

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077428.D
 Acq On : 21 Apr 2023 17:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 22 02:40:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/24/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.825	128	57583	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	428379	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	466435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	148559	30.420	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.400%
60) 4-Bromofluorobenzene	12.854	95	239206	29.659	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.867%
63) Toluene-d8	10.572	98	488695	29.803	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	110833	20.246	ug/l	100
3) Chloromethane	2.372	50	99434	13.672	ug/l	92
4) Vinyl Chloride	2.525	62	144111	13.834	ug/l	96
5) Bromomethane	2.966	94	119339	15.203	ug/l	97
6) Chloroethane	3.131	64	105331	15.085	ug/l	100
7) Trichlorofluoromethane	3.507	101	213158	21.976	ug/l	94
8) Diethyl Ether	3.978	74	79742	19.288	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.378	101	126819	20.909	ug/l	98
10) 1,1-Dichloroethene	4.349	96	119021	19.616	ug/l	95
11) Methyl Iodide	4.601	142	150274	21.922	ug/l	94
12) Methyl Acetate	5.037	43	164988	18.251	ug/l	97
13) Acrolein	4.196	56	117368	104.596	ug/l	99
14) Acrylonitrile	5.737	53	266386	86.207	ug/l	99
15) Acetone	4.437	58	73952	65.968	ug/l	83
16) Carbon Disulfide	4.725	76	267492	16.702	ug/l #	95
17) Allyl chloride	5.037	41	132910	17.016	ug/l	92
18) Methylene Chloride	5.290	84	133533	18.951	ug/l	96
19) trans-1,2-Dichloroethene	5.796	96	127616	19.343	ug/l	97
20) Diisopropyl ether	6.684	45	319466	17.161	ug/l	97
21) 1,1-Dichloroethane	6.572	63	223519	18.943	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	153487	19.084	ug/l	98
23) tert-Butyl Alcohol	5.531	59	115684	84.195	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	430897	19.726	ug/l	100
25) Chloroform	7.972	83	258802	20.238	ug/l	96
26) Cyclohexane	8.260	56	182142	17.764	ug/l #	100
29) 1,1-Dichloropropene	8.378	75	180745	19.477	ug/l	90
30) 2-Butanone	7.495	43	333864	76.080	ug/l	97
31) 2,2-Dichloropropane	7.495	77	199750	17.534	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	239183	20.944	ug/l	100
33) Carbon Tetrachloride	8.366	117	199536	20.471	ug/l	90
34) Benzene	8.613	78	554824	19.323	ug/l	98
35) Methacrylonitrile	7.790	41	72945	17.646	ug/l	87
36) 1,2-Dichloroethane	8.678	62	188331	20.921	ug/l	99
37) Trichloroethene	9.354	130	141659	20.170	ug/l	99
38) Methylcyclohexane	9.607	83	229652	18.247	ug/l	97
39) 1,2-Dichloropropane	9.631	63	134920	18.928	ug/l	98
40) Dibromomethane	9.713	93	103285	20.111	ug/l	99
41) Bromodichloromethane	9.889	83	203865	19.907	ug/l	91
42) Vinyl Acetate	6.613	43	1224361m	96.401	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077428.D
 Acq On : 21 Apr 2023 17:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

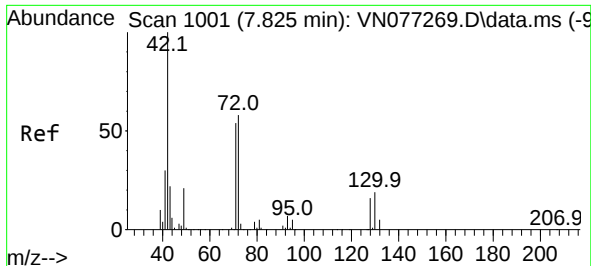
Quant Time: Apr 22 02:40:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

04/24/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.566	43	143613	17.689	ug/l	#	81
44) Isopropyl Acetate	8.695	43	249045	17.132	ug/l	#	100
45) 1,4-Dioxane	9.695	88	57542	375.330	ug/l		95
46) Methyl methacrylate	9.684	41	110950	17.727	ug/l		92
47) n-amyl Acetate	12.495	43	203208	15.996	ug/l		93
48) t-1,3-Dichloropropene	10.842	75	203573	17.762	ug/l		95
49) cis-1,3-Dichloropropene	10.319	75	222285	18.231	ug/l		94
50) 1,1,2-Trichloroethane	11.019	97	148430	19.897	ug/l		96
51) Ethyl methacrylate	10.878	69	215006	18.768	ug/l		95
52) 1,3-Dichloropropane	11.166	76	242562	19.482	ug/l		100
53) Dibromochloromethane	11.366	129	153405	19.511	ug/l		99
54) 1,2-Dibromoethane	11.472	107	149662	19.985	ug/l		98
55) 2-Chloroethyl vinyl ether	10.166	63	394978	111.672	ug/l		97
56) Bromoform	12.583	173	97779	18.514	ug/l		99
58) 4-Methyl-2-Pentanone	10.448	43	752042	86.112	ug/l		97
59) 2-Hexanone	11.201	43	531730	78.769	ug/l		98
61) Tetrachloroethene	11.107	164	110152	19.855	ug/l		98
62) Toluene	10.636	91	642702	19.748	ug/l		100
64) Chlorobenzene	11.895	112	402865	20.376	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.960	131	147190	20.244	ug/l		96
66) Ethyl Benzene	11.966	91	703992	19.526	ug/l		99
67) m/p-Xylenes	12.077	106	545453	38.596	ug/l		99
68) o-Xylene	12.401	106	275686	19.499	ug/l		99
69) Styrene	12.413	104	429202	18.948	ug/l		98
70) Isopropylbenzene	12.695	105	710226	19.794	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.942	83	212187	19.311	ug/l		98
72) 1,2,3-Trichloropropane	12.995	75	158666m	21.243	ug/l		
73) Bromobenzene	12.983	156	151010	20.715	ug/l		91
74) n-propylbenzene	13.042	91	766216	19.300	ug/l		99
75) 2-Chlorotoluene	13.130	91	460132	19.347	ug/l		99
76) 1,3,5-Trimethylbenzene	13.177	105	541892	18.556	ug/l		98
77) t-1,4-Dichloro-2-butene	12.742	75	58161	15.288	ug/l		93
78) 4-Chlorotoluene	13.224	91	428470	19.067	ug/l		99
79) tert-butylbenzene	13.442	119	499507	19.653	ug/l		98
80) 1,2,4-Trimethylbenzene	13.489	105	499417	17.543	ug/l		99
81) sec-Butylbenzene	13.619	105	694616	19.136	ug/l		99
82) p-Isopropyltoluene	13.736	119	537232	18.474	ug/l		99
83) 1,3-Dichlorobenzene	13.736	146	257758	18.649	ug/l		99
84) 1,4-Dichlorobenzene	13.819	146	246547	18.385	ug/l		99
85) n-Butylbenzene	14.060	91	408895	17.015	ug/l		99
86) Hexachloroethane	14.336	117	109727	17.738	ug/l		98
87) 1,2-Dichlorobenzene	14.113	146	265518	19.605	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	38653	18.357	ug/l		88
89) 1,2,4-Trichlorobenzene	15.371	180	63217	11.867	ug/l		97
90) Hexachlorobutadiene	15.465	225	54290	19.871	ug/l		98
91) Naphthalene	15.589	128	242866	11.934	ug/l		99
92) 1,2,3-Trichlorobenzene	15.760	180	63327	12.183	ug/l		99

04/24/2023

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

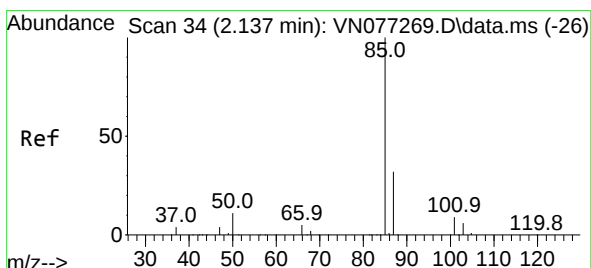
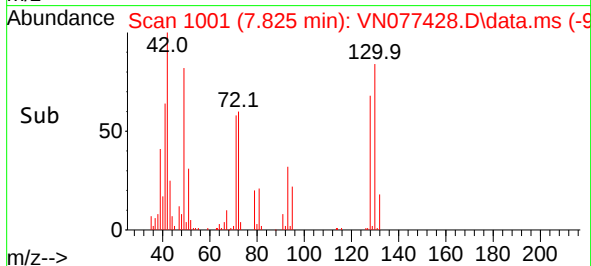
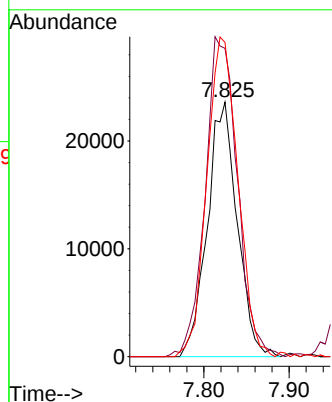
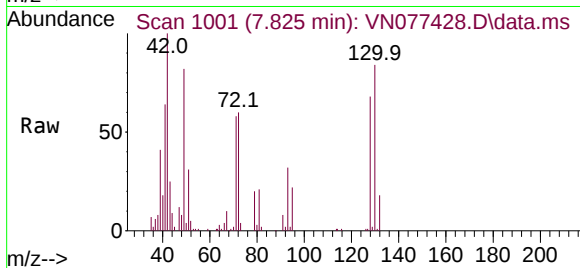
Tgt Ion:128 Resp: 5758
Ion Ratio Lower Upper
128 100
49 134.4 0.0 379.5
130 130.5 0.0 322.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

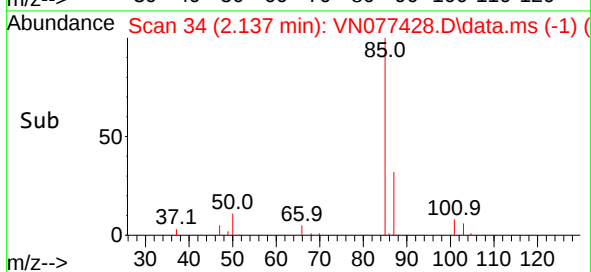
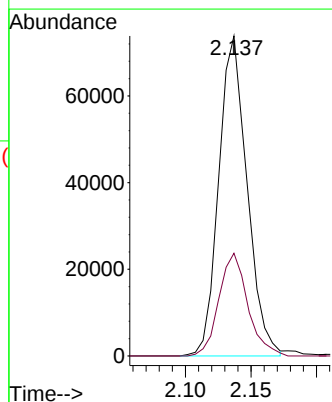
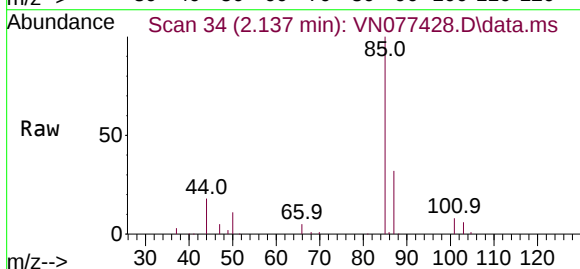
04/24/2023
Supervised By :Mahesh
Dadoda

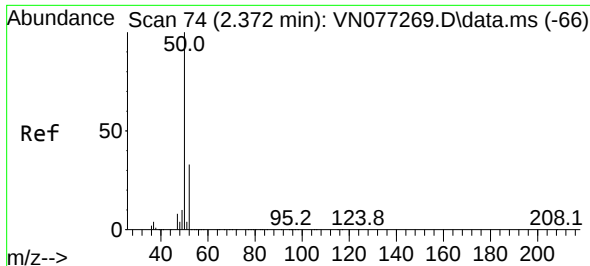
04/24/2023



#2
Dichlorodifluoromethane
Concen: 20.246 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

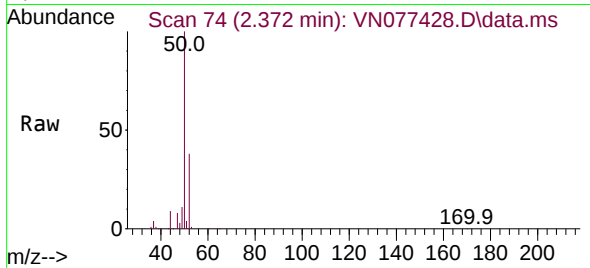
Tgt Ion: 85 Resp: 110833
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 13.672 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



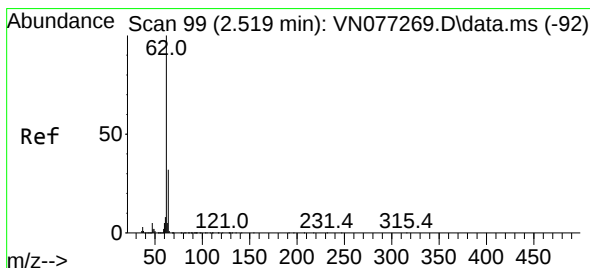
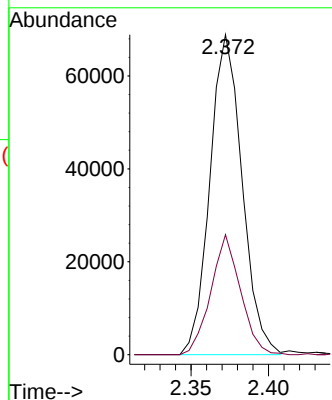
Tgt Ion: 50 Resp: 99434
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

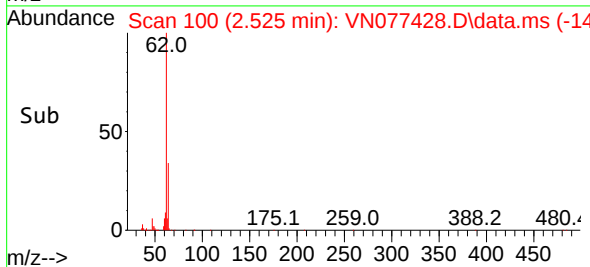
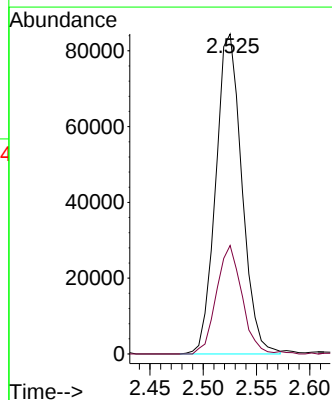
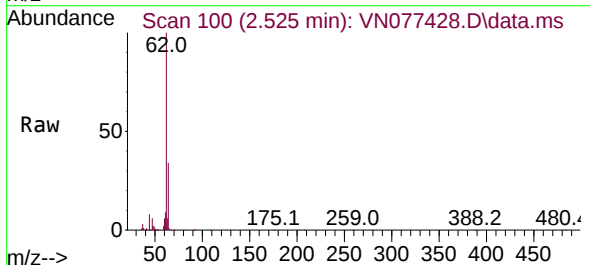
04/24/2023
Supervised By :Mahesh
Dadoda

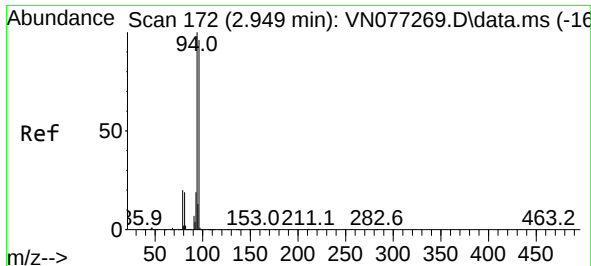
04/24/2023



#4
Vinyl Chloride
Concen: 13.834 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

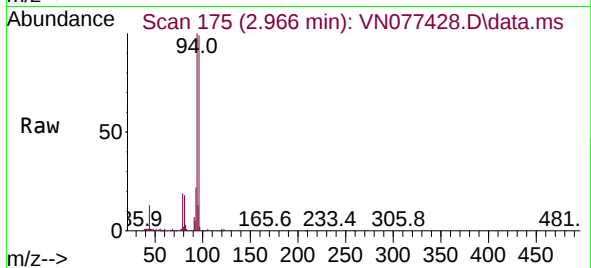
Tgt Ion: 62 Resp: 144111
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0





#5
Bromomethane
Concen: 15.203 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



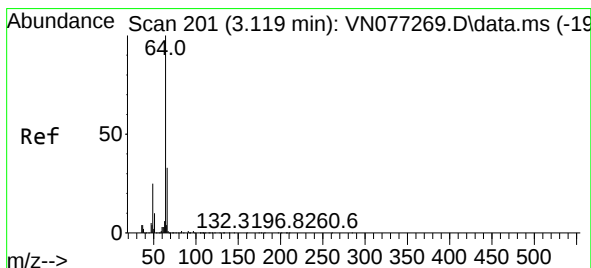
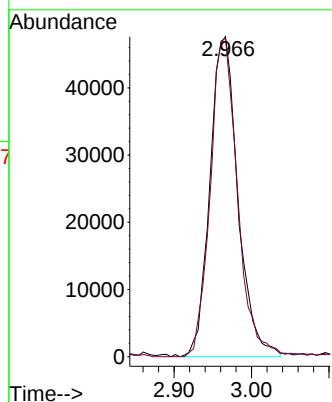
Tgt Ion: 94 Resp: 119339
Ion Ratio Lower Upper
94 100
96 99.4 77.0 115.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

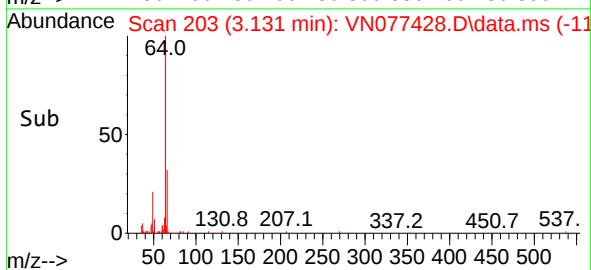
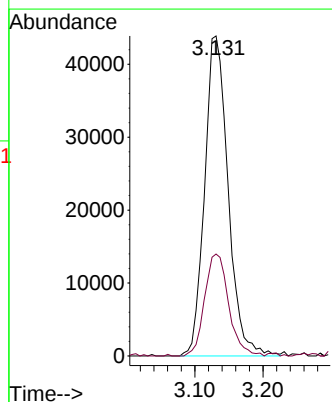
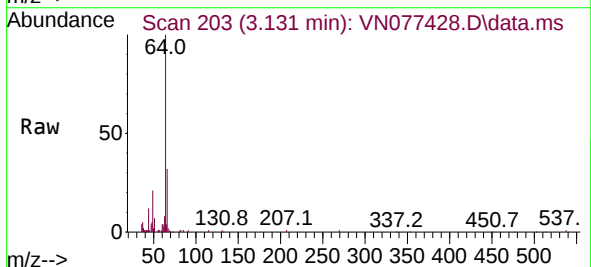
04/24/2023
Supervised By :Mahesh
Dadoda

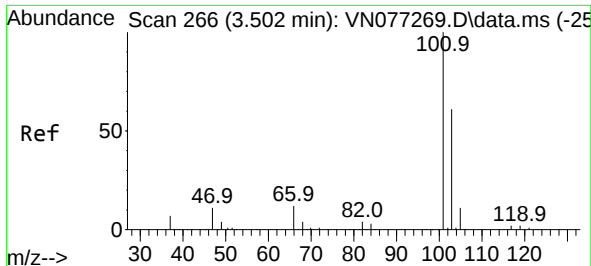
04/24/2023



#6
Chloroethane
Concen: 15.085 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 64 Resp: 105331
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 21.976 ug/l
 RT: 3.507 min Scan# 21315
 Delta R.T. 0.005 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

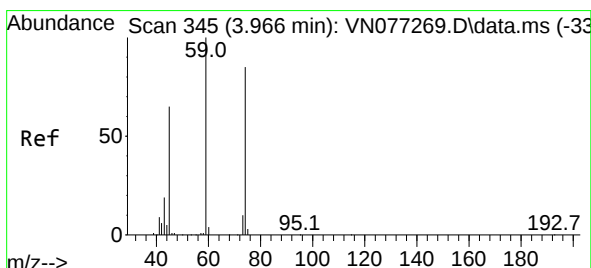
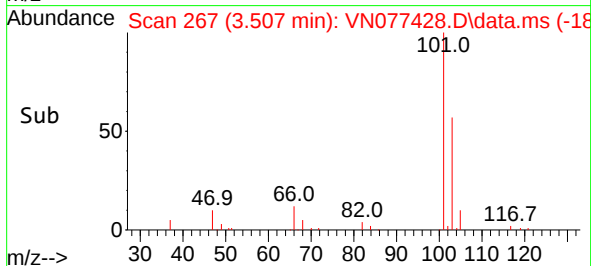
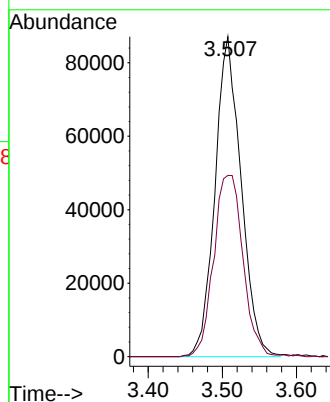
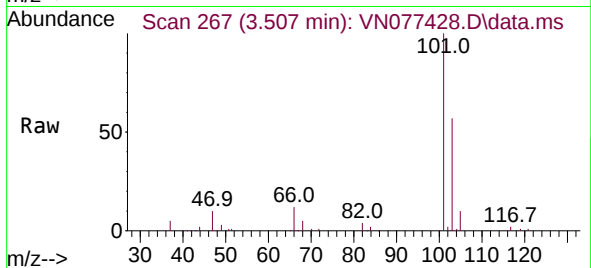
Tgt Ion:101 Resp: 21315
 Ion Ratio Lower Upper
 101 100
 103 56.7 48.9 73.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

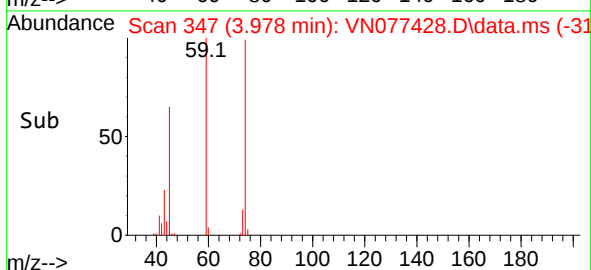
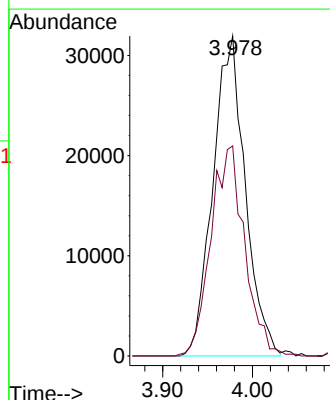
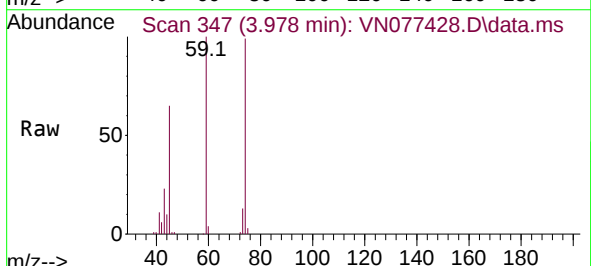
04/24/2023
 Supervised By :Mahesh
 Dadoda

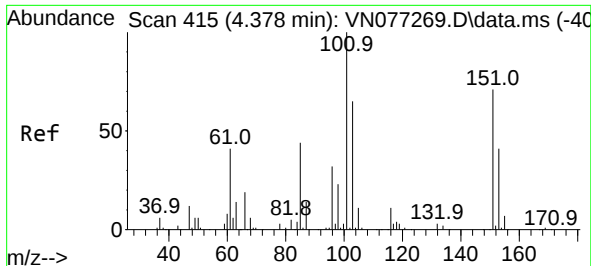
04/24/2023



#8
 Diethyl Ether
 Concen: 19.288 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.012 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

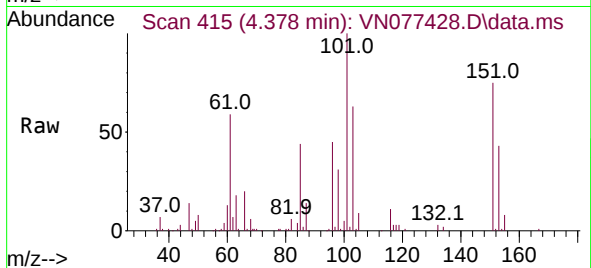
Tgt Ion: 74 Resp: 79742
 Ion Ratio Lower Upper
 74 100
 45 67.8 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.909 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



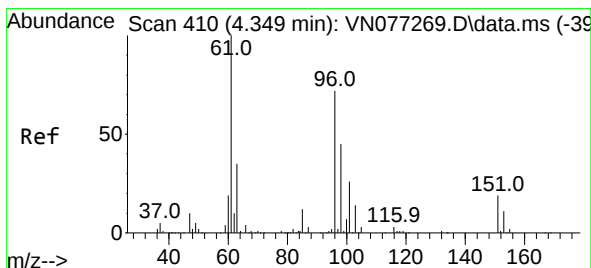
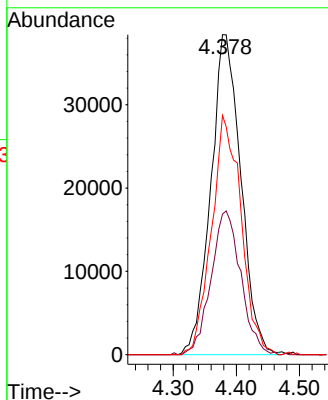
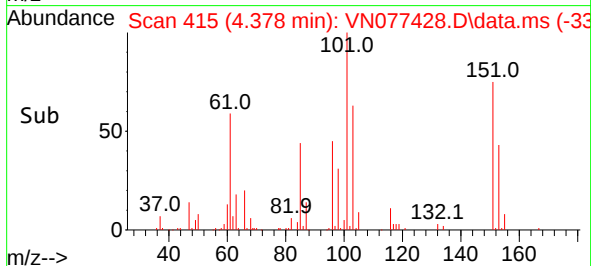
Tgt Ion:101 Resp: 126819
Ion Ratio Lower Upper
101 100
85 44.5 0.0 89.6
151 73.5 0.0 141.6

