

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075835.D
 Acq On : 16 Dec 2022 09:54
 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 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:28:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	496269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	446933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178044	53.268	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	8.171	113	160558	52.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	10.571	98	609588	53.050	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.853	95	210240	55.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	104963	48.116	ug/l	98
3) Chloromethane	2.377	50	123215	45.423	ug/l	95
4) Vinyl Chloride	2.530	62	153260	47.365	ug/l	98
5) Bromomethane	2.930	94	135105	49.130	ug/l	98
6) Chloroethane	3.112	64	114159	47.642	ug/l	99
7) Trichlorofluoromethane	3.500	101	238300	48.534	ug/l	98
8) Diethyl Ether	3.971	74	94319	52.595	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	141333	50.410	ug/l	99
10) Methyl Iodide	4.600	142	225815	49.629	ug/l	99
11) Tert butyl alcohol	5.541	59	116121	245.525	ug/l	99
12) 1,1-Dichloroethene	4.353	96	132709	48.737	ug/l	98
13) Acrolein	4.189	56	152265	262.607	ug/l	98
14) Allyl chloride	5.042	41	158147	49.682	ug/l	90
15) Acrylonitrile	5.730	53	330052	255.725	ug/l	100
16) Acetone	4.442	43	325500	282.503	ug/l	99
17) Carbon Disulfide	4.724	76	317592	48.172	ug/l	98
18) Methyl Acetate	5.036	43	169058	49.638	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	471516	52.583	ug/l	98
20) Methylene Chloride	5.289	84	155828	50.564	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	147940	49.609	ug/l	99
22) Diisopropyl ether	6.683	45	405500	52.440	ug/l	98
23) Vinyl Acetate	6.612	43	1373636	263.923	ug/l	98
24) 1,1-Dichloroethane	6.583	63	260873	50.585	ug/l	99
25) 2-Butanone	7.488	43	440600	273.106	ug/l	95
26) 2,2-Dichloropropane	7.494	77	230046	52.675	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	180682	50.660	ug/l	97
28) Bromochloromethane	7.818	49	115988	51.314	ug/l	98
29) Tetrahydrofuran	7.847	42	272962	269.990	ug/l	97
30) Chloroform	7.971	83	291235	50.158	ug/l	92
31) Cyclohexane	8.259	56	223844	46.761	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	261788	50.855	ug/l	99
36) 1,1-Dichloropropene	8.377	75	210281	51.507	ug/l	99
37) Ethyl Acetate	7.565	43	164442	50.145	ug/l	98
38) Carbon Tetrachloride	8.365	117	231599	50.685	ug/l	98
39) Methylcyclohexane	9.606	83	267535	54.318	ug/l	98
40) Benzene	8.612	78	632565	50.218	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	90810	53.275	ug/l	98
42) 1,2-Dichloroethane	8.677	62	215603	51.485	ug/l	99
43) Isopropyl Acetate	8.694	43	289045	53.433	ug/l	100
44) Trichloroethene	9.359	130	169746	47.835	ug/l	96
45) 1,2-Dichloropropane	9.624	63	156929	51.196	ug/l	95
46) Dibromomethane	9.712	93	113958	50.125	ug/l	99
47) Bromodichloromethane	9.888	83	231148	51.845	ug/l	97
48) Methyl methacrylate	9.682	41	132465	54.369	ug/l	99
49) 1,4-Dioxane	9.700	88	65834	1099.117	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	893001	272.969	ug/l	99
52) Toluene	10.635	92	427418	52.101	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	242946	55.667	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	261823	54.641	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	169767	52.723	ug/l	99
56) Ethyl methacrylate	10.876	69	241108	56.373	ug/l	98
57) 1,3-Dichloropropane	11.165	76	277307	52.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	456804	335.463	ug/l	99
59) 2-Hexanone	11.200	43	681885	285.815	ug/l	100
60) Dibromochloromethane	11.365	129	188327	52.592	ug/l	98
61) 1,2-Dibromoethane	11.470	107	170470	52.315	ug/l	98
64) Tetrachloroethene	11.106	164	153093	48.679	ug/l	98
65) Chlorobenzene	11.894	112	456116	49.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	175233	51.574	ug/l	100
67) Ethyl Benzene	11.965	91	834069	53.873	ug/l	99
68) m/p-Xylenes	12.076	106	664636	108.463	ug/l	99
69) o-Xylene	12.400	106	325126	53.615	ug/l	100
70) Styrene	12.417	104	530651	55.036	ug/l	99
71) Bromoform	12.582	173	135093	54.641	ug/l #	99
73) Isopropylbenzene	12.700	105	848714	52.286	ug/l	99
74) N-amyl acetate	12.500	43	261790	54.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	237579	47.346	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	208104m	45.961	ug/l	
77) Bromobenzene	12.982	156	201299	49.002	ug/l	100
78) n-propylbenzene	13.041	91	969302	54.142	ug/l	99
79) 2-Chlorotoluene	13.129	91	565691	50.618	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	720429	53.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	69940	55.601	ug/l	99
82) 4-Chlorotoluene	13.129	91	565691	50.618	ug/l	100
83) tert-Butylbenzene	13.441	119	652811	54.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	719451	53.382	ug/l	99
85) sec-Butylbenzene	13.623	105	904569	54.715	ug/l	100
86) p-Isopropyltoluene	13.735	119	774142	56.275	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	377667	49.770	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	371852	47.969	ug/l	100
89) n-Butylbenzene	14.059	91	638373	57.281	ug/l	100
90) Hexachloroethane	14.335	117	133997	54.454	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	367257	49.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41287	46.369	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	197883	53.476	ug/l	99
94) Hexachlorobutadiene	15.506	225	101748	50.398	ug/l	99
95) Naphthalene	15.647	128	559493	45.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	187955	54.345	ug/l	99

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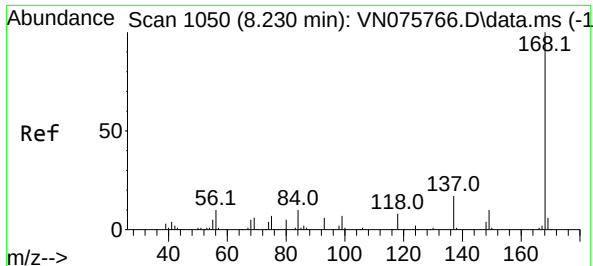
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

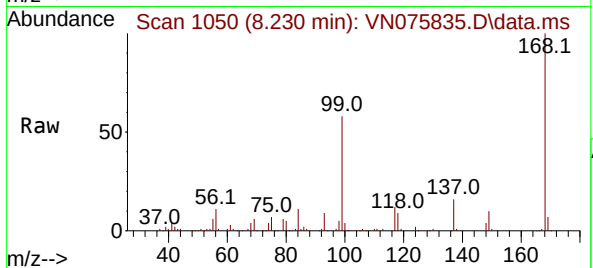
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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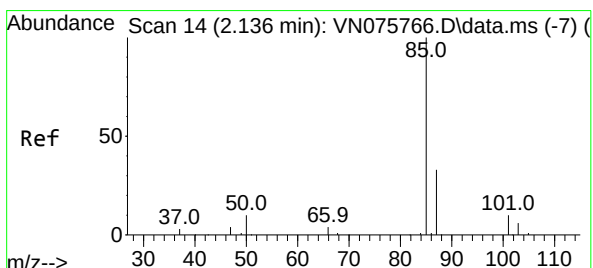
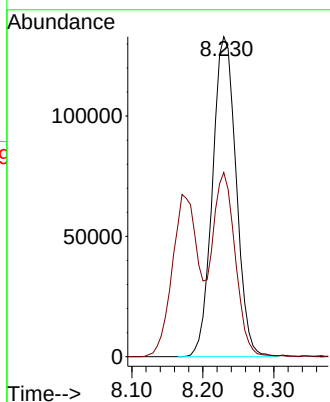
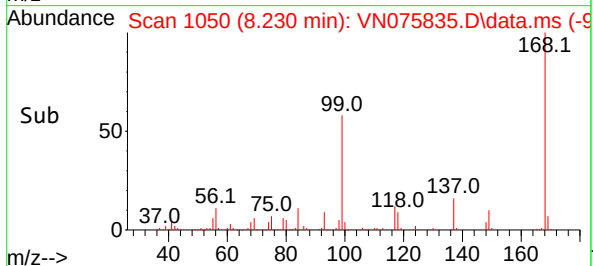
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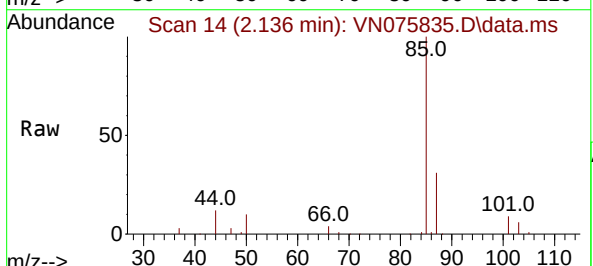
Tgt Ion:168 Resp: 307235
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4

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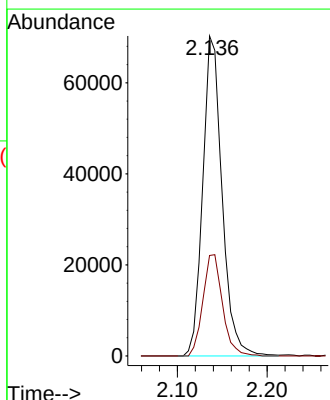
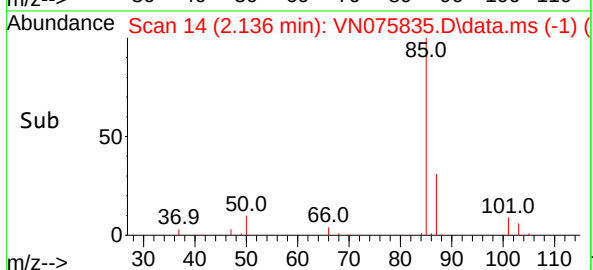
Reviewed By :John Carlone 12/19/2022
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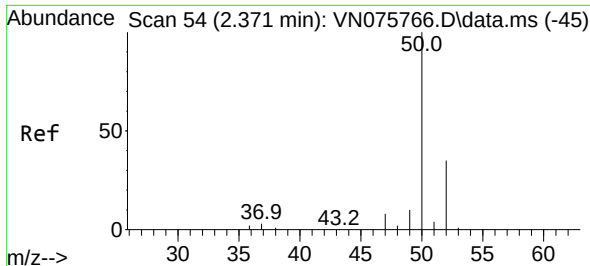


#2
Dichlorodifluoromethane
Concen: 48.116 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion: 85 Resp: 104963
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





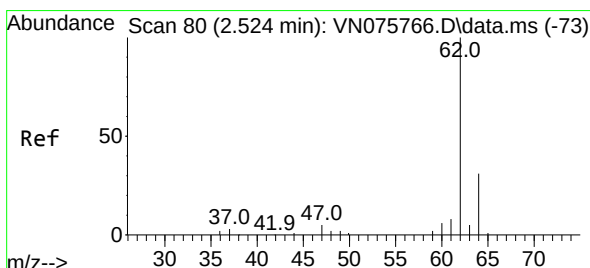
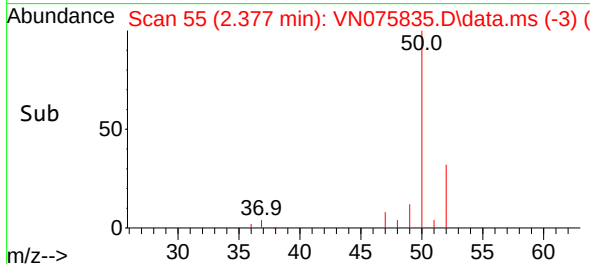
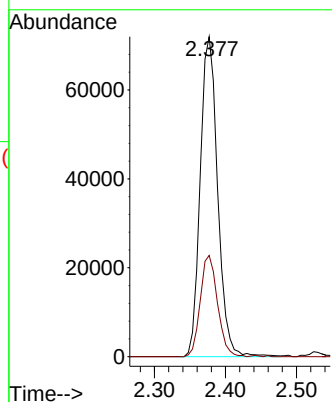
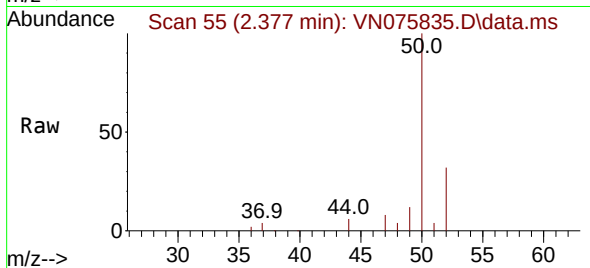
#3
Chloromethane
Concen: 45.423 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

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Tgt Ion: 50 Resp: 123215
Ion Ratio Lower Upper
50 100
52 31.6 27.7 41.5

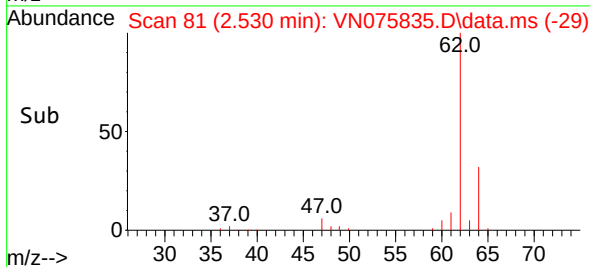
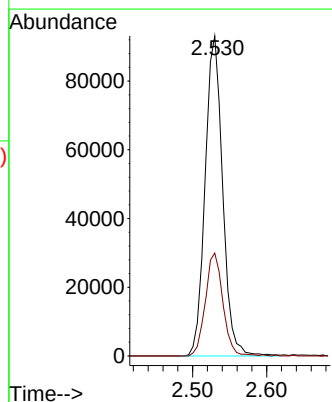
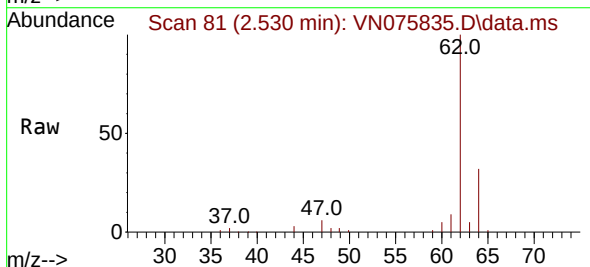
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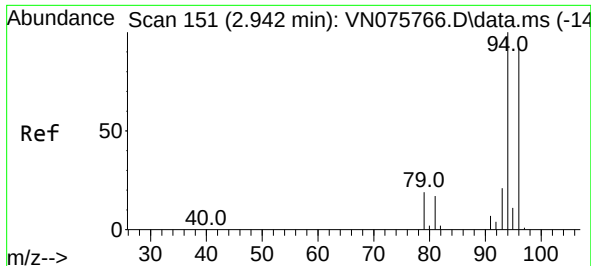
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#4
Vinyl Chloride
Concen: 47.365 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 62 Resp: 153260
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





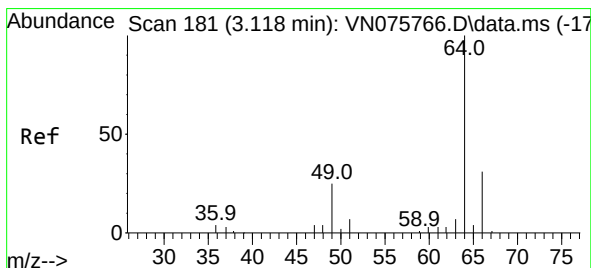
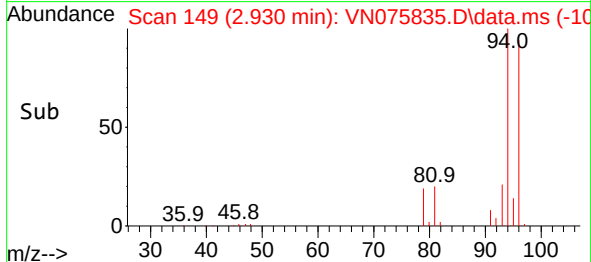
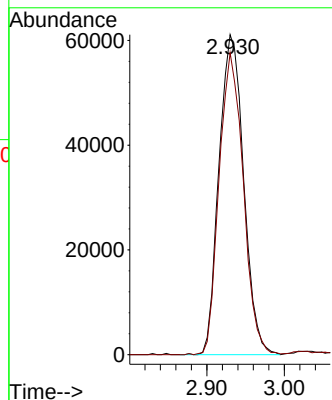
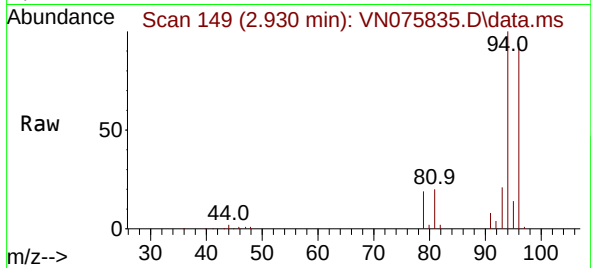
#5
Bromomethane
Concen: 49.130 ug/l
RT: 2.930 min Scan# 149
Delta R.T. -0.012 min
Lab File: VN075835.D
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Instrument :
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Tgt Ion: 94 Resp: 13510
Ion Ratio Lower Upper
94 100
96 94.4 73.8 110.6

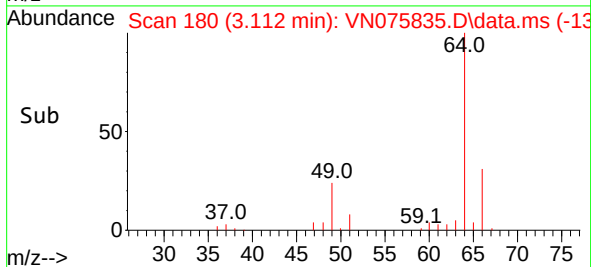
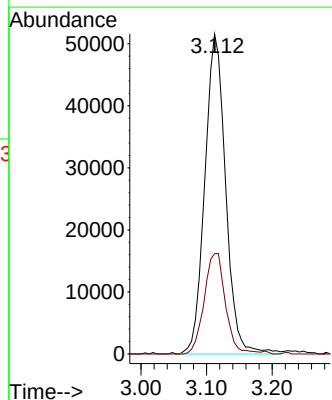
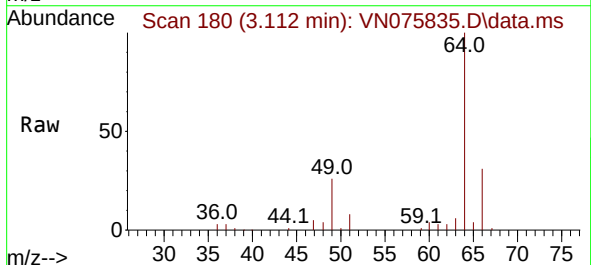
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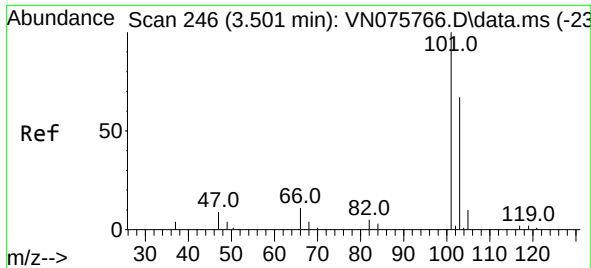
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 47.642 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
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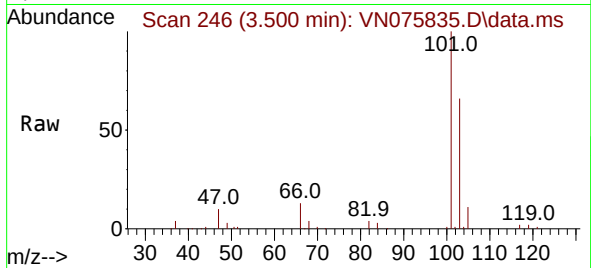
Tgt Ion: 64 Resp: 114159
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.534 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.000 min
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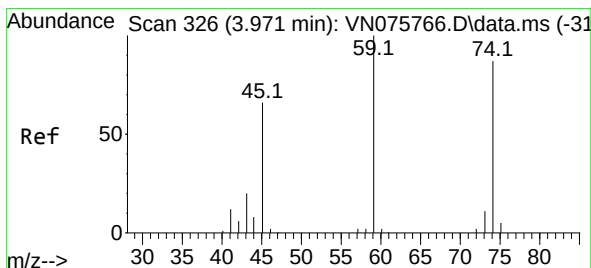
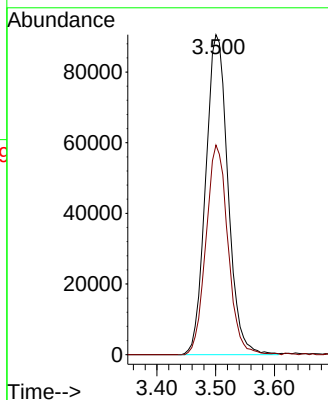
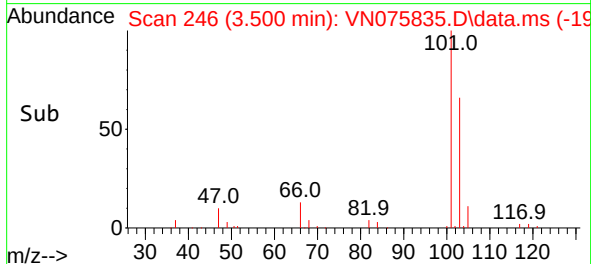
Instrument :
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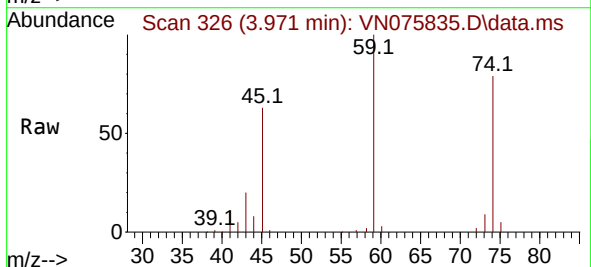
Tgt Ion:101 Resp: 238300
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.4 80.2

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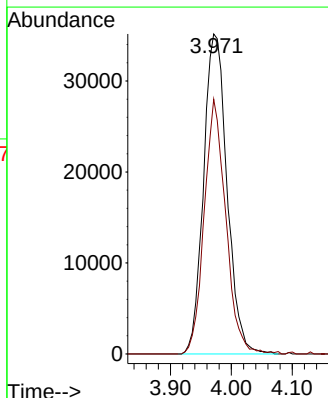
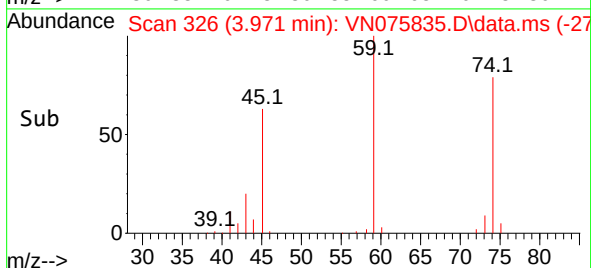
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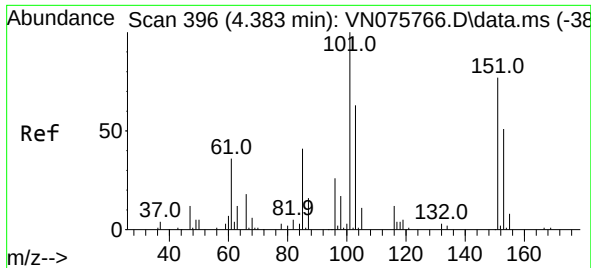


#8
 Diethyl Ether
 Concen: 52.595 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 94319
 Ion Ratio Lower Upper
 74 100
 45 73.0 37.8 113.4





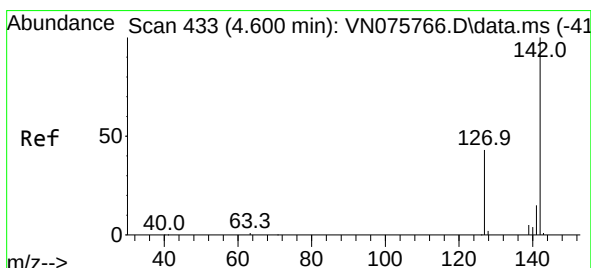
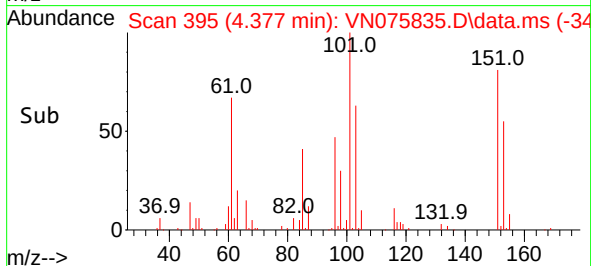
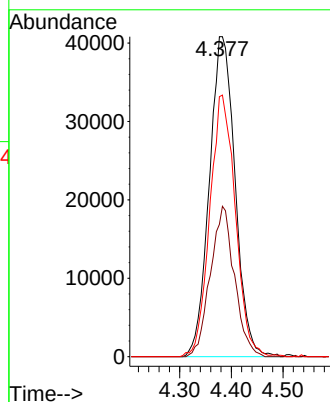
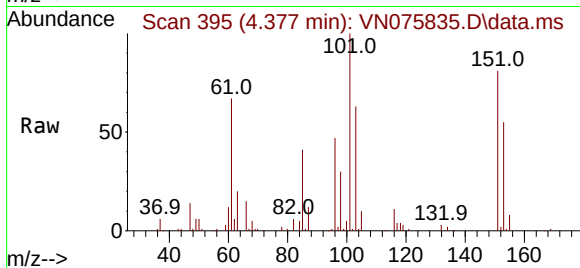
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.410 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14133
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 80.9 65.6 98.4

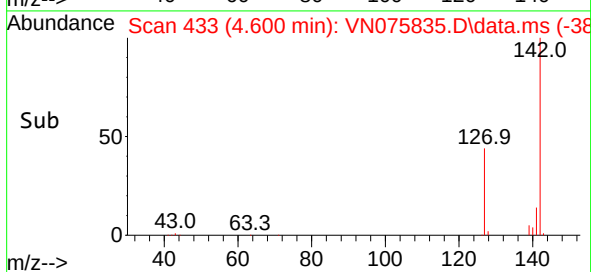
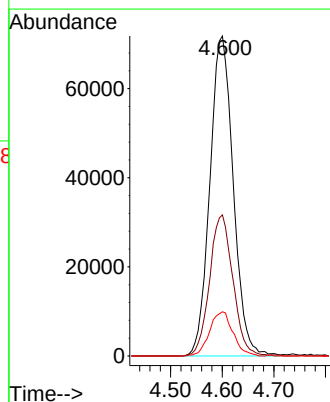
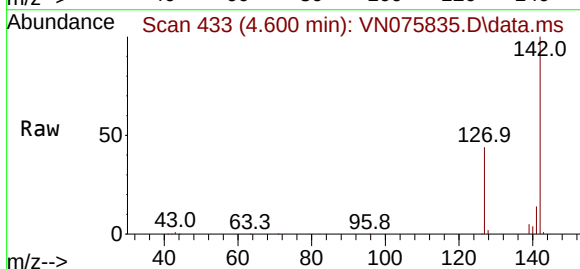
Manual Integrations
APPROVED

