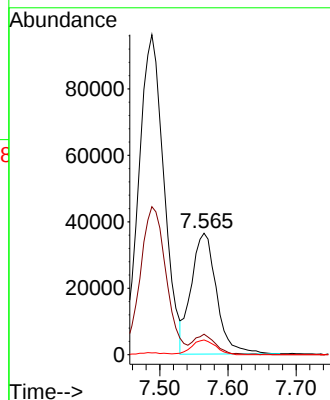
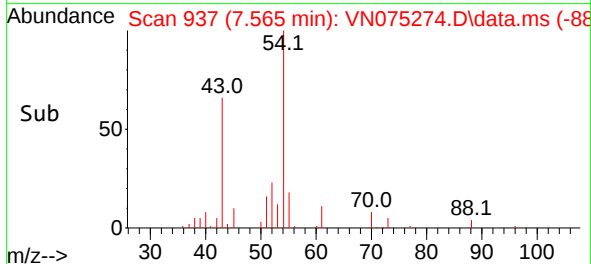
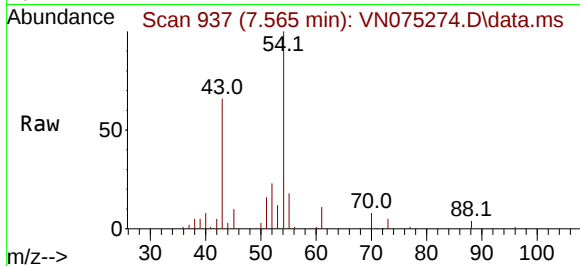
#37
Ethyl Acetate
Concen: 45.887 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 93872
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.4
70 11.6 9.4 14.2

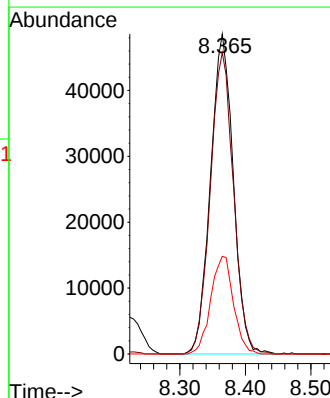
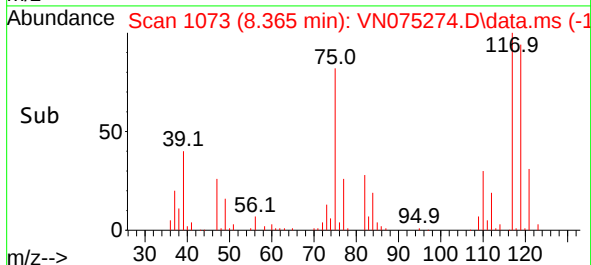
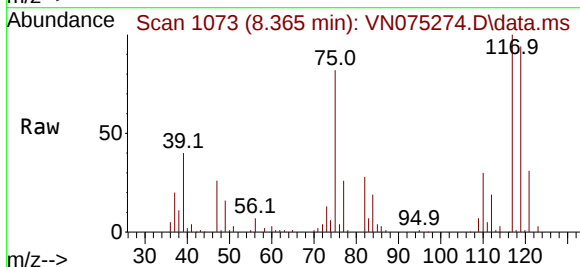
Manual Integrations
APPROVED

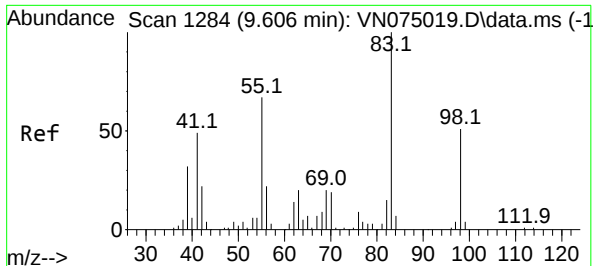
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#38
Carbon Tetrachloride
Concen: 57.040 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion:117 Resp: 117042
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1
121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 58.804 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14481

Ion Ratio Lower Upper

83 100

55 65.1 53.6 80.4

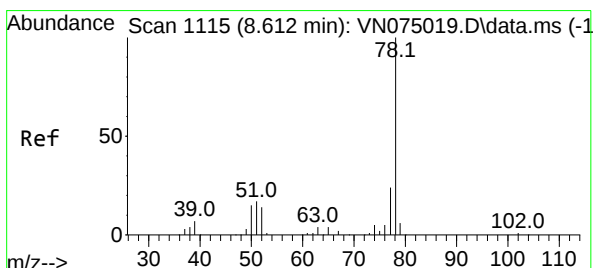
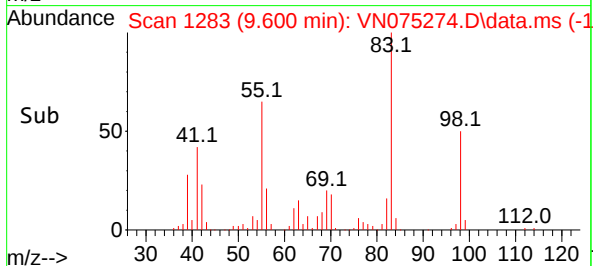
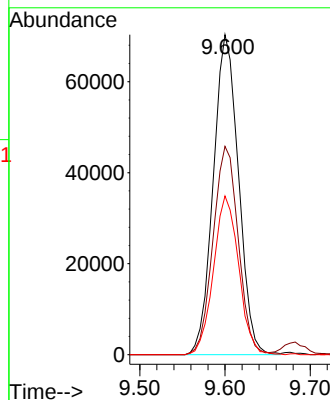
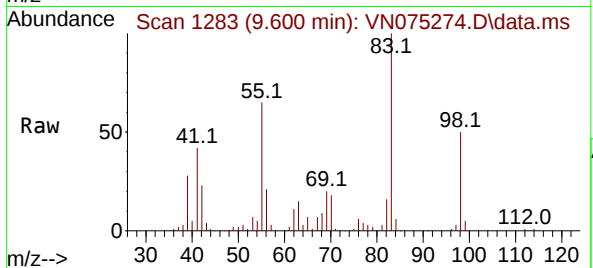
98 49.6 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#40

Benzene

Concen: 56.622 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075274.D

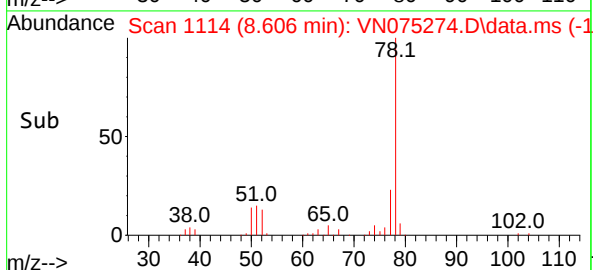
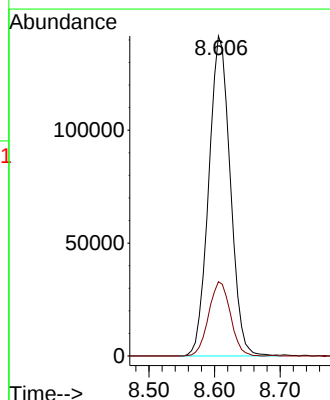
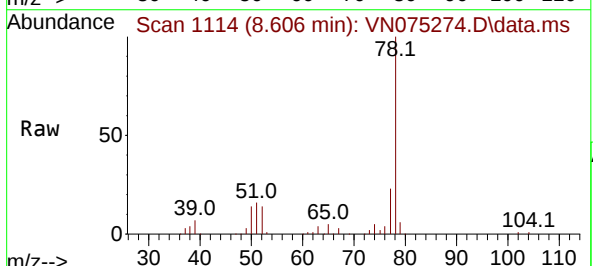
Acq: 15 Nov 2022 11:00

Tgt Ion: 78 Resp: 323400

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 50.457 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

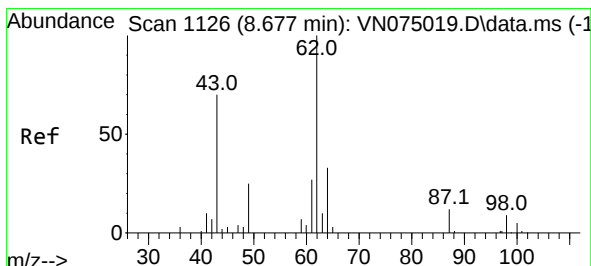
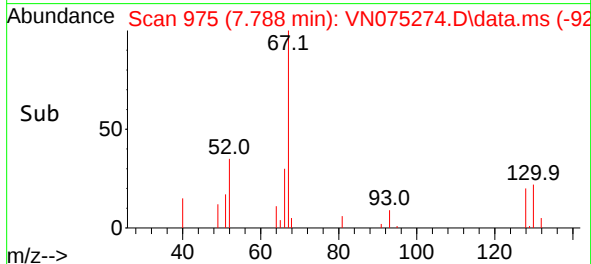
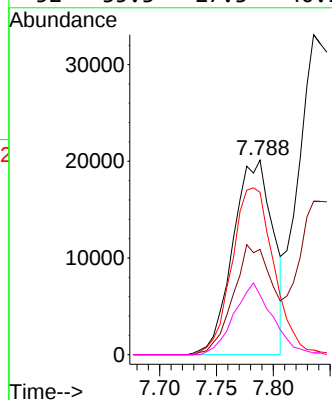
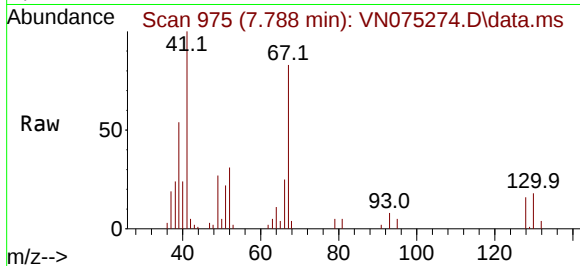
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 4945

Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	89.9	69.8	104.6
52	35.3	27.3	40.9

Manual Integrations
APPROVED

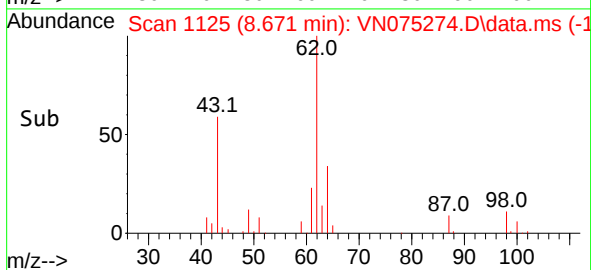
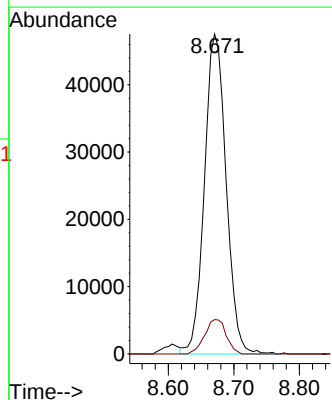
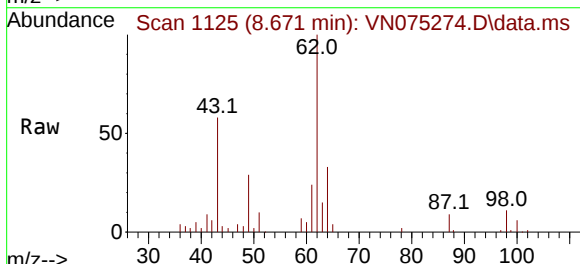
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

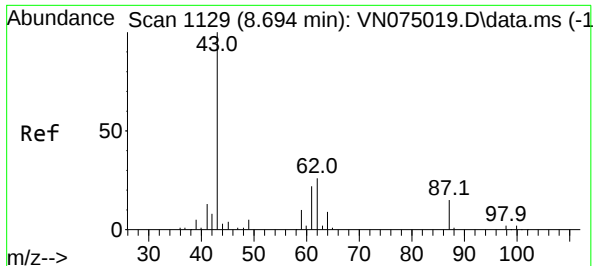


#42
1,2-Dichloroethane
Concen: 52.649 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 62 Resp: 109403

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 49.332 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

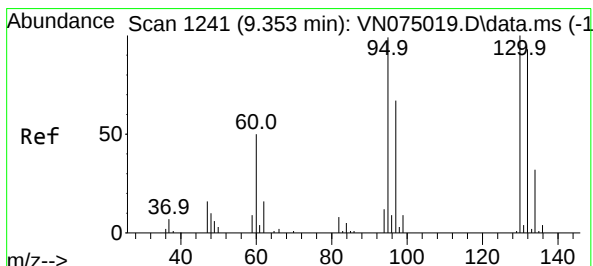
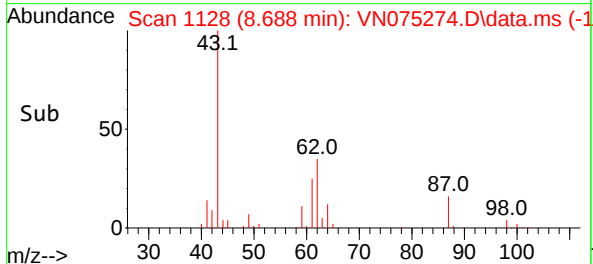
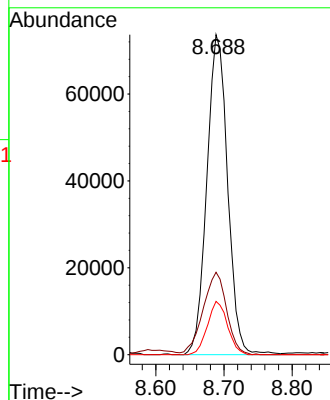
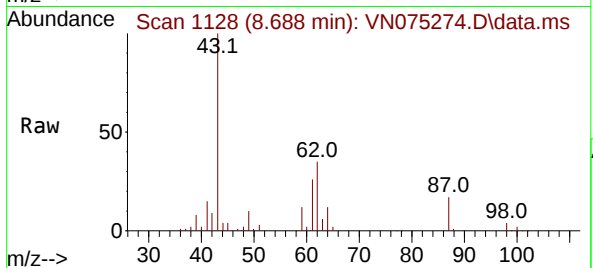
Tgt Ion: 43	Resp: 156540
Ion Ratio	Lower Upper
43	100
61	29.2 22.4 33.6
87	16.1 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#44

Trichloroethene

Concen: 59.292 ug/l

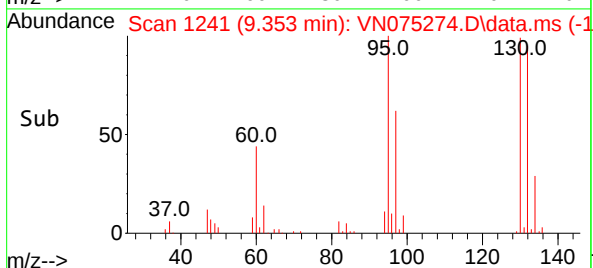
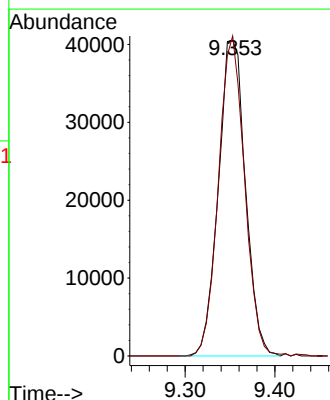
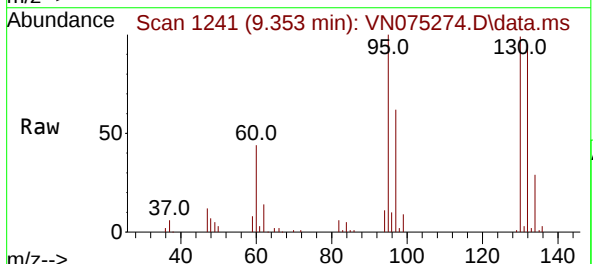
RT: 9.353 min Scan# 1241

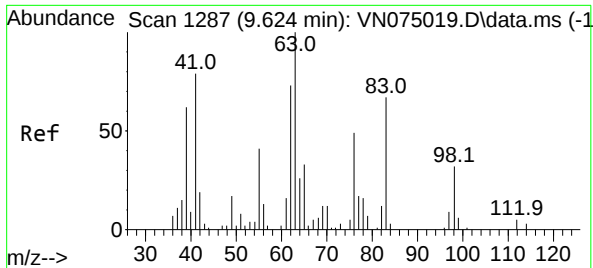
Delta R.T. -0.000 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Tgt Ion:130	Resp: 84963
Ion Ratio	Lower Upper
130	100
95	101.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 57.215 ug/l