Manual Integrations
APPROVED

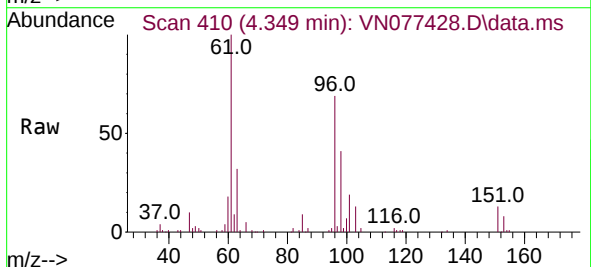
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

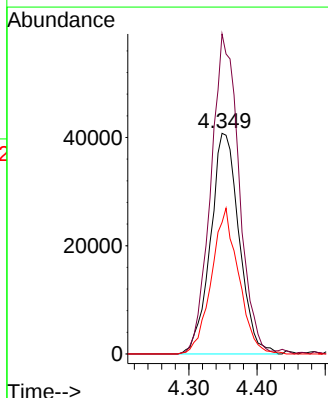
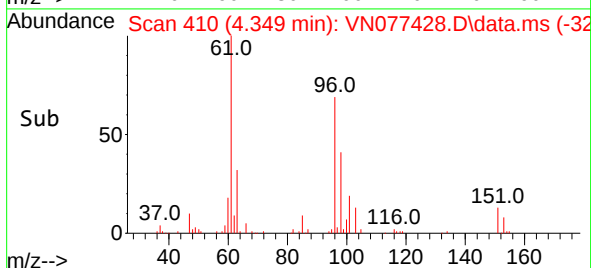
04/24/2023

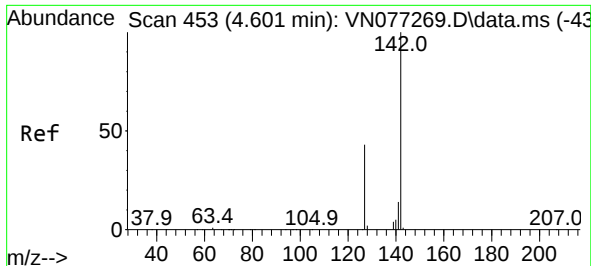


#10
1,1-Dichloroethene
Concen: 19.616 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



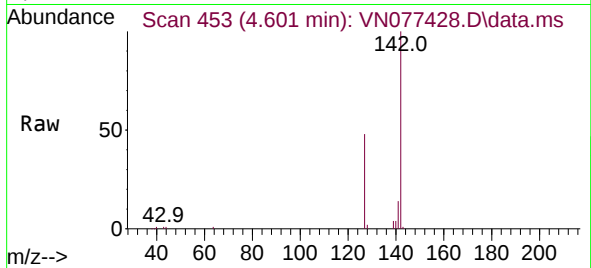
Tgt Ion: 96 Resp: 119021
Ion Ratio Lower Upper
96 100
61 145.0 110.7 166.1
98 59.6 49.6 74.4





#11
Methyl Iodide
Concen: 21.922 ug/l
RT: 4.601 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



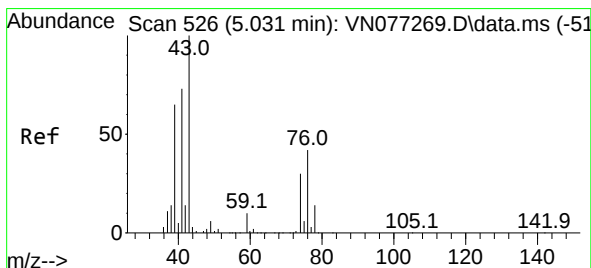
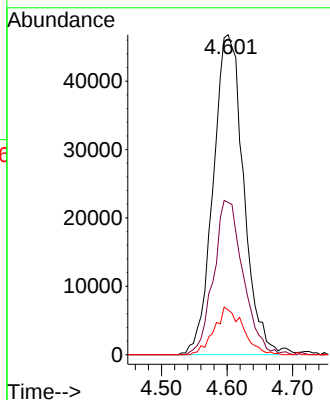
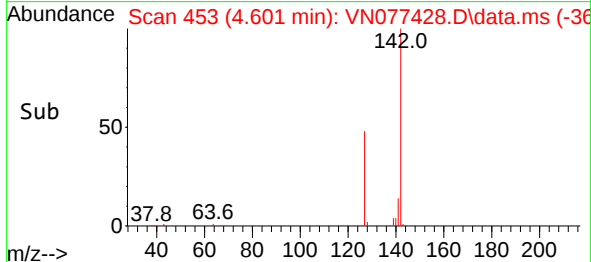
Tgt Ion:142 Resp: 150274
Ion Ratio Lower Upper
142 100
127 47.6 21.3 63.7
141 13.9 7.0 20.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

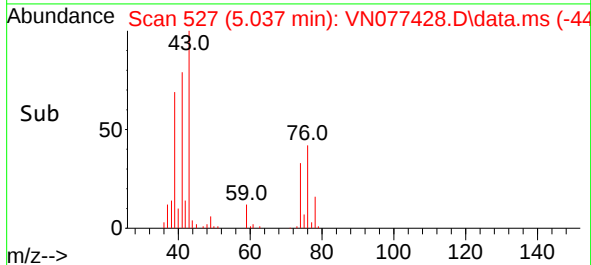
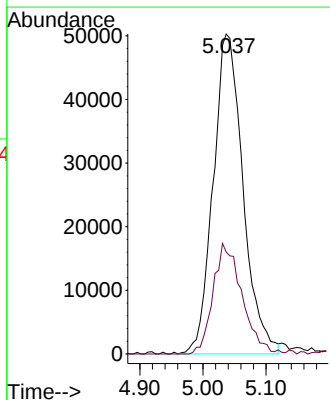
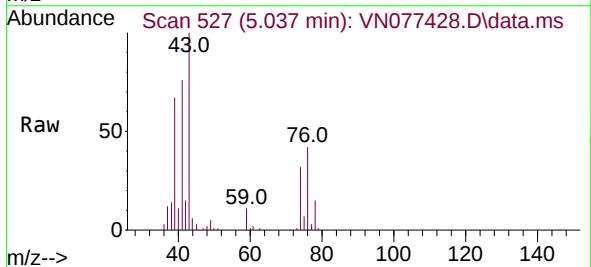
04/24/2023
Supervised By :Mahesh
Dadoda

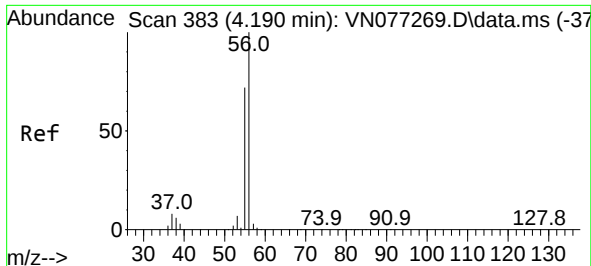
04/24/2023



#12
Methyl Acetate
Concen: 18.251 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

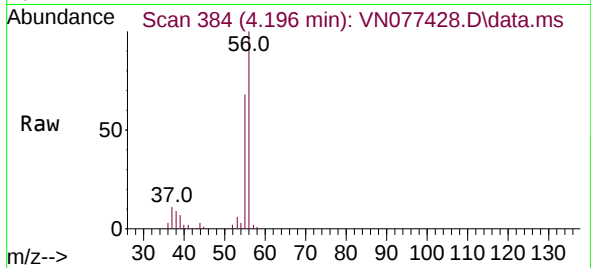
Tgt Ion: 43 Resp: 164988
Ion Ratio Lower Upper
43 100
74 31.8 24.2 36.2





#13
Acrolein
Concen: 104.596 ug/l
RT: 4.196 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



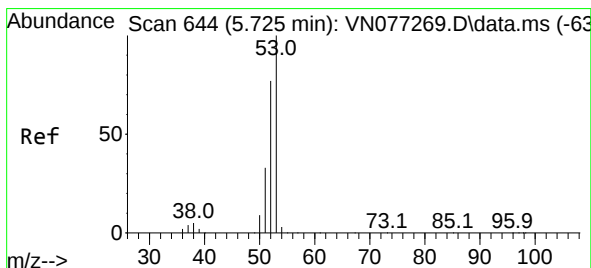
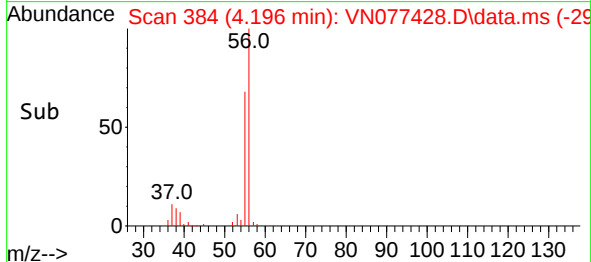
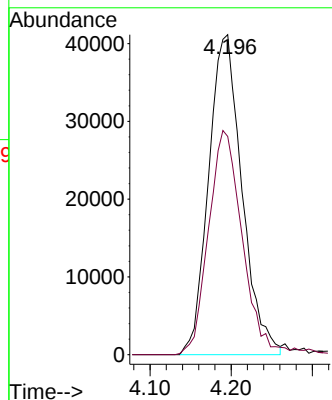
Tgt Ion: 56 Resp: 117368
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

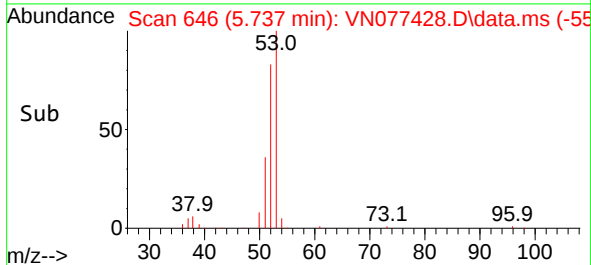
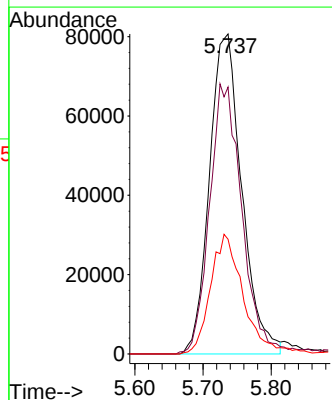
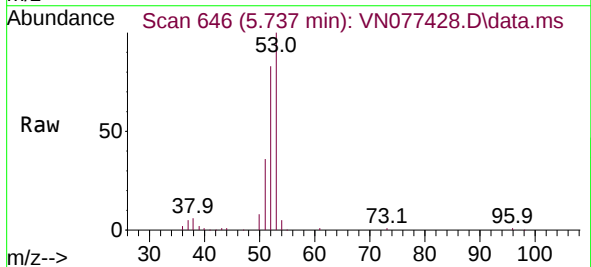
04/24/2023
Supervised By :Mahesh
Dadoda

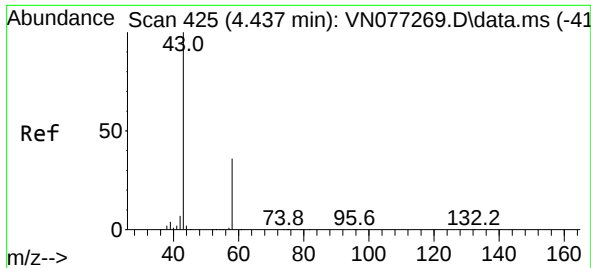
04/24/2023



#14
Acrylonitrile
Concen: 86.207 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

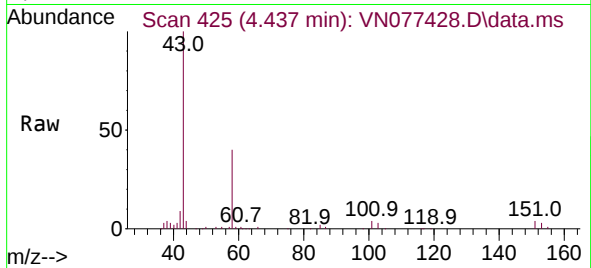
Tgt Ion: 53 Resp: 266386
Ion Ratio Lower Upper
53 100
52 82.9 41.0 123.0
51 36.9 17.7 53.1





#15
Acetone
Concen: 65.968 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



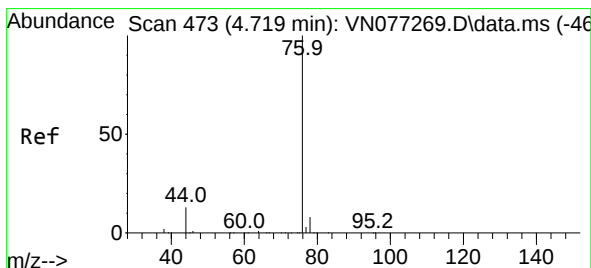
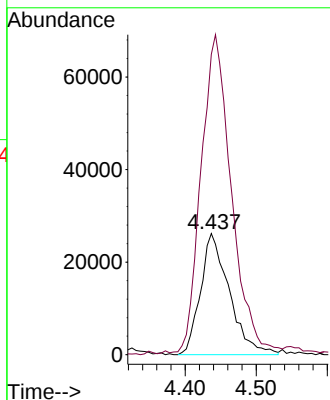
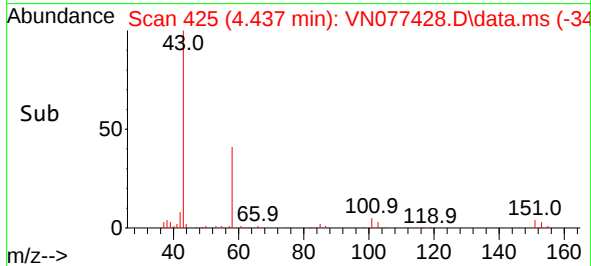
Tgt Ion: 58 Resp: 73952
Ion Ratio Lower Upper
58 100
43 245.4 220.9 331.3

Manual Integrations
APPROVED

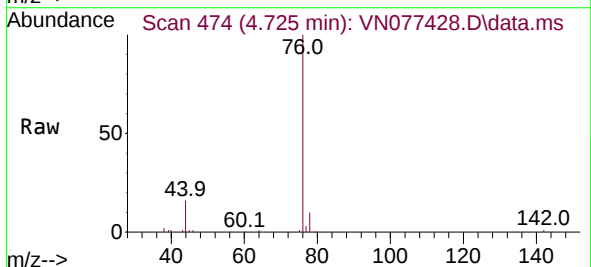
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

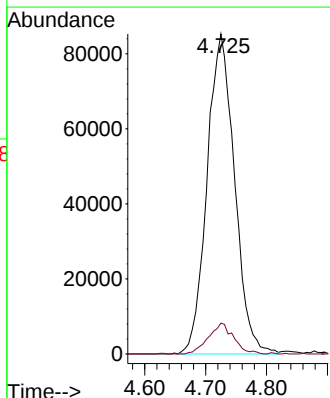
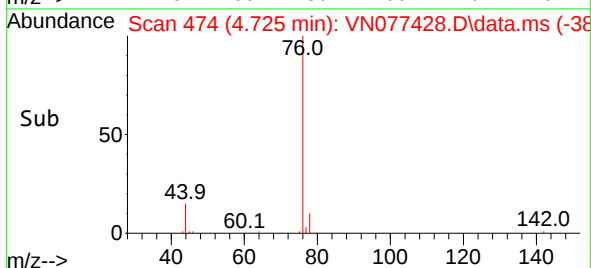
04/24/2023

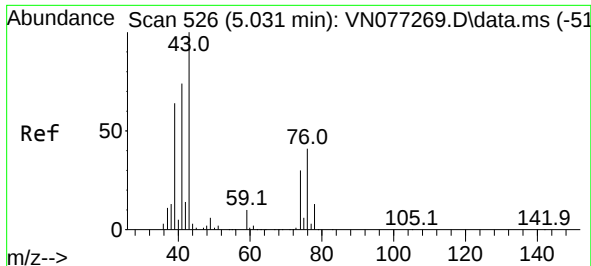


#16
Carbon Disulfide
Concen: 16.702 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



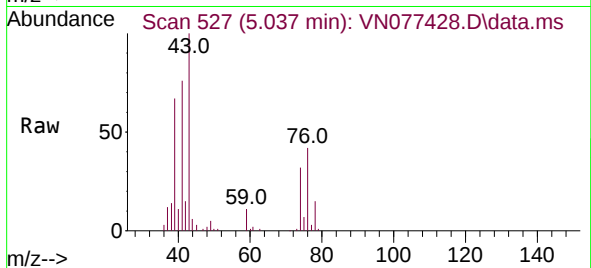
Tgt Ion: 76 Resp: 267492
Ion Ratio Lower Upper
76 100
78 9.7 6.3 9.5#





#17
 Allyl chloride
 Concen: 17.016 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



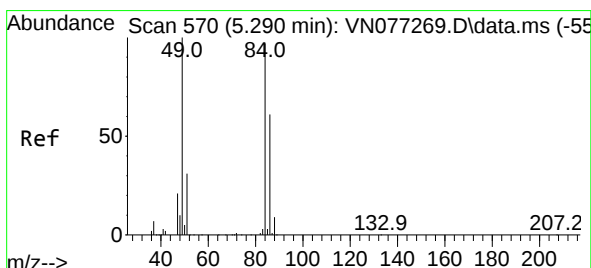
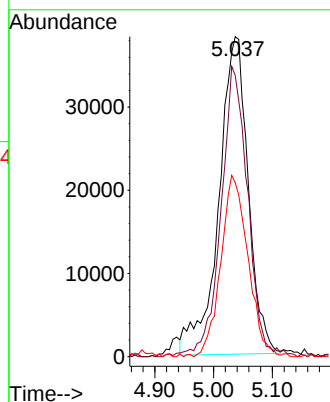
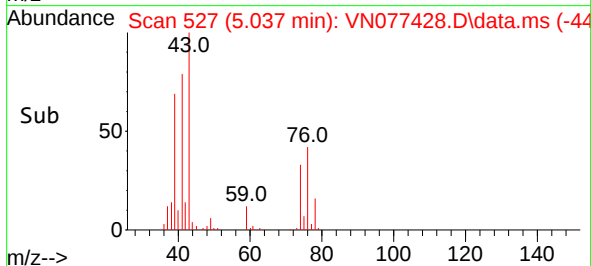
Tgt Ion: 41 Resp: 132910
 Ion Ratio Lower Upper
 41 100
 39 88.2 40.3 120.9
 76 54.8 25.3 75.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

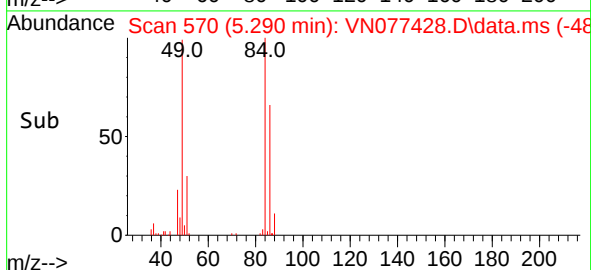
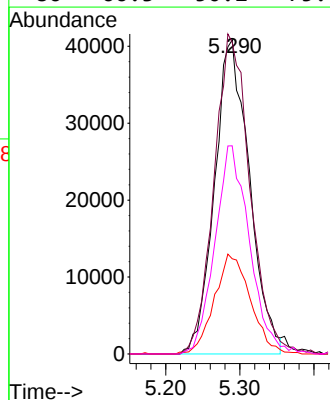
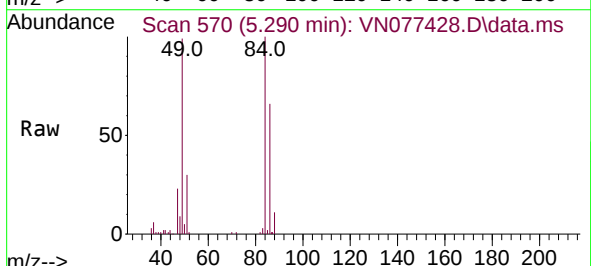
04/24/2023
 Supervised By :Mahesh
 Dadoda

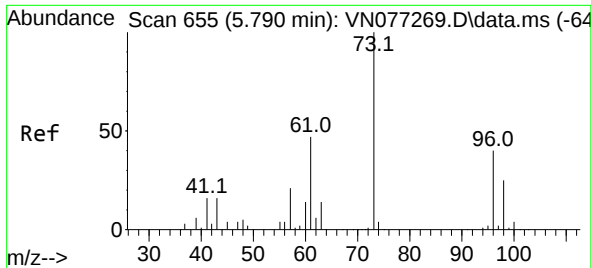
04/24/2023



#18
 Methylene Chloride
 Concen: 18.951 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

Tgt Ion: 84 Resp: 133533
 Ion Ratio Lower Upper
 84 100
 49 99.3 82.7 124.1
 51 29.7 25.6 38.4
 86 66.3 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 19.343 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 127610

Ion Ratio Lower Upper

96 100

61 123.4 94.5 141.7

98 61.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John

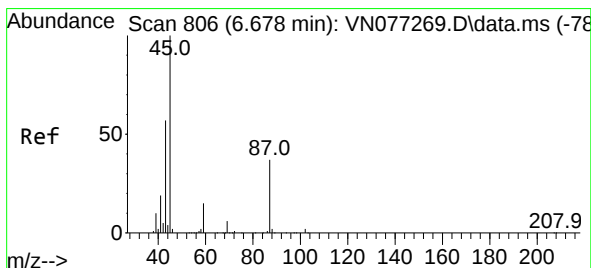
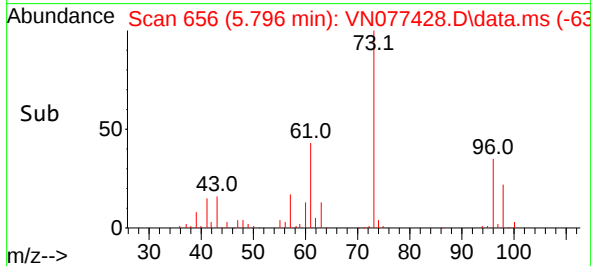
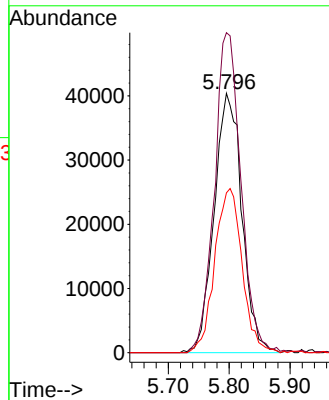
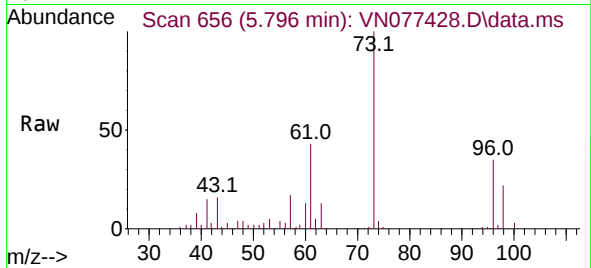
Carlone

04/24/2023

Supervised By :Mahesh

Dadoda

04/24/2023



#20

Diisopropyl ether

Concen: 17.161 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Tgt Ion: 45 Resp: 319466

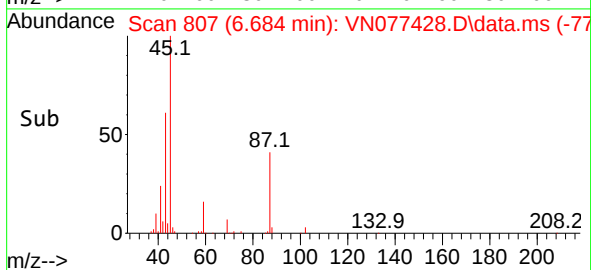
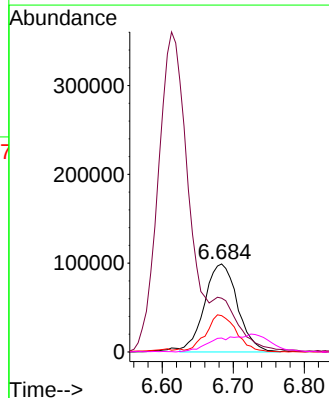
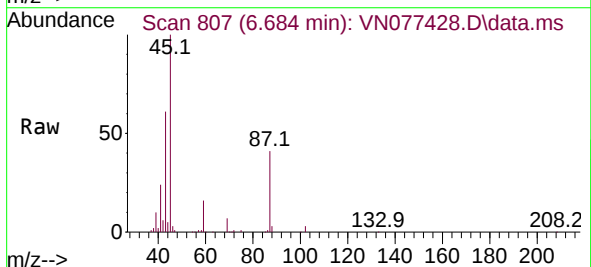
Ion Ratio Lower Upper

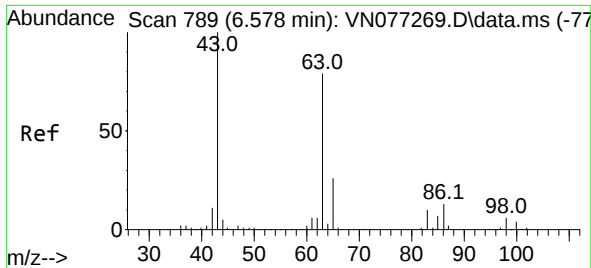
45 100

43 58.3 45.9 68.9

87 41.3 30.1 45.1

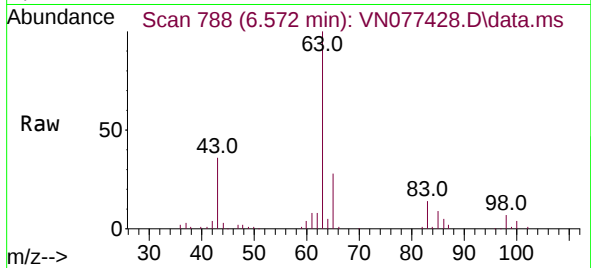
59 15.3 11.5 17.3





#21
1,1-Dichloroethane
Concen: 18.943 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



