

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076682.D
 Acq On : 15 Feb 2023 12:50
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 13:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 15 12:25:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	36091	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	256687	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	277547	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	99324	23.350	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	77.833%#		
60) 4-Bromofluorobenzene	12.848	95	143872	22.961	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	76.533%		
63) Toluene-d8	10.571	98	293153	28.766	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	36297	7.266	ug/l	93
3) Chloromethane	2.372	50	42048	7.001	ug/l	99
4) Vinyl Chloride	2.525	62	47045	8.970	ug/l	97
5) Bromomethane	2.972	94	39974	15.182	ug/l	97
6) Chloroethane	3.131	64	30664	10.150	ug/l	92
7) Trichlorofluoromethane	3.513	101	58307	6.547	ug/l	97
8) Diethyl Ether	3.978	74	23916	8.467	ug/l	53
9) 1,1,2-Trichlorotrifluo...	4.390	101	35376	8.252	ug/l	79
10) 1,1-Dichloroethene	4.354	96	32704	8.118	ug/l	92
11) Methyl Iodide	4.607	142	25009	4.273	ug/l	92
12) Methyl Acetate	5.048	43	66997	7.925	ug/l	99
13) Acrolein	4.201	56	42868m	39.591	ug/l	
14) Acrylonitrile	5.737	53	105535	42.611	ug/l	70
15) Acetone	4.442	58	35178	49.192	ug/l	95
16) Carbon Disulfide	4.725	76	88562	7.999	ug/l	99
17) Allyl chloride	5.042	41	55100	7.095	ug/l	93
18) Methylene Chloride	5.284	84	42146	8.841	ug/l	83
19) trans-1,2-Dichloroethene	5.807	96	37613	9.089	ug/l	83
20) Diisopropyl ether	6.678	45	136342	7.691	ug/l #	93
21) 1,1-Dichloroethane	6.578	63	69087	7.147	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	41364	8.342	ug/l	97
23) tert-Butyl Alcohol	5.537	59	29184	35.115	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	112728	7.770	ug/l #	85
25) Chloroform	7.972	83	70265	7.346	ug/l	98
26) Cyclohexane	8.266	56	62656	7.304	ug/l #	92
29) 1,1-Dichloropropene	8.377	75	49892	7.509	ug/l	99
30) 2-Butanone	7.489	43	154235	43.006	ug/l	98
31) 2,2-Dichloropropane	7.501	77	54051	7.835	ug/l #	83
32) 1,1,1-Trichloroethane	8.178	97	59791	7.253	ug/l	99
33) Carbon Tetrachloride	8.372	117	51783	7.282	ug/l	87
34) Benzene	8.613	78	162723	7.971	ug/l	93
35) Methacrylonitrile	7.789	41	32980	7.998	ug/l	93
36) 1,2-Dichloroethane	8.683	62	55219	7.053	ug/l	98
37) Trichloroethene	9.360	130	38532	9.219	ug/l	97
38) Methylcyclohexane	9.607	83	65313	8.881	ug/l	98
39) 1,2-Dichloropropane	9.624	63	42472	8.718	ug/l	99
40) Dibromomethane	9.713	93	27090	8.452	ug/l	95
41) Bromodichloromethane	9.889	83	53463	7.933	ug/l	91
42) Vinyl Acetate	6.619	43	440563	37.767	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076682.D
 Acq On : 15 Feb 2023 12:50
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 13:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 15 12:25:13 2023
 Response via : Initial Calibration

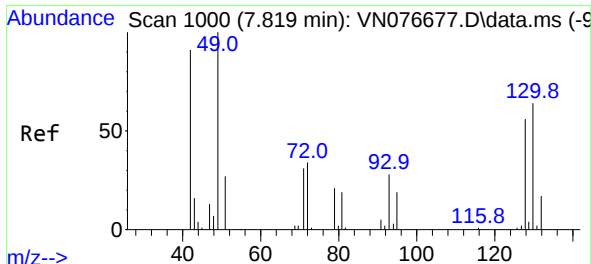
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	59399m	8.122	ug/l	
44) Isopropyl Acetate	8.695	43	94117	7.824	ug/l	100
45) 1,4-Dioxane	9.695	88	16800	171.322	ug/l #	94
46) Methyl methacrylate	9.683	41	44132	7.609	ug/l	97
47) n-amyl Acetate	12.495	43	79769	7.801	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	52911	7.800	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	62642	8.353	ug/l	91
50) 1,1,2-Trichloroethane	11.019	97	39050	8.971	ug/l	98
51) Ethyl methacrylate	10.877	69	52916	7.656	ug/l	95
52) 1,3-Dichloropropane	11.166	76	66896	8.245	ug/l	100
53) Dibromochloromethane	11.360	129	37691	8.333	ug/l	98
54) 1,2-Dibromoethane	11.471	107	36641	8.319	ug/l	95
55) 2-Chloroethyl vinyl ether	10.166	63	123659	39.170	ug/l	99
56) Bromoform	12.583	173	24279	8.335	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	301243	38.826	ug/l	100
59) 2-Hexanone	11.201	43	228014	40.419	ug/l	97
61) Tetrachloroethene	11.107	164	30446	8.582	ug/l #	90
62) Toluene	10.636	91	172500	8.383	ug/l	99
64) Chlorobenzene	11.895	112	100691	8.447	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.966	131	37492	8.296	ug/l	94
66) Ethyl Benzene	11.966	91	180182	7.987	ug/l	100
67) m/p-Xylenes	12.071	106	139524	16.484	ug/l	97
68) o-Xylene	12.401	106	68922	8.265	ug/l	95
69) Styrene	12.413	104	106365	8.036	ug/l	98
70) Isopropylbenzene	12.701	105	172469	7.718	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	59364	7.620	ug/l	97
72) 1,2,3-Trichloropropane	13.001	75	53191m	7.475	ug/l	
73) Bromobenzene	12.983	156	41574	7.841	ug/l	97
74) n-propylbenzene	13.042	91	199543	6.962	ug/l	98
75) 2-Chlorotoluene	13.130	91	125236	6.947	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	145573	6.976	ug/l	96
77) t-1,4-Dichloro-2-butene	12.736	75	14978	6.979	ug/l	95
78) 4-Chlorotoluene	13.224	91	117489	6.481	ug/l	98
79) tert-butylbenzene	13.442	119	122065	6.892	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	140541	6.829	ug/l	99
81) sec-Butylbenzene	13.618	105	177980	7.176	ug/l	99
82) p-Isopropyltoluene	13.730	119	139206	6.986	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	76126	7.762	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	70952	7.251	ug/l	95
85) n-Butylbenzene	14.060	91	117009	6.323	ug/l	100
86) Hexachloroethane	14.336	117	27703	7.160	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	75928	7.053	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	10307	6.491	ug/l	91
89) 1,2,4-Trichlorobenzene	15.395	180	37964	8.455	ug/l	97
90) Hexachlorobutadiene	15.501	225	18585	8.568	ug/l	93
91) Naphthalene	15.648	128	124932	8.155	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	39903	8.904	ug/l	93

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

Manual Integrations

Quant Time: Feb 15 13:08:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 15 12:25:13 2023
Response via : Initial Calibration





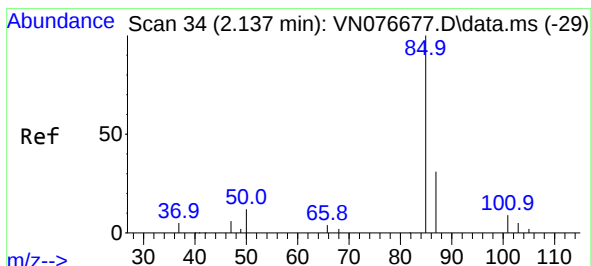
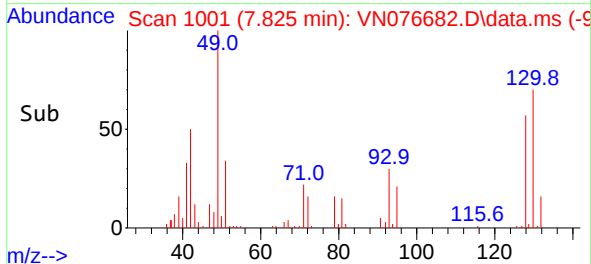
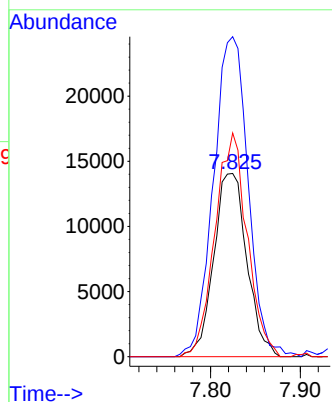
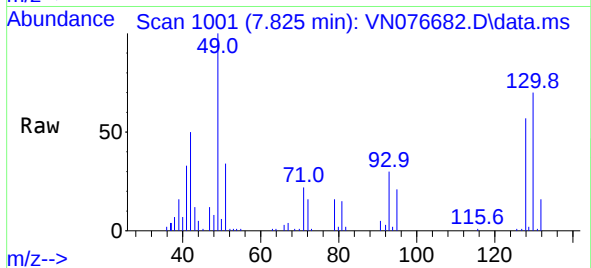
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 3609
Ion Ratio Lower Upper
128 100
49 181.3 0.0 461.8
130 118.7 0.0 295.3

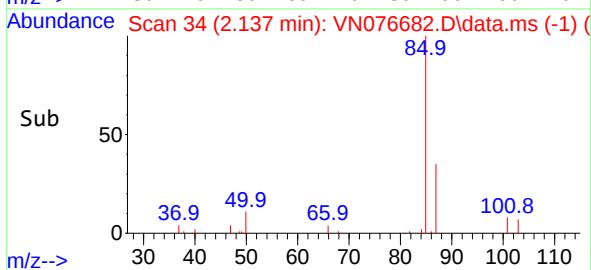
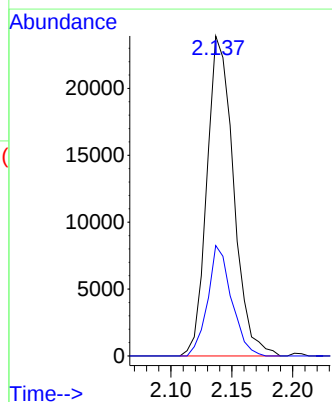
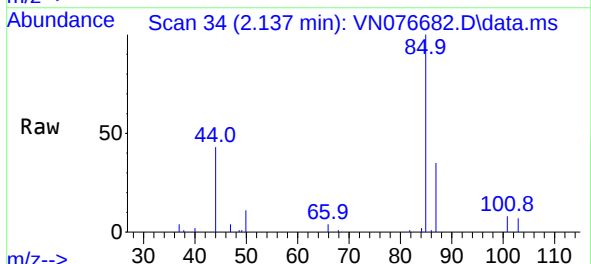
Manual Integrations
APPROVED

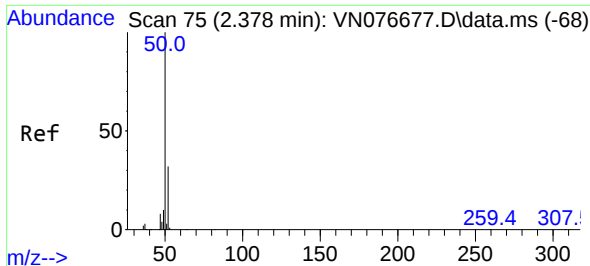
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 7.266 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

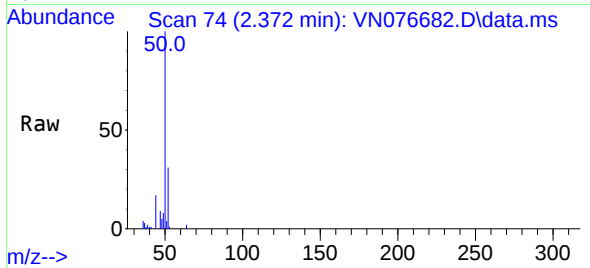
Tgt Ion: 85 Resp: 36297
Ion Ratio Lower Upper
85 100
87 34.5 15.4 46.1





#3
Chloromethane
Concen: 7.001 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

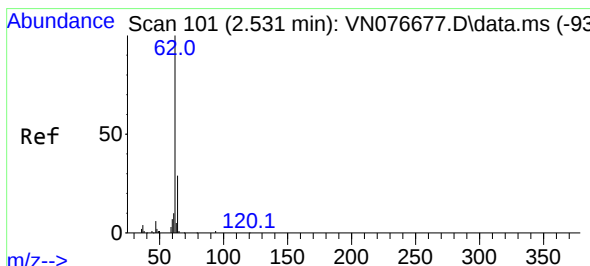
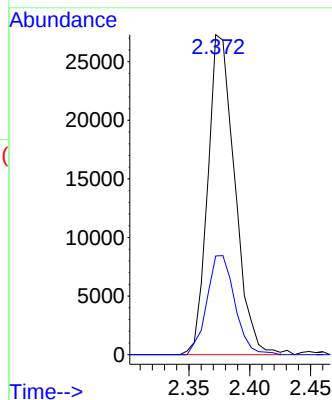
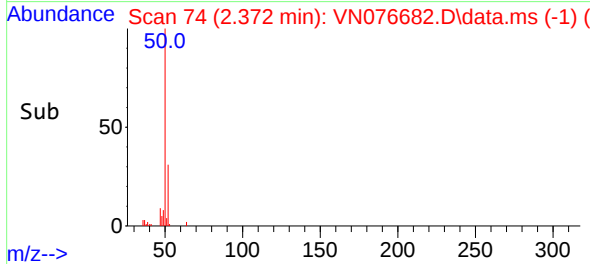
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



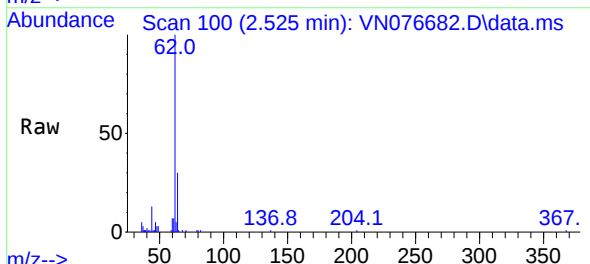
Tgt Ion: 50 Resp: 42048
Ion Ratio Lower Upper
50 100
52 30.8 25.3 37.9

Manual Integrations
APPROVED

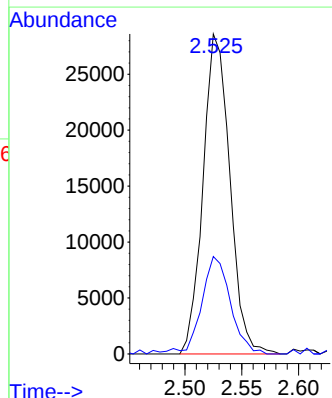
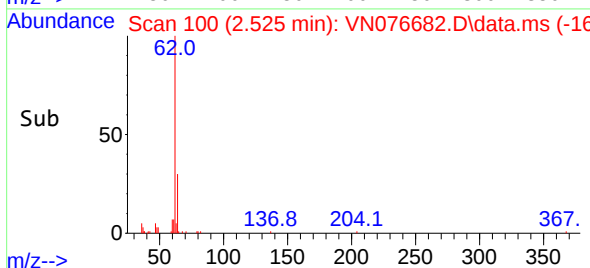
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

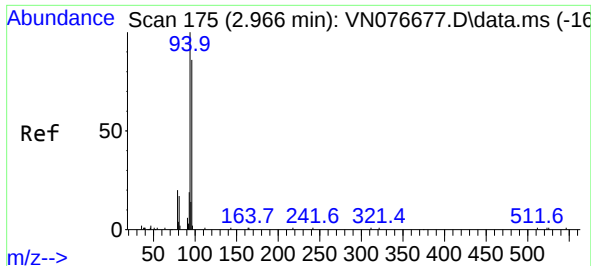


#4
Vinyl Chloride
Concen: 8.970 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



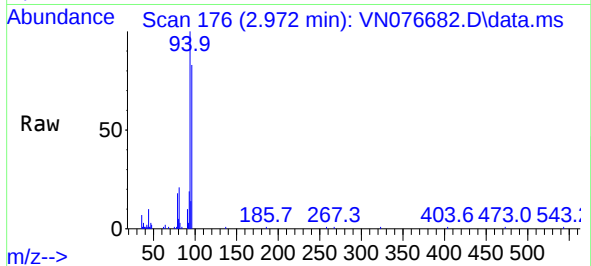
Tgt Ion: 62 Resp: 47045
Ion Ratio Lower Upper
62 100
64 30.4 23.1 34.7





#5
Bromomethane
Concen: 15.182 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

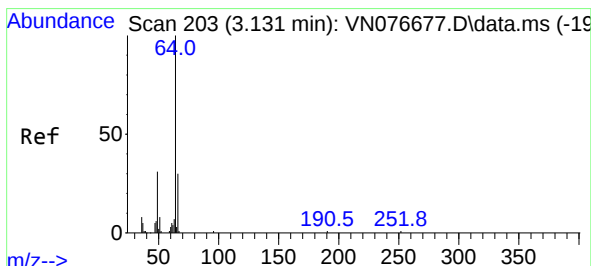
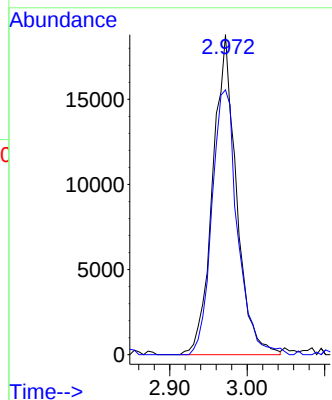
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 39974
Ion Ratio Lower Upper
94 100
96 82.8 68.6 103.0

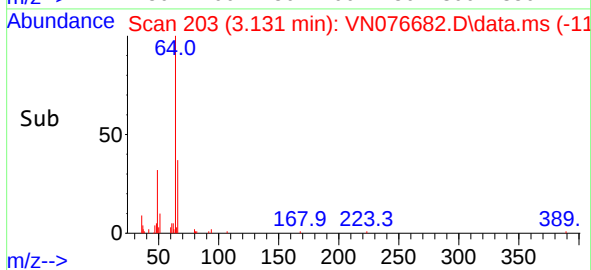
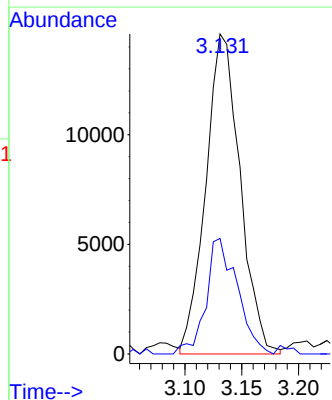
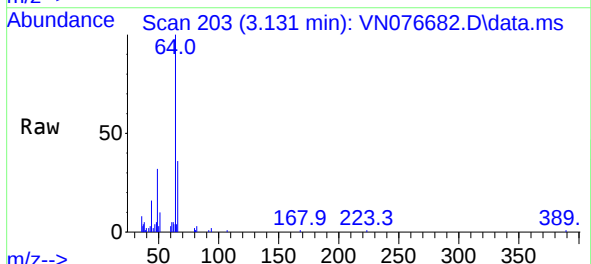
Manual Integrations
APPROVED

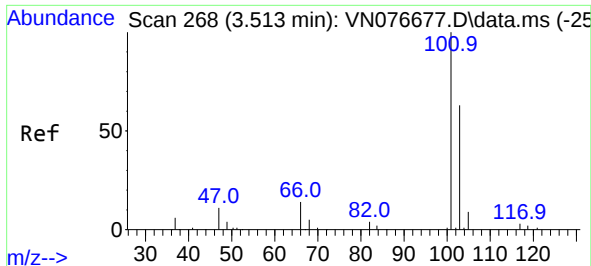
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#6
Chloroethane
Concen: 10.150 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

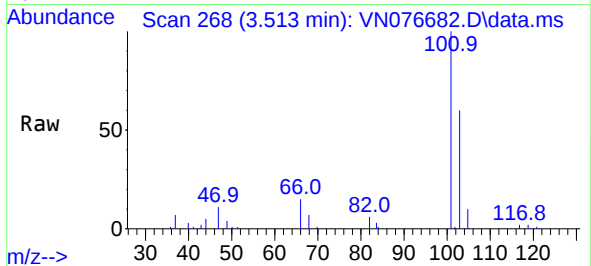
Tgt Ion: 64 Resp: 30664
Ion Ratio Lower Upper
64 100
66 34.0 23.8 35.6





#7
Trichlorofluoromethane
Concen: 6.547 ug/l
RT: 3.513 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

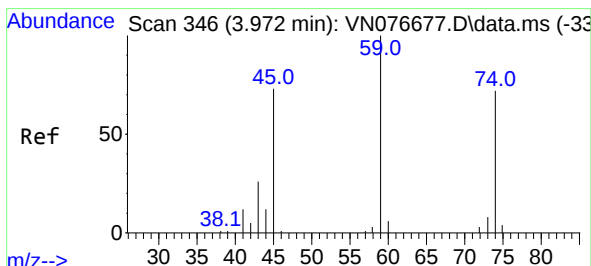
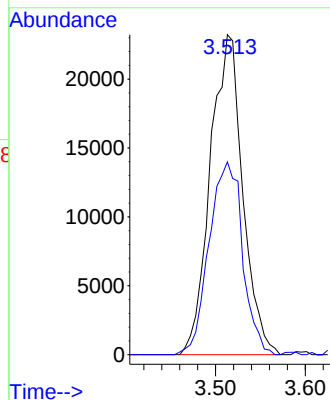
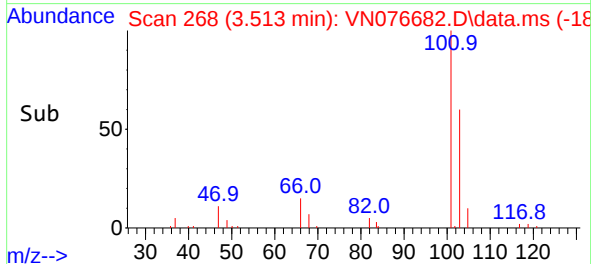
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



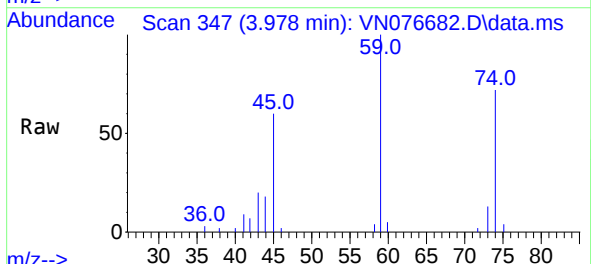
Tgt Ion: 101 Resp: 5830
Ion Ratio Lower Upper
101 100
103 60.3 50.2 75.2

Manual Integrations
APPROVED

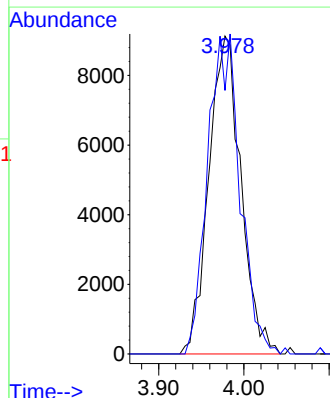
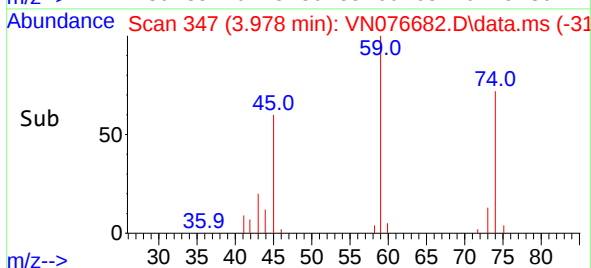
Reviewed By : John Carlone 02/16/2023
Supervised By : Mahesh Dadoda 02/18/2023

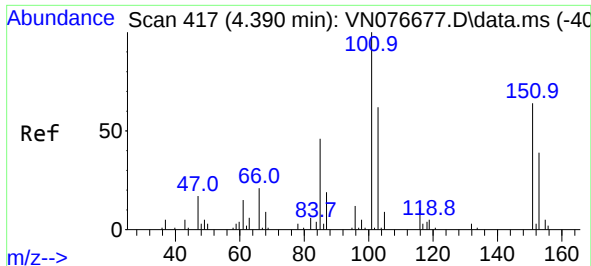


#8
Diethyl Ether
Concen: 8.467 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



Tgt Ion: 74 Resp: 23916
Ion Ratio Lower Upper
74 100
45 58.5 21.4 193.0





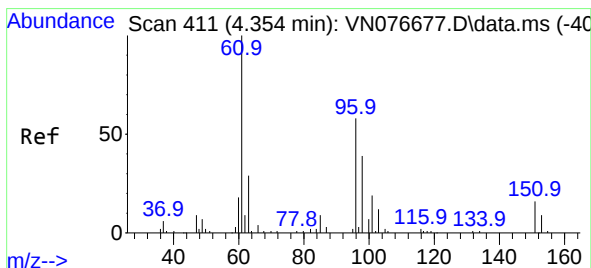
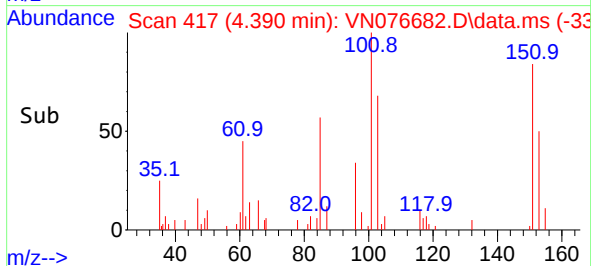
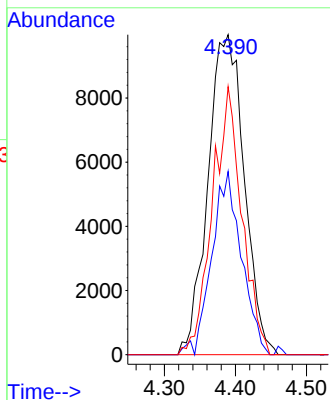
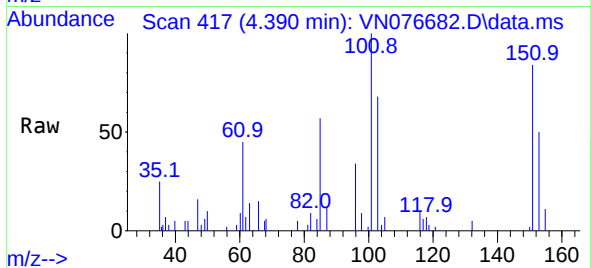
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.252 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion:101 Resp: 35370
Ion Ratio Lower Upper
101 100
85 46.1 0.0 95.2
151 43.6 0.0 142.2

