

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076678.D
 Acq On : 15 Feb 2023 11:11
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Feb 15 11:41:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 15 11:41:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.819	128	36978	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	261648	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	297726	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	100453	23.049	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	76.833%#		
60) 4-Bromofluorobenzene	12.854	95	161443	24.019	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.067%		
63) Toluene-d8	10.572	98	306315	28.020	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	93.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	189262	36.979	ug/l	96
3) Chloromethane	2.378	50	230720	37.491	ug/l	96
4) Vinyl Chloride	2.525	62	249336	46.403	ug/l	95
5) Bromomethane	2.954	94	145265	53.849	ug/l	94
6) Chloroethane	3.125	64	157741	50.961	ug/l	96
7) Trichlorofluoromethane	3.507	101	304725	33.398	ug/l	98
8) Diethyl Ether	3.972	74	125744	43.450	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	187830	42.765	ug/l	84
10) 1,1-Dichloroethene	4.354	96	176382	42.734	ug/l	94
11) Methyl Iodide	4.601	142	274882	45.840	ug/l	92
12) Methyl Acetate	5.037	43	366919	42.362	ug/l	94
13) Acrolein	4.196	56	204924	184.717	ug/l	97
14) Acrylonitrile	5.731	53	566251	223.147	ug/l	98
15) Acetone	4.437	58	181978	248.371	ug/l	96
16) Carbon Disulfide	4.725	76	502923	44.336	ug/l	98
17) Allyl chloride	5.037	41	325035	40.849	ug/l	98
18) Methylene Chloride	5.290	84	217551	44.543	ug/l	90
19) trans-1,2-Dichloroethene	5.801	96	202657	47.796	ug/l	92
20) Diisopropyl ether	6.684	45	778024	42.836	ug/l	98
21) 1,1-Dichloroethane	6.584	63	400854	40.472	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	241597	47.554	ug/l	96
23) tert-Butyl Alcohol	5.525	59	166941	196.051	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	638706	42.968	ug/l	98
25) Chloroform	7.972	83	402983	41.118	ug/l	99
26) Cyclohexane	8.260	56	368379	41.913	ug/l #	93
29) 1,1-Dichloropropene	8.378	75	307362	45.383	ug/l	98
30) 2-Butanone	7.489	43	878794	240.391	ug/l	98
31) 2,2-Dichloropropane	7.495	77	307608	43.745	ug/l #	62
32) 1,1,1-Trichloroethane	8.172	97	344419	40.989	ug/l	98
33) Carbon Tetrachloride	8.372	117	298993	41.246	ug/l	97
34) Benzene	8.613	78	934694	44.917	ug/l	99
35) Methacrylonitrile	7.784	41	189537	45.092	ug/l	95
36) 1,2-Dichloroethane	8.678	62	309137	38.739	ug/l	99
37) Trichloroethene	9.354	130	222343	52.185	ug/l	96
38) Methylcyclohexane	9.607	83	377715	50.388	ug/l	99
39) 1,2-Dichloropropane	9.625	63	242746	48.881	ug/l	96
40) Dibromomethane	9.713	93	156194	47.809	ug/l	95
41) Bromodichloromethane	9.889	83	318030	46.298	ug/l	98
42) Vinyl Acetate	6.613	43	2608444	219.365	ug/l	100

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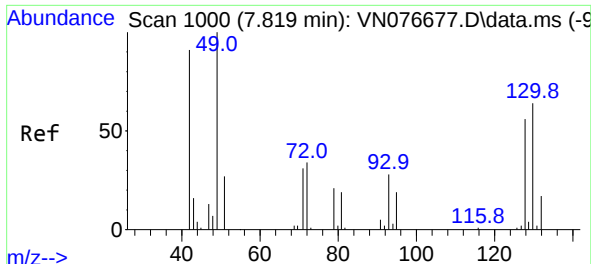
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 11:41:50 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	329762	44.238	ug/l	99
44) Isopropyl Acetate	8.695	43	546838	44.597	ug/l	99
45) 1,4-Dioxane	9.695	88	91131	911.712	ug/l	95
46) Methyl methacrylate	9.683	41	255561	43.227	ug/l	100
47) n-amyl Acetate	12.495	43	514464	49.361	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	335559	48.528	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	369429	48.330	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	225961	50.928	ug/l	99
51) Ethyl methacrylate	10.878	69	356569	50.612	ug/l	97
52) 1,3-Dichloropropane	11.166	76	393124	47.533	ug/l	98
53) Dibromochloromethane	11.360	129	245919	53.340	ug/l	98
54) 1,2-Dibromoethane	11.472	107	231061	51.465	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	779260	242.156	ug/l	99
56) Bromoform	12.577	173	176153	59.325	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	1738241	208.851	ug/l	98
59) 2-Hexanone	11.195	43	1306210	215.853	ug/l	99
61) Tetrachloroethene	11.107	164	186847	49.096	ug/l	96
62) Toluene	10.630	91	1013483	45.914	ug/l	100
64) Chlorobenzene	11.895	112	624881	48.868	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.966	131	225747	46.567	ug/l	97
66) Ethyl Benzene	11.966	91	1127619	46.598	ug/l	97
67) m/p-Xylenes	12.072	106	892191	98.265	ug/l	99
68) o-Xylene	12.401	106	440464	49.242	ug/l	95
69) Styrene	12.413	104	727553	51.243	ug/l	98
70) Isopropylbenzene	12.695	105	1139240	47.526	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	352972	42.235	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	292157m	38.276	ug/l	
73) Bromobenzene	12.983	156	264483	46.499	ug/l	97
74) n-propylbenzene	13.036	91	1352459	43.991	ug/l	97
75) 2-Chlorotoluene	13.124	91	782648	40.469	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	949828	42.433	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	104450	45.368	ug/l	97
78) 4-Chlorotoluene	13.224	91	763147	39.246	ug/l	98
79) tert-butylbenzene	13.442	119	863237	45.434	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	964641	43.698	ug/l	99
81) sec-Butylbenzene	13.619	105	1228256	46.168	ug/l	98
82) p-Isopropyltoluene	13.730	119	1013739	47.423	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	507439	48.233	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	490337	46.715	ug/l	96
85) n-Butylbenzene	14.060	91	877806	44.220	ug/l	97
86) Hexachloroethane	14.336	117	187141	45.087	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	515090	44.601	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	66614	39.105	ug/l	86
89) 1,2,4-Trichlorobenzene	15.395	180	279782	58.088	ug/l	99
90) Hexachlorobutadiene	15.501	225	128186	55.091	ug/l	97
91) Naphthalene	15.642	128	914424	55.644	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	274931	57.191	ug/l	99

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



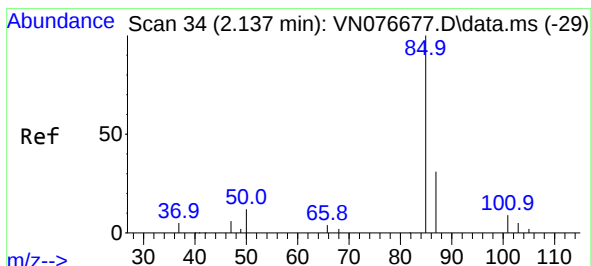
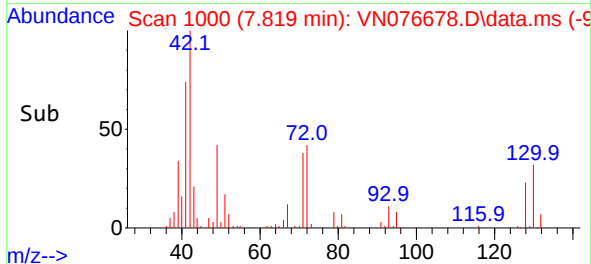
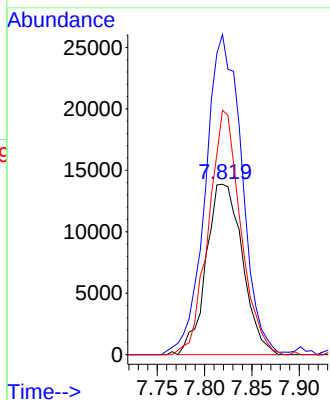
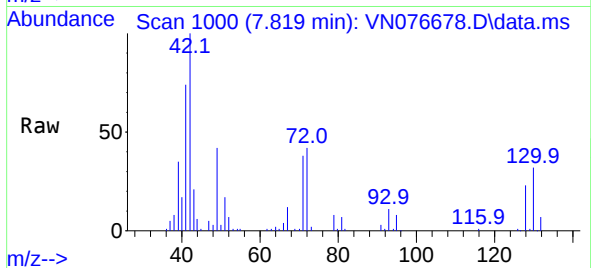
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 36978
Ion Ratio Lower Upper
128 100
49 188.5 0.0 461.8
130 127.5 0.0 295.3

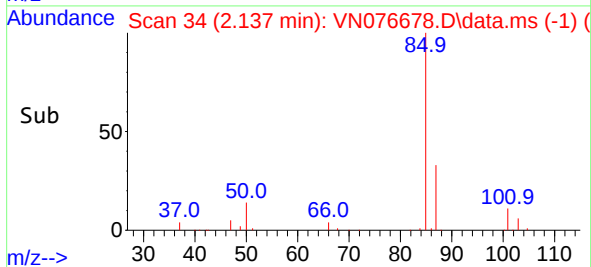
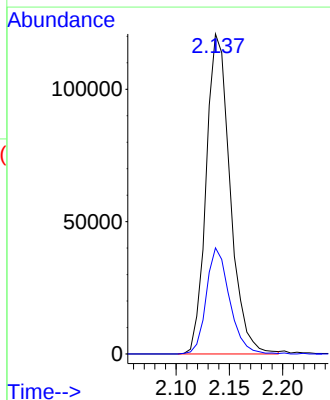
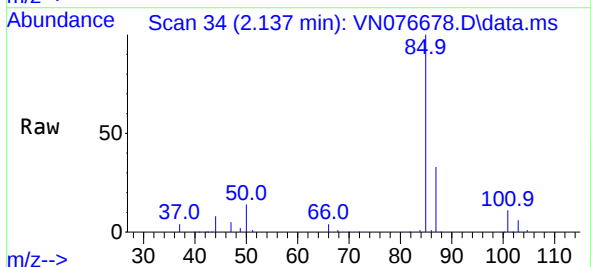
Manual Integrations
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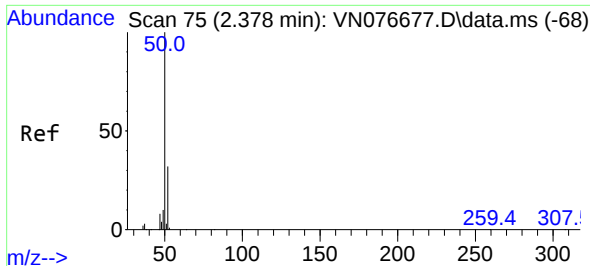
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 36.979 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

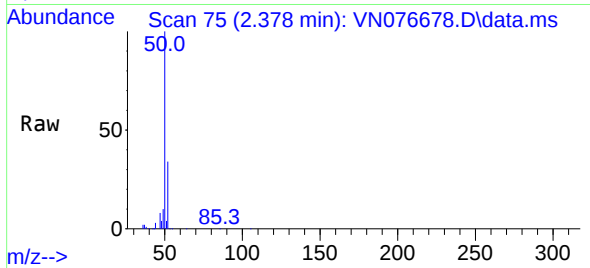
Tgt Ion: 85 Resp: 189262
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.1





#3
Chloromethane
Concen: 37.491 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

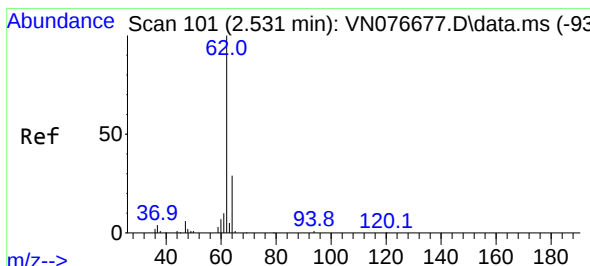
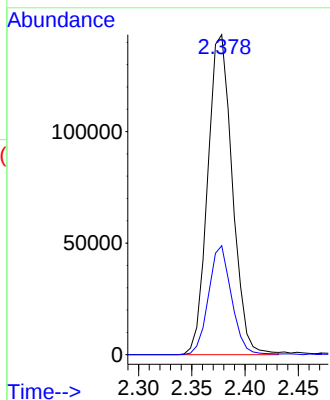
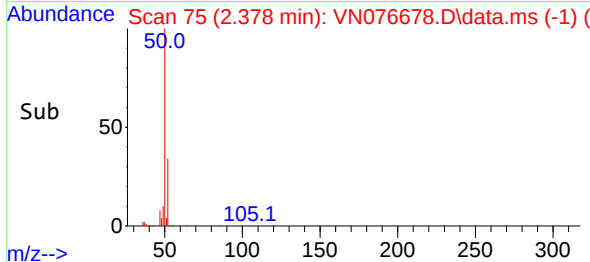
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



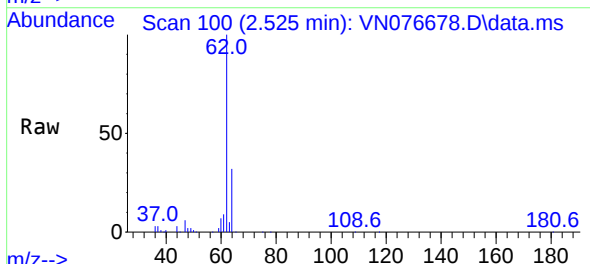
Tgt Ion: 50 Resp: 230720
Ion Ratio Lower Upper
50 100
52 34.1 25.3 37.9

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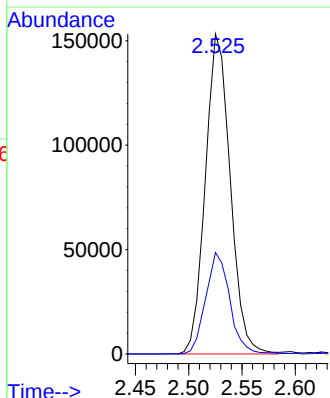
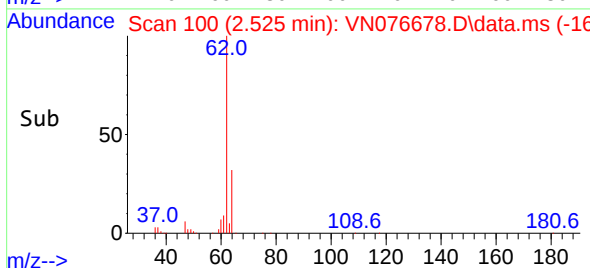
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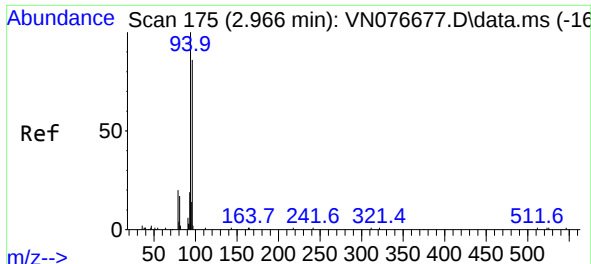


#4
Vinyl Chloride
Concen: 46.403 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



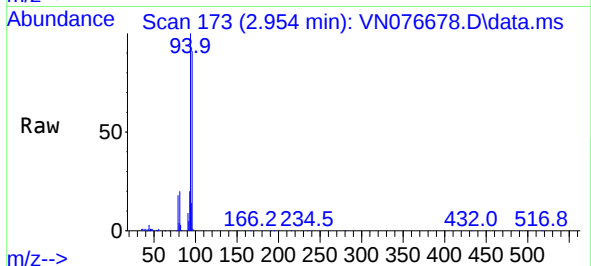
Tgt Ion: 62 Resp: 249336
Ion Ratio Lower Upper
62 100
64 31.7 23.1 34.7





#5
Bromomethane
Concen: 53.849 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

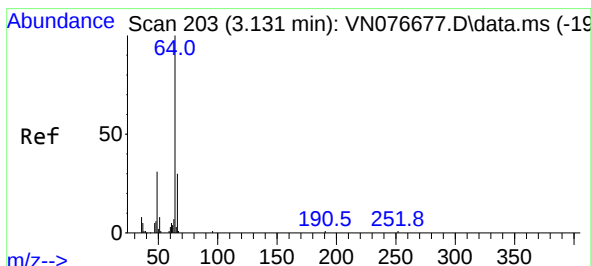
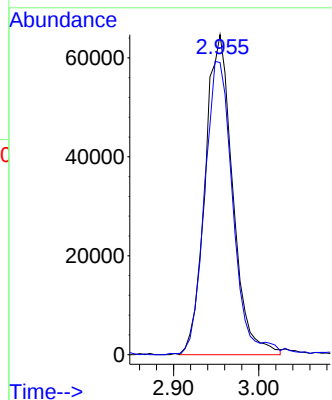
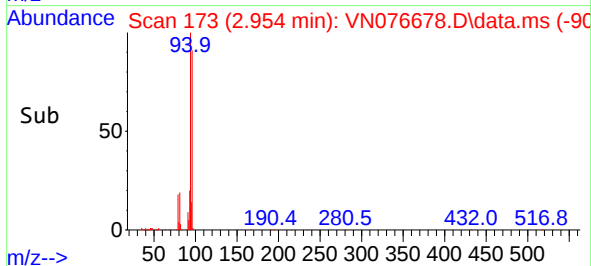
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



