

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074891.D
 Acq On : 13 Oct 2022 12:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 14 05:03:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.830	128	68454	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	406425	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	377585	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	207714	32.411	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.033%			
60) 4-Bromofluorobenzene	12.853	95	185893	27.762	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.533%			
63) Toluene-d8	10.571	98	652366	29.936	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	81436	21.423	ug/l	97
3) Chloromethane	2.383	50	136848	22.260	ug/l	89
4) Vinyl Chloride	2.536	62	190294	21.020	ug/l	99
5) Bromomethane	2.965	94	151471	21.103	ug/l	88
6) Chloroethane	3.130	64	155878	22.959	ug/l	99
7) Trichlorofluoromethane	3.512	101	153495	22.744	ug/l	99
8) Diethyl Ether	3.977	74	64970m	20.644	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.395	101	99656	23.465	ug/l	79
10) 1,1-Dichloroethene	4.365	96	88288m	21.134	ug/l	
11) Methyl Iodide	4.612	142	106015	20.329	ug/l	92
12) Methyl Acetate	5.047	43	201266	19.988	ug/l	90
13) Acrolein	4.206	56	145765	102.455	ug/l	100
14) Acrylonitrile	5.747	53	395937	105.428	ug/l	99
15) Acetone	4.453	58	129849	126.155	ug/l	99
16) Carbon Disulfide	4.730	76	220180m	20.515	ug/l	
17) Allyl chloride	5.042	41	181757m	21.852	ug/l	
18) Methylene Chloride	5.306	84	116123	21.436	ug/l #	93
19) trans-1,2-Dichloroethene	5.812	96	97127	21.179	ug/l	93
20) Diisopropyl ether	6.689	45	398220	20.509	ug/l	96
21) 1,1-Dichloroethane	6.583	63	207846	21.040	ug/l	98
22) cis-1,2-Dichloroethene	7.506	96	123244	21.461	ug/l	99
23) tert-Butyl Alcohol	5.547	59	159095	100.538	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	371309	21.282	ug/l #	89
25) Chloroform	7.977	83	207518	21.155	ug/l	97
26) Cyclohexane	8.271	56	194288	22.391	ug/l #	94
29) 1,1-Dichloropropene	8.383	75	149590	20.399	ug/l	94
30) 2-Butanone	7.500	43	606277	103.619	ug/l #	95
31) 2,2-Dichloropropane	7.500	77	177314	19.753	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	185005	21.037	ug/l	98
33) Carbon Tetrachloride	8.371	117	145432	20.137	ug/l	93
34) Benzene	8.618	78	493838	20.373	ug/l #	89
35) Methacrylonitrile	7.800	41	105481m	17.541	ug/l	
36) 1,2-Dichloroethane	8.677	62	157563	19.519	ug/l	97
37) Trichloroethene	9.365	130	94244	18.695	ug/l	94
38) Methylcyclohexane	9.606	83	182728	20.511	ug/l	98
39) 1,2-Dichloropropane	9.630	63	126822	20.182	ug/l	96
40) Dibromomethane	9.718	93	83818	20.129	ug/l	98
41) Bromodichloromethane	9.894	83	163024	20.103	ug/l #	96
42) Vinyl Acetate	6.624	43	1789329m	102.663	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	213825	18.796	ug/l	98
44) Isopropyl Acetate	8.694	43	351823	19.999	ug/l	98
45) 1,4-Dioxane	9.700	88	56921	352.864	ug/l #	87
46) Methyl methacrylate	9.688	41	136487	17.914	ug/l	97
47) n-amyl Acetate	12.500	43	285677	18.560	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	178219	19.155	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	195640	19.829	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	121463	19.822	ug/l	97
51) Ethyl methacrylate	10.876	69	200133	19.207	ug/l	96
52) 1,3-Dichloropropane	11.165	76	212632	20.104	ug/l	99
53) Dibromochloromethane	11.365	129	110430	18.394	ug/l	100
54) 1,2-Dibromoethane	11.471	107	119446	20.289	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	385825	94.662	ug/l	99
56) Bromoform	12.582	173	76943	17.785	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	1141426	97.201	ug/l	97
59) 2-Hexanone	11.200	43	861930	95.374	ug/l	97
61) Tetrachloroethene	11.106	164	81169	20.164	ug/l #	85
62) Toluene	10.635	91	520837	19.966	ug/l	98
64) Chlorobenzene	11.894	112	294025	19.829	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	105934	18.968	ug/l	99
66) Ethyl Benzene	11.965	91	548733	19.344	ug/l	100
67) m/p-Xylenes	12.076	106	418733	39.293	ug/l	96
68) o-Xylene	12.400	106	217888	20.115	ug/l	94
69) Styrene	12.412	104	331045	18.672	ug/l	98
70) Isopropylbenzene	12.700	105	546481	19.561	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	201806	19.310	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	172599m	19.659	ug/l	
73) Bromobenzene	12.982	156	107536	18.368	ug/l	96
74) n-propylbenzene	13.041	91	627675	19.270	ug/l	97
75) 2-Chlorotoluene	13.123	91	363858	19.095	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	432786	19.063	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	66462	18.220	ug/l	88
78) 4-Chlorotoluene	13.223	91	335864	18.470	ug/l	98
79) tert-butylbenzene	13.441	119	377072	18.672	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	442348	19.365	ug/l	97
81) sec-Butylbenzene	13.617	105	560273	19.304	ug/l	99
82) p-Isopropyltoluene	13.729	119	433627	18.803	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	205720	18.009	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	204510	18.639	ug/l	97
85) n-Butylbenzene	14.059	91	380900	18.712	ug/l	95
86) Hexachloroethane	14.335	117	88910	19.686	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	216890	19.122	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	37562	17.809	ug/l	96
89) 1,2,4-Trichlorobenzene	15.400	180	96936	18.713	ug/l	97
90) Hexachlorobutadiene	15.500	225	47470	18.795	ug/l	78
91) Naphthalene	15.641	128	361570	17.591	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	92908	17.145	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

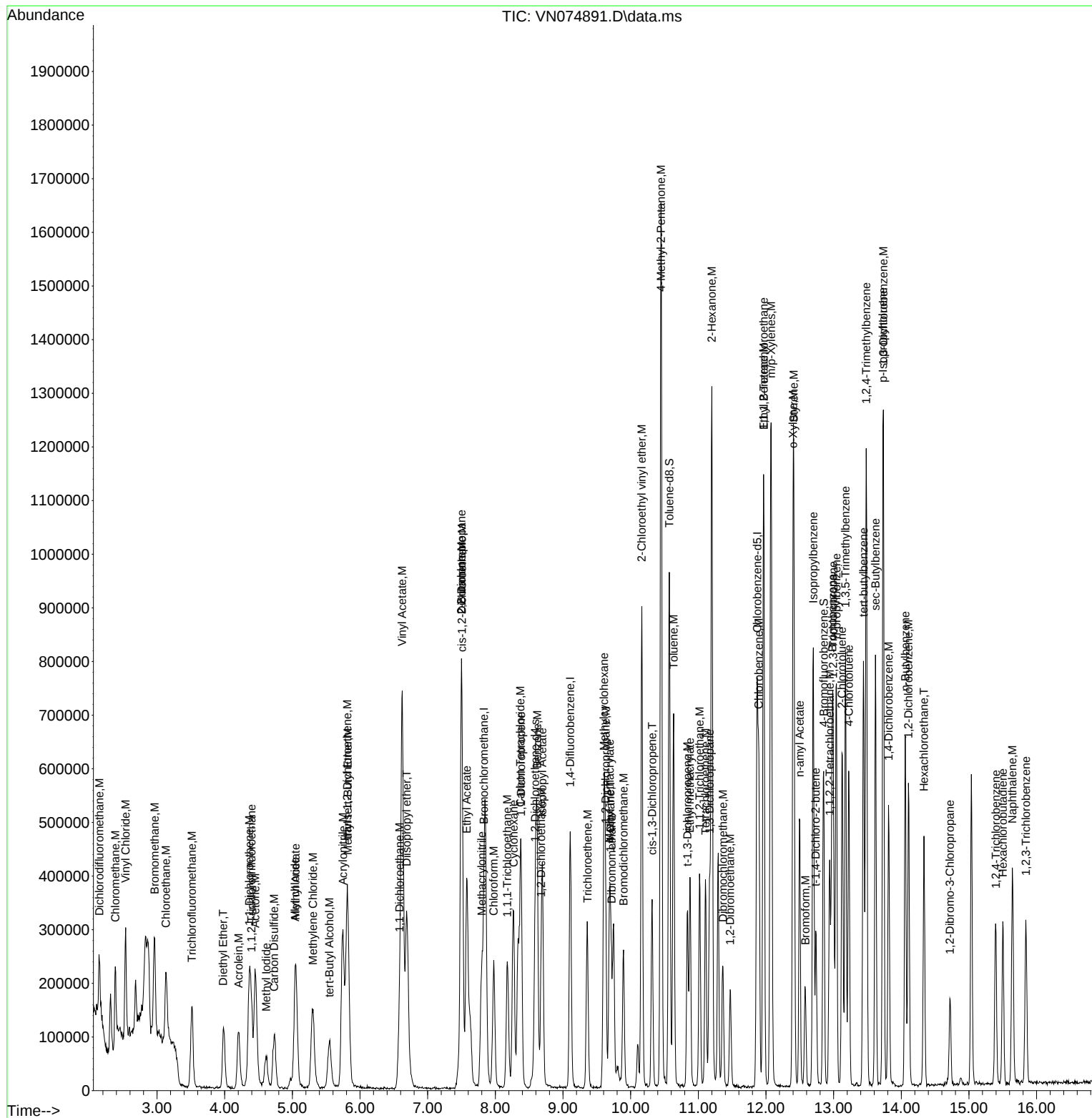
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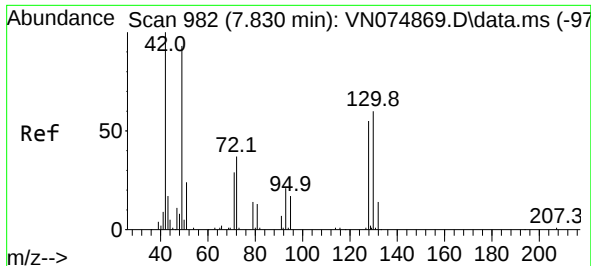
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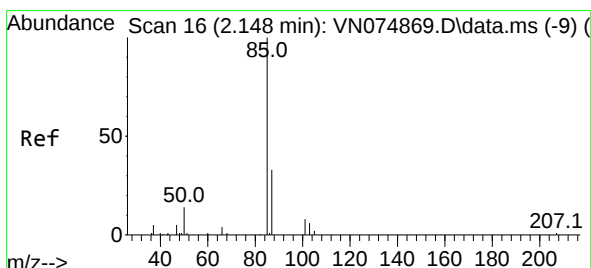
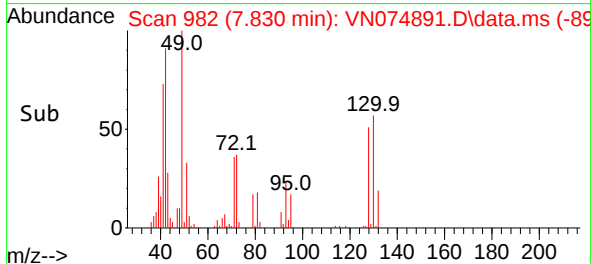
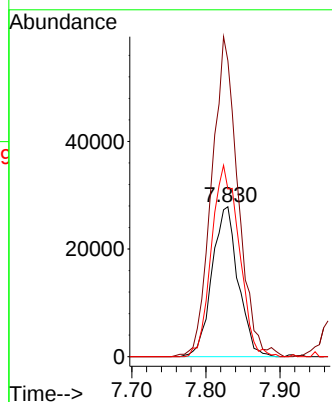
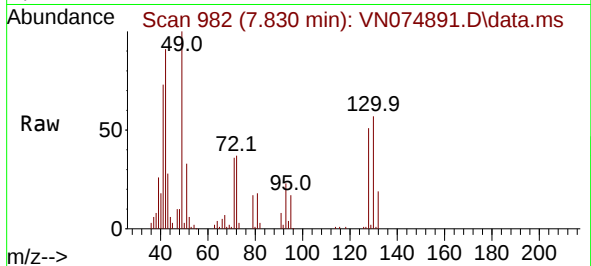
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 68454
Ion Ratio Lower Upper
128 100
49 213.2 0.0 492.0
130 133.1 0.0 313.3

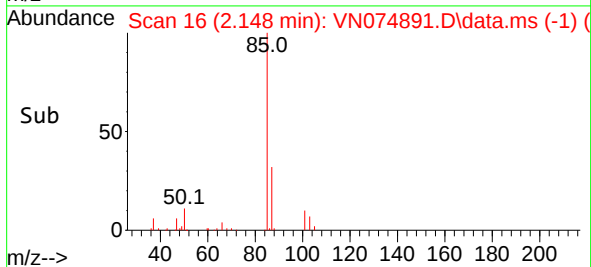
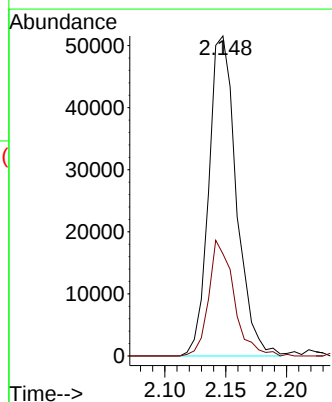
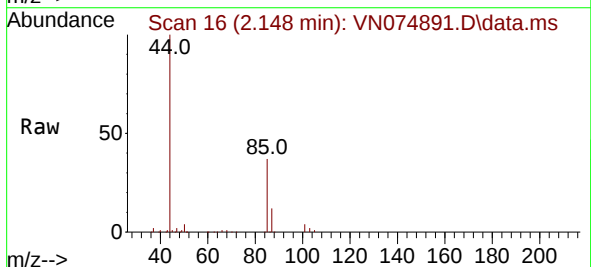
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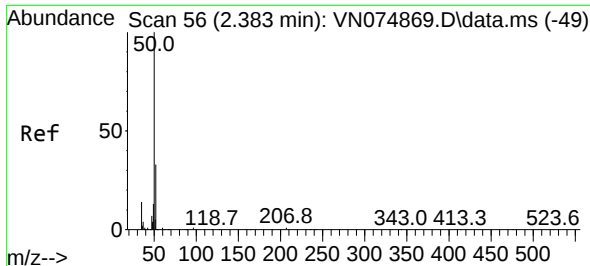
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 21.423 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

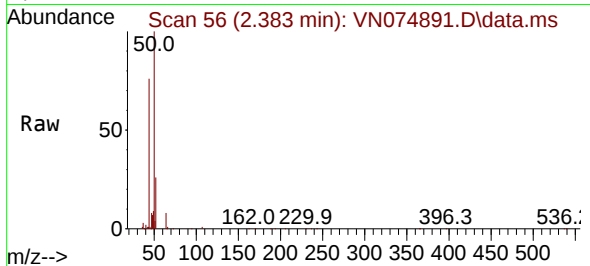
Tgt Ion: 85 Resp: 81436
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 22.260 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

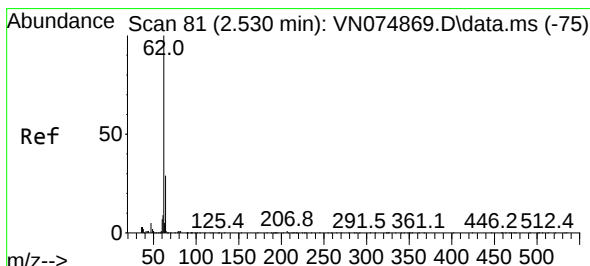
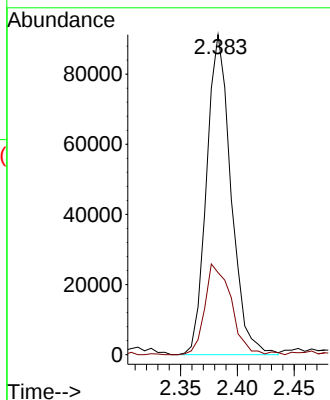
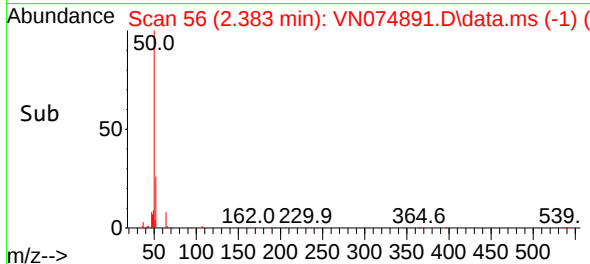
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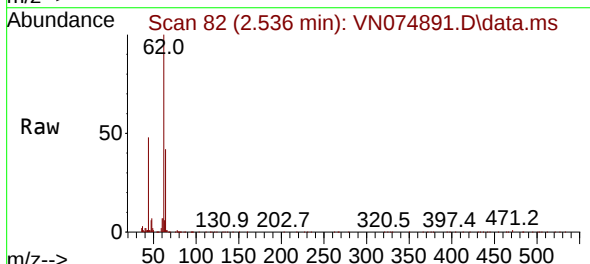
Tgt Ion: 50 Resp: 136848
Ion Ratio Lower Upper
50 100
52 25.6 25.5 38.3

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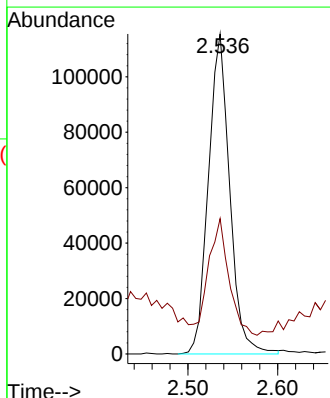
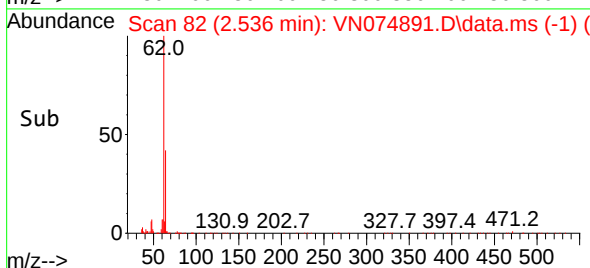
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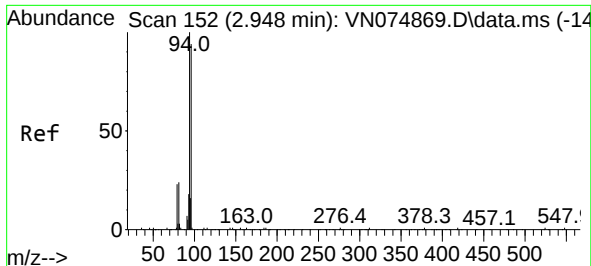


#4
Vinyl Chloride
Concen: 21.020 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



Tgt Ion: 62 Resp: 190294
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





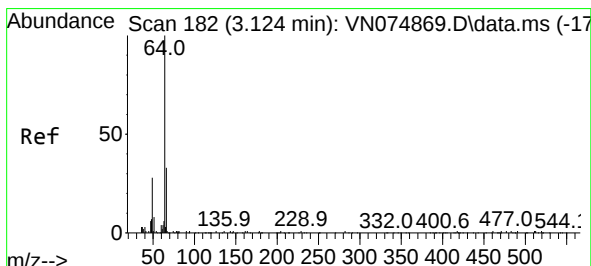
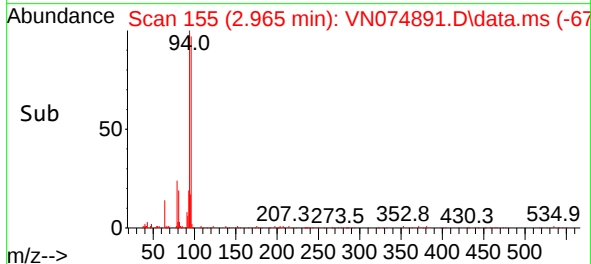
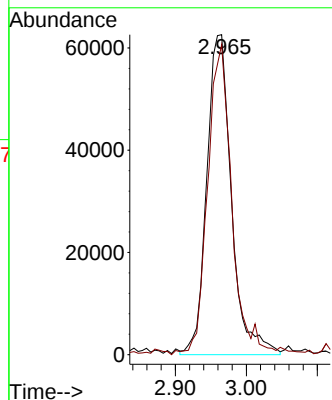
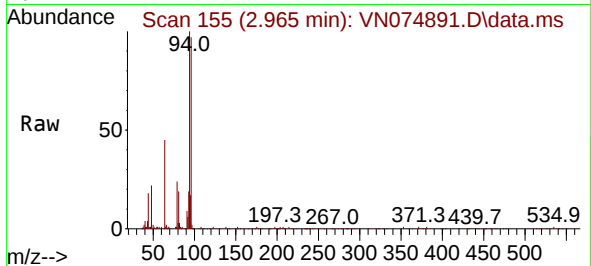
#5
Bromomethane
Concen: 21.103 ug/l
RT: 2.965 min Scan# 155
Delta R.T. 0.018 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 15147
Ion Ratio Lower Upper
94 100
96 96.8 68.3 102.5

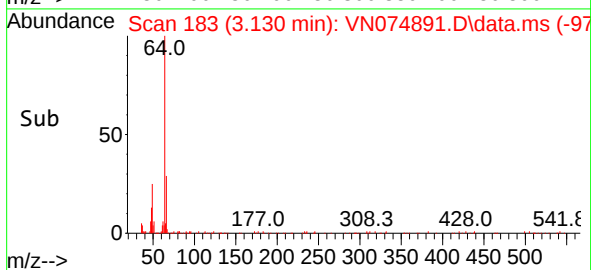
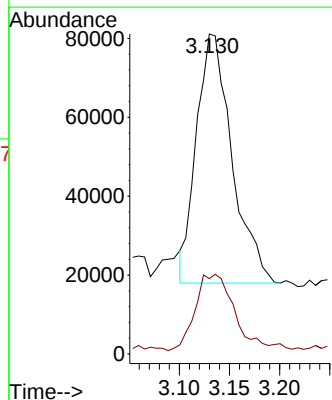
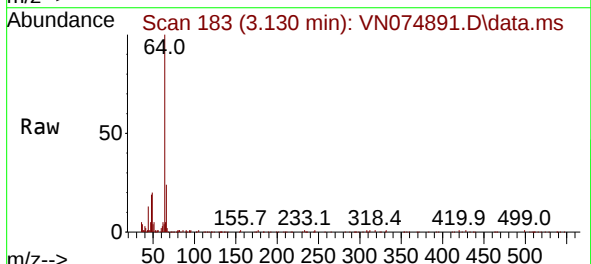
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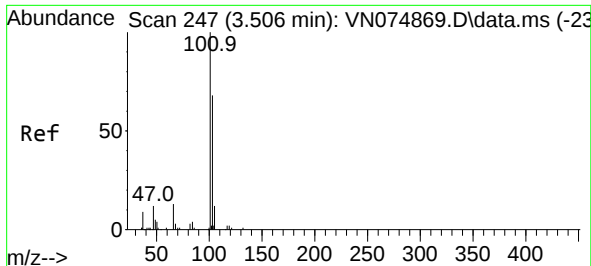
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#6
Chloroethane
Concen: 22.959 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074891.D
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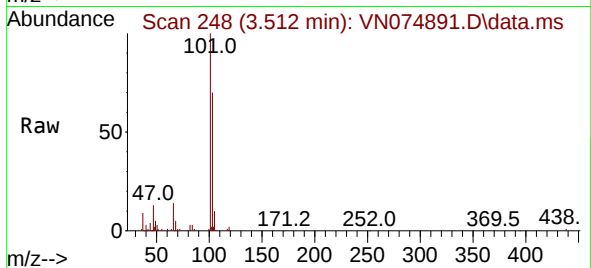
Tgt Ion: 64 Resp: 155878
Ion Ratio Lower Upper
64 100
66 26.6 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 22.744 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

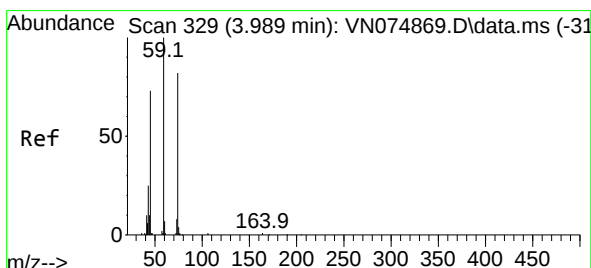
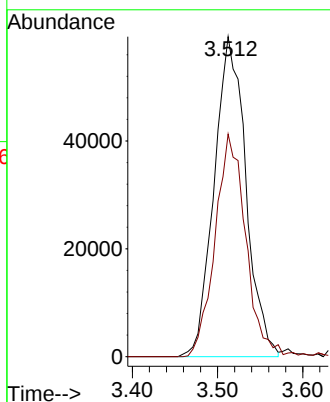
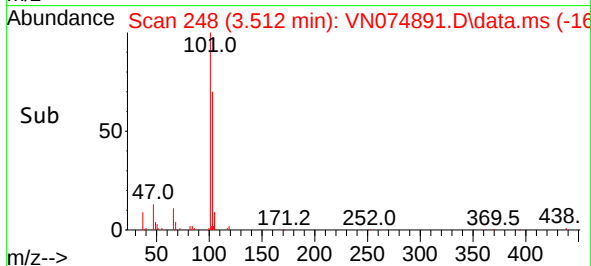
Instrument :
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 ClientSampleId :
 VSTDCCC020