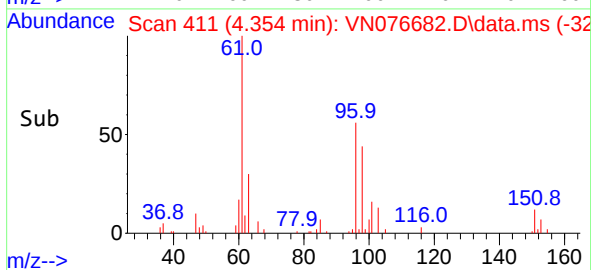
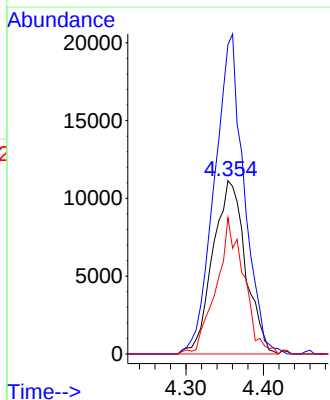
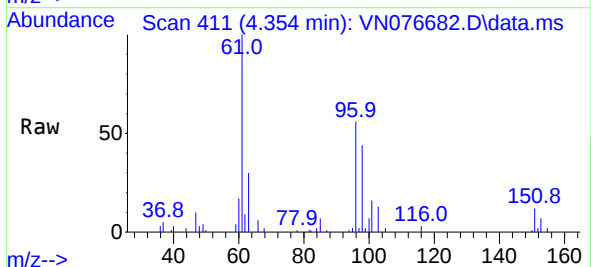
Manual Integrations
APPROVED

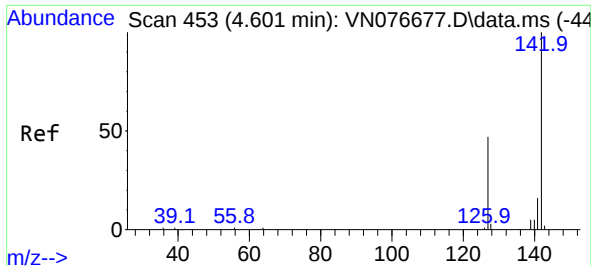
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 8.118 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

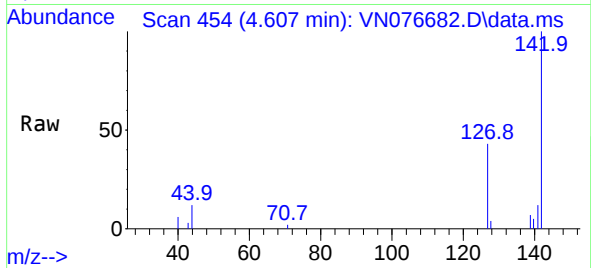
Tgt Ion: 96 Resp: 32704
Ion Ratio Lower Upper
96 100
61 178.4 137.1 205.7
98 78.6 53.2 79.8





#11
Methyl Iodide
Concen: 4.273 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

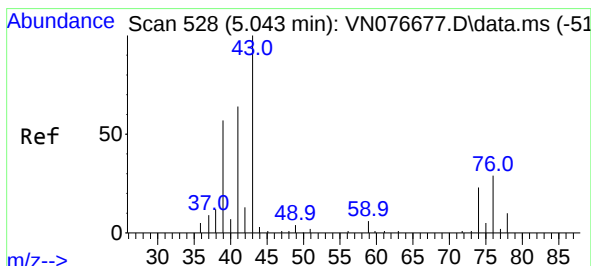
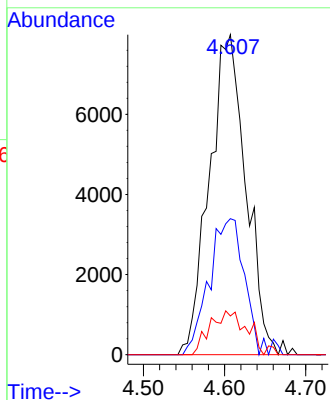
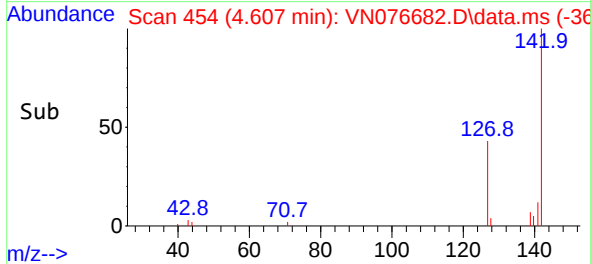
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:142 Resp: 25009
Ion Ratio Lower Upper
142 100
127 44.7 25.0 75.0
141 12.1 8.0 24.0

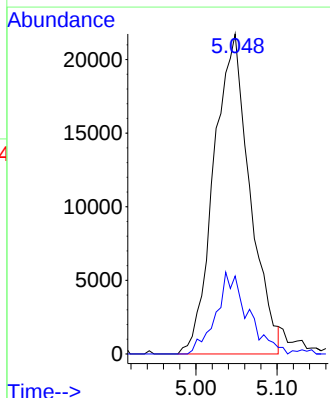
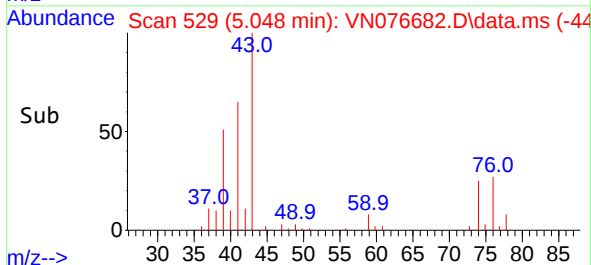
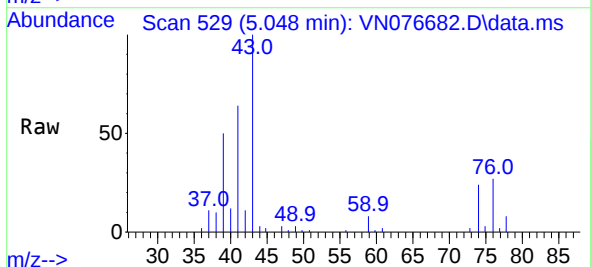
Manual Integrations
APPROVED

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

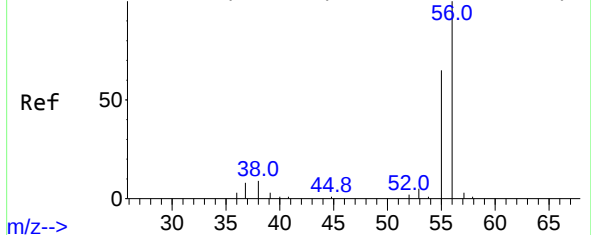


#12
Methyl Acetate
Concen: 7.925 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 43 Resp: 66997
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4



Abundance Scan 384 (4.196 min): VN076677.D\data.ms (-37



#13

Acrolein

Concen: 39.591 ug/l m

RT: 4.201 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076682.D

Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 4286

Ion Ratio Lower Upper

56 100

55 0.8 55.0 82.4

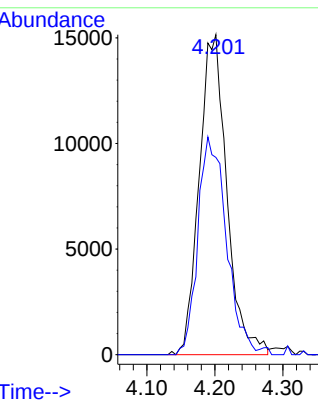
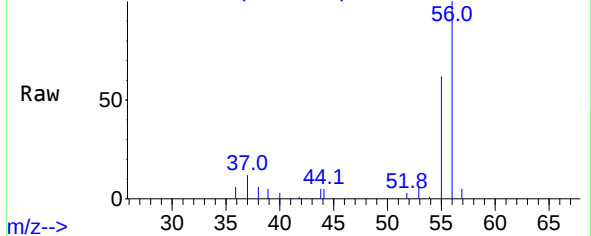
Manual Integrations

APPROVED

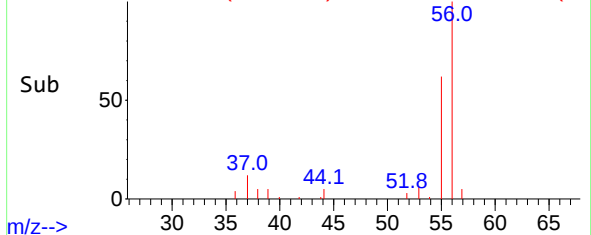
Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023

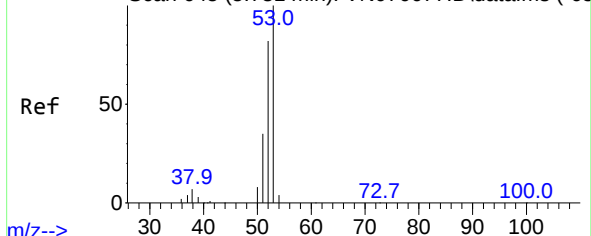
Abundance Scan 385 (4.201 min): VN076682.D\data.ms



Abundance Scan 385 (4.201 min): VN076682.D\data.ms (-29



Abundance Scan 645 (5.731 min): VN076677.D\data.ms (-63



#14

Acrylonitrile

Concen: 42.611 ug/l

RT: 5.737 min Scan# 646

Delta R.T. 0.006 min

Lab File: VN076682.D

Acq: 15 Feb 2023 12:50

Tgt Ion: 53 Resp: 105535

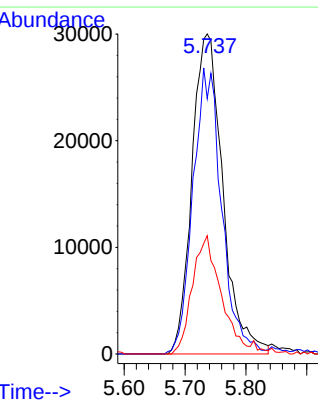
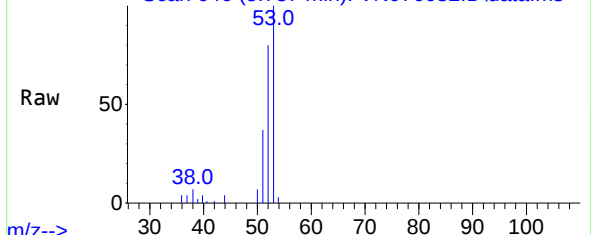
Ion Ratio Lower Upper

53 100

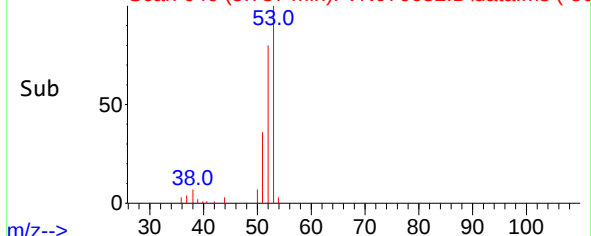
52 44.6 41.5 124.6

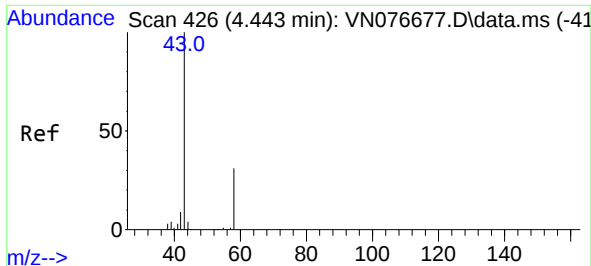
51 34.3 17.6 52.8

Abundance Scan 646 (5.737 min): VN076682.D\data.ms



Abundance Scan 646 (5.737 min): VN076682.D\data.ms (-56





#15

Acetone

Concen: 49.192 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076682.D

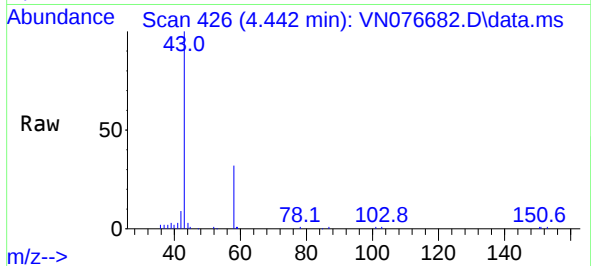
Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



Tgt Ion: 58 Resp: 35178

Ion Ratio Lower Upper

58 100

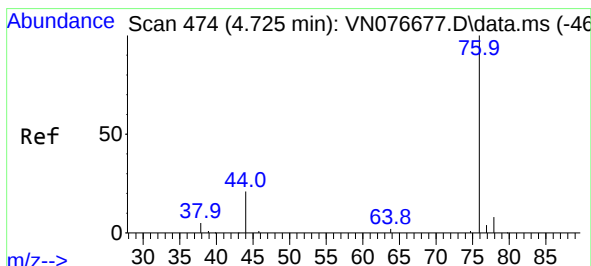
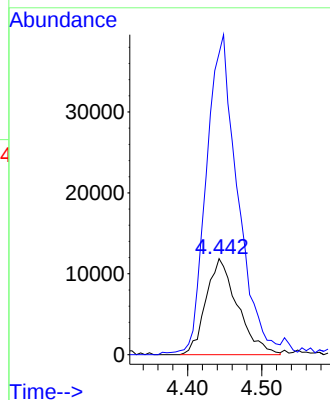
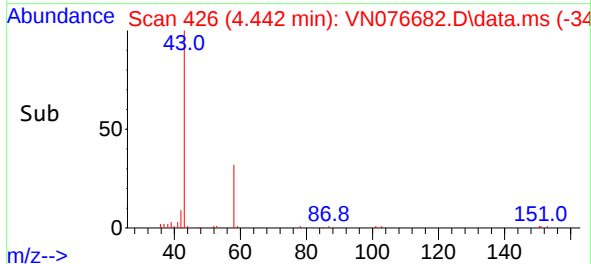
43 309.9 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#16

Carbon Disulfide

Concen: 7.999 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN076682.D

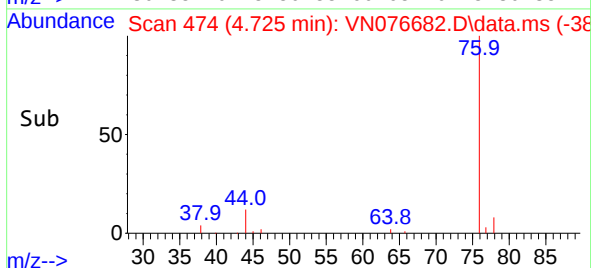
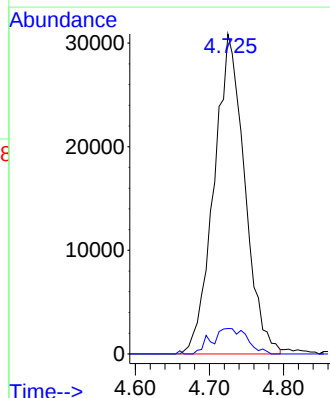
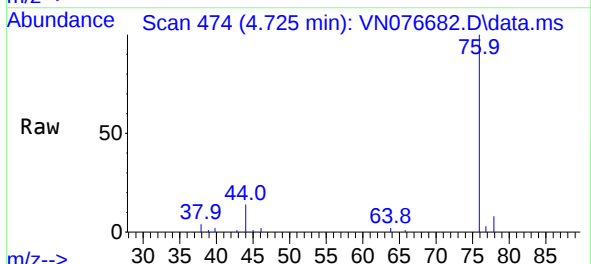
Acq: 15 Feb 2023 12:50

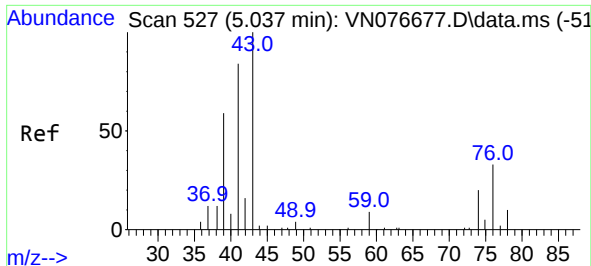
Tgt Ion: 76 Resp: 88562

Ion Ratio Lower Upper

76 100

78 8.0 6.6 9.8





#17
 Allyl chloride
 Concen: 7.095 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

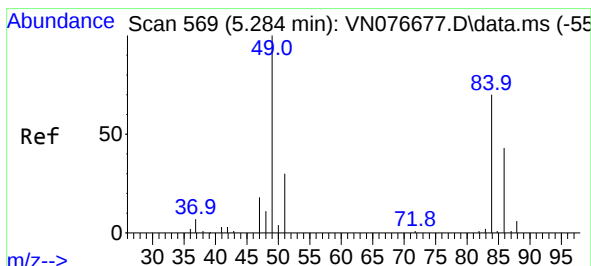
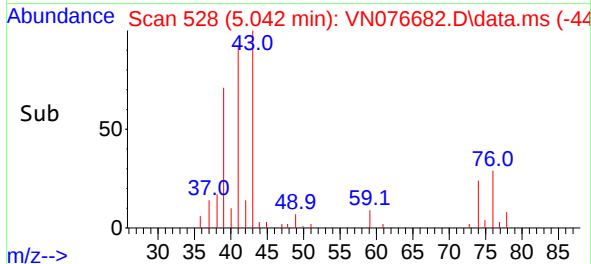
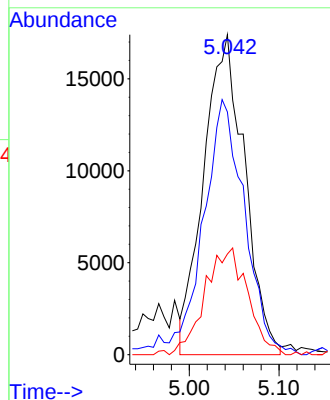
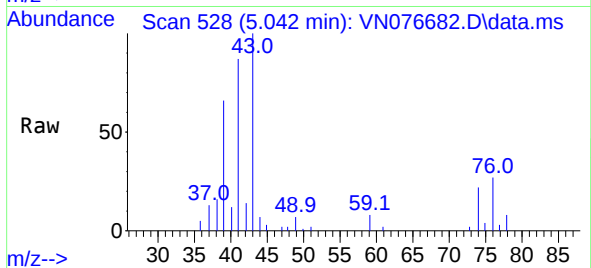
VSTDIC010

Tgt Ion: 41 Resp: 55100
 Ion Ratio Lower Upper
 41 100
 39 74.8 34.8 104.3
 76 30.8 17.5 52.5

Manual Integrations

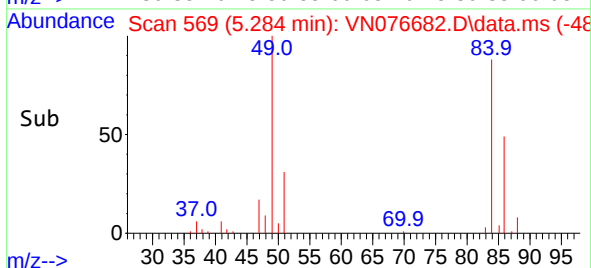
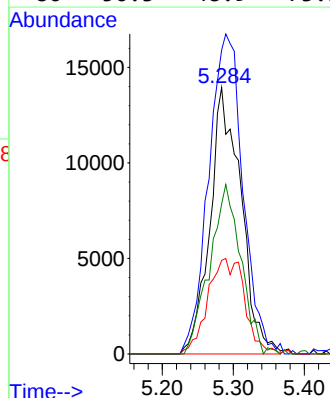
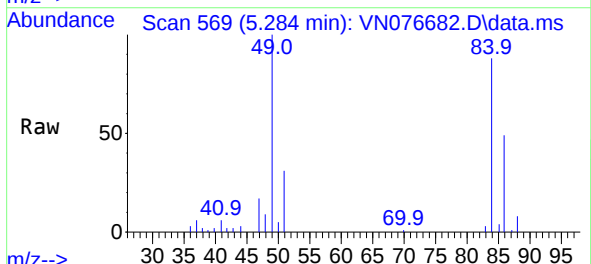
APPROVED

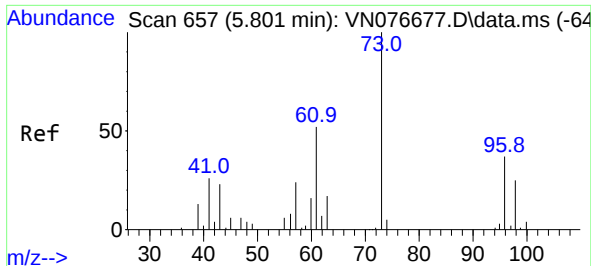
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#18
 Methylene Chloride
 Concen: 8.841 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50

Tgt Ion: 84 Resp: 42146
 Ion Ratio Lower Upper
 84 100
 49 114.1 113.8 170.6
 51 35.1 34.2 51.4
 86 56.3 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 9.089 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076682.D

Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 3761

Ion Ratio Lower Upper

96 100

61 113.4 111.0 166.4

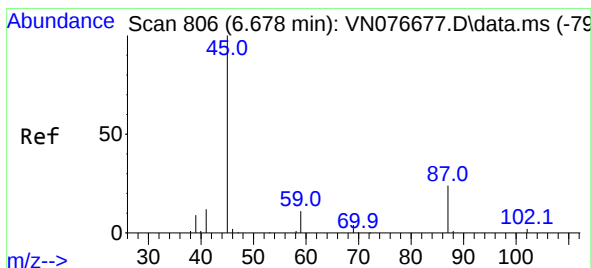
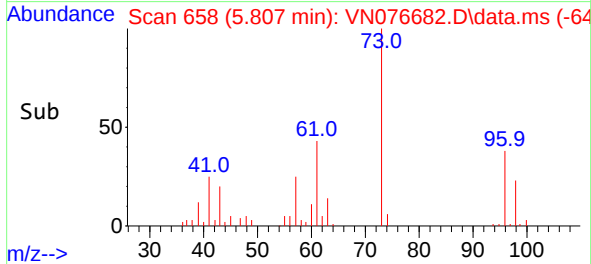
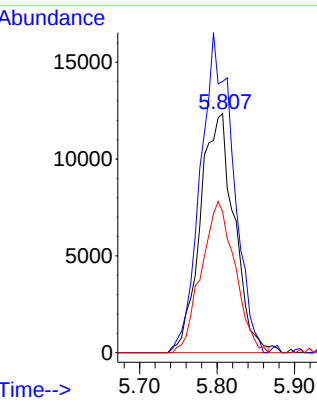
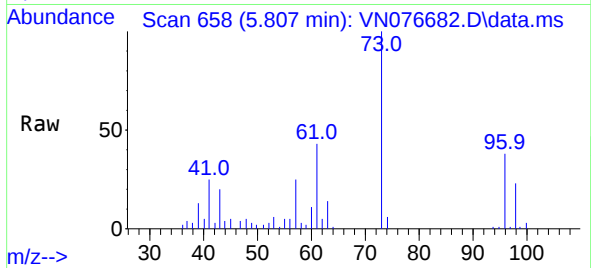
98 61.8 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#20

Diisopropyl ether

Concen: 7.691 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN076682.D

Acq: 15 Feb 2023 12:50

Tgt Ion: 45 Resp: 136342

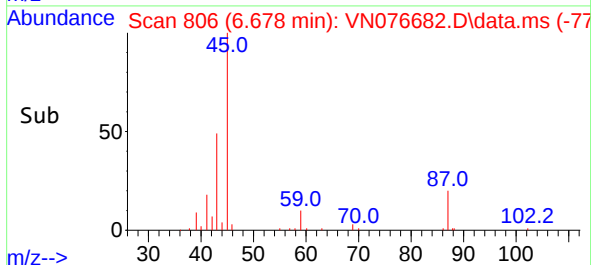
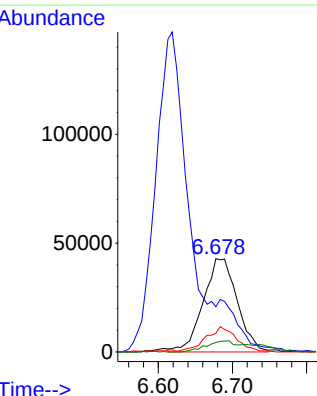
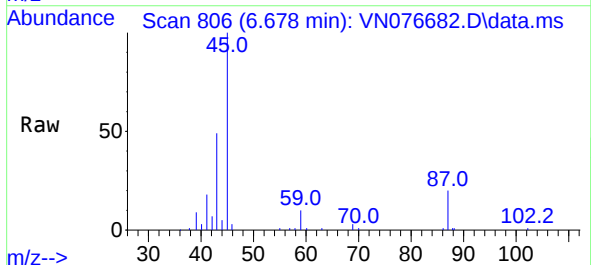
Ion Ratio Lower Upper

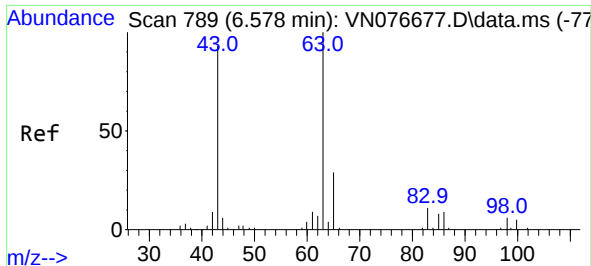
45 100

43 44.5 38.6 58.0

87 19.6 20.1 30.1#

59 10.3 8.3 12.5





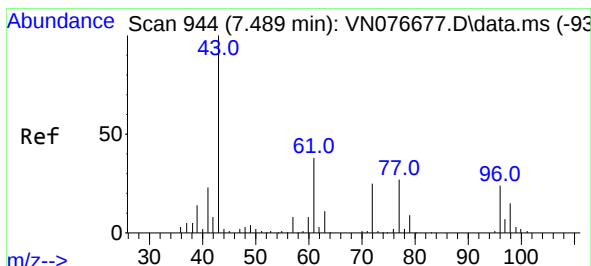
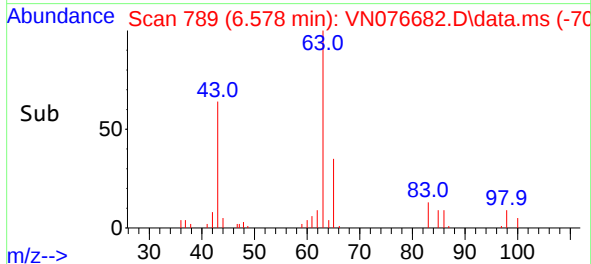
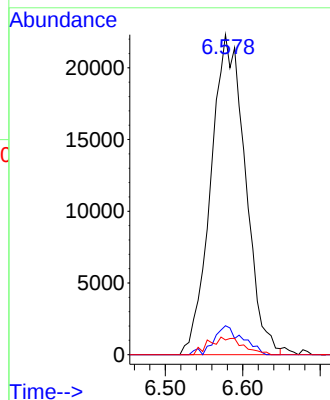
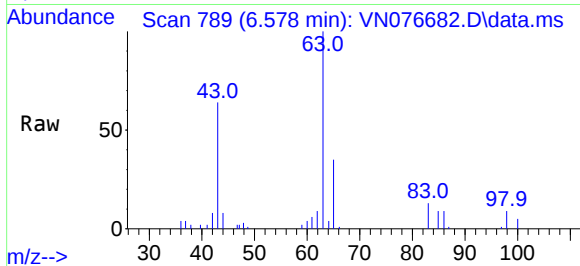
#21
1,1-Dichloroethane
Concen: 7.147 ug/l
RT: 6.578 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 6908
Ion Ratio Lower Upper
63 100
98 9.1 3.6 10.9
100 4.6 2.6 7.8