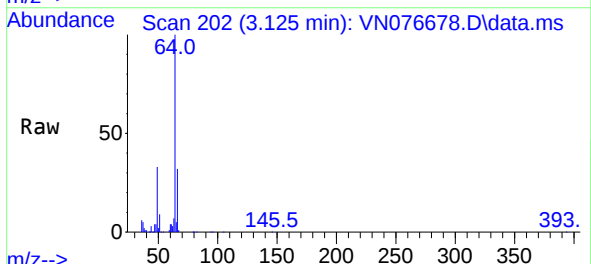
Tgt Ion: 94 Resp: 14526
Ion Ratio Lower Upper
94 100
96 90.9 68.6 103.0

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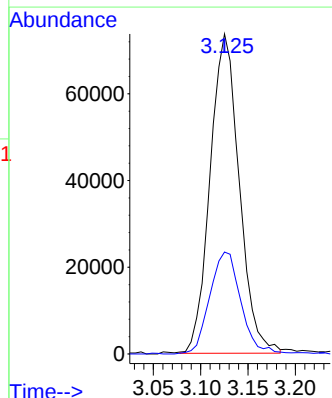
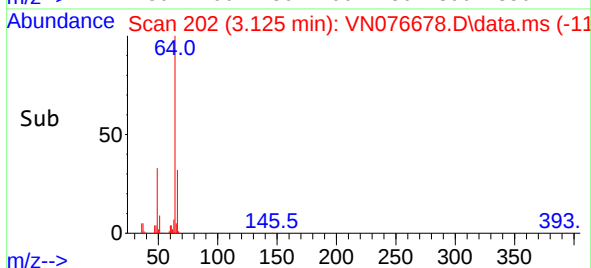
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Supervised By :Mahesh Dadoda 02/18/2023

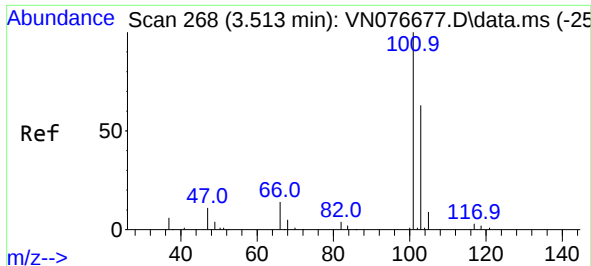


#6
Chloroethane
Concen: 50.961 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 64 Resp: 157741
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6





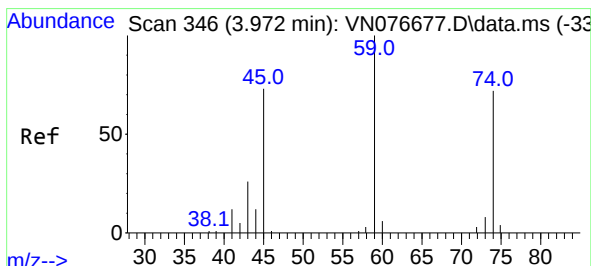
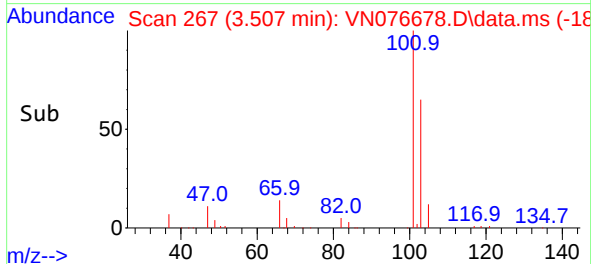
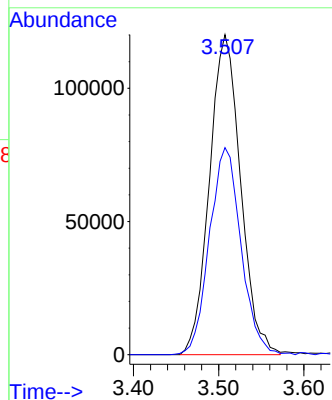
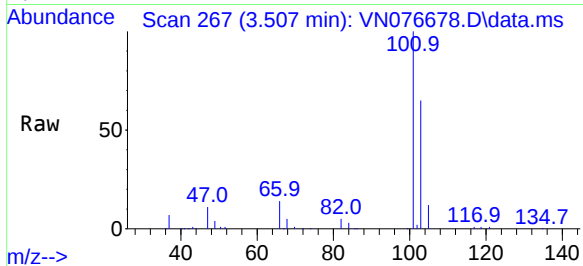
#7
Trichlorofluoromethane
Concen: 33.398 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 304725
Ion Ratio Lower Upper
101 100
103 64.3 50.2 75.2

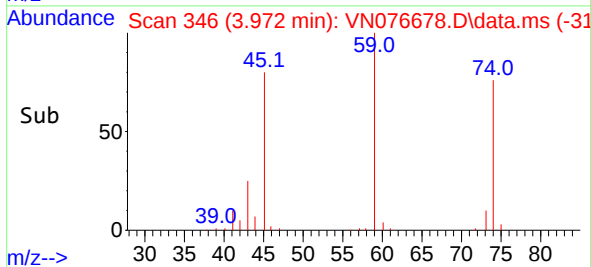
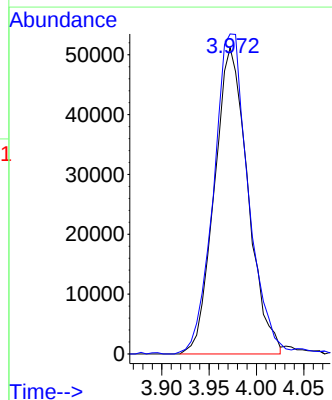
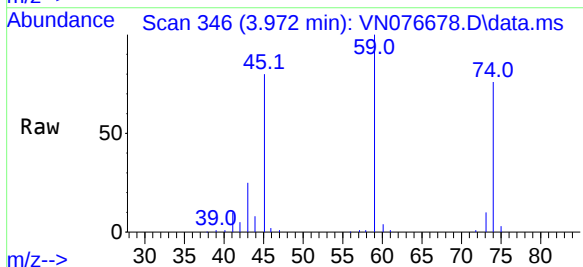
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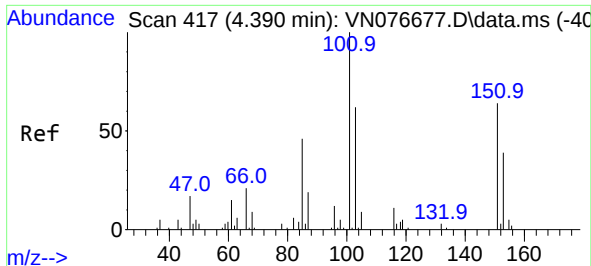
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#8
Diethyl Ether
Concen: 43.450 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 74 Resp: 125744
Ion Ratio Lower Upper
74 100
45 108.1 21.4 193.0





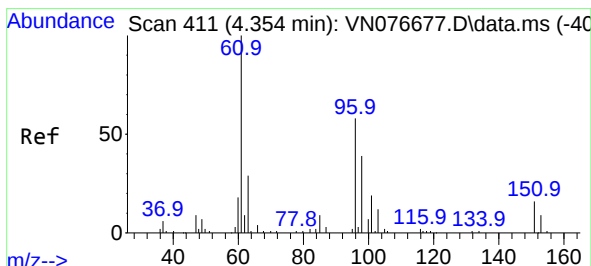
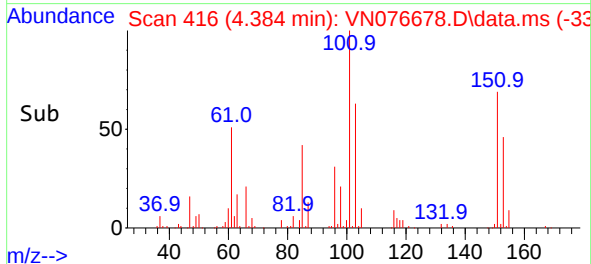
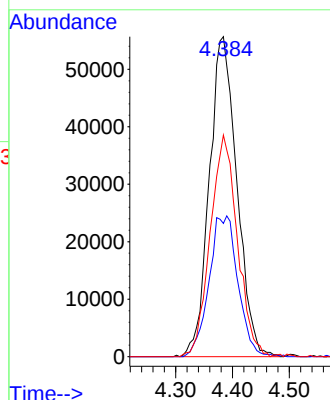
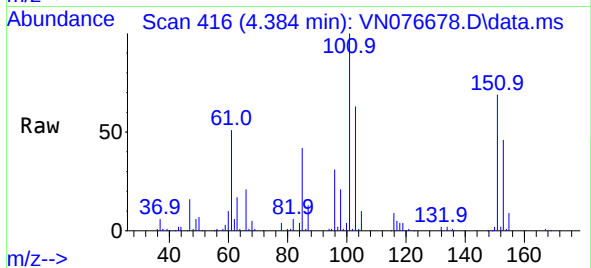
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1,1,2-Trichlorotrifluoroethane
Concen: 42.765 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 187830
Ion Ratio Lower Upper
101 100
85 24.8 0.0 95.2
151 68.1 0.0 142.2

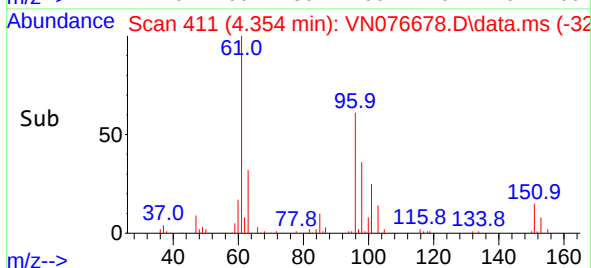
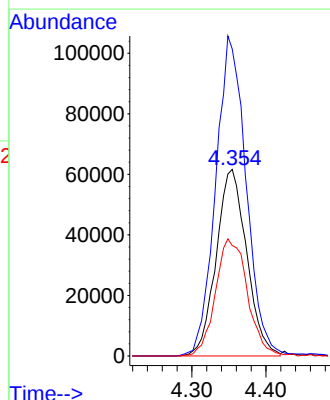
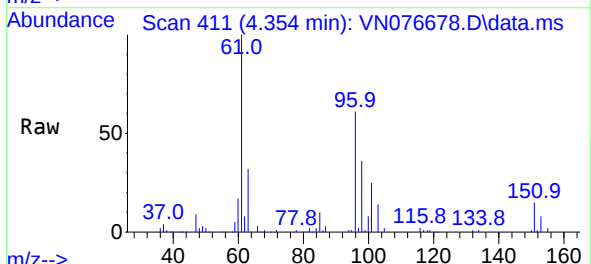
Manual Integrations
APPROVED

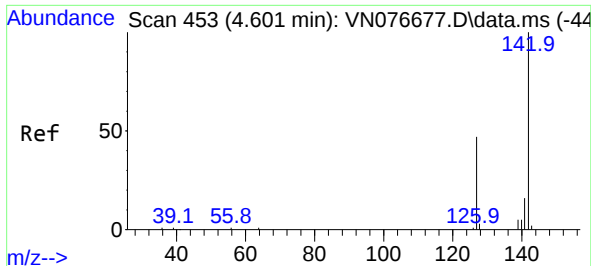
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 42.734 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

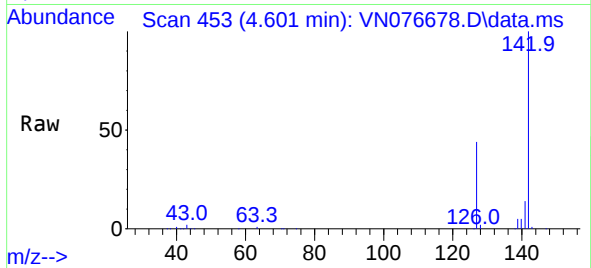
Tgt Ion: 96 Resp: 176382
Ion Ratio Lower Upper
96 100
61 164.3 137.1 205.7
98 59.2 53.2 79.8





#11
Methyl Iodide
Concen: 45.840 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

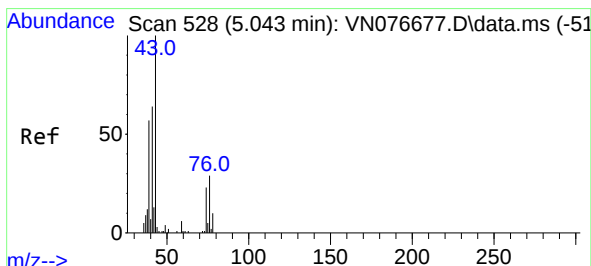
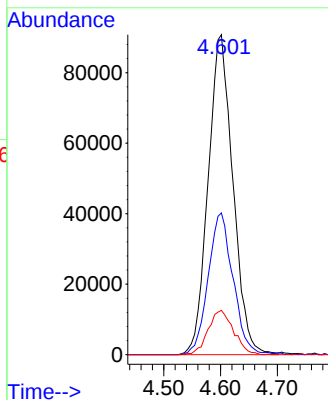
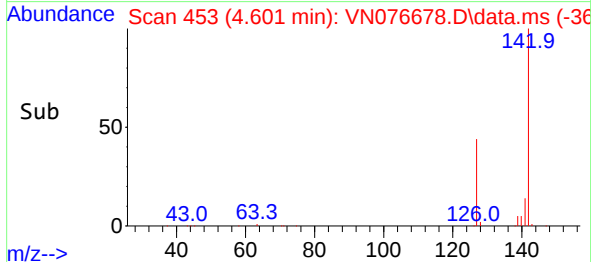
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050



Tgt Ion:142 Resp: 27488
Ion Ratio Lower Upper
142 100
127 44.1 25.0 75.0
141 13.9 8.0 24.0

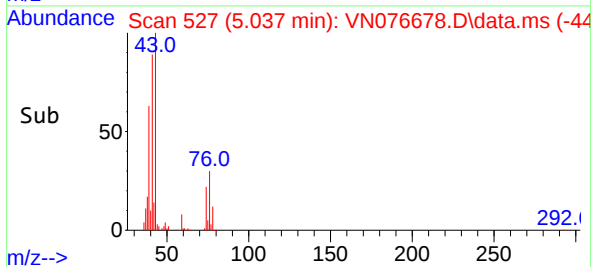
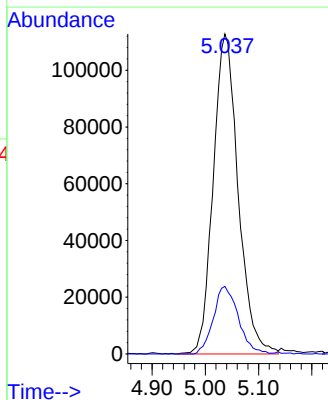
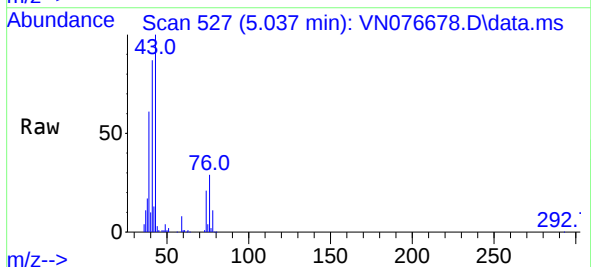
Manual Integrations
APPROVED

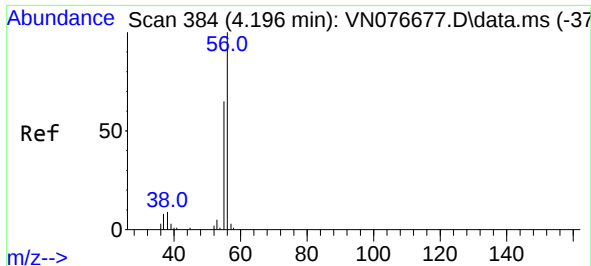
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#12
Methyl Acetate
Concen: 42.362 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

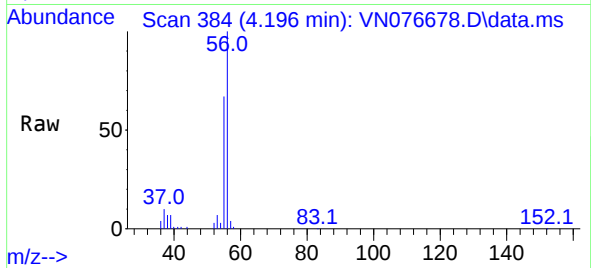
Tgt Ion: 43 Resp: 366919
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.4





#13
Acrolein
Concen: 184.717 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

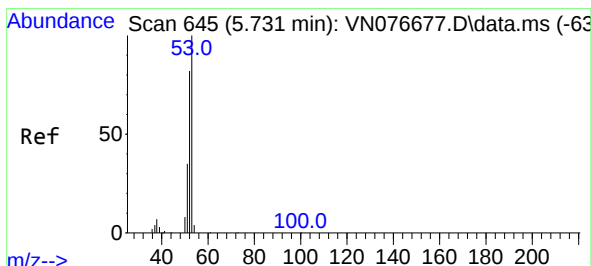
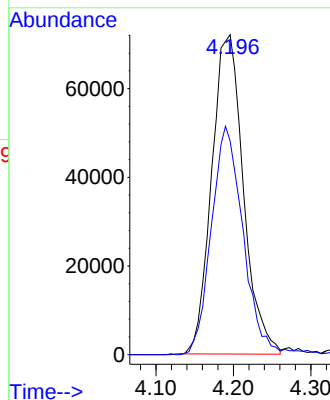
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 204924
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.4