RT: 9.623 min Scan# 1301

Delta R.T. -0.001 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 77769

Ion Ratio Lower Upper

63 100

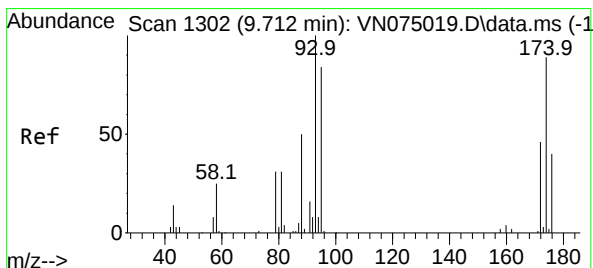
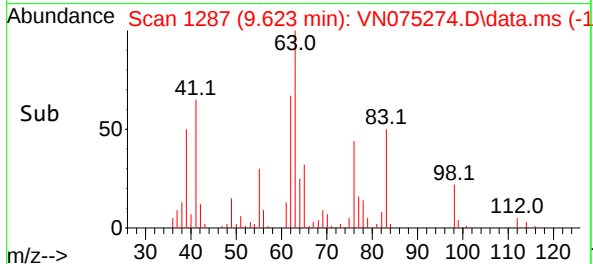
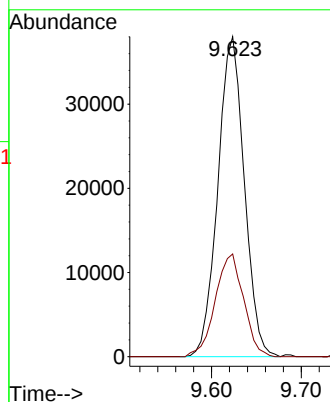
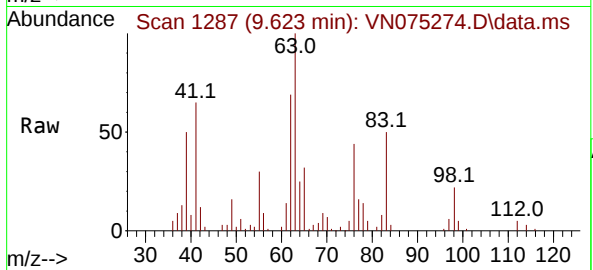
65 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#46

Dibromomethane

Concen: 54.770 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

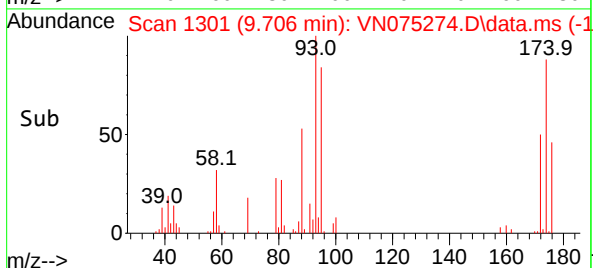
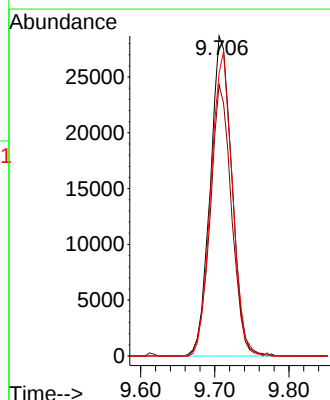
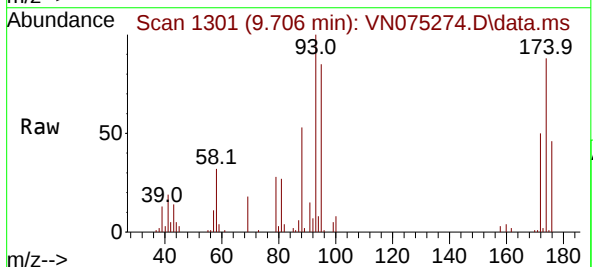
Tgt Ion: 93 Resp: 57999

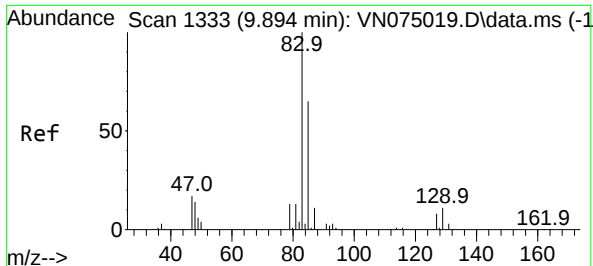
Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 94.4 70.3 105.5





#47

Bromodichloromethane

Concen: 55.199 ug/l

RT: 9.888 min Scan# 113198

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

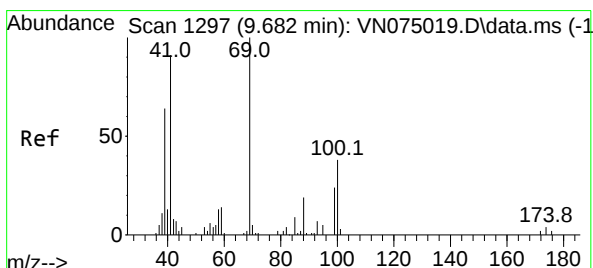
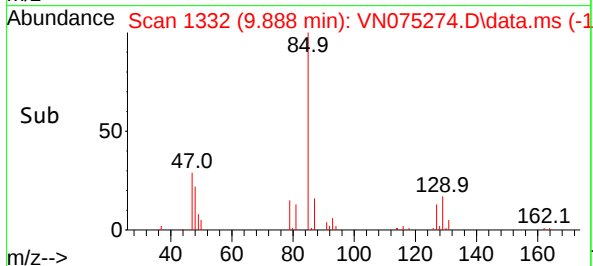
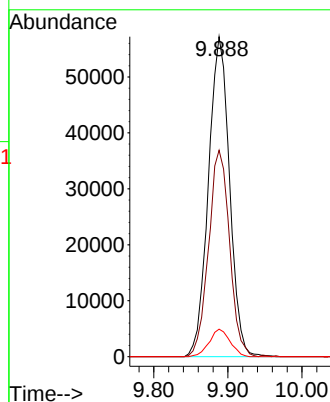
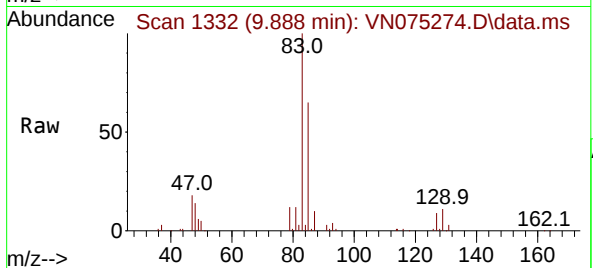
Tgt Ion:	83	Resp:	113198
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.1	78.1
127	8.6	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#48

Methyl methacrylate

Concen: 49.614 ug/l

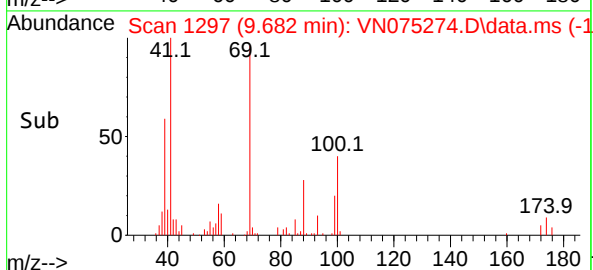
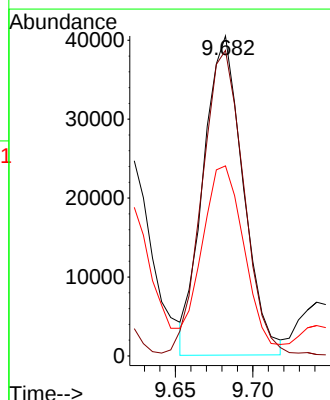
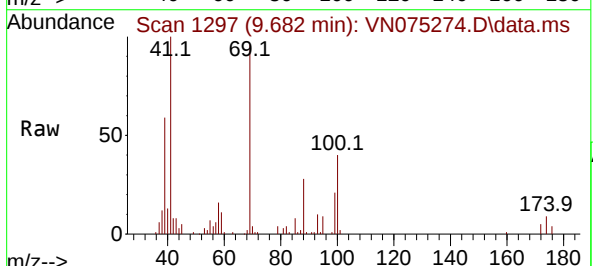
RT: 9.682 min Scan# 1297

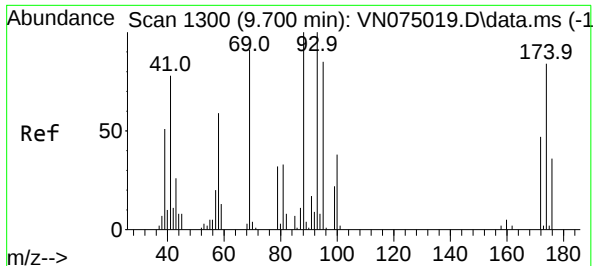
Delta R.T. 0.000 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Tgt Ion:	41	Resp:	72218
Ion Ratio	Lower	Upper	
41	100		
69	100.1	80.2	120.2
39	66.0	56.2	84.2





#49

1,4-Dioxane

Concen: 1045.535 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3985

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

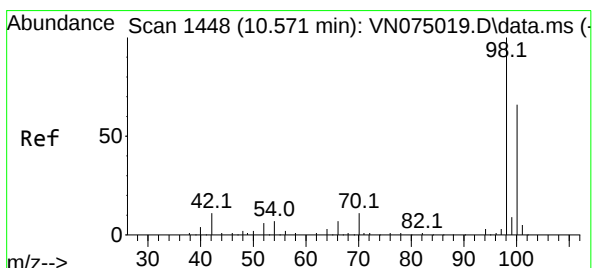
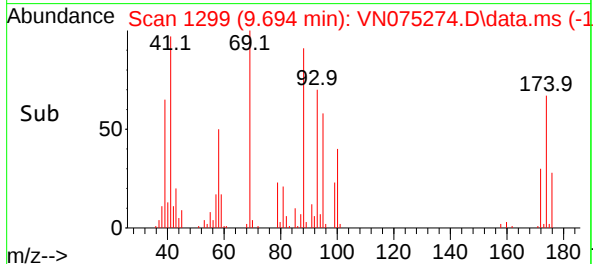
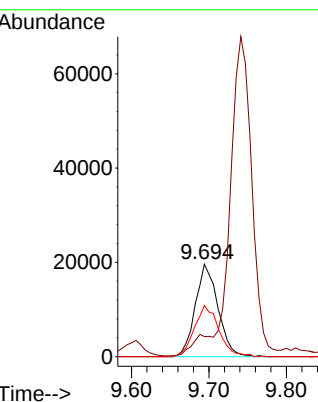
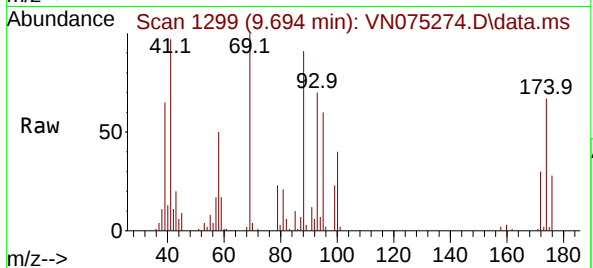
58 59.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#50

Toluene-d8

Concen: 47.866 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075274.D

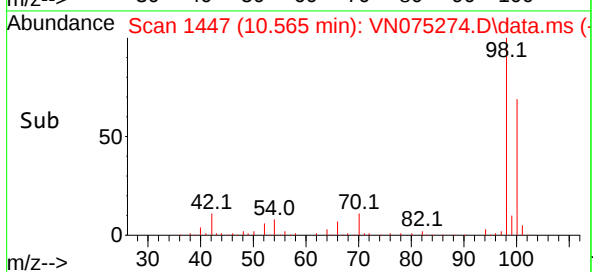
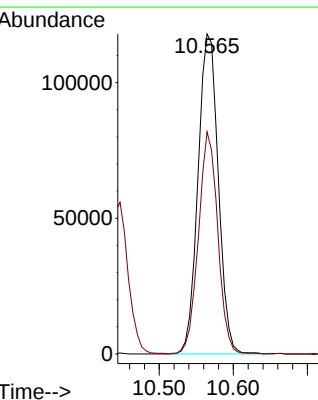
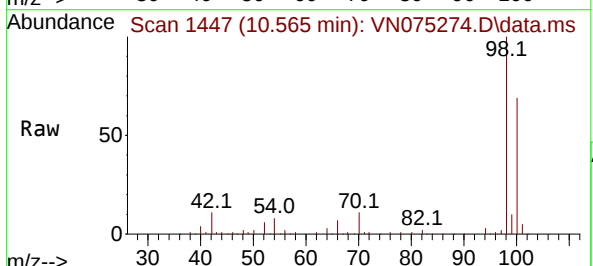
Acq: 15 Nov 2022 11:00

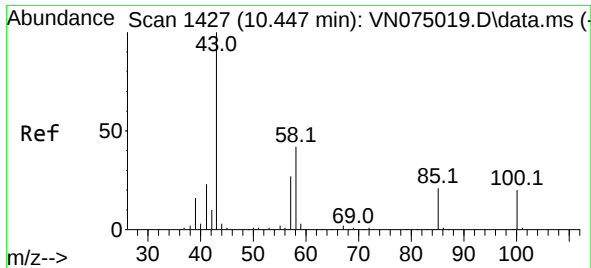
Tgt Ion: 98 Resp: 223759

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6





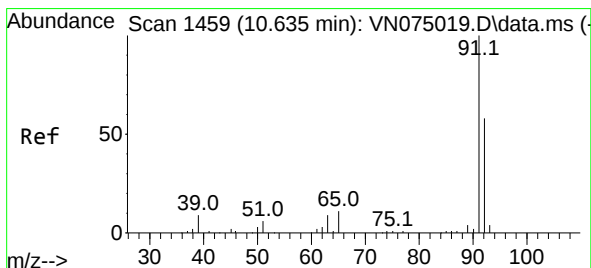
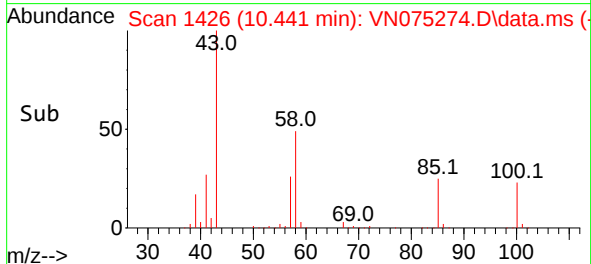
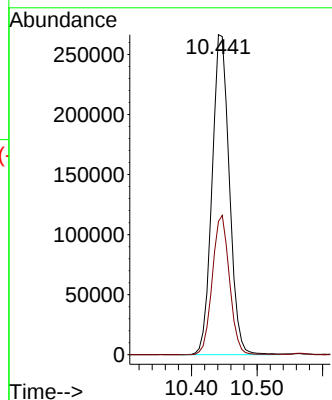
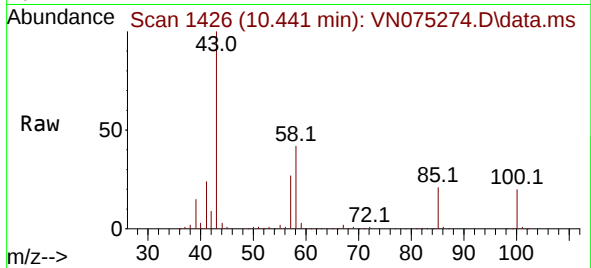
#51
4-Methyl-2-Pentanone
Concen: 238.448 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 48826
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

