

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081827.D
 Acq On : 22 Apr 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 23 06:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	12923	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	79847	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	106636	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	47122	29.682	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.933%
60) 4-Bromofluorobenzene	12.847	95	64115	30.582	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.933%
63) Toluene-d8	10.565	98	129050	30.170	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	25707	14.236	ug/l	96
3) Chloromethane	2.359	50	28866	18.425	ug/l	96
4) Vinyl Chloride	2.518	62	33120	20.559	ug/l	95
5) Bromomethane	2.971	94	29300	21.476	ug/l	100
6) Chloroethane	3.124	64	28837	22.871	ug/l	90
7) Trichlorofluoromethane	3.495	101	37487	14.174	ug/l	98
8) Diethyl Ether	3.959	74	14067m	14.260	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	24500	13.502	ug/l	94
10) 1,1-Dichloroethene	4.342	96	22432	13.480	ug/l	94
11) Methyl Iodide	4.594	142	24814	13.167	ug/l	83
12) Methyl Acetate	5.024	43	27491	17.991	ug/l	91
13) Acrolein	4.189	56	16705m	83.006	ug/l	
14) Acrylonitrile	5.712	53	64776	85.161	ug/l	95
15) Acetone	4.424	58	14648m	87.559	ug/l	
16) Carbon Disulfide	4.706	76	62706	13.251	ug/l #	93
17) Allyl chloride	5.018	41	33244m	16.514	ug/l	
18) Methylene Chloride	5.271	84	33134	17.291	ug/l	89
19) trans-1,2-Dichloroethene	5.789	96	27896m	15.286	ug/l	
20) Diisopropyl ether	6.677	45	92178	19.233	ug/l	98
21) 1,1-Dichloroethane	6.571	63	56399m	17.650	ug/l	
22) cis-1,2-Dichloroethene	7.483	96	37183	16.873	ug/l	96
23) tert-Butyl Alcohol	5.518	59	21615	80.050	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	89851	17.264	ug/l #	82
25) Chloroform	7.971	83	67834	18.657	ug/l	93
26) Cyclohexane	8.265	56	33482	13.070	ug/l #	79
29) 1,1-Dichloropropene	8.371	75	39117	18.634	ug/l	99
30) 2-Butanone	7.483	43	86164	107.477	ug/l #	95
31) 2,2-Dichloropropane	7.494	77	47273m	18.080	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	52235	18.055	ug/l	94
33) Carbon Tetrachloride	8.365	117	45634	17.401	ug/l	88
34) Benzene	8.606	78	134336	19.866	ug/l	97
35) Methacrylonitrile	7.777	41	21017	23.145	ug/l	87
36) 1,2-Dichloroethane	8.671	62	51453	23.198	ug/l	98
37) Trichloroethene	9.353	130	34096	19.054	ug/l	99
38) Methylcyclohexane	9.600	83	38593	15.042	ug/l	95
39) 1,2-Dichloropropane	9.624	63	32421	20.551	ug/l	100
40) Dibromomethane	9.712	93	28997	23.075	ug/l	98
41) Bromodichloromethane	9.888	83	56990	22.239	ug/l	97
42) Vinyl Acetate	6.600	43	364336	109.092	ug/l	100

04/23/2024
 Supervised By :Mahesh
 Radoda

04/23/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081827.D
 Acq On : 22 Apr 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

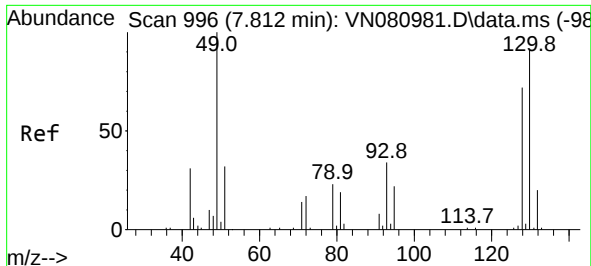
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 23 06:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.559	43	33511	18.966	ug/l	#	93
44) Isopropyl Acetate	8.688	43	68075	22.995	ug/l		92
45) 1,4-Dioxane	9.694	88	12332	377.350	ug/l	#	88
46) Methyl methacrylate	9.682	41	29512	22.168	ug/l		90
47) n-amyl Acetate	12.494	43	62284	23.446	ug/l		95
48) t-1,3-Dichloropropene	10.835	75	54420	22.290	ug/l		96
49) cis-1,3-Dichloropropene	10.312	75	56180	21.368	ug/l	#	87
50) 1,1,2-Trichloroethane	11.018	97	37894	22.520	ug/l		96
51) Ethyl methacrylate	10.876	69	49582	21.162	ug/l		82
52) 1,3-Dichloropropane	11.165	76	64894	23.529	ug/l		97
53) Dibromochloromethane	11.359	129	45316	22.545	ug/l		98
54) 1,2-Dibromoethane	11.470	107	35821	20.595	ug/l		92
55) 2-Chloroethyl vinyl ether	10.159	63	129453	112.513	ug/l		99
56) Bromoform	12.582	173	30514	23.741	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.447	43	219064	119.457	ug/l	#	89
59) 2-Hexanone	11.200	43	157414m	114.299	ug/l		
61) Tetrachloroethene	11.106	164	37594	19.026	ug/l	#	80
62) Toluene	10.629	91	148756	19.175	ug/l		100
64) Chlorobenzene	11.894	112	98199	19.962	ug/l		94
65) 1,1,1,2-Tetrachloroethane	11.959	131	37028	20.721	ug/l		94
66) Ethyl Benzene	11.965	91	149415	18.115	ug/l		100
67) m/p-Xylenes	12.070	106	123439	37.781	ug/l		91
68) o-Xylene	12.400	106	57483	18.533	ug/l		95
69) Styrene	12.412	104	100345	18.996	ug/l		97
70) Isopropylbenzene	12.694	105	143996	17.995	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.941	83	47415	22.684	ug/l		95
72) 1,2,3-Trichloropropane	12.994	75	45821m	23.678	ug/l		
73) Bromobenzene	12.982	156	40885	20.620	ug/l		95
74) n-propylbenzene	13.035	91	174614	18.230	ug/l		100
75) 2-Chlorotoluene	13.129	91	108238	18.968	ug/l		93
76) 1,3,5-Trimethylbenzene	13.170	105	125109	18.421	ug/l		97
77) t-1,4-Dichloro-2-butene	12.741	75	17830	22.248	ug/l		89
78) 4-Chlorotoluene	13.223	91	108421	19.156	ug/l		92
79) tert-butylbenzene	13.441	119	100197	17.341	ug/l		99
80) 1,2,4-Trimethylbenzene	13.482	105	129030	19.050	ug/l		96
81) sec-Butylbenzene	13.617	105	148007	17.761	ug/l		99
82) p-Isopropyltoluene	13.729	119	120908	17.301	ug/l		97
83) 1,3-Dichlorobenzene	13.735	146	75325	20.327	ug/l		97
84) 1,4-Dichlorobenzene	13.812	146	71949	20.058	ug/l		97
85) n-Butylbenzene	14.059	91	99219	16.855	ug/l		99
86) Hexachloroethane	14.335	117	25514	19.109	ug/l		91
87) 1,2-Dichlorobenzene	14.106	146	76099	21.575	ug/l		95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10178	22.336	ug/l		98
89) 1,2,4-Trichlorobenzene	15.841	180	39875	20.625	ug/l		98
90) Hexachlorobutadiene	15.506	225	14571	18.808	ug/l		75
91) Naphthalene	15.641	128	121751	19.588	ug/l		100
92) 1,2,3-Trichlorobenzene	15.841	180	39875	20.625	ug/l		98

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



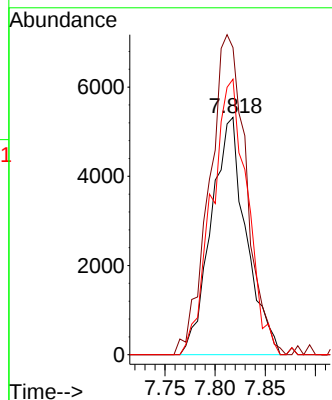
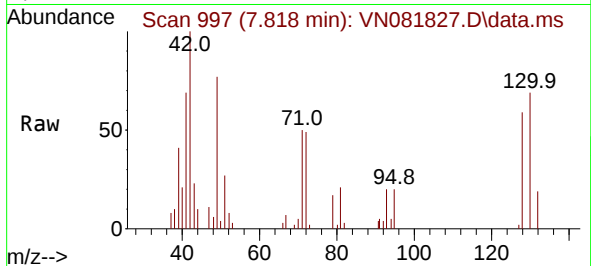
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 1292
Ion Ratio Lower Upper
128 100
49 142.8 0.0 403.7
130 119.0 0.0 323.3

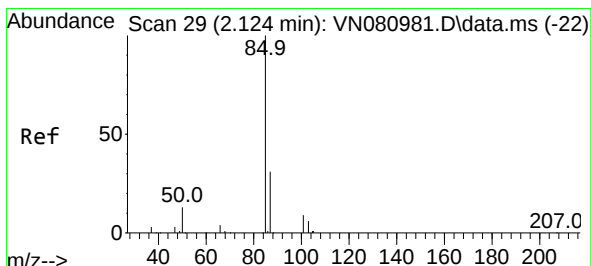
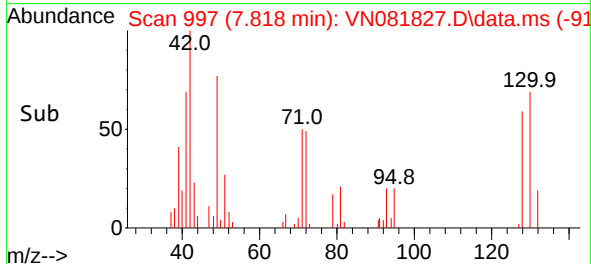
Manual Integrations
APPROVED

Reviewed By :John
Carlone



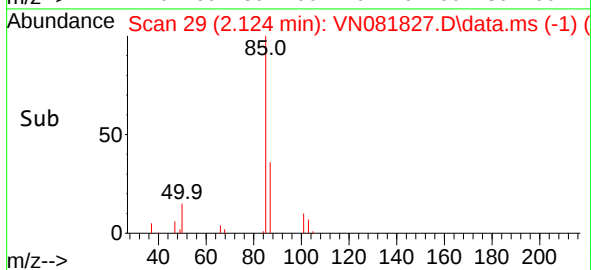
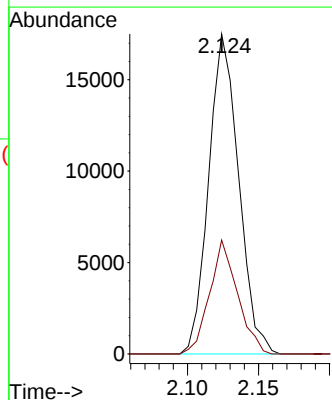
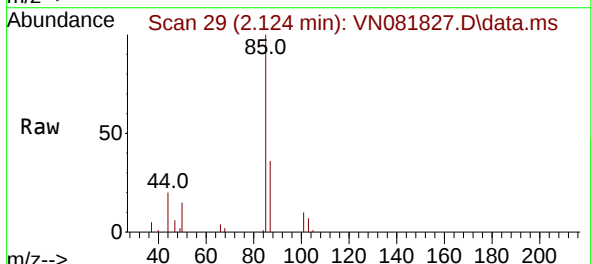
04/23/2024
Supervised By :Mahesh
Dadoda

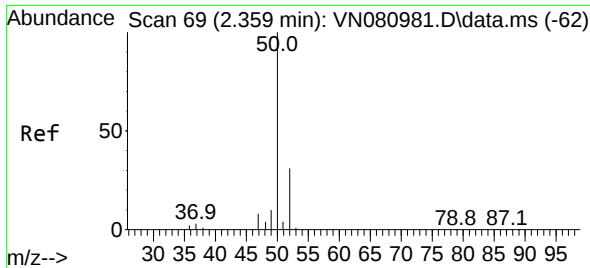
04/23/2024



#2
Dichlorodifluoromethane
Concen: 14.236 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

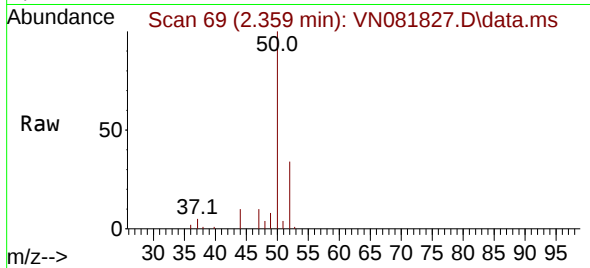
Tgt Ion: 85 Resp: 25707
Ion Ratio Lower Upper
85 100
87 35.6 16.8 50.3





#3
Chloromethane
Concen: 18.425 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

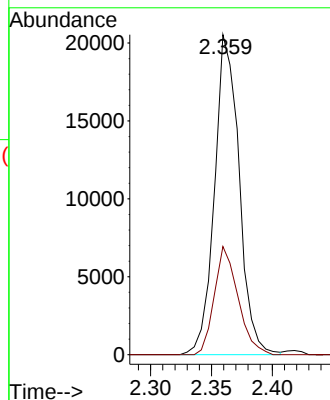
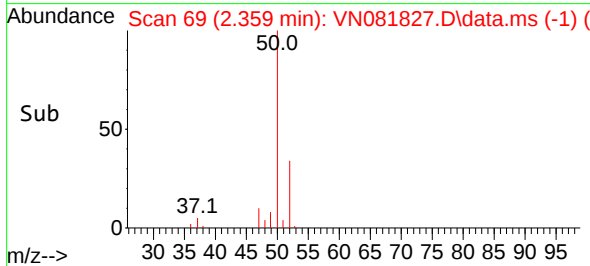
Instrument :
MSVOA_N
Client SampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 2886
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.0

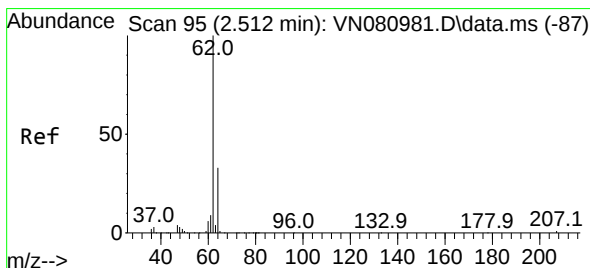
Manual Integrations
APPROVED

Reviewed By :John
Carlone

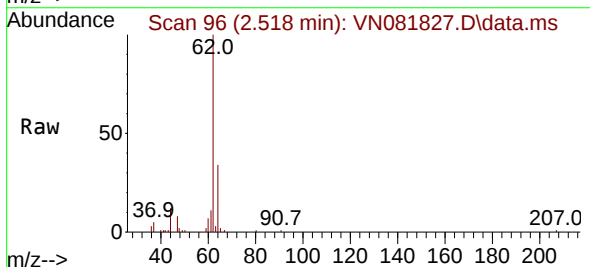


04/23/2024
Supervised By :Mahesh
Dadoda

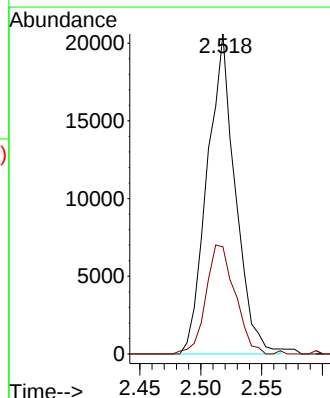
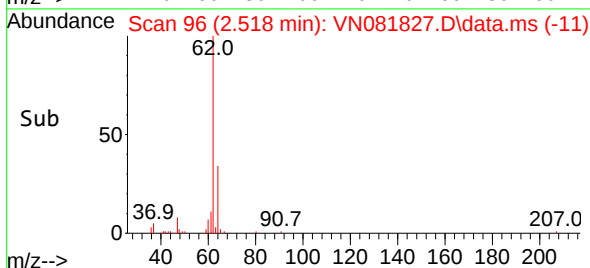
04/23/2024

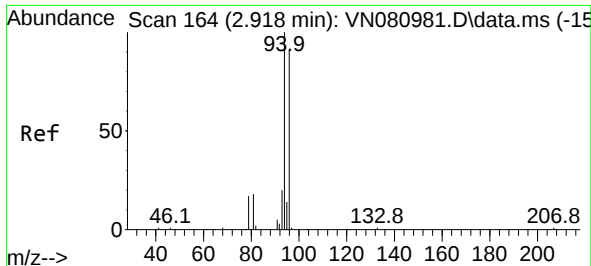


#4
Vinyl Chloride
Concen: 20.559 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



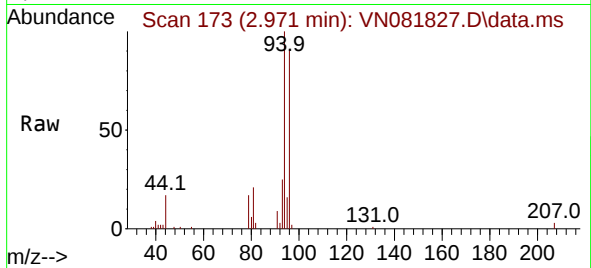
Tgt Ion: 62 Resp: 33120
Ion Ratio Lower Upper
62 100
64 32.6 24.1 36.1





#5
Bromomethane
Concen: 21.476 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

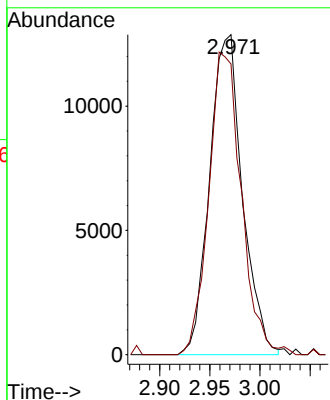
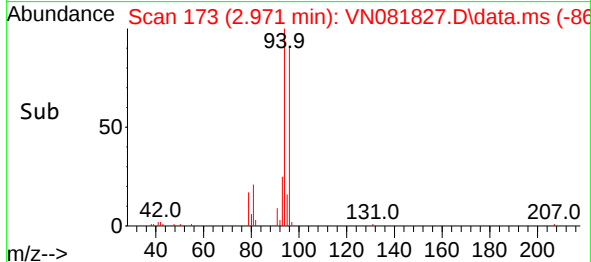
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 29300
Ion Ratio Lower Upper
94 100
96 90.9 72.8 109.2

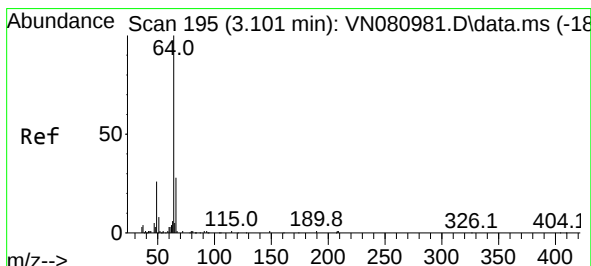
Manual Integrations
APPROVED

Reviewed By :John
Carlone

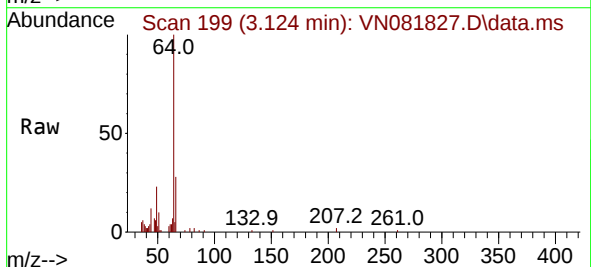


04/23/2024
Supervised By :Mahesh
Dadoda

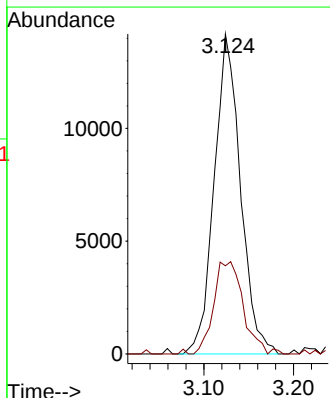
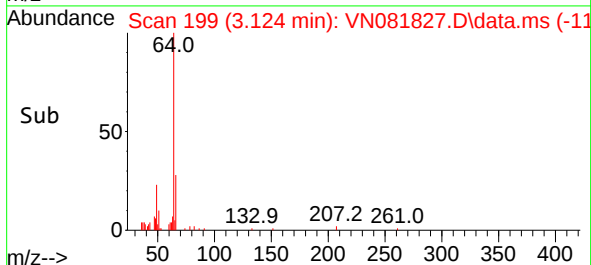
04/23/2024

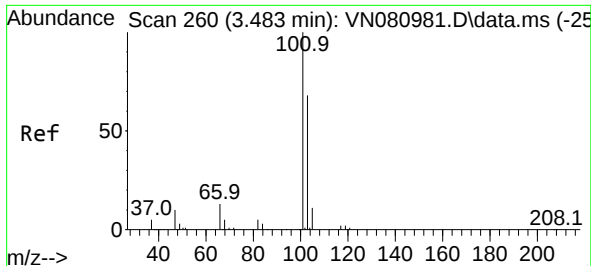


#6
Chloroethane
Concen: 22.871 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



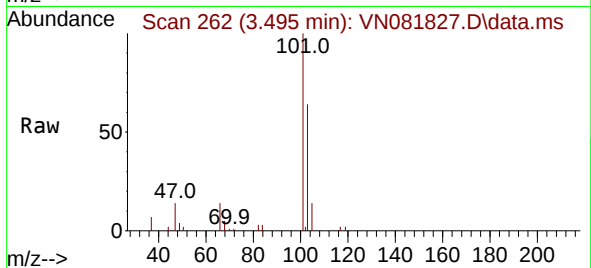
Tgt Ion: 64 Resp: 28837
Ion Ratio Lower Upper
64 100
66 27.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 14.174 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

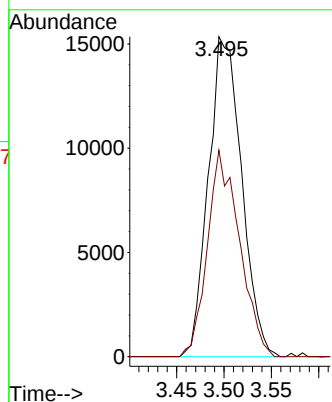
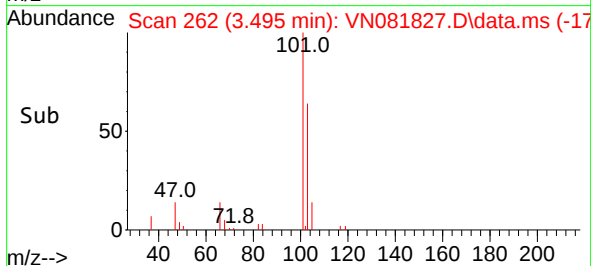
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 3748
Ion Ratio Lower Upper
101 100
103 64.5 53.0 79.4

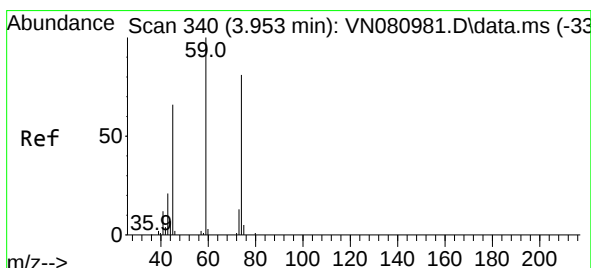
Manual Integrations
APPROVED

Reviewed By :John
Carlone



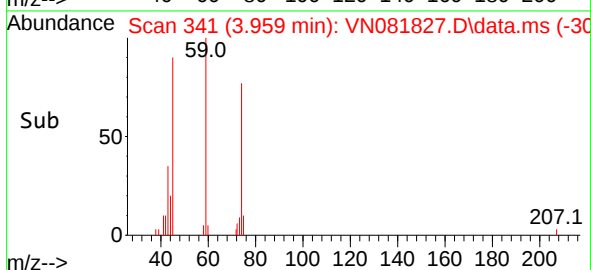
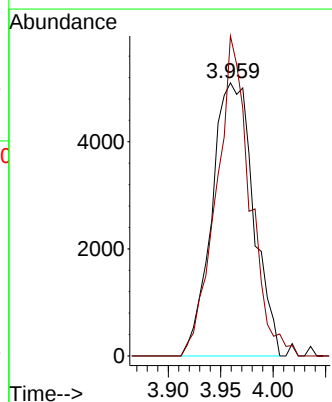
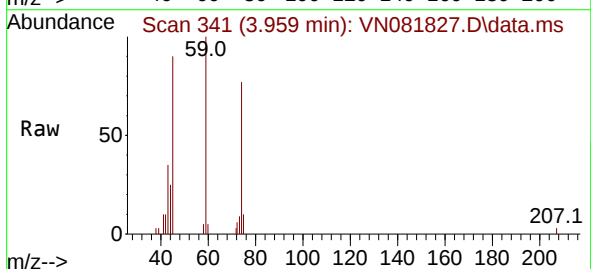
04/23/2024
Supervised By :Mahesh
Dadoda

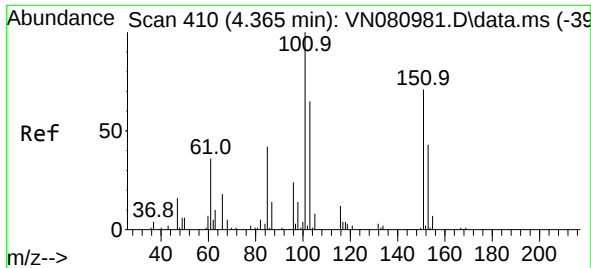
04/23/2024



#8
Diethyl Ether
Concen: 14.260 ug/l m
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 74 Resp: 14067
Ion Ratio Lower Upper
74 100
45 94.9 16.4 147.4





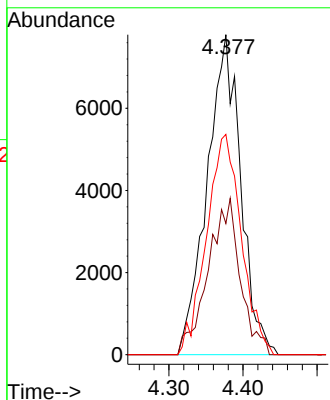
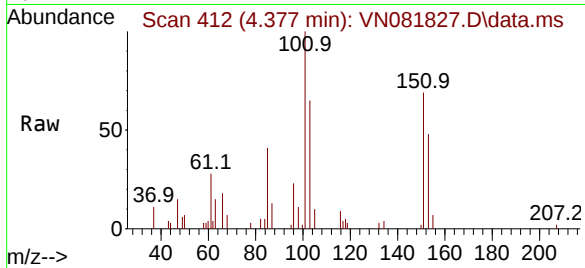
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.502 ug/l
RT: 4.377 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 24500
Ion Ratio Lower Upper
101 100
85 44.9 0.0 90.6
151 71.5 0.0 157.6