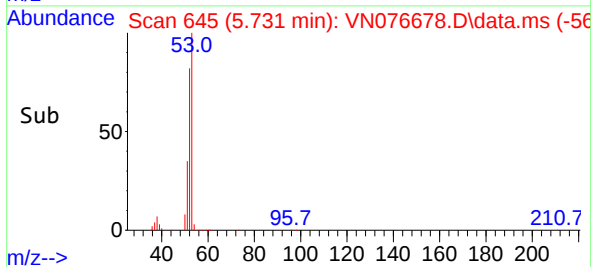
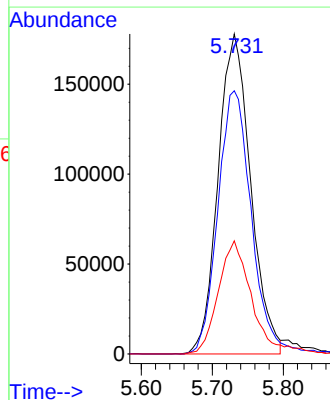
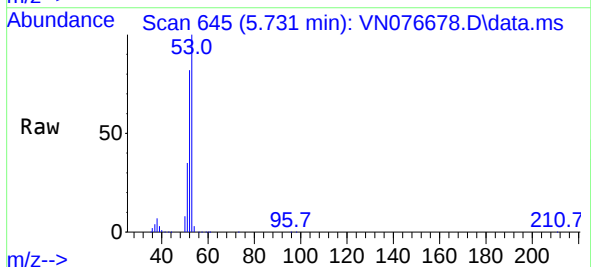
Manual Integrations
APPROVED

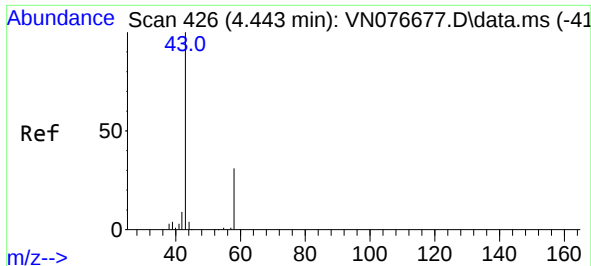
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Acrylonitrile
Concen: 223.147 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

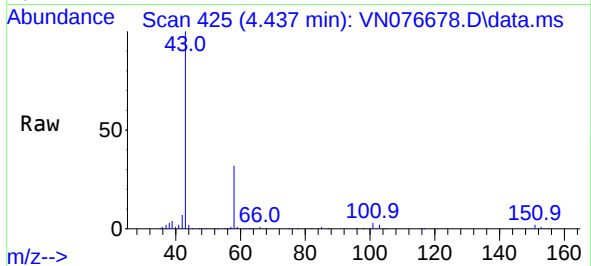
Tgt Ion: 53 Resp: 566251
Ion Ratio Lower Upper
53 100
52 84.8 41.5 124.6
51 35.9 17.6 52.8





#15
Acetone
Concen: 248.371 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

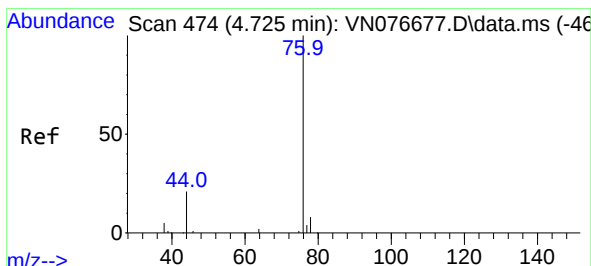
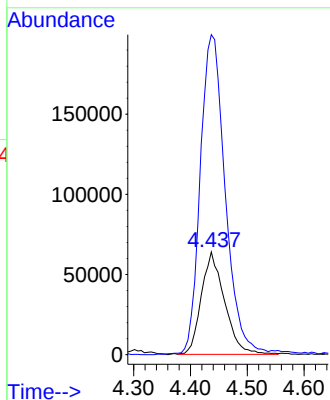
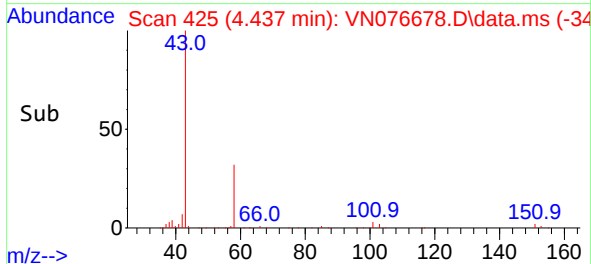
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 181978
Ion Ratio Lower Upper
58 100
43 311.1 255.4 383.0

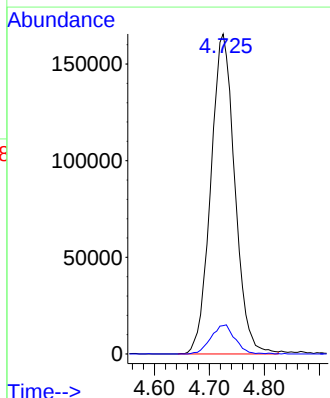
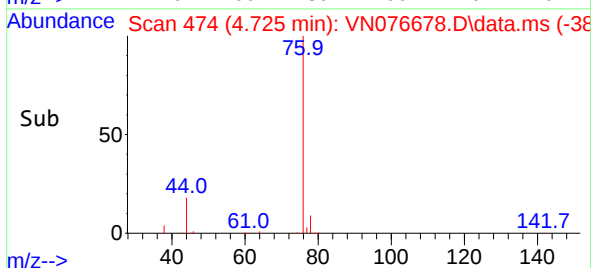
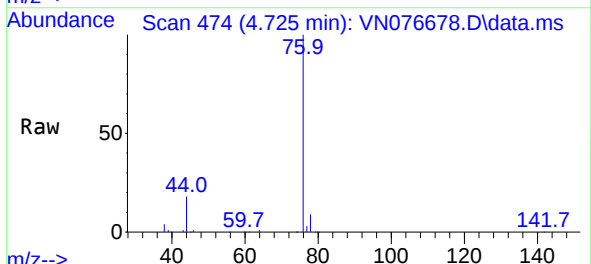
Manual Integrations
APPROVED

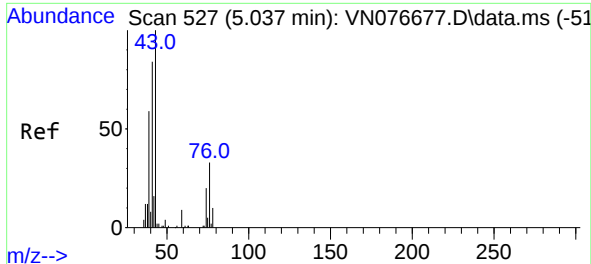
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#16
Carbon Disulfide
Concen: 44.336 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

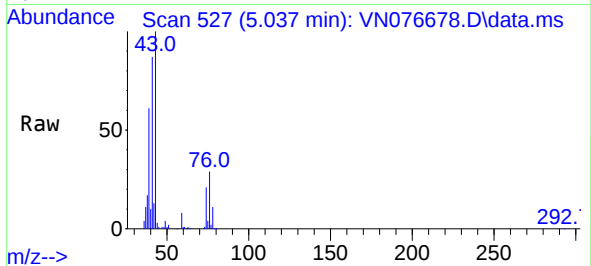
Tgt Ion: 76 Resp: 502923
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8





#17
Allyl chloride
Concen: 40.849 ug/l
RT: 5.037 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

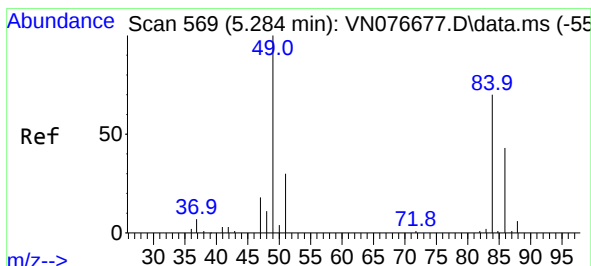
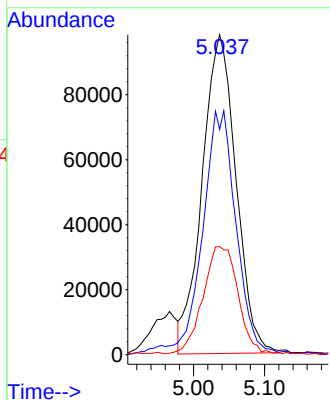
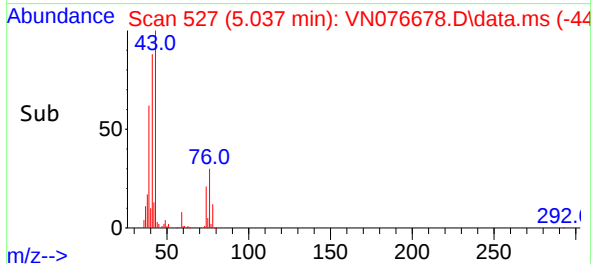
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



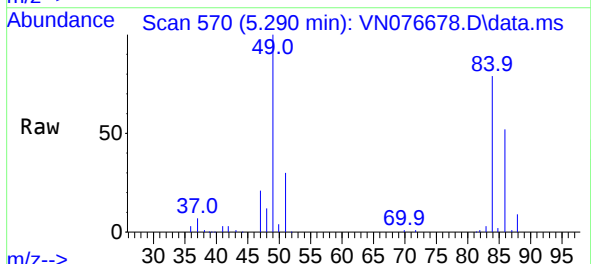
Tgt Ion: 41 Resp: 32503
Ion Ratio Lower Upper
41 100
39 70.7 34.8 104.3
76 33.6 17.5 52.5

Manual Integrations
APPROVED

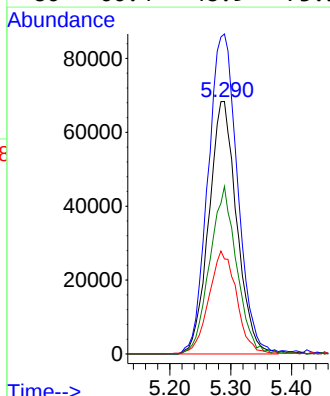
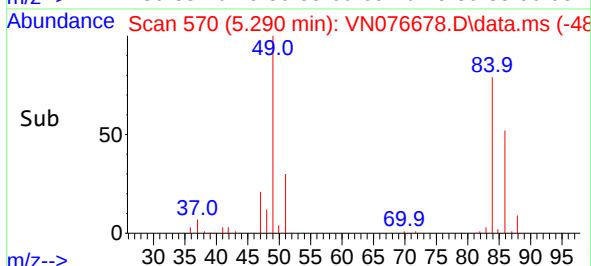
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

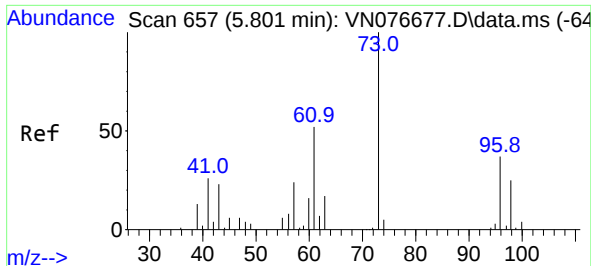


#18
Methylene Chloride
Concen: 44.543 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



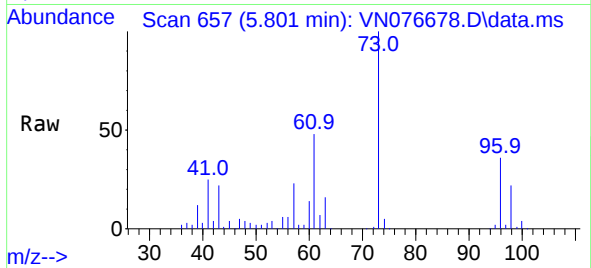
Tgt Ion: 84 Resp: 217551
Ion Ratio Lower Upper
84 100
49 126.7 113.8 170.6
51 37.4 34.2 51.4
86 66.4 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 47.796 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

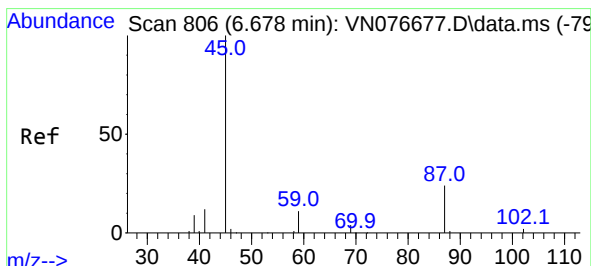
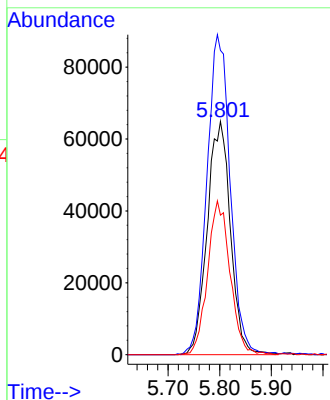
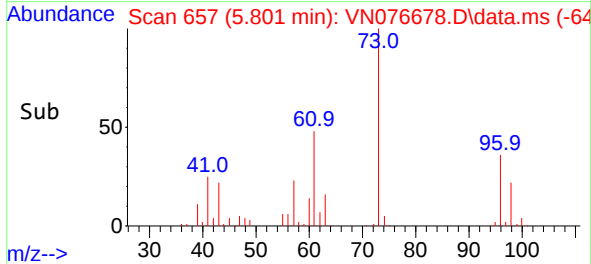
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



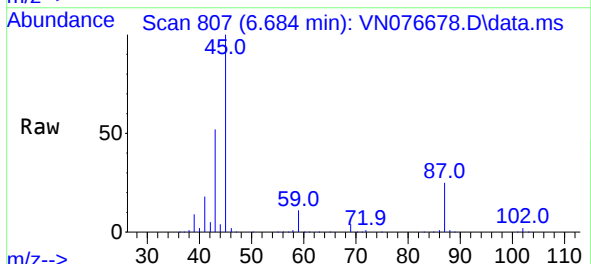
Tgt Ion: 96 Resp: 20265
Ion Ratio Lower Upper
96 100
61 130.1 111.0 166.4
98 59.8 55.0 82.6

Manual Integrations
APPROVED

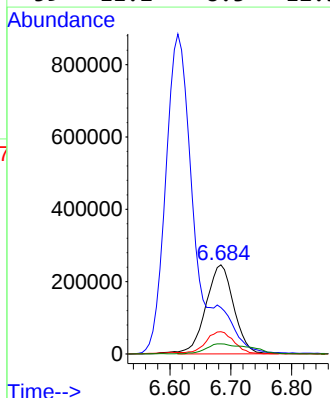
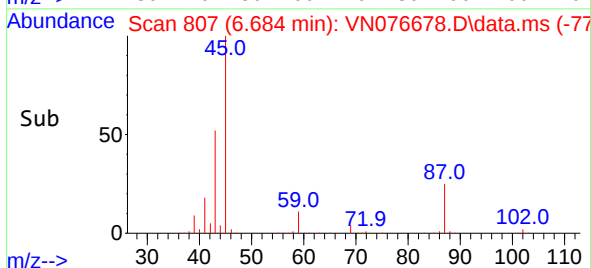
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

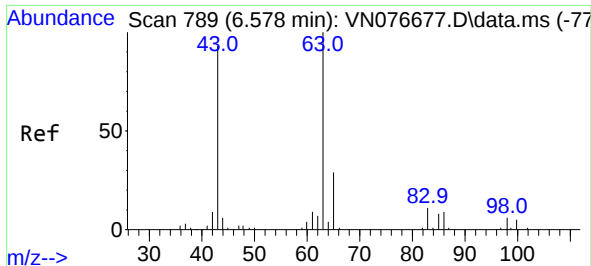


#20
Diisopropyl ether
Concen: 42.836 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 45 Resp: 778024
Ion Ratio Lower Upper
45 100
43 50.9 38.6 58.0
87 25.1 20.1 30.1
59 11.2 8.3 12.5





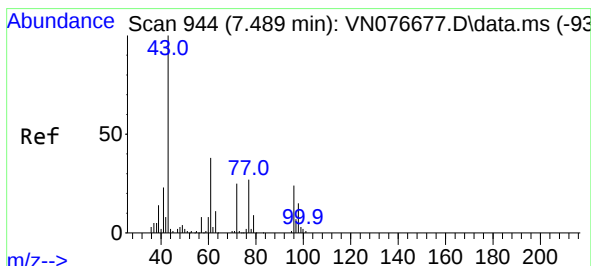
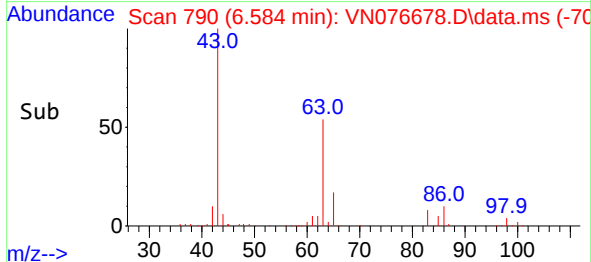
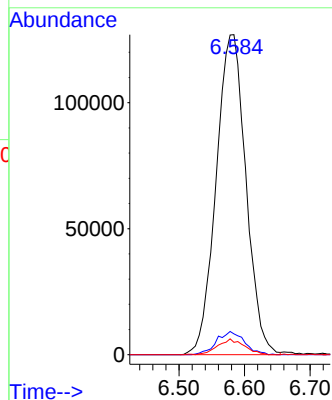
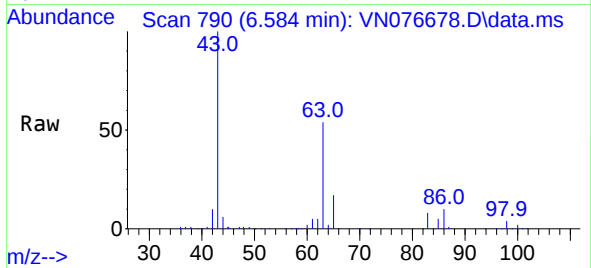
#21
1,1-Dichloroethane
Concen: 40.472 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 400854
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.9
100 3.8 2.6 7.8