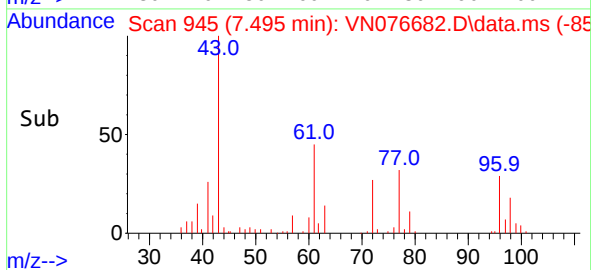
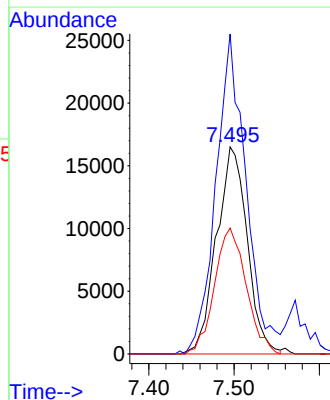
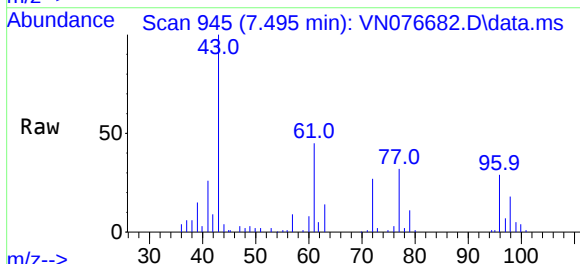
Manual Integrations
APPROVED

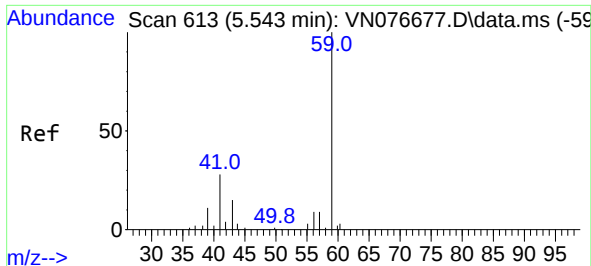
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#22
cis-1,2-Dichloroethene
Concen: 8.342 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

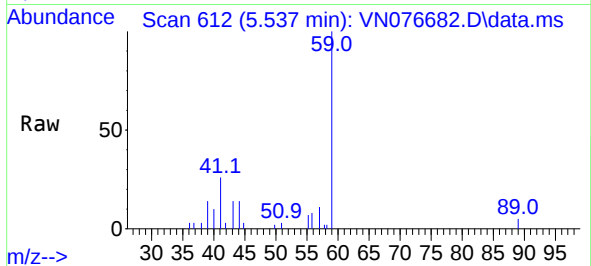
Tgt Ion: 96 Resp: 41364
Ion Ratio Lower Upper
96 100
61 146.5 121.0 181.4
98 62.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 35.115 ug/l
RT: 5.537 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

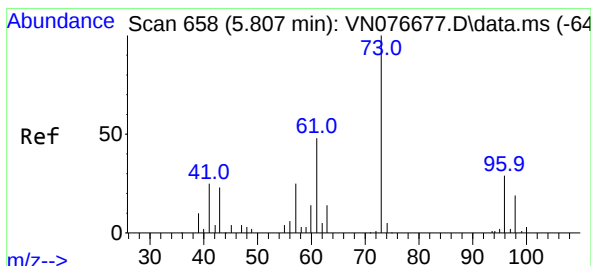
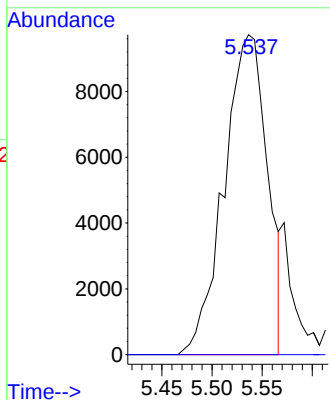
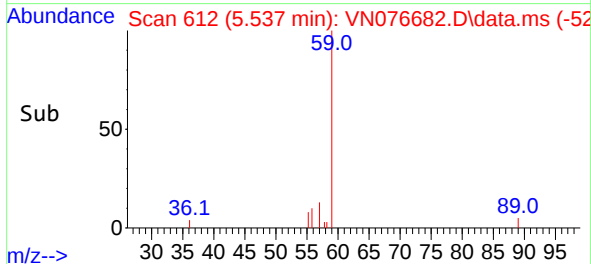
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 29184
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

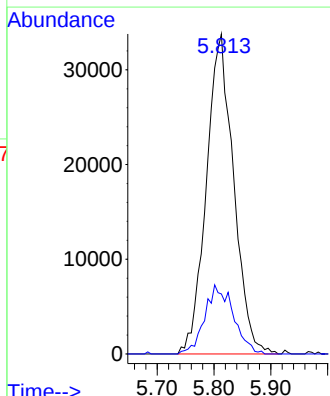
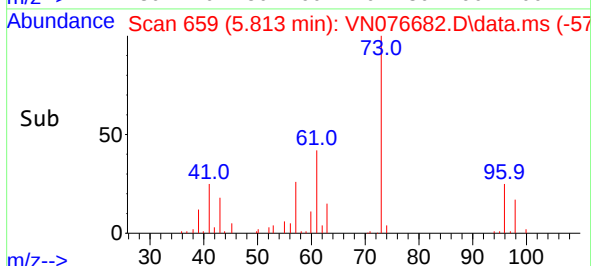
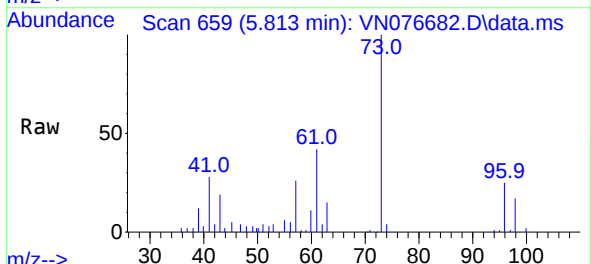
Manual Integrations
APPROVED

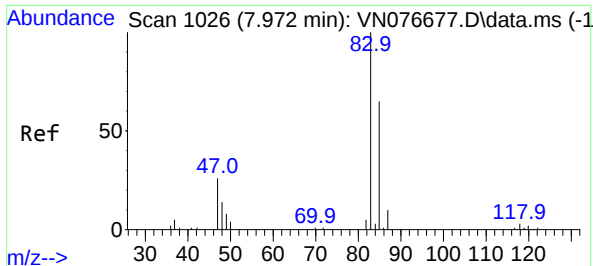
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#24
Methyl tert-Butyl Ether
Concen: 7.770 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

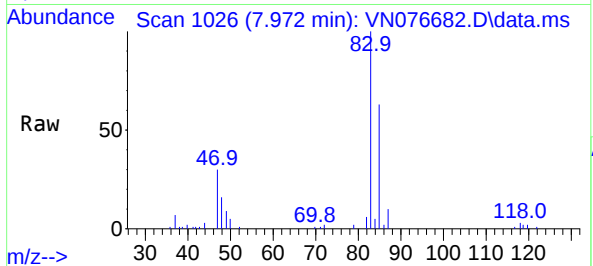
Tgt Ion: 73 Resp: 112728
Ion Ratio Lower Upper
73 100
43 15.1 17.8 26.6#





#25
Chloroform
Concen: 7.346 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

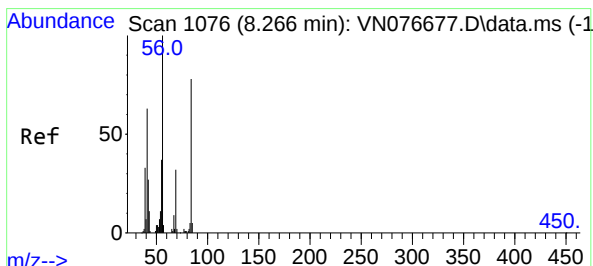
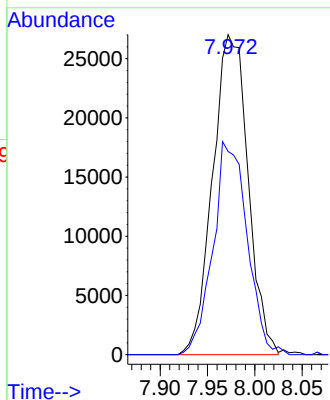
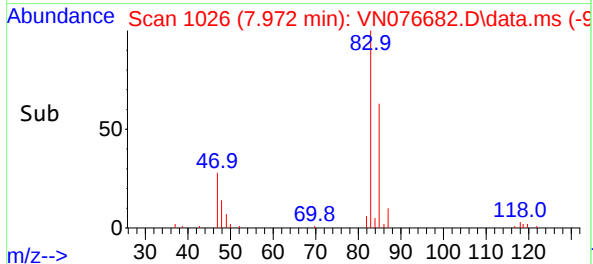
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



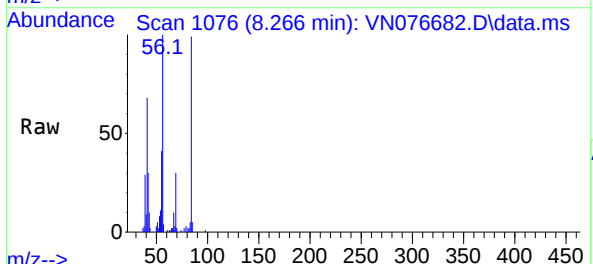
Tgt Ion: 83 Resp: 7026
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6

Manual Integrations
APPROVED

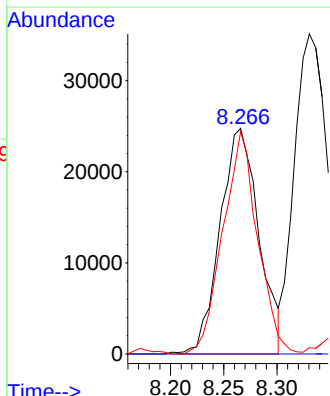
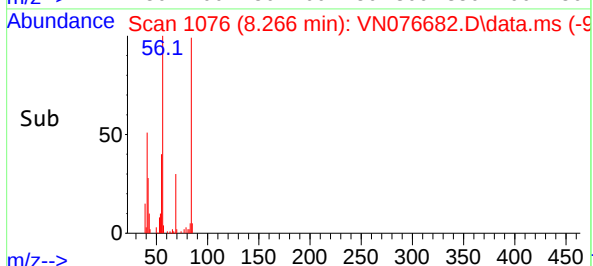
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

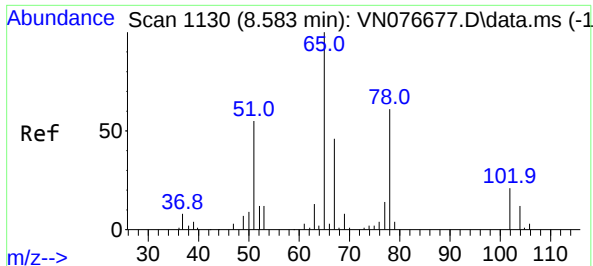


#26
Cyclohexane
Concen: 7.304 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



Tgt Ion: 56 Resp: 62656
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 65.3 97.9





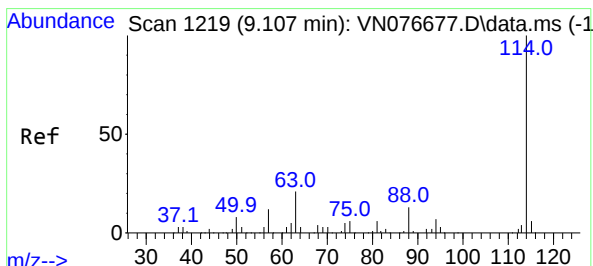
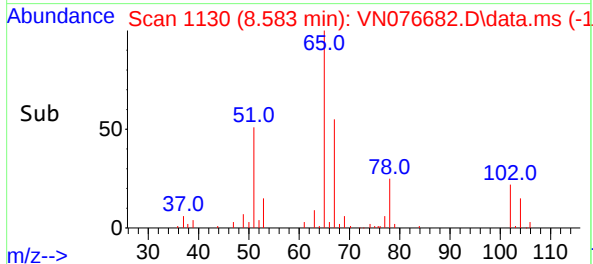
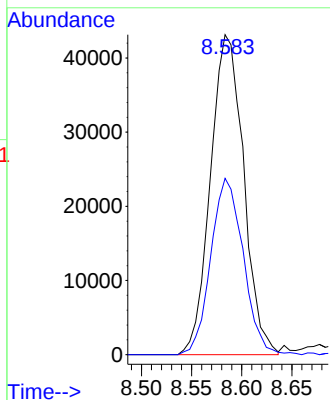
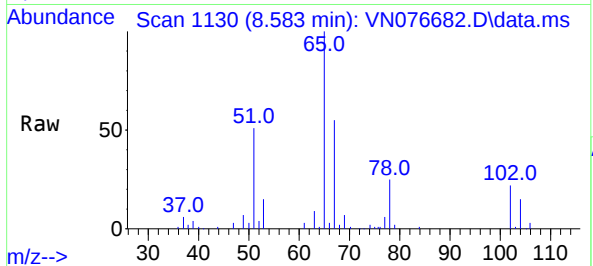
#27
1,2-Dichloroethane-d4
Concen: 23.350 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 99324
Ion Ratio Lower Upper
65 100
67 53.8 40.9 61.3

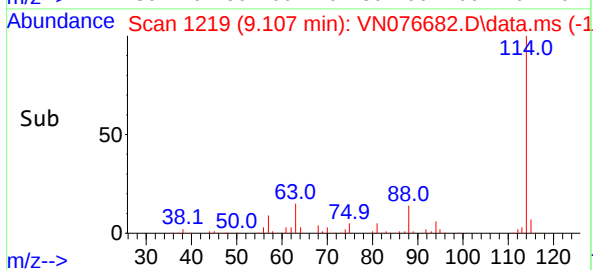
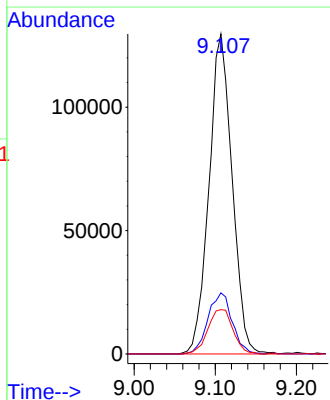
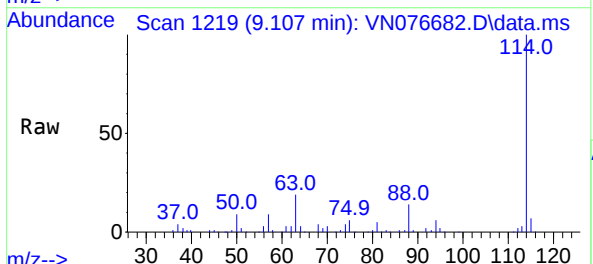
Manual Integrations
APPROVED

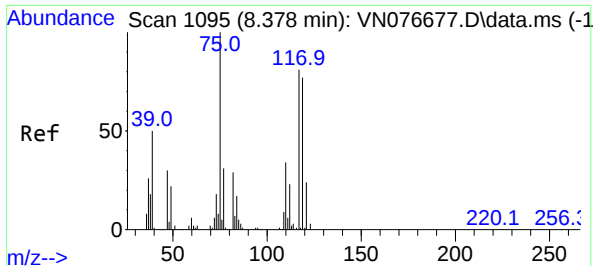
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

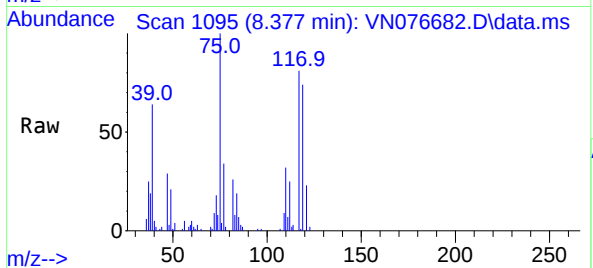
Tgt Ion:114 Resp: 256687
Ion Ratio Lower Upper
114 100
63 20.0 17.0 25.4
88 15.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 7.509 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

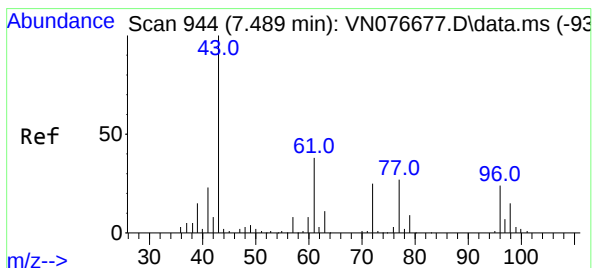
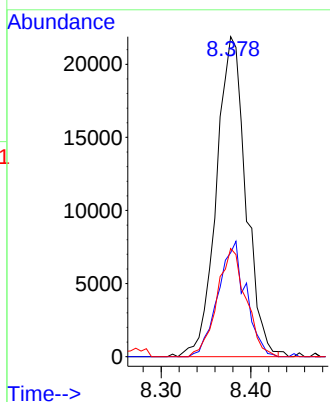
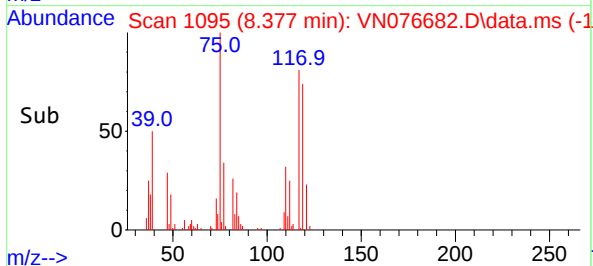
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



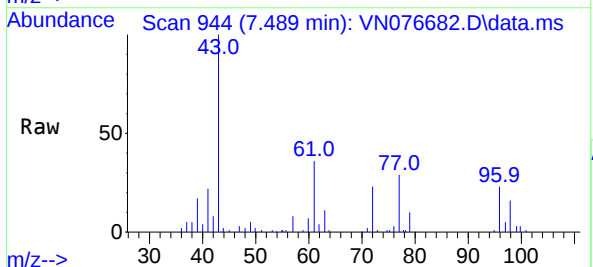
Tgt Ion: 75 Resp: 4989
Ion Ratio Lower Upper
75 100
110 34.0 0.0 67.2
77 33.2 0.0 64.4

Manual Integrations
APPROVED

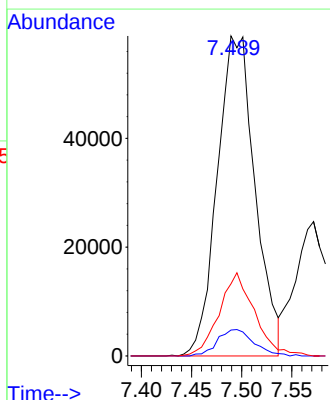
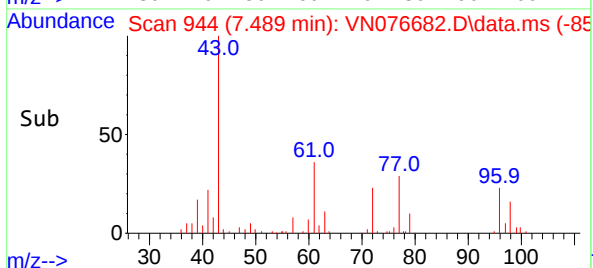
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

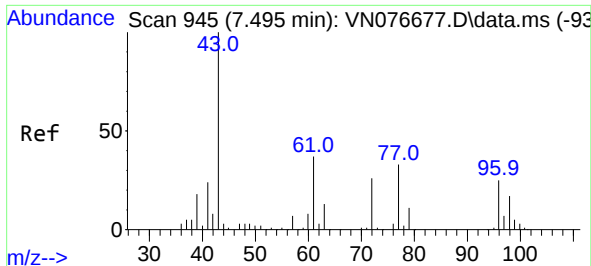


#30
2-Butanone
Concen: 43.006 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



Tgt Ion: 43 Resp: 154235
Ion Ratio Lower Upper
43 100
57 7.9 6.1 9.1
72 24.3 20.2 30.4





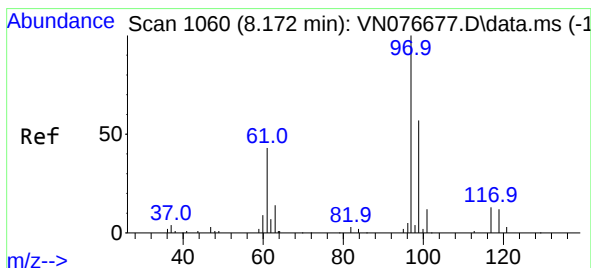
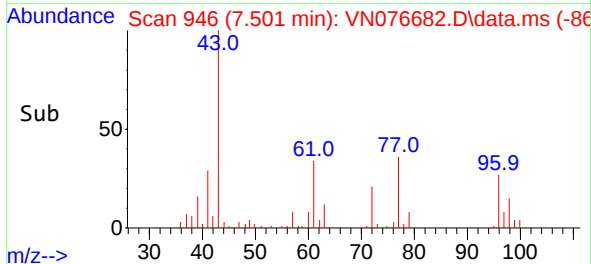
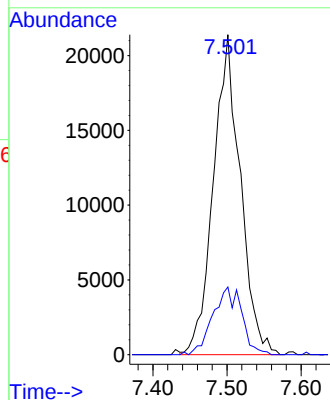
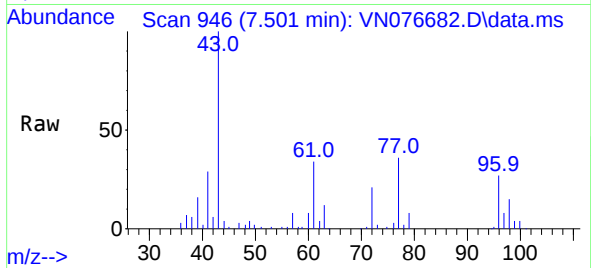
#31
2,2-Dichloropropane
Concen: 7.835 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 77 Resp: 5405
Ion Ratio Lower Upper
77 100
97 15.3 7.2 10.8

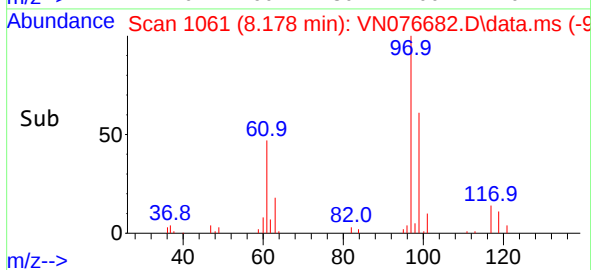
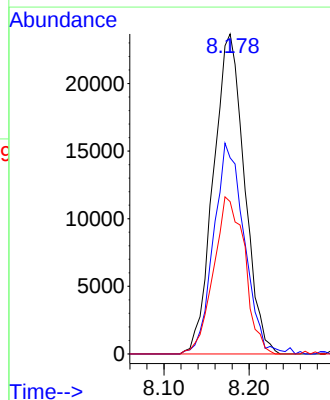
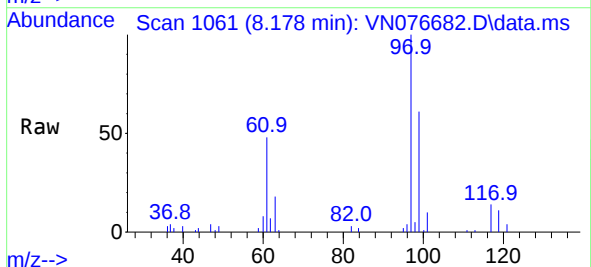
Manual Integrations
APPROVED

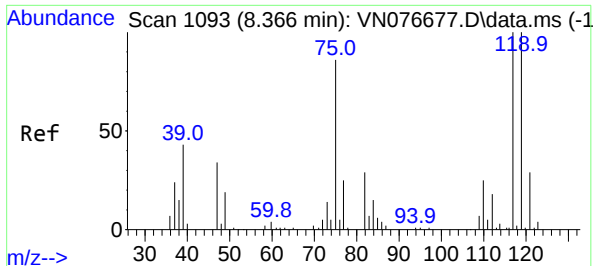
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#32
1,1,1-Trichloroethane
Concen: 7.253 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

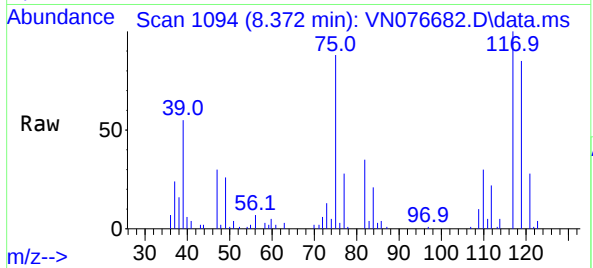
Tgt Ion: 97 Resp: 59791
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 49.4 39.3 58.9