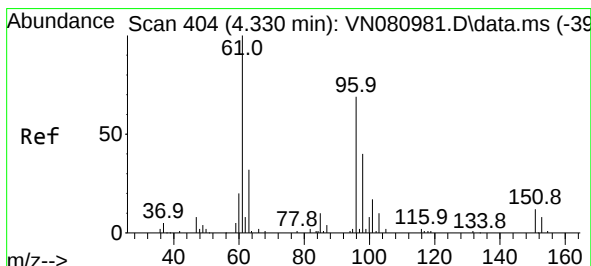
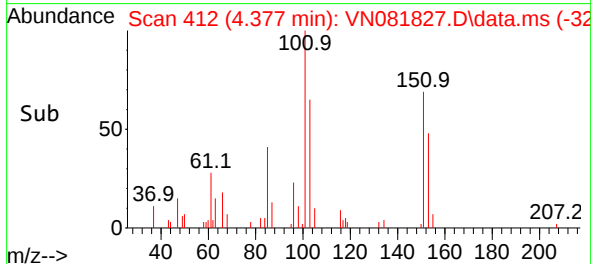
Manual Integrations
APPROVED

Reviewed By :John
Carlone



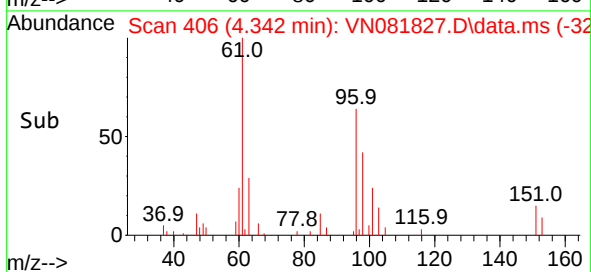
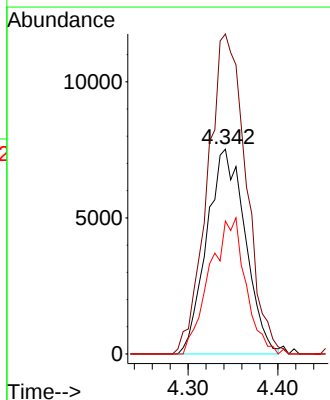
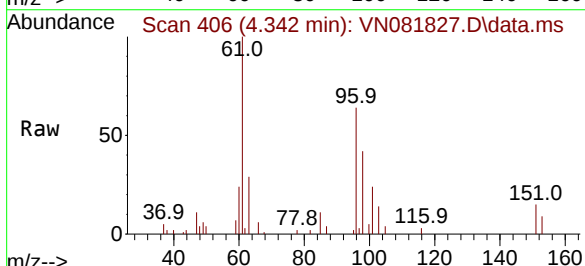
04/23/2024
Supervised By :Mahesh
Dadoda

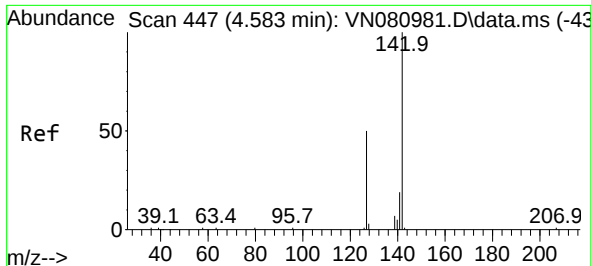
04/23/2024



#10
1,1-Dichloroethene
Concen: 13.480 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

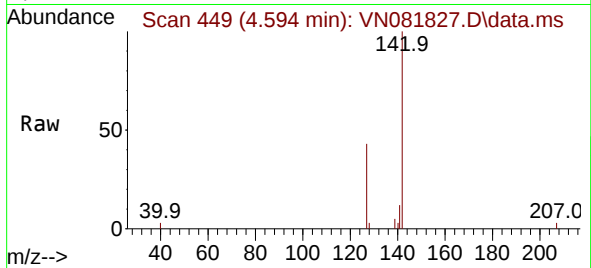
Tgt Ion: 96 Resp: 22432
Ion Ratio Lower Upper
96 100
61 153.9 117.6 176.4
98 64.9 48.4 72.6





#11
Methyl Iodide
Concen: 13.167 ug/l
RT: 4.594 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

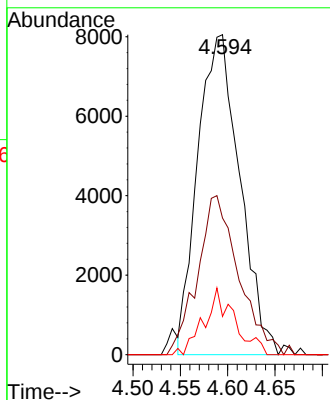
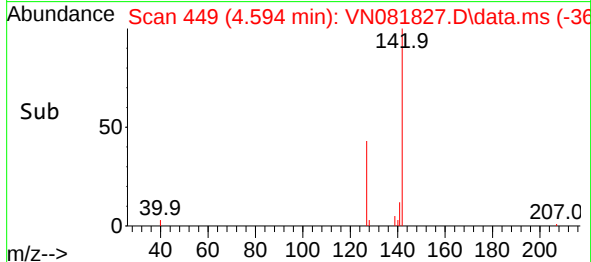
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 24814
Ion Ratio Lower Upper
142 100
127 39.1 26.3 78.9
141 11.3 8.3 24.9

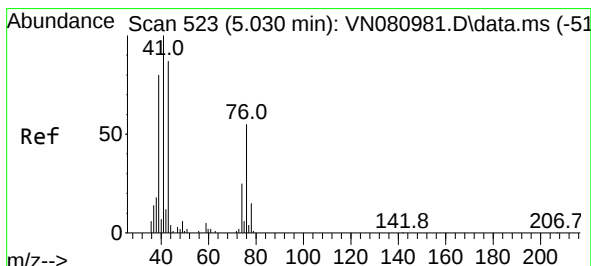
Manual Integrations
APPROVED

Reviewed By :John
Carlone



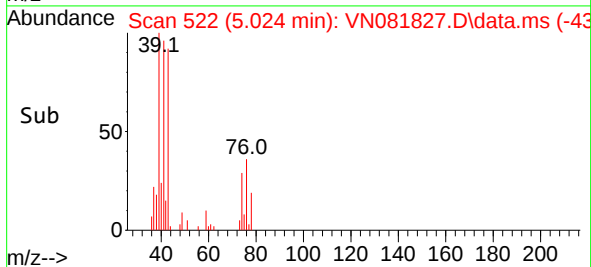
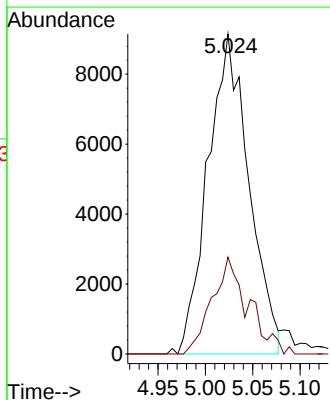
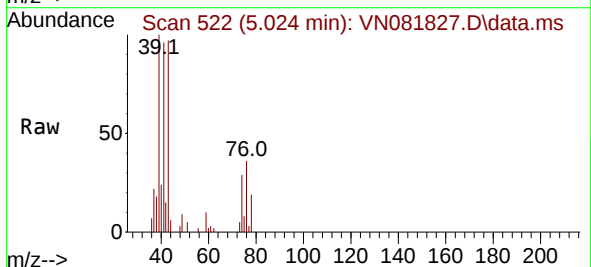
04/23/2024
Supervised By :Mahesh
Dadoda

04/23/2024



#12
Methyl Acetate
Concen: 17.991 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

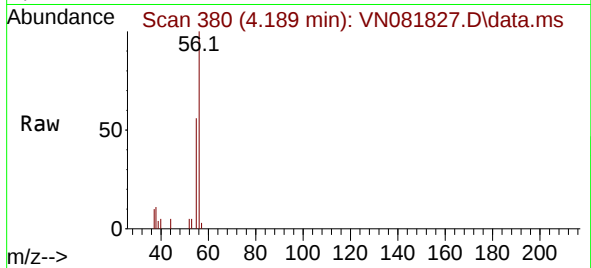
Tgt Ion: 43 Resp: 27491
Ion Ratio Lower Upper
43 100
74 29.2 27.7 41.5





#13
Acrolein
Concen: 83.006 ug/l m
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

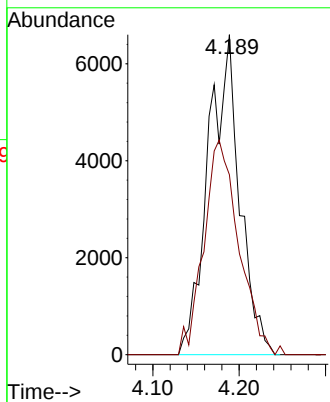
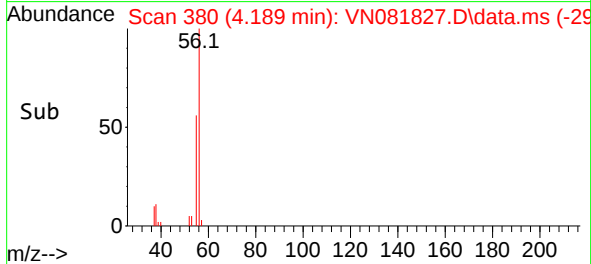
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 1670
Ion Ratio Lower Upper
56 100
55 74.3 55.5 83.3

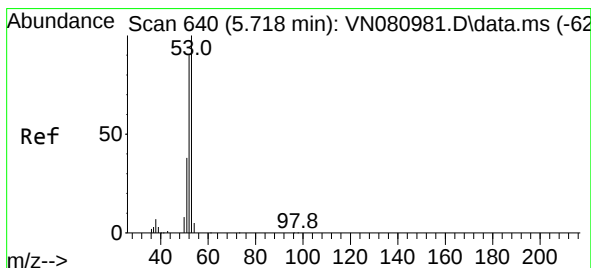
Manual Integrations
APPROVED

Reviewed By :John
Carlone

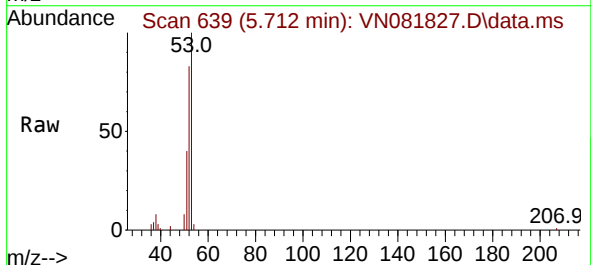


04/23/2024
Supervised By :Mahesh
Dadoda

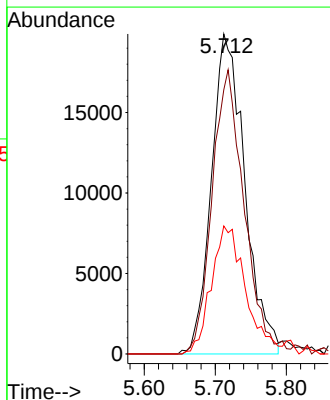
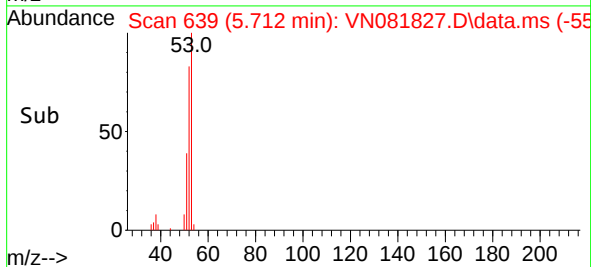
04/23/2024

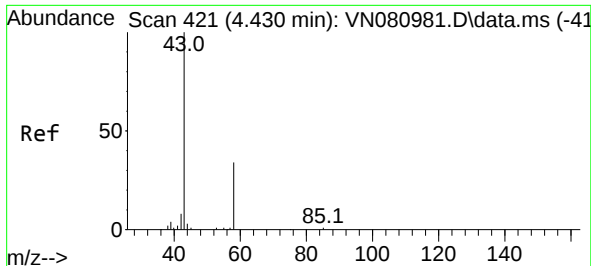


#14
Acrylonitrile
Concen: 85.161 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



Tgt Ion: 53 Resp: 64776
Ion Ratio Lower Upper
53 100
52 84.3 41.3 123.9
51 41.2 16.8 50.3





#15

Acetone

Concen: 87.559 ug/l m

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 1464

Ion Ratio Lower Upper

58 100

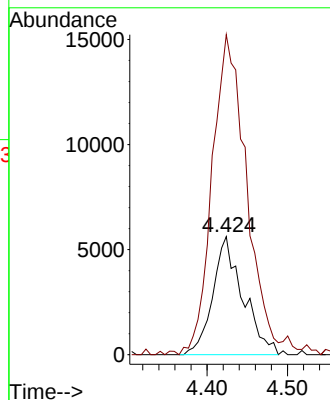
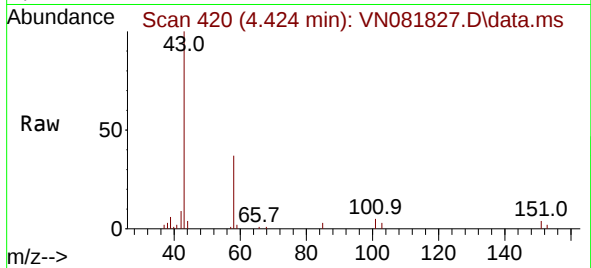
43 271.1 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John

Carlone

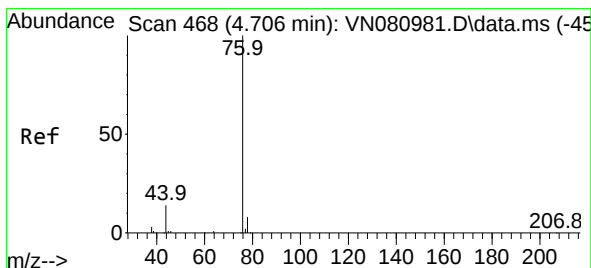
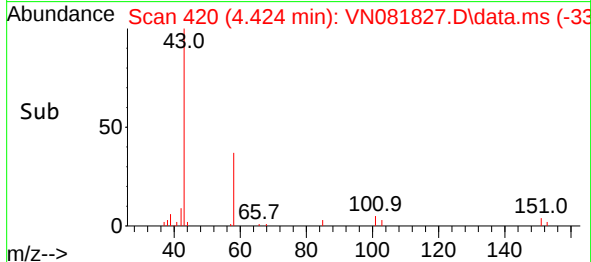


04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#16

Carbon Disulfide

Concen: 13.251 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN081827.D

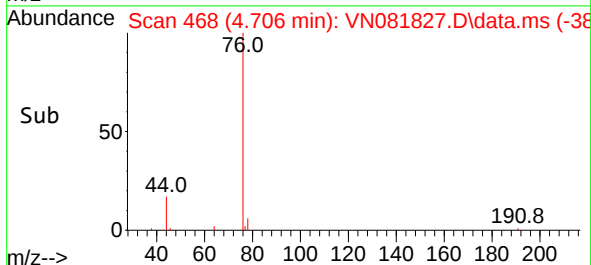
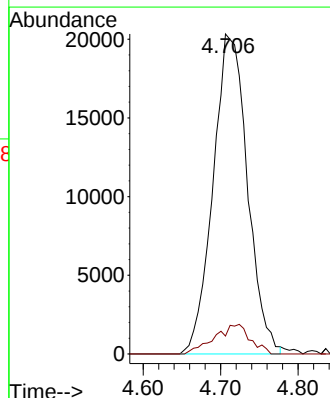
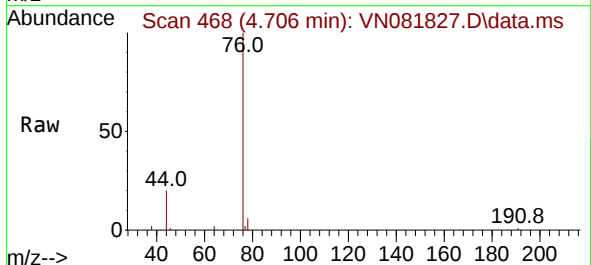
Acq: 22 Apr 2024 16:33

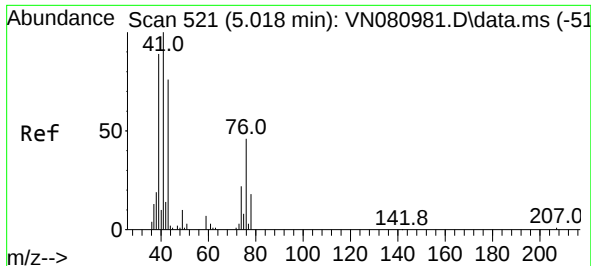
Tgt Ion: 76 Resp: 62706

Ion Ratio Lower Upper

76 100

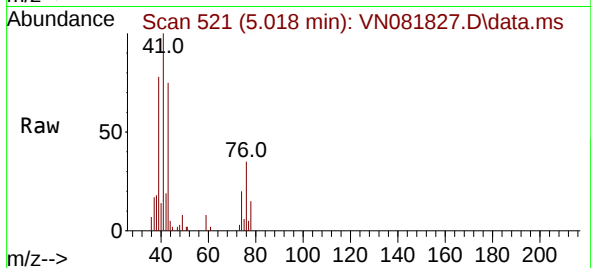
78 5.6 6.3 9.5#





#17
 Allyl chloride
 Concen: 16.514 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33

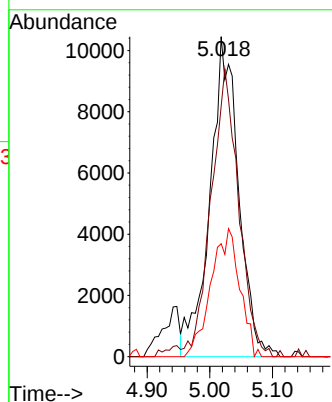
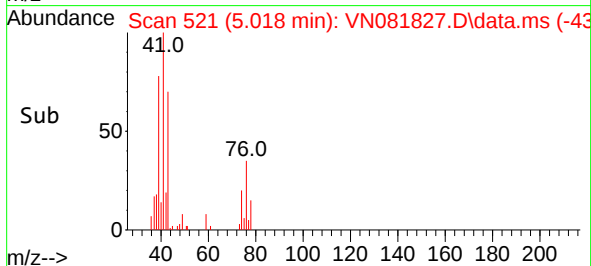
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:	41	Resp:	3324
Ion	Ratio	Lower	Upper
41	100		
39	78.3	37.6	112.9
76	35.3	27.8	83.4

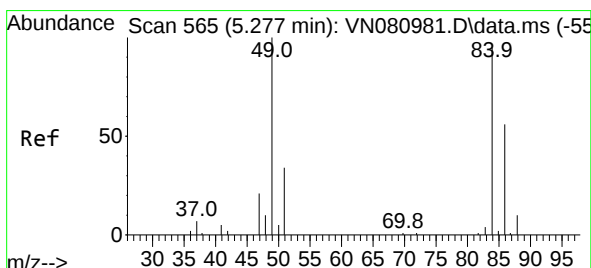
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

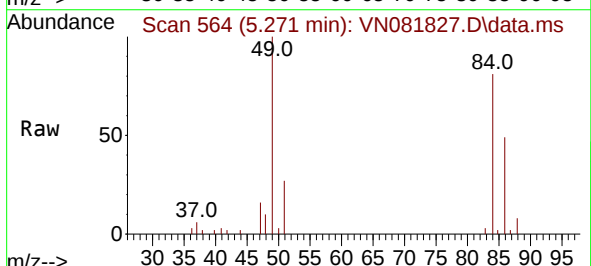


04/23/2024
 Supervised By :Mahesh
 Dadoda

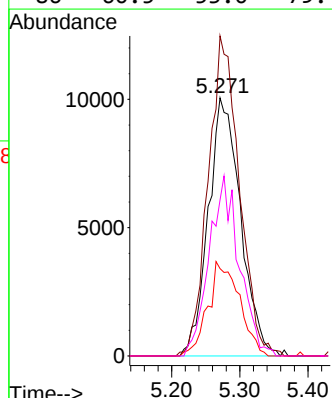
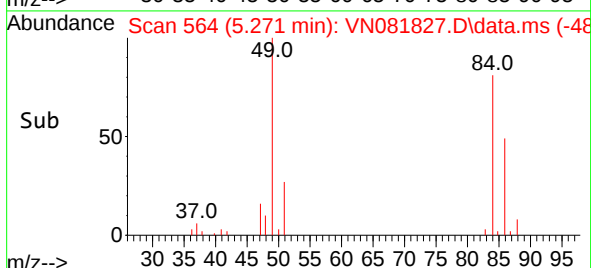
04/23/2024

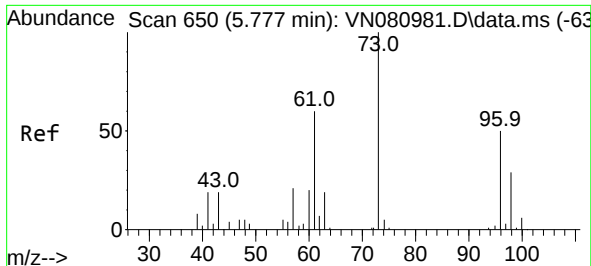


#18
 Methylene Chloride
 Concen: 17.291 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.012 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33



Tgt Ion:	84	Resp:	33134
Ion	Ratio	Lower	Upper
84	100		
49	122.5	86.0	129.0
51	33.9	30.0	45.0
86	60.5	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 15.286 ug/l m

RT: 5.789 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 27890

Ion Ratio Lower Upper

96 100

61 111.4 111.8 167.6

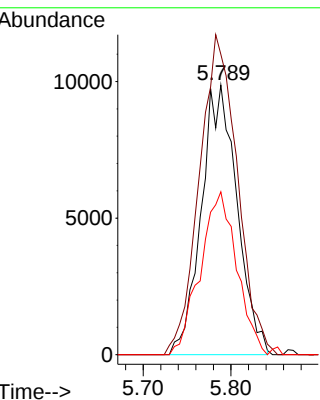
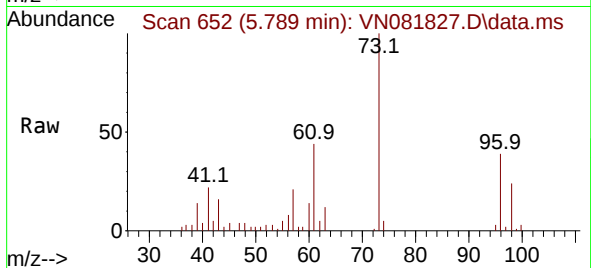
98 60.4 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John

Carlone

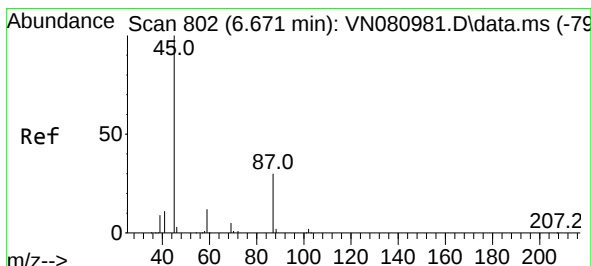
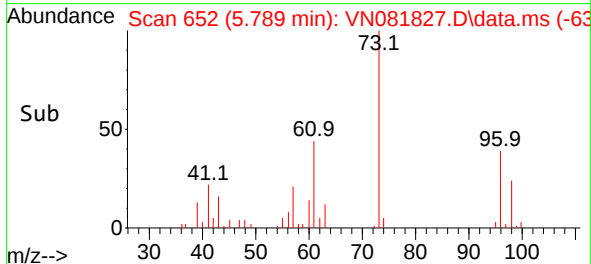


04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#20

Diisopropyl ether

Concen: 19.233 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Tgt Ion: 45 Resp: 92178

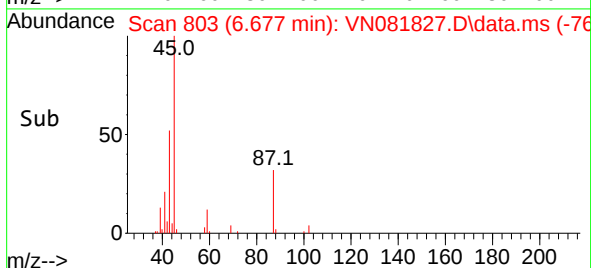
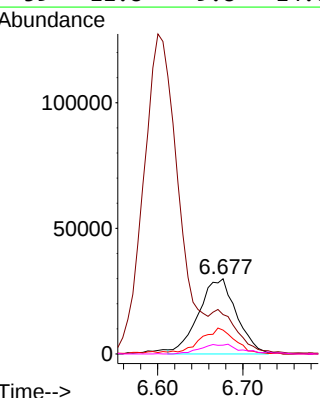
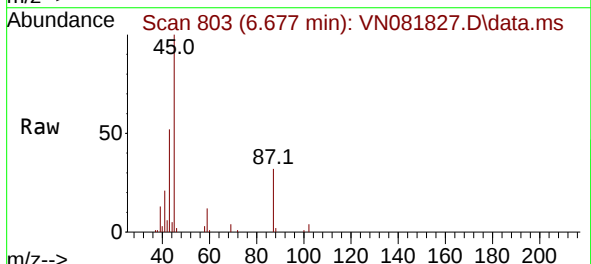
Ion Ratio Lower Upper

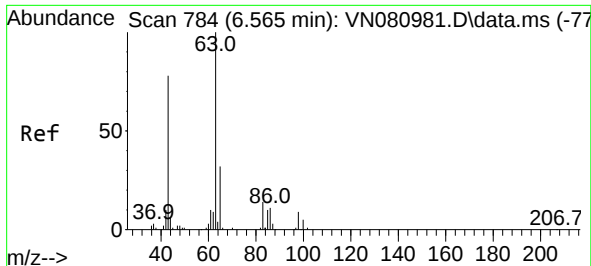
45 100

43 48.9 40.4 60.6

87 31.6 23.8 35.8

59 11.8 9.8 14.6





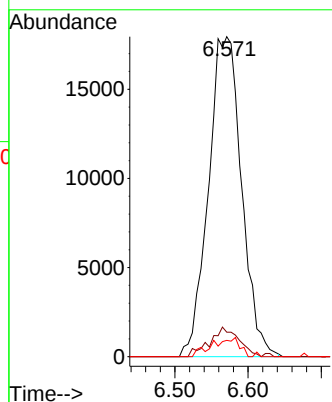
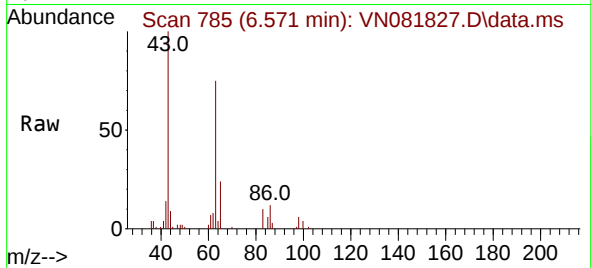
#21
1,1-Dichloroethane
Concen: 17.650 ug/l m
RT: 6.571 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 56399
Ion Ratio Lower Upper
63 100
98 7.6 4.1 12.3
100 5.1 3.0 9.0