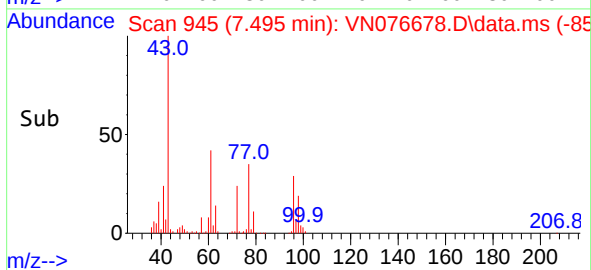
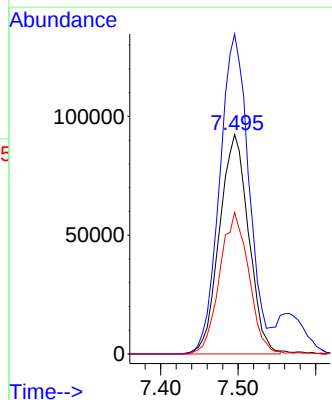
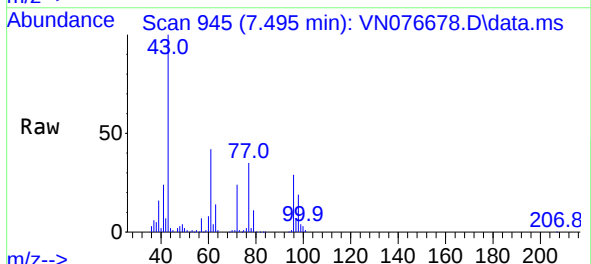
Manual Integrations
APPROVED

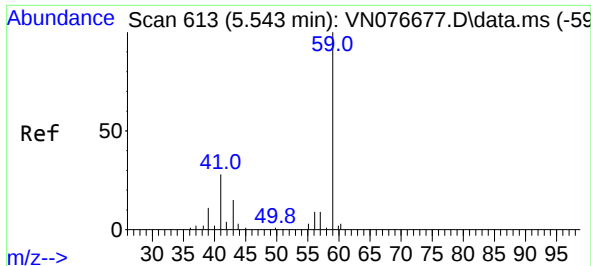
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#22
cis-1,2-Dichloroethene
Concen: 47.554 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

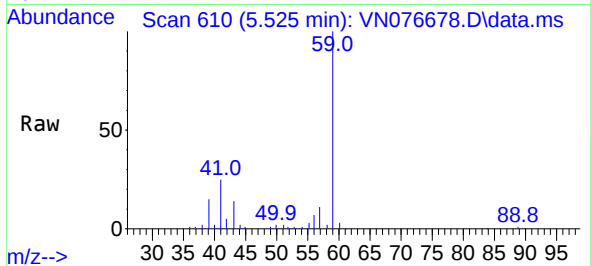
Tgt Ion: 96 Resp: 241597
Ion Ratio Lower Upper
96 100
61 145.0 121.0 181.4
98 64.2 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 196.051 ug/l
RT: 5.525 min Scan# 613
Delta R.T. -0.018 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

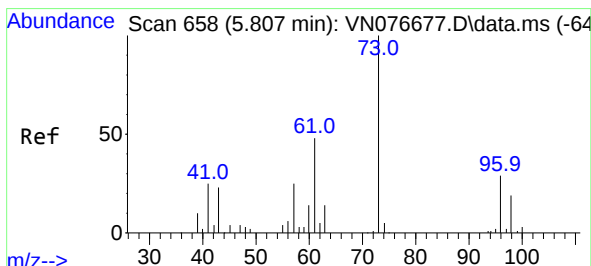
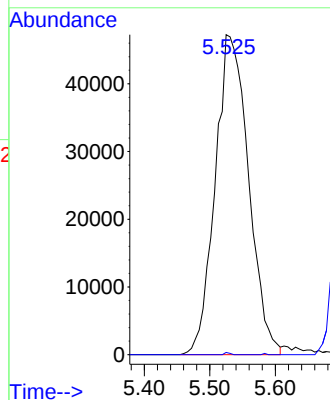
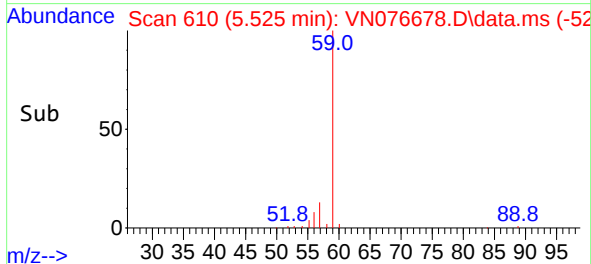
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 16694
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2

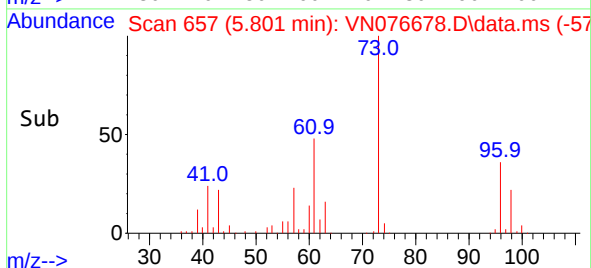
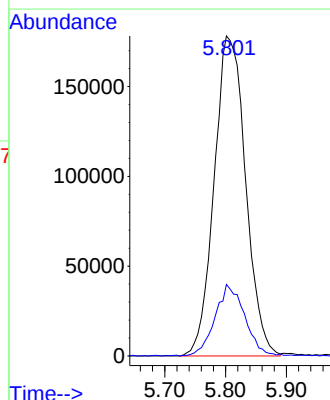
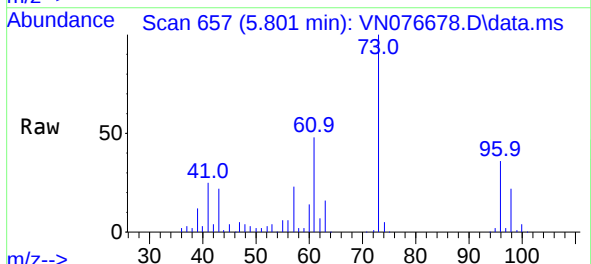
Manual Integrations
APPROVED

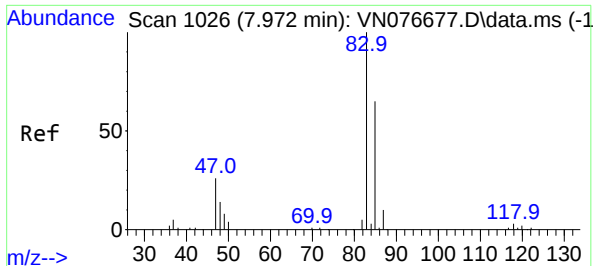
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#24
Methyl tert-Butyl Ether
Concen: 42.968 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 73 Resp: 638706
Ion Ratio Lower Upper
73 100
43 21.1 17.8 26.6





#25

Chloroform

Concen: 41.118 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 40298

Ion Ratio Lower Upper

83 100

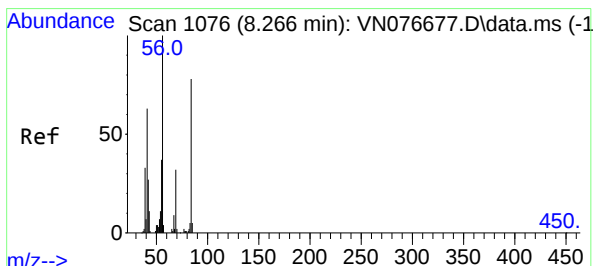
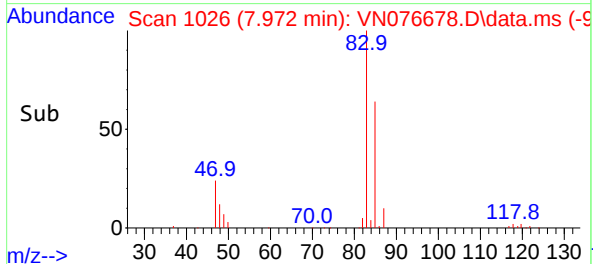
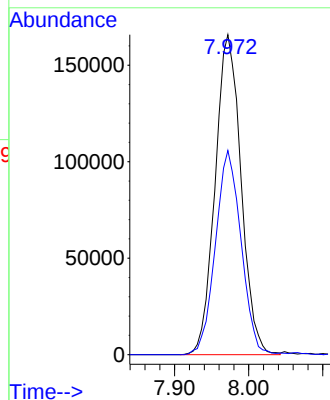
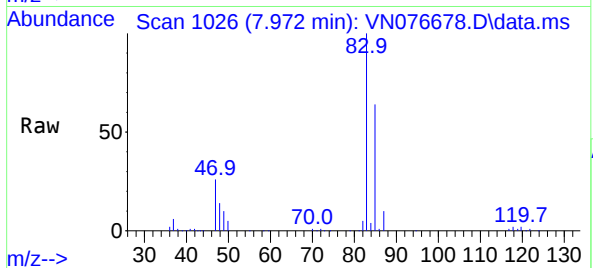
85 63.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#26

Cyclohexane

Concen: 41.913 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

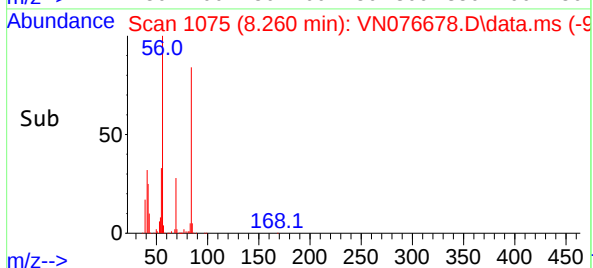
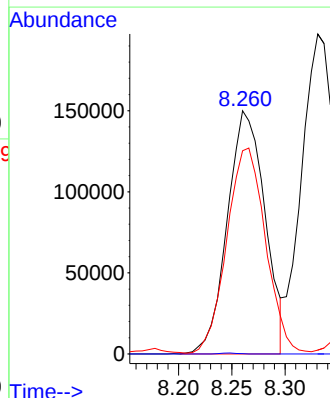
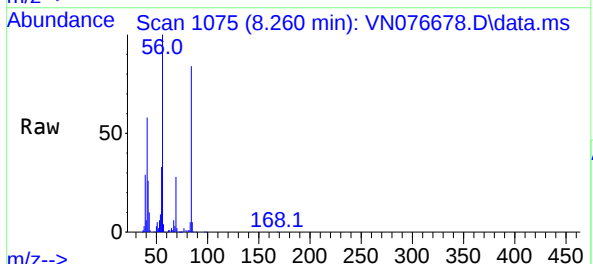
Tgt Ion: 56 Resp: 368379

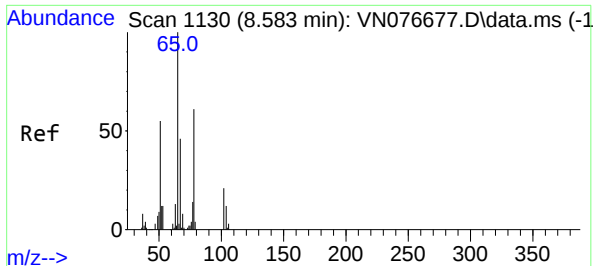
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 87.8 65.3 97.9





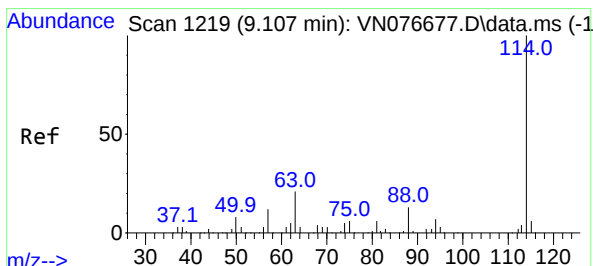
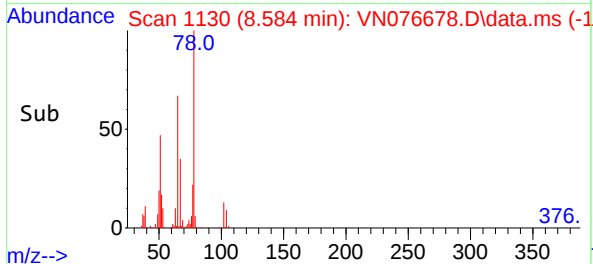
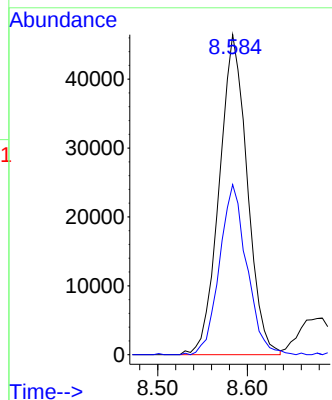
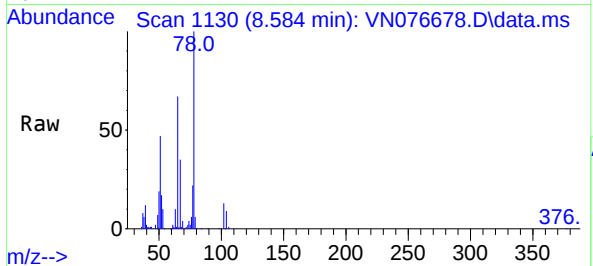
#27
1,2-Dichloroethane-d4
Concen: 23.049 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 65 Resp: 10045
Ion Ratio Lower Upper
65 100
67 51.9 40.9 61.3

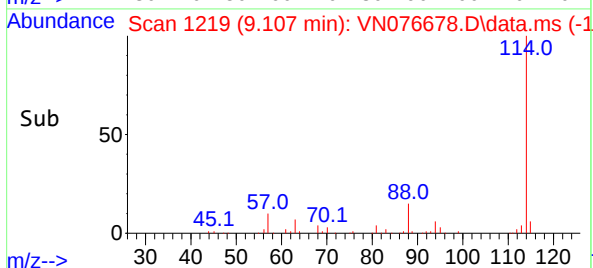
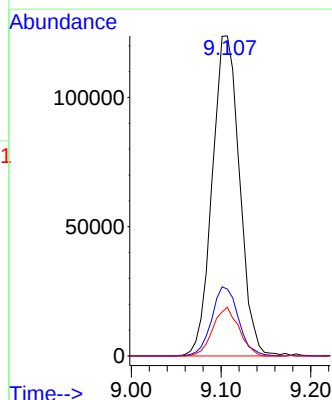
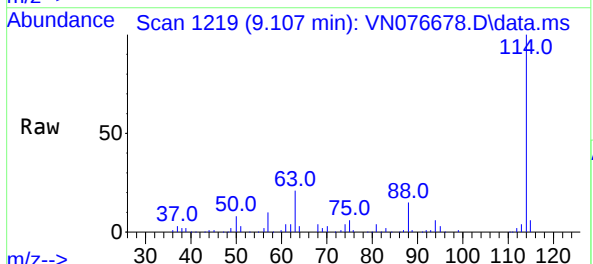
Manual Integrations
APPROVED

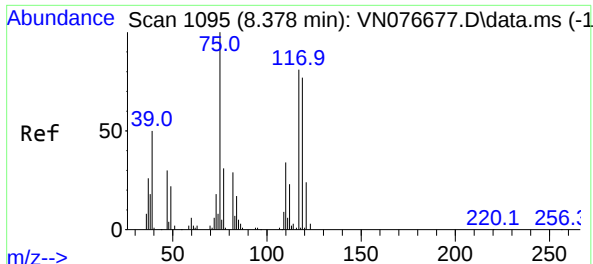
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

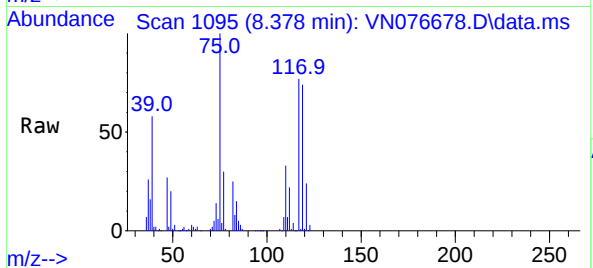
Tgt Ion:114 Resp: 261648
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 14.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 45.383 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

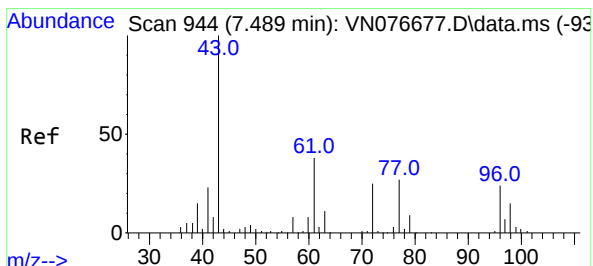
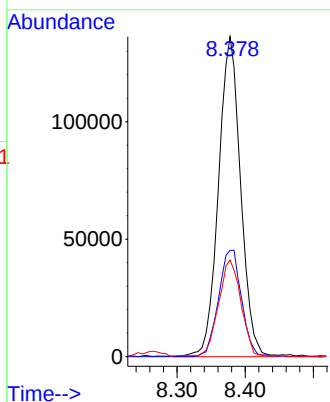
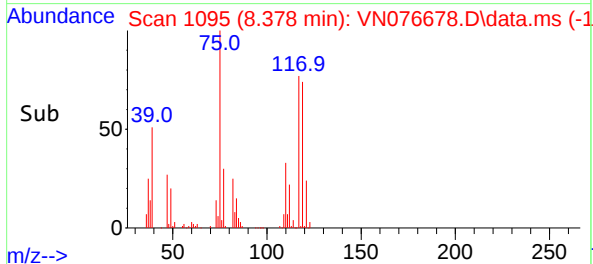
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 307362
Ion Ratio Lower Upper
75 100
110 34.4 0.0 67.2
77 30.4 0.0 64.4

