

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076685.D
 Acq On : 15 Feb 2023 14:40
 Operator : JC\MD
 Sample : VN0215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 04:31:17 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	33355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	242896	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	271572	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	95754	31.388	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.633%			
60) 4-Bromofluorobenzene	12.854	95	147237	30.652	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.167%			
63) Toluene-d8	10.572	98	279487	29.382	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	75792	21.472	ug/l	98
3) Chloromethane	2.378	50	90577	20.898	ug/l	96
4) Vinyl Chloride	2.525	62	99603	21.531	ug/l	98
5) Bromomethane	2.966	94	66316	20.763	ug/l	98
6) Chloroethane	3.137	64	67287	22.429	ug/l	92
7) Trichlorofluoromethane	3.513	101	119490	20.720	ug/l	96
8) Diethyl Ether	3.978	74	53153	23.230	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	74944	21.383	ug/l	87
10) 1,1-Dichloroethene	4.354	96	68781	20.895	ug/l	97
11) Methyl Iodide	4.607	142	85597	20.838	ug/l	93
12) Methyl Acetate	5.043	43	157815	23.386	ug/l #	87
13) Acrolein	4.201	56	83440	104.106	ug/l	100
14) Acrylonitrile	5.725	53	238855	115.331	ug/l	100
15) Acetone	4.443	58	64649	96.414	ug/l	99
16) Carbon Disulfide	4.725	76	187140	20.268	ug/l	97
17) Allyl chloride	5.037	41	128156	21.751	ug/l	94
18) Methylene Chloride	5.290	84	85401	20.554	ug/l	97
19) trans-1,2-Dichloroethene	5.807	96	76587m	20.746	ug/l	
20) Diisopropyl ether	6.684	45	310798	22.308	ug/l	96
21) 1,1-Dichloroethane	6.578	63	153586	21.074	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	92690	21.884	ug/l	98
23) tert-Butyl Alcohol	5.531	59	74997	125.300	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	261988	23.003	ug/l	99
25) Chloroform	7.972	83	157034	21.973	ug/l	96
26) Cyclohexane	8.266	56	141706	21.755	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	113202	20.431	ug/l	98
30) 2-Butanone	7.489	43	346585	107.240	ug/l	99
31) 2,2-Dichloropropane	7.501	77	116316	20.087	ug/l #	60
32) 1,1,1-Trichloroethane	8.178	97	128550	19.986	ug/l	98
33) Carbon Tetrachloride	8.372	117	111075	19.930	ug/l	95
34) Benzene	8.613	78	359522	20.325	ug/l	98
35) Methacrylonitrile	7.784	41	74837	21.229	ug/l	96
36) 1,2-Dichloroethane	8.678	62	128037	21.625	ug/l	99
37) Trichloroethene	9.360	130	81623	19.842	ug/l	95
38) Methylcyclohexane	9.607	83	142048	20.373	ug/l	97
39) 1,2-Dichloropropane	9.625	63	95515	20.778	ug/l	98
40) Dibromomethane	9.713	93	62401	21.285	ug/l	97
41) Bromodichloromethane	9.889	83	123078	20.929	ug/l	93
42) Vinyl Acetate	6.619	43	1038869	110.918	ug/l	100

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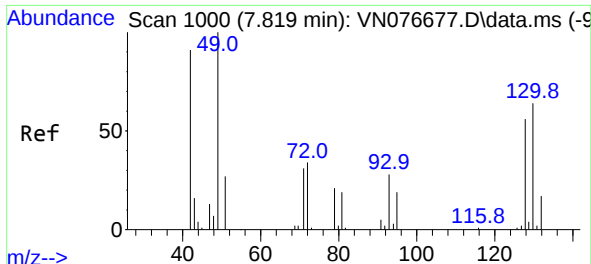
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 04:31:17 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	131641	21.379	ug/l	99
44) Isopropyl Acetate	8.695	43	229338	22.627	ug/l	100
45) 1,4-Dioxane	9.701	88	39915	465.297	ug/l	96
46) Methyl methacrylate	9.683	41	106203	22.826	ug/l	95
47) n-amyl Acetate	12.495	43	197422	22.057	ug/l	98
48) t-1,3-Dichloropropene	10.842	75	130870	21.941	ug/l	95
49) cis-1,3-Dichloropropene	10.319	75	140112	20.639	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	92102	21.611	ug/l	94
51) Ethyl methacrylate	10.877	69	137591	22.236	ug/l	97
52) 1,3-Dichloropropane	11.166	76	158076	21.574	ug/l	99
53) Dibromochloromethane	11.366	129	87867	20.071	ug/l	99
54) 1,2-Dibromoethane	11.472	107	90441	21.799	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	264428	96.397	ug/l	99
56) Bromoform	12.583	173	63283	20.989	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	725733	112.360	ug/l	98
59) 2-Hexanone	11.201	43	535580	111.478	ug/l	100
61) Tetrachloroethene	11.107	164	67576	19.705	ug/l	94
62) Toluene	10.636	91	380070	20.026	ug/l	100
64) Chlorobenzene	11.895	112	232422	20.555	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	85032	20.514	ug/l	97
66) Ethyl Benzene	11.966	91	420975	20.865	ug/l	95
67) m/p-Xylenes	12.077	106	329958	41.820	ug/l	99
68) o-Xylene	12.401	106	163343	21.008	ug/l	98
69) Styrene	12.413	104	264346	21.177	ug/l	98
70) Isopropylbenzene	12.701	105	412373	20.789	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	141906	21.867	ug/l	95
72) 1,2,3-Trichloropropane	12.995	75	122033m	21.347	ug/l	
73) Bromobenzene	12.983	156	95175	20.678	ug/l	95
74) n-propylbenzene	13.036	91	494833	20.945	ug/l	100
75) 2-Chlorotoluene	13.130	91	293264	20.861	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	346111	20.921	ug/l	100
77) t-1,4-Dichloro-2-butene	12.742	75	39757	21.646	ug/l	96
78) 4-Chlorotoluene	13.224	91	284249	21.091	ug/l	98
79) tert-butylbenzene	13.442	119	307364	20.984	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	344383	20.964	ug/l	100
81) sec-Butylbenzene	13.618	105	434591	20.661	ug/l	98
82) p-Isopropyltoluene	13.736	119	362697	21.268	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	182506	20.752	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	178191	20.773	ug/l	98
85) n-Butylbenzene	14.060	91	297049	20.552	ug/l	99
86) Hexachloroethane	14.342	117	63704	19.297	ug/l	94
87) 1,2-Dichlorobenzene	14.113	146	180147	20.371	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	26168	21.753	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	93725	20.776	ug/l	99
90) Hexachlorobutadiene	15.501	225	42326	19.475	ug/l	93
91) Naphthalene	15.642	128	318950	21.989	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	93691	20.461	ug/l	99

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



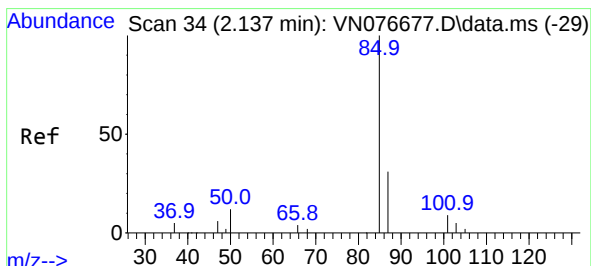
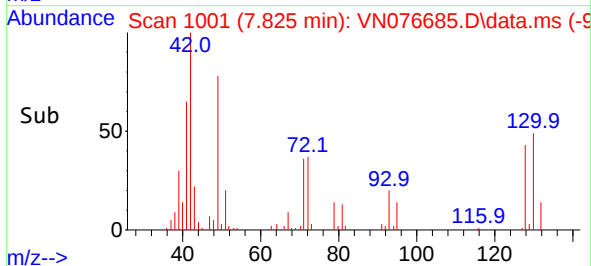
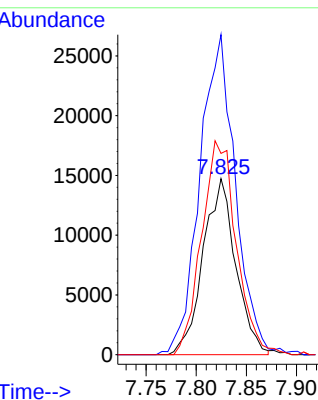
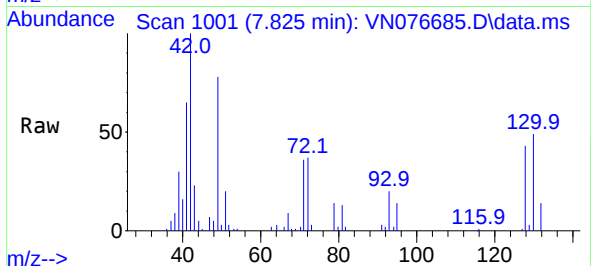
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
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ClientSampleId :
VN0215WBSD01

Tgt Ion:128 Resp: 3335
Ion Ratio Lower Upper
128 100
49 197.6 0.0 461.8
130 129.6 0.0 295.3

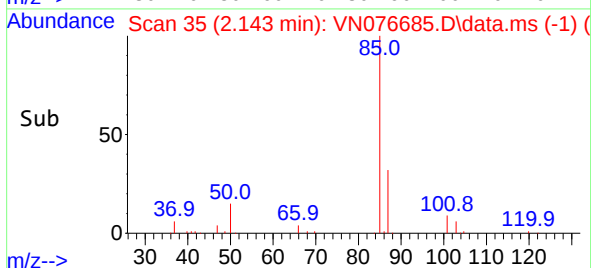
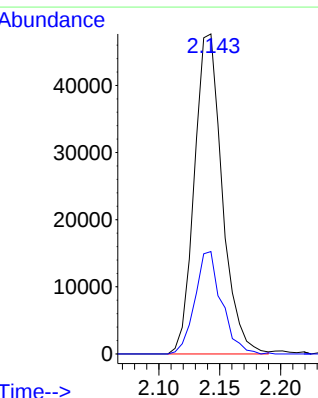
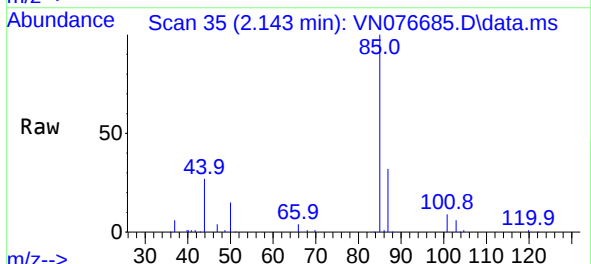
Manual Integrations
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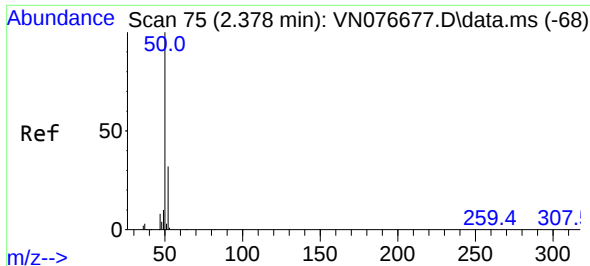
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 21.472 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

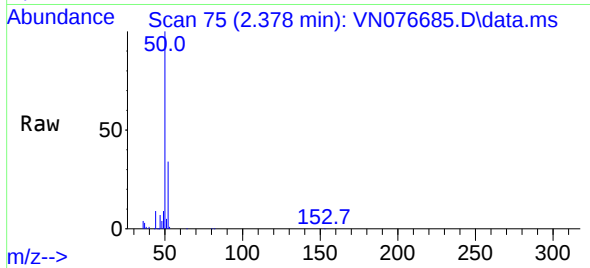
Tgt Ion: 85 Resp: 75792
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1





#3
Chloromethane
Concen: 20.898 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

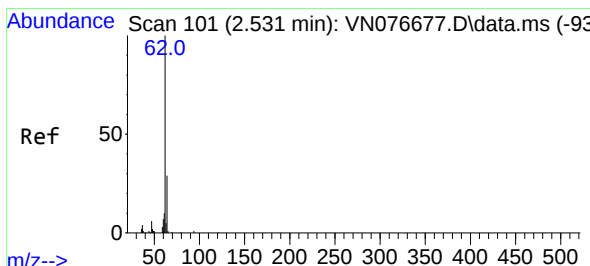
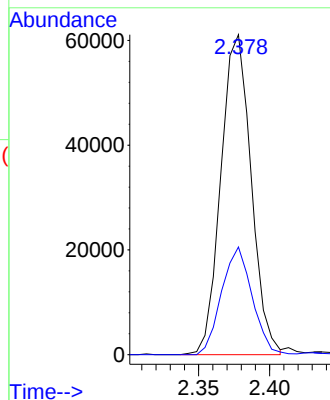
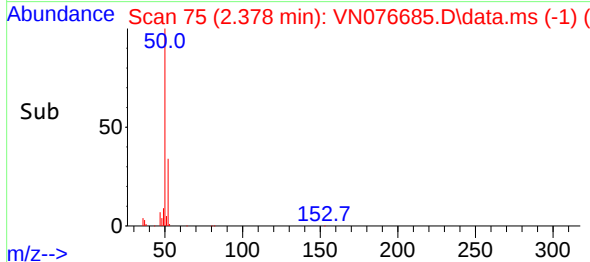
Instrument :
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ClientSampleId :
VN0215WBSD01



Tgt Ion: 50 Resp: 9057
Ion Ratio Lower Upper
50 100
52 33.7 25.3 37.9

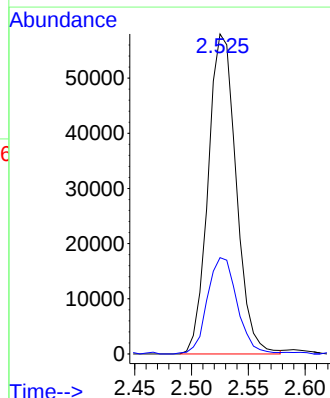
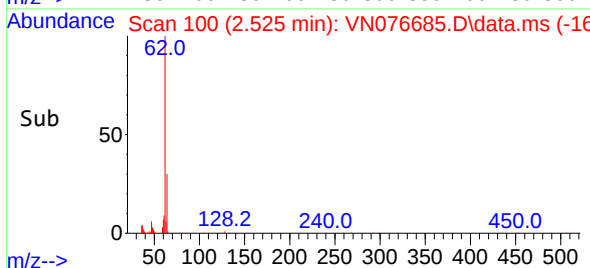
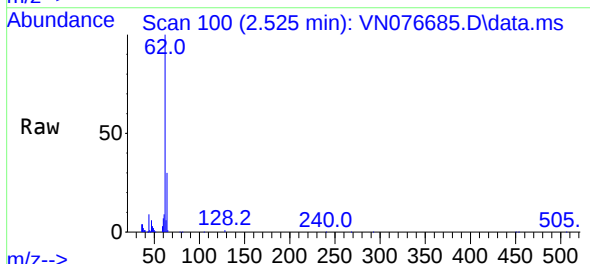
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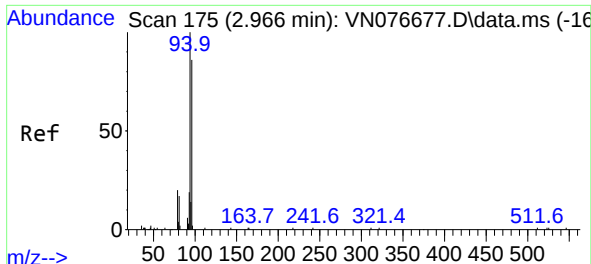
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#4
Vinyl Chloride
Concen: 21.531 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion: 62 Resp: 99603
Ion Ratio Lower Upper
62 100
64 29.8 23.1 34.7





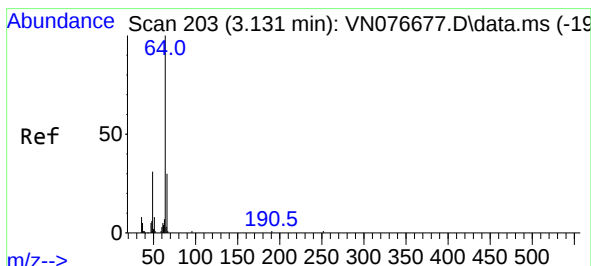
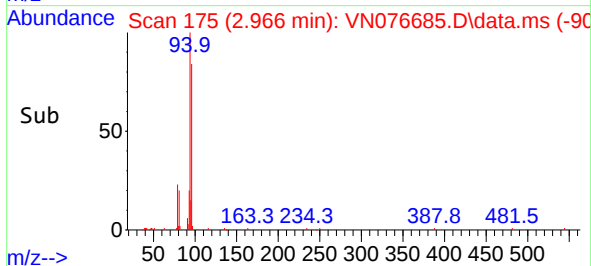
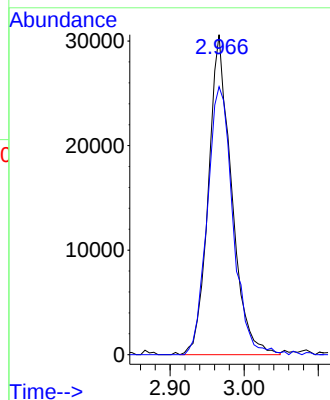
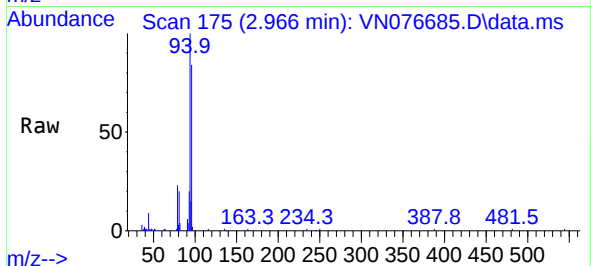
#5
Bromomethane
Concen: 20.763 ug/l
RT: 2.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
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ClientSampleId :
VN0215WBSD01

Tgt Ion: 94 Resp: 66310
Ion Ratio Lower Upper
94 100
96 83.8 68.6 103.0

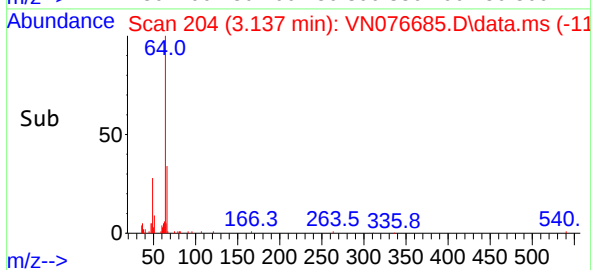
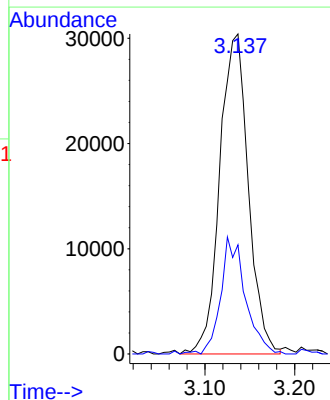
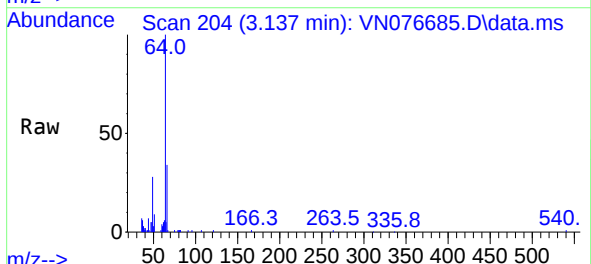
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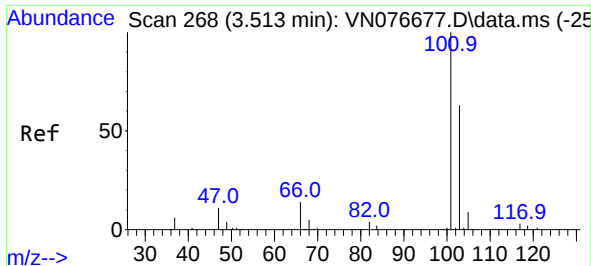
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#6
Chloroethane
Concen: 22.429 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

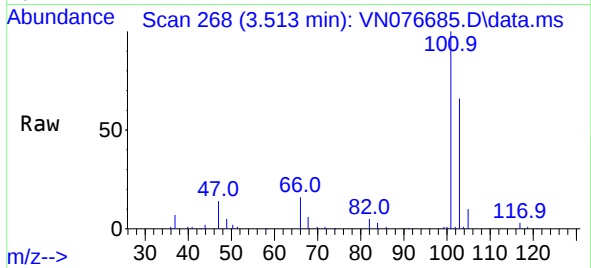
Tgt Ion: 64 Resp: 67287
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.6





#7
Trichlorofluoromethane
Concen: 20.720 ug/l
RT: 3.513 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

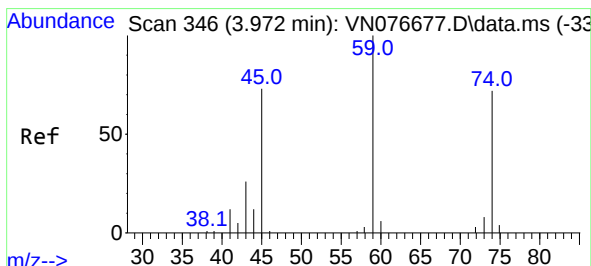
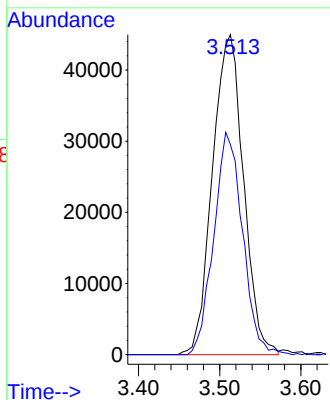
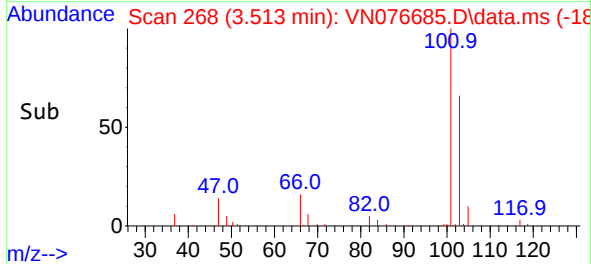
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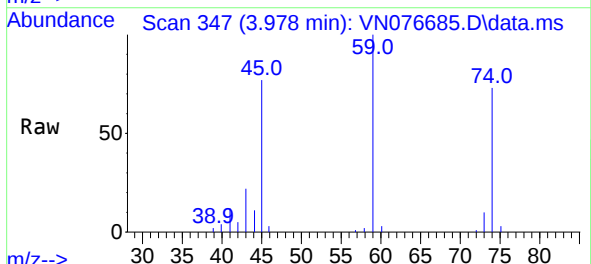
Tgt Ion:101 Resp: 119490
Ion Ratio Lower Upper
101 100
103 65.7 50.2 75.2

Manual Integrations
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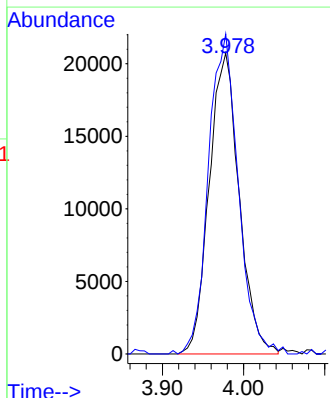
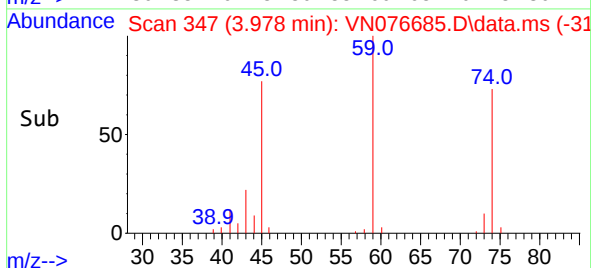
Reviewed By :John Carlone 02/16/2023
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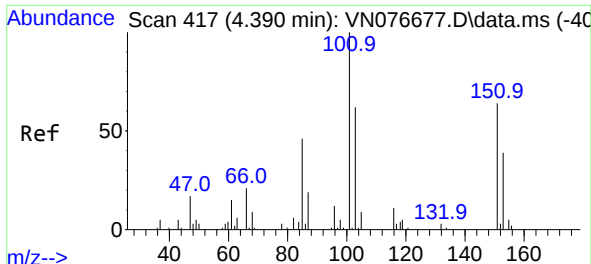


#8
Diethyl Ether
Concen: 23.230 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 74 Resp: 53153
Ion Ratio Lower Upper
74 100
45 105.8 21.4 193.0





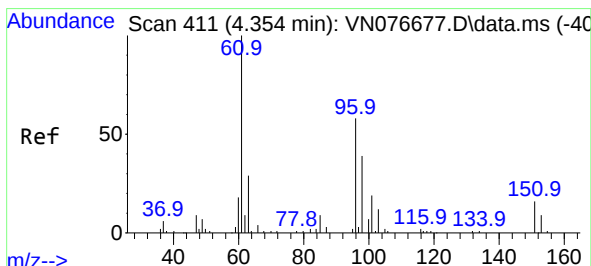
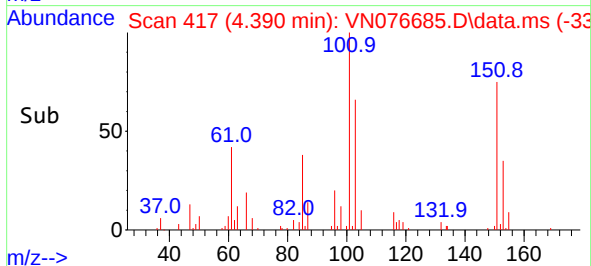
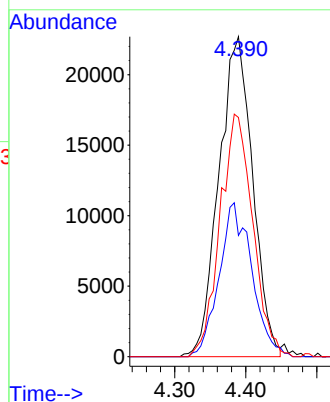
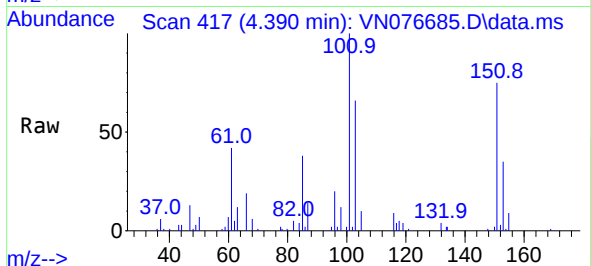
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1,1,2-Trichlorotrifluoroethane
Concen: 21.383 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076685.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:101 Resp: 74944
Ion Ratio Lower Upper
101 100
85 28.0 0.0 95.2
151 73.5 0.0 142.2