#33
Carbon Tetrachloride
Concen: 7.282 ug/l
RT: 8.372 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

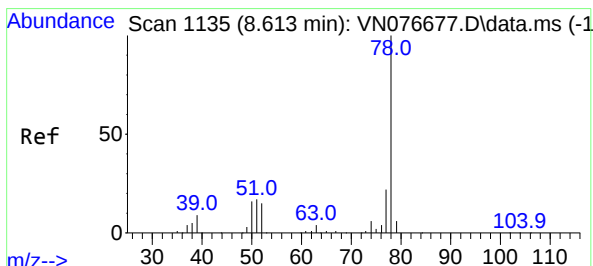
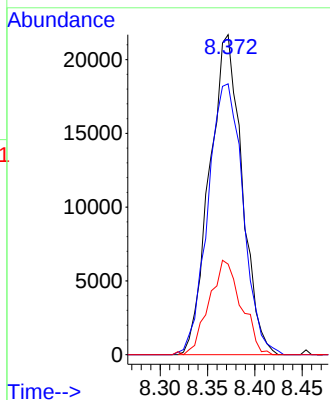
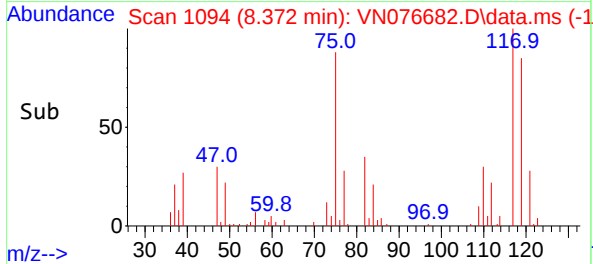
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 117 Resp: 5178
Ion Ratio Lower Upper
117 100
119 83.9 79.8 119.8
121 28.3 23.4 35.0

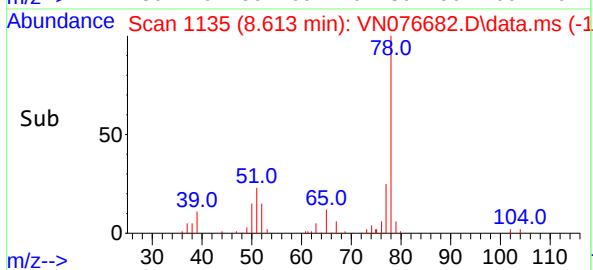
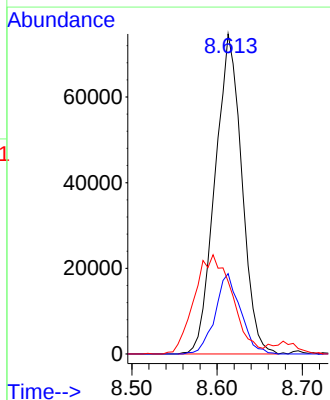
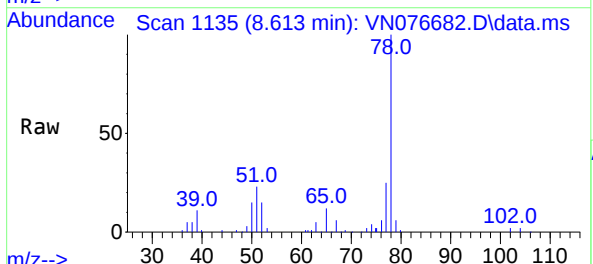
Manual Integrations
APPROVED

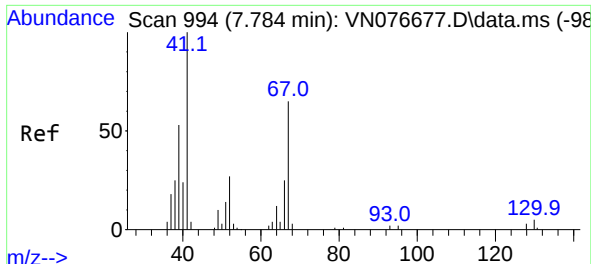
Reviewed By : John Carlone 02/16/2023
Supervised By : Mahesh Dadoda 02/18/2023



#34
Benzene
Concen: 7.971 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 78 Resp: 162723
Ion Ratio Lower Upper
78 100
77 25.1 17.4 26.2
51 19.9 13.8 20.6





#35
Methacrylonitrile
Concen: 7.998 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

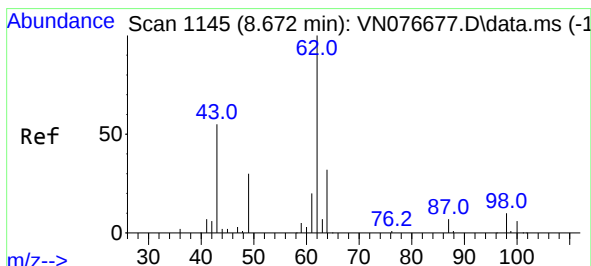
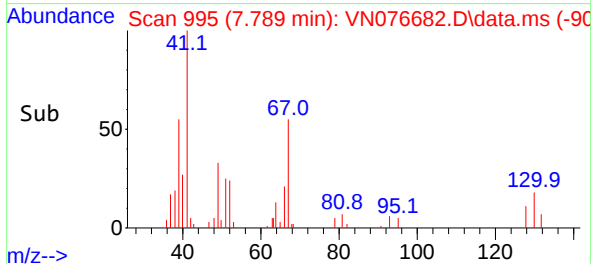
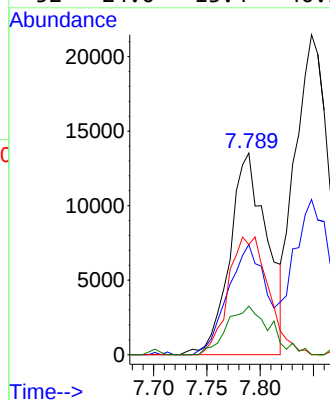
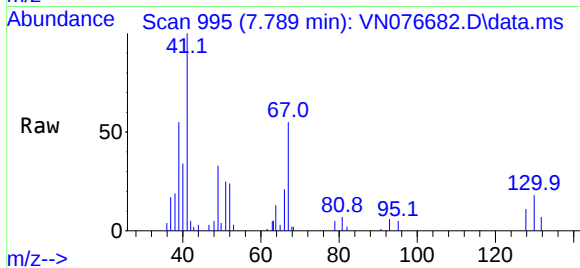
VSTDICC010

Tgt Ion: 41 Resp: 32980
Ion Ratio Lower Upper
41 100
39 54.7 26.6 79.7
67 54.7 32.3 96.9
52 24.0 13.4 40.1

Manual Integrations

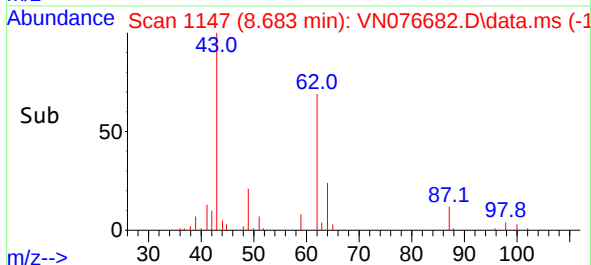
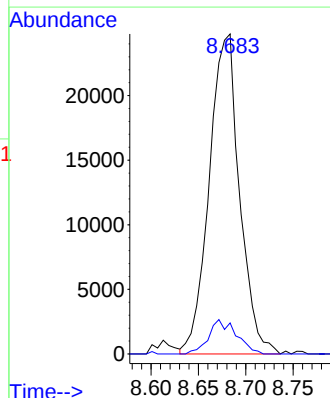
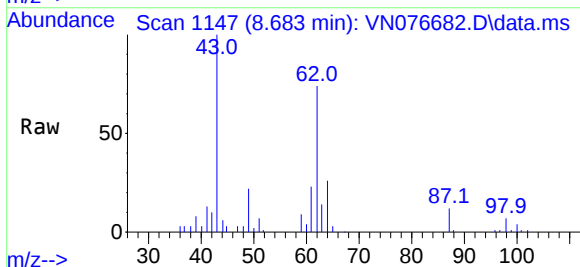
APPROVED

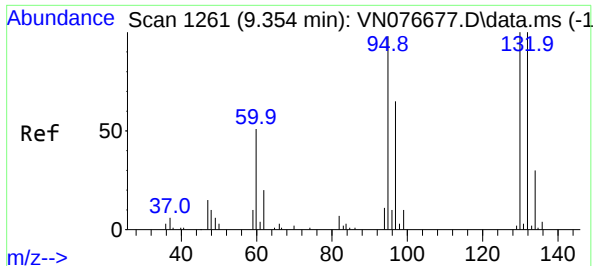
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
1,2-Dichloroethane
Concen: 7.053 ug/l
RT: 8.683 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 62 Resp: 55219
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





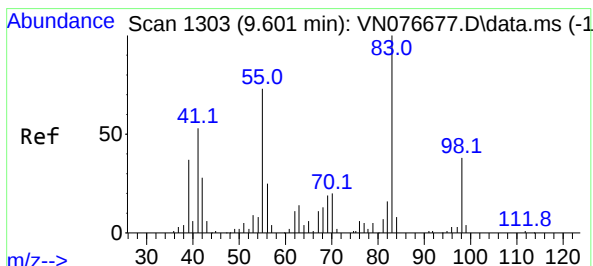
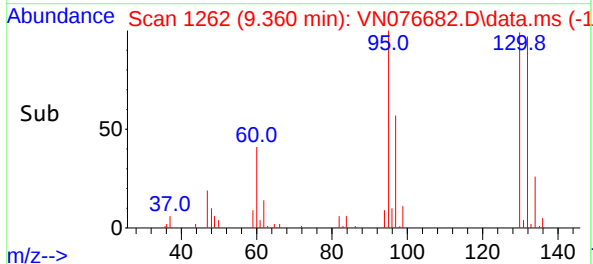
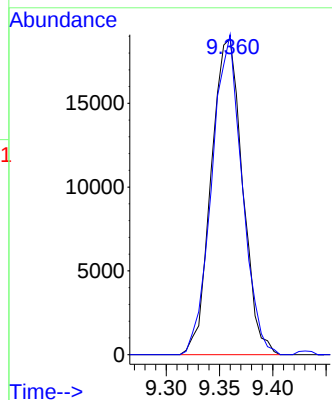
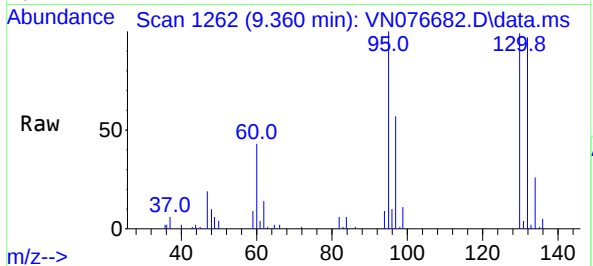
#37
Trichloroethene
Concen: 9.219 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:130 Resp: 3853
Ion Ratio Lower Upper
130 100
95 101.3 78.7 118.1

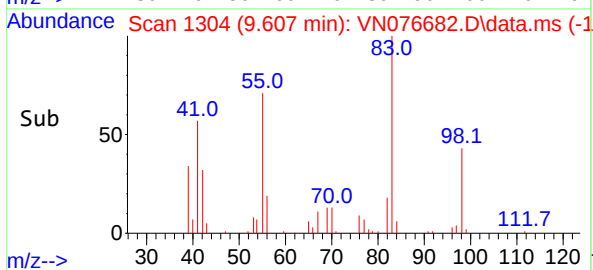
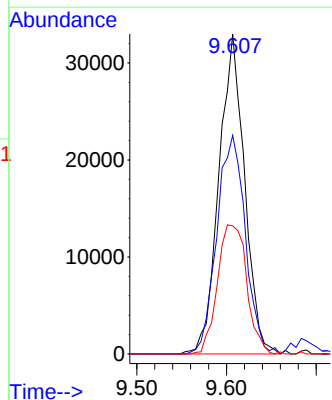
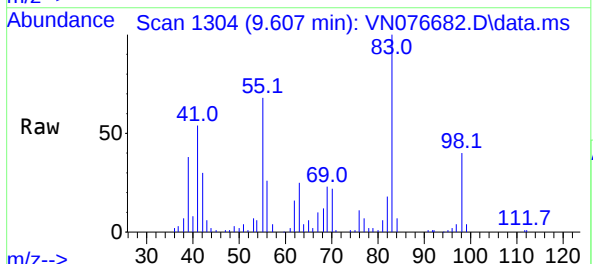
Manual Integrations
APPROVED

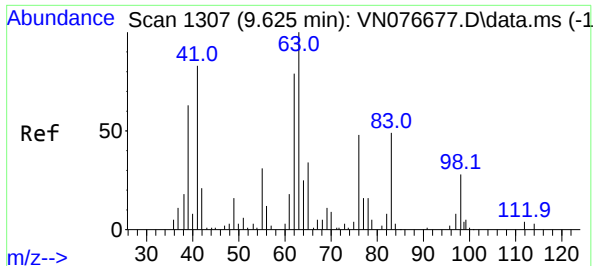
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Methylcyclohexane
Concen: 8.881 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 83 Resp: 65313
Ion Ratio Lower Upper
83 100
55 75.6 37.6 112.9
98 46.0 24.1 72.4





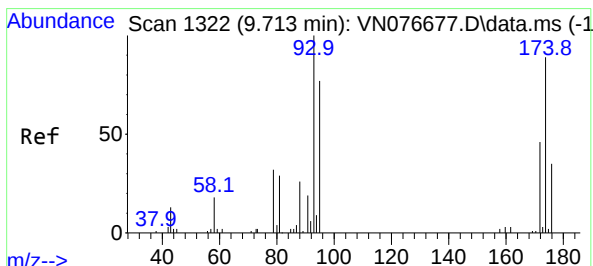
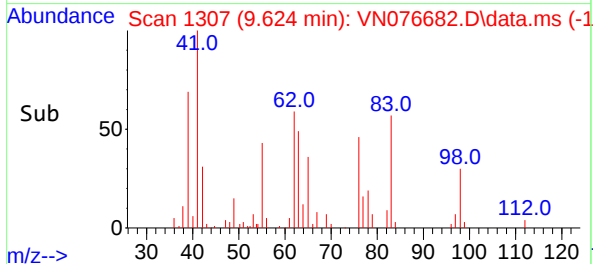
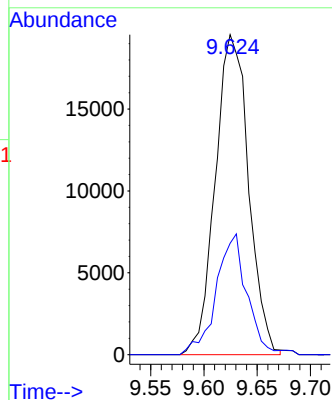
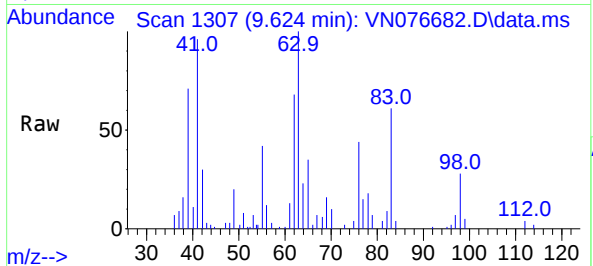
#39
1,2-Dichloropropane
Concen: 8.718 ug/l
RT: 9.624 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 42472
Ion Ratio Lower Upper
63 100
65 34.8 27.2 40.8

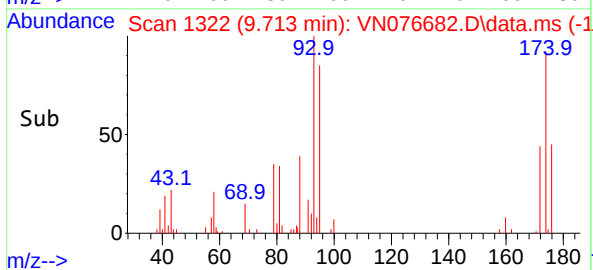
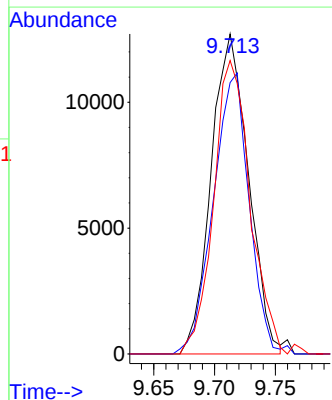
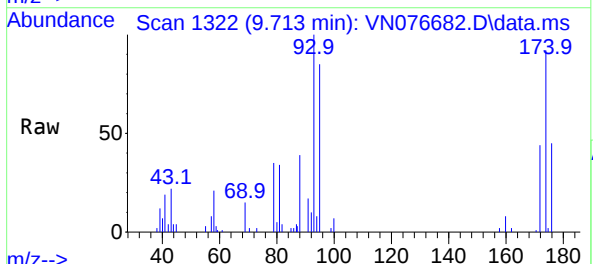
Manual Integrations
APPROVED

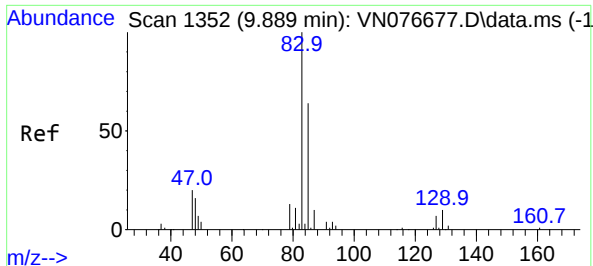
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Dibromomethane
Concen: 8.452 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 93 Resp: 27090
Ion Ratio Lower Upper
93 100
95 84.1 0.0 158.0
174 89.9 0.0 171.2





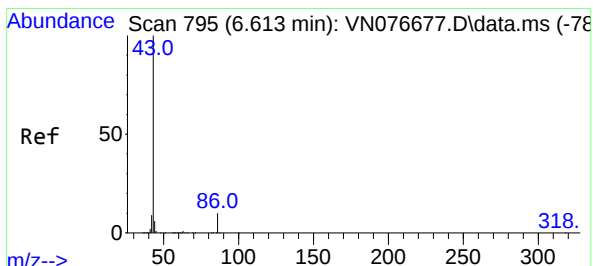
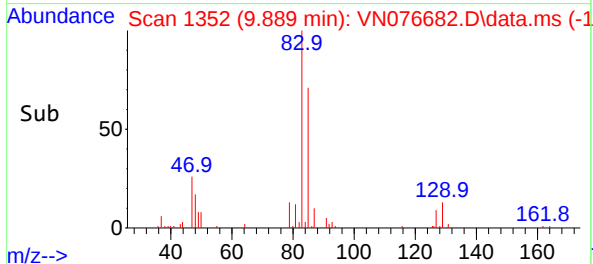
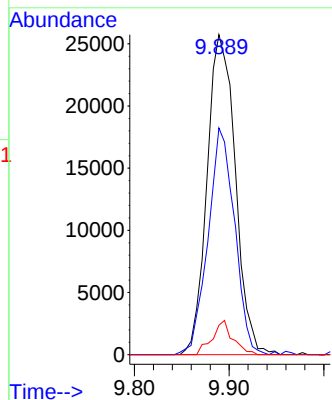
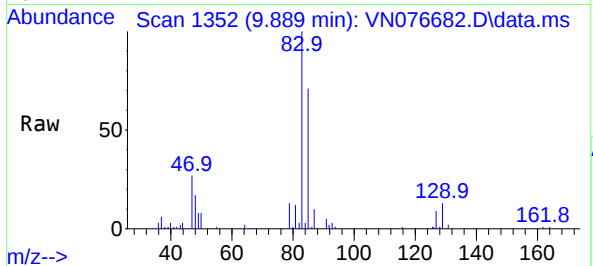
#41
Bromodichloromethane
Concen: 7.933 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 5346
Ion Ratio Lower Upper
83 100
85 70.9 51.0 76.4
127 9.2 6.2 9.2

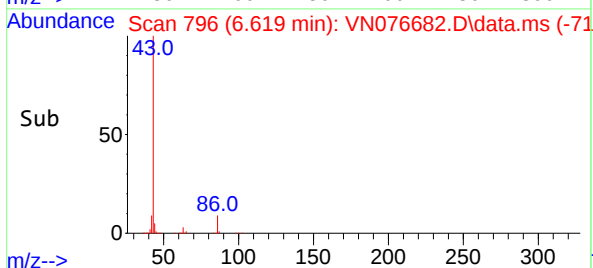
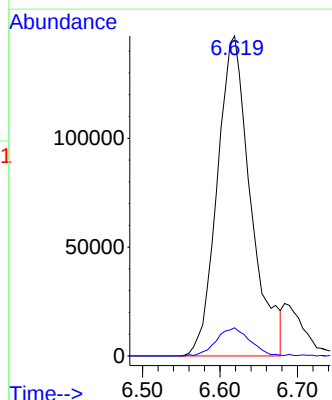
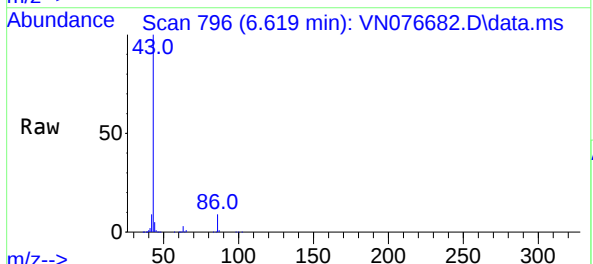
Manual Integrations
APPROVED

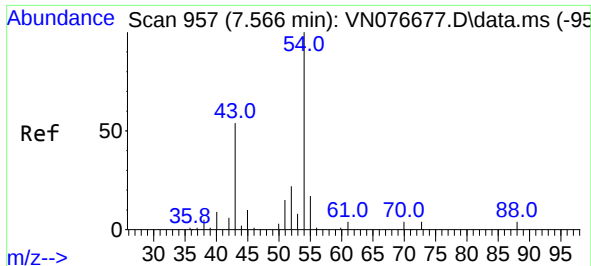
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Vinyl Acetate
Concen: 37.767 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

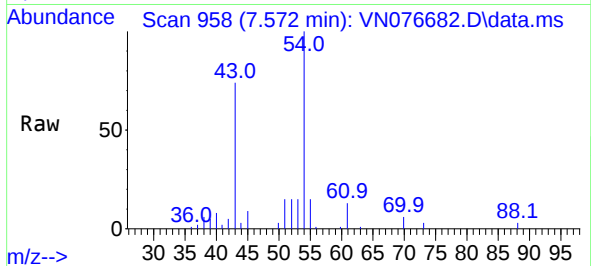
Tgt Ion: 43 Resp: 440563
Ion Ratio Lower Upper
43 100
86 8.9 7.8 11.6





#43
Ethyl Acetate
Concen: 8.122 ug/l m
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

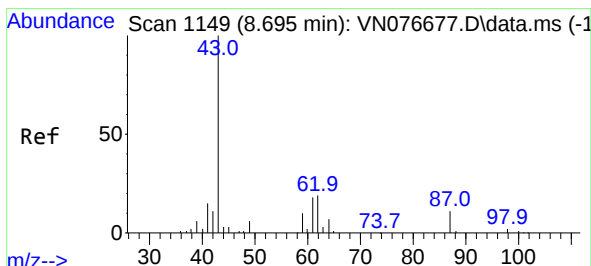
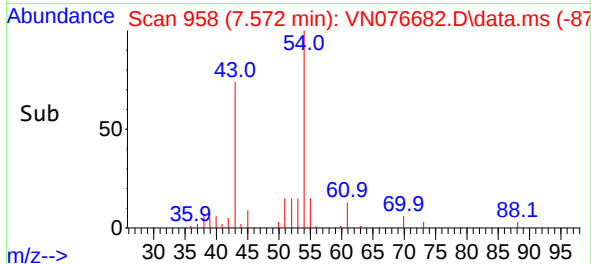
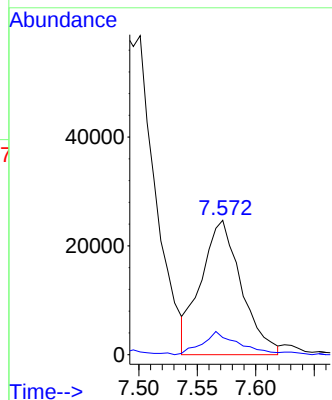
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 5939
Ion Ratio Lower Upper
43 100
45 0.1 11.2 16.8

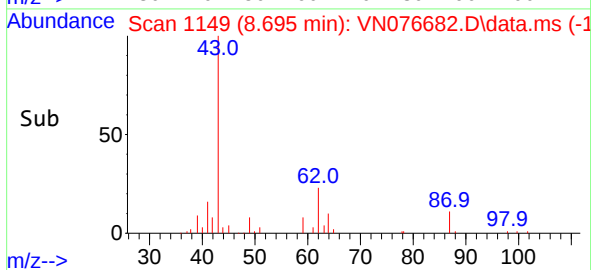
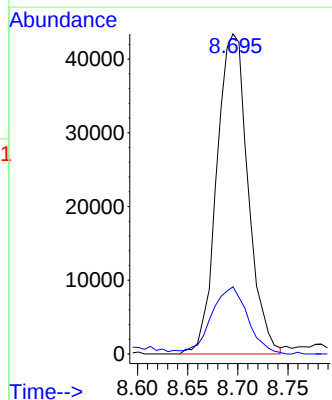
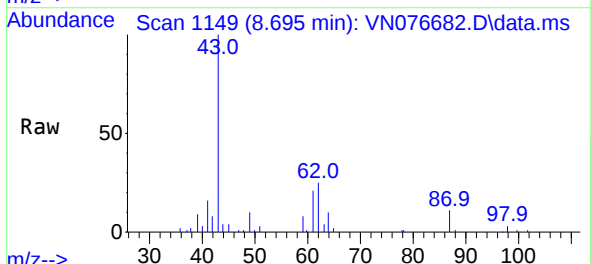
Manual Integrations
APPROVED

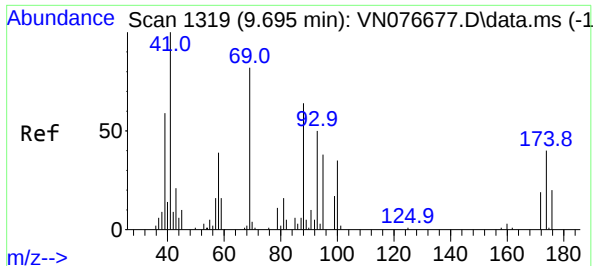
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
Isopropyl Acetate
Concen: 7.824 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 43 Resp: 94117
Ion Ratio Lower Upper
43 100
61 24.2 19.5 29.3