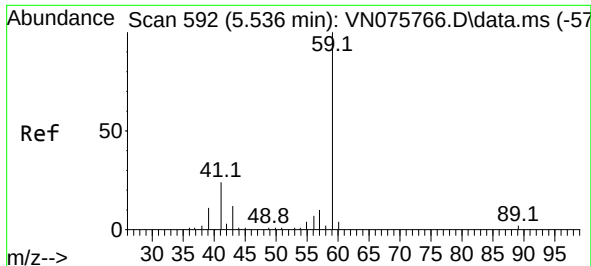
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 49.629 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion:142 Resp: 225815
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 13.8 11.4 17.2





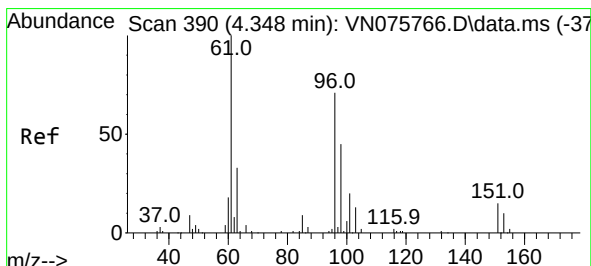
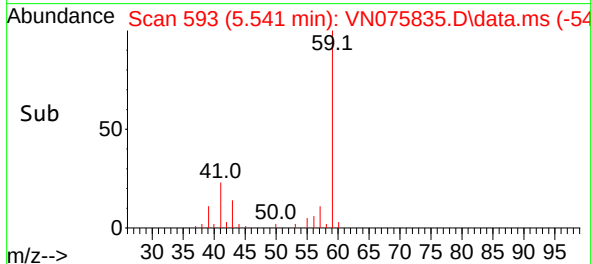
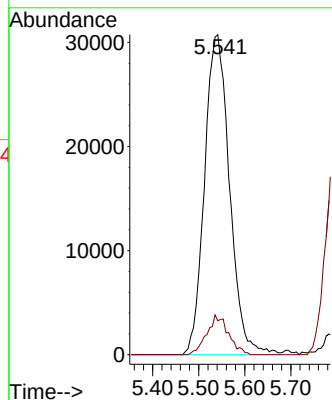
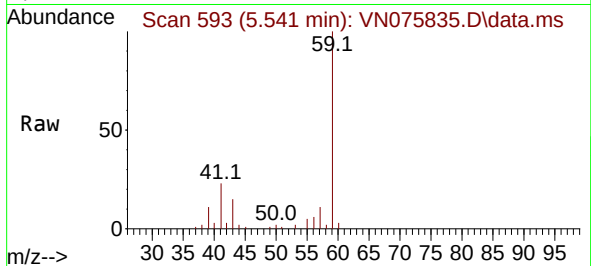
#11
Tert butyl alcohol
Concen: 245.525 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11612
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

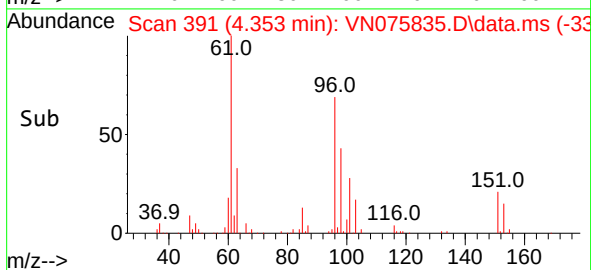
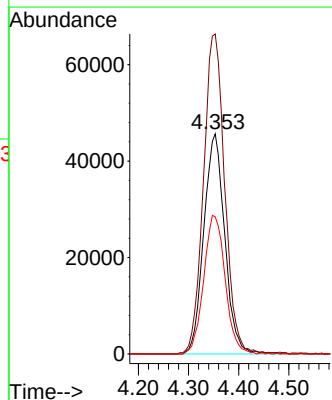
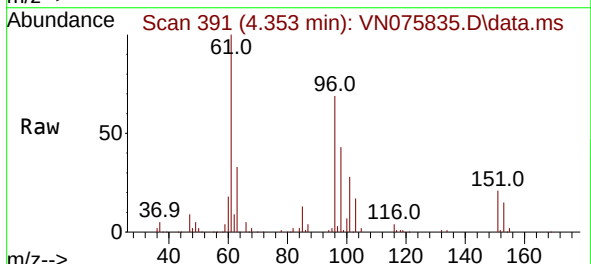
Manual Integrations
APPROVED

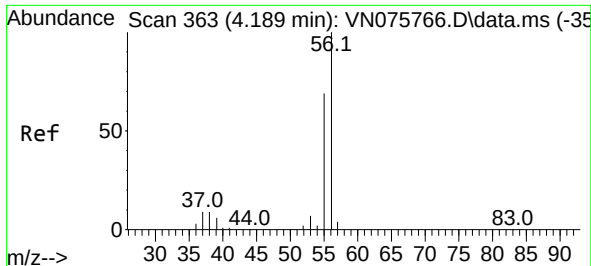
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
1,1-Dichloroethene
Concen: 48.737 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

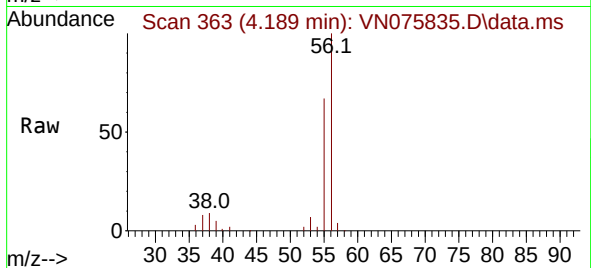
Tgt Ion: 96 Resp: 132709
Ion Ratio Lower Upper
96 100
61 144.7 113.3 169.9
98 62.2 50.9 76.3





#13
Acrolein
Concen: 262.607 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

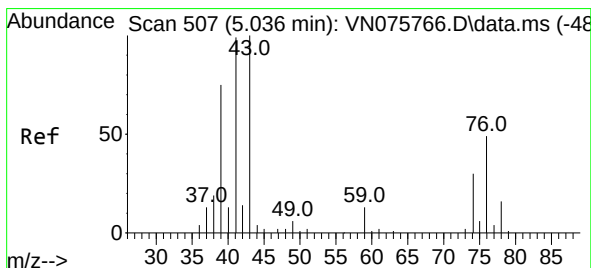
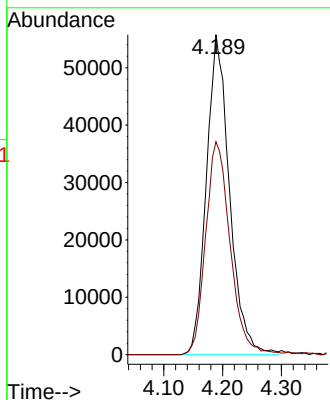
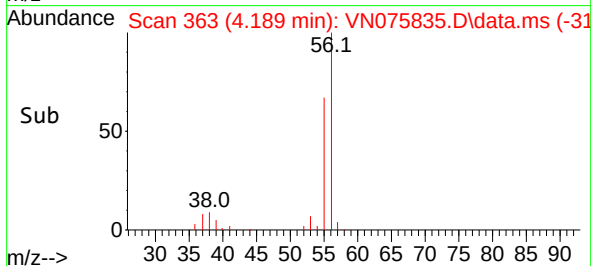
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



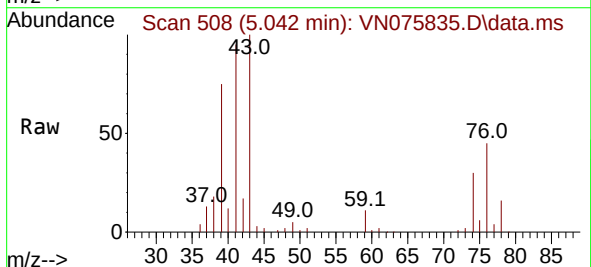
Tgt Ion: 56 Resp: 15226
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
APPROVED

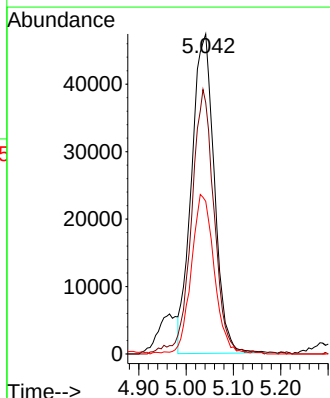
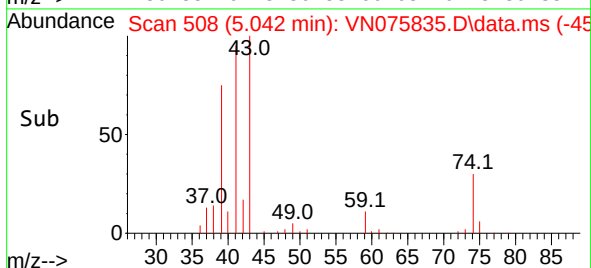
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

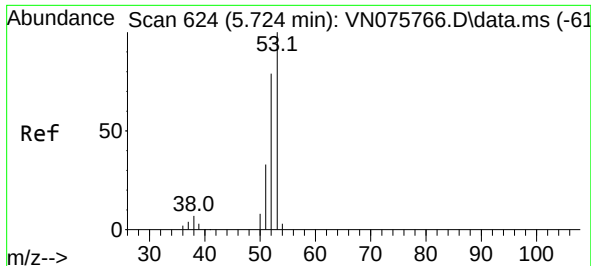


#14
Allyl chloride
Concen: 49.682 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



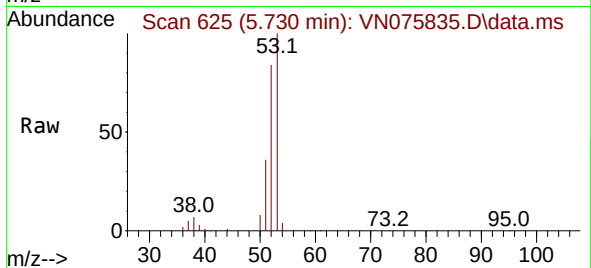
Tgt Ion: 41 Resp: 158147
Ion Ratio Lower Upper
41 100
39 82.2 58.3 87.5
76 50.4 35.8 53.6





#15
Acrylonitrile
Concen: 255.725 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

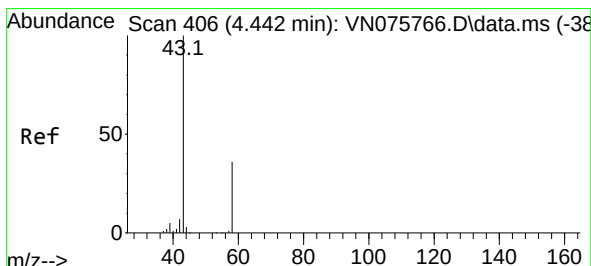
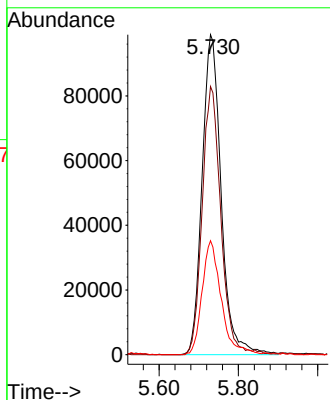
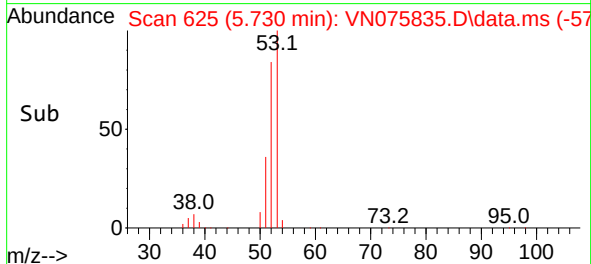
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 330052
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.0
51 35.7 28.9 43.3

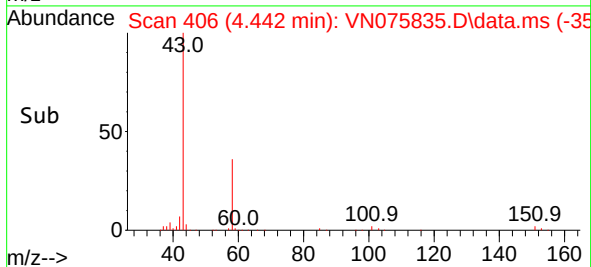
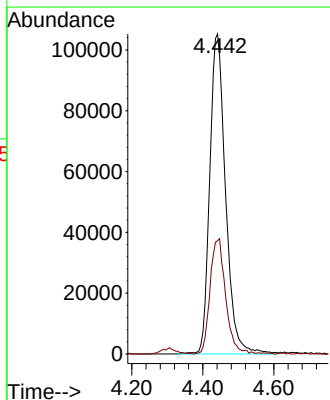
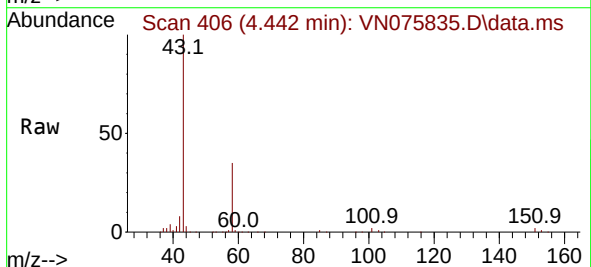
Manual Integrations
APPROVED

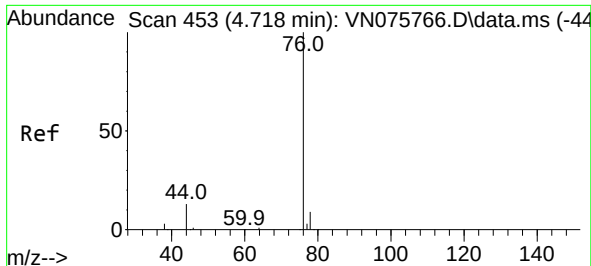
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 282.503 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

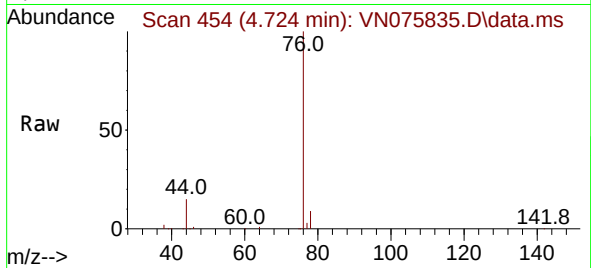
Tgt Ion: 43 Resp: 325500
Ion Ratio Lower Upper
43 100
58 35.2 28.6 43.0





#17
Carbon Disulfide
Concen: 48.172 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

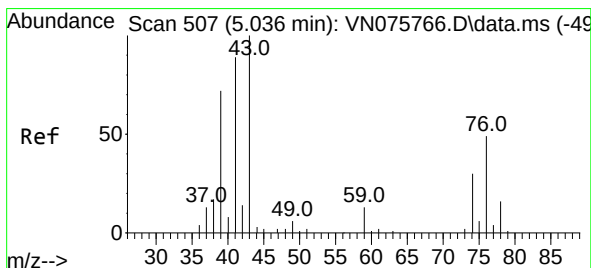
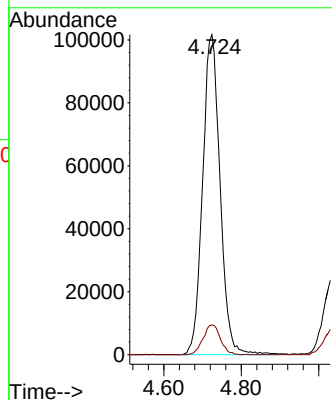
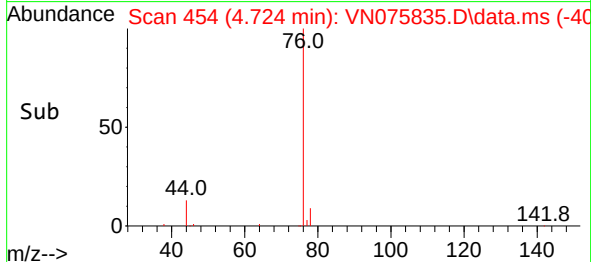
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



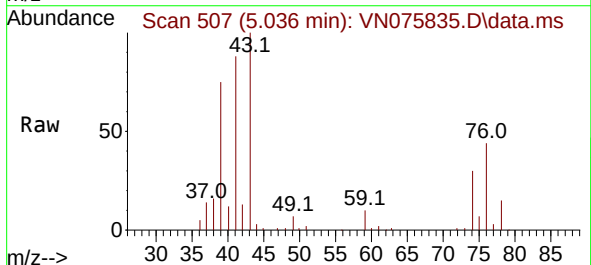
Tgt Ion: 76 Resp: 317592
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

Manual Integrations
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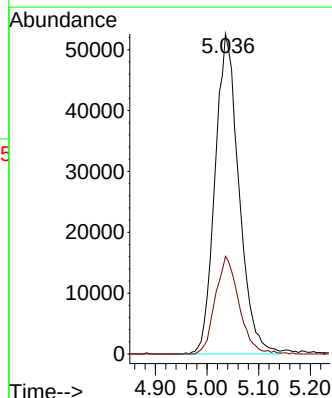
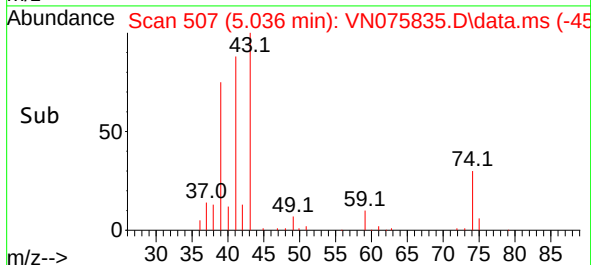
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

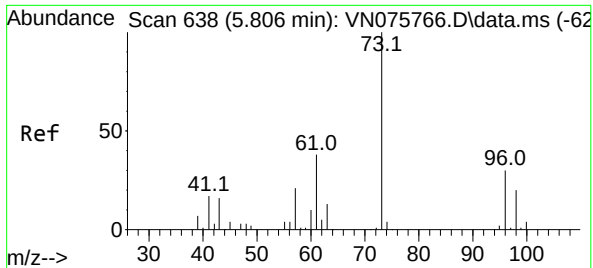


#18
Methyl Acetate
Concen: 49.638 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion: 43 Resp: 169058
Ion Ratio Lower Upper
43 100
74 30.3 23.6 35.4





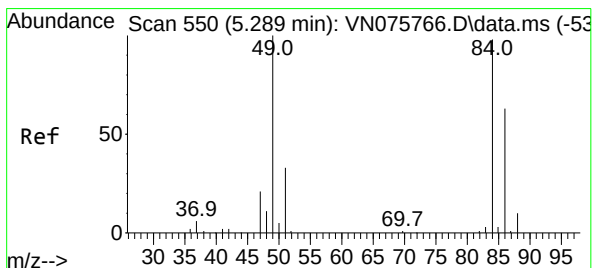
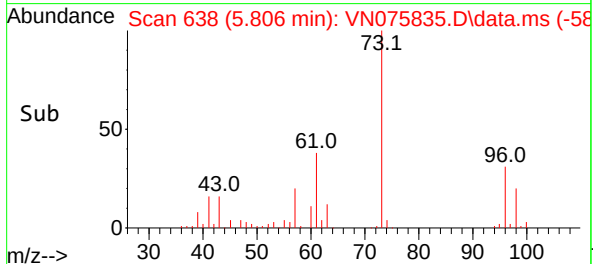
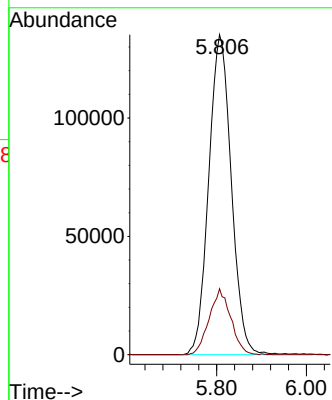
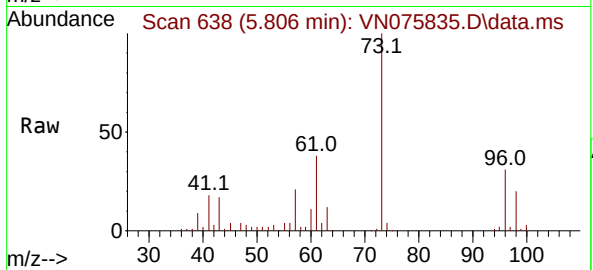
#19
Methyl tert-butyl Ether
Concen: 52.583 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 471510
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7

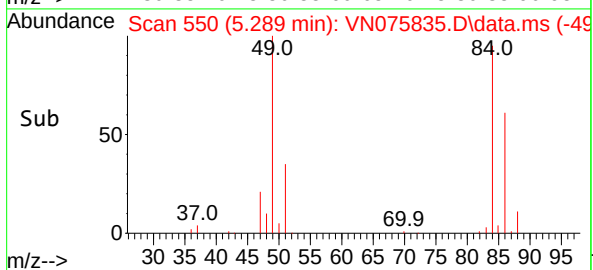
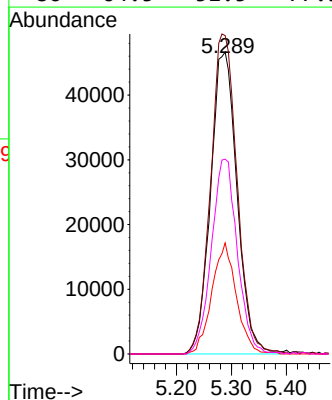
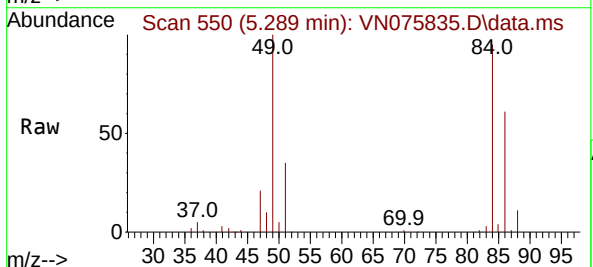
Manual Integrations
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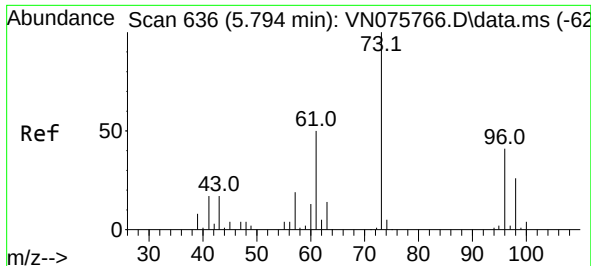
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 50.564 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 84 Resp: 155828
Ion Ratio Lower Upper
84 100
49 105.4 81.8 122.6
51 36.8 26.7 40.1
86 64.5 51.5 77.3





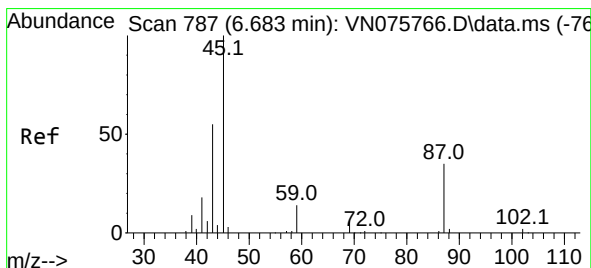
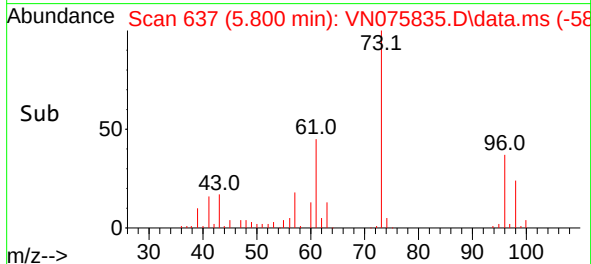
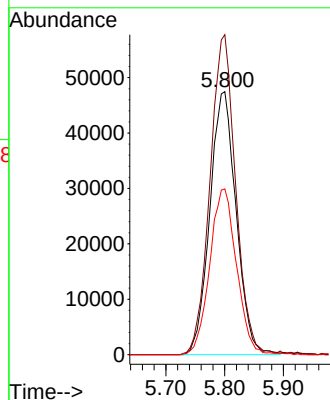
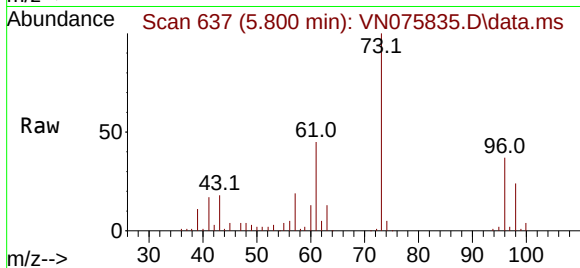
#21
trans-1,2-Dichloroethene
Concen: 49.609 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 147940
Ion Ratio Lower Upper
96 100
61 121.6 98.1 147.1
98 63.0 51.4 77.2

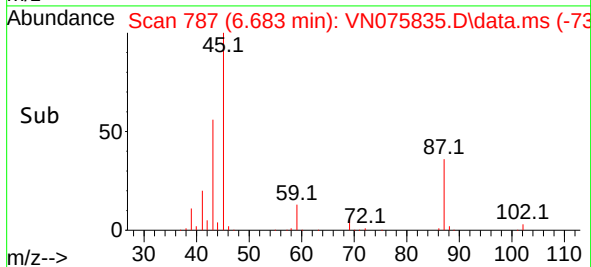
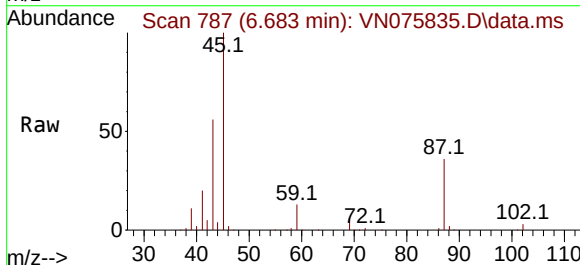
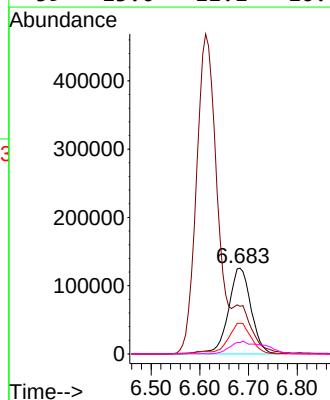
Manual Integrations
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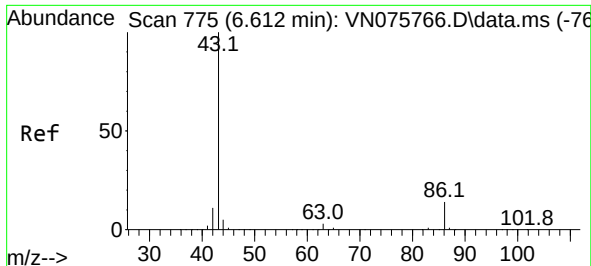
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
Diisopropyl ether
Concen: 52.440 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

