

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076729.D
 Acq On : 17 Feb 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 18 02:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	30186	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	215084	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	236982	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	86890	31.472	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.900%			
60) 4-Bromofluorobenzene	12.854	95	130086	31.034	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.433%			
63) Toluene-d8	10.572	98	252289	30.394	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	66891	20.940	ug/l	97
3) Chloromethane	2.378	50	80230	20.454	ug/l	99
4) Vinyl Chloride	2.525	62	89291	21.328	ug/l	90
5) Bromomethane	2.960	94	56557	19.567	ug/l	85
6) Chloroethane	3.125	64	59526	21.925	ug/l	94
7) Trichlorofluoromethane	3.502	101	105289	20.174	ug/l	99
8) Diethyl Ether	3.972	74	42435	20.493	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	63954	20.163	ug/l	97
10) 1,1-Dichloroethene	4.349	96	58602	19.672	ug/l	99
11) Methyl Iodide	4.601	142	85112	22.896	ug/l	83
12) Methyl Acetate	5.037	43	130268	21.330	ug/l #	84
13) Acrolein	4.196	56	70719	97.497	ug/l	100
14) Acrylonitrile	5.731	53	198611	105.967	ug/l	91
15) Acetone	4.437	58	64793	106.773	ug/l	99
16) Carbon Disulfide	4.725	76	161838	19.368	ug/l	100
17) Allyl chloride	5.037	41	104425	19.584	ug/l	93
18) Methylene Chloride	5.284	84	76678	20.392	ug/l	87
19) trans-1,2-Dichloroethene	5.796	96	67514	20.208	ug/l	86
20) Diisopropyl ether	6.684	45	257377	20.413	ug/l #	88
21) 1,1-Dichloroethane	6.578	63	134304	20.363	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	81075	21.151	ug/l	96
23) tert-Butyl Alcohol	5.531	59	57930m	106.946	ug/l	
24) Methyl tert-Butyl Ether	5.813	73	214804	20.840	ug/l	99
25) Chloroform	7.978	83	135816	20.999	ug/l	100
26) Cyclohexane	8.260	56	121137	20.550	ug/l #	97
29) 1,1-Dichloropropene	8.384	75	98131	20.001	ug/l	99
30) 2-Butanone	7.495	43	300720	105.081	ug/l	97
31) 2,2-Dichloropropane	7.495	77	103931	20.269	ug/l #	63
32) 1,1,1-Trichloroethane	8.178	97	111591	19.592	ug/l	98
33) Carbon Tetrachloride	8.372	117	94487	19.146	ug/l	84
34) Benzene	8.613	78	312435	19.947	ug/l	94
35) Methacrylonitrile	7.790	41	59727	19.133	ug/l	99
36) 1,2-Dichloroethane	8.684	62	110112	21.003	ug/l	99
37) Trichloroethene	9.354	130	71034	19.501	ug/l	98
38) Methylcyclohexane	9.607	83	120740	19.556	ug/l	97
39) 1,2-Dichloropropane	9.625	63	84603	20.784	ug/l #	88
40) Dibromomethane	9.713	93	52648	20.280	ug/l	95
41) Bromodichloromethane	9.889	83	102814	19.744	ug/l	100
42) Vinyl Acetate	6.619	43	833112	100.451	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	107262	19.673	ug/l #	81
44) Isopropyl Acetate	8.695	43	187650	20.908	ug/l	98
45) 1,4-Dioxane	9.701	88	31866	419.502	ug/l	96
46) Methyl methacrylate	9.684	41	88306	21.434	ug/l	97
47) n-amyl Acetate	12.501	43	161923	20.430	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	104459	19.778	ug/l	95
49) cis-1,3-Dichloropropene	10.319	75	118071	19.641	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	74547	19.753	ug/l	96
51) Ethyl methacrylate	10.878	69	112792	20.586	ug/l	96
52) 1,3-Dichloropropane	11.166	76	131301	20.237	ug/l	100
53) Dibromochloromethane	11.366	129	75559	19.491	ug/l	97
54) 1,2-Dibromoethane	11.472	107	72423	19.713	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	238347	98.124	ug/l	98
56) Bromoform	12.583	173	49813	18.658	ug/l #	95
58) 4-Methyl-2-Pentanone	10.448	43	604675	107.282	ug/l	99
59) 2-Hexanone	11.201	43	459262	109.546	ug/l	99
61) Tetrachloroethene	11.107	164	57464	19.202	ug/l	93
62) Toluene	10.636	91	338589	20.444	ug/l	99
64) Chlorobenzene	11.895	112	198322	20.100	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.966	131	71333	19.721	ug/l	96
66) Ethyl Benzene	11.966	91	361550	20.535	ug/l	96
67) m/p-Xylenes	12.072	106	284192	41.276	ug/l	98
68) o-Xylene	12.401	106	140859	20.761	ug/l	97
69) Styrene	12.413	104	228488	20.976	ug/l	100
70) Isopropylbenzene	12.701	105	355481	20.537	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	121720	21.494	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	105262m	21.101	ug/l	
73) Bromobenzene	12.983	156	79886	19.889	ug/l	92
74) n-propylbenzene	13.042	91	432673	20.987	ug/l	99
75) 2-Chlorotoluene	13.130	91	260381	21.225	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	308634	21.379	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	32119	20.040	ug/l	97
78) 4-Chlorotoluene	13.224	91	247463	21.042	ug/l	99
79) tert-butylbenzene	13.442	119	275048	21.519	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	313469	21.868	ug/l	99
81) sec-Butylbenzene	13.619	105	392164	21.365	ug/l	100
82) p-Isopropyltoluene	13.736	119	316866	21.293	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	159803	20.823	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	157322	21.017	ug/l	99
85) n-Butylbenzene	14.060	91	265090	21.018	ug/l	98
86) Hexachloroethane	14.336	117	55909	19.407	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	159244	20.636	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	21458	20.441	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	75780	19.250	ug/l	98
90) Hexachlorobutadiene	15.507	225	36059	19.014	ug/l	95
91) Naphthalene	15.648	128	243104	19.206	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	77275	19.340	ug/l	97

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

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 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDC0020

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/21/2023

Supervised By : Mahesh Dadoda 02/21/2023

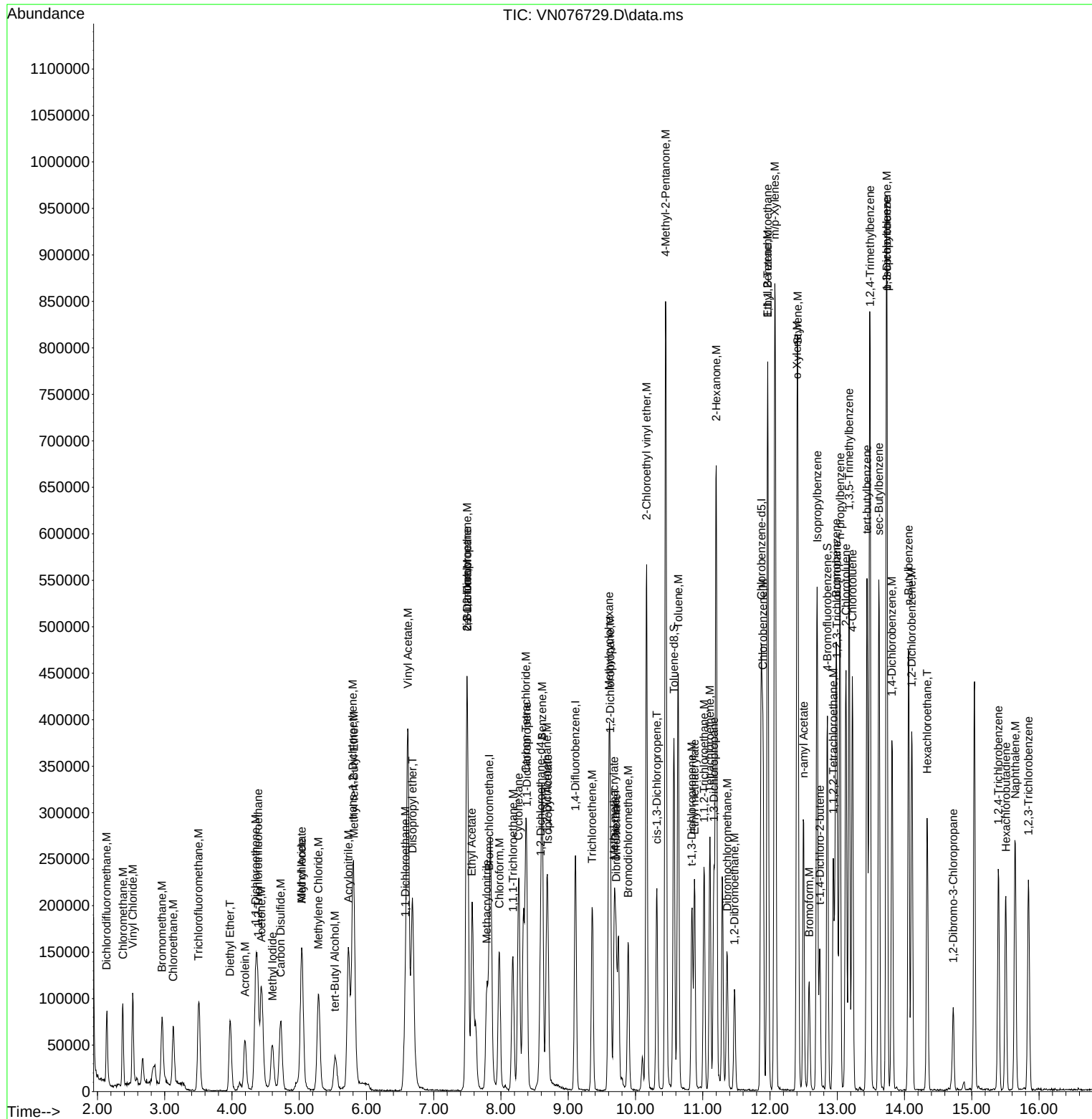
Quant Time: Feb 18 02:04:12 2023

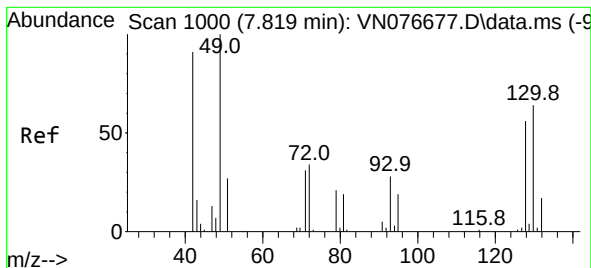
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QLast Update : Thu Feb 16 01:08:46 2023

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 1001

Delta R.T. 0.006 min

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VSTDCCC020

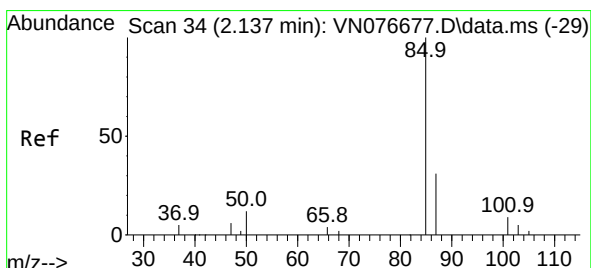
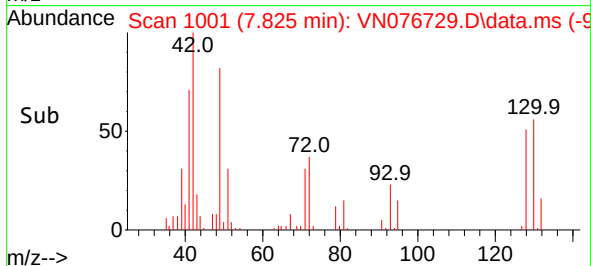
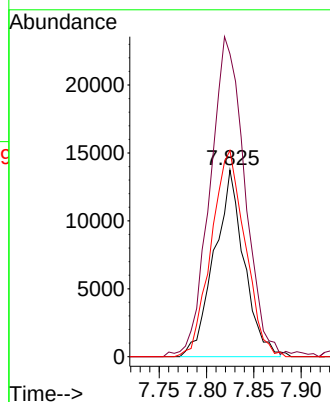
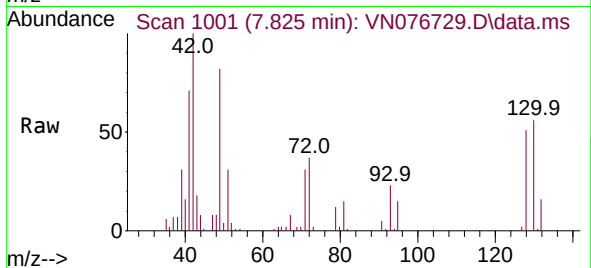
Tgt Ion:	128	Resp:	30180
Ion Ratio	Lower	Upper	
128	100		
49	198.1	0.0	461.8
130	125.2	0.0	295.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#2

Dichlorodifluoromethane

Concen: 20.940 ug/l

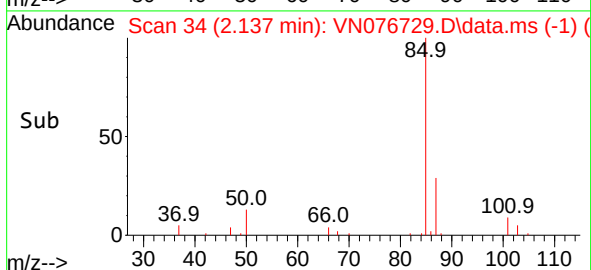
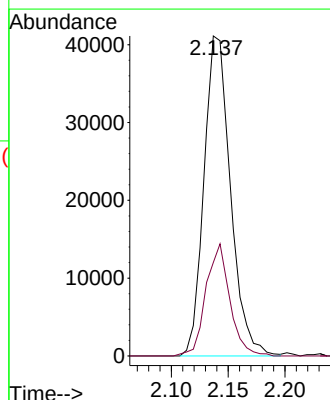
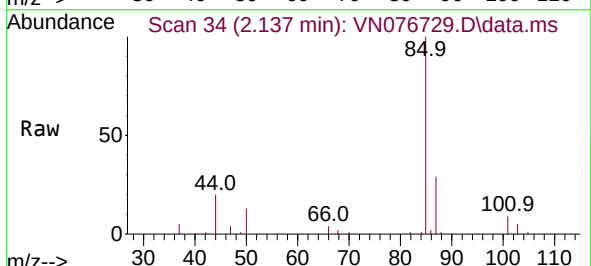
RT: 2.137 min Scan# 34

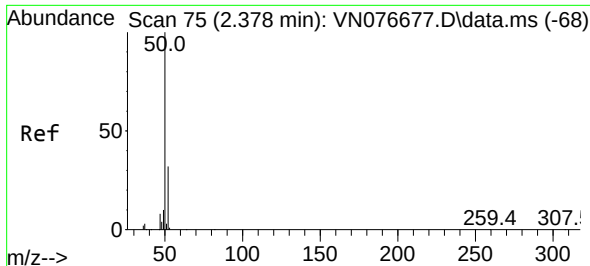
Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

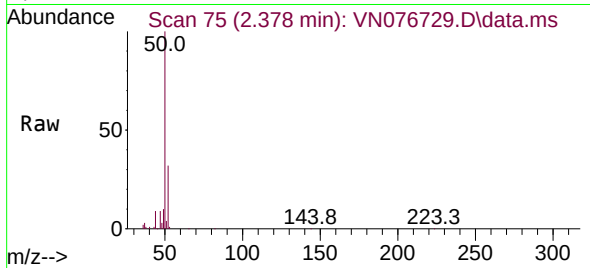
Tgt Ion:	85	Resp:	66891
Ion Ratio	Lower	Upper	
85	100		
87	29.2	15.4	46.1





#3
Chloromethane
Concen: 20.454 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

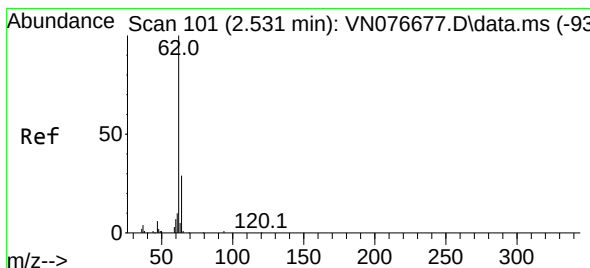
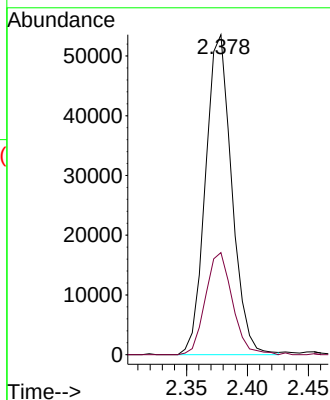
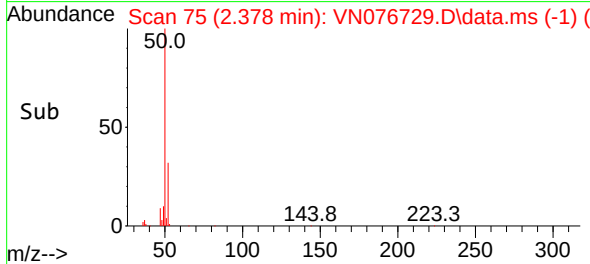
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



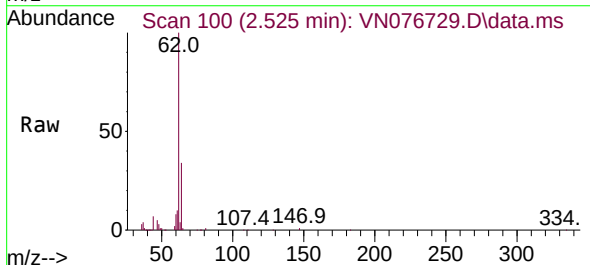
Tgt Ion: 50 Resp: 80230
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9

Manual Integrations
APPROVED

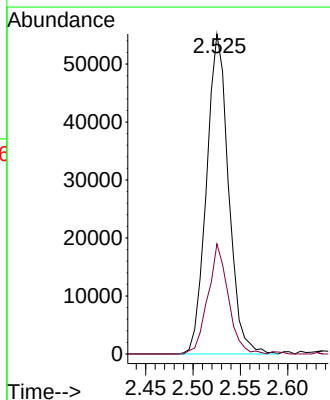
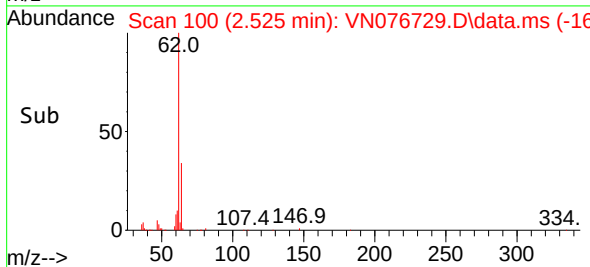
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

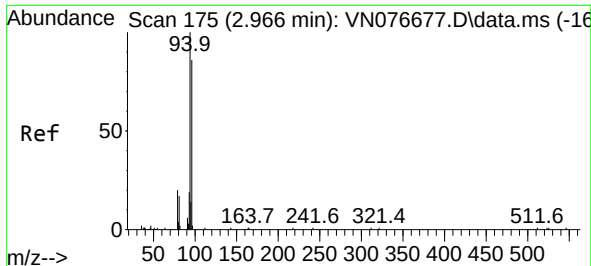


#4
Vinyl Chloride
Concen: 21.328 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



Tgt Ion: 62 Resp: 89291
Ion Ratio Lower Upper
62 100
64 34.4 23.1 34.7





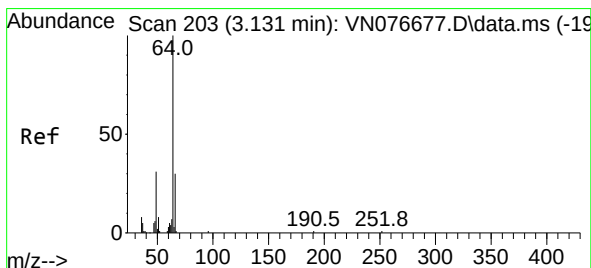
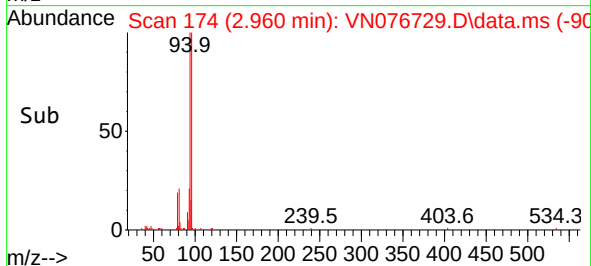
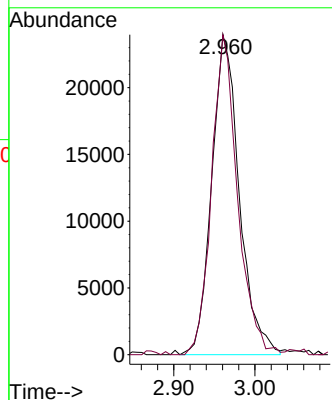
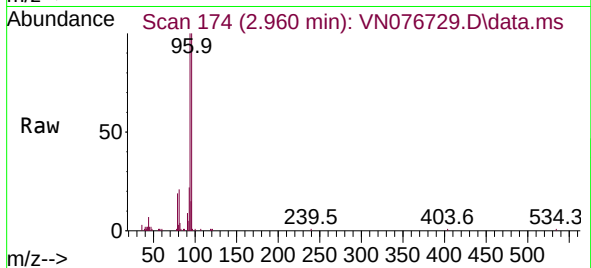
#5
Bromomethane
Concen: 19.567 ug/l
RT: 2.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076729.D
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Tgt Ion: 94 Resp: 5655
Ion Ratio Lower Upper
94 100
96 99.9 68.6 103.0

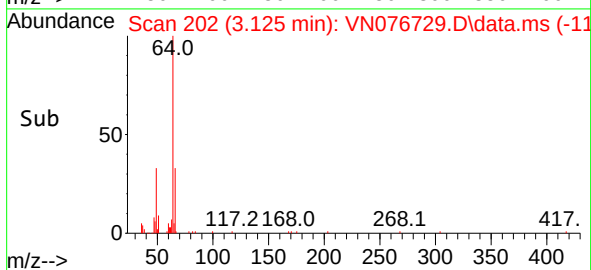
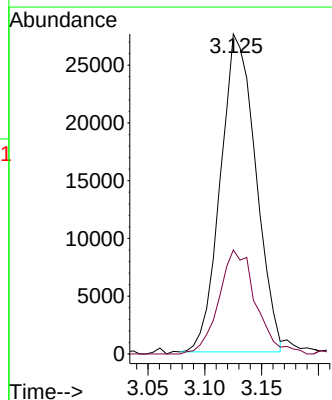
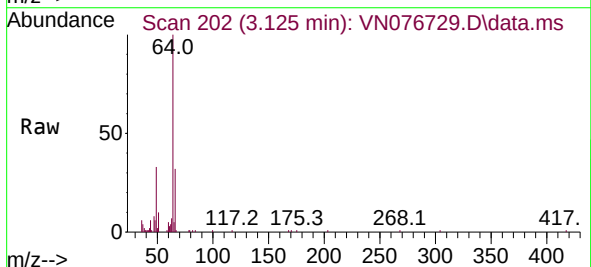
Manual Integrations
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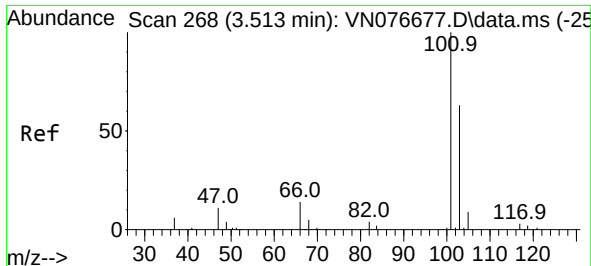
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#6
Chloroethane
Concen: 21.925 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 64 Resp: 59526
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.6





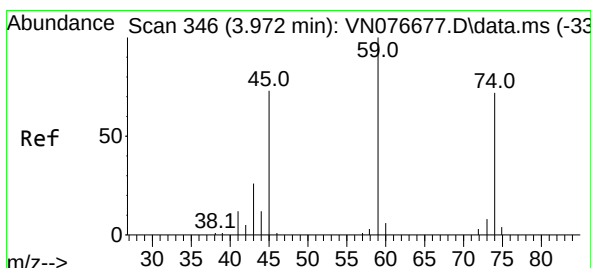
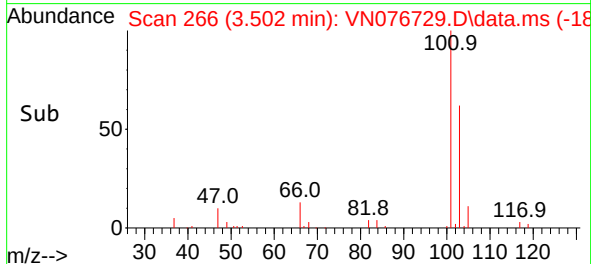
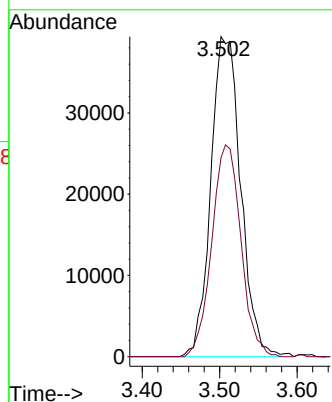
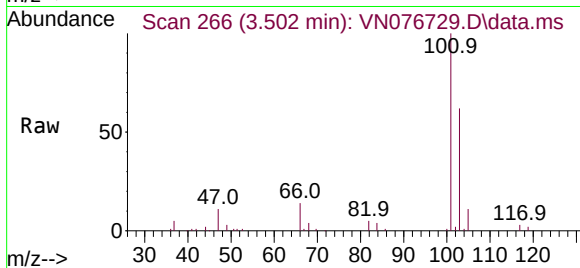
#7
Trichlorofluoromethane
Concen: 20.174 ug/l
RT: 3.502 min Scan# 266
Delta R.T. -0.012 min
Lab File: VN076729.D
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Tgt Ion:101 Resp: 105289
Ion Ratio Lower Upper
101 100
103 62.1 50.2 75.2