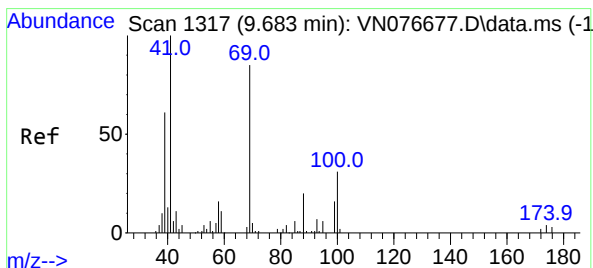
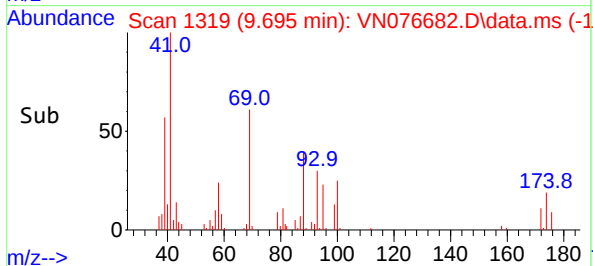
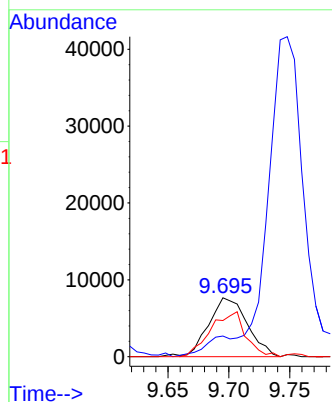
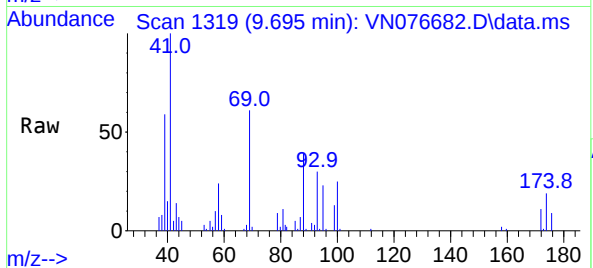
#45
1,4-Dioxane
Concen: 171.322 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 16800
Ion Ratio Lower Upper
88 100
43 24.0 26.0 39.0
58 69.5 54.3 81.5

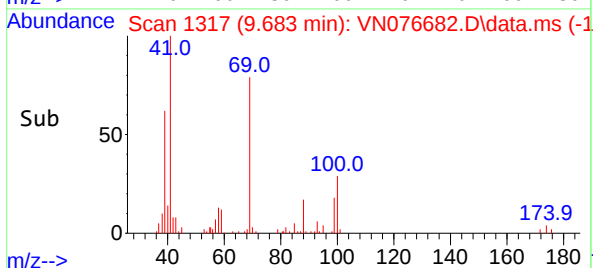
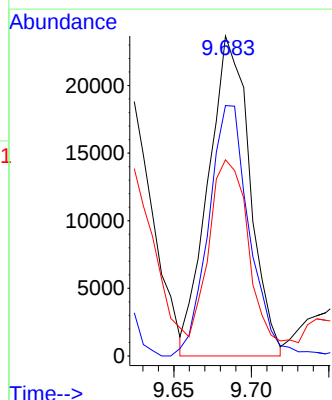
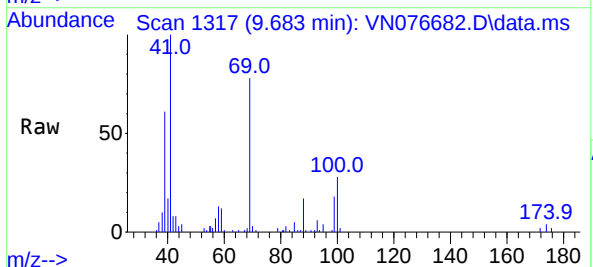
Manual Integrations
APPROVED

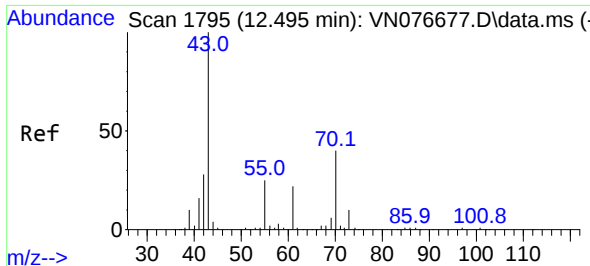
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#46
Methyl methacrylate
Concen: 7.609 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 41 Resp: 44132
Ion Ratio Lower Upper
41 100
69 78.2 40.6 121.7
39 58.3 30.5 91.5





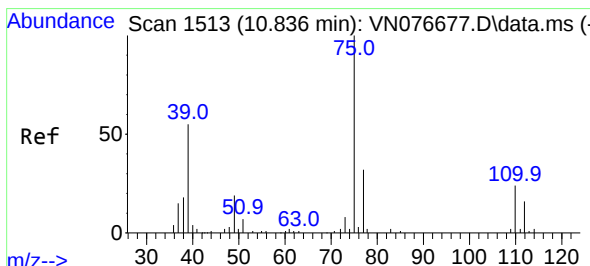
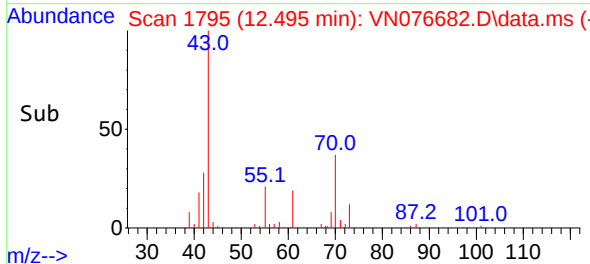
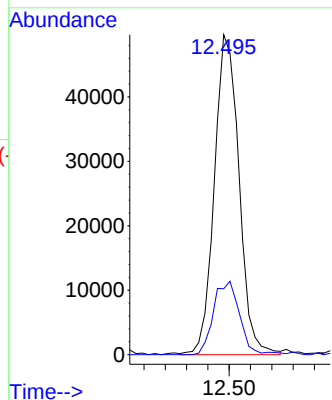
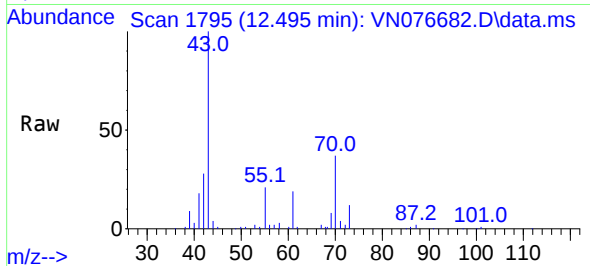
#47
n-amyl acetate
Concen: 7.801 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 79769
Ion Ratio Lower Upper
43 100
55 23.8 18.3 27.5

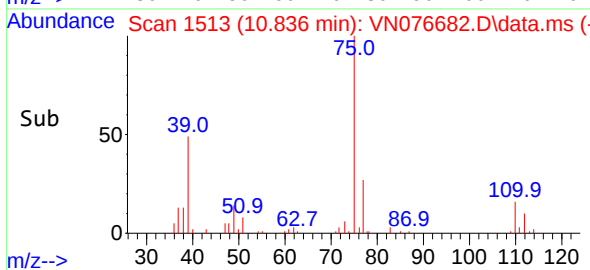
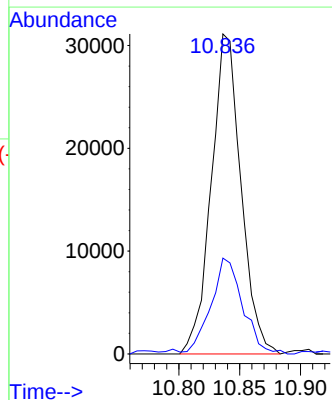
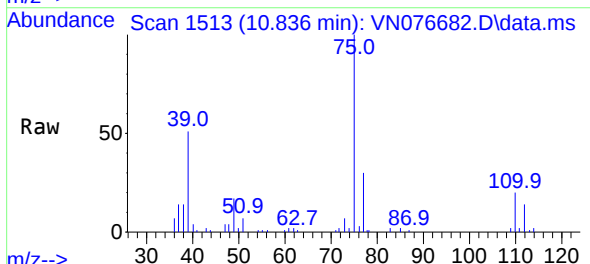
Manual Integrations
APPROVED

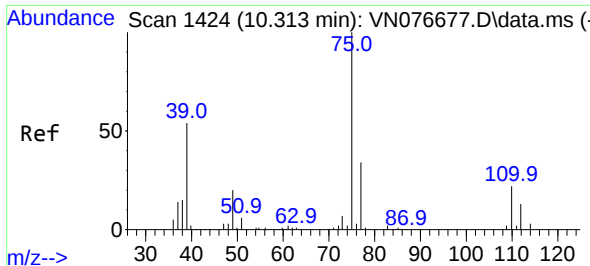
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#48
t-1,3-Dichloropropene
Concen: 7.800 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 75 Resp: 52911
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2





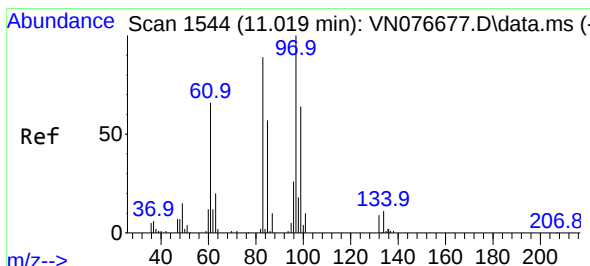
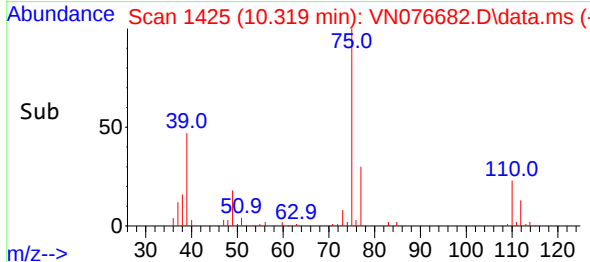
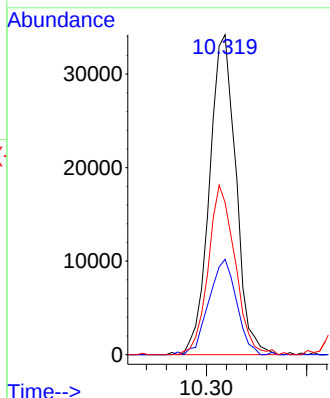
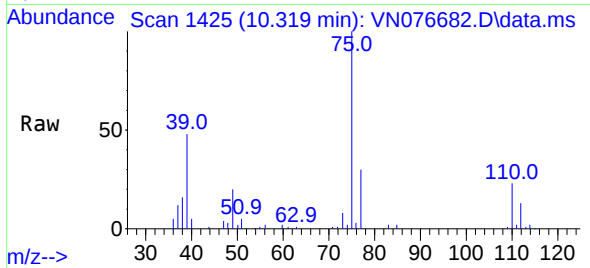
#49
 cis-1,3-Dichloropropene
 Concen: 8.353 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 6264
 Ion Ratio Lower Upper
 75 100
 77 29.8 27.5 41.3
 39 47.6 43.5 65.3

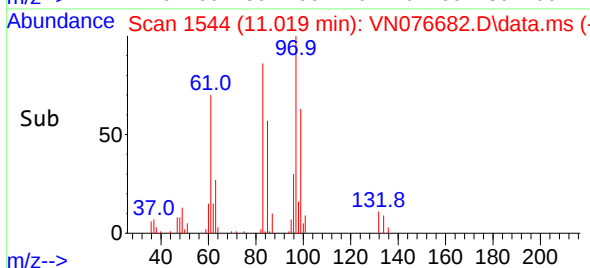
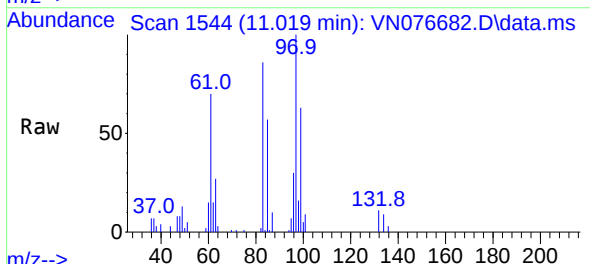
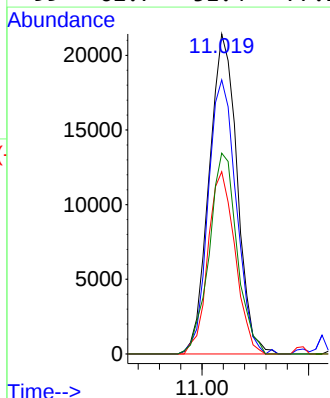
Manual Integrations
 APPROVED

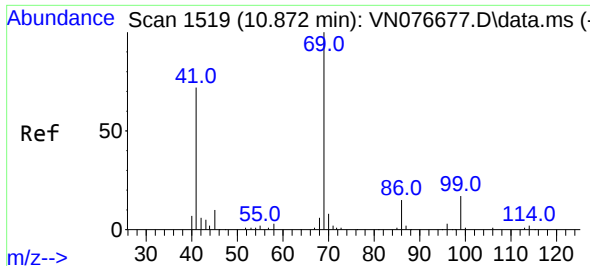
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#50
 1,1,2-Trichloroethane
 Concen: 8.971 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50

Tgt Ion: 97 Resp: 39050
 Ion Ratio Lower Upper
 97 100
 83 85.6 71.0 106.4
 85 57.0 45.5 68.3
 99 62.7 51.4 77.2





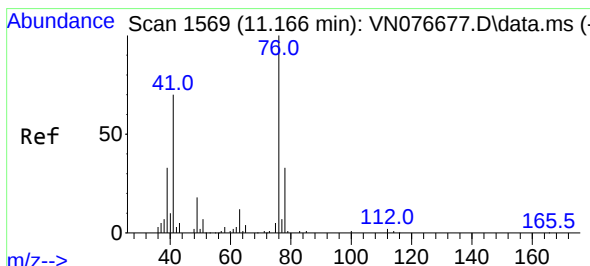
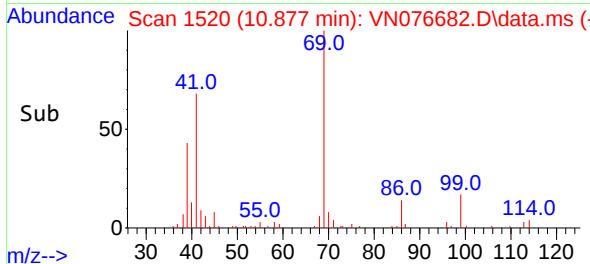
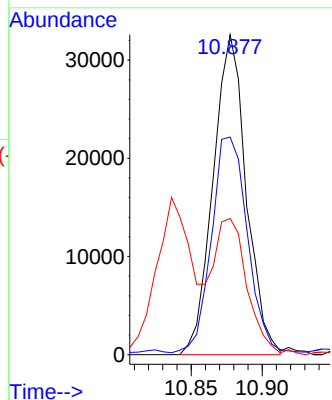
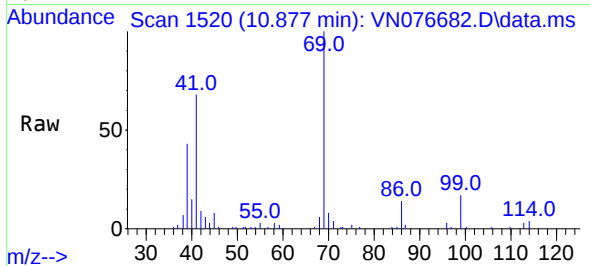
#51
Ethyl methacrylate
Concen: 7.656 ug/l
RT: 10.877 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 69 Resp: 52910
Ion Ratio Lower Upper
69 100
41 66.6 36.3 108.7
39 40.7 19.9 59.7

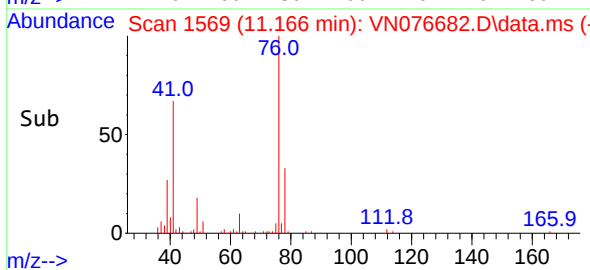
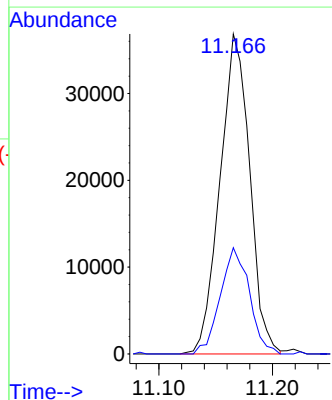
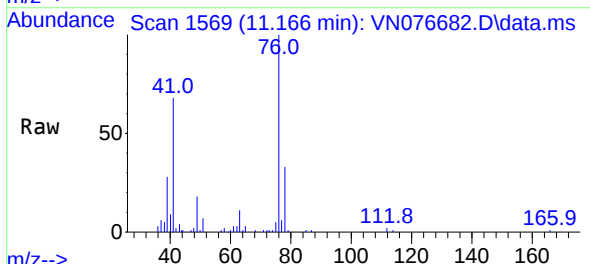
Manual Integrations
APPROVED

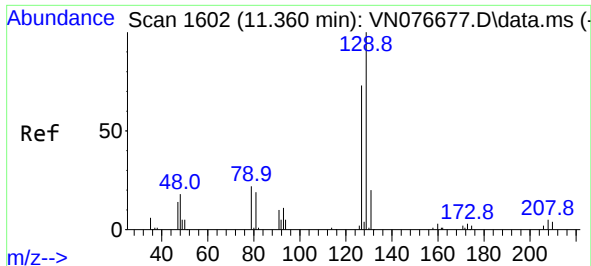
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
1,3-Dichloropropane
Concen: 8.245 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 76 Resp: 66896
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





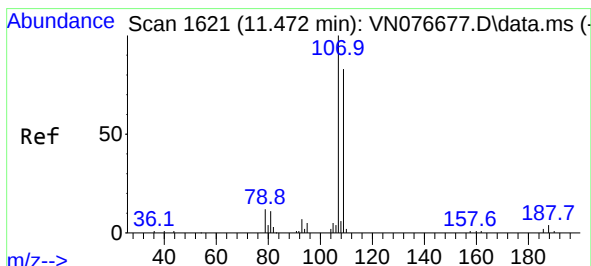
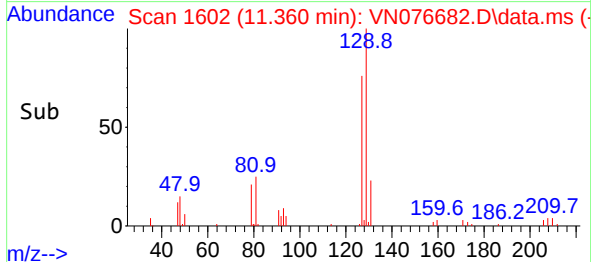
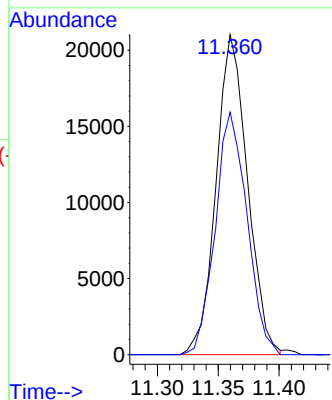
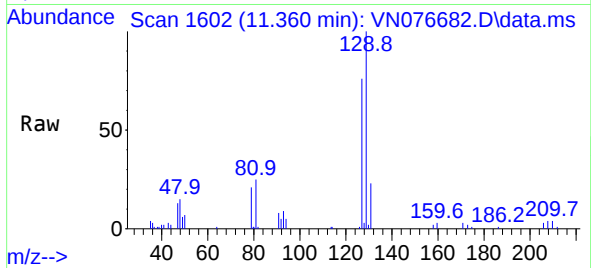
#53
Dibromochloromethane
Concen: 8.333 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:129 Resp: 3769
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.1

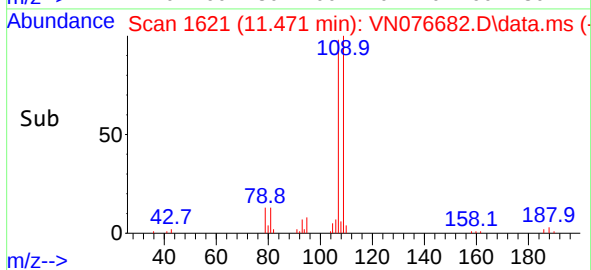
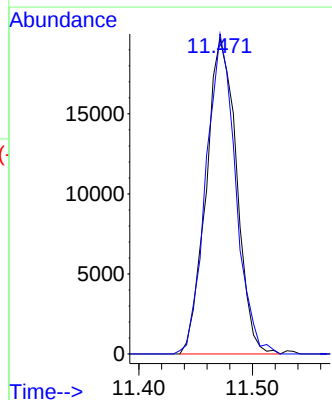
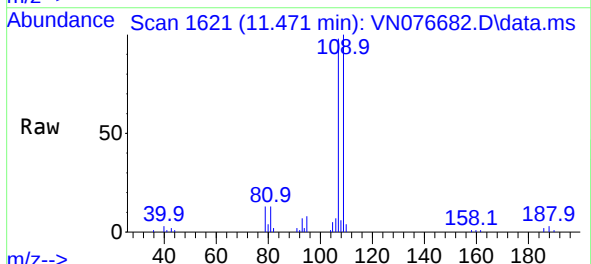
Manual Integrations
APPROVED

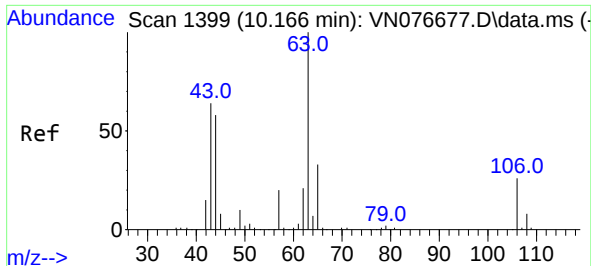
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
1,2-Dibromoethane
Concen: 8.319 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:107 Resp: 36641
Ion Ratio Lower Upper
107 100
109 97.9 74.6 112.0





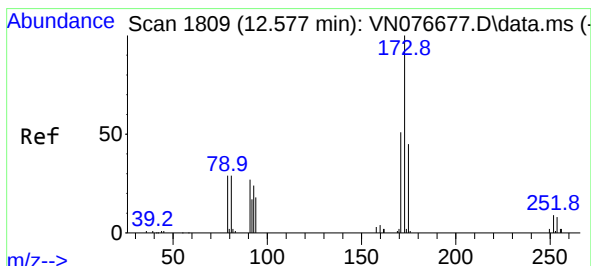
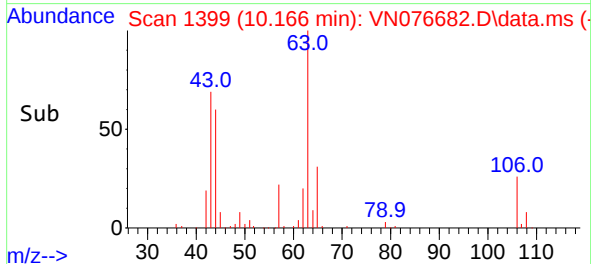
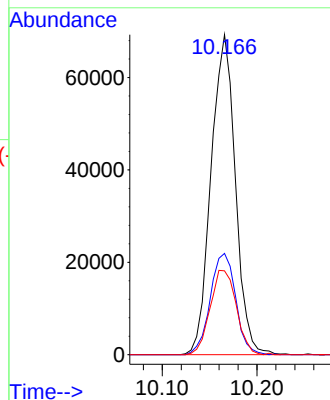
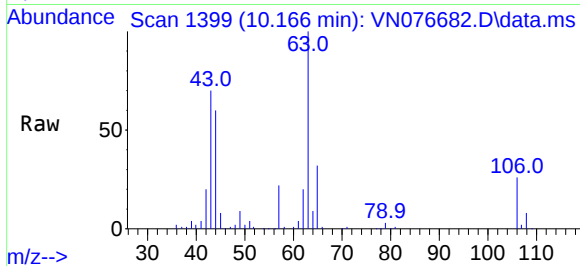
#55
2-Chloroethyl vinyl ether
Concen: 39.170 ug/l
RT: 10.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 123659
Ion Ratio Lower Upper
63 100
65 33.0 26.3 39.5
106 28.4 21.6 32.4

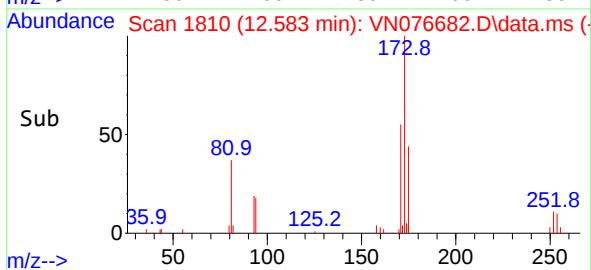
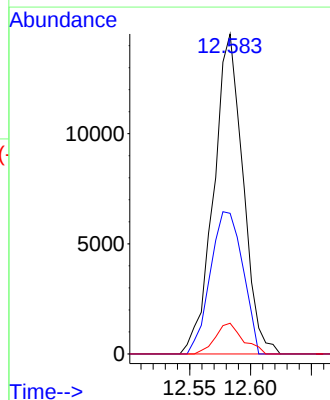
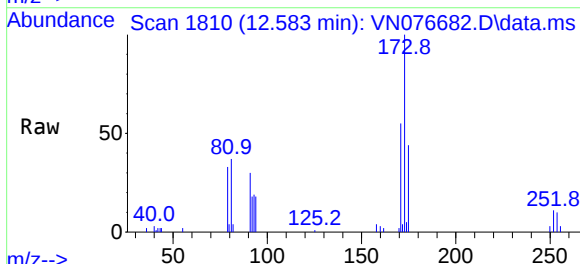
Manual Integrations
APPROVED