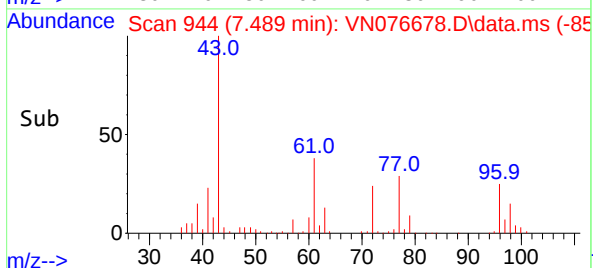
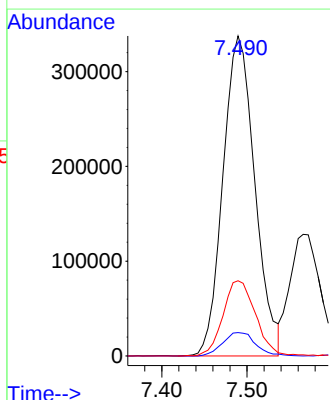
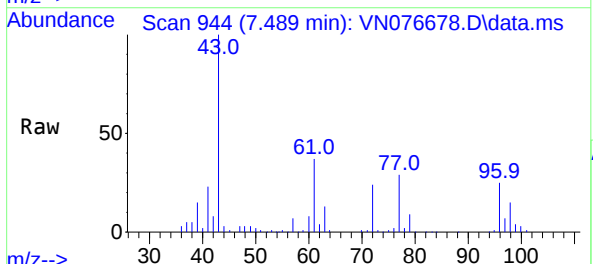
Manual Integrations
APPROVED

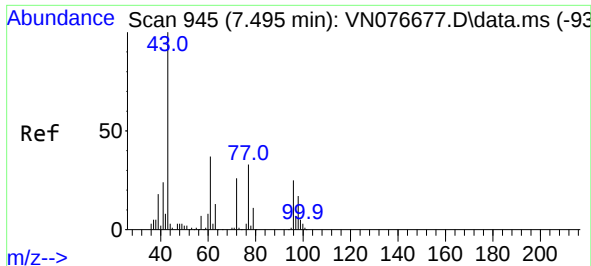
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
2-Butanone
Concen: 240.391 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

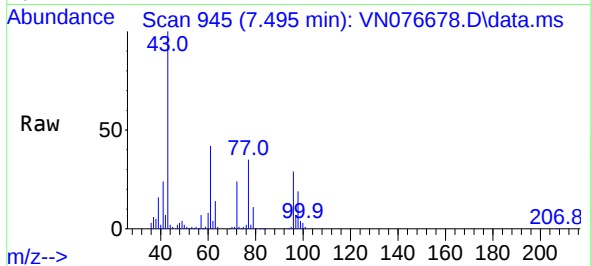
Tgt Ion: 43 Resp: 878794
Ion Ratio Lower Upper
43 100
57 7.5 6.1 9.1
72 24.0 20.2 30.4





#31
2,2-Dichloropropane
Concen: 43.745 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

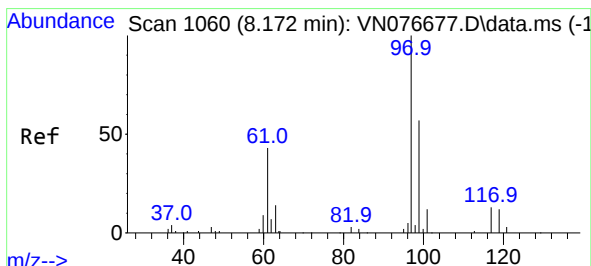
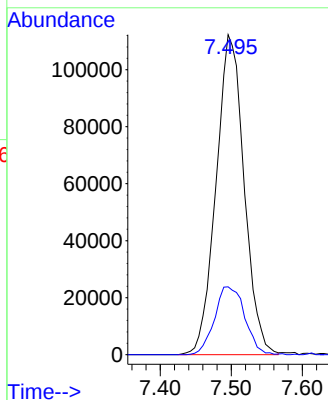
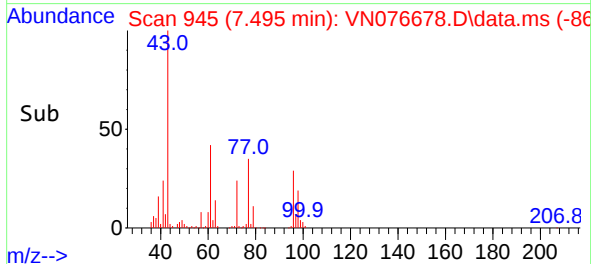
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



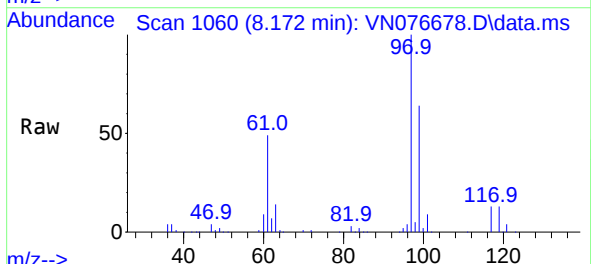
Tgt Ion: 77 Resp: 307608
Ion Ratio Lower Upper
77 100
97 22.9 7.2 10.8

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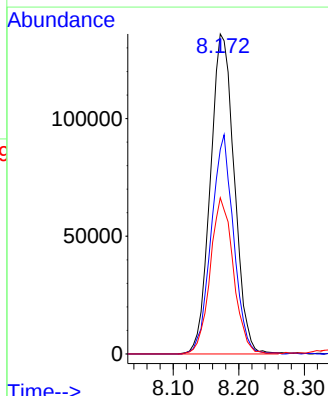
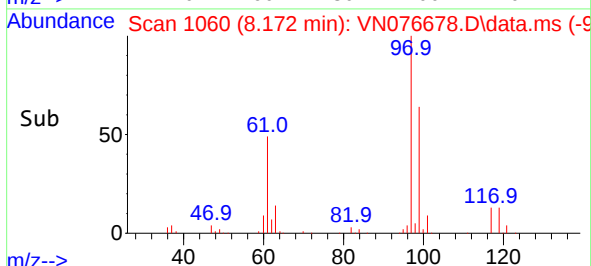
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

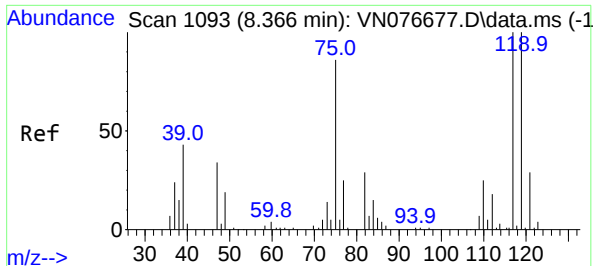


#32
1,1,1-Trichloroethane
Concen: 40.989 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



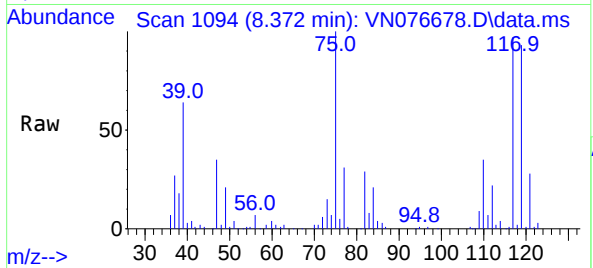
Tgt Ion: 97 Resp: 344419
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 47.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 41.246 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

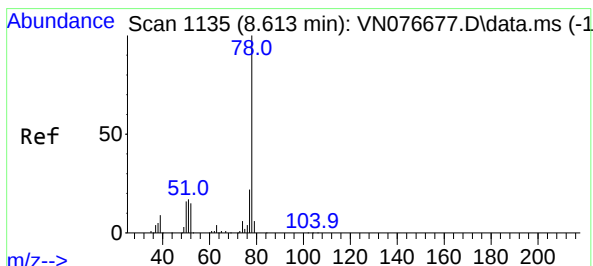
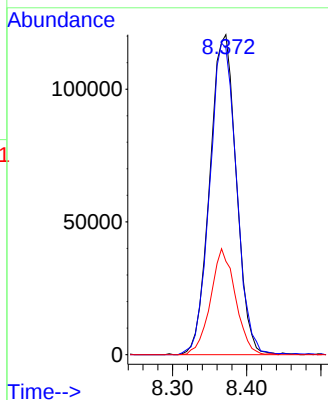
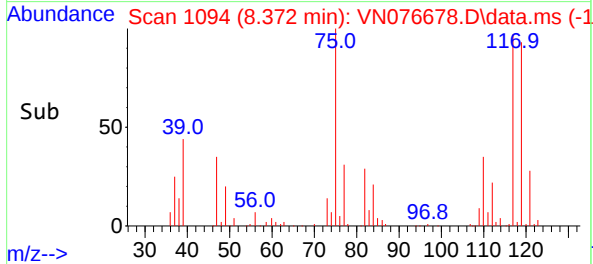
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



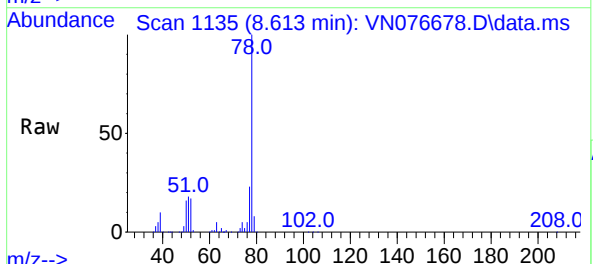
Tgt Ion:117 Resp: 29899
Ion Ratio Lower Upper
117 100
119 95.8 79.8 119.8
121 29.2 23.4 35.0

Manual Integrations
APPROVED

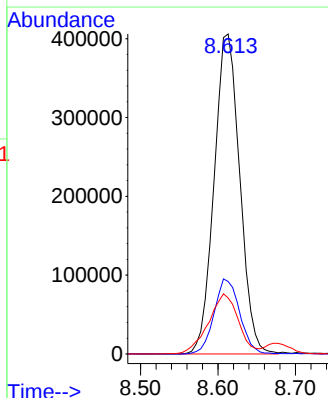
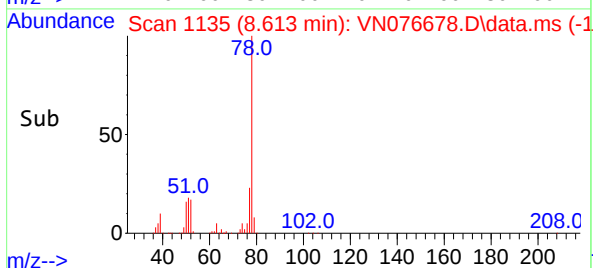
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

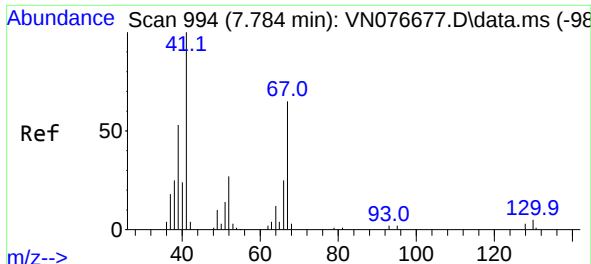


#34
Benzene
Concen: 44.917 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



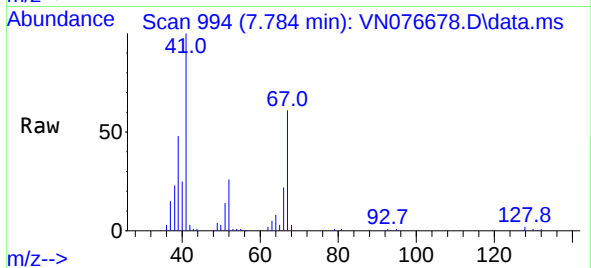
Tgt Ion: 78 Resp: 934694
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.2
51 17.3 13.8 20.6





#35
Methacrylonitrile
Concen: 45.092 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

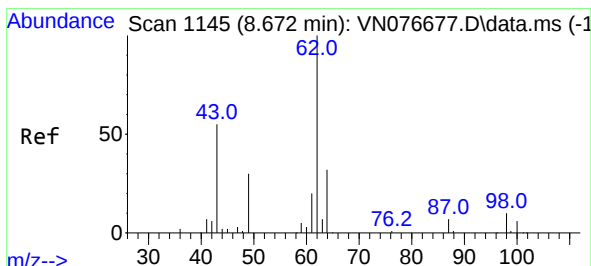
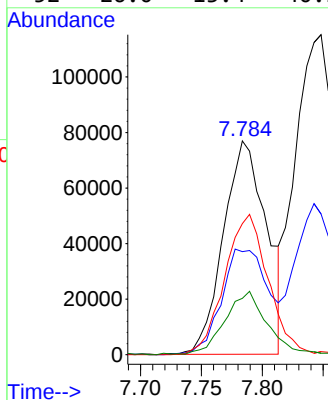
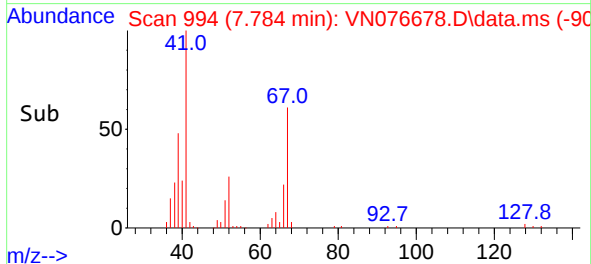
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



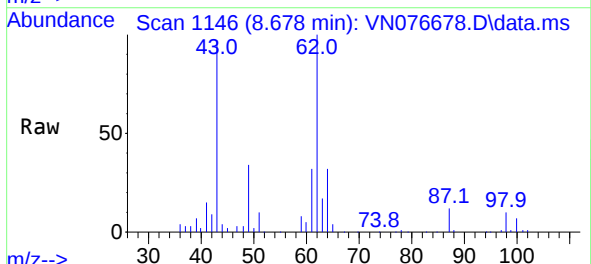
Tgt Ion: 41 Resp: 18953
Ion Ratio Lower Upper
41 100
39 47.8 26.6 79.7
67 61.3 32.3 96.9
52 26.0 13.4 40.1

Manual Integrations
APPROVED

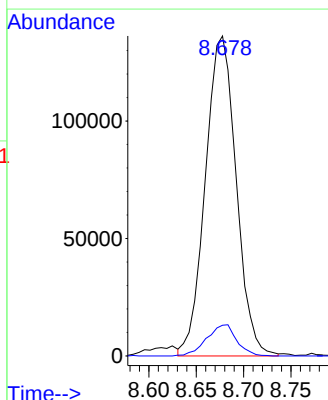
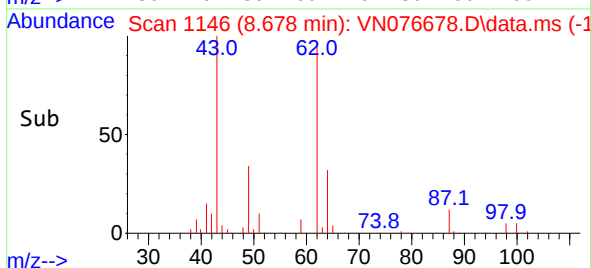
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

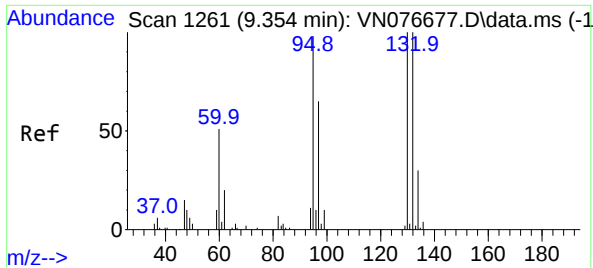


#36
1,2-Dichloroethane
Concen: 38.739 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 62 Resp: 309137
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





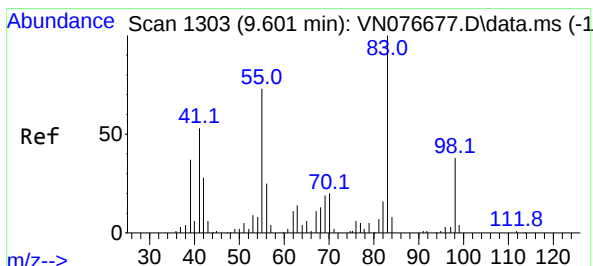
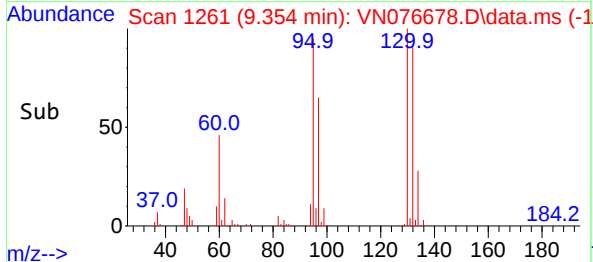
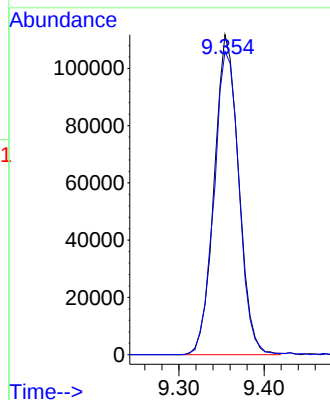
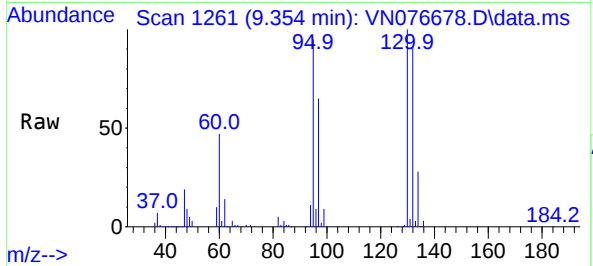
#37
Trichloroethene
Concen: 52.185 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 22234
Ion Ratio Lower Upper
130 100
95 94.8 78.7 118.1