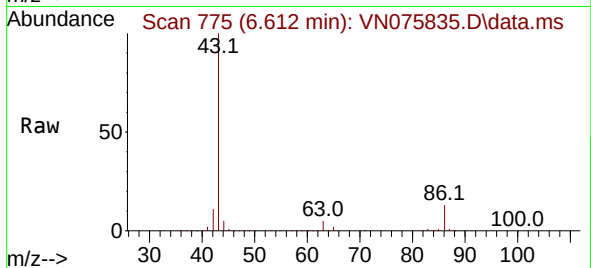
Tgt Ion: 45 Resp: 405500
Ion Ratio Lower Upper
45 100
43 53.5 44.2 66.4
87 35.6 28.3 42.5
59 13.0 11.1 16.7





#23
 Vinyl Acetate
 Concen: 263.923 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54

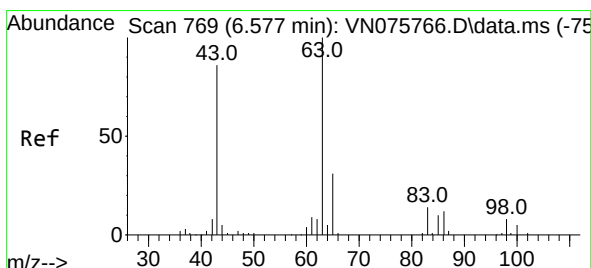
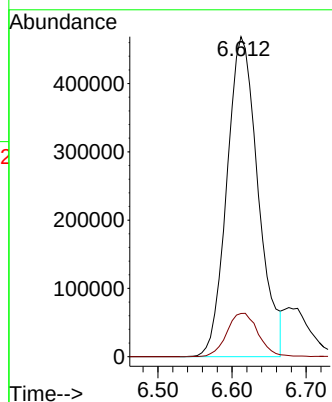
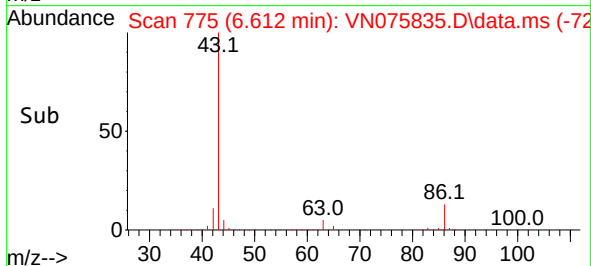
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



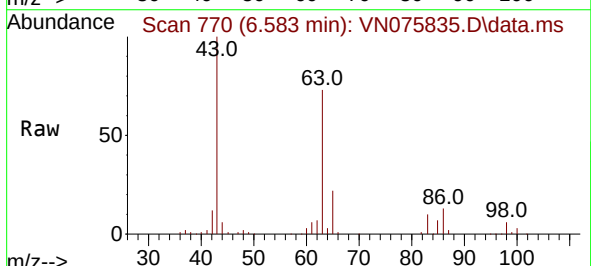
Tgt Ion: 43 Resp: 137363
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.4 17.2

Manual Integrations
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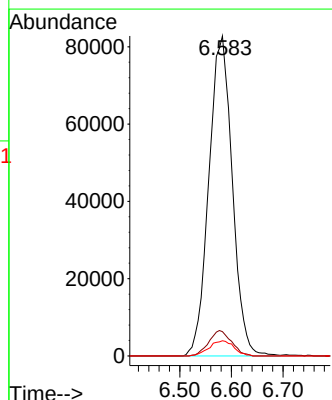
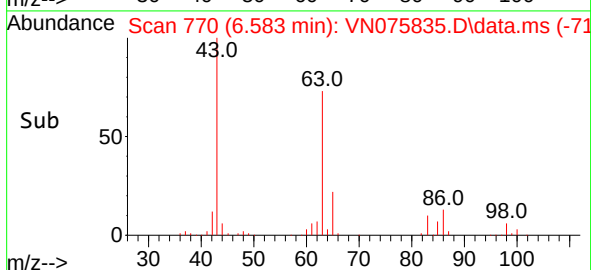
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

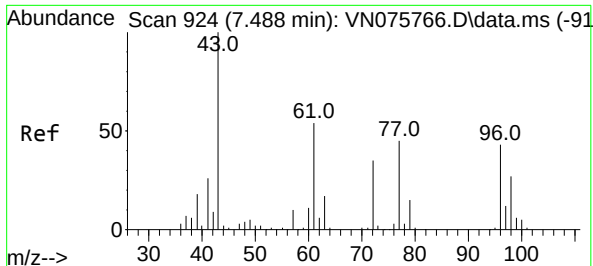


#24
 1,1-Dichloroethane
 Concen: 50.585 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54



Tgt Ion: 63 Resp: 260873
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 4.8 2.5 7.6





#25

2-Butanone

Concen: 273.106 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 440600

Ion Ratio Lower Upper

43 100

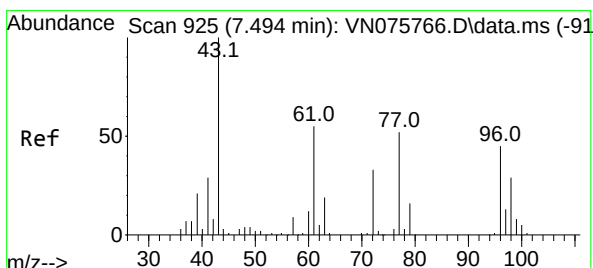
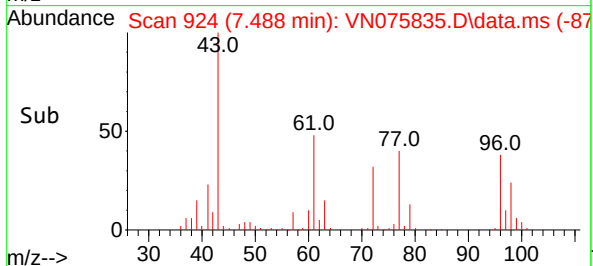
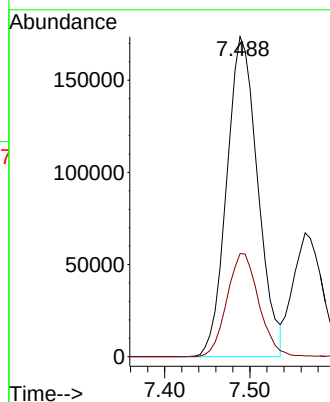
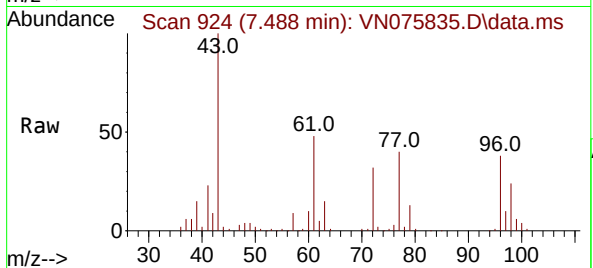
72 32.2 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 52.675 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075835.D

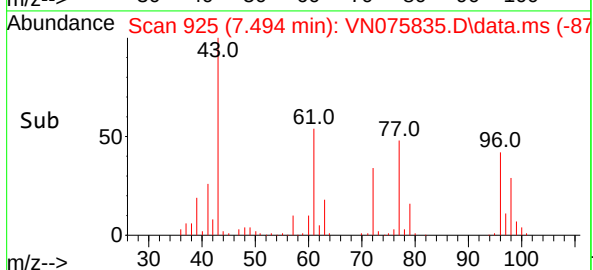
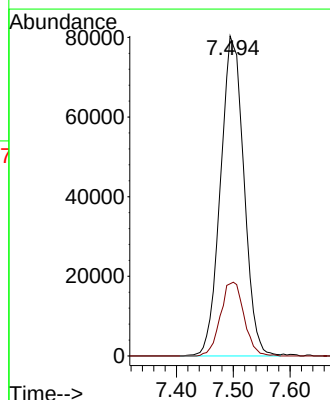
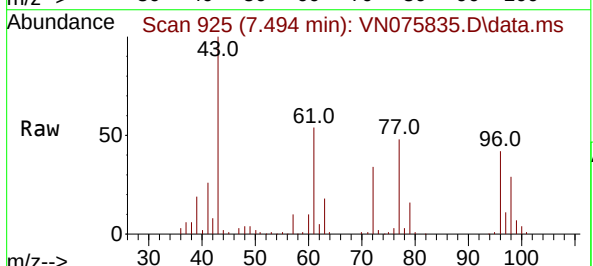
Acq: 16 Dec 2022 09:54

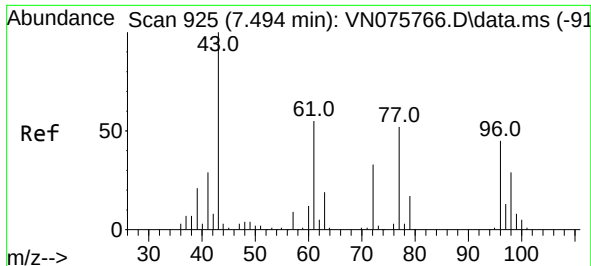
Tgt Ion: 77 Resp: 230046

Ion Ratio Lower Upper

77 100

97 23.3 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 50.660 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 18068

Ion Ratio Lower Upper

96 100

61 129.2 0.0 247.8

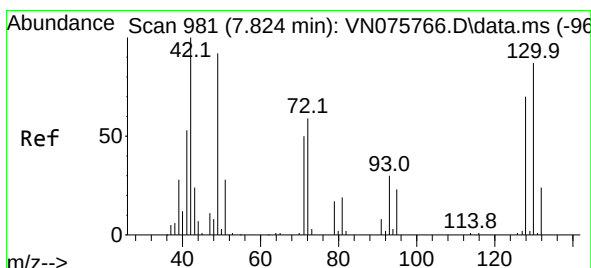
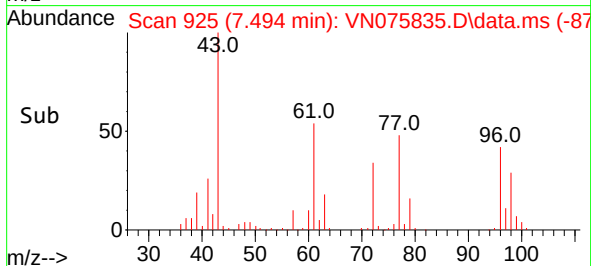
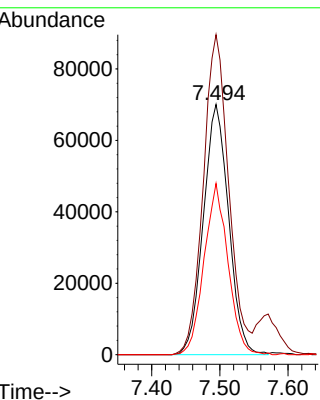
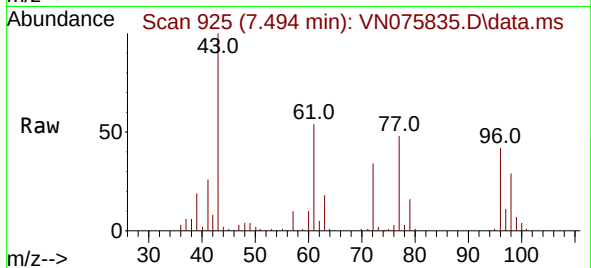
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#28

Bromochloromethane

Concen: 51.314 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

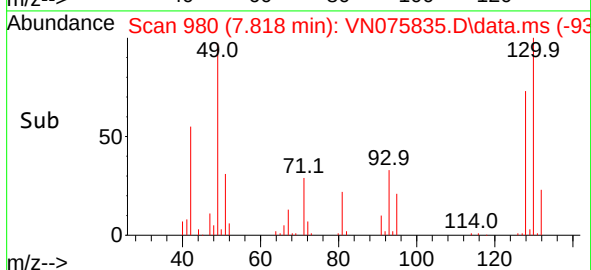
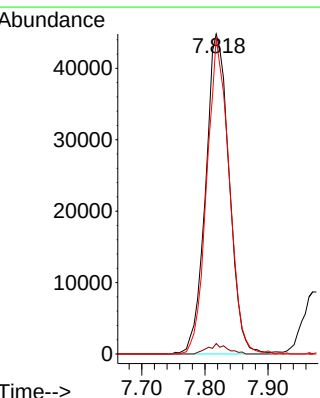
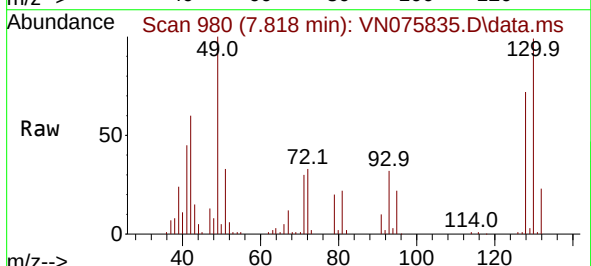
Tgt Ion: 49 Resp: 115988

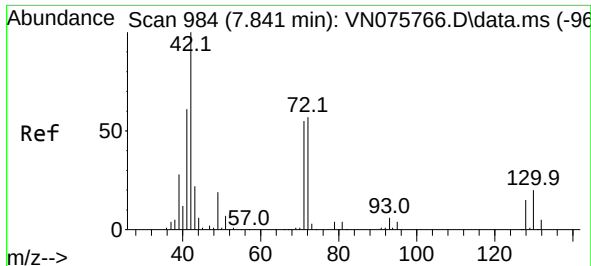
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 93.7 77.0 115.4





#29

Tetrahydrofuran

Concen: 269.990 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 272962

Ion Ratio Lower Upper

42 100

72 53.6 44.5 66.7

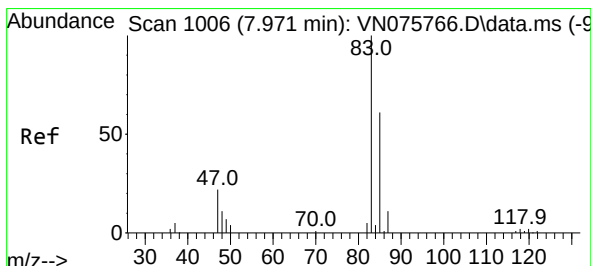
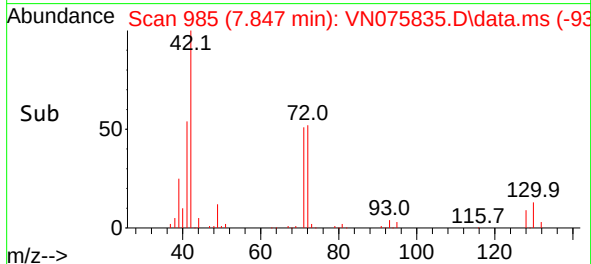
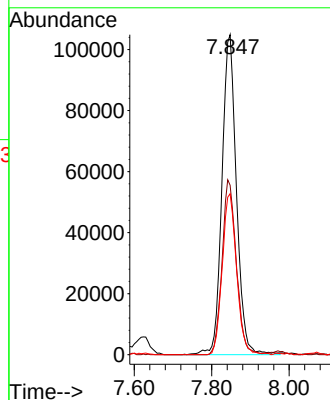
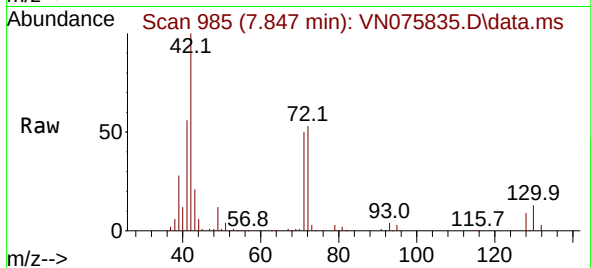
71 49.6 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 50.158 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075835.D

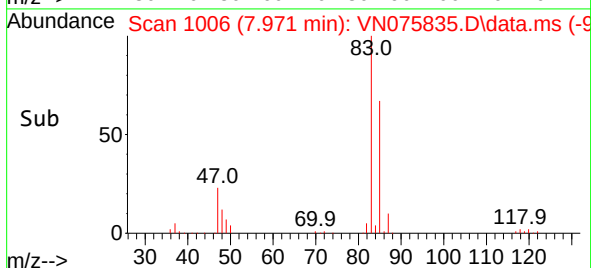
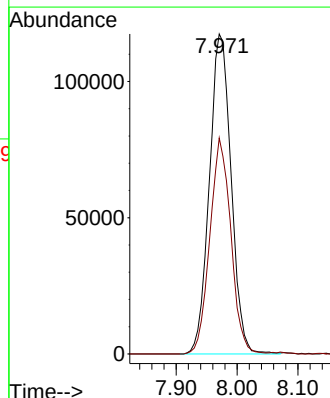
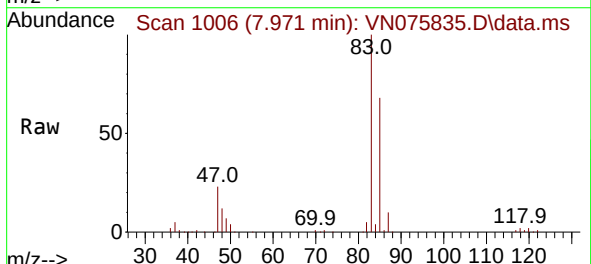
Acq: 16 Dec 2022 09:54

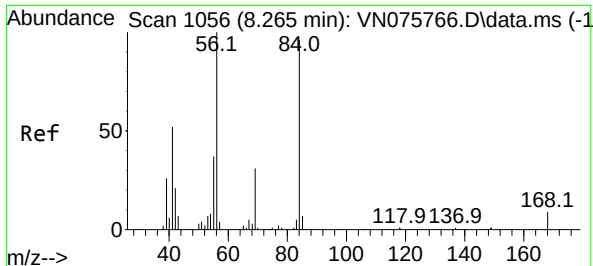
Tgt Ion: 83 Resp: 291235

Ion Ratio Lower Upper

83 100

85 67.5 49.1 73.7





#31

Cyclohexane

Concen: 46.761 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 22384

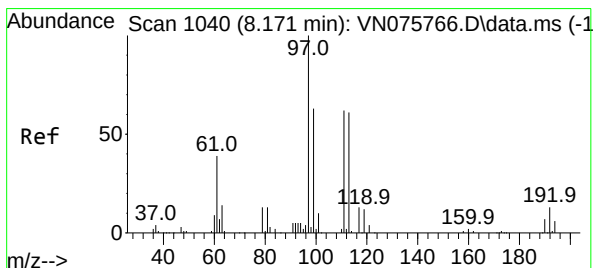
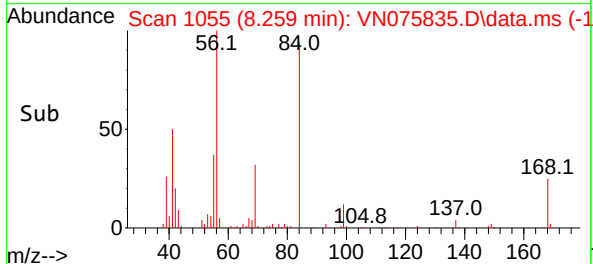
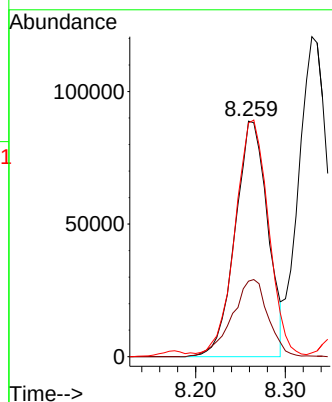
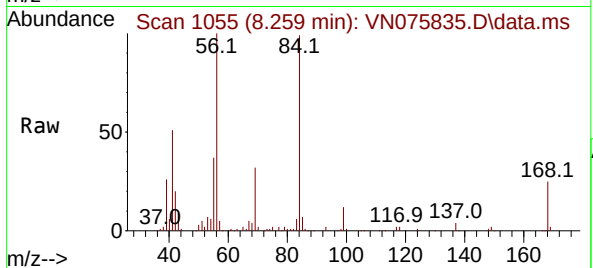
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.7	37.1
84	97.2	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#32

1,1,1-Trichloroethane

Concen: 50.855 ug/l

RT: 8.177 min Scan# 1041

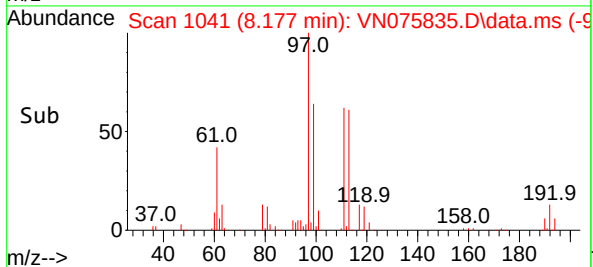
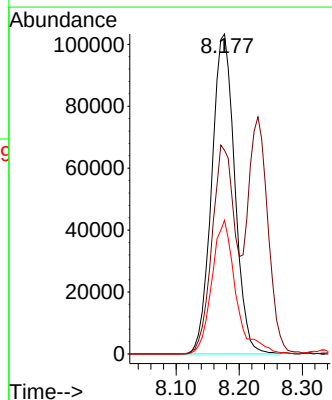
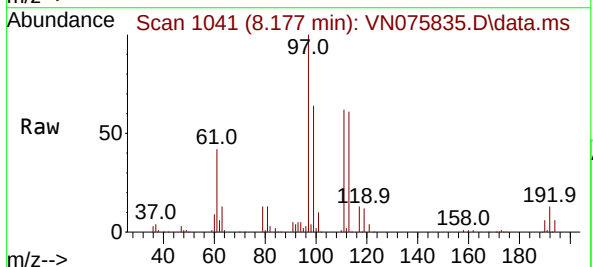
Delta R.T. 0.006 min

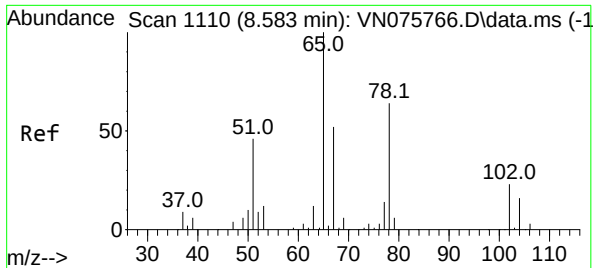
Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Tgt Ion: 97 Resp: 261788

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.2	75.2
61	43.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 53.268 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17804

Ion Ratio Lower Upper

65 100

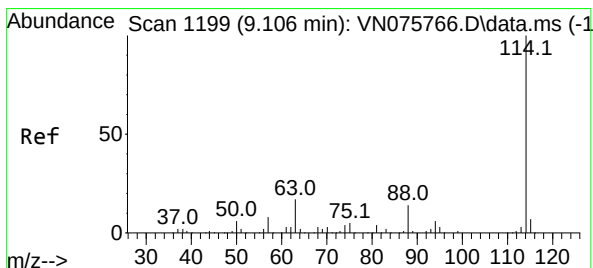
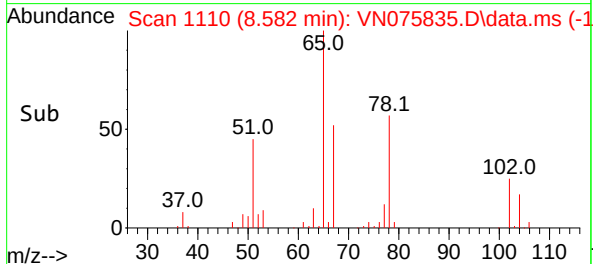
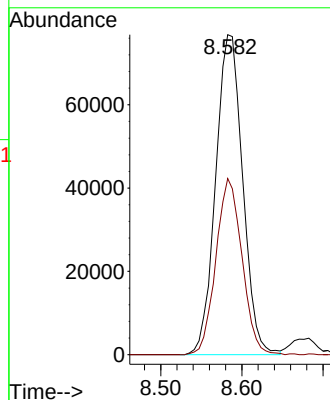
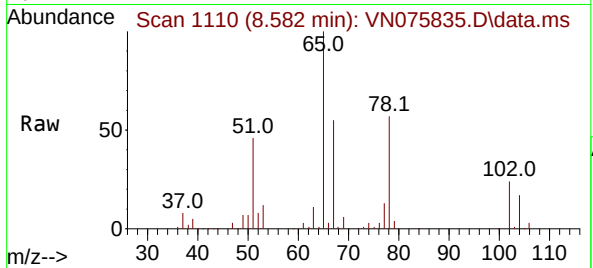
67 53.0 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

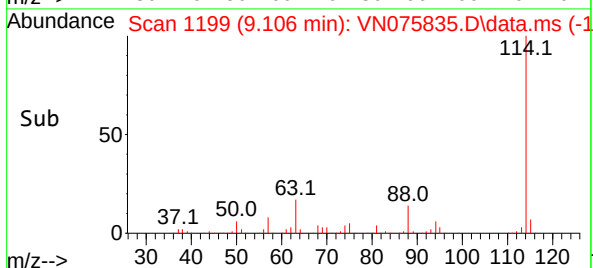
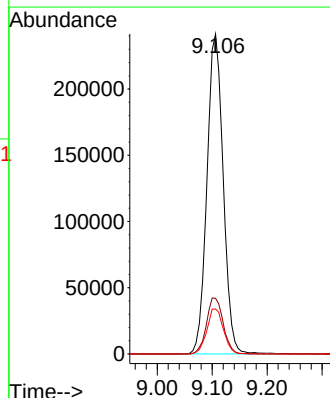
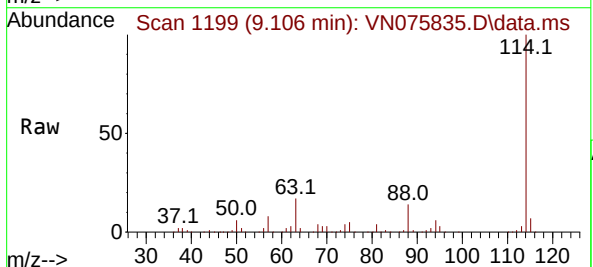
Tgt Ion:114 Resp: 496269

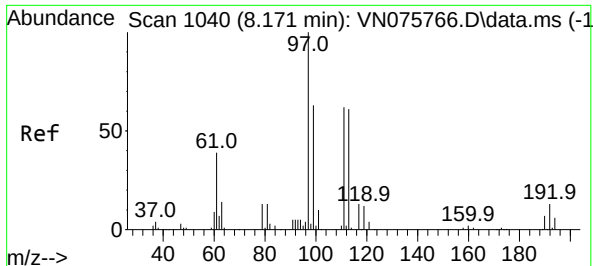
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.242 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 160558