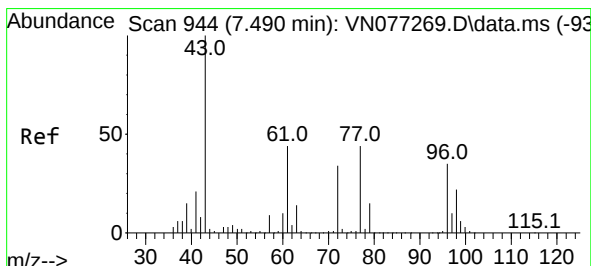
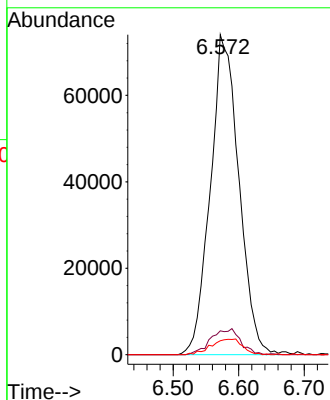
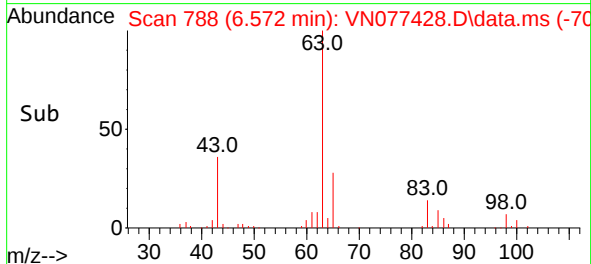
Tgt Ion: 63 Resp: 223519
Ion Ratio Lower Upper
63 100
98 7.4 3.9 11.7
100 4.4 2.3 6.8

Manual Integrations
APPROVED

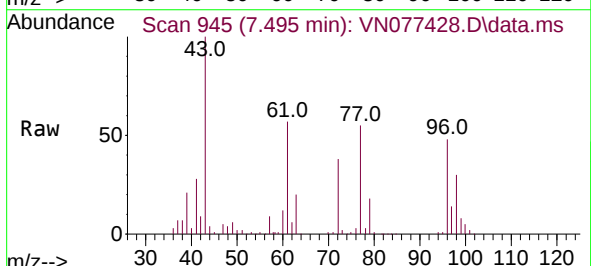
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

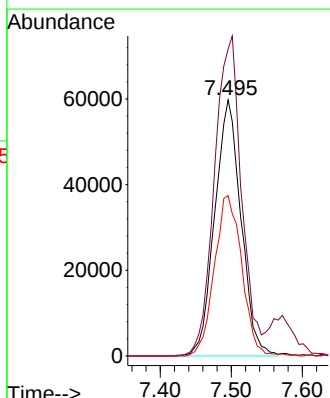
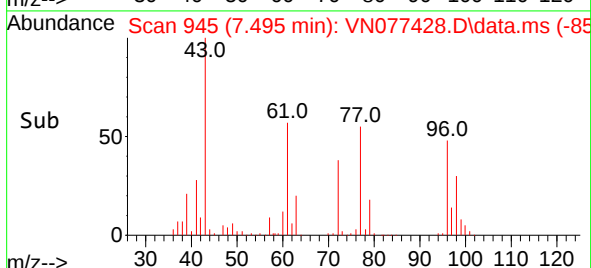
04/24/2023

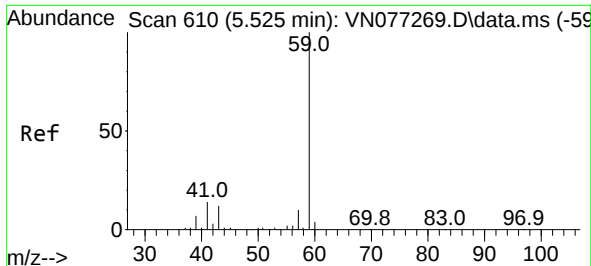


#22
cis-1,2-Dichloroethene
Concen: 19.084 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



Tgt Ion: 96 Resp: 153487
Ion Ratio Lower Upper
96 100
61 128.4 105.5 158.3
98 64.9 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 84.195 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

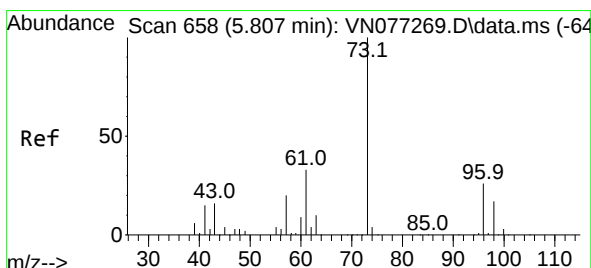
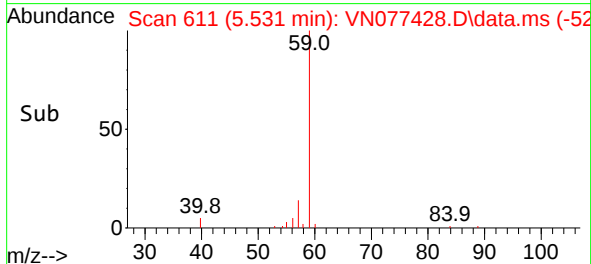
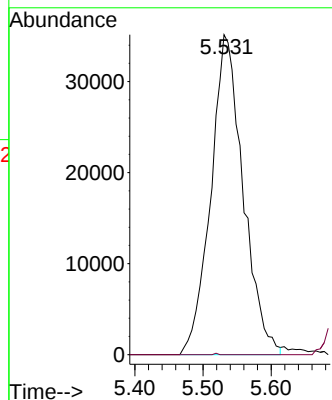
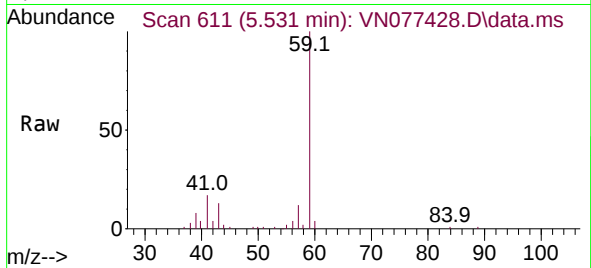
Tgt Ion: 59 Resp: 115684
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

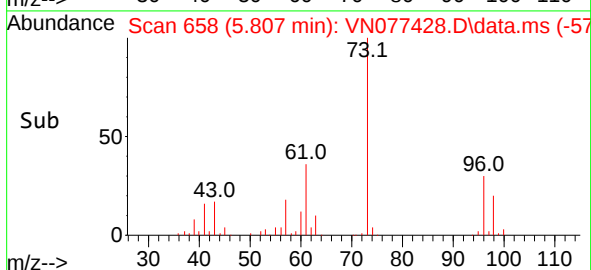
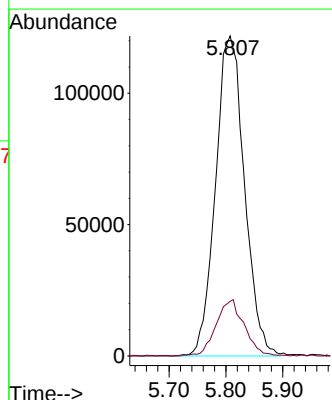
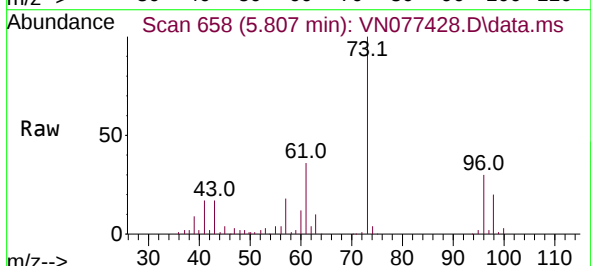
04/24/2023
Supervised By :Mahesh
Dadoda

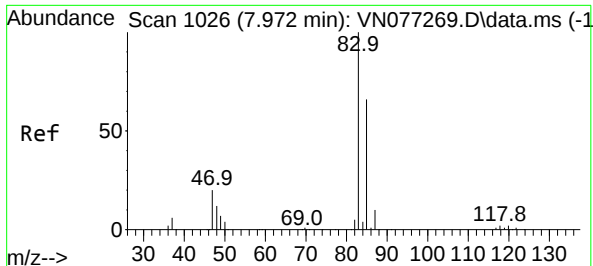
04/24/2023



#24
Methyl tert-Butyl Ether
Concen: 19.726 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 73 Resp: 430897
Ion Ratio Lower Upper
73 100
43 17.1 13.5 20.3





#25

Chloroform

Concen: 20.238 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 25880

Ion Ratio Lower Upper

83 100

85 63.0 52.9 79.3

Manual Integrations

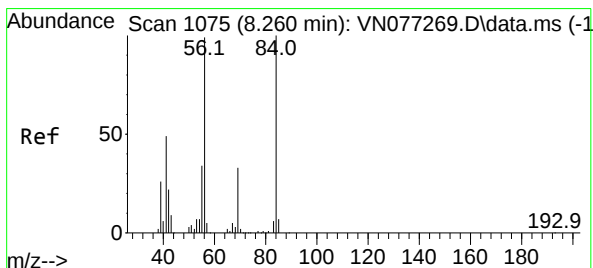
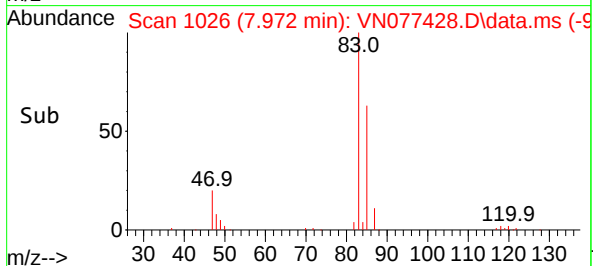
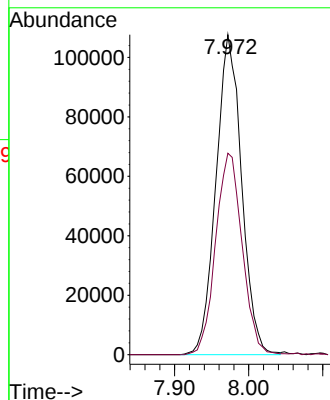
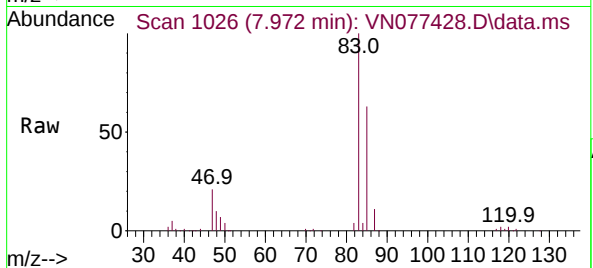
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#26

Cyclohexane

Concen: 17.764 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

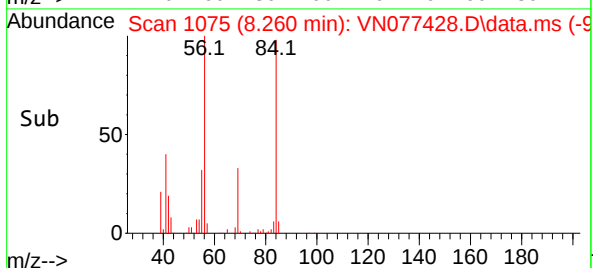
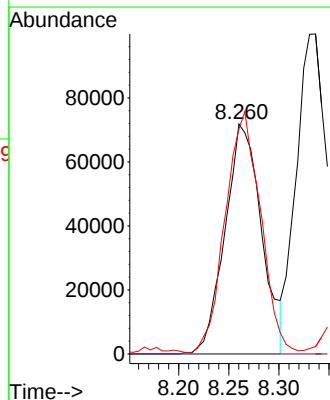
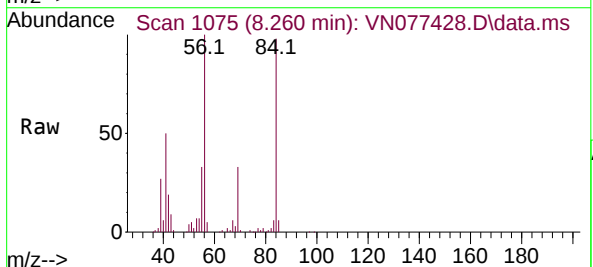
Tgt Ion: 56 Resp: 182142

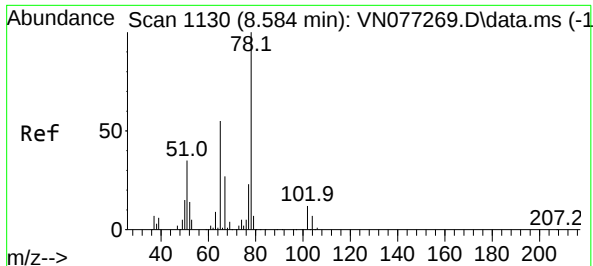
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 102.7 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.420 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0020EC

Tgt Ion: 65 Resp: 14855

Ion Ratio Lower Upper

65 100

67 53.8 41.8 62.6

Manual Integrations

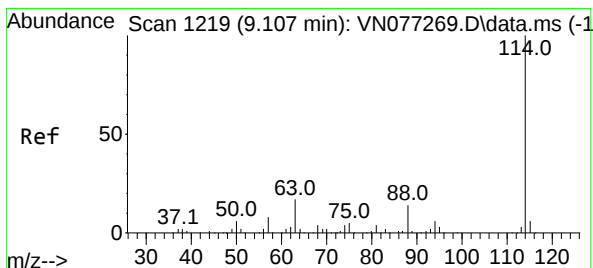
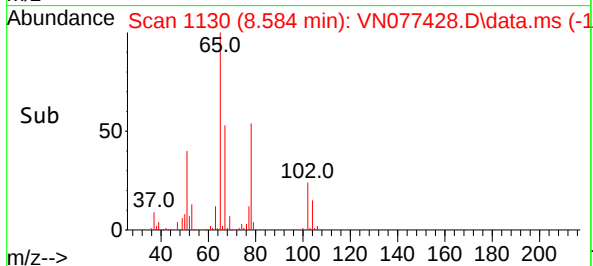
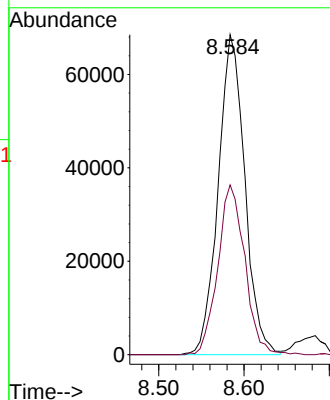
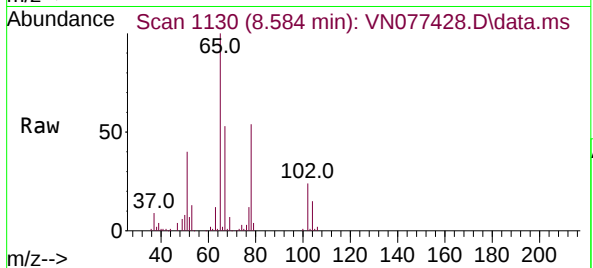
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

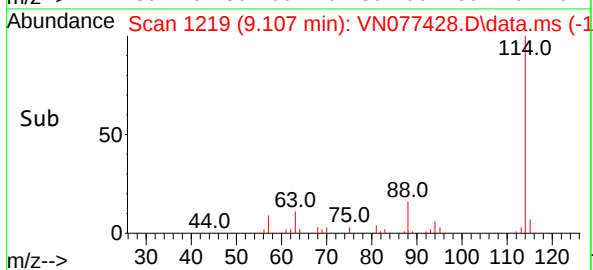
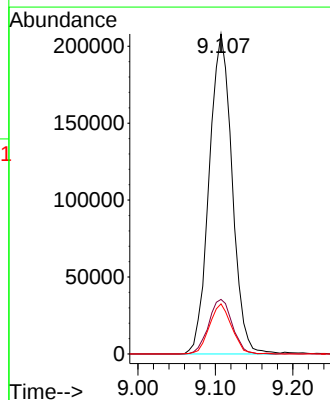
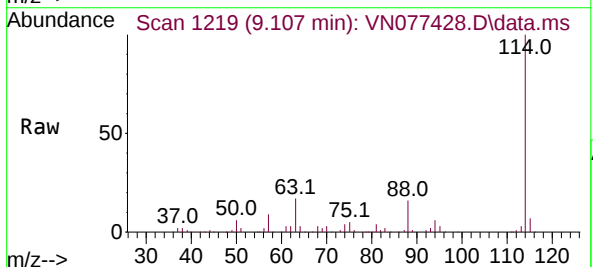
Tgt Ion:114 Resp: 428379

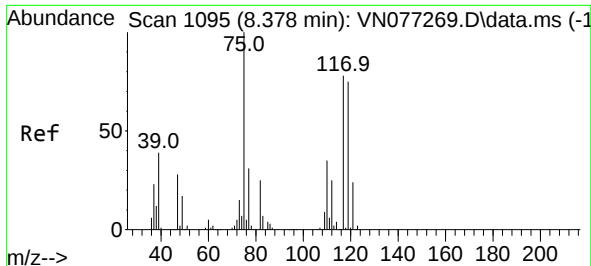
Ion Ratio Lower Upper

114 100

63 17.5 15.0 22.4

88 15.1 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.477 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75	Resp: 18074
Ion Ratio	Lower Upper
75 100	
110 37.3	0.0 72.4
77 20.5	0.0 61.4

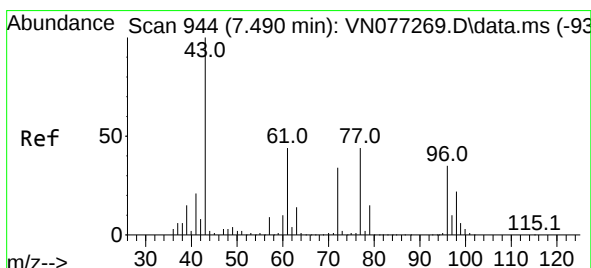
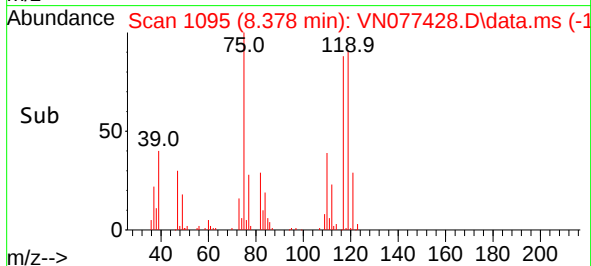
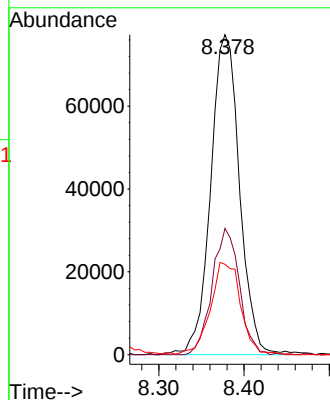
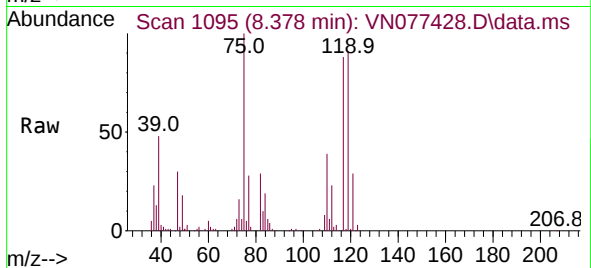
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#30

2-Butanone

Concen: 76.080 ug/l

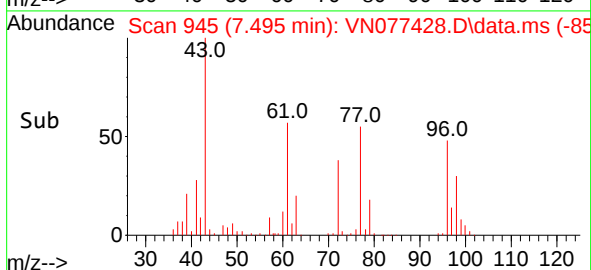
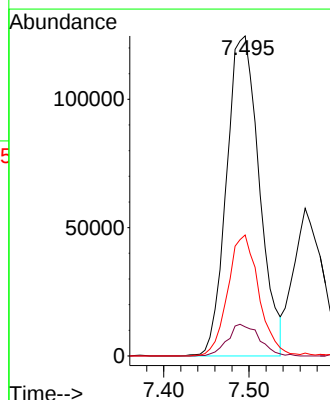
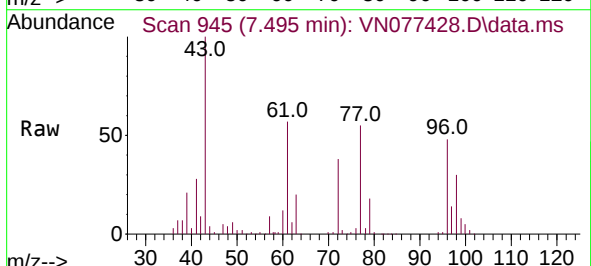
RT: 7.495 min Scan# 945

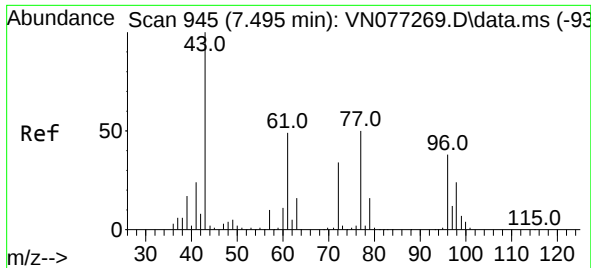
Delta R.T. 0.005 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

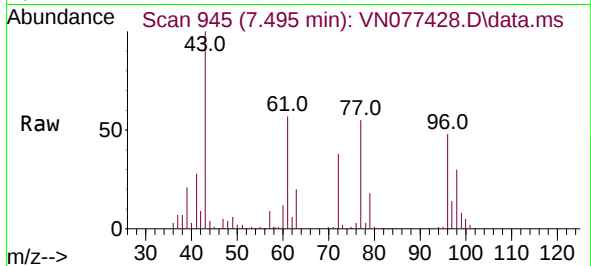
Tgt Ion: 43	Resp: 333864
Ion Ratio	Lower Upper
43 100	
57 9.6	7.5 11.3
72 35.8	26.9 40.3





#31
2,2-Dichloropropane
Concen: 17.534 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



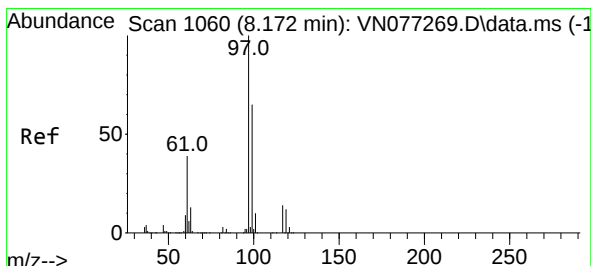
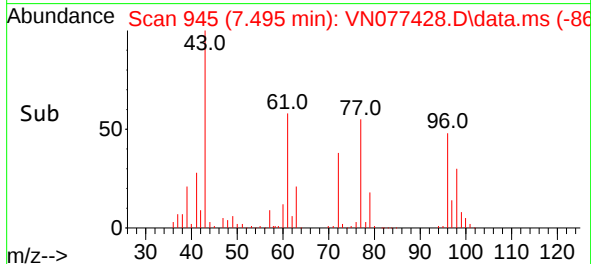
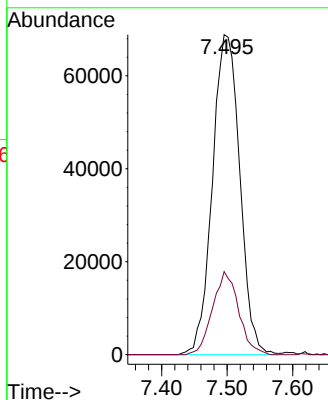
Tgt Ion: 77 Resp: 199750
Ion Ratio Lower Upper
77 100
97 24.6 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

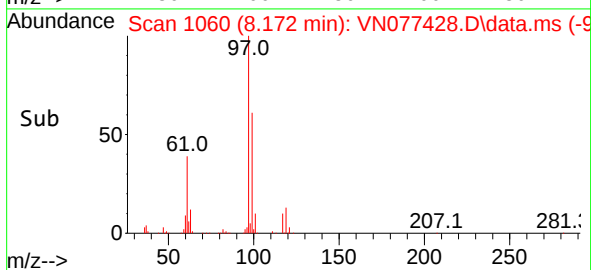
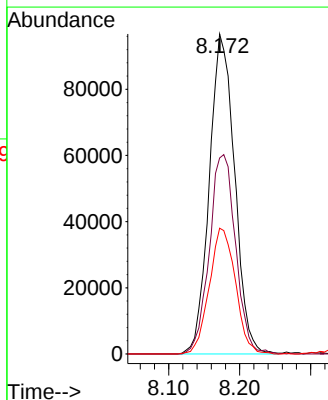
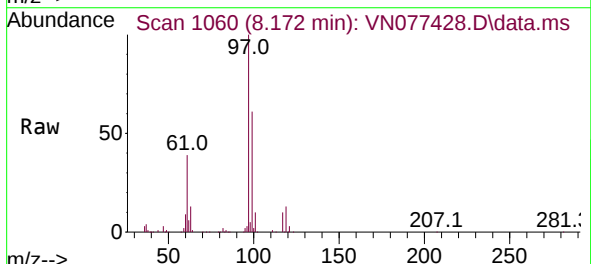
04/24/2023
Supervised By :Mahesh
Dadoda

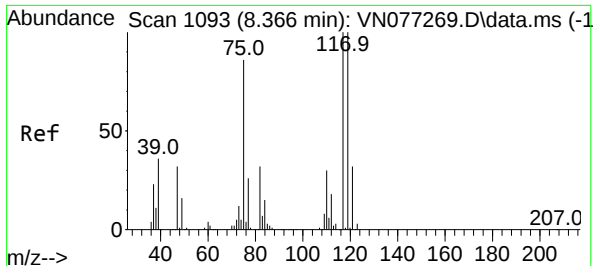
04/24/2023



#32
1,1,1-Trichloroethane
Concen: 20.944 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

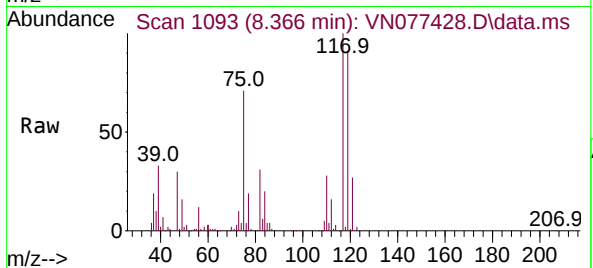
Tgt Ion: 97 Resp: 239183
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 40.6 32.4 48.6





#33
Carbon Tetrachloride
Concen: 20.471 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