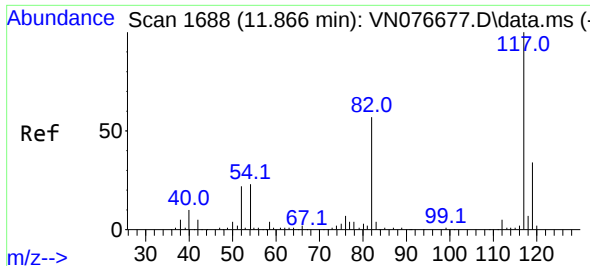
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 8.335 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:173 Resp: 24279
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.6
254 9.0 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

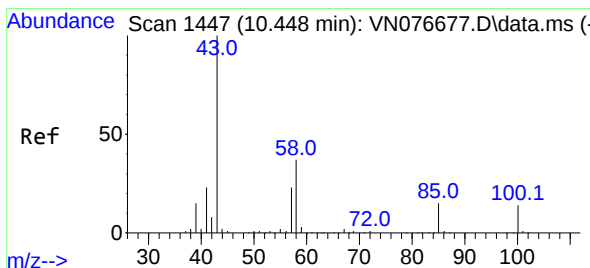
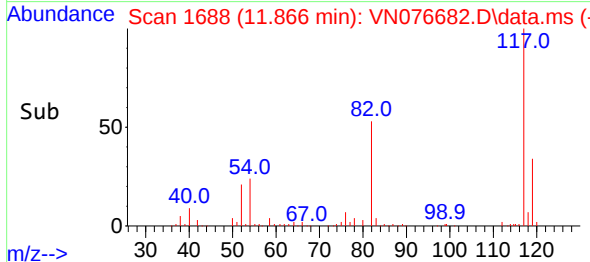
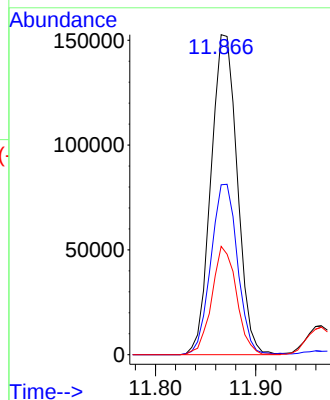
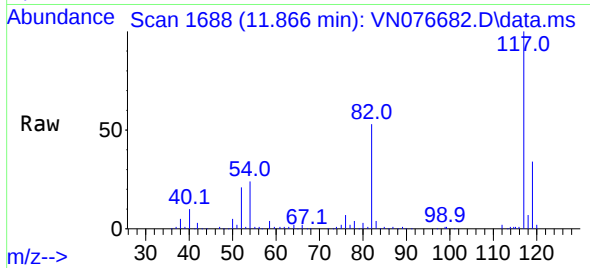
VSTDICC010

Tgt Ion:117 Resp: 27754
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 31.9 26.8 40.2

Manual Integrations

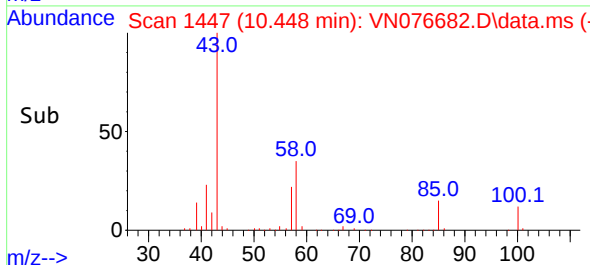
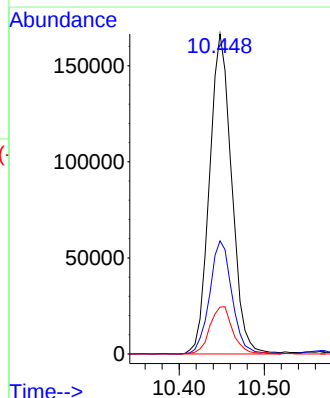
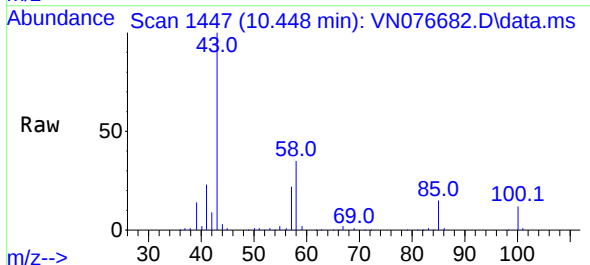
APPROVED

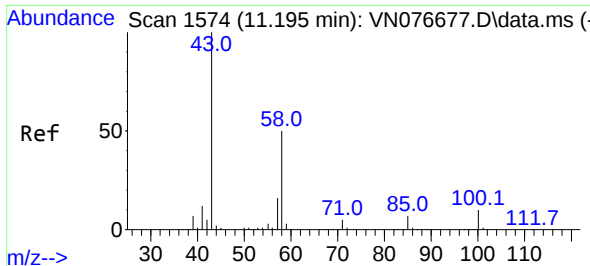
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
4-Methyl-2-Pentanone
Concen: 38.826 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

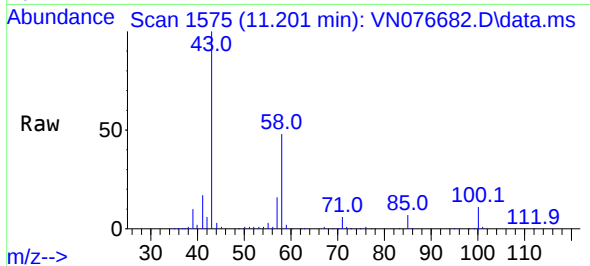
Tgt Ion: 43 Resp: 301243
Ion Ratio Lower Upper
43 100
58 35.5 28.6 42.8
85 15.1 11.8 17.8





#59
2-Hexanone
Concen: 40.419 ug/l
RT: 11.201 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

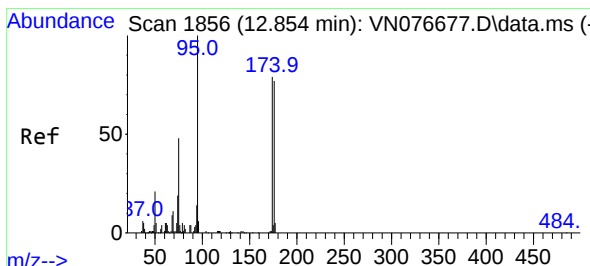
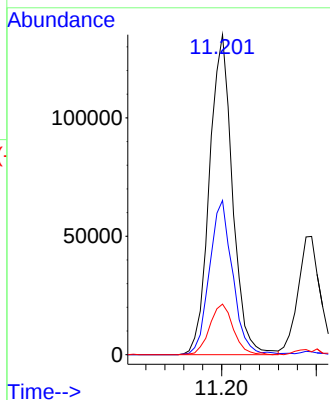
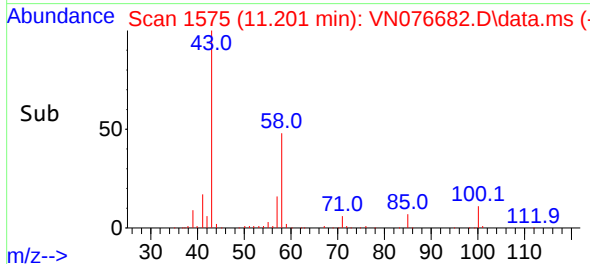
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



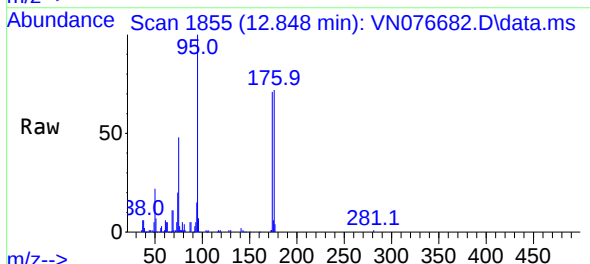
Tgt Ion: 43 Resp: 228014
Ion Ratio Lower Upper
43 100
58 48.1 40.6 60.8
57 16.2 13.1 19.7

Manual Integrations
APPROVED

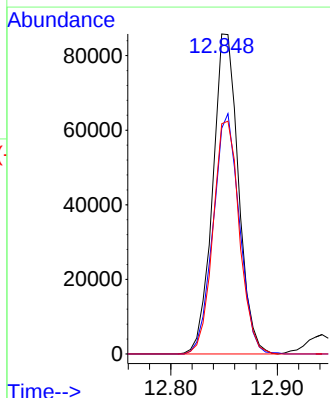
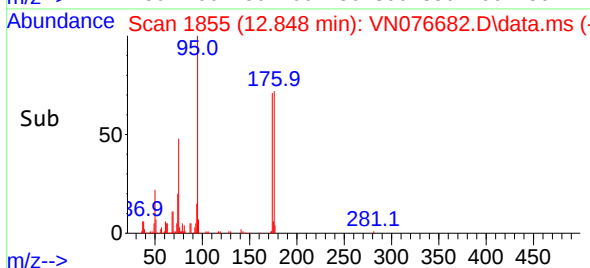
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

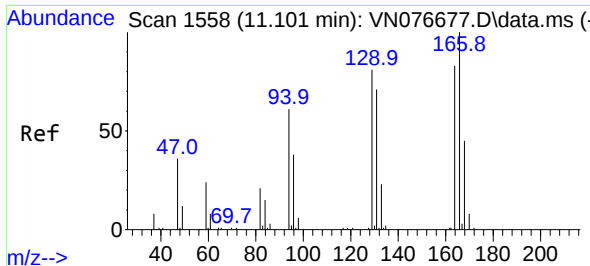


#60
4-Bromofluorobenzene
Concen: 22.961 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



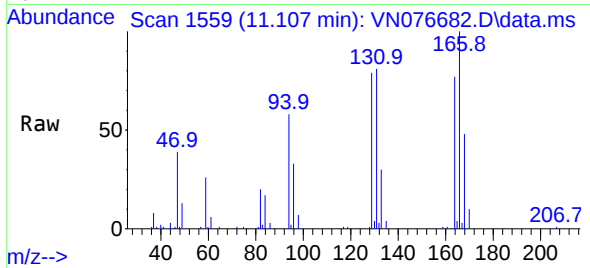
Tgt Ion: 95 Resp: 143872
Ion Ratio Lower Upper
95 100
174 76.4 64.2 96.4
176 74.3 61.4 92.0





#61
Tetrachloroethene
Concen: 8.582 ug/l
RT: 11.107 min Scan# 1558
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

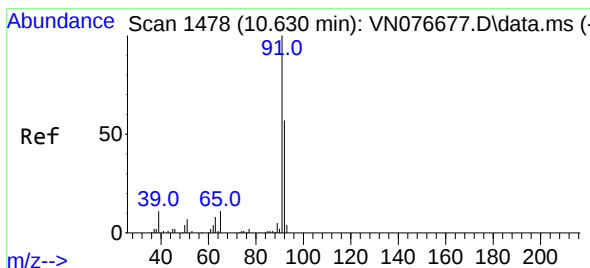
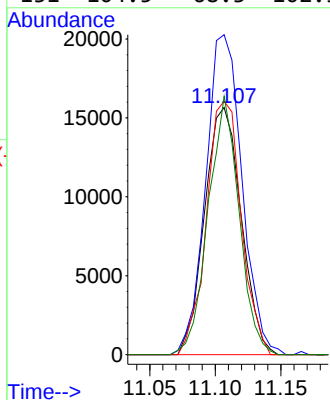
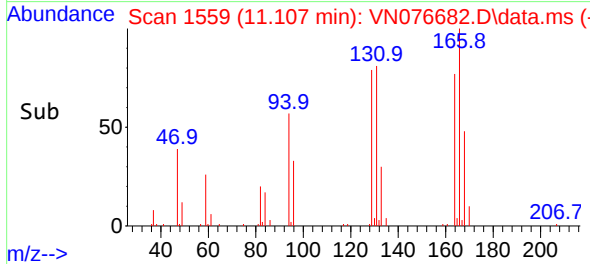
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



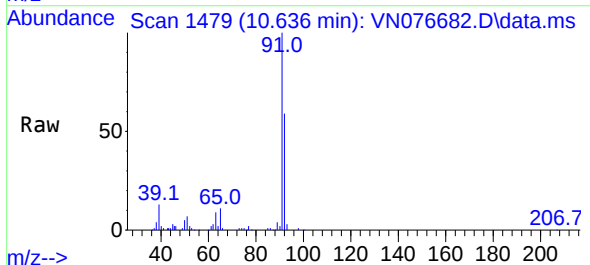
Tgt Ion:164 Resp: 30440
Ion Ratio Lower Upper
164 100
166 127.8 96.2 144.2
129 102.6 78.2 117.4
131 104.5 68.3 102.5#

Manual Integrations
APPROVED

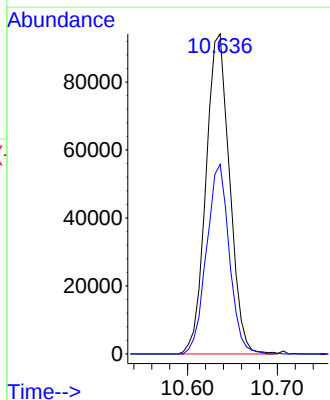
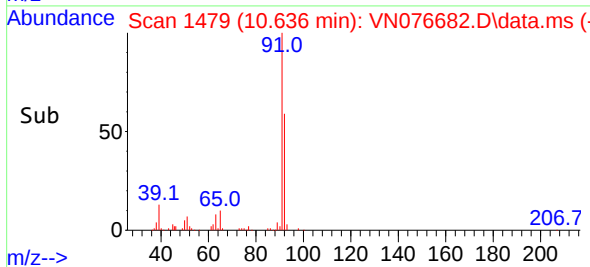
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

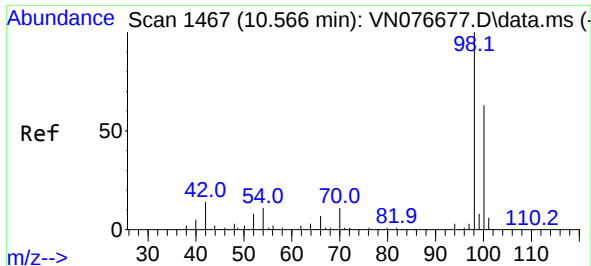


#62
Toluene
Concen: 8.383 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



Tgt Ion: 91 Resp: 172500
Ion Ratio Lower Upper
91 100
92 57.0 46.3 69.5





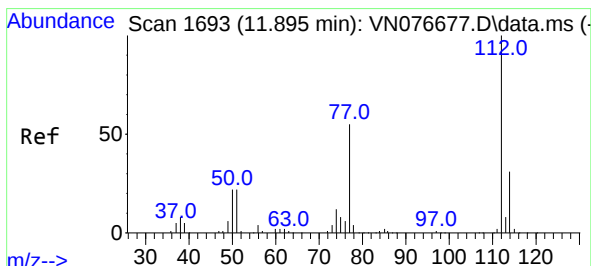
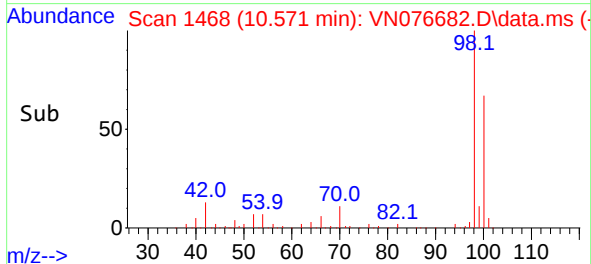
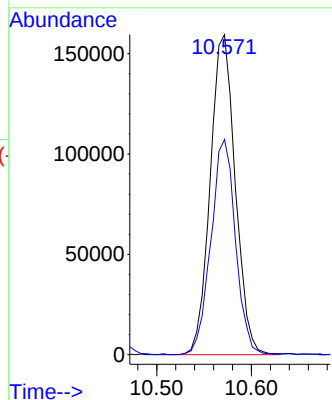
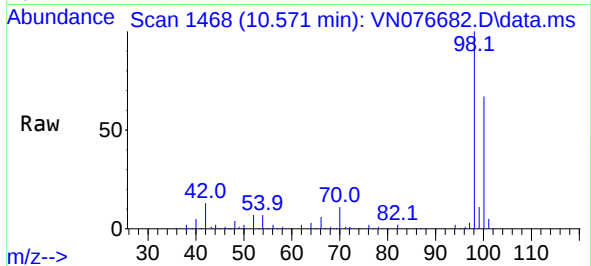
#63
Toluene-d8
Concen: 28.766 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 98 Resp: 29315
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6

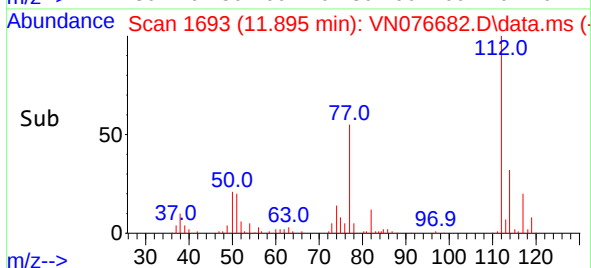
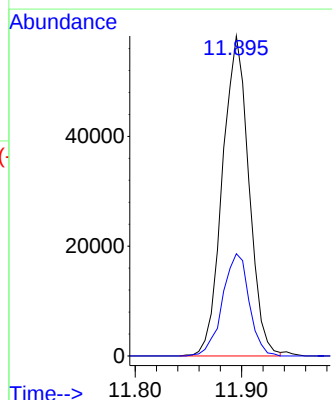
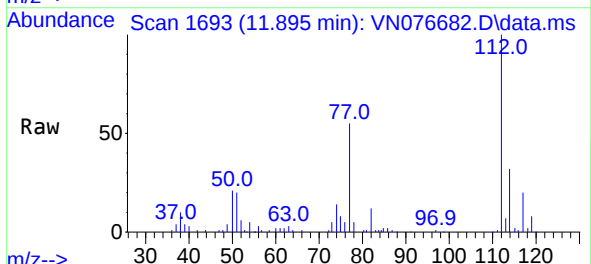
Manual Integrations
APPROVED

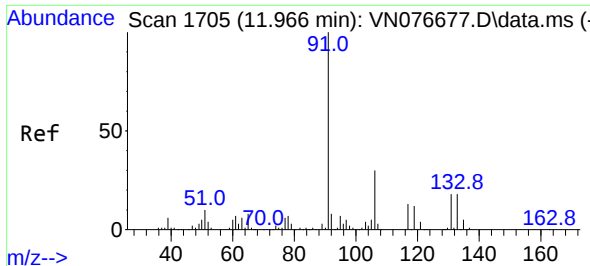
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Chlorobenzene
Concen: 8.447 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:112 Resp: 100691
Ion Ratio Lower Upper
112 100
114 31.9 24.5 36.7





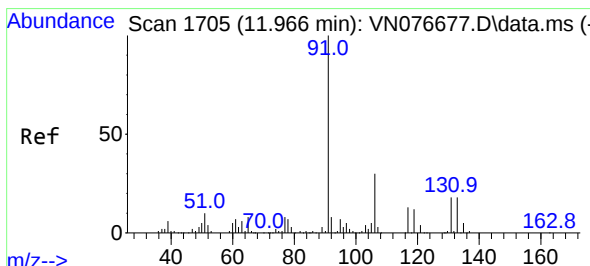
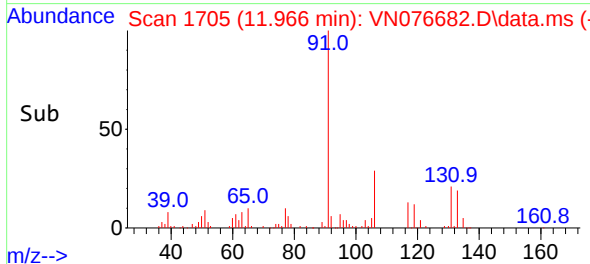
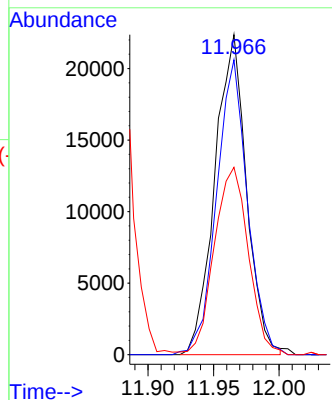
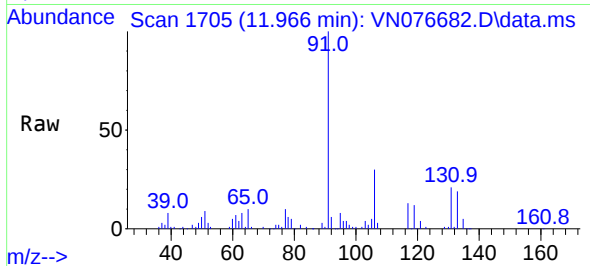
#65
1,1,1,2-Tetrachloroethane
Concen: 8.296 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 37492
Ion Ratio Lower Upper
131 100
133 89.9 0.0 197.6
119 63.1 0.0 127.8

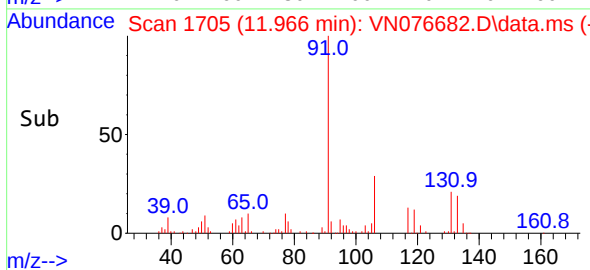
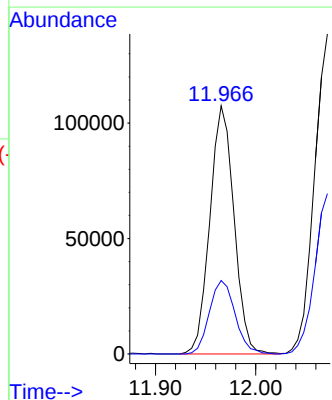
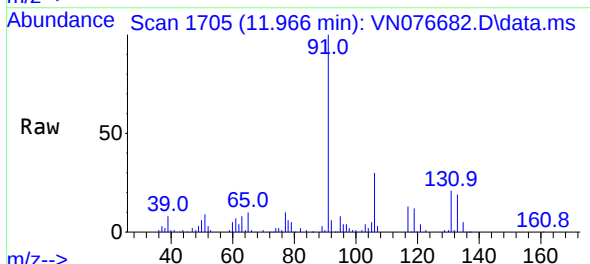
Manual Integrations
APPROVED

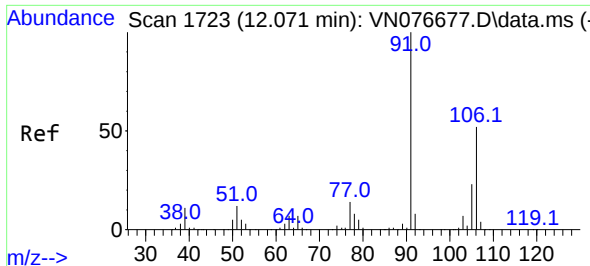
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 7.987 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 91 Resp: 180182
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8





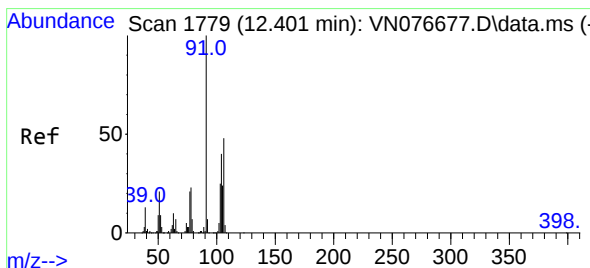
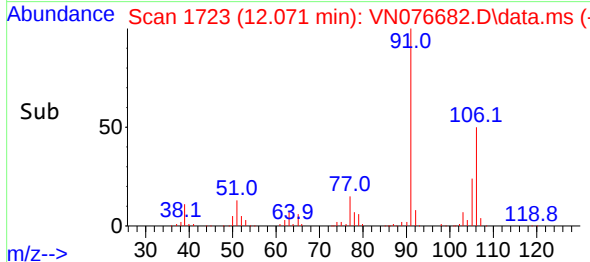
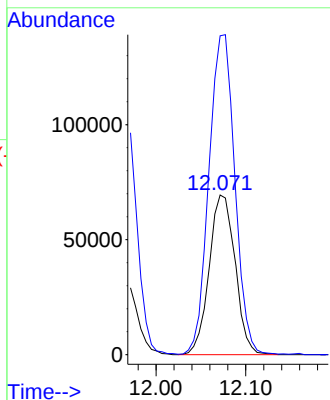
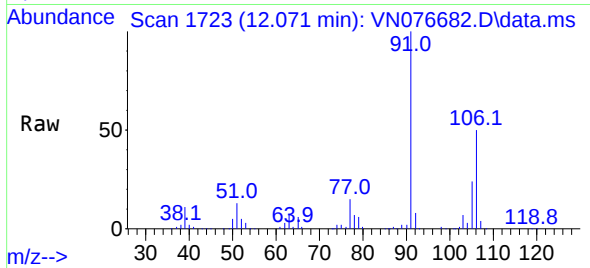
#67
m/p-Xylenes
Concen: 16.484 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 139524
Ion Ratio Lower Upper
106 100
91 200.7 157.4 236.2

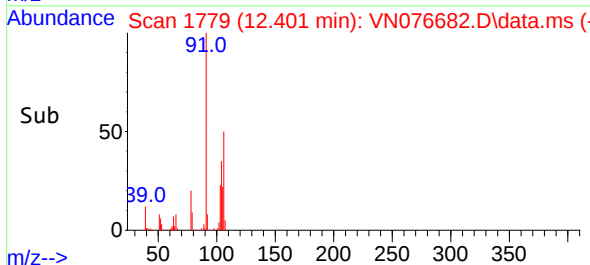
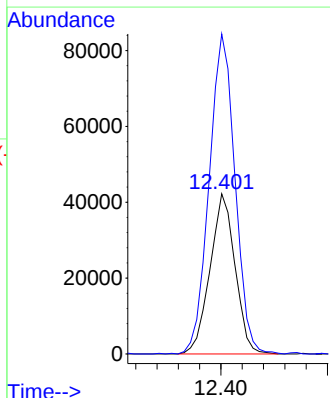
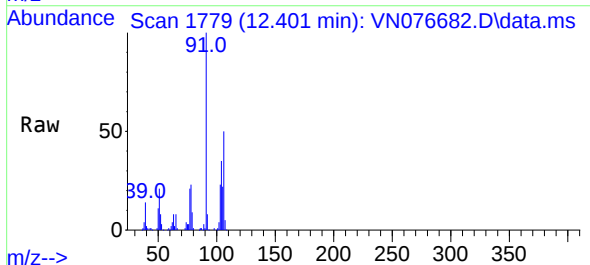
Manual Integrations
APPROVED