Tgt Ion:101 Resp: 15349
 Ion Ratio Lower Upper
 101 100
 103 69.6 54.8 82.2

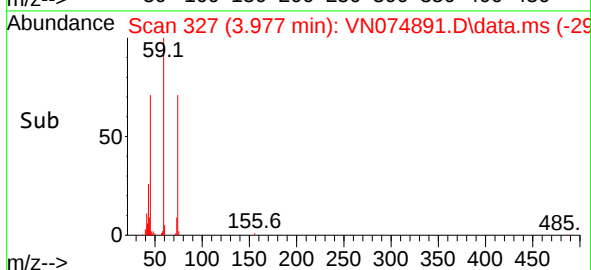
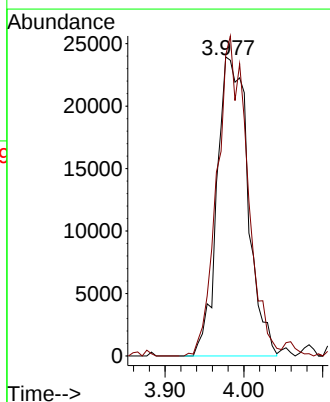
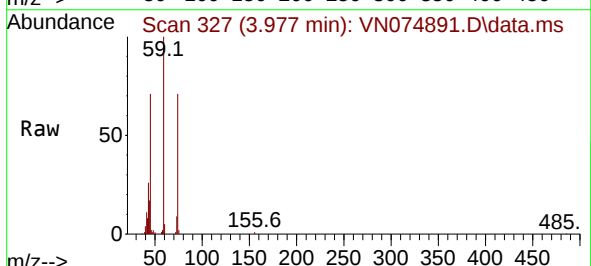
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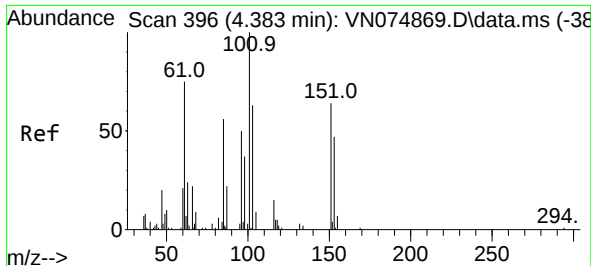
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#8
 Diethyl Ether
 Concen: 20.644 ug/l m
 RT: 3.977 min Scan# 327
 Delta R.T. -0.012 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

Tgt Ion: 74 Resp: 64970
 Ion Ratio Lower Upper
 74 100
 45 63.5 19.0 171.0





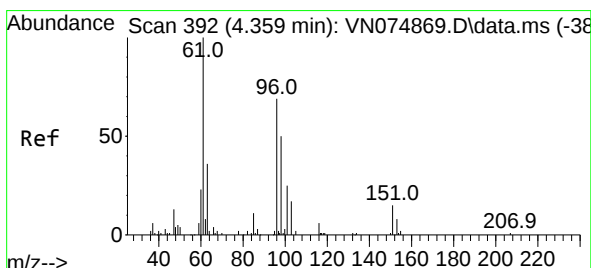
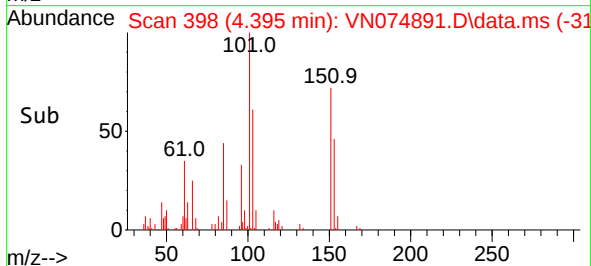
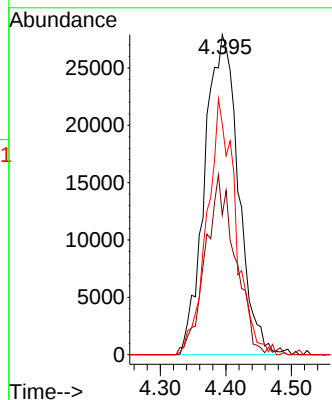
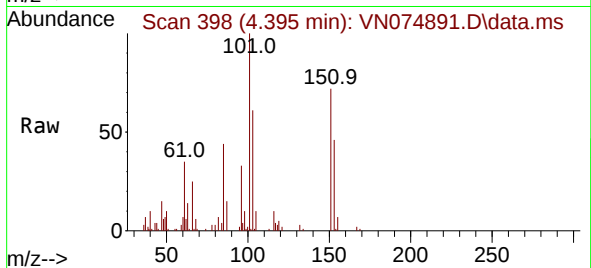
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.465 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 99650
Ion Ratio Lower Upper
101 100
85 49.5 0.0 94.6
151 44.6 0.0 144.8

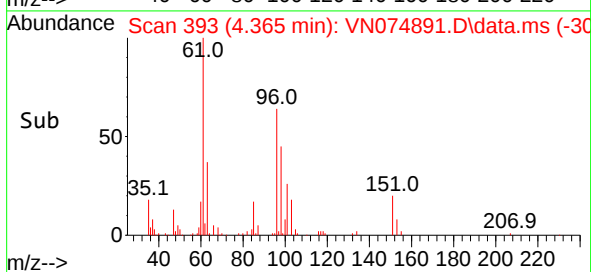
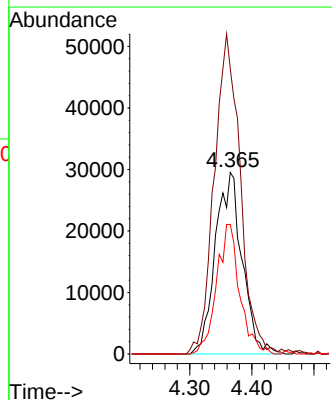
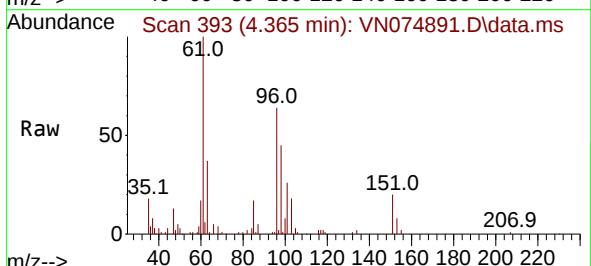
Manual Integrations
APPROVED

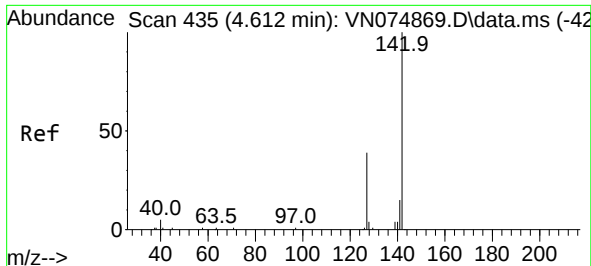
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 21.134 ug/l m
RT: 4.365 min Scan# 393
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

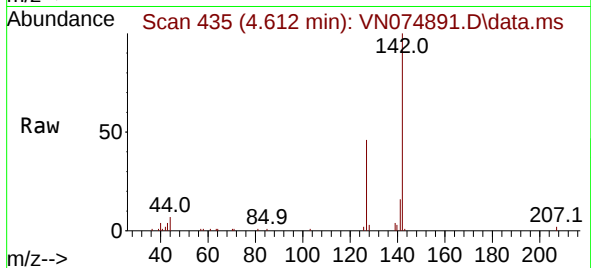
Tgt Ion: 96 Resp: 88288
Ion Ratio Lower Upper
96 100
61 156.9 125.5 188.3
98 71.3 45.0 67.4#





#11
Methyl Iodide
Concen: 20.329 ug/l
RT: 4.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

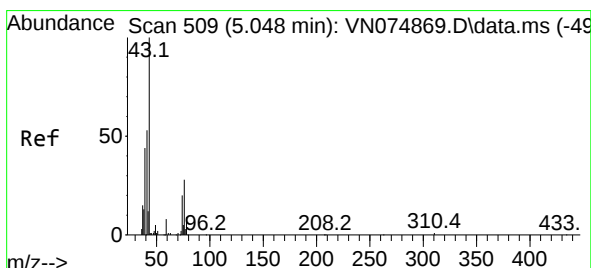
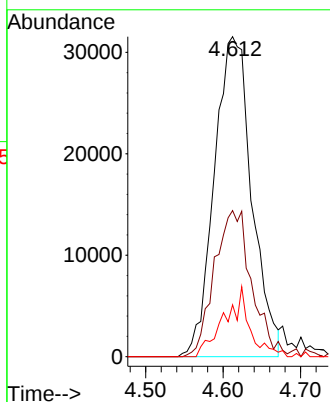
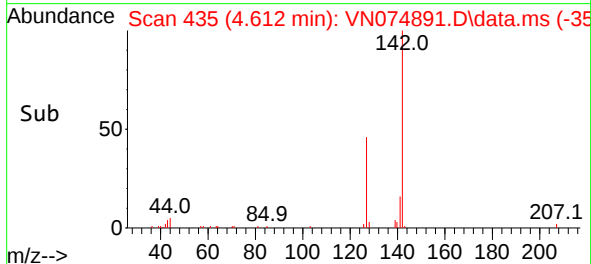
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 106015
Ion Ratio Lower Upper
142 100
127 45.2 19.3 57.8
141 16.2 7.7 23.1

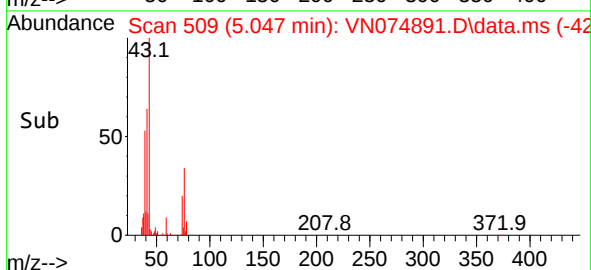
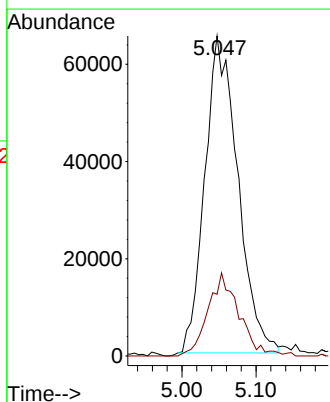
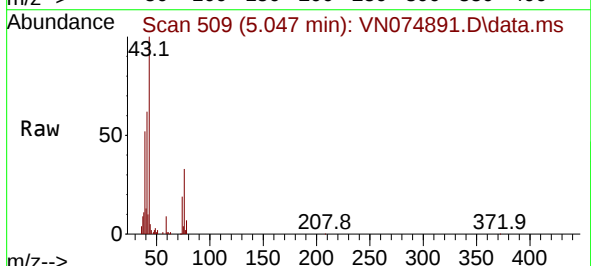
Manual Integrations
APPROVED

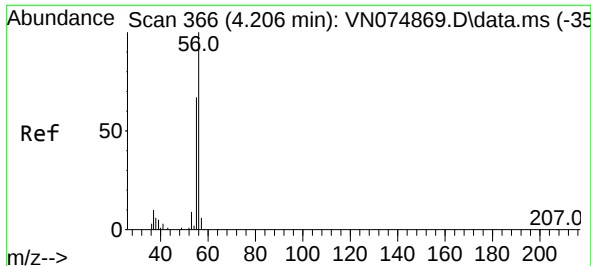
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 19.988 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

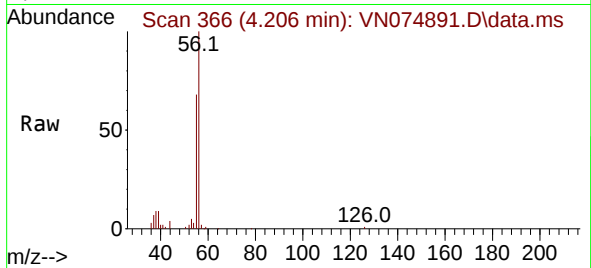
Tgt Ion: 43 Resp: 201266
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.6





#13
Acrolein
Concen: 102.455 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

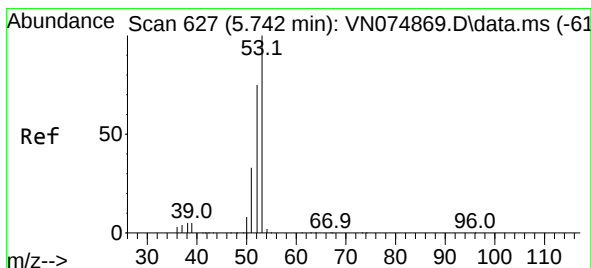
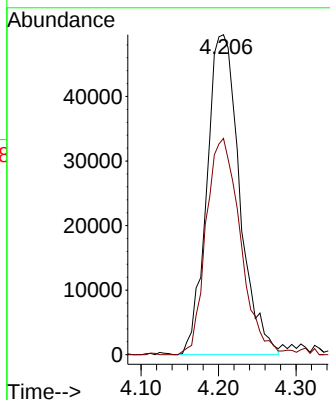
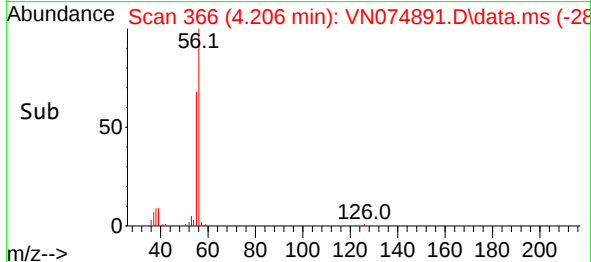
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 145768
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.2

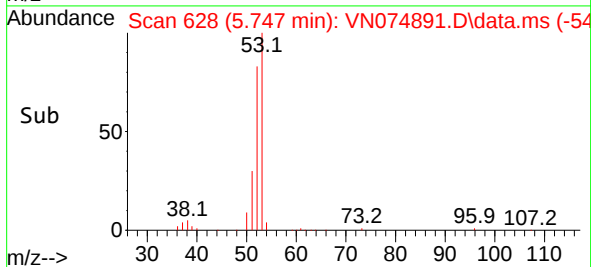
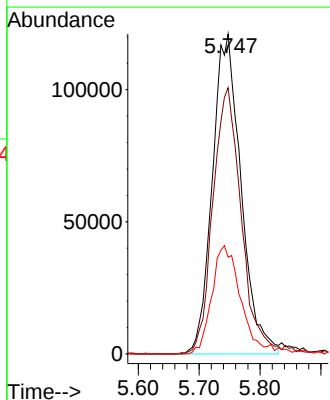
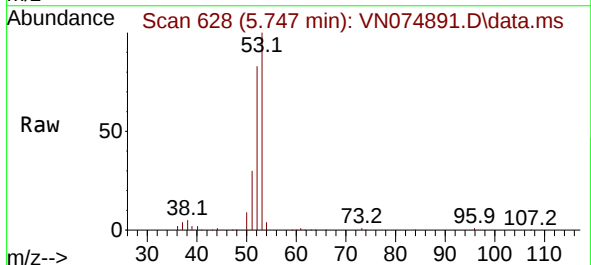
Manual Integrations
APPROVED

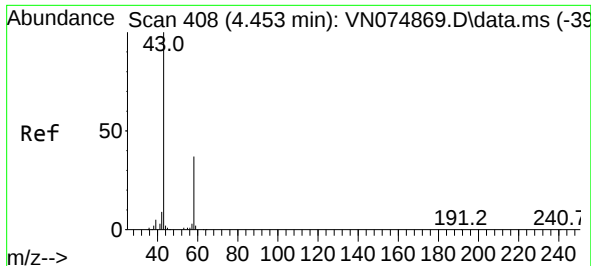
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 105.428 ug/l
RT: 5.747 min Scan# 628
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

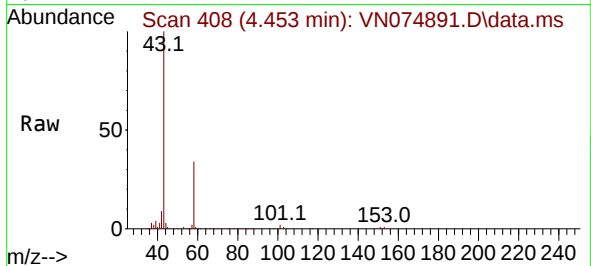
Tgt Ion: 53 Resp: 395937
Ion Ratio Lower Upper
53 100
52 81.9 40.8 122.4
51 33.3 17.0 51.0





#15
Acetone
Concen: 126.155 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

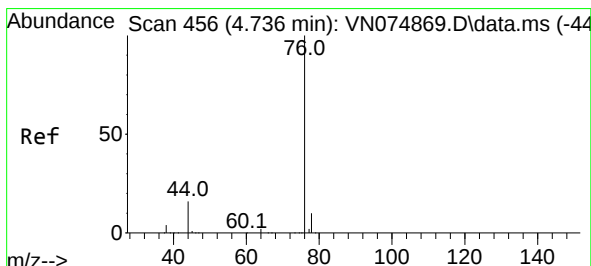
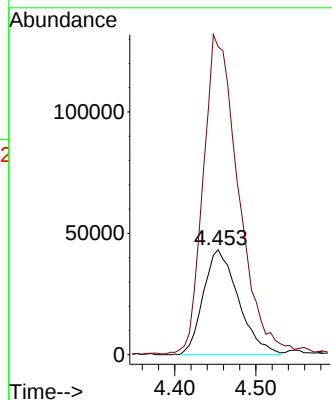
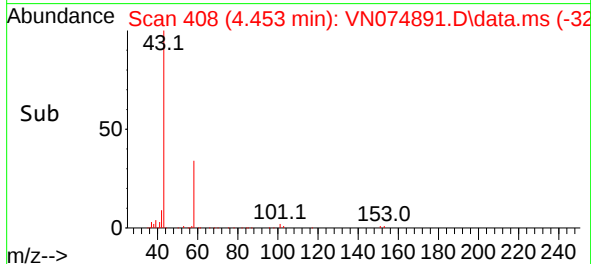
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



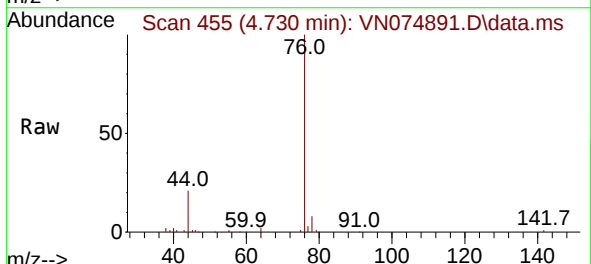
Tgt Ion: 58 Resp: 129849
Ion Ratio Lower Upper
58 100
43 288.8 232.2 348.4

Manual Integrations
APPROVED

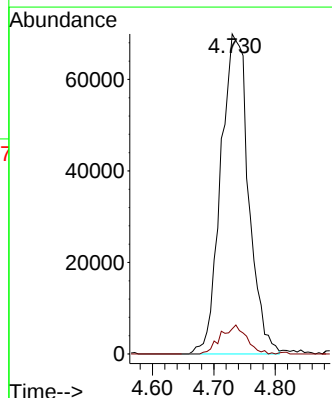
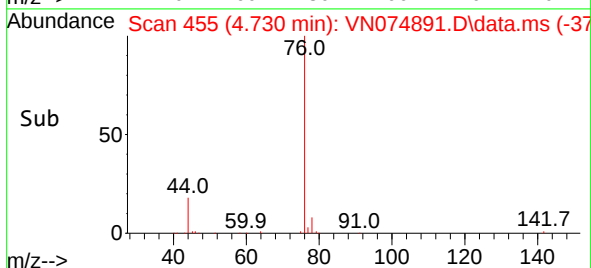
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

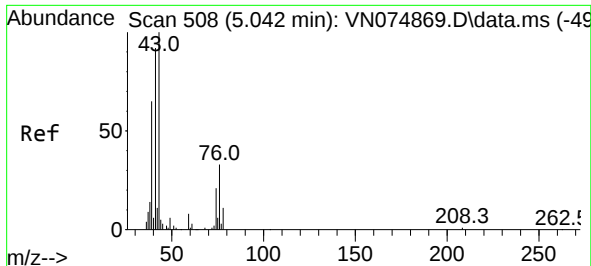


#16
Carbon Disulfide
Concen: 20.515 ug/l m
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



Tgt Ion: 76 Resp: 220180
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8





#17

Allyl chloride

Concen: 21.852 ug/l m

RT: 5.042 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

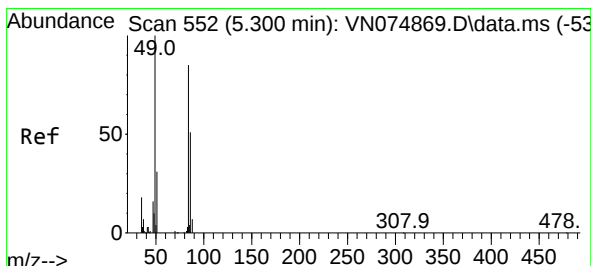
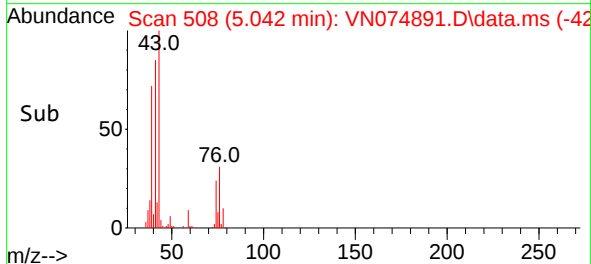
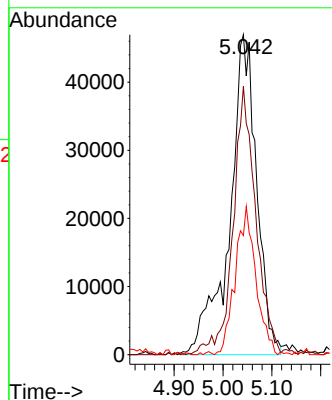
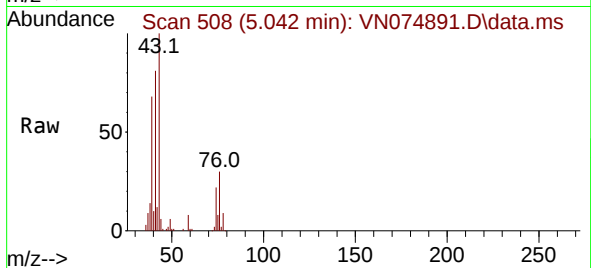
Tgt Ion:	41	Resp:	18175
Ion Ratio	Lower	Upper	
41	100		
39	83.9	39.1	117.5
76	37.3	19.8	59.4

Manual Integrations

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Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 21.436 ug/l

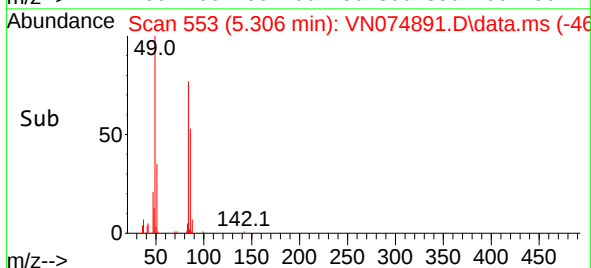
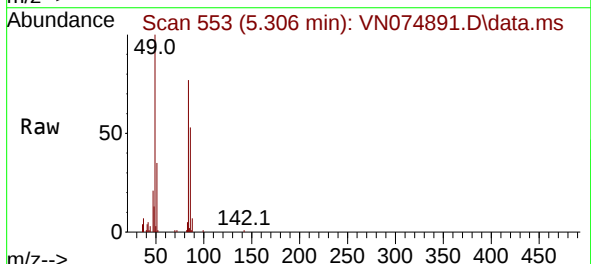
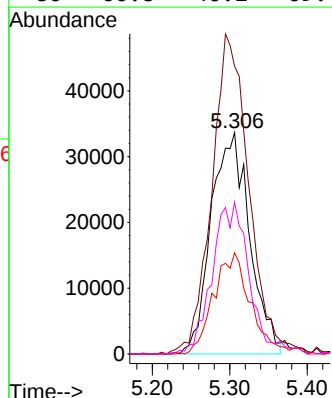
RT: 5.306 min Scan# 553

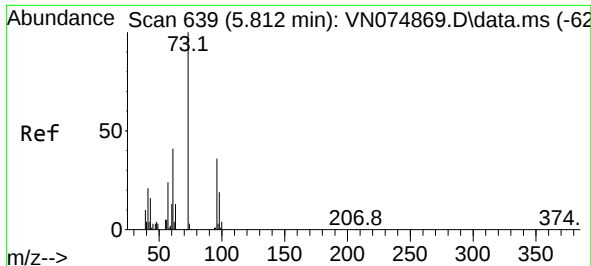
Delta R.T. 0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

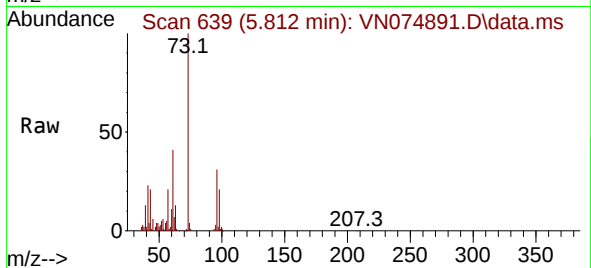
Tgt Ion:	84	Resp:	116123
Ion Ratio	Lower	Upper	
84	100		
49	126.5	99.6	149.4
51	45.1	28.2	42.2#
86	66.8	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 21.179 ug/l
RT: 5.812 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

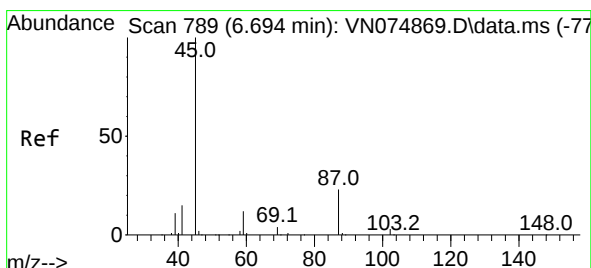
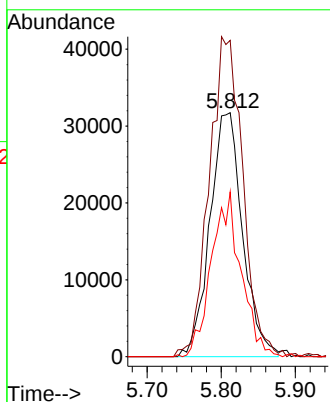
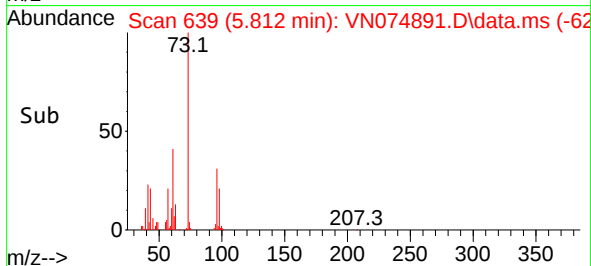
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 9712
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 66.8 50.0 75.0