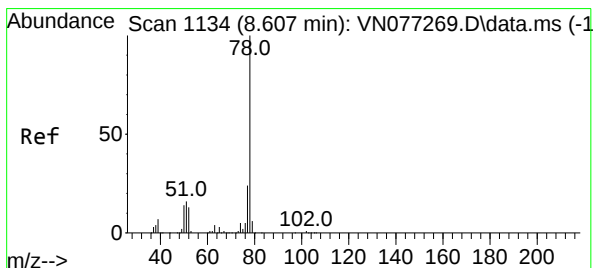
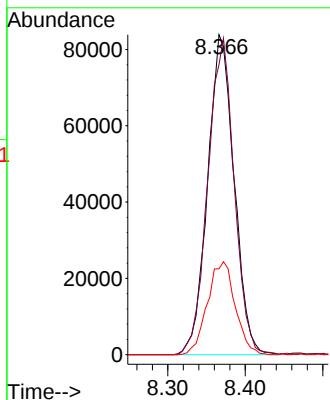
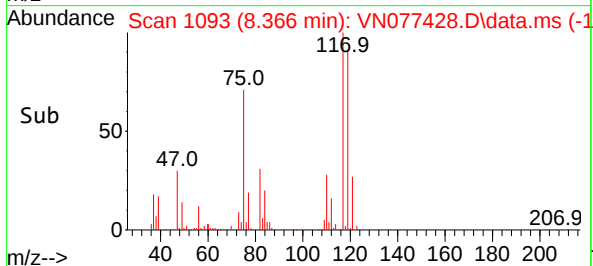
Tgt Ion: 117 Resp: 199530
Ion Ratio Lower Upper
117 100
119 90.4 80.2 120.4
121 26.8 26.0 39.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

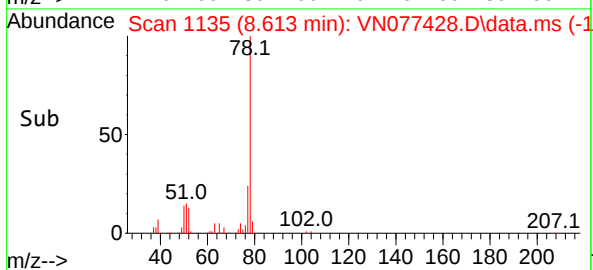
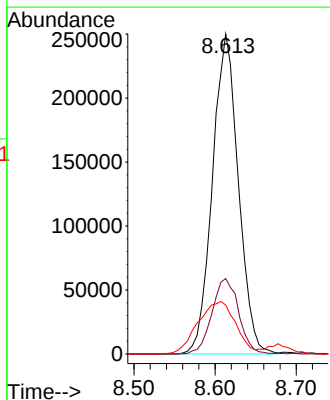
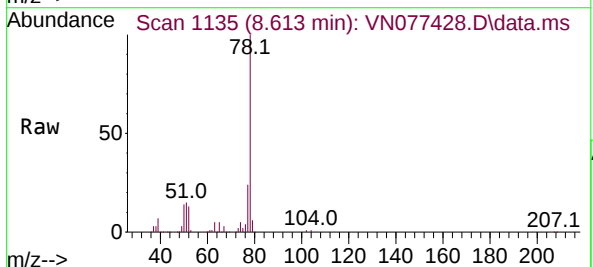
04/24/2023
Supervised By :Mahesh
Dadoda

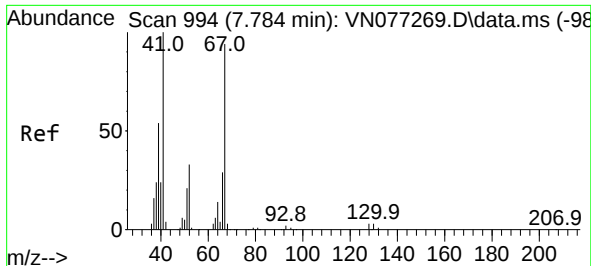
04/24/2023



#34
Benzene
Concen: 19.323 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

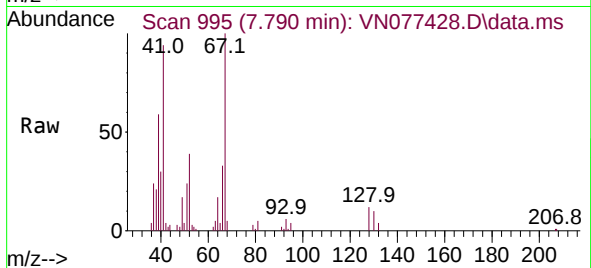
Tgt Ion: 78 Resp: 554824
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 14.1 12.6 19.0





#35
Methacrylonitrile
Concen: 17.646 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



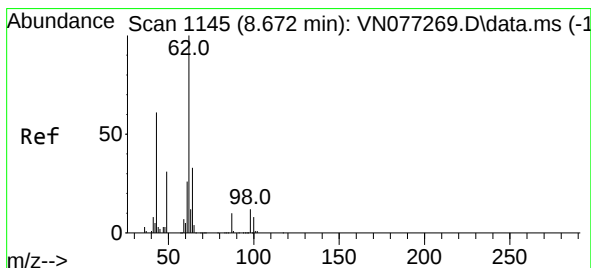
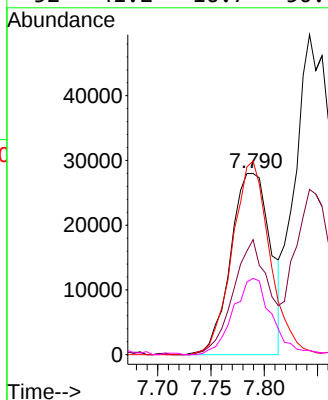
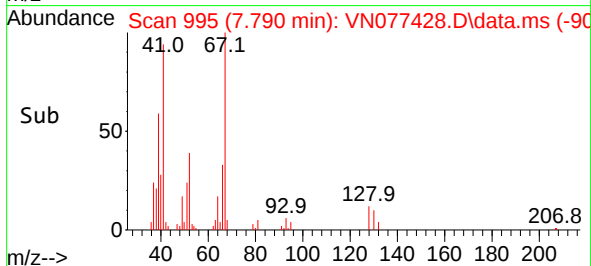
Tgt Ion: 41 Resp: 72945
Ion Ratio Lower Upper
41 100
39 62.7 27.1 81.2
67 106.8 46.8 140.4
52 41.2 16.7 50.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

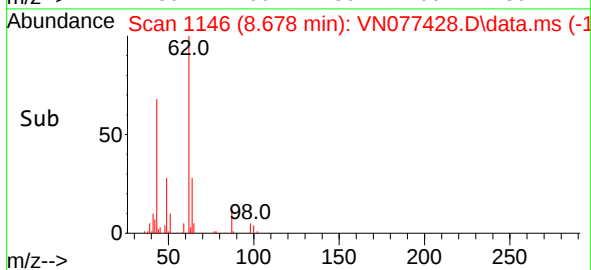
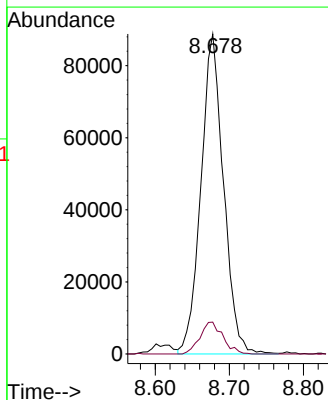
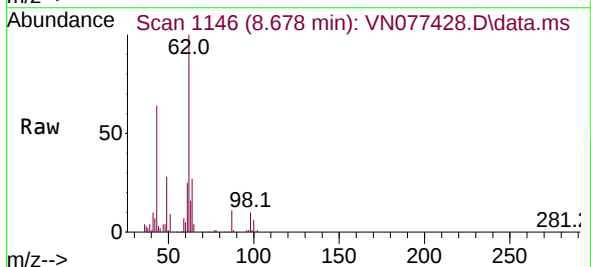
04/24/2023
Supervised By :Mahesh
Dadoda

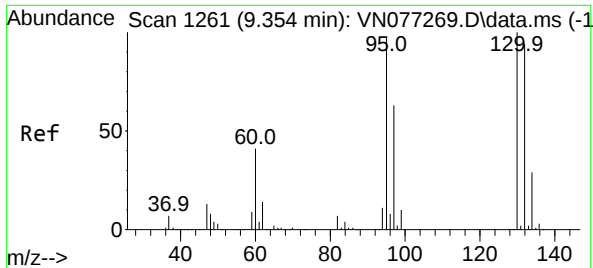
04/24/2023



#36
1,2-Dichloroethane
Concen: 20.921 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 62 Resp: 188331
Ion Ratio Lower Upper
62 100
98 10.1 8.3 12.5





#37

Trichloroethene

Concen: 20.170 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 141659

Ion Ratio Lower Upper

130 100

95 97.5 77.5 116.3

Manual Integrations

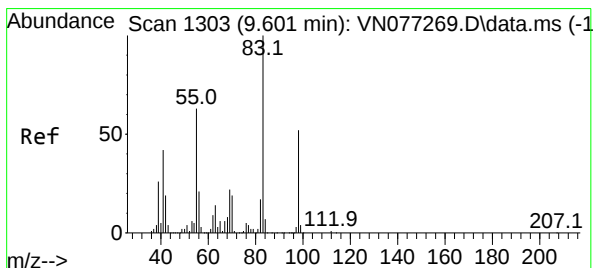
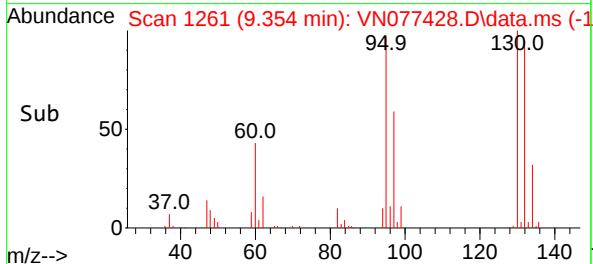
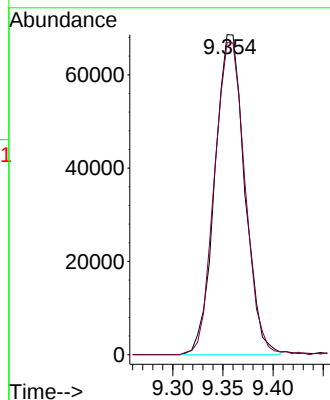
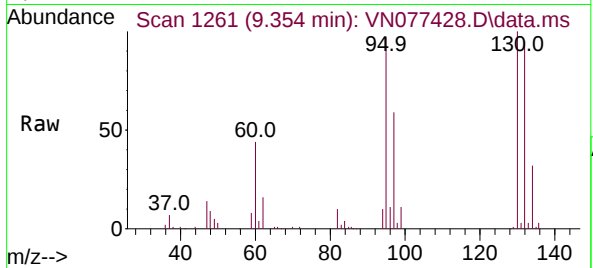
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#38

Methylcyclohexane

Concen: 18.247 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

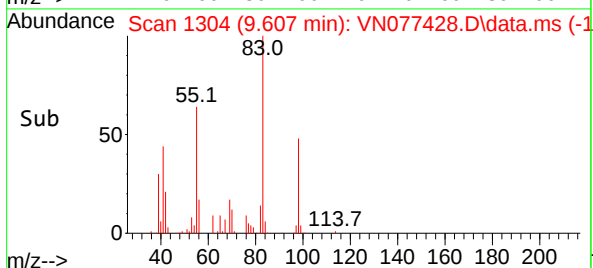
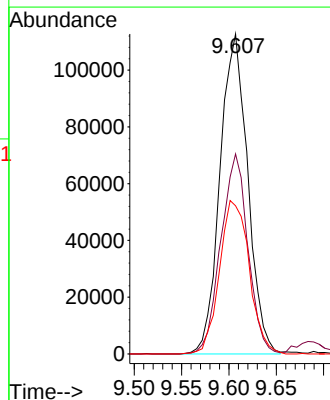
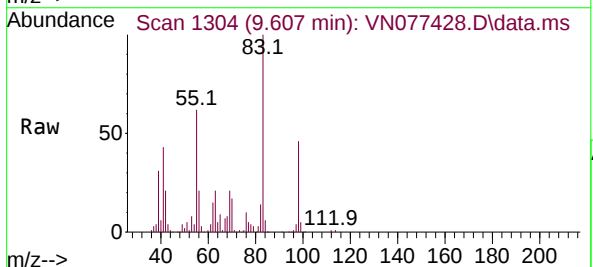
Tgt Ion: 83 Resp: 229652

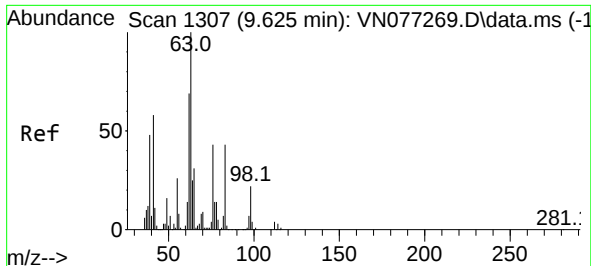
Ion Ratio Lower Upper

83 100

55 61.1 32.0 96.2

98 51.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 18.928 ug/l

RT: 9.631 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077428.D

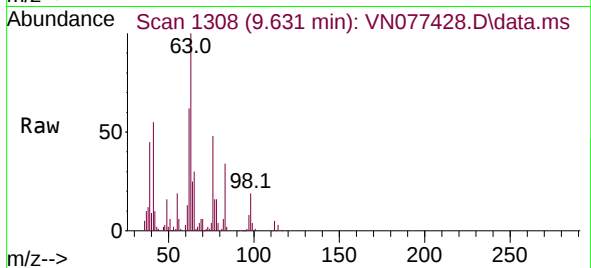
Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 134920

Ion Ratio Lower Upper

63 100

65 29.8 24.8 37.2

Manual Integrations

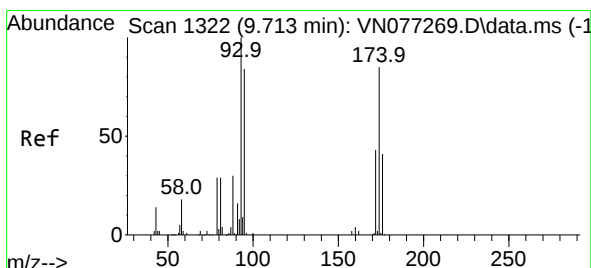
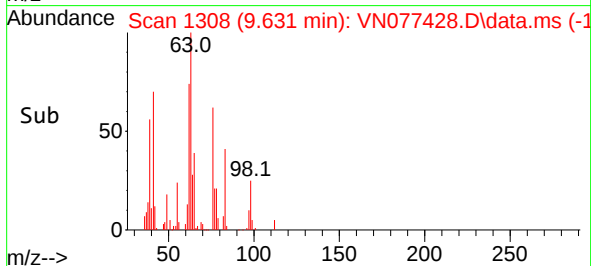
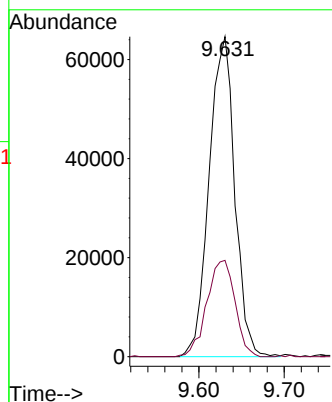
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#40

Dibromomethane

Concen: 20.111 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

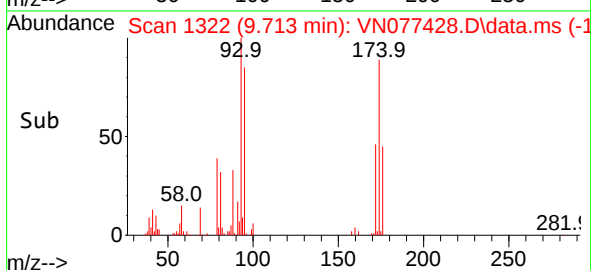
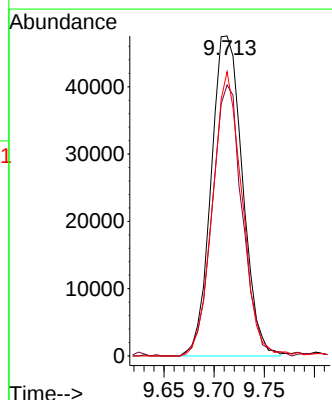
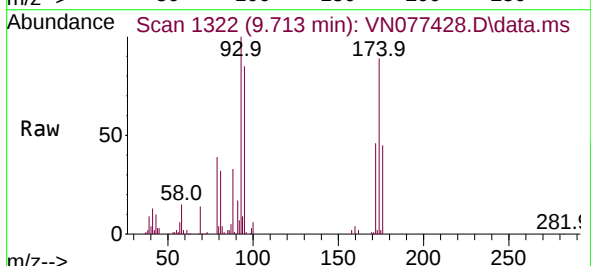
Tgt Ion: 93 Resp: 103285

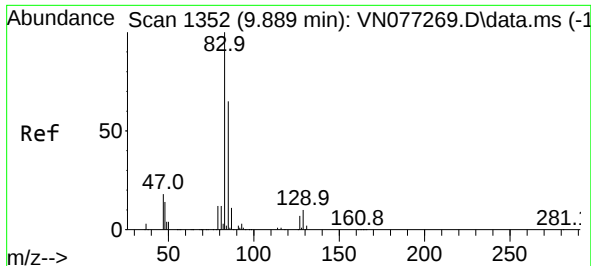
Ion Ratio Lower Upper

93 100

95 81.4 0.0 166.4

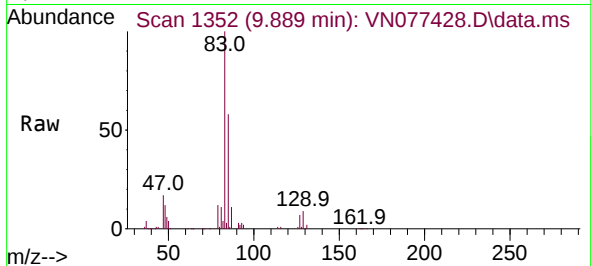
174 82.5 0.0 164.8





#41
Bromodichloromethane
Concen: 19.907 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



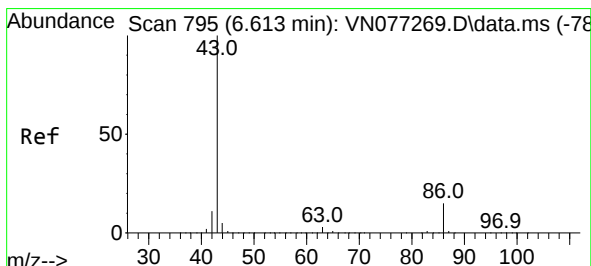
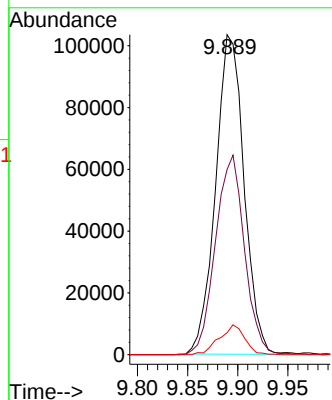
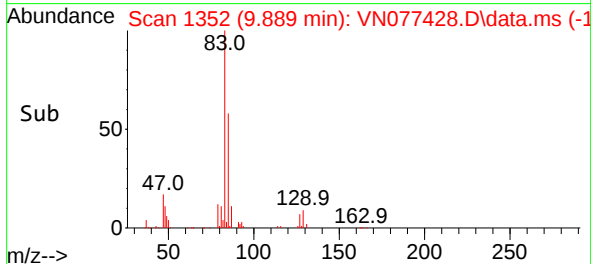
Tgt Ion: 83 Resp: 20386
Ion Ratio Lower Upper
83 100
85 58.0 52.3 78.5
127 6.9 5.9 8.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

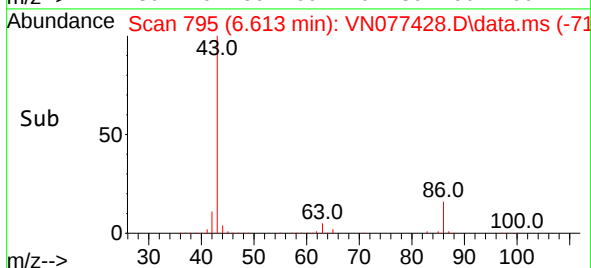
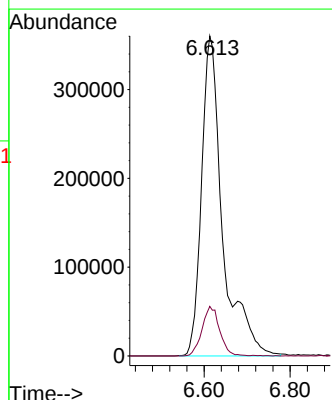
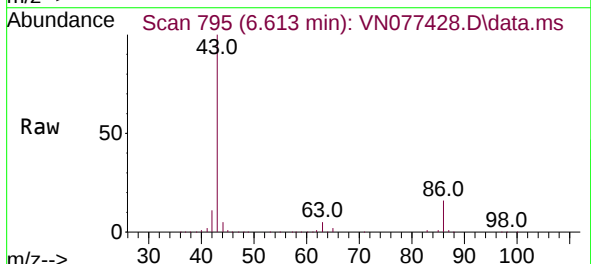
04/24/2023
Supervised By :Mahesh
Dadoda

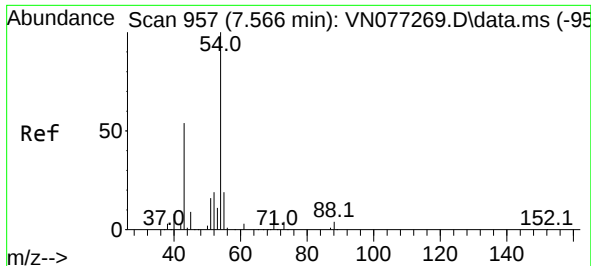
04/24/2023



#42
Vinyl Acetate
Concen: 96.401 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

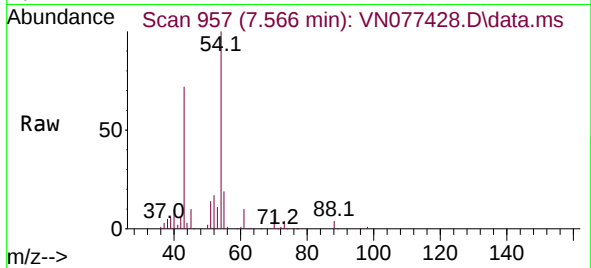
Tgt Ion: 43 Resp: 1224361
Ion Ratio Lower Upper
43 100
86 12.9 0.0 0.0#





#43
Ethyl Acetate
Concen: 17.689 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



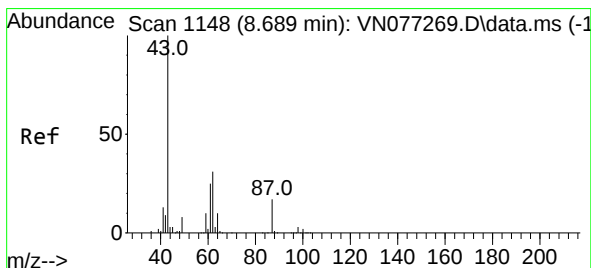
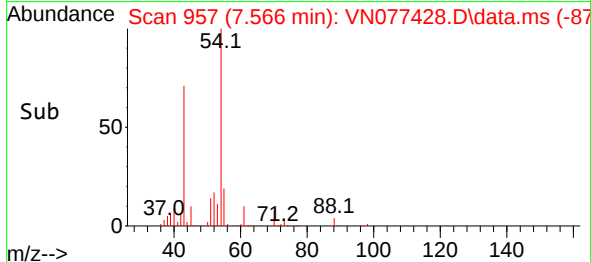
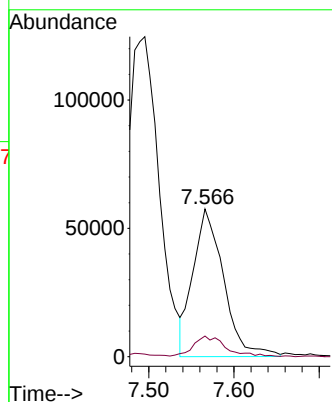
Tgt Ion: 43 Resp: 143611
Ion Ratio Lower Upper
43 100
45 7.4 12.3 18.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

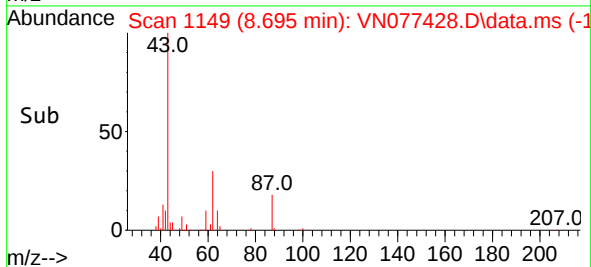
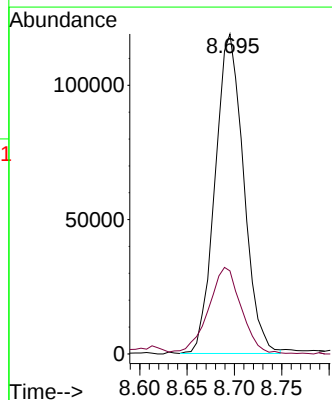
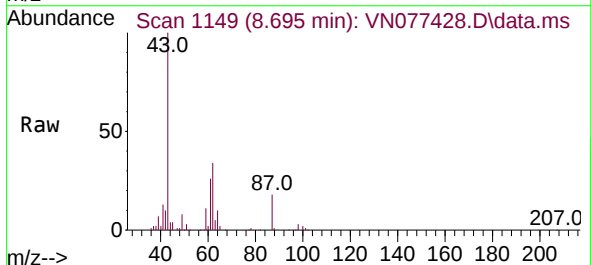
04/24/2023
Supervised By :Mahesh
Dadoda

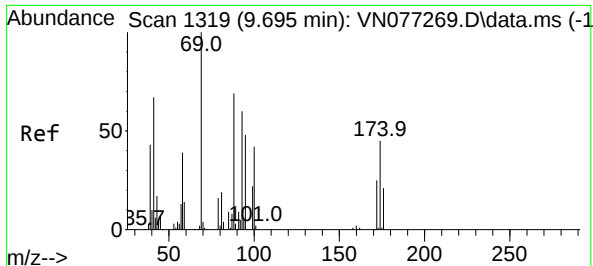
04/24/2023



#44
Isopropyl Acetate
Concen: 17.132 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 43 Resp: 249045
Ion Ratio Lower Upper
43 100
61 31.0 0.0 0.0#