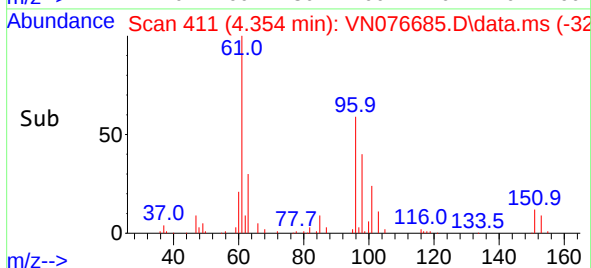
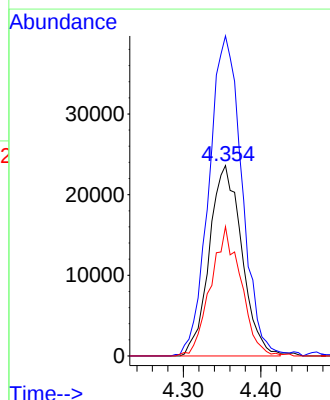
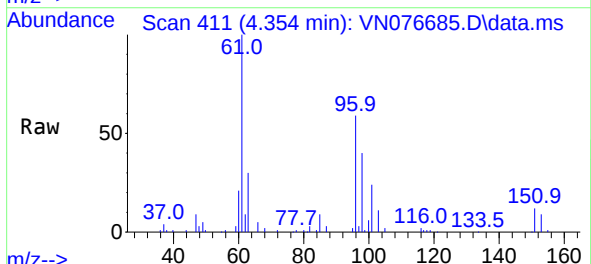
Manual Integrations
APPROVED

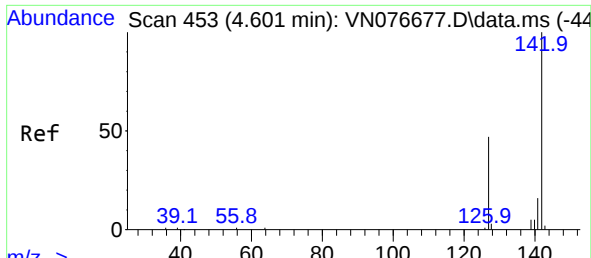
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 20.895 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

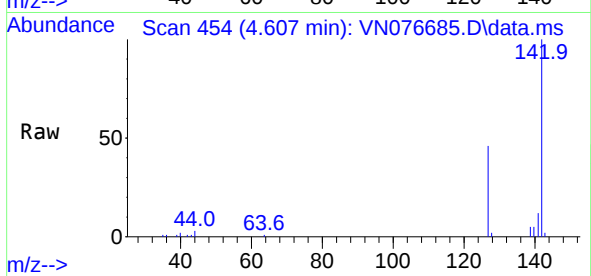
Tgt Ion: 96 Resp: 68781
Ion Ratio Lower Upper
96 100
61 167.3 137.1 205.7
98 69.3 53.2 79.8





#11
Methyl Iodide
Concen: 20.838 ug/l
RT: 4.607 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

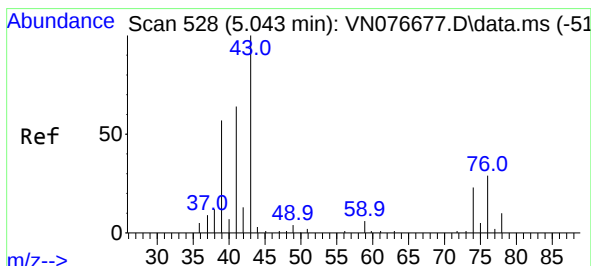
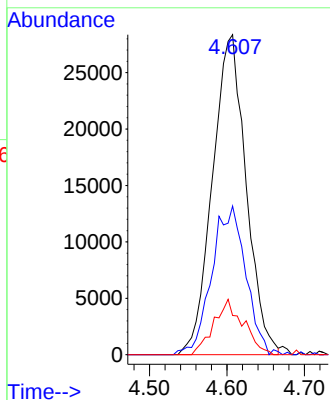
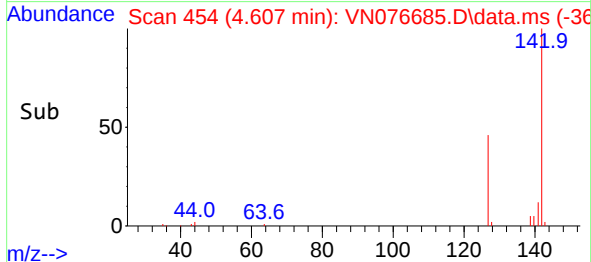
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion:142 Resp: 8559
Ion Ratio Lower Upper
142 100
127 45.8 25.0 75.0
141 12.4 8.0 24.0

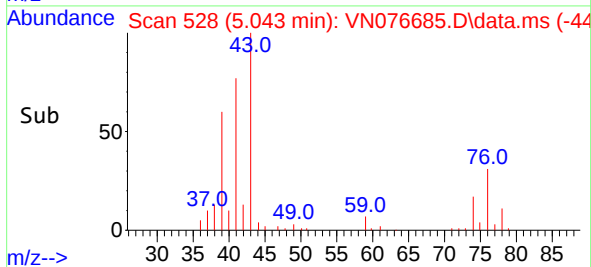
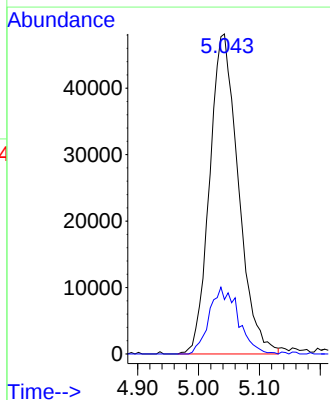
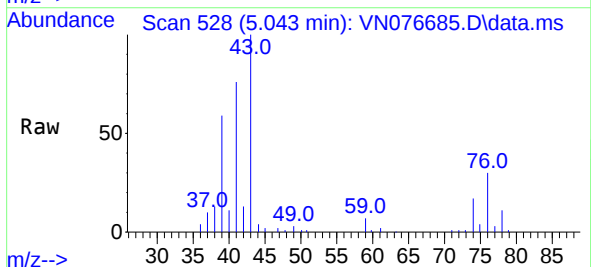
Manual Integrations
APPROVED

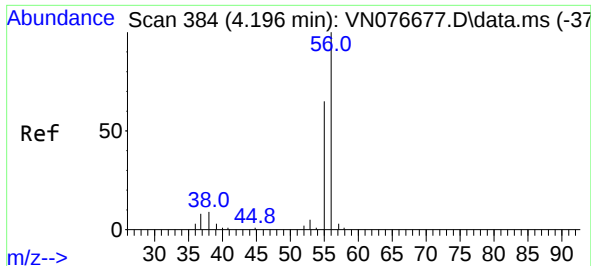
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#12
Methyl Acetate
Concen: 23.386 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

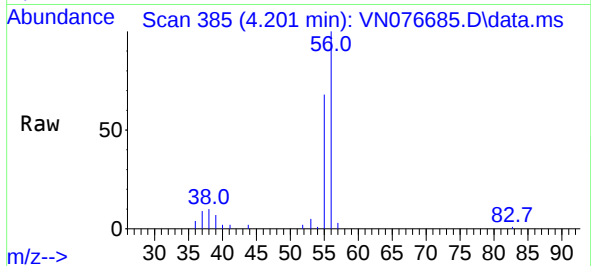
Tgt Ion: 43 Resp: 157815
Ion Ratio Lower Upper
43 100
74 17.2 19.0 28.4#





#13
Acrolein
Concen: 104.106 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

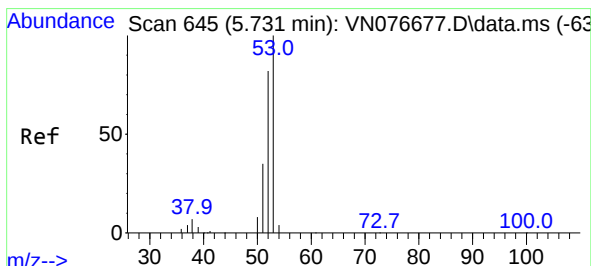
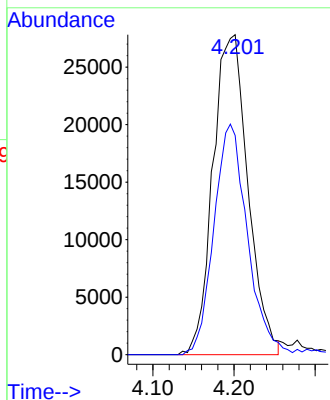
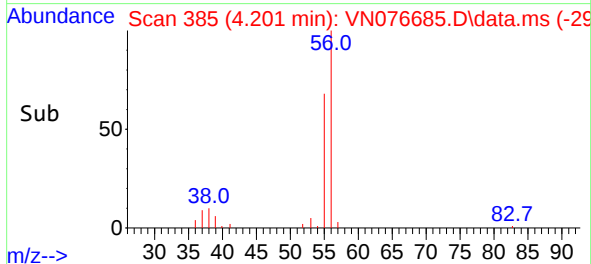
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



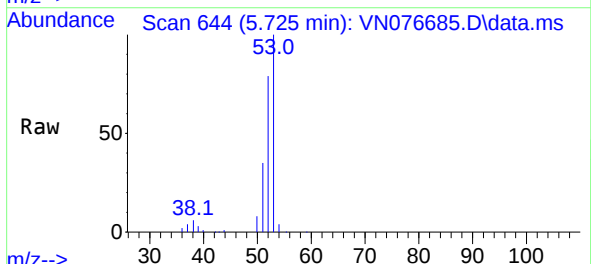
Tgt Ion: 56 Resp: 83440
Ion Ratio Lower Upper
56 100
55 68.9 55.0 82.4

Manual Integrations
APPROVED

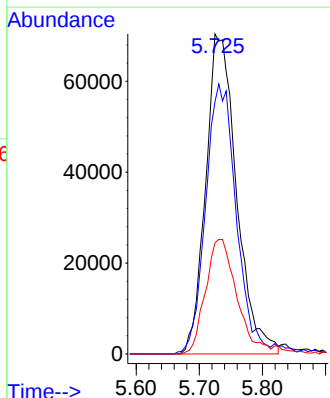
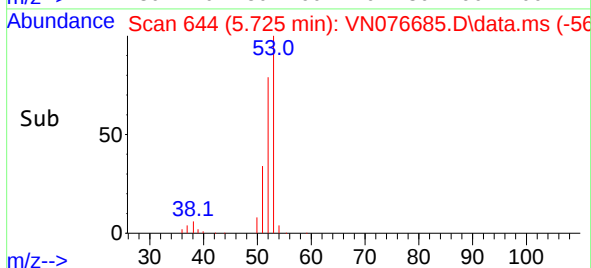
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

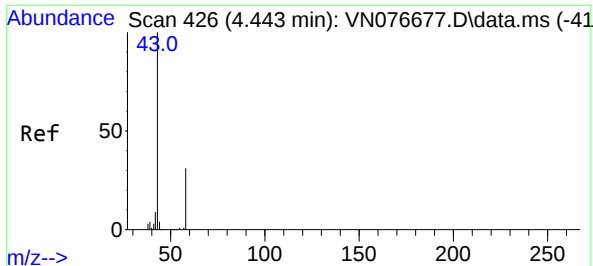


#14
Acrylonitrile
Concen: 115.331 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 53 Resp: 238855
Ion Ratio Lower Upper
53 100
52 83.3 41.5 124.6
51 35.1 17.6 52.8





#15

Acetone

Concen: 96.414 ug/l

RT: 4.443 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076685.D

Acq: 15 Feb 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBSD01

Tgt Ion: 58 Resp: 64649

Ion Ratio Lower Upper

58 100

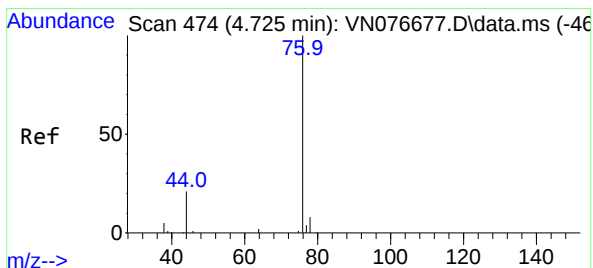
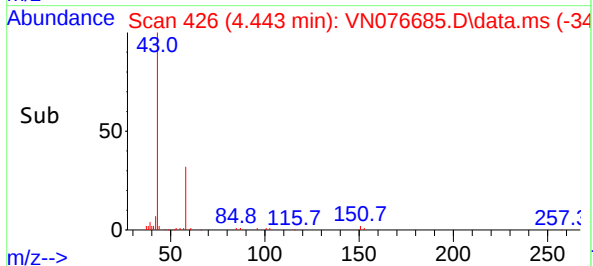
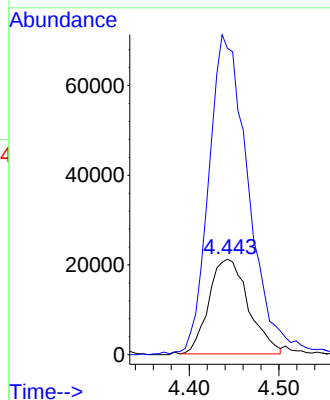
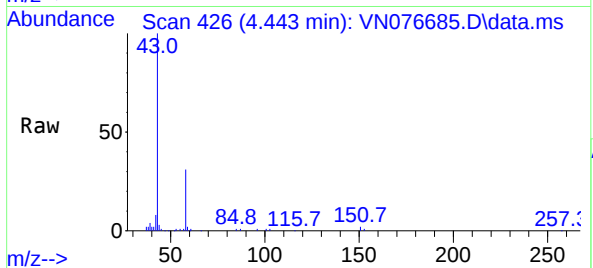
43 320.4 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#16

Carbon Disulfide

Concen: 20.268 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN076685.D

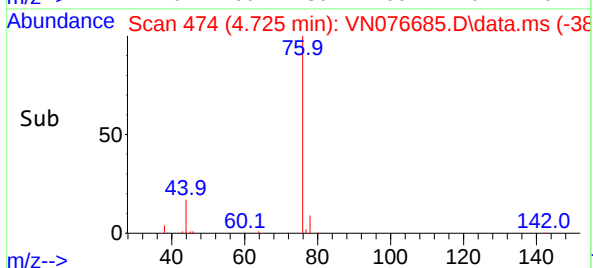
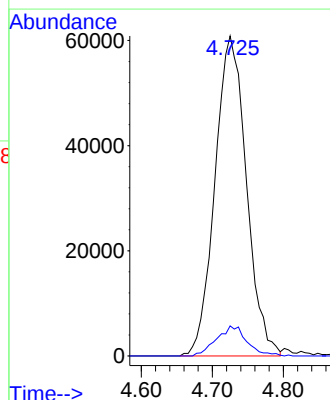
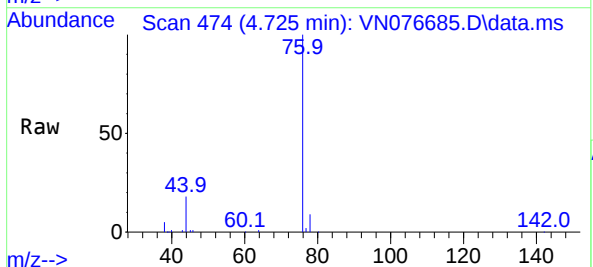
Acq: 15 Feb 2023 14:40

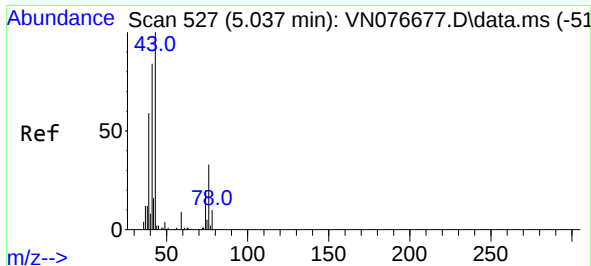
Tgt Ion: 76 Resp: 187140

Ion Ratio Lower Upper

76 100

78 9.4 6.6 9.8





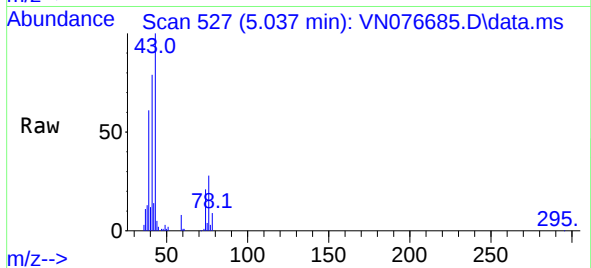
#17
 Allyl chloride
 Concen: 21.751 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN076685.D
 Acq: 15 Feb 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBSD01



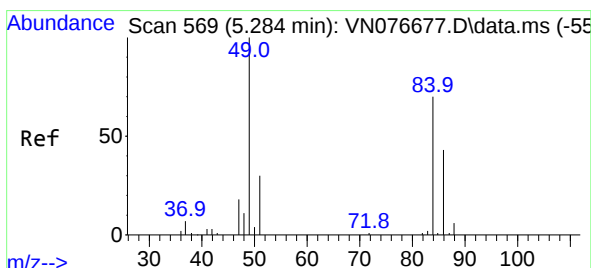
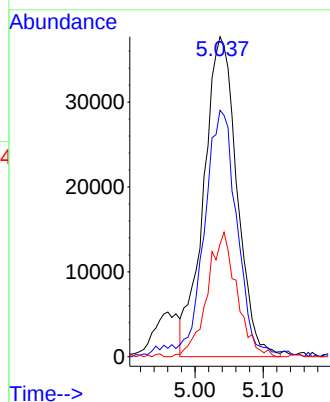
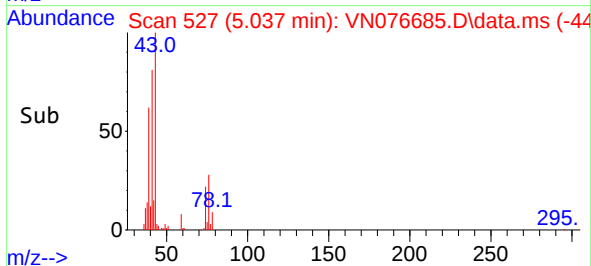
Tgt Ion: 41 Resp: 128150
 Ion Ratio Lower Upper
 41 100
 39 76.2 34.8 104.3
 76 35.6 17.5 52.5

Manual Integrations

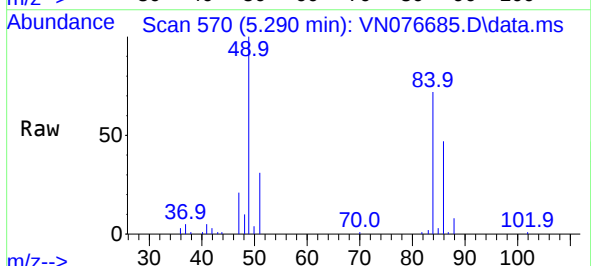
APPROVED

Reviewed By :John Carlone 02/16/2023

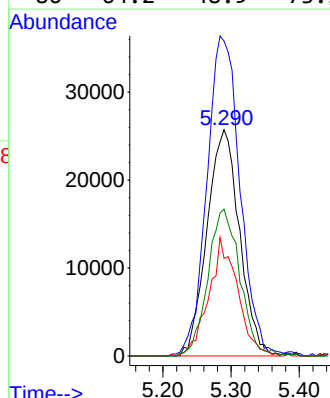
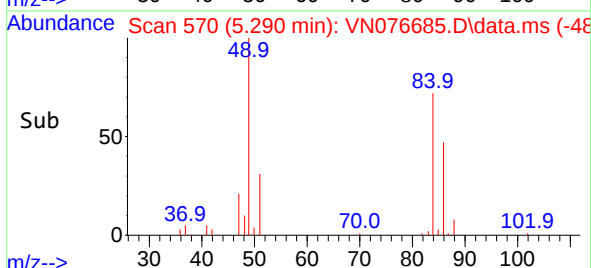
Supervised By :Mahesh Dadoda 02/18/2023

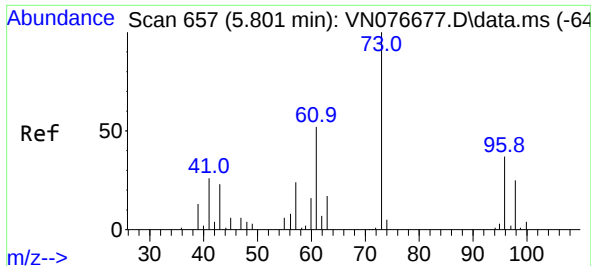


#18
 Methylene Chloride
 Concen: 20.554 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VN076685.D
 Acq: 15 Feb 2023 14:40



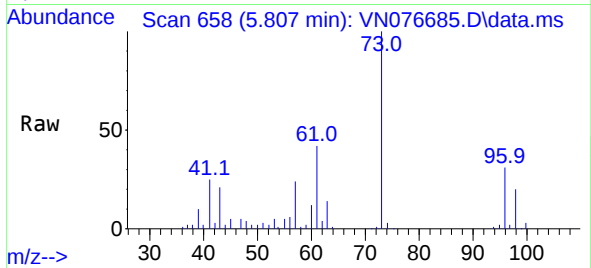
Tgt Ion: 84 Resp: 85401
 Ion Ratio Lower Upper
 84 100
 49 137.5 113.8 170.6
 51 43.2 34.2 51.4
 86 64.2 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 20.746 ug/l m
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

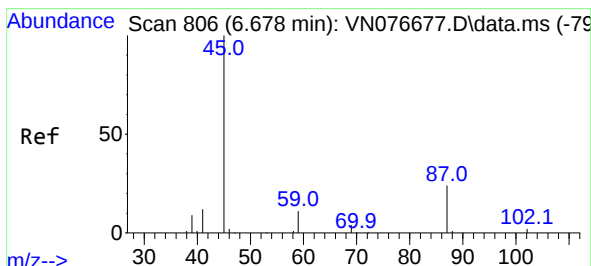
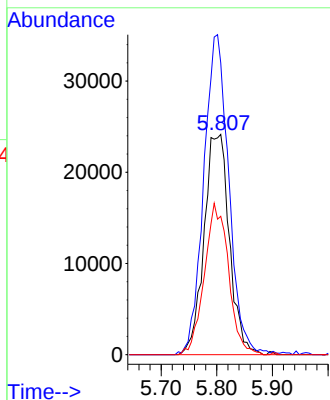
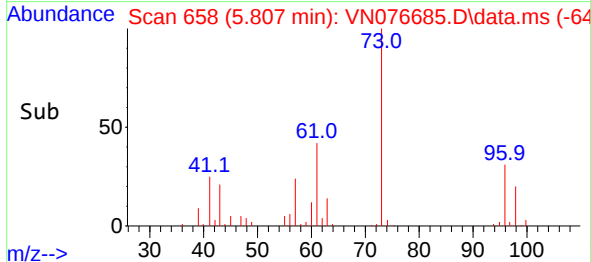
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



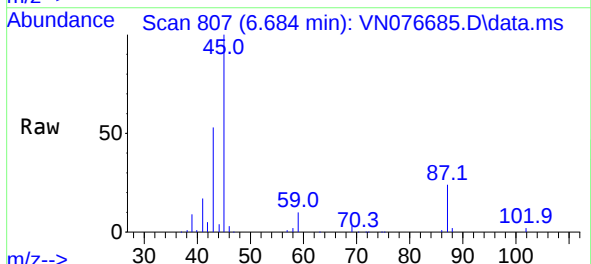
Tgt Ion: 96 Resp: 7658
Ion Ratio Lower Upper
96 100
61 132.4 111.0 166.4
98 62.9 55.0 82.6

Manual Integrations
APPROVED

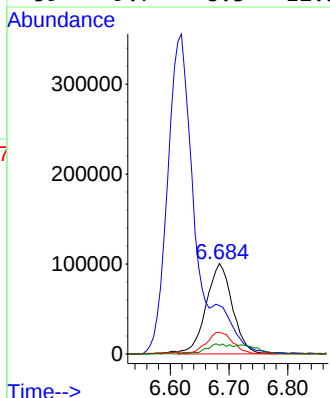
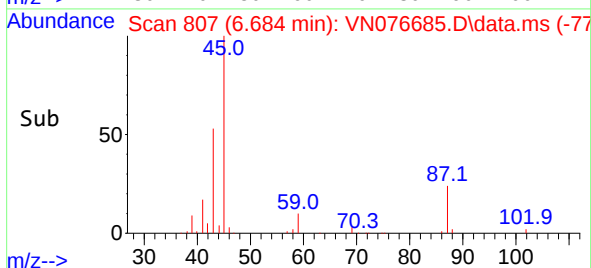
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

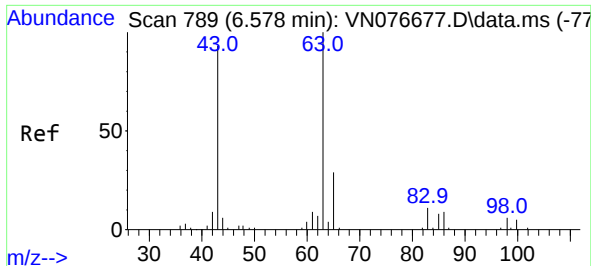


#20
Diisopropyl ether
Concen: 22.308 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



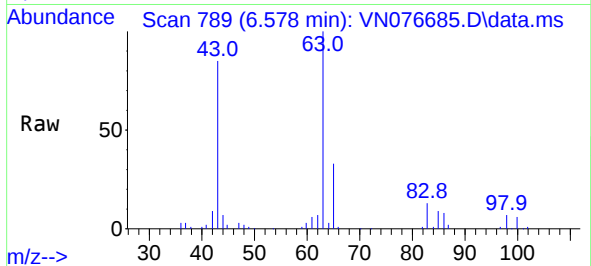
Tgt Ion: 45 Resp: 310798
Ion Ratio Lower Upper
45 100
43 52.0 38.6 58.0
87 24.0 20.1 30.1
59 9.7 8.3 12.5





#21
1,1-Dichloroethane
Concen: 21.074 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