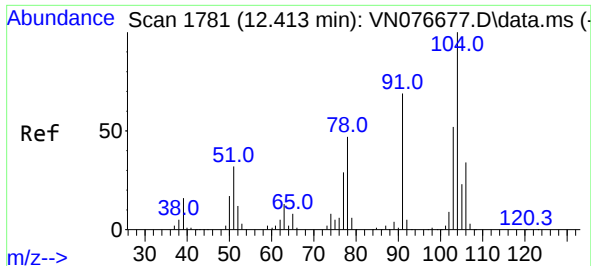
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 8.265 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:106 Resp: 68922
Ion Ratio Lower Upper
106 100
91 206.3 107.2 321.6





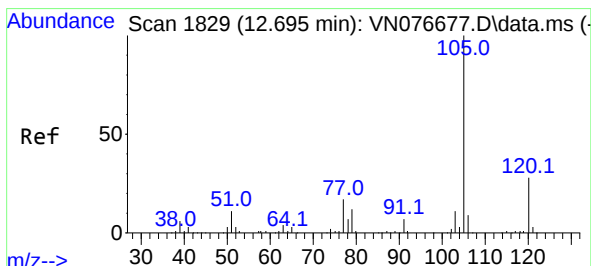
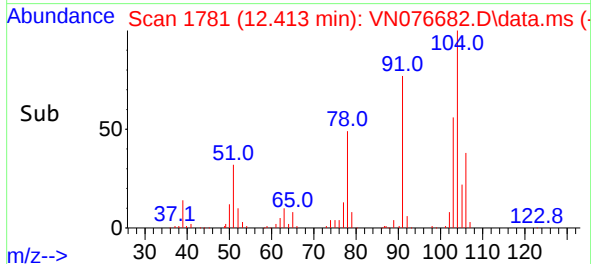
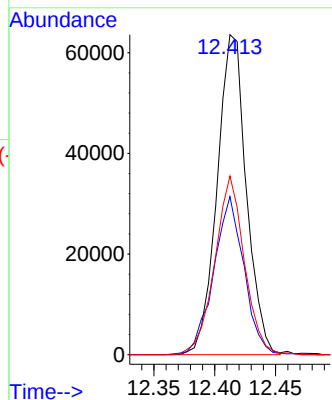
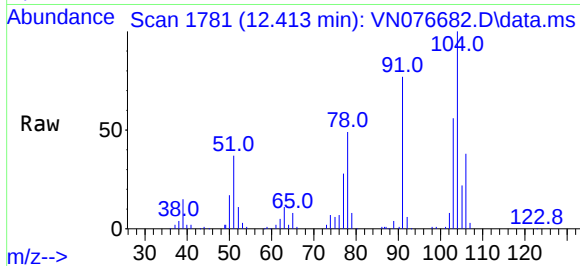
#69
Styrene
Concen: 8.036 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 10636
Ion Ratio Lower Upper
104 100
78 51.0 39.6 59.4
103 56.6 43.9 65.9

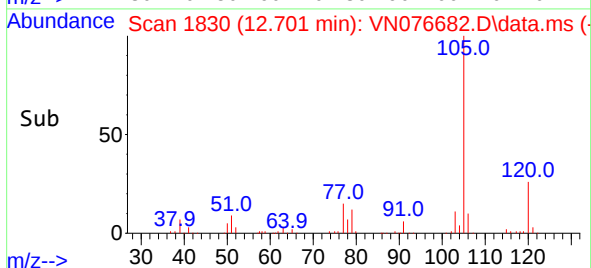
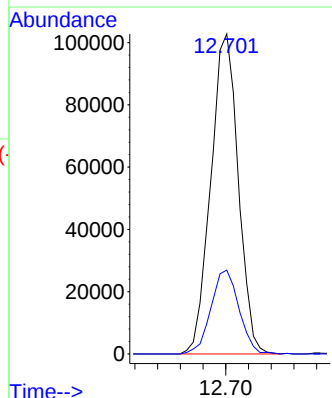
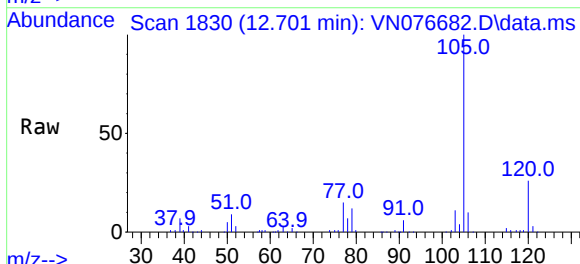
Manual Integrations
APPROVED

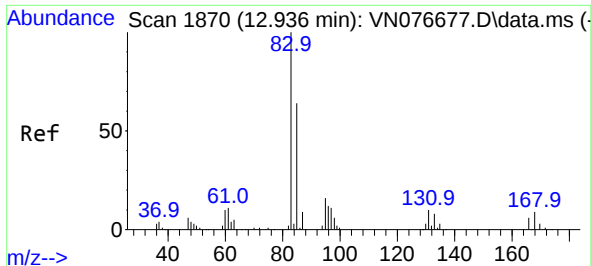
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Isopropylbenzene
Concen: 7.718 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:105 Resp: 172469
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2





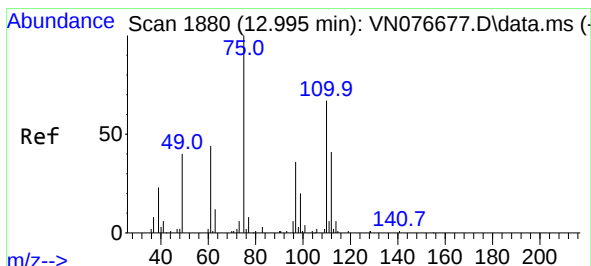
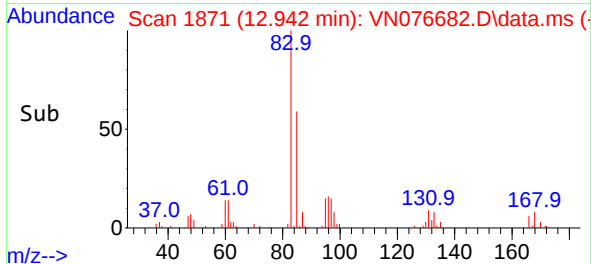
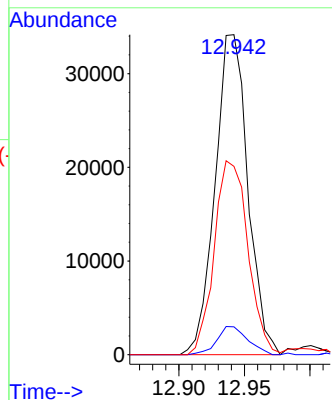
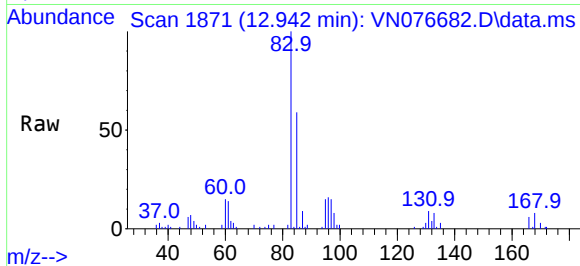
#71
1,1,2,2-Tetrachloroethane
Concen: 7.620 ug/l
RT: 12.942 min Scan# 1870
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 59364
Ion Ratio Lower Upper
83 100
131 8.3 5.0 14.9
85 62.2 32.3 96.9

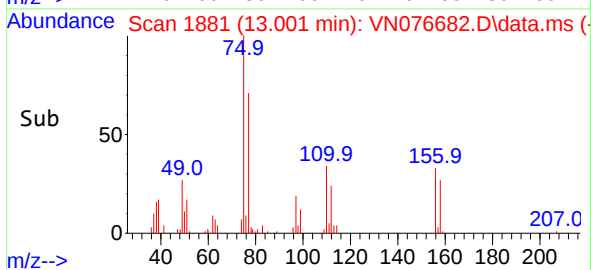
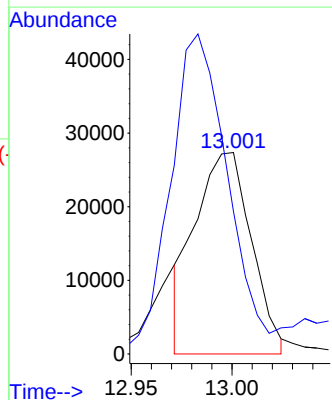
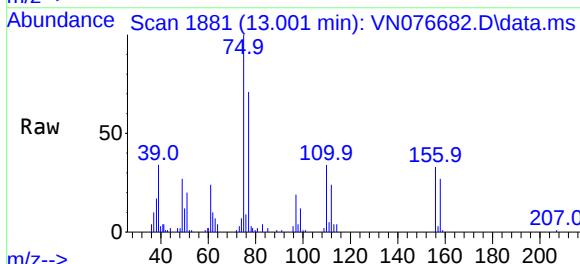
Manual Integrations
APPROVED

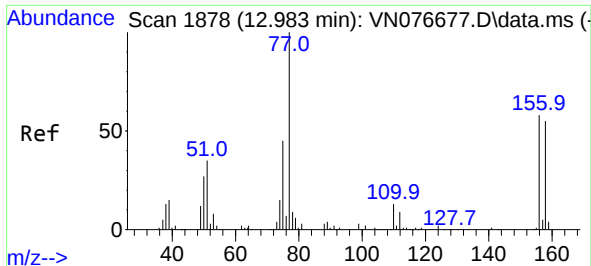
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
1,2,3-Trichloropropane
Concen: 7.475 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 75 Resp: 53191
Ion Ratio Lower Upper
75 100
77 161.4 0.0 332.6





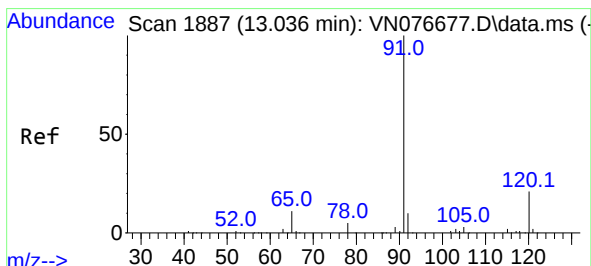
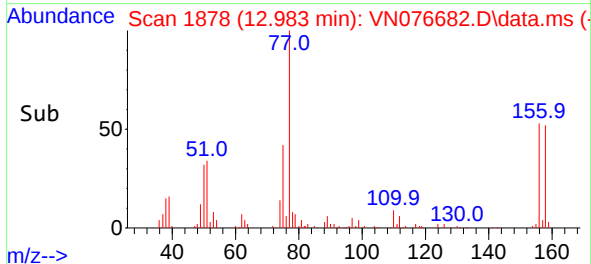
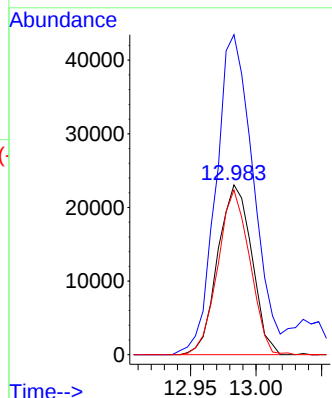
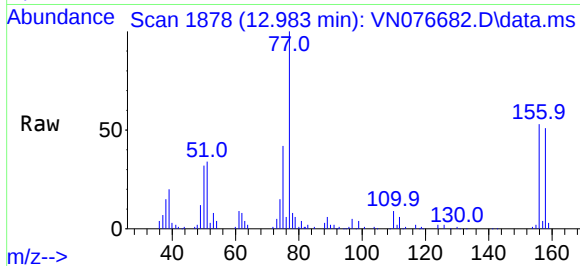
#73
Bromobenzene
Concen: 7.841 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 41574
Ion Ratio Lower Upper
156 100
77 206.4 0.0 423.0
158 91.1 0.0 188.6

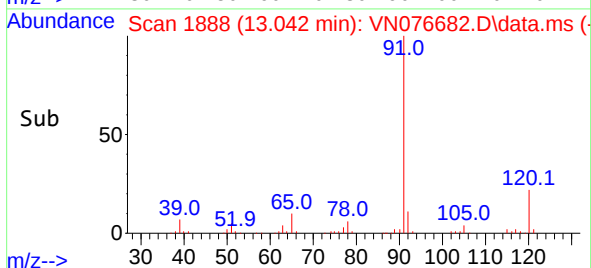
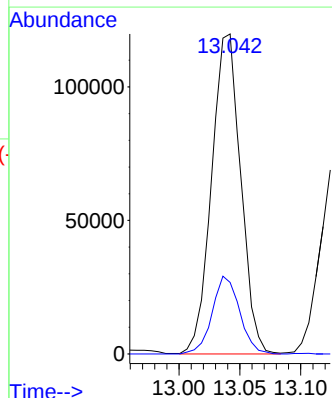
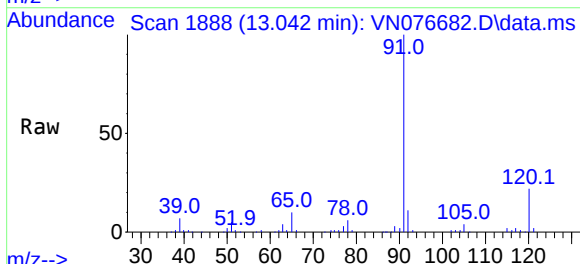
Manual Integrations
APPROVED

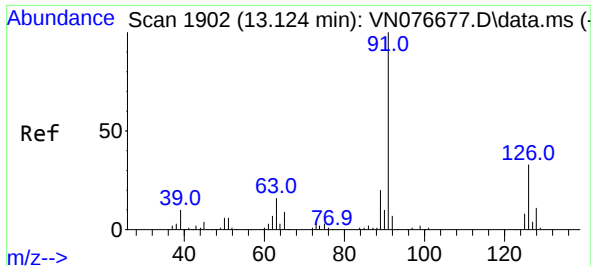
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
n-propylbenzene
Concen: 6.962 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 91 Resp: 199543
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.0





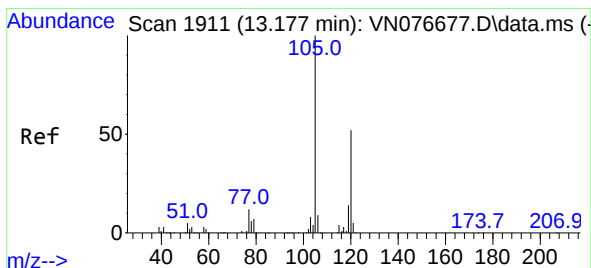
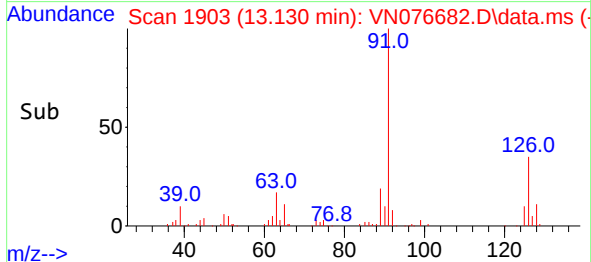
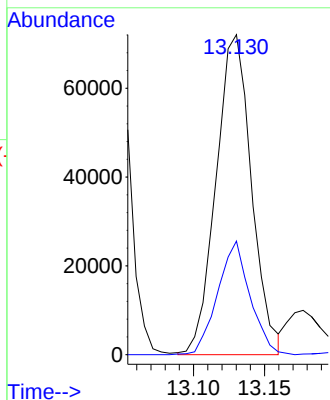
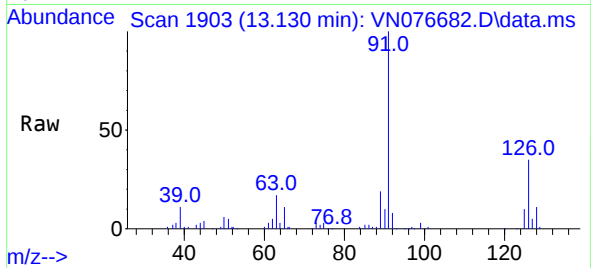
#75
2-Chlorotoluene
Concen: 6.947 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 125230
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.4

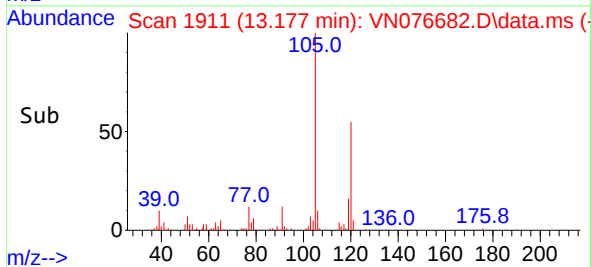
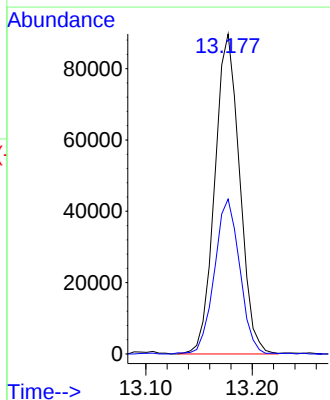
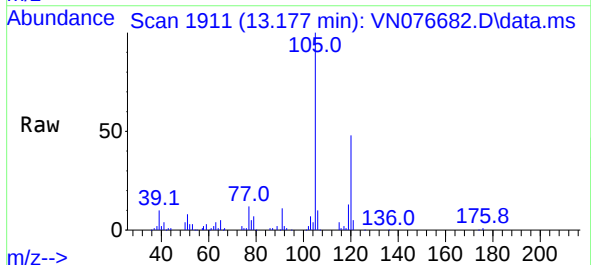
Manual Integrations
APPROVED

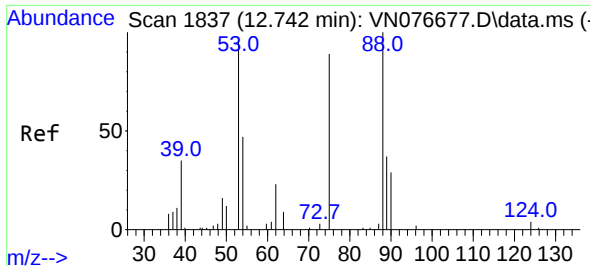
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 6.976 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:105 Resp: 145573
Ion Ratio Lower Upper
105 100
120 48.8 0.0 103.2





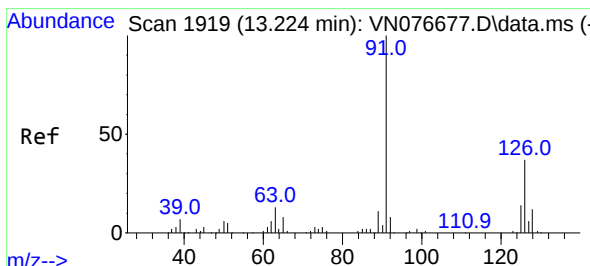
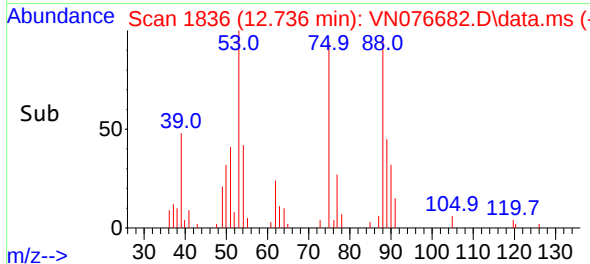
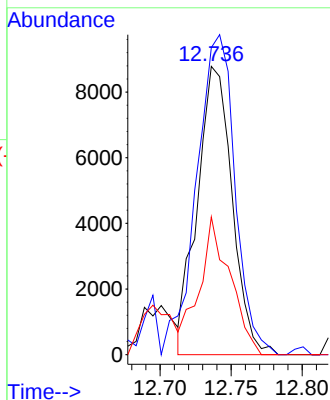
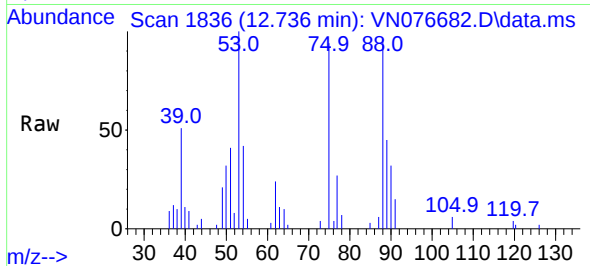
#77
t-1,4-Dichloro-2-butene
Concen: 6.979 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 14978
Ion Ratio Lower Upper
75 100
53 106.5 50.4 151.3
89 47.8 22.1 66.5

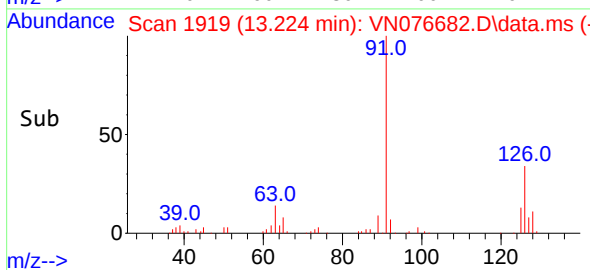
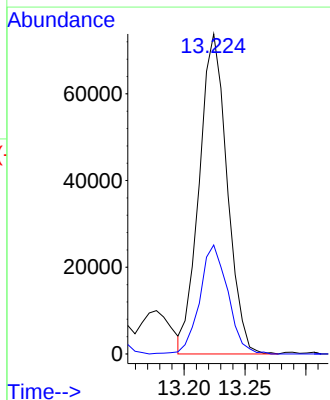
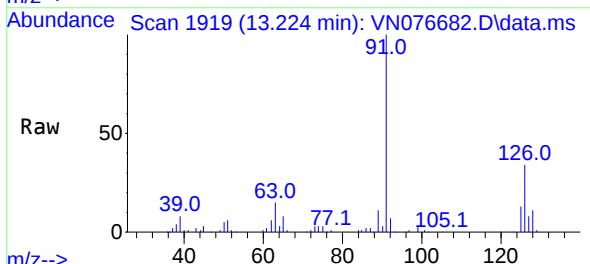
Manual Integrations
APPROVED

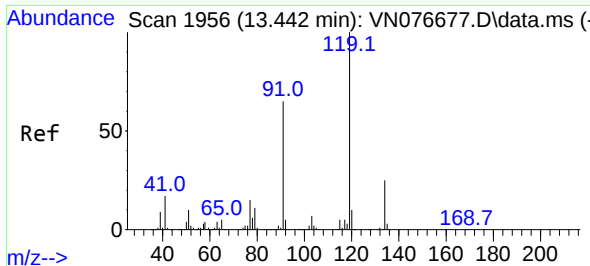
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#78
4-Chlorotoluene
Concen: 6.481 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 91 Resp: 117489
Ion Ratio Lower Upper
91 100
126 34.3 0.0 70.6





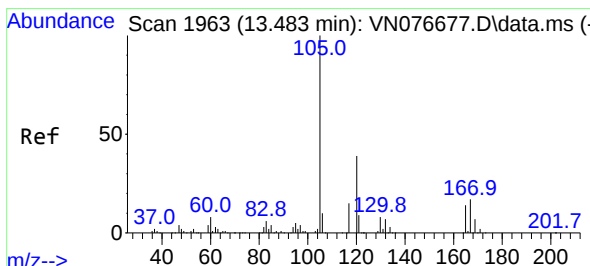
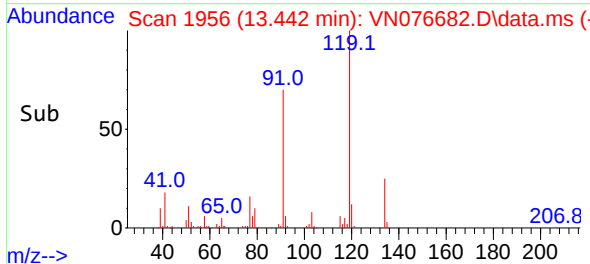
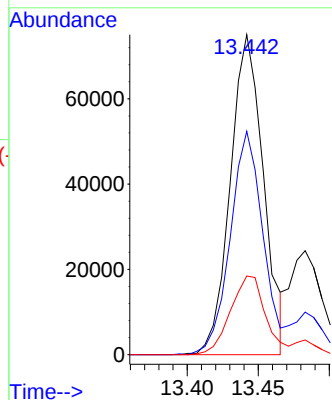
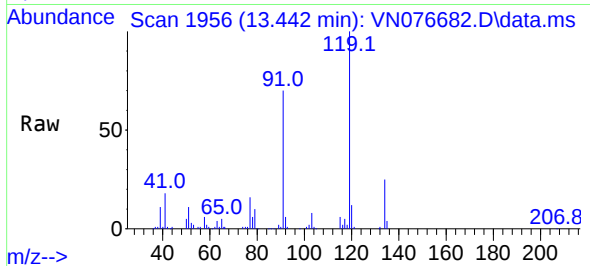
#79
tert-butylbenzene
Concen: 6.892 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 122068
Ion Ratio Lower Upper
119 100
91 68.2 0.0 129.6
134 26.0 0.0 47.8

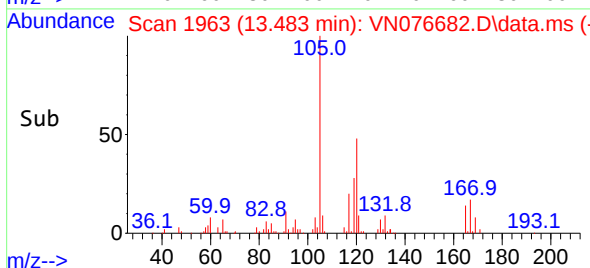
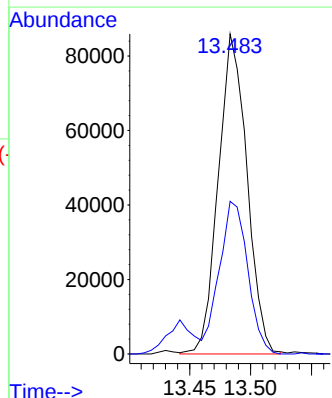
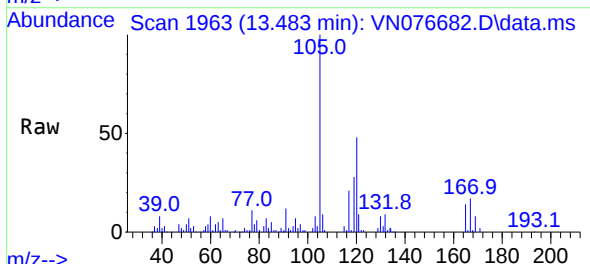
Manual Integrations
APPROVED