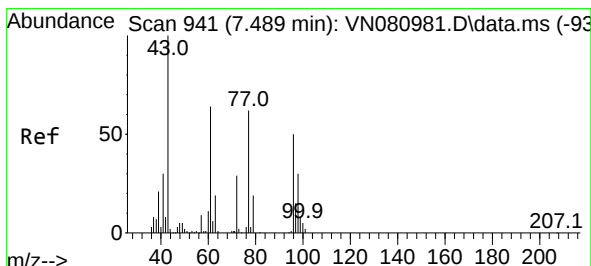
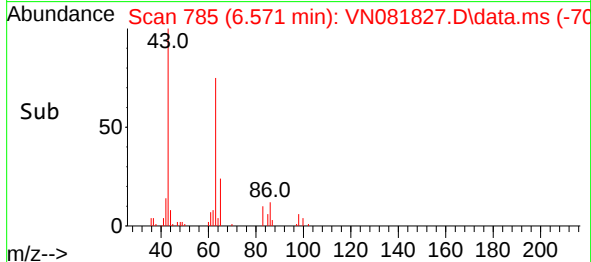
Manual Integrations
APPROVED

Reviewed By :John
Carlone



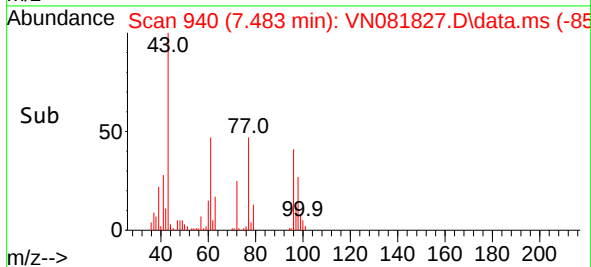
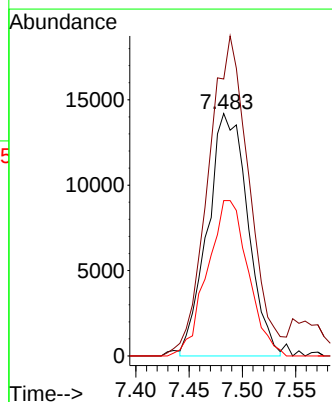
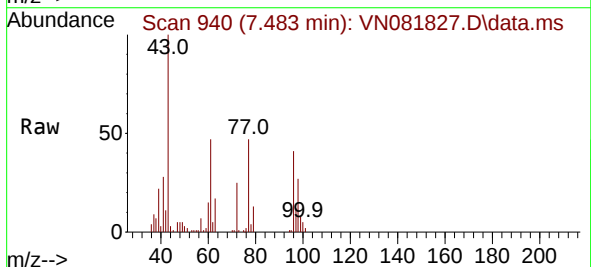
04/23/2024
Supervised By :Mahesh
Dadoda

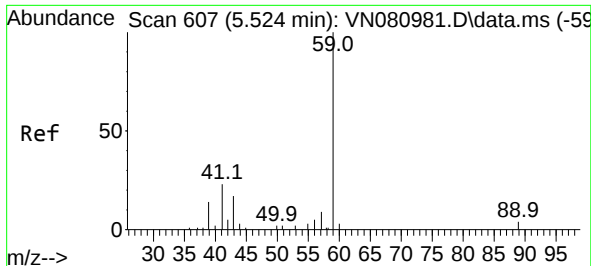
04/23/2024



#22
cis-1,2-Dichloroethene
Concen: 16.873 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

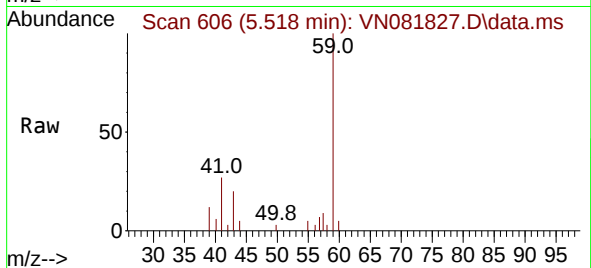
Tgt Ion: 96 Resp: 37183
Ion Ratio Lower Upper
96 100
61 135.5 113.5 170.3
98 65.3 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 80.050 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

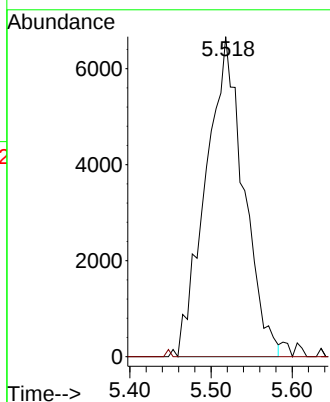
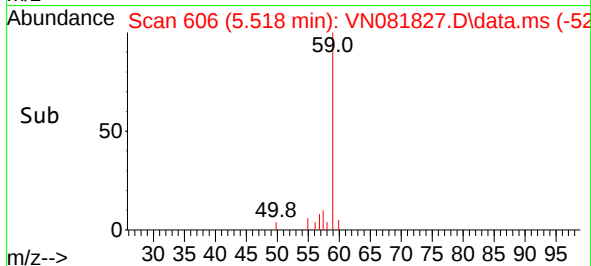
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 2161
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

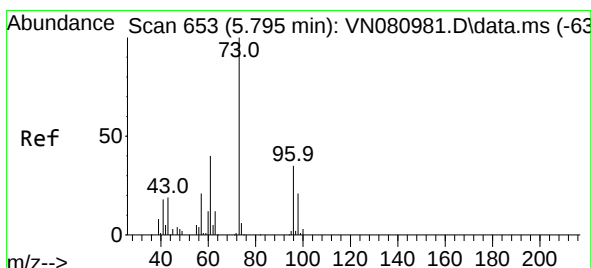
Manual Integrations
APPROVED

Reviewed By :John
Carlone



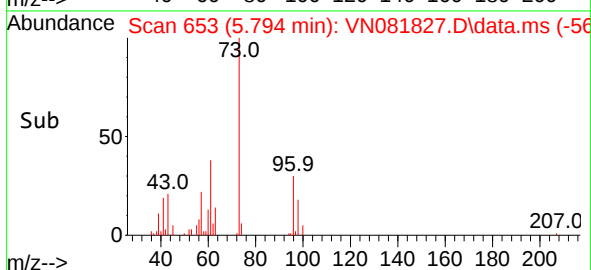
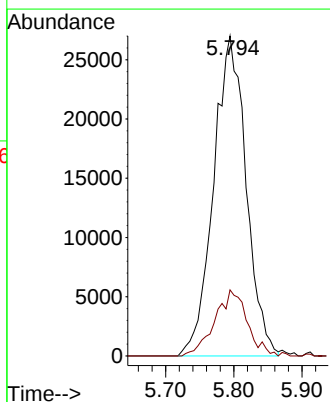
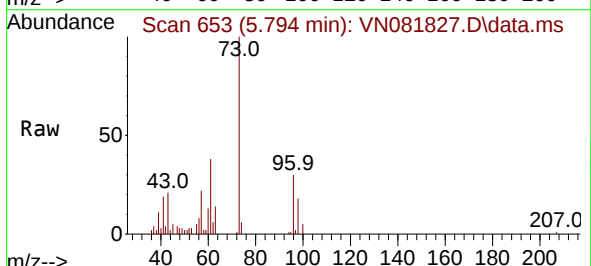
04/23/2024
Supervised By :Mahesh
Dadoda

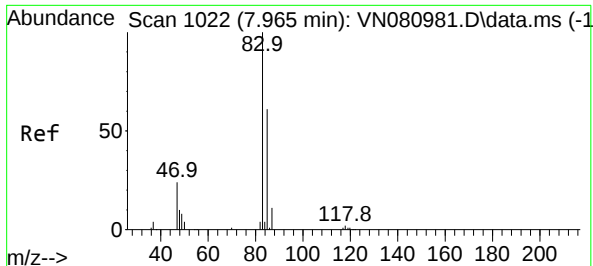
04/23/2024



#24
Methyl tert-Butyl Ether
Concen: 17.264 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 73 Resp: 89851
Ion Ratio Lower Upper
73 100
43 9.1 13.4 20.2#





#25

Chloroform

Concen: 18.657 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 67834

Ion Ratio Lower Upper

83 100

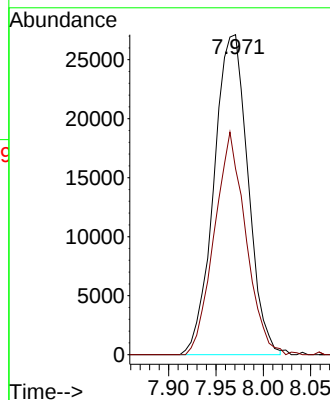
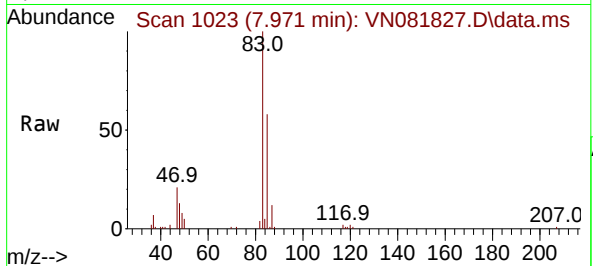
85 58.1 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John

Carlone

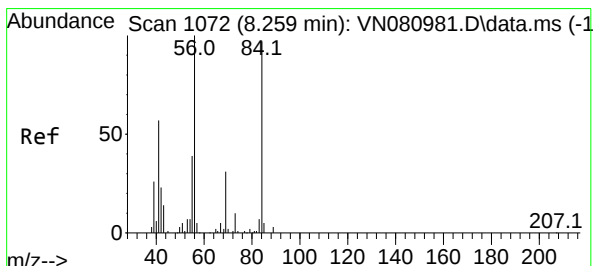
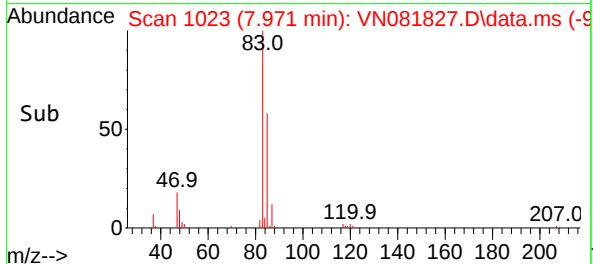


04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#26

Cyclohexane

Concen: 13.070 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

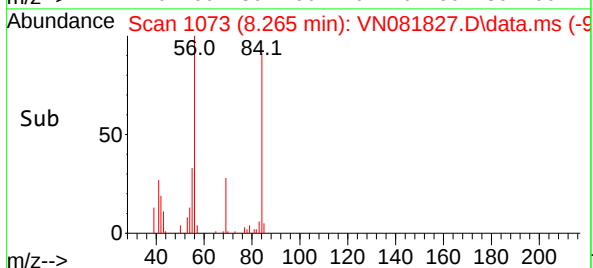
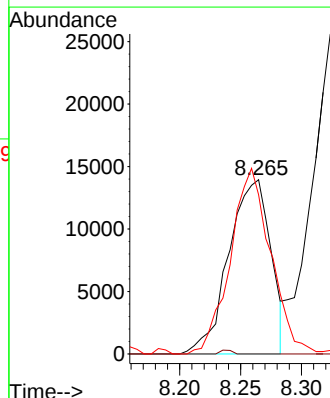
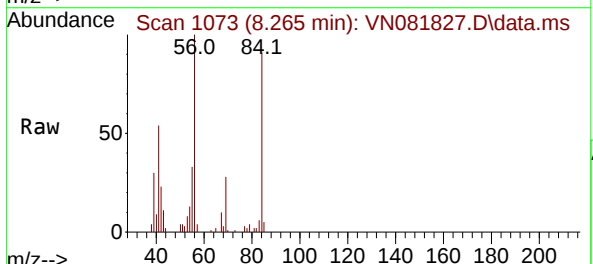
Tgt Ion: 56 Resp: 33482

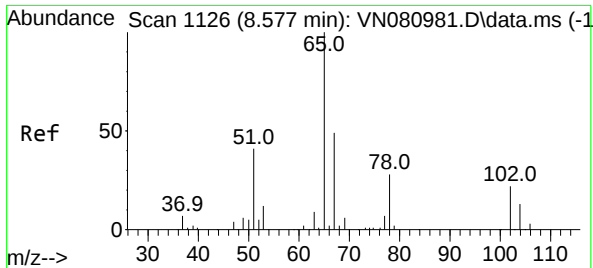
Ion Ratio Lower Upper

56 100

89 0.6 19.3 28.9#

84 102.4 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.682 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

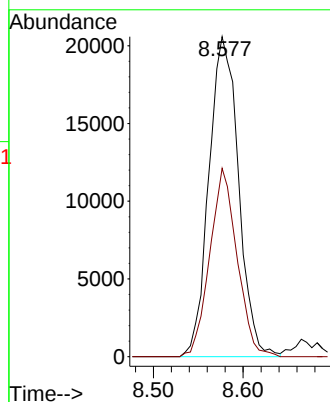
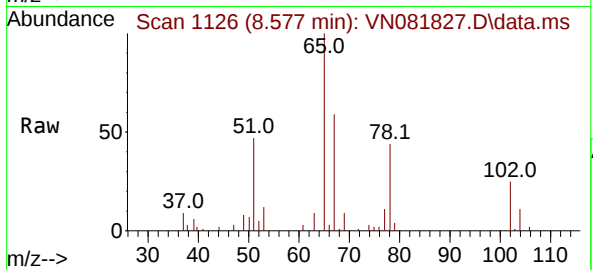
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 4712
Ion Ratio Lower Upper
65 100
67 54.3 43.2 64.8

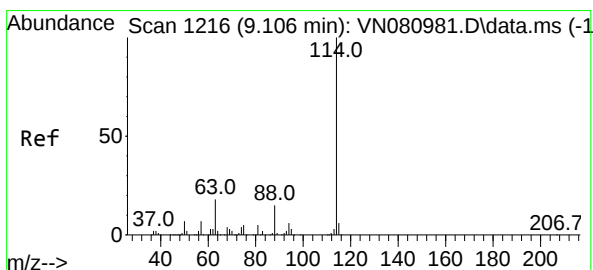
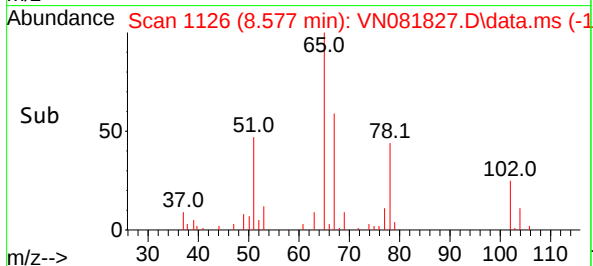
Manual Integrations
APPROVED

Reviewed By :John
Carlone



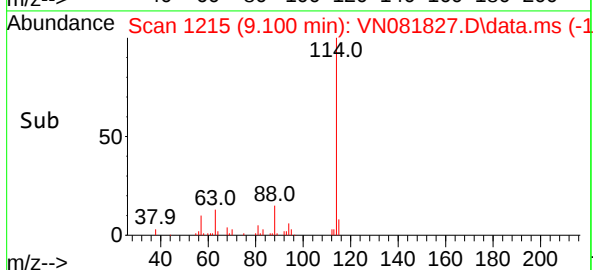
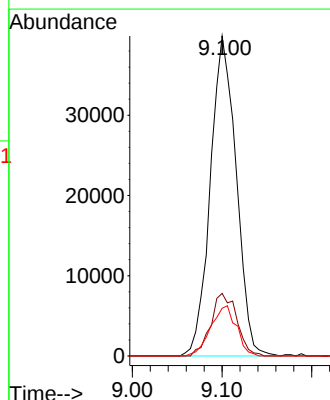
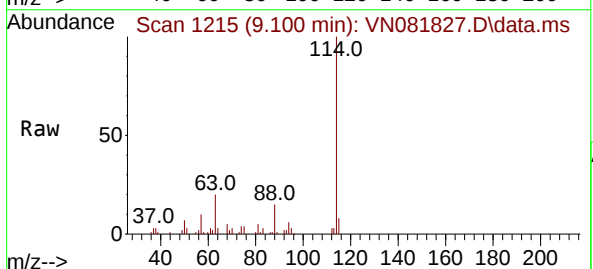
04/23/2024
Supervised By :Mahesh
Dadoda

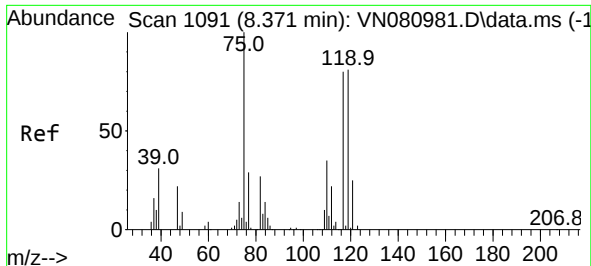
04/23/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:114 Resp: 79847
Ion Ratio Lower Upper
114 100
63 19.7 15.9 23.9
88 15.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.634 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

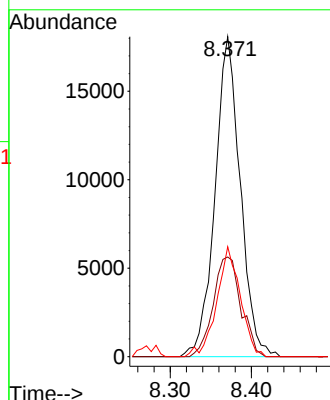
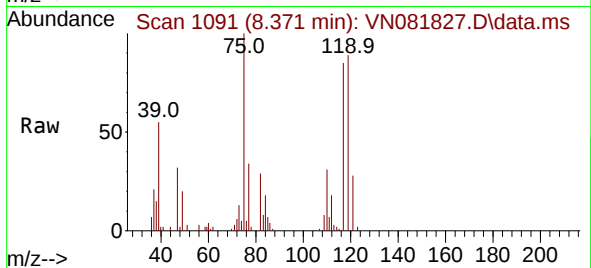
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3911
Ion Ratio Lower Upper
75 100
110 34.2 0.0 70.2
77 31.2 0.0 61.4

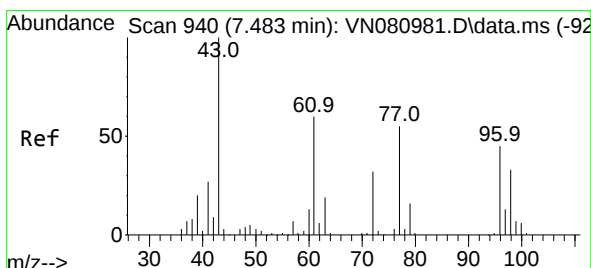
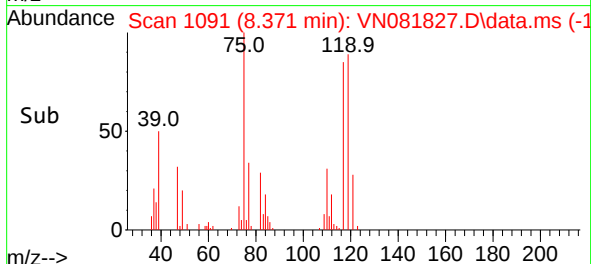
Manual Integrations
APPROVED

Reviewed By :John
Carlone



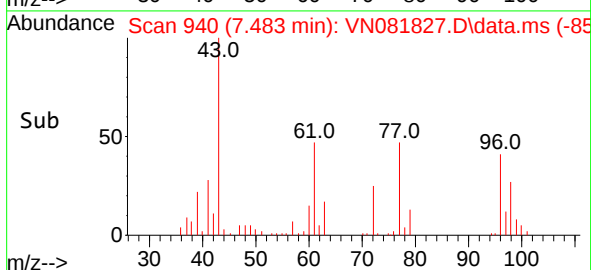
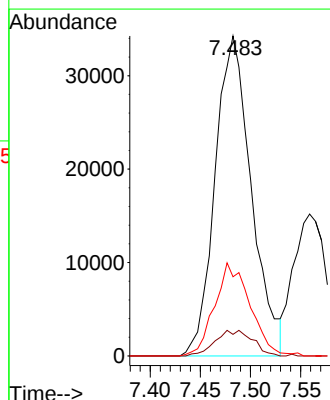
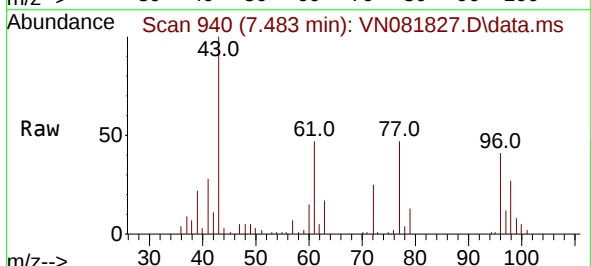
04/23/2024
Supervised By :Mahesh
Dadoda

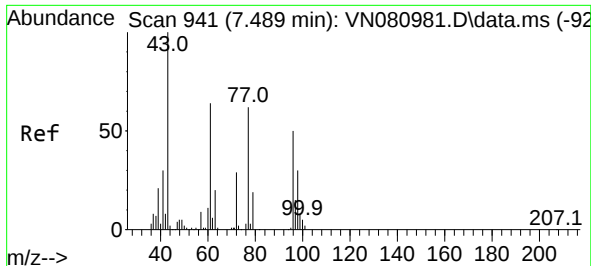
04/23/2024



#30
2-Butanone
Concen: 107.477 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

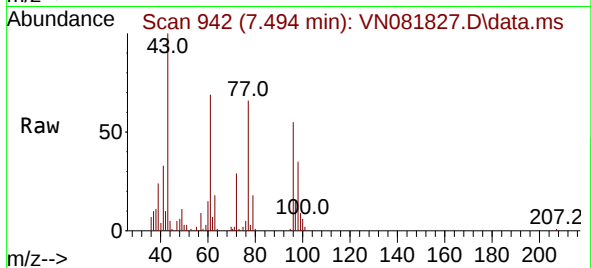
Tgt Ion: 43 Resp: 86164
Ion Ratio Lower Upper
43 100
57 4.4 6.7 10.1#
72 28.3 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.080 ug/l m
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

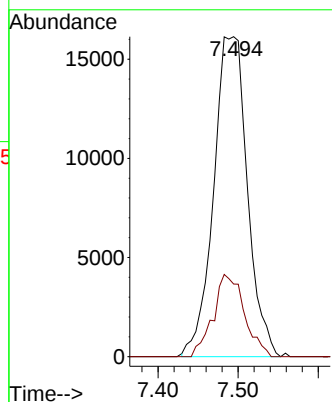
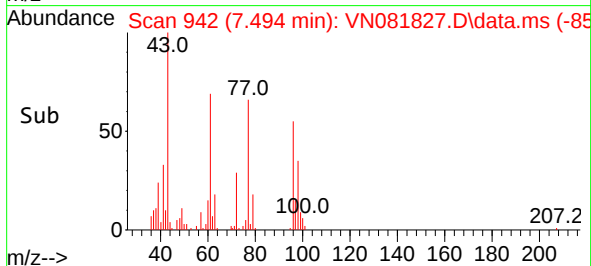
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 4727
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5

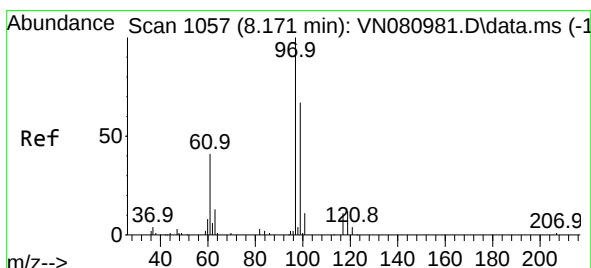
Manual Integrations
APPROVED

Reviewed By :John
Carlone

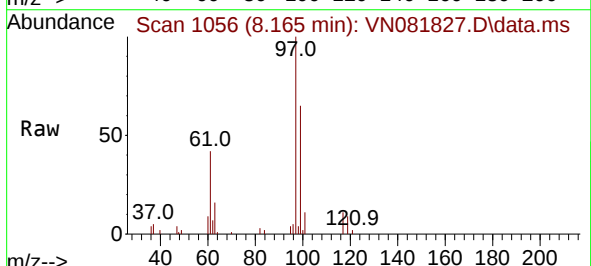


04/23/2024
Supervised By :Mahesh
Dadoda

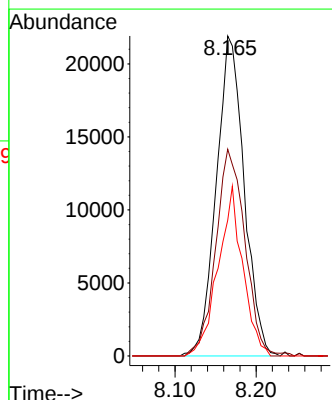
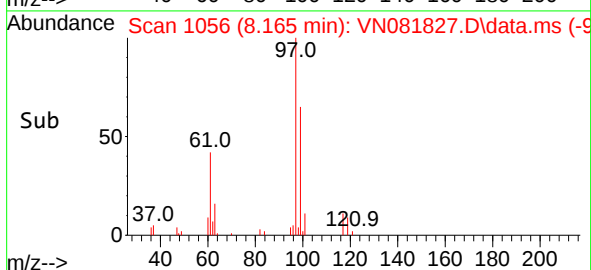
04/23/2024

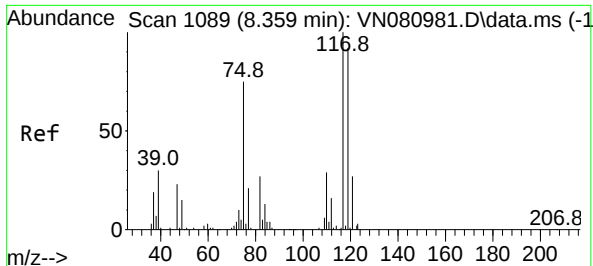


#32
1,1,1-Trichloroethane
Concen: 18.055 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