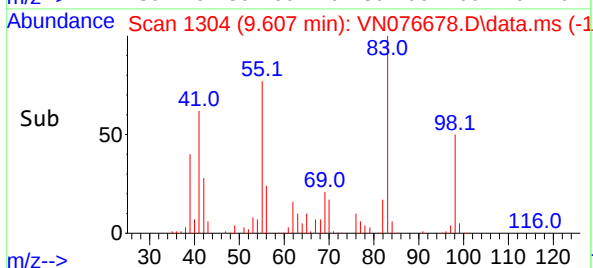
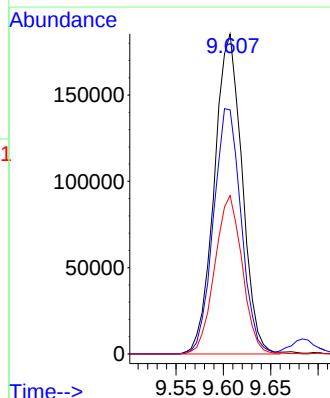
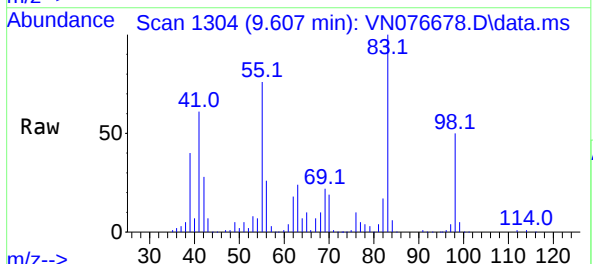
Manual Integrations
APPROVED

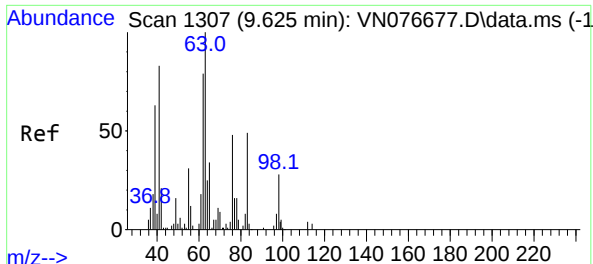
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Methylcyclohexane
Concen: 50.388 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

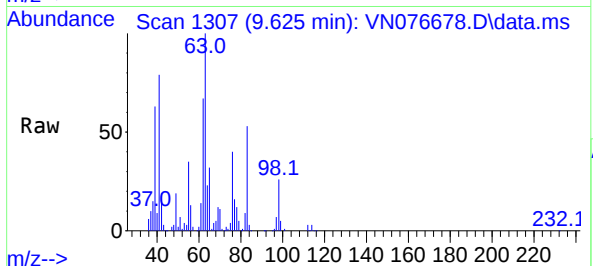
Tgt Ion: 83 Resp: 377715
Ion Ratio Lower Upper
83 100
55 76.7 37.6 112.9
98 48.9 24.1 72.4





#39
1,2-Dichloropropane
Concen: 48.881 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

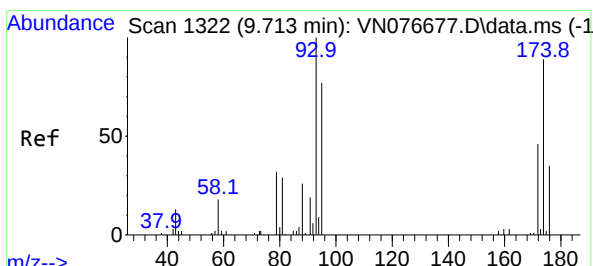
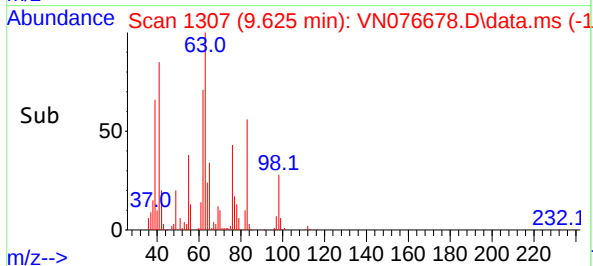
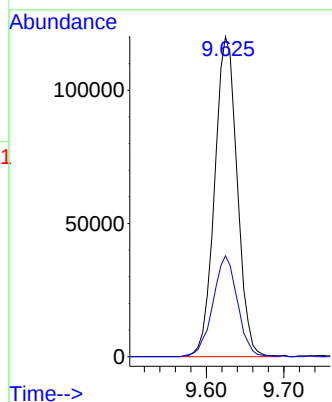
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 242740
Ion Ratio Lower Upper
63 100
65 31.5 27.2 40.8

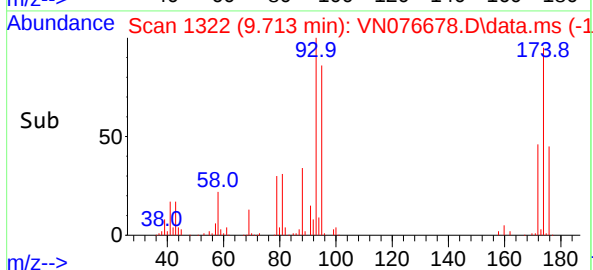
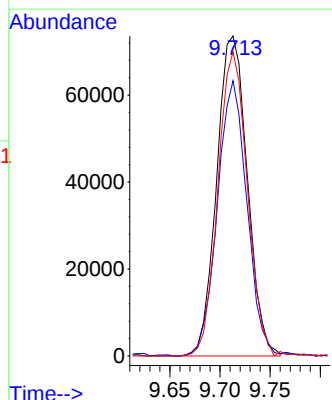
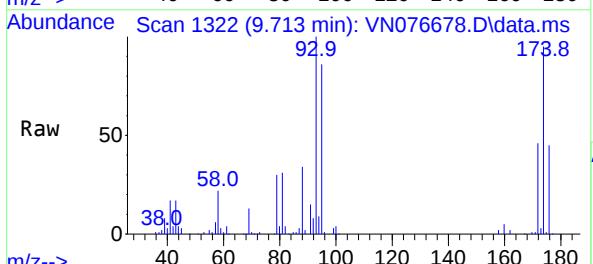
Manual Integrations
APPROVED

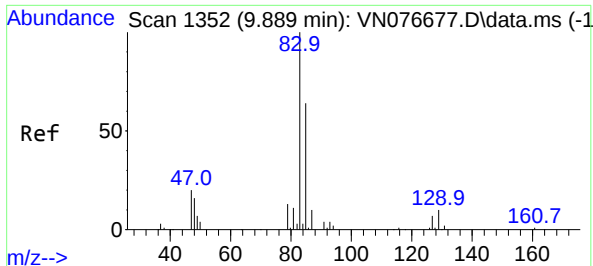
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Dibromomethane
Concen: 47.809 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

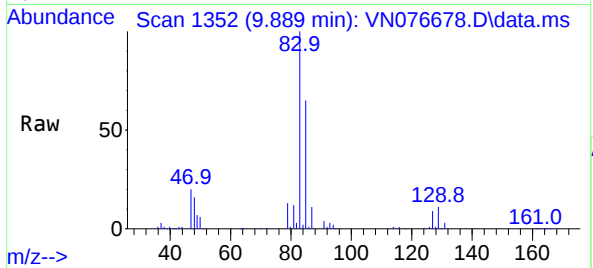
Tgt Ion: 93 Resp: 156194
Ion Ratio Lower Upper
93 100
95 82.7 0.0 158.0
174 90.8 0.0 171.2





#41
Bromodichloromethane
Concen: 46.298 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

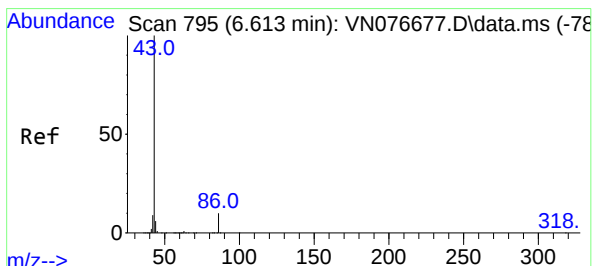
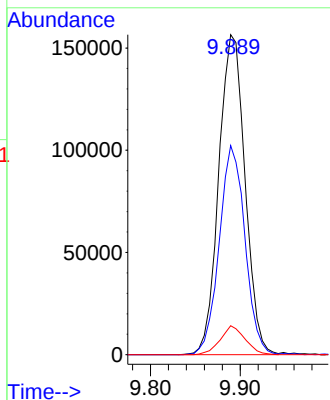
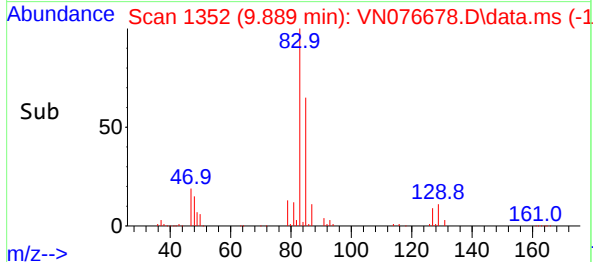
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



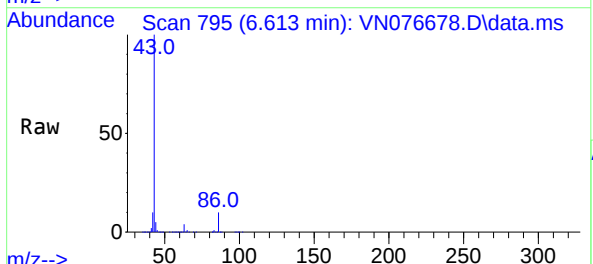
Tgt Ion: 83 Resp: 318030
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 9.1 6.2 9.2

Manual Integrations
APPROVED

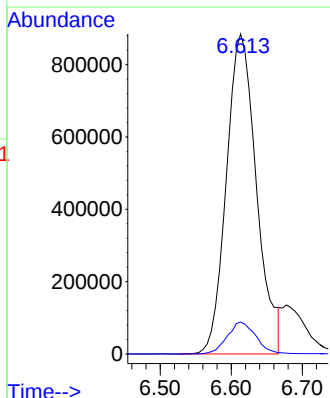
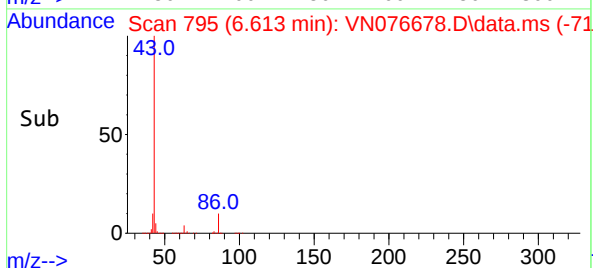
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

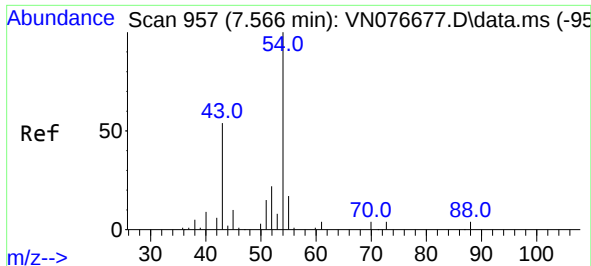


#42
Vinyl Acetate
Concen: 219.365 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



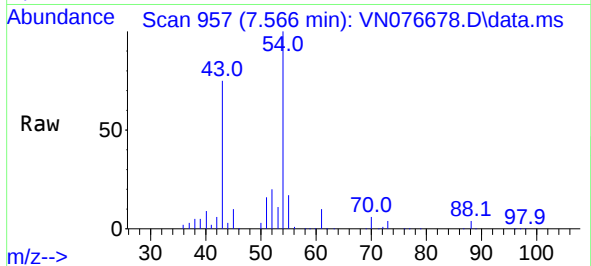
Tgt Ion: 43 Resp: 2608444
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





#43
Ethyl Acetate
Concen: 44.238 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

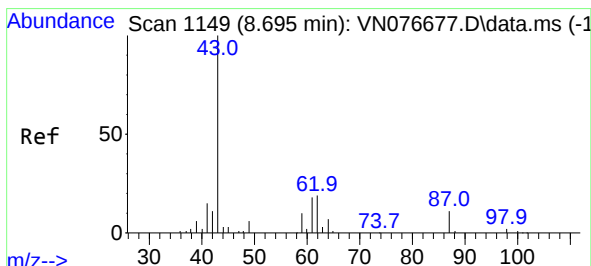
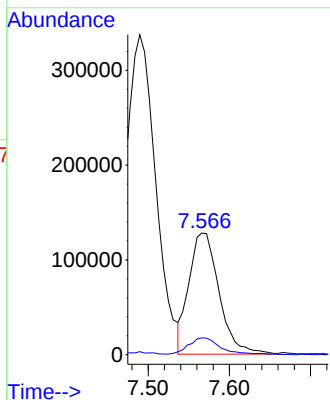
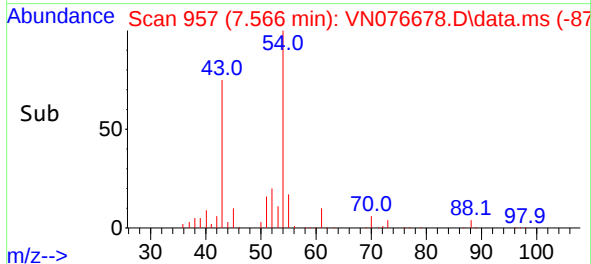
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



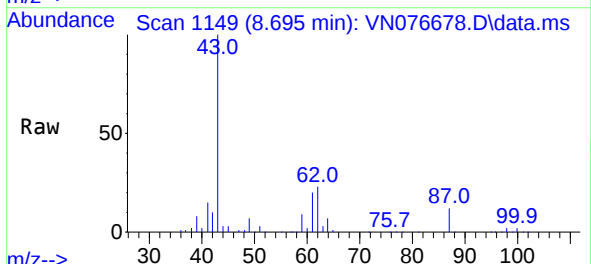
Tgt Ion: 43 Resp: 329762
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8

Manual Integrations
APPROVED

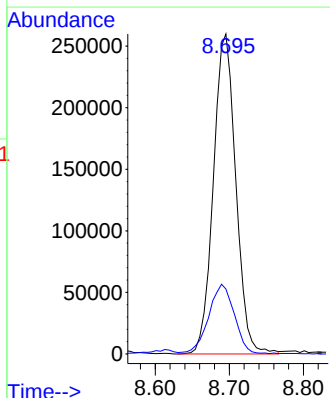
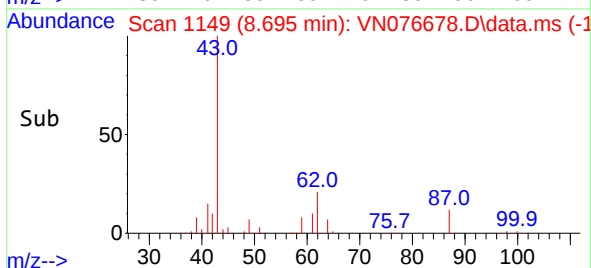
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

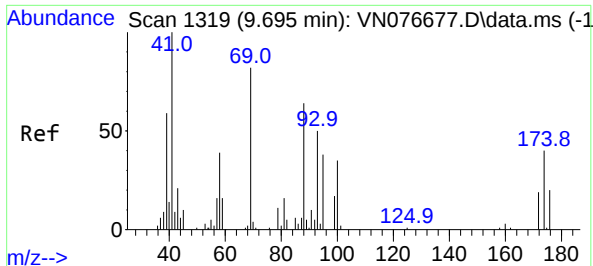


#44
Isopropyl Acetate
Concen: 44.597 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 43 Resp: 546838
Ion Ratio Lower Upper
43 100
61 25.1 19.5 29.3





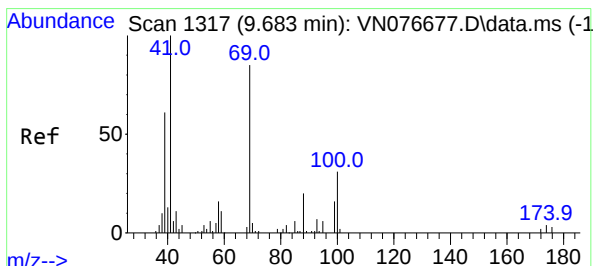
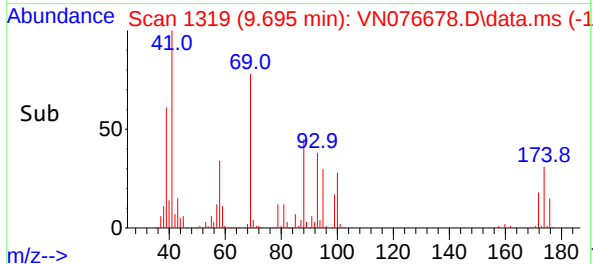
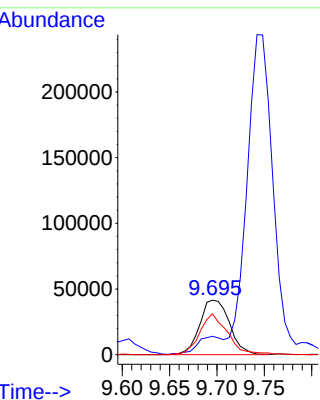
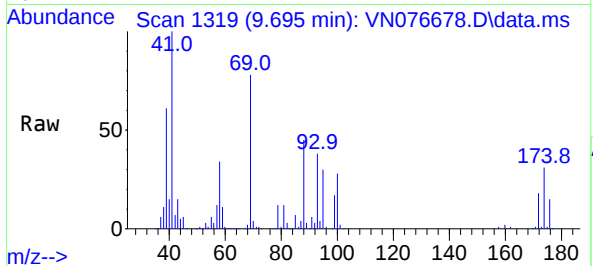
#45
1,4-Dioxane
Concen: 911.712 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 88 Resp: 9113
Ion Ratio Lower Upper
88 100
43 28.1 26.0 39.0
58 70.5 54.3 81.5