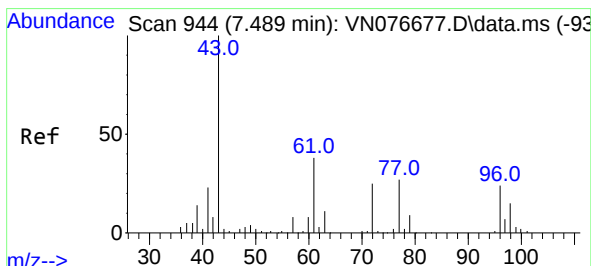
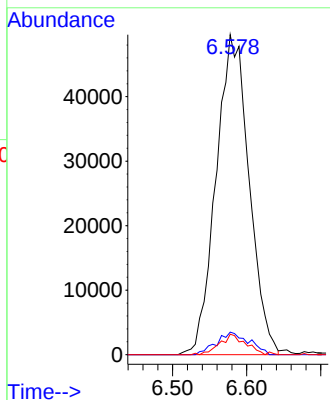
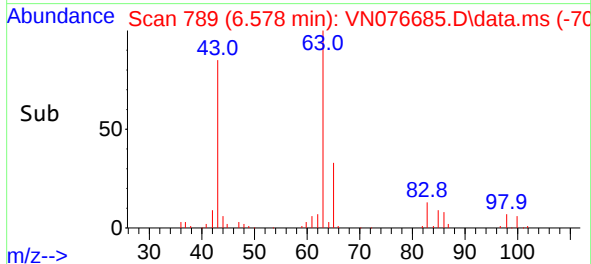
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



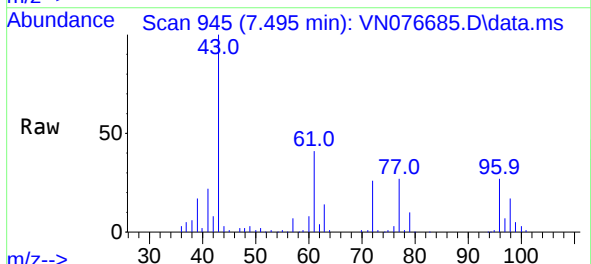
Tgt Ion: 63 Resp: 153580
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.9
100 6.4 2.6 7.8

Manual Integrations
APPROVED

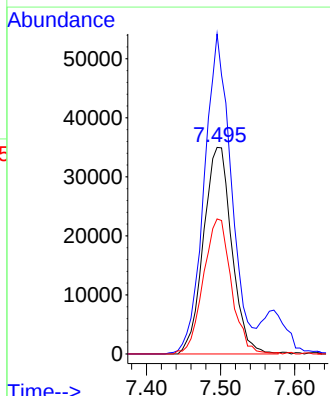
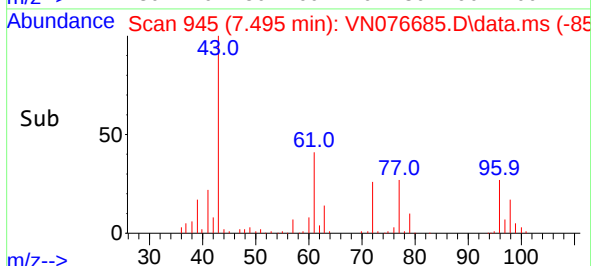
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

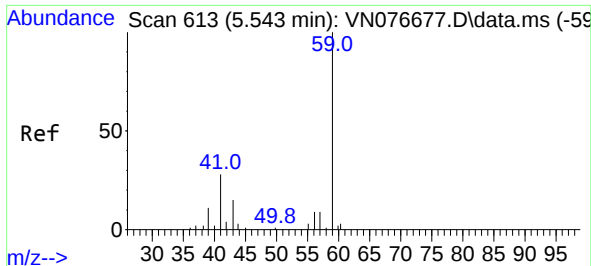


#22
cis-1,2-Dichloroethene
Concen: 21.884 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 96 Resp: 92690
Ion Ratio Lower Upper
96 100
61 149.2 121.0 181.4
98 64.8 50.1 75.1





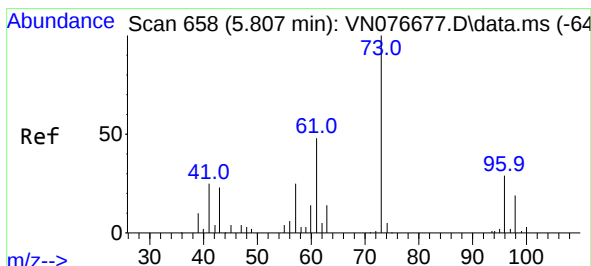
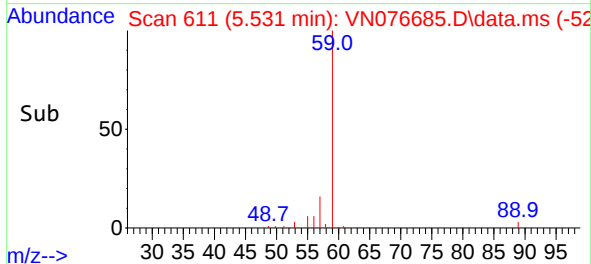
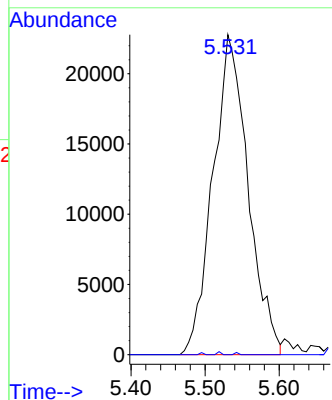
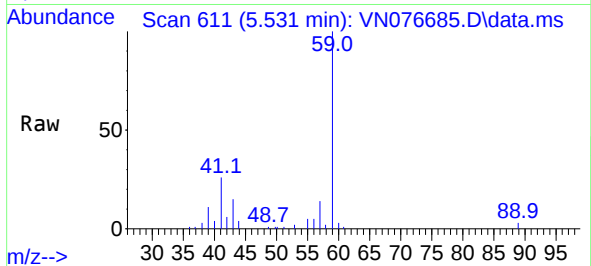
#23
tert-Butyl Alcohol
Concen: 125.300 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 59 Resp: 7499
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

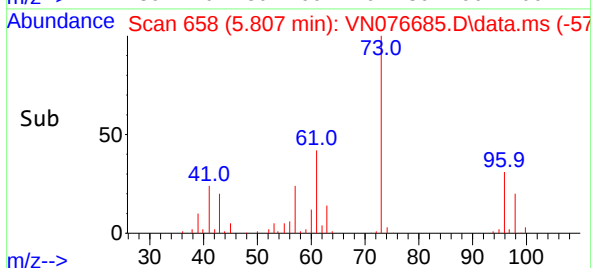
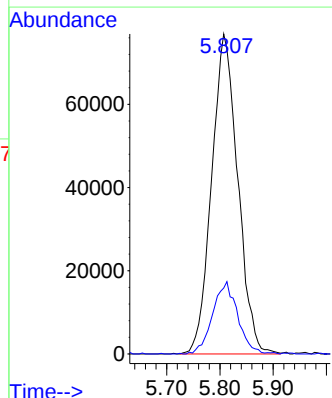
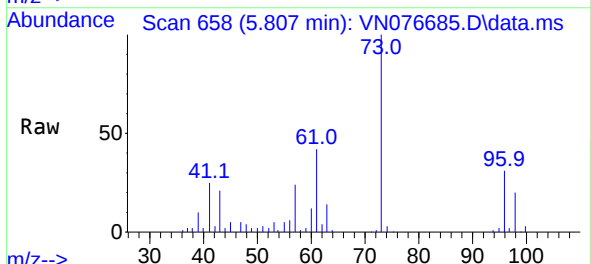
Manual Integrations
APPROVED

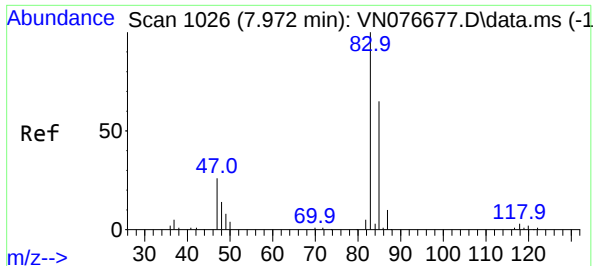
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#24
Methyl tert-Butyl Ether
Concen: 23.003 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion: 73 Resp: 261988
Ion Ratio Lower Upper
73 100
43 21.5 17.8 26.6





#25

Chloroform

Concen: 21.973 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076685.D

Acq: 15 Feb 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBSD01

Tgt Ion: 83 Resp: 157034

Ion Ratio Lower Upper

83 100

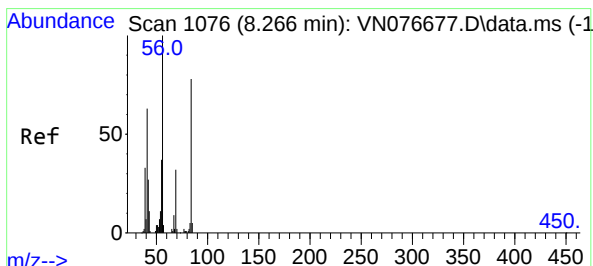
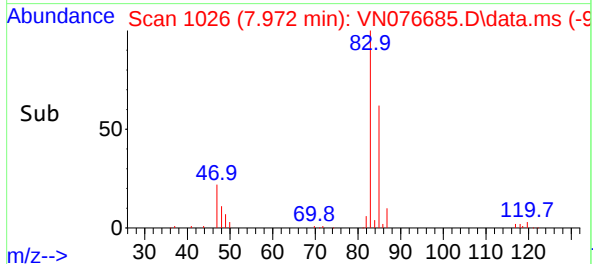
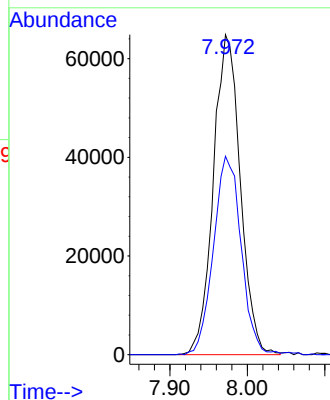
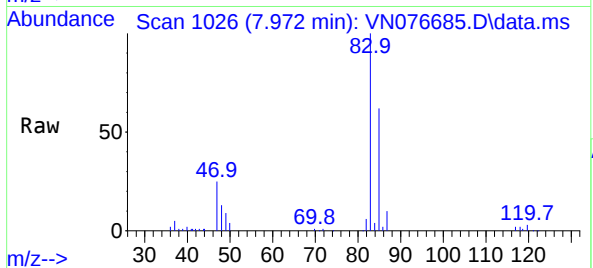
85 61.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#26

Cyclohexane

Concen: 21.755 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076685.D

Acq: 15 Feb 2023 14:40

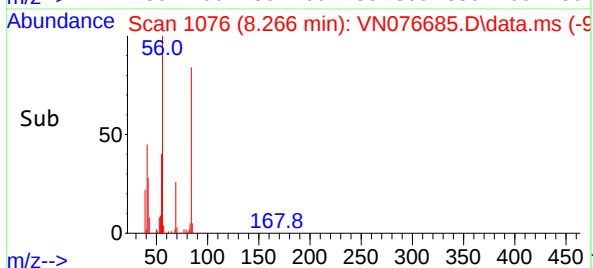
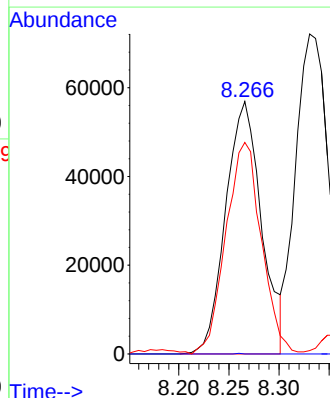
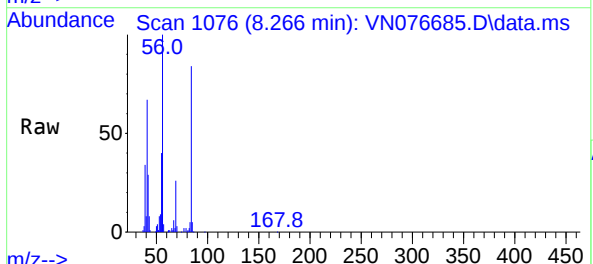
Tgt Ion: 56 Resp: 141706

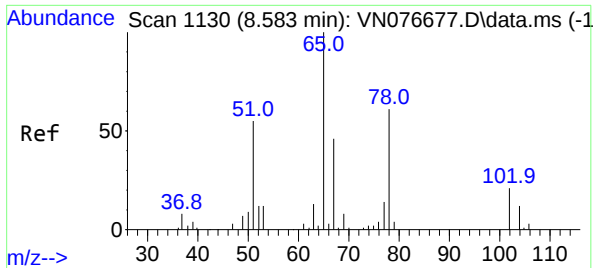
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.2 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 31.388 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

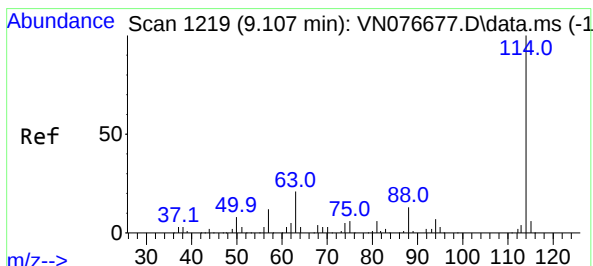
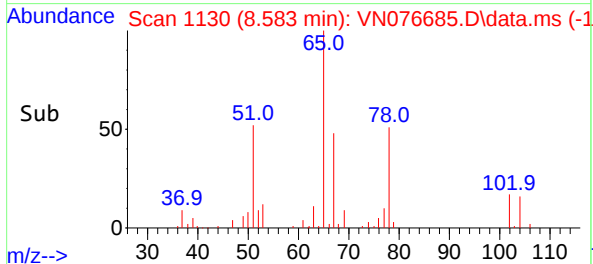
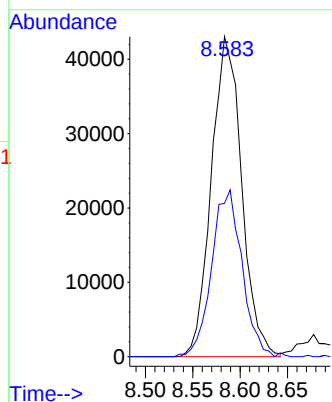
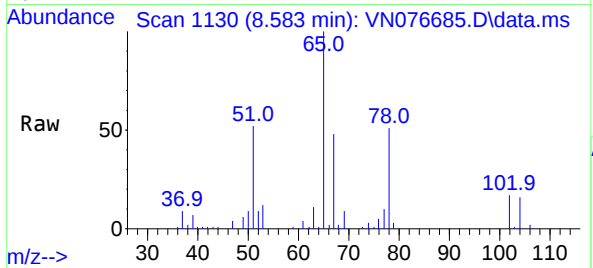
VN0215WBSD01

Tgt Ion: 65 Resp: 95754
Ion Ratio Lower Upper
65 100
67 52.0 40.9 61.3

Manual Integrations

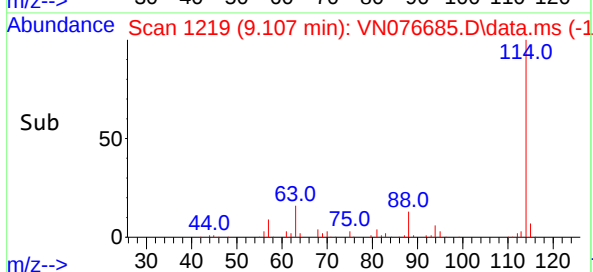
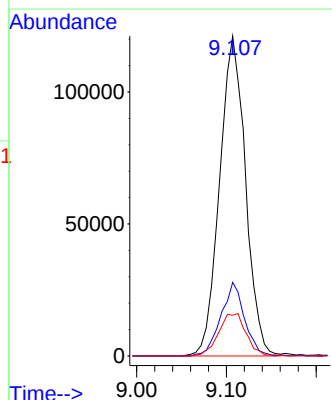
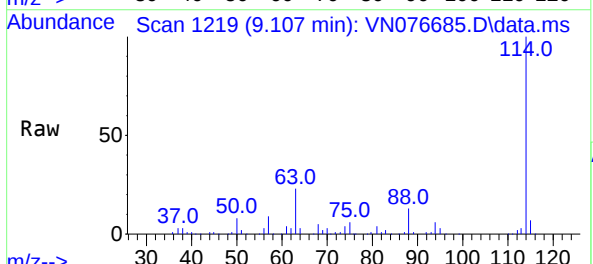
APPROVED

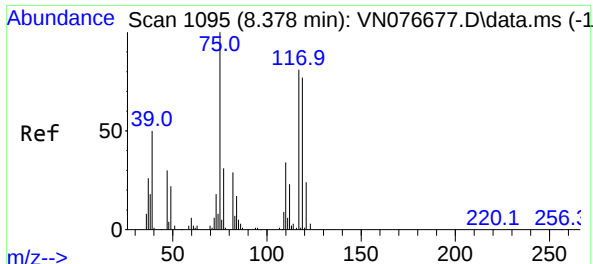
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

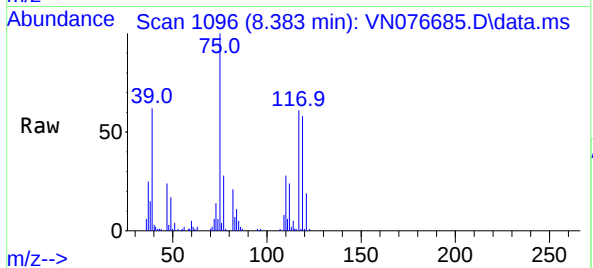
Tgt Ion:114 Resp: 242896
Ion Ratio Lower Upper
114 100
63 21.0 17.0 25.4
88 14.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.431 ug/l
RT: 8.383 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

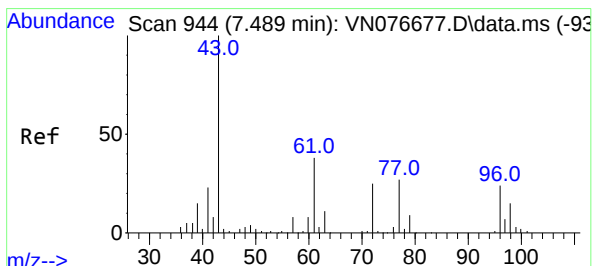
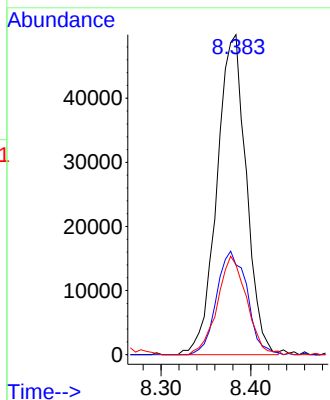
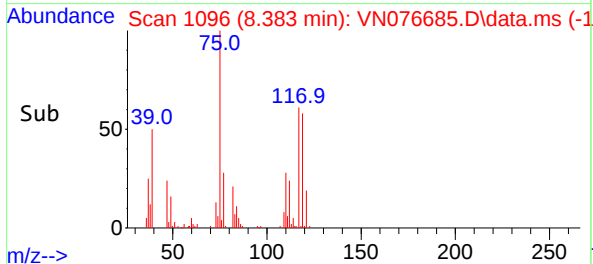
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion: 75 Resp: 11320
Ion Ratio Lower Upper
75 100
110 33.5 0.0 67.2
77 30.5 0.0 64.4

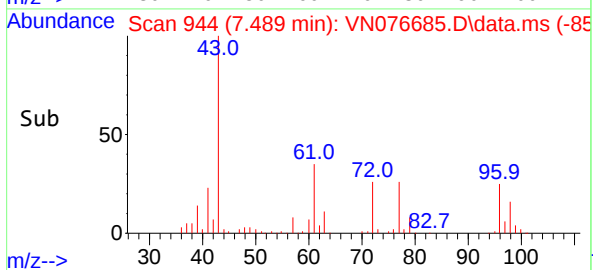
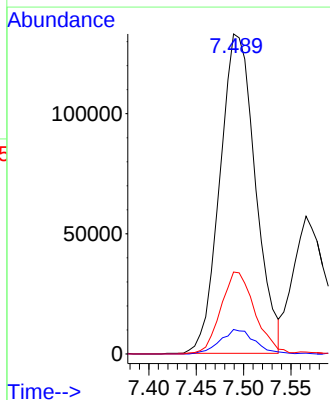
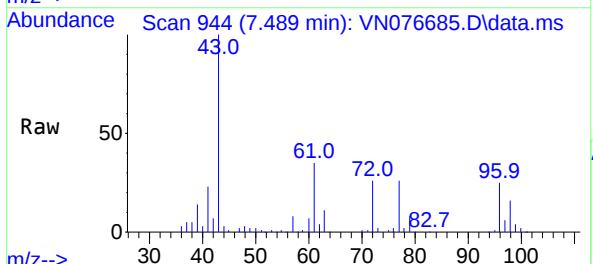
Manual Integrations
APPROVED

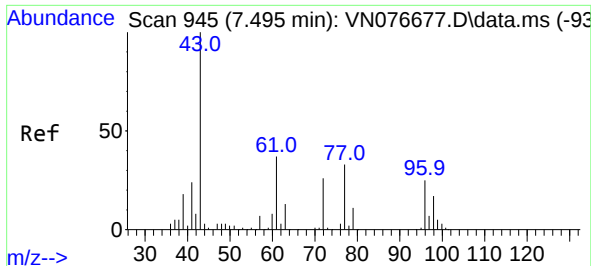
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
2-Butanone
Concen: 107.240 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion: 43 Resp: 346585
Ion Ratio Lower Upper
43 100
57 7.5 6.1 9.1
72 24.6 20.2 30.4





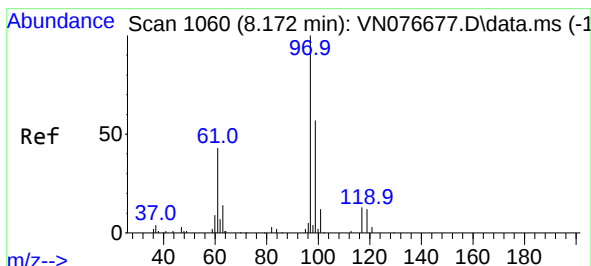
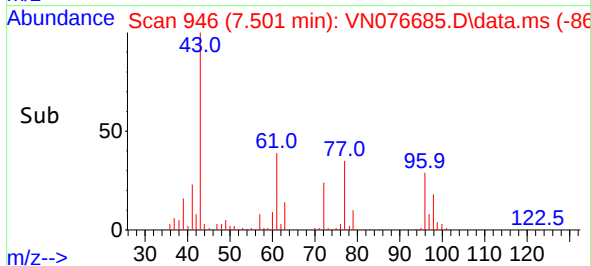
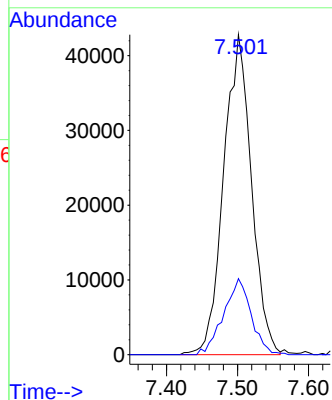
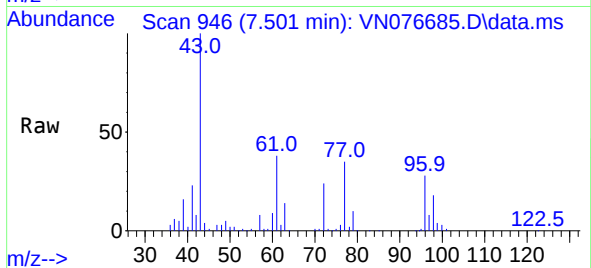
#31
2,2-Dichloropropane
Concen: 20.087 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 77 Resp: 116310
Ion Ratio Lower Upper
77 100
97 23.5 7.2 10.8

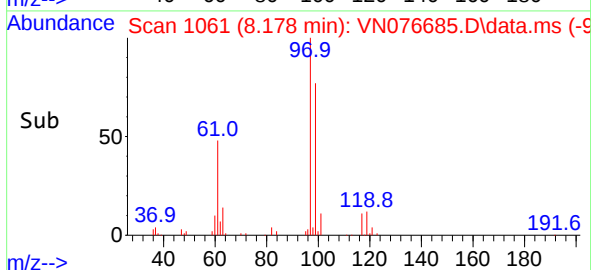
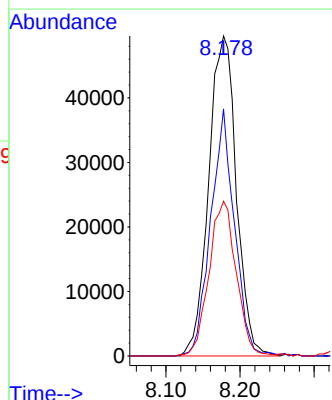
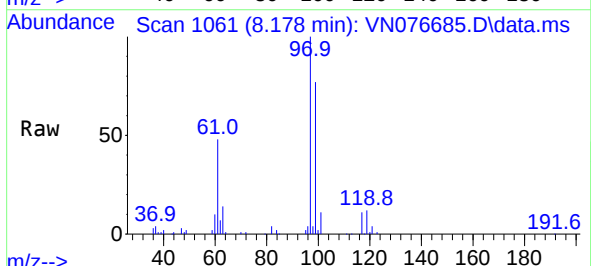
Manual Integrations
APPROVED

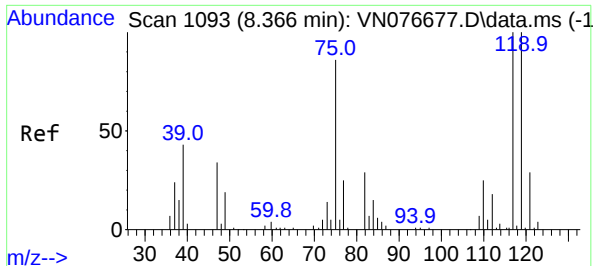
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.986 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

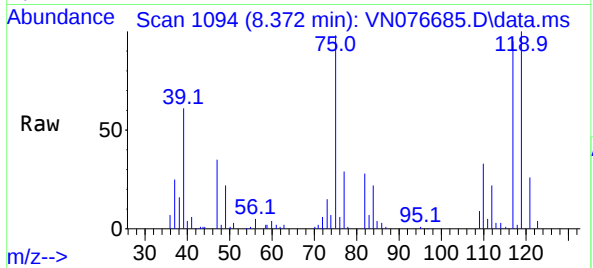
Tgt Ion: 97 Resp: 128550
Ion Ratio Lower Upper
97 100
99 65.9 51.8 77.8
61 47.6 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.930 ug/l
RT: 8.372 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