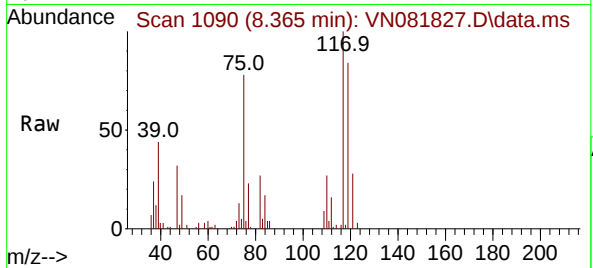
Tgt Ion: 97 Resp: 52235
Ion Ratio Lower Upper
97 100
99 67.5 51.0 76.4
61 47.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.401 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

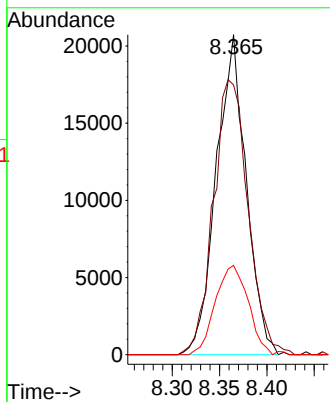
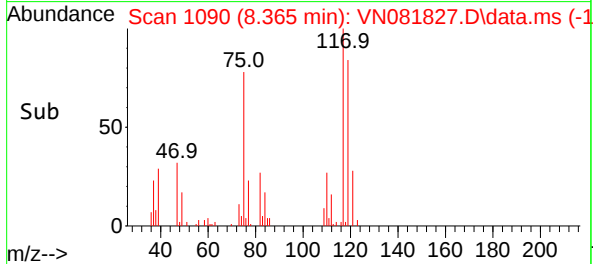
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 45634
Ion Ratio Lower Upper
117 100
119 84.3 77.7 116.5
121 27.9 27.0 40.6

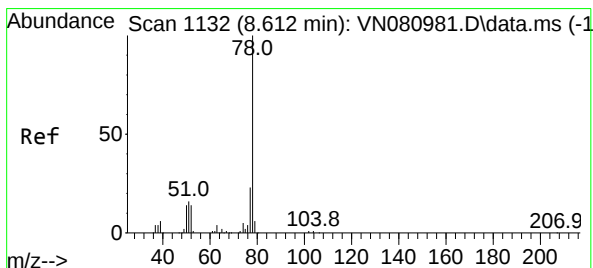
Manual Integrations
APPROVED

Reviewed By :John
Carlone



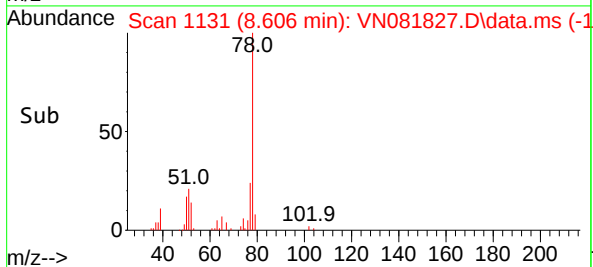
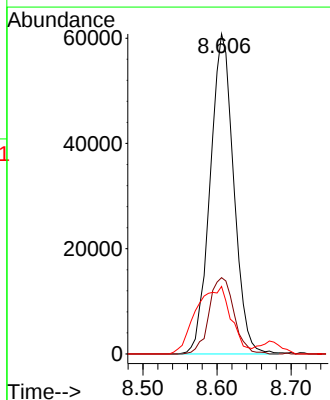
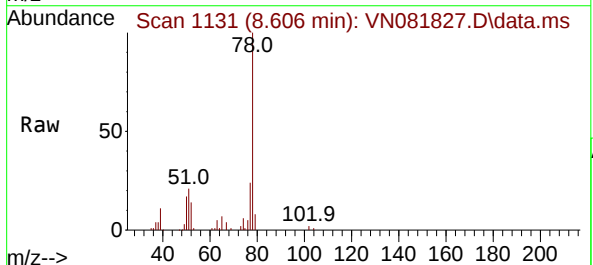
04/23/2024
Supervised By :Mahesh
Dadoda

04/23/2024



#34
Benzene
Concen: 19.866 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 78 Resp: 134336
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8
51 19.5 13.3 19.9





#35
Methacrylonitrile
Concen: 23.145 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

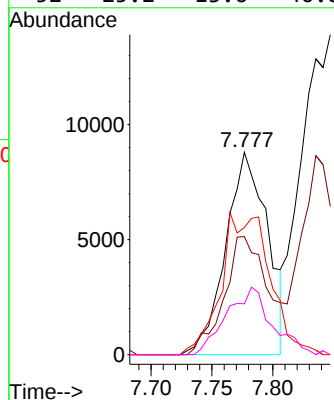
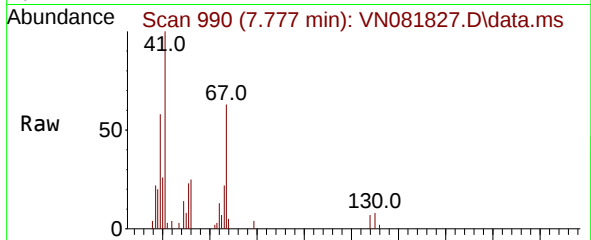
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41	Resp: 2101
Ion Ratio	Lower Upper
41	100
39	58.4 25.3 75.9
67	62.8 38.7 116.1
52	25.2 13.6 40.8

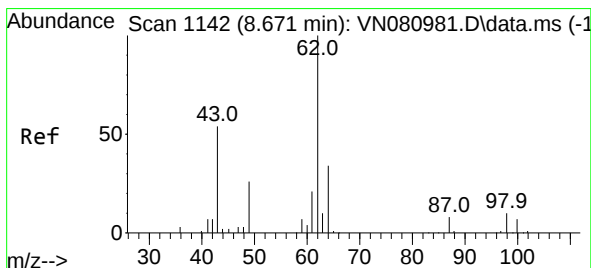
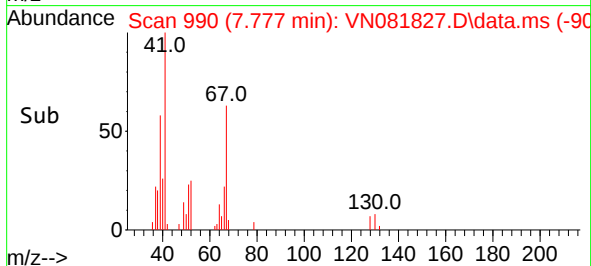
Manual Integrations
APPROVED

Reviewed By :John
Carlone



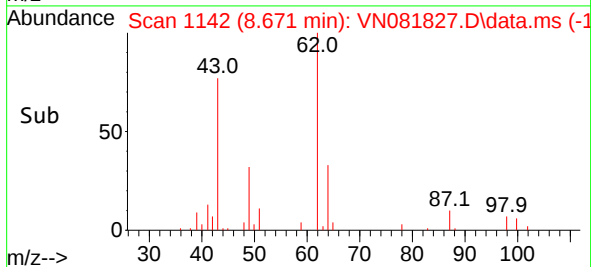
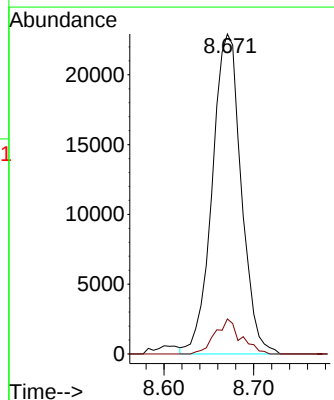
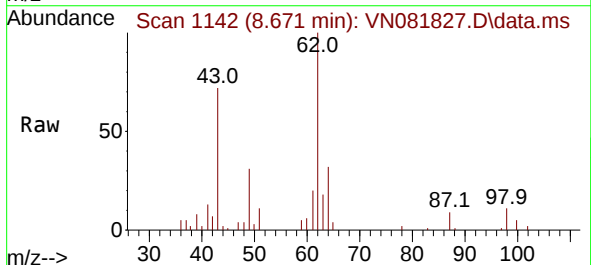
04/23/2024
Supervised By :Mahesh
Dadoda

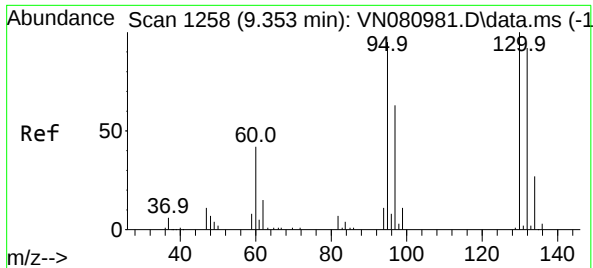
04/23/2024



#36
1,2-Dichloroethane
Concen: 23.198 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 62	Resp: 51453
Ion Ratio	Lower Upper
62	100
98	9.7 8.2 12.4





#37

Trichloroethene

Concen: 19.054 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 34090

Ion Ratio Lower Upper

130 100

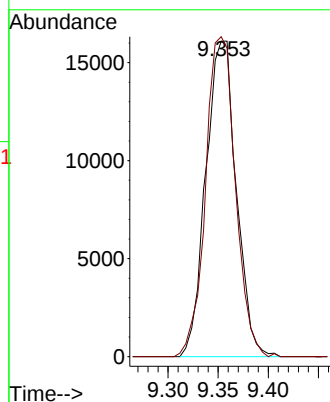
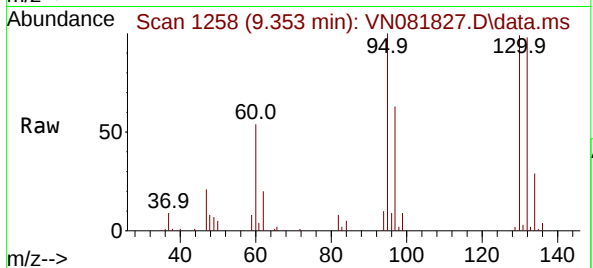
95 101.4 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John

Carlone

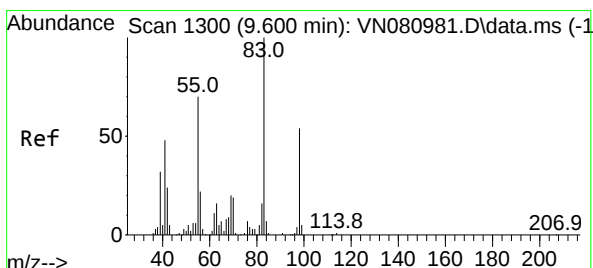
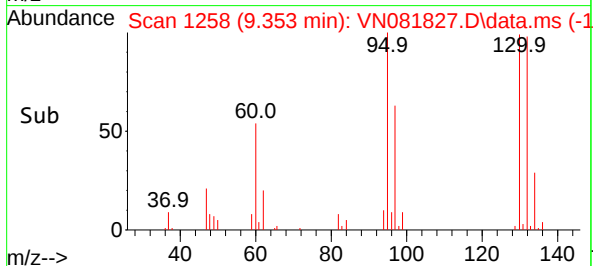


04/23/2024

Supervised By :Mahesh

Dadoda

04/23/2024



#38

Methylcyclohexane

Concen: 15.042 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

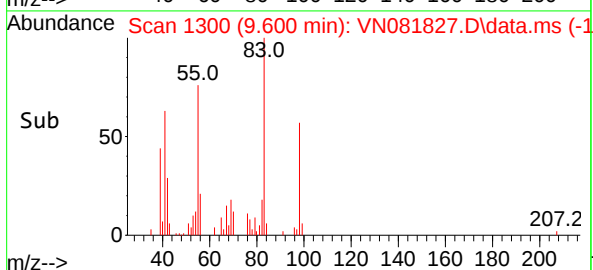
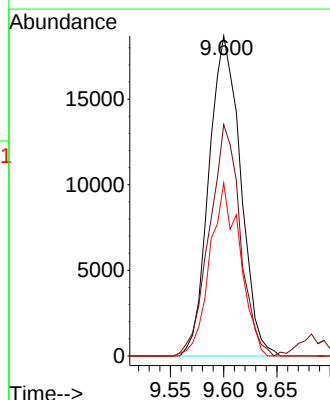
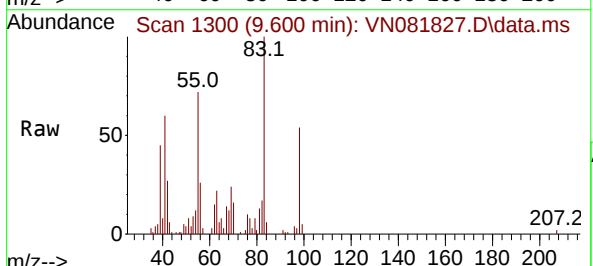
Tgt Ion: 83 Resp: 38593

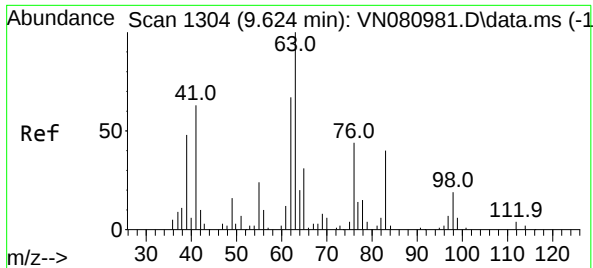
Ion Ratio Lower Upper

83 100

55 70.1 36.6 109.9

98 51.5 23.8 71.5





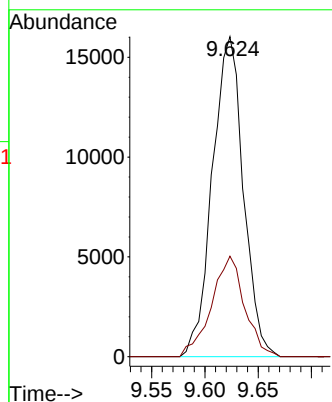
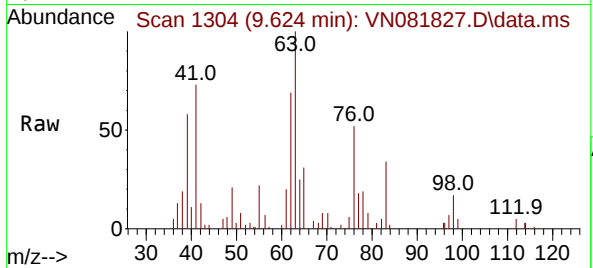
#39
1,2-Dichloropropane
Concen: 20.551 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 3242
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.4

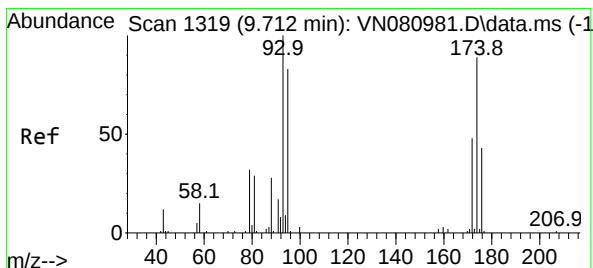
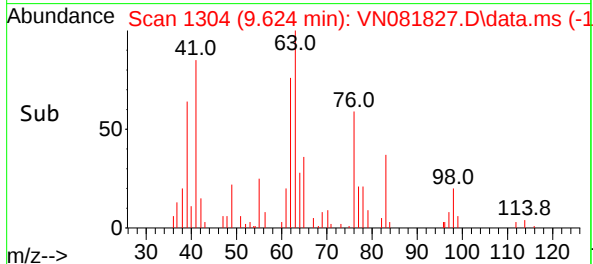
Manual Integrations
APPROVED

Reviewed By :John
Carlone



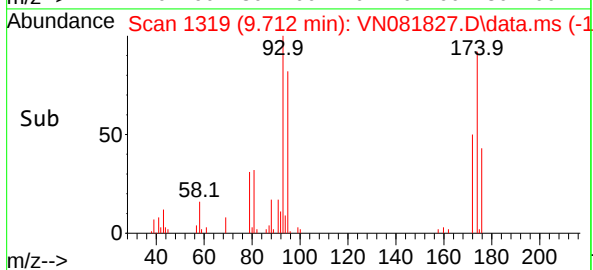
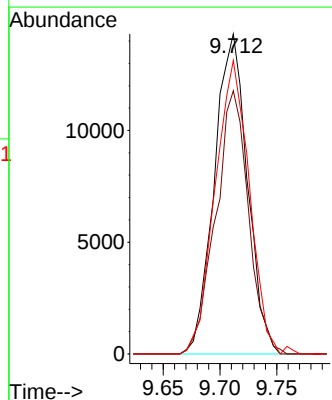
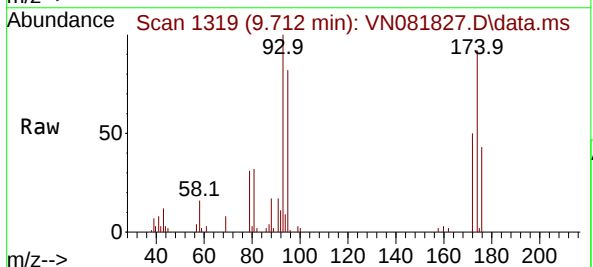
04/23/2024
Supervised By :Mahesh
Dadoda

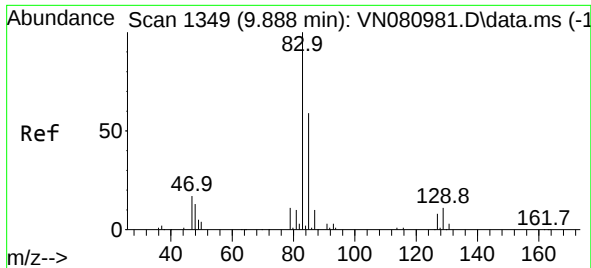
04/23/2024



#40
Dibromomethane
Concen: 23.075 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 93 Resp: 28997
Ion Ratio Lower Upper
93 100
95 81.5 0.0 164.6
174 94.5 0.0 193.2





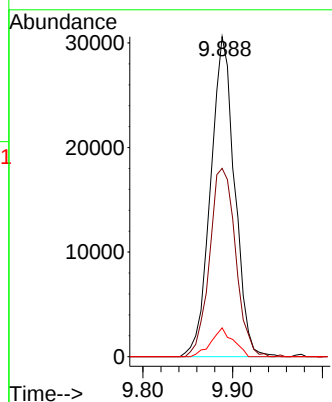
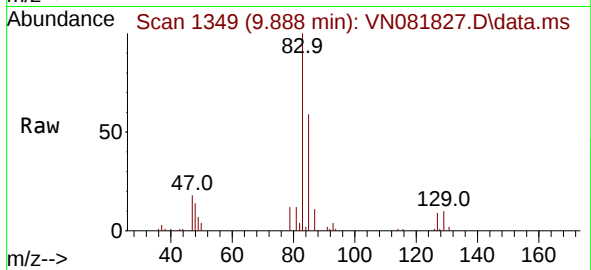
#41
Bromodichloromethane
Concen: 22.239 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 56990
Ion Ratio Lower Upper
83 100
85 58.9 49.4 74.2
127 9.0 7.3 10.9

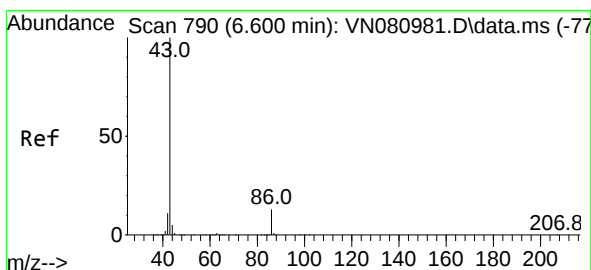
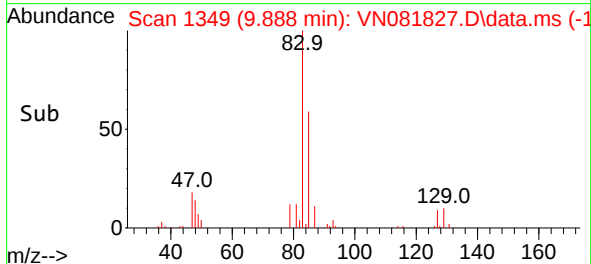
Manual Integrations
APPROVED

Reviewed By :John
Carlone



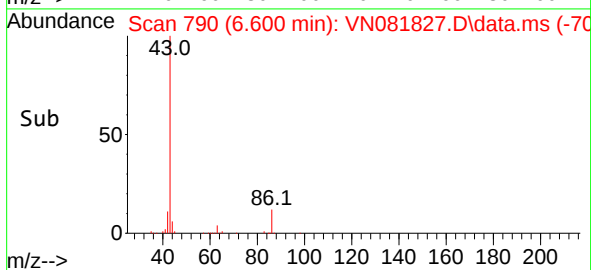
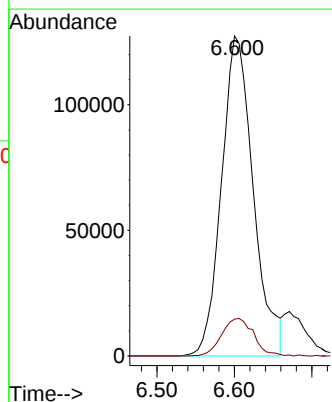
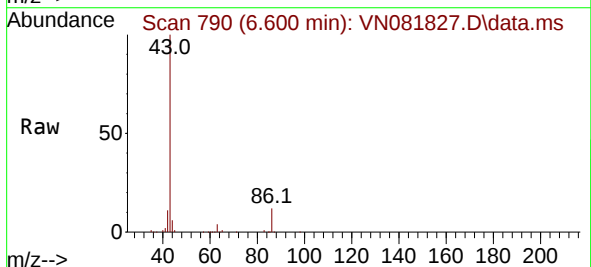
04/23/2024
Supervised By :Mahesh
Dadoda

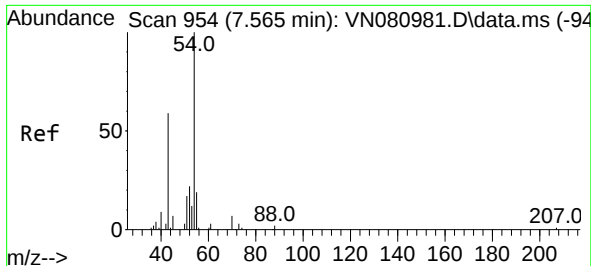
04/23/2024



#42
Vinyl Acetate
Concen: 109.092 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

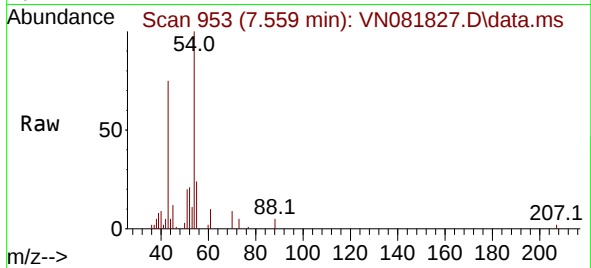
Tgt Ion: 43 Resp: 364336
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.2





#43
Ethyl Acetate
Concen: 18.966 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

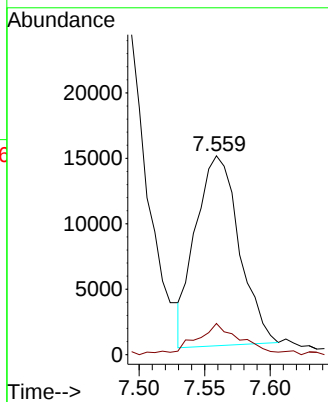
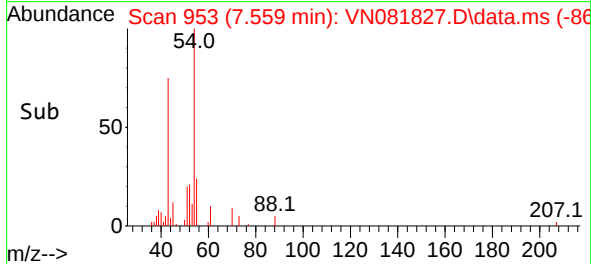
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 3351
Ion Ratio Lower Upper
43 100
45 16.0 10.6 15.8

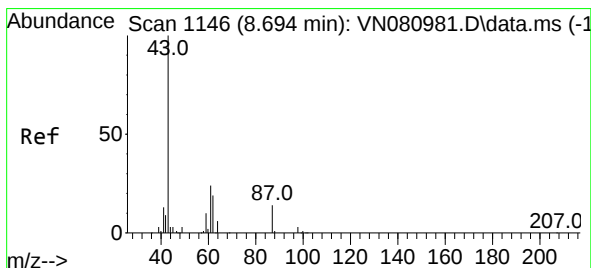
Manual Integrations
APPROVED

Reviewed By :John
Carlone

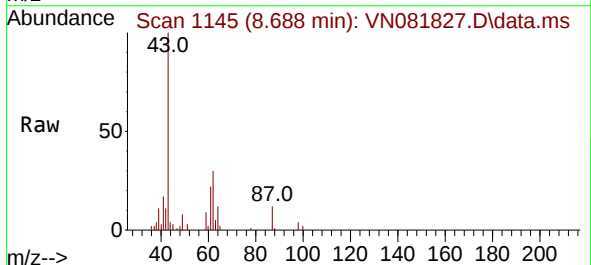


04/23/2024
Supervised By :Mahesh
Dadoda

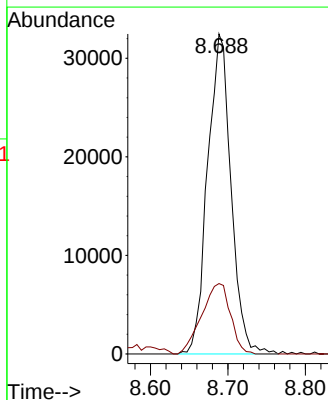
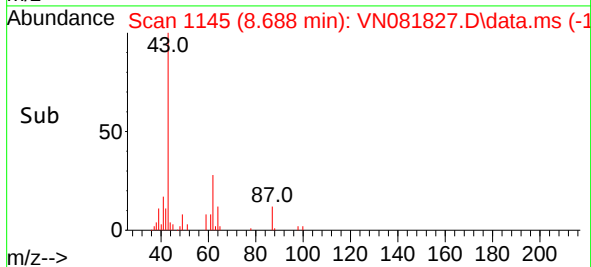
04/23/2024

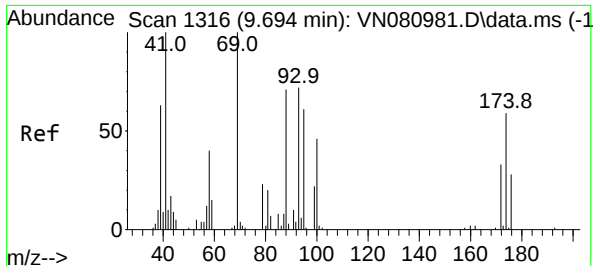


#44
Isopropyl Acetate
Concen: 22.995 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