#45

1,4-Dioxane

Concen: 375.330 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88	Resp: 5754
Ion Ratio	Lower Upper
88 100	
43 23.2	17.4 26.0
58 55.8	48.2 72.4

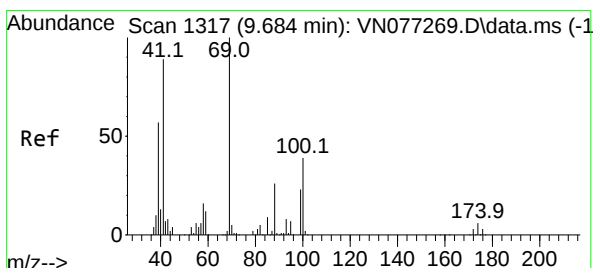
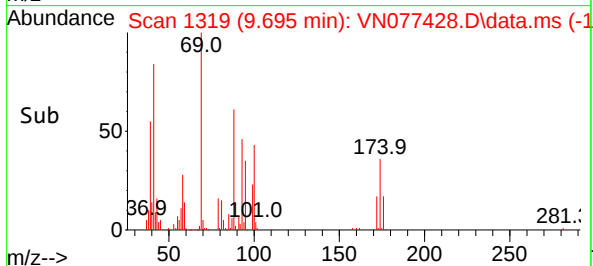
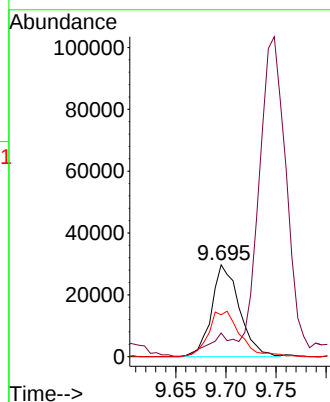
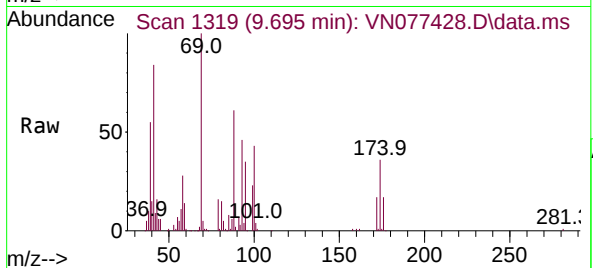
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#46

Methyl methacrylate

Concen: 17.727 ug/l

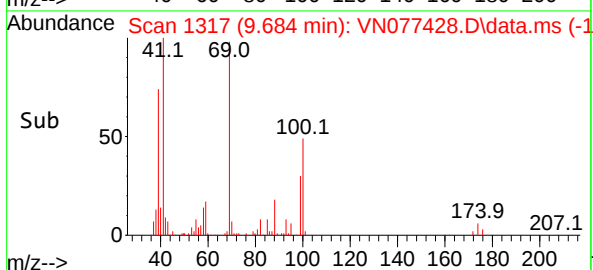
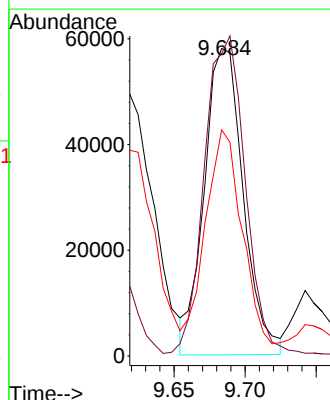
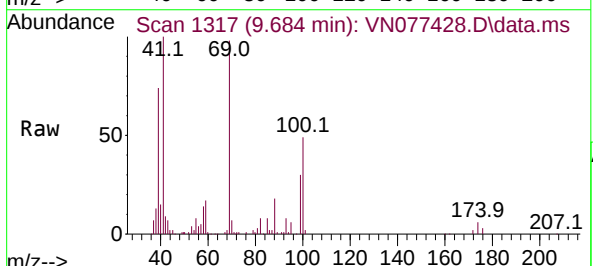
RT: 9.684 min Scan# 1317

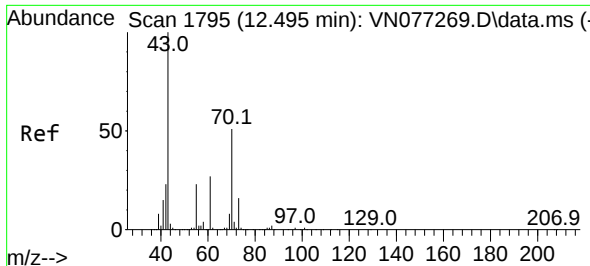
Delta R.T. -0.000 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

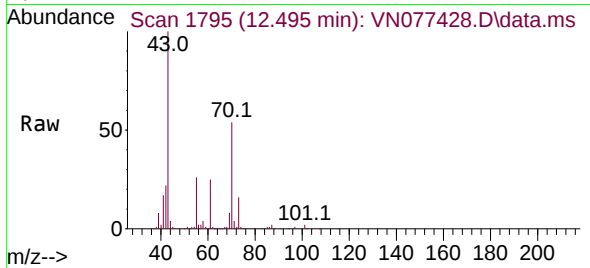
Tgt Ion: 41	Resp: 110950
Ion Ratio	Lower Upper
41 100	
69 100.8	54.5 163.5
39 73.4	33.4 100.2





#47
n-amyl acetate
Concen: 15.996 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



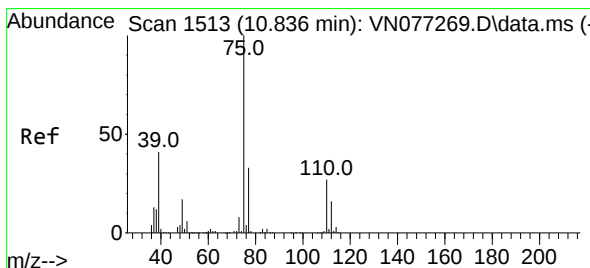
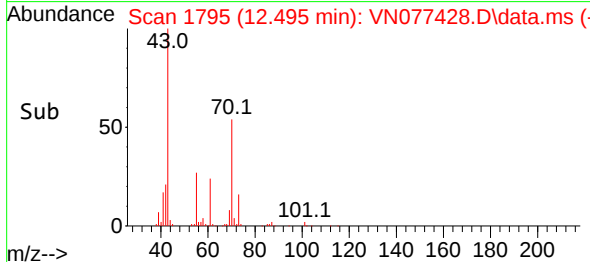
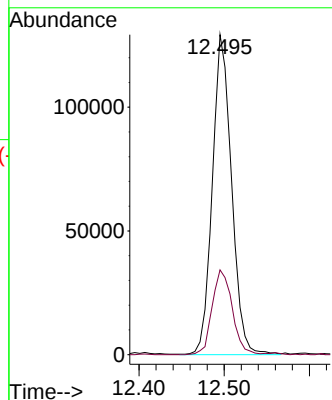
Tgt Ion: 43 Resp: 203208
Ion Ratio Lower Upper
43 100
55 27.6 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

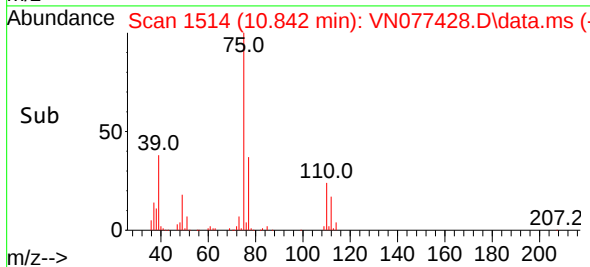
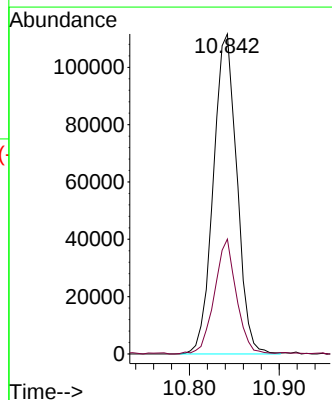
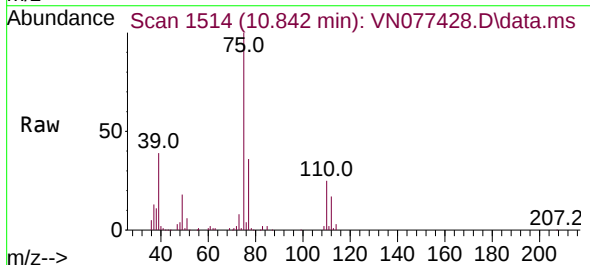
04/24/2023
Supervised By :Mahesh
Dadoda

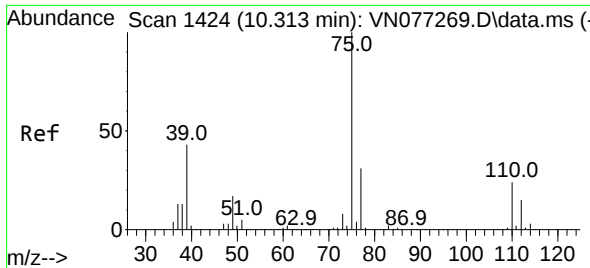
04/24/2023



#48
t-1,3-Dichloropropene
Concen: 17.762 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 75 Resp: 203573
Ion Ratio Lower Upper
75 100
77 35.7 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 18.231 ug/l

RT: 10.319 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 22228

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6
39	37.6	34.4	51.6

Manual Integrations

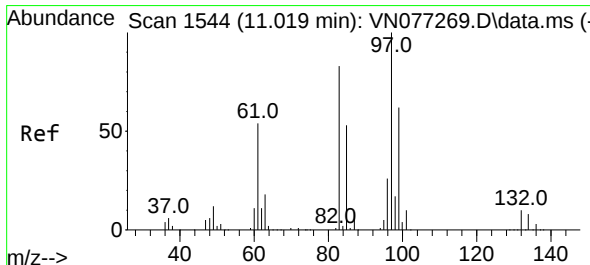
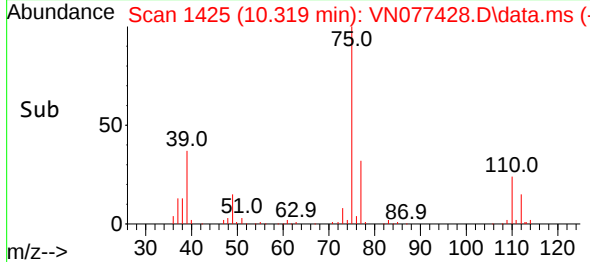
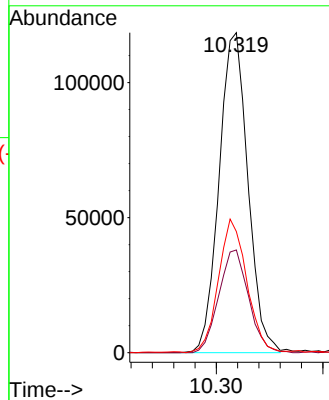
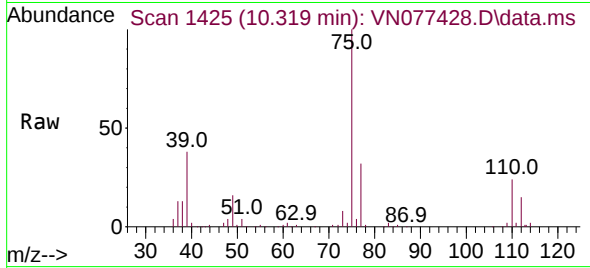
APPROVED

Reviewed By :John
Carlone

04/24/2023

Supervised By :Mahesh
Dadoda

04/24/2023



#50

1,1,2-Trichloroethane

Concen: 19.897 ug/l

RT: 11.019 min Scan# 1544

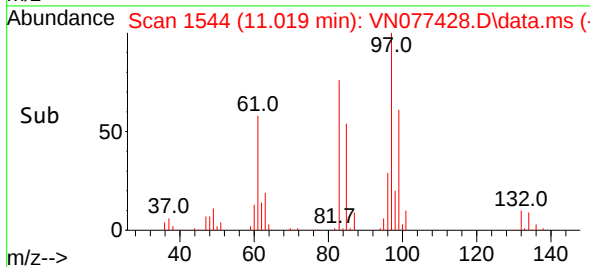
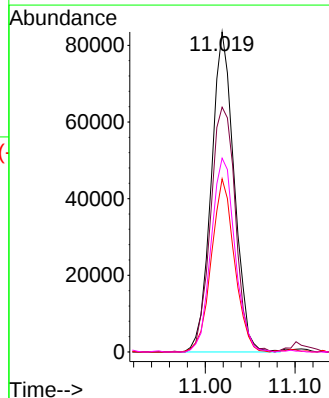
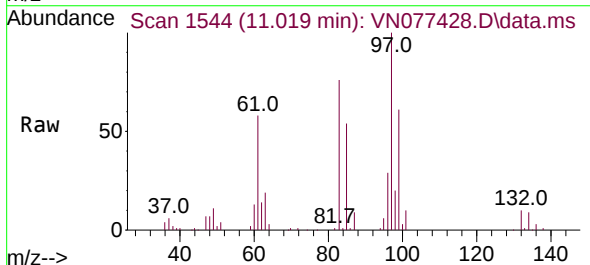
Delta R.T. -0.000 min

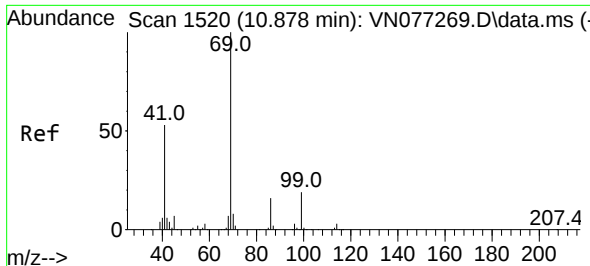
Lab File: VN077428.D

Acq: 21 Apr 2023 17:38

Tgt Ion: 97 Resp: 148430

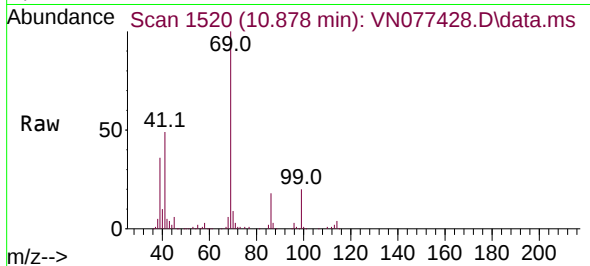
Ion	Ratio	Lower	Upper
97	100		
83	76.5	66.7	100.1
85	54.1	42.4	63.6
99	60.5	49.3	73.9





#51
Ethyl methacrylate
Concen: 18.768 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



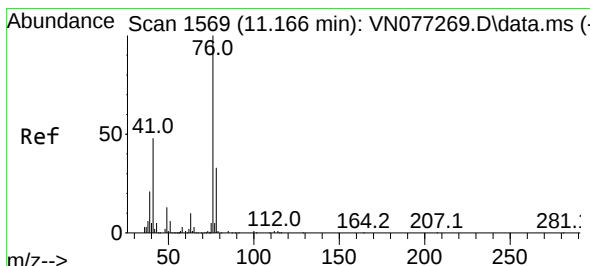
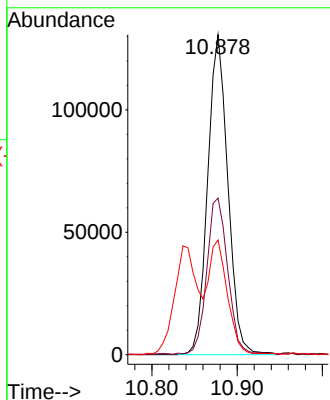
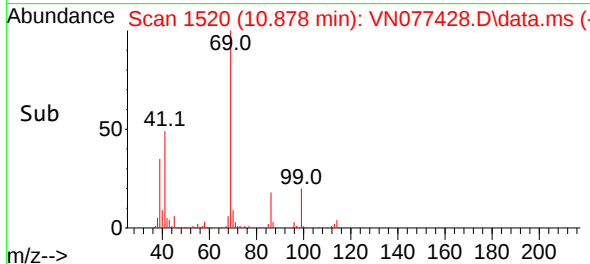
Tgt Ion: 69 Resp: 215000
Ion Ratio Lower Upper
69 100
41 49.0 26.7 80.0
39 35.6 17.0 50.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

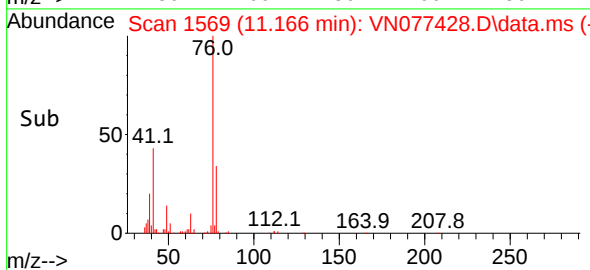
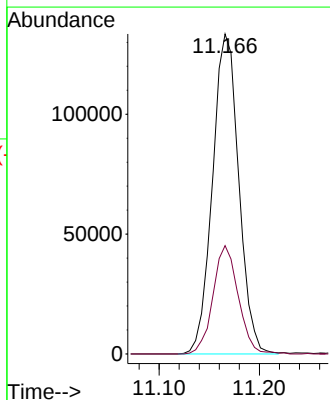
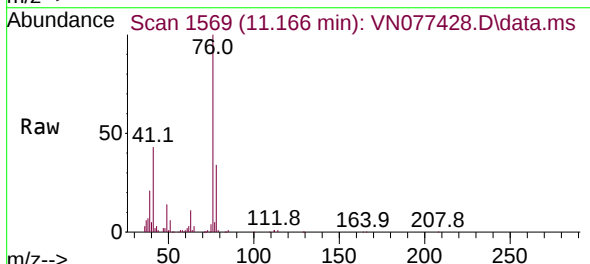
04/24/2023
Supervised By :Mahesh
Dadoda

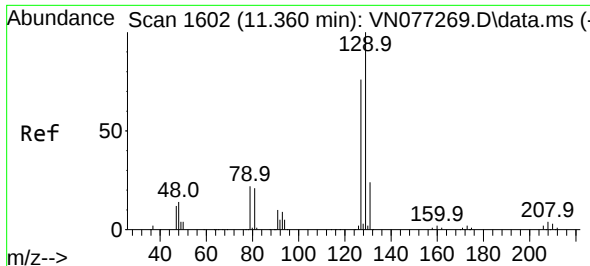
04/24/2023



#52
1,3-Dichloropropane
Concen: 19.482 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

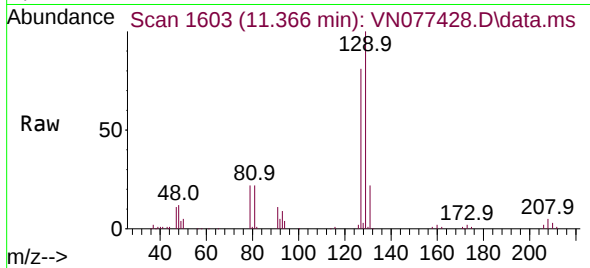
Tgt Ion: 76 Resp: 242562
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 19.511 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



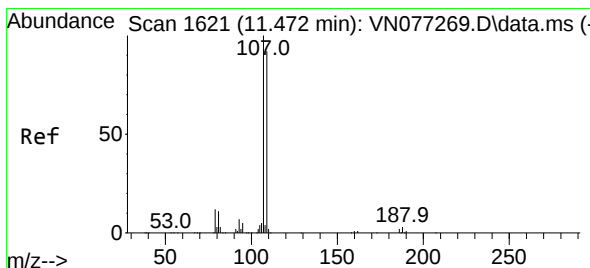
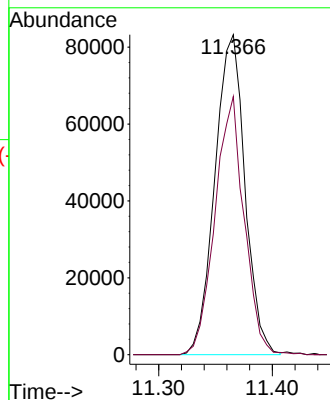
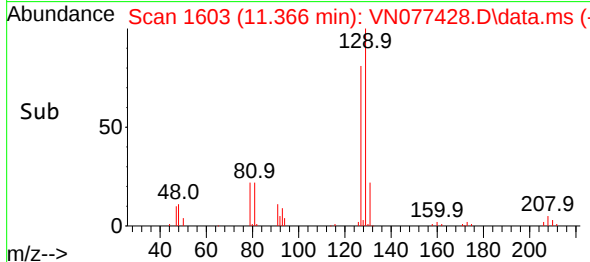
Tgt Ion:129 Resp: 153409
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

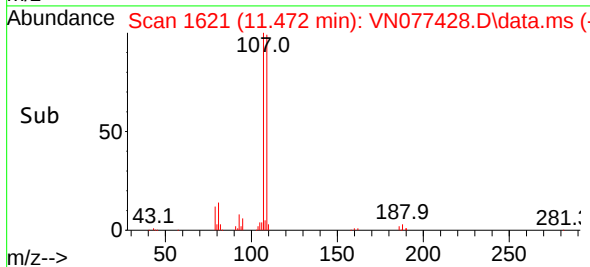
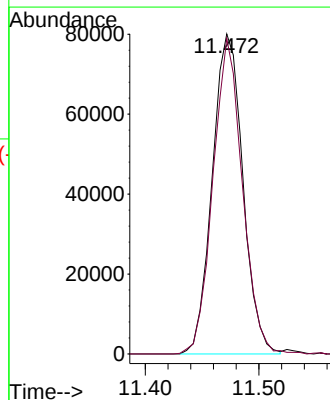
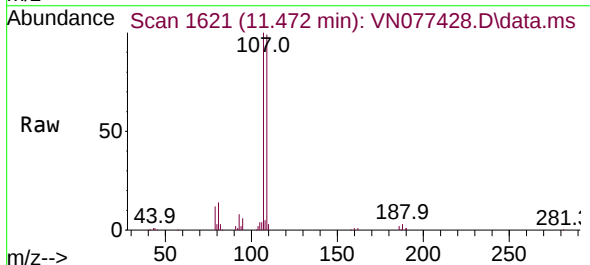
04/24/2023
Supervised By :Mahesh
Dadoda

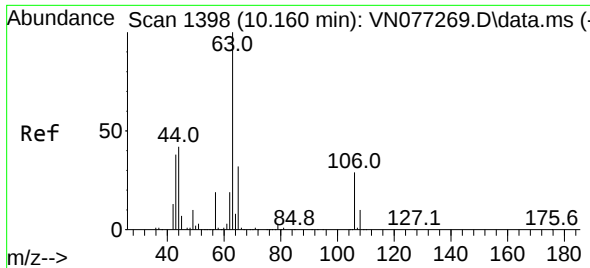
04/24/2023



#54
1,2-Dibromoethane
Concen: 19.985 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

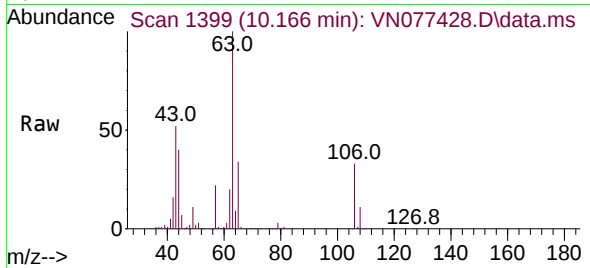
Tgt Ion:107 Resp: 149662
Ion Ratio Lower Upper
107 100
109 94.9 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 111.672 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



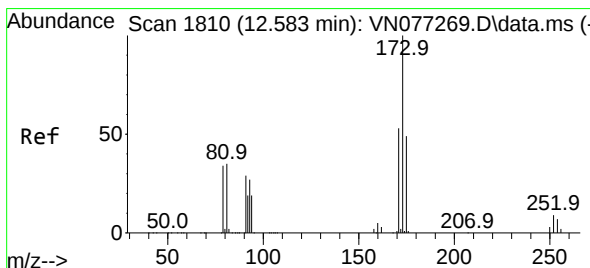
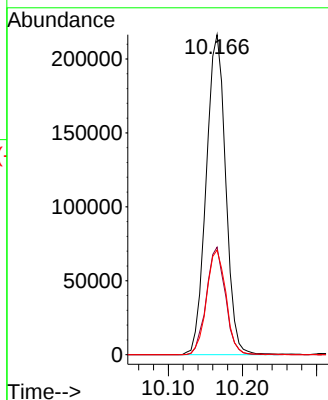
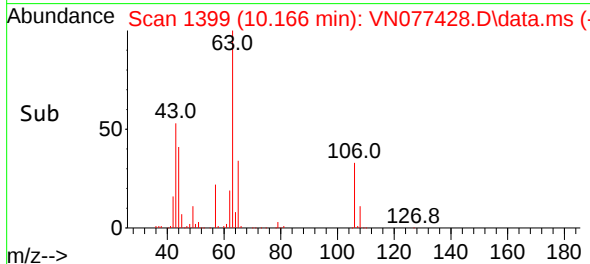
Tgt Ion: 63 Resp: 394978
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 32.6 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

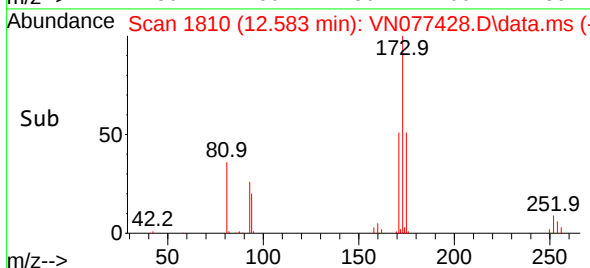
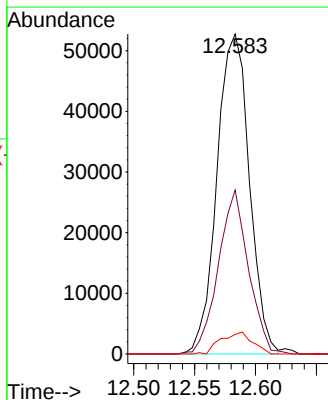
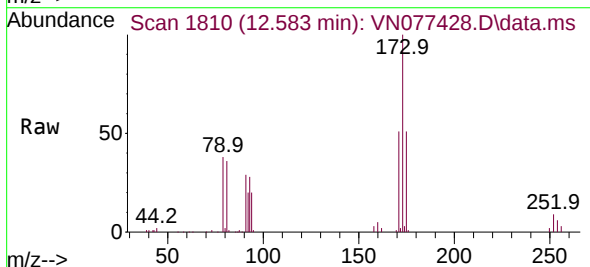
04/24/2023
Supervised By :Mahesh
Dadoda