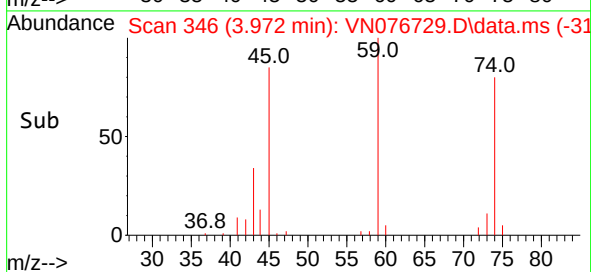
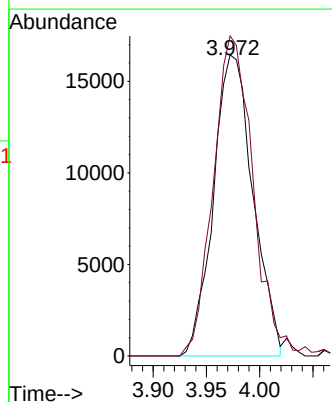
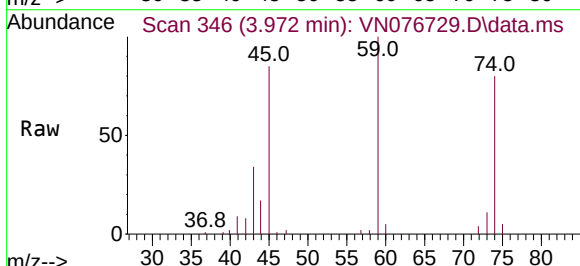
Manual Integrations
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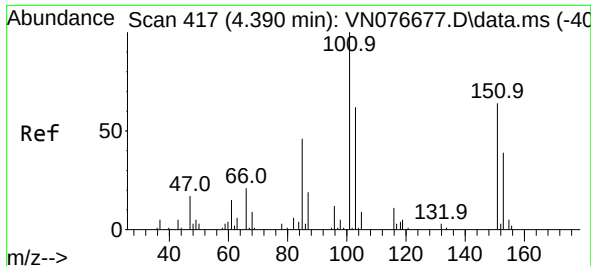
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#8
Diethyl Ether
Concen: 20.493 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 74 Resp: 42435
Ion Ratio Lower Upper
74 100
45 106.6 21.4 193.0





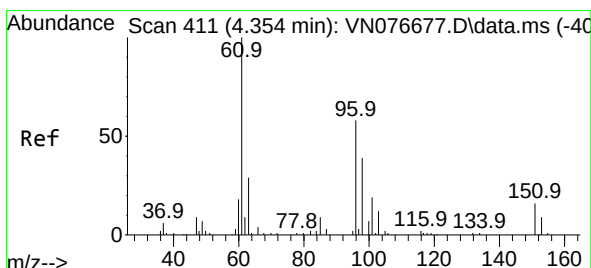
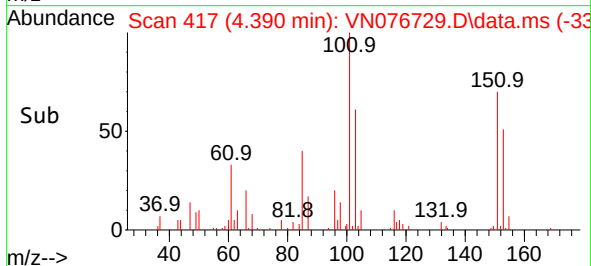
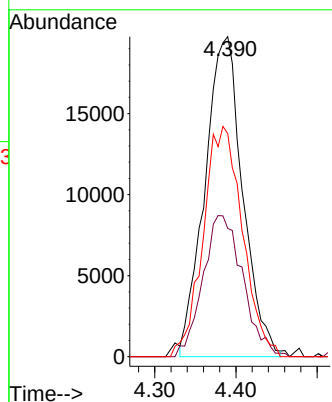
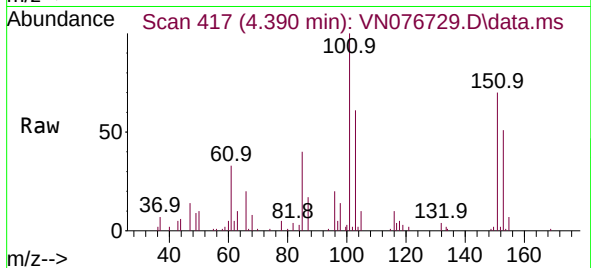
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.163 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 63954
Ion Ratio Lower Upper
101 100
85 46.3 0.0 95.2
151 74.6 0.0 142.2

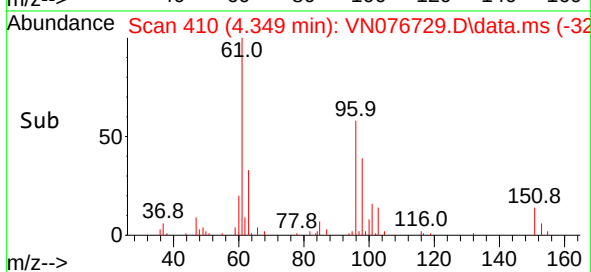
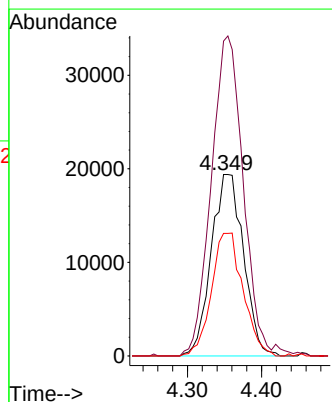
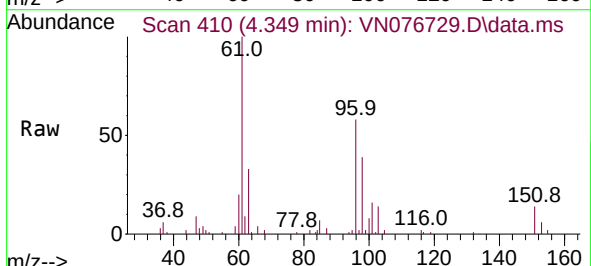
Manual Integrations
APPROVED

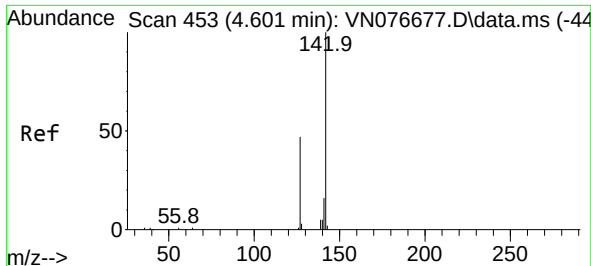
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
1,1-Dichloroethene
Concen: 19.672 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

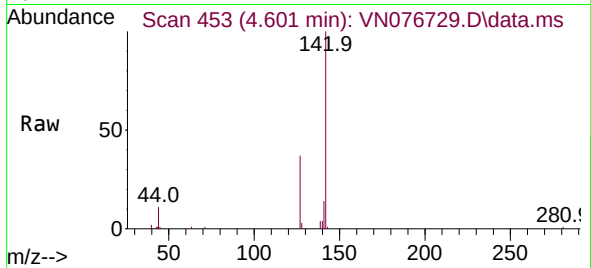
Tgt Ion: 96 Resp: 58602
Ion Ratio Lower Upper
96 100
61 173.4 137.1 205.7
98 67.6 53.2 79.8





#11
Methyl Iodide
Concen: 22.896 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

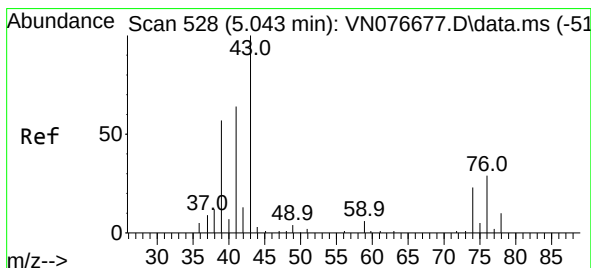
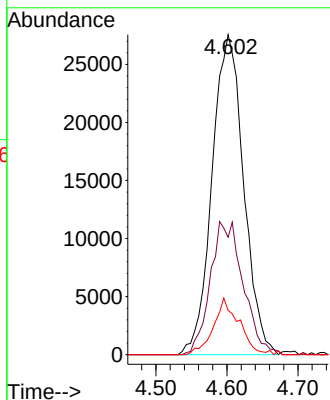
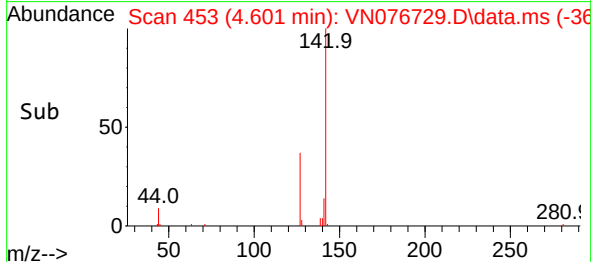
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 85112
Ion Ratio Lower Upper
142 100
127 36.1 25.0 75.0
141 13.2 8.0 24.0

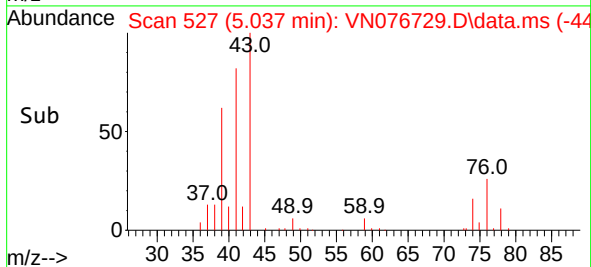
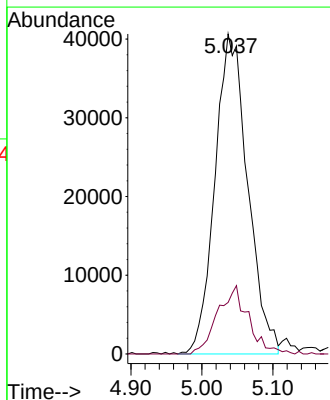
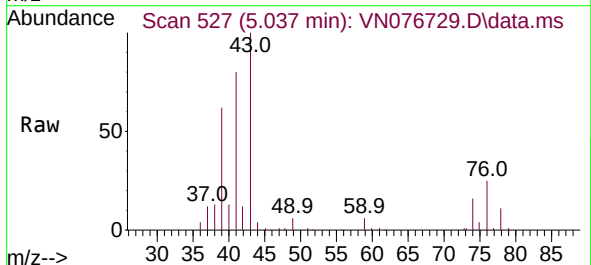
Manual Integrations
APPROVED

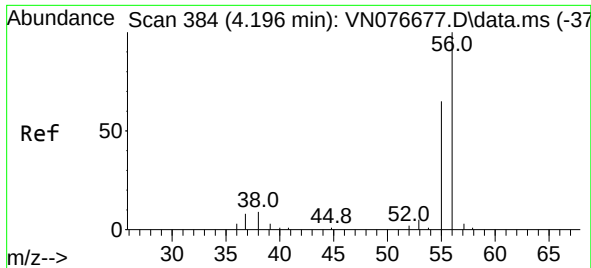
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
Methyl Acetate
Concen: 21.330 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

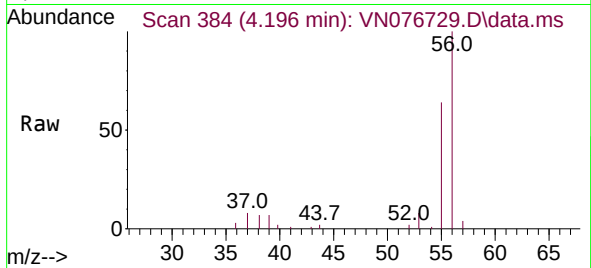
Tgt Ion: 43 Resp: 130268
Ion Ratio Lower Upper
43 100
74 15.6 19.0 28.4#





#13
Acrolein
Concen: 97.497 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

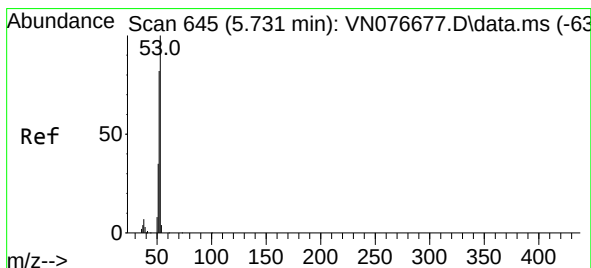
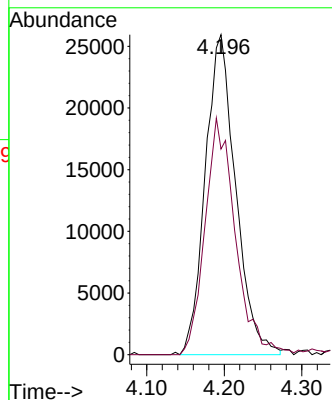
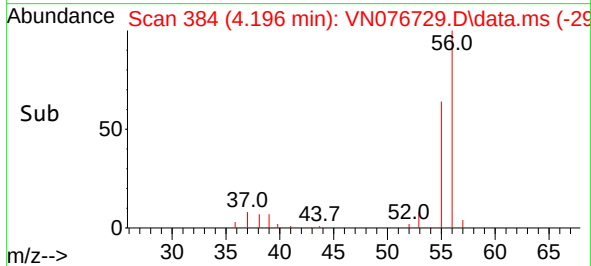
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 70719
Ion Ratio Lower Upper
56 100
55 69.1 55.0 82.4

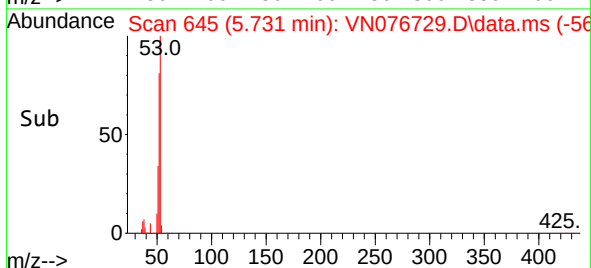
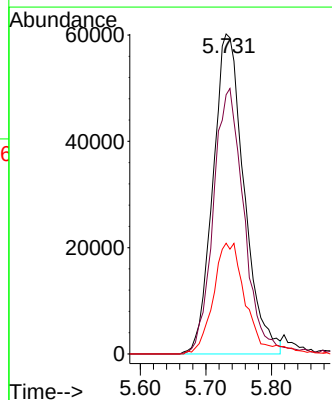
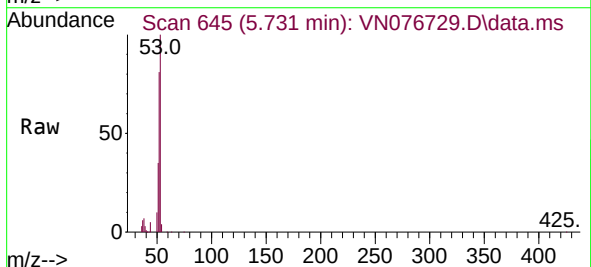
Manual Integrations
APPROVED

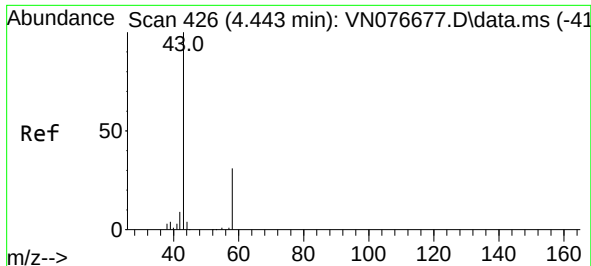
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#14
Acrylonitrile
Concen: 105.967 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 53 Resp: 198611
Ion Ratio Lower Upper
53 100
52 81.8 41.5 124.6
51 19.8 17.6 52.8





#15

Acetone

Concen: 106.773 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 6479

Ion Ratio Lower Upper

58 100

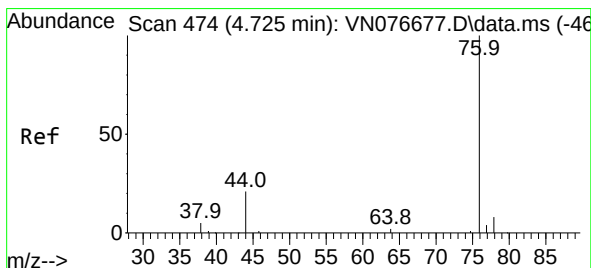
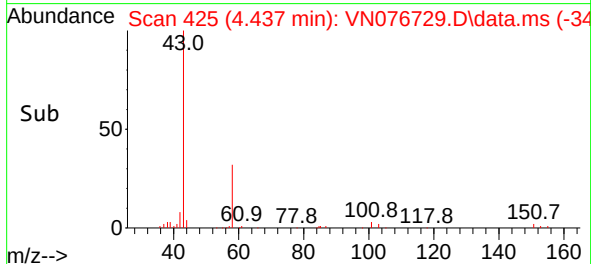
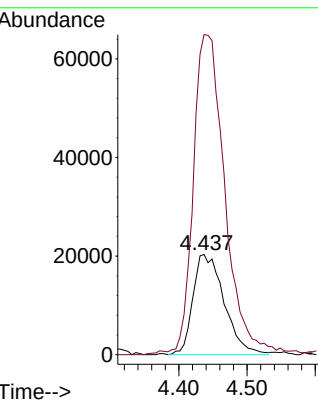
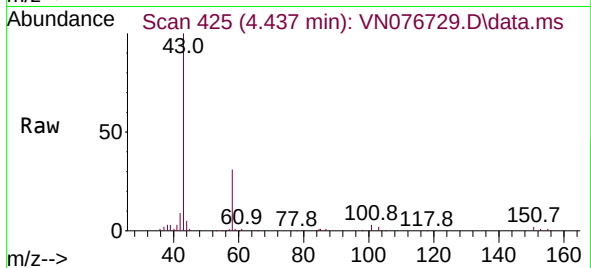
43 316.8 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#16

Carbon Disulfide

Concen: 19.368 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN076729.D

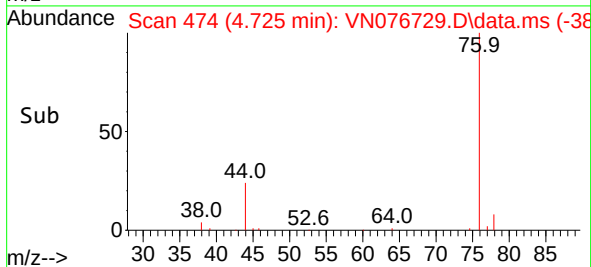
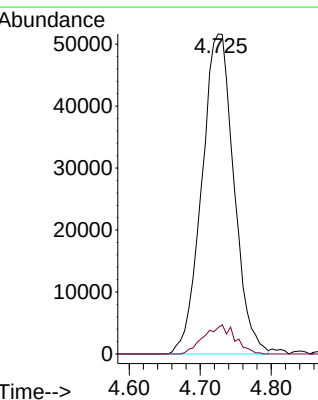
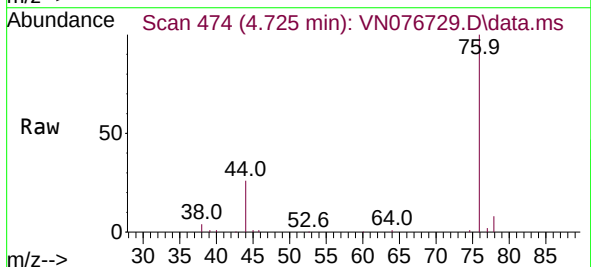
Acq: 17 Feb 2023 12:29

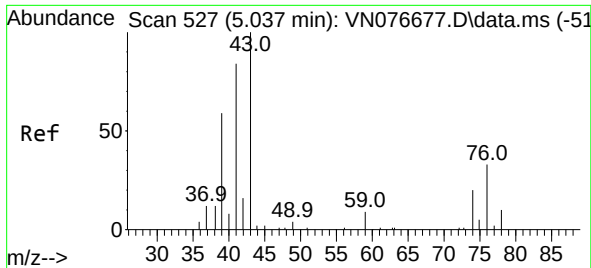
Tgt Ion: 76 Resp: 161838

Ion Ratio Lower Upper

76 100

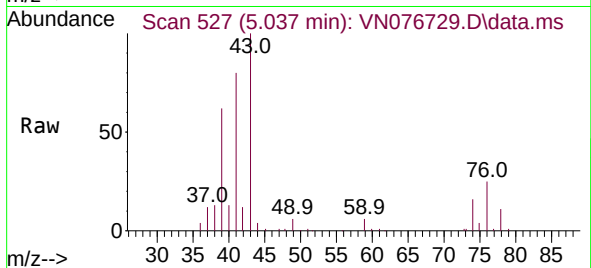
78 8.2 6.6 9.8





#17
 Allyl chloride
 Concen: 19.584 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN076729.D
 Acq: 17 Feb 2023 12:29

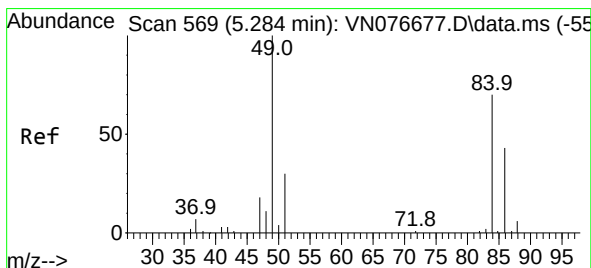
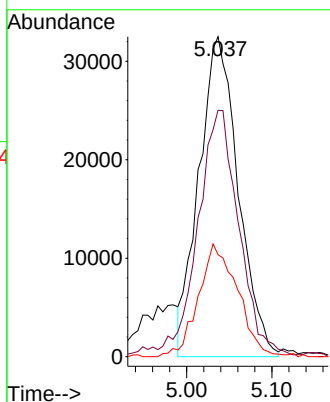
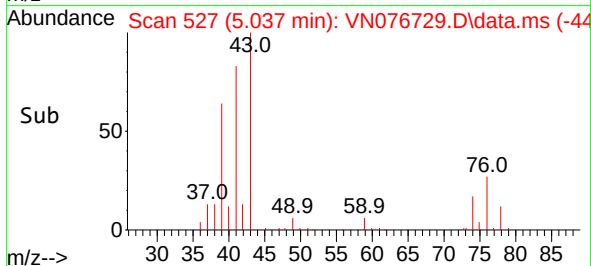
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 104429
 Ion Ratio Lower Upper
 41 100
 39 75.8 34.8 104.3
 76 31.5 17.5 52.5

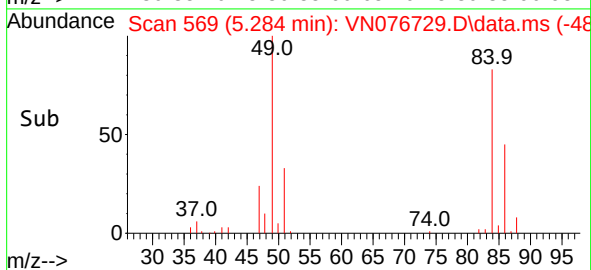
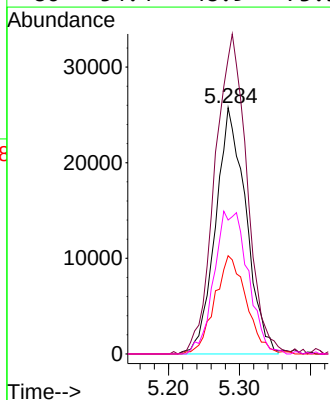
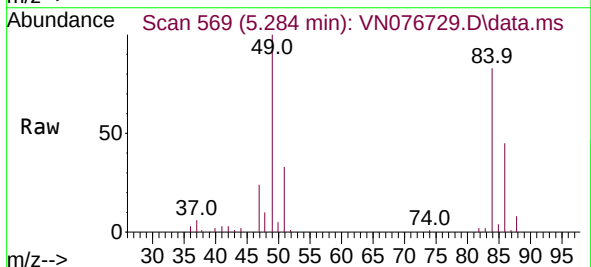
Manual Integrations
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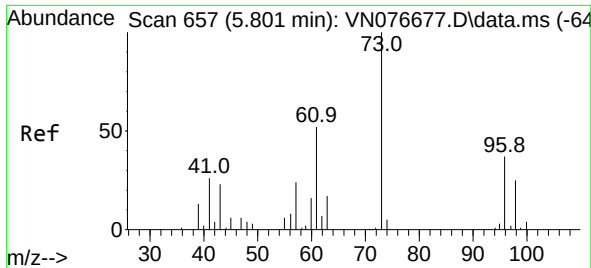
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#18
 Methylene Chloride
 Concen: 20.392 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN076729.D
 Acq: 17 Feb 2023 12:29

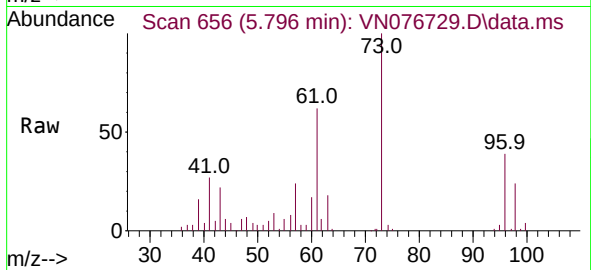
Tgt Ion: 84 Resp: 76678
 Ion Ratio Lower Upper
 84 100
 49 119.9 113.8 170.6
 51 39.9 34.2 51.4
 86 54.4 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 20.208 ug/l
RT: 5.796 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

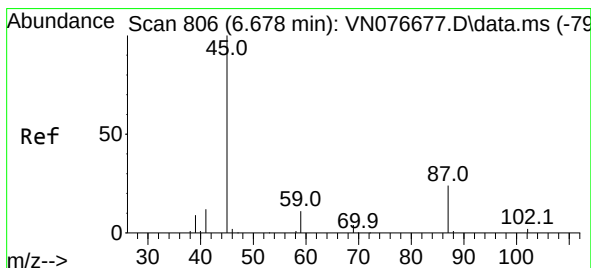
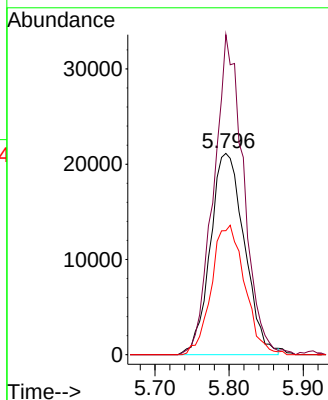
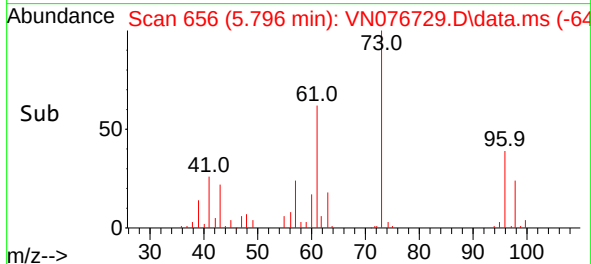
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 67514
Ion Ratio Lower Upper
96 100
61 159.0 111.0 166.4
98 61.6 55.0 82.6