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

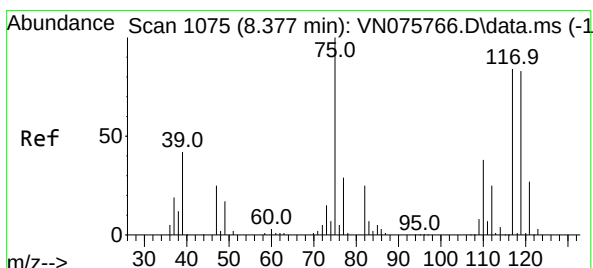
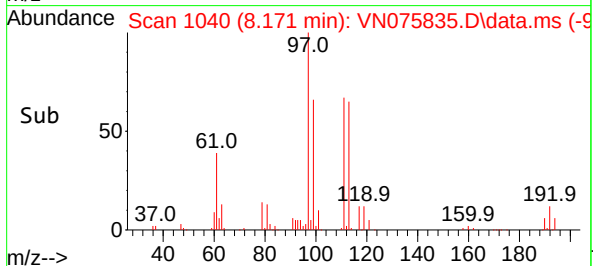
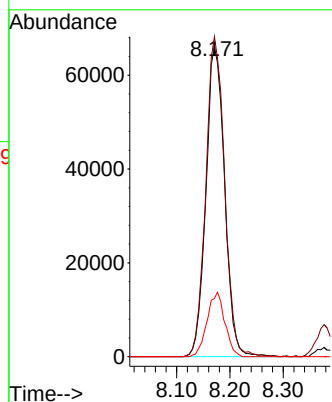
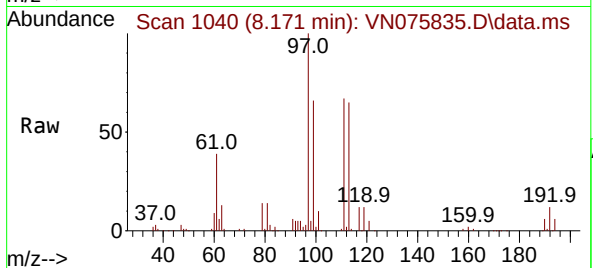
192 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 51.507 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

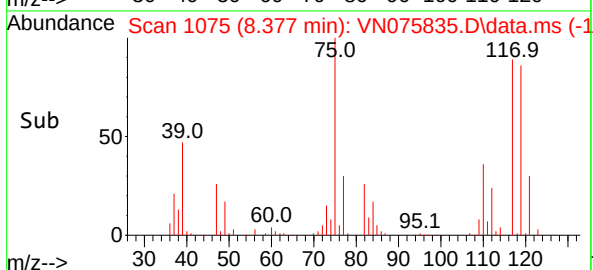
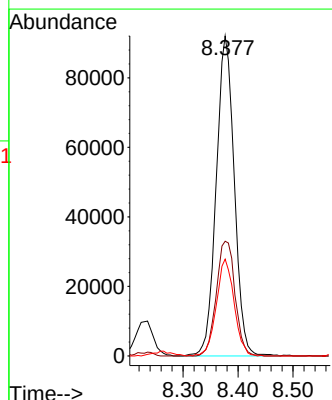
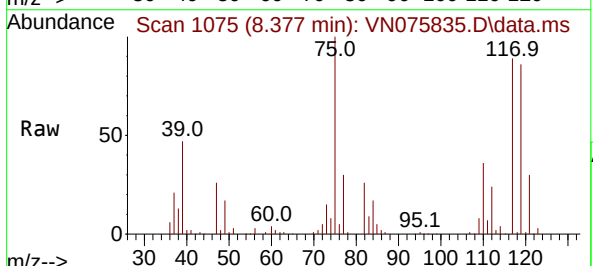
Tgt Ion: 75 Resp: 210281

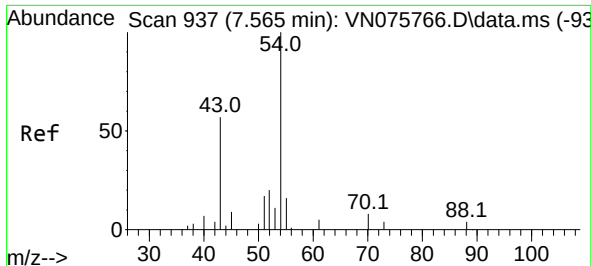
Ion Ratio Lower Upper

75 100

110 37.3 18.8 56.4

77 29.8 24.1 36.1





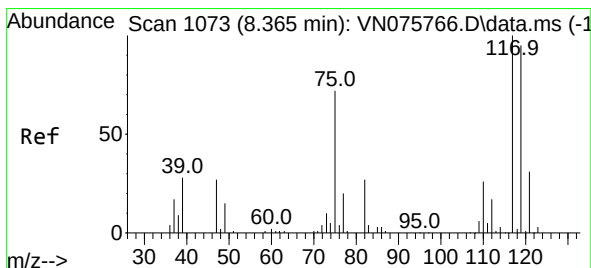
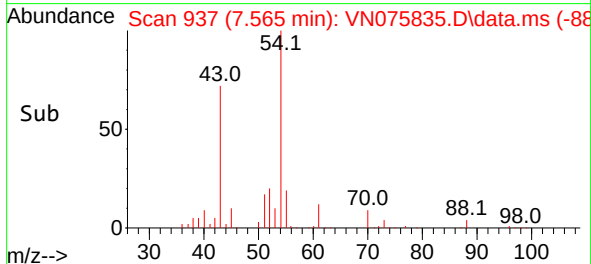
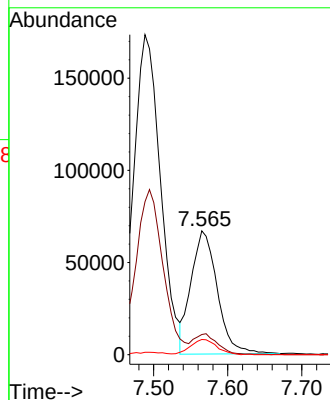
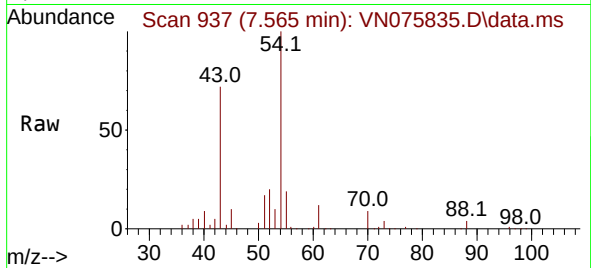
#37
Ethyl Acetate
Concen: 50.145 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16444
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 12.4 9.4 14.0

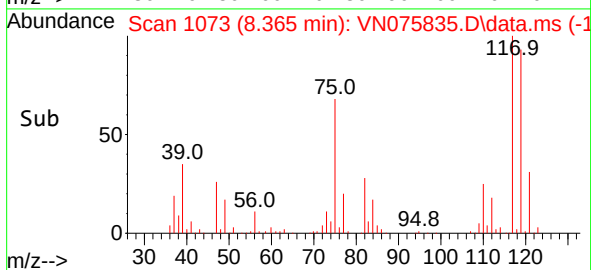
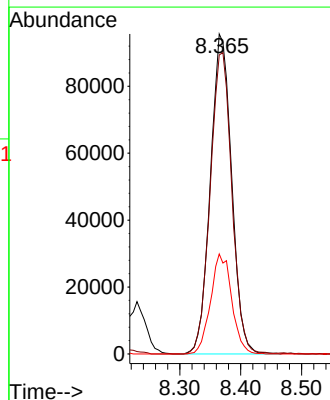
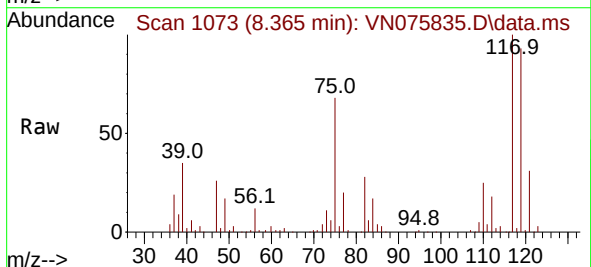
Manual Integrations
APPROVED

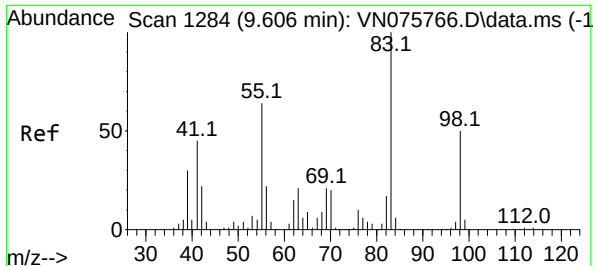
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 50.685 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion:117 Resp: 231599
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 54.318 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 26753

Ion Ratio Lower Upper

83 100

55 66.1 51.4 77.0

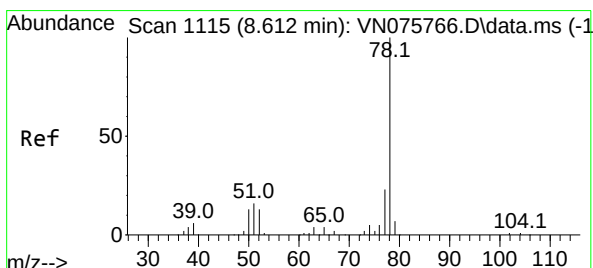
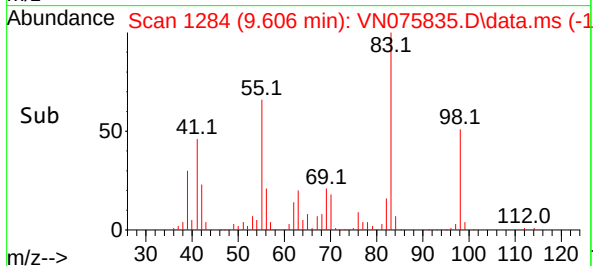
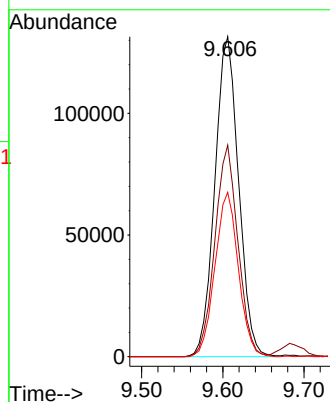
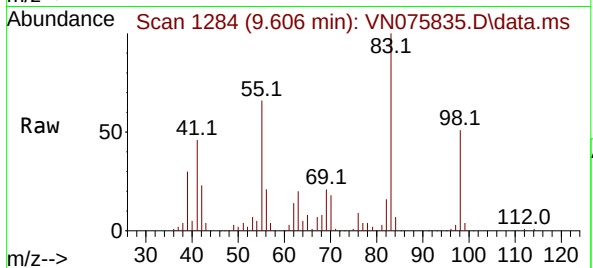
98 51.3 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#40

Benzene

Concen: 50.218 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075835.D

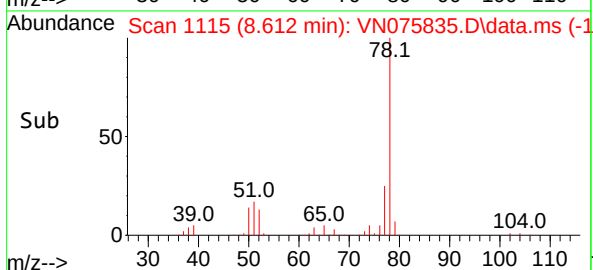
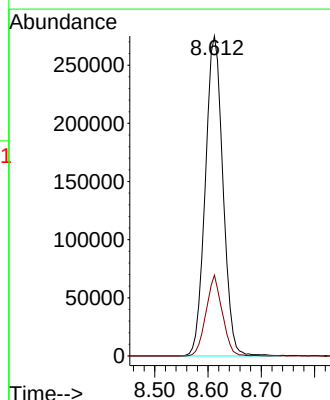
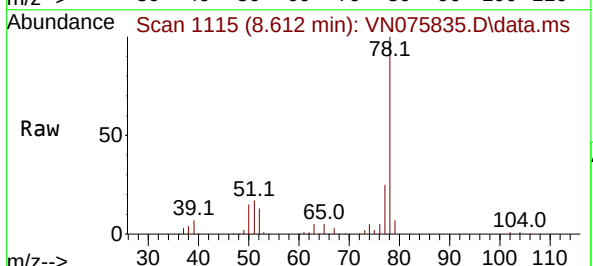
Acq: 16 Dec 2022 09:54

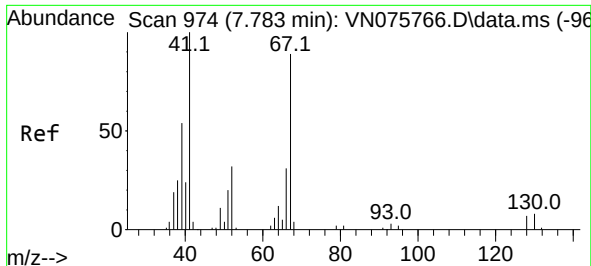
Tgt Ion: 78 Resp: 632565

Ion Ratio Lower Upper

78 100

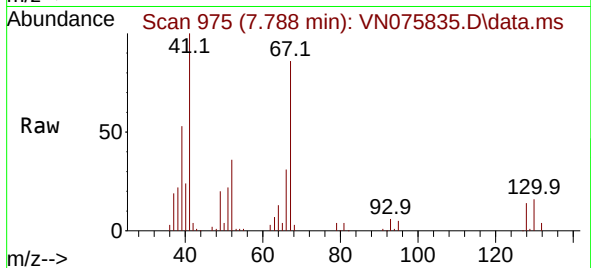
77 25.3 18.5 27.7





#41
Methacrylonitrile
Concen: 53.275 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

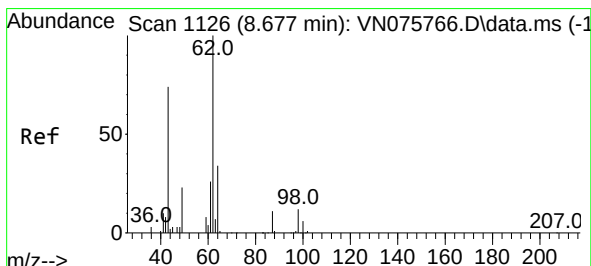
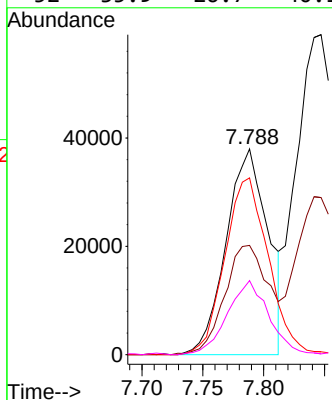
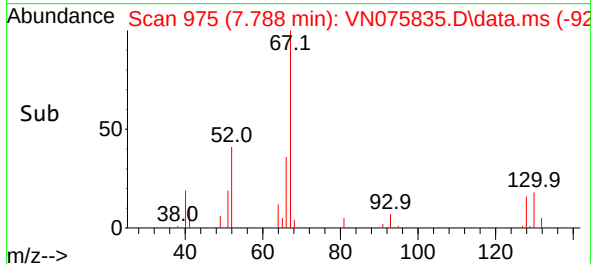
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 90810
Ion Ratio Lower Upper
41 100
39 55.8 43.1 64.7
67 89.9 70.7 106.1
52 35.9 26.7 40.1

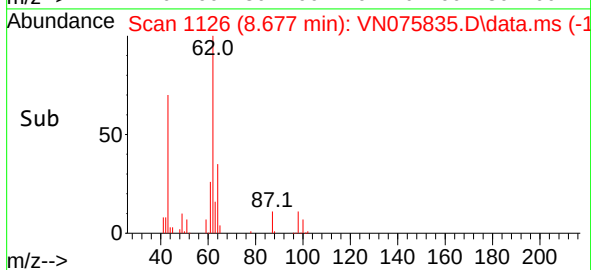
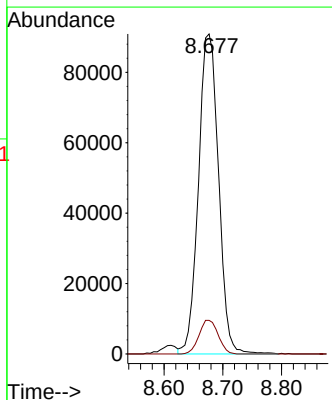
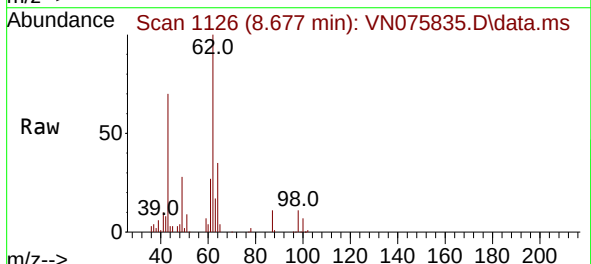
Manual Integrations
APPROVED

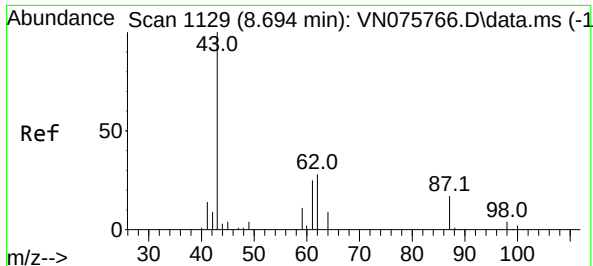
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 51.485 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 62 Resp: 215603
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





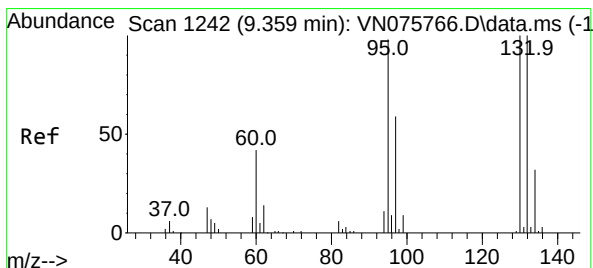
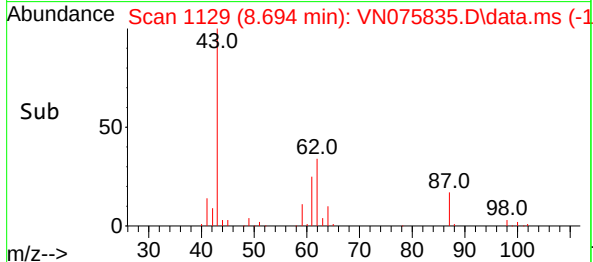
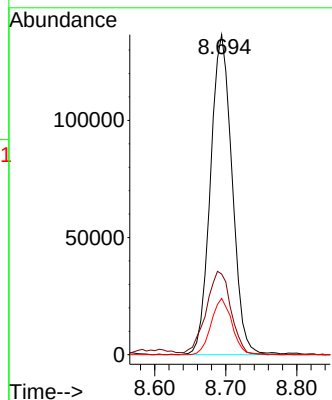
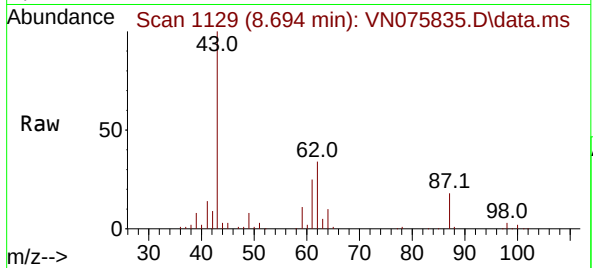
#43
Isopropyl Acetate
Concen: 53.433 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28904
Ion Ratio Lower Upper
43 100
61 30.1 24.2 36.4
87 16.8 13.3 19.9

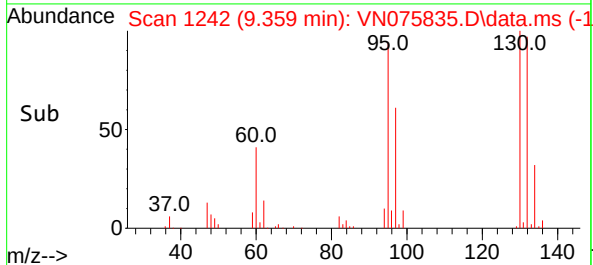
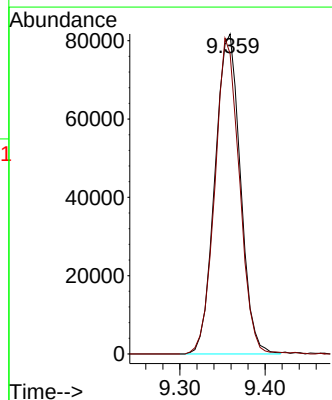
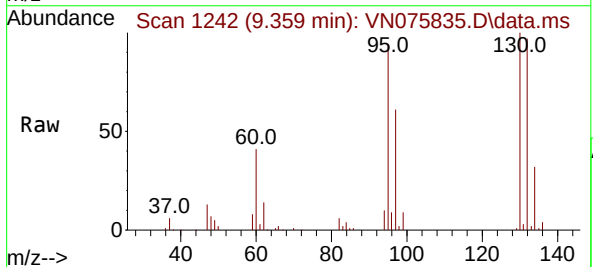
Manual Integrations
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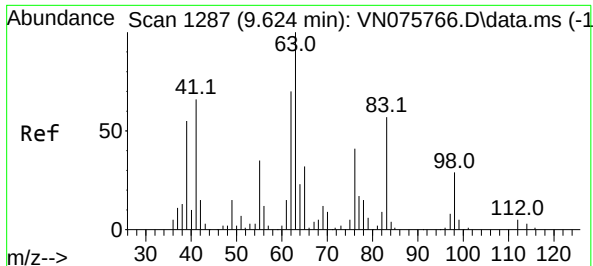
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 47.835 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion:130 Resp: 169746
Ion Ratio Lower Upper
130 100
95 93.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.196 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 156929

Ion Ratio Lower Upper

63 100

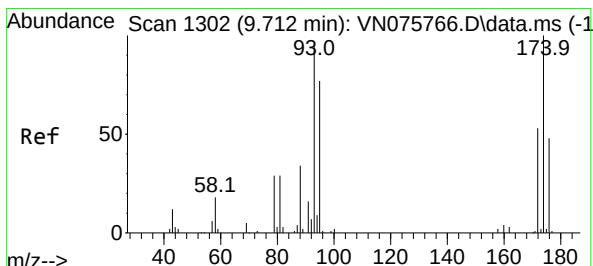
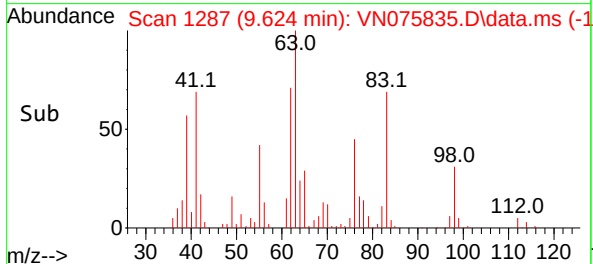
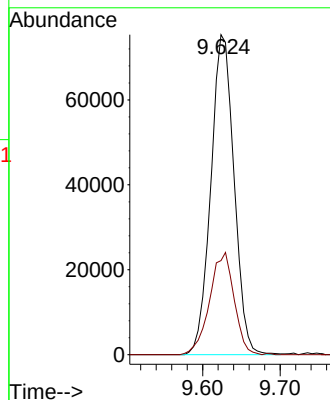
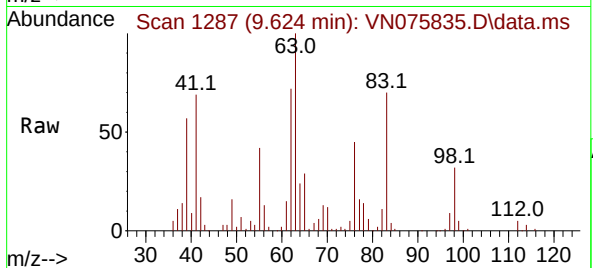
65 29.4 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 50.125 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

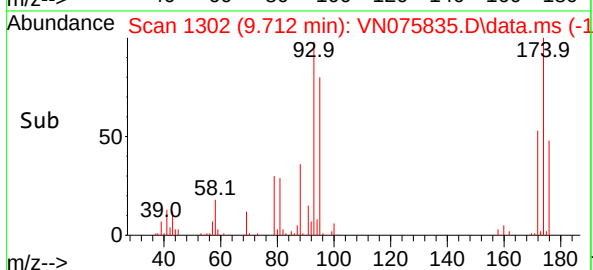
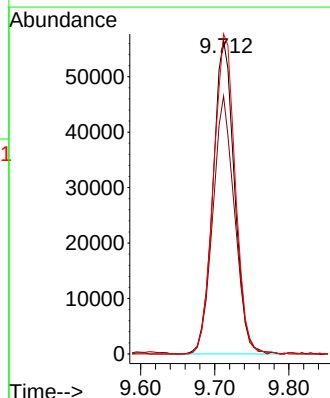
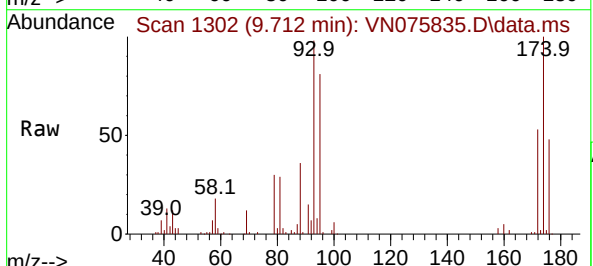
Tgt Ion: 93 Resp: 113958

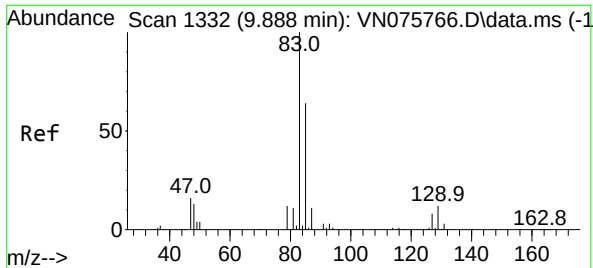
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

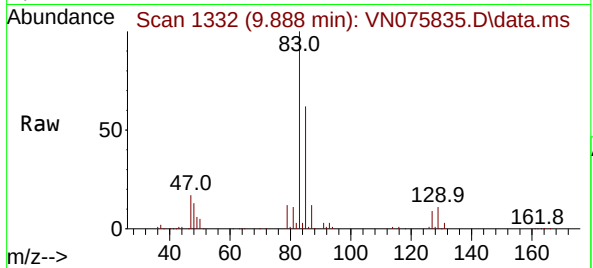
174 103.2 82.4 123.6





#47
Bromodichloromethane
Concen: 51.845 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