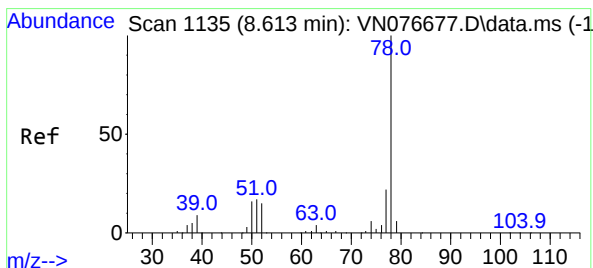
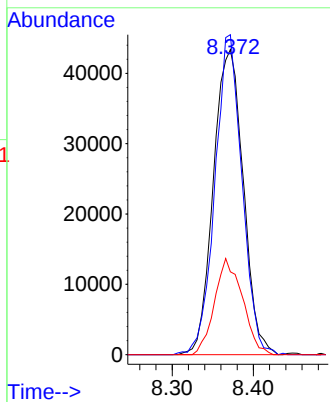
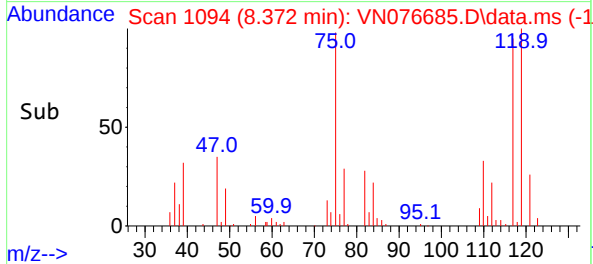
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



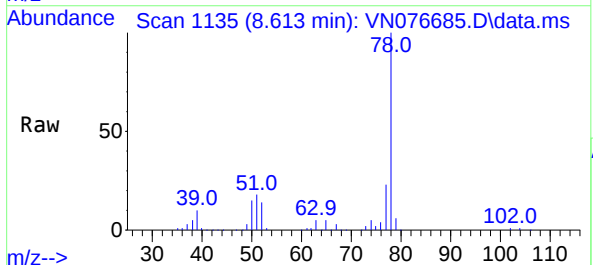
Tgt Ion:117 Resp: 11107
Ion Ratio Lower Upper
117 100
119 104.9 79.8 119.8
121 27.1 23.4 35.0

Manual Integrations
APPROVED

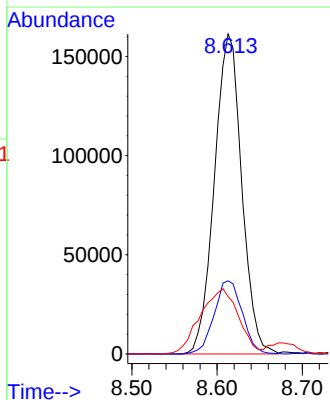
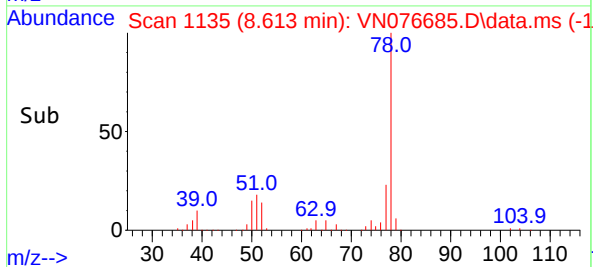
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

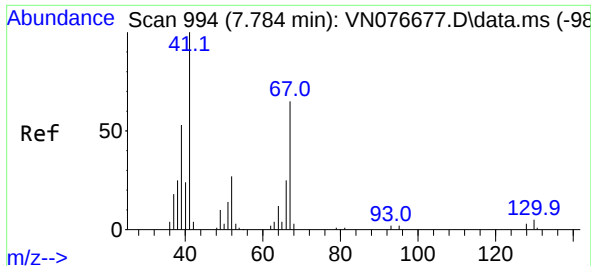


#34
Benzene
Concen: 20.325 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



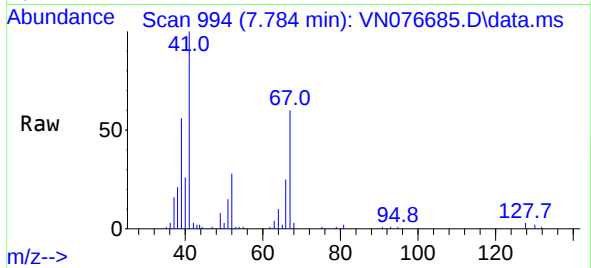
Tgt Ion: 78 Resp: 359522
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.2
51 16.9 13.8 20.6





#35
Methacrylonitrile
Concen: 21.229 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

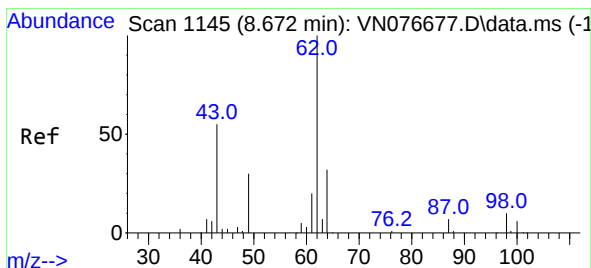
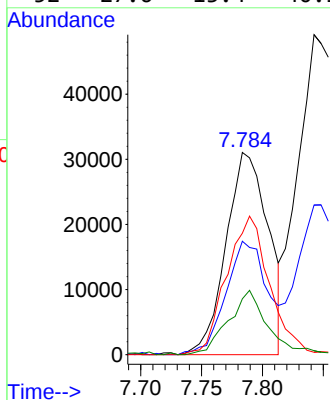
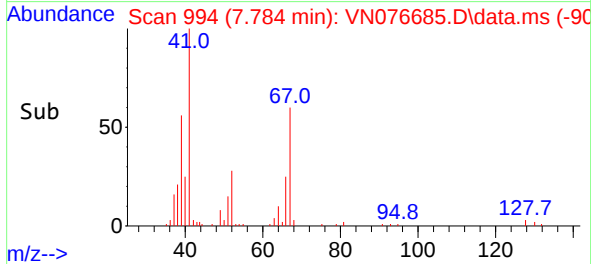
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



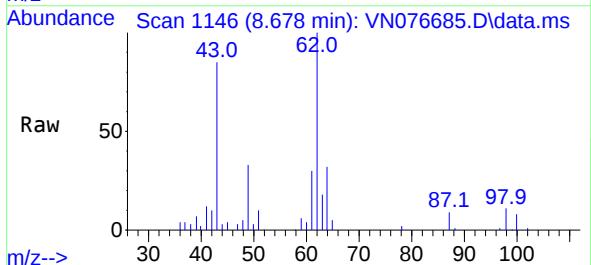
Tgt Ion: 41 Resp: 7483
Ion Ratio Lower Upper
41 100
39 56.1 26.6 79.7
67 60.1 32.3 96.9
52 27.6 13.4 40.1

Manual Integrations
APPROVED

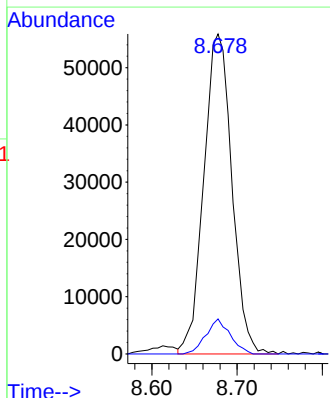
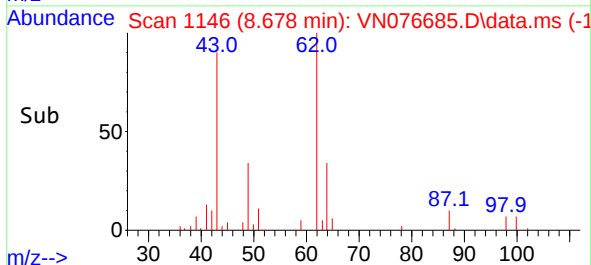
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

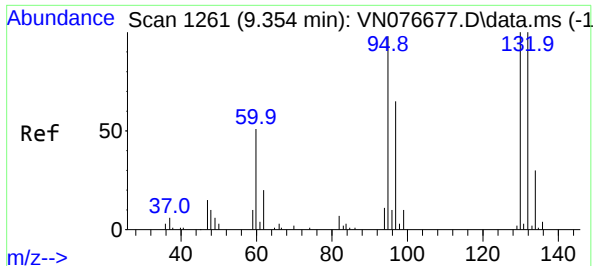


#36
1,2-Dichloroethane
Concen: 21.625 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



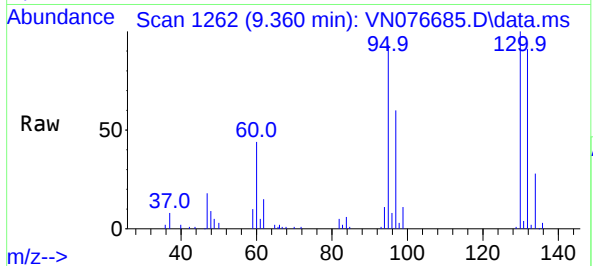
Tgt Ion: 62 Resp: 128037
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37
Trichloroethene
Concen: 19.842 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

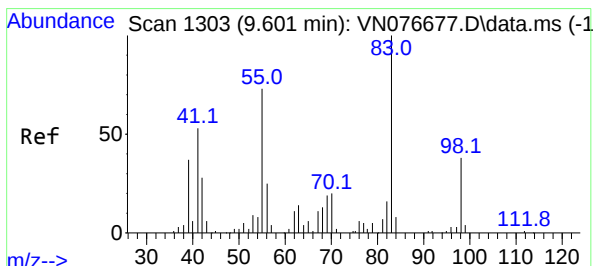
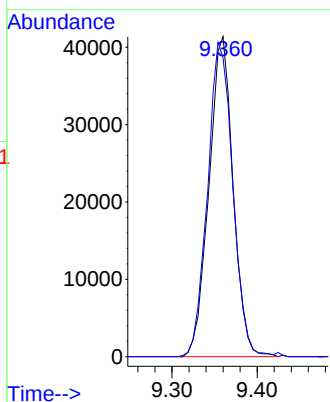
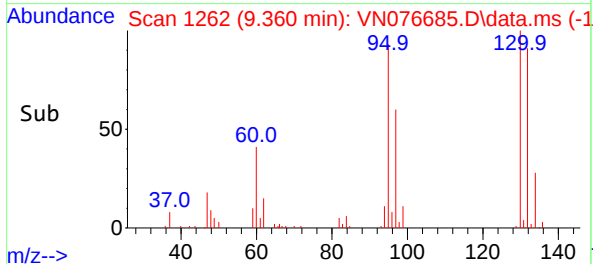
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



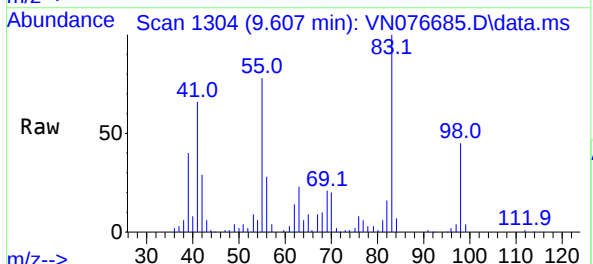
Tgt Ion:130 Resp: 8162
Ion Ratio Lower Upper
130 100
95 93.4 78.7 118.1

Manual Integrations
APPROVED

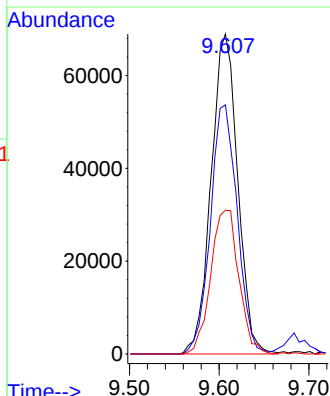
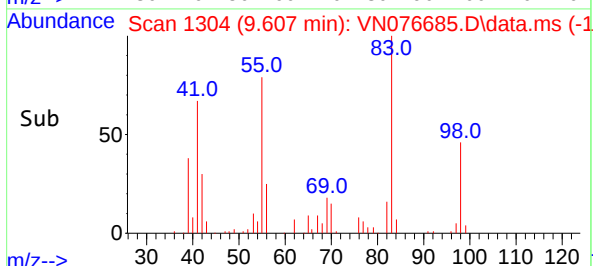
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

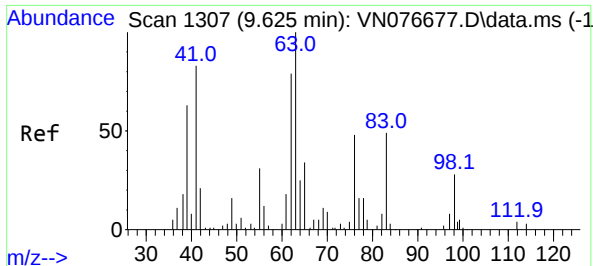


#38
Methylcyclohexane
Concen: 20.373 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 83 Resp: 142048
Ion Ratio Lower Upper
83 100
55 78.3 37.6 112.9
98 47.5 24.1 72.4





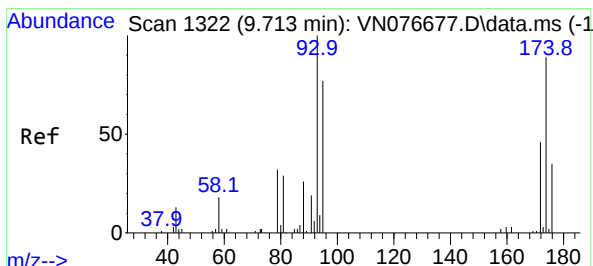
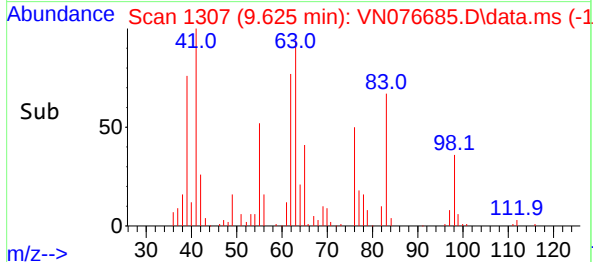
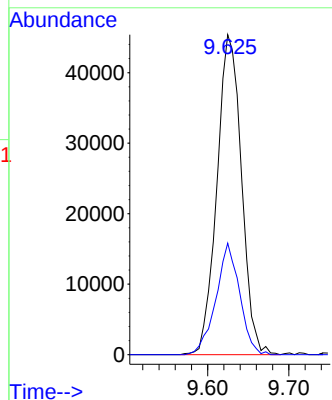
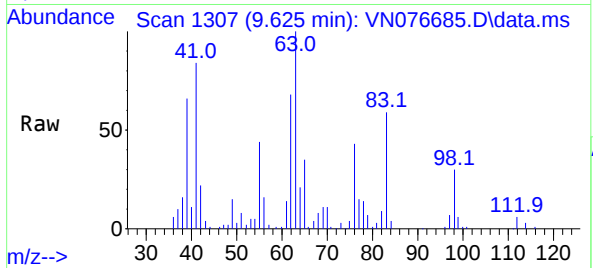
#39
1,2-Dichloropropane
Concen: 20.778 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 63 Resp: 9551
Ion Ratio Lower Upper
63 100
65 34.9 27.2 40.8

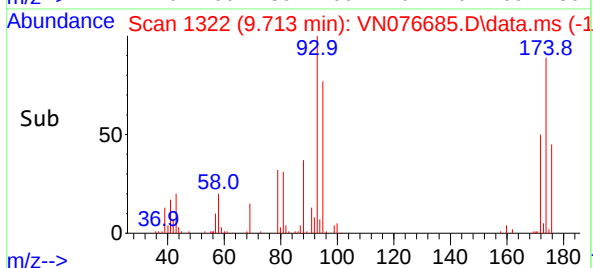
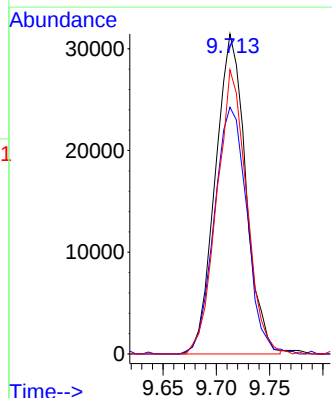
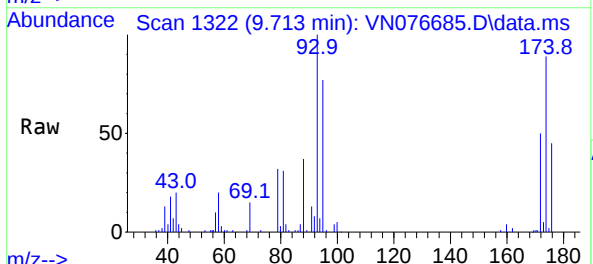
Manual Integrations
APPROVED

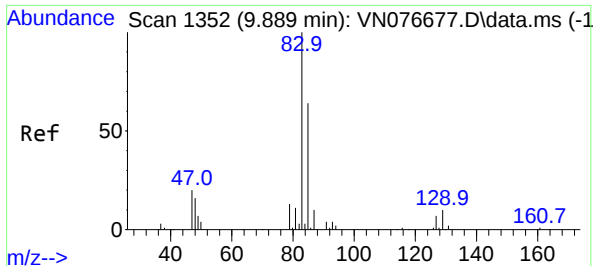
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Dibromomethane
Concen: 21.285 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

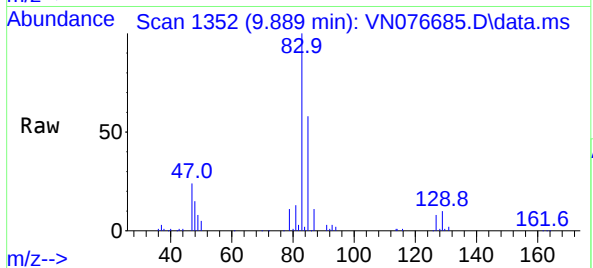
Tgt Ion: 93 Resp: 62401
Ion Ratio Lower Upper
93 100
95 82.7 0.0 158.0
174 87.2 0.0 171.2





#41
Bromodichloromethane
Concen: 20.929 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

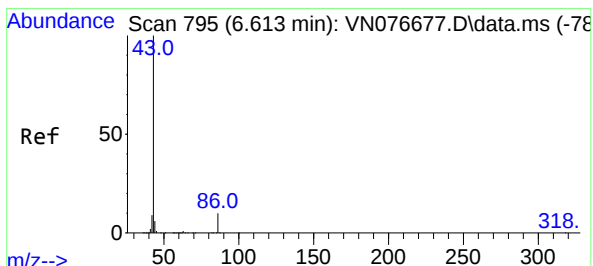
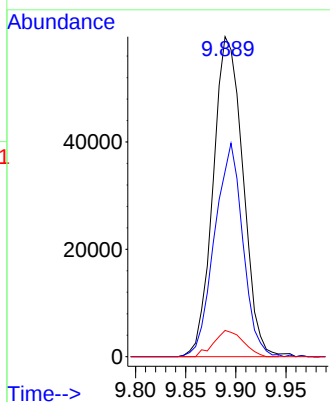
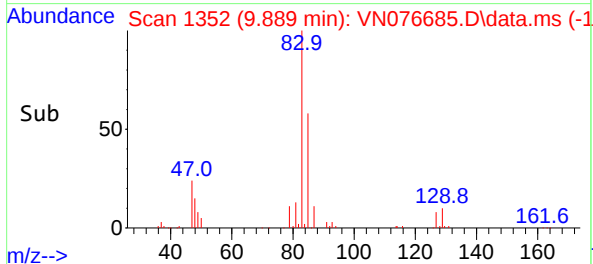
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



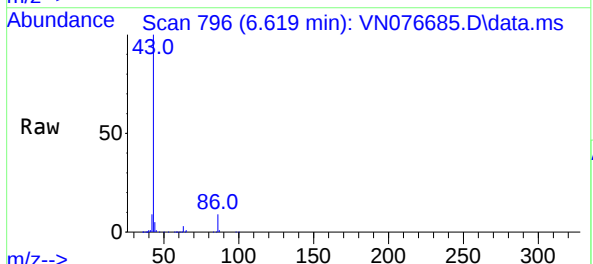
Tgt Ion: 83 Resp: 123078
Ion Ratio Lower Upper
83 100
85 57.9 51.0 76.4
127 8.2 6.2 9.2

Manual Integrations
APPROVED

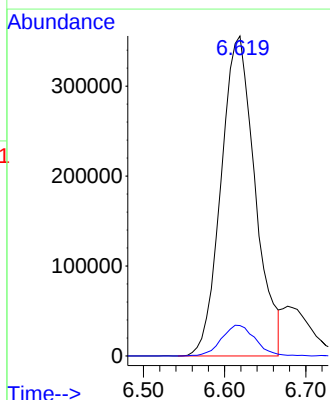
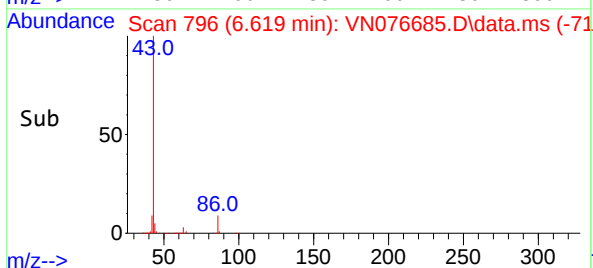
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

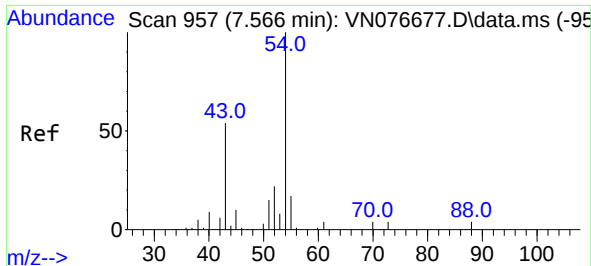


#42
Vinyl Acetate
Concen: 110.918 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



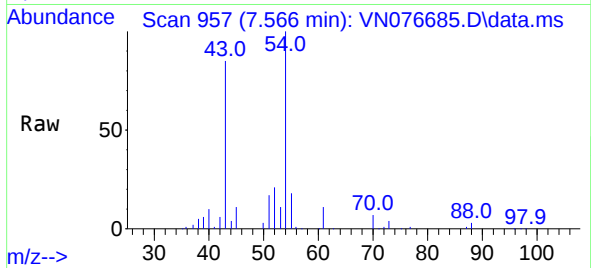
Tgt Ion: 43 Resp: 1038869
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.6





#43
Ethyl Acetate
Concen: 21.379 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

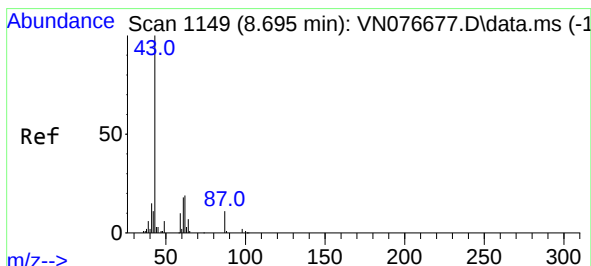
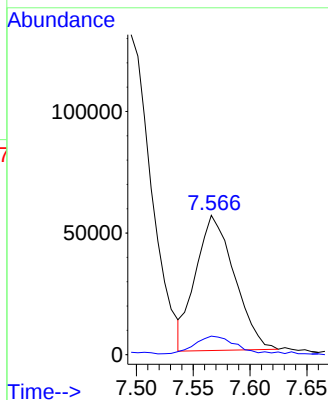
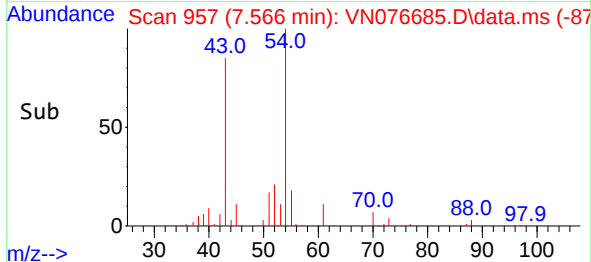
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



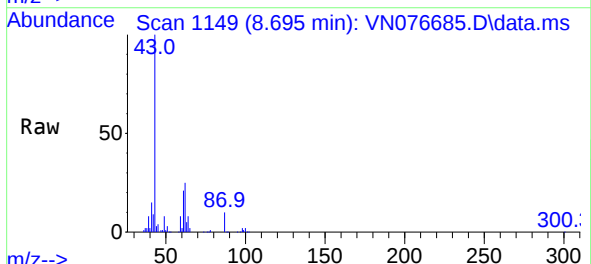
Tgt Ion: 43 Resp: 13164
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8

Manual Integrations
APPROVED

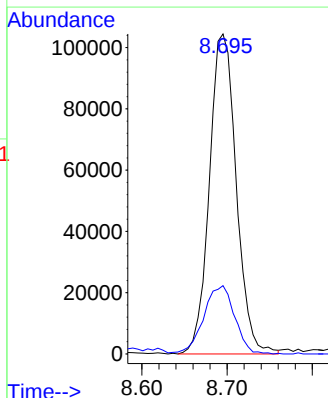
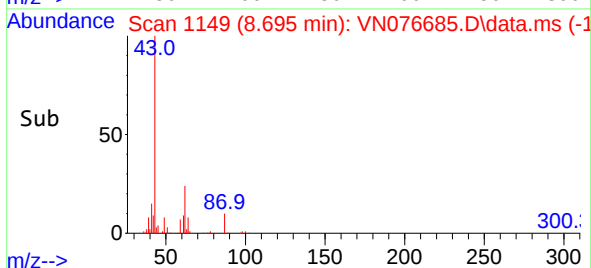
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

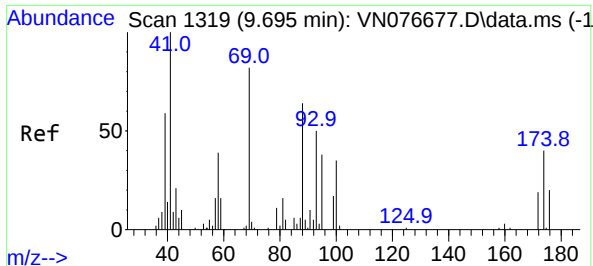


#44
Isopropyl Acetate
Concen: 22.627 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