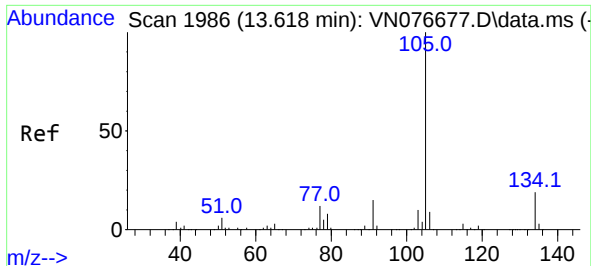
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 6.829 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

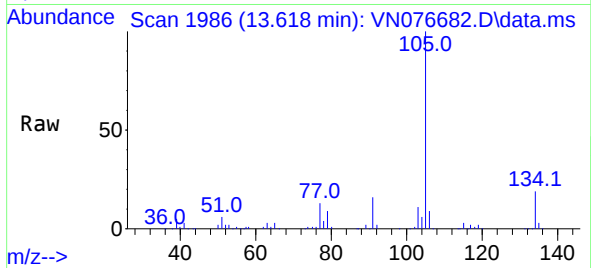
Tgt Ion:105 Resp: 140541
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 7.176 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50

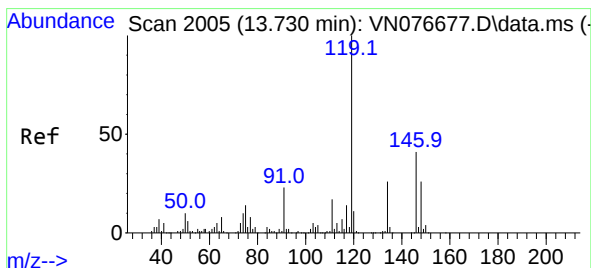
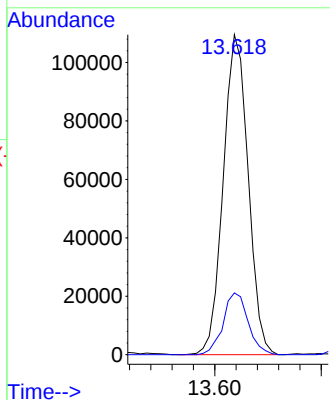
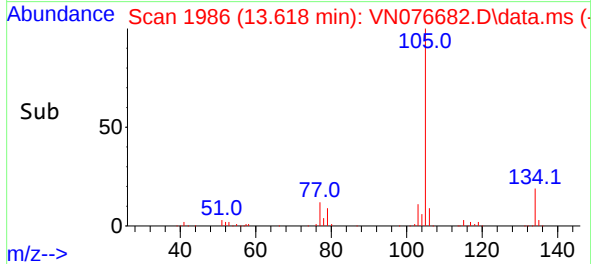
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



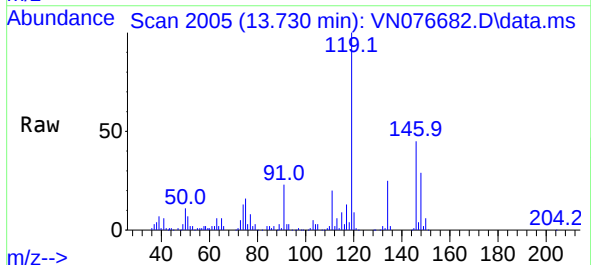
Tgt Ion:105 Resp: 177980
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
 APPROVED

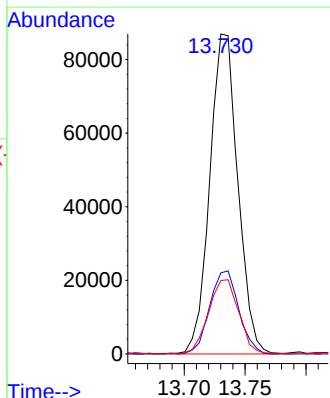
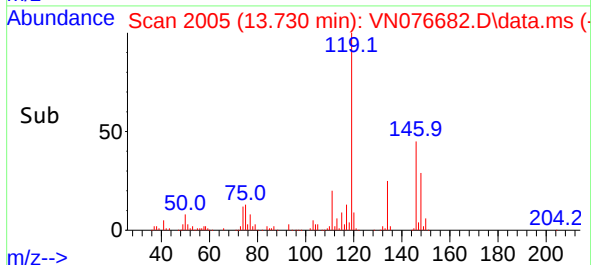
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

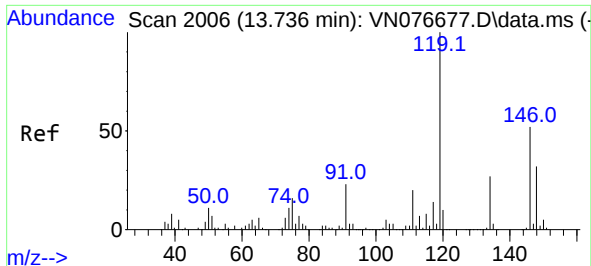


#82
 p-Isopropyltoluene
 Concen: 6.986 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN076682.D
 Acq: 15 Feb 2023 12:50



Tgt Ion:119 Resp: 139206
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.4
 91 25.0 0.0 47.2





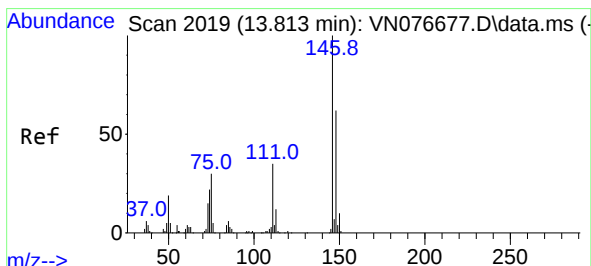
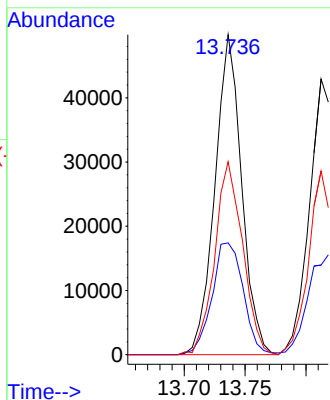
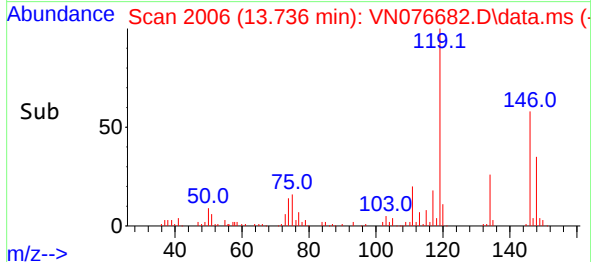
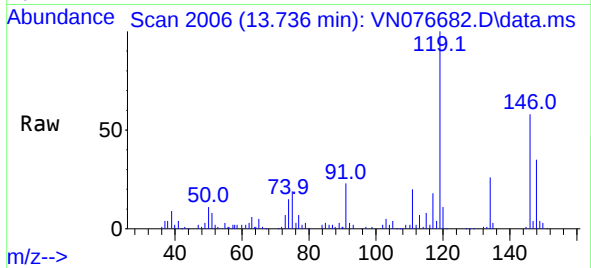
#83
1,3-Dichlorobenzene
Concen: 7.762 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 76120
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 62.7 31.9 95.5

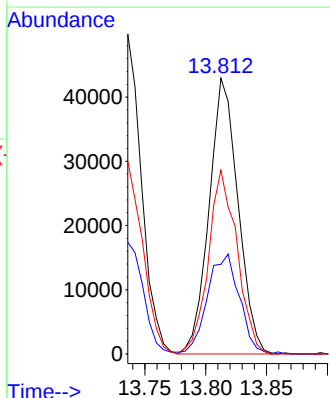
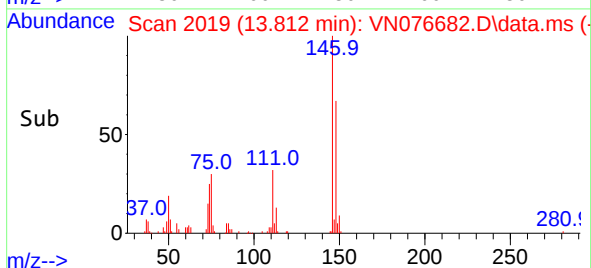
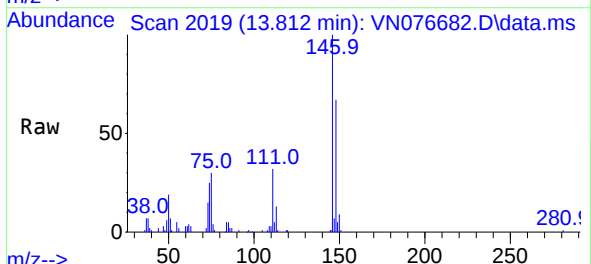
Manual Integrations
APPROVED

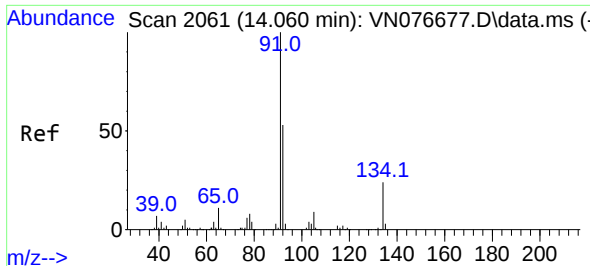
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,4-Dichlorobenzene
Concen: 7.251 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:146 Resp: 70952
Ion Ratio Lower Upper
146 100
111 39.8 18.2 54.6
148 66.1 31.1 93.2





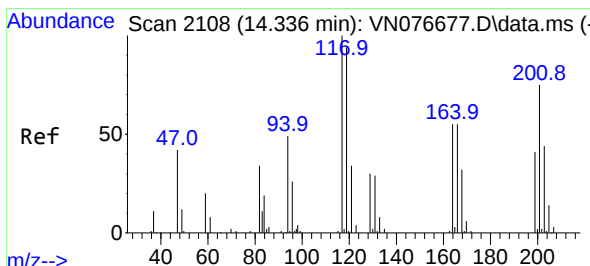
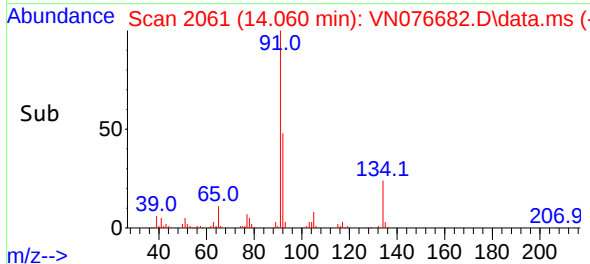
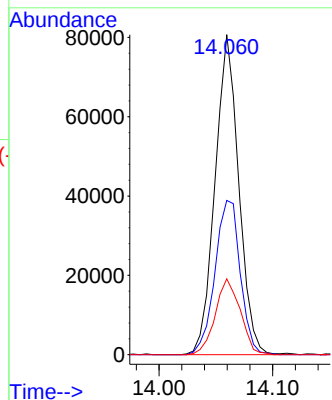
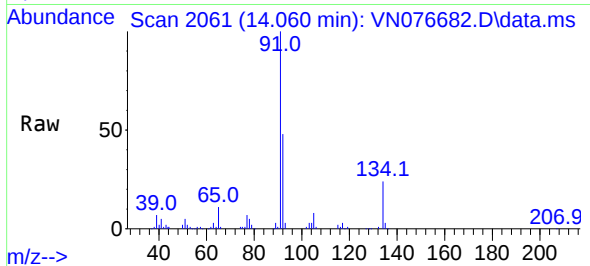
#85
n-Butylbenzene
Concen: 6.323 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 117009
Ion Ratio Lower Upper
91 100
92 51.6 0.0 103.2
134 25.0 0.0 50.0

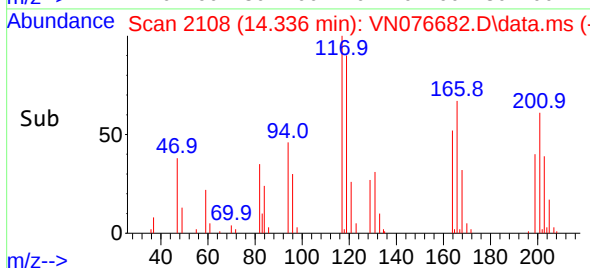
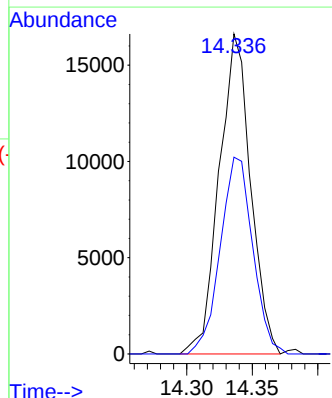
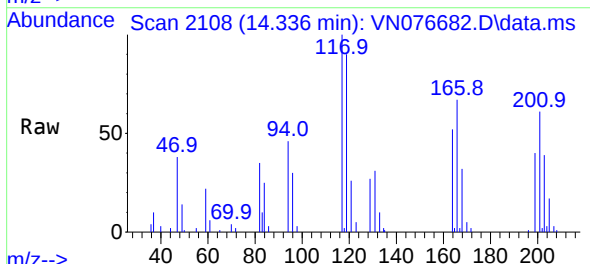
Manual Integrations
APPROVED

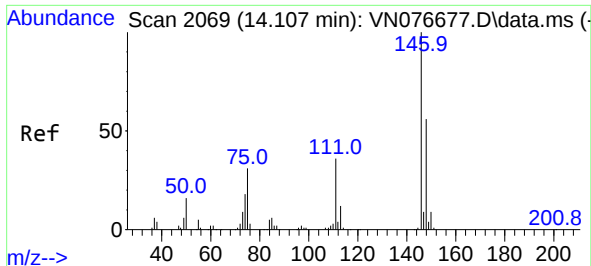
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 7.160 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion:117 Resp: 27703
Ion Ratio Lower Upper
117 100
201 63.5 32.2 96.6





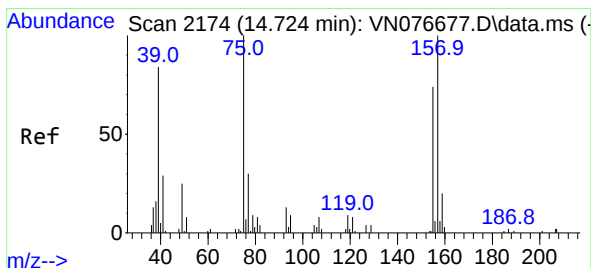
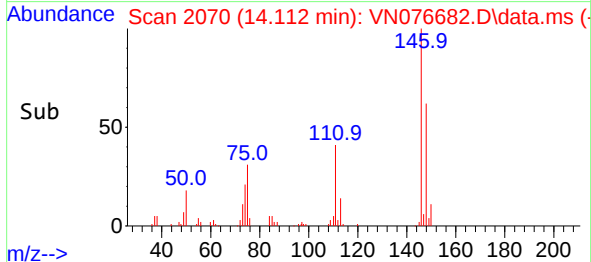
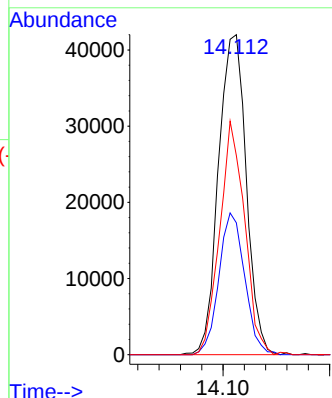
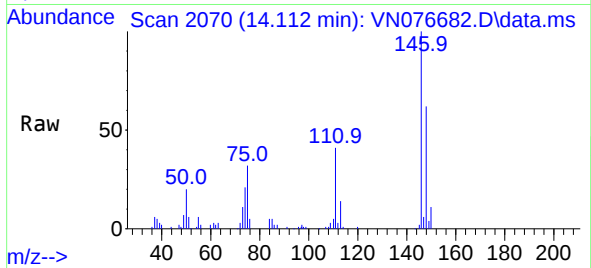
#87
1,2-Dichlorobenzene
Concen: 7.053 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 75928
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 65.5 32.5 97.5

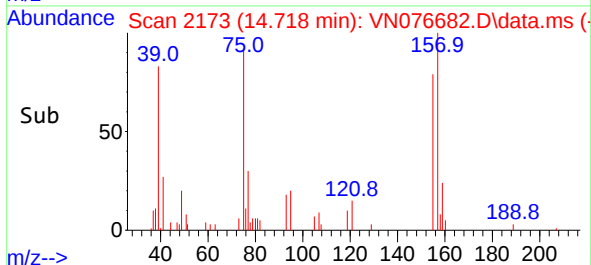
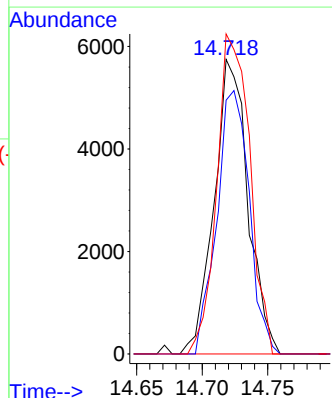
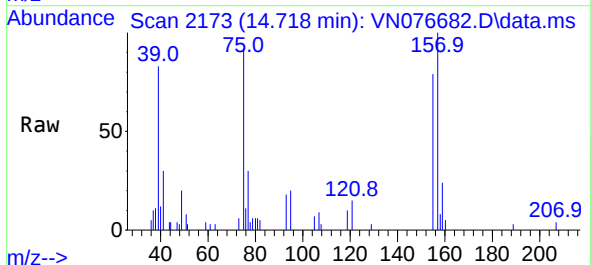
Manual Integrations
APPROVED

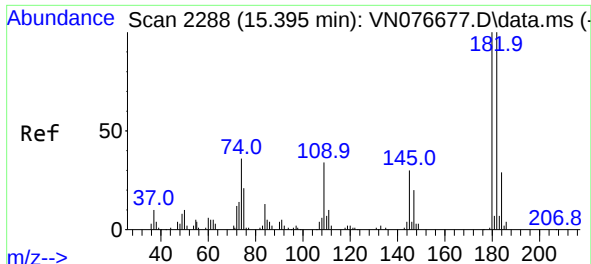
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 6.491 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Tgt Ion: 75 Resp: 10307
Ion Ratio Lower Upper
75 100
155 85.7 62.5 93.7
157 105.8 77.5 116.3





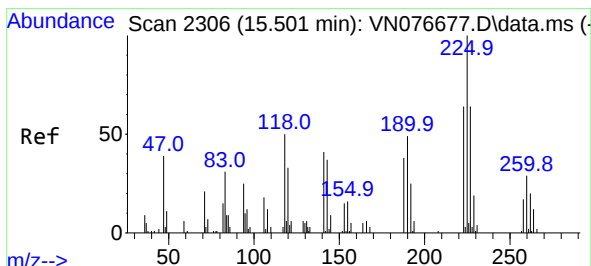
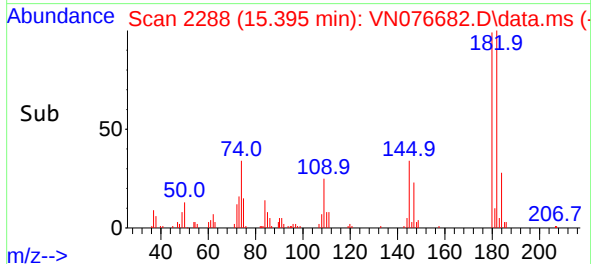
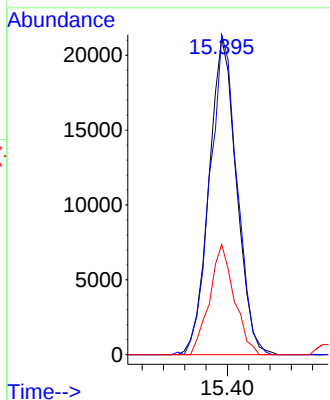
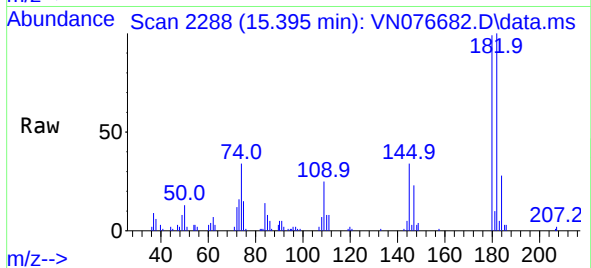
#89
1,2,4-Trichlorobenzene
Concen: 8.455 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 37964
Ion Ratio Lower Upper
180 100
182 99.0 76.6 115.0
145 31.1 24.6 36.8

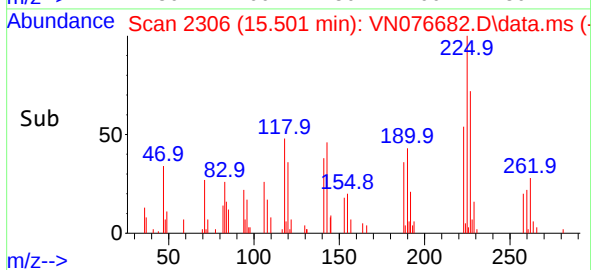
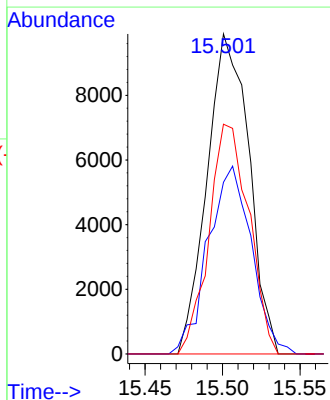
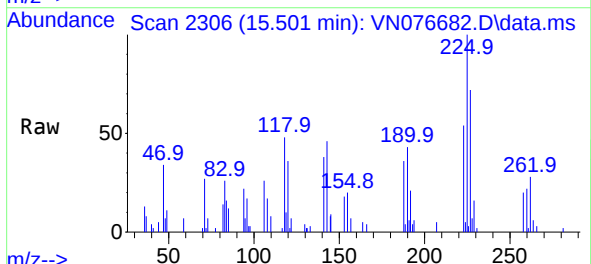
Manual Integrations
APPROVED

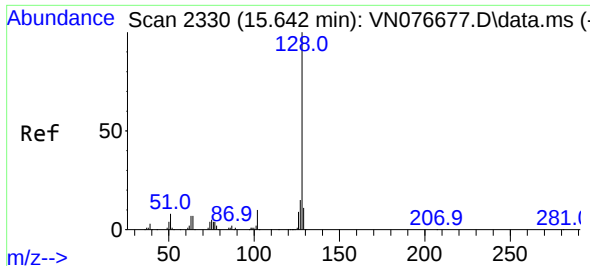
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#90
Hexachlorobutadiene
Concen: 8.568 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

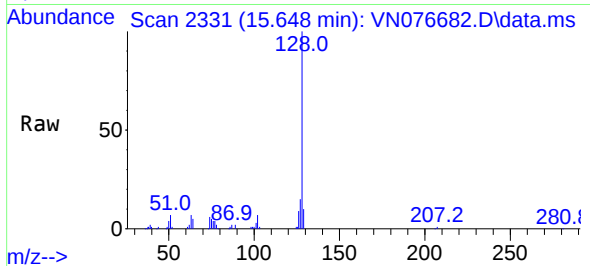
Tgt Ion:225 Resp: 18585
Ion Ratio Lower Upper
225 100
223 60.9 0.0 135.4
227 68.5 0.0 129.4





#91
Naphthalene
Concen: 8.155 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50

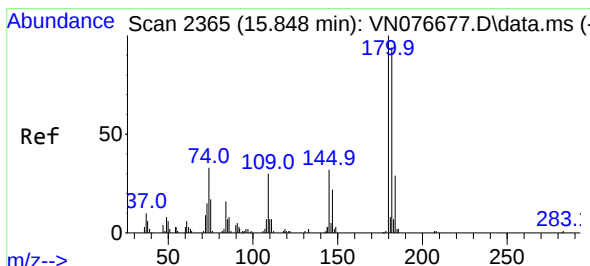
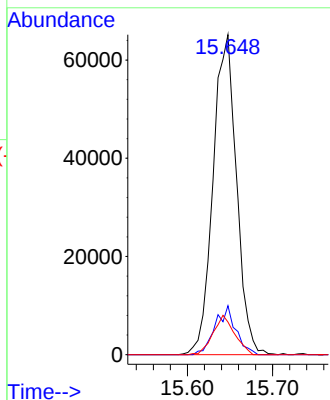
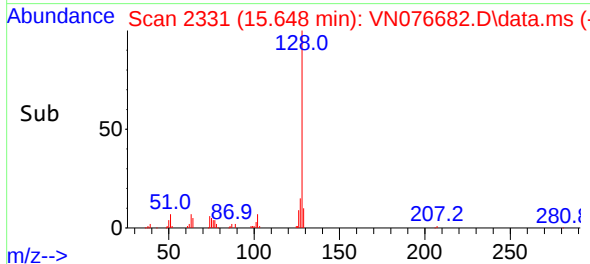
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



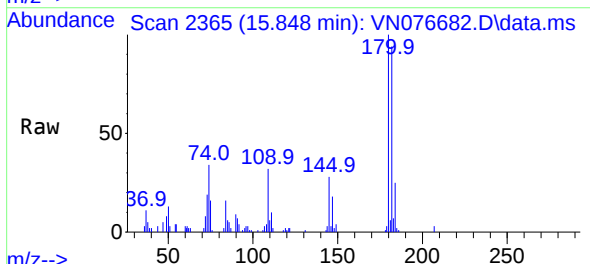
Tgt Ion:128 Resp: 124932
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 11.3 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 8.904 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN076682.D
Acq: 15 Feb 2023 12:50



Tgt Ion:180 Resp: 39903
Ion Ratio Lower Upper
180 100
182 87.0 0.0 190.8
145 31.2 0.0 65.0