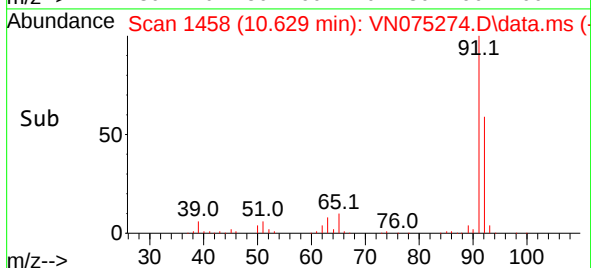
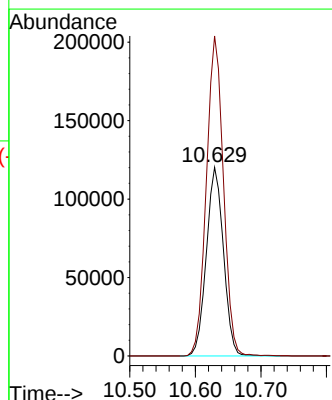
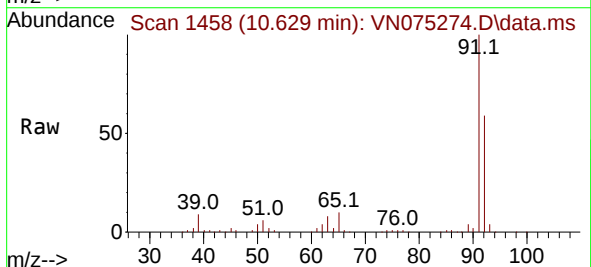
Manual Integrations
APPROVED

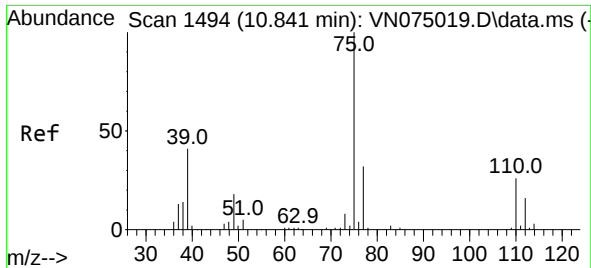
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#52
Toluene
Concen: 57.237 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 92 Resp: 218529
Ion Ratio Lower Upper
92 100
91 168.7 135.4 203.2





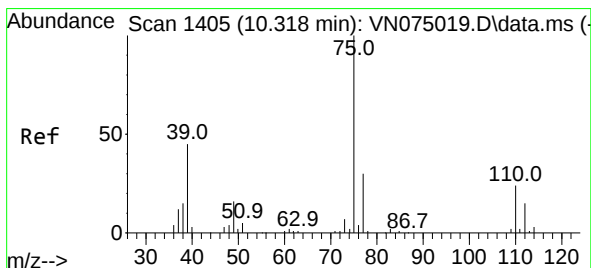
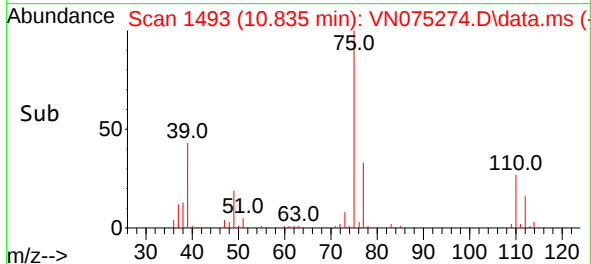
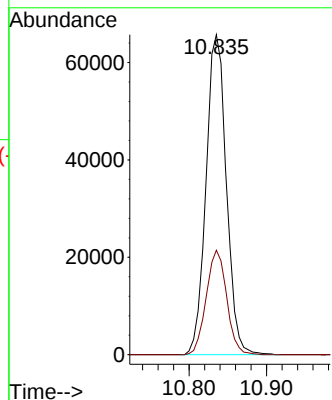
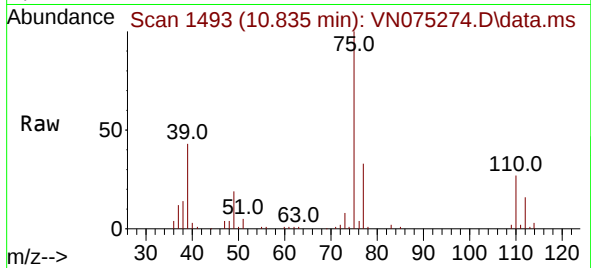
#53
 t-1,3-Dichloropropene
 Concen: 55.313 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 119720
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2

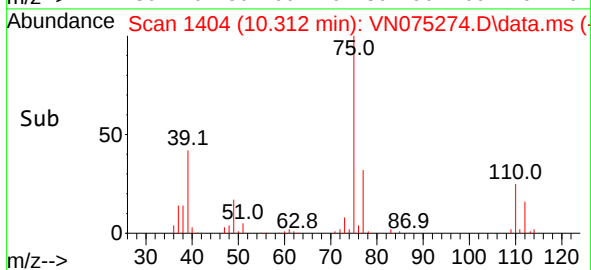
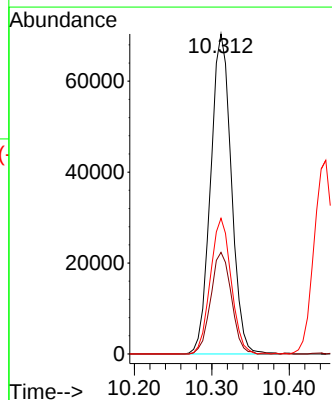
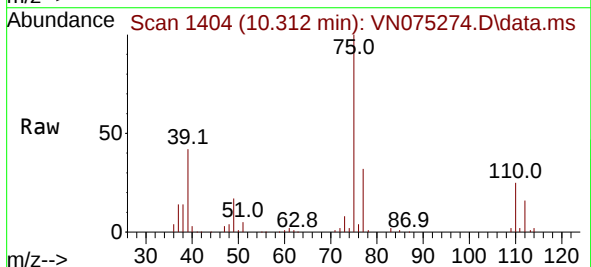
Manual Integrations
 APPROVED

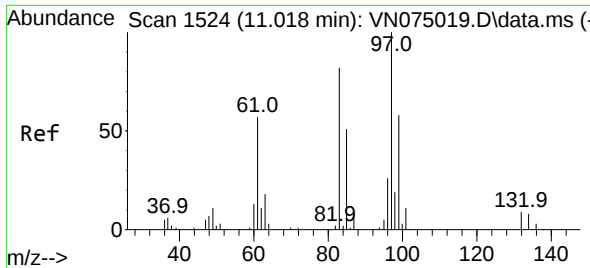
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 56.939 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Tgt Ion: 75 Resp: 130720
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.7 35.5
 39 42.4 35.8 53.6





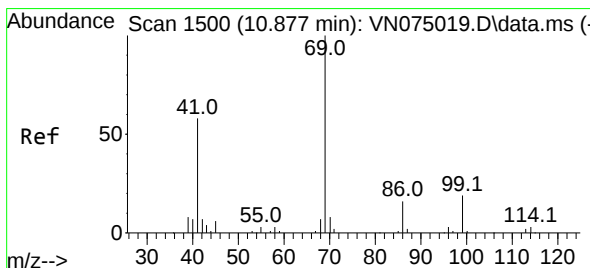
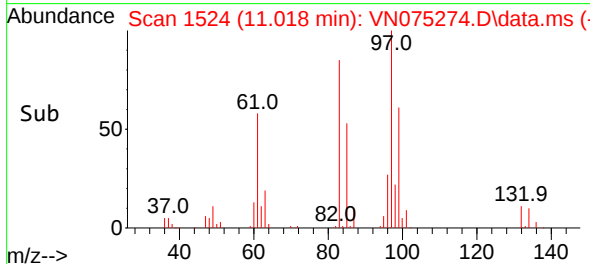
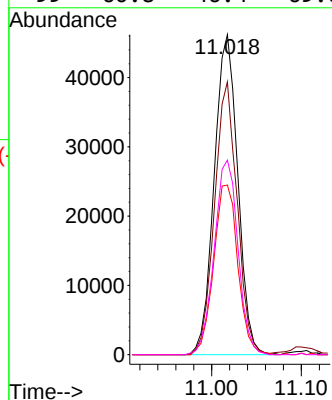
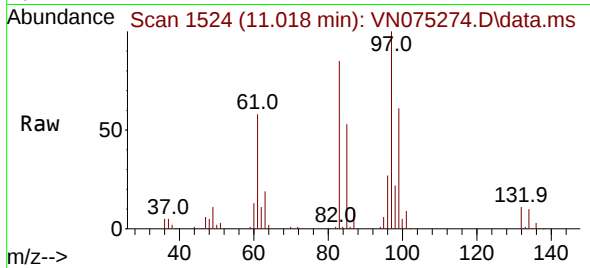
#55
1,1,2-Trichloroethane
Concen: 55.546 ug/l
RT: 11.018 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 84089
Ion Ratio	Lower Upper
97 100	
83 85.2	65.9 98.9
85 53.0	40.4 60.6
99 60.8	46.4 69.6

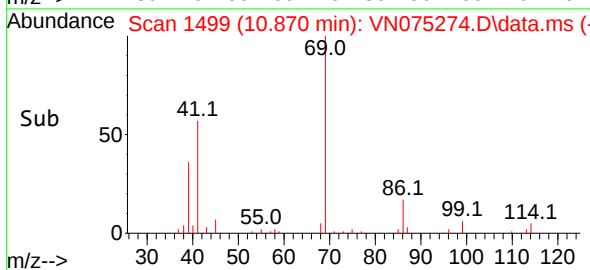
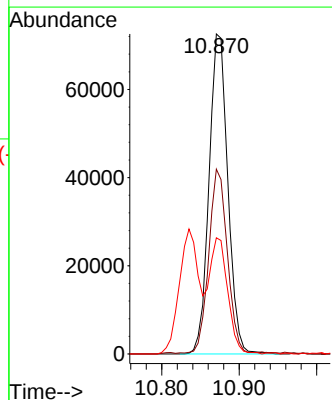
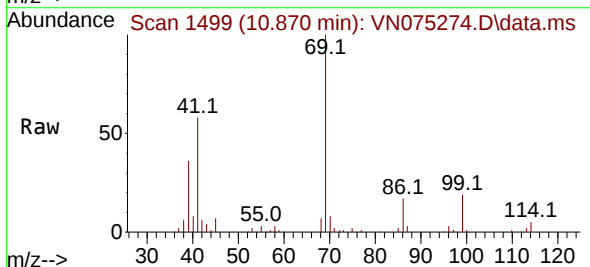
Manual Integrations
APPROVED

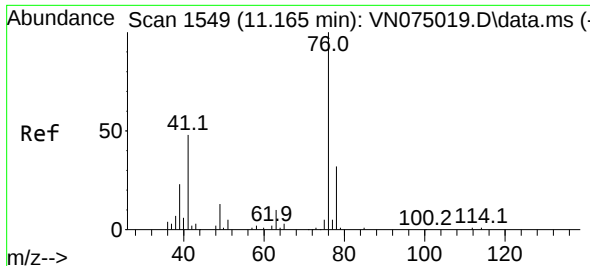
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#56
Ethyl methacrylate
Concen: 52.921 ug/l
RT: 10.870 min Scan# 1499
Delta R.T. -0.007 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

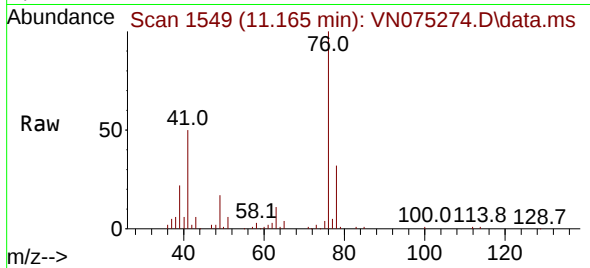
Tgt Ion: 69	Resp: 122205
Ion Ratio	Lower Upper
69 100	
41 56.3	45.6 68.4
39 36.0	28.5 42.7





#57
1,3-Dichloropropane
Concen: 54.963 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

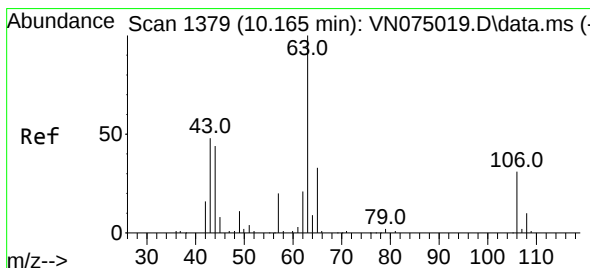
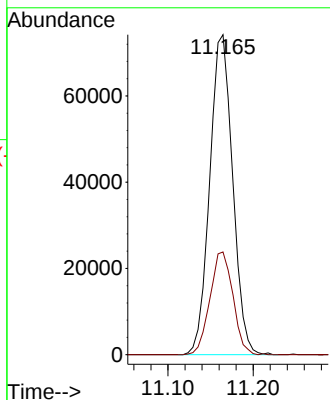
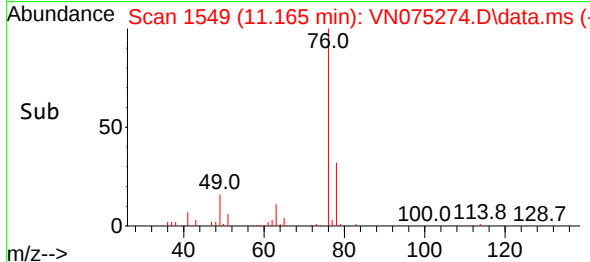
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 138568
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

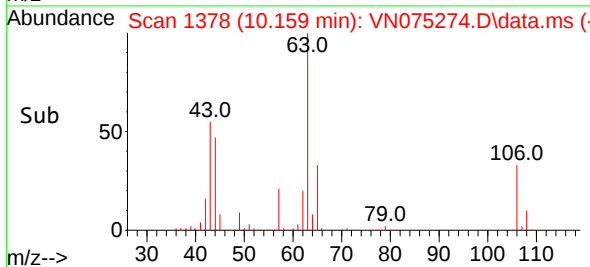
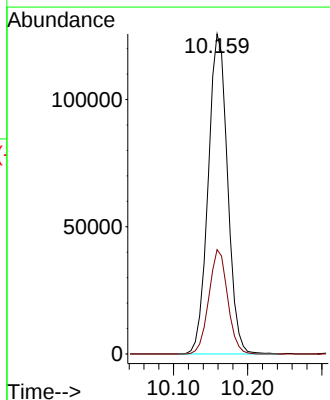
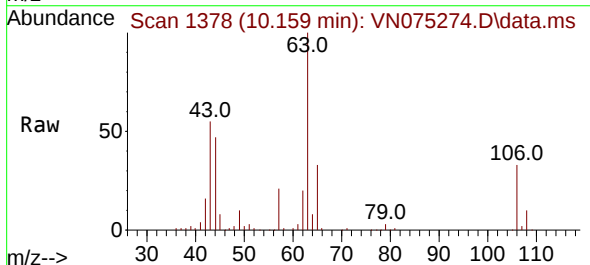
Manual Integrations
APPROVED

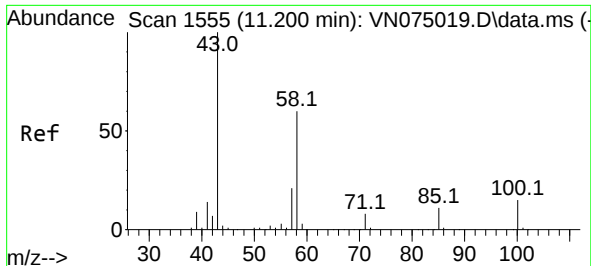
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 255.647 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 63 Resp: 228225
Ion Ratio Lower Upper
63 100
106 31.5 24.8 37.2





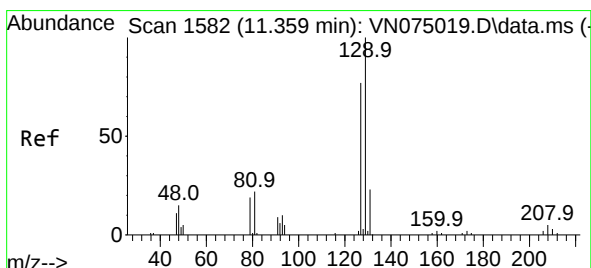
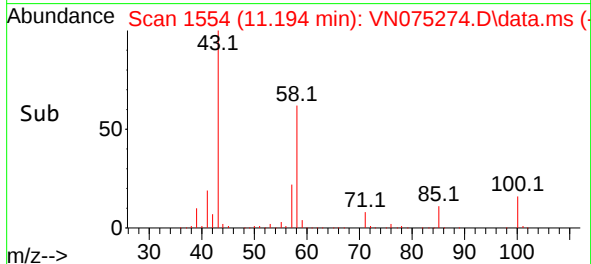
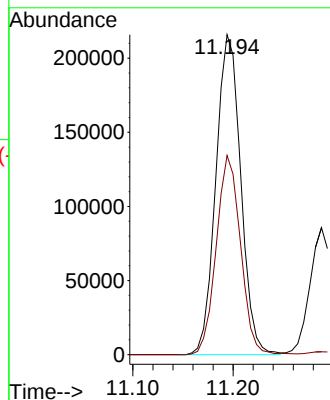
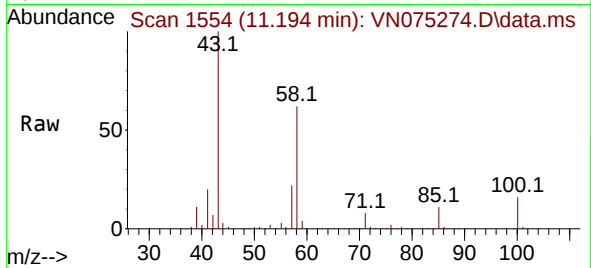
#59
2-Hexanone
Concen: 239.580 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37233
Ion Ratio Lower Upper
43 100
58 60.7 29.6 88.8