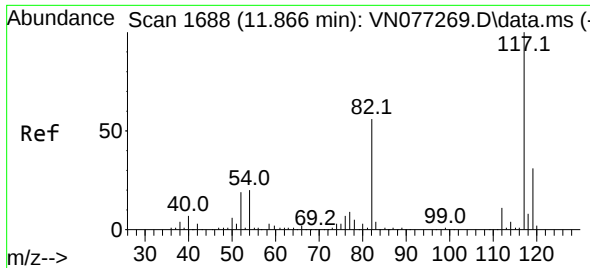
04/24/2023



#56
Bromoform
Concen: 18.514 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

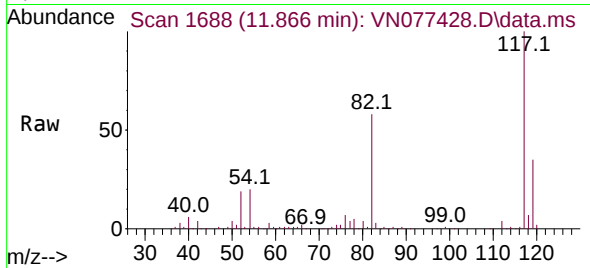
Tgt Ion:173 Resp: 97779
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.2
254 6.6 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



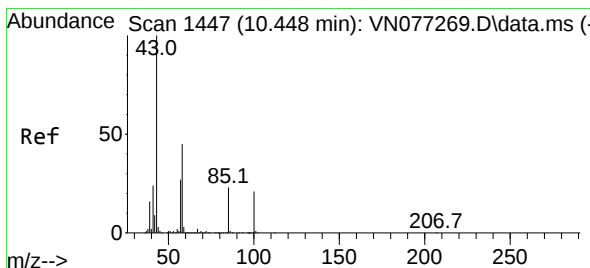
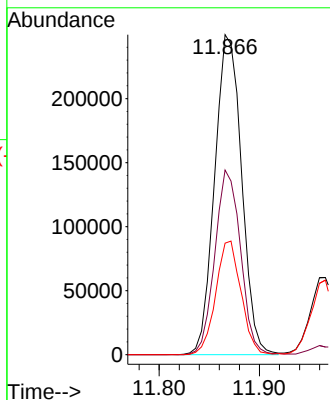
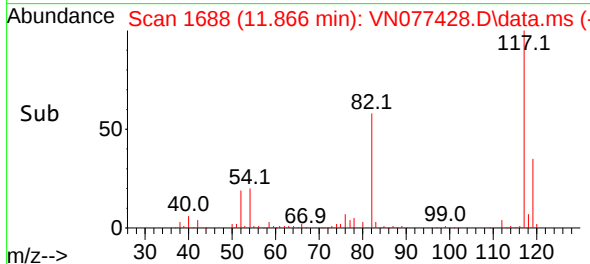
Tgt Ion:117 Resp: 466435
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 33.3 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

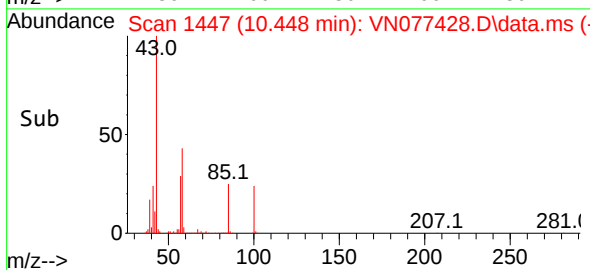
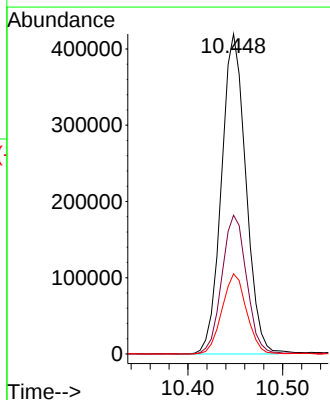
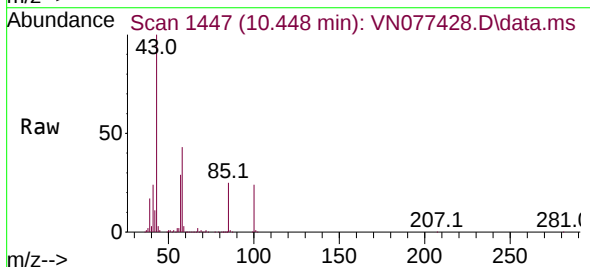
04/24/2023
Supervised By :Mahesh
Dadoda

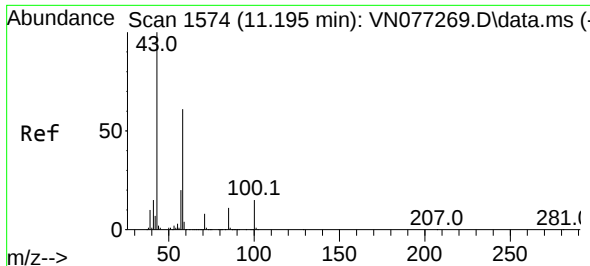
04/24/2023



#58
4-Methyl-2-Pentanone
Concen: 86.112 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

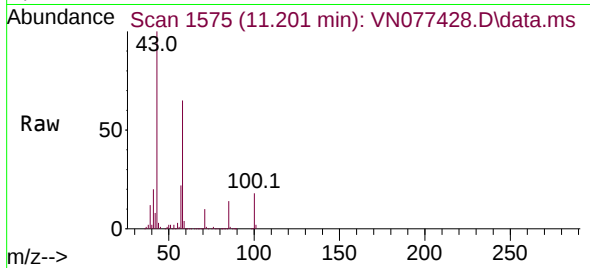
Tgt Ion: 43 Resp: 752042
Ion Ratio Lower Upper
43 100
58 43.9 34.7 52.1
85 25.1 17.8 26.8





#59
2-Hexanone
Concen: 78.769 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



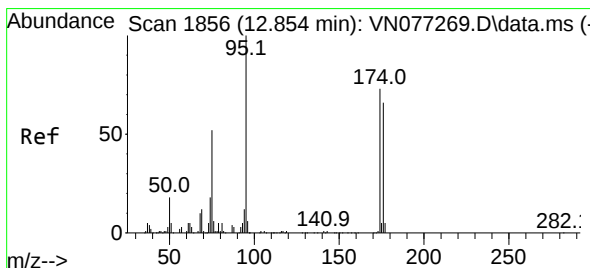
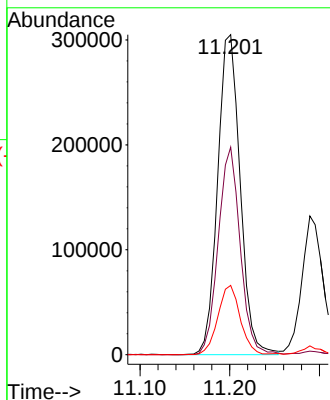
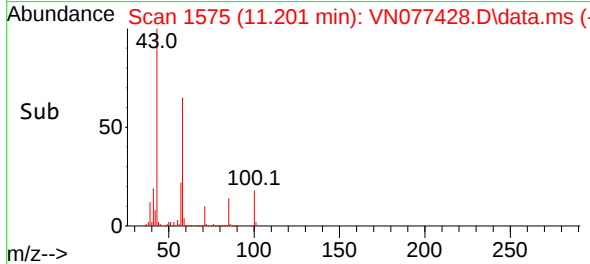
Tgt Ion: 43 Resp: 531730
Ion Ratio Lower Upper
43 100
58 62.9 48.6 73.0
57 21.6 16.7 25.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

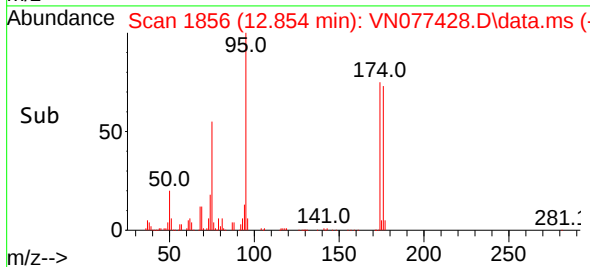
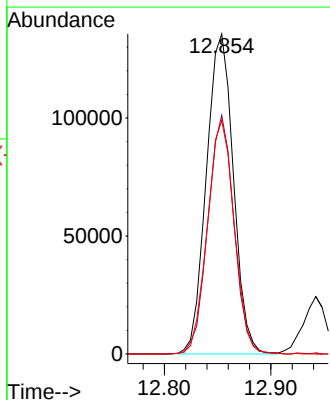
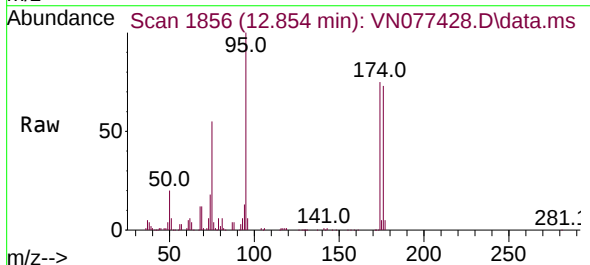
04/24/2023
Supervised By :Mahesh
Dadoda

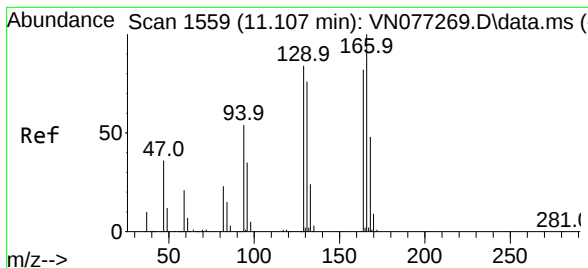
04/24/2023



#60
4-Bromofluorobenzene
Concen: 29.659 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

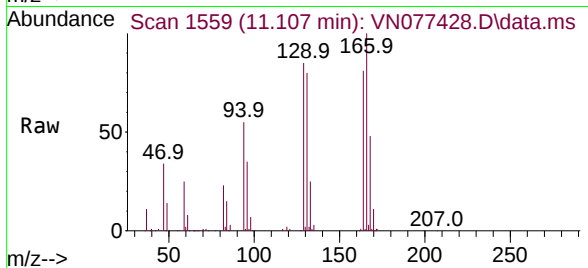
Tgt Ion: 95 Resp: 239206
Ion Ratio Lower Upper
95 100
174 72.0 57.8 86.8
176 72.1 54.6 81.8





#61
Tetrachloroethene
Concen: 19.855 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



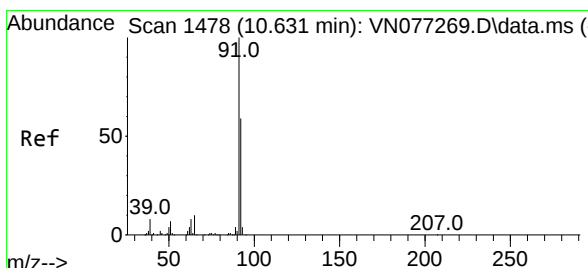
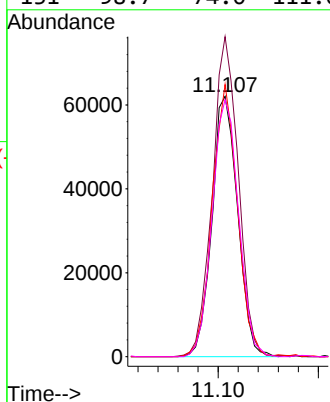
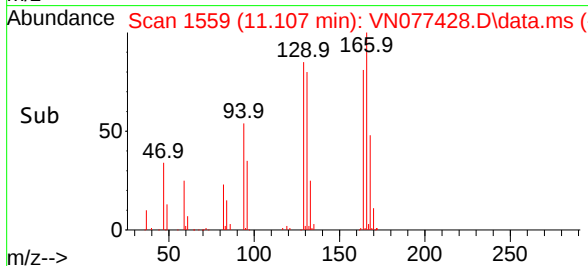
Tgt Ion:164 Resp: 110152
Ion Ratio Lower Upper
164 100
166 122.7 97.9 146.9
129 104.5 82.5 123.7
131 98.7 74.0 111.0

Manual Integrations
APPROVED

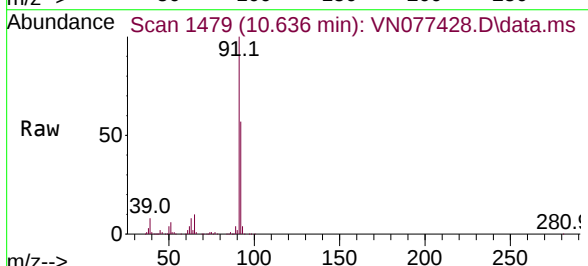
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

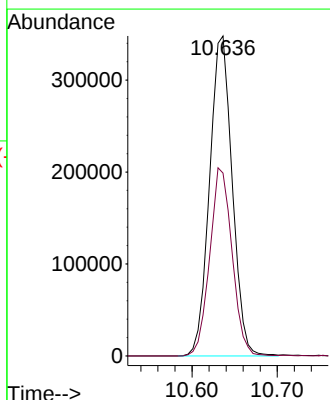
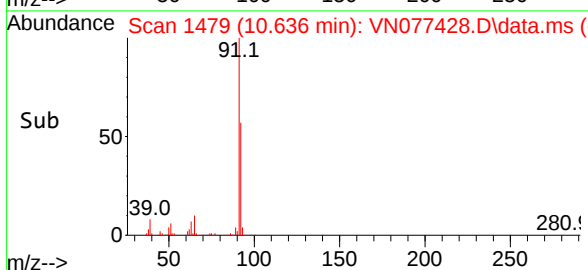
04/24/2023

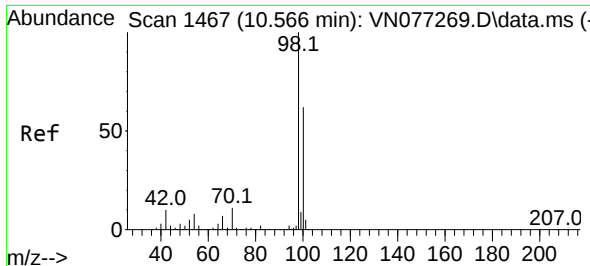


#62
Toluene
Concen: 19.748 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



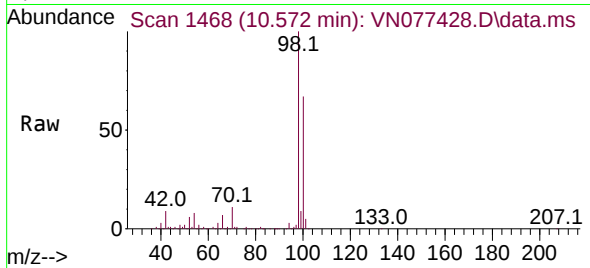
Tgt Ion: 91 Resp: 642702
Ion Ratio Lower Upper
91 100
92 58.0 46.6 70.0





#63
Toluene-d8
Concen: 29.803 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



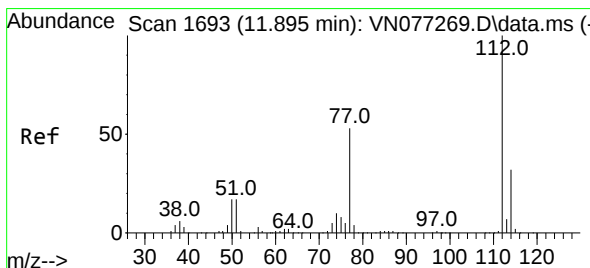
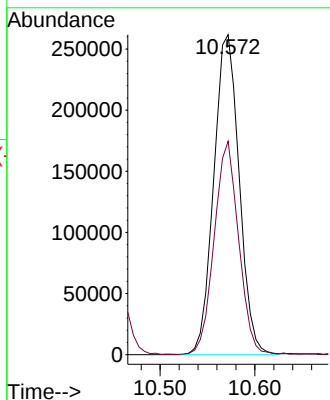
Tgt Ion: 98 Resp: 488695
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

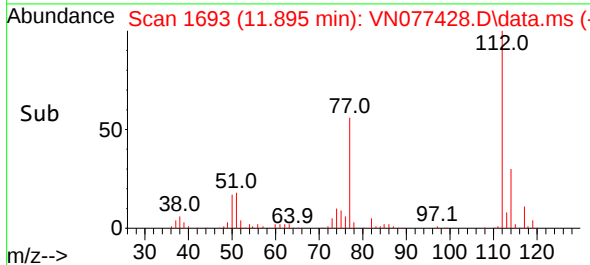
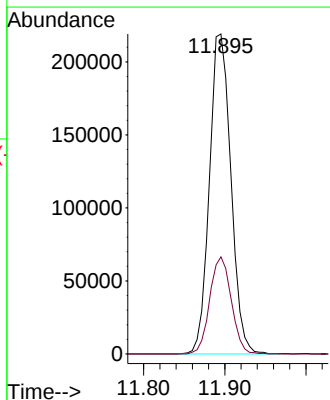
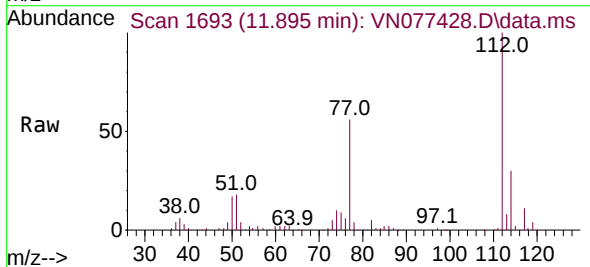
04/24/2023
Supervised By :Mahesh
Dadoda

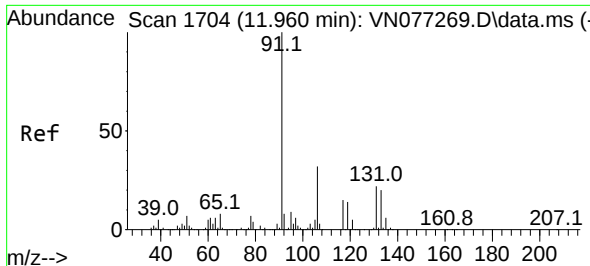
04/24/2023



#64
Chlorobenzene
Concen: 20.376 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

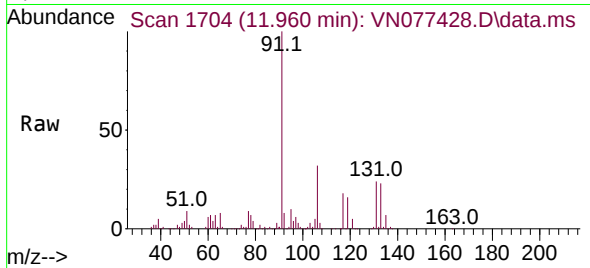
Tgt Ion:112 Resp: 402865
Ion Ratio Lower Upper
112 100
114 30.3 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.244 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



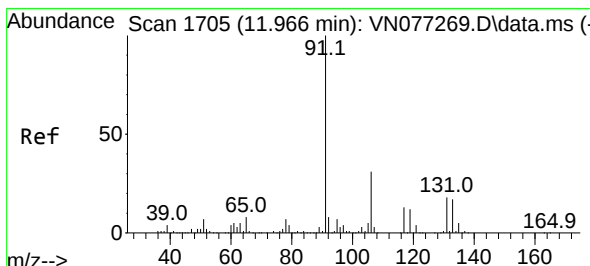
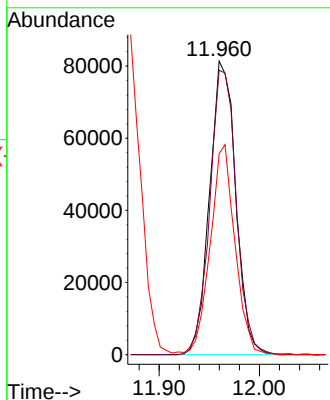
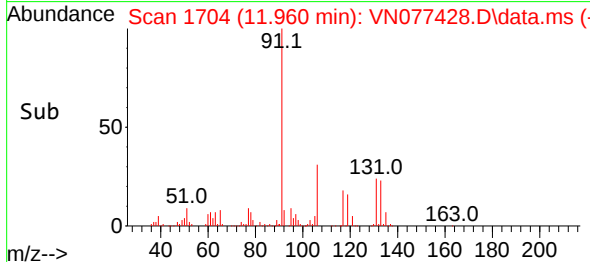
Tgt Ion:131 Resp: 147190
Ion Ratio Lower Upper
131 100
133 98.1 0.0 184.4
119 67.9 0.0 134.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

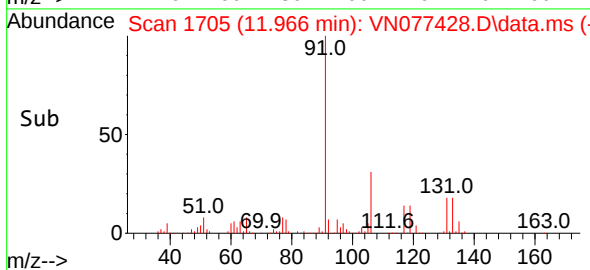
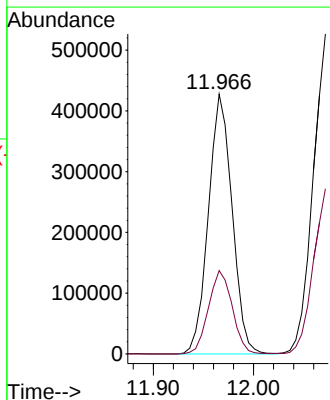
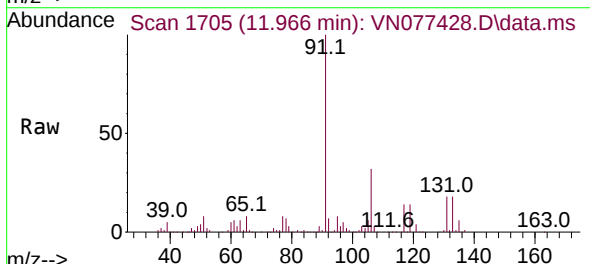
04/24/2023
Supervised By :Mahesh
Dadoda

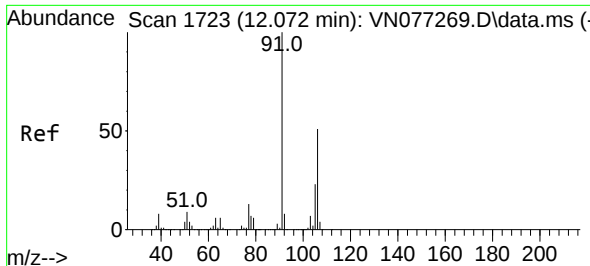
04/24/2023



#66
Ethyl Benzene
Concen: 19.526 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

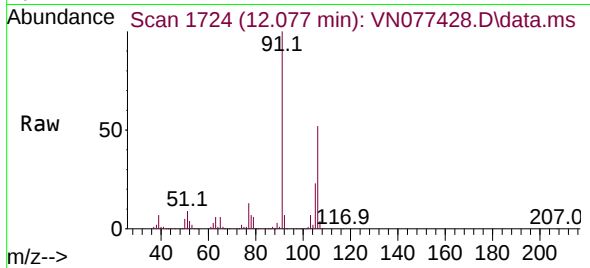
Tgt Ion: 91 Resp: 703992
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6





#67
m/p-Xylenes
Concen: 38.596 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



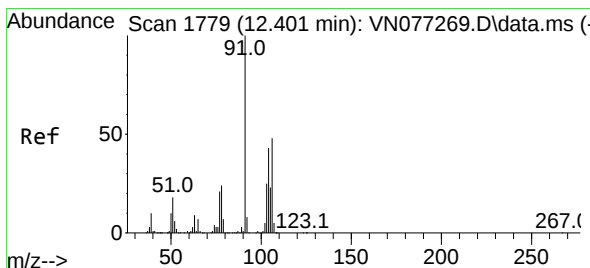
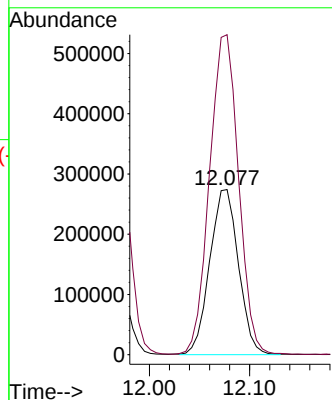
Tgt Ion:106 Resp: 54545
Ion Ratio Lower Upper
106 100
91 195.9 158.0 237.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

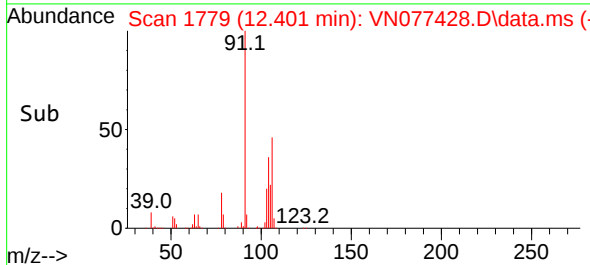
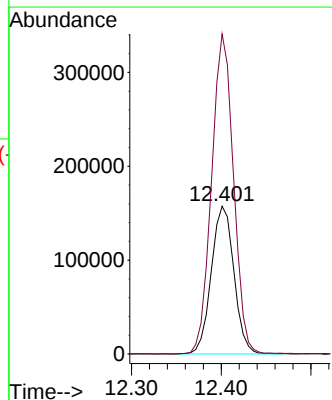
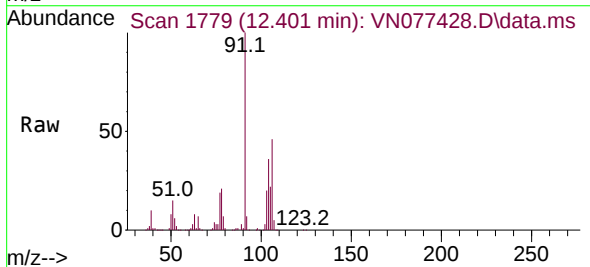
04/24/2023
Supervised By :Mahesh
Dadoda