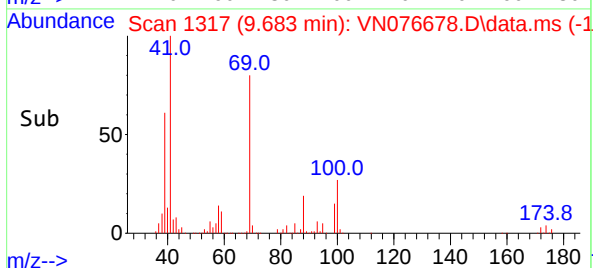
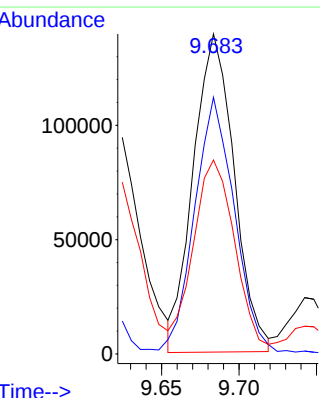
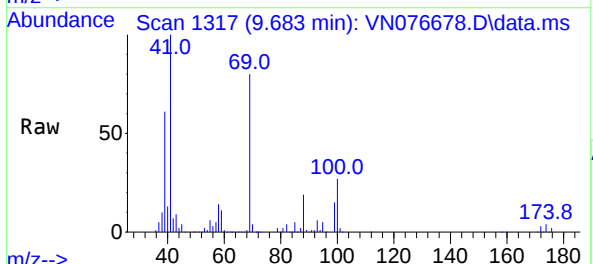
Manual Integrations
APPROVED

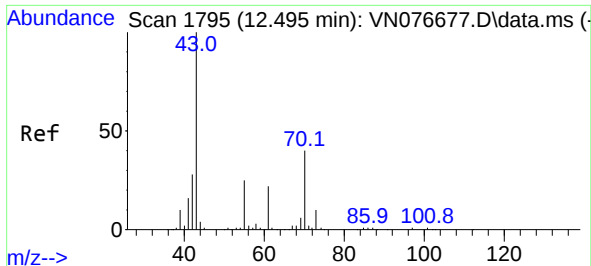
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#46
Methyl methacrylate
Concen: 43.227 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

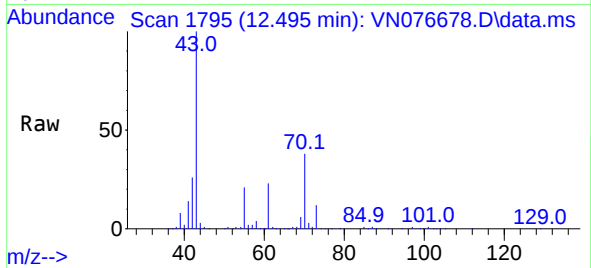
Tgt Ion: 41 Resp: 255561
Ion Ratio Lower Upper
41 100
69 81.2 40.6 121.7
39 60.6 30.5 91.5





#47
n-amyl acetate
Concen: 49.361 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

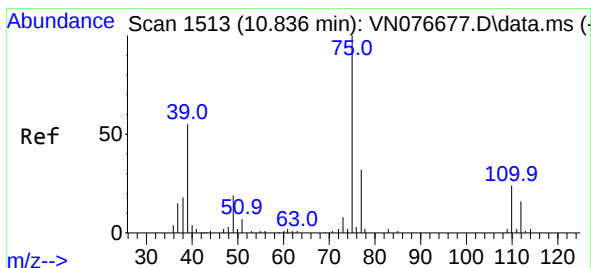
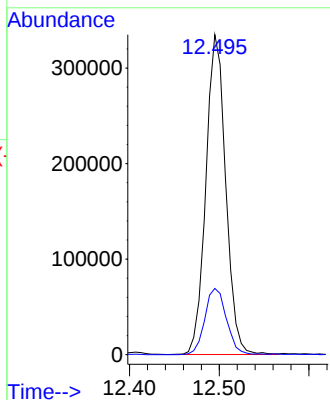
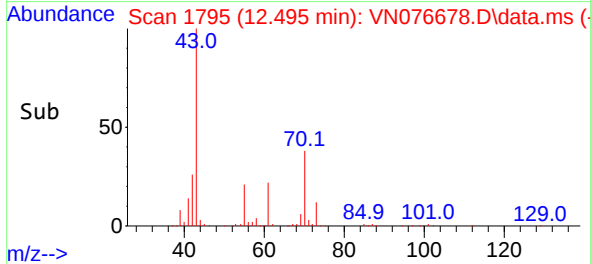
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



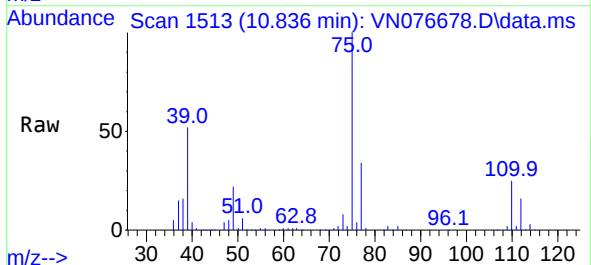
Tgt Ion: 43 Resp: 514464
Ion Ratio Lower Upper
43 100
55 22.5 18.3 27.5

Manual Integrations
APPROVED

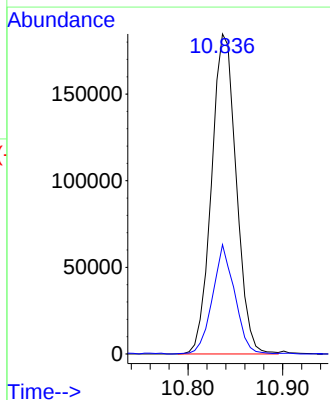
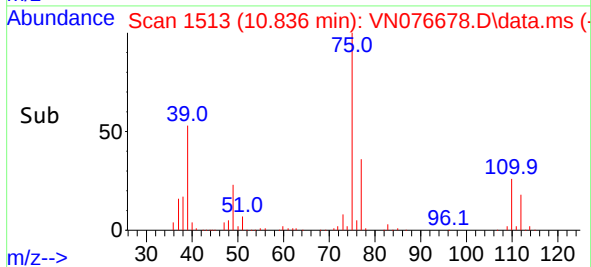
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

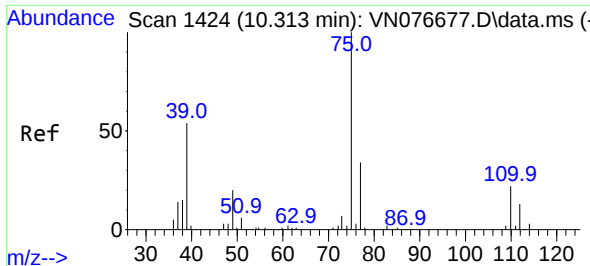


#48
t-1,3-Dichloropropene
Concen: 48.528 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



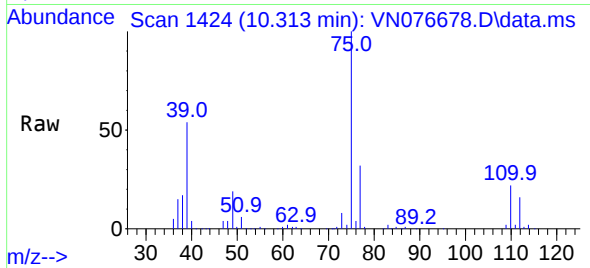
Tgt Ion: 75 Resp: 335559
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 48.330 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

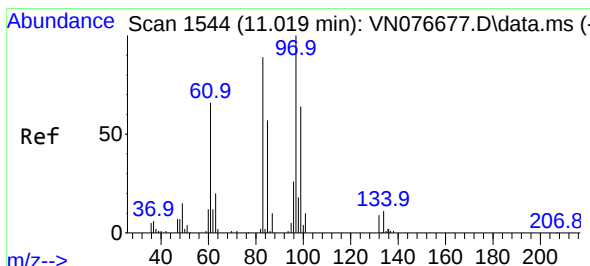
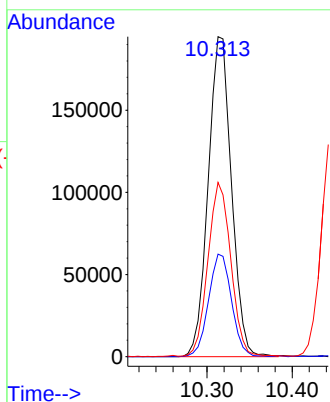
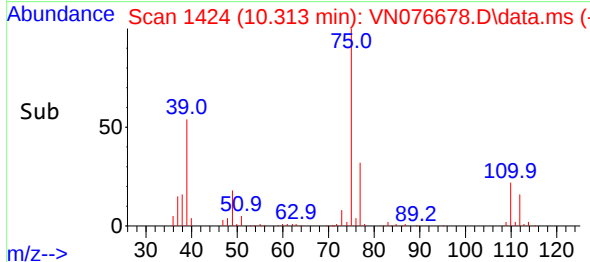
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



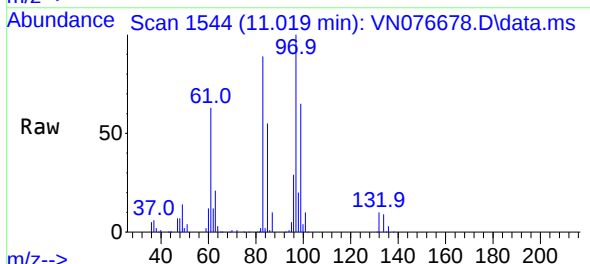
Tgt Ion: 75 Resp: 369429
Ion Ratio Lower Upper
75 100
77 32.1 27.5 41.3
39 54.3 43.5 65.3

Manual Integrations
APPROVED

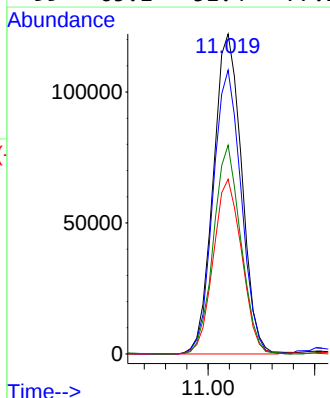
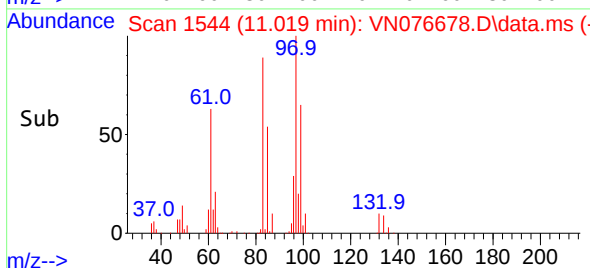
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

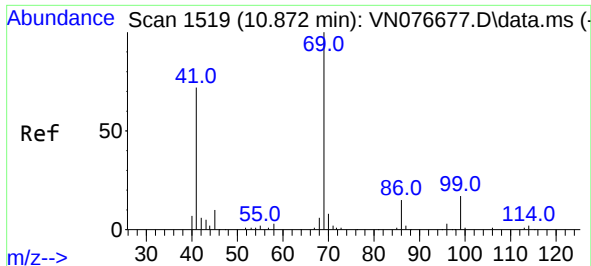


#50
1,1,2-Trichloroethane
Concen: 50.928 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 97 Resp: 225961
Ion Ratio Lower Upper
97 100
83 88.7 71.0 106.4
85 54.6 45.5 68.3
99 65.1 51.4 77.2





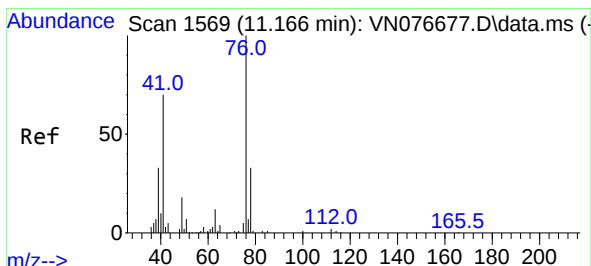
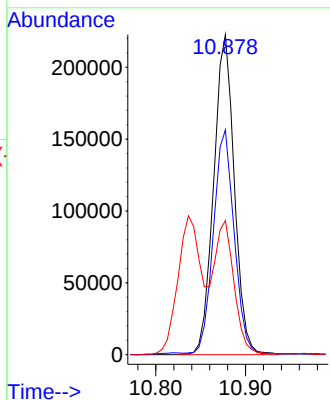
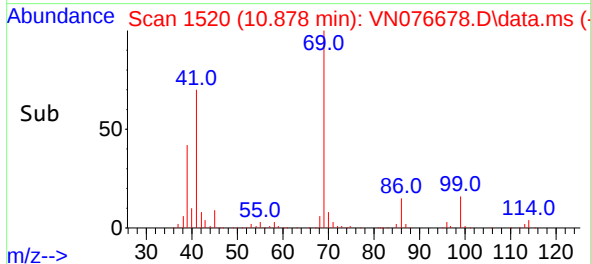
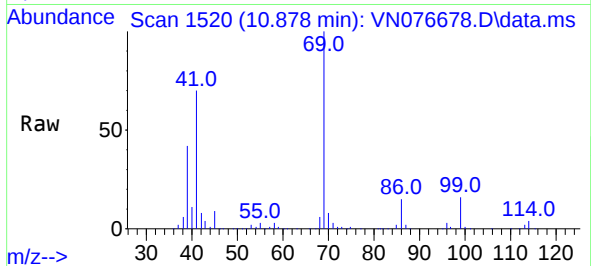
#51
Ethyl methacrylate
Concen: 50.612 ug/l
RT: 10.878 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 69 Resp: 356569
Ion Ratio Lower Upper
69 100
41 70.0 36.3 108.7
39 41.6 19.9 59.7

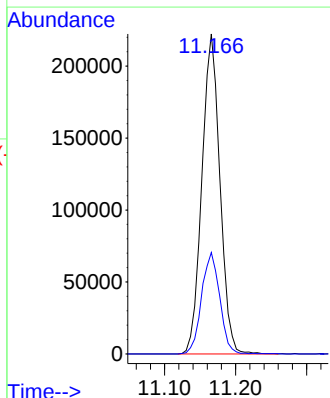
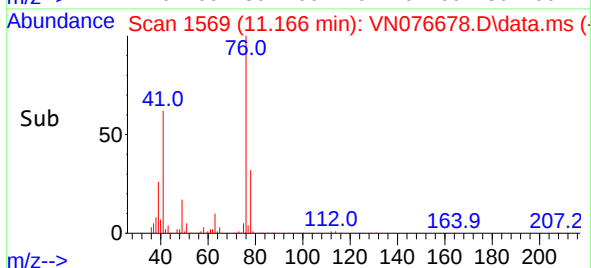
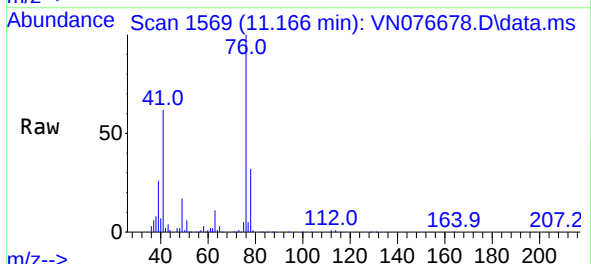
Manual Integrations
APPROVED

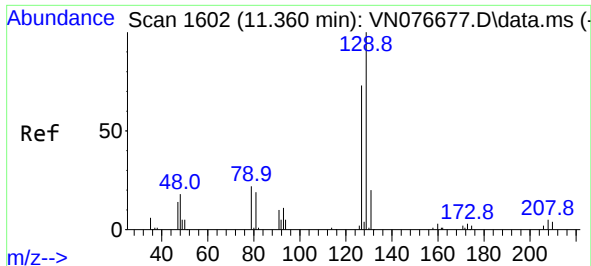
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
1,3-Dichloropropane
Concen: 47.533 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 76 Resp: 393124
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





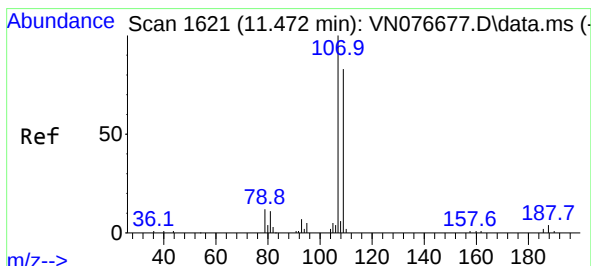
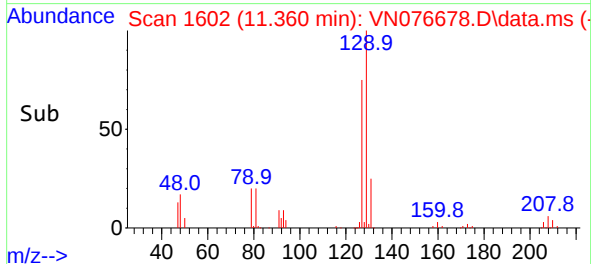
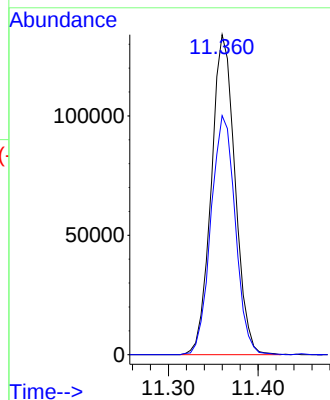
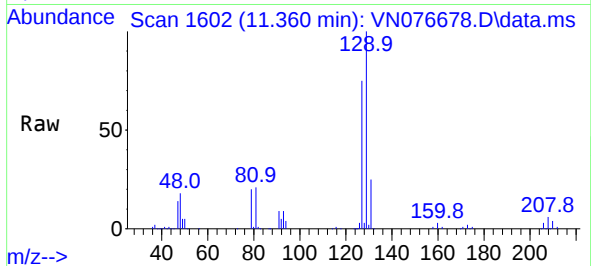
#53
Dibromochloromethane
Concen: 53.340 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 245919
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1