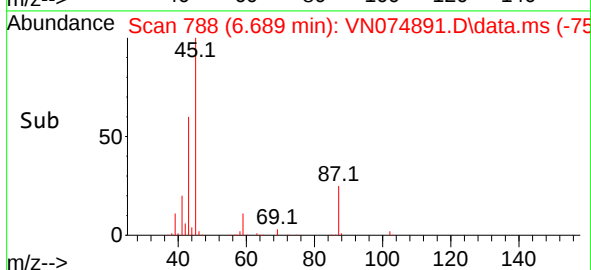
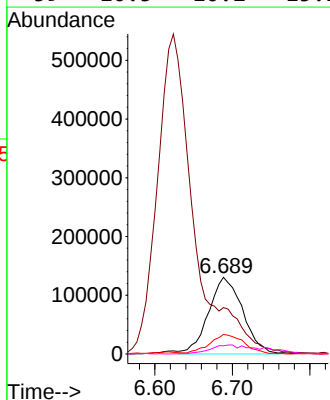
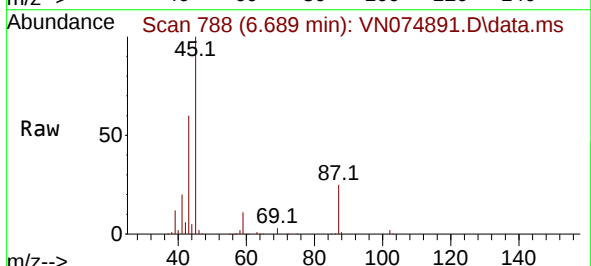
Manual Integrations
APPROVED

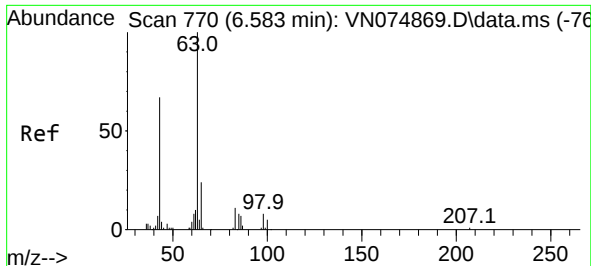
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 20.509 ug/l
RT: 6.689 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 45 Resp: 398220
Ion Ratio Lower Upper
45 100
43 56.2 47.3 70.9
87 25.2 21.8 32.8
59 10.5 10.2 15.2





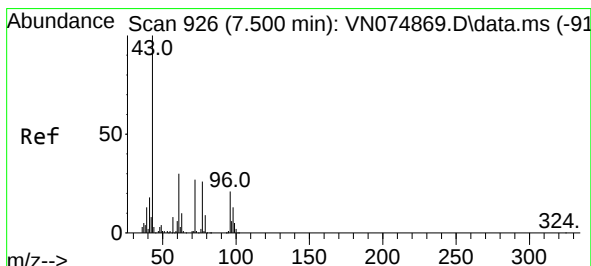
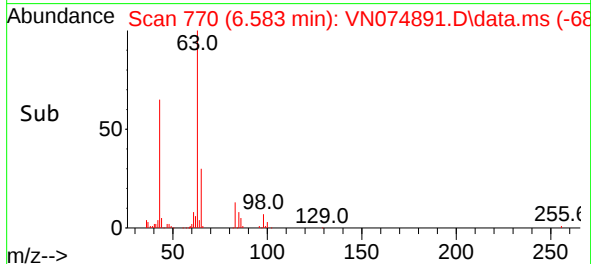
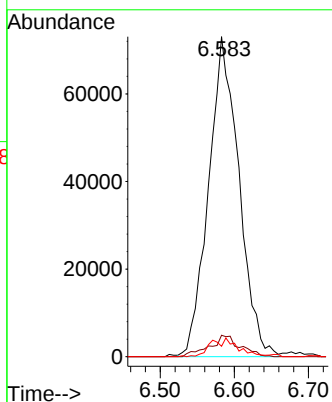
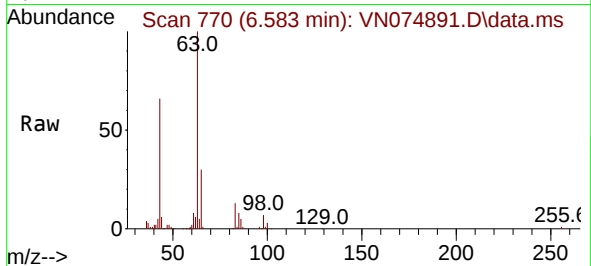
#21
1,1-Dichloroethane
Concen: 21.040 ug/l
RT: 6.583 min Scan# 710
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 207840
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 3.3 2.2 6.6

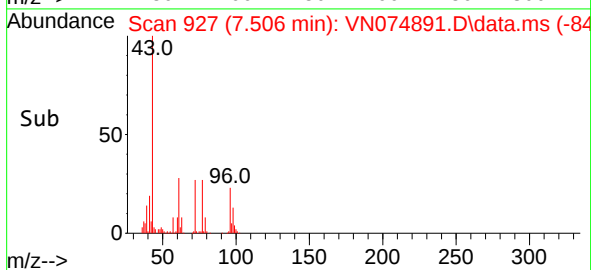
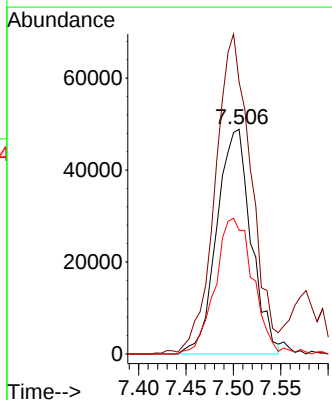
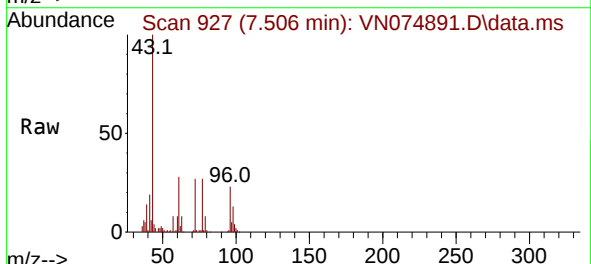
Manual Integrations
APPROVED

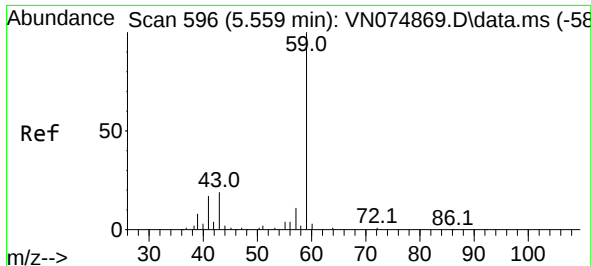
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 21.461 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 96 Resp: 123244
Ion Ratio Lower Upper
96 100
61 146.6 118.8 178.2
98 65.6 52.1 78.1





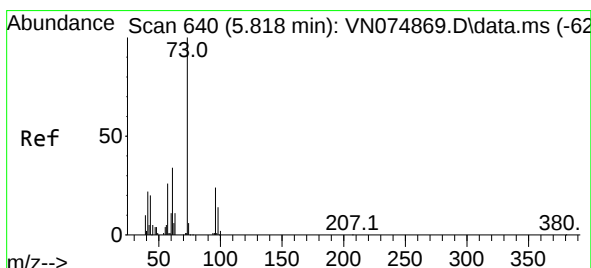
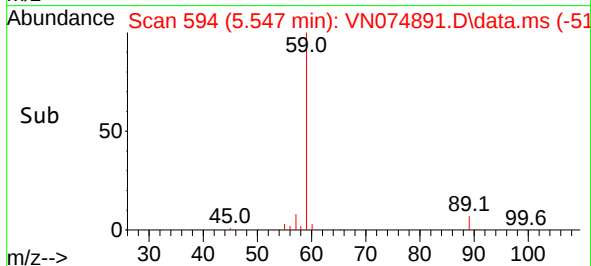
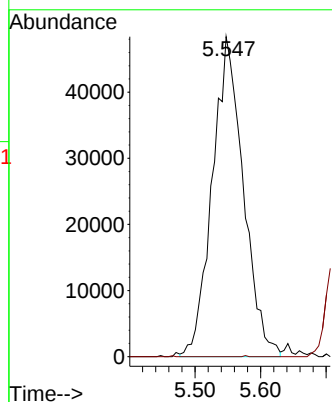
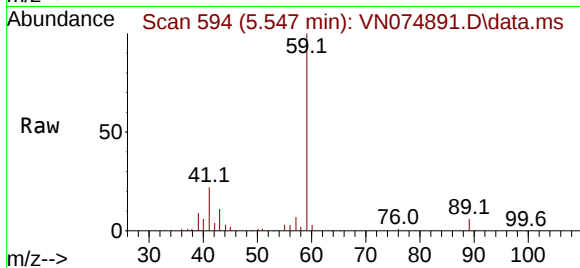
#23
tert-Butyl Alcohol
Concen: 100.538 ug/l
RT: 5.547 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 15909
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

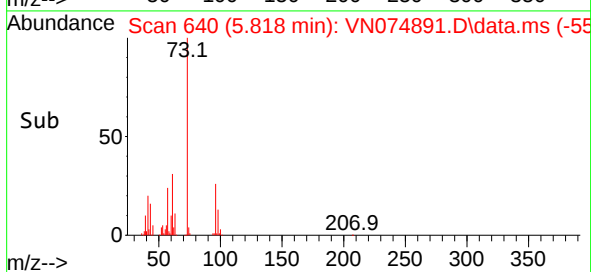
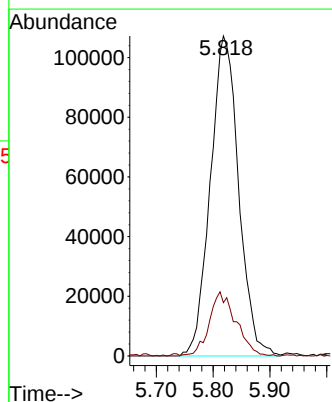
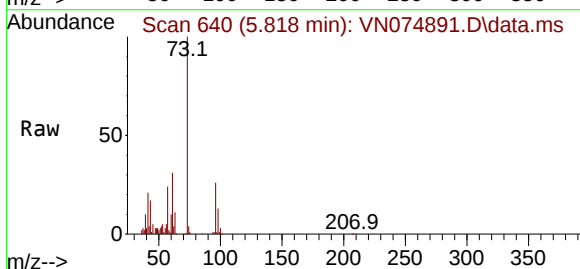
Manual Integrations
APPROVED

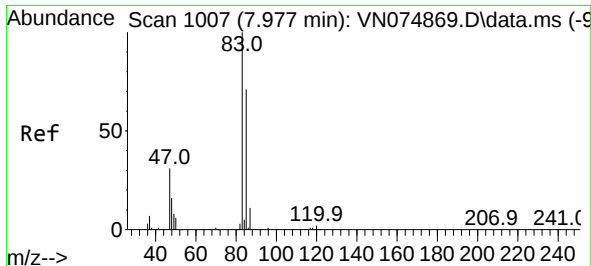
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 21.282 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 73 Resp: 371309
Ion Ratio Lower Upper
73 100
43 14.6 15.6 23.4





#25

Chloroform

Concen: 21.155 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 207518

Ion Ratio Lower Upper

83 100

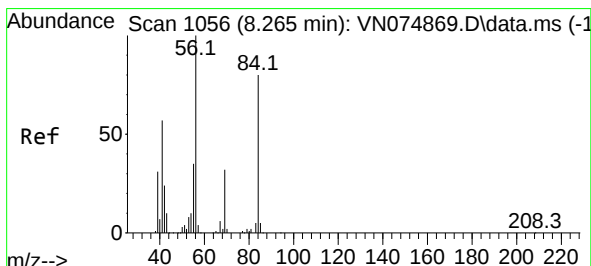
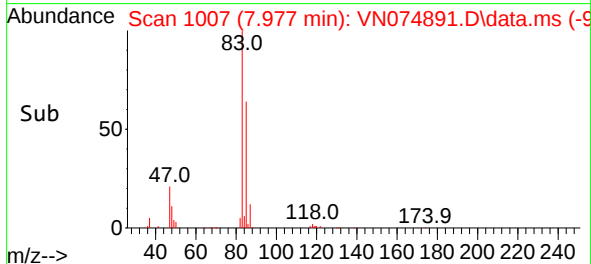
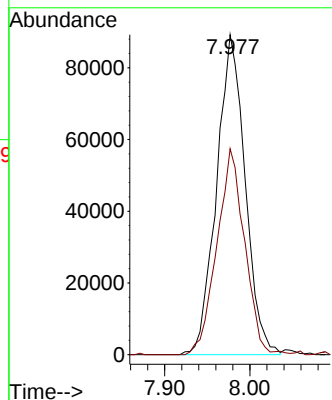
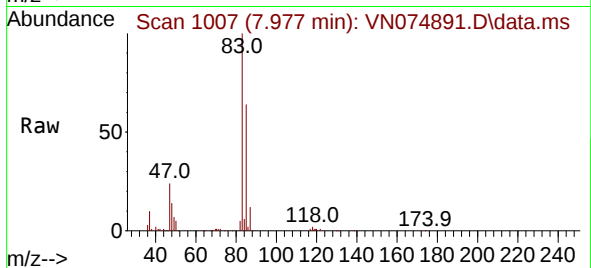
85 64.4 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#26

Cyclohexane

Concen: 22.391 ug/l

RT: 8.271 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

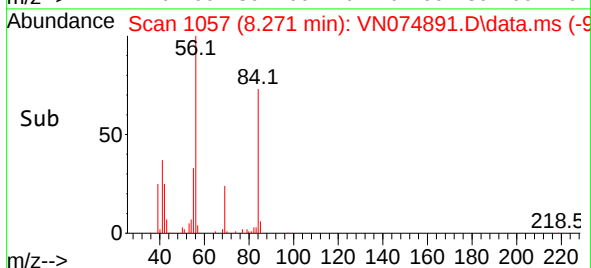
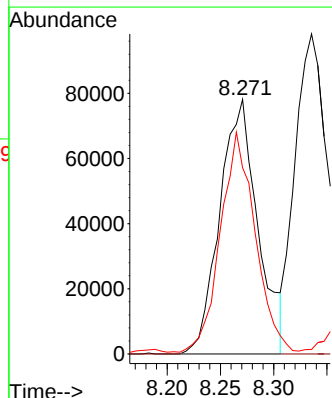
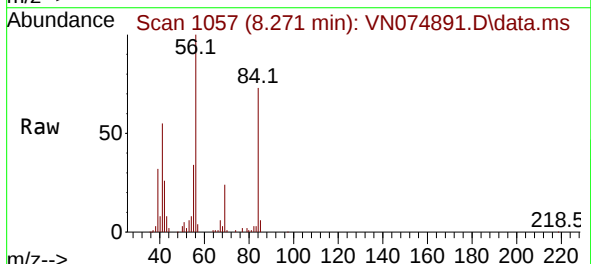
Tgt Ion: 56 Resp: 194288

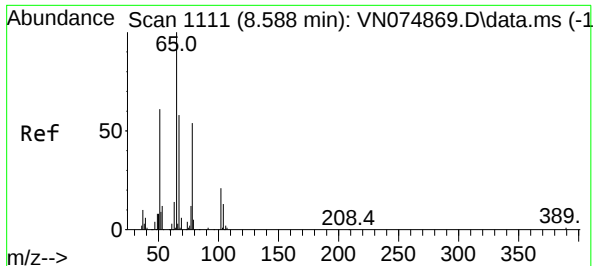
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 80.4 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 32.411 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 207714

Ion Ratio Lower Upper

65 100

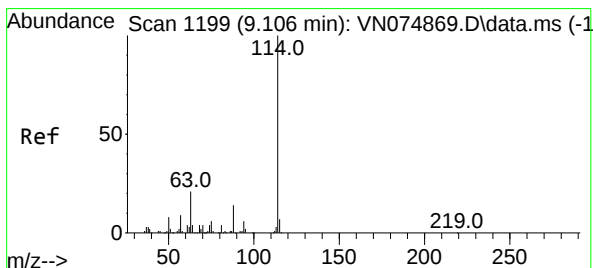
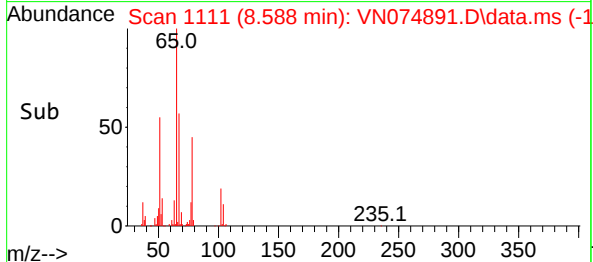
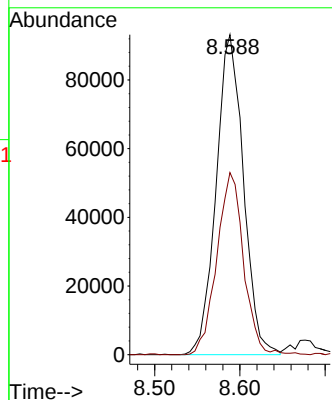
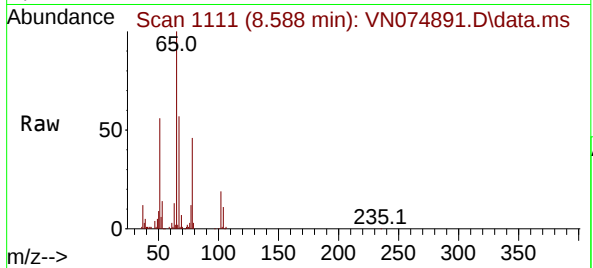
67 55.3 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

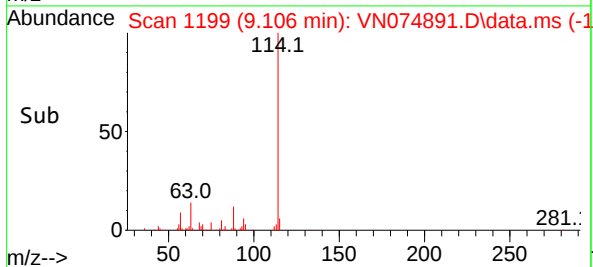
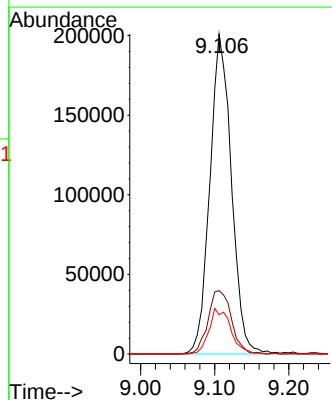
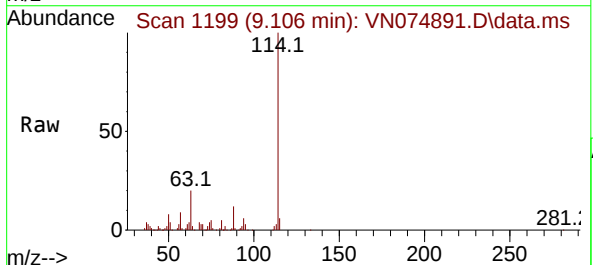
Tgt Ion:114 Resp: 406425

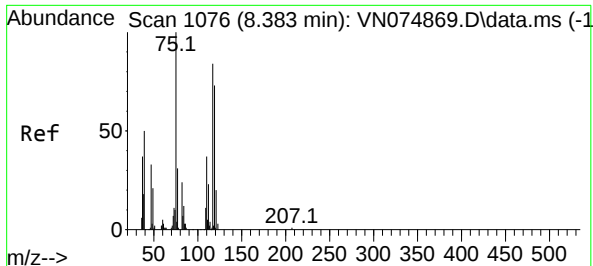
Ion Ratio Lower Upper

114 100

63 21.3 16.6 25.0

88 14.2 12.2 18.4





#29

1,1-Dichloropropene

Concen: 20.399 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 149590

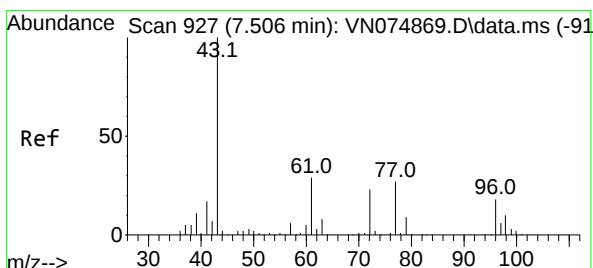
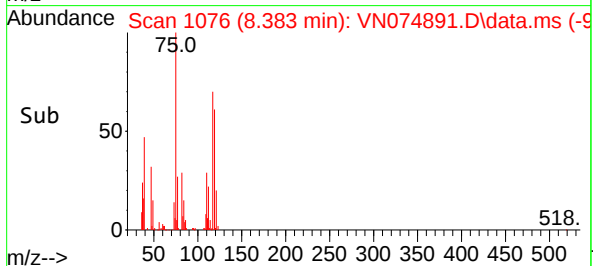
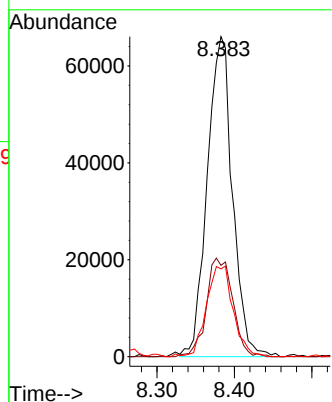
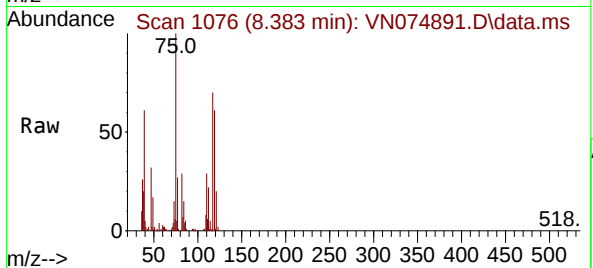
Ion	Ratio	Lower	Upper
75	100		
110	31.8	0.0	72.2
77	29.6	0.0	64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

2-Butanone

Concen: 103.619 ug/l

RT: 7.500 min Scan# 926

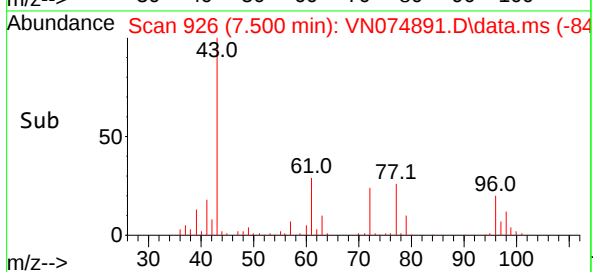
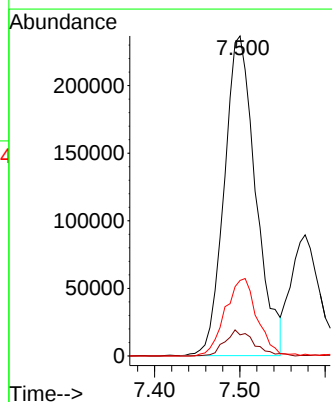
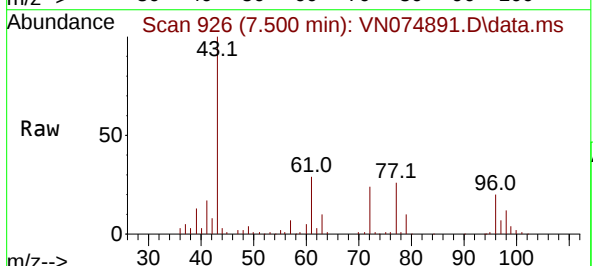
Delta R.T. -0.006 min

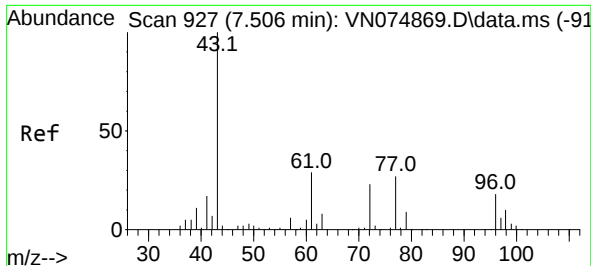
Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Tgt Ion: 43 Resp: 606277

Ion	Ratio	Lower	Upper
43	100		
57	4.2	6.3	9.5#
72	24.4	21.0	31.4





#31

2,2-Dichloropropane

Concen: 19.753 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 177314

Ion Ratio Lower Upper

77 100

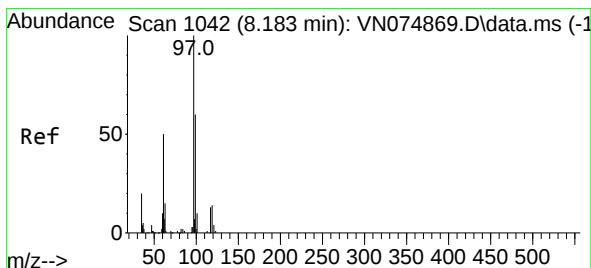
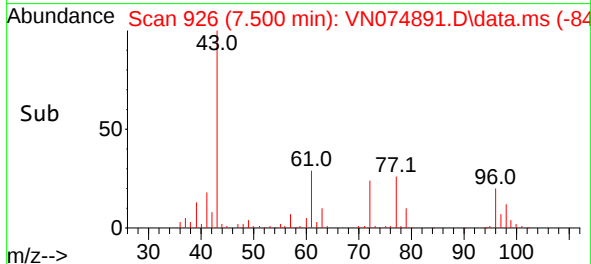
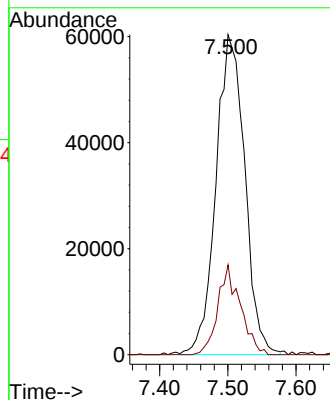
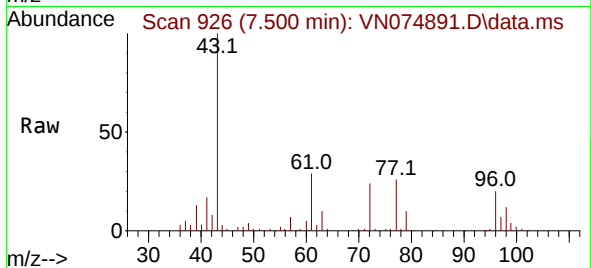
97 21.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 21.037 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