Tgt Ion: 43 Resp: 68075
Ion Ratio Lower Upper
43 100
61 26.9 25.0 37.4





#45

1,4-Dioxane

Concen: 377.350 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

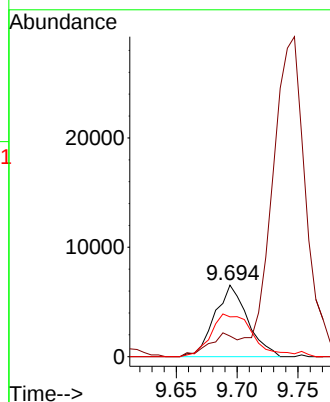
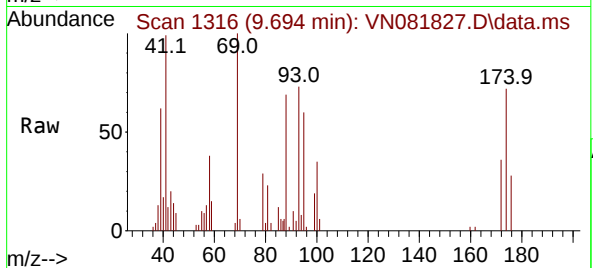
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88	Resp: 1233
Ion Ratio	Lower Upper
88	100
43	37.2 19.8 29.6
58	75.3 55.4 83.0

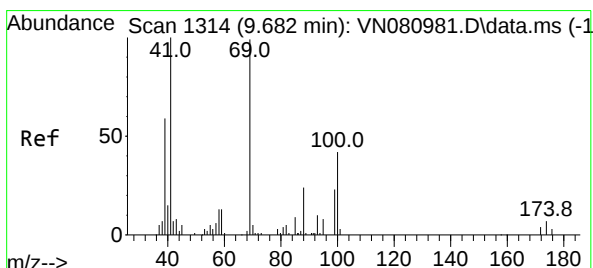
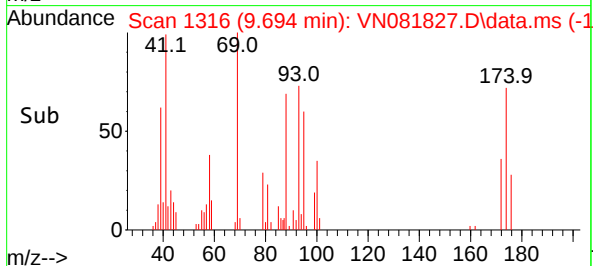
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/23/2024
Supervised By :Mahesh
Dadoda

04/23/2024



#46

Methyl methacrylate

Concen: 22.168 ug/l

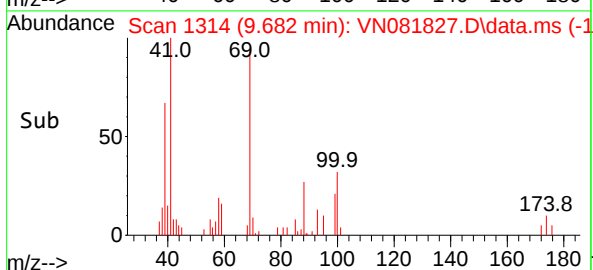
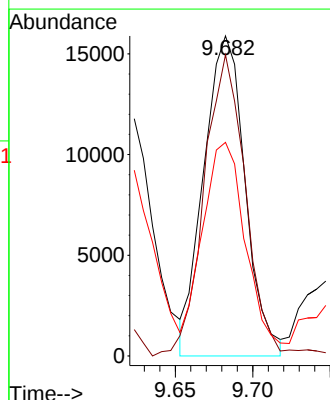
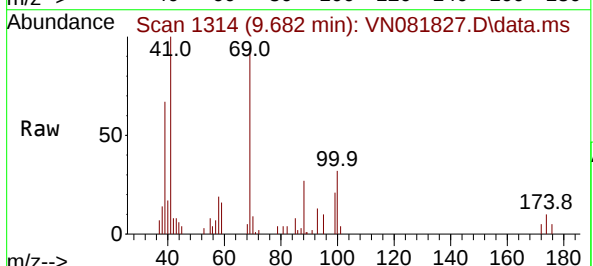
RT: 9.682 min Scan# 1314

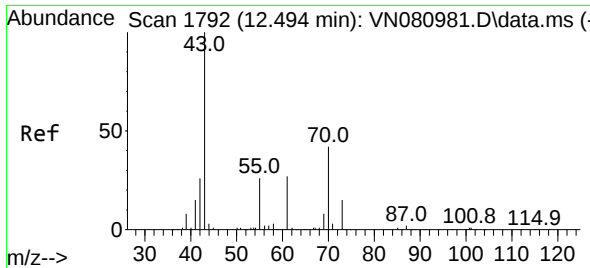
Delta R.T. -0.000 min

Lab File: VN081827.D

Acq: 22 Apr 2024 16:33

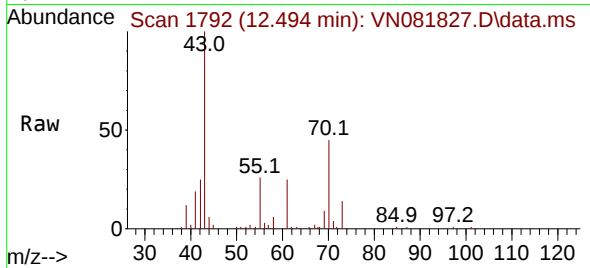
Tgt Ion: 41	Resp: 29512
Ion Ratio	Lower Upper
41	100
69	97.6 51.1 153.3
39	66.1 25.8 77.3





#47
n-amyl acetate
Concen: 23.446 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

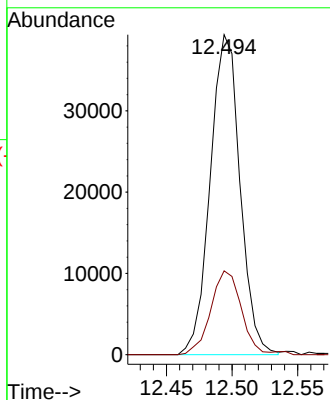
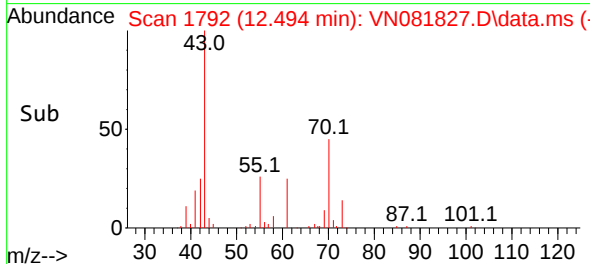
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 62284
Ion Ratio Lower Upper
43 100
55 26.7 23.4 35.2

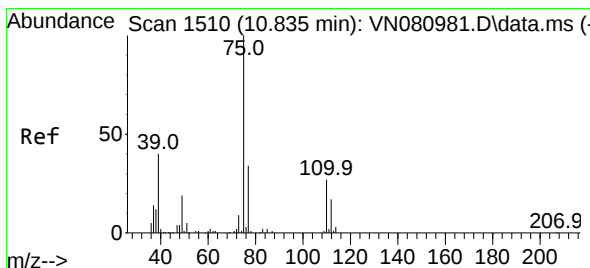
Manual Integrations
APPROVED

Reviewed By :John
Carlone

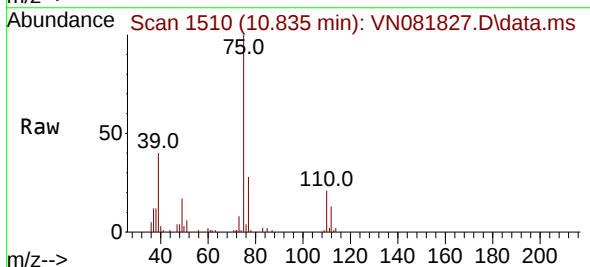


04/23/2024
Supervised By :Mahesh
Dadoda

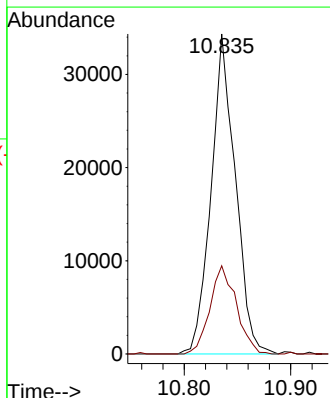
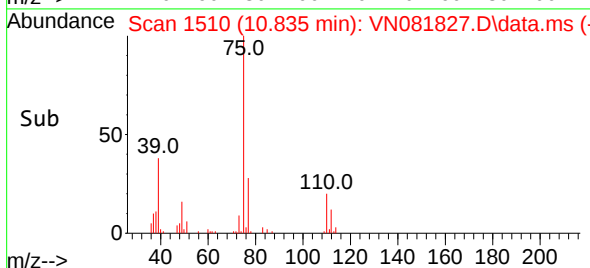
04/23/2024

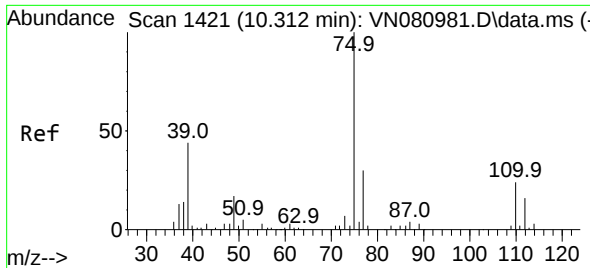


#48
t-1,3-Dichloropropene
Concen: 22.290 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



Tgt Ion: 75 Resp: 54420
Ion Ratio Lower Upper
75 100
77 27.5 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 21.368 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

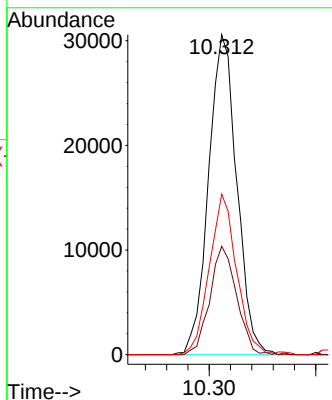
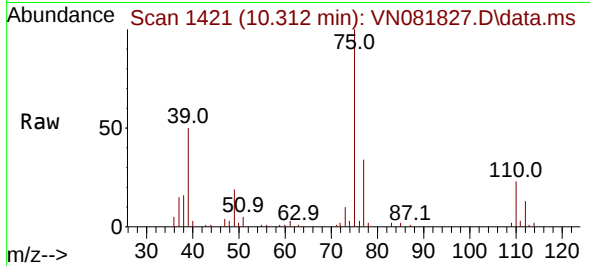
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 56180
Ion Ratio Lower Upper
75 100
77 33.8 24.9 37.3
39 50.2 31.0 46.6

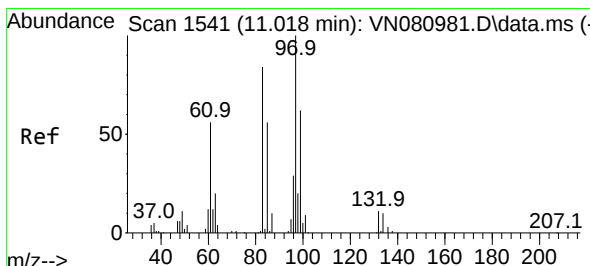
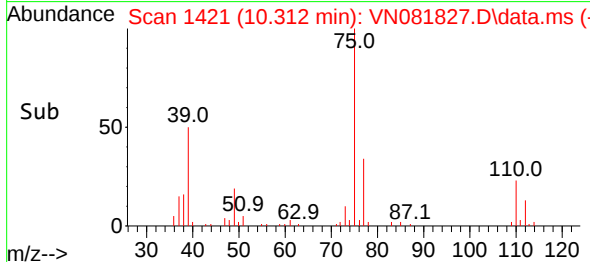
Manual Integrations
APPROVED

Reviewed By :John
Carlone



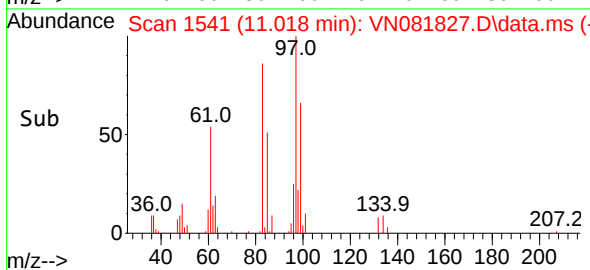
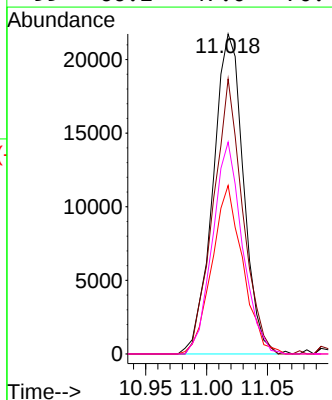
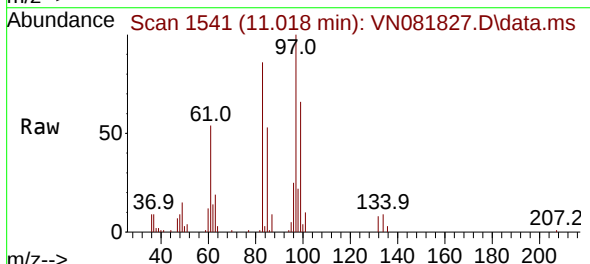
04/23/2024
Supervised By :Mahesh
Dadoda

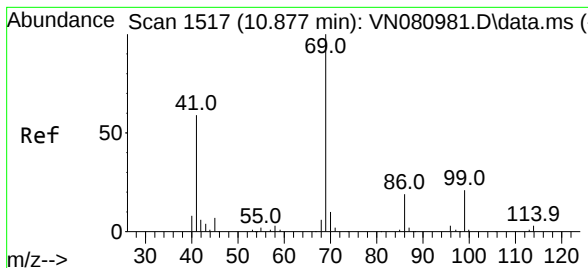
04/23/2024



#50
1,1,2-Trichloroethane
Concen: 22.520 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

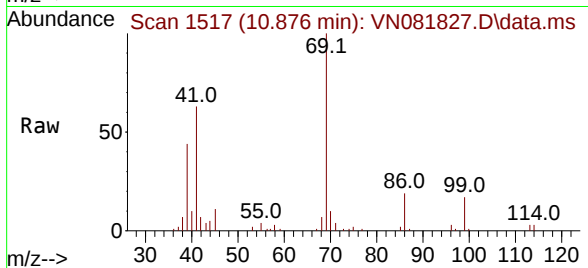
Tgt Ion: 97 Resp: 37894
Ion Ratio Lower Upper
97 100
83 85.9 68.1 102.1
85 52.7 41.8 62.6
99 66.2 47.0 70.4





#51
Ethyl methacrylate
Concen: 21.162 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

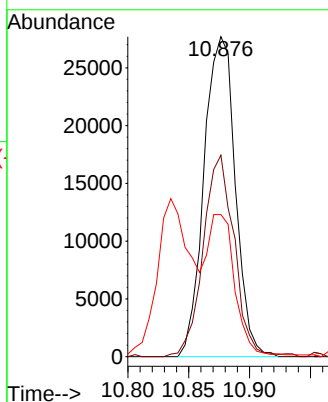
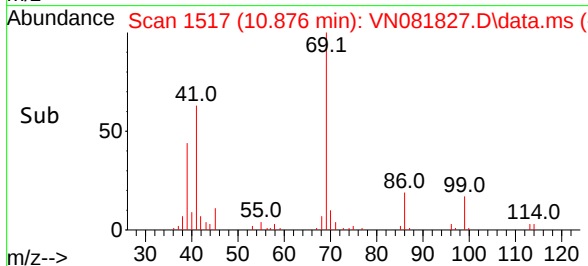
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 4958
Ion Ratio Lower Upper
69 100
41 62.3 25.5 76.5
39 43.5 16.0 47.9

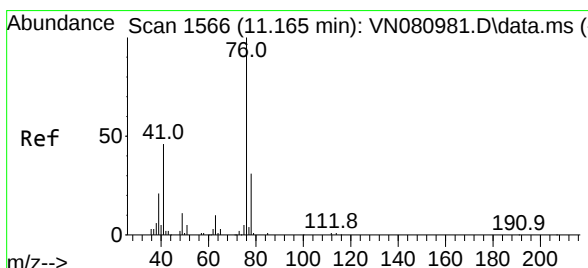
Manual Integrations
APPROVED

Reviewed By :John
Carlone



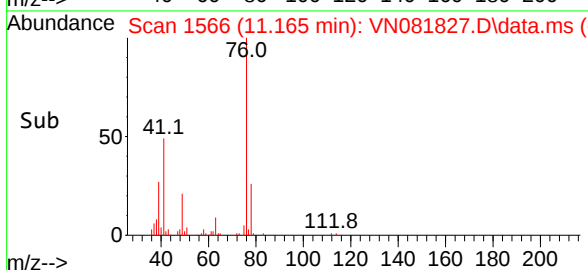
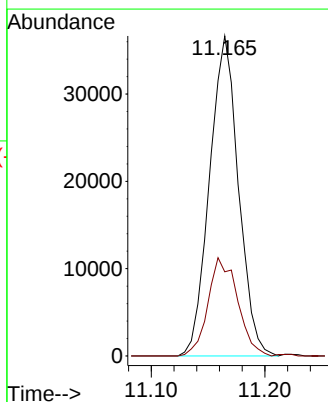
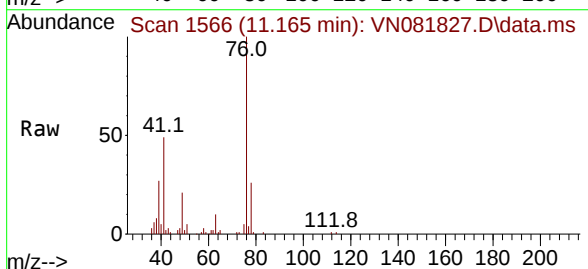
04/23/2024
Supervised By :Mahesh
Dadoda

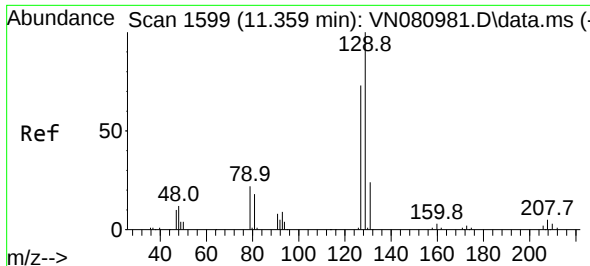
04/23/2024



#52
1,3-Dichloropropane
Concen: 23.529 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

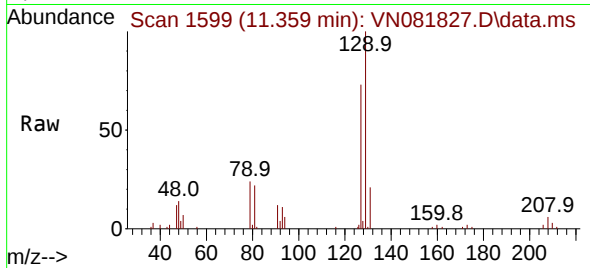
Tgt Ion: 76 Resp: 64894
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.8





#53
Dibromochloromethane
Concen: 22.545 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

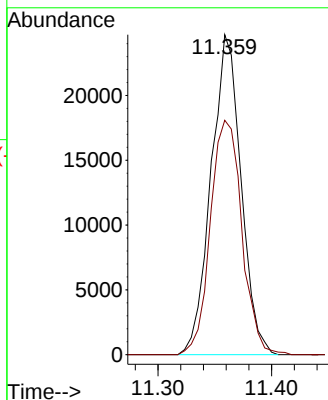
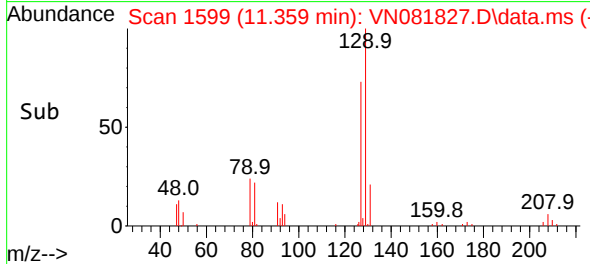
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 45310
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1

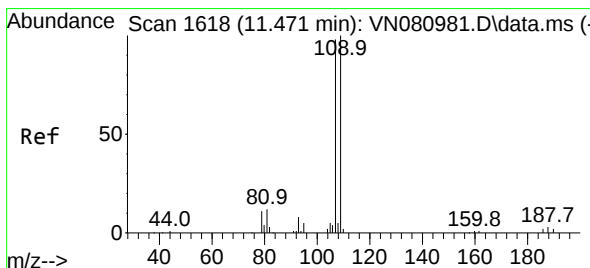
Manual Integrations
APPROVED

Reviewed By :John
Carlone



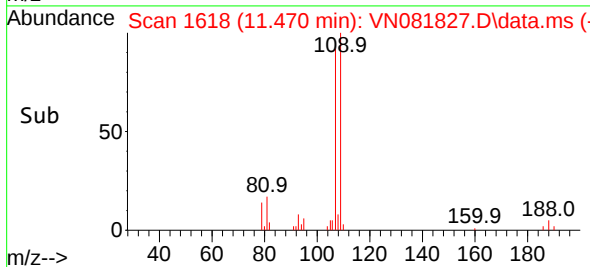
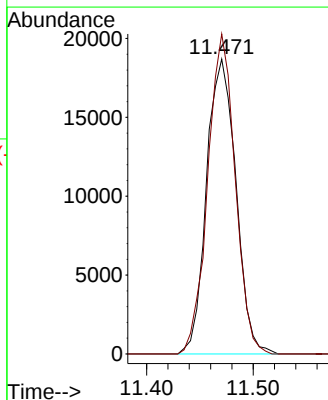
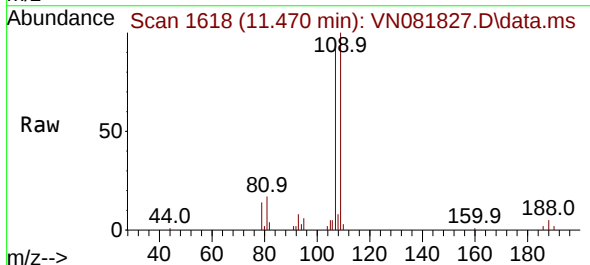
04/23/2024
Supervised By :Mahesh
Dadoda

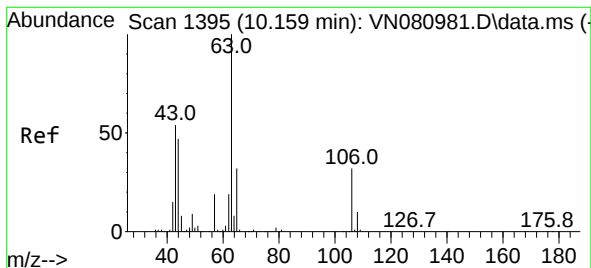
04/23/2024



#54
1,2-Dibromoethane
Concen: 20.595 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

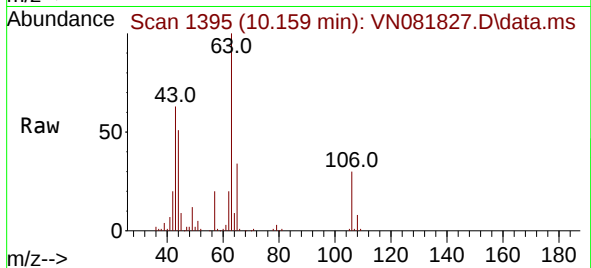
Tgt Ion:107 Resp: 35821
Ion Ratio Lower Upper
107 100
109 101.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 112.513 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

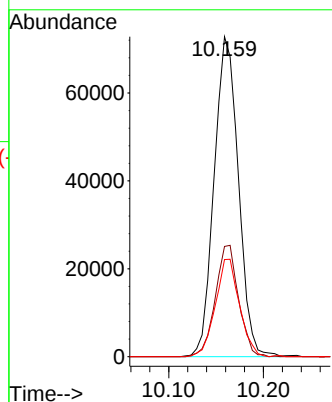
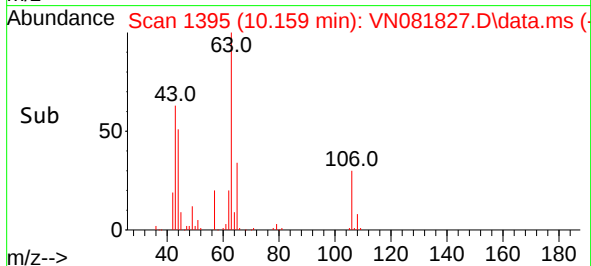
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 12945
Ion Ratio Lower Upper
63 100
65 33.3 26.2 39.2
106 30.3 23.8 35.8

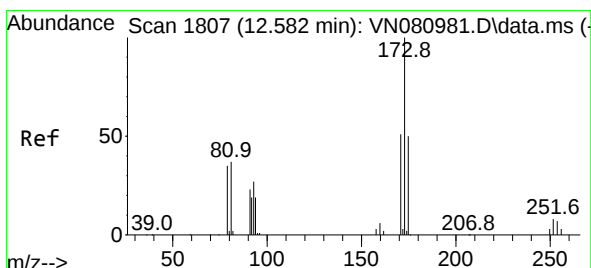
Manual Integrations
APPROVED

Reviewed By :John
Carlone



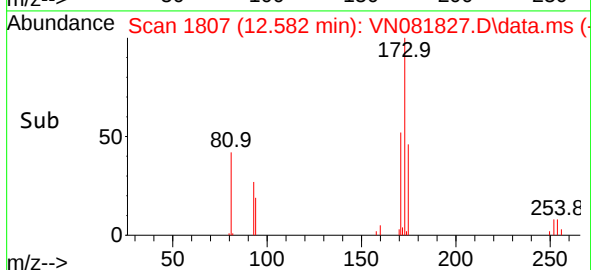
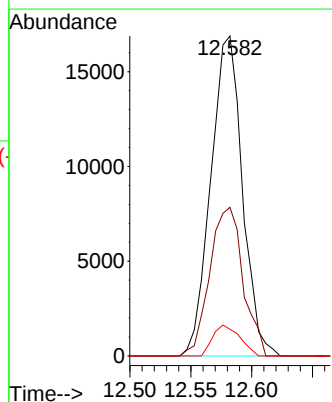
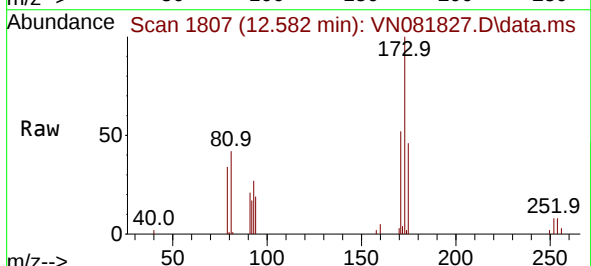
04/23/2024
Supervised By :Mahesh
Dadoda