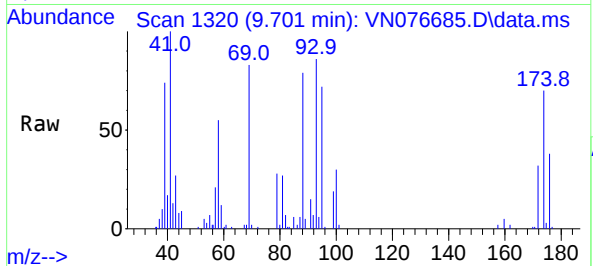
Tgt Ion: 43 Resp: 229338
Ion Ratio Lower Upper
43 100
61 24.6 19.5 29.3





#45
1,4-Dioxane
Concen: 465.297 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

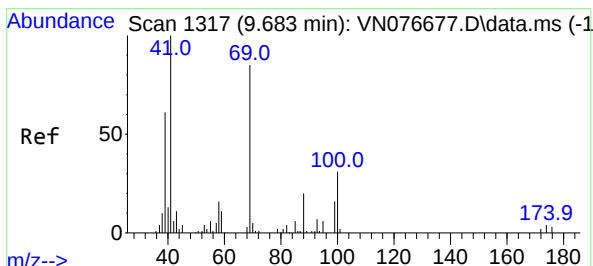
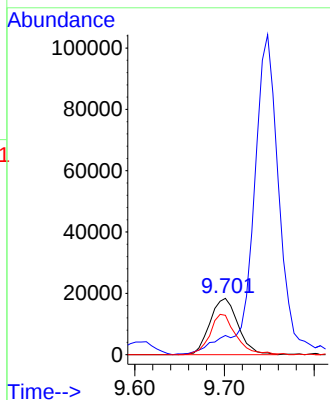
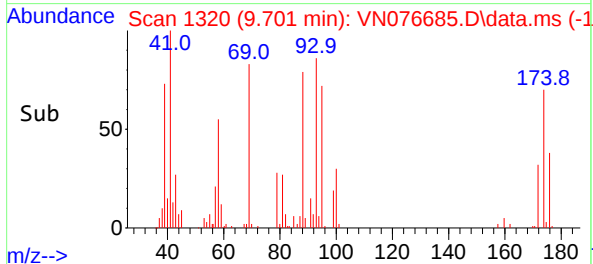
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



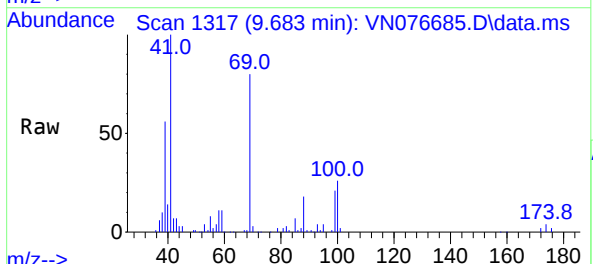
Tgt Ion: 88 Resp: 3991
Ion Ratio Lower Upper
88 100
43 27.3 26.0 39.0
58 66.6 54.3 81.5

Manual Integrations
APPROVED

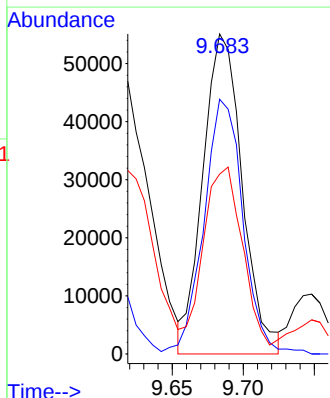
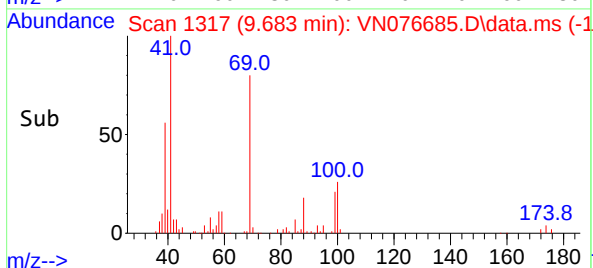
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

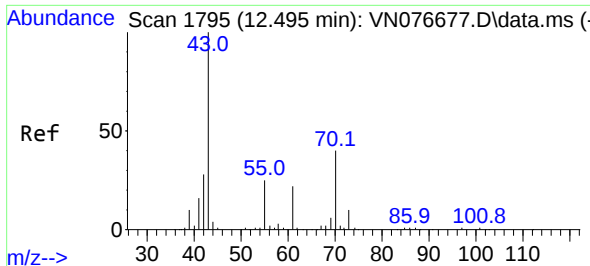


#46
Methyl methacrylate
Concen: 22.826 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



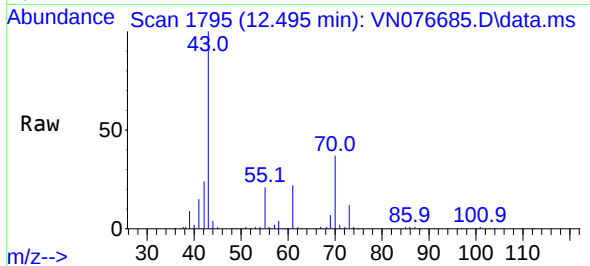
Tgt Ion: 41 Resp: 106203
Ion Ratio Lower Upper
41 100
69 83.8 40.6 121.7
39 55.4 30.5 91.5





#47
n-amyl acetate
Concen: 22.057 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

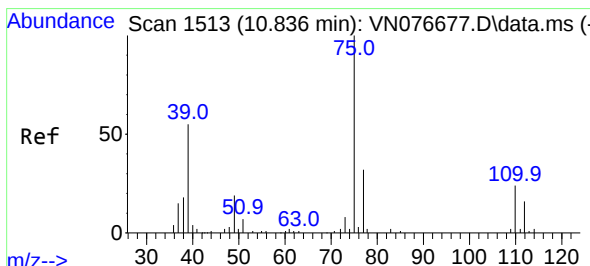
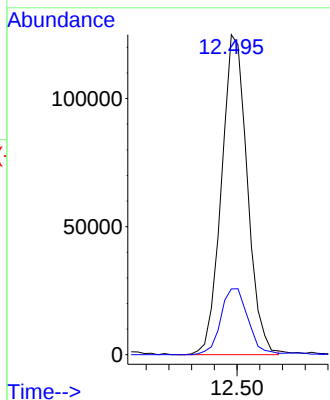
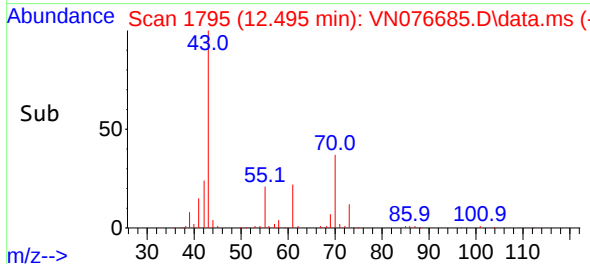
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



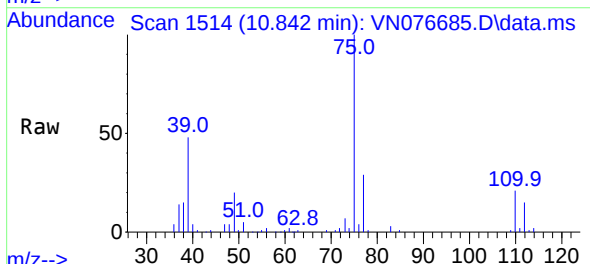
Tgt Ion: 43 Resp: 19742
Ion Ratio Lower Upper
43 100
55 21.8 18.3 27.5

Manual Integrations
APPROVED

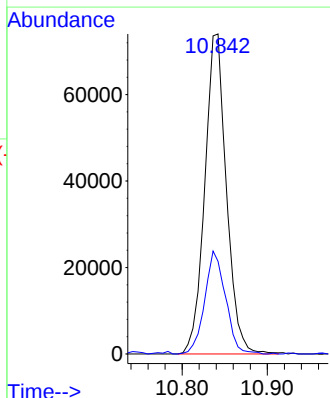
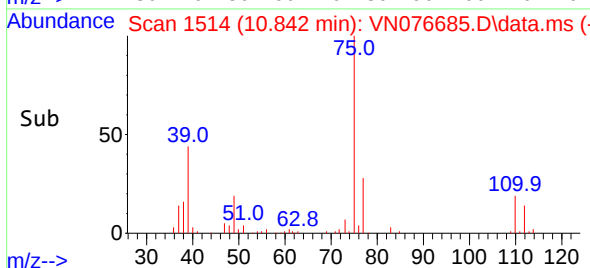
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

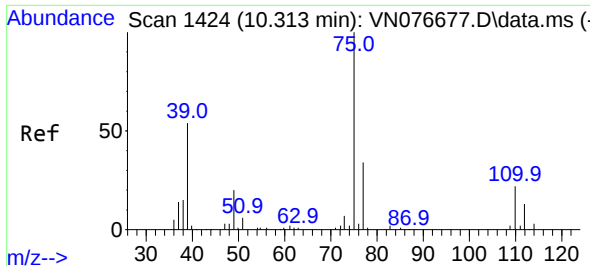


#48
t-1,3-Dichloropropene
Concen: 21.941 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



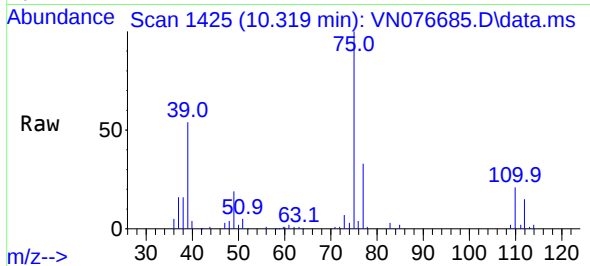
Tgt Ion: 75 Resp: 130870
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 20.639 ug/l
RT: 10.319 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

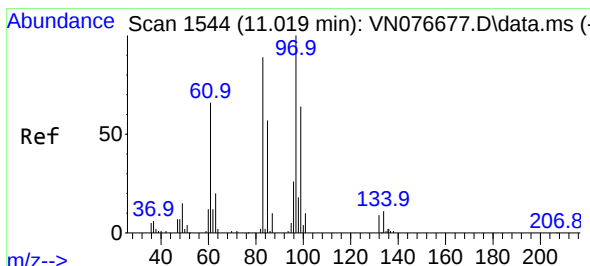
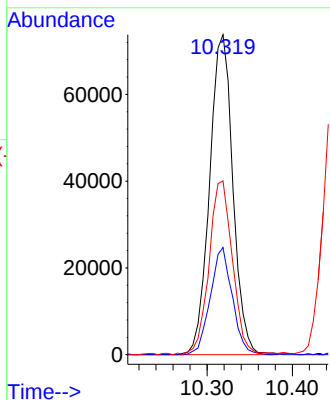
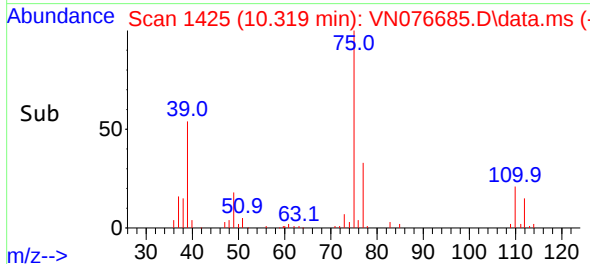
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion: 75 Resp: 14011
Ion Ratio Lower Upper
75 100
77 33.5 27.5 41.3
39 53.9 43.5 65.3

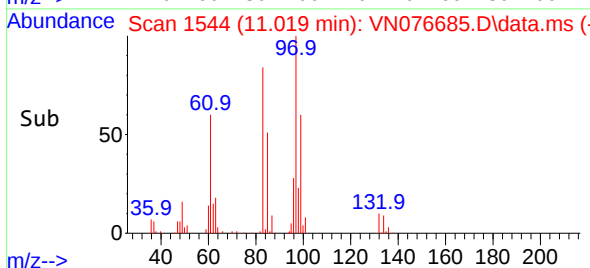
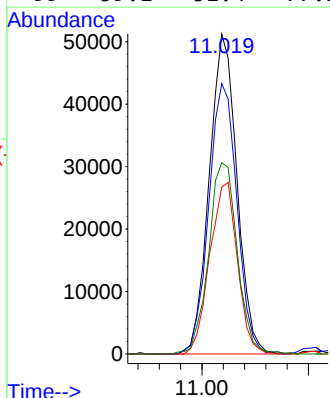
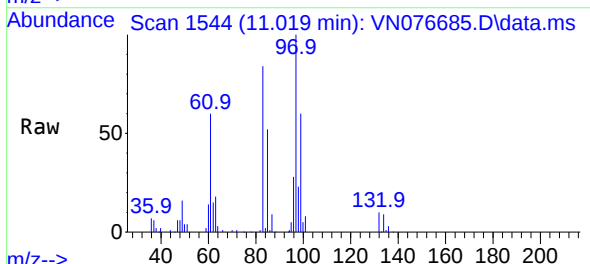
Manual Integrations
APPROVED

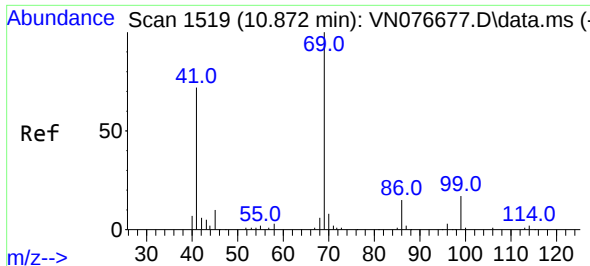
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
1,1,2-Trichloroethane
Concen: 21.611 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

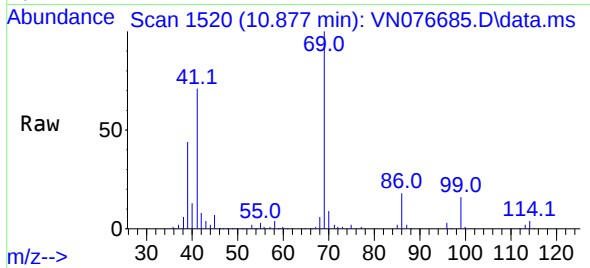
Tgt Ion: 97 Resp: 92102
Ion Ratio Lower Upper
97 100
83 84.5 71.0 106.4
85 52.2 45.5 68.3
99 59.1 51.4 77.2





#51
Ethyl methacrylate
Concen: 22.236 ug/l
RT: 10.877 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

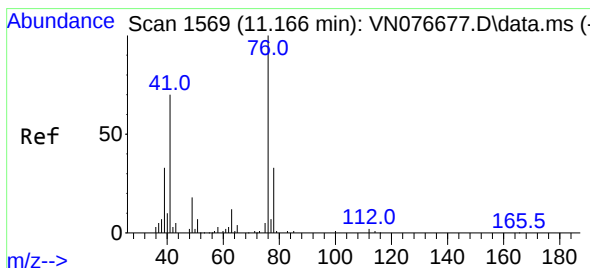
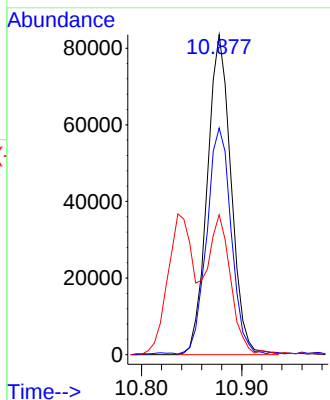
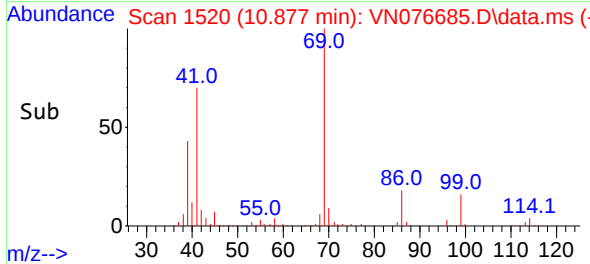
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



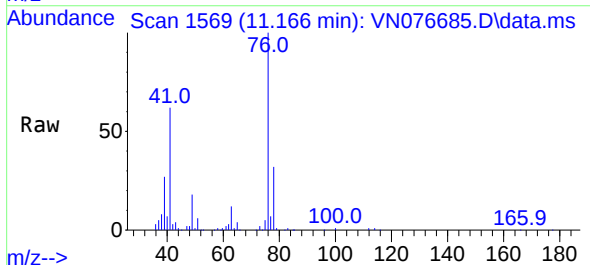
Tgt Ion: 69 Resp: 13759
Ion Ratio Lower Upper
69 100
41 70.7 36.3 108.7
39 43.4 19.9 59.7

Manual Integrations
APPROVED

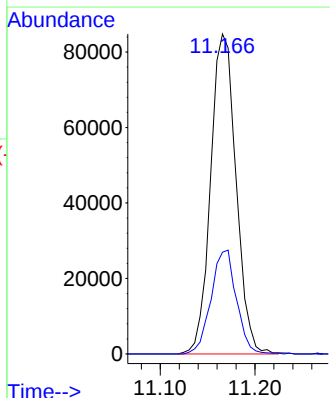
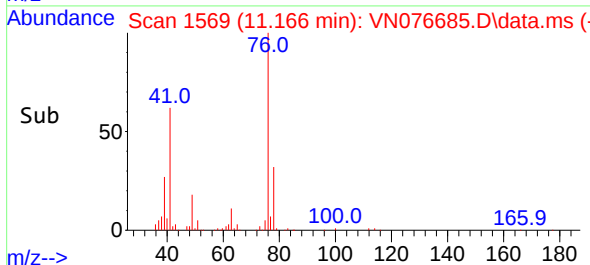
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

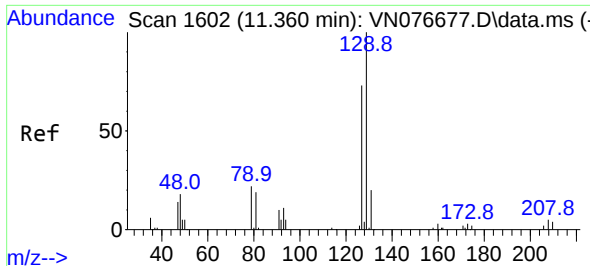


#52
1,3-Dichloropropane
Concen: 21.574 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 76 Resp: 158076
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





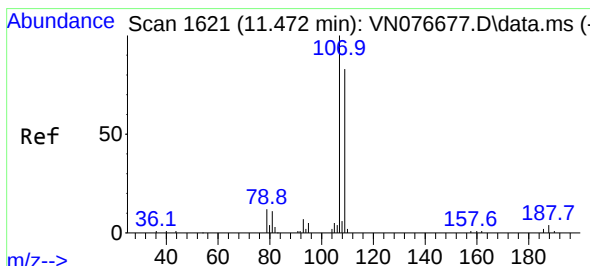
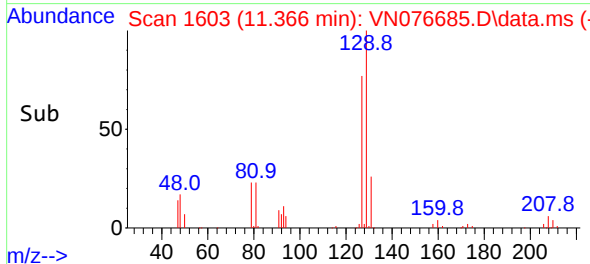
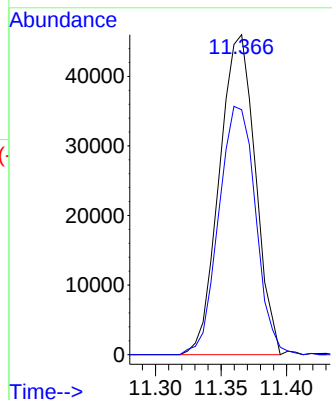
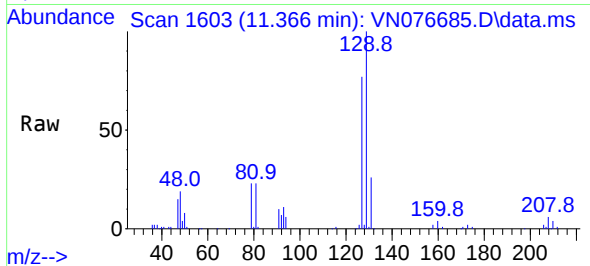
#53
Dibromochloromethane
Concen: 20.071 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:129 Resp: 8786
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1

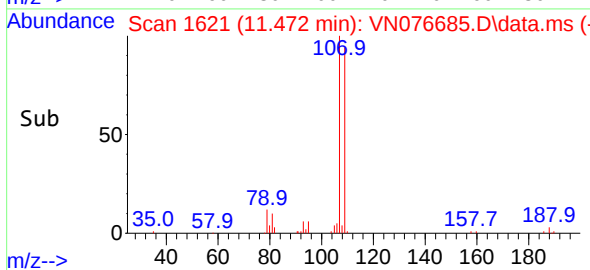
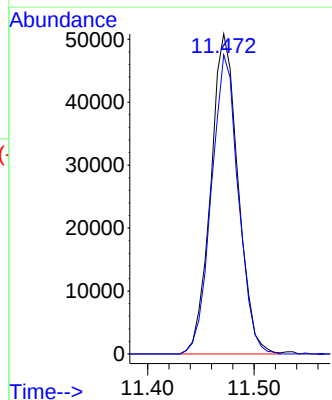
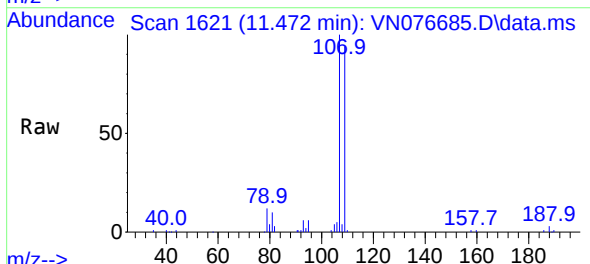
Manual Integrations
APPROVED

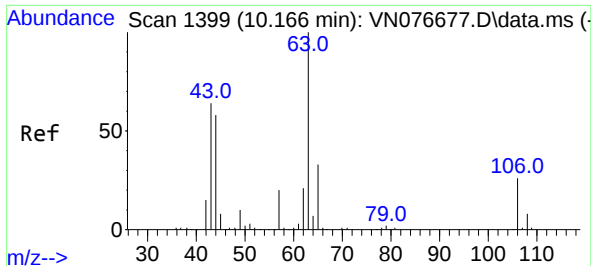
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
1,2-Dibromoethane
Concen: 21.799 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

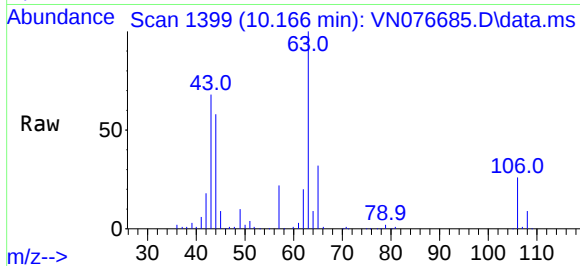
Tgt Ion:107 Resp: 90441
Ion Ratio Lower Upper
107 100
109 92.3 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 96.397 ug/l
RT: 10.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

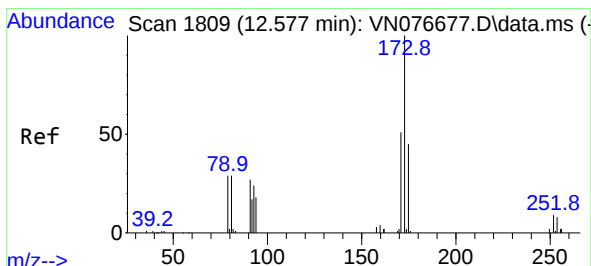
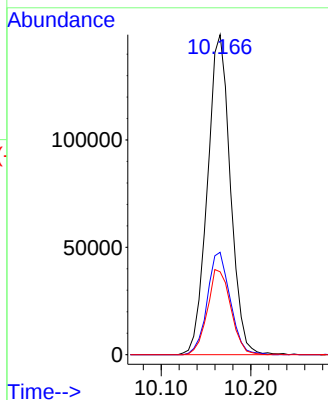
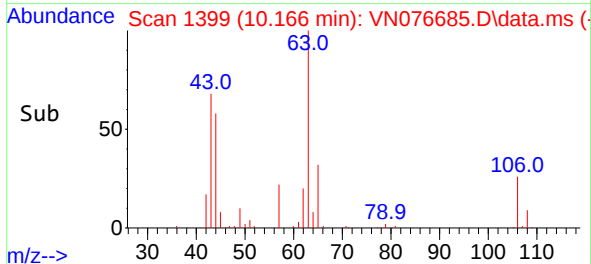
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion: 63 Resp: 264428
Ion Ratio Lower Upper
63 100
65 32.0 26.3 39.5
106 27.1 21.6 32.4

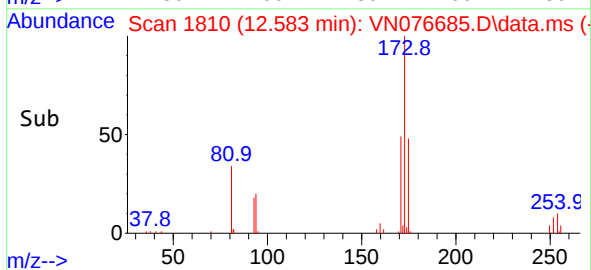
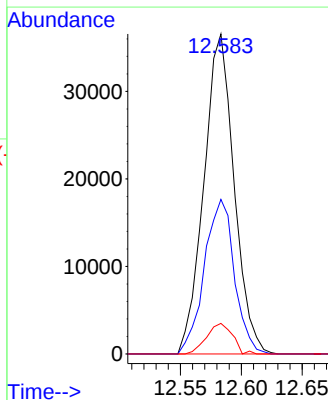
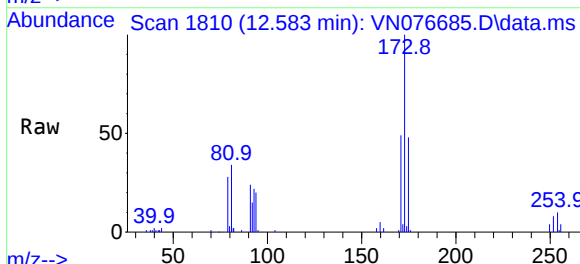
Manual Integrations
APPROVED