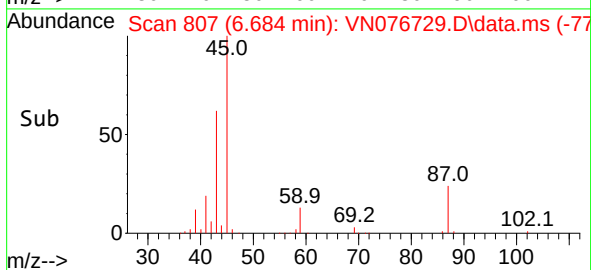
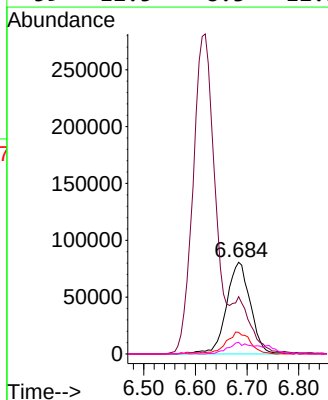
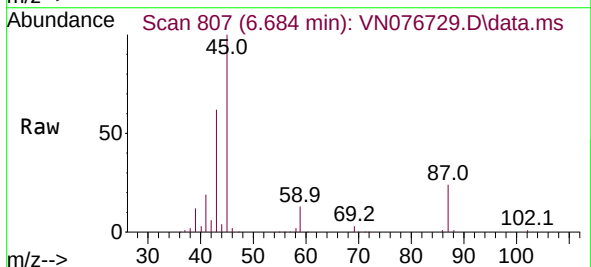
Manual Integrations
APPROVED

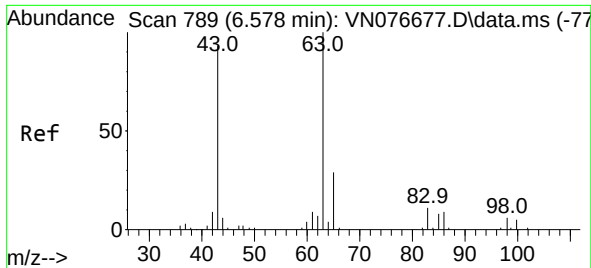
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Diisopropyl ether
Concen: 20.413 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 45 Resp: 257377
Ion Ratio Lower Upper
45 100
43 60.0 38.6 58.0#
87 23.6 20.1 30.1
59 12.5 8.3 12.5#





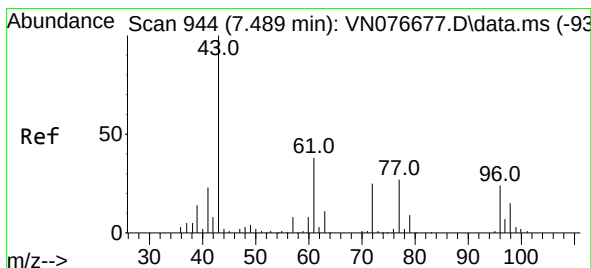
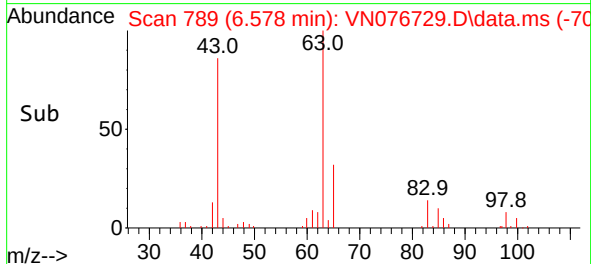
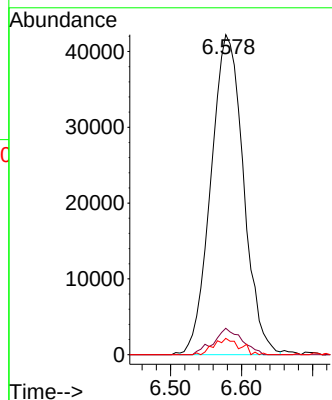
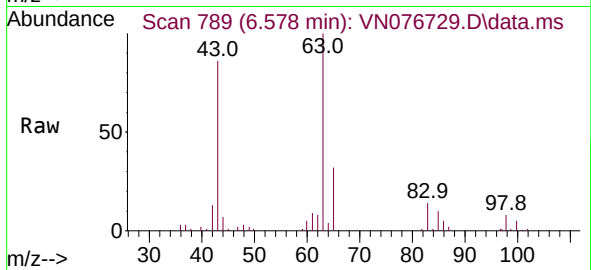
#21
1,1-Dichloroethane
Concen: 20.363 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 134304
Ion Ratio Lower Upper
63 100
98 9.1 3.6 10.9
100 5.1 2.6 7.8

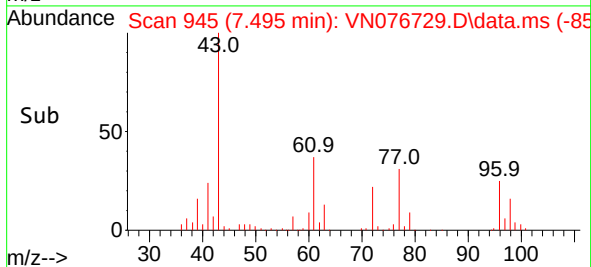
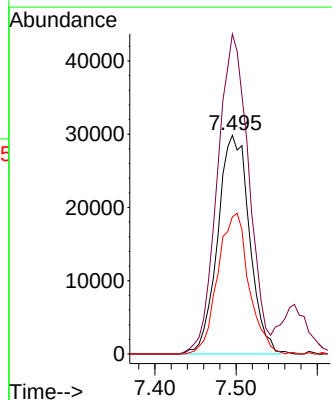
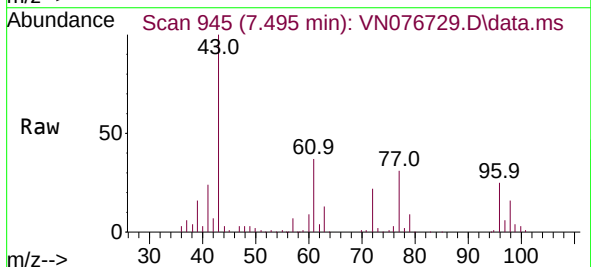
Manual Integrations
APPROVED

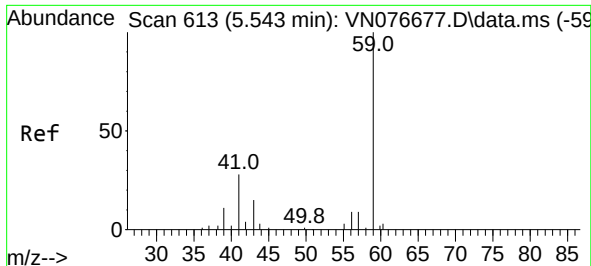
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#22
cis-1,2-Dichloroethene
Concen: 21.151 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

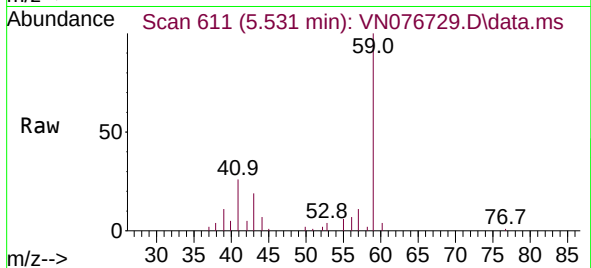
Tgt Ion: 96 Resp: 81075
Ion Ratio Lower Upper
96 100
61 144.5 121.0 181.4
98 63.0 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 106.946 ug/l m
RT: 5.531 min Scan# 613
Delta R.T. -0.012 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

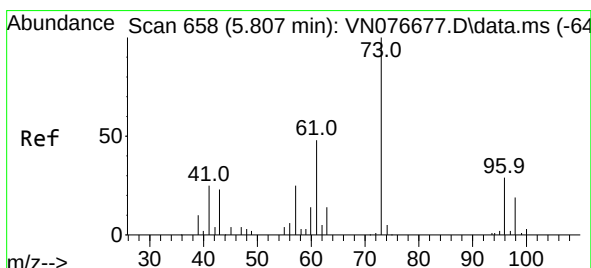
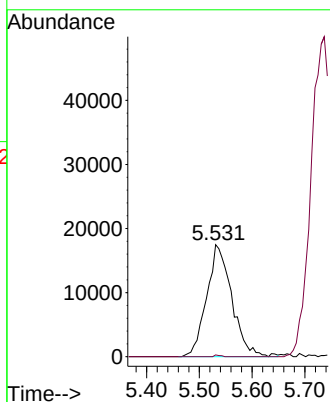
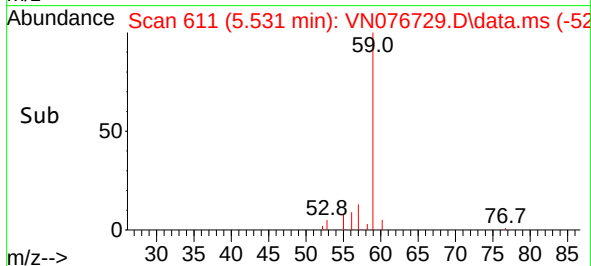
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 57930
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.2

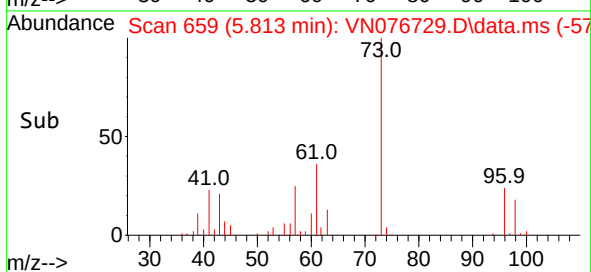
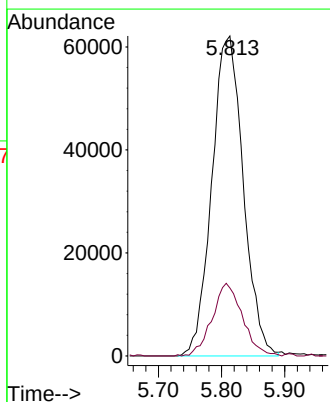
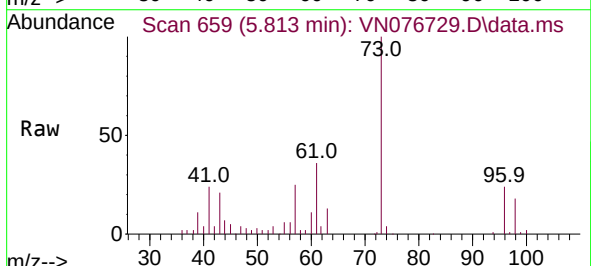
Manual Integrations
APPROVED

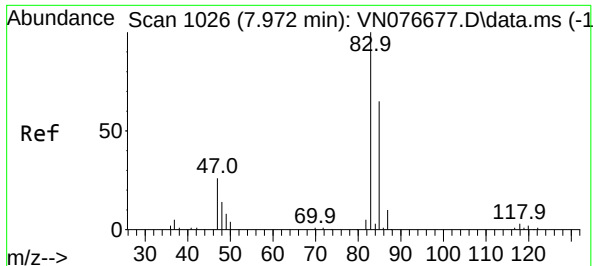
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#24
Methyl tert-Butyl Ether
Concen: 20.840 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 73 Resp: 214804
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6





#25

Chloroform

Concen: 20.999 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 135810

Ion Ratio Lower Upper

83 100

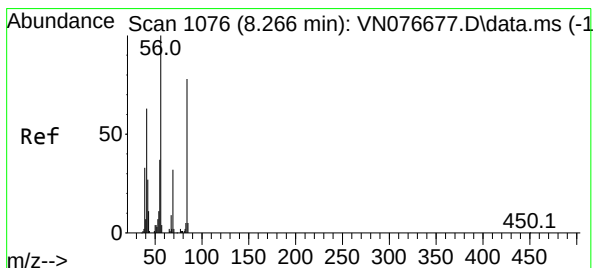
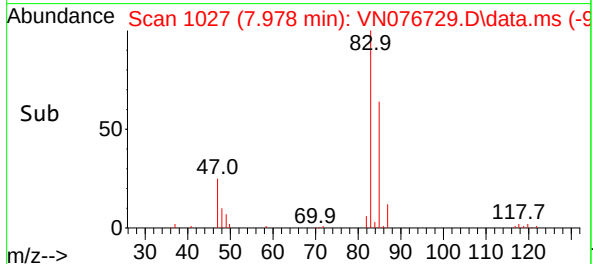
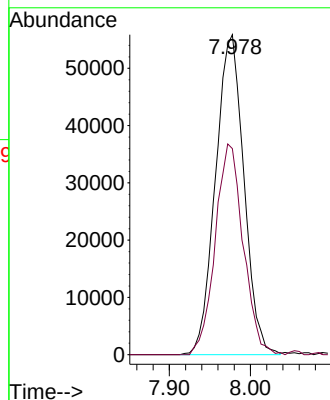
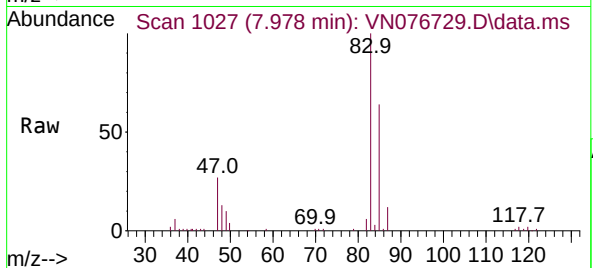
85 64.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#26

Cyclohexane

Concen: 20.550 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

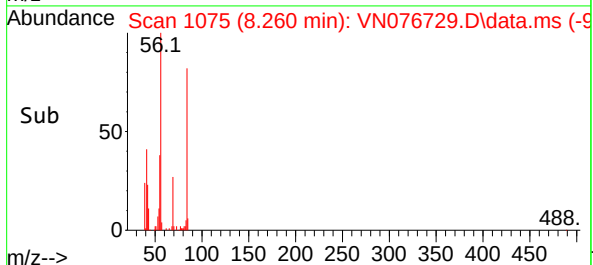
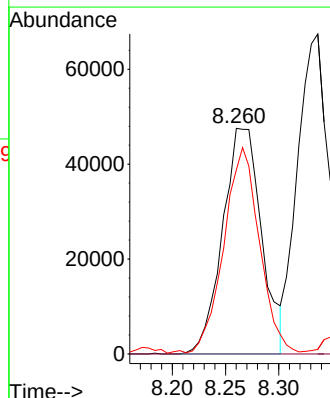
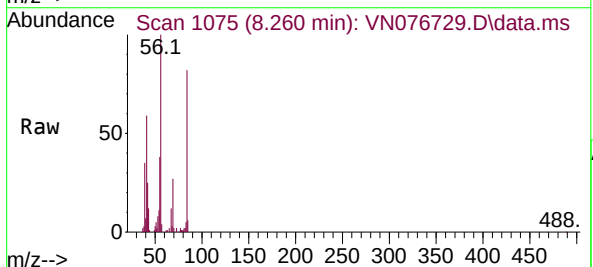
Tgt Ion: 56 Resp: 121137

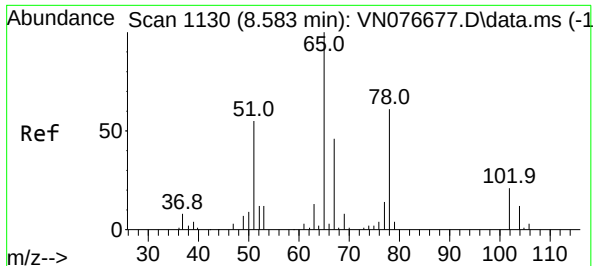
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.9 65.3 97.9





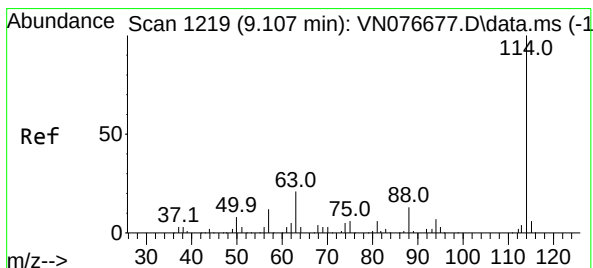
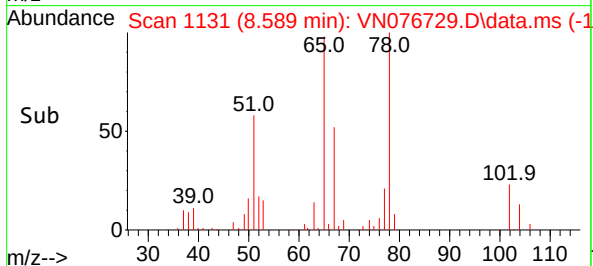
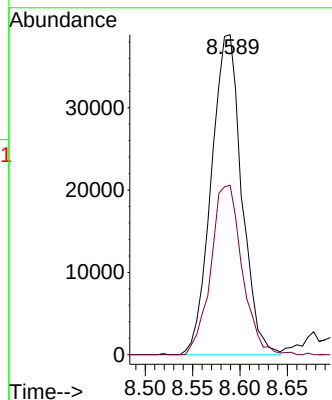
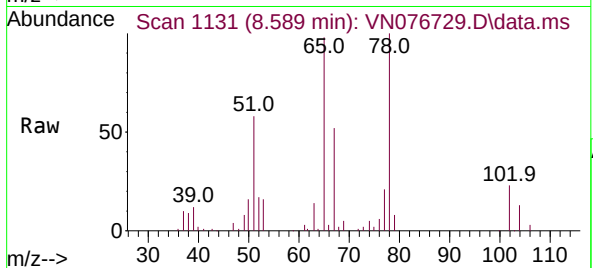
#27
1,2-Dichloroethane-d4
Concen: 31.472 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 86890
Ion Ratio Lower Upper
65 100
67 54.2 40.9 61.3

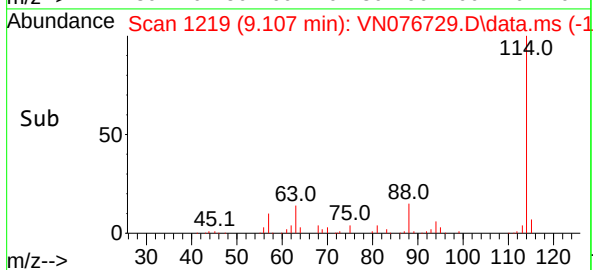
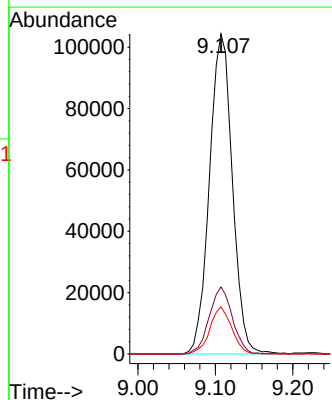
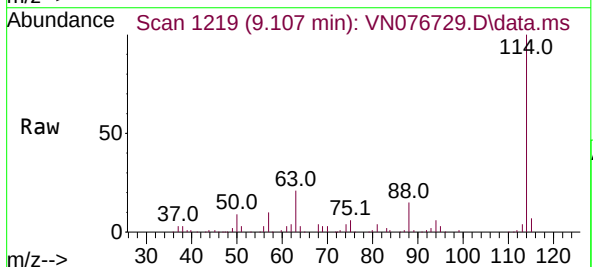
Manual Integrations
APPROVED

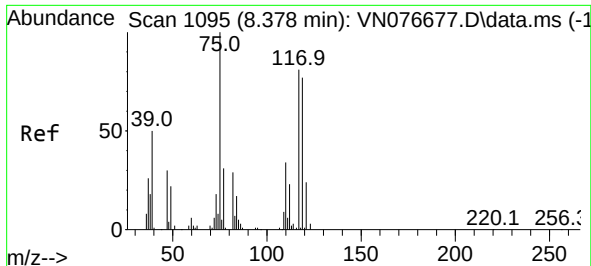
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:114 Resp: 215084
Ion Ratio Lower Upper
114 100
63 21.0 17.0 25.4
88 14.0 11.6 17.4





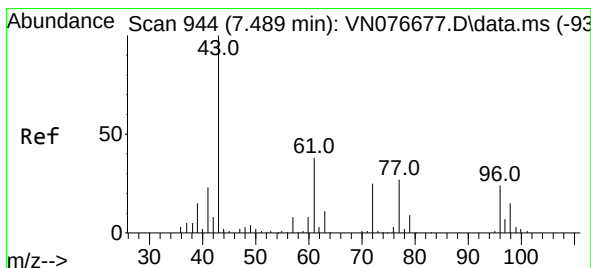
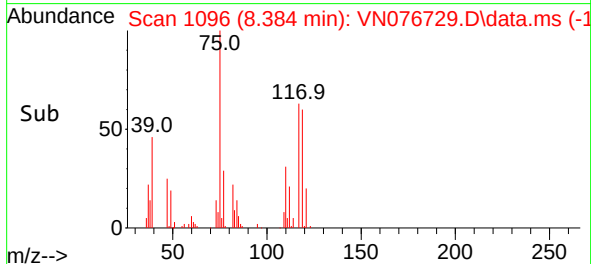
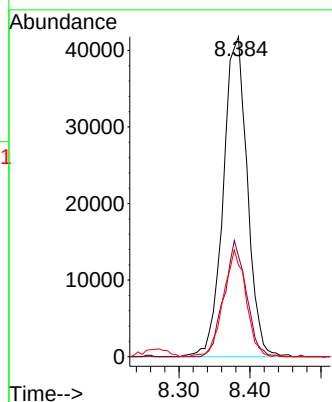
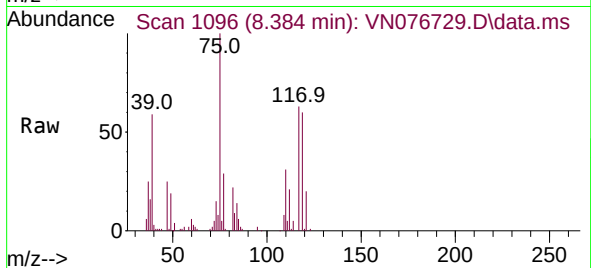
#29
1,1-Dichloropropene
Concen: 20.001 ug/l
RT: 8.384 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75	Resp: 9813
Ion Ratio	Lower Upper
75 100	
110 33.6	0.0 67.2
77 31.5	0.0 64.4

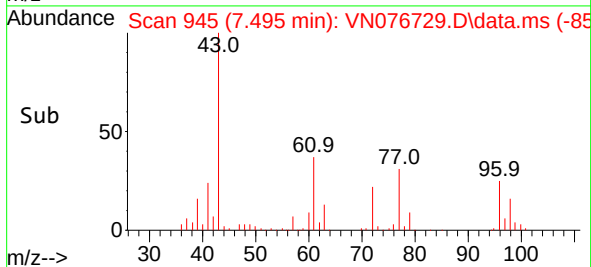
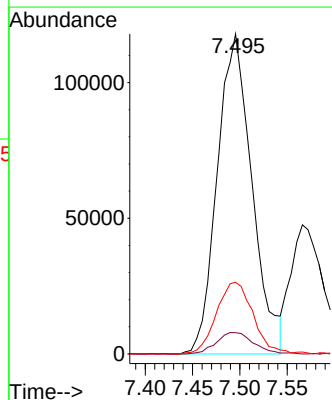
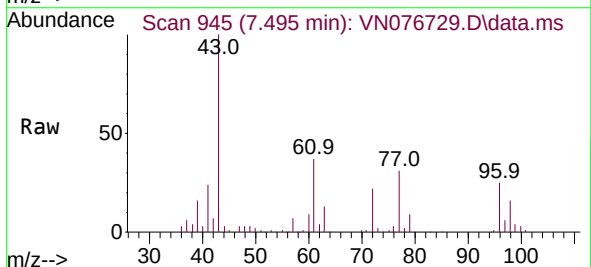
Manual Integrations
APPROVED

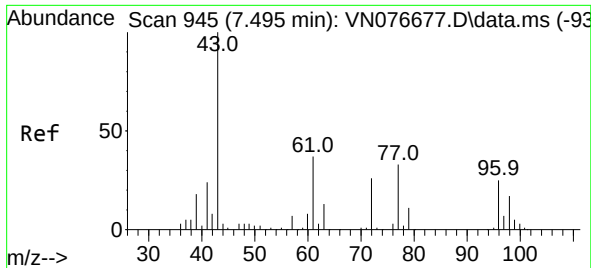
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#30
2-Butanone
Concen: 105.081 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 43	Resp: 300720
Ion Ratio	Lower Upper
43 100	
57 7.1	6.1 9.1
72 23.5	20.2 30.4





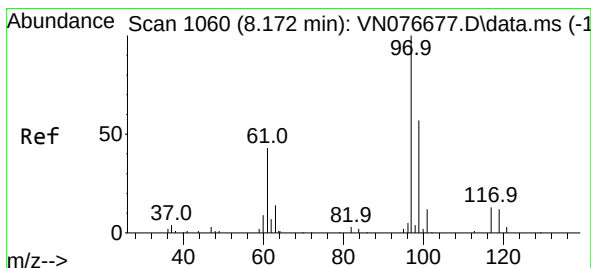
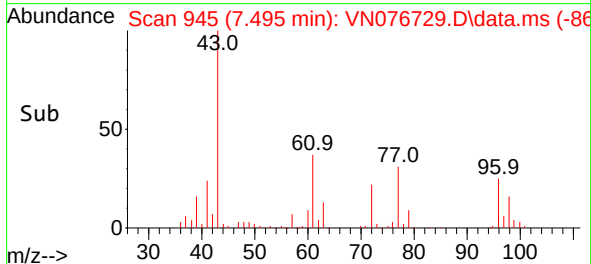
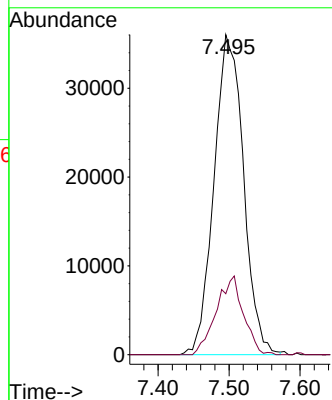
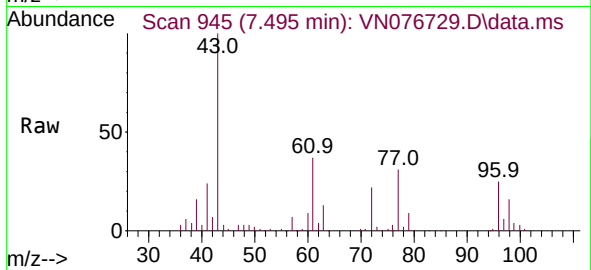
#31
2,2-Dichloropropane
Concen: 20.269 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 10393
Ion Ratio Lower Upper
77 100
97 22.5 7.2 10.8