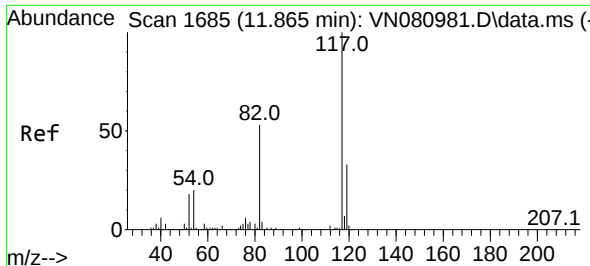
04/23/2024



#56
Bromoform
Concen: 23.741 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

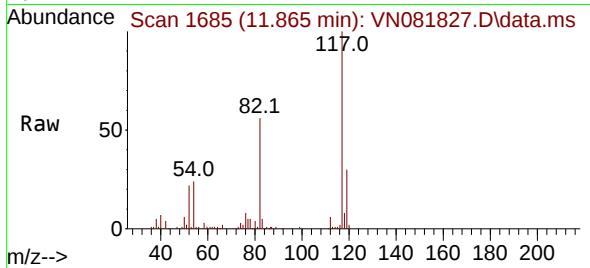
Tgt Ion:173 Resp: 30514
Ion Ratio Lower Upper
173 100
175 48.9 40.0 60.0
254 8.3 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

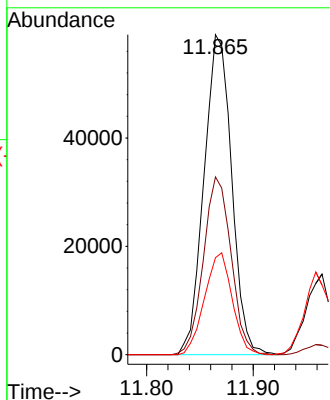
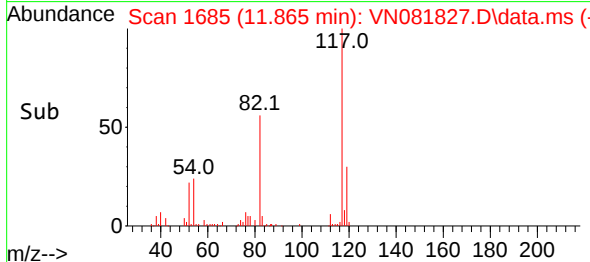
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 106630
Ion Ratio Lower Upper
117 100
82 55.5 46.6 69.8
119 31.8 25.4 38.2

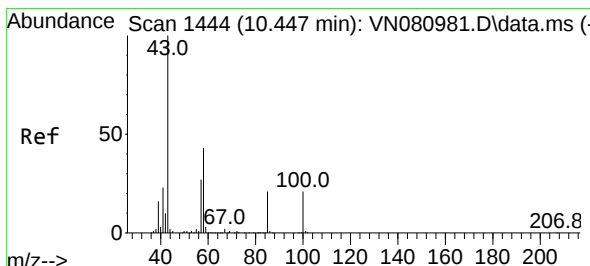
Manual Integrations
APPROVED

Reviewed By :John
Carlone



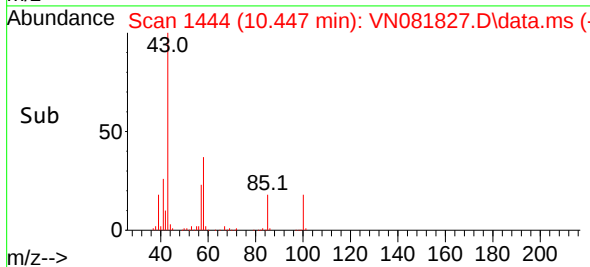
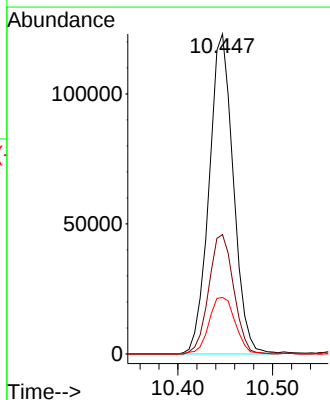
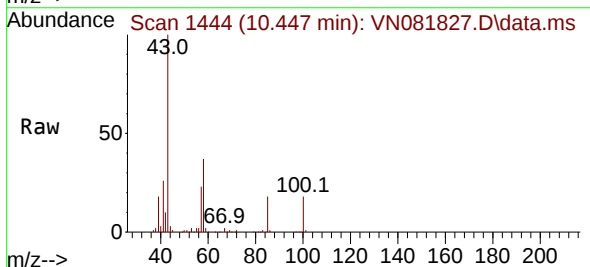
04/23/2024
Supervised By :Mahesh
Dadoda

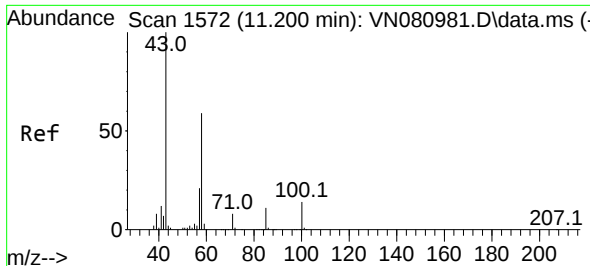
04/23/2024



#58
4-Methyl-2-Pentanone
Concen: 119.457 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

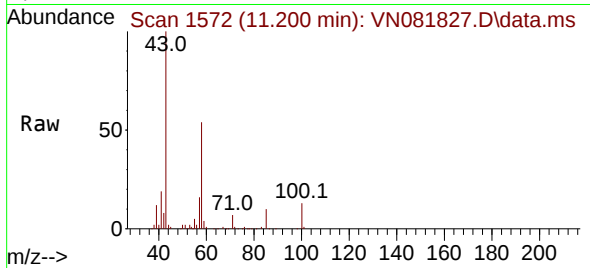
Tgt Ion: 43 Resp: 219064
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 19.1 19.5 29.3#





#59
2-Hexanone
Concen: 114.299 ug/l m
RT: 11.200 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

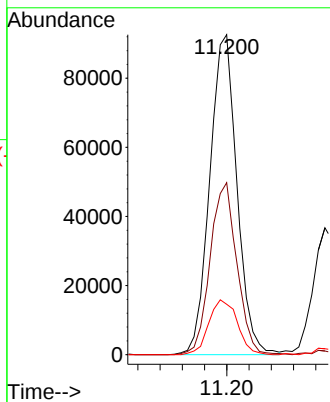
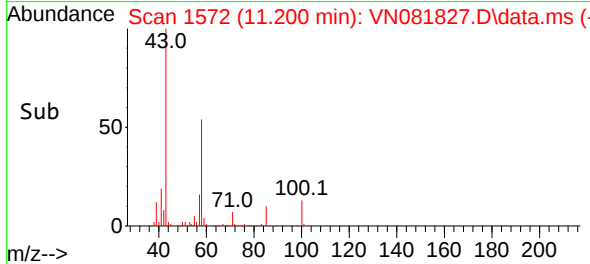
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 157414
Ion Ratio Lower Upper
43 100
58 1.1 50.4 75.6
57 0.4 18.6 27.8

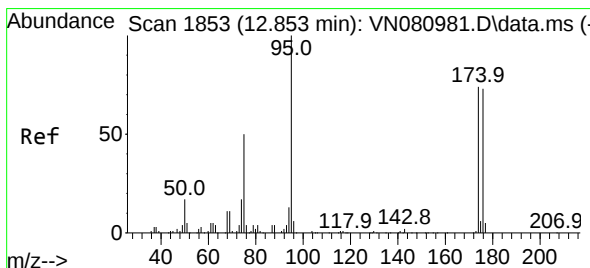
Manual Integrations
APPROVED

Reviewed By :John
Carlone



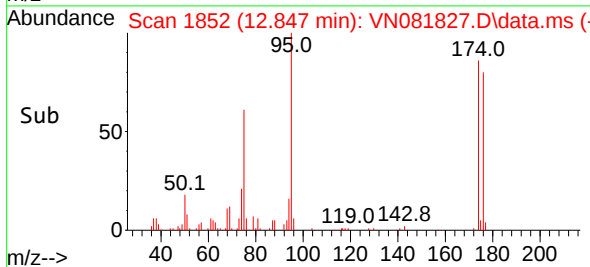
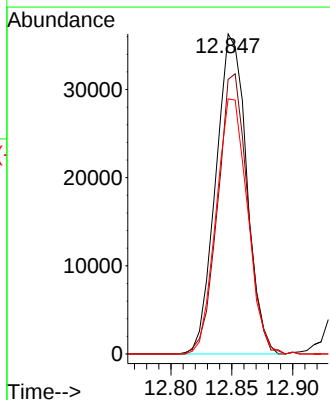
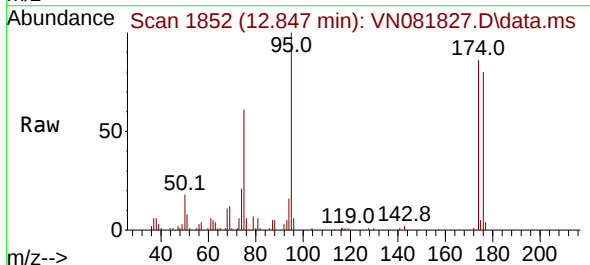
04/23/2024
Supervised By :Mahesh
Dadoda

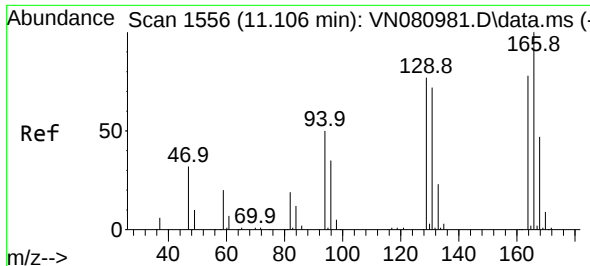
04/23/2024



#60
4-Bromofluorobenzene
Concen: 30.582 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

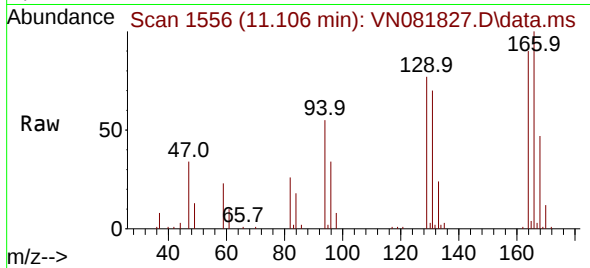
Tgt Ion: 95 Resp: 64115
Ion Ratio Lower Upper
95 100
174 84.5 60.5 90.7
176 80.8 57.8 86.6





#61
Tetrachloroethene
Concen: 19.026 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

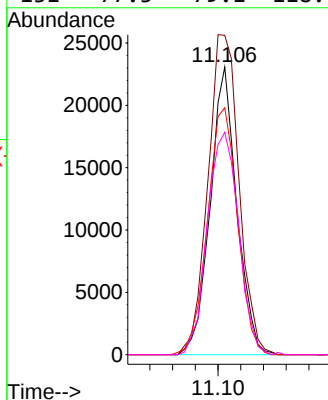
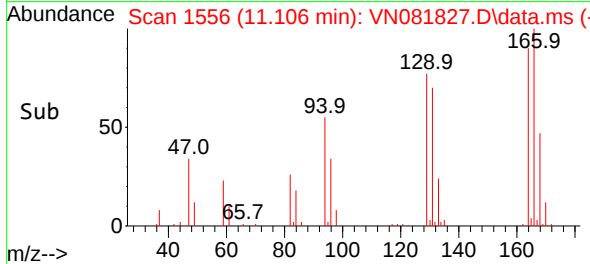
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 37594
Ion Ratio Lower Upper
164 100
166 111.0 106.7 160.1
129 85.8 85.8 128.6
131 77.3 79.1 118.7#

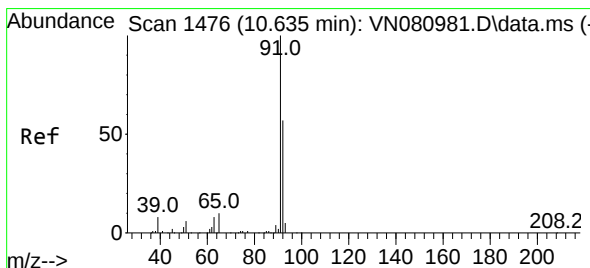
Manual Integrations
APPROVED

Reviewed By :John
Carlone



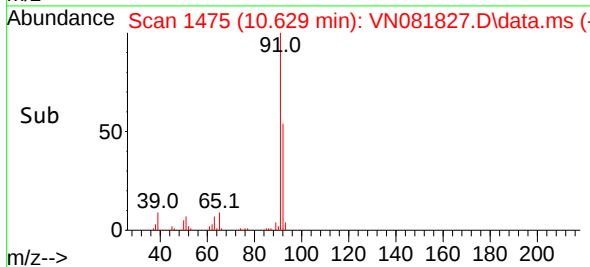
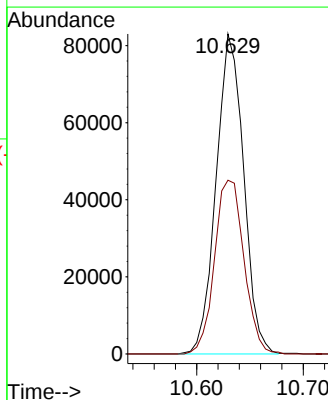
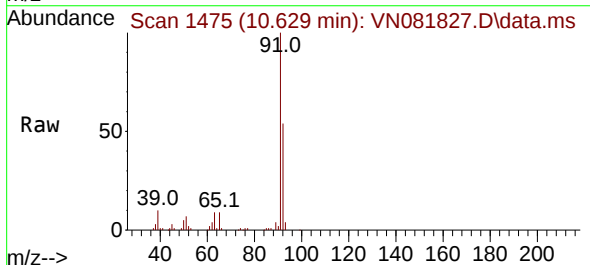
04/23/2024
Supervised By :Mahesh
Dadoda

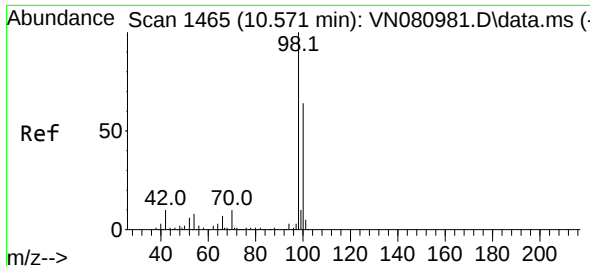
04/23/2024



#62
Toluene
Concen: 19.175 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 91 Resp: 148756
Ion Ratio Lower Upper
91 100
92 58.2 46.5 69.7





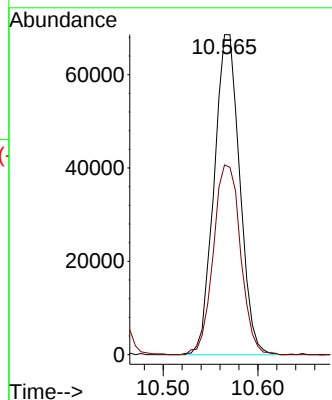
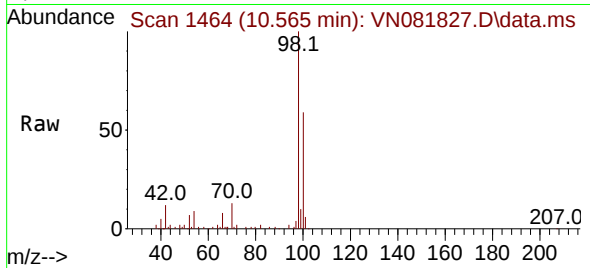
#63
Toluene-d8
Concen: 30.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 129050
Ion Ratio Lower Upper
98 100
100 62.7 52.7 79.1

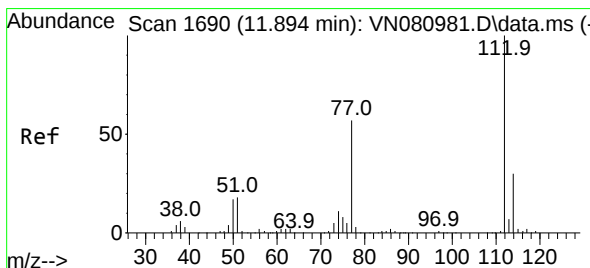
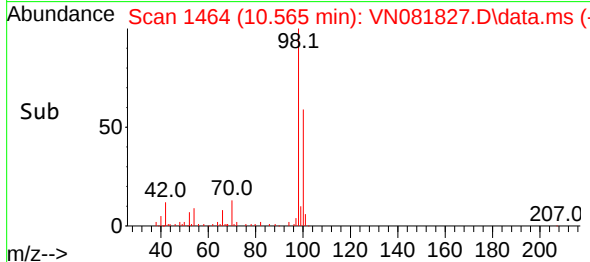
Manual Integrations
APPROVED

Reviewed By :John
Carlone



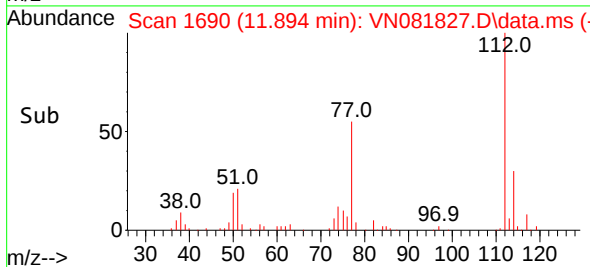
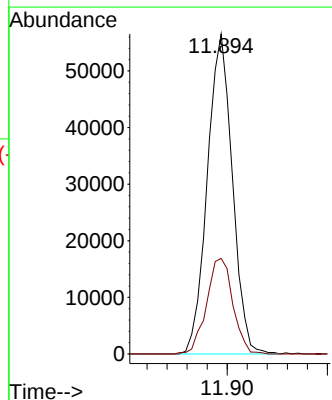
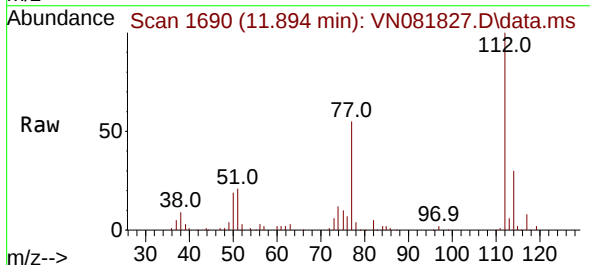
04/23/2024
Supervised By :Mahesh
Dadoda

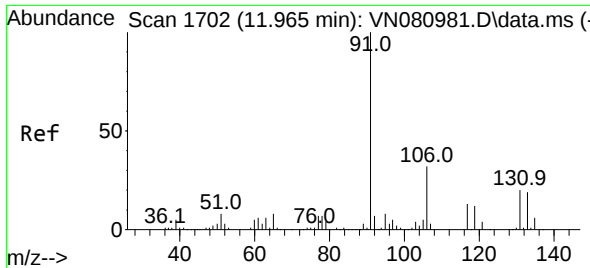
04/23/2024



#64
Chlorobenzene
Concen: 19.962 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:112 Resp: 98199
Ion Ratio Lower Upper
112 100
114 29.9 26.6 39.8





#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.721 ug/l
 RT: 11.959 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

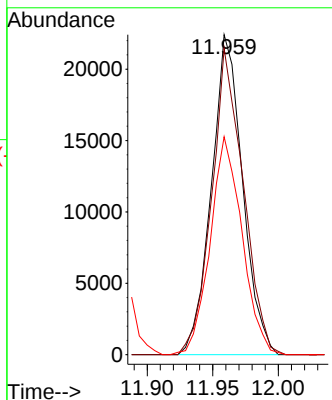
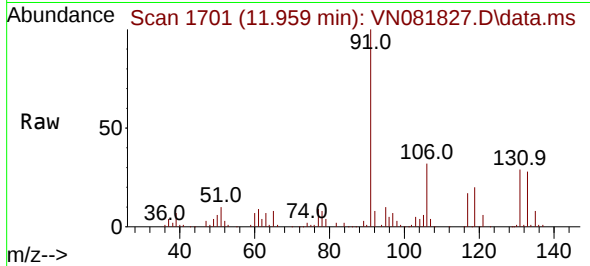
ClientSampleId :

VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	0.0	188.0
119	69.6	0.0	122.8

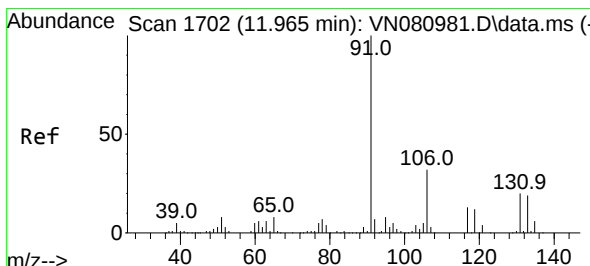
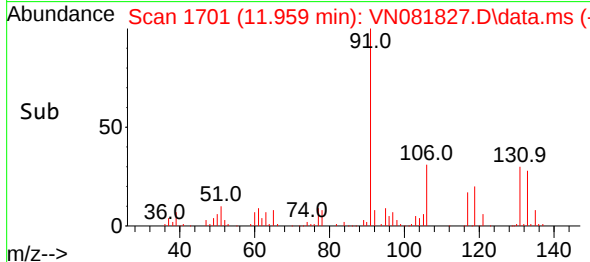
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



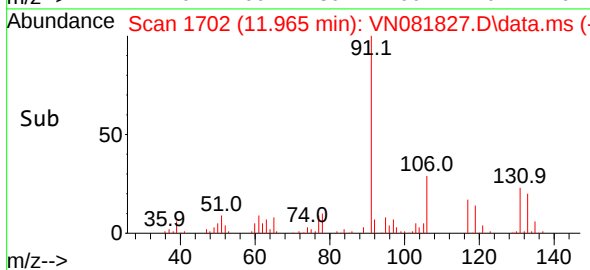
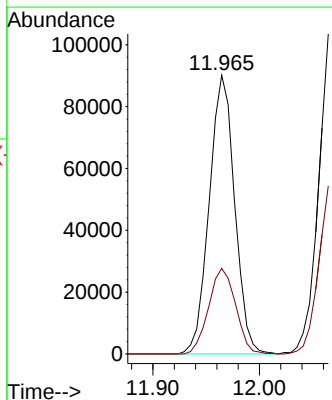
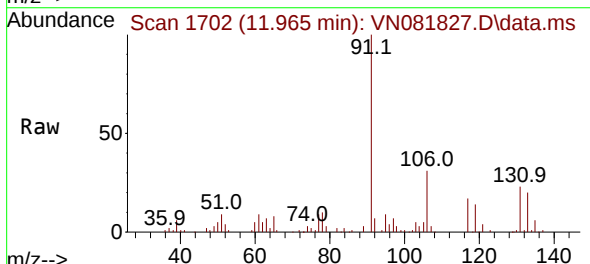
04/23/2024
 Supervised By :Mahesh
 Dadoda

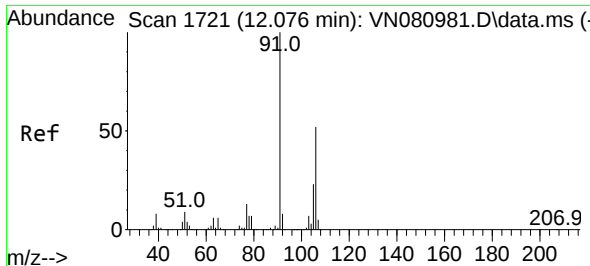
04/23/2024



#66
 Ethyl Benzene
 Concen: 18.115 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33

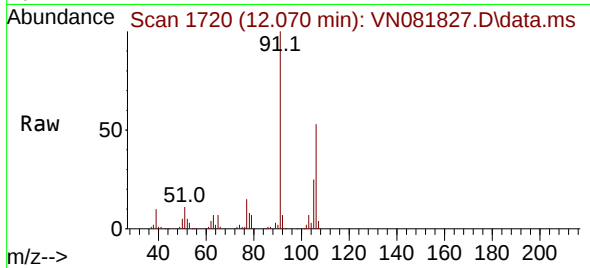
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.4	36.6





#67
m/p-Xylenes
Concen: 37.781 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

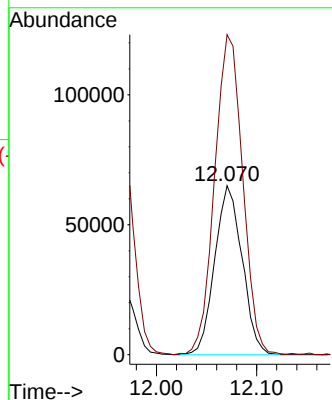
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 123439
Ion Ratio Lower Upper
106 100
91 194.0 166.6 249.8

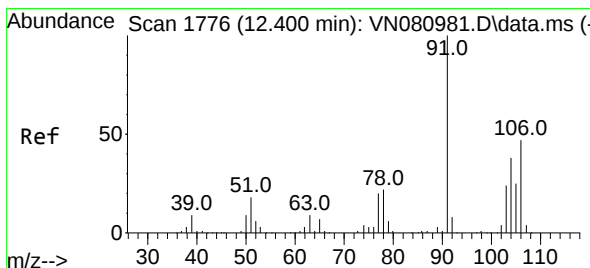
Manual Integrations
APPROVED

Reviewed By :John
Carlone



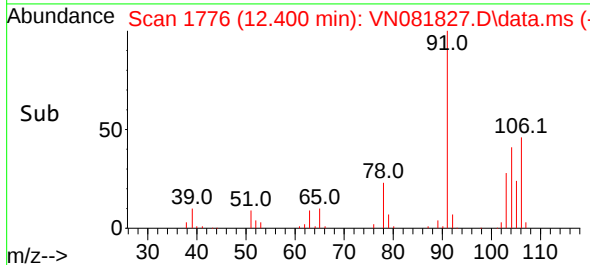
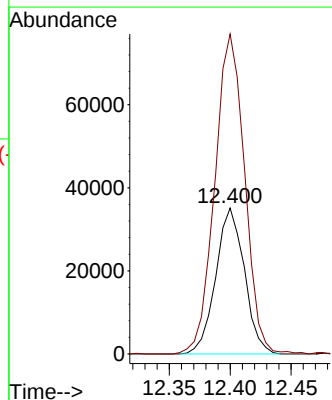
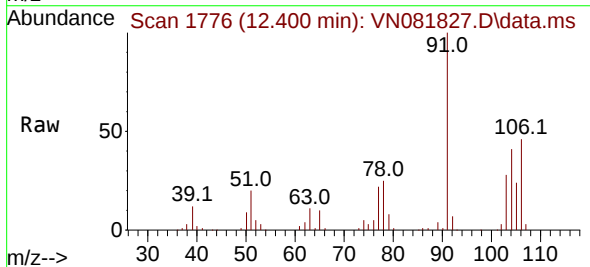
04/23/2024
Supervised By :Mahesh
Dadoda