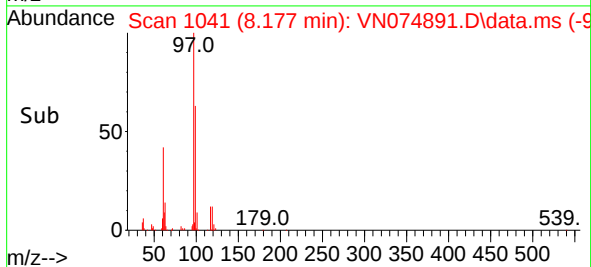
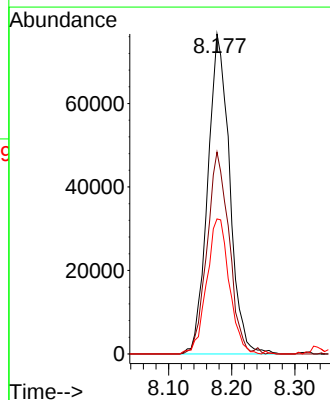
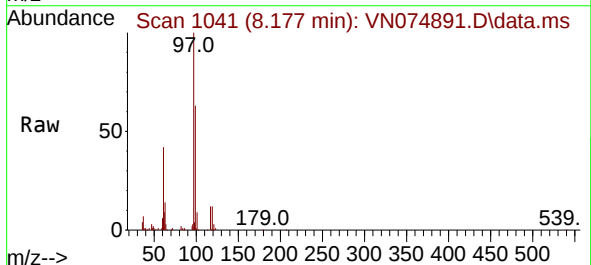
Tgt Ion: 97 Resp: 185005

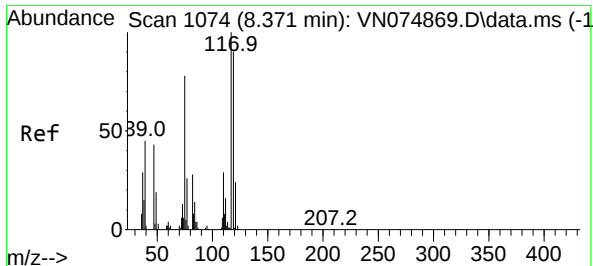
Ion Ratio Lower Upper

97 100

99 63.0 50.0 75.0

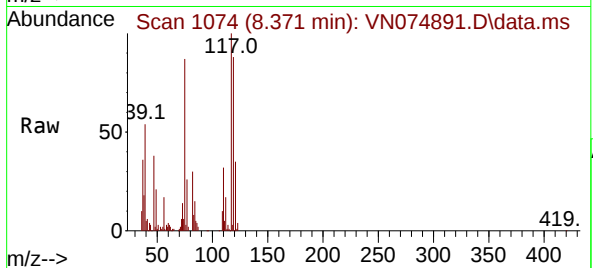
61 43.2 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.137 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

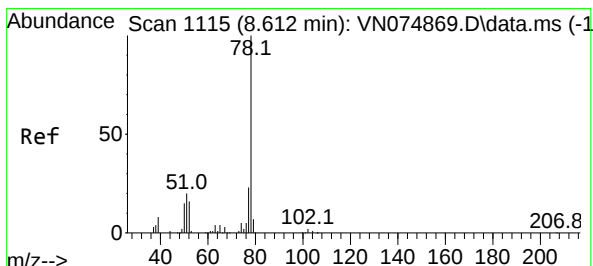
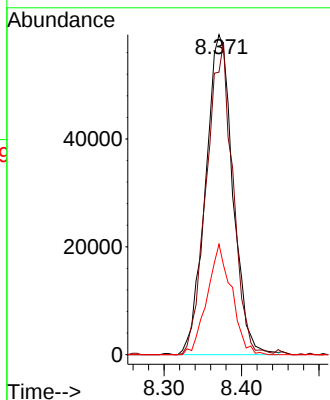
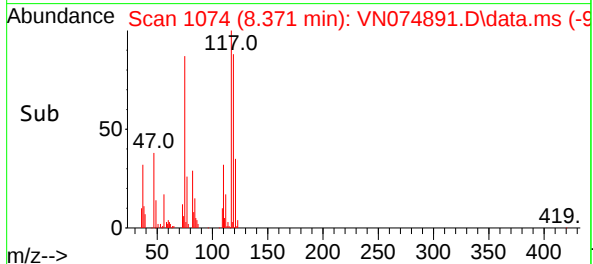
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



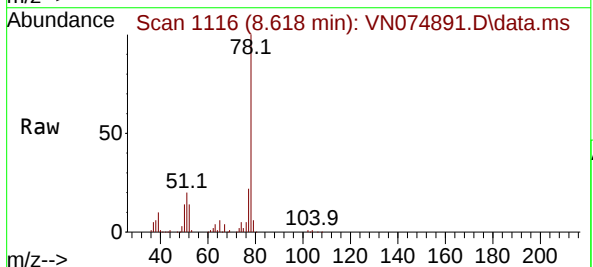
Tgt Ion: 117 Resp: 145432
Ion Ratio Lower Upper
117 100
119 88.3 77.8 116.6
121 34.5 27.6 41.4

Manual Integrations
APPROVED

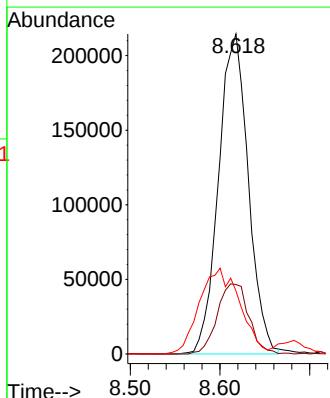
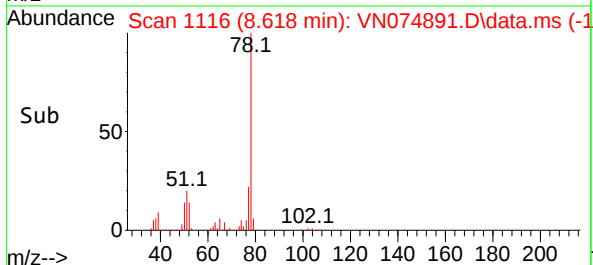
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

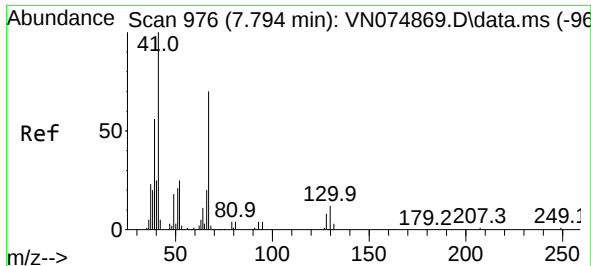


#34
Benzene
Concen: 20.373 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



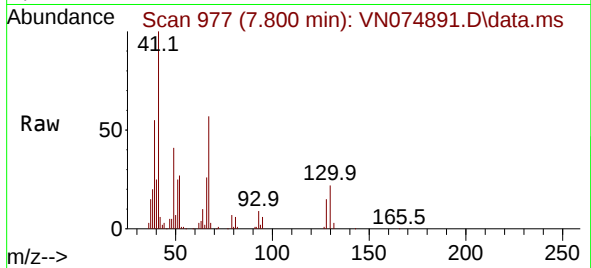
Tgt Ion: 78 Resp: 493838
Ion Ratio Lower Upper
78 100
77 21.7 19.9 29.9
51 18.5 21.1 31.7#





#35
Methacrylonitrile
Concen: 17.541 ug/l m
RT: 7.800 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

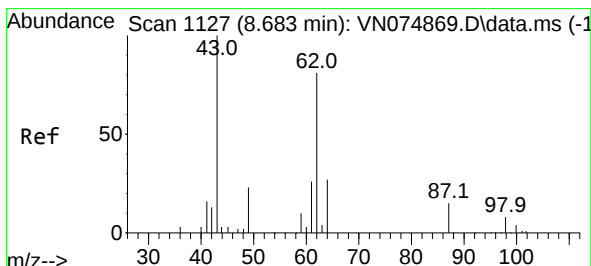
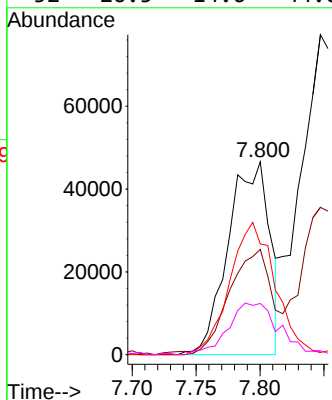
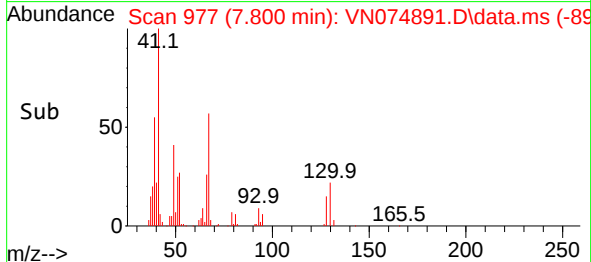
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 10548
Ion Ratio Lower Upper
41 100
39 54.6 27.7 83.1
67 57.4 38.0 113.9
52 26.5 14.6 44.0

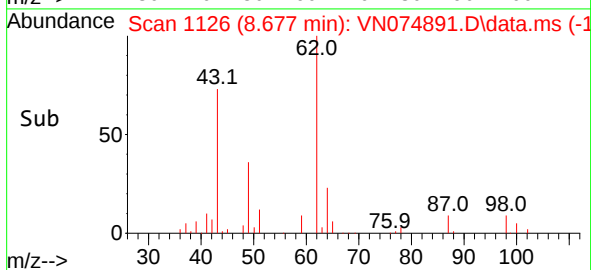
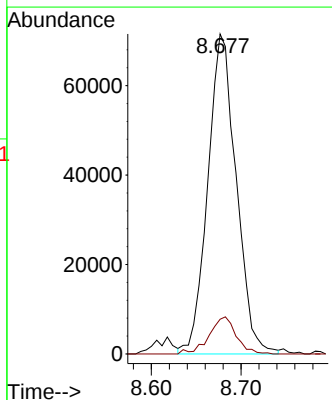
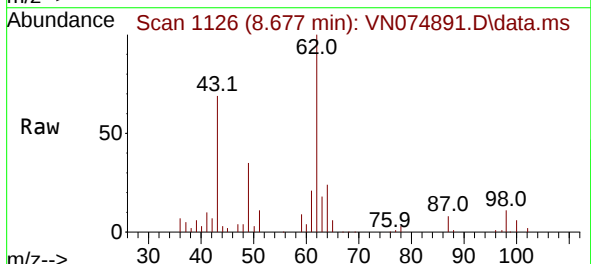
Manual Integrations
APPROVED

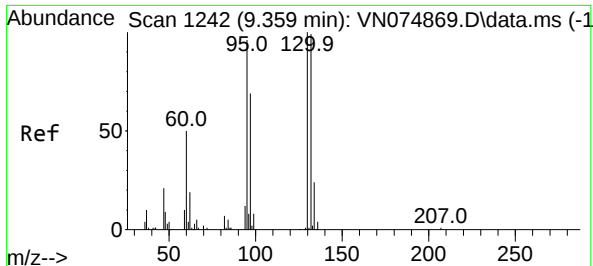
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 19.519 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 62 Resp: 157563
Ion Ratio Lower Upper
62 100
98 10.2 7.4 11.2





#37

Trichloroethene

Concen: 18.695 ug/l

RT: 9.365 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 94244

Ion Ratio Lower Upper

130 100

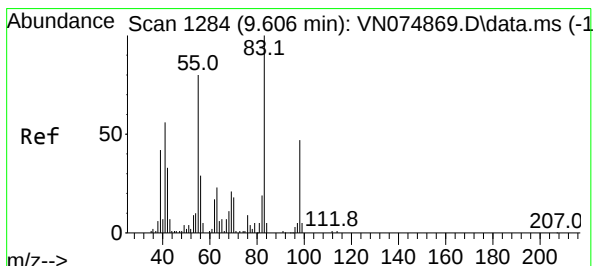
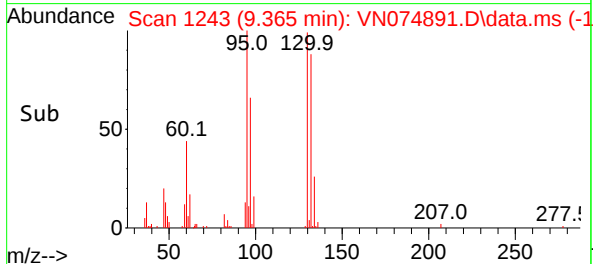
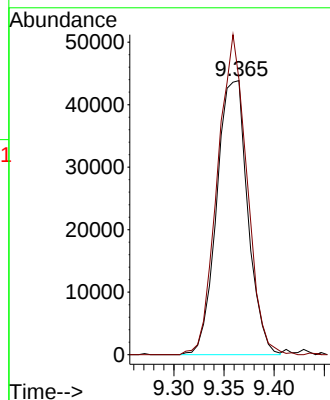
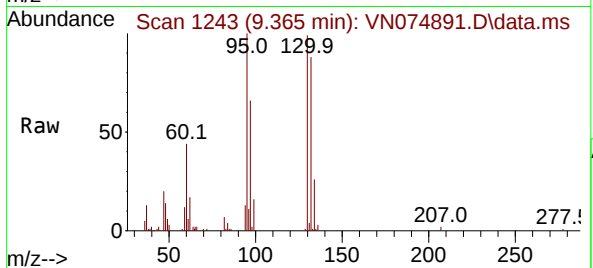
95 100.5 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 20.511 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

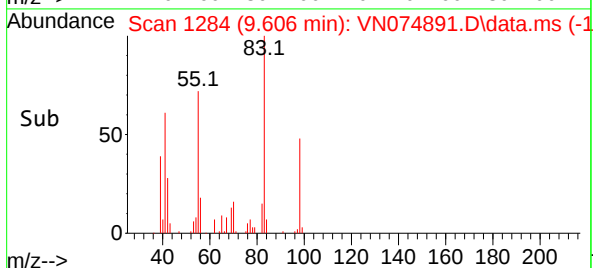
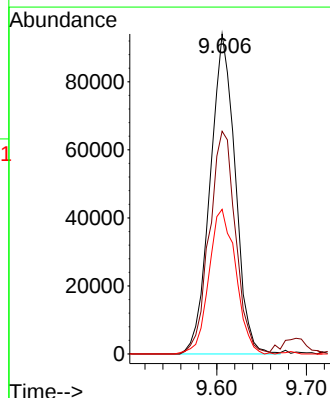
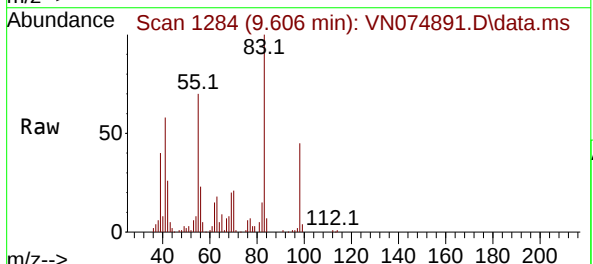
Tgt Ion: 83 Resp: 182728

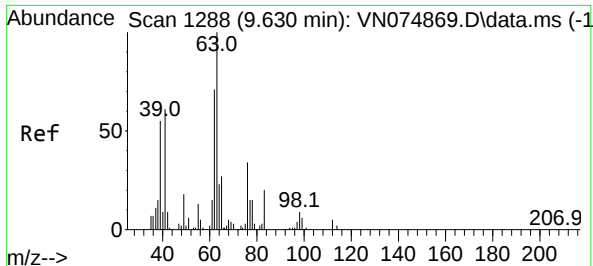
Ion Ratio Lower Upper

83 100

55 72.7 37.4 112.2

98 48.3 24.5 73.5





#39

1,2-Dichloropropane

Concen: 20.182 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074891.D

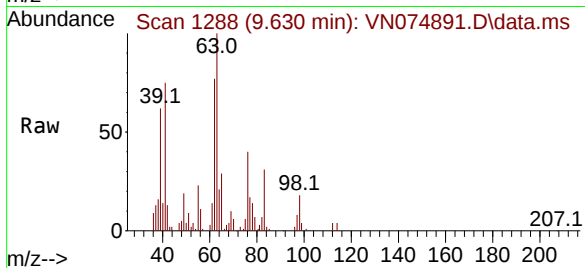
Acq: 13 Oct 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 63 Resp: 12682

Ion Ratio Lower Upper

63 100

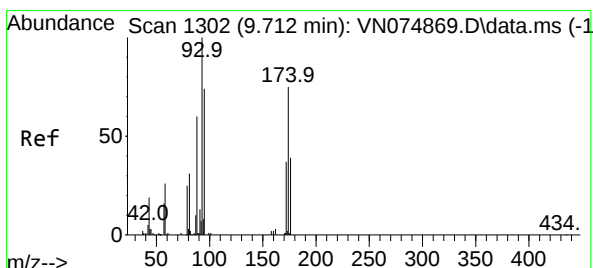
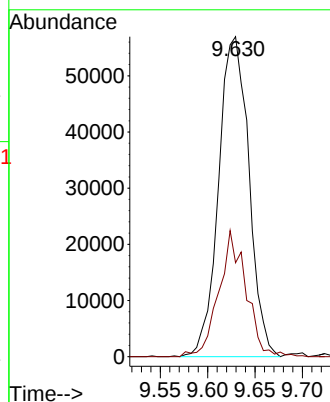
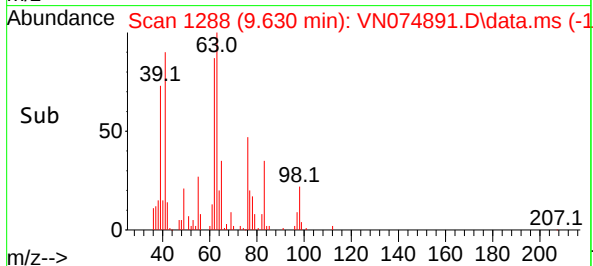
65 29.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 20.129 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074891.D

Acq: 13 Oct 2022 12:07

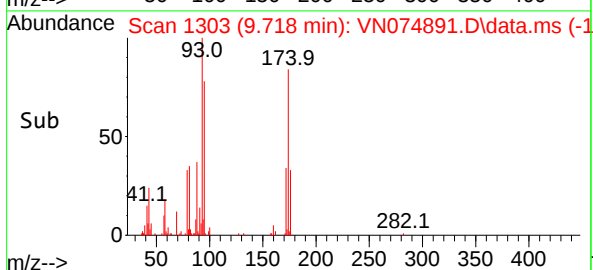
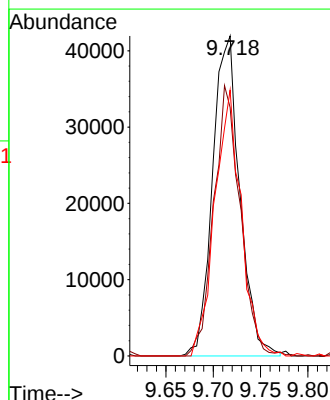
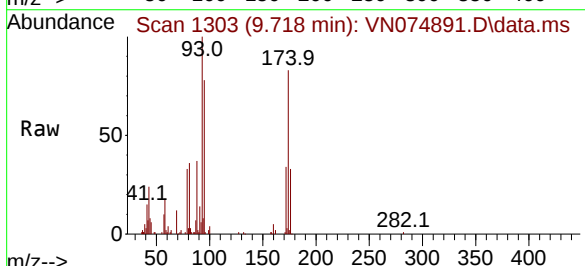
Tgt Ion: 93 Resp: 83818

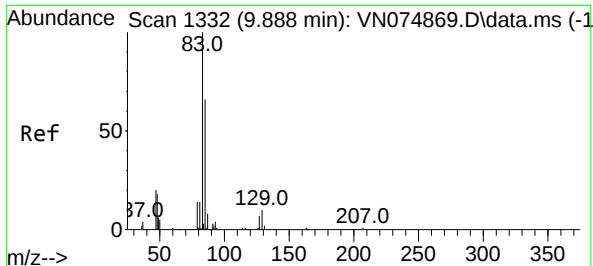
Ion Ratio Lower Upper

93 100

95 81.5 0.0 168.0

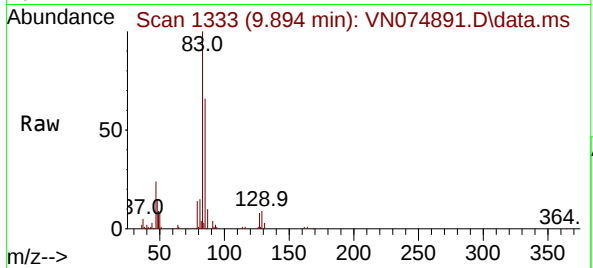
174 80.6 0.0 158.4





#41
Bromodichloromethane
Concen: 20.103 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

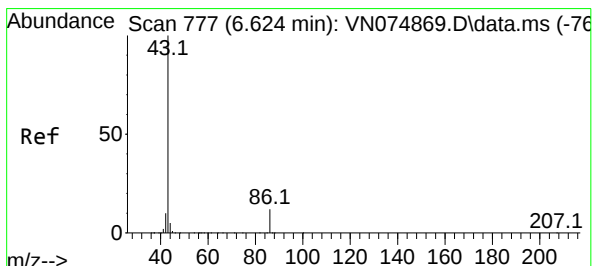
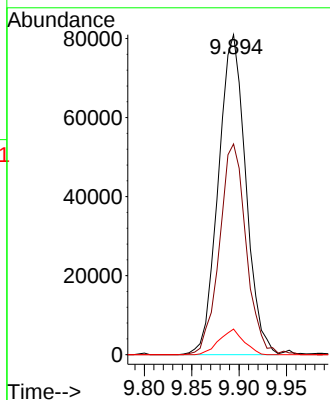
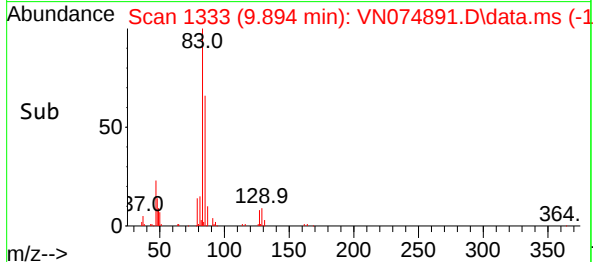
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



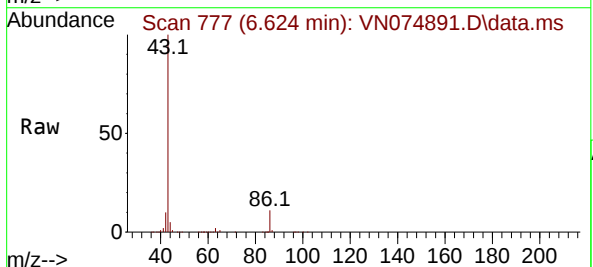
Tgt Ion: 83 Resp: 163024
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.0 5.1 7.7

Manual Integrations
APPROVED

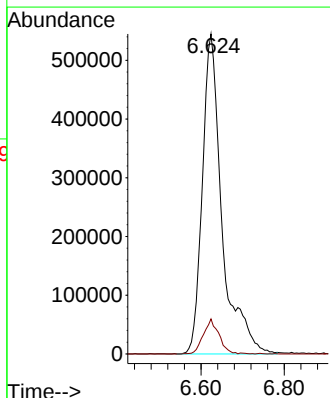
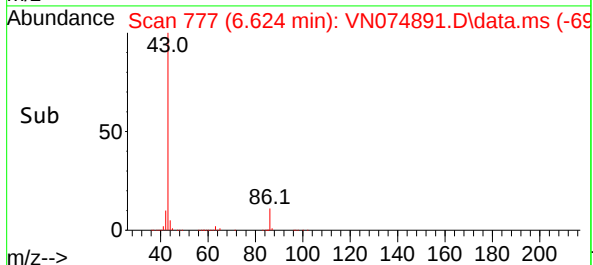
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

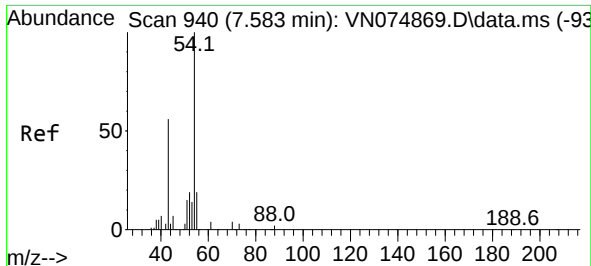


#42
Vinyl Acetate
Concen: 102.663 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



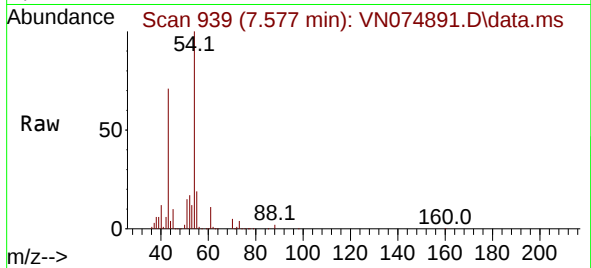
Tgt Ion: 43 Resp: 1789329
Ion Ratio Lower Upper
43 100
86 8.6 7.5 11.3





#43
Ethyl Acetate
Concen: 18.796 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

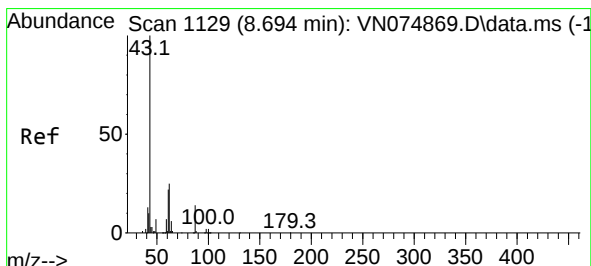
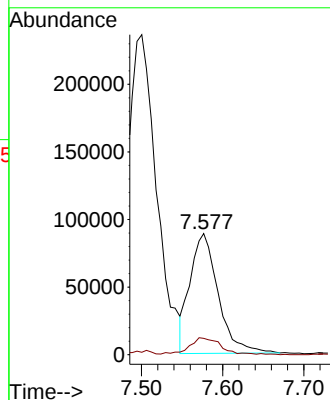
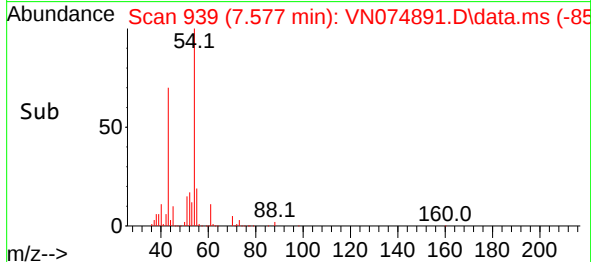
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 21382
Ion Ratio Lower Upper
43 100
45 15.1 11.5 17.3