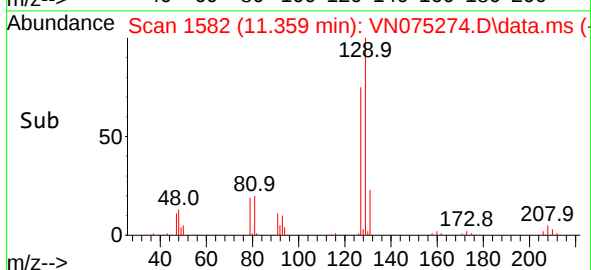
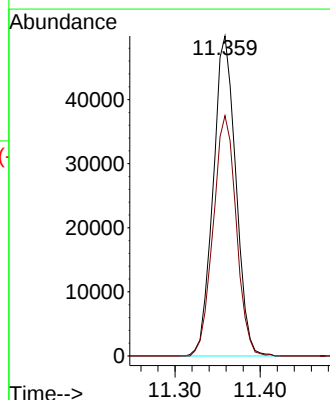
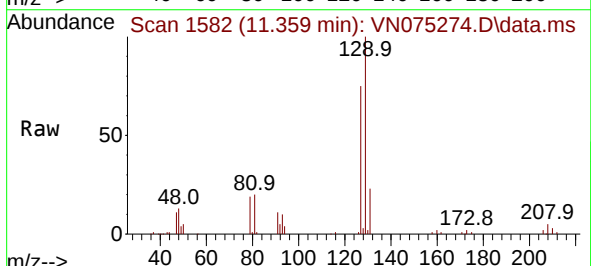
Manual Integrations
APPROVED

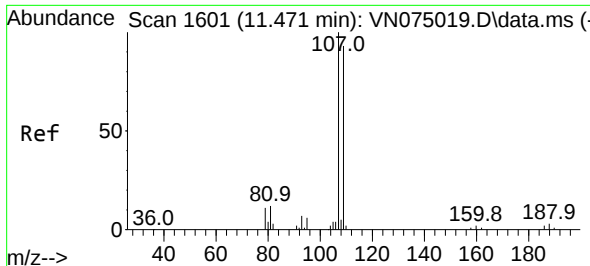
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#60
Dibromochloromethane
Concen: 57.593 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion:129 Resp: 91987
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





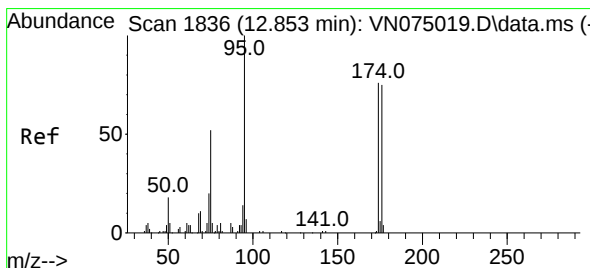
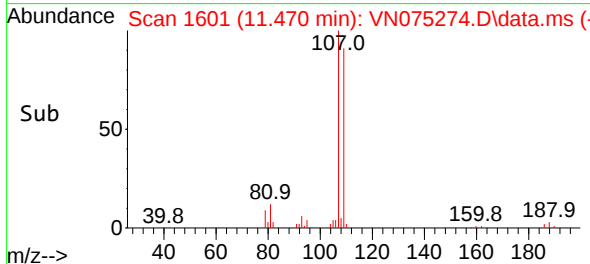
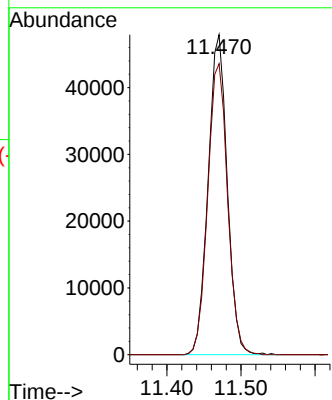
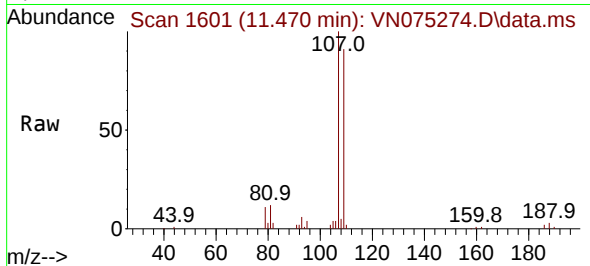
#61
1,2-Dibromoethane
Concen: 55.403 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8595
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

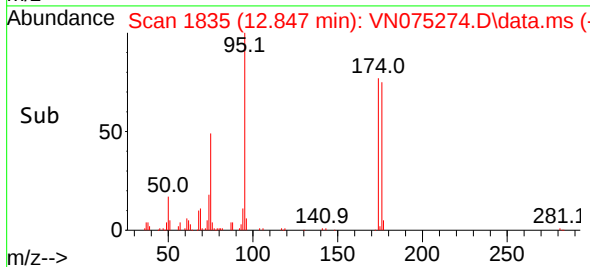
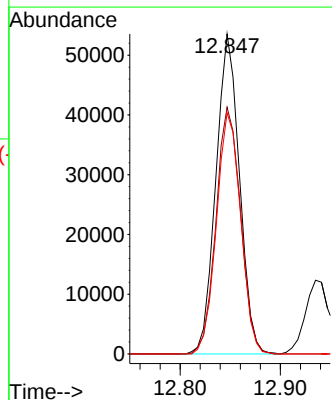
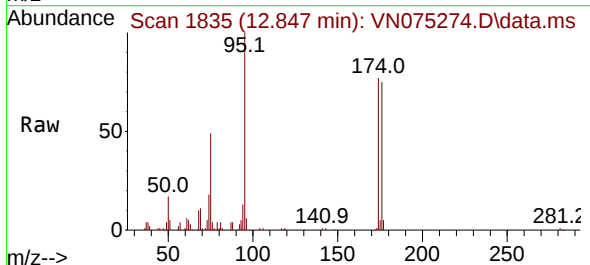
Manual Integrations
APPROVED

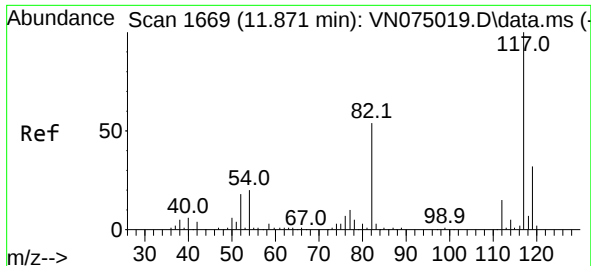
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#62
4-Bromofluorobenzene
Concen: 53.206 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

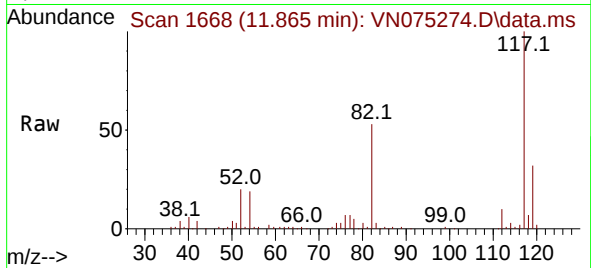
Tgt Ion: 95 Resp: 87371
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 77.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

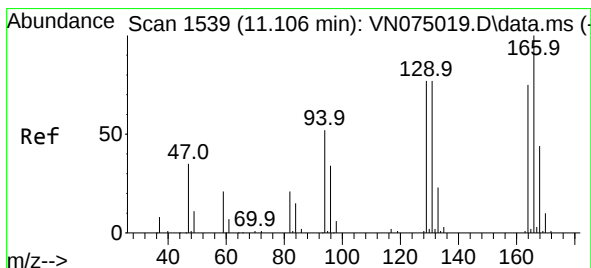
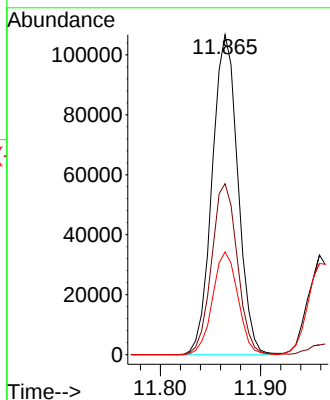
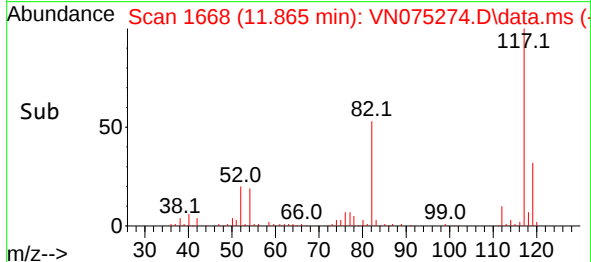
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 189914
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 32.1 25.5 38.3

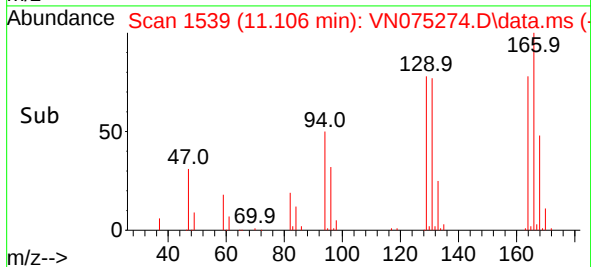
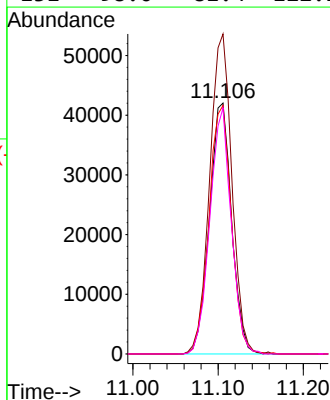
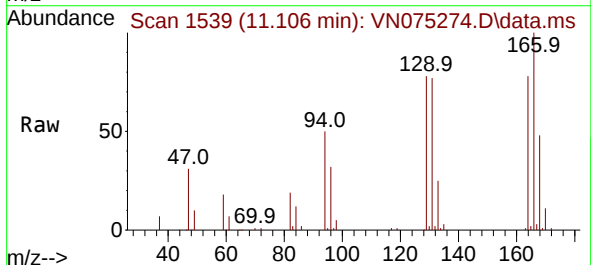
Manual Integrations
APPROVED

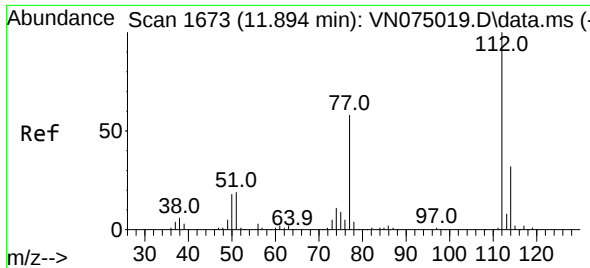
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#64
Tetrachloroethene
Concen: 65.370 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion:164 Resp: 76112
Ion Ratio Lower Upper
164 100
166 127.5 106.5 159.7
129 99.0 81.9 122.9
131 98.0 81.4 122.2





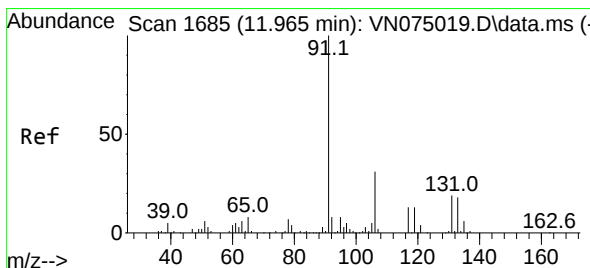
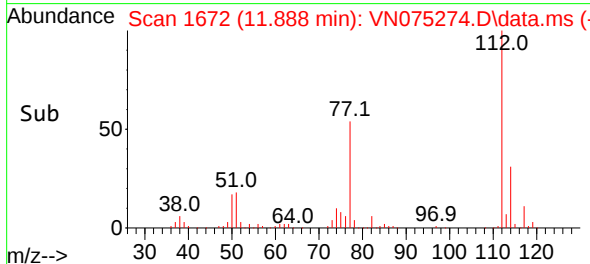
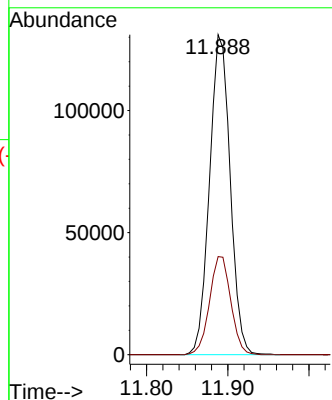
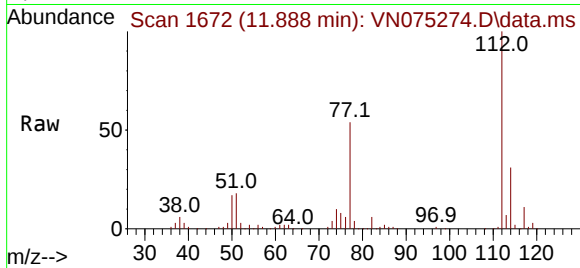
#65
Chlorobenzene
Concen: 57.077 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 231378
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

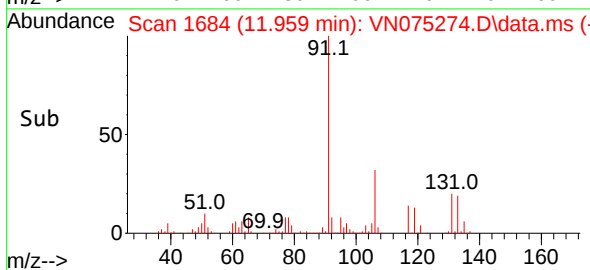
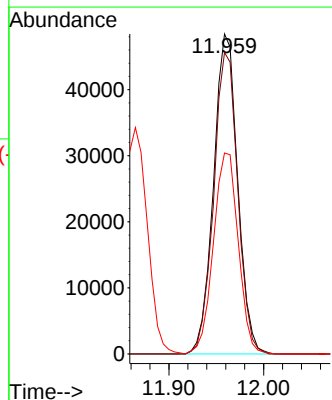
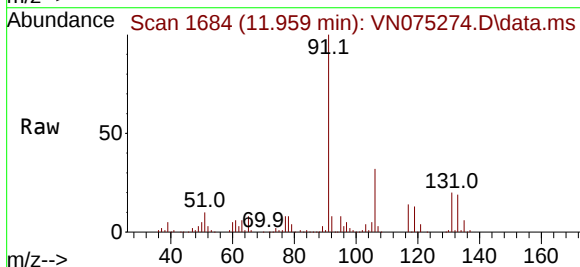
Manual Integrations
APPROVED

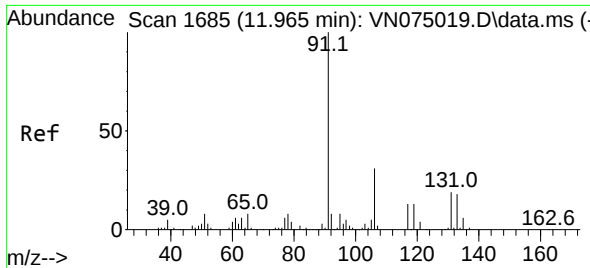
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.984 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