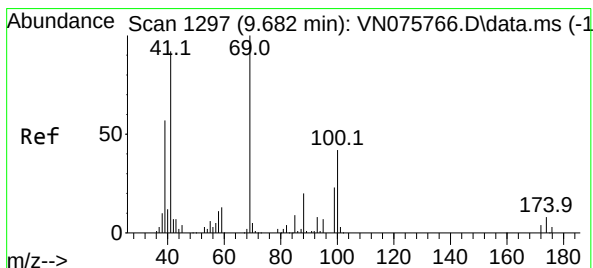
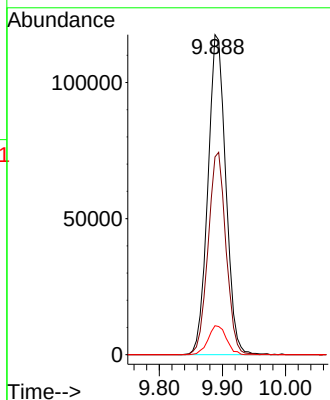
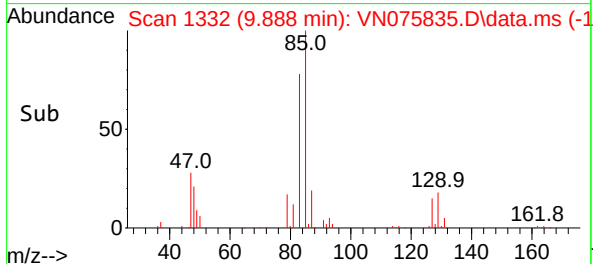
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



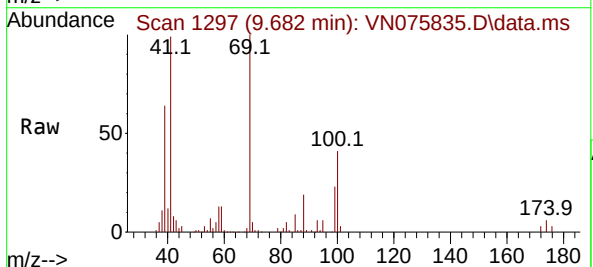
Tgt Ion: 83 Resp: 231148
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3
127 9.1 6.6 10.0

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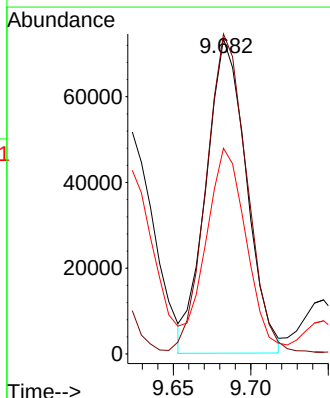
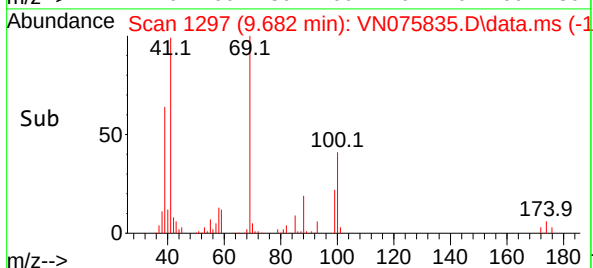
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

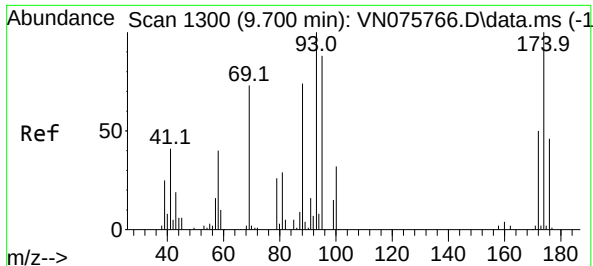


#48
Methyl methacrylate
Concen: 54.369 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion: 41 Resp: 132465
Ion Ratio Lower Upper
41 100
69 103.4 81.9 122.9
39 66.1 51.6 77.4





#49

1,4-Dioxane

Concen: 1099.117 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 65834

Ion Ratio Lower Upper

88 100

43 15.9 17.1 25.7

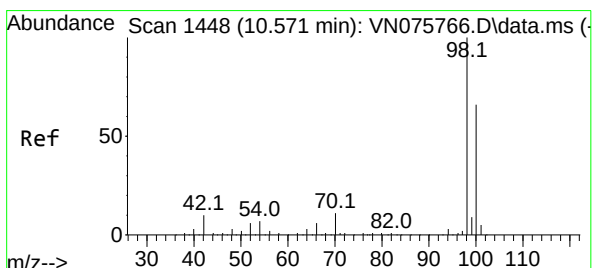
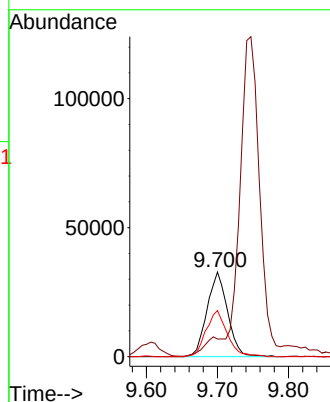
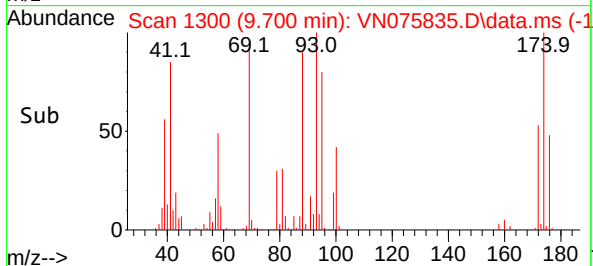
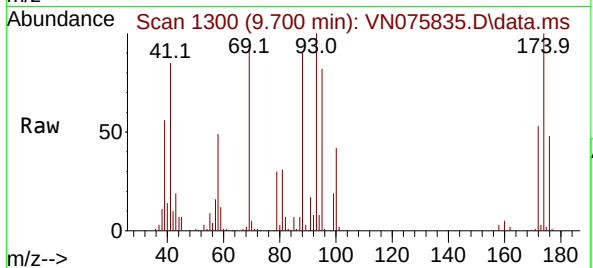
58 56.4 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 53.050 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075835.D

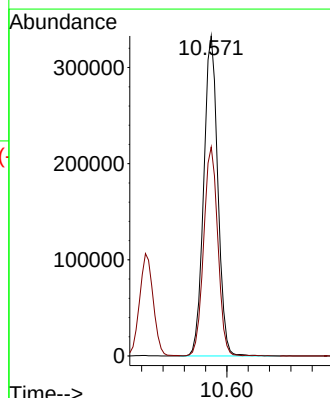
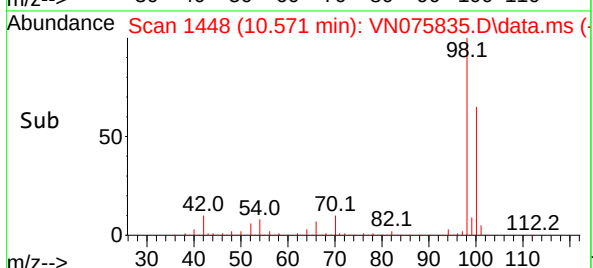
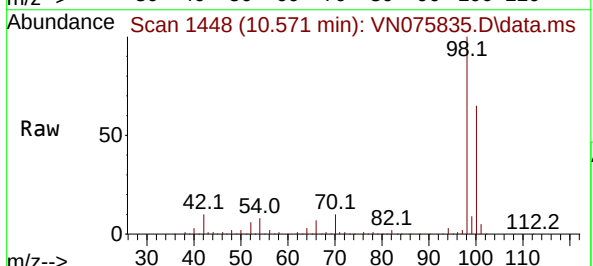
Acq: 16 Dec 2022 09:54

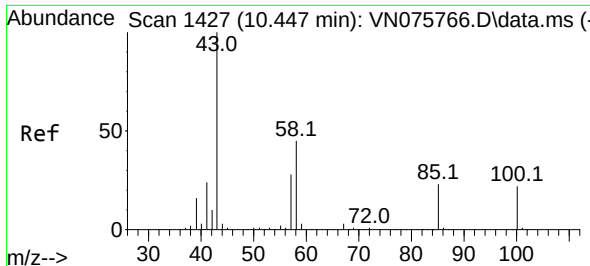
Tgt Ion: 98 Resp: 609588

Ion Ratio Lower Upper

98 100

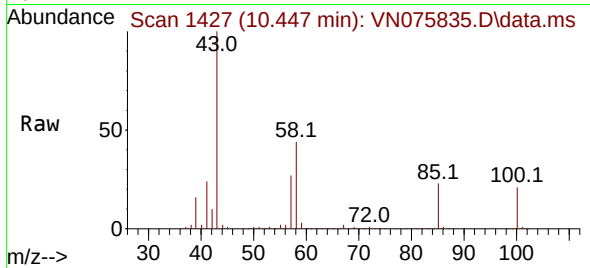
100 65.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 272.969 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

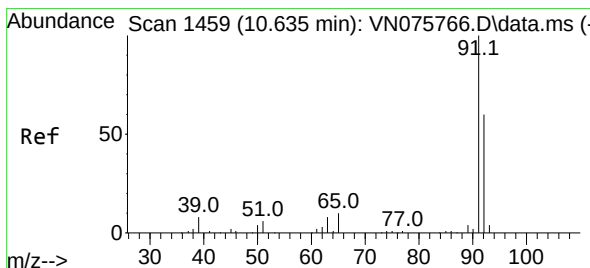
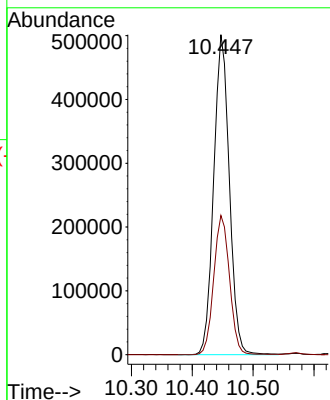
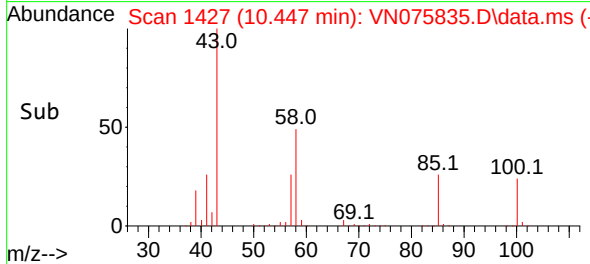
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 893000
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

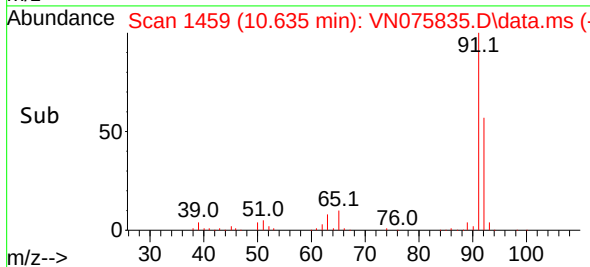
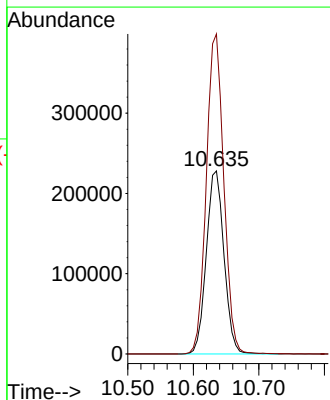
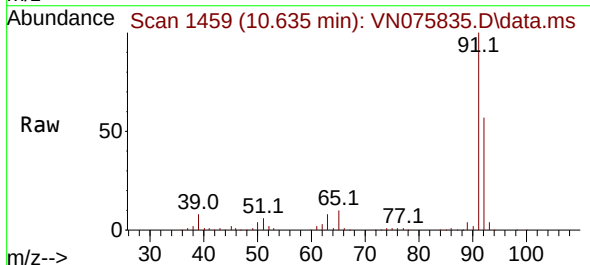
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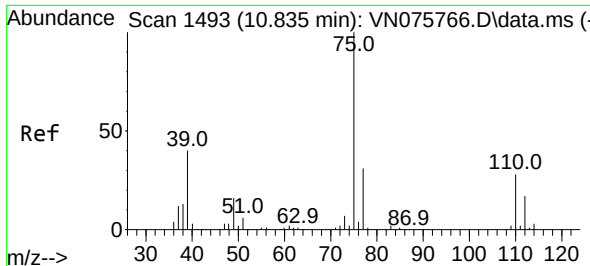
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 52.101 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 92 Resp: 427418
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9





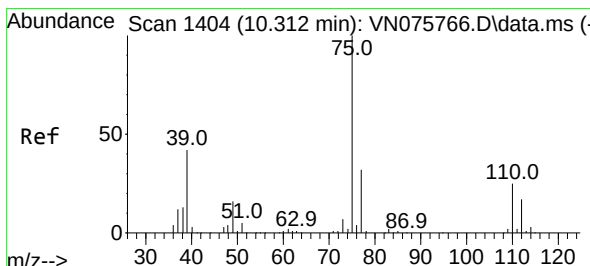
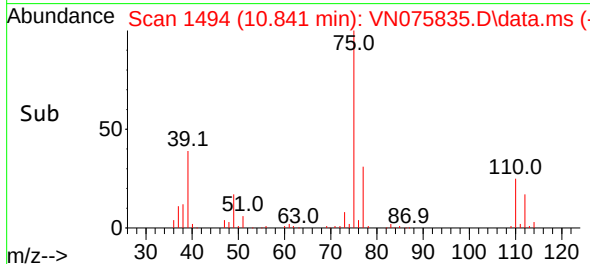
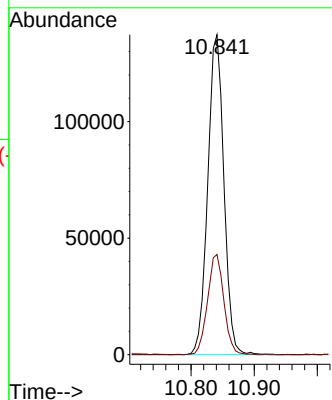
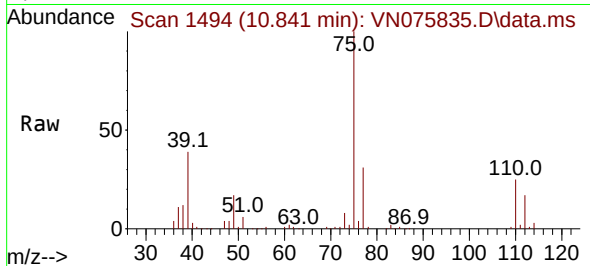
#53
 t-1,3-Dichloropropene
 Concen: 55.667 ug/l
 RT: 10.841 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 242940
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3

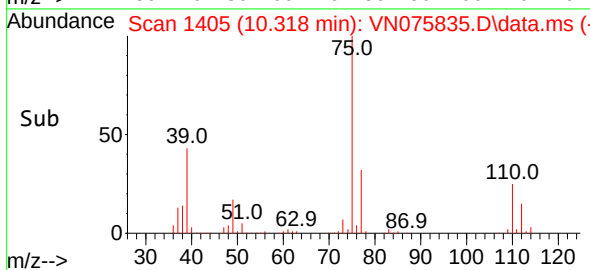
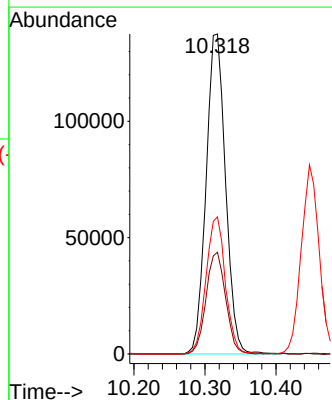
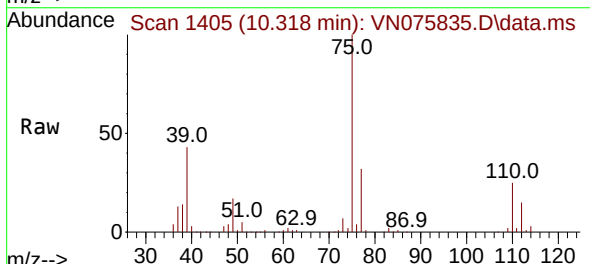
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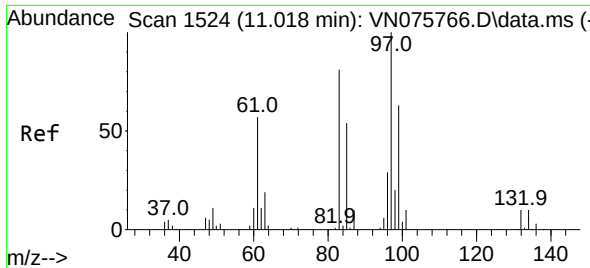
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#54
 cis-1,3-Dichloropropene
 Concen: 54.641 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54

Tgt Ion: 75 Resp: 261823
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 42.9 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 52.723 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

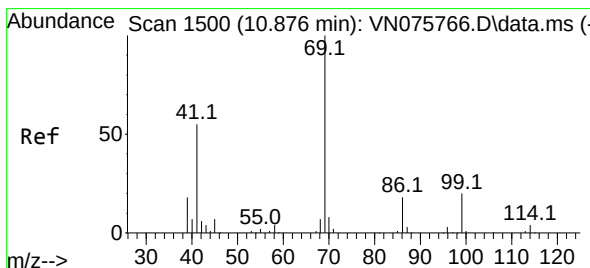
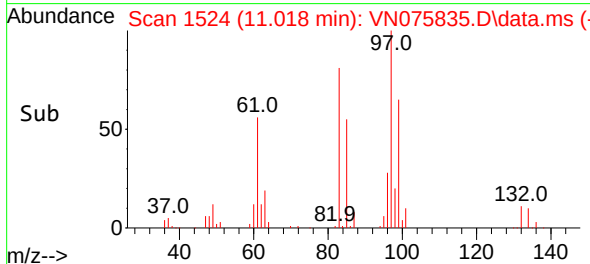
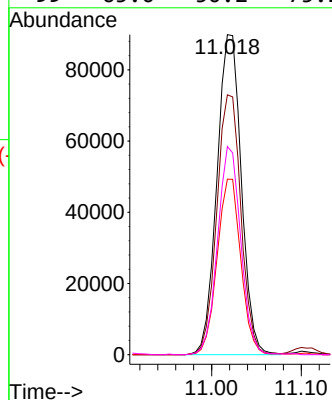
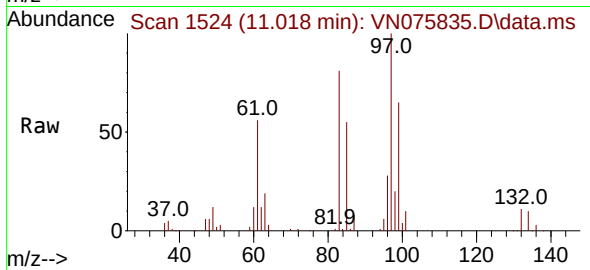
VSTDCCC050

Tgt Ion: 97 Resp: 16976
Ion Ratio Lower Upper
97 100
83 81.2 65.0 97.4
85 54.9 43.0 64.6
99 65.0 50.2 75.2

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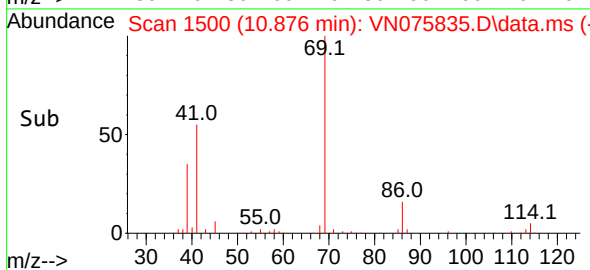
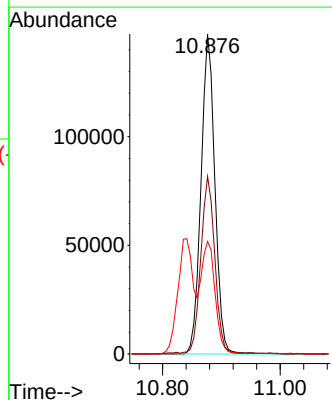
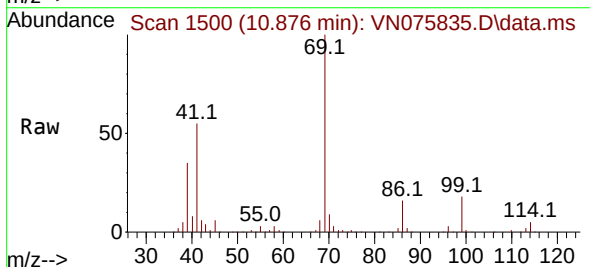
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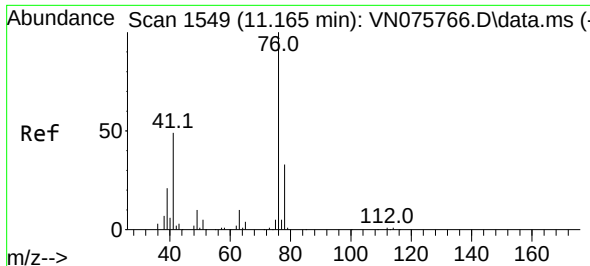
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#56
Ethyl methacrylate
Concen: 56.373 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 69 Resp: 241108
Ion Ratio Lower Upper
69 100
41 56.5 44.2 66.4
39 34.7 26.4 39.6





#57

1,3-Dichloropropane

Concen: 52.503 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 27730

Ion Ratio Lower Upper

76 100

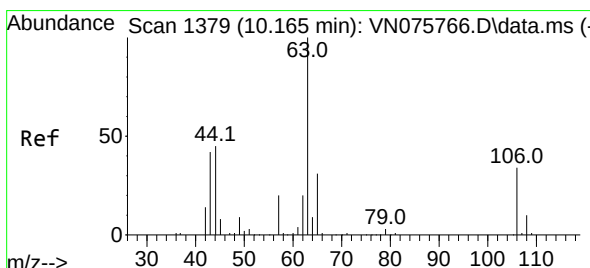
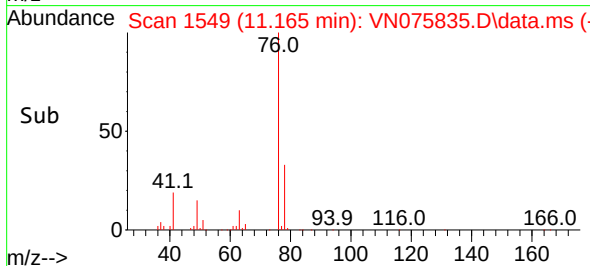
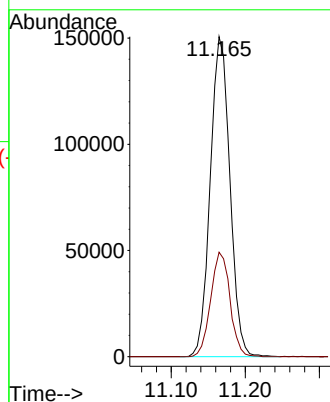
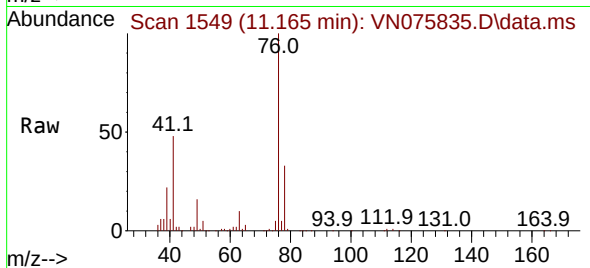
78 32.1 26.2 39.2

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 335.463 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075835.D

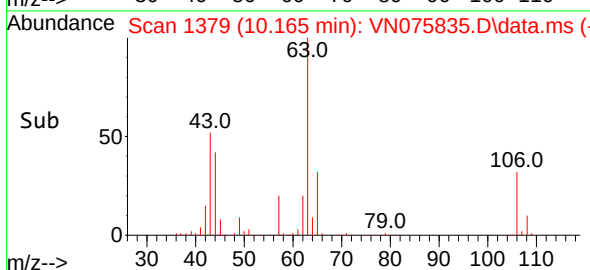
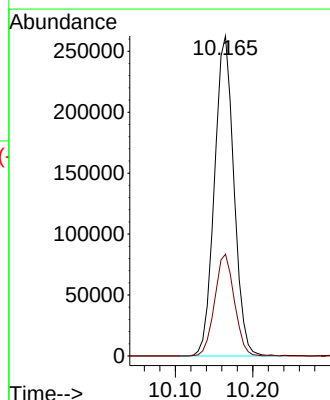
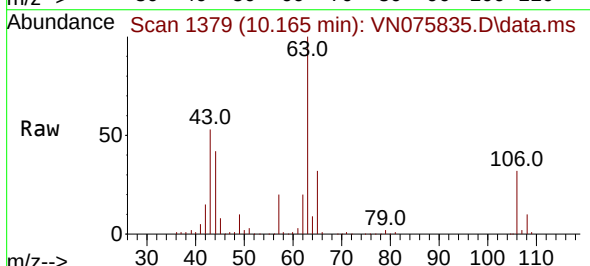
Acq: 16 Dec 2022 09:54

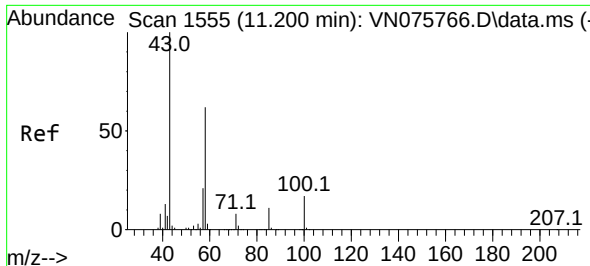
Tgt Ion: 63 Resp: 456804

Ion Ratio Lower Upper

63 100

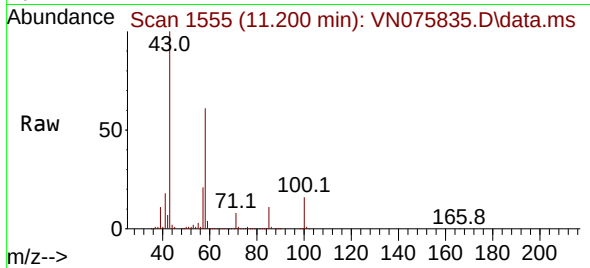
106 32.3 26.4 39.6





#59
2-Hexanone
Concen: 285.815 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