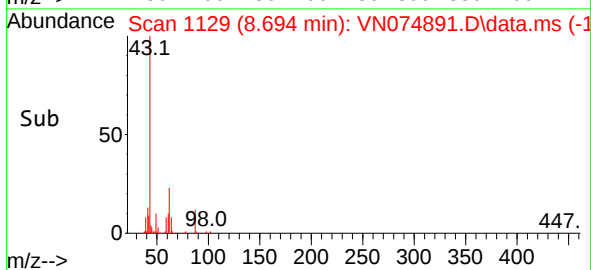
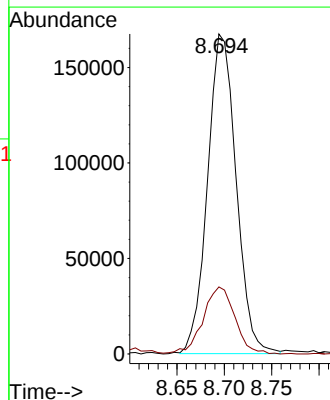
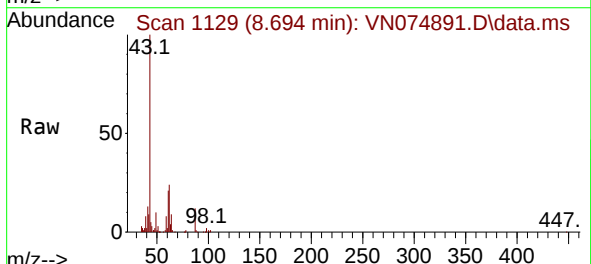
Manual Integrations
APPROVED

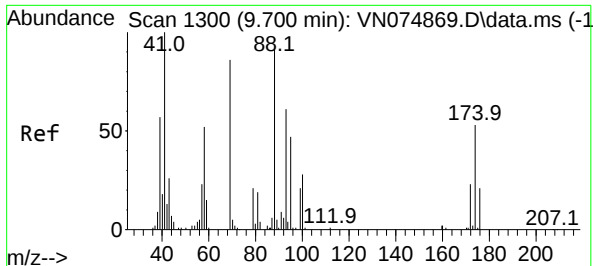
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 19.999 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

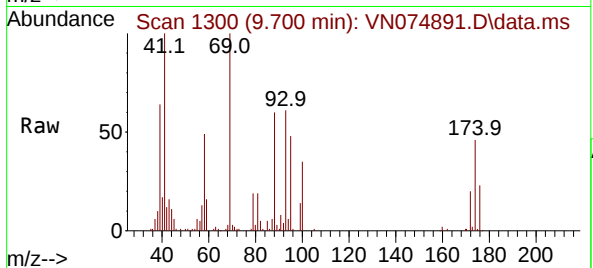
Tgt Ion: 43 Resp: 351823
Ion Ratio Lower Upper
43 100
61 23.3 19.5 29.3





#45
1,4-Dioxane
Concen: 352.864 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

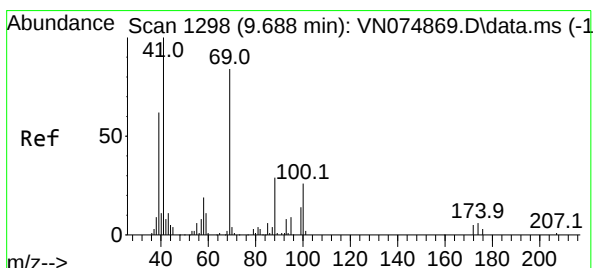
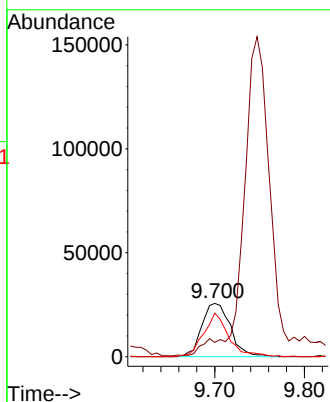
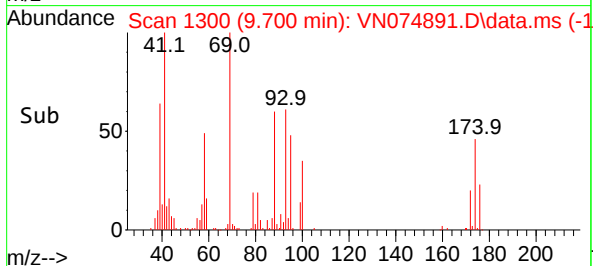
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



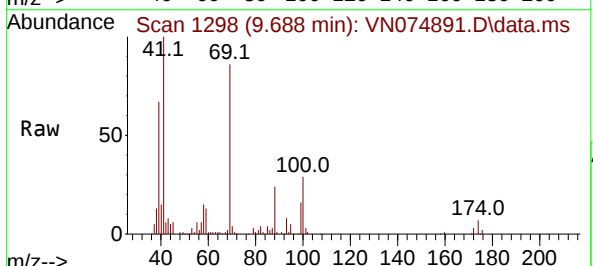
Tgt Ion: 88 Resp: 5692
Ion Ratio Lower Upper
88 100
43 15.8 25.7 38.5
58 71.3 53.4 80.2

Manual Integrations
APPROVED

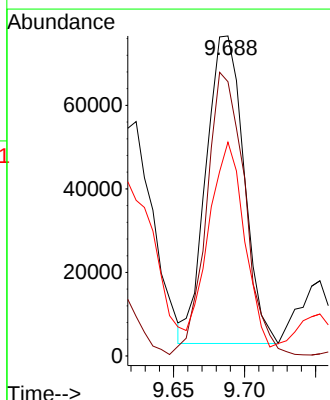
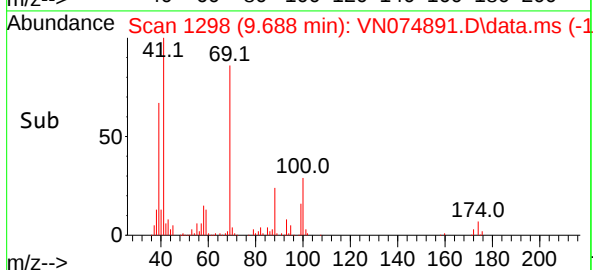
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

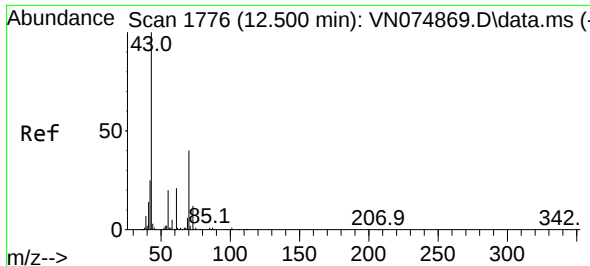


#46
Methyl methacrylate
Concen: 17.914 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



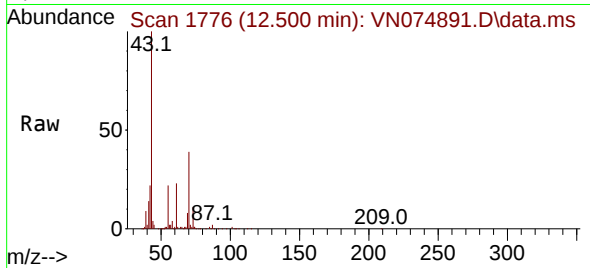
Tgt Ion: 41 Resp: 136487
Ion Ratio Lower Upper
41 100
69 86.7 45.6 136.7
39 65.4 32.3 96.9





#47
n-amy1 Acetate
Concen: 18.560 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

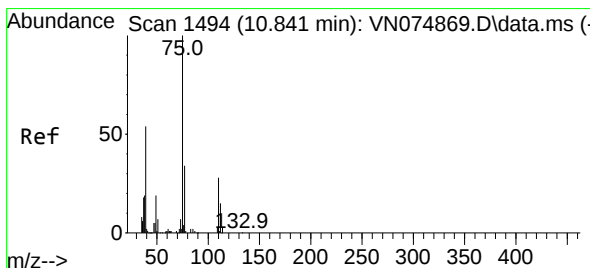
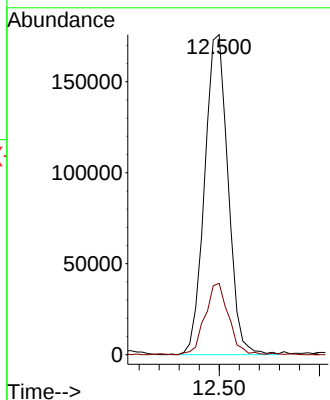
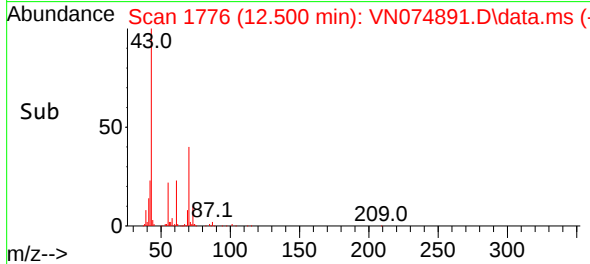
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



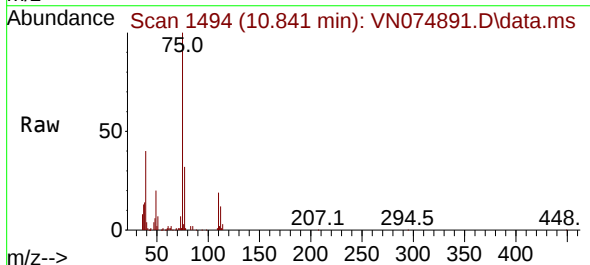
Tgt Ion: 43 Resp: 28567
Ion Ratio Lower Upper
43 100
55 22.2 16.8 25.2

Manual Integrations
APPROVED

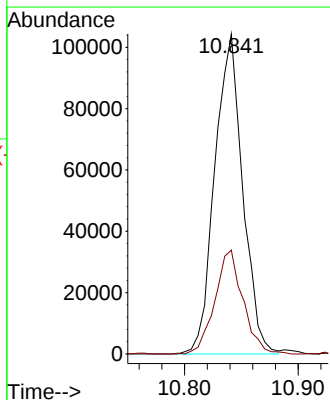
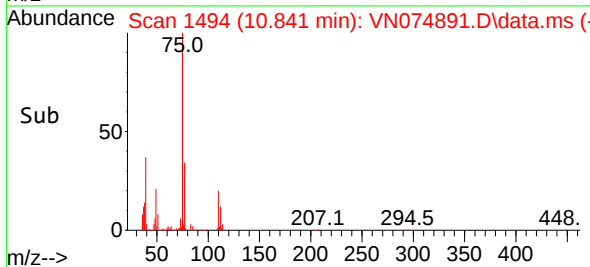
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

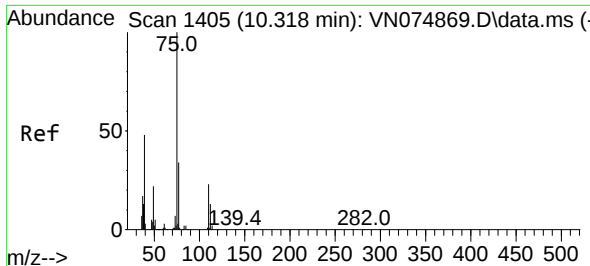


#48
t-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



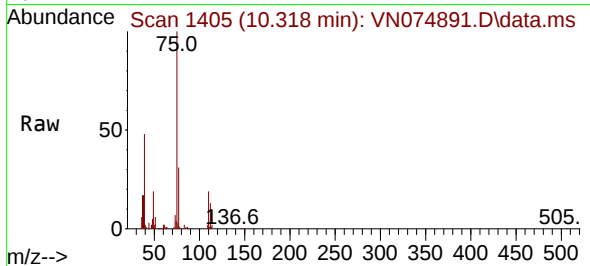
Tgt Ion: 75 Resp: 178219
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 19.829 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

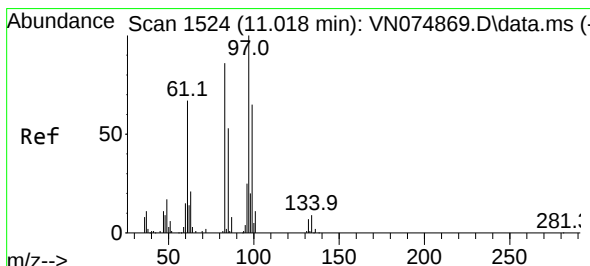
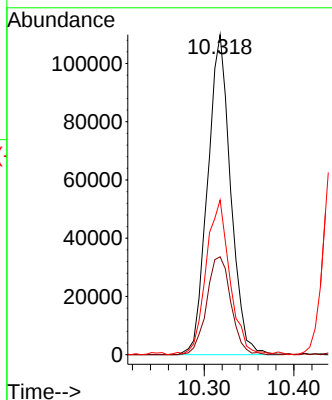
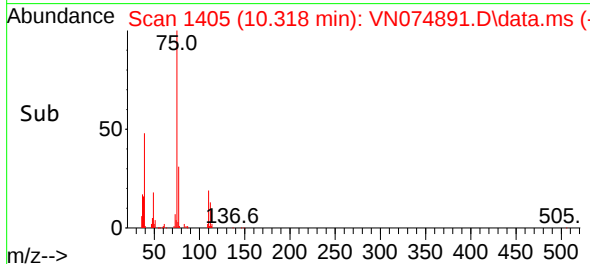
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 195640
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.5 33.7
 39 47.6 37.6 56.4

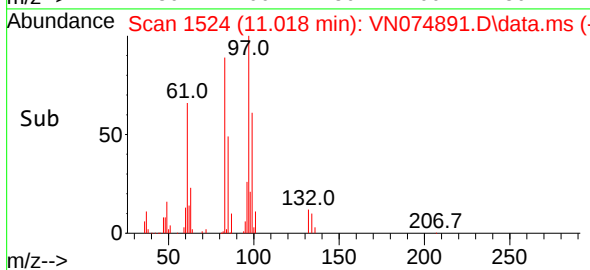
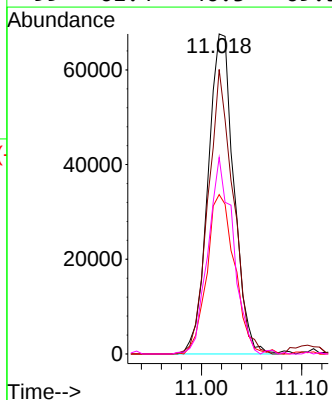
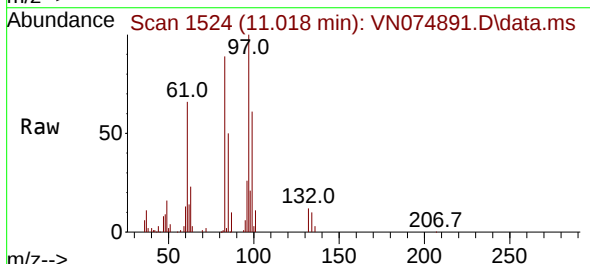
Manual Integrations
 APPROVED

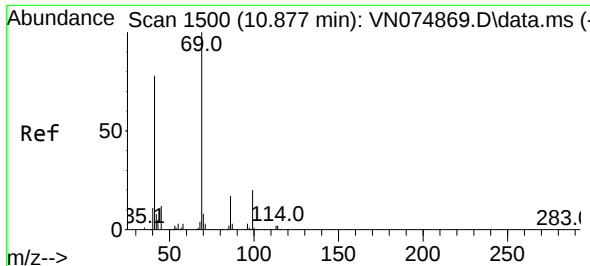
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.822 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

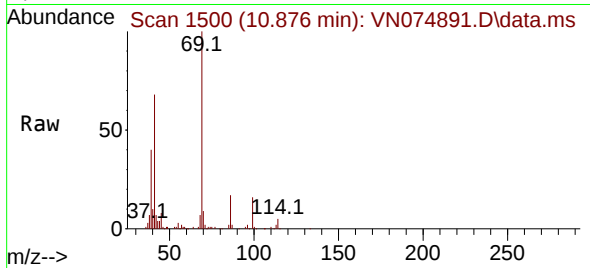
Tgt Ion: 97 Resp: 121463
 Ion Ratio Lower Upper
 97 100
 83 88.9 69.2 103.8
 85 49.5 41.4 62.2
 99 61.4 46.3 69.5





#51
Ethyl methacrylate
Concen: 19.207 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

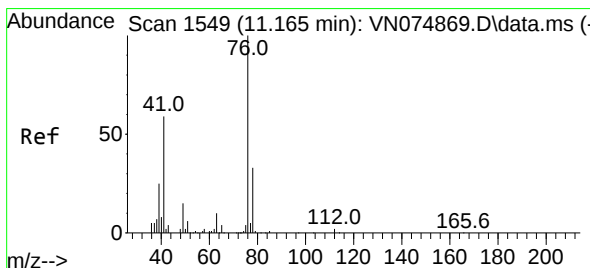
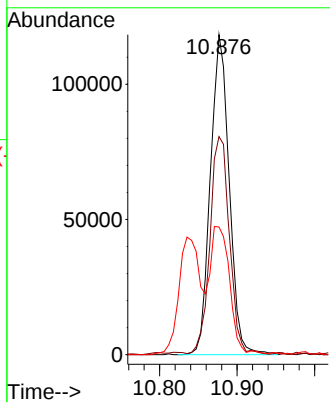
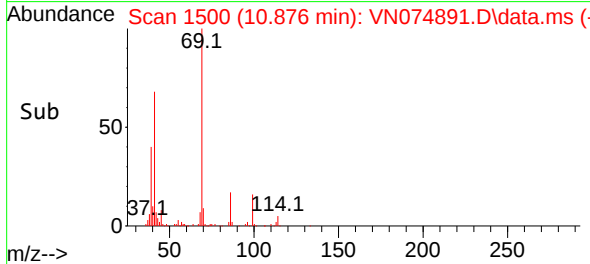
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 200133
Ion Ratio Lower Upper
69 100
41 67.5 32.5 97.5
39 39.5 21.5 64.5

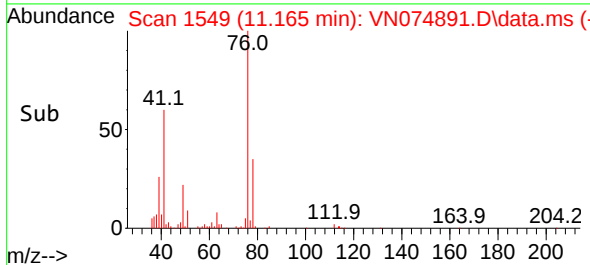
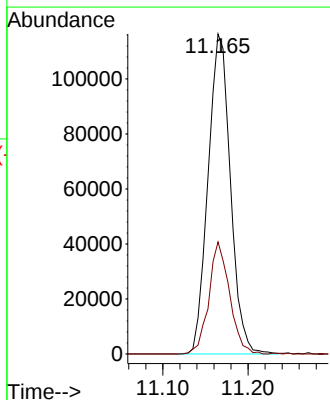
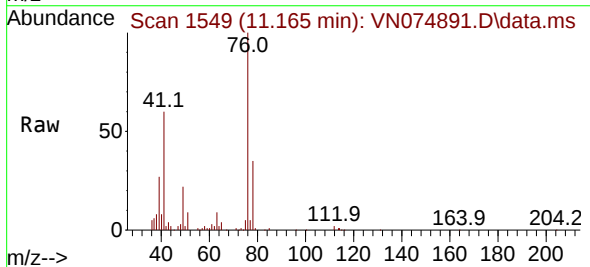
Manual Integrations
APPROVED

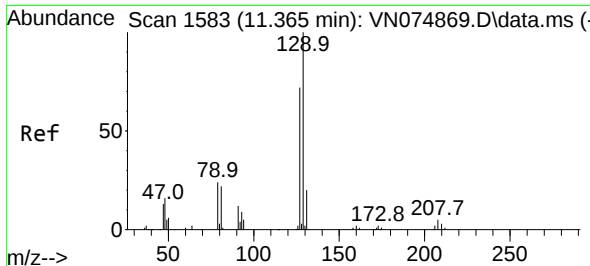
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 20.104 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

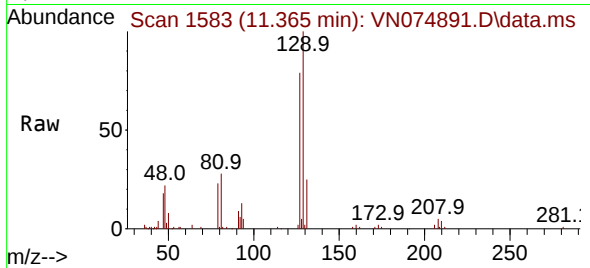
Tgt Ion: 76 Resp: 212632
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.8





#53
Dibromochloromethane
Concen: 18.394 ug/l
RT: 11.365 min Scan# 110430
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

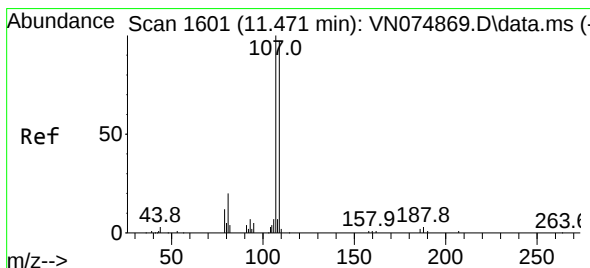
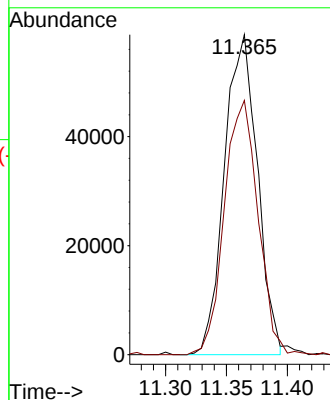
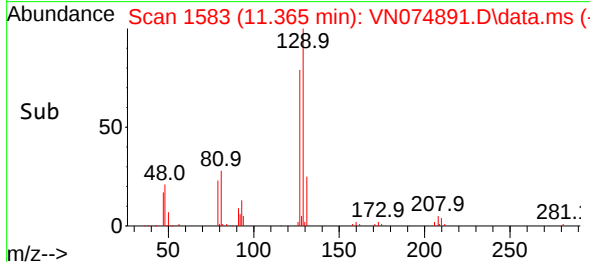
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



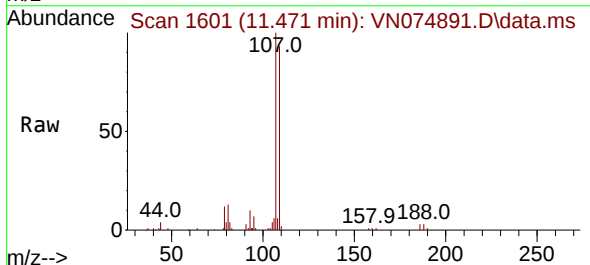
Tgt Ion:129 Resp: 110430
Ion Ratio Lower Upper
129 100
127 80.9 40.6 121.7

Manual Integrations
APPROVED

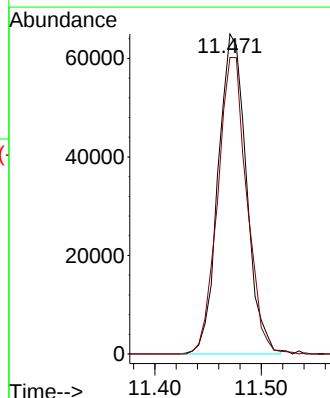
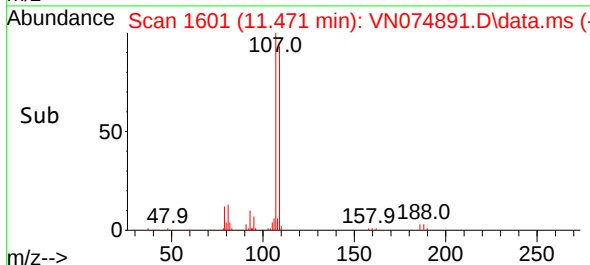
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

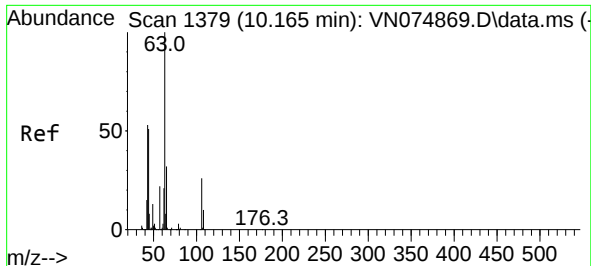


#54
1,2-Dibromoethane
Concen: 20.289 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



Tgt Ion:107 Resp: 119446
Ion Ratio Lower Upper
107 100
109 95.6 76.2 114.2





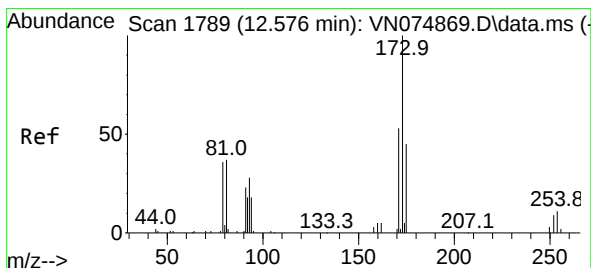
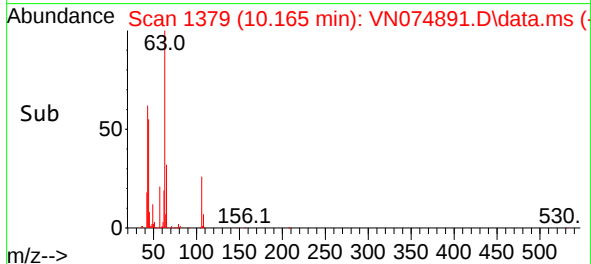
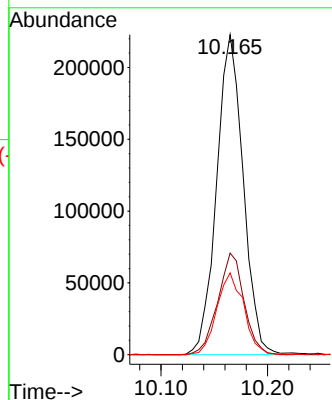
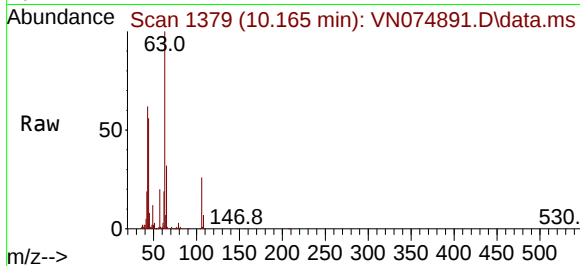
#55
2-Chloroethyl vinyl ether
Concen: 94.662 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 385829
Ion Ratio Lower Upper
63 100
65 31.4 24.6 36.8
106 25.8 21.3 31.9