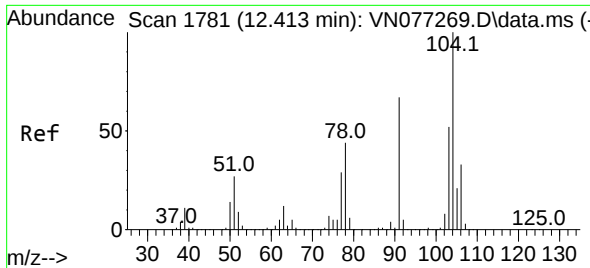
04/24/2023



#68
o-Xylene
Concen: 19.499 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

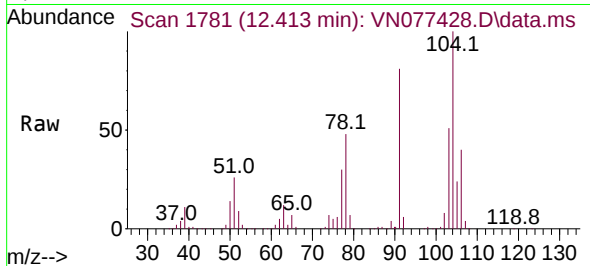
Tgt Ion:106 Resp: 275686
Ion Ratio Lower Upper
106 100
91 208.8 103.6 310.8





#69
Styrene
Concen: 18.948 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



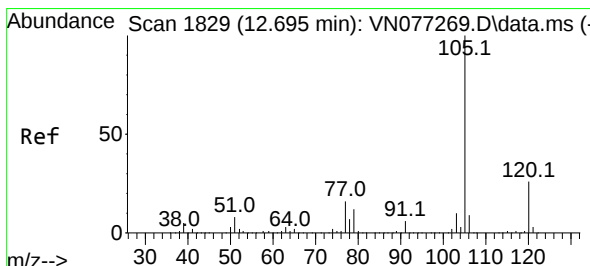
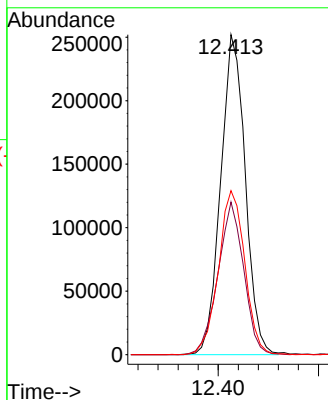
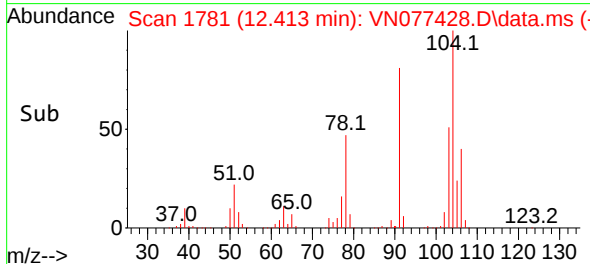
Tgt Ion:104 Resp: 42920
Ion Ratio Lower Upper
104 100
78 49.9 38.2 57.4
103 55.0 43.6 65.4

Manual Integrations
APPROVED

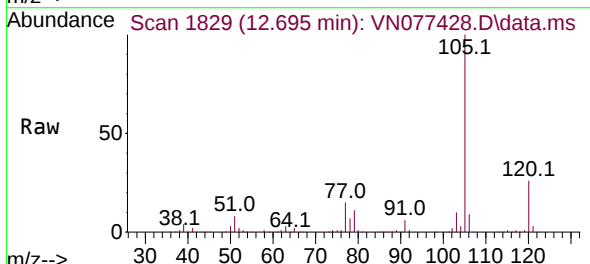
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

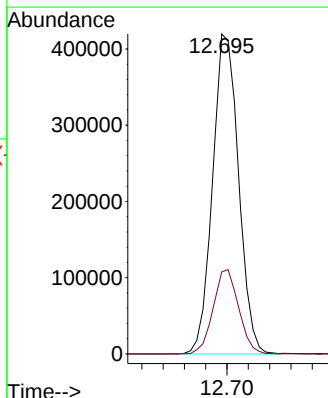
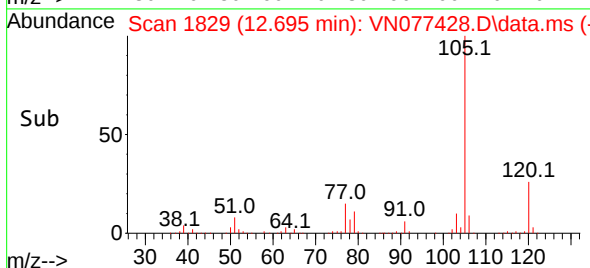
04/24/2023

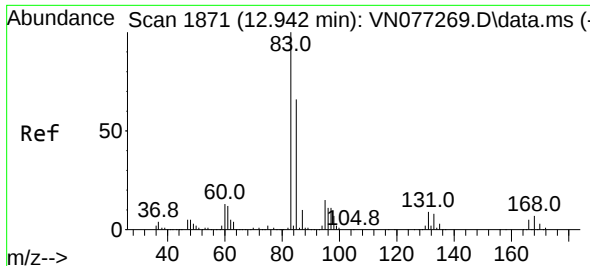


#70
Isopropylbenzene
Concen: 19.794 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



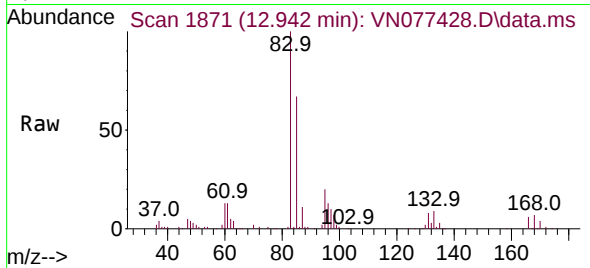
Tgt Ion:105 Resp: 710226
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.311 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



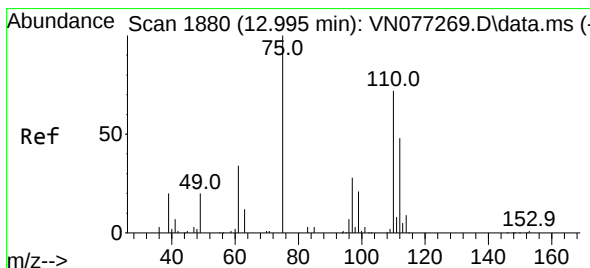
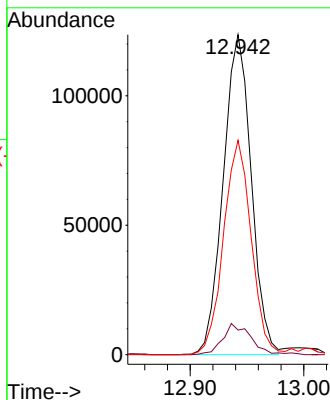
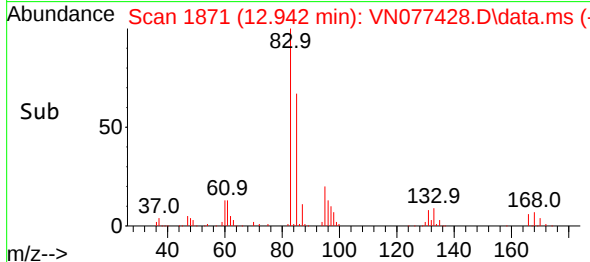
Tgt Ion: 83 Resp: 21218
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 66.1 32.3 96.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

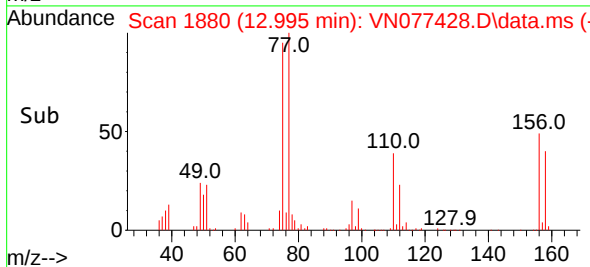
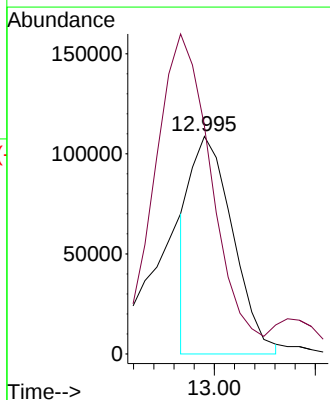
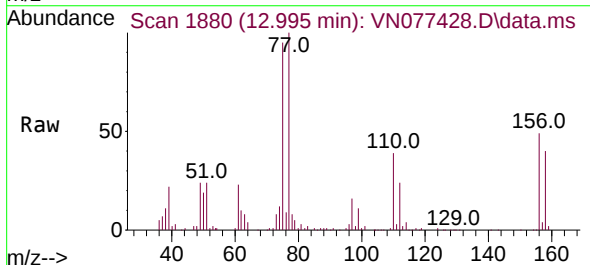
04/24/2023
Supervised By :Mahesh
Dadoda

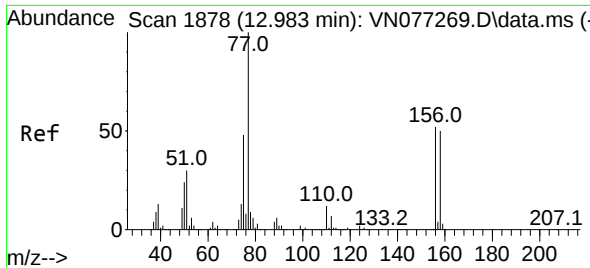
04/24/2023



#72
1,2,3-Trichloropropane
Concen: 21.243 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

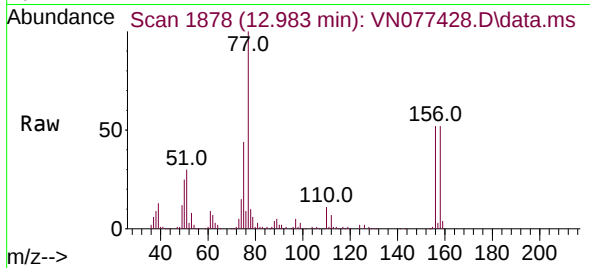
Tgt Ion: 75 Resp: 158666
Ion Ratio Lower Upper
75 100
77 200.3 0.0 434.2





#73
Bromobenzene
Concen: 20.715 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



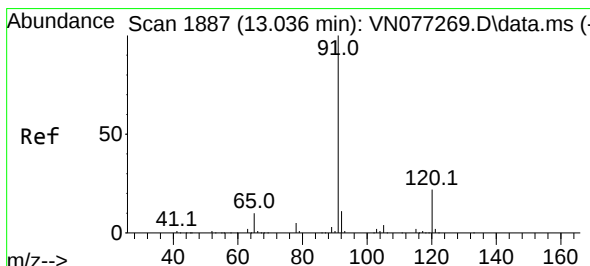
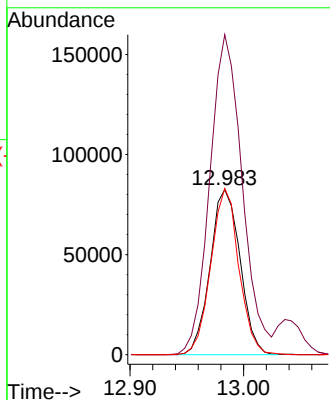
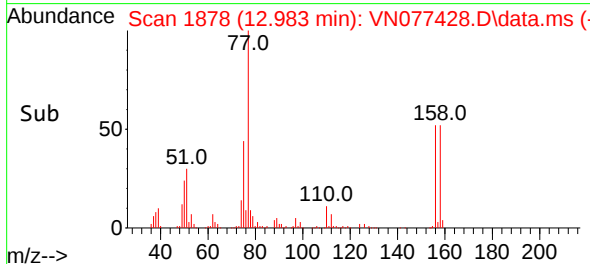
Tgt Ion: 156 Resp: 151010
Ion Ratio Lower Upper
156 100
77 210.5 0.0 456.6
158 94.4 0.0 195.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

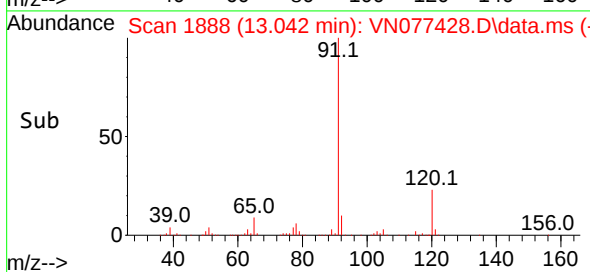
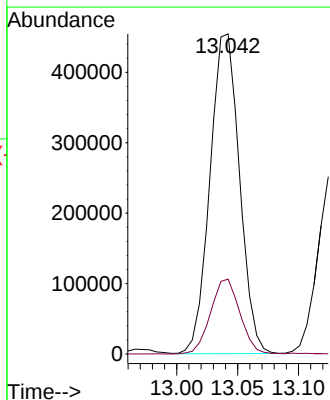
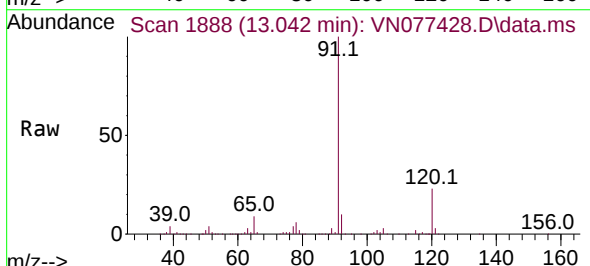
04/24/2023
Supervised By :Mahesh
Dadoda

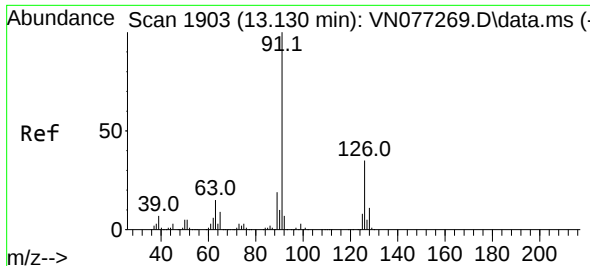
04/24/2023



#74
n-propylbenzene
Concen: 19.300 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Tgt Ion: 91 Resp: 766216
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6





#75
2-Chlorotoluene
Concen: 19.347 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

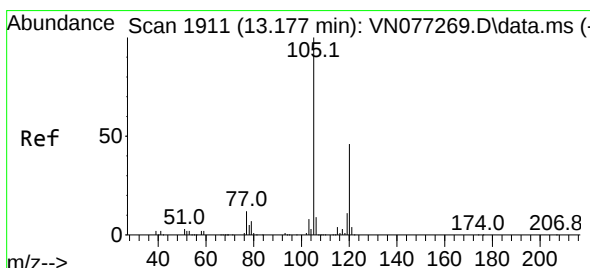
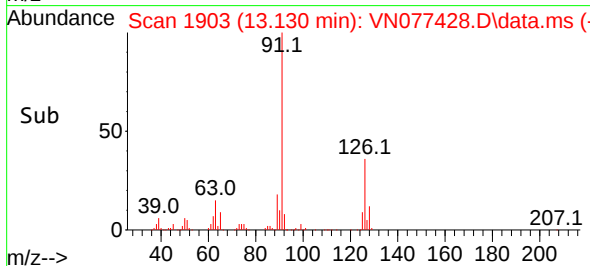
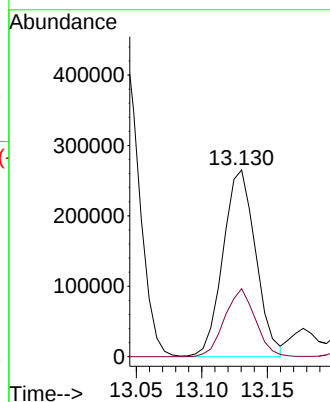
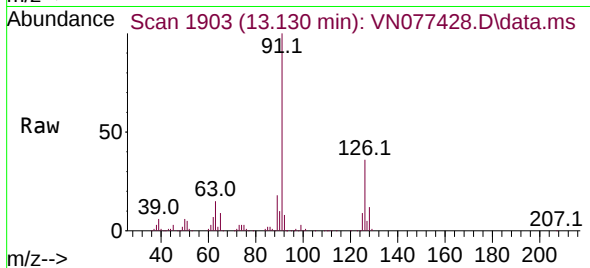
Tgt Ion: 91 Resp: 46013
Ion Ratio Lower Upper
91 100
126 34.1 0.0 67.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

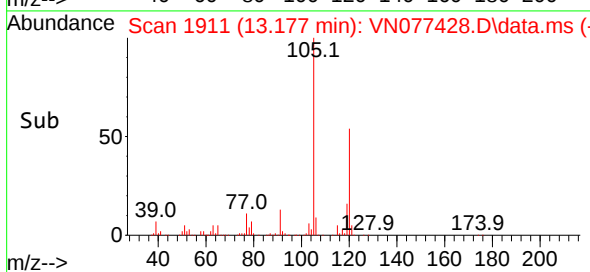
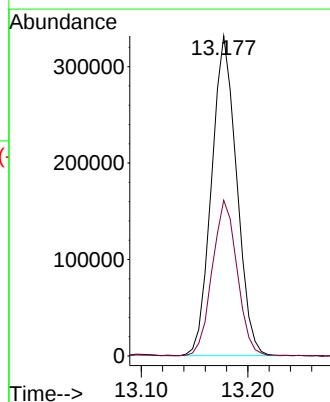
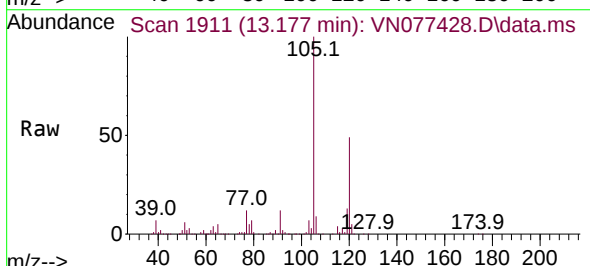
04/24/2023
Supervised By :Mahesh
Dadoda

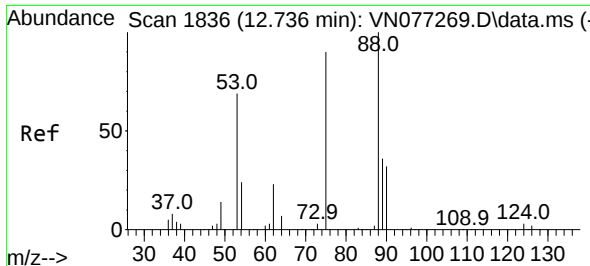
04/24/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.556 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

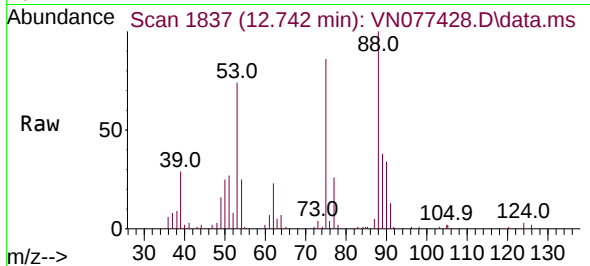
Tgt Ion:105 Resp: 541892
Ion Ratio Lower Upper
105 100
120 48.5 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 15.288 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



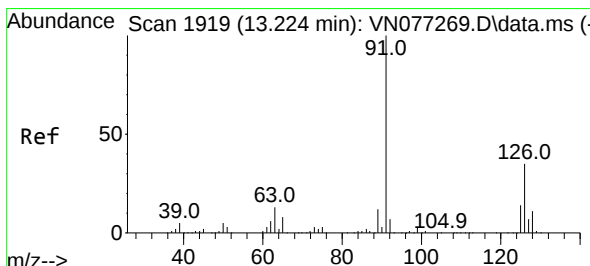
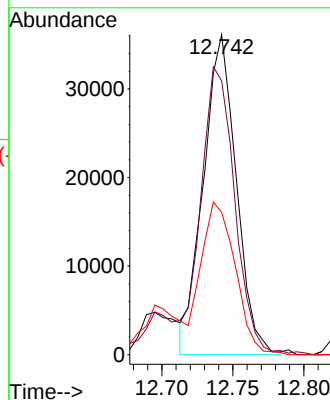
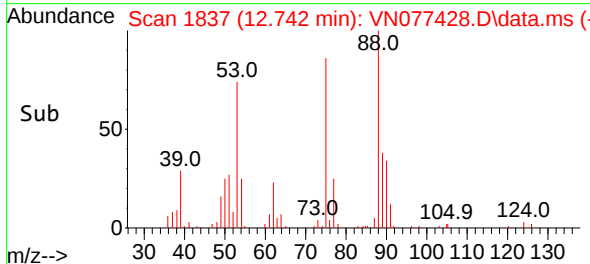
Tgt Ion: 75 Resp: 5816
Ion Ratio Lower Upper
75 100
53 85.0 38.8 116.4
89 44.1 23.2 69.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

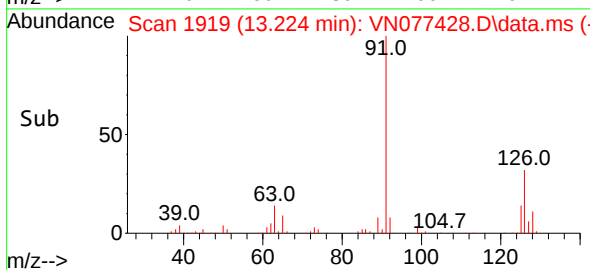
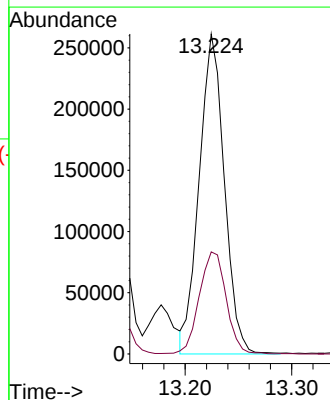
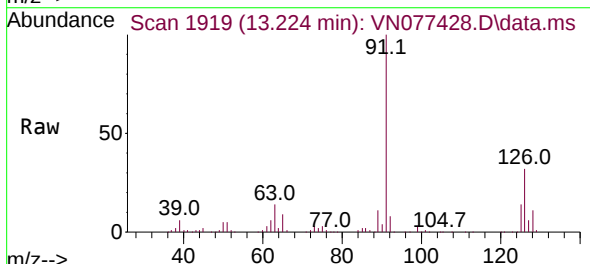
04/24/2023
Supervised By :Mahesh
Dadoda

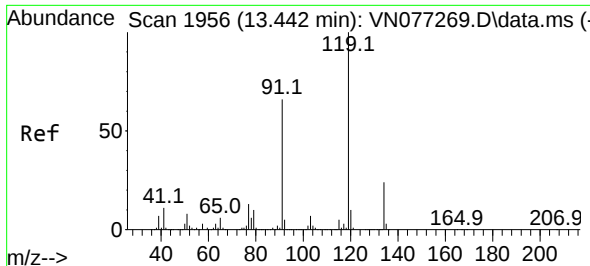
04/24/2023



#78
4-Chlorotoluene
Concen: 19.067 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

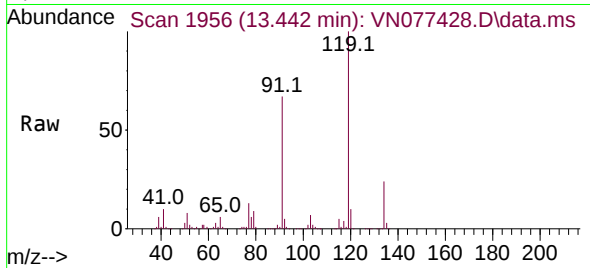
Tgt Ion: 91 Resp: 428470
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.4





#79
tert-butylbenzene
Concen: 19.653 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



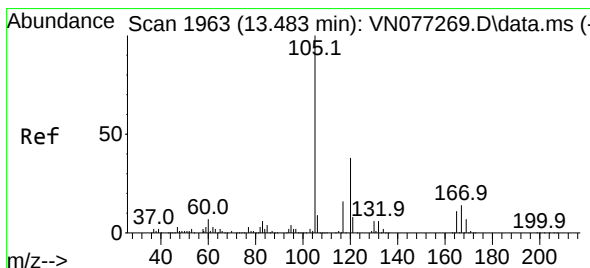
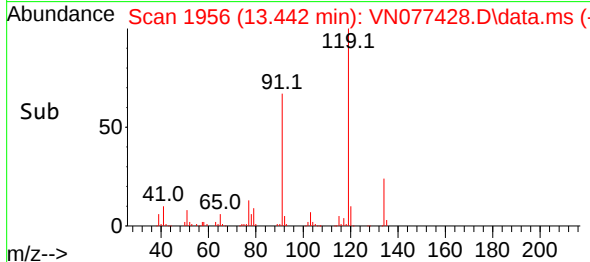
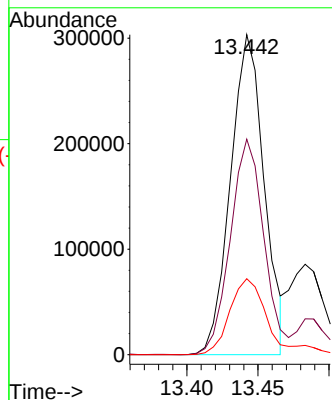
Tgt Ion:119 Resp: 499507
Ion Ratio Lower Upper
119 100
91 67.5 0.0 131.0
134 24.8 0.0 49.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

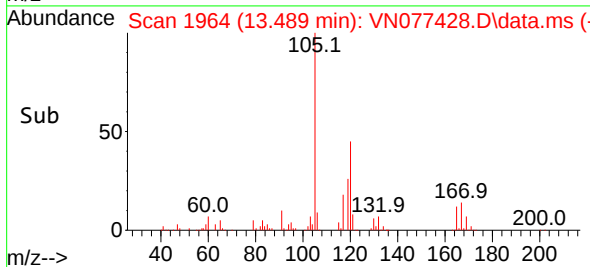
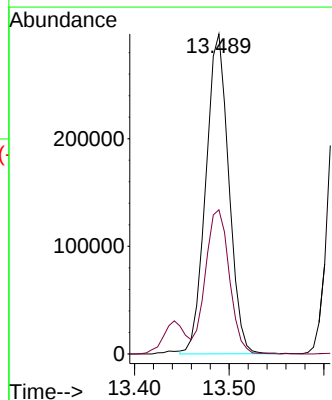
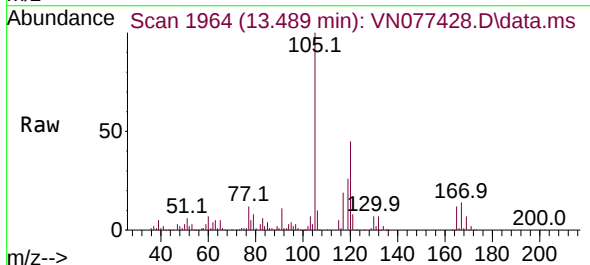
04/24/2023
Supervised By :Mahesh
Dadoda