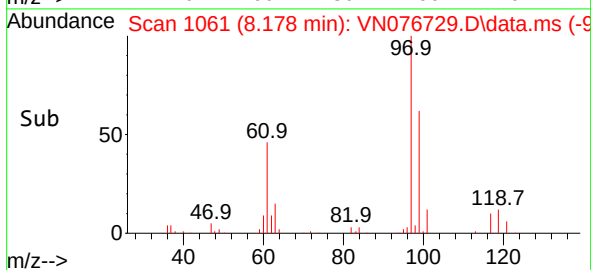
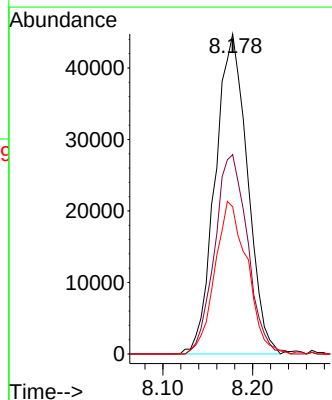
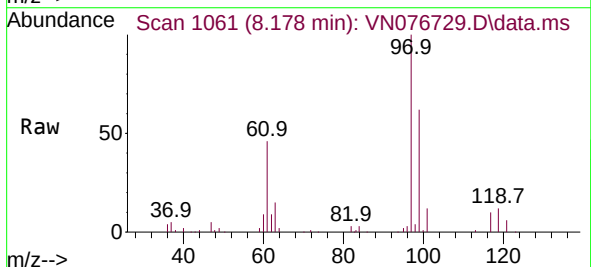
Manual Integrations
APPROVED

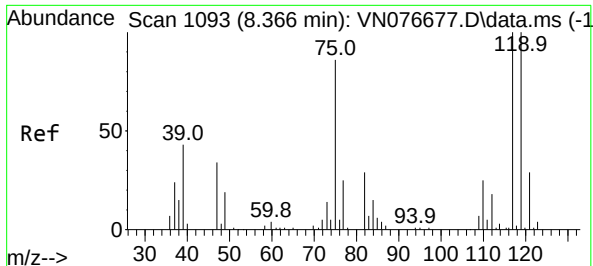
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#32
1,1,1-Trichloroethane
Concen: 19.592 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

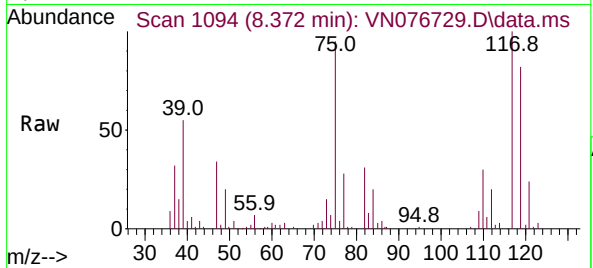
Tgt Ion: 97 Resp: 111591
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 47.8 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.146 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

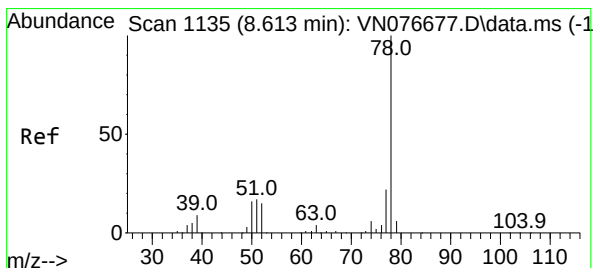
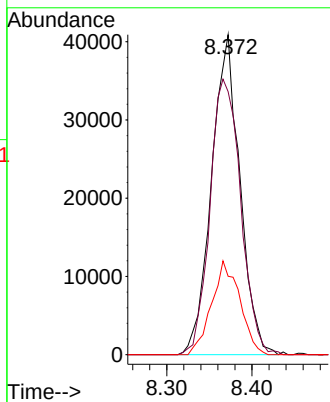
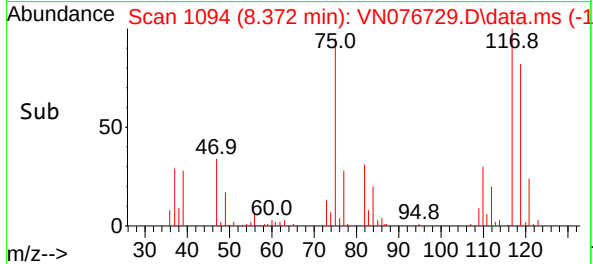
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 9448
Ion Ratio Lower Upper
117 100
119 82.2 79.8 119.8
121 24.5 23.4 35.0

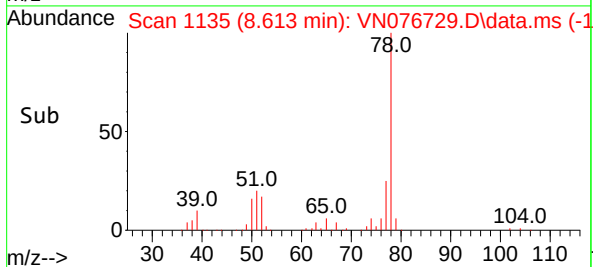
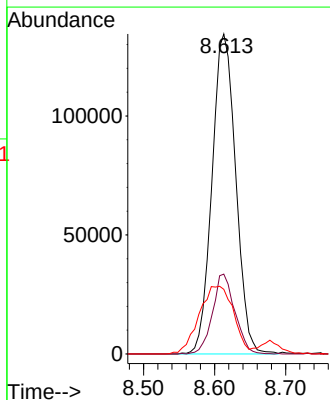
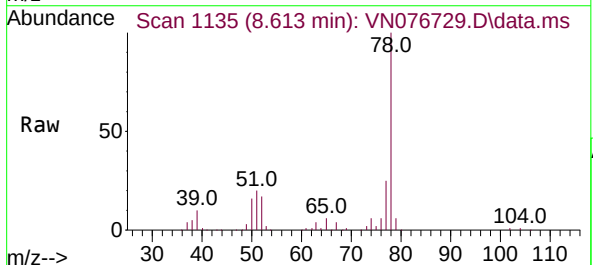
Manual Integrations
APPROVED

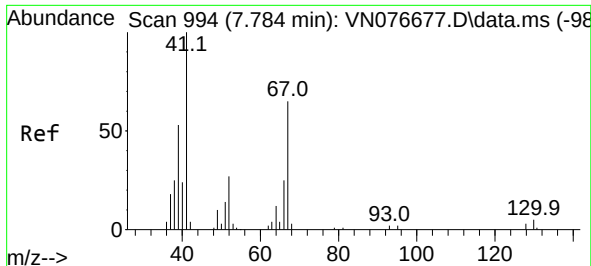
Reviewed By : John Carlone 02/21/2023
Supervised By : Mahesh Dadoda 02/21/2023



#34
Benzene
Concen: 19.947 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

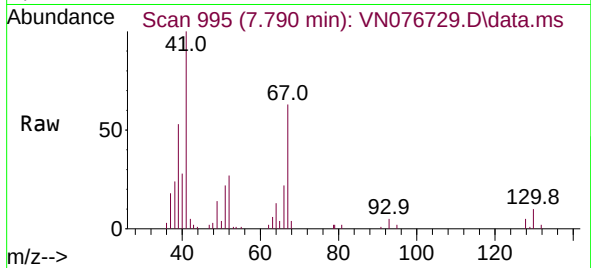
Tgt Ion: 78 Resp: 312435
Ion Ratio Lower Upper
78 100
77 24.9 17.4 26.2
51 19.7 13.8 20.6





#35
Methacrylonitrile
Concen: 19.133 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

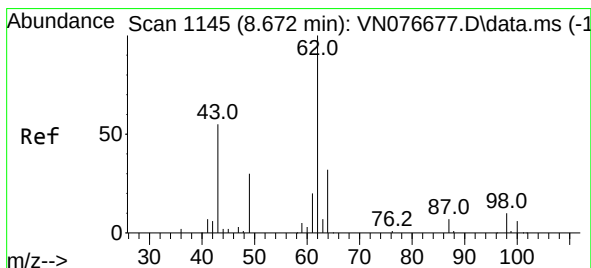
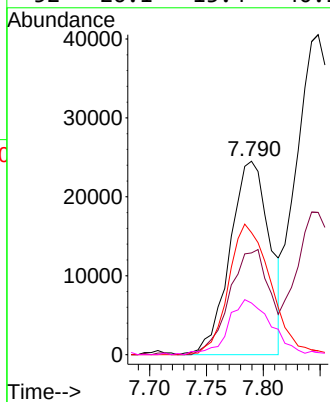
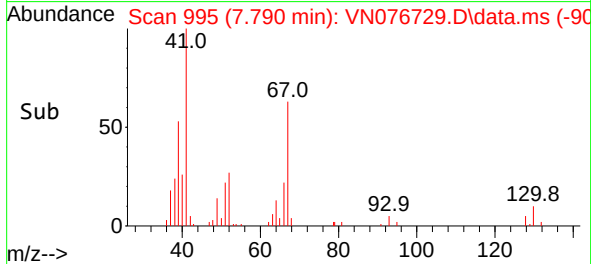
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	5972
Ion	Ratio	Lower	Upper
41	100		
39	52.6	26.6	79.7
67	63.1	32.3	96.9
52	26.1	13.4	40.1

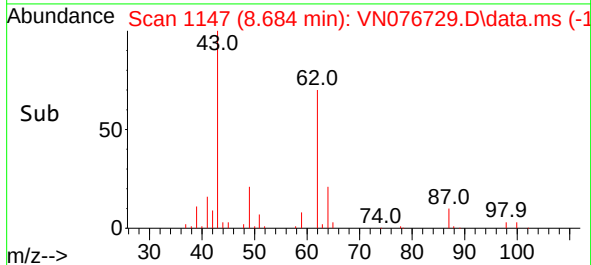
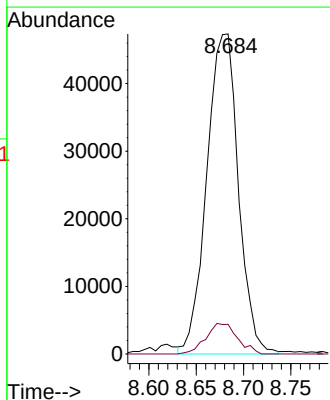
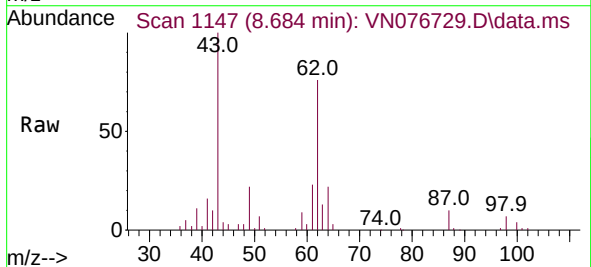
Manual Integrations
APPROVED

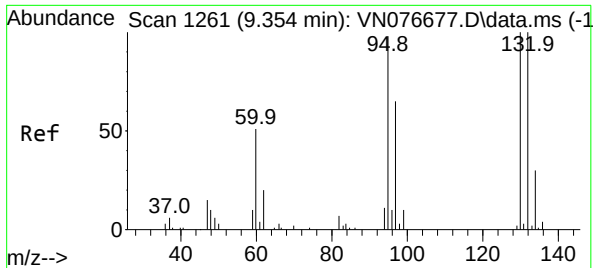
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#36
1,2-Dichloroethane
Concen: 21.003 ug/l
RT: 8.684 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

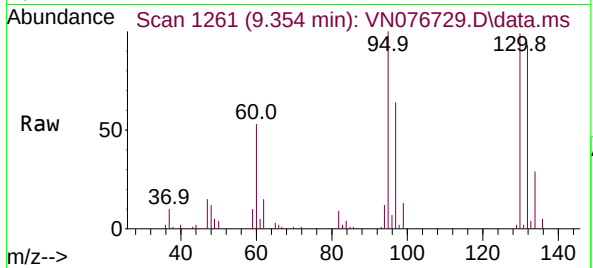
Tgt Ion:	62	Resp:	110112
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.0





#37
Trichloroethene
Concen: 19.501 ug/l
RT: 9.354 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

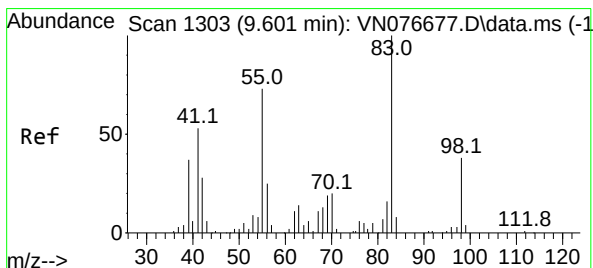
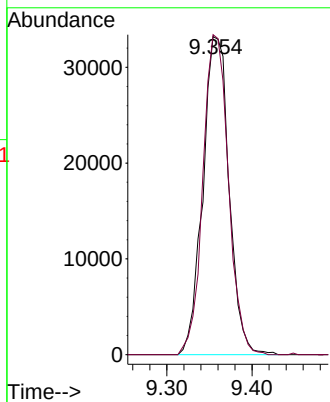
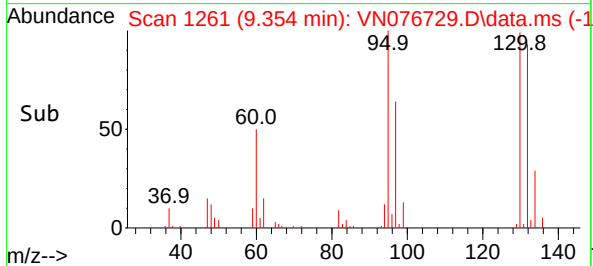
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



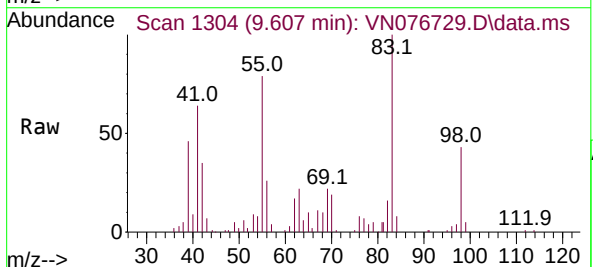
Tgt Ion:130 Resp: 71034
Ion Ratio Lower Upper
130 100
95 100.6 78.7 118.1

Manual Integrations
APPROVED

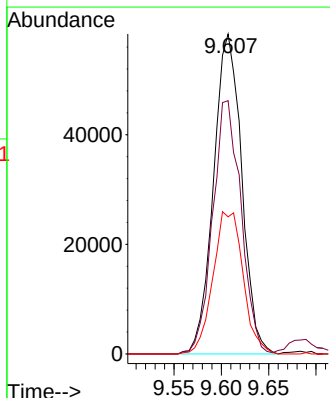
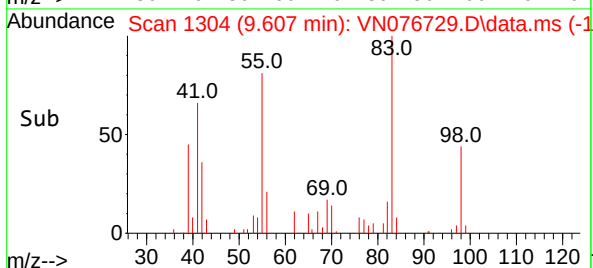
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

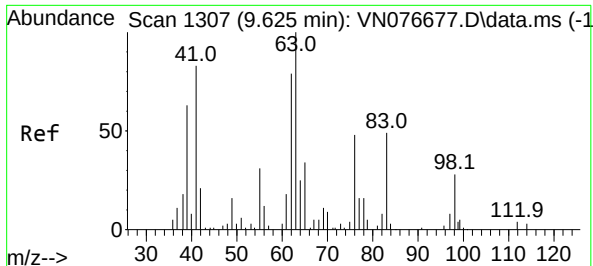


#38
Methylcyclohexane
Concen: 19.556 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



Tgt Ion: 83 Resp: 120740
Ion Ratio Lower Upper
83 100
55 79.5 37.6 112.9
98 47.5 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.784 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 8460

Ion Ratio Lower Upper

63 100

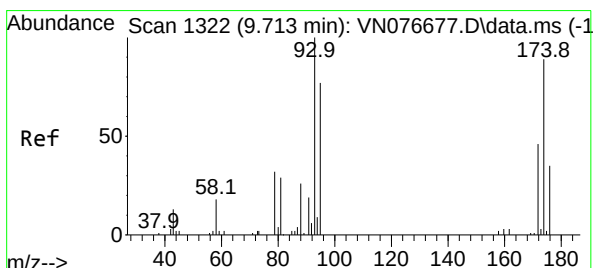
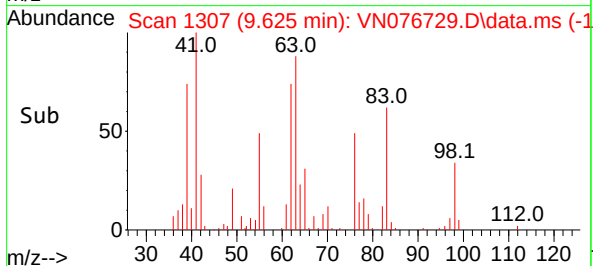
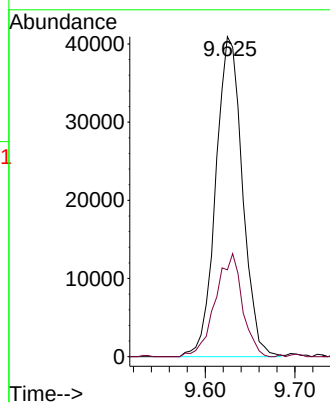
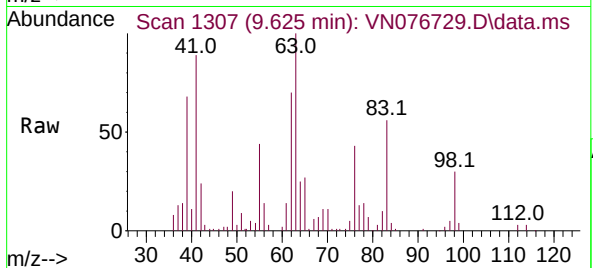
65 27.2 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Dibromomethane

Concen: 20.280 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

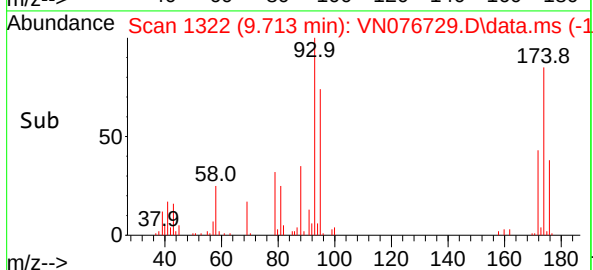
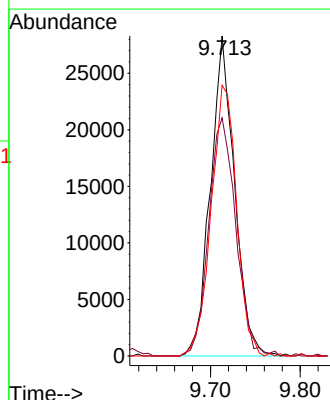
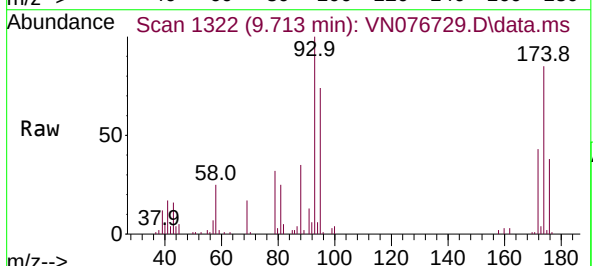
Tgt Ion: 93 Resp: 52648

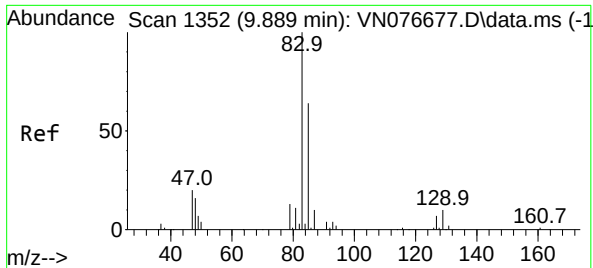
Ion Ratio Lower Upper

93 100

95 83.2 0.0 158.0

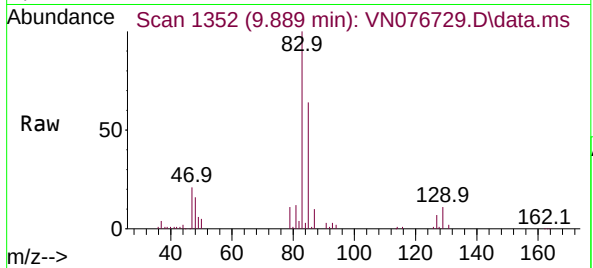
174 89.5 0.0 171.2





#41
Bromodichloromethane
Concen: 19.744 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

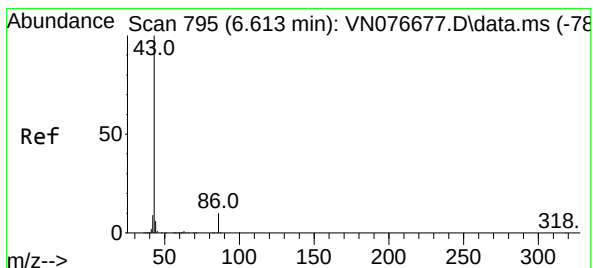
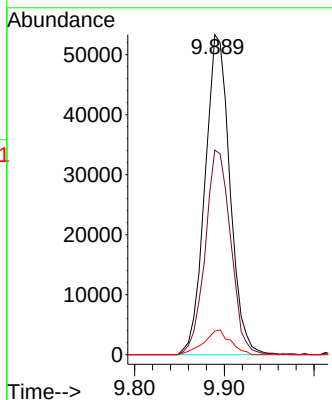
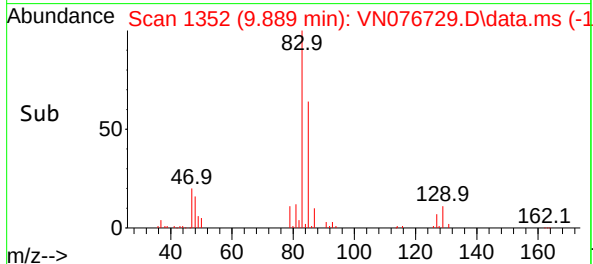
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 102814
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4
127 8.1 6.2 9.2

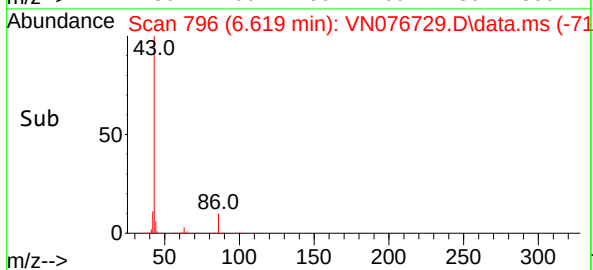
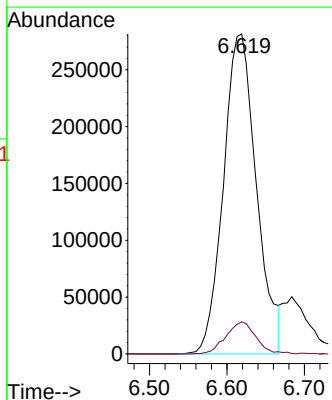
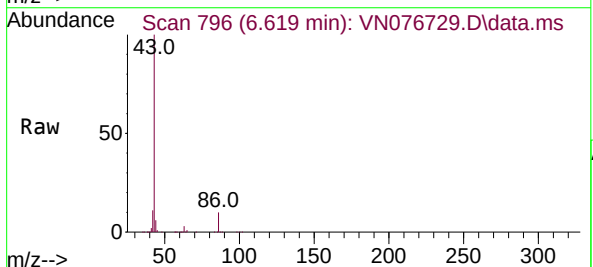
Manual Integrations
APPROVED

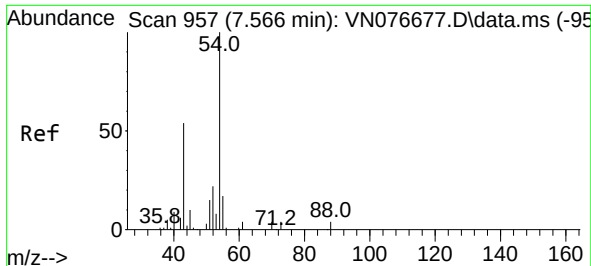
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
Vinyl Acetate
Concen: 100.451 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

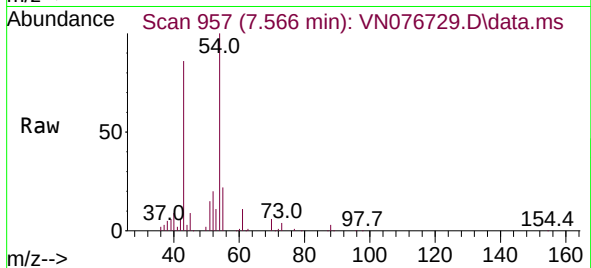
Tgt Ion: 43 Resp: 833112
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.6





#43
Ethyl Acetate
Concen: 19.673 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

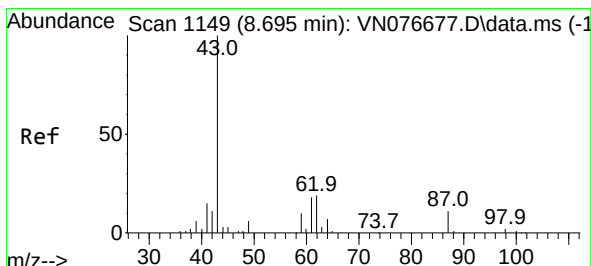
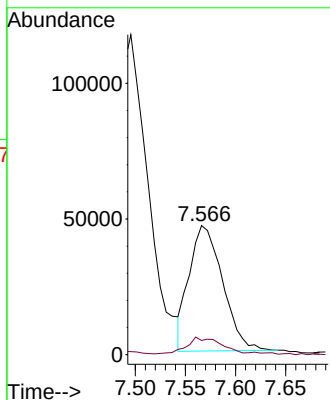
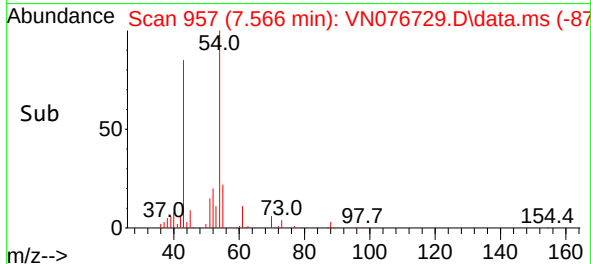
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