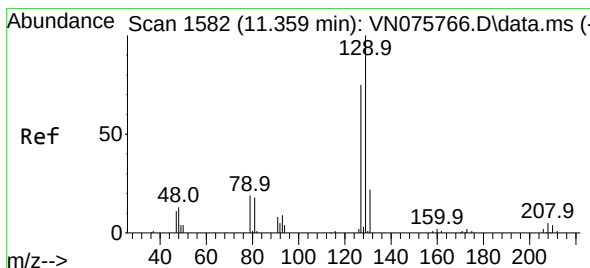
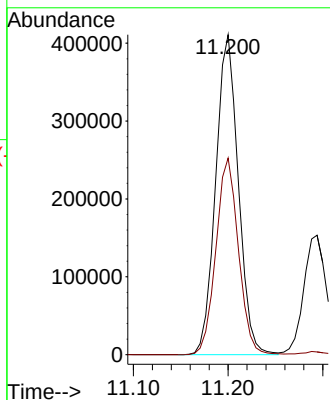
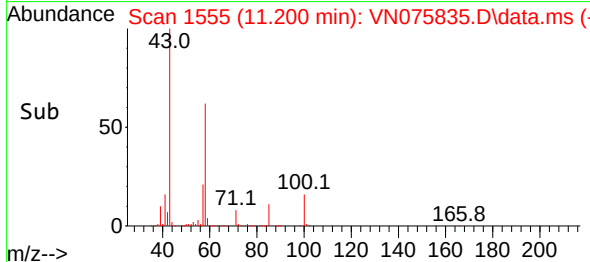
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 68188
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

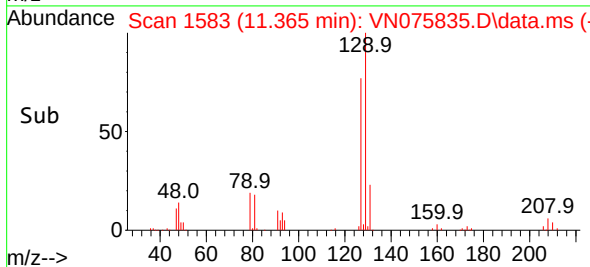
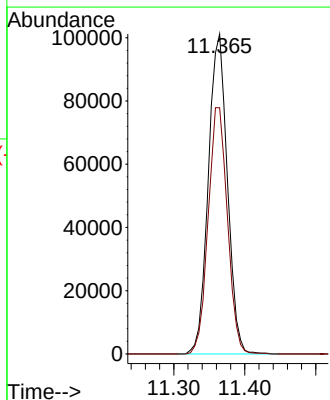
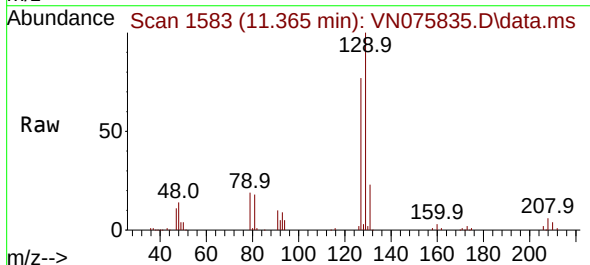
Manual Integrations
APPROVED

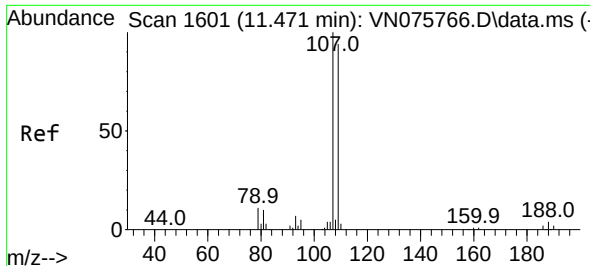
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 52.592 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

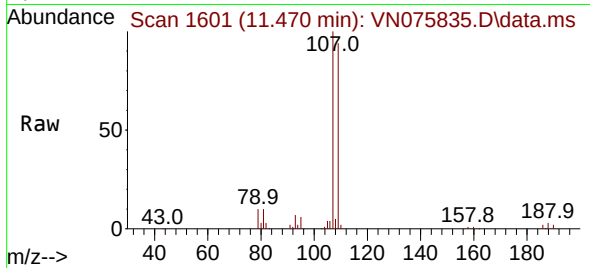
Tgt Ion:129 Resp: 188327
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 52.315 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

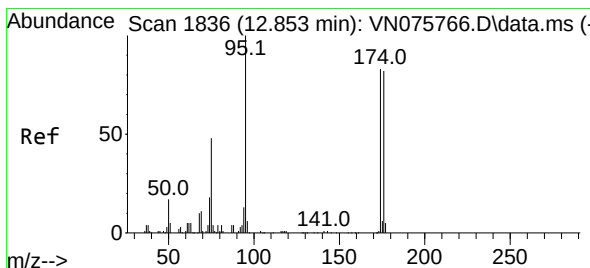
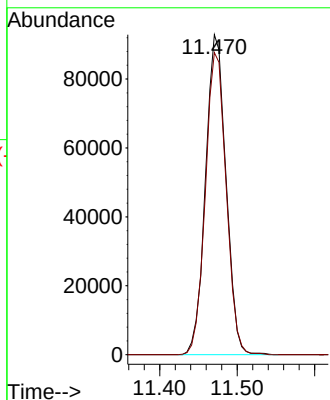
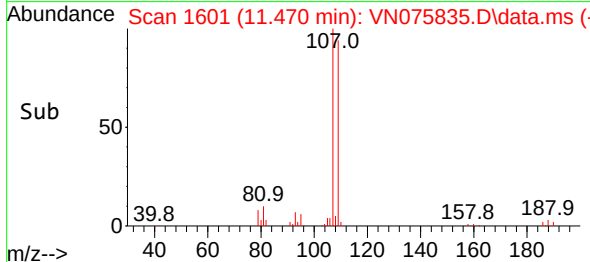
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 170470
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2

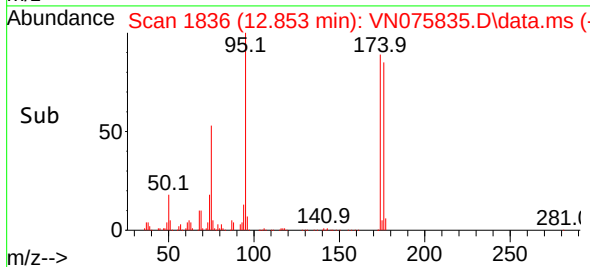
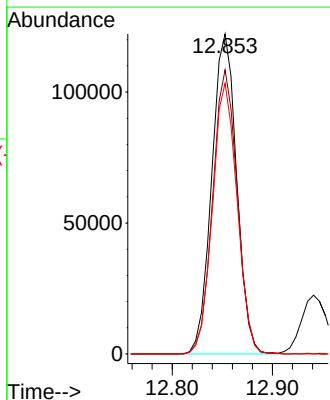
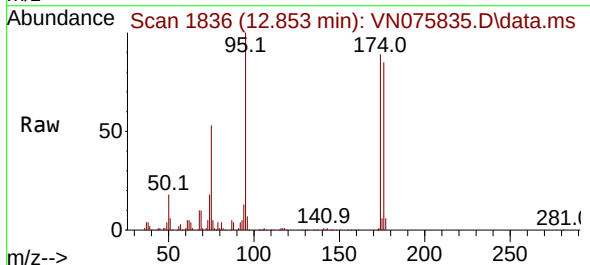
Manual Integrations
APPROVED

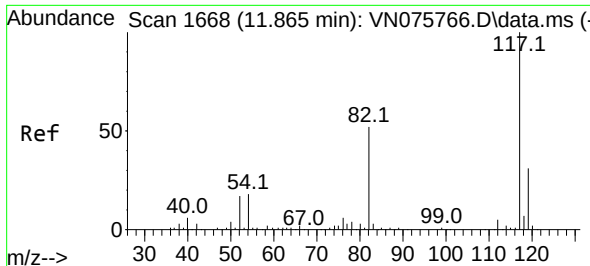
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 55.241 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

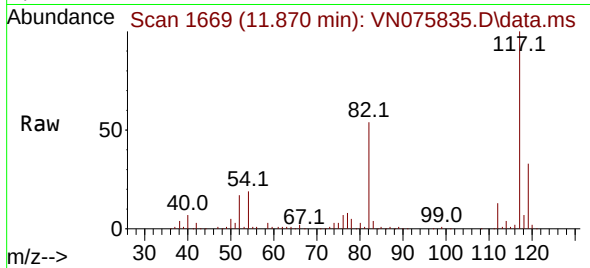
Tgt Ion: 95 Resp: 210240
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 83.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

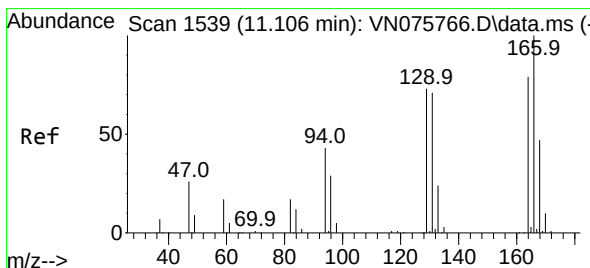
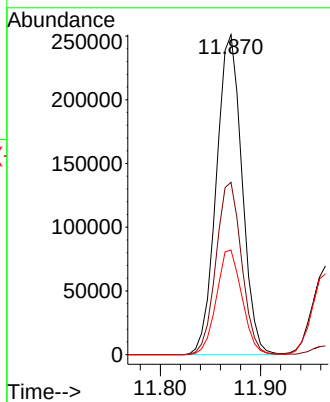
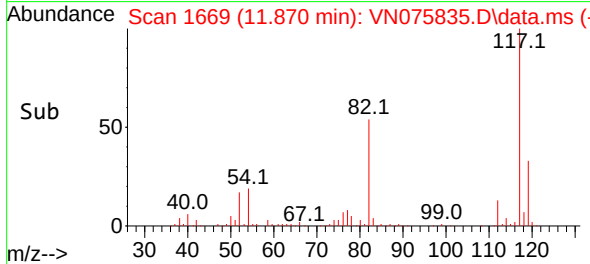
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 446933
Ion Ratio Lower Upper
117 100
82 53.9 41.3 61.9
119 32.7 24.6 37.0

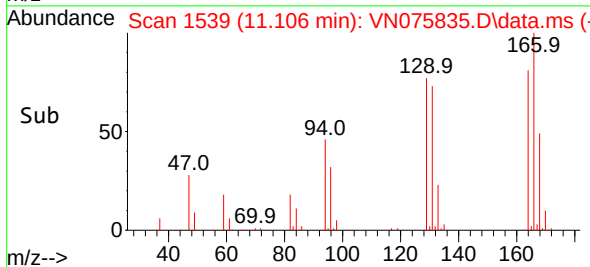
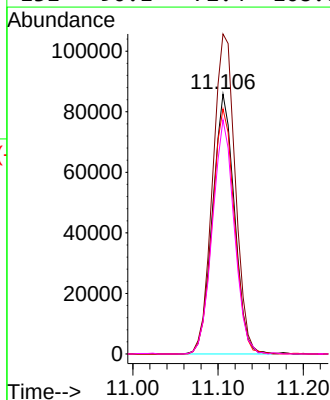
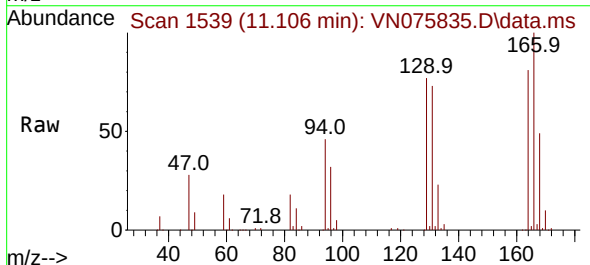
Manual Integrations
APPROVED

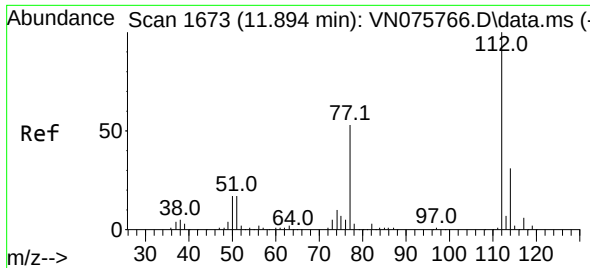
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 48.679 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

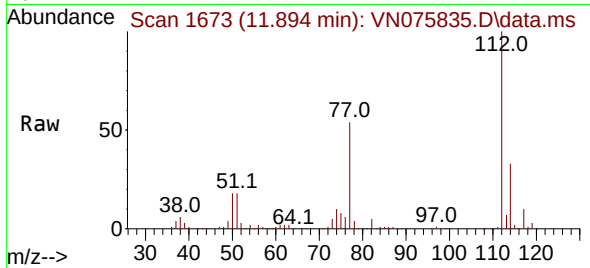
Tgt Ion:164 Resp: 153093
Ion Ratio Lower Upper
164 100
166 123.1 101.9 152.9
129 94.3 74.2 111.2
131 90.1 72.4 108.6





#65
Chlorobenzene
Concen: 49.723 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

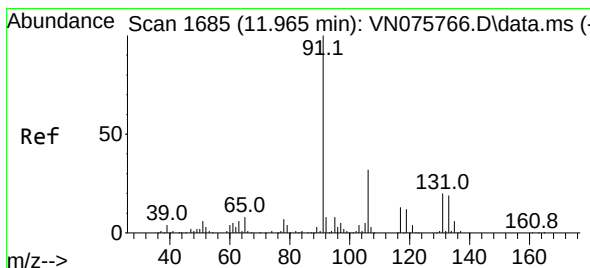
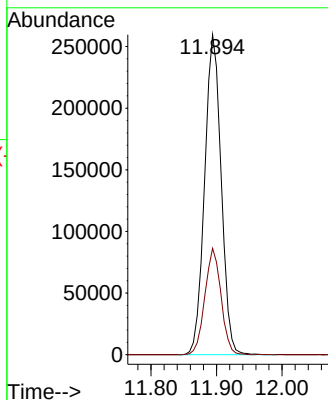
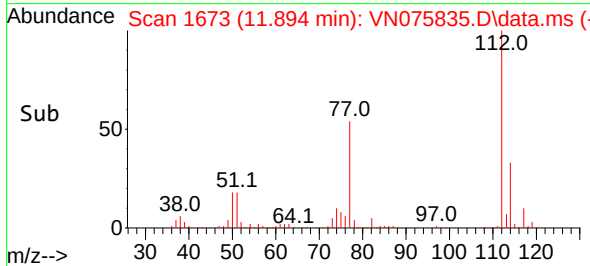
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



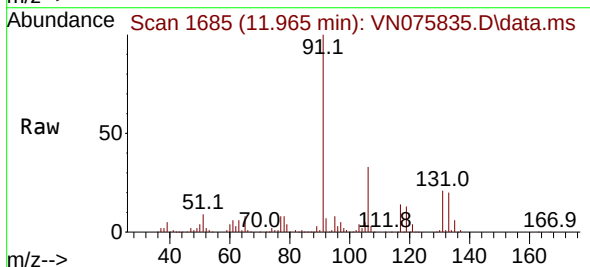
Tgt Ion:112 Resp: 456110
Ion Ratio Lower Upper
112 100
114 33.3 24.7 37.1

Manual Integrations
APPROVED

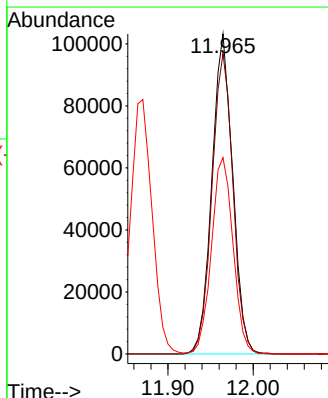
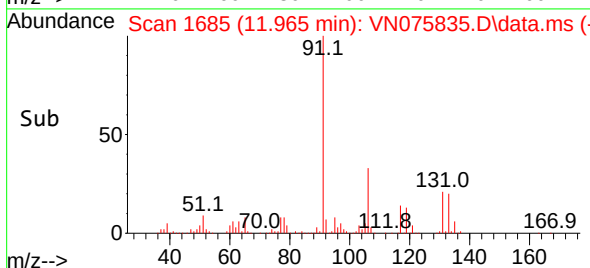
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

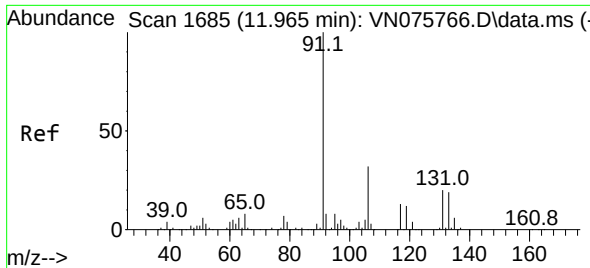


#66
1,1,1,2-Tetrachloroethane
Concen: 51.574 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



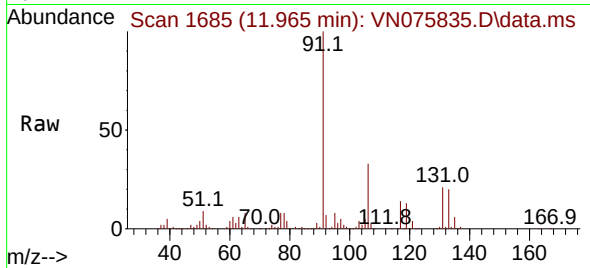
Tgt Ion:131 Resp: 175233
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 63.8 31.9 95.7





#67
Ethyl Benzene
Concen: 53.873 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

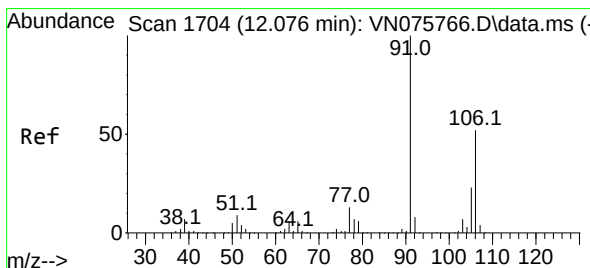
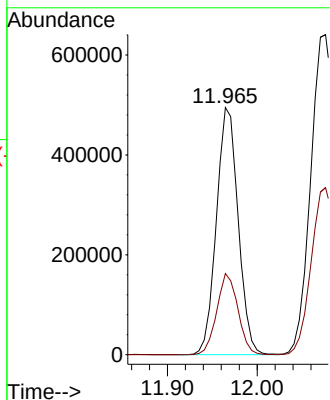
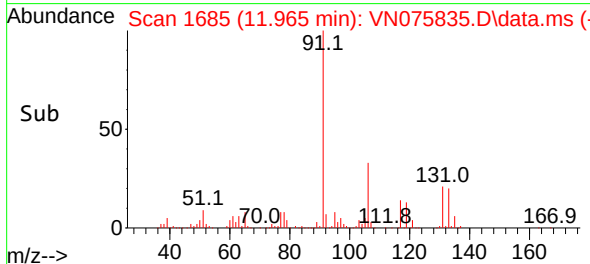
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



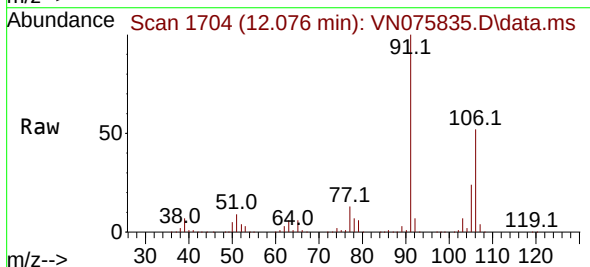
Tgt Ion: 91 Resp: 834069
Ion Ratio Lower Upper
91 100
106 32.8 25.7 38.5

Manual Integrations
APPROVED

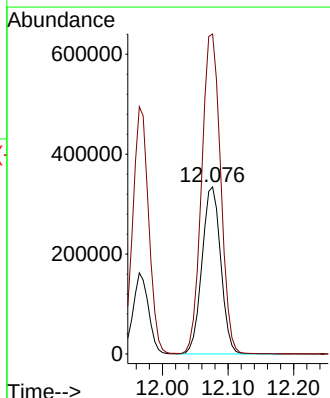
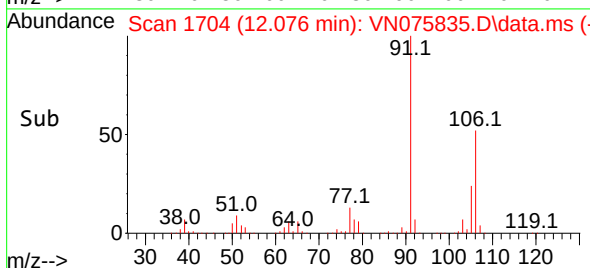
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

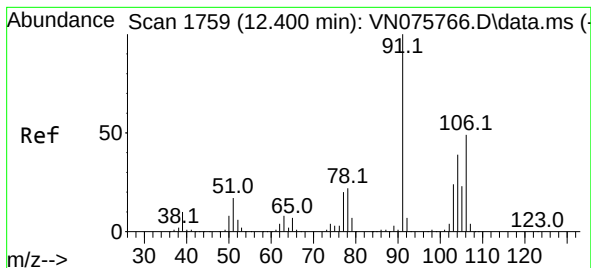


#68
m/p-Xylenes
Concen: 108.463 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion:106 Resp: 664636
Ion Ratio Lower Upper
106 100
91 194.0 156.6 235.0





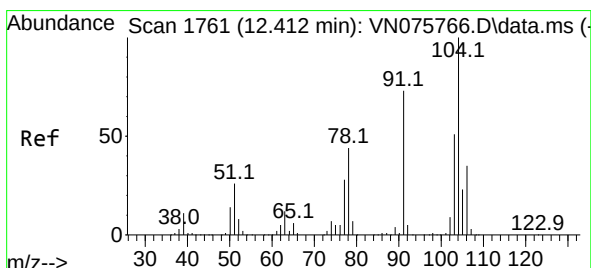
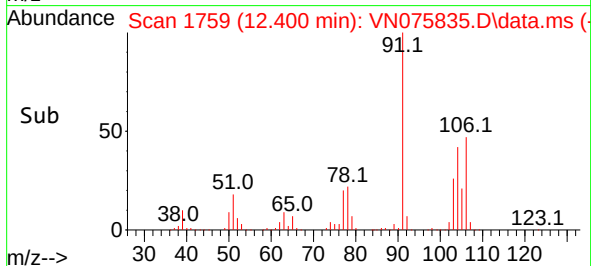
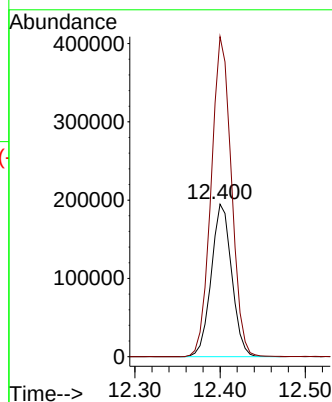
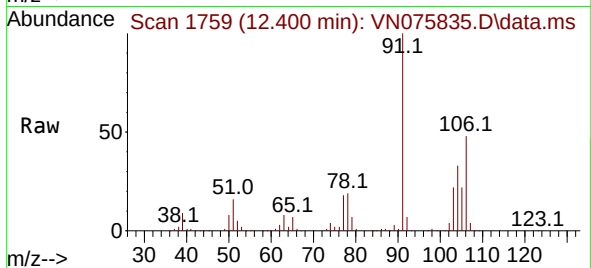
#69
o-Xylene
Concen: 53.615 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 325120
Ion Ratio Lower Upper
106 100
91 208.1 103.8 311.6

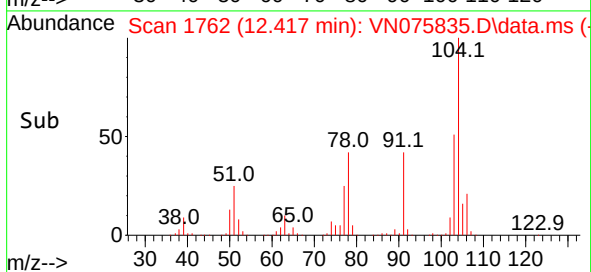
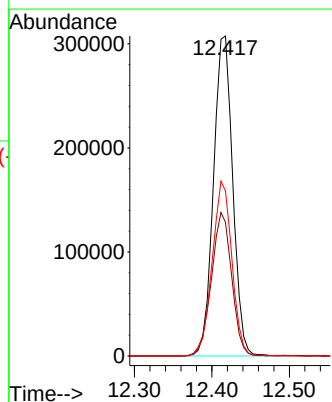
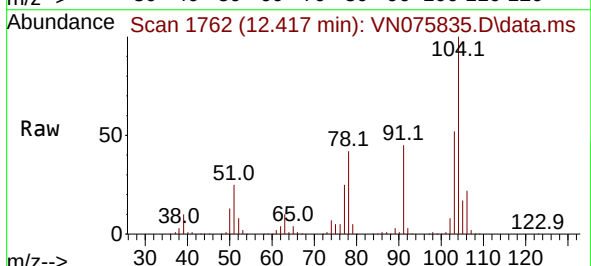
Manual Integrations
APPROVED

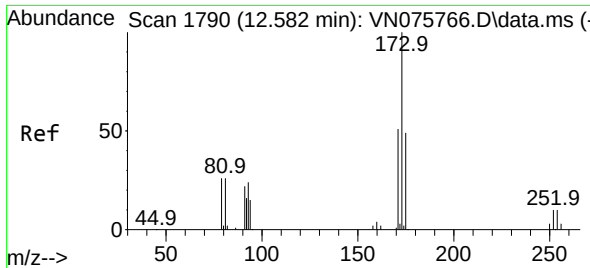
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 55.036 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

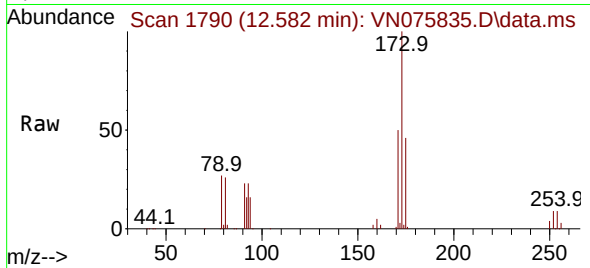
Tgt Ion:104 Resp: 530651
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 55.8 43.5 65.3





#71
Bromoform
Concen: 54.641 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

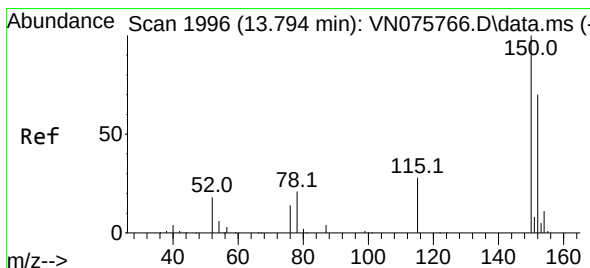
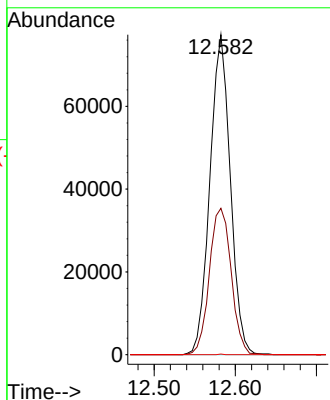
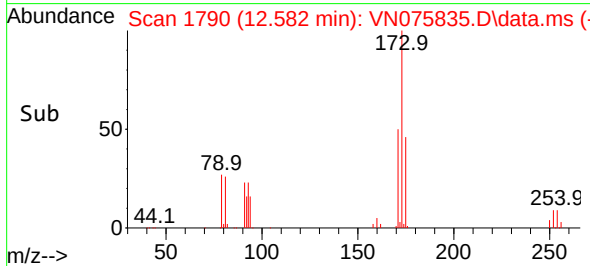
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