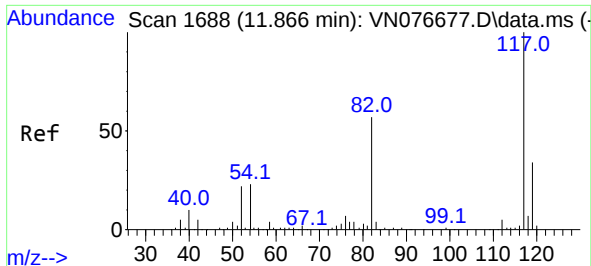
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 20.989 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

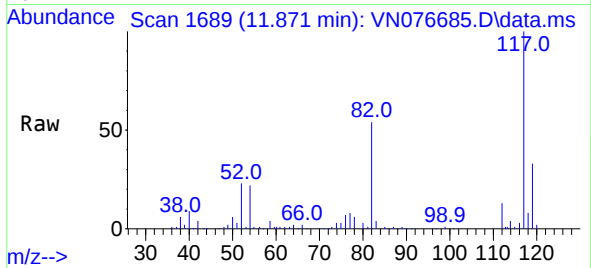
Tgt Ion:173 Resp: 63283
Ion Ratio Lower Upper
173 100
175 47.9 37.8 56.6
254 8.0 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

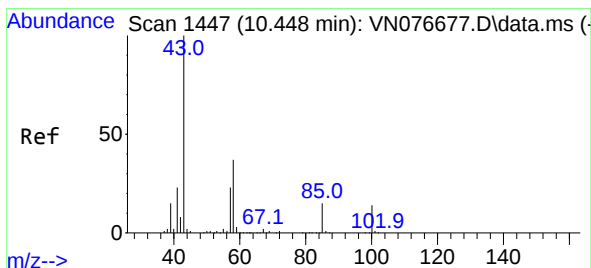
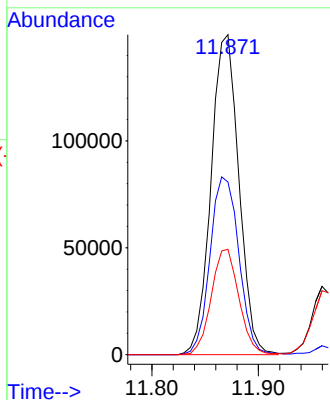
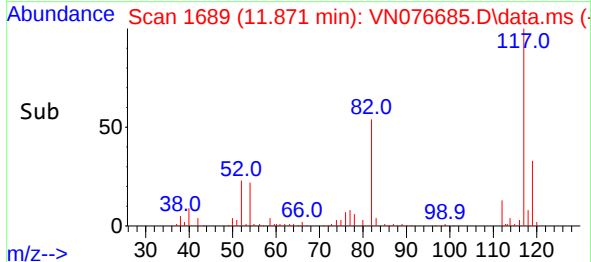
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion:117 Resp: 271572
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 32.9 26.8 40.2

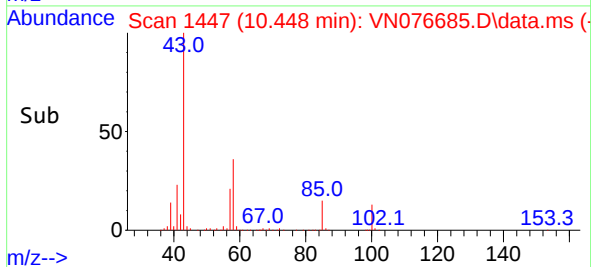
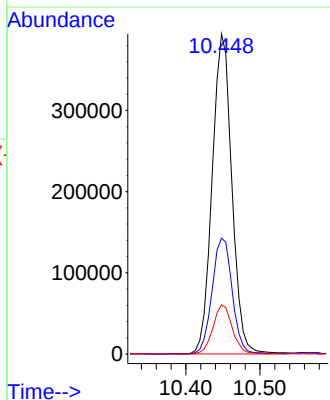
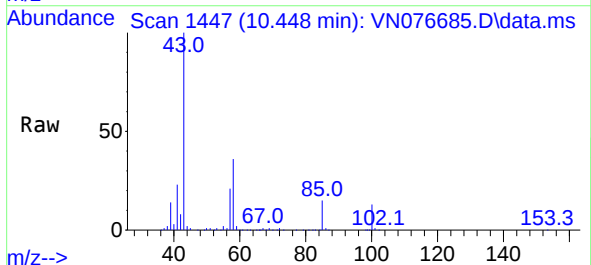
Manual Integrations
APPROVED

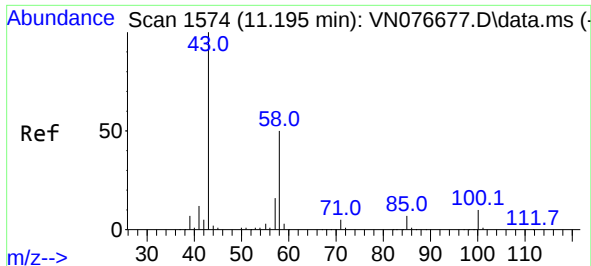
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
4-Methyl-2-Pentanone
Concen: 112.360 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

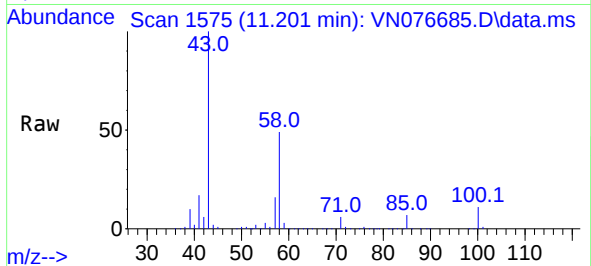
Tgt Ion: 43 Resp: 725733
Ion Ratio Lower Upper
43 100
58 37.1 28.6 42.8
85 15.1 11.8 17.8





#59
2-Hexanone
Concen: 111.478 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

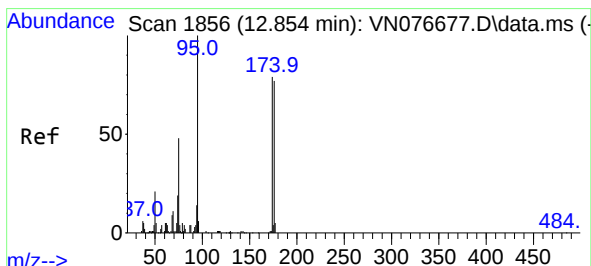
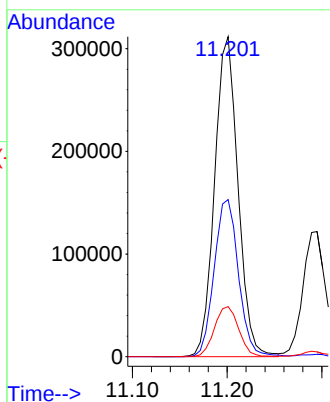
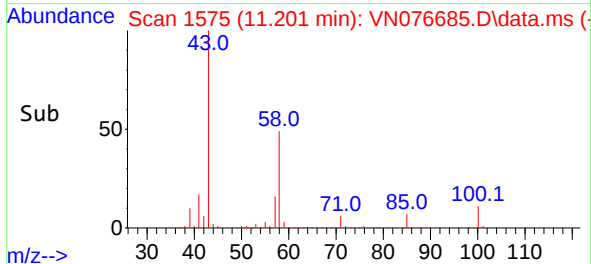
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion: 43 Resp: 535580
Ion Ratio Lower Upper
43 100
58 51.0 40.6 60.8
57 16.3 13.1 19.7

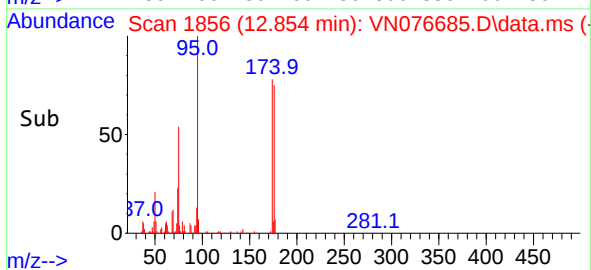
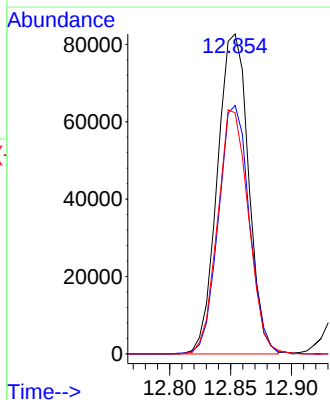
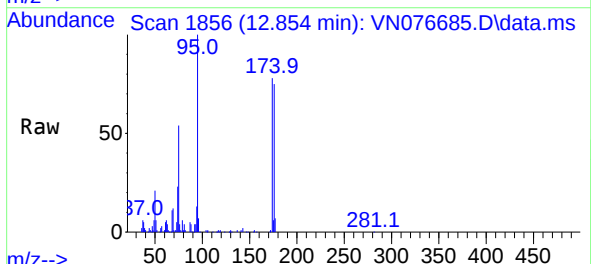
Manual Integrations
APPROVED

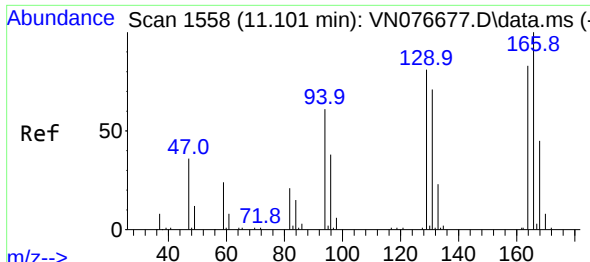
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
4-Bromofluorobenzene
Concen: 30.652 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

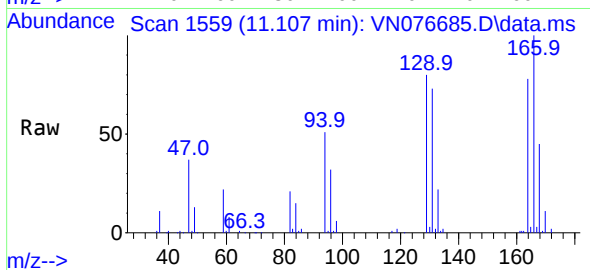
Tgt Ion: 95 Resp: 147237
Ion Ratio Lower Upper
95 100
174 77.0 64.2 96.4
176 75.8 61.4 92.0





#61
Tetrachloroethene
Concen: 19.705 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

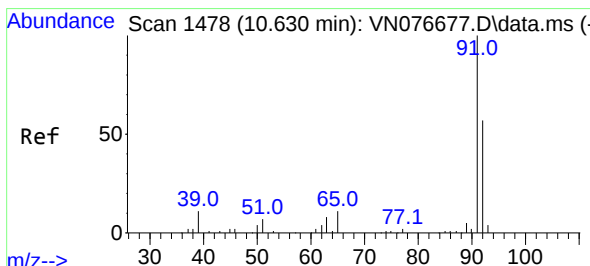
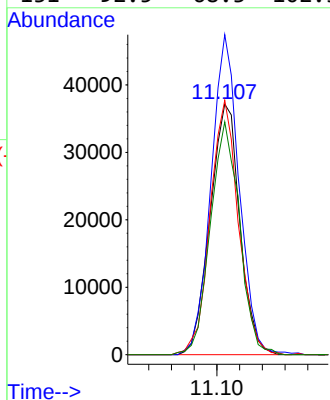
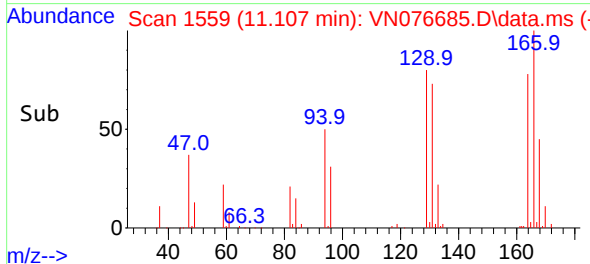
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



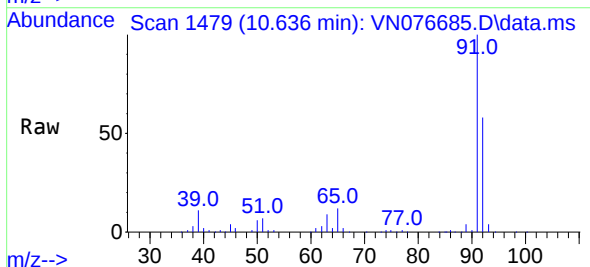
Tgt Ion:164 Resp: 67570
Ion Ratio Lower Upper
164 100
166 127.7 96.2 144.2
129 100.8 78.2 117.4
131 92.5 68.3 102.5

Manual Integrations
APPROVED

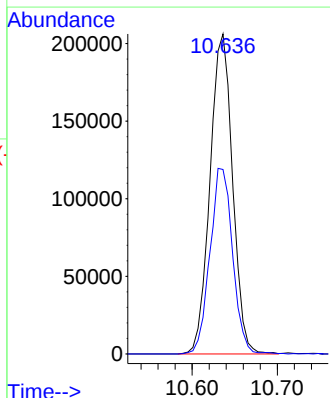
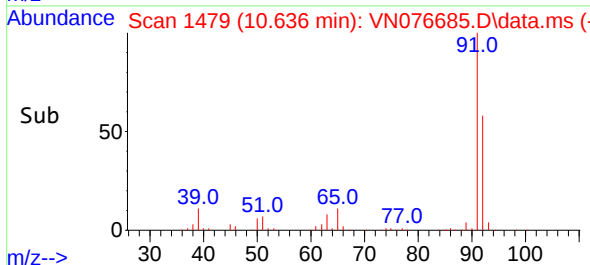
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

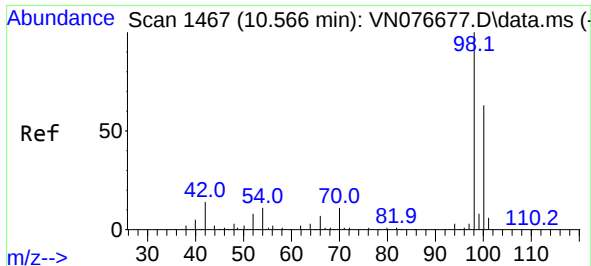


#62
Toluene
Concen: 20.026 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 91 Resp: 380070
Ion Ratio Lower Upper
91 100
92 58.2 46.3 69.5





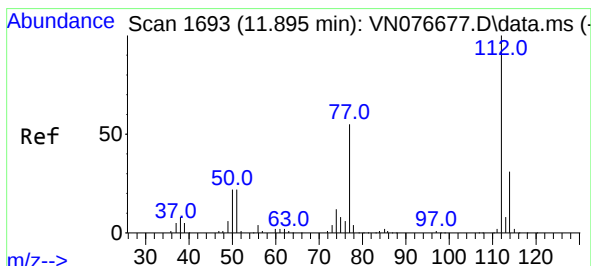
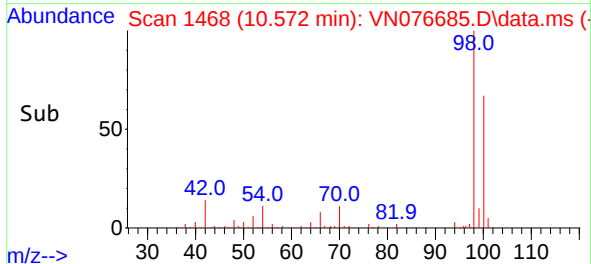
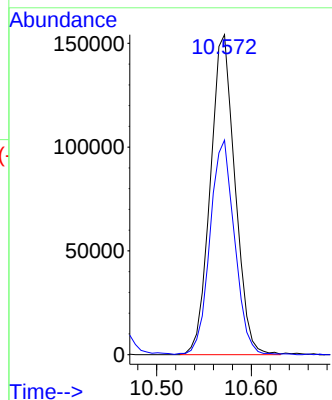
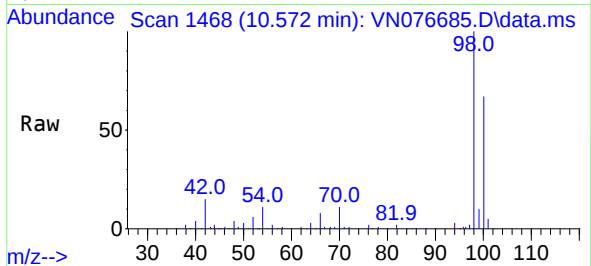
#63
Toluene-d8
Concen: 29.382 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 98 Resp: 27948
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

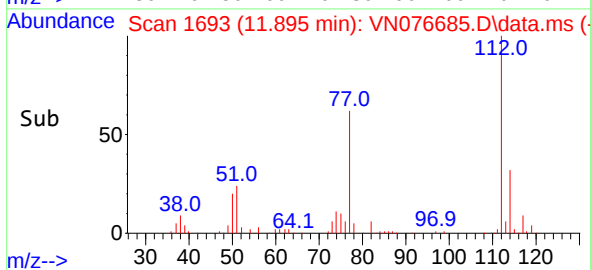
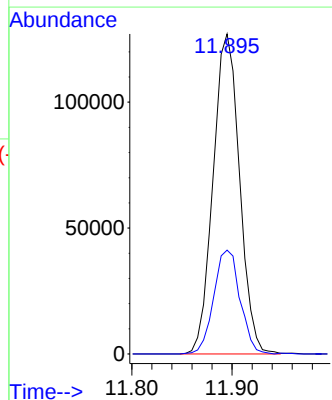
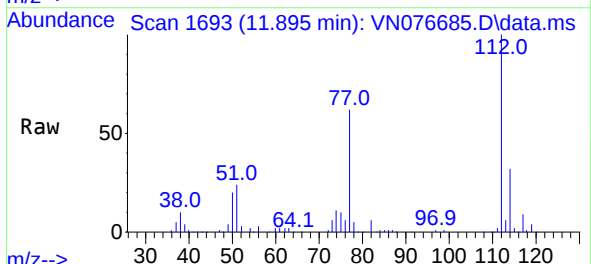
Manual Integrations
APPROVED

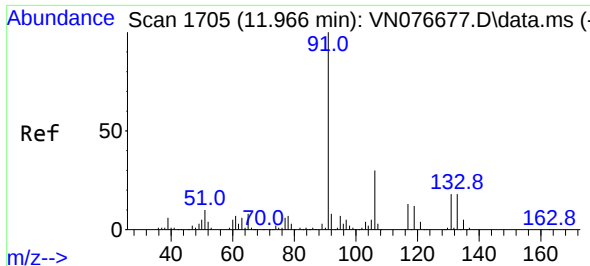
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Chlorobenzene
Concen: 20.555 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion:112 Resp: 232422
Ion Ratio Lower Upper
112 100
114 32.5 24.5 36.7





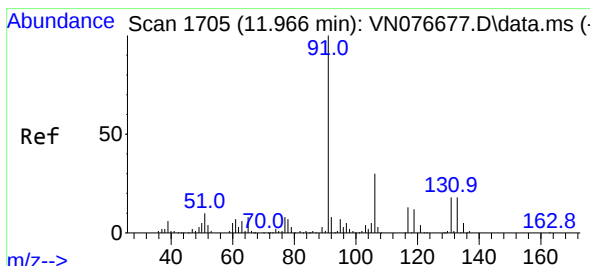
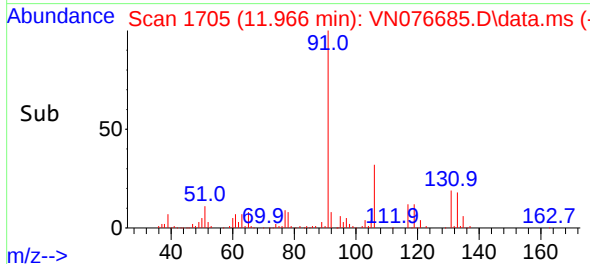
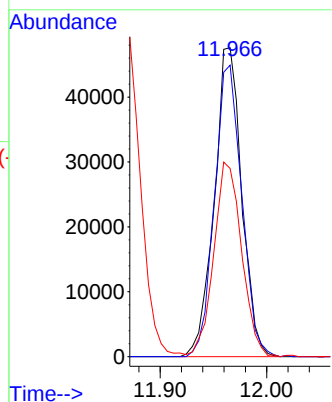
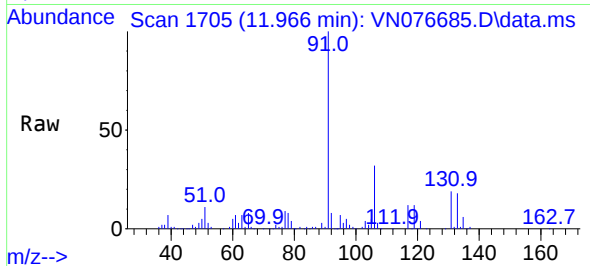
#65
1,1,1,2-Tetrachloroethane
Concen: 20.514 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:131 Resp: 85032
Ion Ratio Lower Upper
131 100
133 93.9 0.0 197.6
119 64.0 0.0 127.8

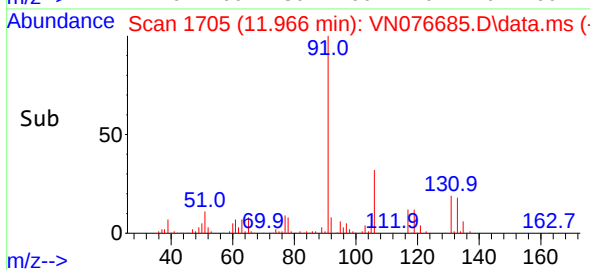
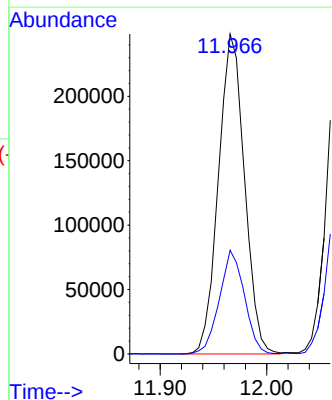
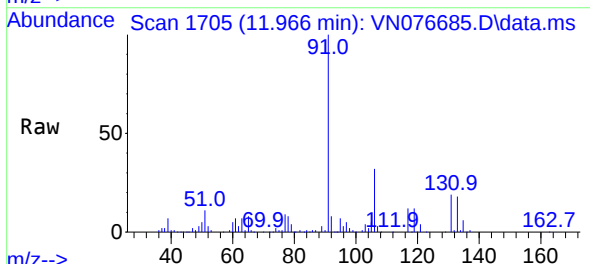
Manual Integrations
APPROVED

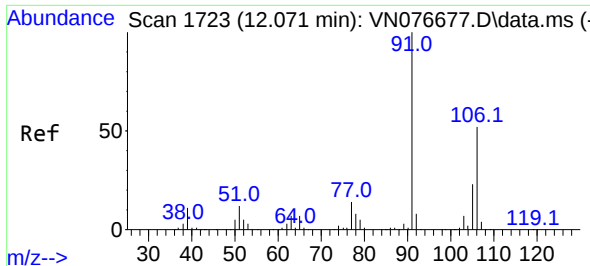
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 20.865 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion: 91 Resp: 420975
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.8





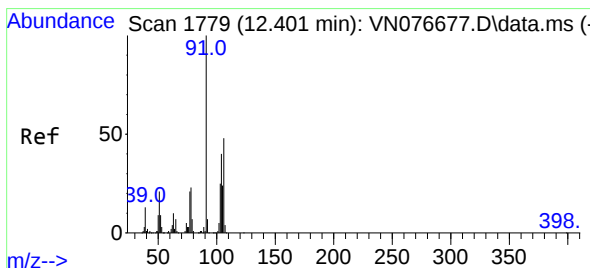
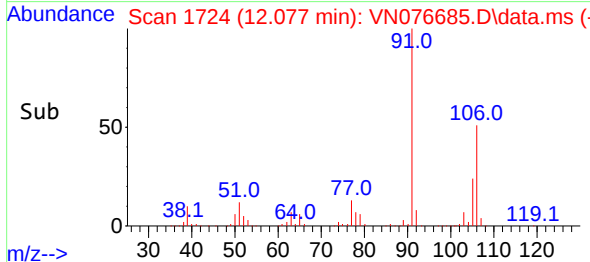
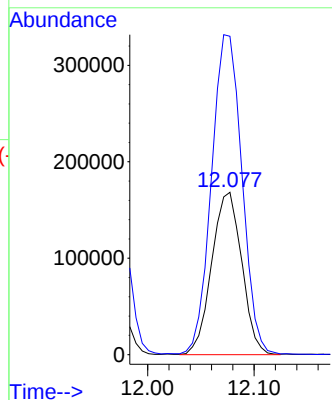
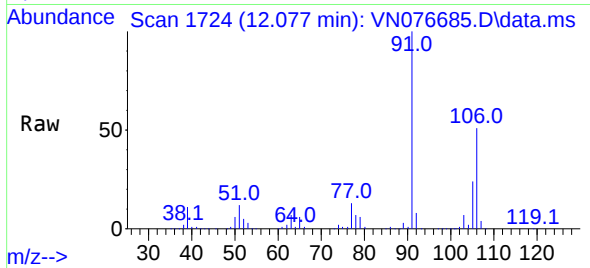
#67
m/p-Xylenes
Concen: 41.820 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:106 Resp: 329958
Ion Ratio Lower Upper
106 100
91 198.6 157.4 236.2

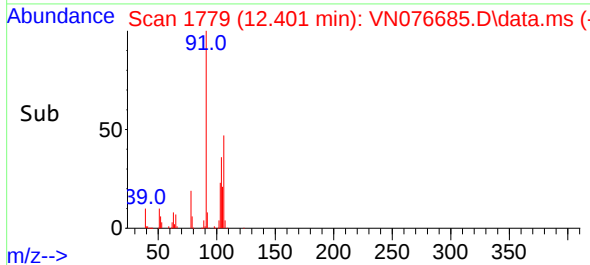
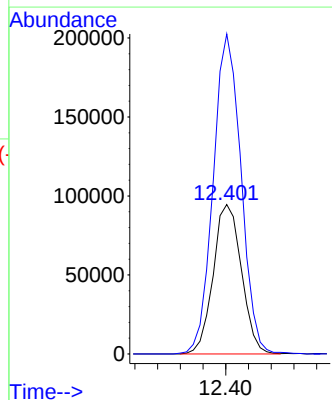
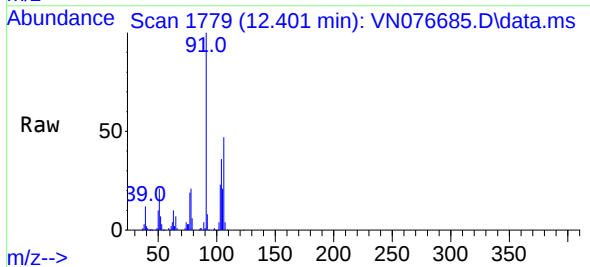
Manual Integrations
APPROVED