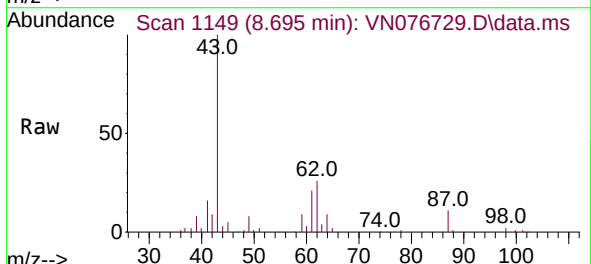
Tgt Ion: 43 Resp: 107262
Ion Ratio Lower Upper
43 100
45 6.3 11.2 16.8

Manual Integrations
APPROVED

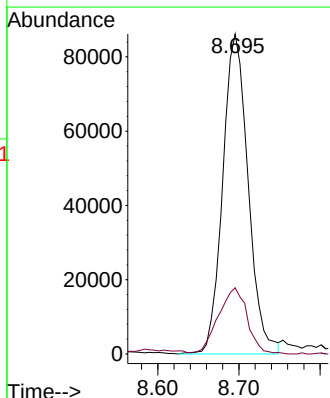
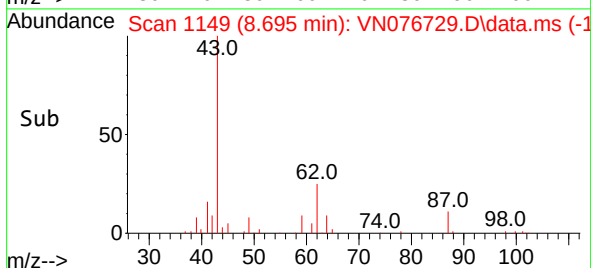
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

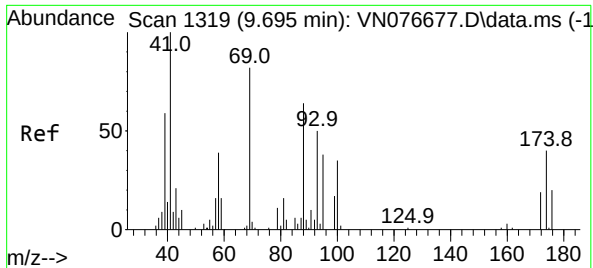


#44
Isopropyl Acetate
Concen: 20.908 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



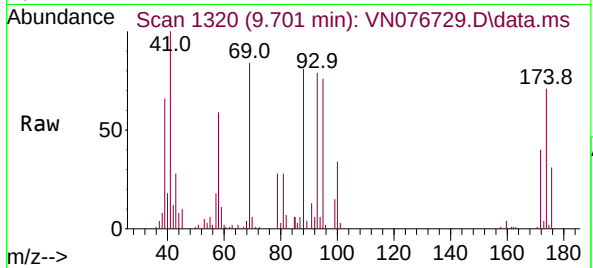
Tgt Ion: 43 Resp: 187650
Ion Ratio Lower Upper
43 100
61 23.6 19.5 29.3





#45
1,4-Dioxane
Concen: 419.502 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

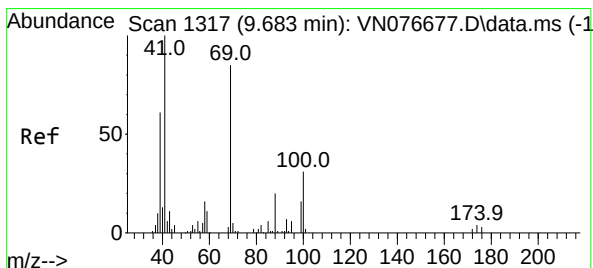
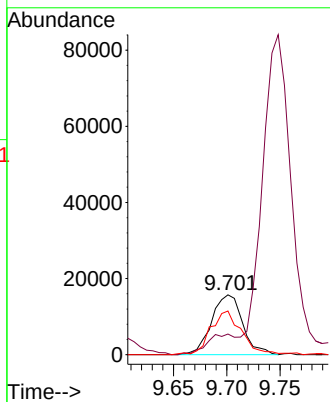
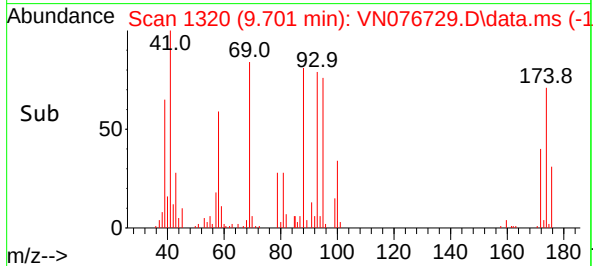
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



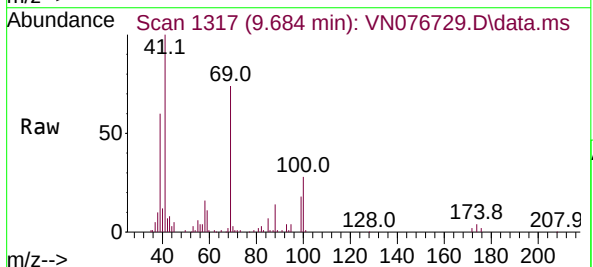
Tgt Ion: 88 Resp: 31860
Ion Ratio Lower Upper
88 100
43 30.7 26.0 39.0
58 71.5 54.3 81.5

Manual Integrations
APPROVED

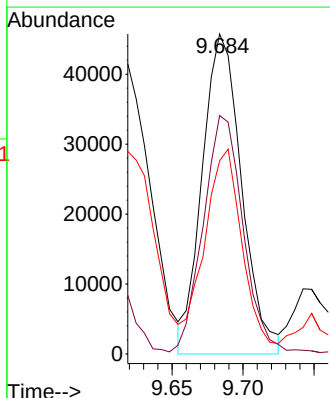
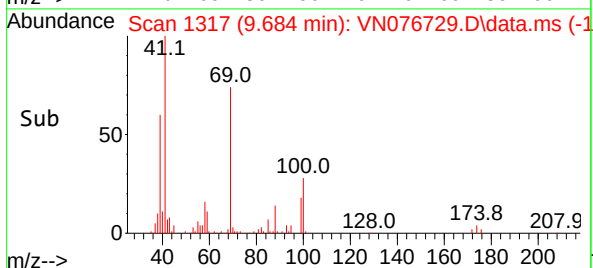
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

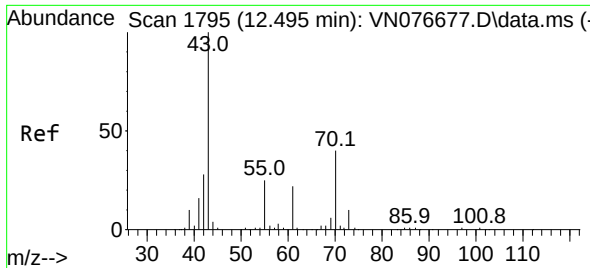


#46
Methyl methacrylate
Concen: 21.434 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



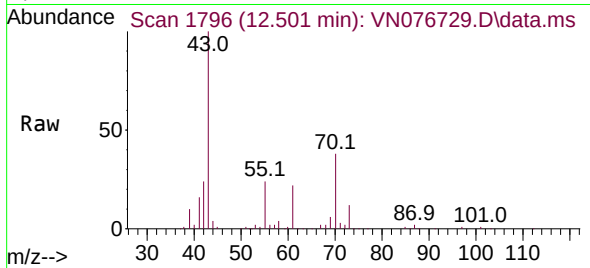
Tgt Ion: 41 Resp: 88306
Ion Ratio Lower Upper
41 100
69 76.4 40.6 121.7
39 60.8 30.5 91.5





#47
n-amy1 Acetate
Concen: 20.430 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

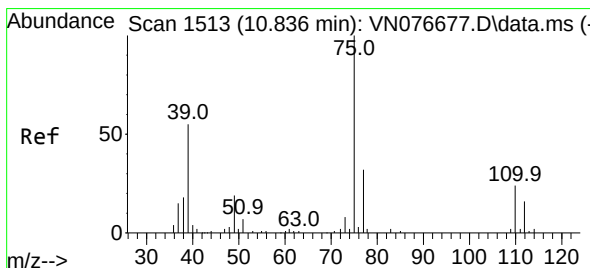
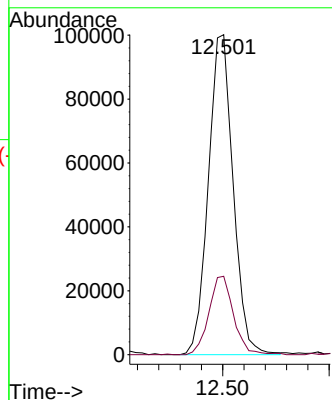
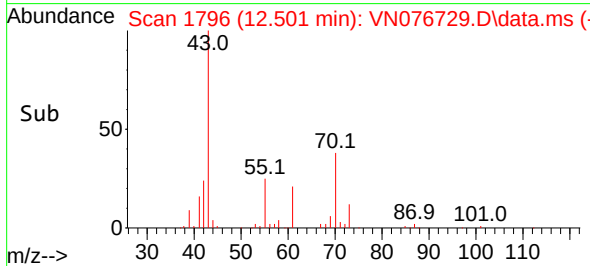
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



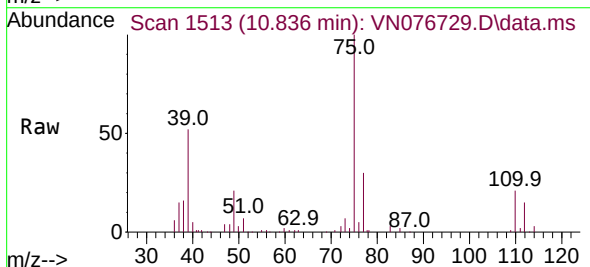
Tgt Ion: 43 Resp: 16192
Ion Ratio Lower Upper
43 100
55 24.2 18.3 27.5

Manual Integrations
APPROVED

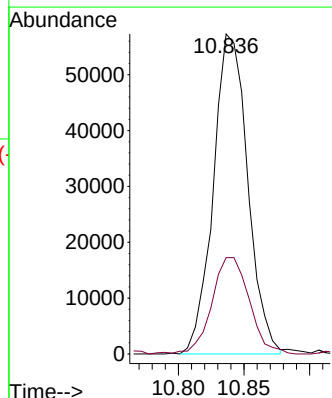
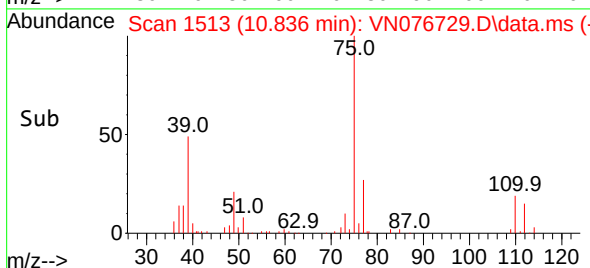
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

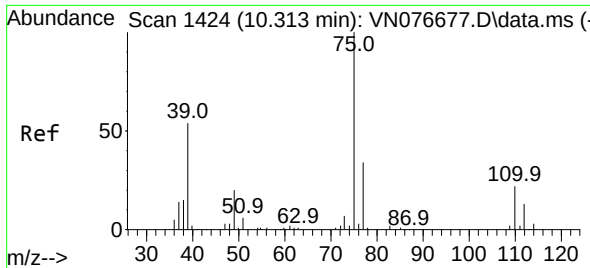


#48
t-1,3-Dichloropropene
Concen: 19.778 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



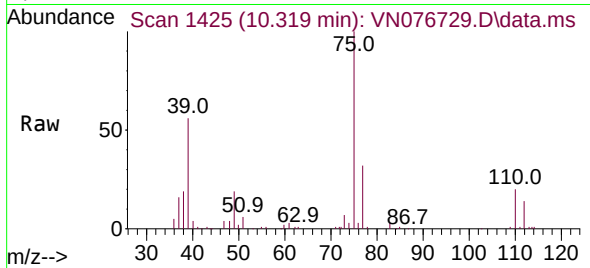
Tgt Ion: 75 Resp: 104459
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 19.641 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN076729.D
 Acq: 17 Feb 2023 12:29

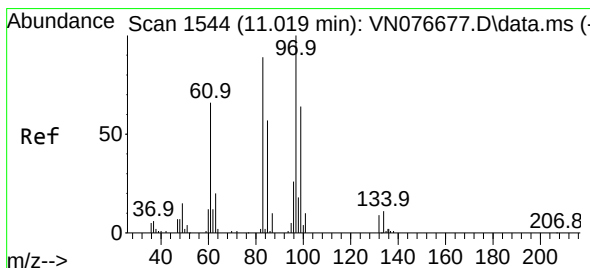
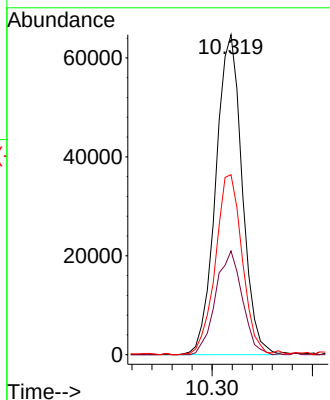
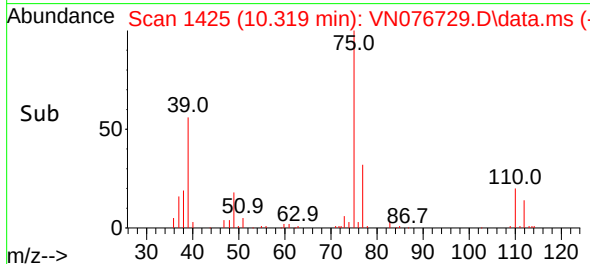
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 11807
 Ion Ratio Lower Upper
 75 100
 77 32.4 27.5 41.3
 39 56.3 43.5 65.3

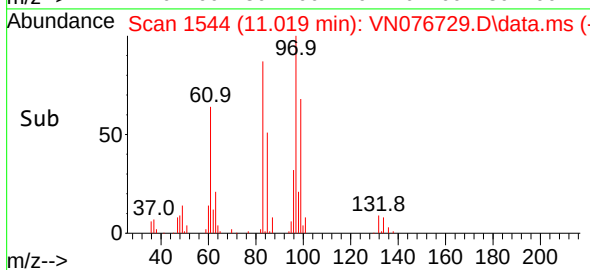
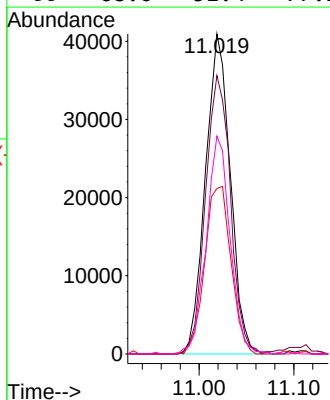
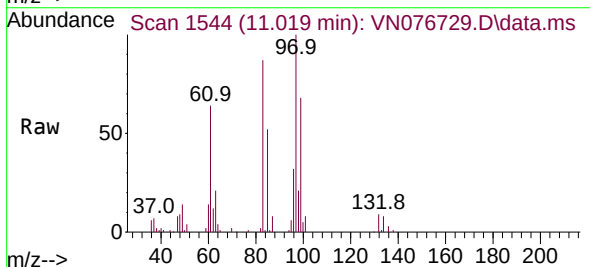
Manual Integrations
 APPROVED

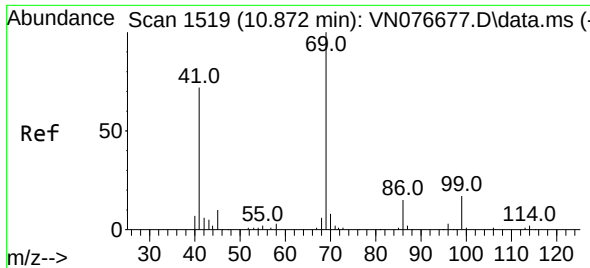
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.753 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN076729.D
 Acq: 17 Feb 2023 12:29

Tgt Ion: 97 Resp: 74547
 Ion Ratio Lower Upper
 97 100
 83 87.0 71.0 106.4
 85 51.7 45.5 68.3
 99 68.0 51.4 77.2





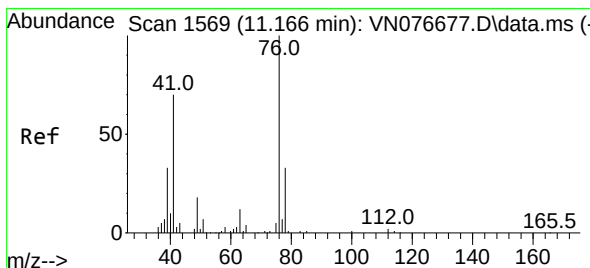
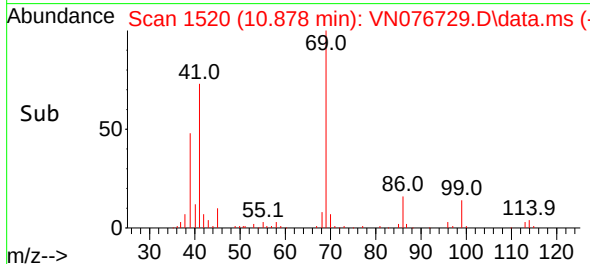
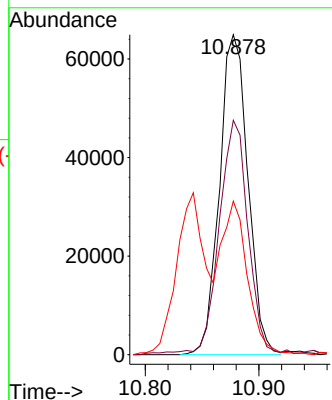
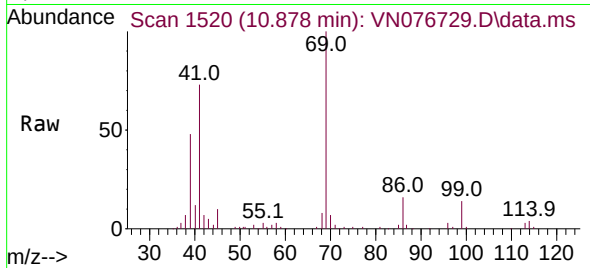
#51
Ethyl methacrylate
Concen: 20.586 ug/l
RT: 10.878 min Scan# 11279
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 11279
Ion Ratio Lower Upper
69 100
41 72.6 36.3 108.7
39 47.2 19.9 59.7

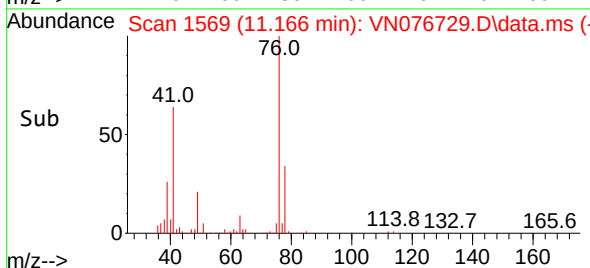
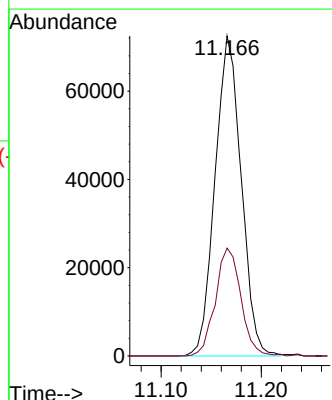
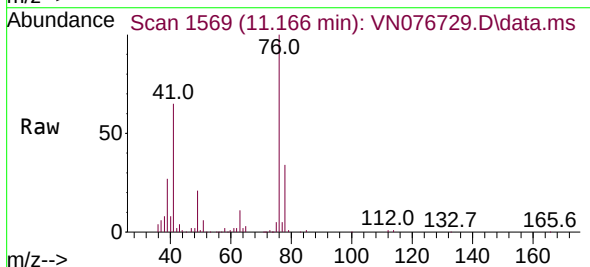
Manual Integrations
APPROVED

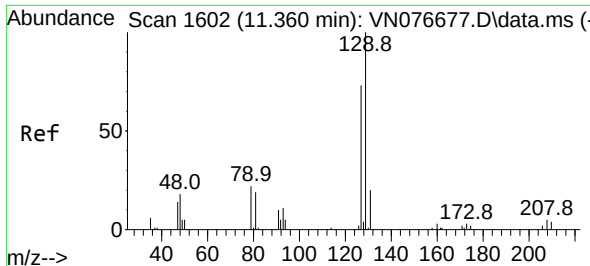
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#52
1,3-Dichloropropane
Concen: 20.237 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 76 Resp: 131301
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





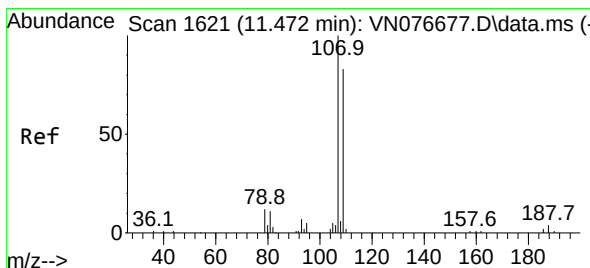
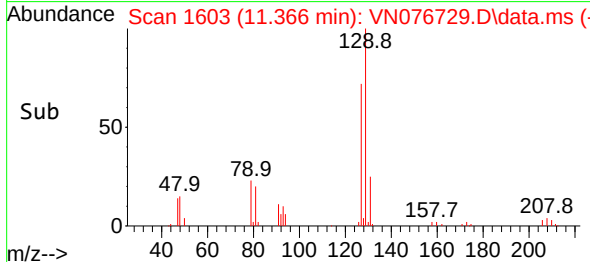
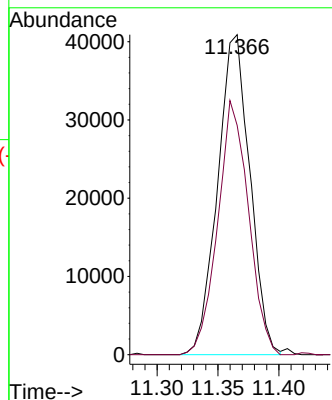
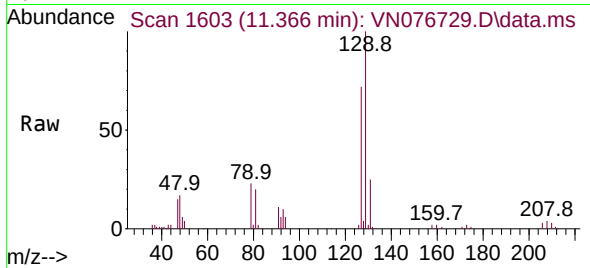
#53
Dibromochloromethane
Concen: 19.491 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 7555
Ion Ratio Lower Upper
129 100
127 75.7 39.4 118.1

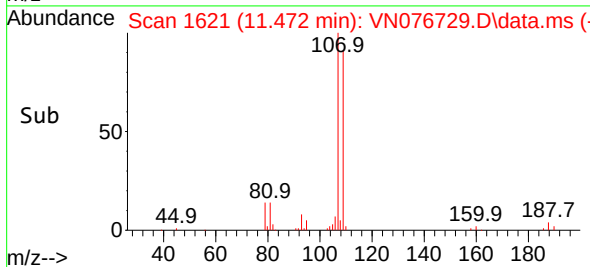
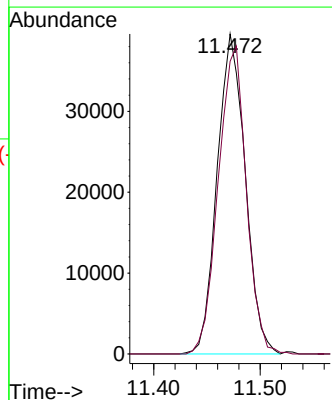
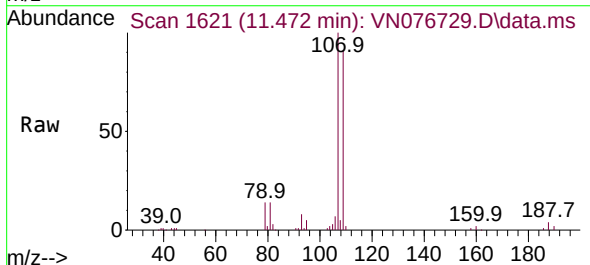
Manual Integrations
APPROVED

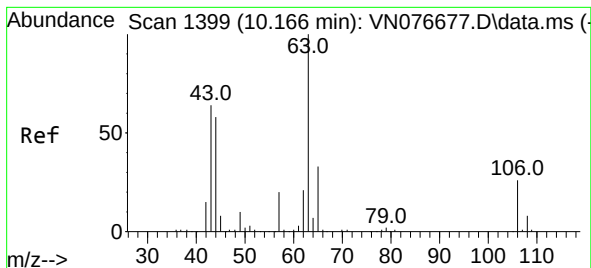
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#54
1,2-Dibromoethane
Concen: 19.713 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:107 Resp: 72423
Ion Ratio Lower Upper
107 100
109 95.9 74.6 112.0





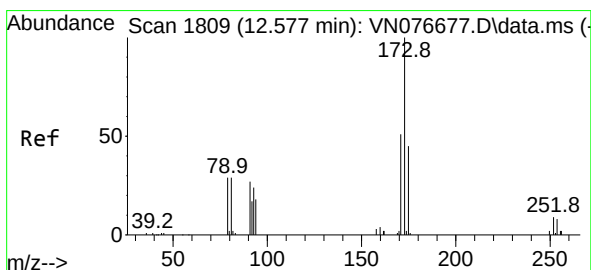
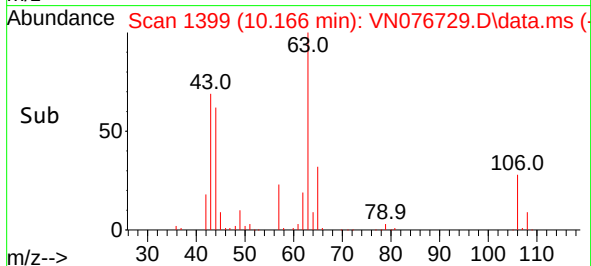
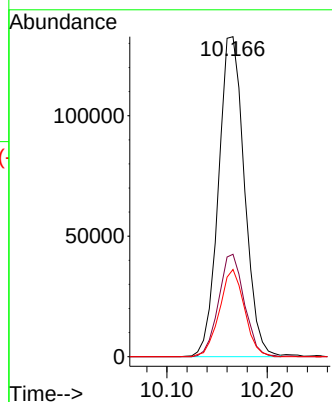
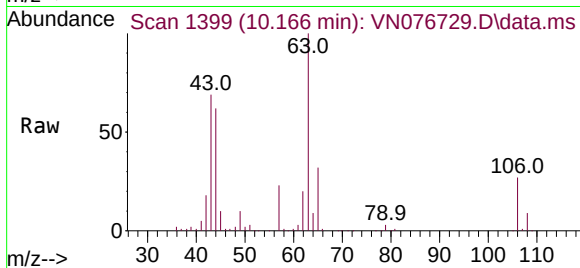
#55
2-Chloroethyl vinyl ether
Concen: 98.124 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 23834
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5
106 26.2 21.6 32.4