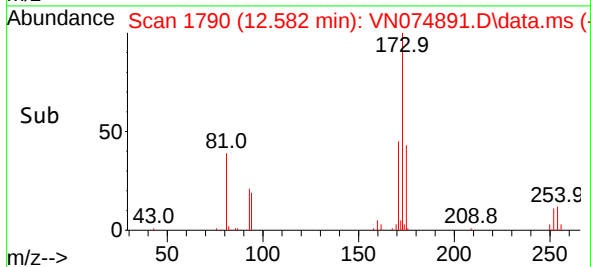
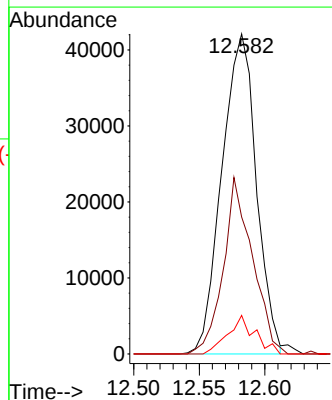
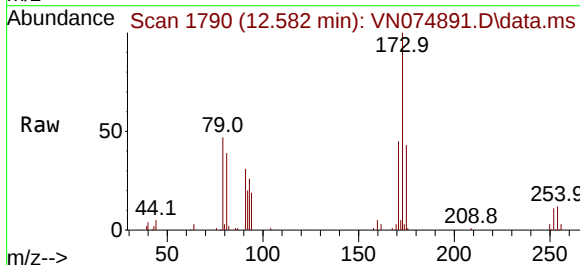
Manual Integrations
APPROVED

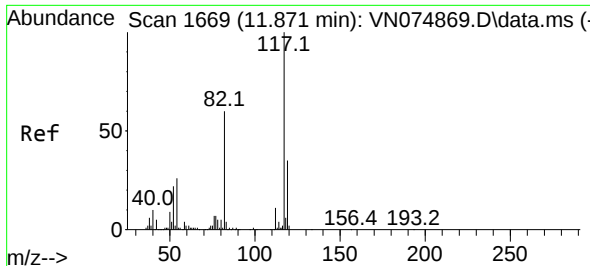
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 17.785 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

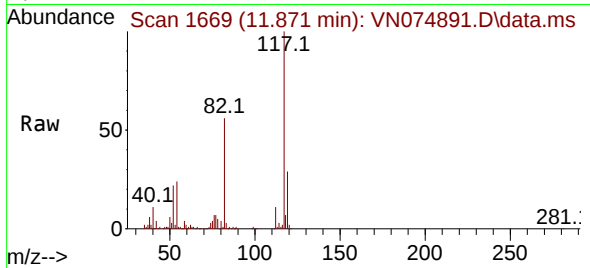
Tgt Ion:173 Resp: 76943
Ion Ratio Lower Upper
173 100
175 46.6 39.1 58.7
254 9.4 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

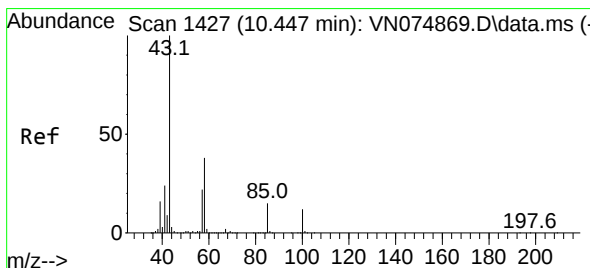
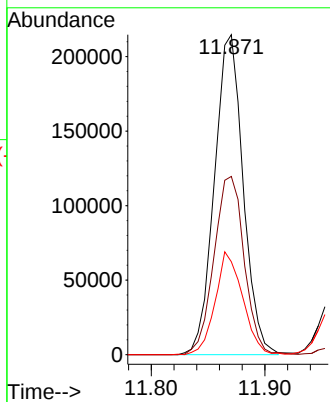
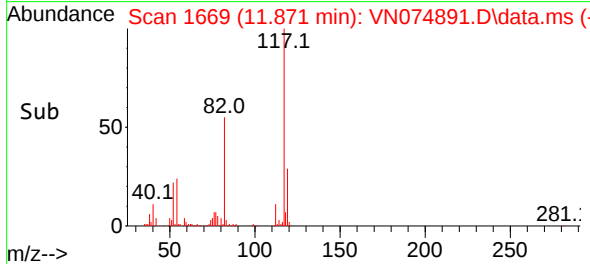
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



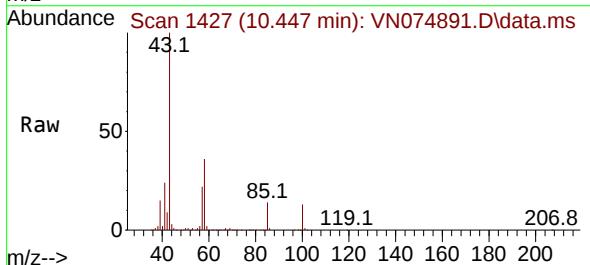
Tgt Ion:117 Resp: 377585
Ion Ratio Lower Upper
117 100
82 58.6 44.6 67.0
119 30.7 25.6 38.4

Manual Integrations
APPROVED

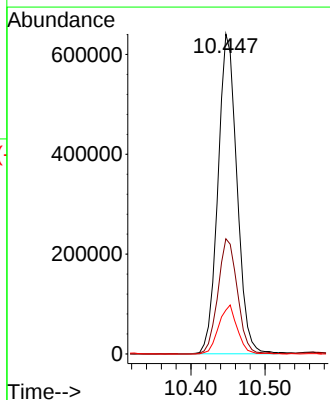
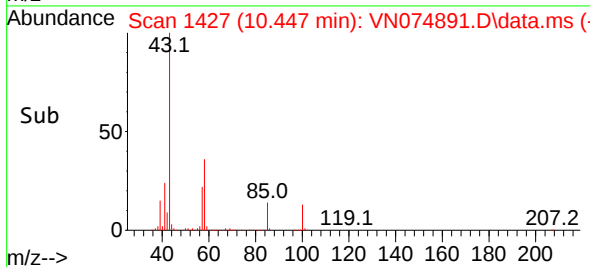
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

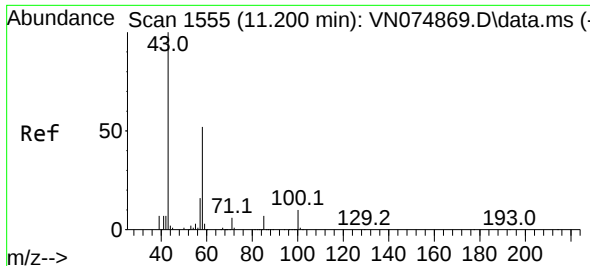


#58
4-Methyl-2-Pentanone
Concen: 97.201 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



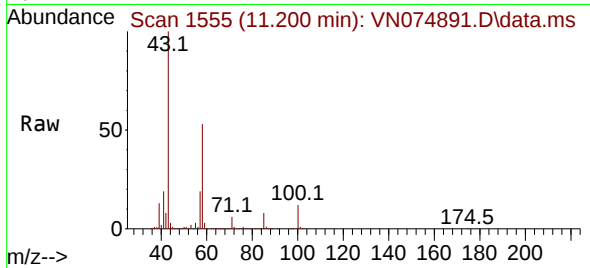
Tgt Ion: 43 Resp: 1141426
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2
85 14.8 13.3 19.9





#59
2-Hexanone
Concen: 95.374 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

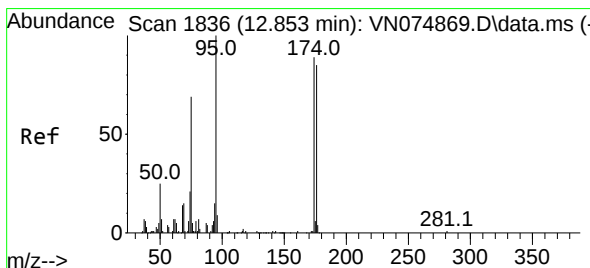
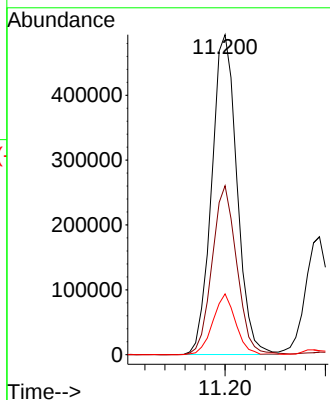
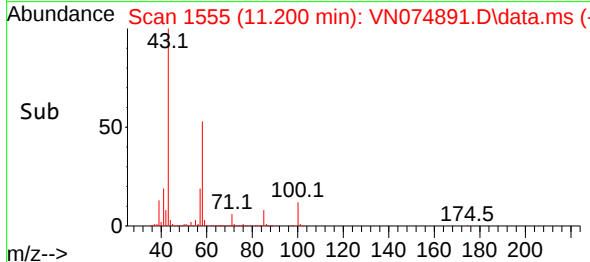
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 861930
Ion Ratio Lower Upper
43 100
58 51.6 43.6 65.4
57 17.1 14.3 21.5

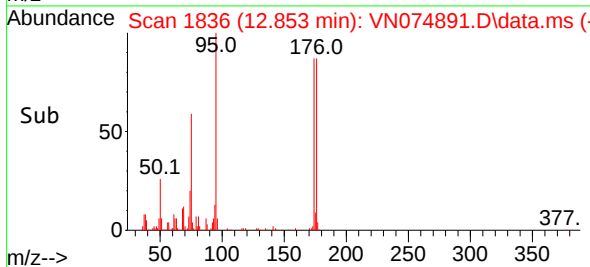
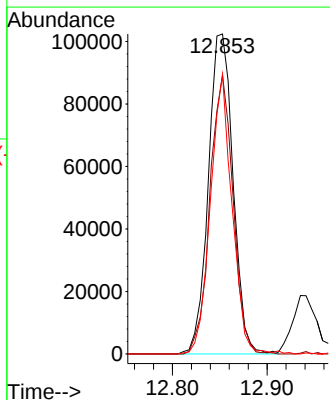
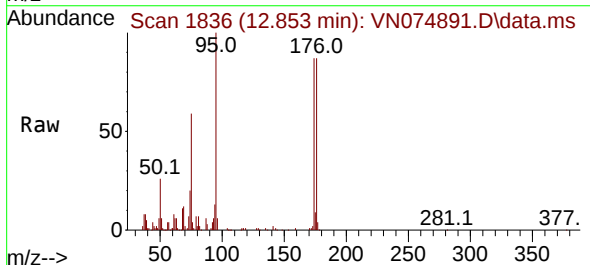
Manual Integrations
APPROVED

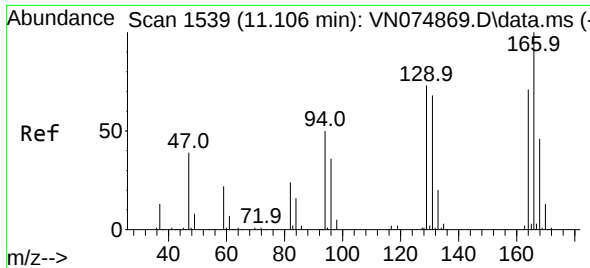
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
4-Bromofluorobenzene
Concen: 27.762 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

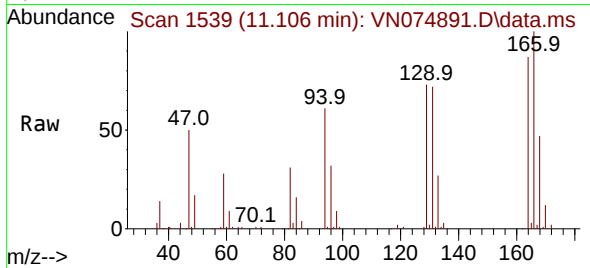
Tgt Ion: 95 Resp: 185893
Ion Ratio Lower Upper
95 100
174 81.2 57.8 86.8
176 75.7 57.0 85.4





#61
Tetrachloroethene
Concen: 20.164 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

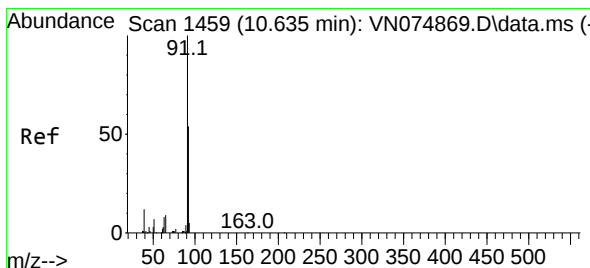
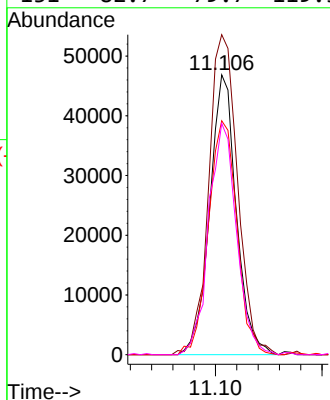
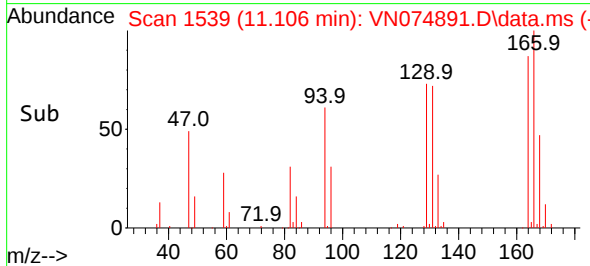
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



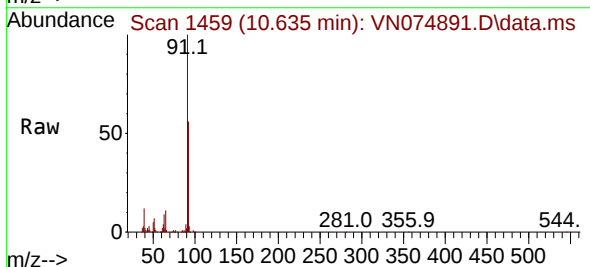
Tgt Ion:164 Resp: 81169
Ion Ratio Lower Upper
164 100
166 114.4 99.6 149.4
129 83.6 84.0 126.0
131 82.7 79.7 119.5

Manual Integrations
APPROVED

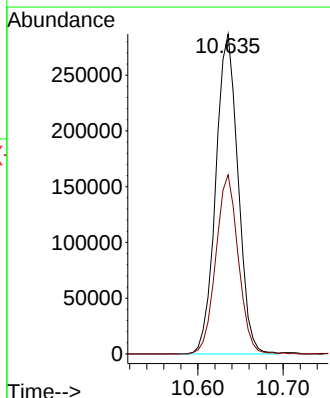
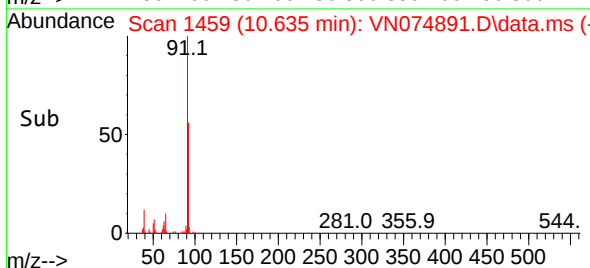
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

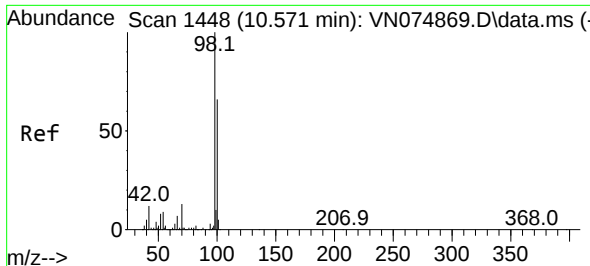


#62
Toluene
Concen: 19.966 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



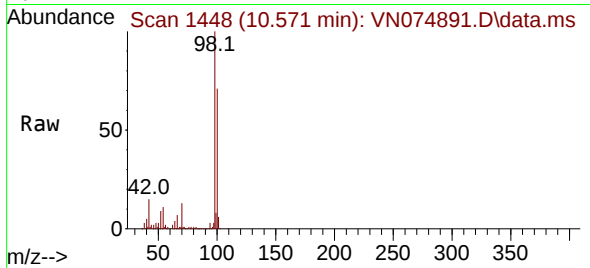
Tgt Ion: 91 Resp: 520837
Ion Ratio Lower Upper
91 100
92 56.3 46.0 69.0





#63
Toluene-d8
Concen: 29.936 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

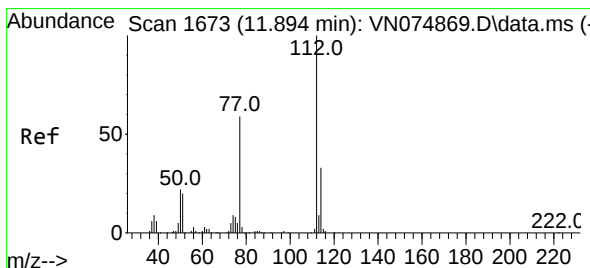
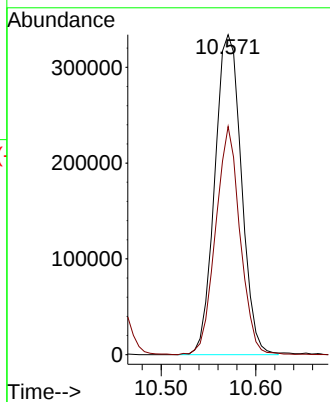
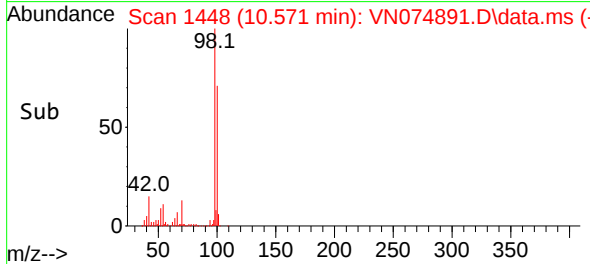
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



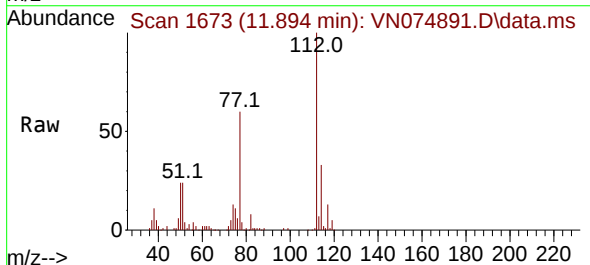
Tgt Ion: 98 Resp: 652360
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

Manual Integrations
APPROVED

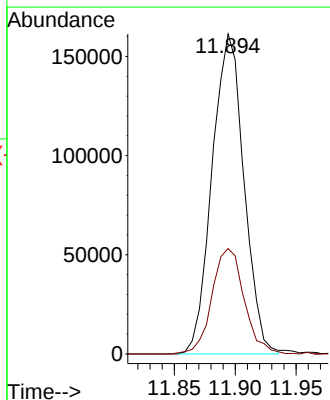
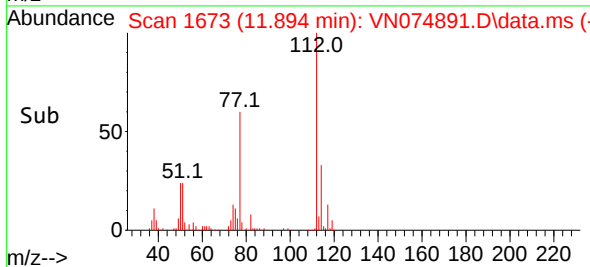
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

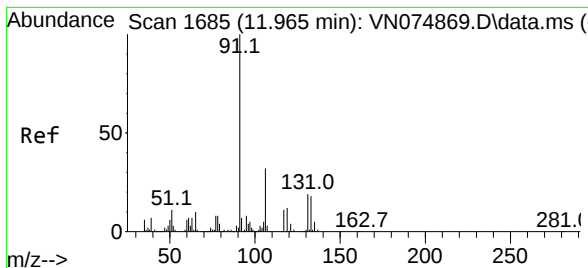


#64
Chlorobenzene
Concen: 19.829 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



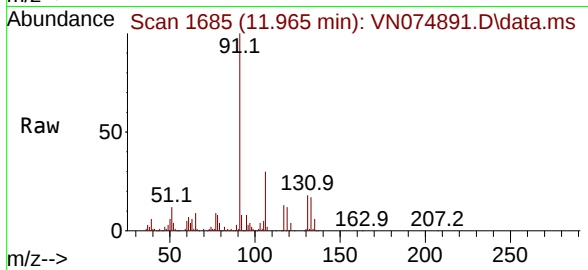
Tgt Ion:112 Resp: 294025
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.968 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

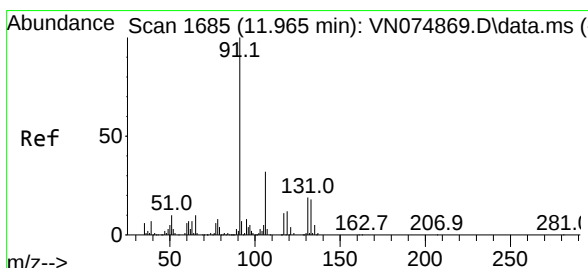
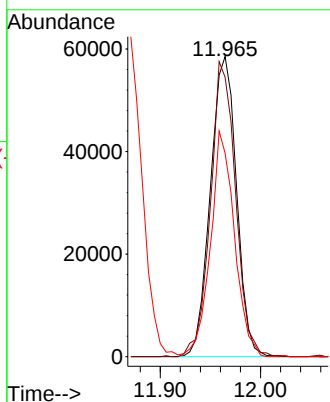
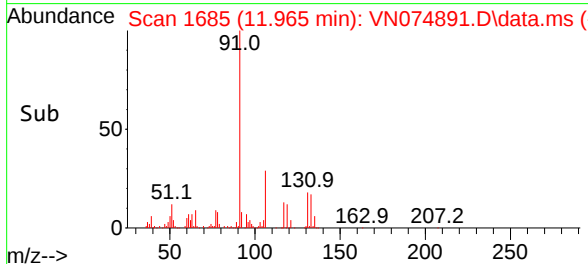
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



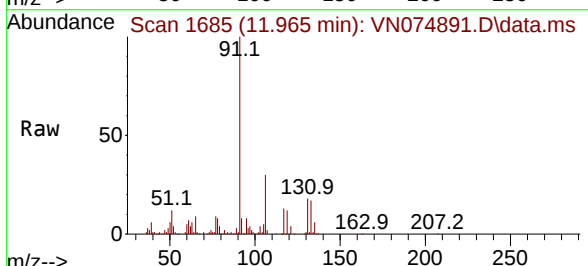
Tgt Ion:131 Resp: 105934
Ion Ratio Lower Upper
131 100
133 94.5 0.0 191.8
119 68.9 0.0 135.8

Manual Integrations
APPROVED

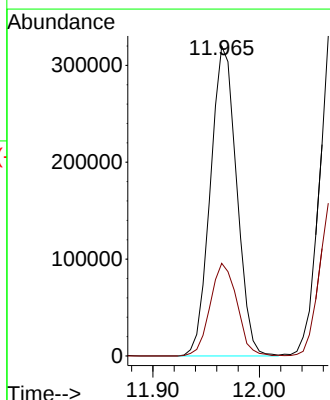
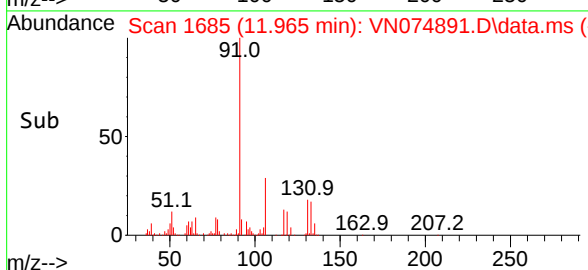
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

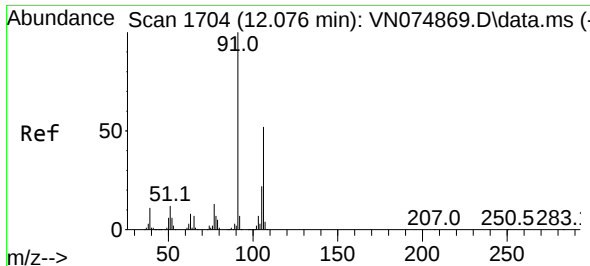


#66
Ethyl Benzene
Concen: 19.344 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



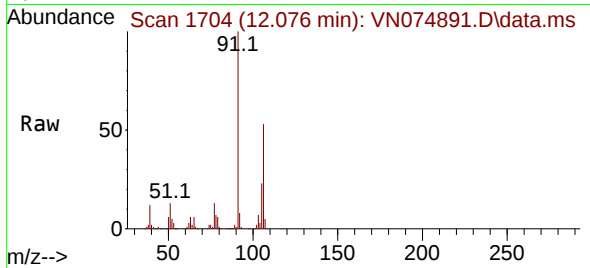
Tgt Ion: 91 Resp: 548733
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1





#67
m/p-Xylenes
Concen: 39.293 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

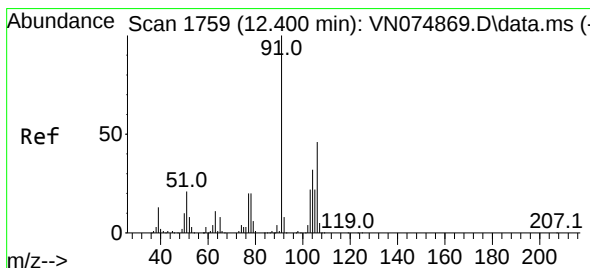
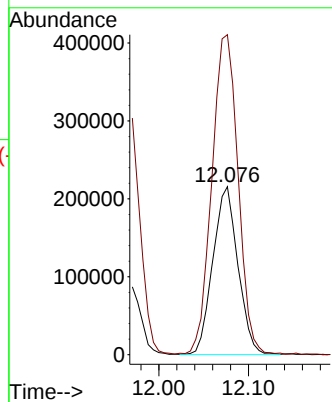
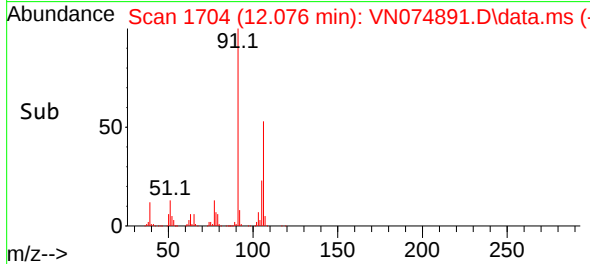
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