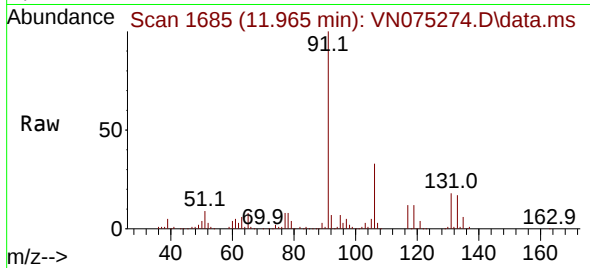
Tgt Ion:131 Resp: 85691
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 64.7 33.0 99.0





#67
Ethyl Benzene
Concen: 58.321 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

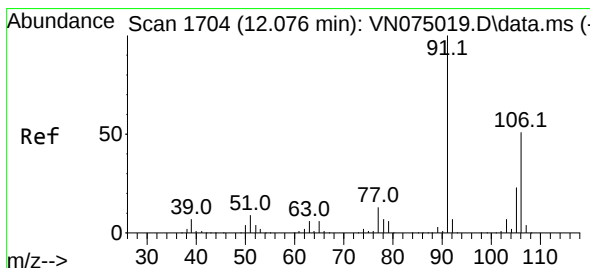
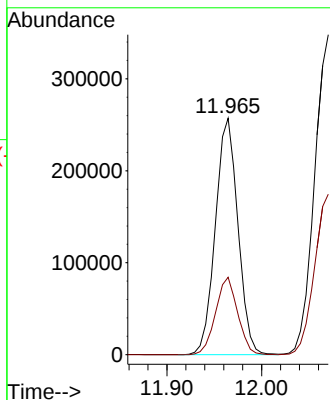
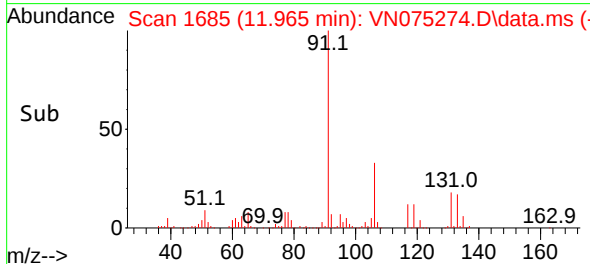
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



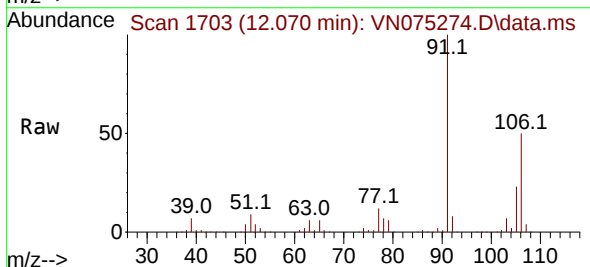
Tgt Ion: 91 Resp: 425350
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

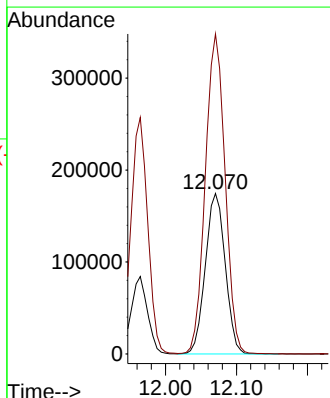
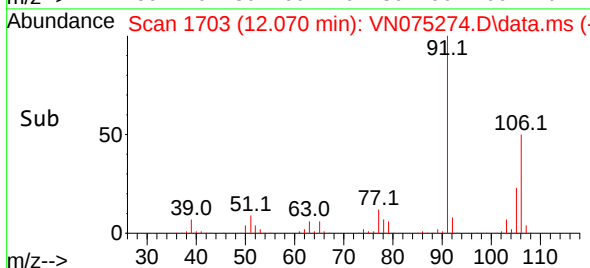
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

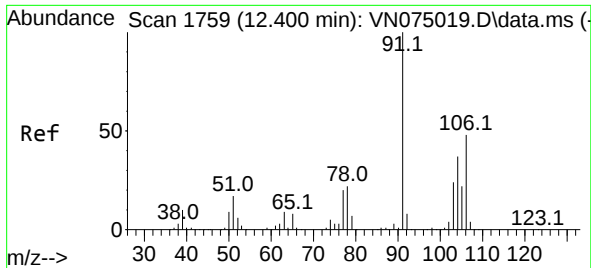


#68
m/p-Xylenes
Concen: 115.933 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion:106 Resp: 339268
Ion Ratio Lower Upper
106 100
91 198.3 156.0 234.0





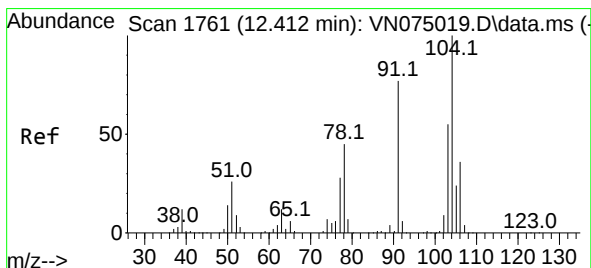
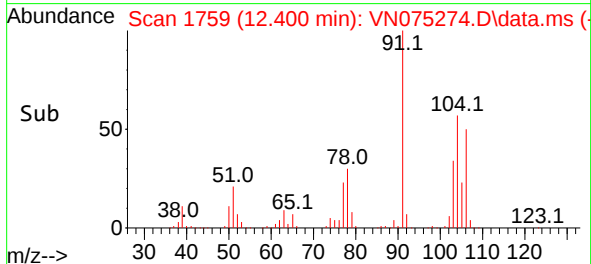
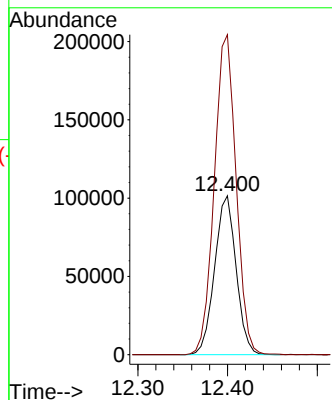
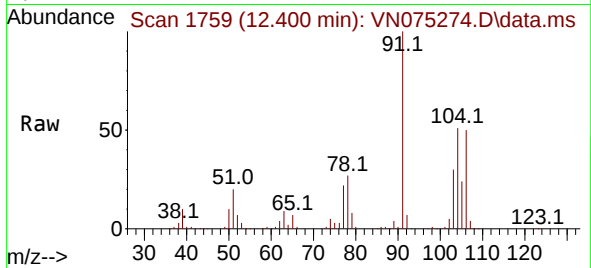
#69
o-Xylene
Concen: 58.296 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16871
Ion Ratio Lower Upper
106 100
91 204.4 105.2 315.5

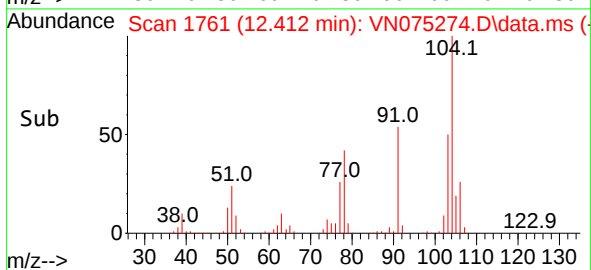
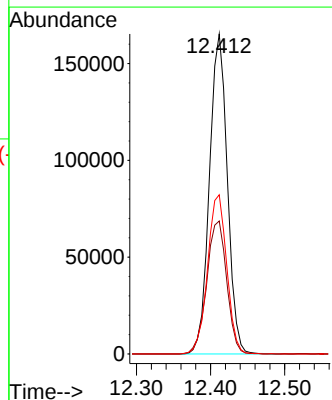
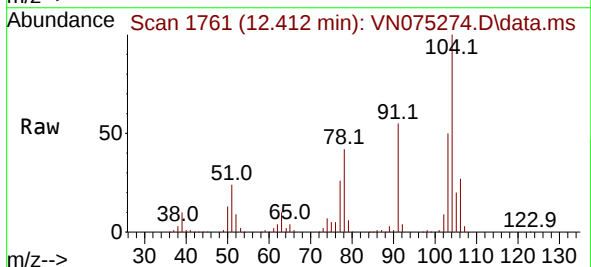
Manual Integrations
APPROVED

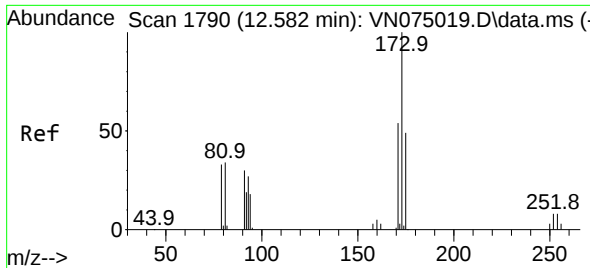
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#70
Styrene
Concen: 60.145 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

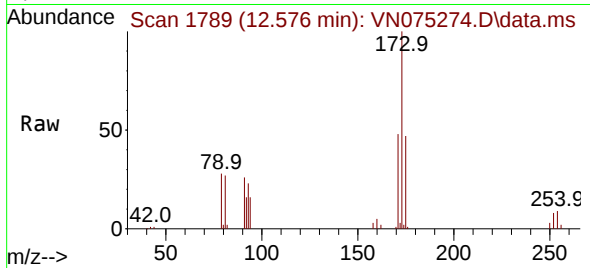
Tgt Ion:104 Resp: 277545
Ion Ratio Lower Upper
104 100
78 46.4 38.1 57.1
103 53.4 44.6 66.8





#71
Bromoform
Concen: 60.125 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

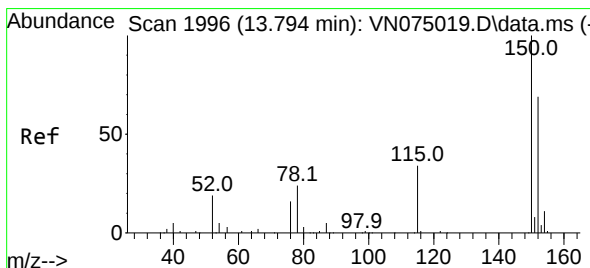
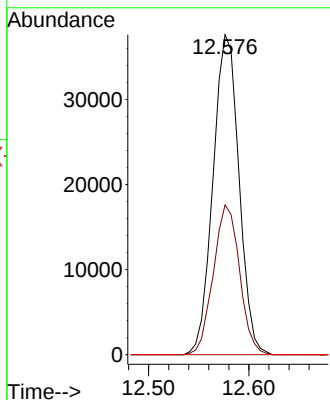
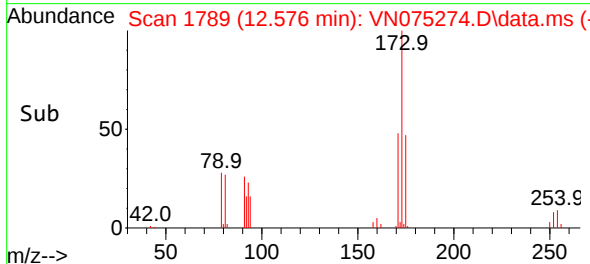
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



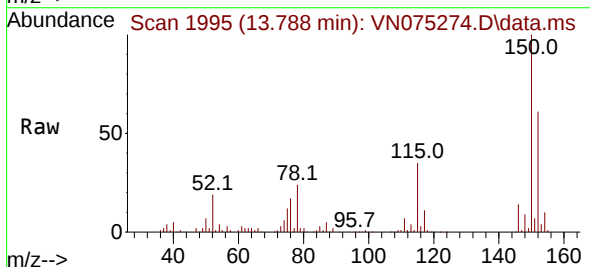
Tgt Ion:173 Resp: 67693
Ion Ratio Lower Upper
173 100
175 47.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

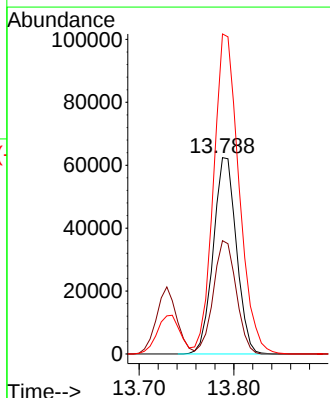
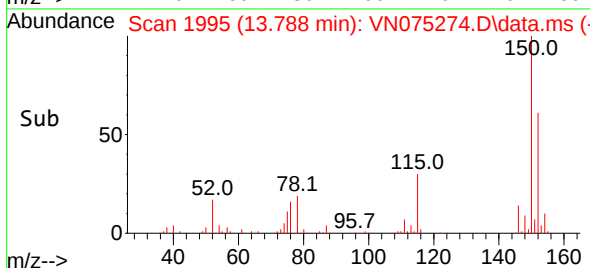
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

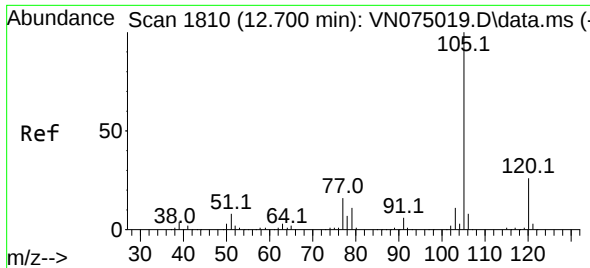


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion:152 Resp: 105866
Ion Ratio Lower Upper
152 100
115 57.2 30.2 90.6
150 179.9 0.0 348.4





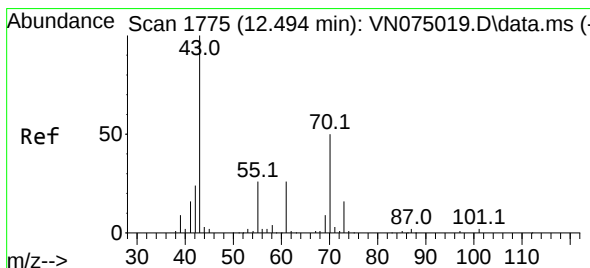
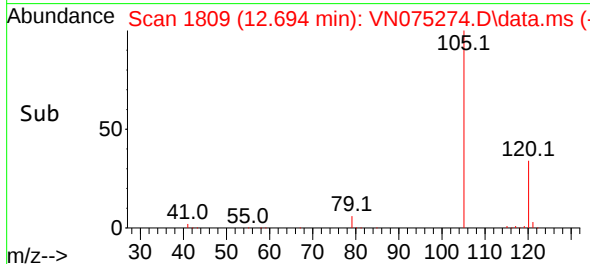
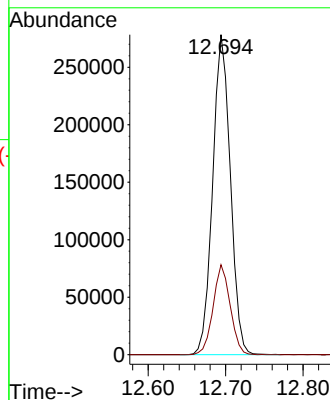
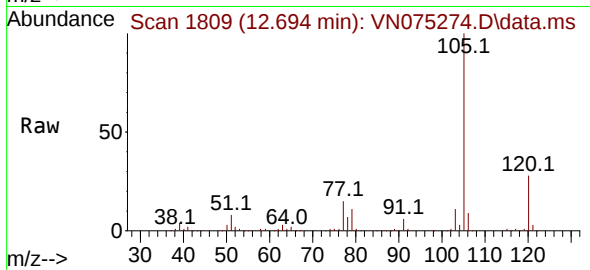
#73
Isopropylbenzene
Concen: 51.925 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 44131
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