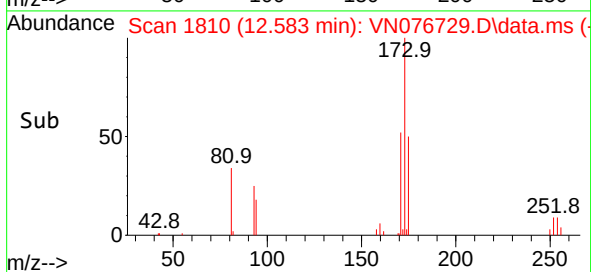
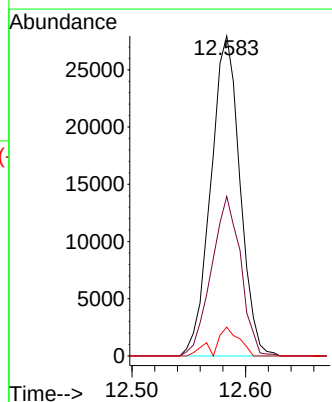
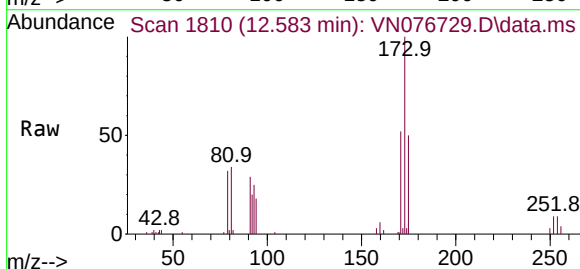
Manual Integrations
APPROVED

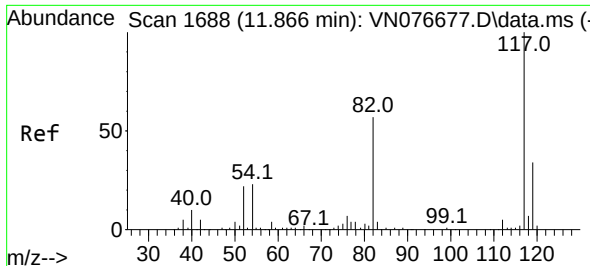
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#56
Bromoform
Concen: 18.658 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:173 Resp: 49813
Ion Ratio Lower Upper
173 100
175 50.0 37.8 56.6
254 6.0 7.3 10.9#





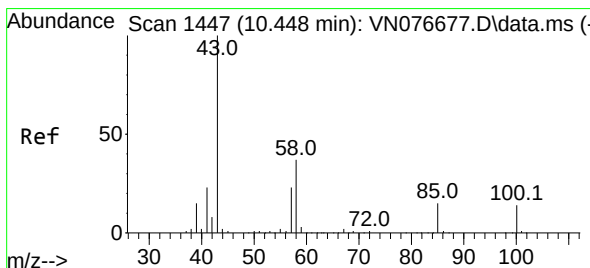
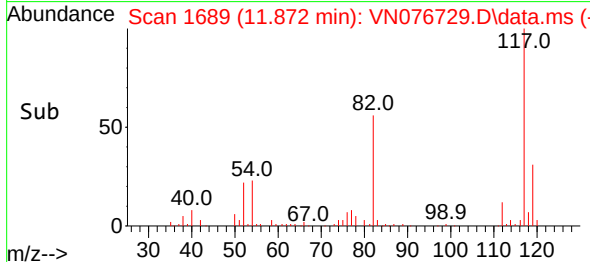
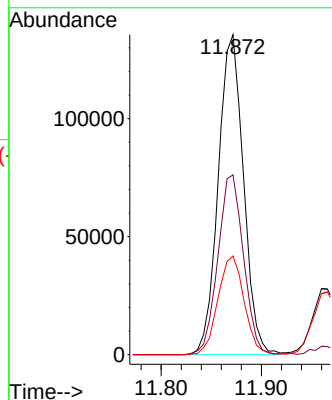
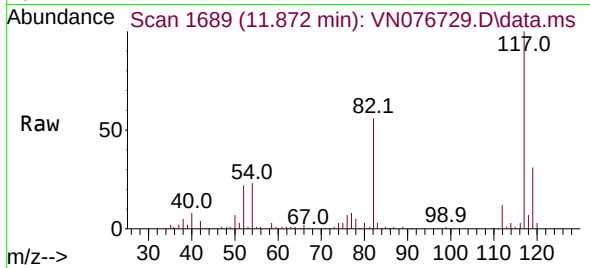
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 23698
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 32.0 26.8 40.2

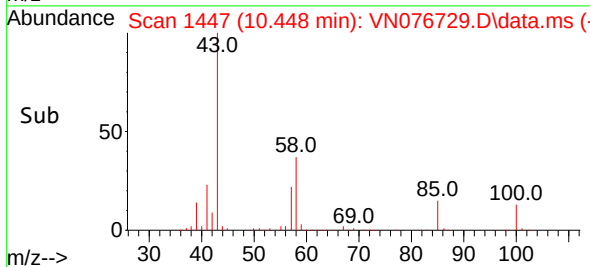
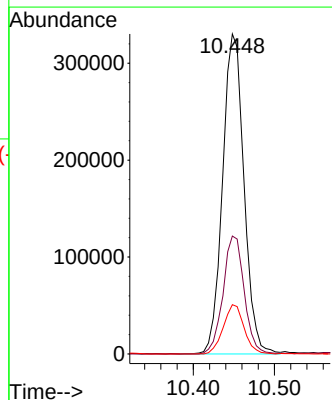
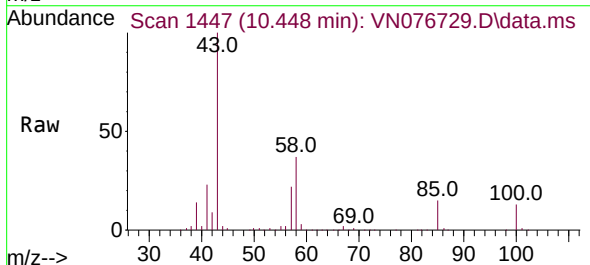
Manual Integrations
APPROVED

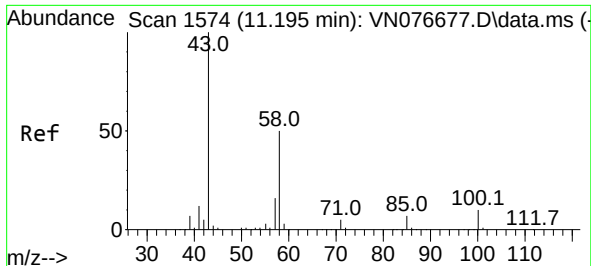
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#58
4-Methyl-2-Pentanone
Concen: 107.282 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 43 Resp: 604675
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8
85 15.0 11.8 17.8





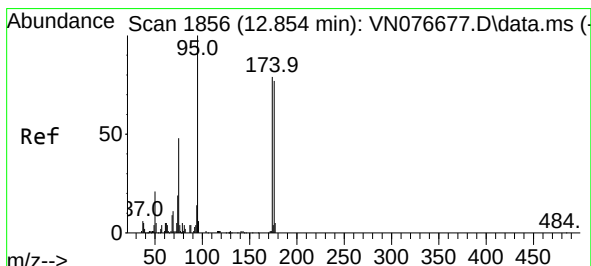
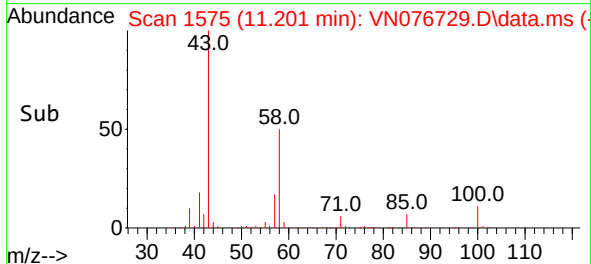
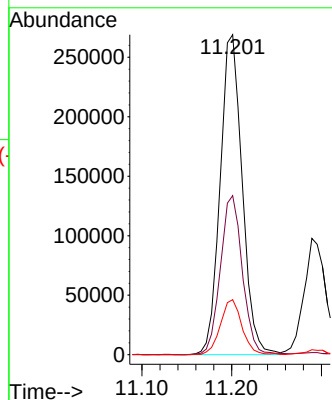
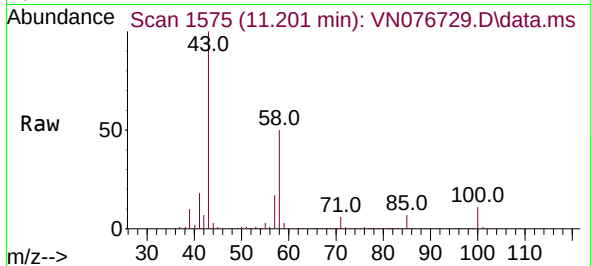
#59
2-Hexanone
Concen: 109.546 ug/l
RT: 11.201 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 45926
Ion Ratio Lower Upper
43 100
58 49.7 40.6 60.8
57 16.7 13.1 19.7

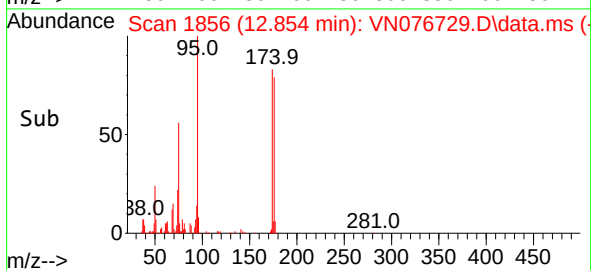
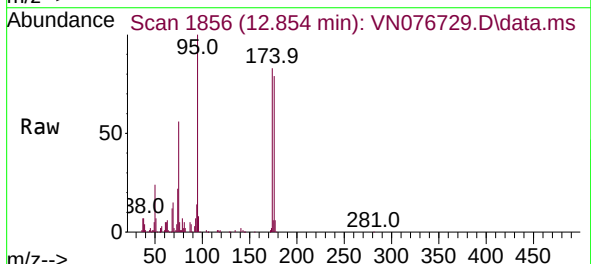
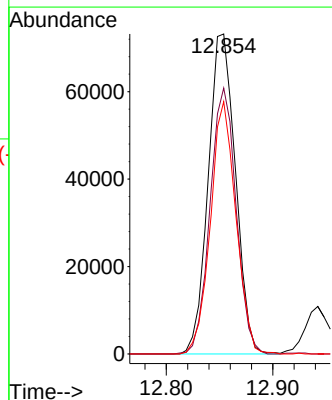
Manual Integrations
APPROVED

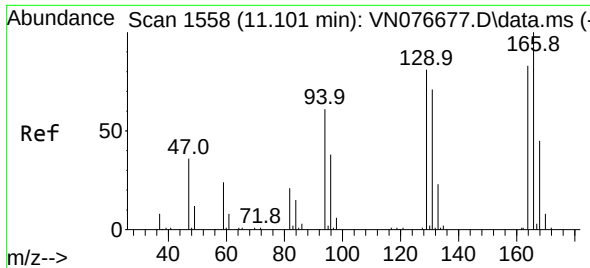
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#60
4-Bromofluorobenzene
Concen: 31.034 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

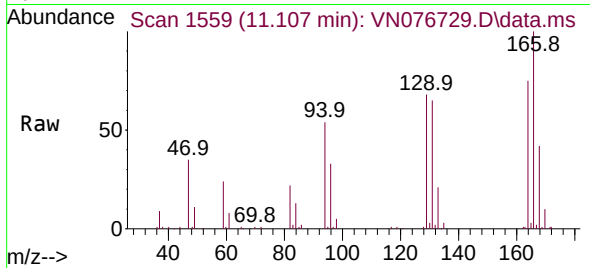
Tgt Ion: 95 Resp: 130086
Ion Ratio Lower Upper
95 100
174 79.4 64.2 96.4
176 73.7 61.4 92.0





#61
Tetrachloroethene
Concen: 19.202 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

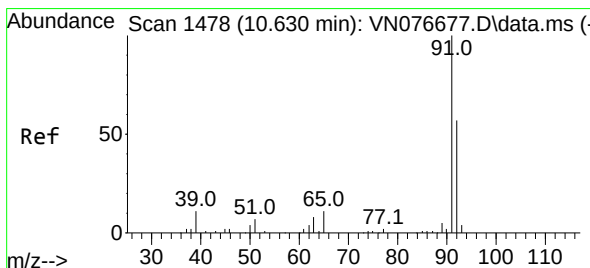
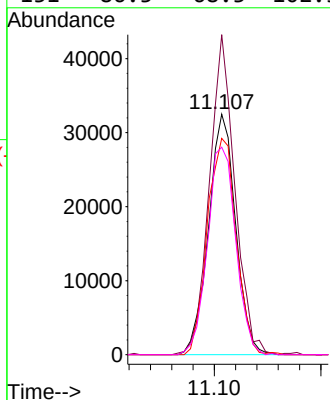
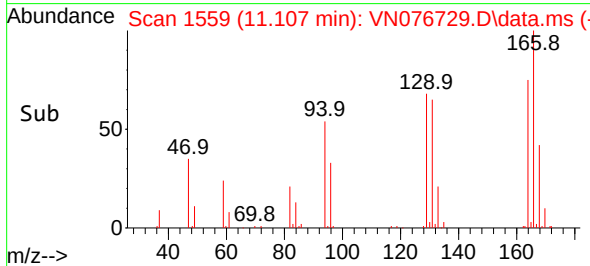
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 57464
Ion Ratio Lower Upper
164 100
166 133.1 96.2 144.2
129 90.0 78.2 117.4
131 86.3 68.3 102.5

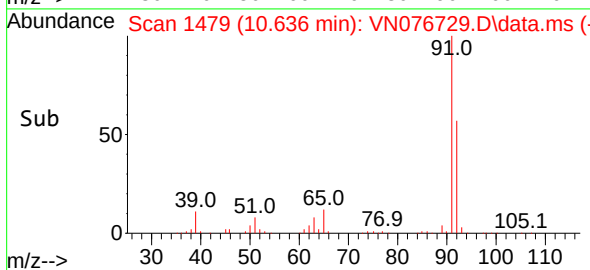
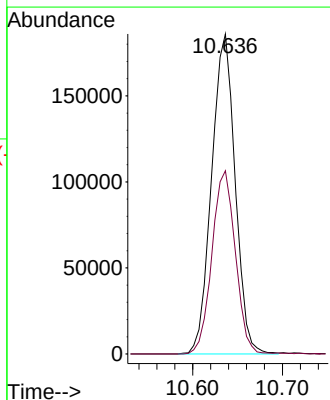
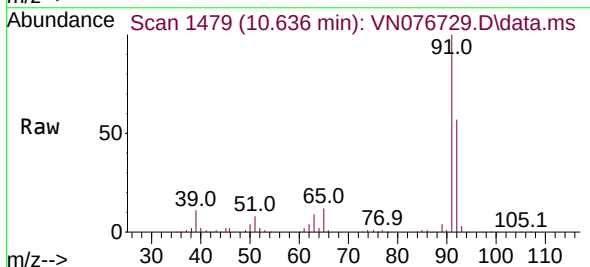
Manual Integrations
APPROVED

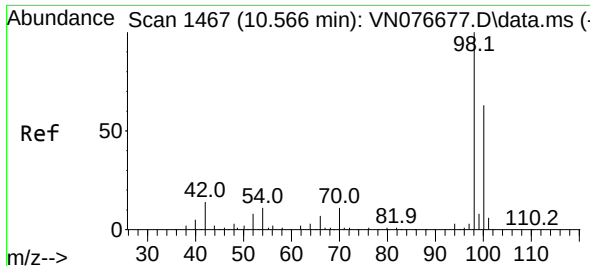
Reviewed By :John Carbone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#62
Toluene
Concen: 20.444 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 91 Resp: 338589
Ion Ratio Lower Upper
91 100
92 56.9 46.3 69.5





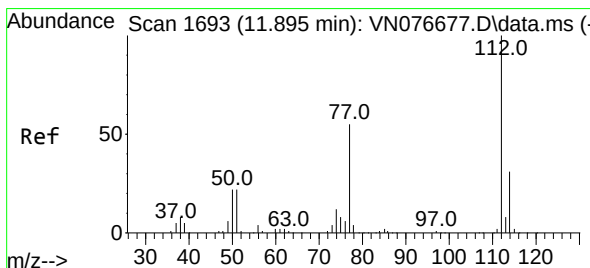
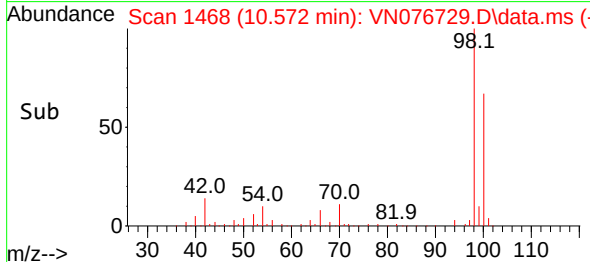
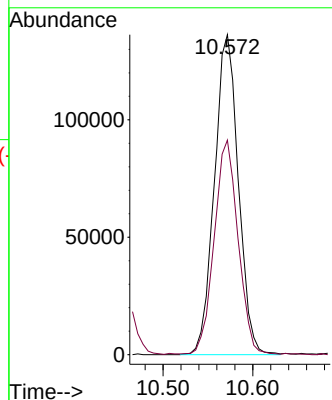
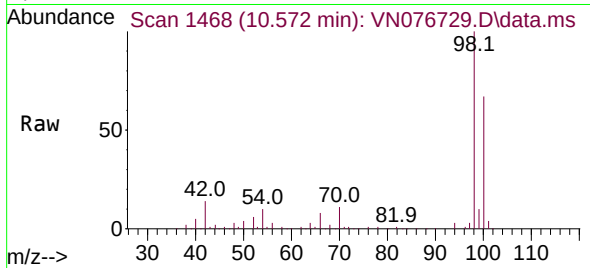
#63
Toluene-d8
Concen: 30.394 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 252289
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.6

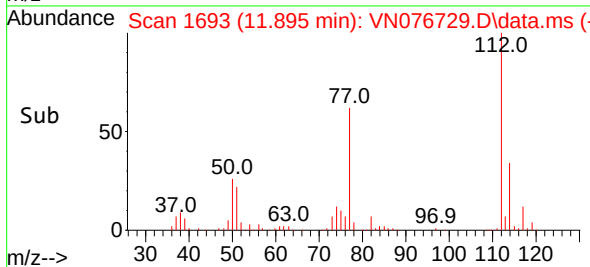
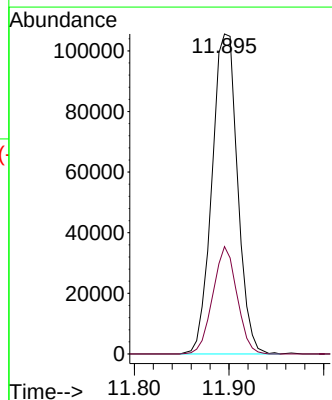
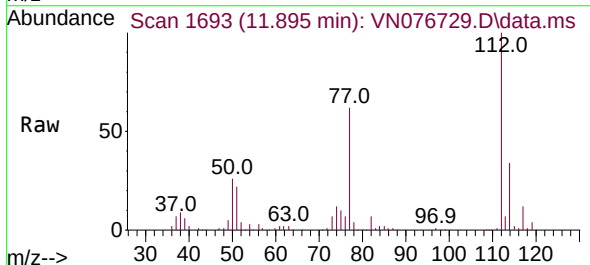
Manual Integrations
APPROVED

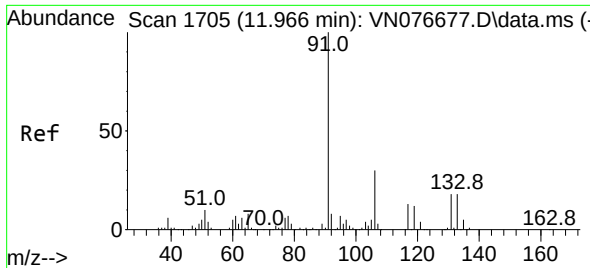
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Chlorobenzene
Concen: 20.100 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

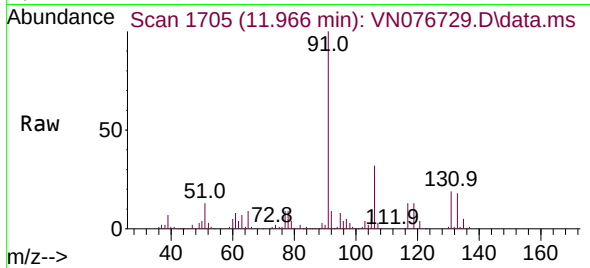
Tgt Ion:112 Resp: 198322
Ion Ratio Lower Upper
112 100
114 33.6 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.721 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

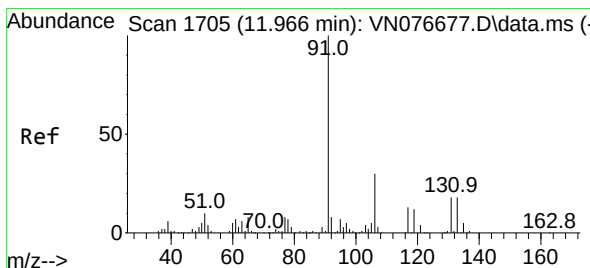
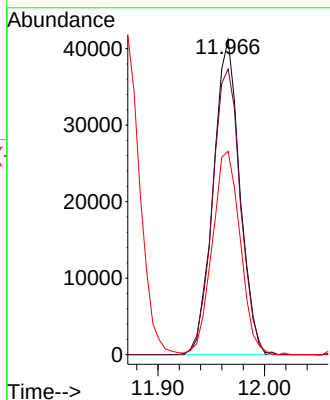
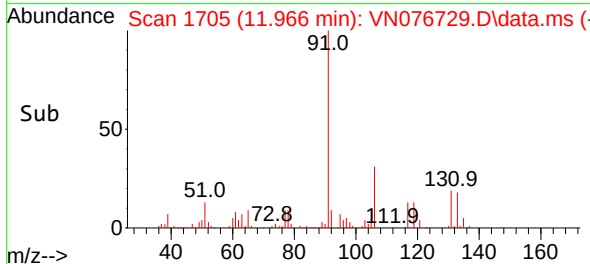
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 7133
Ion Ratio Lower Upper
131 100
133 95.3 0.0 197.6
119 67.8 0.0 127.8

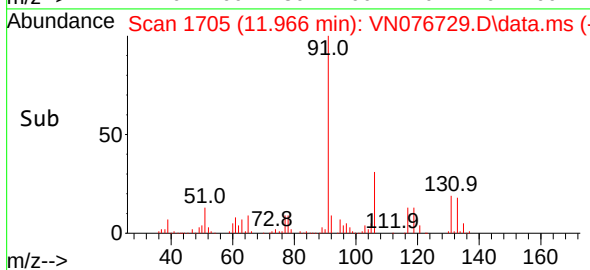
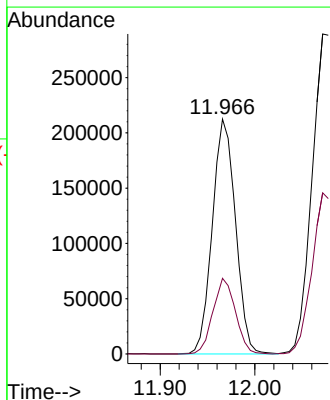
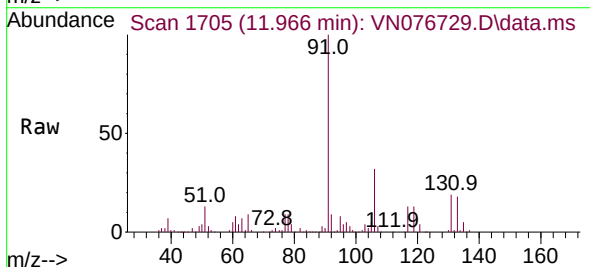
Manual Integrations
APPROVED

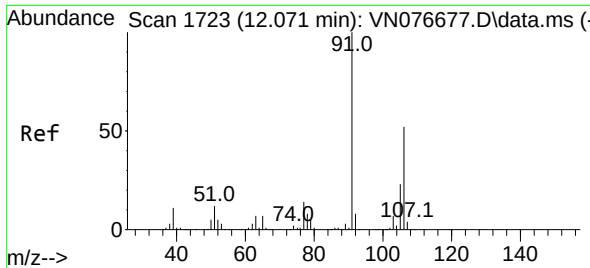
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
Ethyl Benzene
Concen: 20.535 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 91 Resp: 361550
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.8





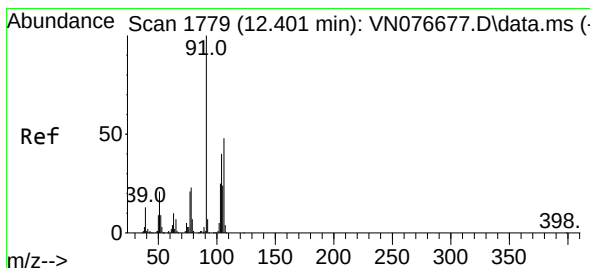
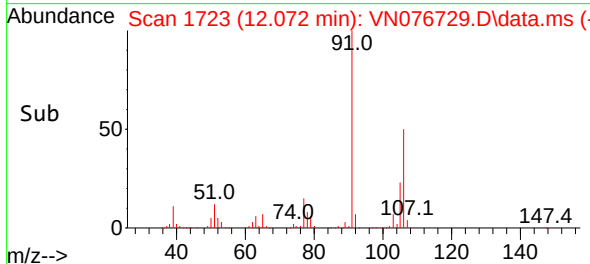
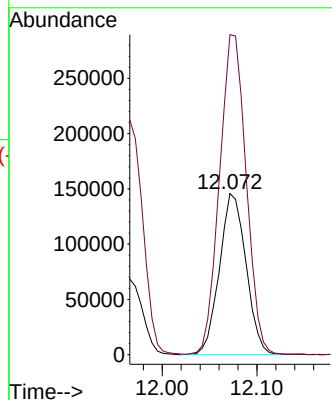
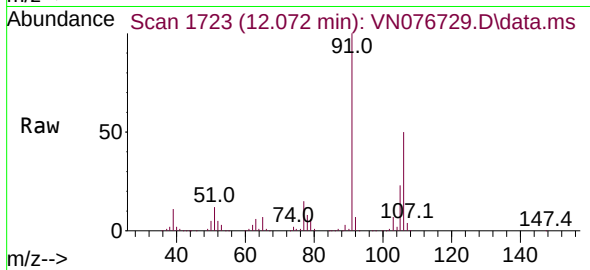
#67
m/p-Xylenes
Concen: 41.276 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 284192
Ion Ratio Lower Upper
106 100
91 199.6 157.4 236.2