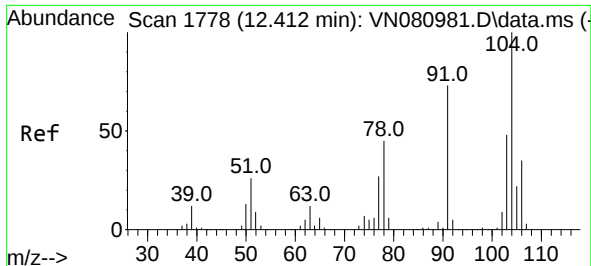
04/23/2024



#68
o-Xylene
Concen: 18.533 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:106 Resp: 57483
Ion Ratio Lower Upper
106 100
91 228.1 110.0 330.0





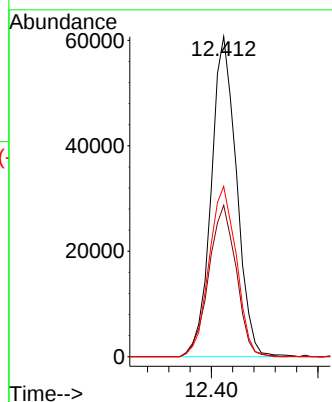
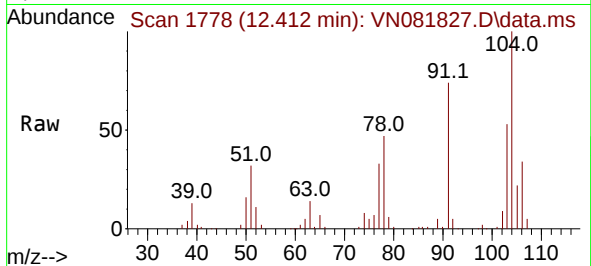
#69
Styrene
Concen: 18.996 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 100349
Ion Ratio Lower Upper
104 100
78 51.1 42.6 64.0
103 57.1 43.7 65.5

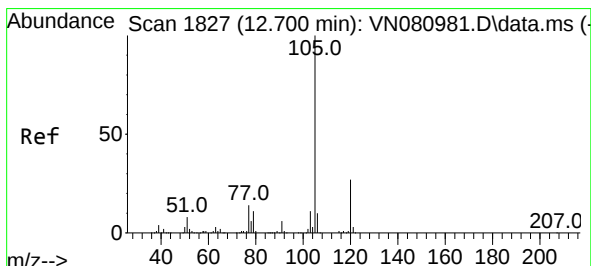
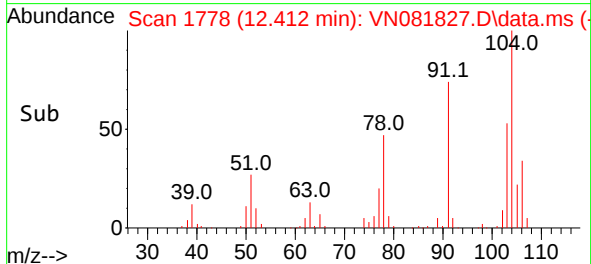
Manual Integrations
APPROVED

Reviewed By :John
Carlone



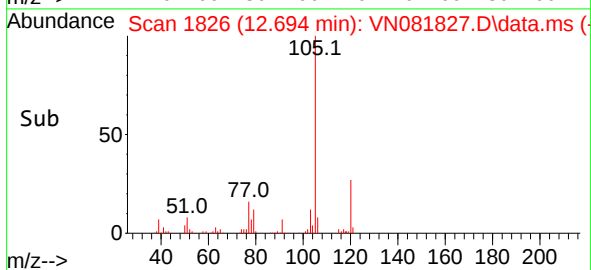
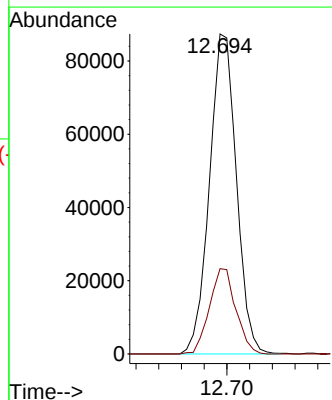
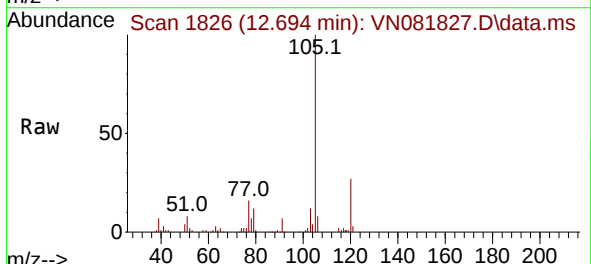
04/23/2024
Supervised By :Mahesh
Dadoda

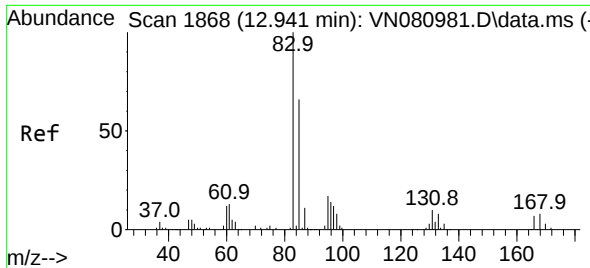
04/23/2024



#70
Isopropylbenzene
Concen: 17.995 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

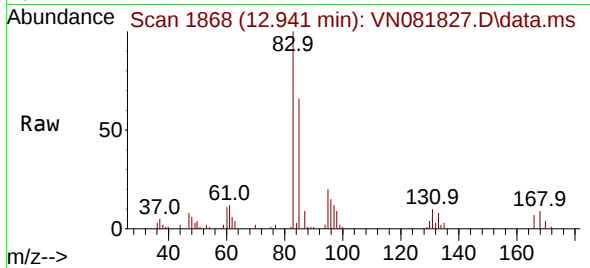
Tgt Ion:105 Resp: 143996
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.684 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

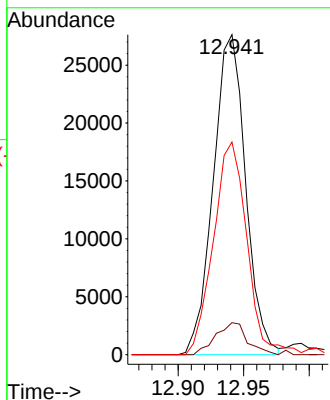
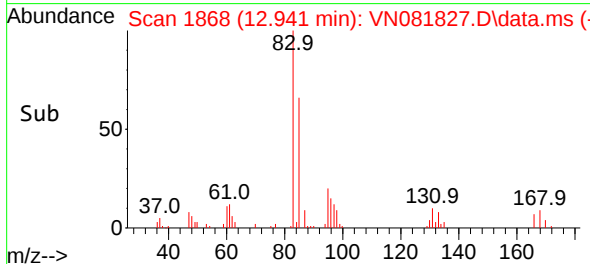
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 47415
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 68.8 32.3 96.8

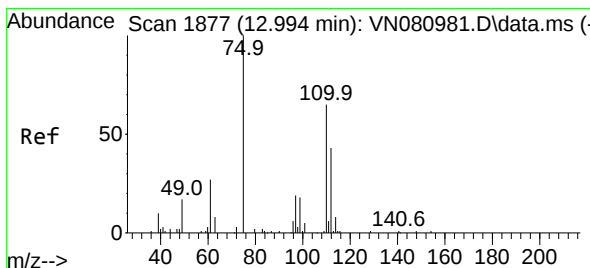
Manual Integrations
APPROVED

Reviewed By :John
Carlone



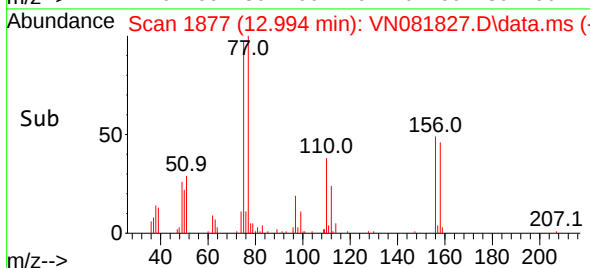
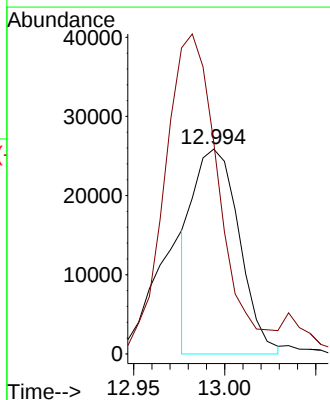
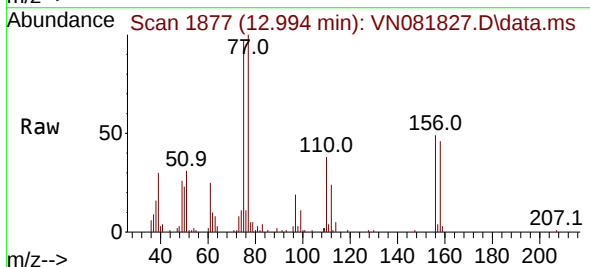
04/23/2024
Supervised By :Mahesh
Dadoda

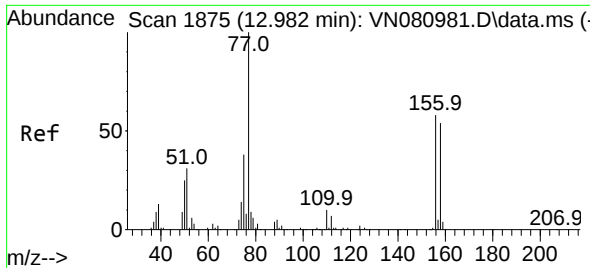
04/23/2024



#72
1,2,3-Trichloropropane
Concen: 23.678 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 75 Resp: 45821
Ion Ratio Lower Upper
75 100
77 184.3 0.0 367.6





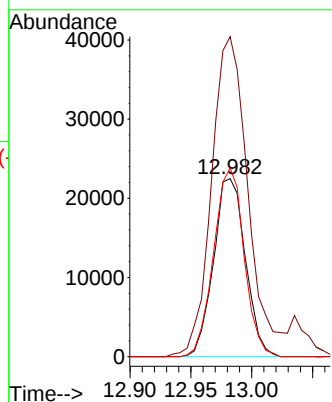
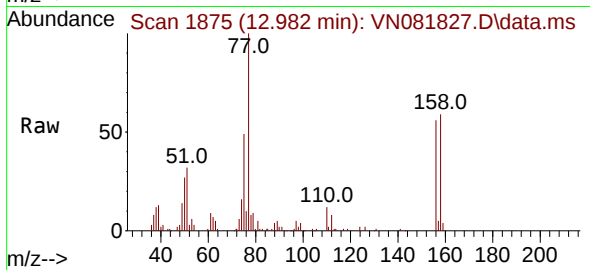
#73
Bromobenzene
Concen: 20.620 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 40885
Ion Ratio Lower Upper
156 100
77 206.6 0.0 437.6
158 101.4 0.0 203.8

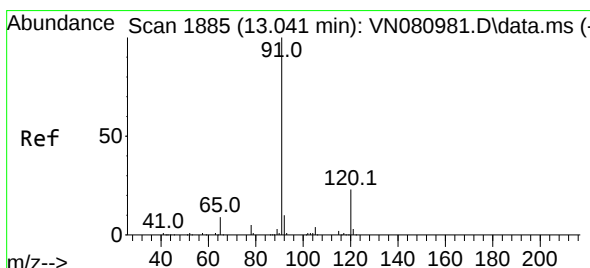
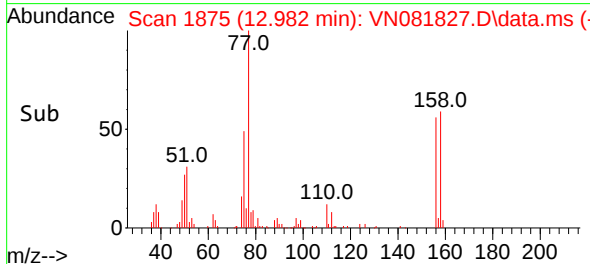
Manual Integrations
APPROVED

Reviewed By :John
Carlone



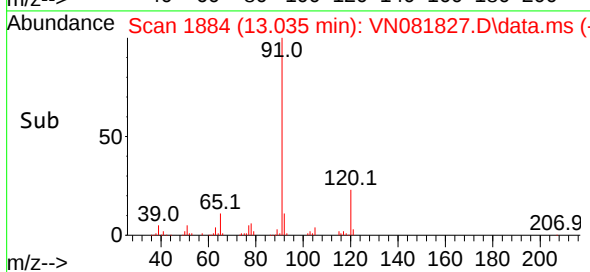
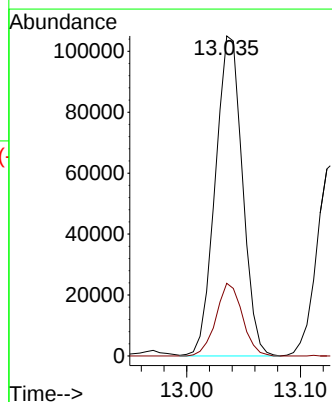
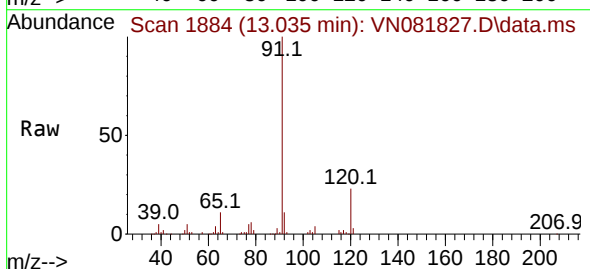
04/23/2024
Supervised By :Mahesh
Dadoda

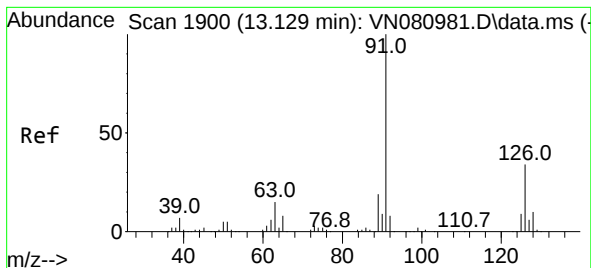
04/23/2024



#74
n-propylbenzene
Concen: 18.230 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 91 Resp: 174614
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.8





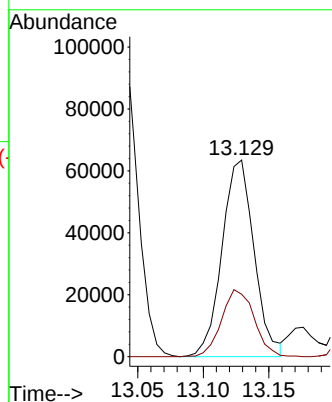
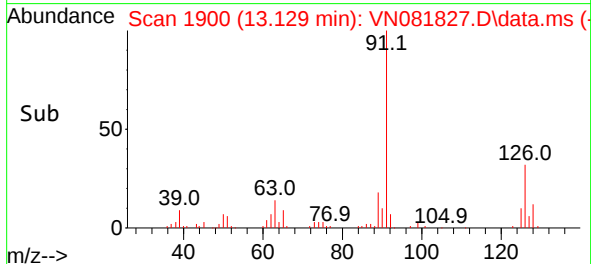
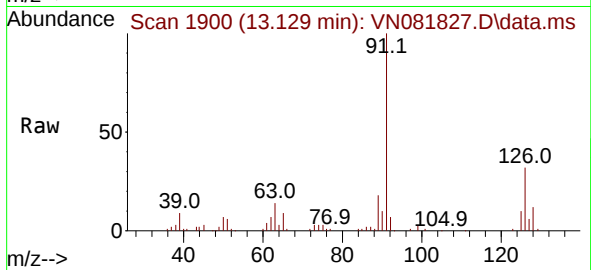
#75
2-Chlorotoluene
Concen: 18.968 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 108238
Ion Ratio Lower Upper
91 100
126 34.7 0.0 61.2

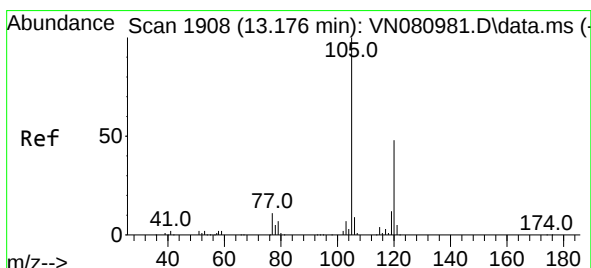
Manual Integrations
APPROVED

Reviewed By :John
Carlone



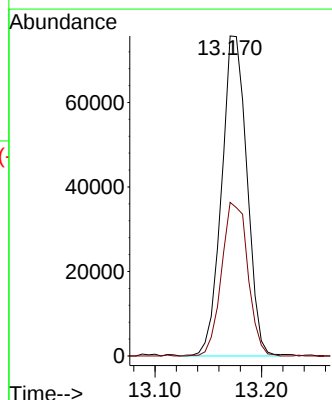
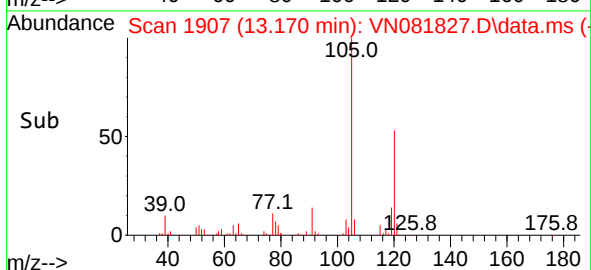
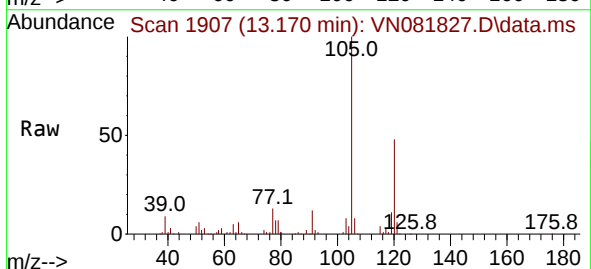
04/23/2024
Supervised By :Mahesh
Dadoda

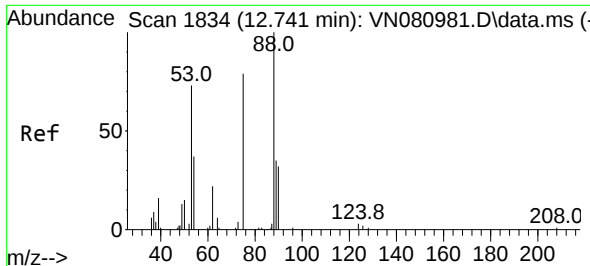
04/23/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.421 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

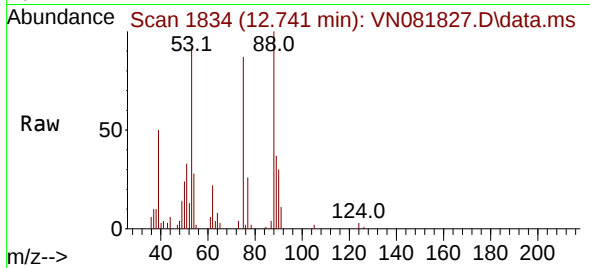
Tgt Ion:105 Resp: 125109
Ion Ratio Lower Upper
105 100
120 49.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.248 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

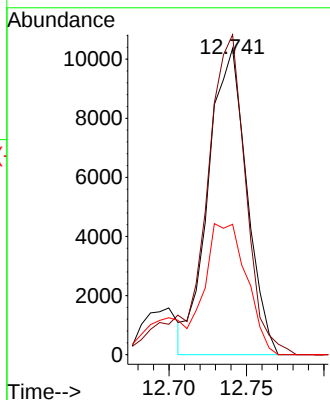
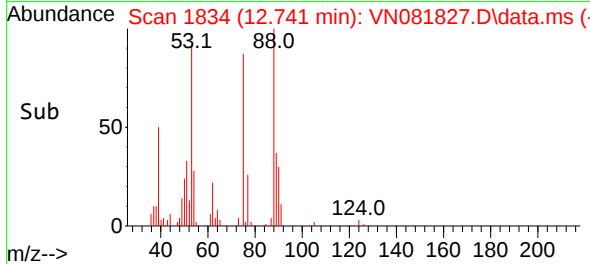
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 17830
Ion Ratio Lower Upper
75 100
53 101.0 45.9 137.7
89 42.6 25.9 77.7

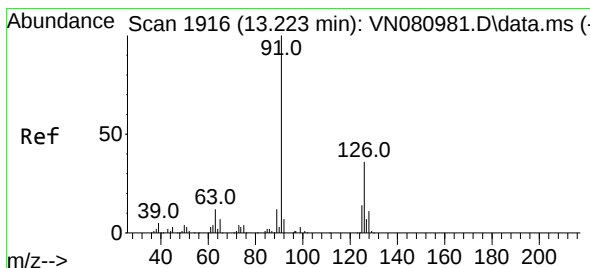
Manual Integrations
APPROVED

Reviewed By :John
Carlone



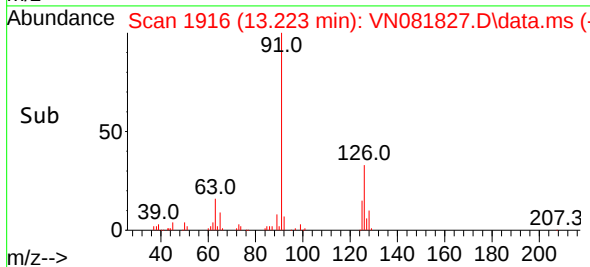
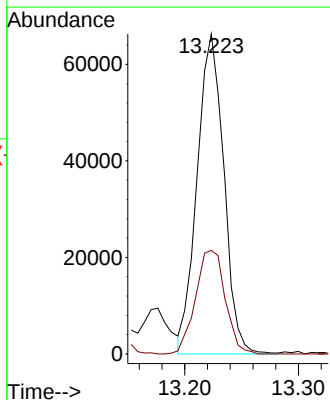
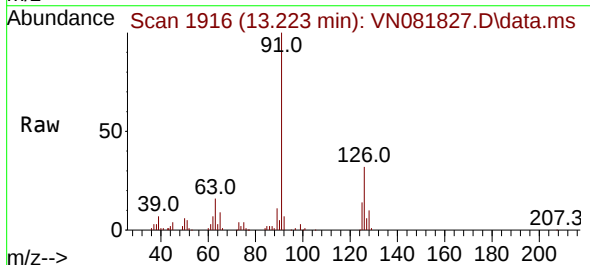
04/23/2024
Supervised By :Mahesh
Dadoda

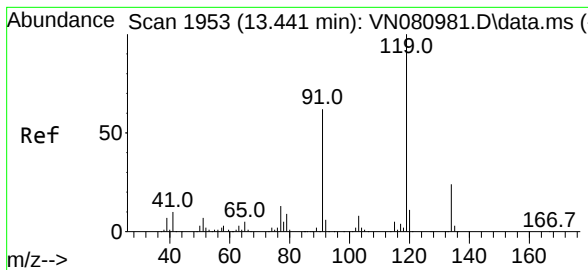
04/23/2024



#78
4-Chlorotoluene
Concen: 19.156 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion: 91 Resp: 108421
Ion Ratio Lower Upper
91 100
126 35.9 0.0 62.8





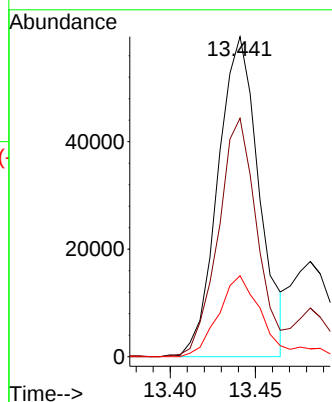
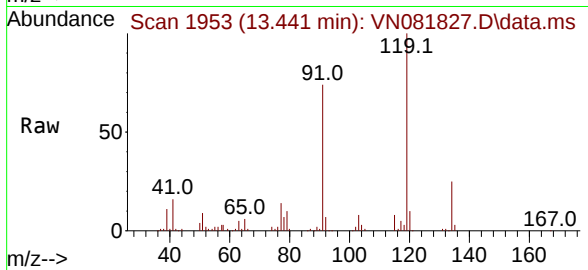
#79
tert-butylbenzene
Concen: 17.341 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 100197
Ion Ratio Lower Upper
119 100
91 70.2 0.0 138.8
134 25.5 0.0 48.6

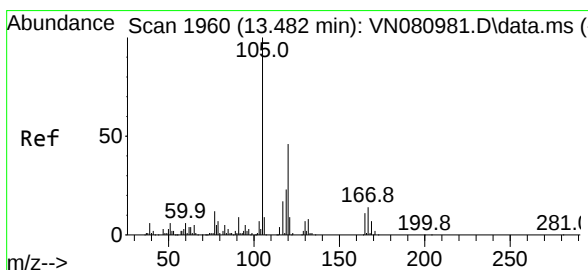
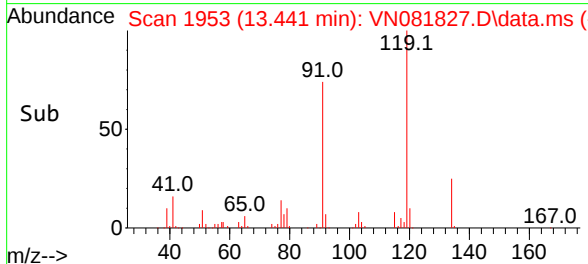
Manual Integrations
APPROVED