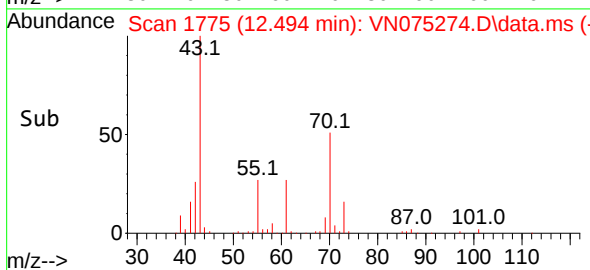
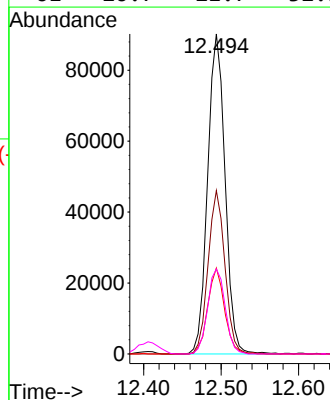
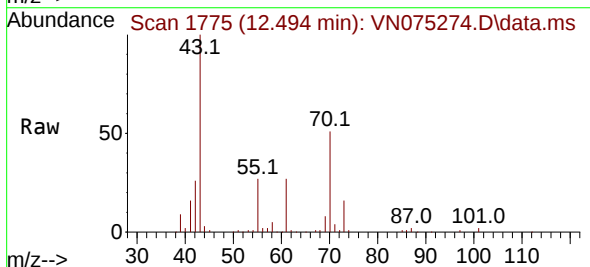
Manual Integrations
APPROVED

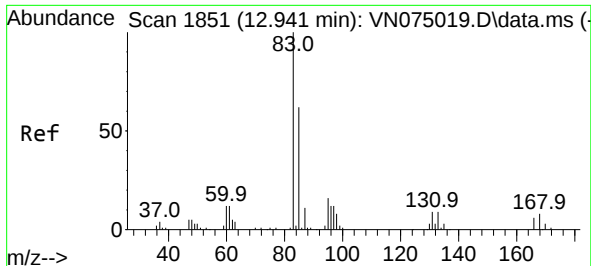
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#74
N-ethyl acetate
Concen: 44.781 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

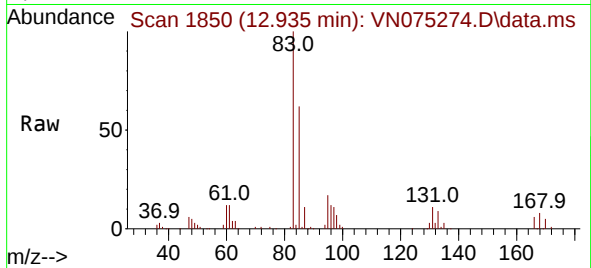
Tgt Ion: 43 Resp: 140765
Ion Ratio Lower Upper
43 100
70 49.5 39.8 59.8
55 26.0 19.9 29.9
61 26.7 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 51.746 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

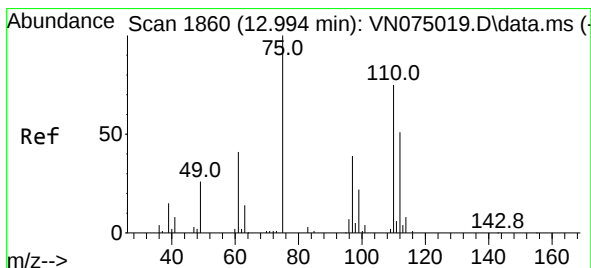
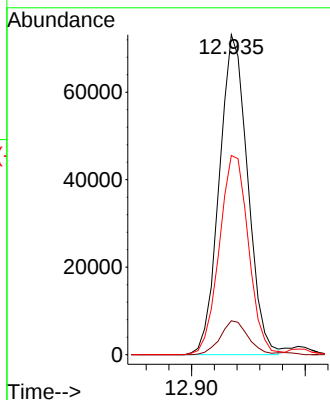
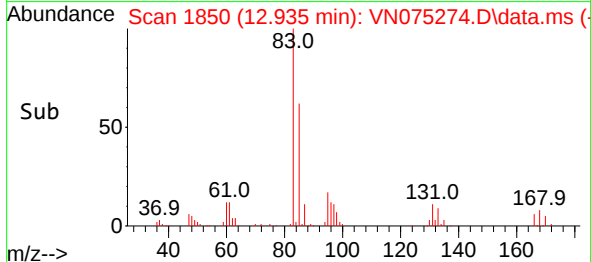
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



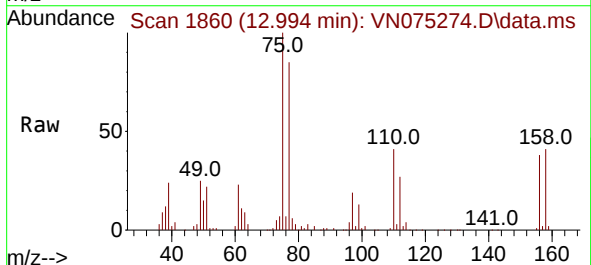
Tgt Ion: 83 Resp: 126785
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 64.3 31.6 94.7

Manual Integrations
APPROVED

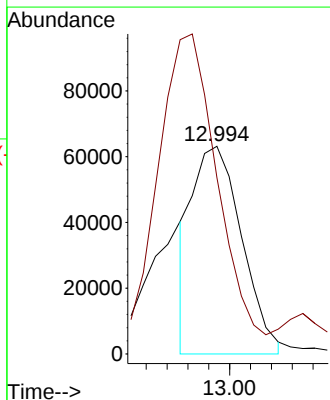
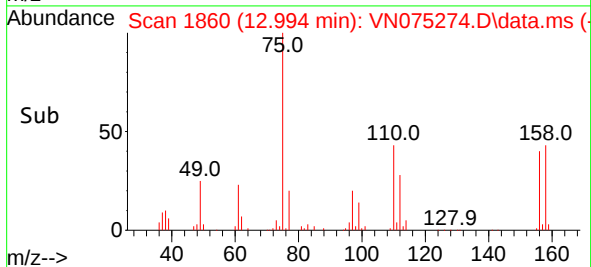
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

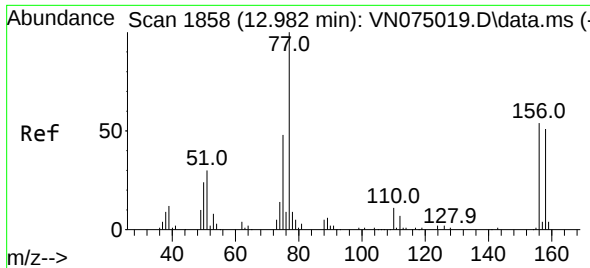


#76
1,2,3-Trichloropropane
Concen: 46.191 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



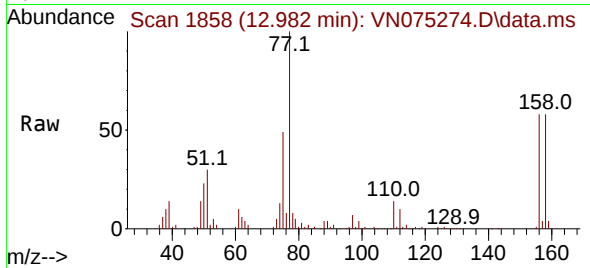
Tgt Ion: 75 Resp: 103829
Ion Ratio Lower Upper
75 100
77 190.3 75.6 226.8





#77
Bromobenzene
Concen: 53.737 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

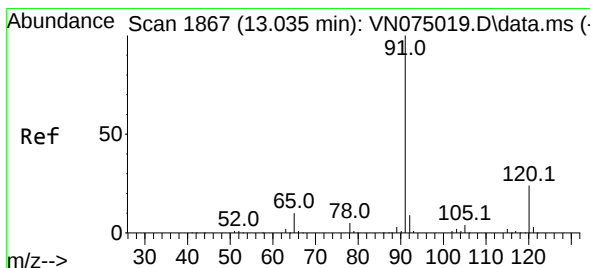
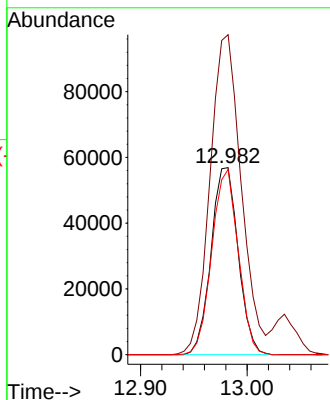
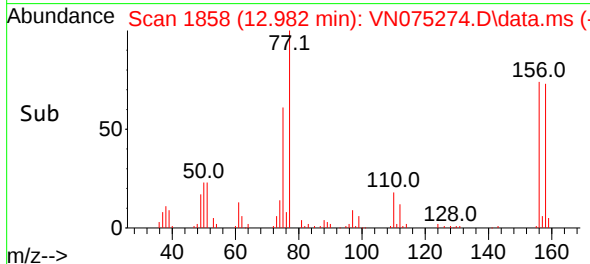
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



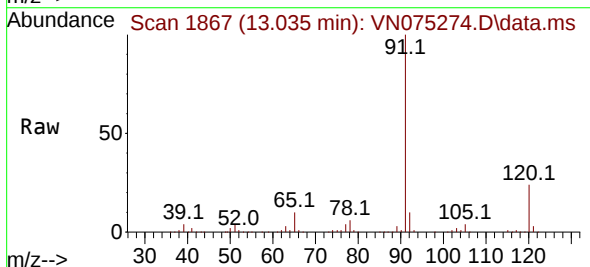
Tgt Ion:156 Resp: 100564
Ion Ratio Lower Upper
156 100
77 196.4 108.5 325.5
158 96.6 47.7 143.1

Manual Integrations
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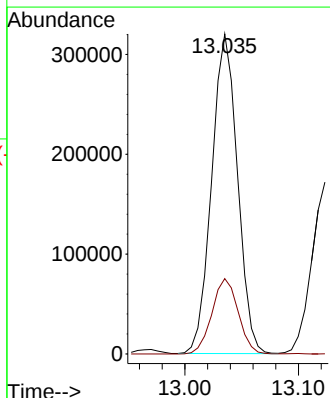
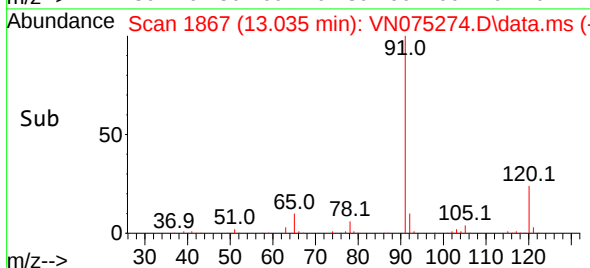
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

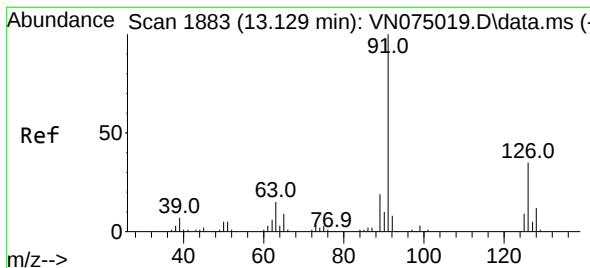


#78
n-propylbenzene
Concen: 52.977 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion: 91 Resp: 505516
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





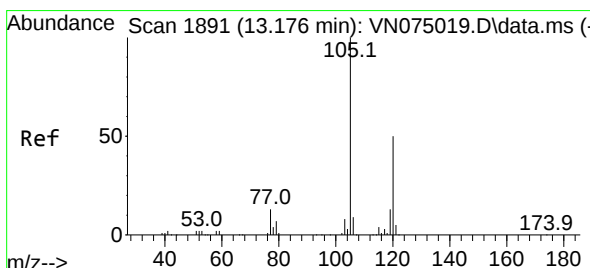
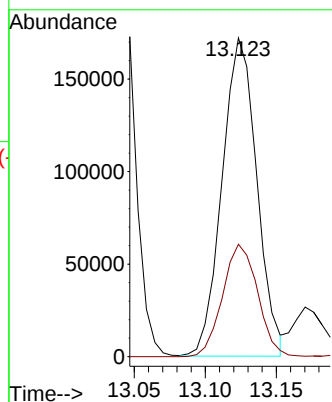
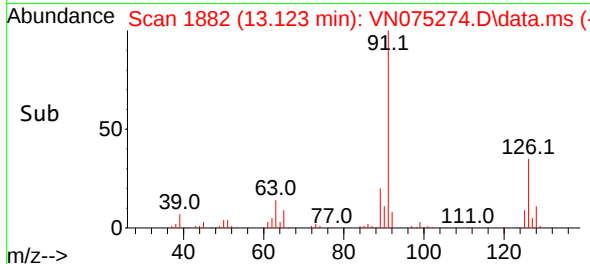
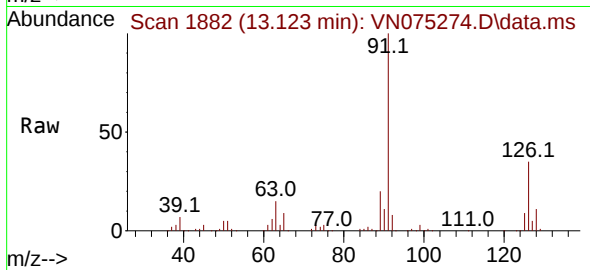
#79
2-Chlorotoluene
Concen: 50.243 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 292968
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

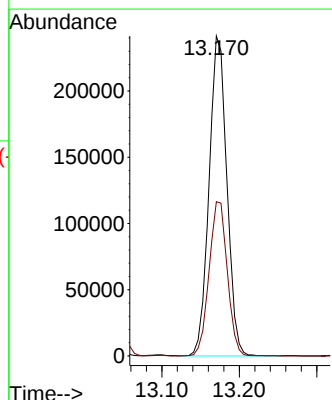
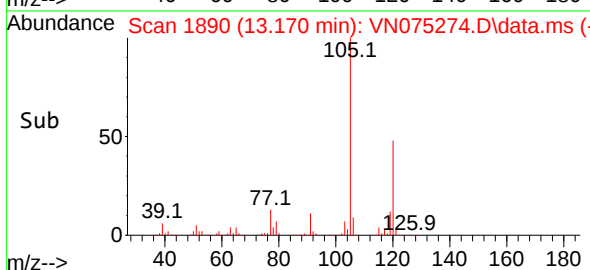
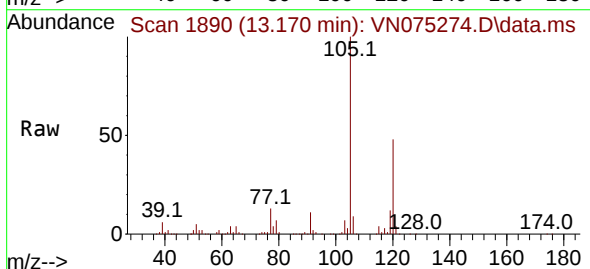
Manual Integrations
APPROVED

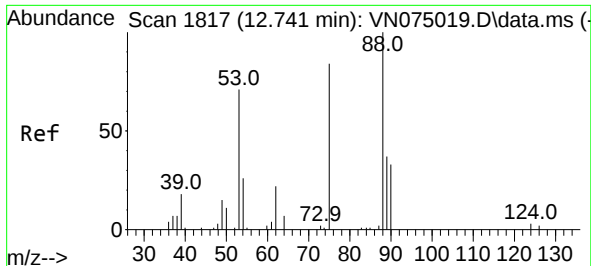
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.966 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

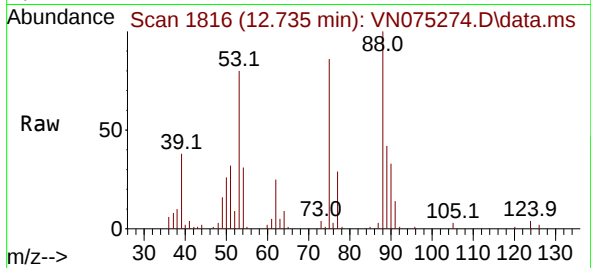
Tgt Ion:105 Resp: 385236
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 44.293 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

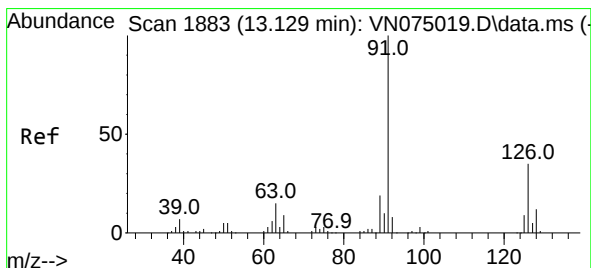
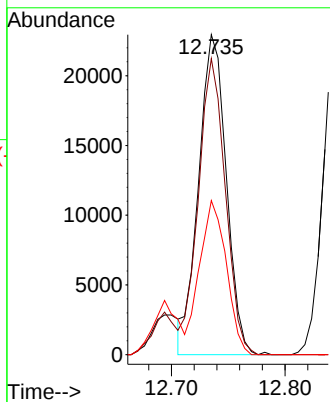
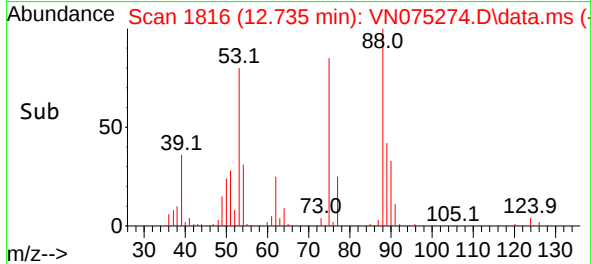
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 38780
Ion Ratio Lower Upper
75 100
53 90.4 78.5 117.7
89 46.6 37.7 56.5