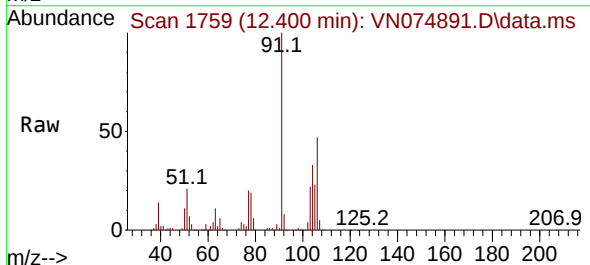
Tgt Ion:106 Resp: 418733
Ion Ratio Lower Upper
106 100
91 198.9 164.2 246.4

Manual Integrations
APPROVED

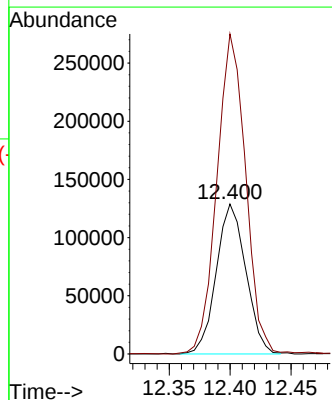
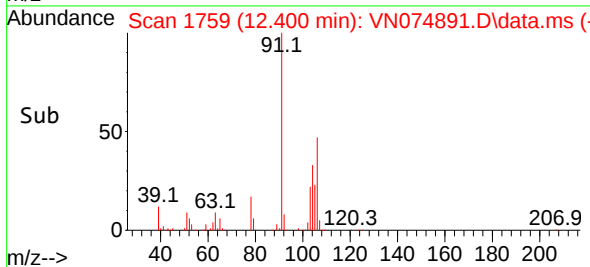
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

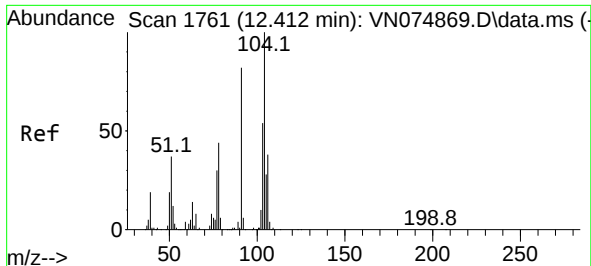


#68
o-Xylene
Concen: 20.115 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



Tgt Ion:106 Resp: 217888
Ion Ratio Lower Upper
106 100
91 206.9 108.5 325.5





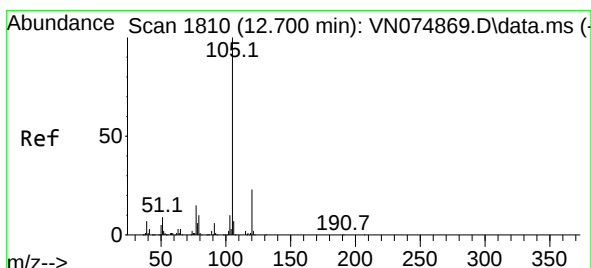
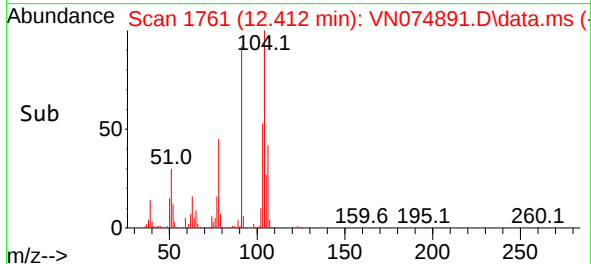
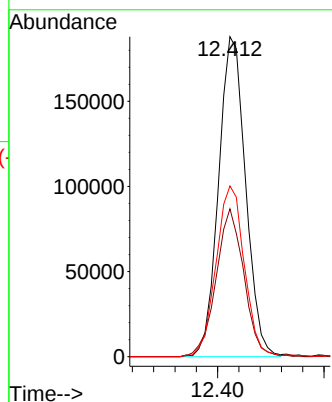
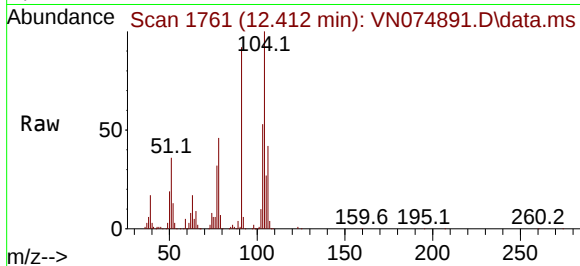
#69
Styrene
Concen: 18.672 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 33104
Ion Ratio Lower Upper
104 100
78 47.4 39.9 59.9
103 55.6 43.8 65.8

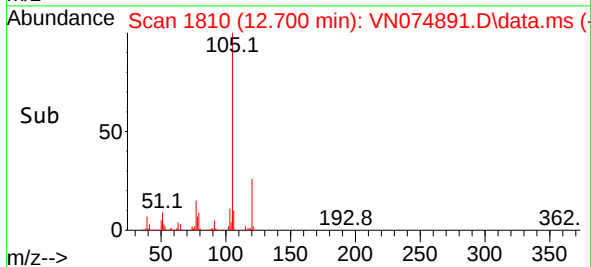
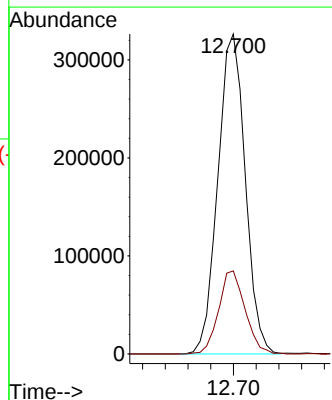
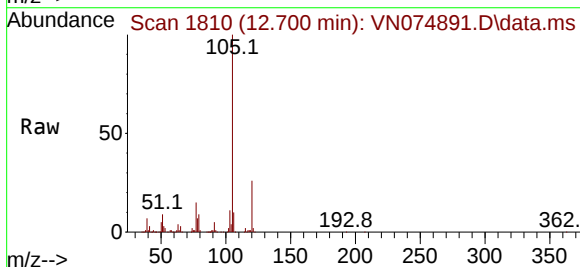
Manual Integrations
APPROVED

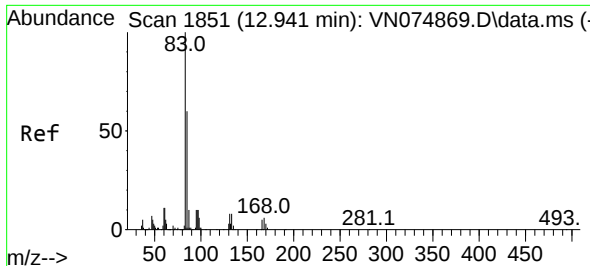
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Isopropylbenzene
Concen: 19.561 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

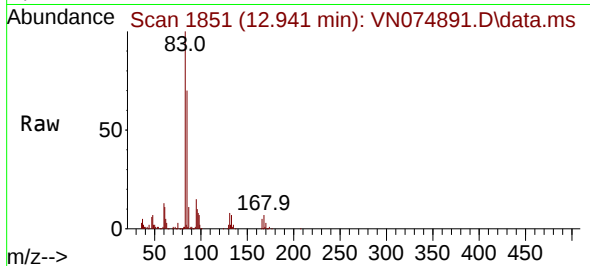
Tgt Ion:105 Resp: 546481
Ion Ratio Lower Upper
105 100
120 25.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.310 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

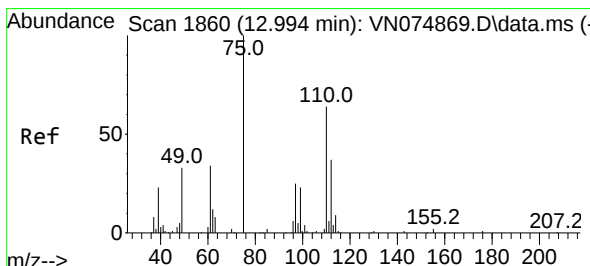
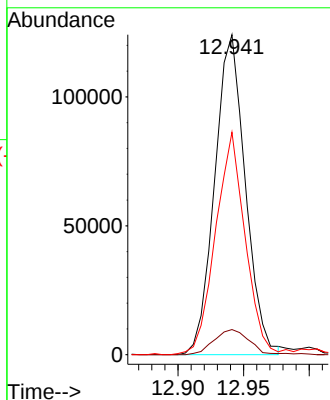
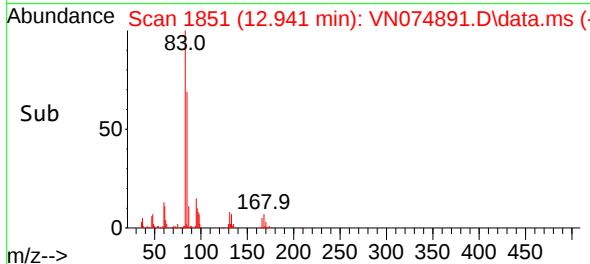
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



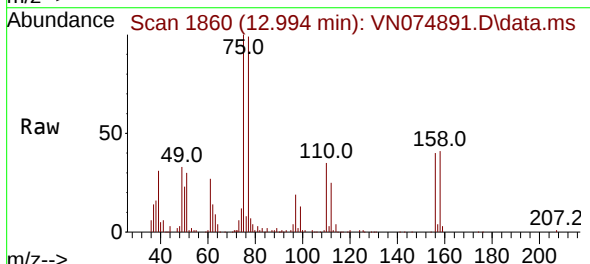
Tgt Ion: 83 Resp: 201800
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 67.0 30.9 92.7

Manual Integrations
APPROVED

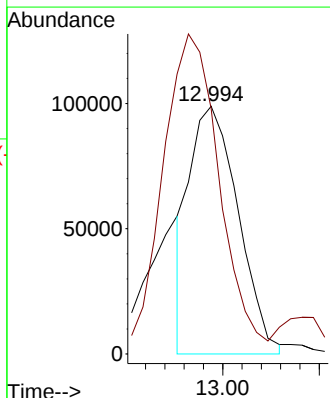
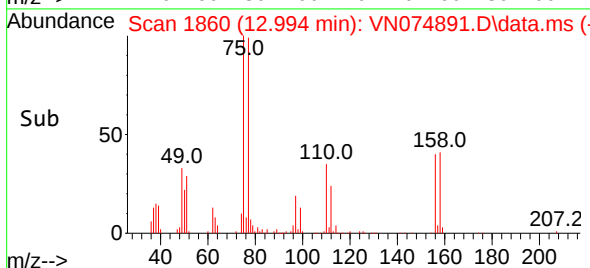
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

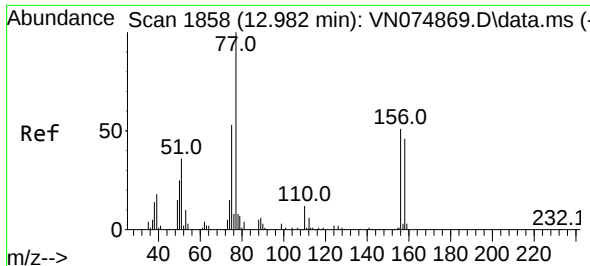


#72
1,2,3-Trichloropropane
Concen: 19.659 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



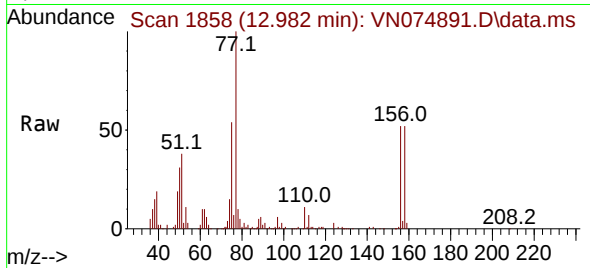
Tgt Ion: 75 Resp: 172599
Ion Ratio Lower Upper
75 100
77 151.9 0.0 372.4





#73
Bromobenzene
Concen: 18.368 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

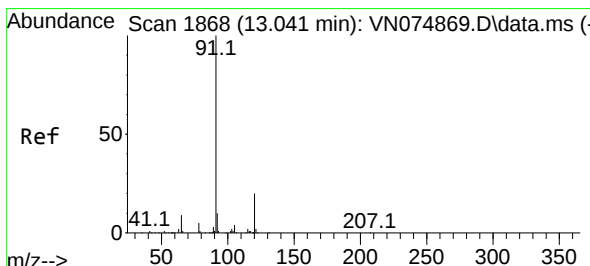
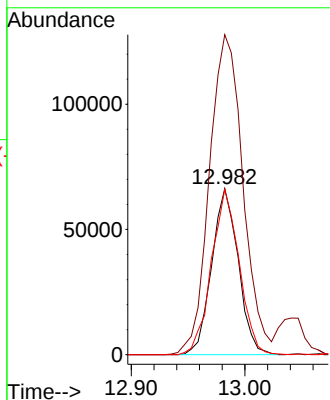
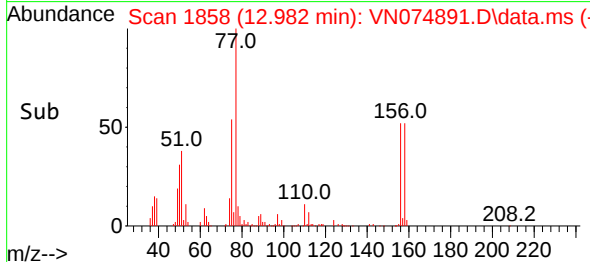
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:156 Resp: 107530
Ion Ratio Lower Upper
156 100
77 243.7 0.0 491.8
158 104.4 0.0 185.0

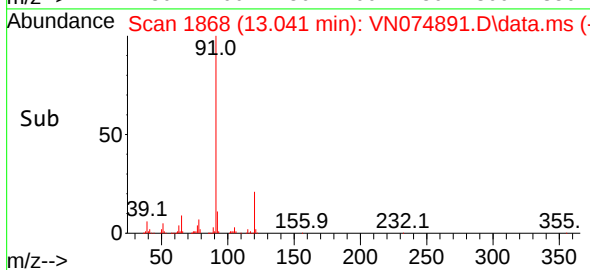
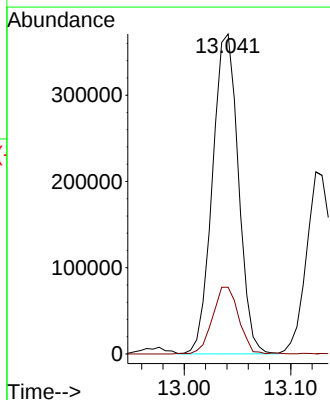
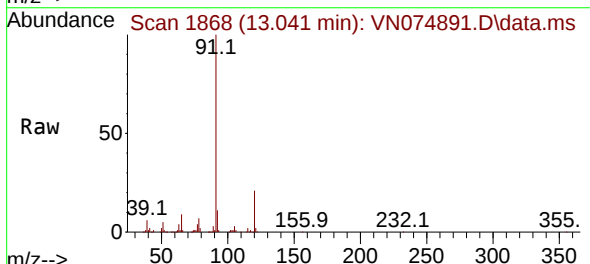
Manual Integrations
APPROVED

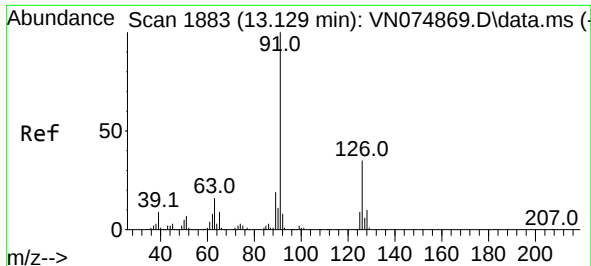
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 19.270 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 91 Resp: 627675
Ion Ratio Lower Upper
91 100
120 21.0 0.0 44.6





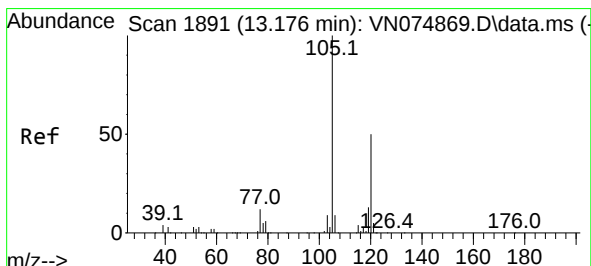
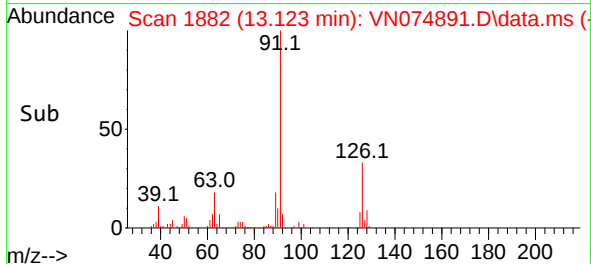
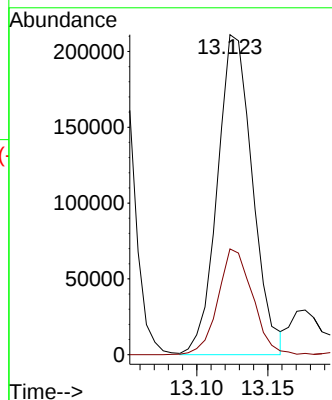
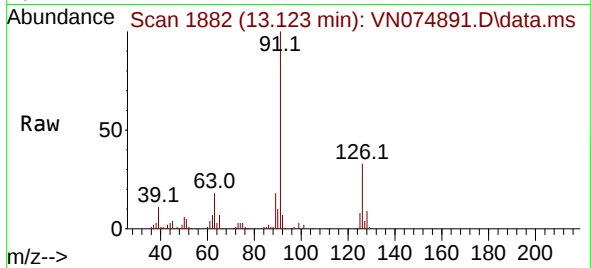
#75
2-Chlorotoluene
Concen: 19.095 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 36385
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.2

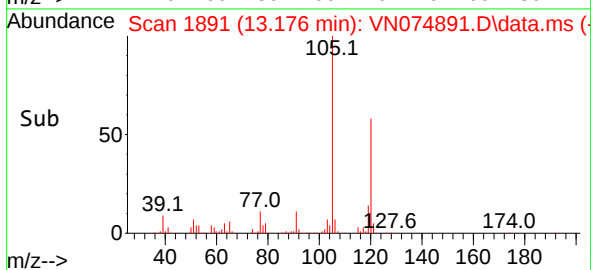
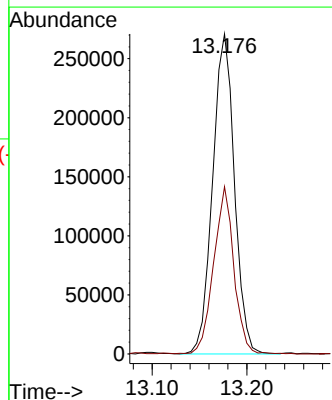
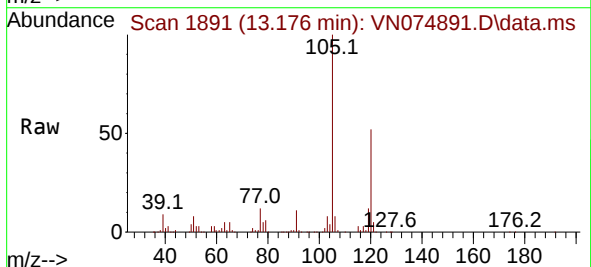
Manual Integrations
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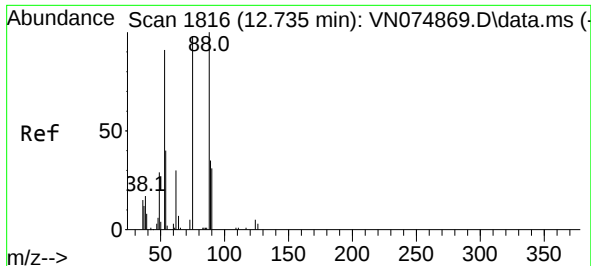
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.063 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

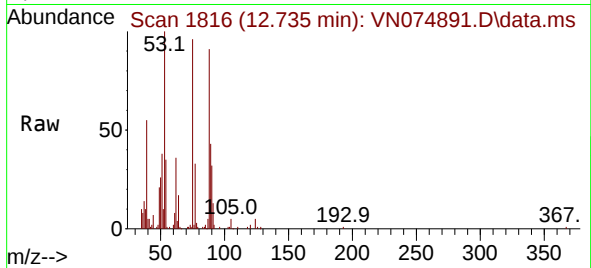
Tgt Ion:105 Resp: 432786
Ion Ratio Lower Upper
105 100
120 48.3 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.220 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

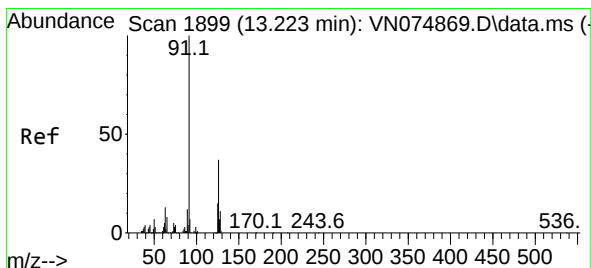
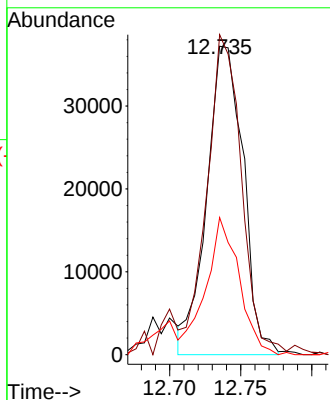
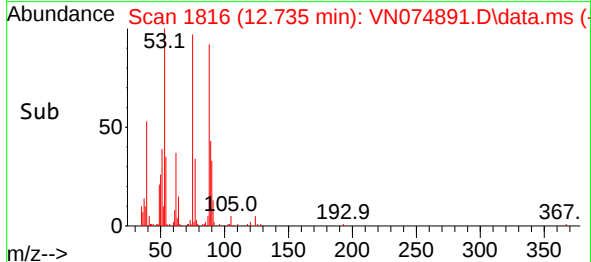
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 66462
Ion Ratio Lower Upper
75 100
53 101.3 43.3 129.9
89 44.9 21.1 63.1

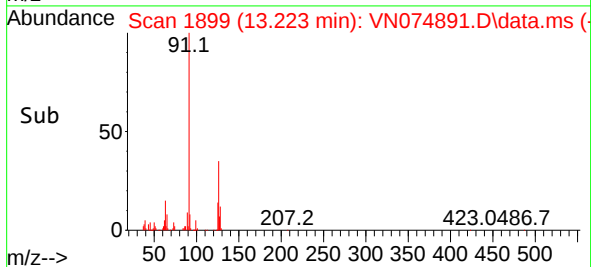
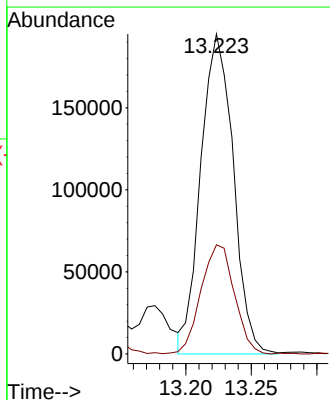
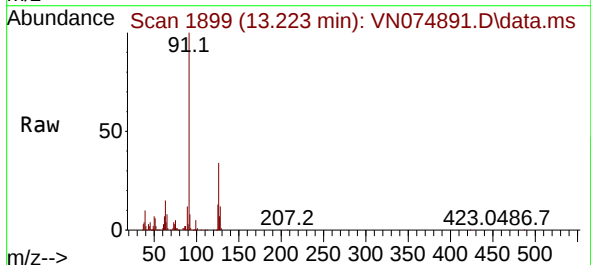
Manual Integrations
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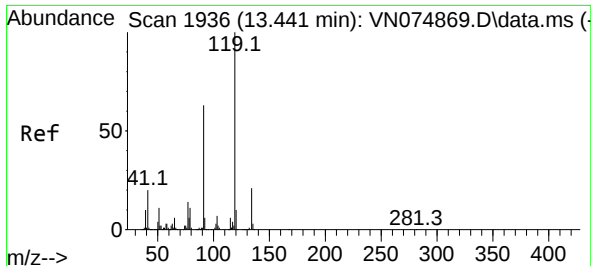
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 18.470 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion: 91 Resp: 335864
Ion Ratio Lower Upper
91 100
126 35.1 0.0 67.8





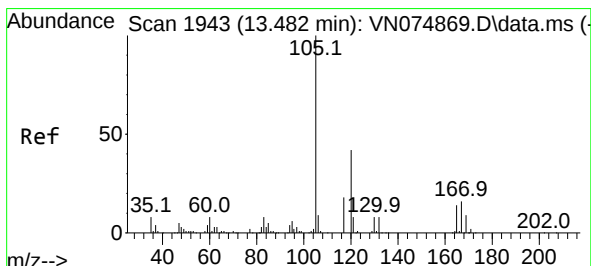
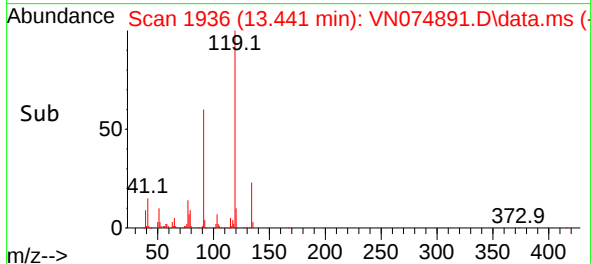
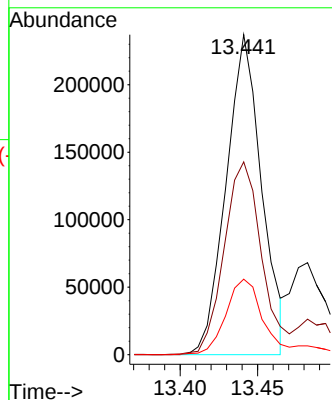
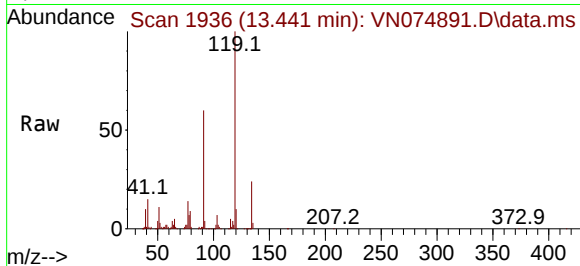
#79
tert-butylbenzene
Concen: 18.672 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 377072
Ion Ratio Lower Upper
119 100
91 64.0 0.0 129.0
134 24.2 0.0 52.2