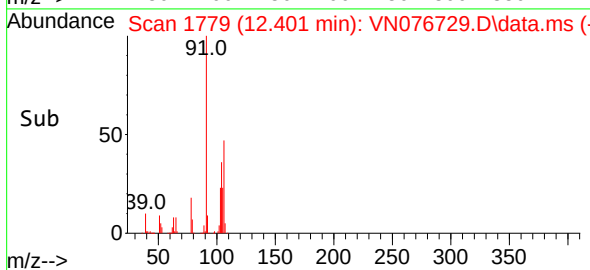
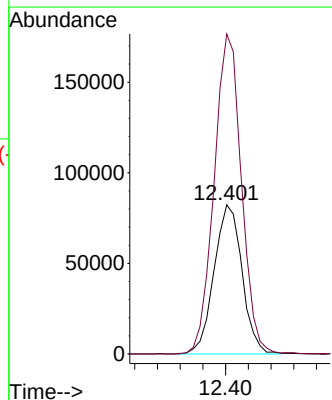
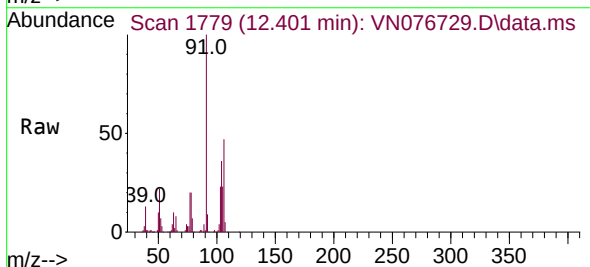
Manual Integrations
APPROVED

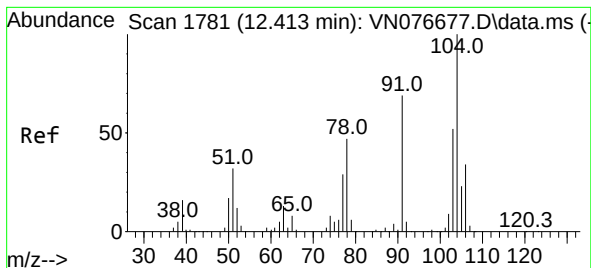
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#68
o-Xylene
Concen: 20.761 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:106 Resp: 140859
Ion Ratio Lower Upper
106 100
91 209.2 107.2 321.6





#69

Styrene

Concen: 20.976 ug/l

RT: 12.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

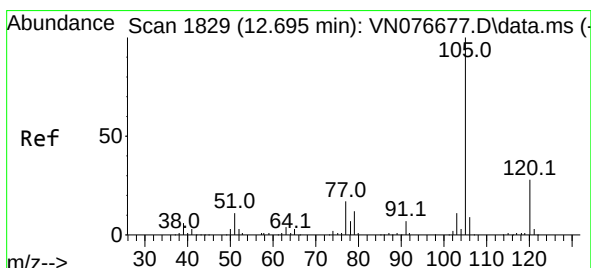
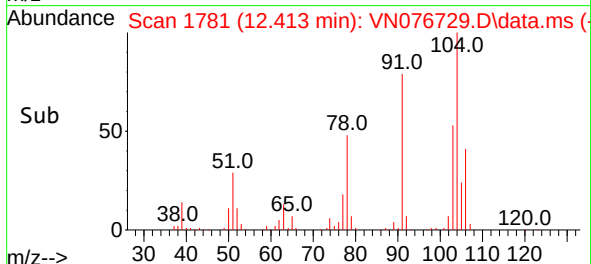
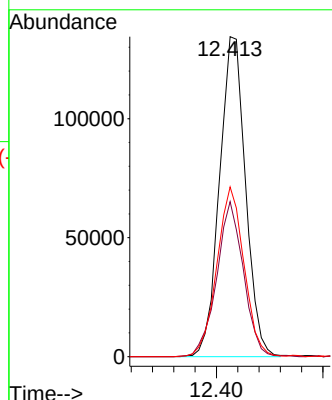
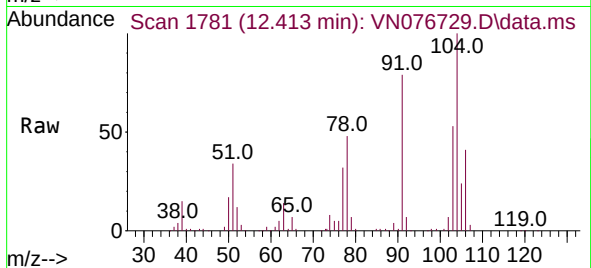
Tgt Ion:104 Resp: 228488
 Ion Ratio Lower Upper
 104 100
 78 49.5 39.6 59.4
 103 55.2 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#70

Isopropylbenzene

Concen: 20.537 ug/l

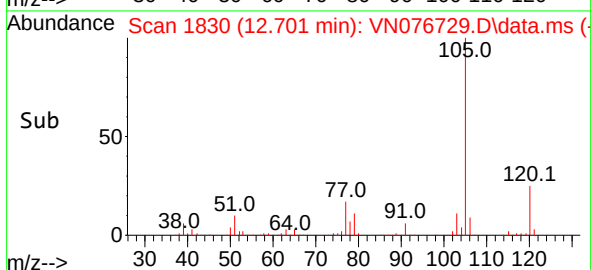
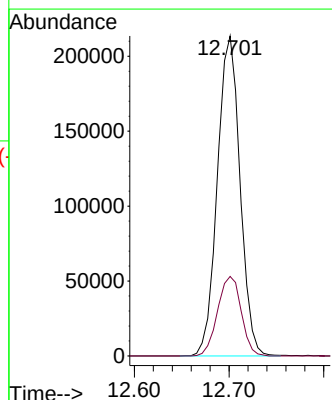
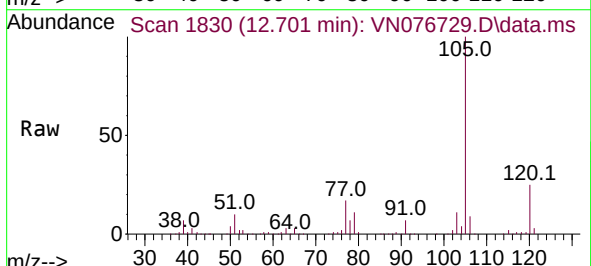
RT: 12.701 min Scan# 1830

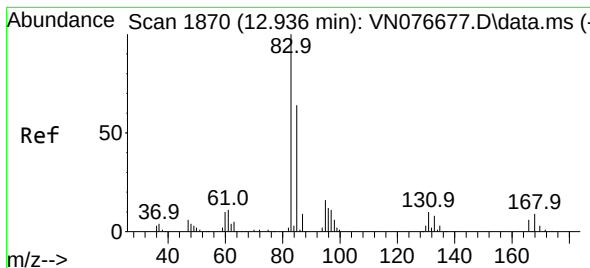
Delta R.T. 0.006 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Tgt Ion:105 Resp: 355481
 Ion Ratio Lower Upper
 105 100
 120 25.8 19.0 35.2





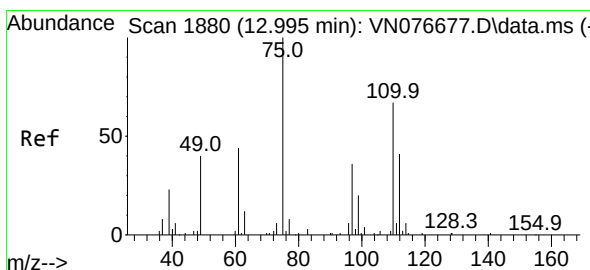
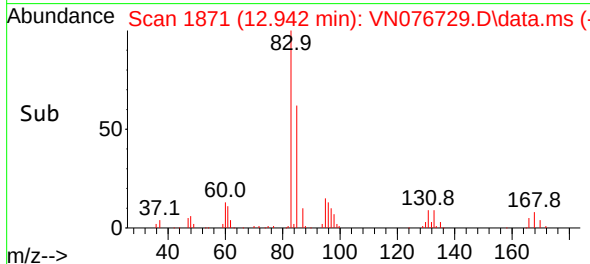
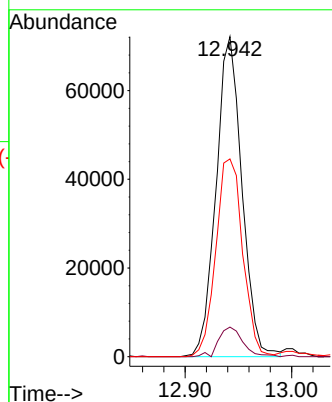
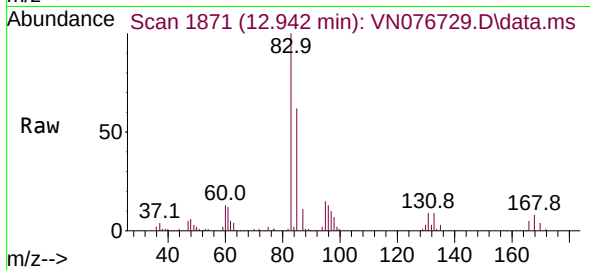
#71
1,1,2,2-Tetrachloroethane
Concen: 21.494 ug/l
RT: 12.942 min Scan# 1870
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 121720
Ion Ratio Lower Upper
83 100
131 8.3 5.0 14.9
85 64.1 32.3 96.9

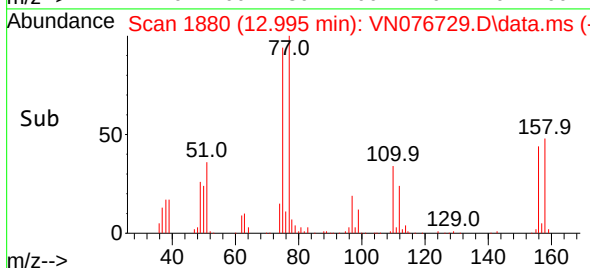
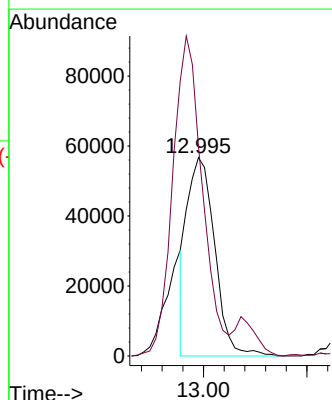
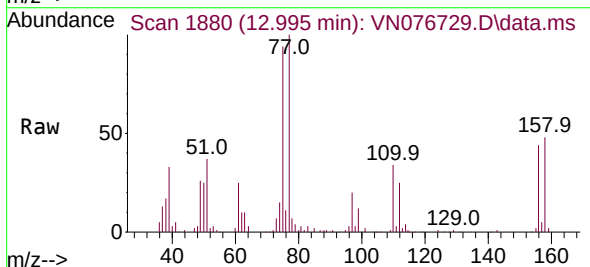
Manual Integrations
APPROVED

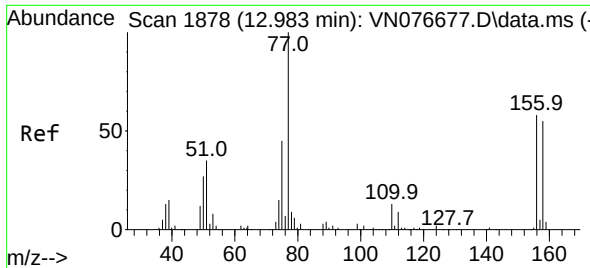
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#72
1,2,3-Trichloropropane
Concen: 21.101 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 75 Resp: 105262
Ion Ratio Lower Upper
75 100
77 172.8 0.0 332.6





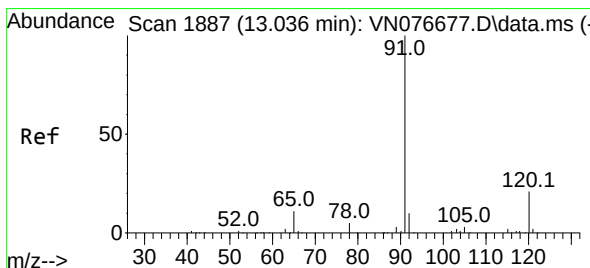
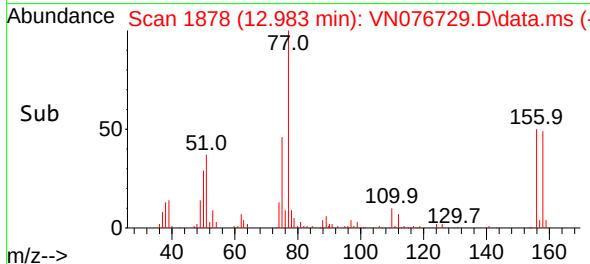
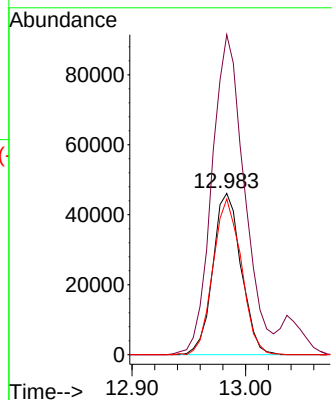
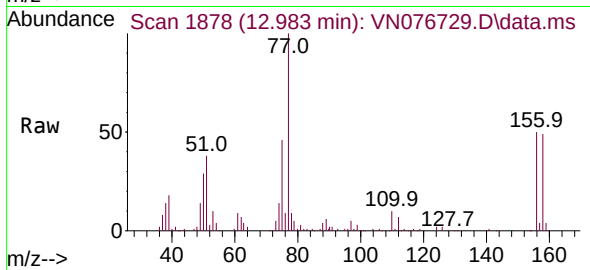
#73
Bromobenzene
Concen: 19.889 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 79880
Ion Ratio Lower Upper
156 100
77 227.7 0.0 423.0
158 96.7 0.0 188.6

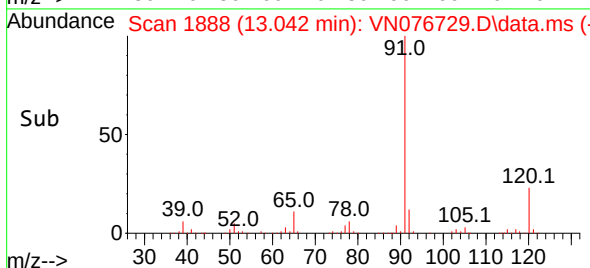
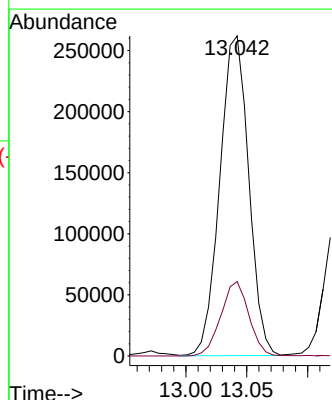
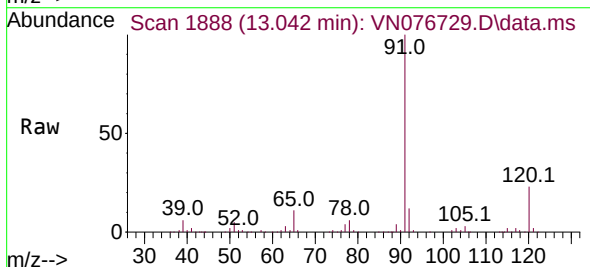
Manual Integrations
APPROVED

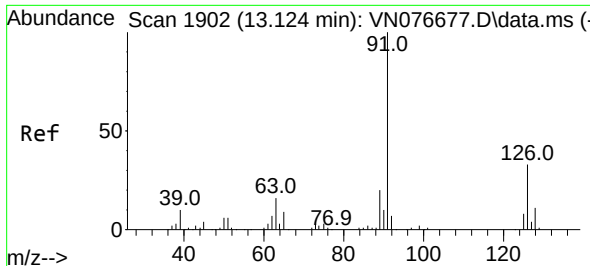
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#74
n-propylbenzene
Concen: 20.987 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion: 91 Resp: 432673
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.0





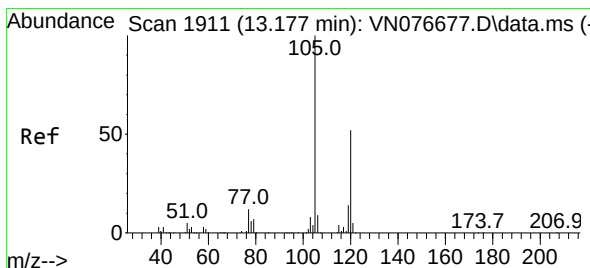
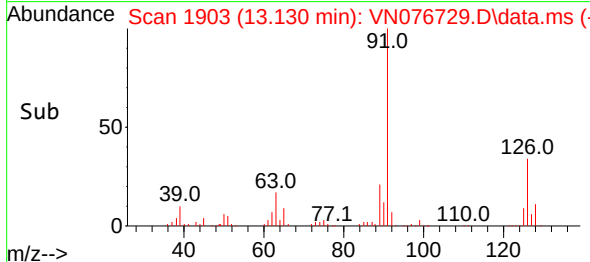
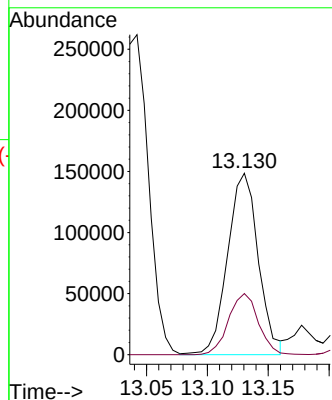
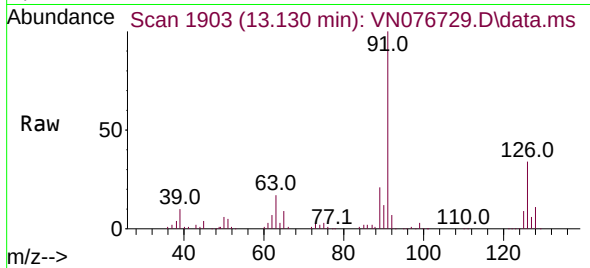
#75
2-Chlorotoluene
Concen: 21.225 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 26038
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.4

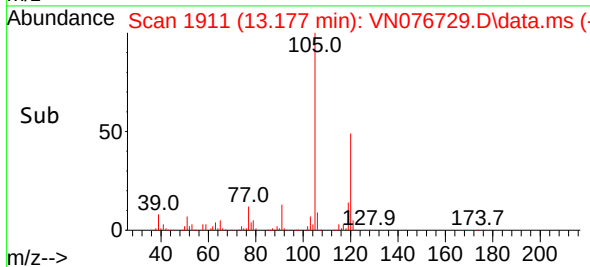
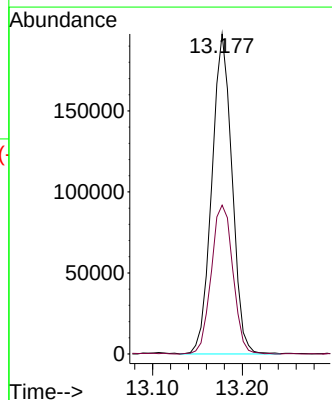
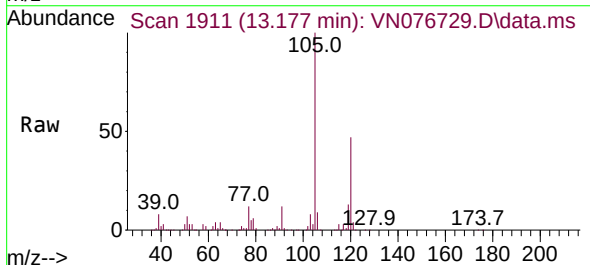
Manual Integrations
APPROVED

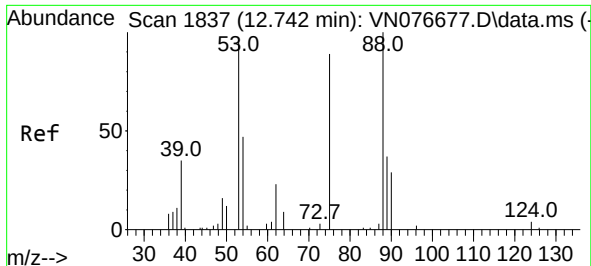
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.379 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

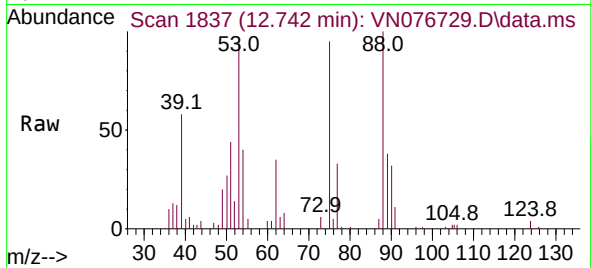
Tgt Ion:105 Resp: 308634
Ion Ratio Lower Upper
105 100
120 49.8 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.040 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

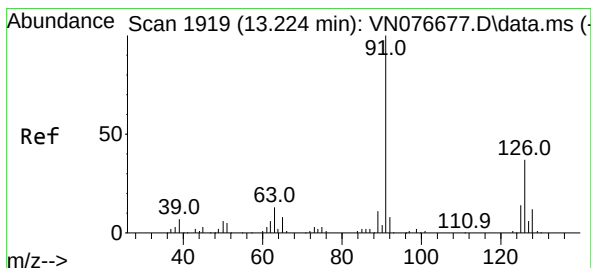
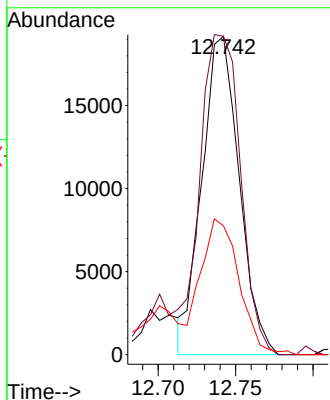
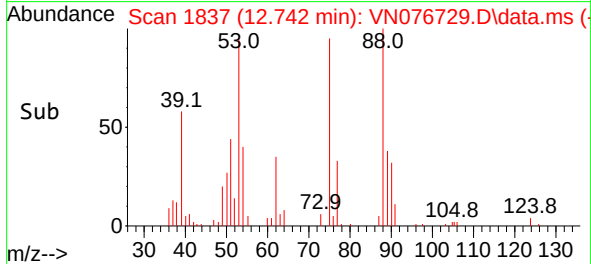
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



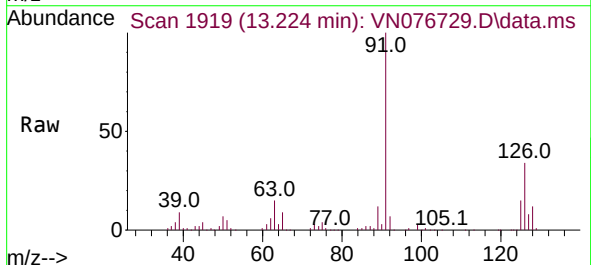
Tgt Ion: 75 Resp: 32119
Ion Ratio Lower Upper
75 100
53 100.0 50.4 151.3
89 39.5 22.1 66.5

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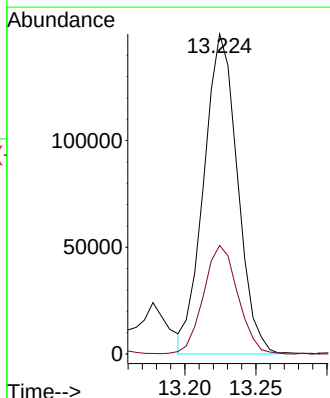
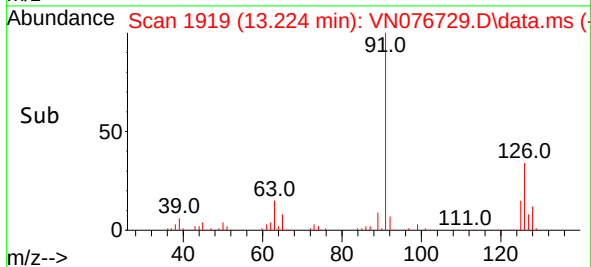
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

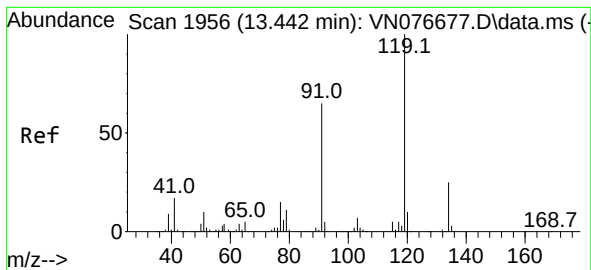


#78
4-Chlorotoluene
Concen: 21.042 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



Tgt Ion: 91 Resp: 247463
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





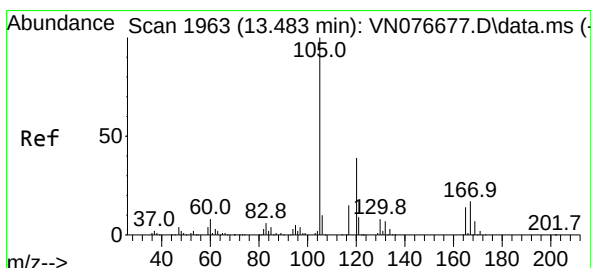
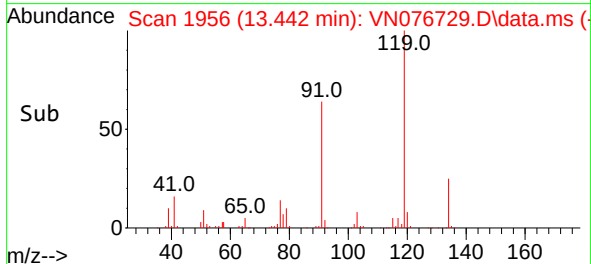
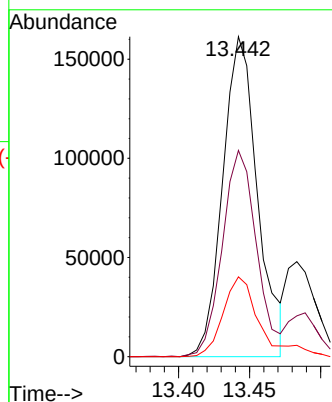
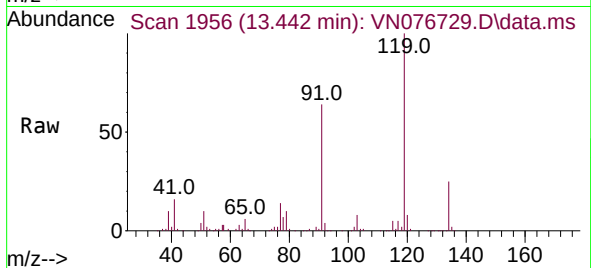
#79
tert-butylbenzene
Concen: 21.519 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 275048
Ion Ratio Lower Upper
119 100
91 63.5 0.0 129.6
134 23.9 0.0 47.8