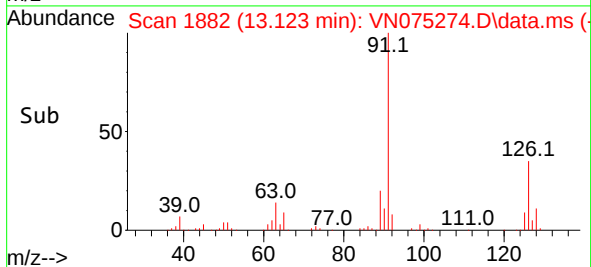
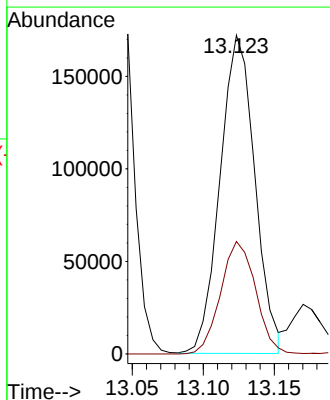
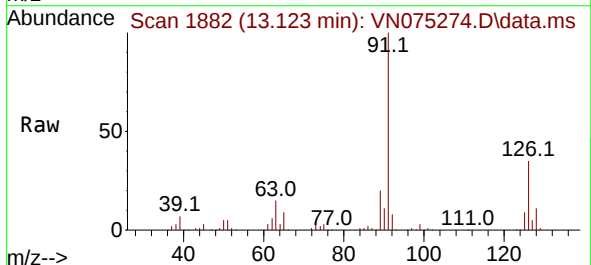
Manual Integrations
APPROVED

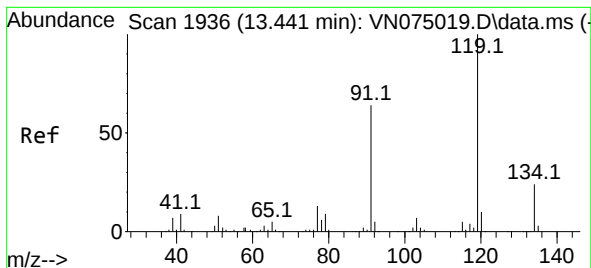
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#82
4-Chlorotoluene
Concen: 50.243 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

Tgt Ion: 91 Resp: 292968
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





#83

tert-Butylbenzene

Concen: 53.088 ug/l

RT: 13.435 min Scan# 1936

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 336740

Ion Ratio Lower Upper

119 100

91 62.7 32.8 98.4

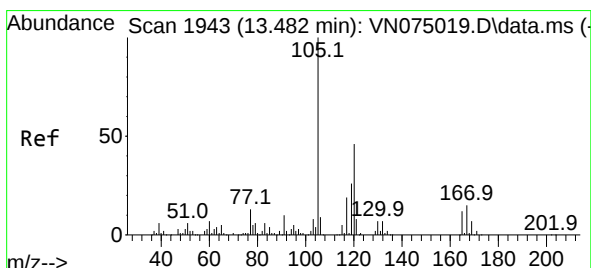
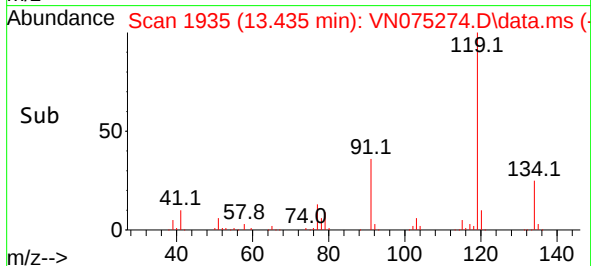
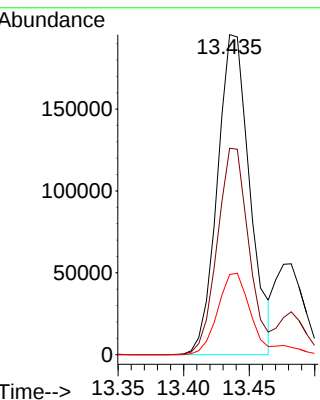
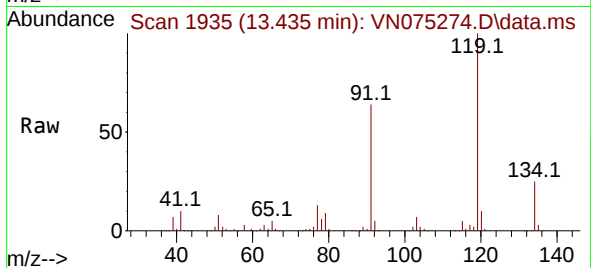
134 27.3 12.3 36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#84

1,2,4-Trimethylbenzene

Concen: 53.506 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075274.D

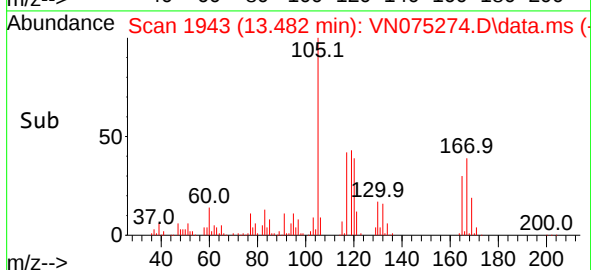
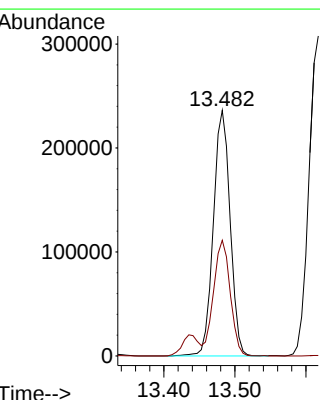
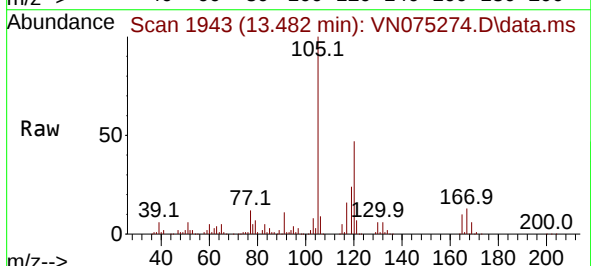
Acq: 15 Nov 2022 11:00

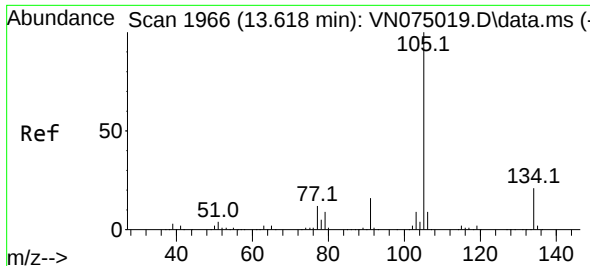
Tgt Ion:105 Resp: 386456

Ion Ratio Lower Upper

105 100

120 46.9 22.7 68.1





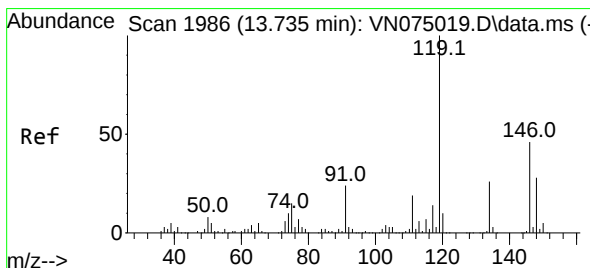
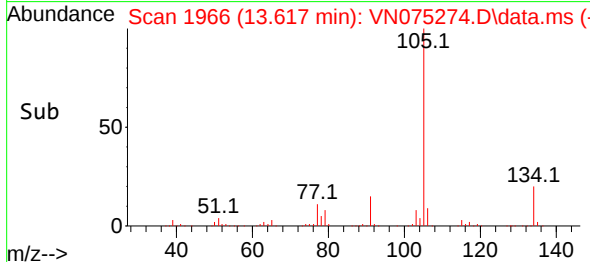
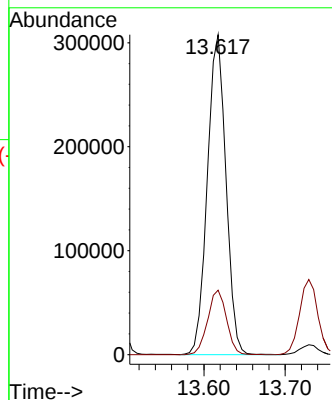
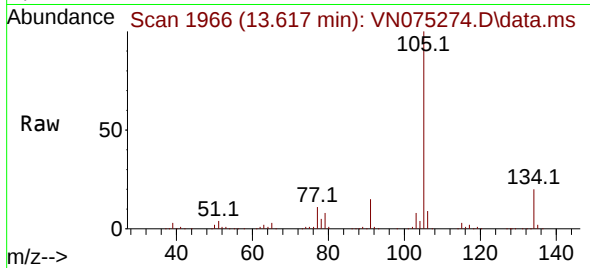
#85
 sec-Butylbenzene
 Concen: 55.023 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 48824
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

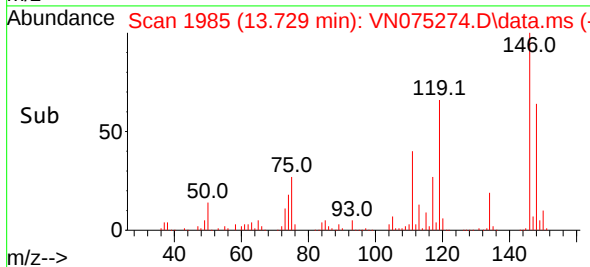
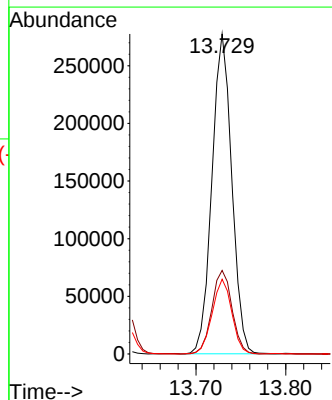
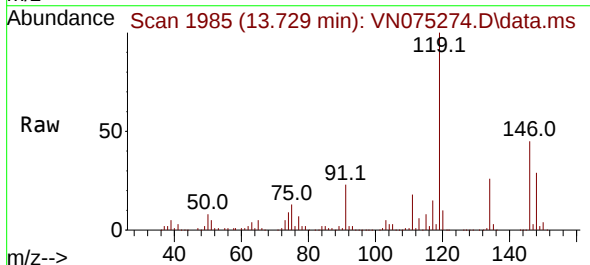
Manual Integrations
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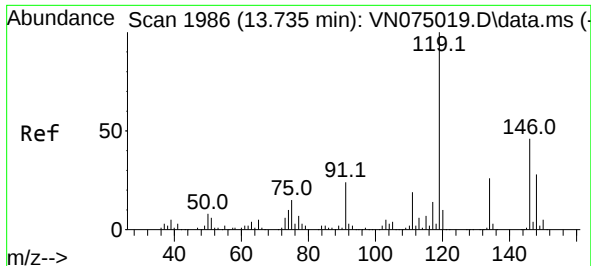
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#86
 p-Isopropyltoluene
 Concen: 57.988 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075274.D
 Acq: 15 Nov 2022 11:00

Tgt Ion:119 Resp: 424953
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 58.791 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 215410

Ion Ratio Lower Upper

146 100

111 38.0 20.8 62.5

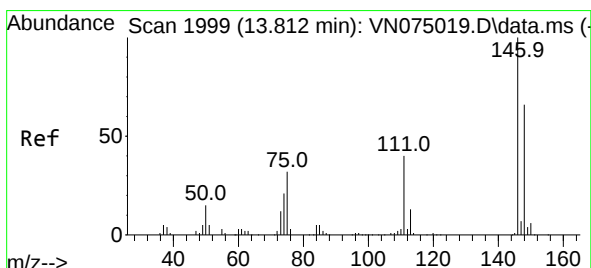
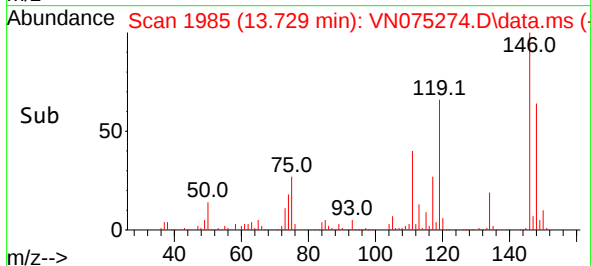
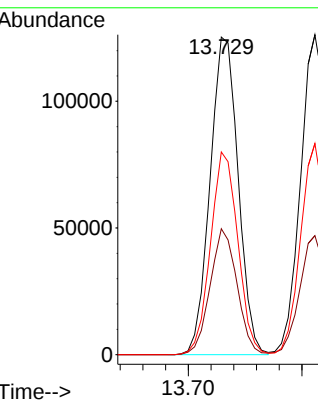
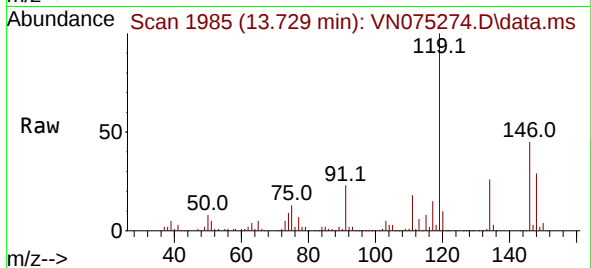
148 62.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#88

1,4-Dichlorobenzene

Concen: 58.232 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

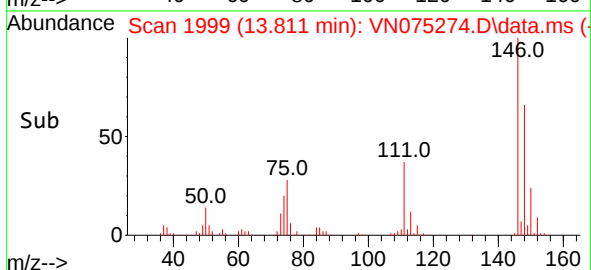
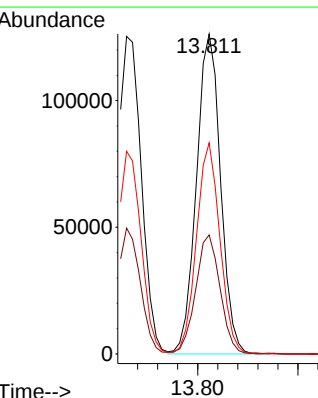
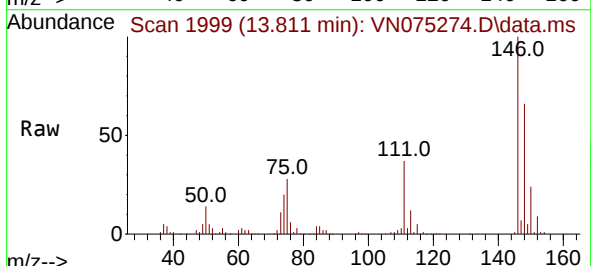
Tgt Ion:146 Resp: 211167