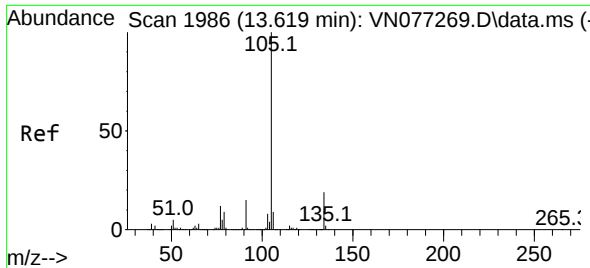
04/24/2023



#80
1,2,4-Trimethylbenzene
Concen: 17.543 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

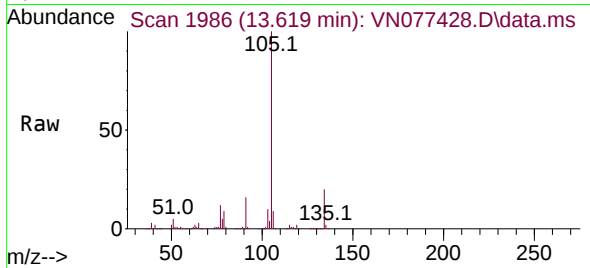
Tgt Ion:105 Resp: 499417
Ion Ratio Lower Upper
105 100
120 46.2 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 19.136 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



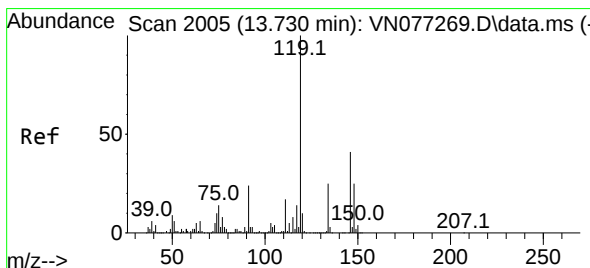
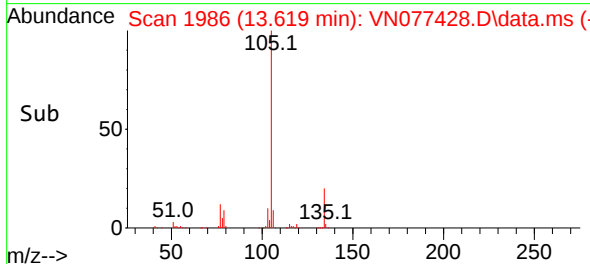
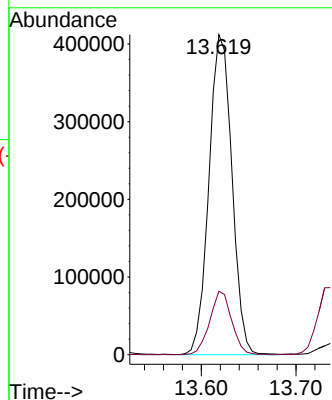
Tgt Ion:105 Resp: 694610
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

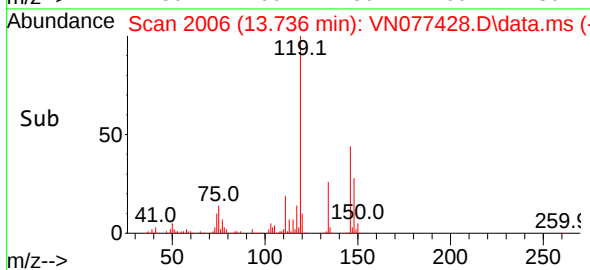
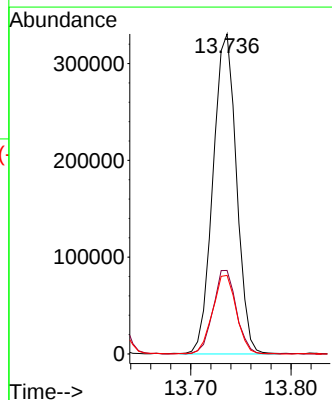
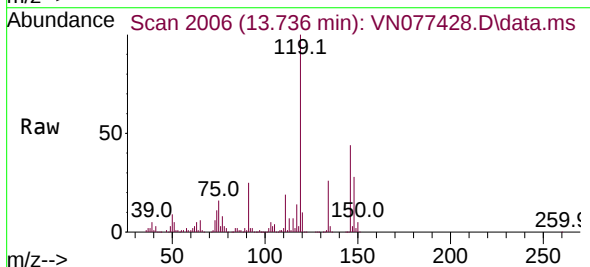
04/24/2023
 Supervised By :Mahesh
 Dadoda

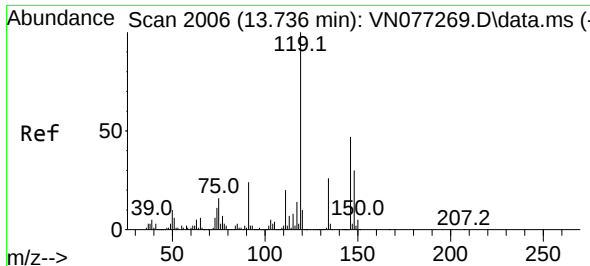
04/24/2023



#82
 p-Isopropyltoluene
 Concen: 18.474 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077428.D
 Acq: 21 Apr 2023 17:38

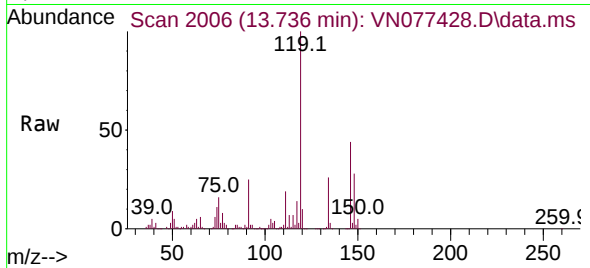
Tgt Ion:119 Resp: 537232
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.0
 91 24.6 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 18.649 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



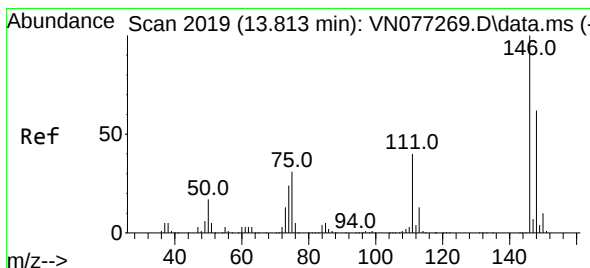
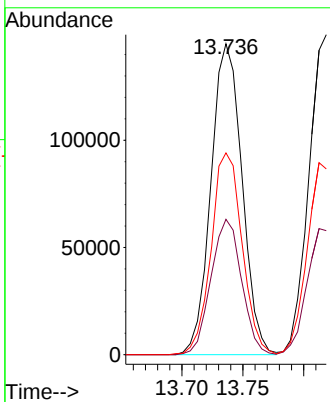
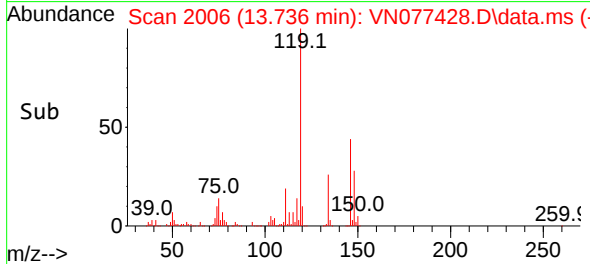
Tgt Ion:146 Resp: 257758
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 64.6 31.9 95.5

Manual Integrations
APPROVED

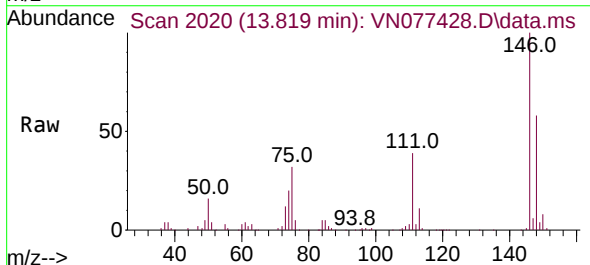
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

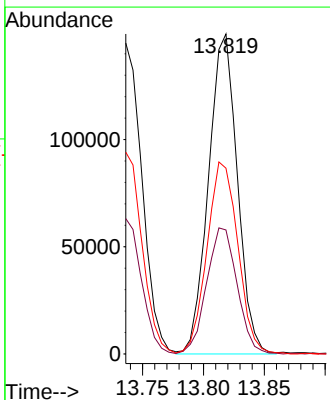
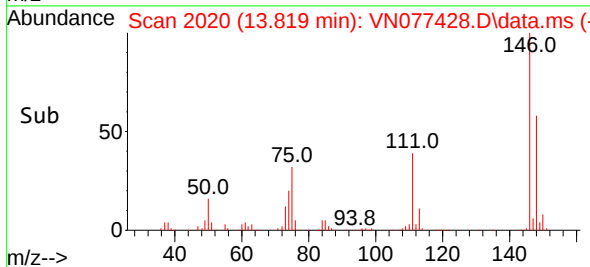
04/24/2023

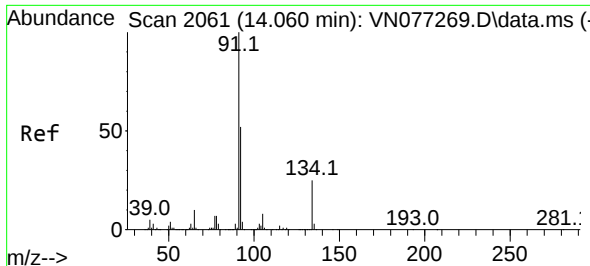


#84
1,4-Dichlorobenzene
Concen: 18.385 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



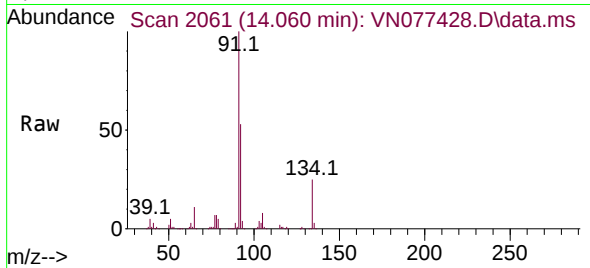
Tgt Ion:146 Resp: 246547
Ion Ratio Lower Upper
146 100
111 41.6 20.3 61.0
148 64.3 31.6 94.7





#85
n-Butylbenzene
Concen: 17.015 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



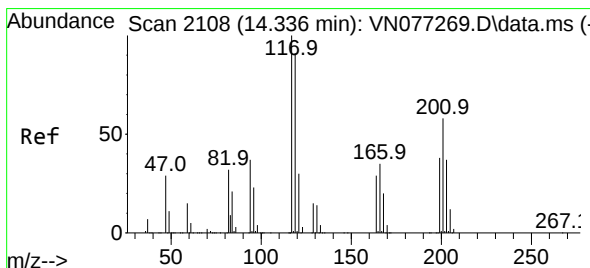
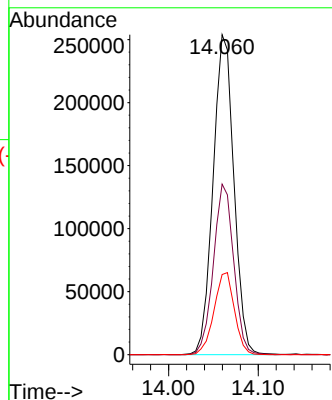
Tgt Ion: 91 Resp: 408895
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.6
134 25.2 0.0 49.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

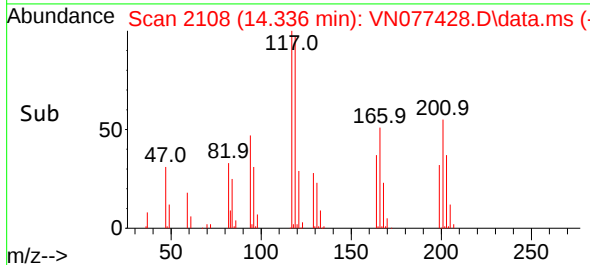
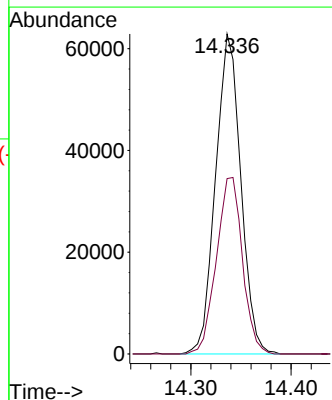
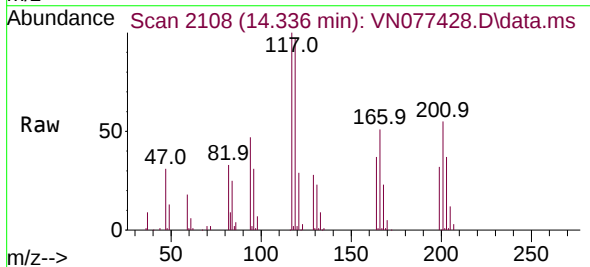
04/24/2023
Supervised By :Mahesh
Dadoda

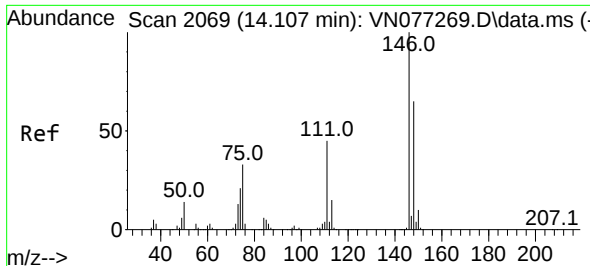
04/24/2023



#86
Hexachloroethane
Concen: 17.738 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

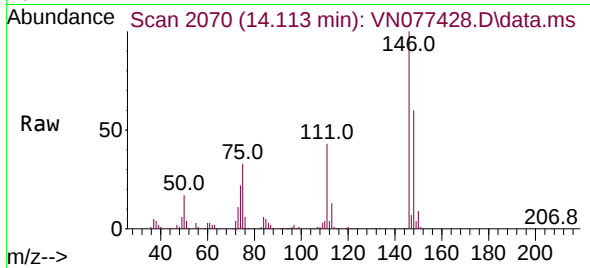
Tgt Ion:117 Resp: 109727
Ion Ratio Lower Upper
117 100
201 56.9 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 19.605 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



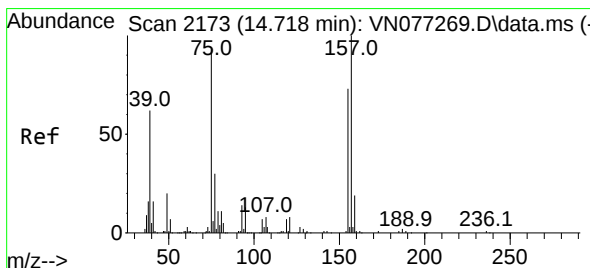
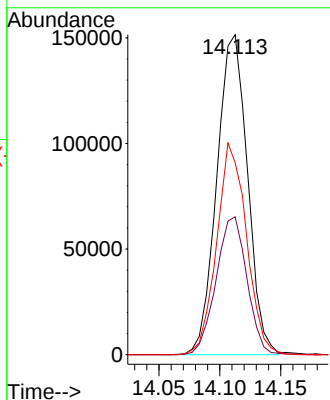
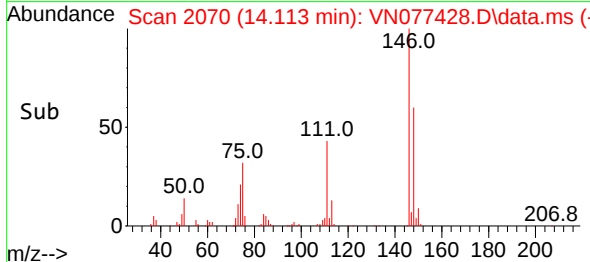
Tgt Ion:146 Resp: 265518
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.5
148 64.4 31.9 95.7

Manual Integrations
APPROVED

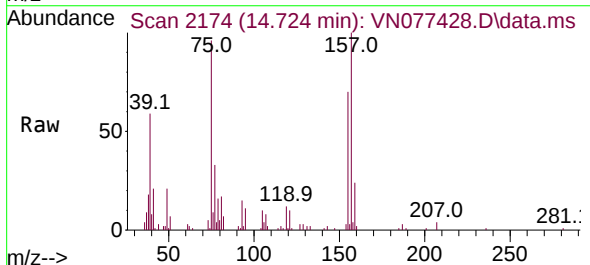
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

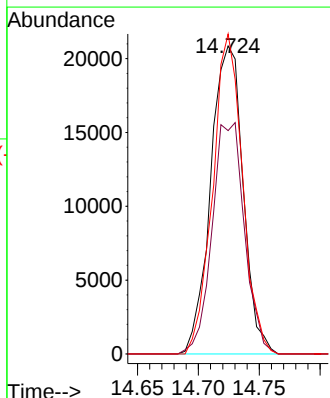
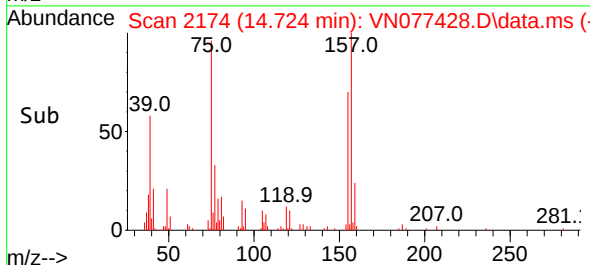
04/24/2023

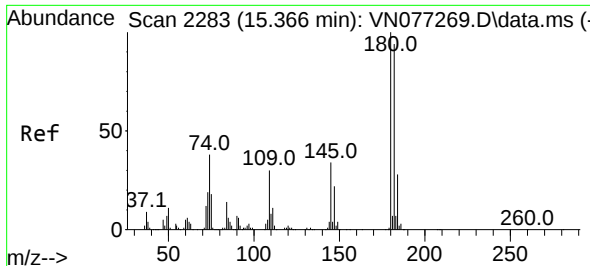


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.357 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



Tgt Ion: 75 Resp: 38653
Ion Ratio Lower Upper
75 100
155 74.9 67.8 101.6
157 95.0 86.3 129.5





#89
1,2,4-Trichlorobenzene
Concen: 11.867 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 6321
Ion Ratio Lower Upper
180 100
182 98.6 75.6 113.4
145 33.9 26.7 40.1

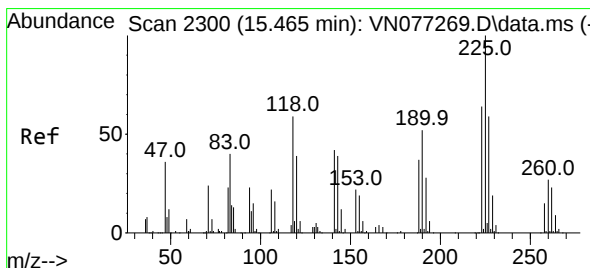
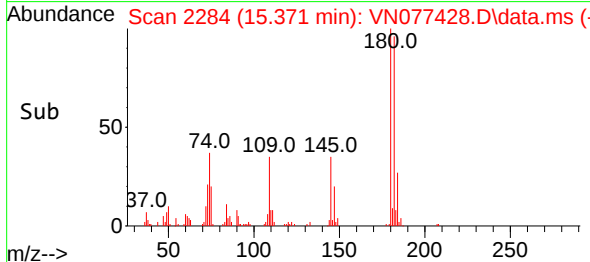
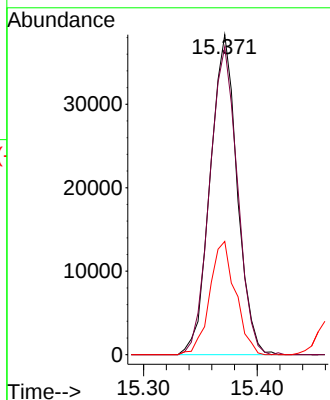
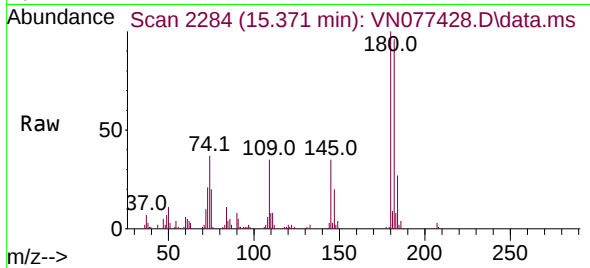
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/24/2023

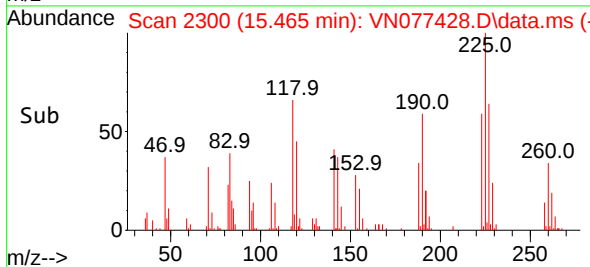
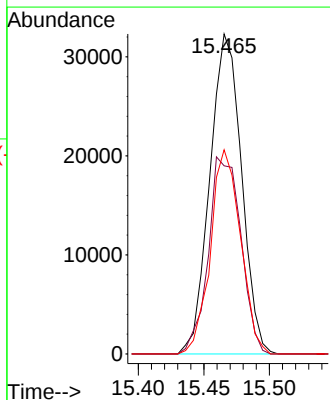
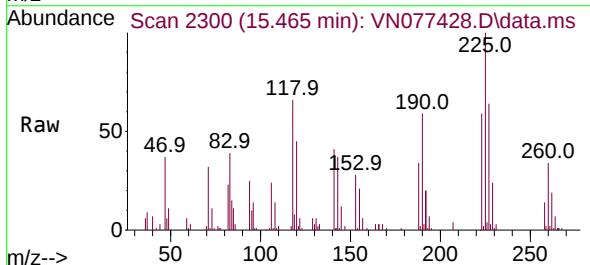
Supervised By :Mahesh
Dadoda

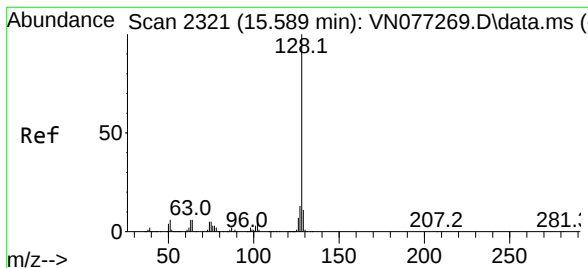
04/24/2023



#90
Hexachlorobutadiene
Concen: 19.871 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

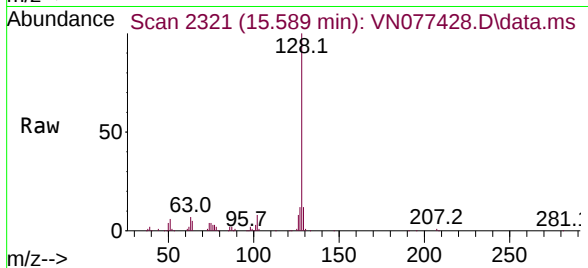
Tgt Ion:225 Resp: 54290
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.0
227 60.5 0.0 127.2





#91
Naphthalene
Concen: 11.934 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



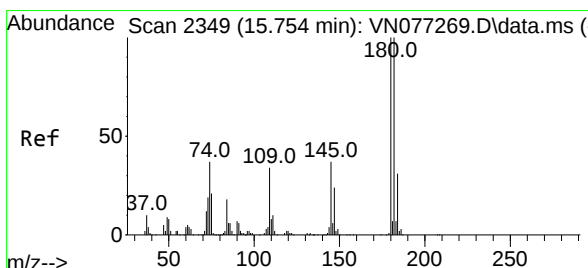
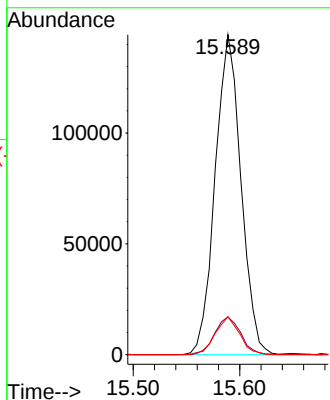
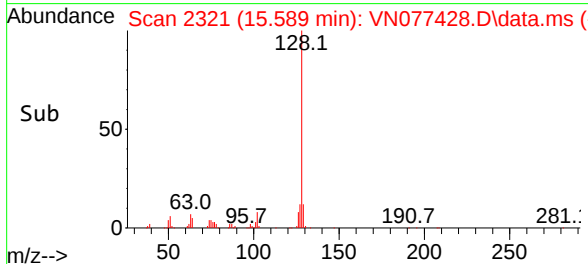
Tgt Ion:128 Resp: 242860
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.2
129 11.1 8.9 13.3

Manual Integrations
APPROVED

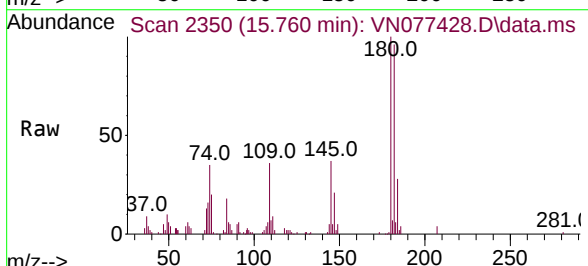
Reviewed By :John
Carlone

04/24/2023
Supervised By :Mahesh
Dadoda

04/24/2023



#92
1,2,3-Trichlorobenzene
Concen: 12.183 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077428.D
Acq: 21 Apr 2023 17:38



Tgt Ion:180 Resp: 63327
Ion Ratio Lower Upper
180 100
182 94.8 0.0 190.4
145 38.0 0.0 72.4