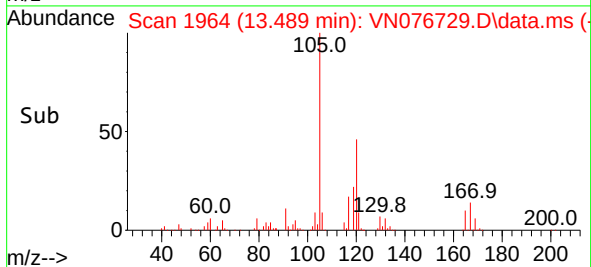
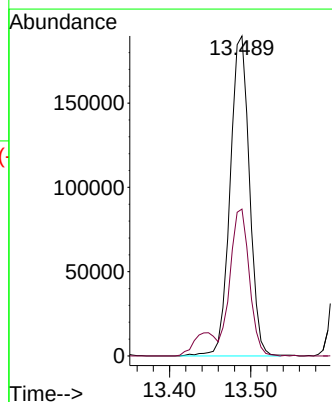
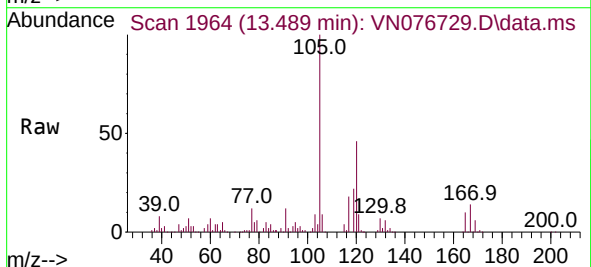
Manual Integrations
APPROVED

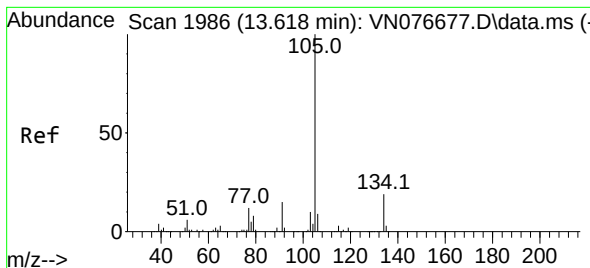
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.868 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:105 Resp: 313469
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.2





#81

sec-Butylbenzene

Concen: 21.365 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:105 Resp: 392164

Ion Ratio Lower Upper

105 100

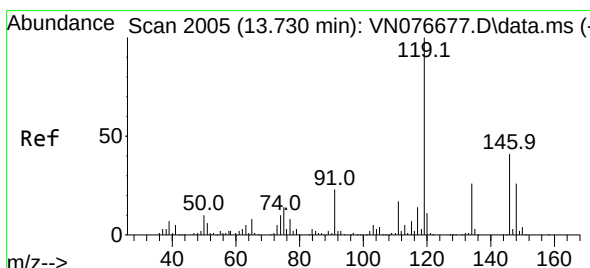
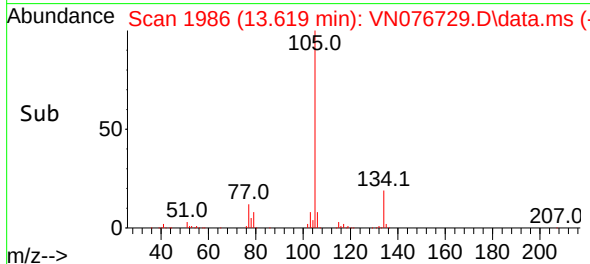
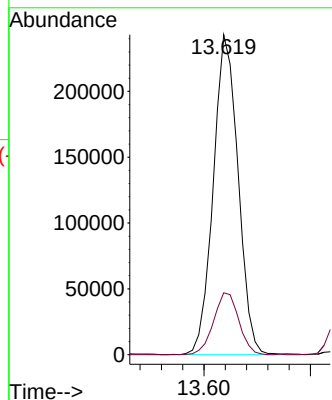
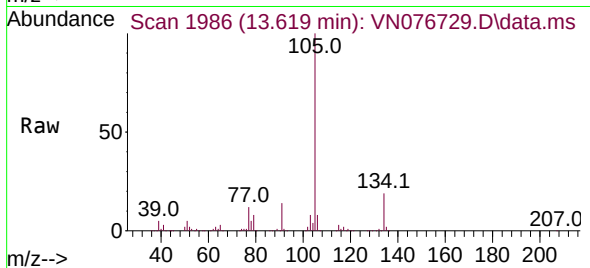
134 19.7 0.0 39.4

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#82

p-Isopropyltoluene

Concen: 21.293 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

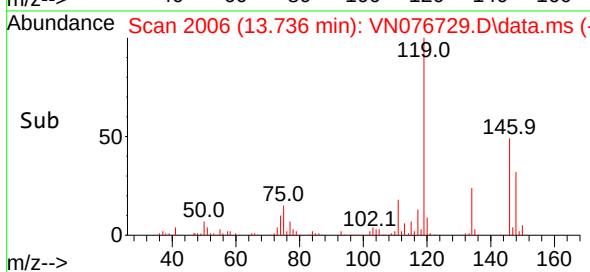
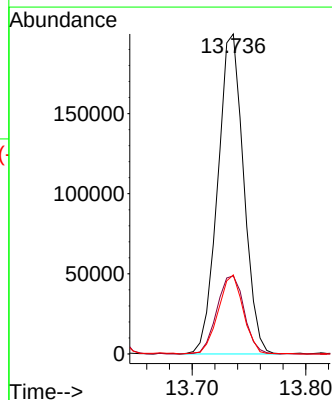
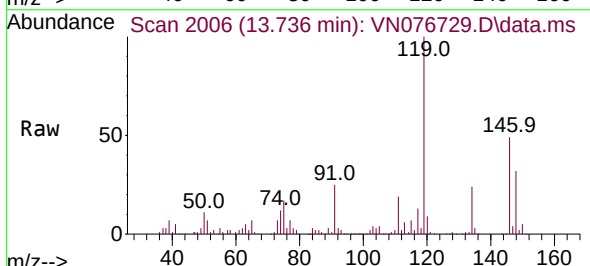
Tgt Ion:119 Resp: 316866

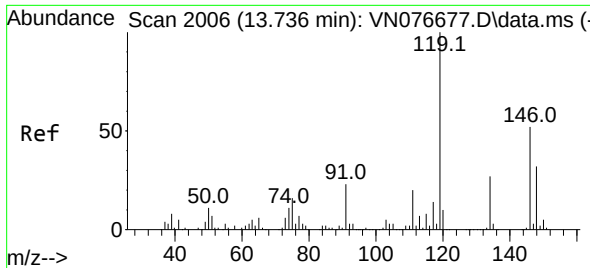
Ion Ratio Lower Upper

119 100

134 25.6 0.0 53.4

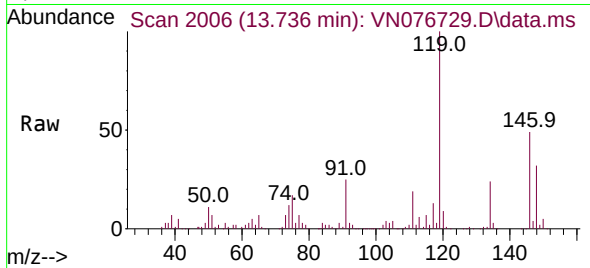
91 23.5 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

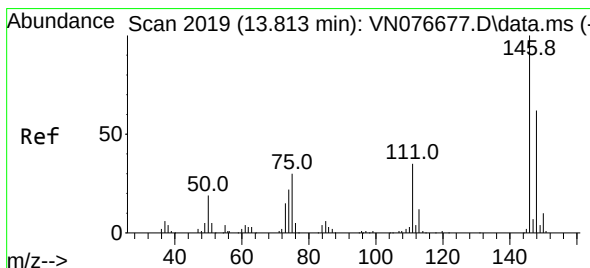
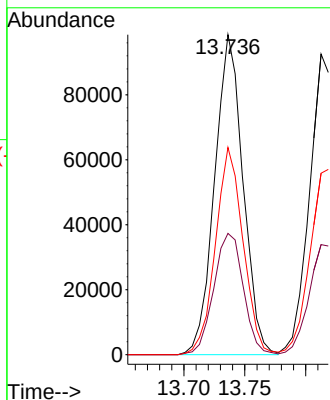
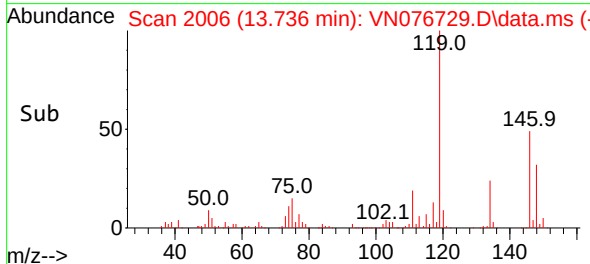
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



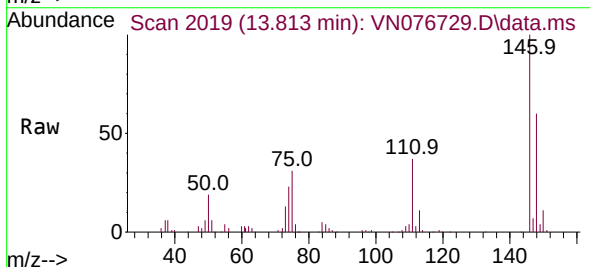
Tgt Ion:146 Resp: 15980
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 63.1 31.9 95.5

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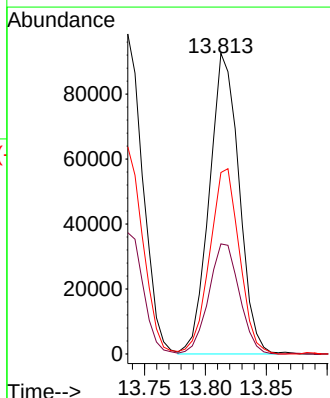
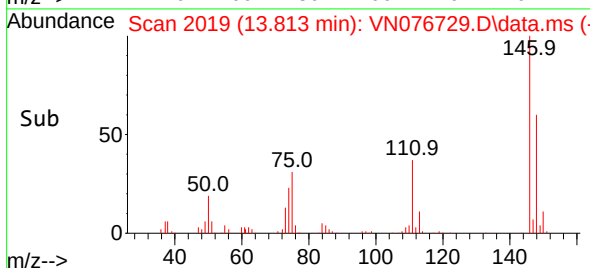
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

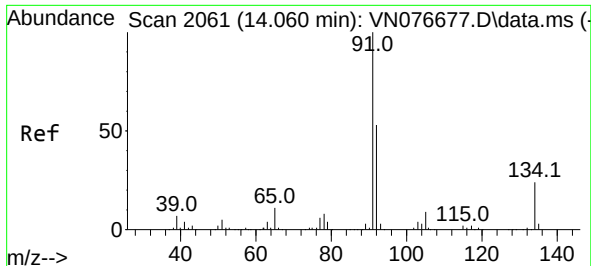


#84
1,4-Dichlorobenzene
Concen: 21.017 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



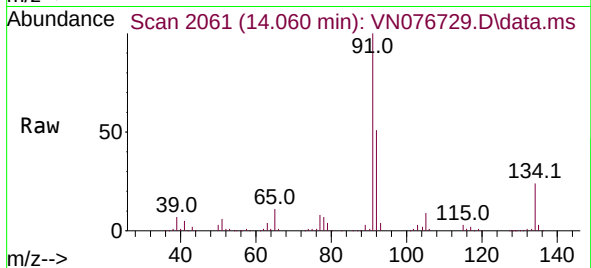
Tgt Ion:146 Resp: 157322
Ion Ratio Lower Upper
146 100
111 37.7 18.2 54.6
148 61.6 31.1 93.2





#85
n-Butylbenzene
Concen: 21.018 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

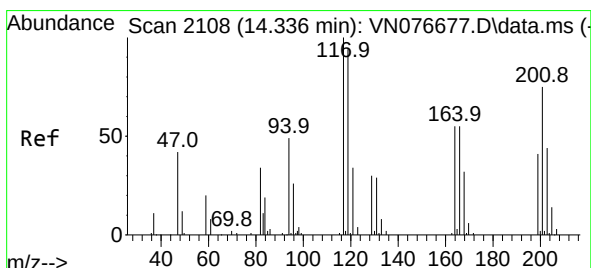
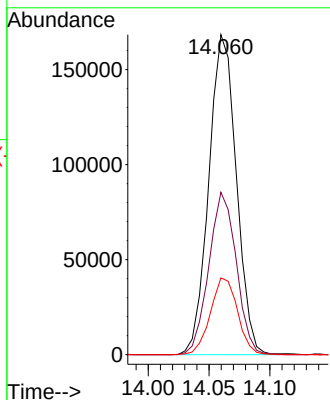
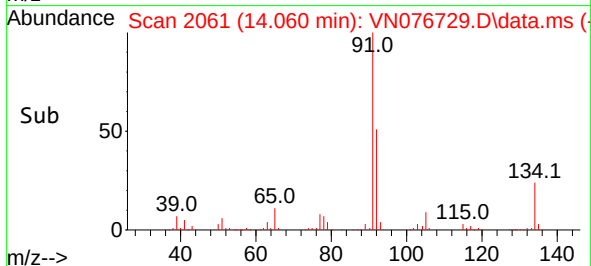
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 265090
Ion Ratio Lower Upper
91 100
92 50.7 0.0 103.2
134 23.7 0.0 50.0

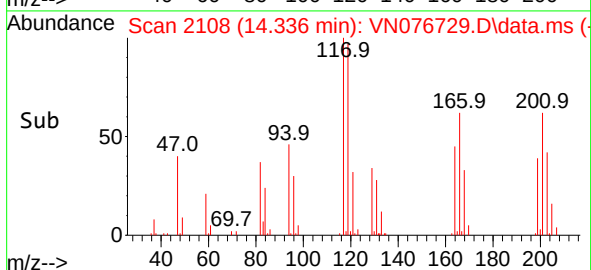
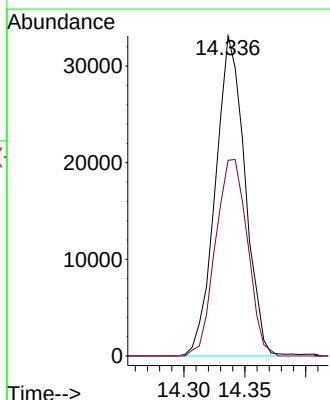
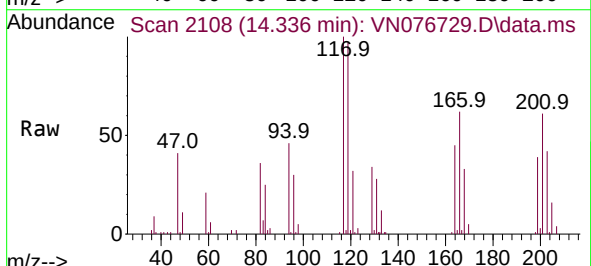
Manual Integrations
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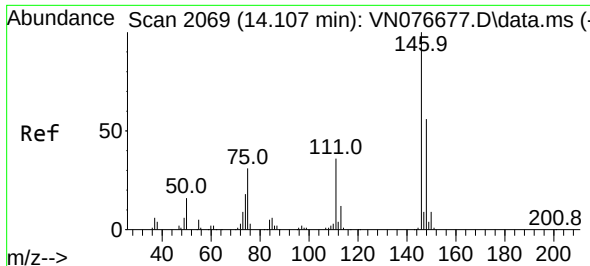
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#86
Hexachloroethane
Concen: 19.407 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:117 Resp: 55909
Ion Ratio Lower Upper
117 100
201 66.5 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 20.636 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

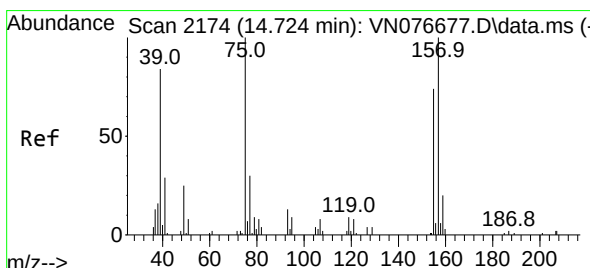
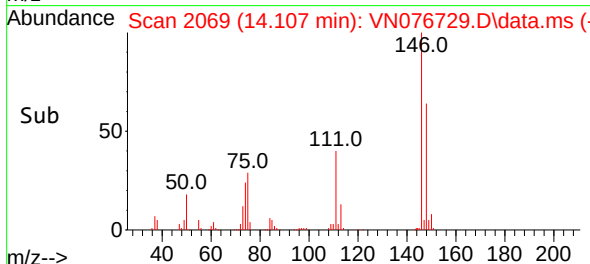
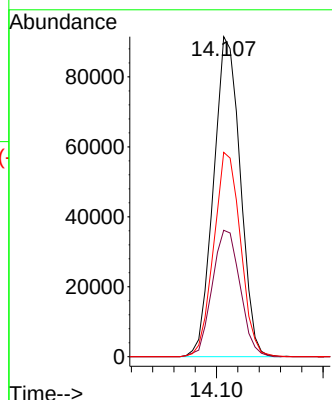
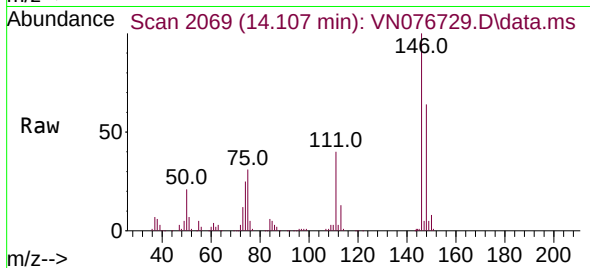
Tgt Ion:146 Resp: 15924
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 64.1 32.5 97.5

Manual Integrations

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Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.441 ug/l

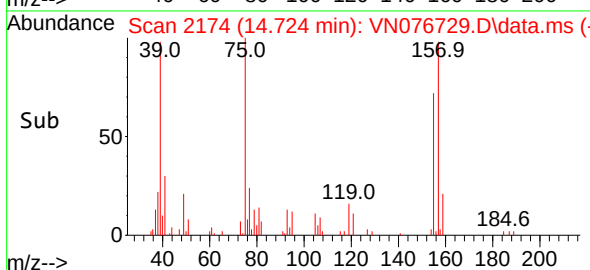
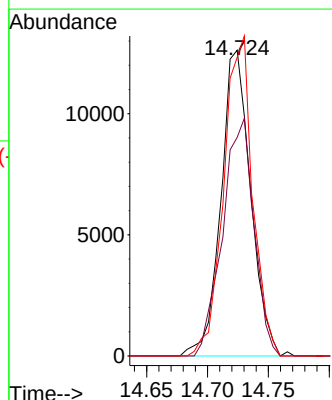
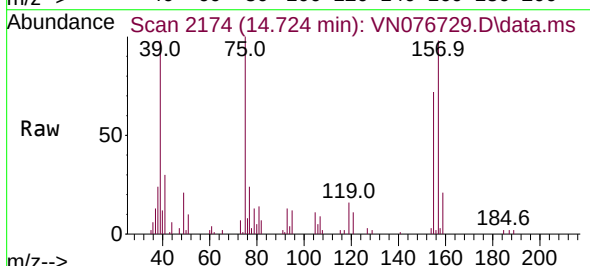
RT: 14.724 min Scan# 2174

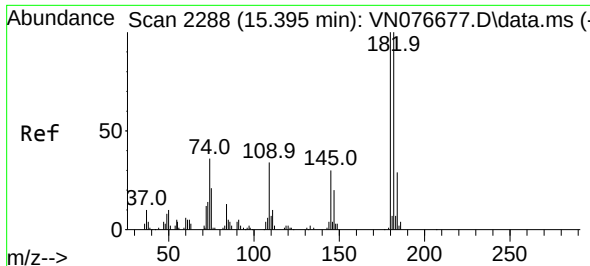
Delta R.T. 0.000 min

Lab File: VN076729.D

Acq: 17 Feb 2023 12:29

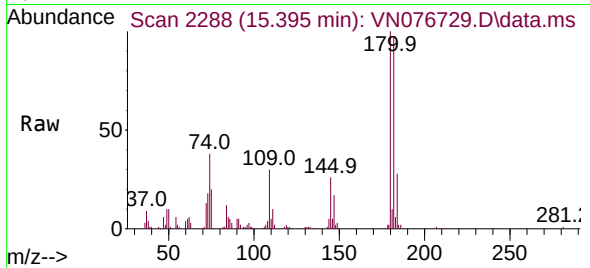
Tgt Ion: 75 Resp: 21458
 Ion Ratio Lower Upper
 75 100
 155 81.7 62.5 93.7
 157 101.9 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 19.250 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

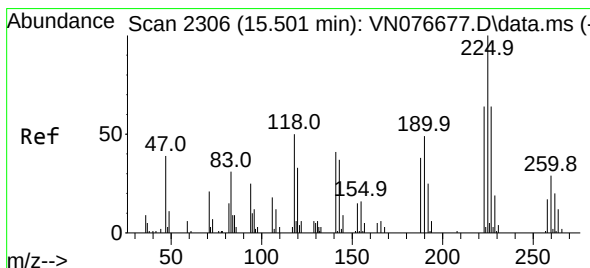
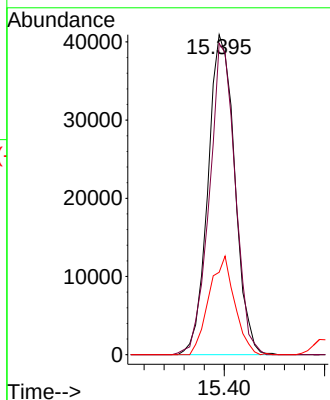
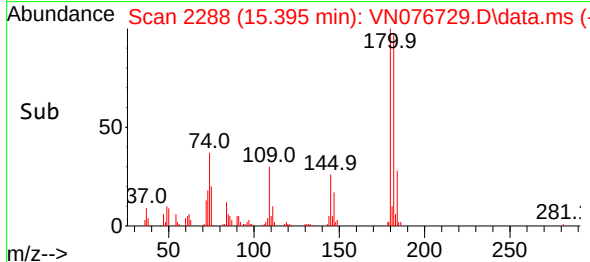
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



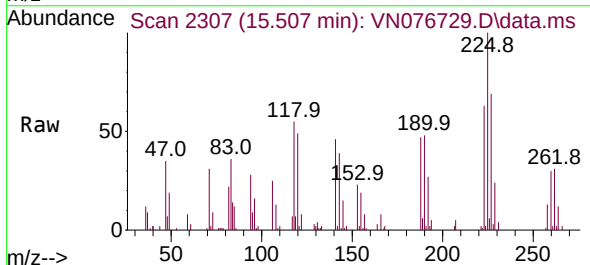
Tgt Ion:180 Resp: 75780
Ion Ratio Lower Upper
180 100
182 93.6 76.6 115.0
145 29.4 24.6 36.8

Manual Integrations
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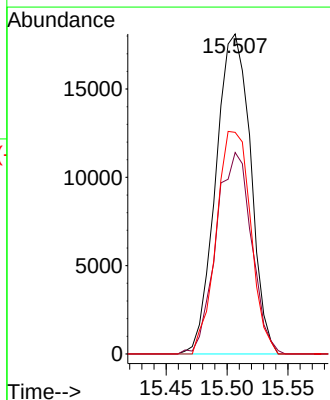
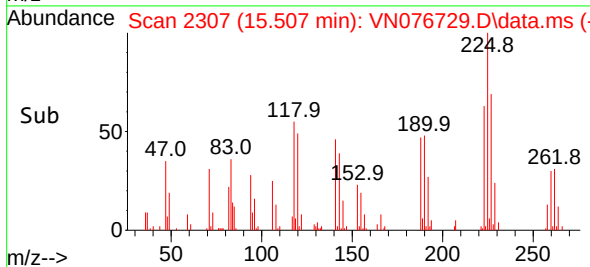
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

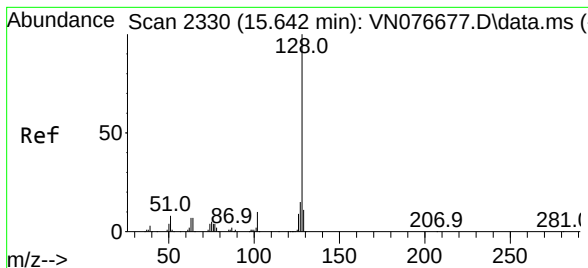


#90
Hexachlorobutadiene
Concen: 19.014 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29



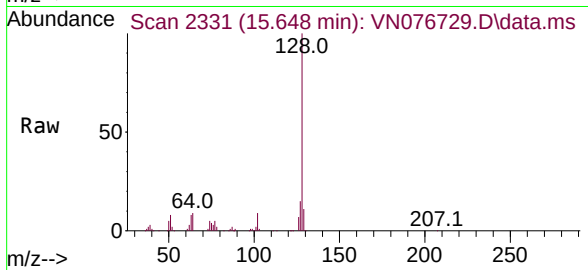
Tgt Ion:225 Resp: 36059
Ion Ratio Lower Upper
225 100
223 64.1 0.0 135.4
227 68.7 0.0 129.4





#91
Naphthalene
Concen: 19.206 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

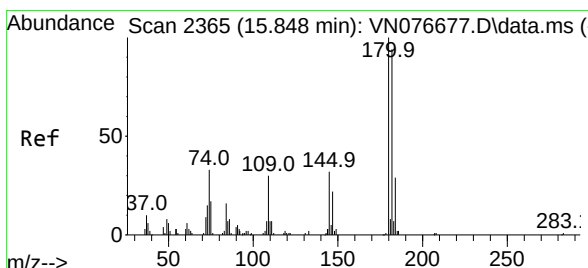
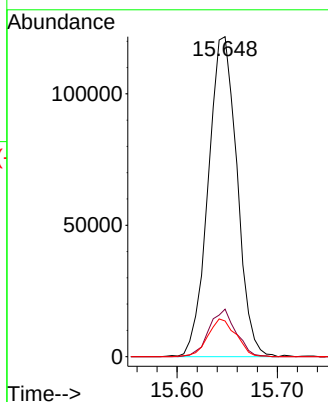
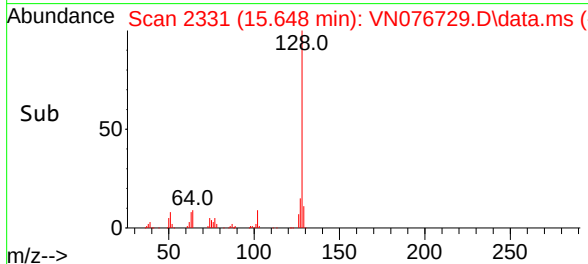
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 243104
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.6
129 11.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.340 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076729.D
Acq: 17 Feb 2023 12:29

Tgt Ion:180 Resp: 77275
Ion Ratio Lower Upper
180 100
182 92.0 0.0 190.8
145 32.3 0.0 65.0