Reviewed By :John
Carlone



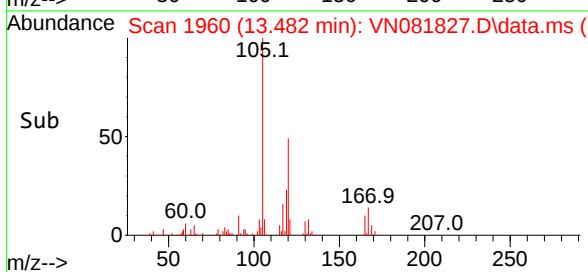
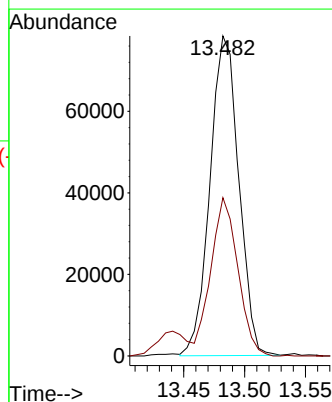
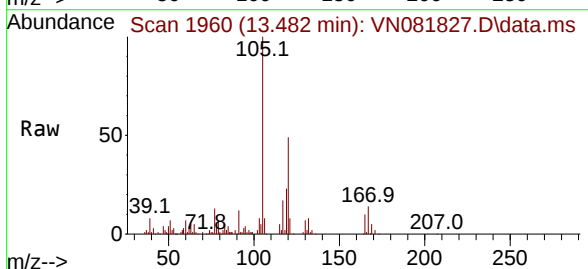
04/23/2024
Supervised By :Mahesh
Dadoda

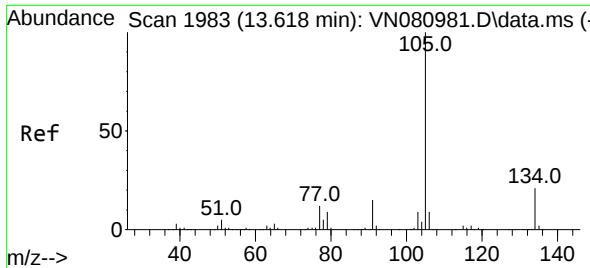
04/23/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.050 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:105 Resp: 129030
Ion Ratio Lower Upper
105 100
120 46.3 0.0 86.8





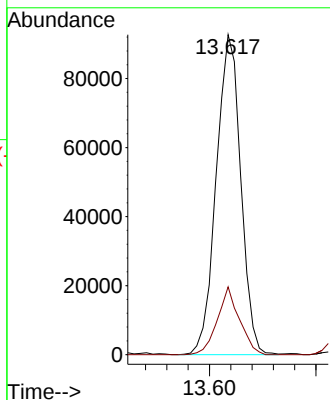
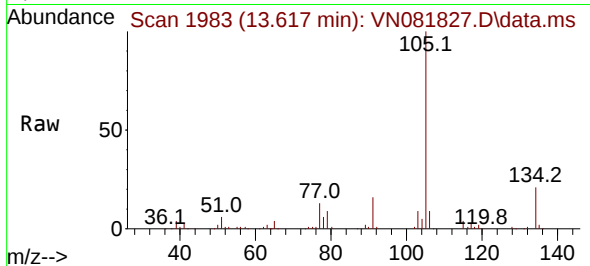
#81
 sec-Butylbenzene
 Concen: 17.761 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 14800
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

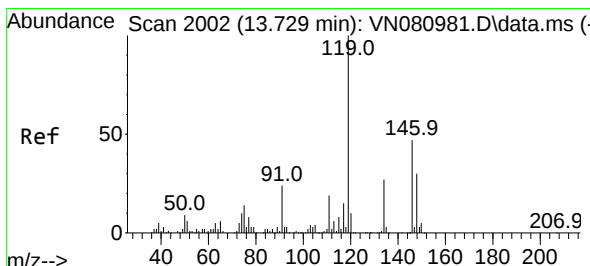
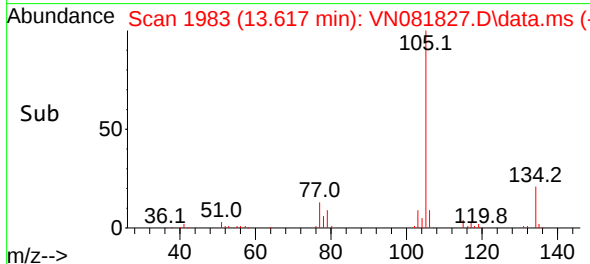
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



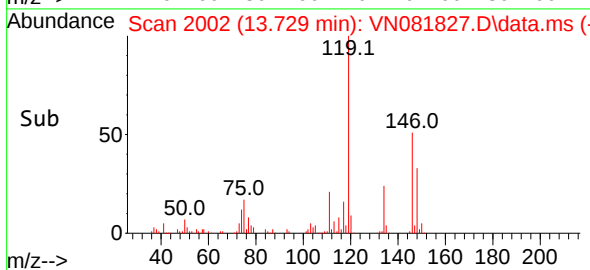
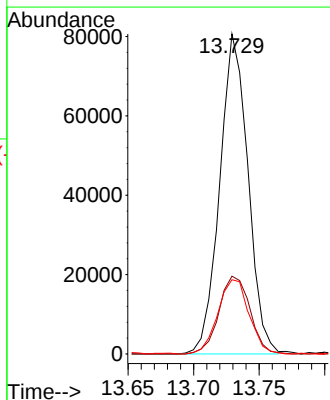
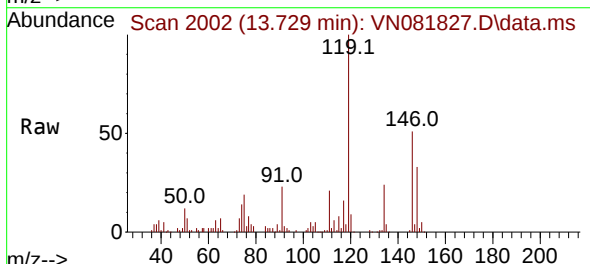
04/23/2024
 Supervised By :Mahesh
 Dadoda

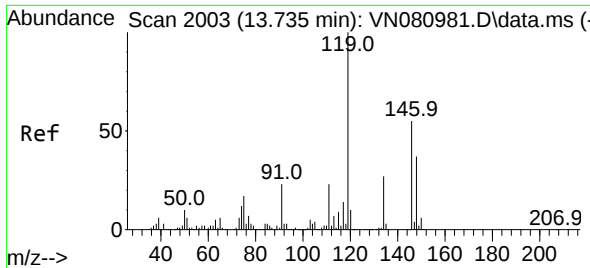
04/23/2024



#82
 p-Isopropyltoluene
 Concen: 17.301 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081827.D
 Acq: 22 Apr 2024 16:33

Tgt Ion:119 Resp: 120908
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 49.2
 91 25.6 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

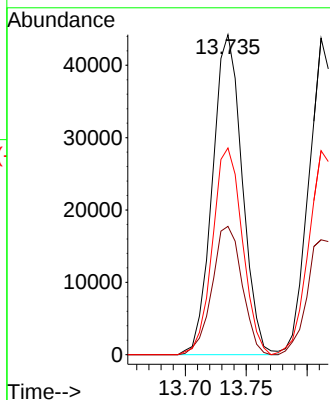
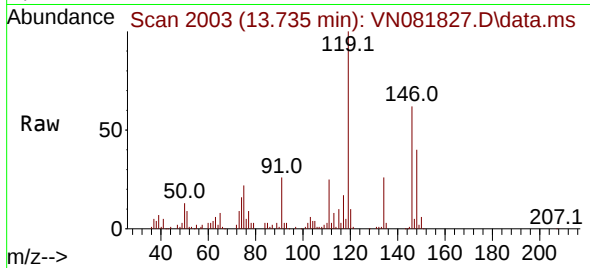
ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 75329
Ion Ratio Lower Upper
146 100
111 40.3 22.4 67.0
148 64.6 32.1 96.5

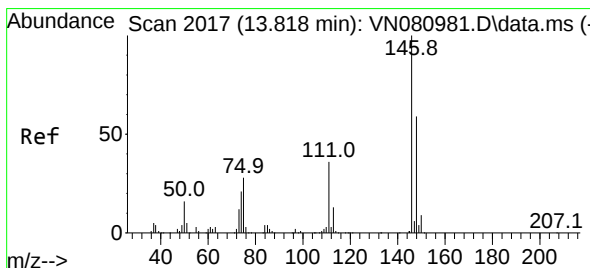
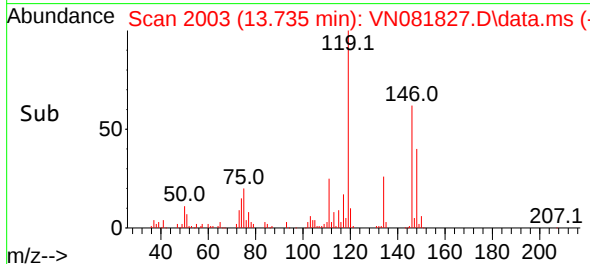
Manual Integrations
APPROVED

Reviewed By :John
Carlone



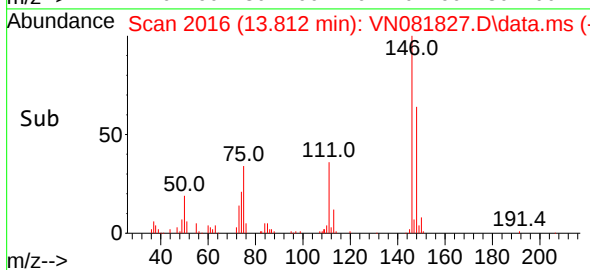
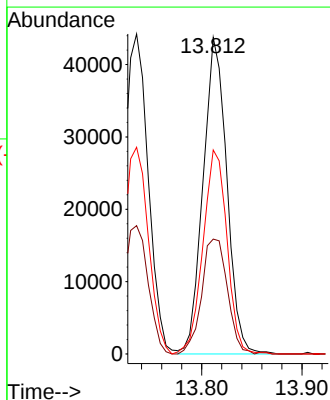
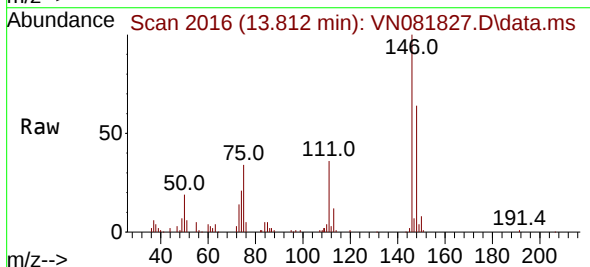
04/23/2024
Supervised By :Mahesh
Dadoda

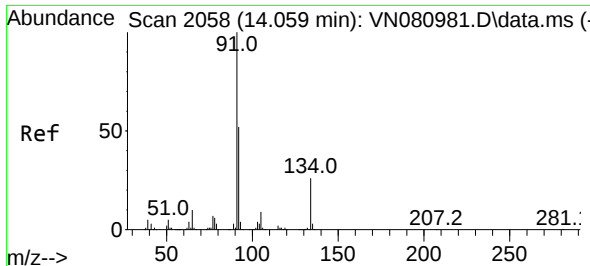
04/23/2024



#84
1,4-Dichlorobenzene
Concen: 20.058 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

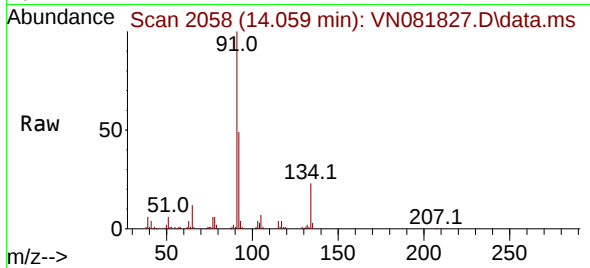
Tgt Ion:146 Resp: 71949
Ion Ratio Lower Upper
146 100
111 39.4 21.3 63.9
148 65.1 31.9 95.5





#85
n-Butylbenzene
Concen: 16.855 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

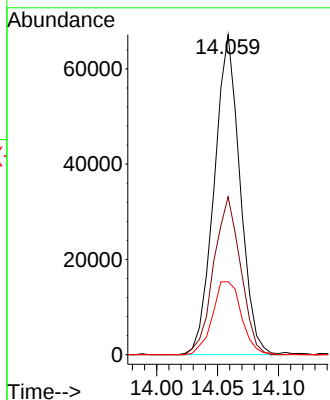
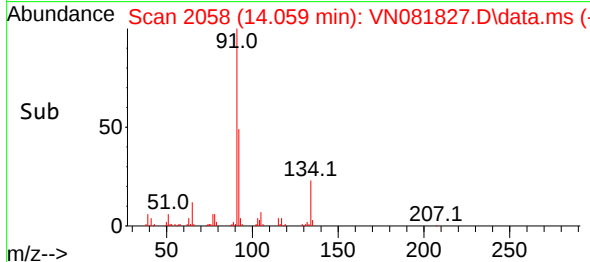
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 99219
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.0
134 25.6 0.0 51.8

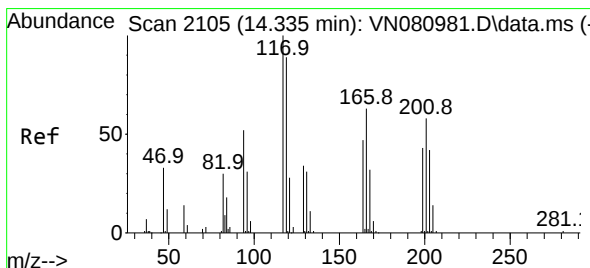
Manual Integrations
APPROVED

Reviewed By :John
Carlone



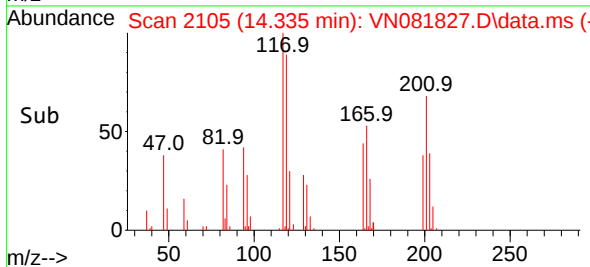
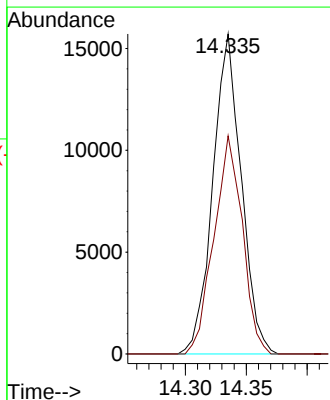
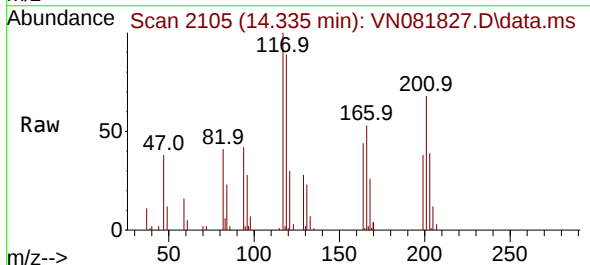
04/23/2024
Supervised By :Mahesh
Dadoda

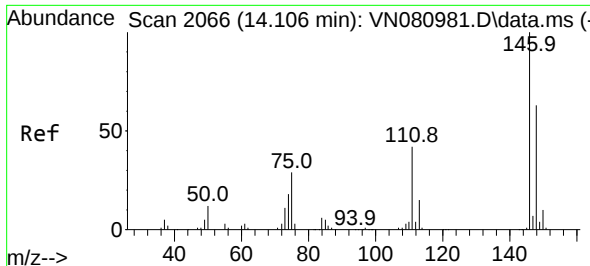
04/23/2024



#86
Hexachloroethane
Concen: 19.109 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

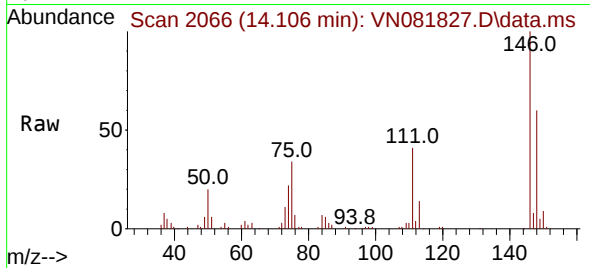
Tgt Ion:117 Resp: 25514
Ion Ratio Lower Upper
117 100
201 68.2 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 21.575 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

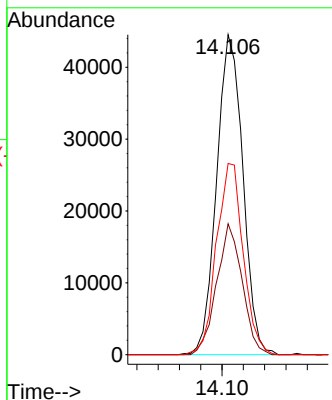
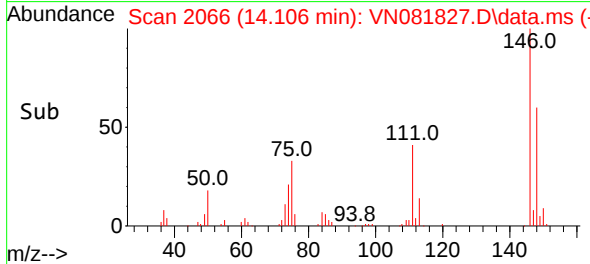
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 76099
Ion Ratio Lower Upper
146 100
111 39.7 22.6 67.8
148 60.8 31.3 93.8

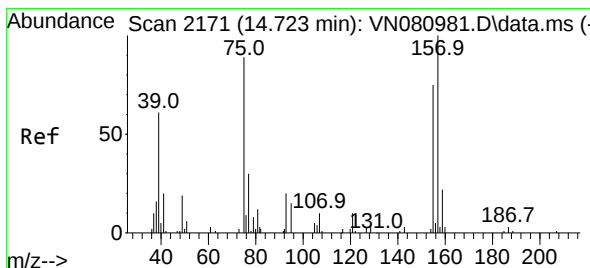
Manual Integrations
APPROVED

Reviewed By :John
Carlone

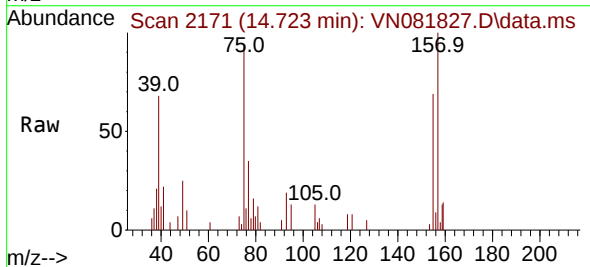


04/23/2024
Supervised By :Mahesh
Dadoda

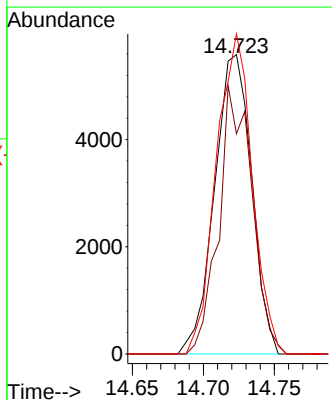
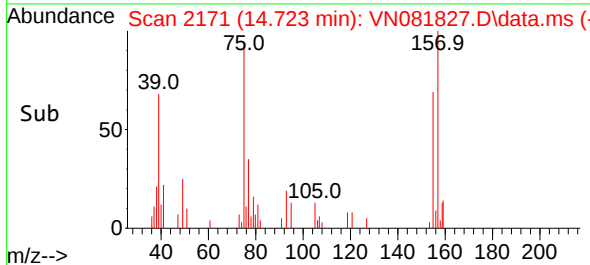
04/23/2024

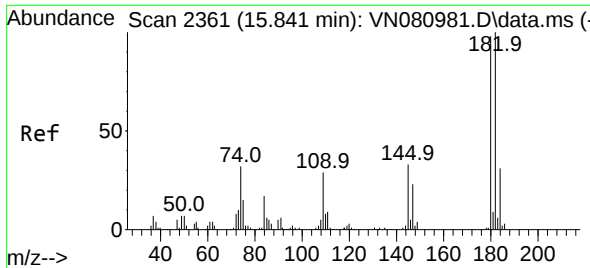


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.336 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33



Tgt Ion: 75 Resp: 10178
Ion Ratio Lower Upper
75 100
155 79.7 61.7 92.5
157 103.4 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 20.625 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :

MSVOA_N

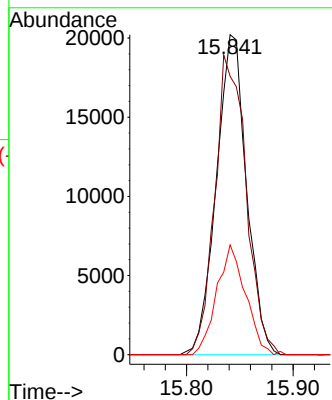
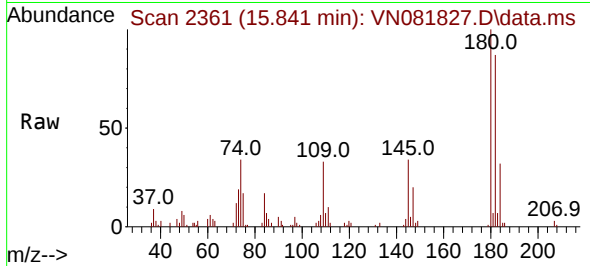
ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 3987
Ion Ratio Lower Upper
180 100
182 96.4 76.4 114.6
145 32.6 28.4 42.6

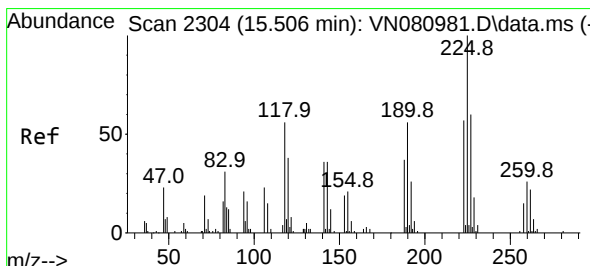
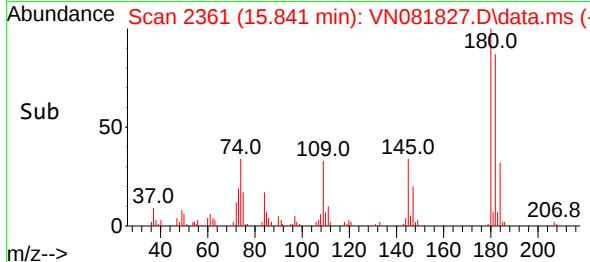
Manual Integrations
APPROVED

Reviewed By :John
Carlone



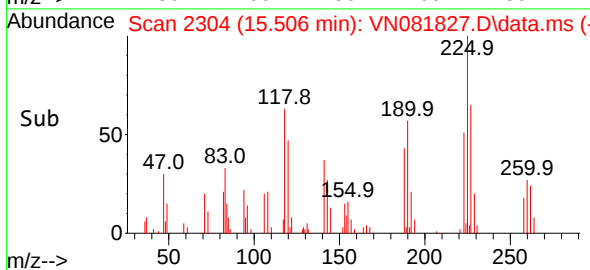
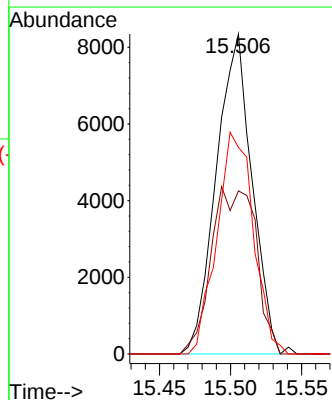
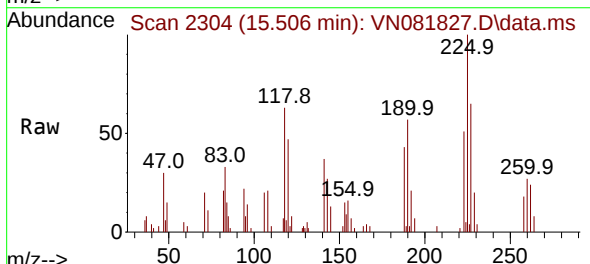
04/23/2024
Supervised By :Mahesh
Dadoda

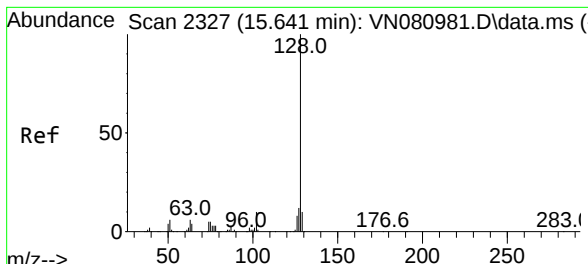
04/23/2024



#90
Hexachlorobutadiene
Concen: 18.808 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:225 Resp: 14571
Ion Ratio Lower Upper
225 100
223 32.4 0.0 126.6
227 71.0 0.0 126.6





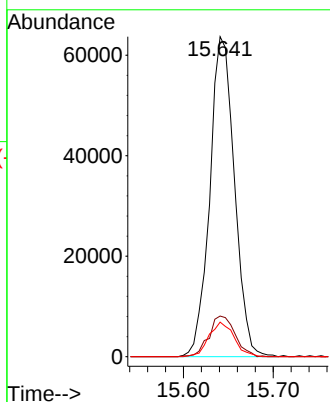
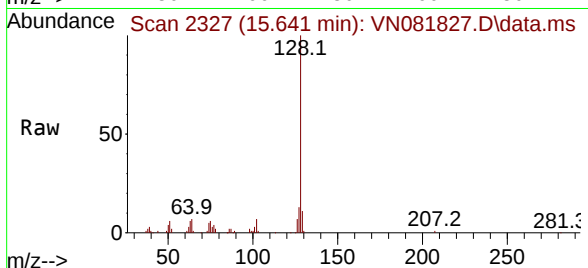
#91
Naphthalene
Concen: 19.588 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 12175
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.6 13.0

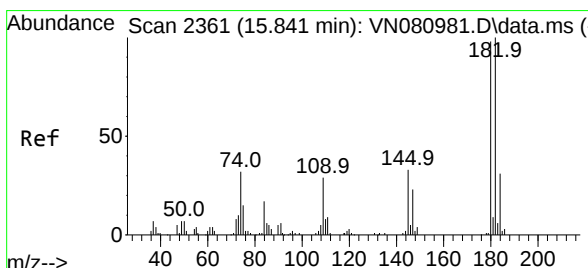
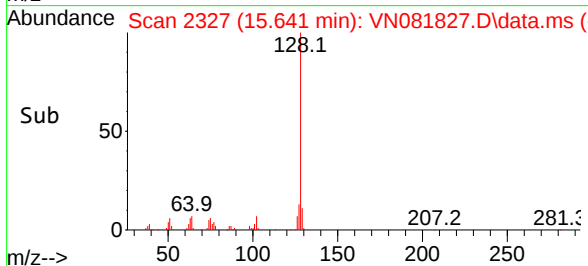
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/23/2024
Supervised By :Mahesh
Dadoda

04/23/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.625 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081827.D
Acq: 22 Apr 2024 16:33

Tgt Ion:180 Resp: 39875
Ion Ratio Lower Upper
180 100
182 96.4 0.0 191.0
145 32.6 0.0 71.0