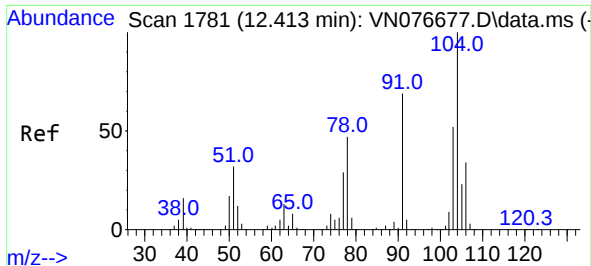
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 21.008 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion:106 Resp: 163343
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6





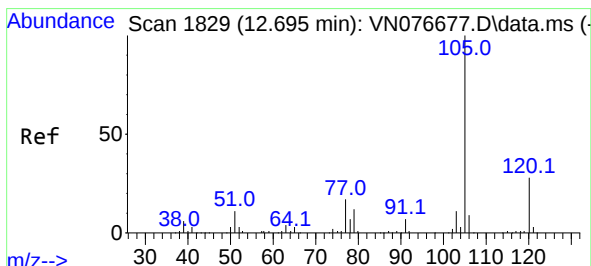
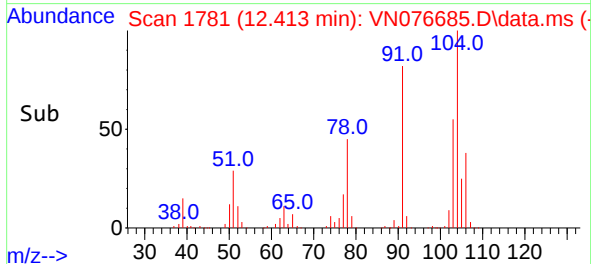
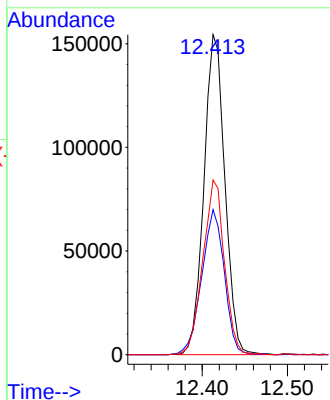
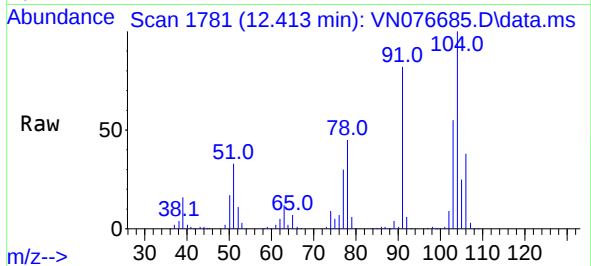
#69
Styrene
Concen: 21.177 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:104 Resp: 264340
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 56.3 43.9 65.9

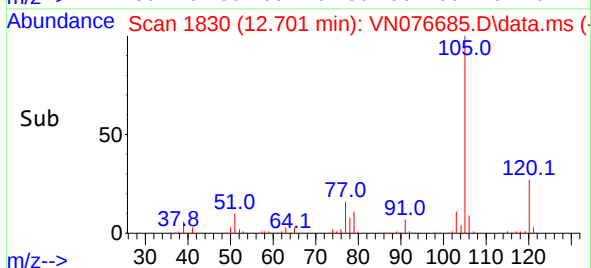
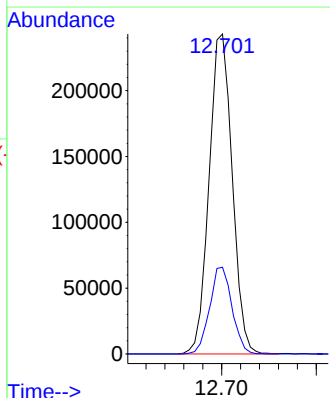
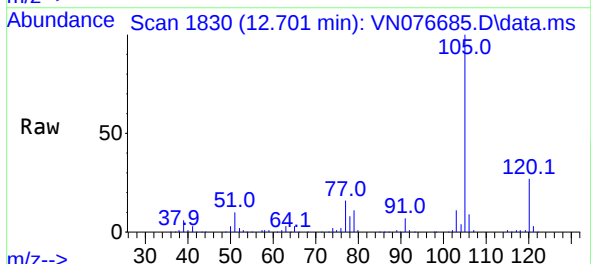
Manual Integrations
APPROVED

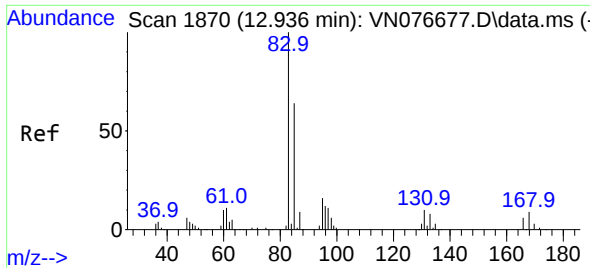
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Isopropylbenzene
Concen: 20.789 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

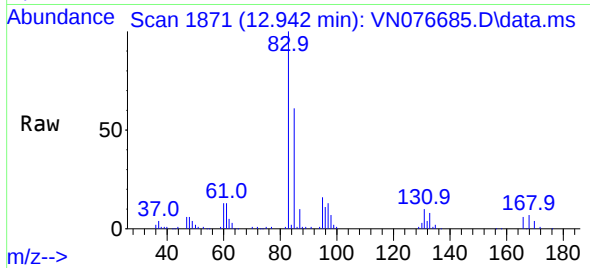
Tgt Ion:105 Resp: 412373
Ion Ratio Lower Upper
105 100
120 26.2 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 21.867 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

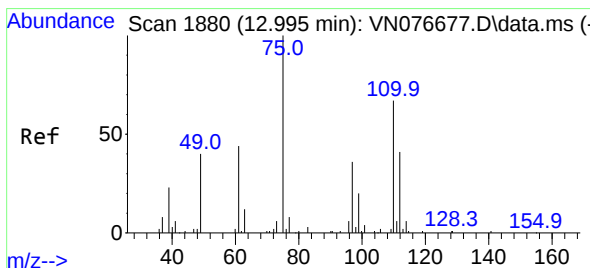
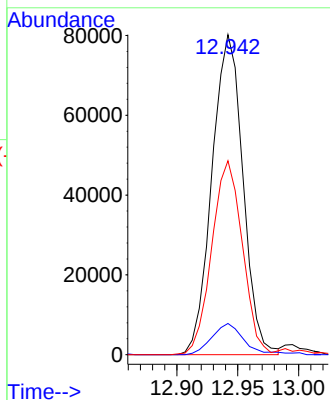
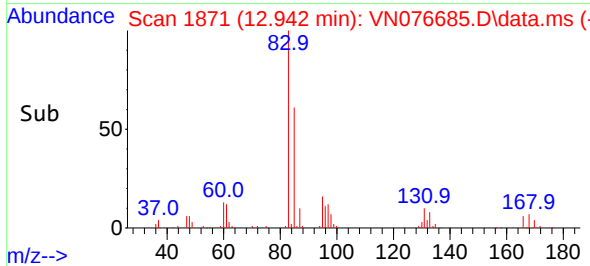
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



Tgt Ion: 83 Resp: 141900
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 59.8 32.3 96.9

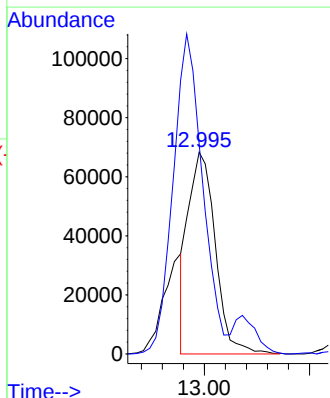
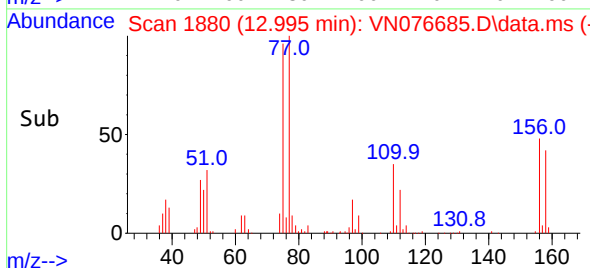
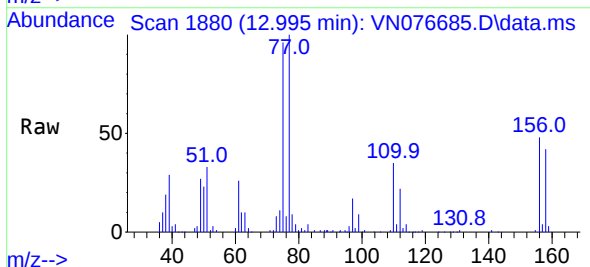
Manual Integrations
APPROVED

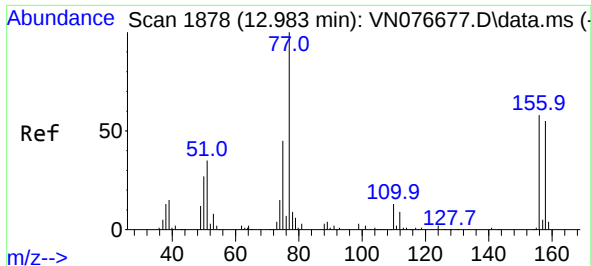
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
1,2,3-Trichloropropane
Concen: 21.347 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

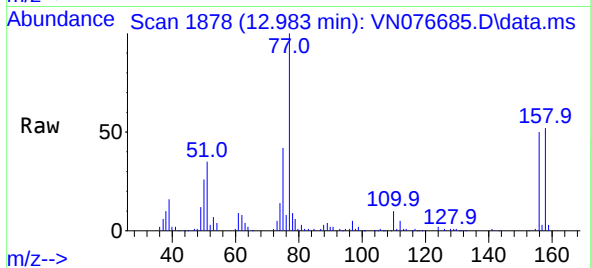
Tgt Ion: 75 Resp: 122033
Ion Ratio Lower Upper
75 100
77 172.0 0.0 332.6





#73
Bromobenzene
Concen: 20.678 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

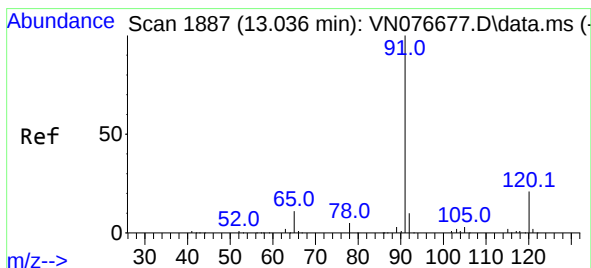
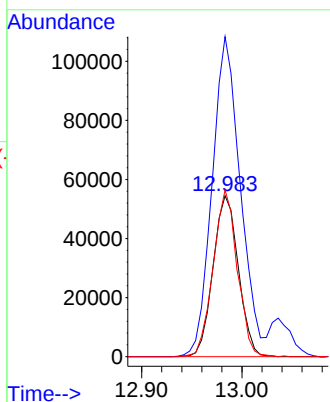
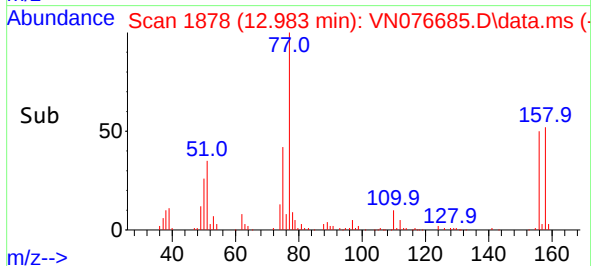
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



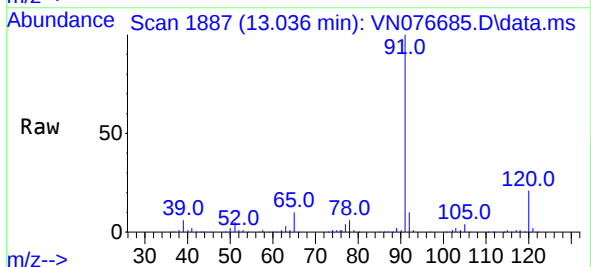
Tgt Ion:156 Resp: 95179
Ion Ratio Lower Upper
156 100
77 220.5 0.0 423.0
158 98.7 0.0 188.6

Manual Integrations
APPROVED

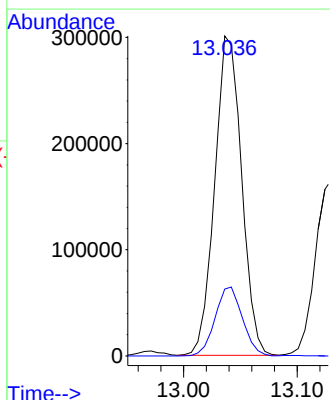
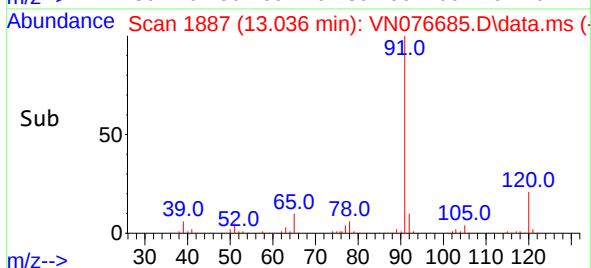
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

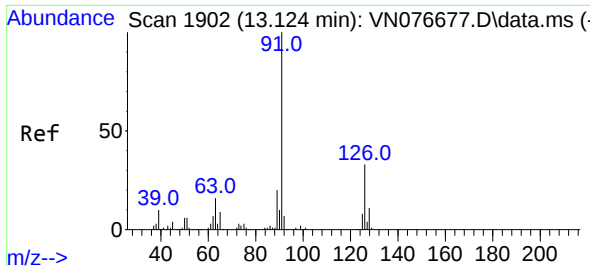


#74
n-propylbenzene
Concen: 20.945 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 91 Resp: 494833
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0





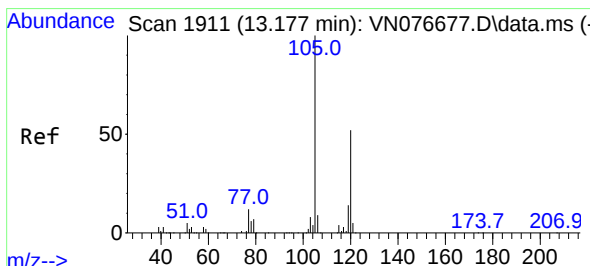
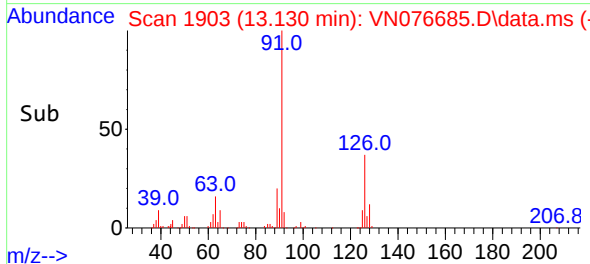
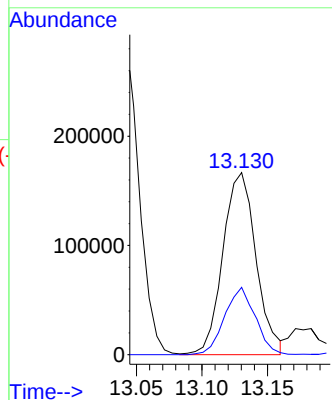
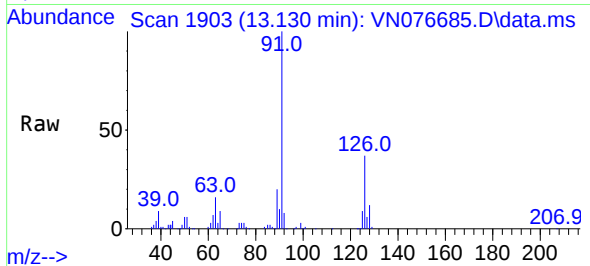
#75
2-Chlorotoluene
Concen: 20.861 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 91 Resp: 293264
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.4

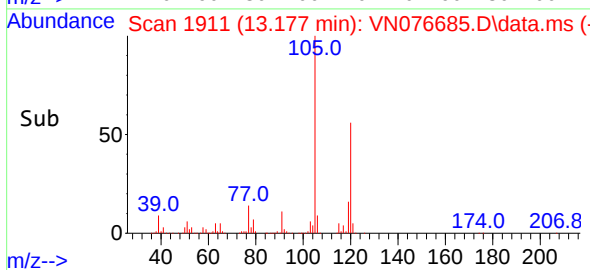
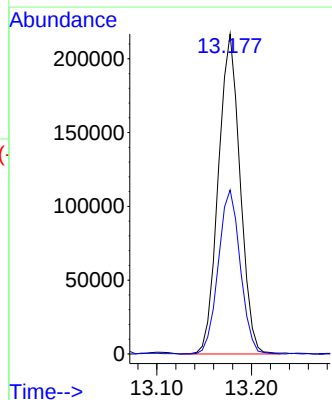
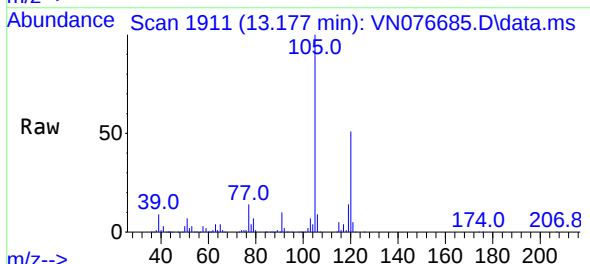
Manual Integrations
APPROVED

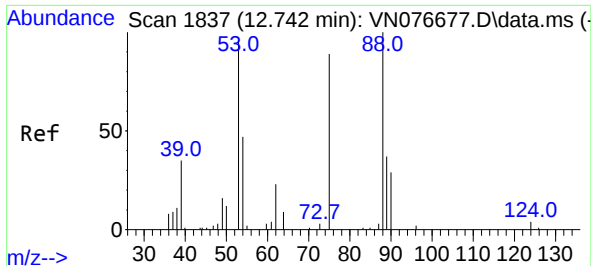
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.921 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

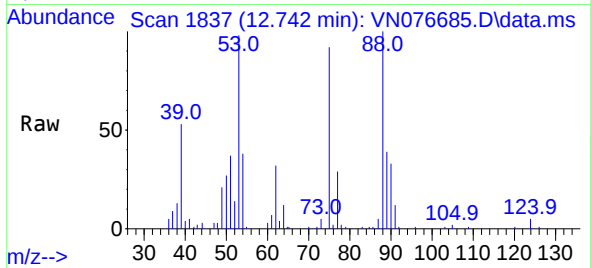
Tgt Ion:105 Resp: 346111
Ion Ratio Lower Upper
105 100
120 51.6 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.646 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

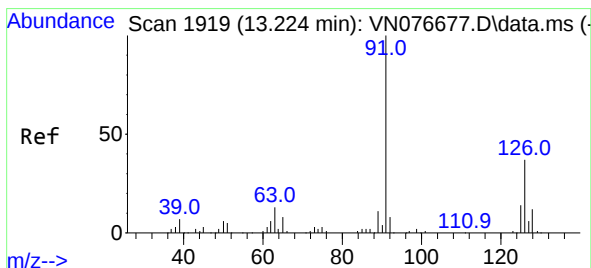
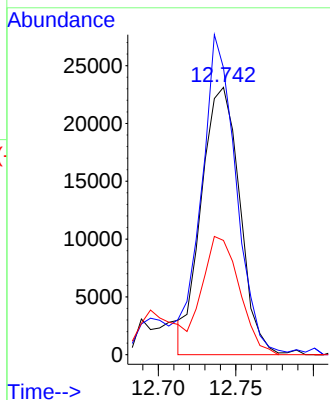
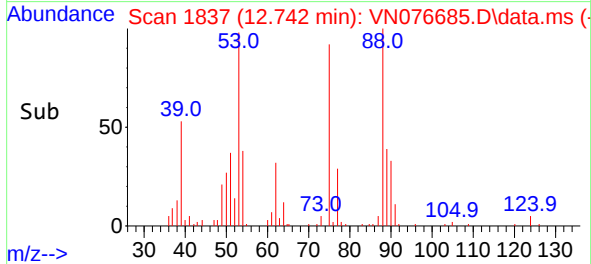
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



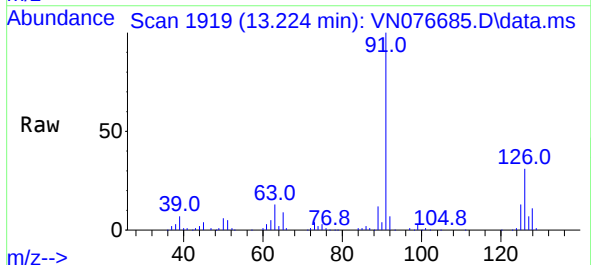
Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
53 106.3 50.4 151.3
89 43.0 22.1 66.5

Manual Integrations
APPROVED

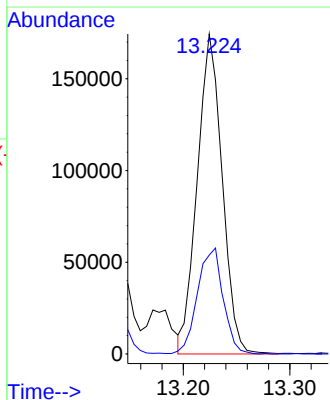
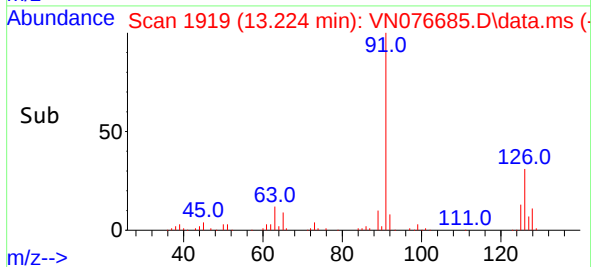
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

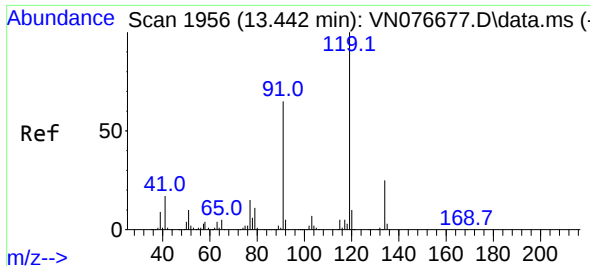


#78
4-Chlorotoluene
Concen: 21.091 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion: 91 Resp: 284249
Ion Ratio Lower Upper
91 100
126 34.0 0.0 70.6





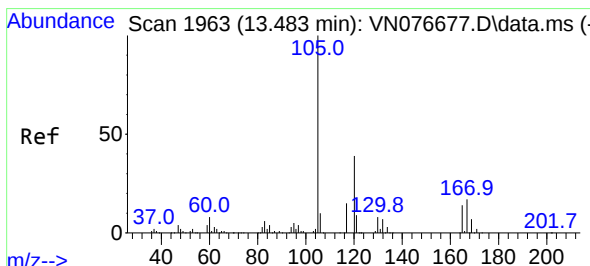
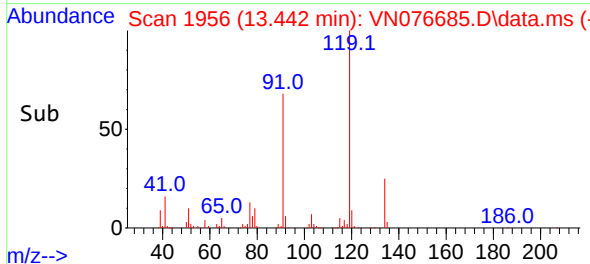
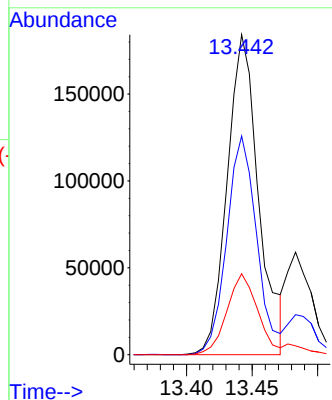
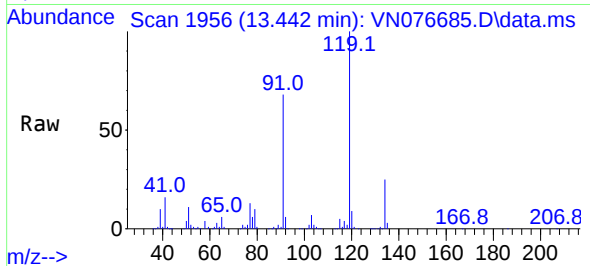
#79
tert-butylbenzene
Concen: 20.984 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion:119 Resp: 307364
Ion Ratio Lower Upper
119 100
91 65.2 0.0 129.6
134 24.7 0.0 47.8

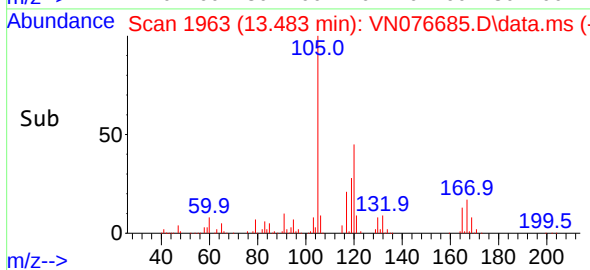
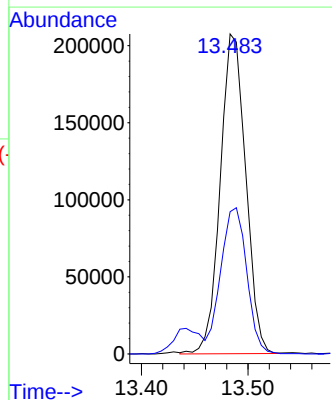
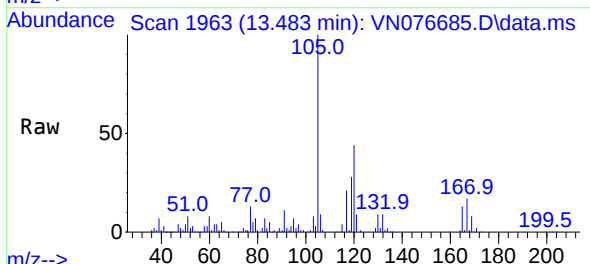
Manual Integrations
APPROVED