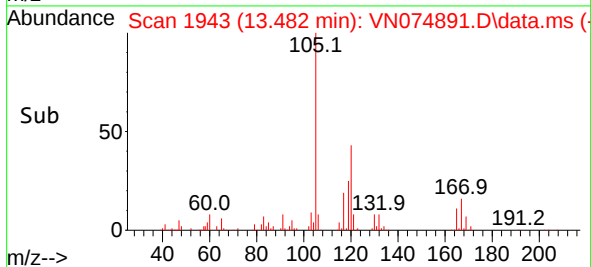
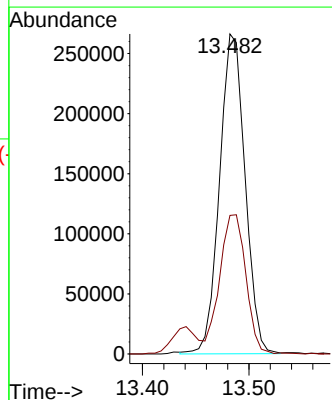
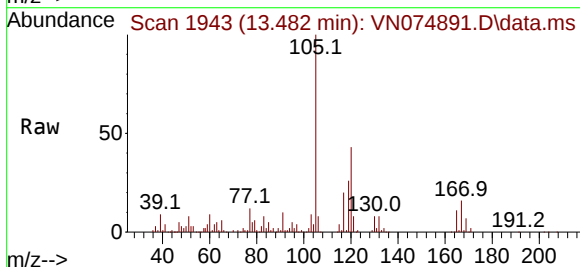
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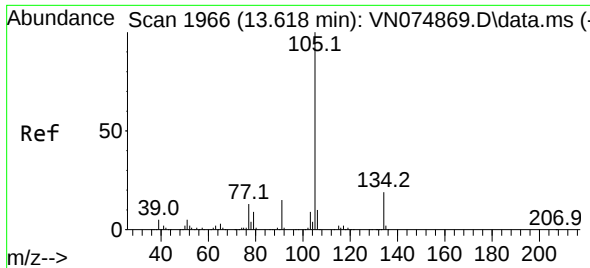
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.365 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

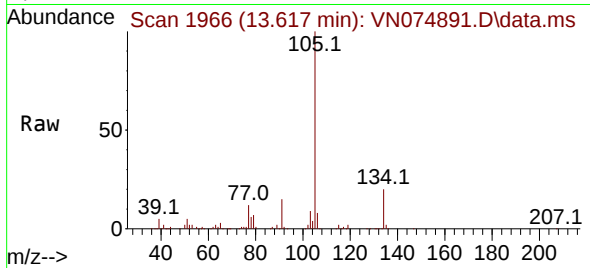
Tgt Ion:105 Resp: 442348
Ion Ratio Lower Upper
105 100
120 44.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.304 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

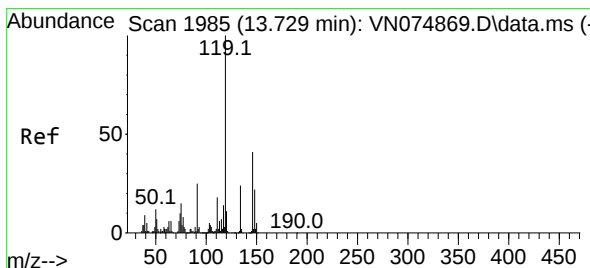
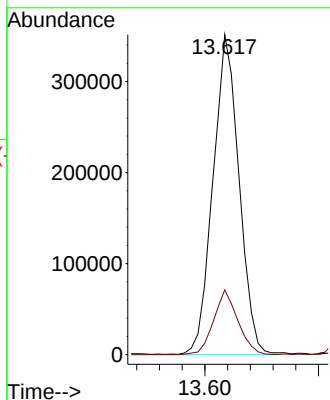
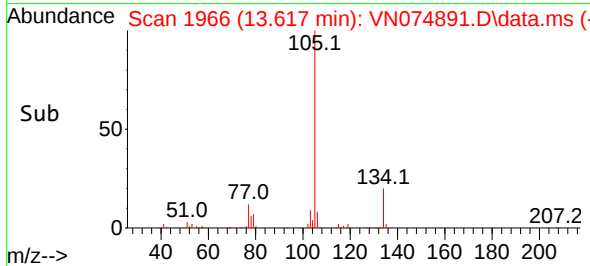
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:105 Resp: 560273
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.8

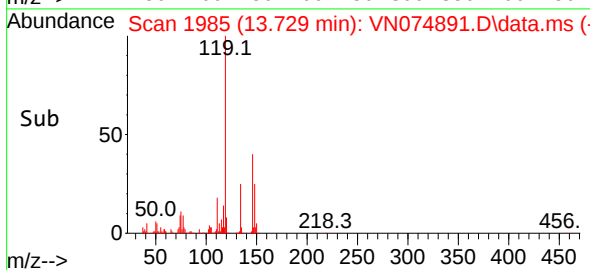
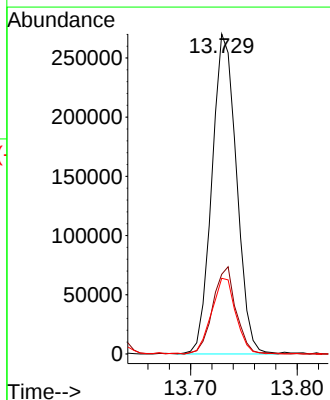
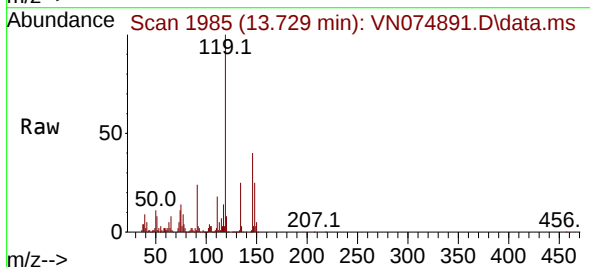
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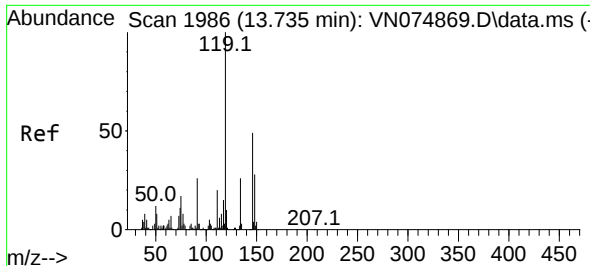
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 18.803 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

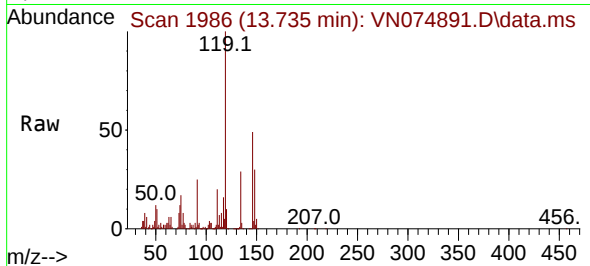
Tgt Ion:119 Resp: 433627
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.4
 91 23.4 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 18.009 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

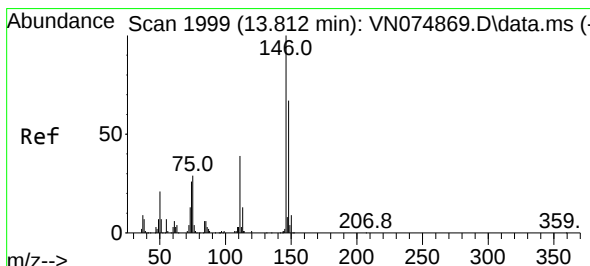
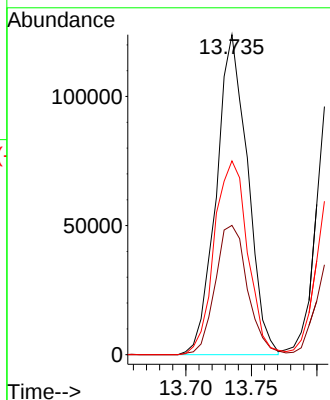
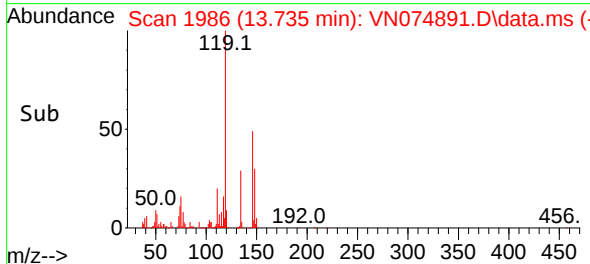
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



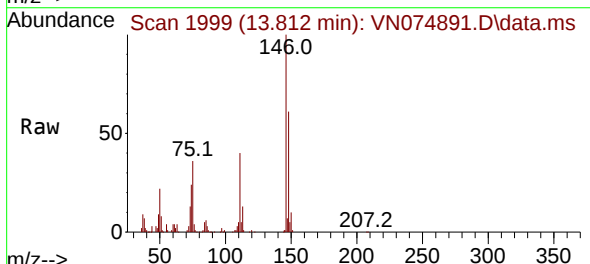
Tgt Ion:146 Resp: 205720
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.5
148 64.7 31.0 93.0

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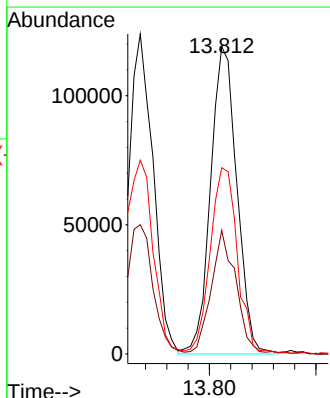
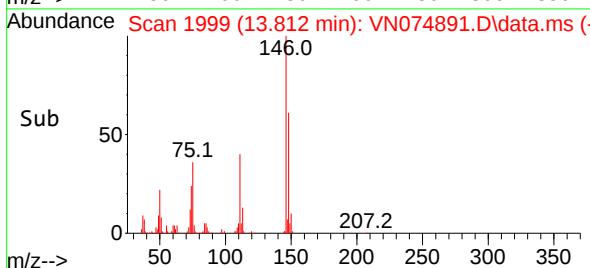
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

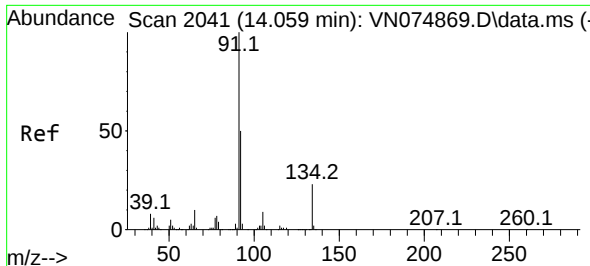


#84
1,4-Dichlorobenzene
Concen: 18.639 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



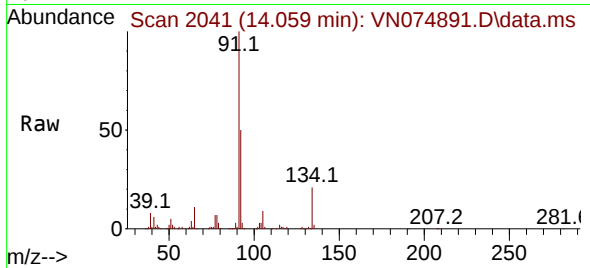
Tgt Ion:146 Resp: 204510
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.5
148 60.1 31.7 95.1





#85
n-Butylbenzene
Concen: 18.712 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

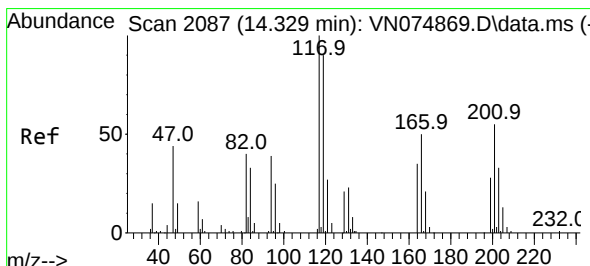
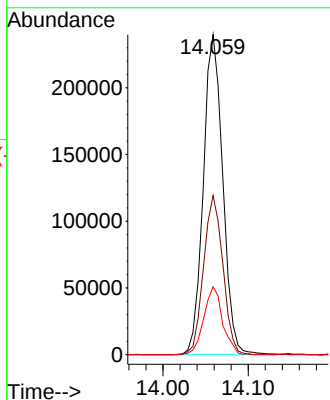
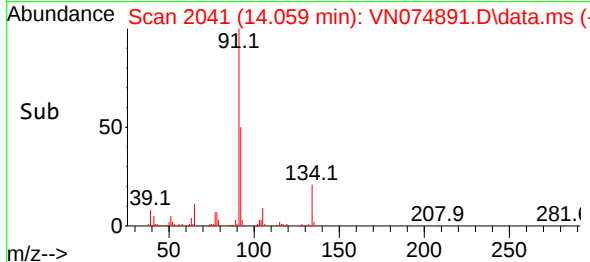
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



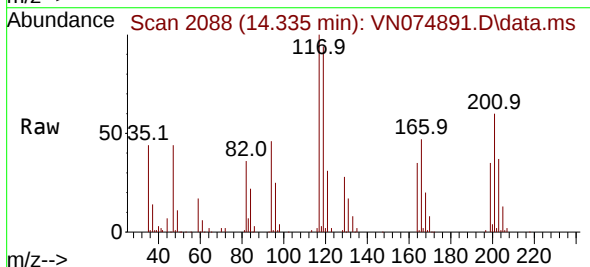
Tgt Ion: 91 Resp: 380900
Ion Ratio Lower Upper
91 100
92 49.2 0.0 105.4
134 20.5 0.0 46.4

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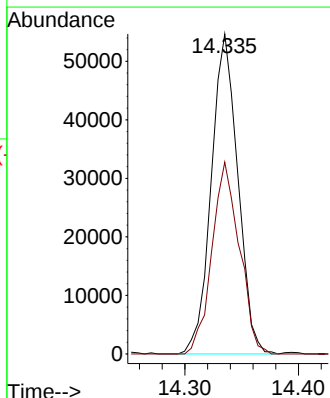
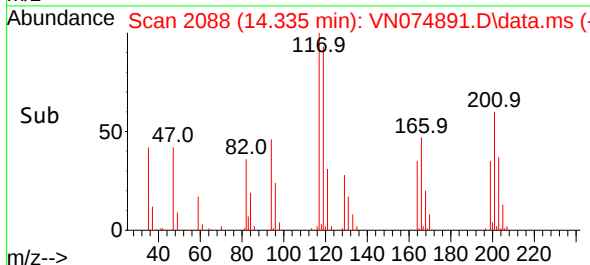
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

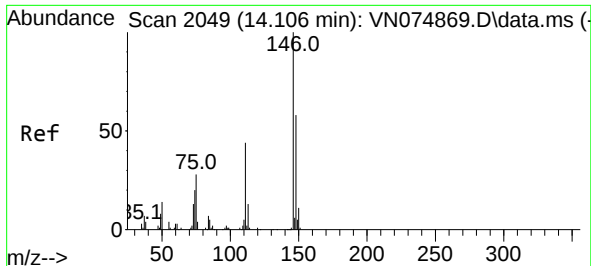


#86
Hexachloroethane
Concen: 19.686 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07



Tgt Ion:117 Resp: 88910
Ion Ratio Lower Upper
117 100
201 61.9 29.4 88.3





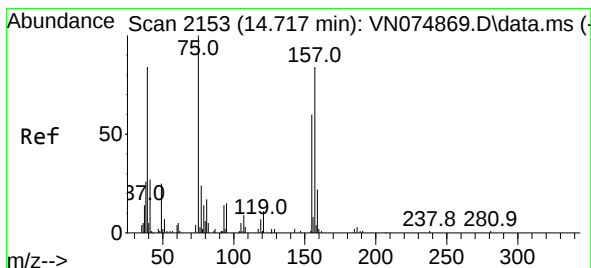
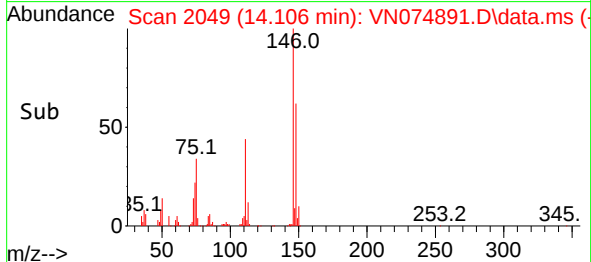
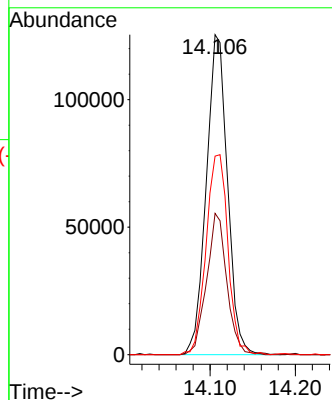
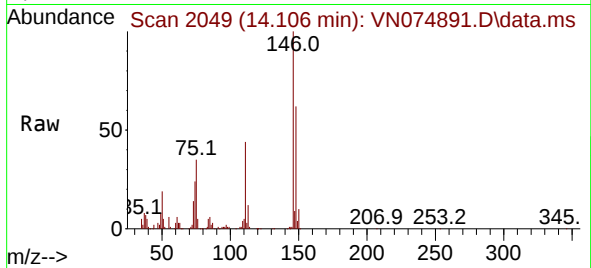
#87
1,2-Dichlorobenzene
Concen: 19.122 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 216890
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 64.3 30.6 92.0

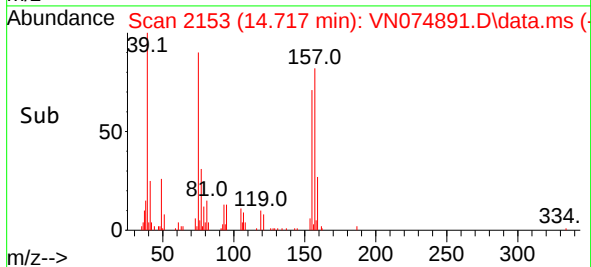
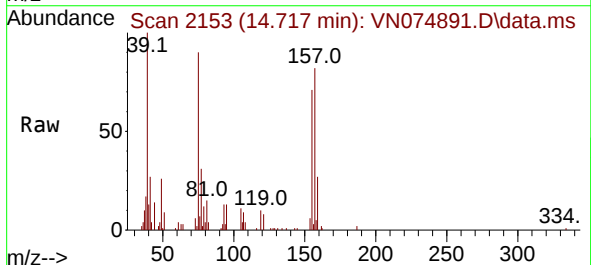
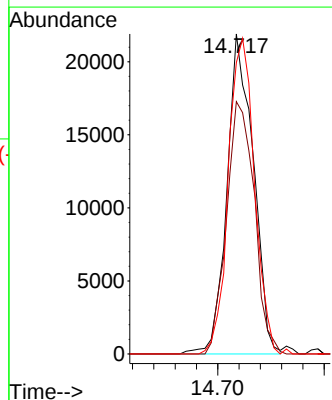
Manual Integrations
APPROVED

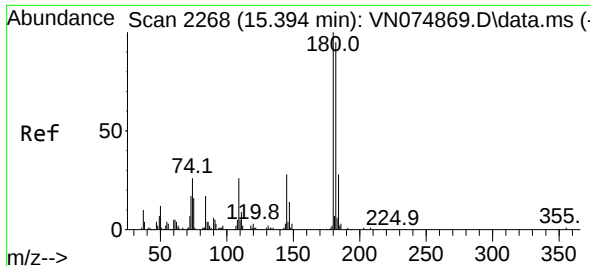
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.809 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

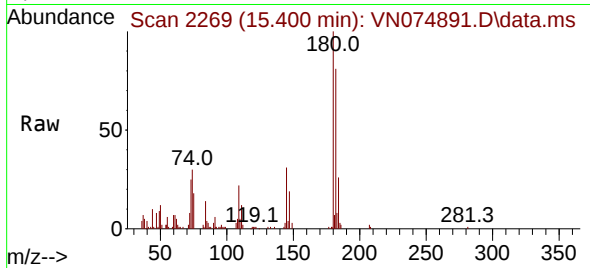
Tgt Ion: 75 Resp: 37562
Ion Ratio Lower Upper
75 100
155 83.4 66.3 99.5
157 97.8 84.3 126.5





#89
 1,2,4-Trichlorobenzene
 Concen: 18.713 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07

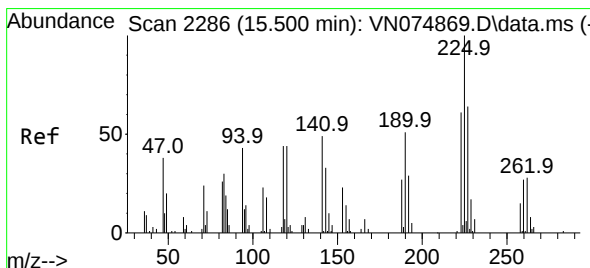
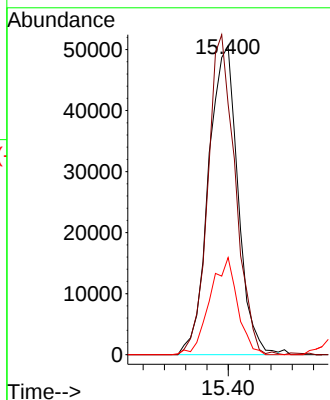
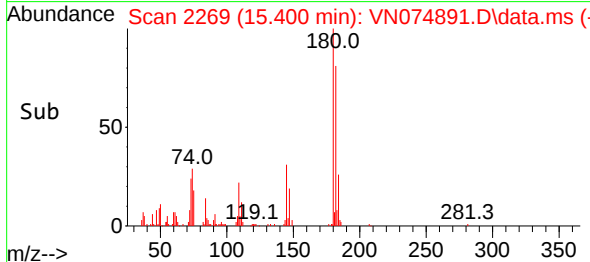
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



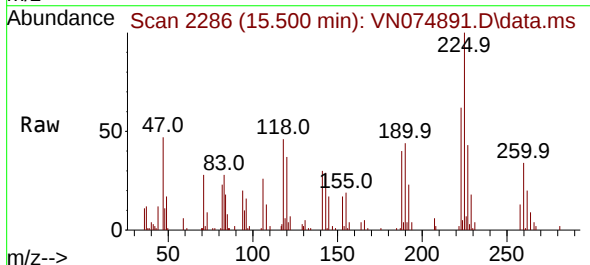
Tgt Ion:180 Resp: 96930
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.9 112.3
 145 29.5 26.3 39.5

Manual Integrations
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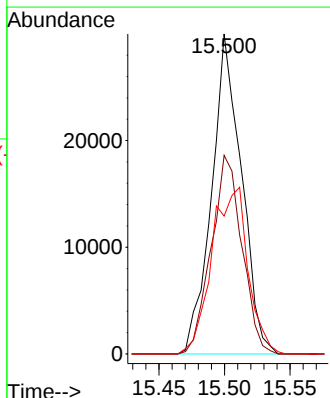
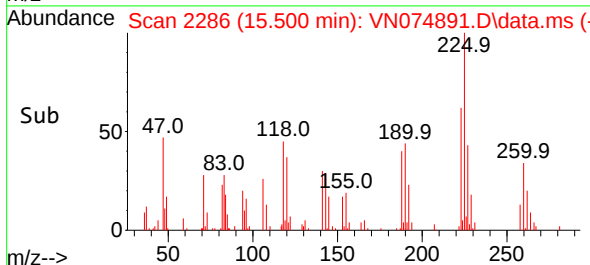
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

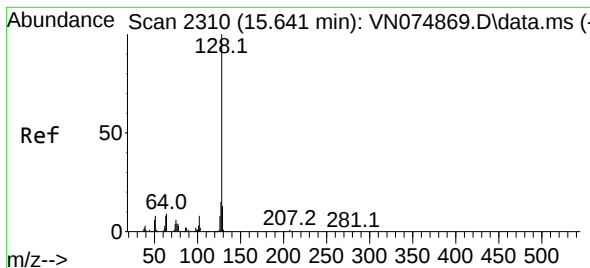


#90
 Hexachlorobutadiene
 Concen: 18.795 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN074891.D
 Acq: 13 Oct 2022 12:07



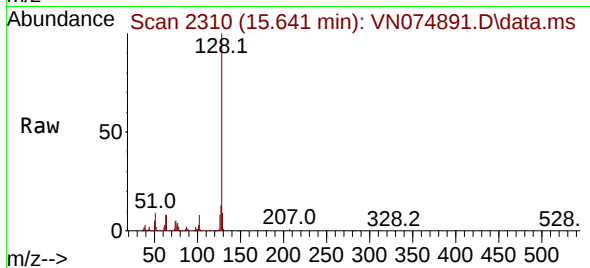
Tgt Ion:225 Resp: 47470
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 125.0
 227 29.2 0.0 123.0





#91
Naphthalene
Concen: 17.591 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

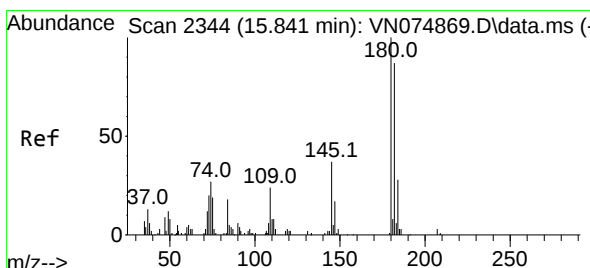
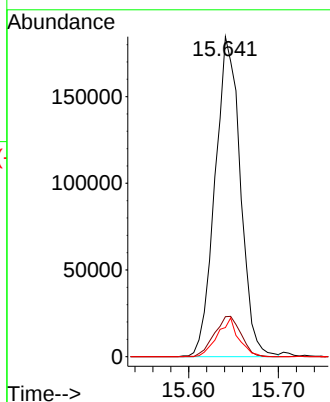
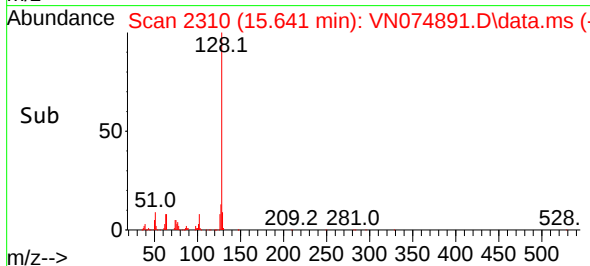
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 361570
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.1 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.145 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074891.D
Acq: 13 Oct 2022 12:07

Tgt Ion:180 Resp: 92908
Ion Ratio Lower Upper
180 100
182 100.5 0.0 185.4
145 34.0 0.0 68.6