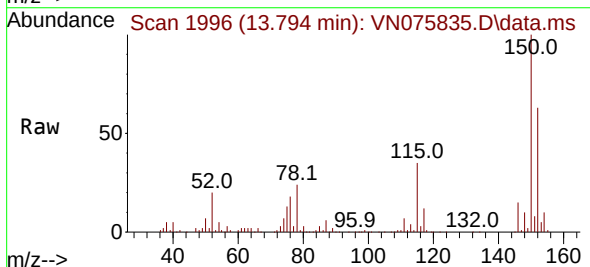
Tgt Ion:173 Resp: 135093
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

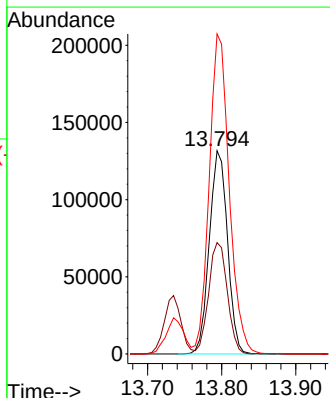
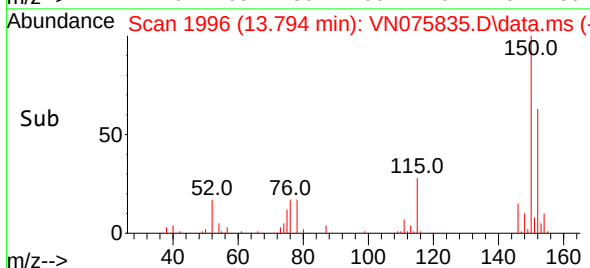
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

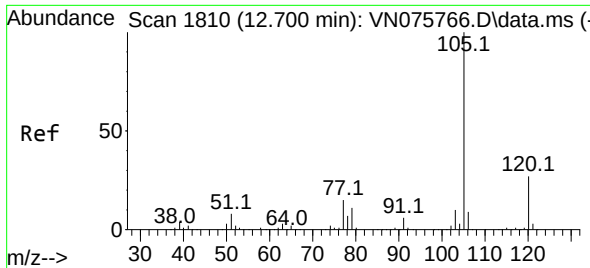


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



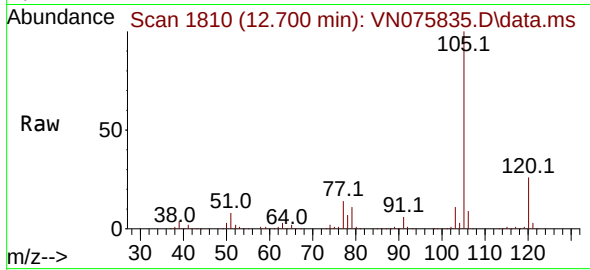
Tgt Ion:152 Resp: 224621
Ion Ratio Lower Upper
152 100
115 56.0 29.1 87.4
150 173.0 0.0 347.0





#73
Isopropylbenzene
Concen: 52.286 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

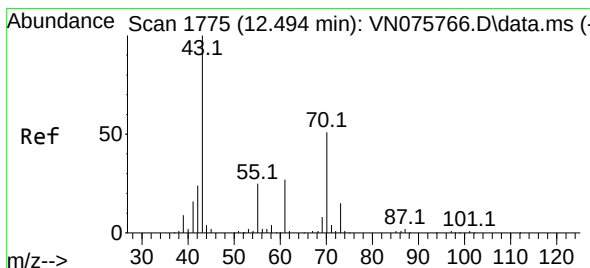
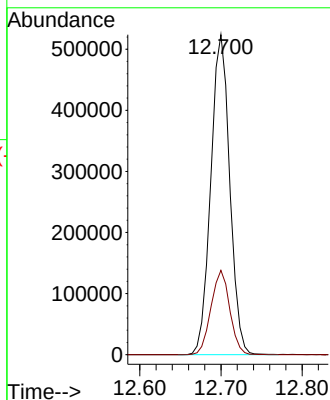
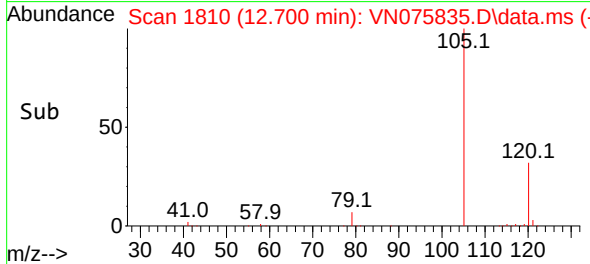
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



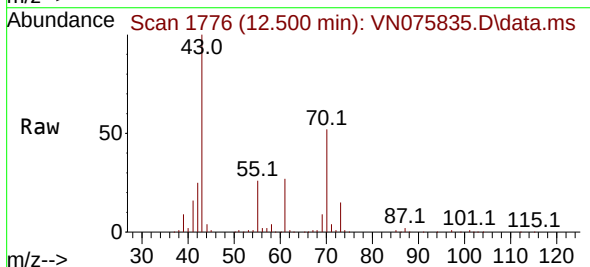
Tgt Ion:105 Resp: 848714
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

Manual Integrations
APPROVED

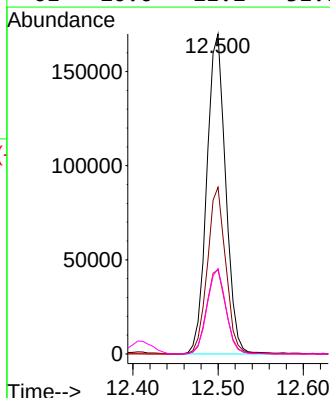
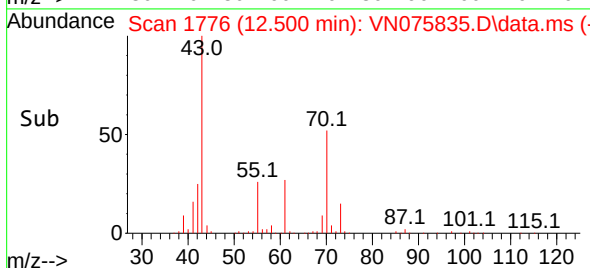
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

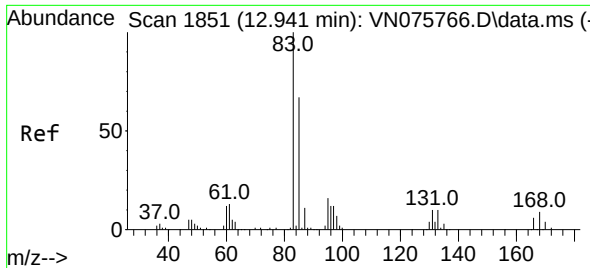


#74
N-ethyl acetate
Concen: 54.975 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



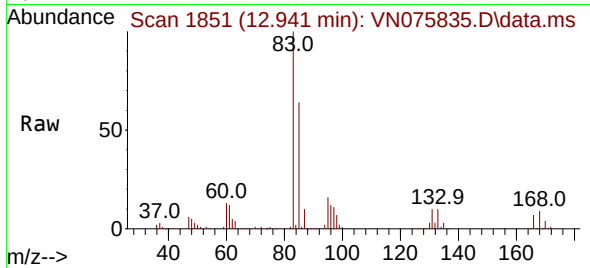
Tgt Ion: 43 Resp: 261790
Ion Ratio Lower Upper
43 100
70 50.7 41.4 62.0
55 26.9 21.3 31.9
61 26.6 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 47.346 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

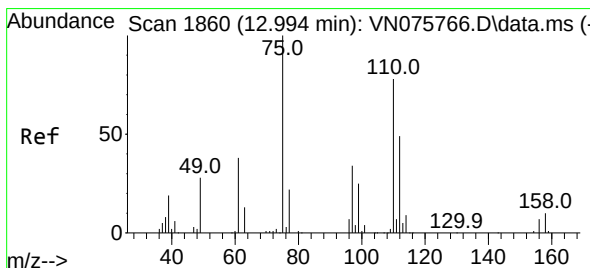
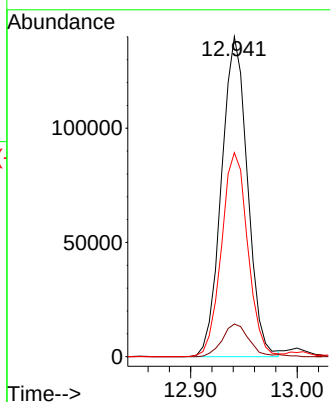
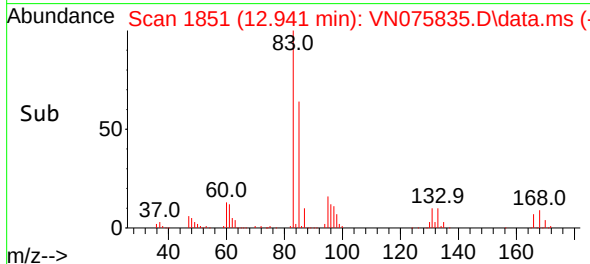
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



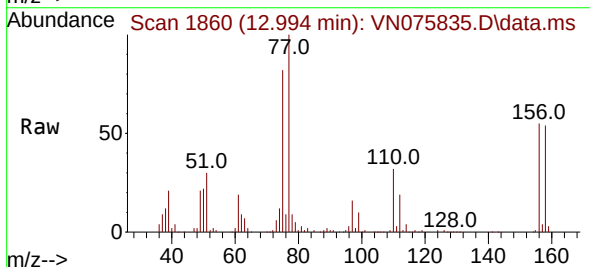
Tgt Ion: 83 Resp: 237579
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.7 32.6 98.0

Manual Integrations
APPROVED

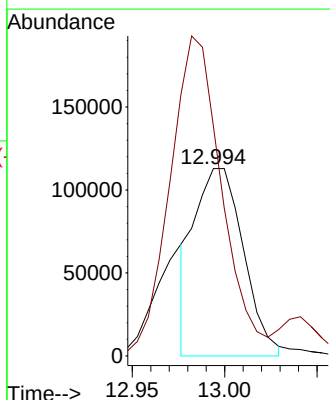
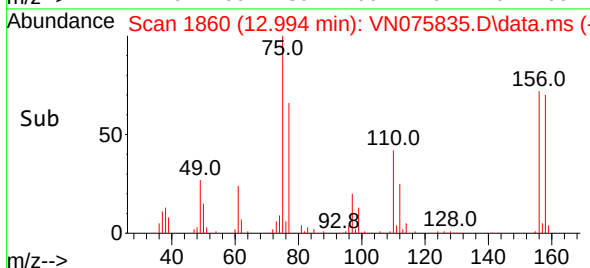
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

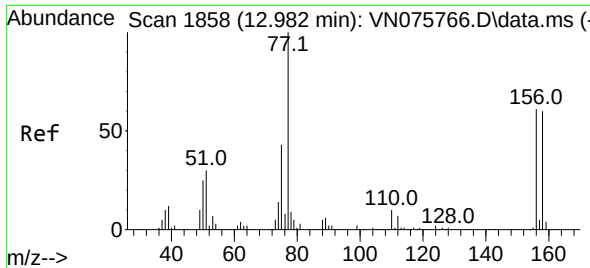


#76
1,2,3-Trichloropropane
Concen: 45.961 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



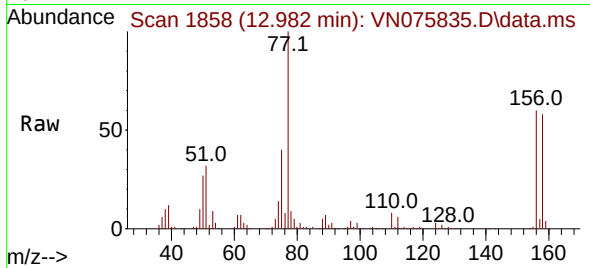
Tgt Ion: 75 Resp: 208104
Ion Ratio Lower Upper
75 100
77 181.0 82.6 247.8





#77
Bromobenzene
Concen: 49.002 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

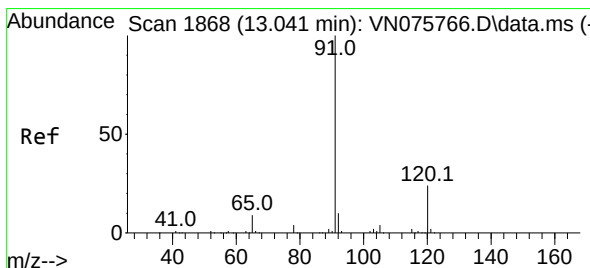
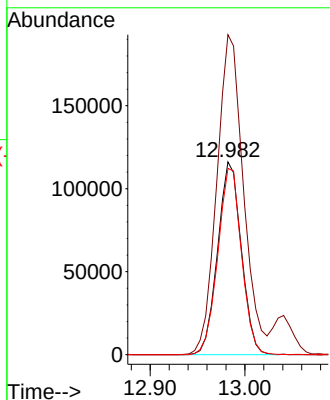
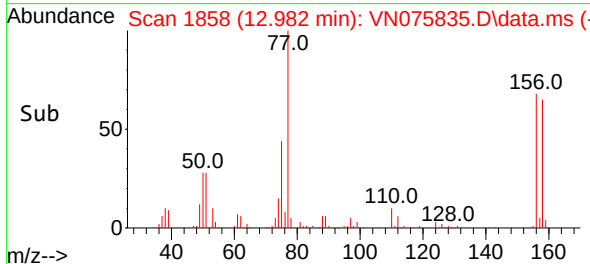
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



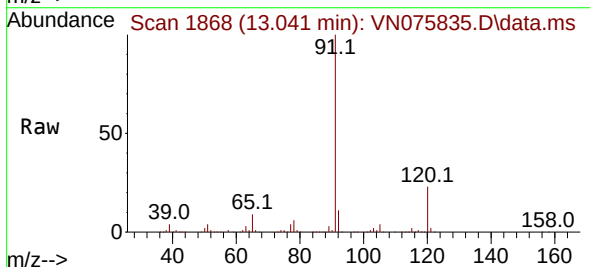
Tgt Ion:156 Resp: 201298
Ion Ratio Lower Upper
156 100
77 187.1 93.8 281.3
158 97.0 48.9 146.6

Manual Integrations
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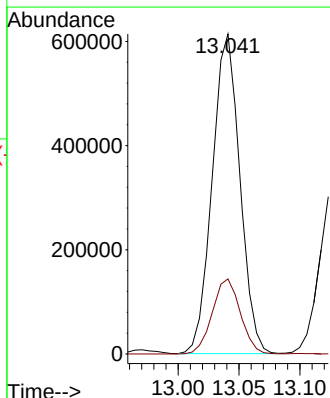
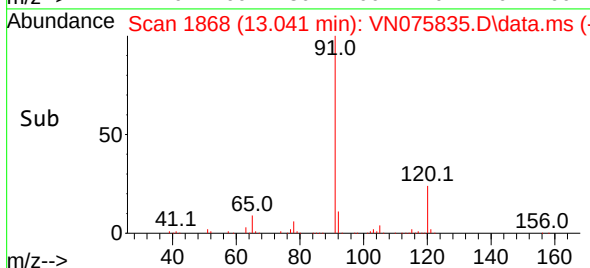
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

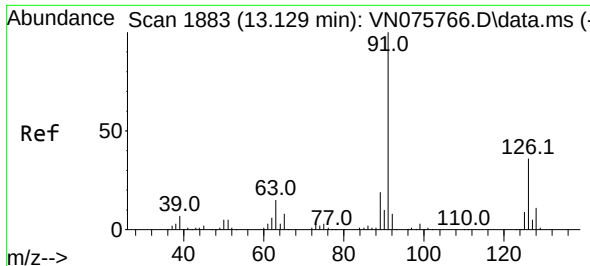


#78
n-propylbenzene
Concen: 54.142 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion: 91 Resp: 969302
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





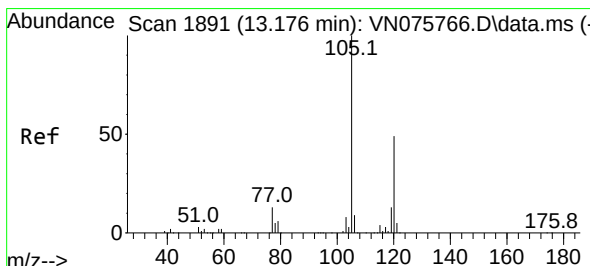
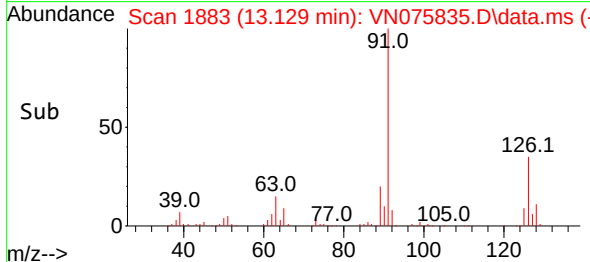
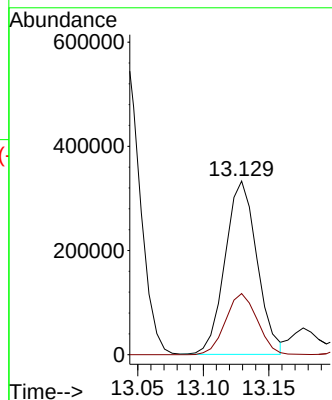
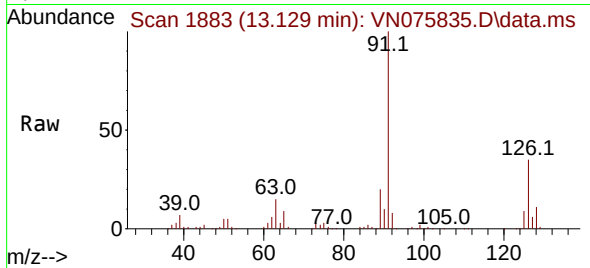
#79
2-Chlorotoluene
Concen: 50.618 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 56569
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

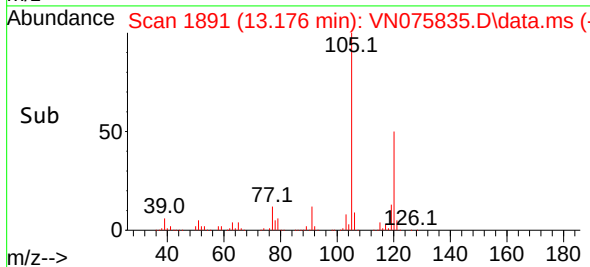
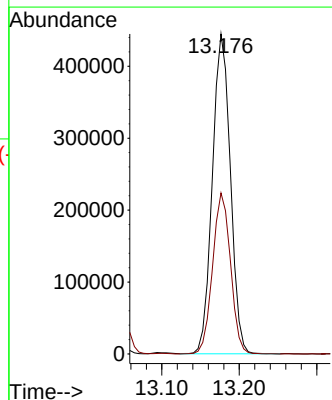
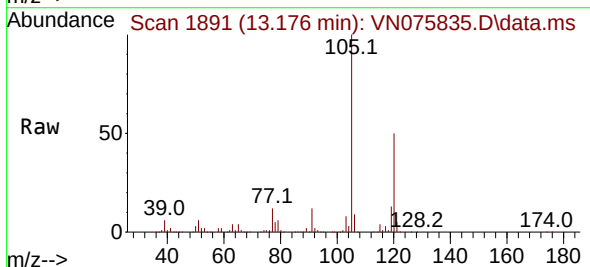
Manual Integrations
APPROVED

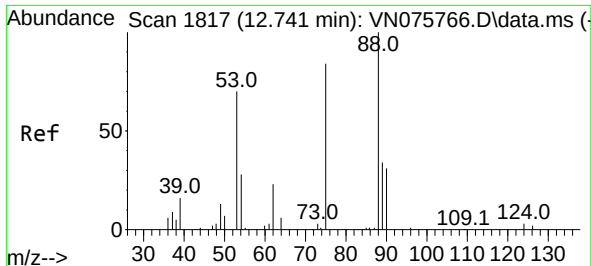
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.030 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

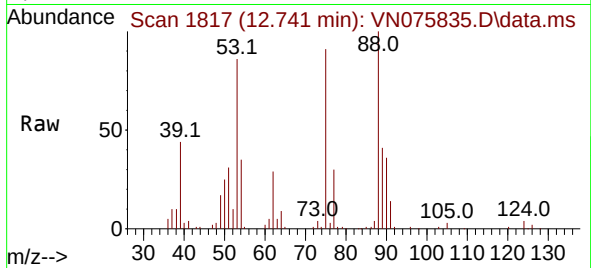
Tgt Ion:105 Resp: 720429
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.601 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

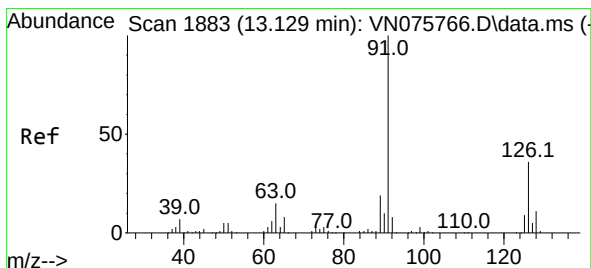
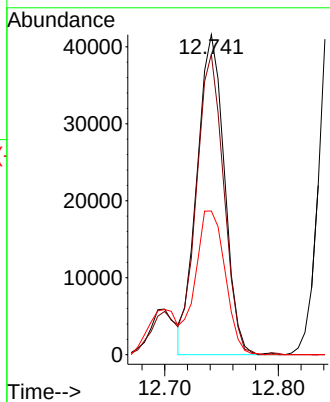
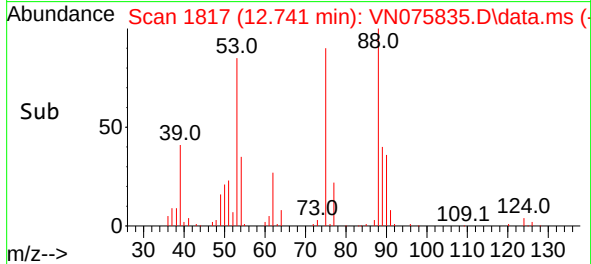
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



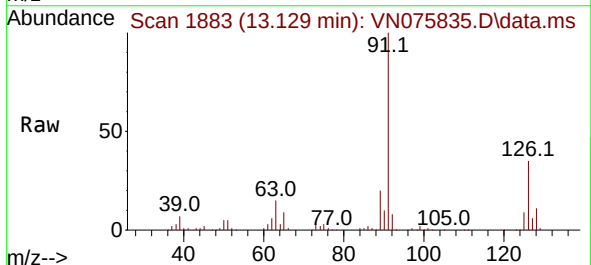
Tgt Ion: 75 Resp: 69940
Ion Ratio Lower Upper
75 100
53 92.8 73.8 110.6
89 49.1 39.5 59.3

Manual Integrations
APPROVED

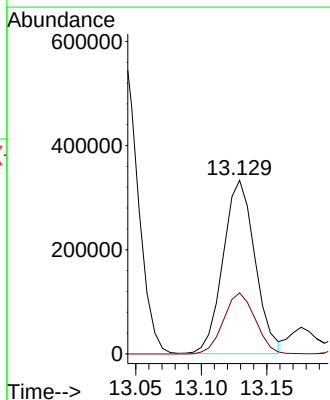
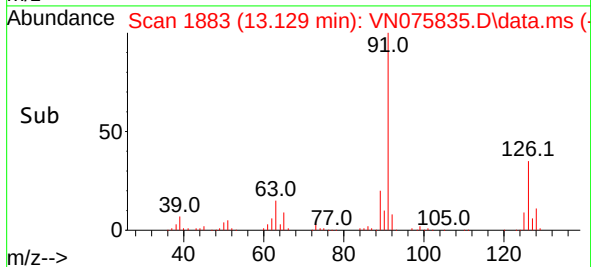
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

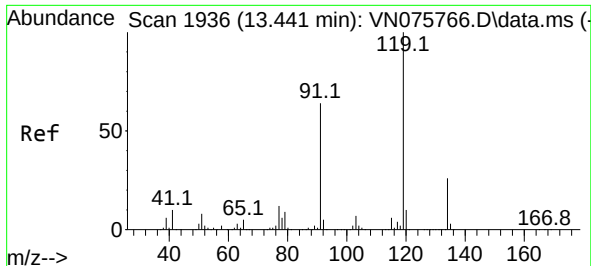


#82
4-Chlorotoluene
Concen: 50.618 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion: 91 Resp: 565691
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5





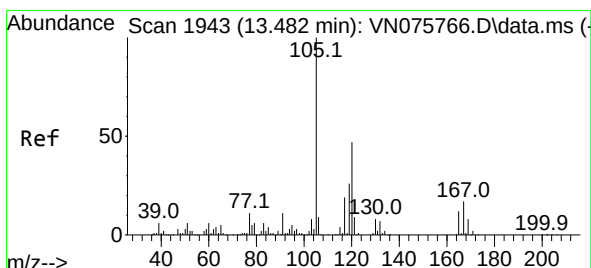
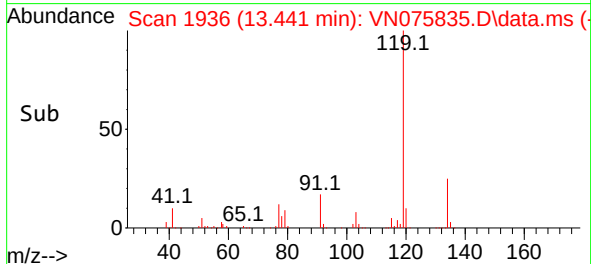
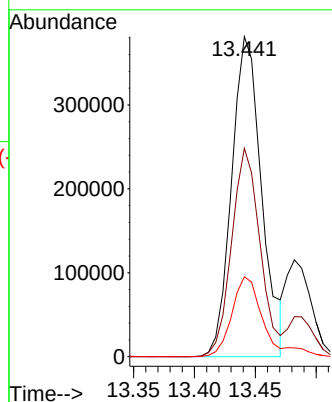
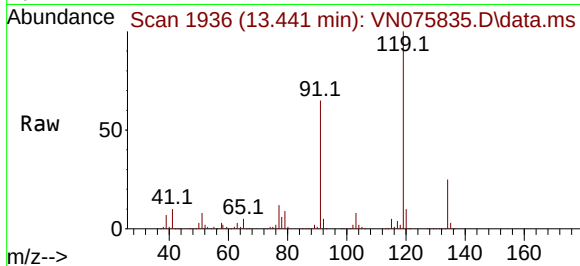
#83
tert-Butylbenzene
Concen: 54.501 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 65281
Ion Ratio Lower Upper
119 100
91 61.9 31.9 95.5
134 26.4 13.8 41.4