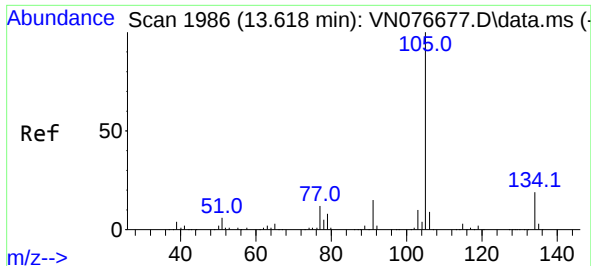
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.964 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

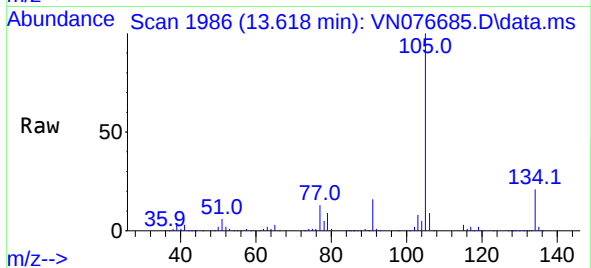
Tgt Ion:105 Resp: 344383
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 20.661 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076685.D
 Acq: 15 Feb 2023 14:40

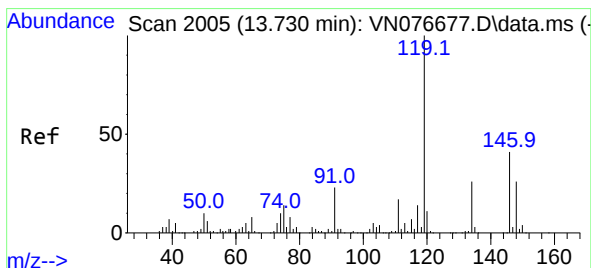
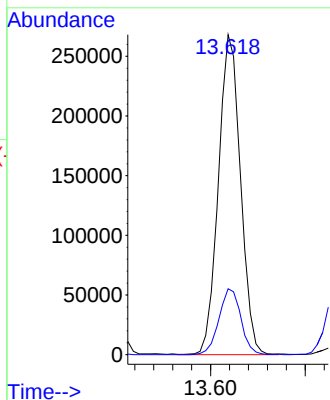
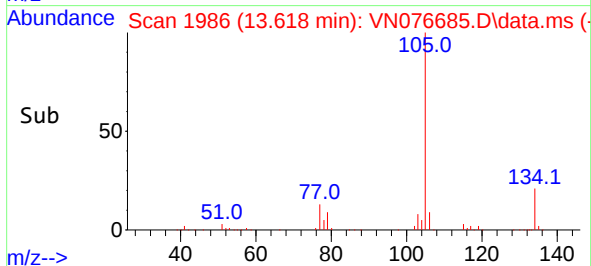
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBSD01



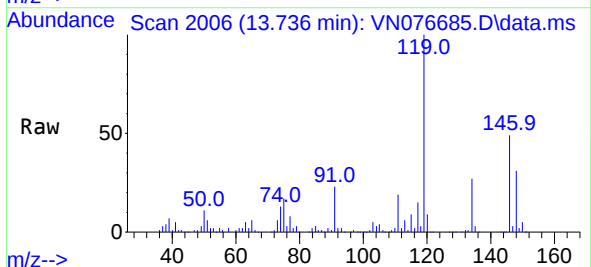
Tgt Ion:105 Resp: 43459
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

Manual Integrations
 APPROVED

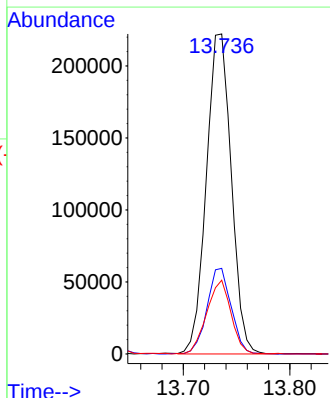
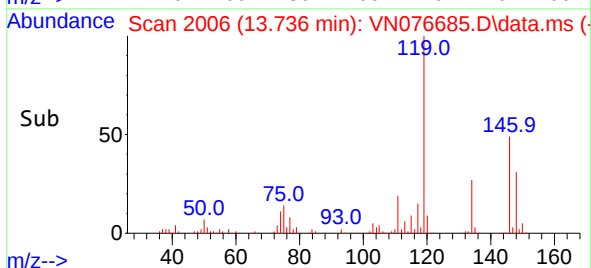
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

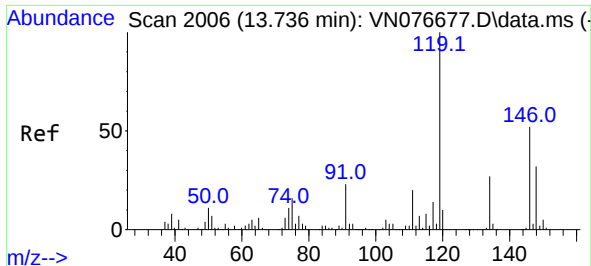


#82
 p-Isopropyltoluene
 Concen: 21.268 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076685.D
 Acq: 15 Feb 2023 14:40



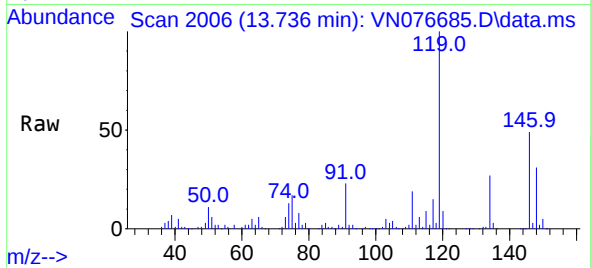
Tgt Ion:119 Resp: 362697
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.4
 91 22.4 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.752 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

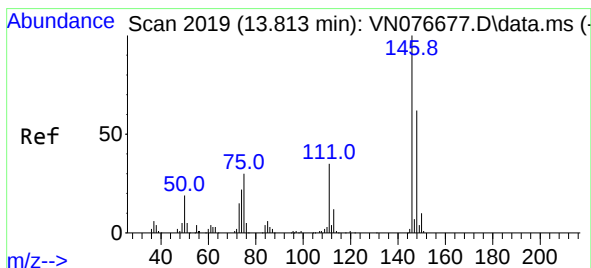
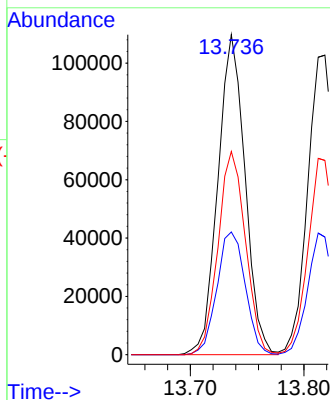
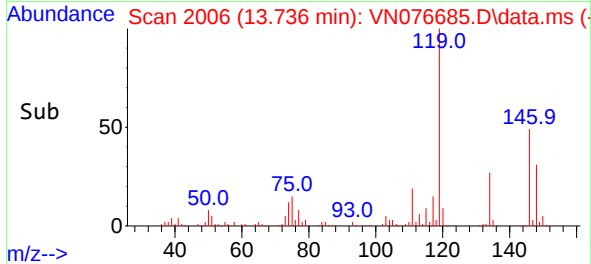
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



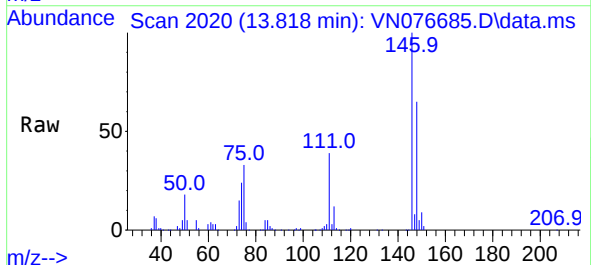
Tgt Ion:146 Resp: 182500
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 64.3 31.9 95.5

Manual Integrations
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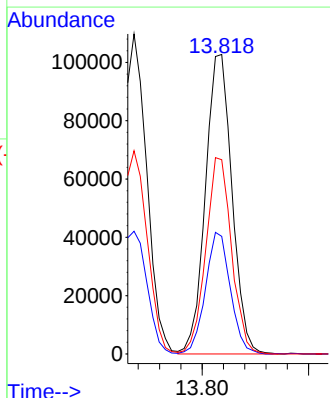
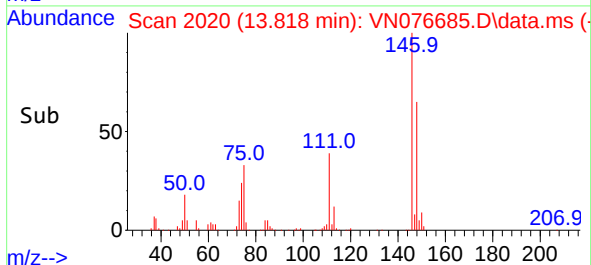
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

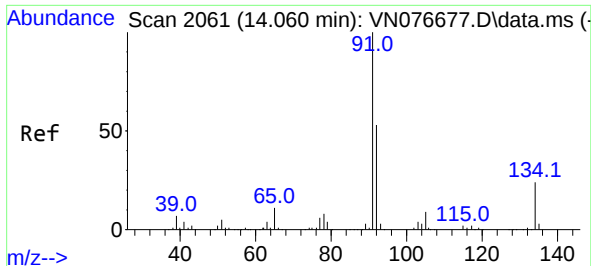


#84
1,4-Dichlorobenzene
Concen: 20.773 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion:146 Resp: 178191
Ion Ratio Lower Upper
146 100
111 38.0 18.2 54.6
148 63.6 31.1 93.2





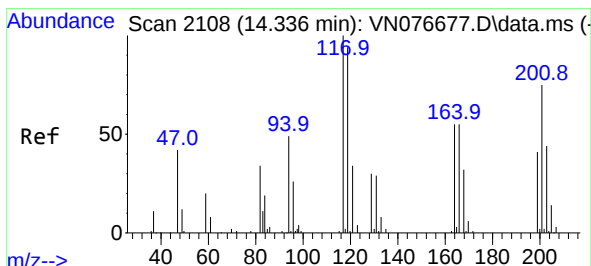
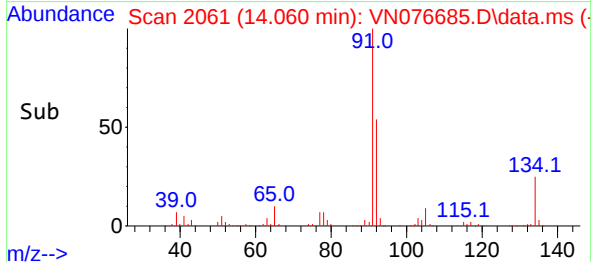
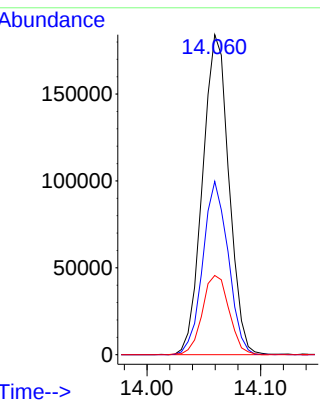
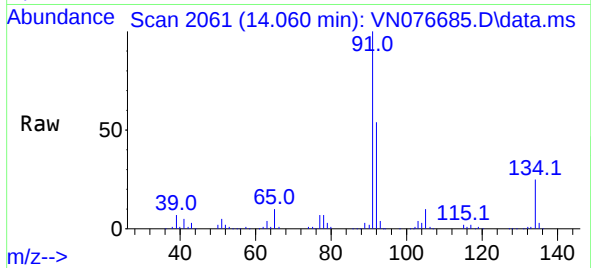
#85
n-Butylbenzene
Concen: 20.552 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01

Tgt Ion: 91 Resp: 297049
Ion Ratio Lower Upper
91 100
92 52.2 0.0 103.2
134 25.1 0.0 50.0

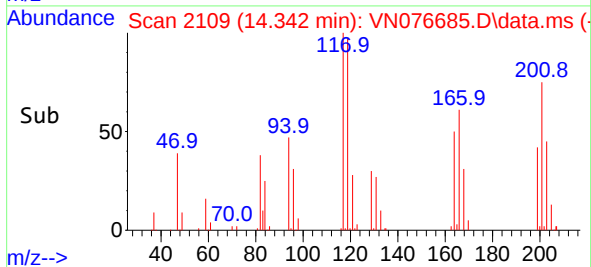
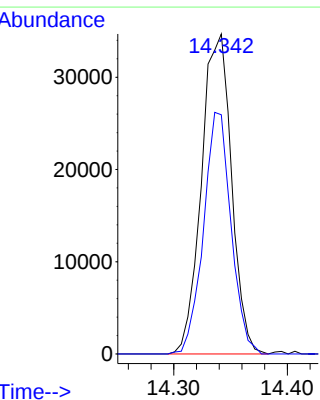
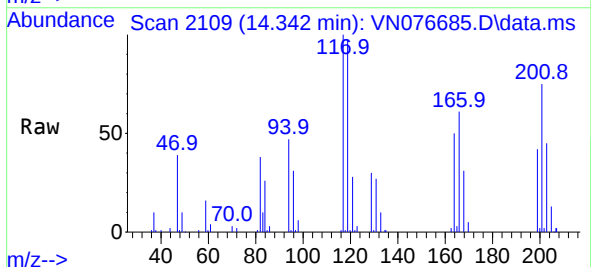
Manual Integrations
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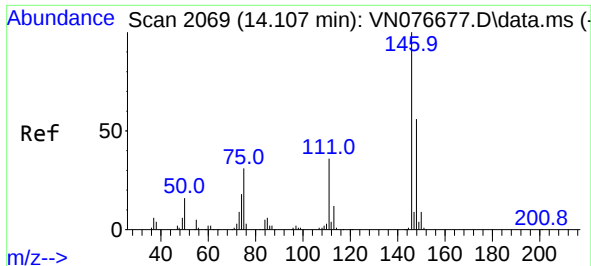
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 19.297 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

Tgt Ion:117 Resp: 63704
Ion Ratio Lower Upper
117 100
201 69.2 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 20.371 ug/l

RT: 14.113 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN076685.D

Acq: 15 Feb 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0215WBSD01

Tgt Ion:146 Resp: 18014

Ion Ratio Lower Upper

146 100

111 42.3 20.5 61.6

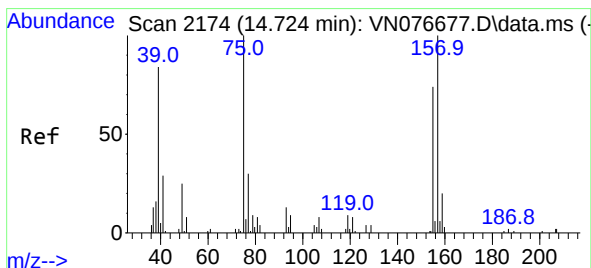
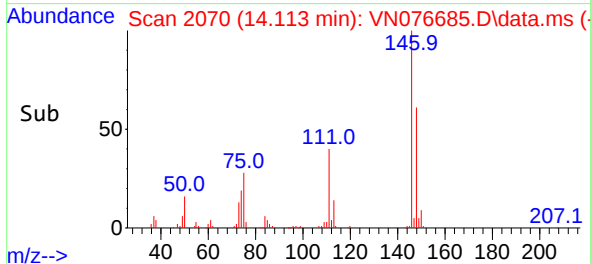
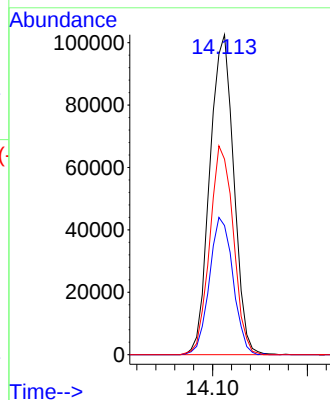
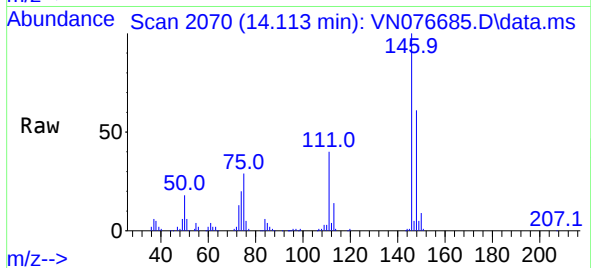
148 64.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.753 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN076685.D

Acq: 15 Feb 2023 14:40

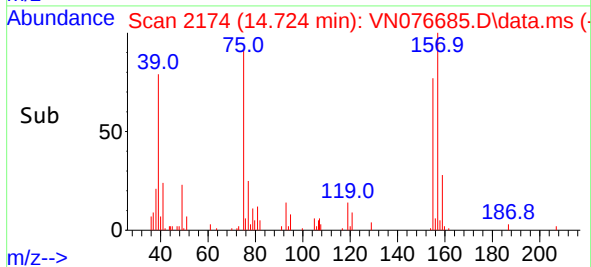
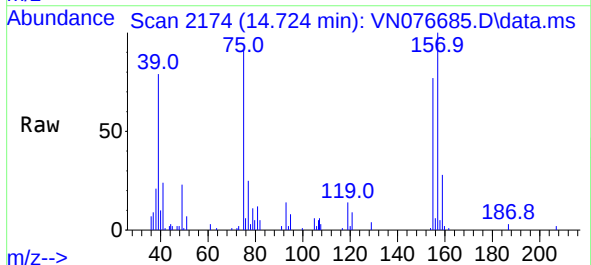
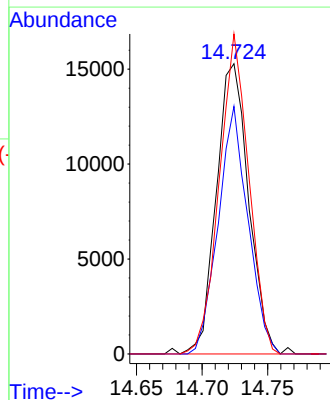
Tgt Ion: 75 Resp: 26168

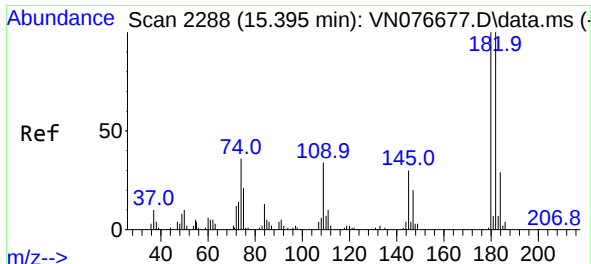
Ion Ratio Lower Upper

75 100

155 78.8 62.5 93.7

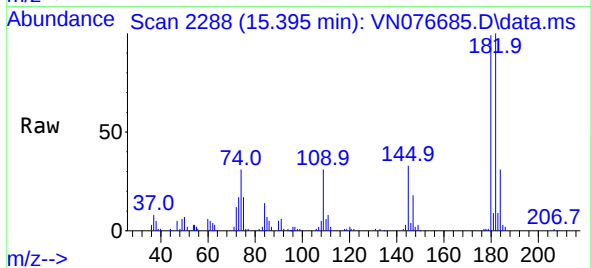
157 100.8 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 20.776 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

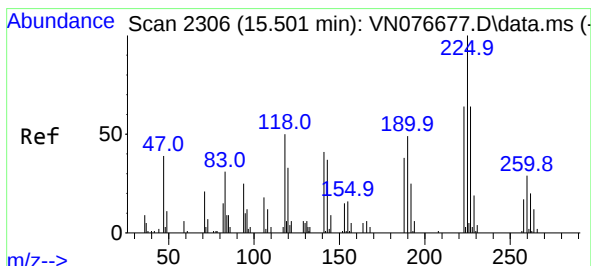
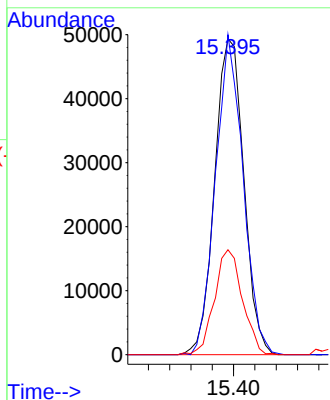
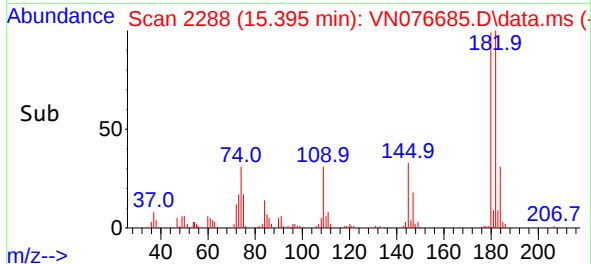
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



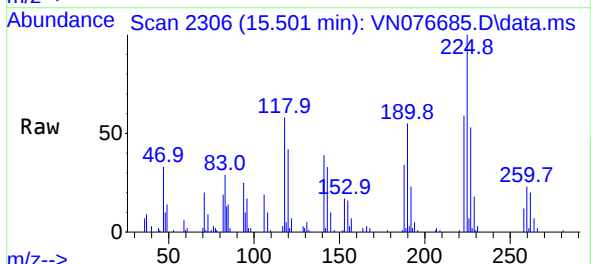
Tgt Ion:180 Resp: 93725
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 32.0 24.6 36.8

Manual Integrations
APPROVED

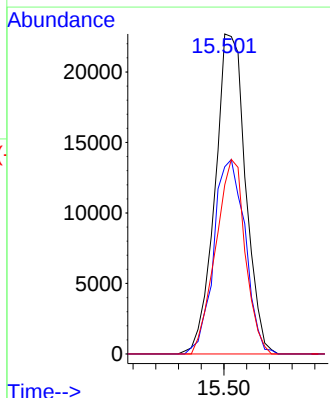
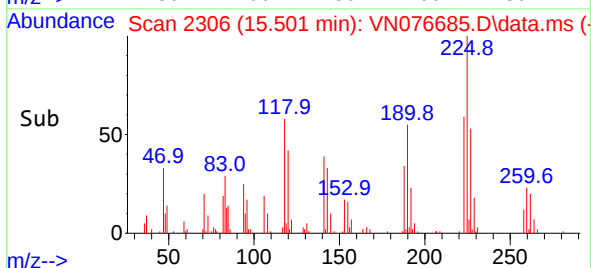
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

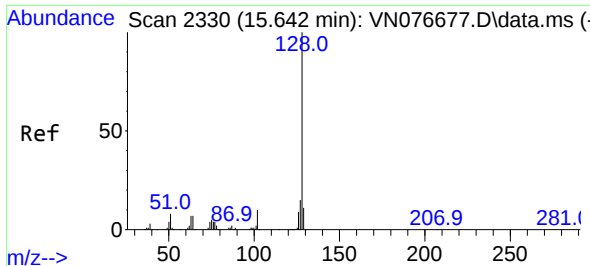


#90
Hexachlorobutadiene
Concen: 19.475 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



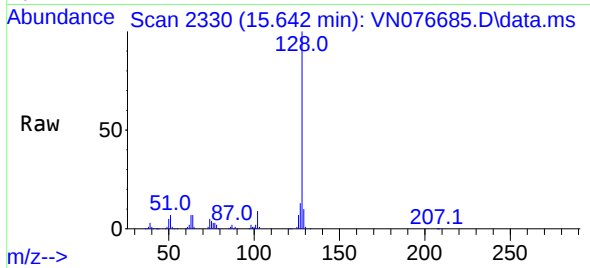
Tgt Ion:225 Resp: 42326
Ion Ratio Lower Upper
225 100
223 62.4 0.0 135.4
227 58.9 0.0 129.4





#91
Naphthalene
Concen: 21.989 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40

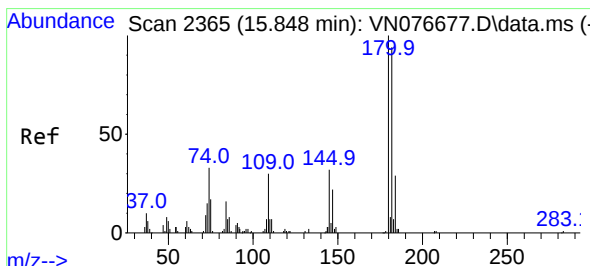
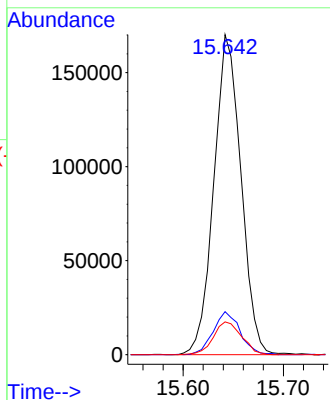
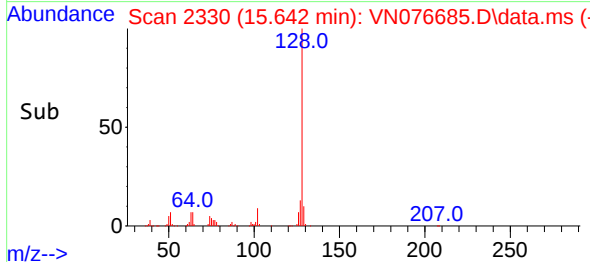
Instrument :
MSVOA_N
ClientSampleId :
VN0215WBSD01



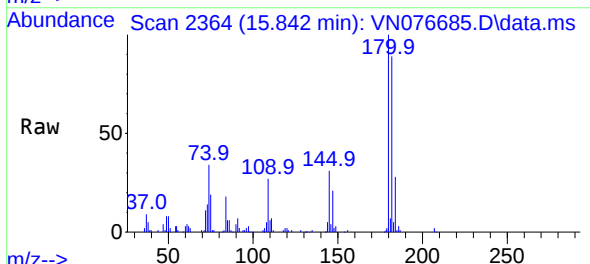
Tgt Ion:128 Resp: 318950
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.461 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076685.D
Acq: 15 Feb 2023 14:40



Tgt Ion:180 Resp: 93691
Ion Ratio Lower Upper
180 100
182 94.4 0.0 190.8
145 32.5 0.0 65.0