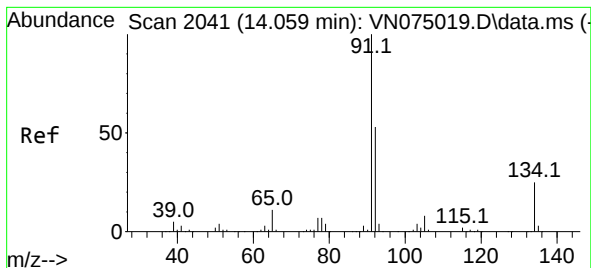
Ion Ratio Lower Upper

146 100

111 37.3 20.1 60.3

148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 60.032 ug/l

RT: 14.053 min Scan# 2041

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 35426

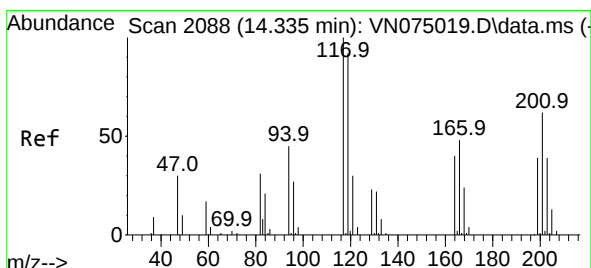
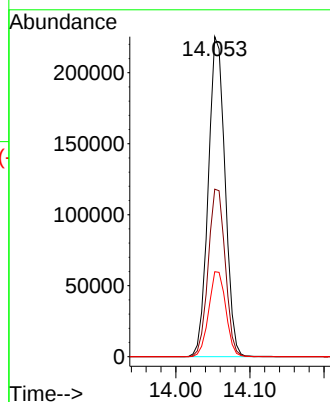
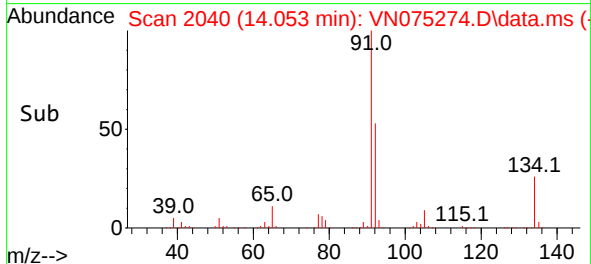
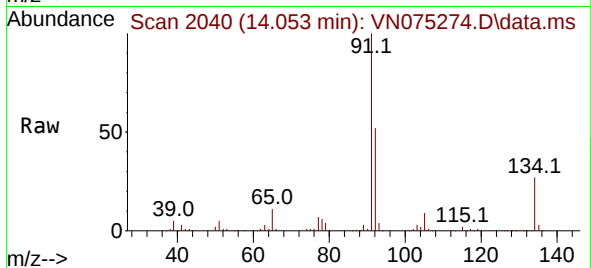
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.4
134	27.1	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#90

Hexachloroethane

Concen: 50.712 ug/l

RT: 14.329 min Scan# 2087

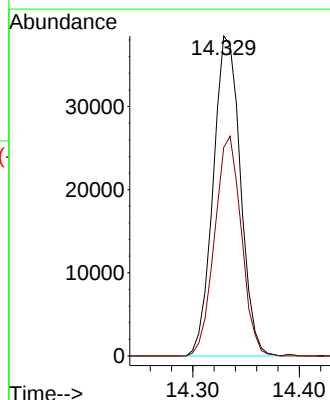
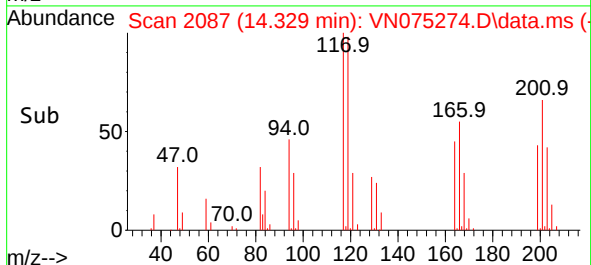
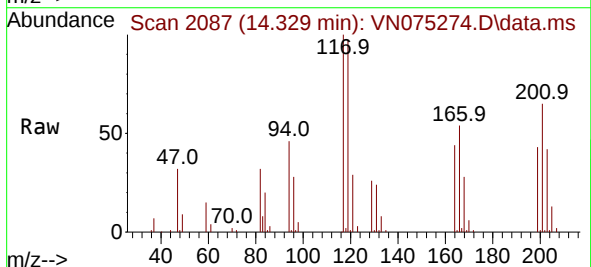
Delta R.T. -0.006 min

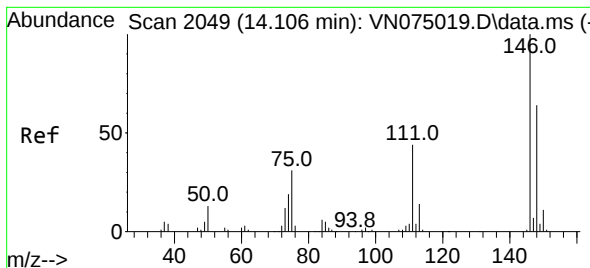
Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Tgt Ion:117 Resp: 68138

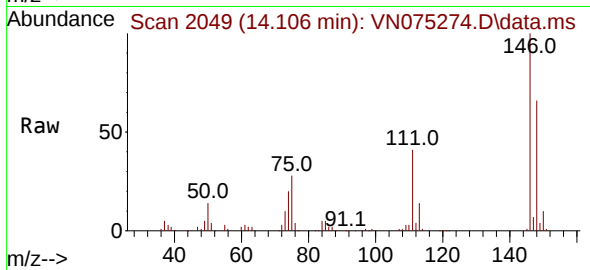
Ion	Ratio	Lower	Upper
117	100		
201	67.5	31.5	94.5





#91
1,2-Dichlorobenzene
Concen: 57.360 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

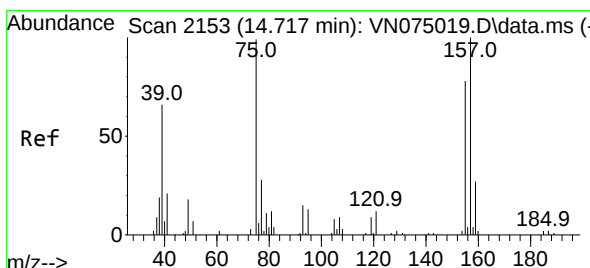
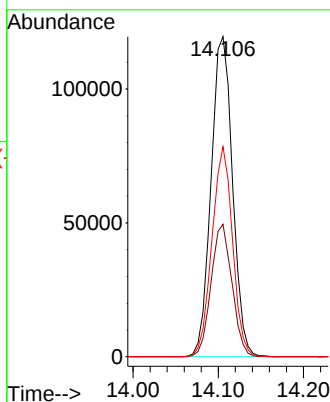
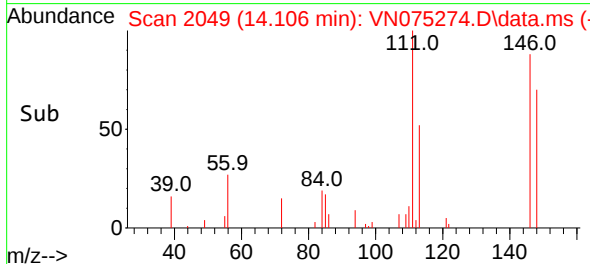
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



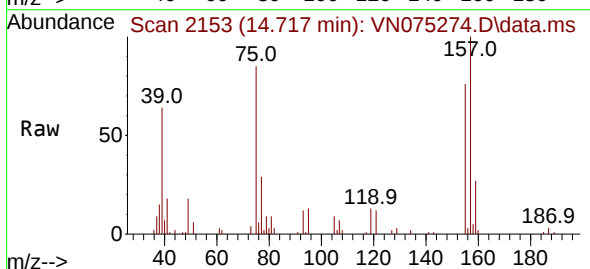
Tgt Ion:146 Resp: 208945
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 63.0 31.4 94.2

Manual Integrations
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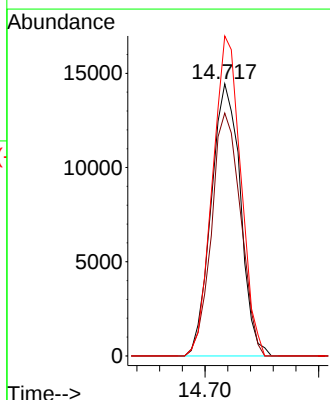
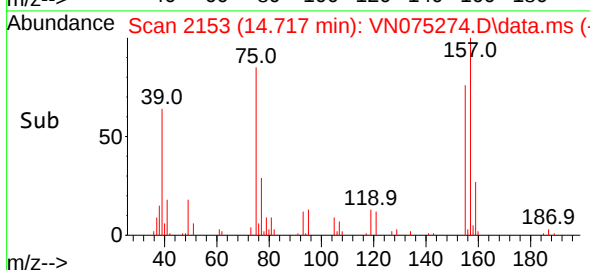
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

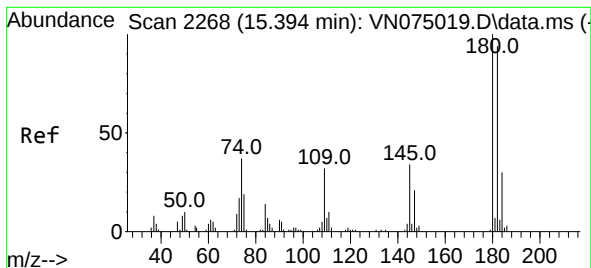


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.883 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion: 75 Resp: 25731
Ion Ratio Lower Upper
75 100
155 89.0 42.1 126.3
157 113.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 68.539 ug/l

RT: 15.388 min Scan# 2267

Delta R.T. -0.006 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10743

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.4

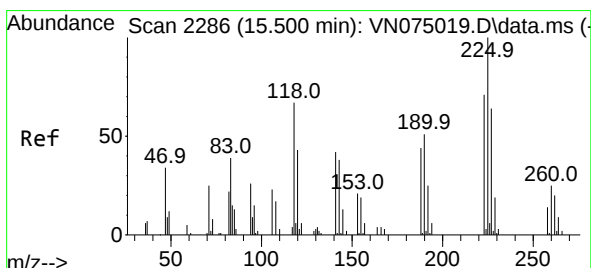
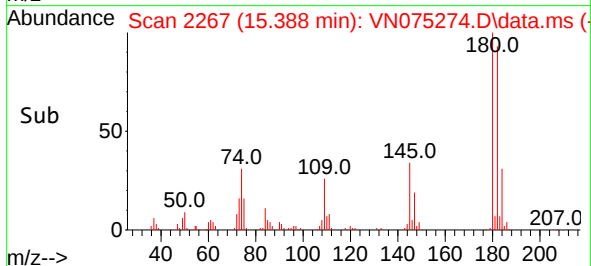
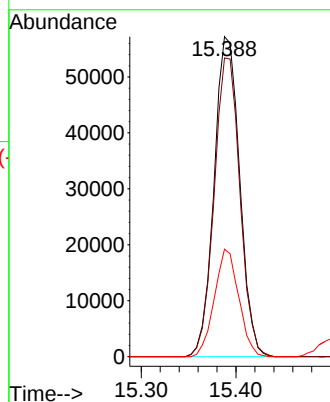
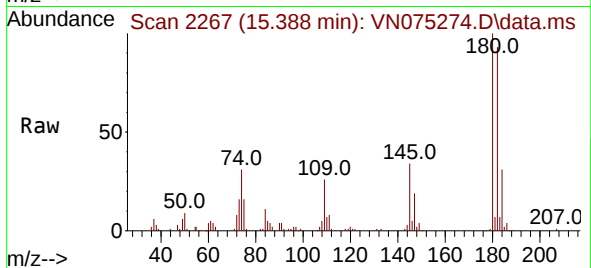
145 31.9 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#94

Hexachlorobutadiene

Concen: 66.714 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075274.D

Acq: 15 Nov 2022 11:00

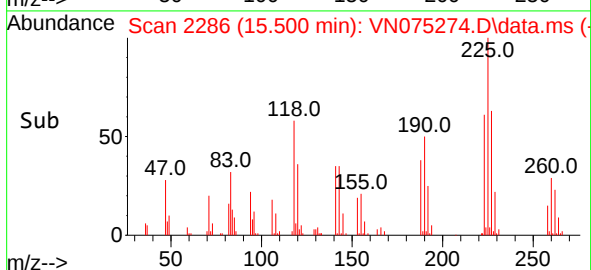
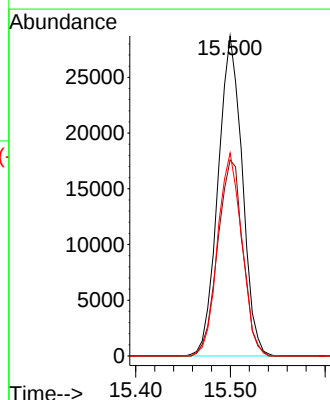
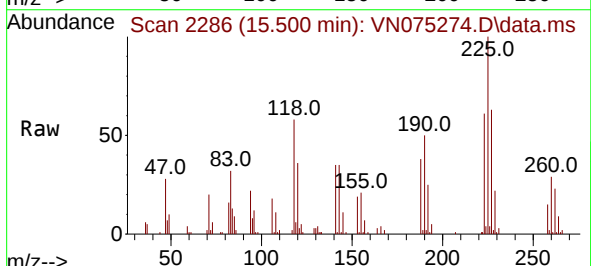
Tgt Ion:225 Resp: 50980

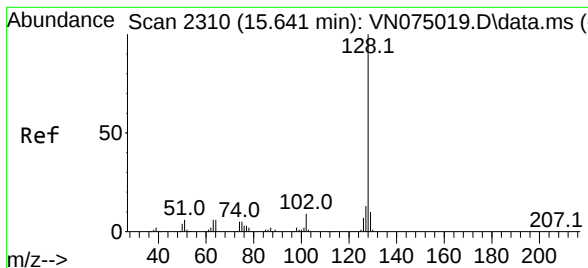
Ion Ratio Lower Upper

225 100

223 63.6 32.3 96.9

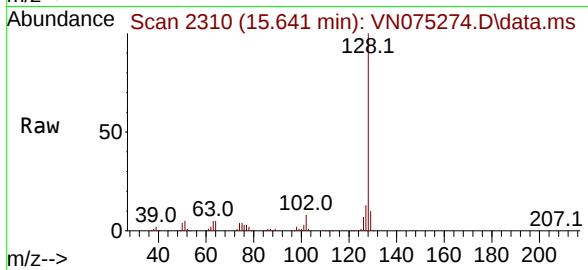
227 63.5 32.0 96.2





#95
Naphthalene
Concen: 57.811 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00

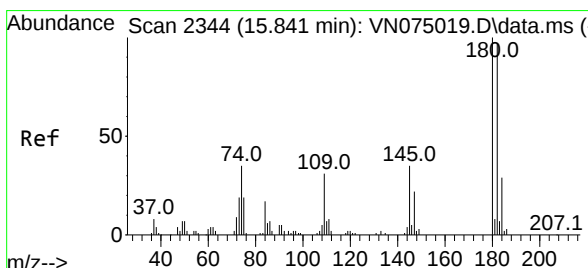
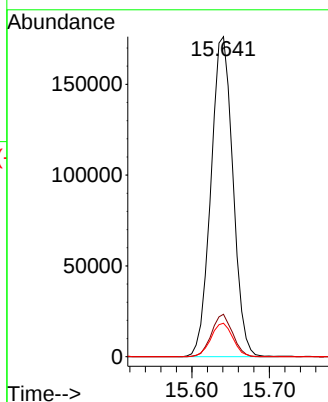
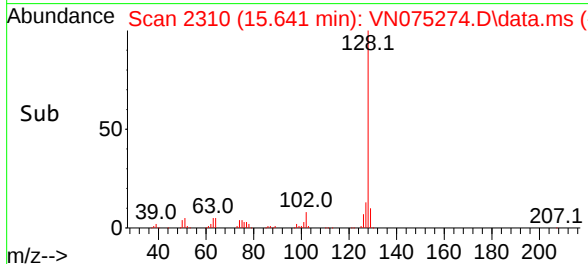
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



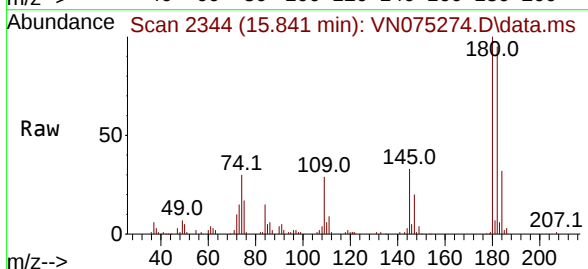
Tgt Ion:128 Resp: 34848
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 66.314 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075274.D
Acq: 15 Nov 2022 11:00



Tgt Ion:180 Resp: 103283
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.8
145 32.4 17.6 52.9