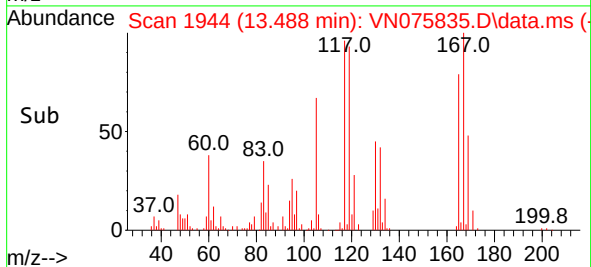
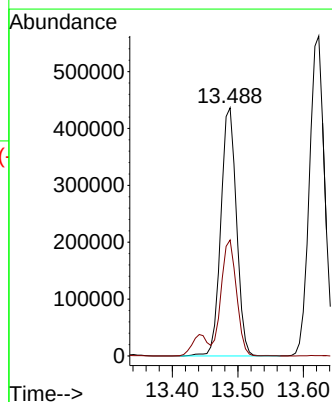
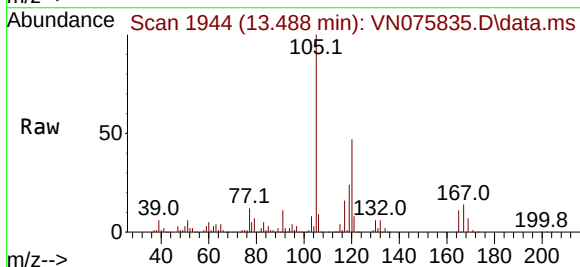
Manual Integrations
APPROVED

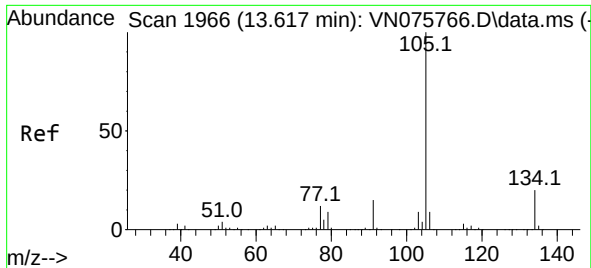
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.382 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion:105 Resp: 719451
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





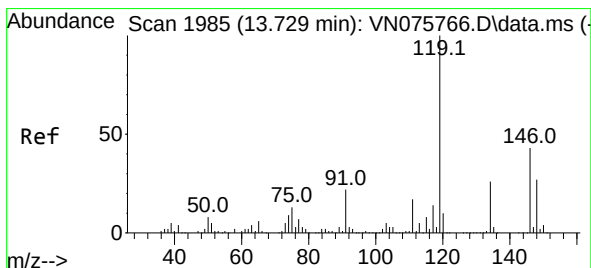
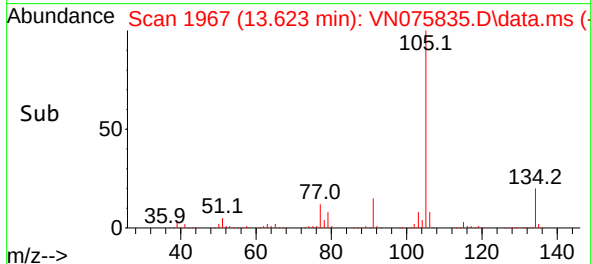
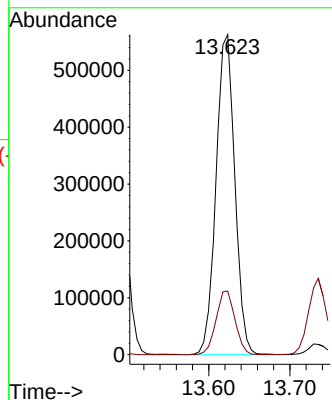
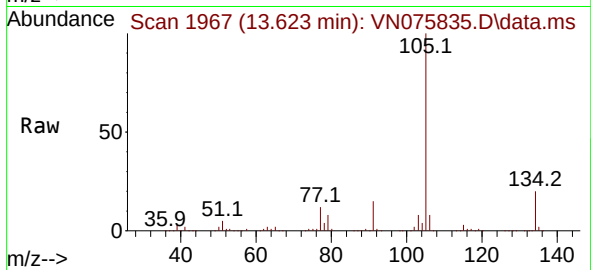
#85
 sec-Butylbenzene
 Concen: 54.715 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 904569
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

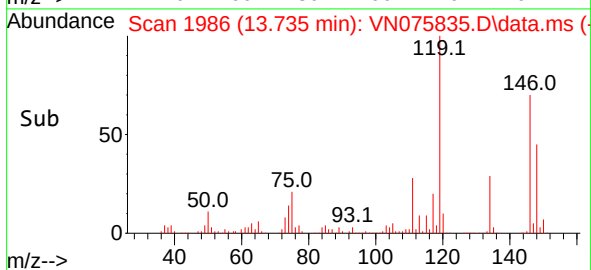
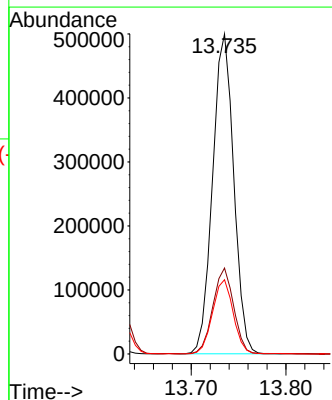
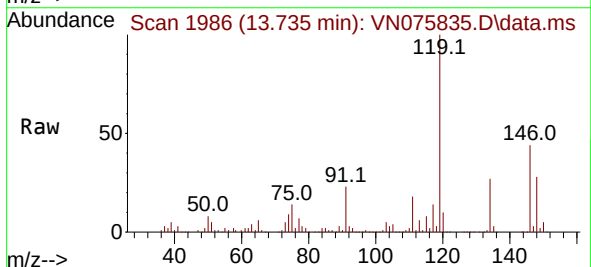
Manual Integrations
 APPROVED

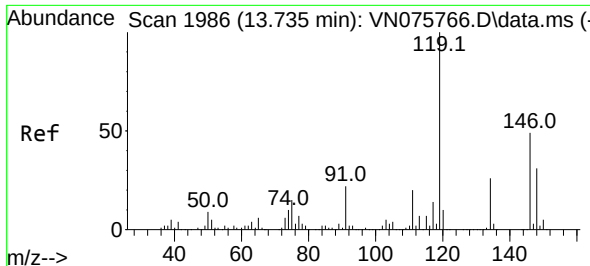
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#86
 p-Isopropyltoluene
 Concen: 56.275 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075835.D
 Acq: 16 Dec 2022 09:54

Tgt Ion:119 Resp: 774142
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.7 11.2 33.6





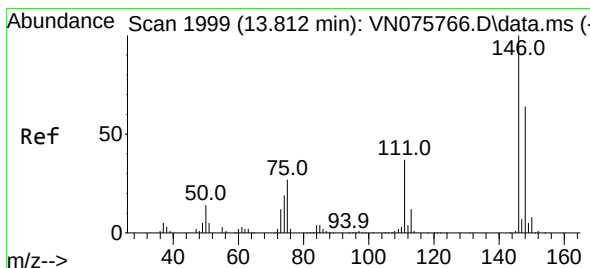
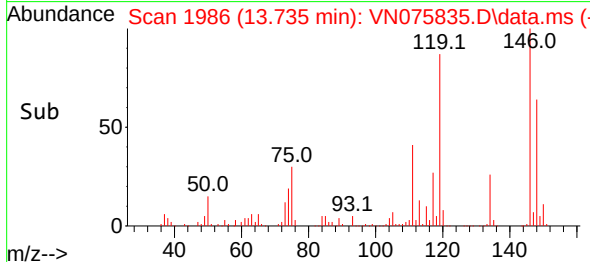
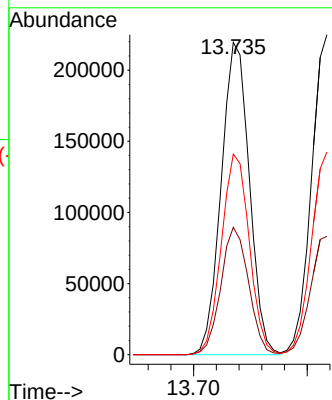
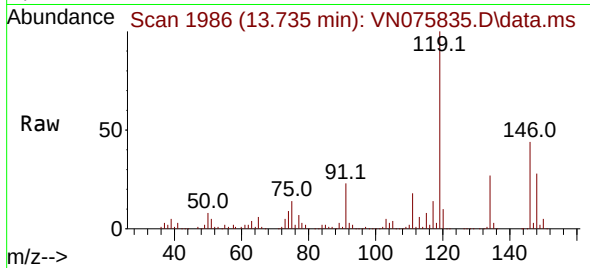
#87
1,3-Dichlorobenzene
Concen: 49.770 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 37766
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.9 31.4 94.2

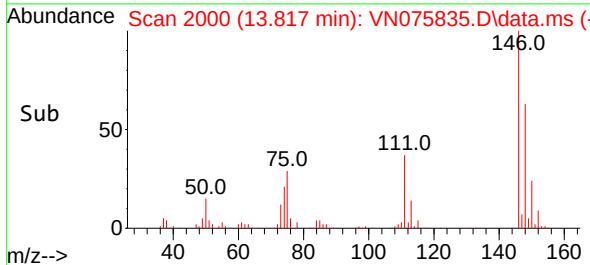
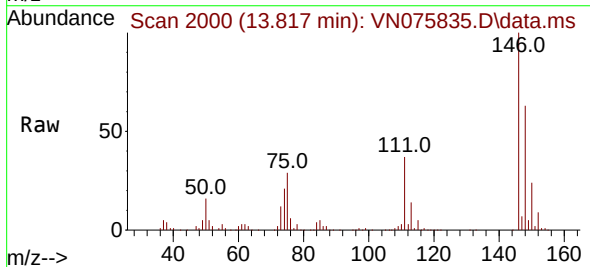
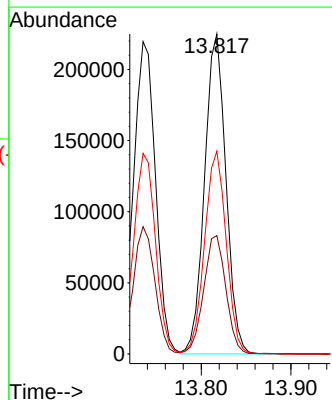
Manual Integrations
APPROVED

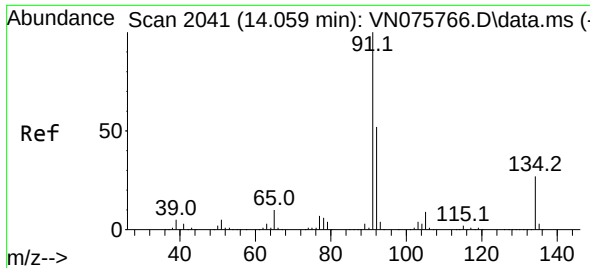
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#88
1,4-Dichlorobenzene
Concen: 47.969 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

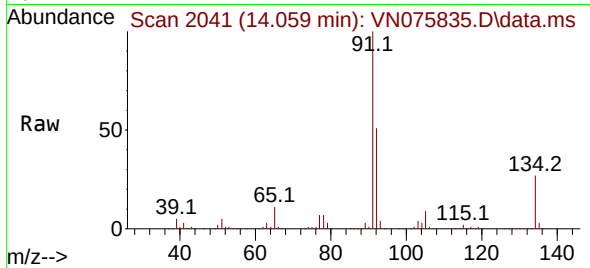
Tgt Ion:146 Resp: 371852
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.3 32.0 96.2





#89
n-Butylbenzene
Concen: 57.281 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

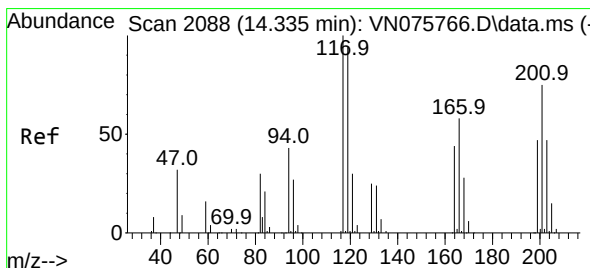
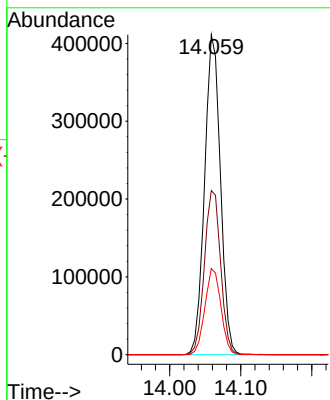
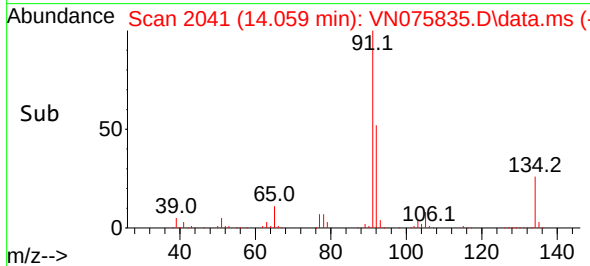
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 63837
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 27.2 13.4 40.2

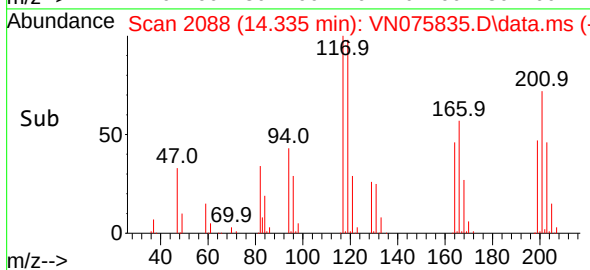
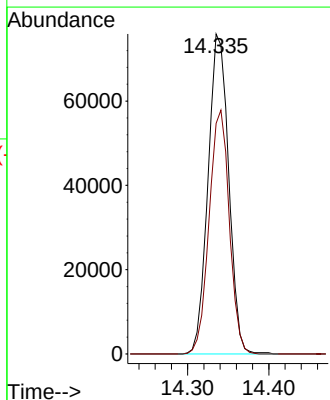
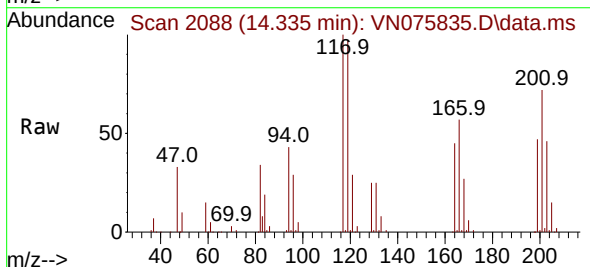
Manual Integrations
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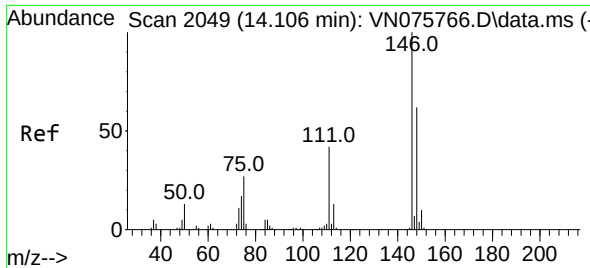
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#90
Hexachloroethane
Concen: 54.454 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion:117 Resp: 133997
Ion Ratio Lower Upper
117 100
201 74.7 38.0 114.1





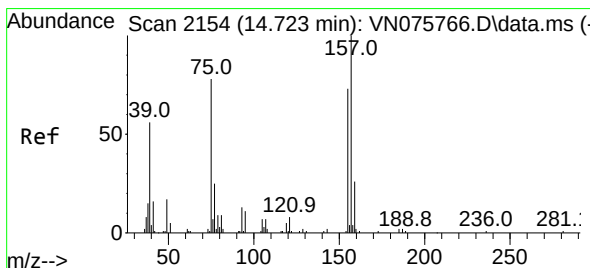
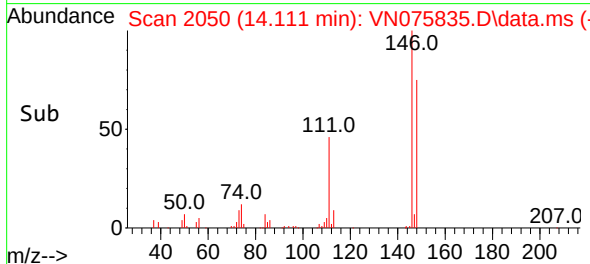
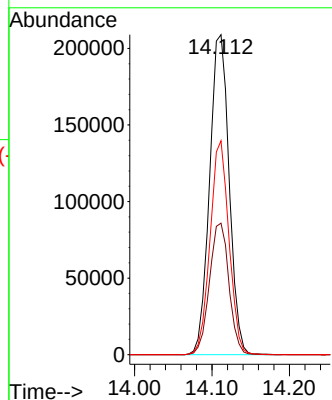
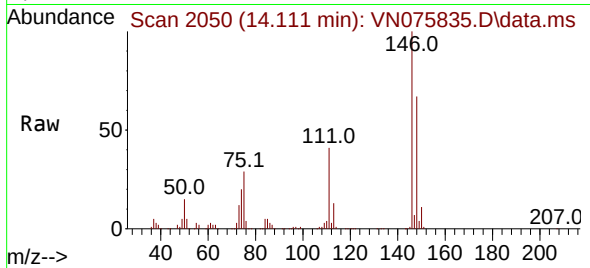
#91
1,2-Dichlorobenzene
Concen: 49.136 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 36725
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.6 31.7 95.1

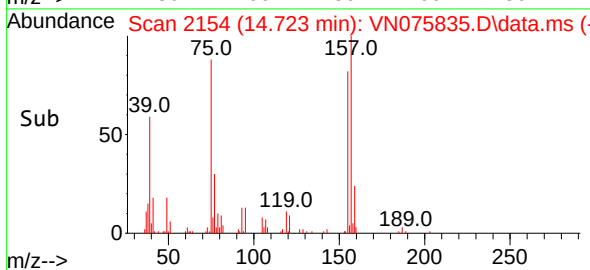
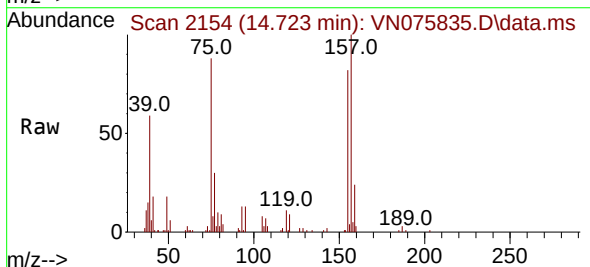
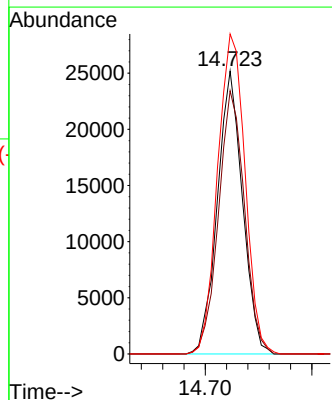
Manual Integrations
APPROVED

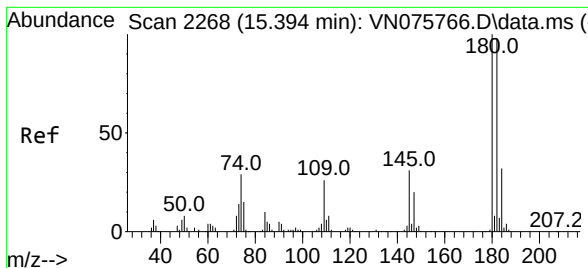
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.369 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

Tgt Ion: 75 Resp: 41287
Ion Ratio Lower Upper
75 100
155 95.6 49.3 147.8
157 123.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 53.476 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 19788

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

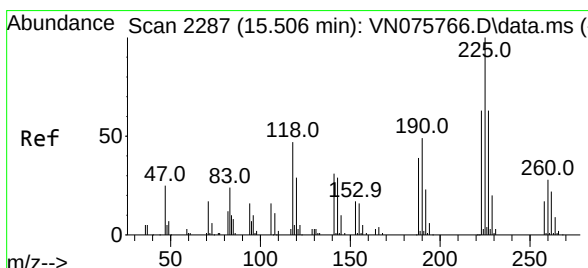
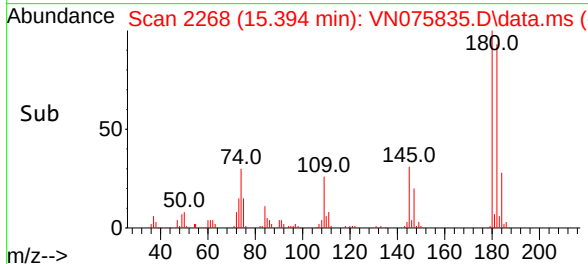
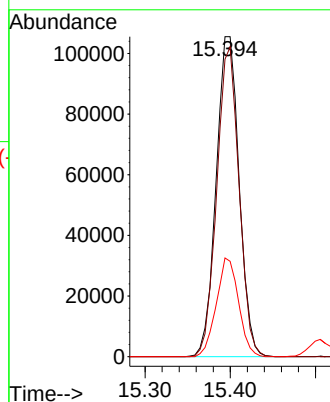
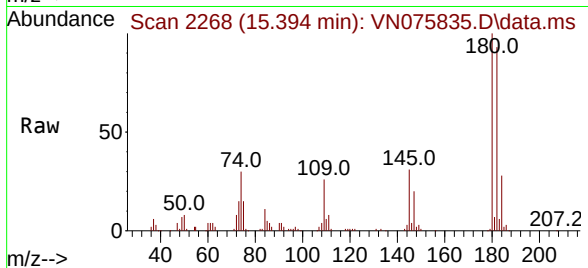
145 29.8 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#94

Hexachlorobutadiene

Concen: 50.398 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075835.D

Acq: 16 Dec 2022 09:54

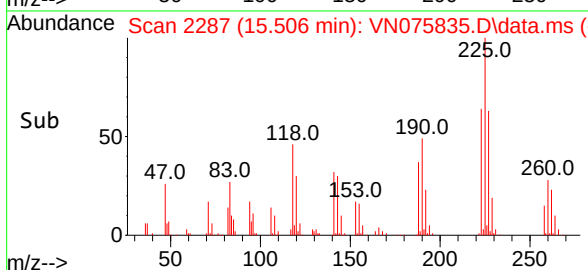
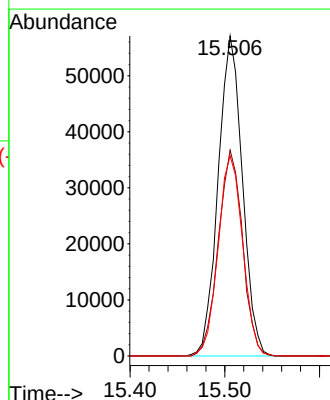
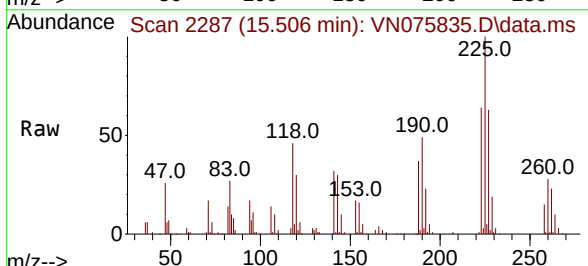
Tgt Ion:225 Resp: 101748

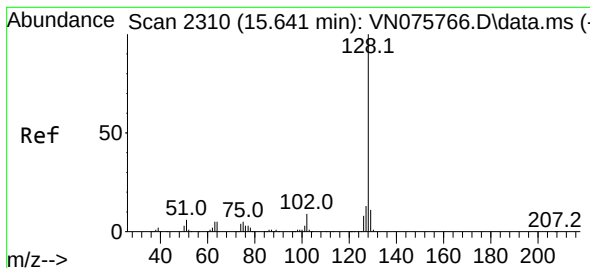
Ion Ratio Lower Upper

225 100

223 64.0 31.5 94.5

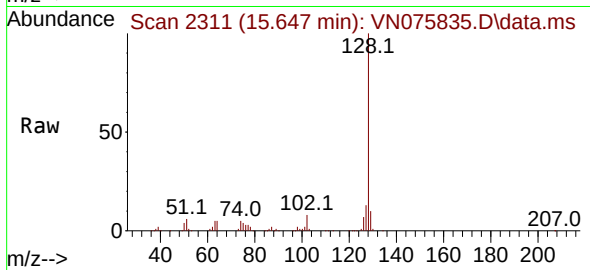
227 63.1 31.6 95.0





#95
Naphthalene
Concen: 45.952 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54

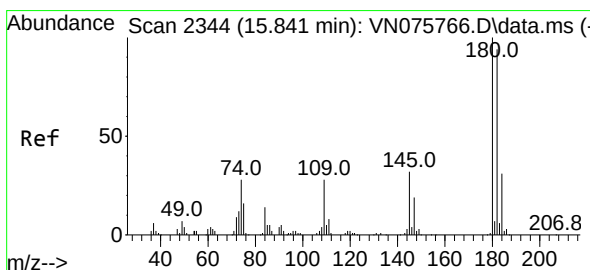
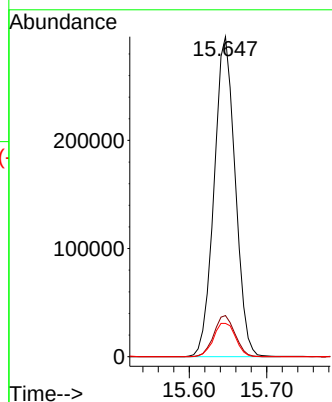
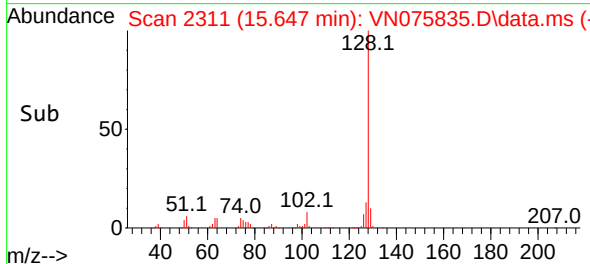
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



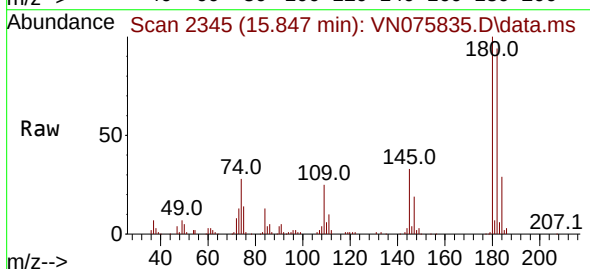
Tgt Ion:128 Resp: 55949
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.345 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075835.D
Acq: 16 Dec 2022 09:54



Tgt Ion:180 Resp: 187955
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 33.0 16.0 47.9