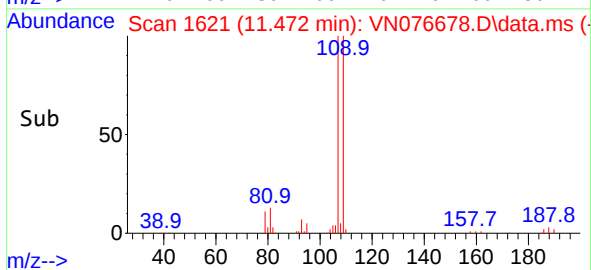
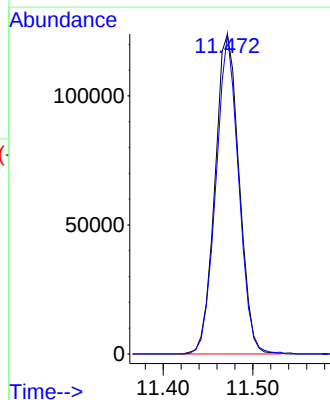
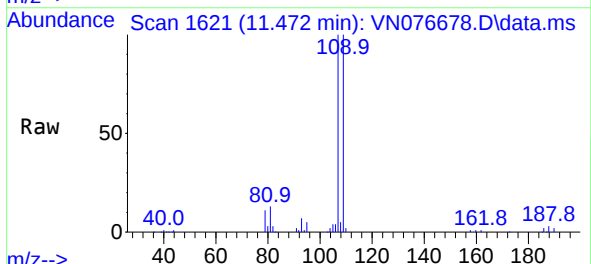
Manual Integrations
APPROVED

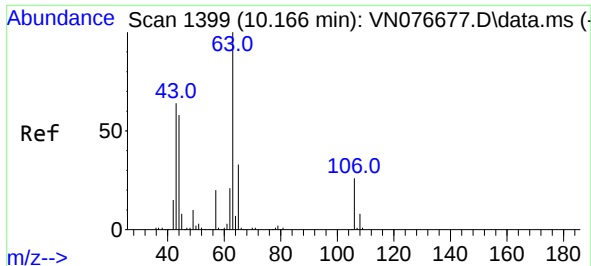
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
1,2-Dibromoethane
Concen: 51.465 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

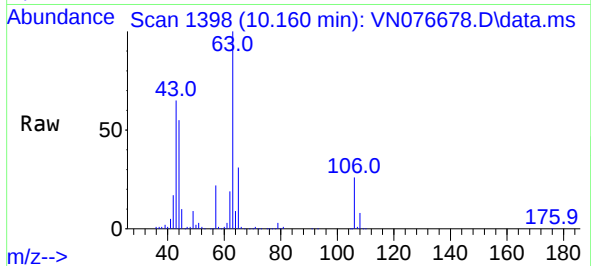
Tgt Ion:107 Resp: 231061
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 242.156 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

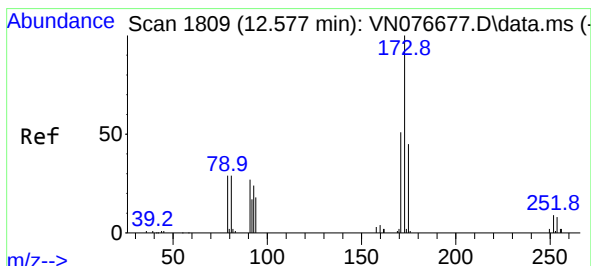
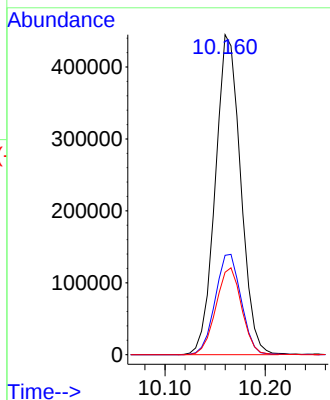
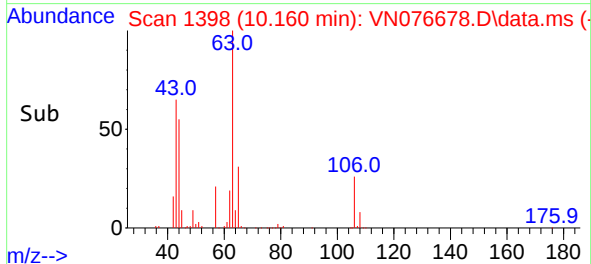
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 779260
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 27.5 21.6 32.4

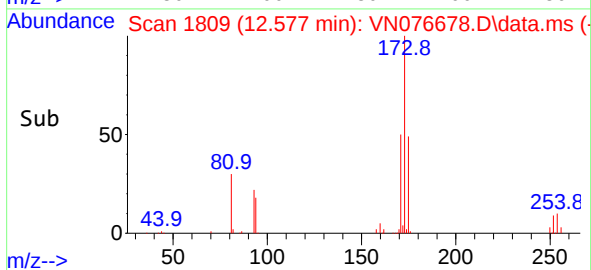
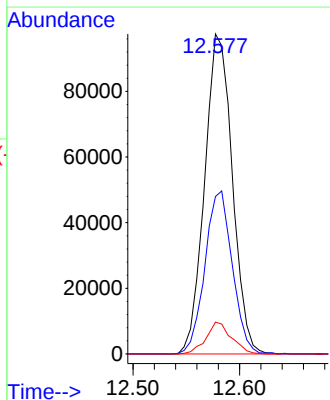
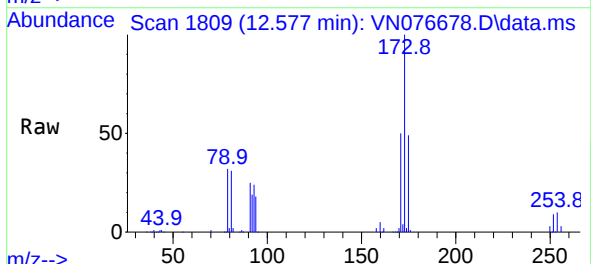
Manual Integrations
APPROVED

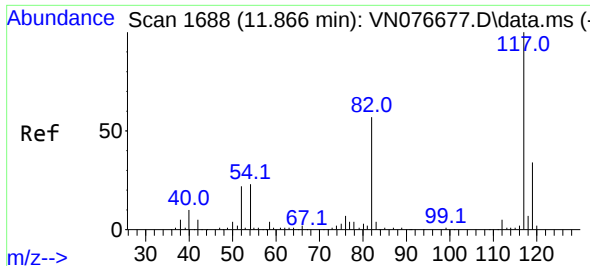
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 59.325 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:173 Resp: 176153
Ion Ratio Lower Upper
173 100
175 50.3 37.8 56.6
254 9.2 7.3 10.9





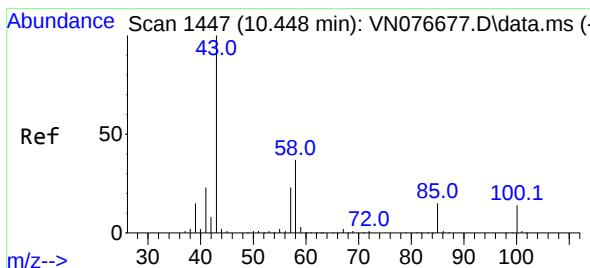
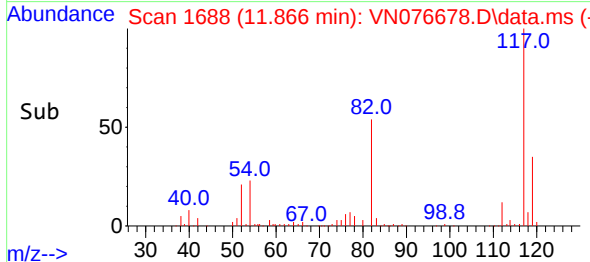
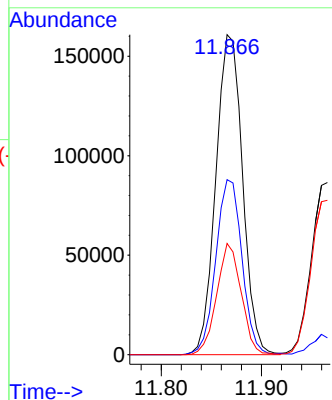
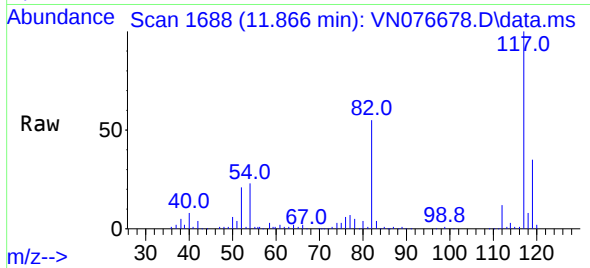
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 297720
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.8 26.8 40.2

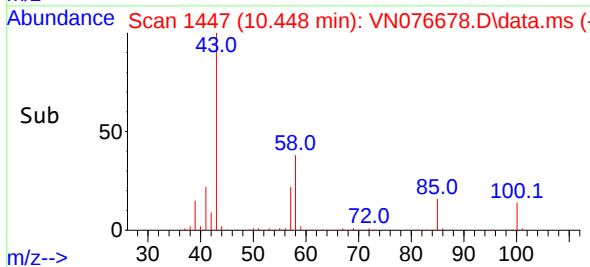
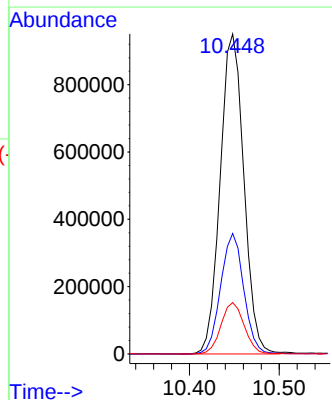
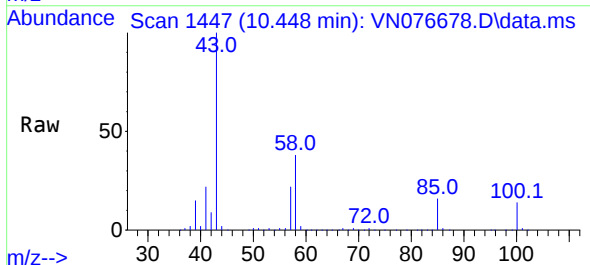
Manual Integrations
APPROVED

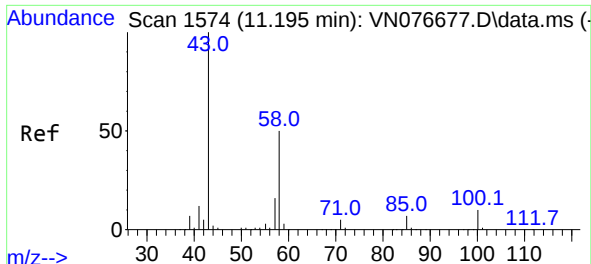
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
4-Methyl-2-Pentanone
Concen: 208.851 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

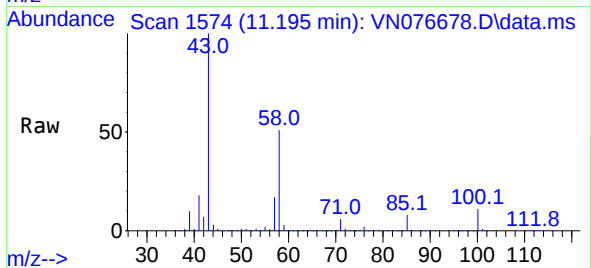
Tgt Ion: 43 Resp: 1738241
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8
85 15.9 11.8 17.8





#59
2-Hexanone
Concen: 215.853 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

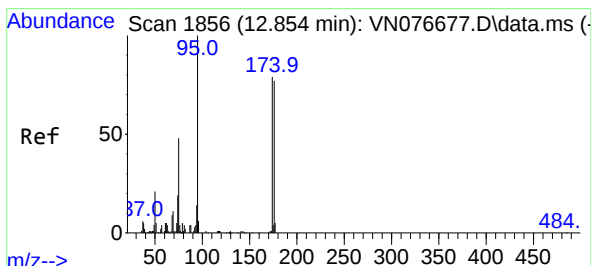
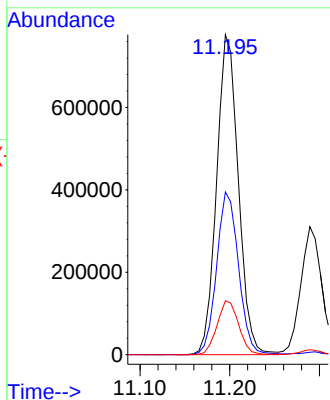
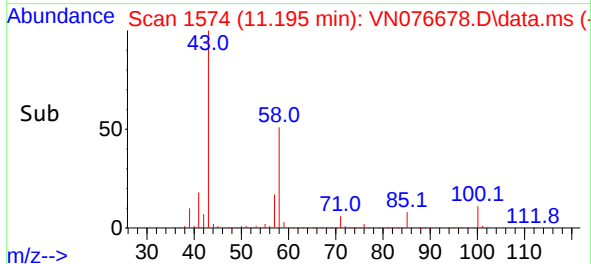
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 1306210
Ion Ratio Lower Upper
43 100
58 51.3 40.6 60.8
57 16.7 13.1 19.7

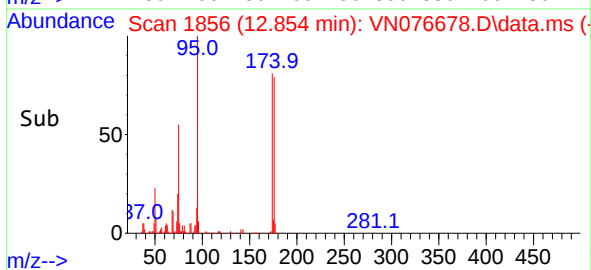
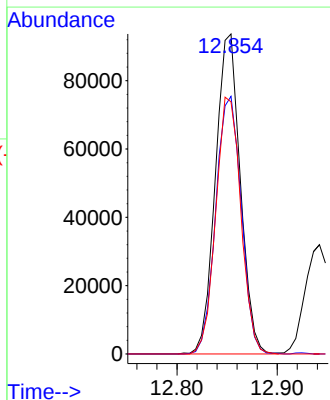
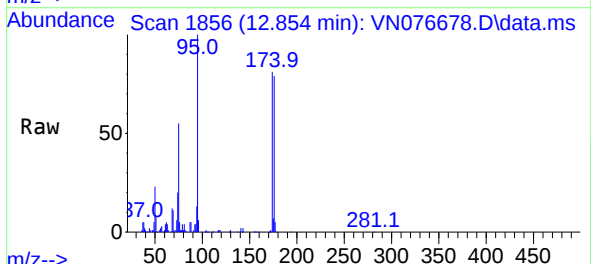
Manual Integrations
APPROVED

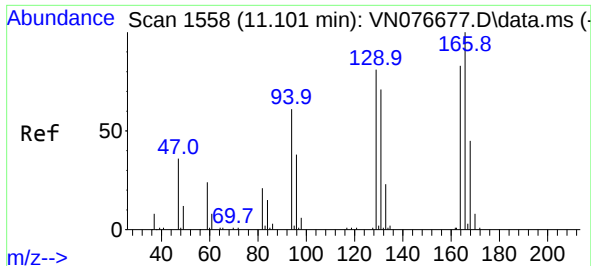
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
4-Bromofluorobenzene
Concen: 24.019 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

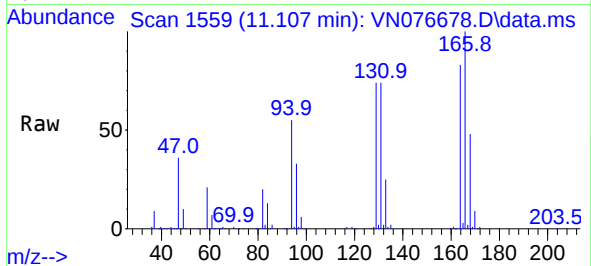
Tgt Ion: 95 Resp: 161443
Ion Ratio Lower Upper
95 100
174 82.3 64.2 96.4
176 80.8 61.4 92.0





#61
Tetrachloroethene
Concen: 49.096 ug/l
RT: 11.107 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

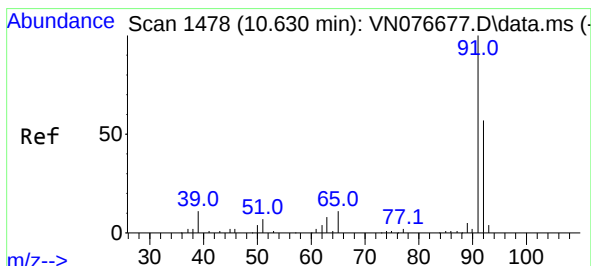
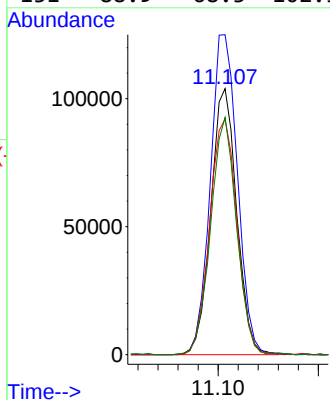
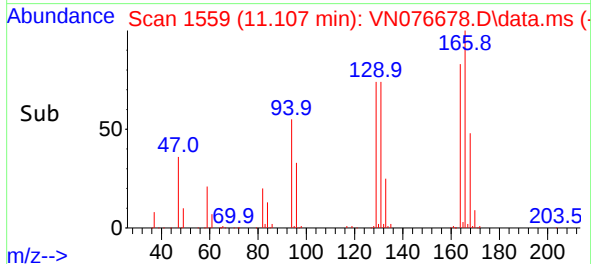
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



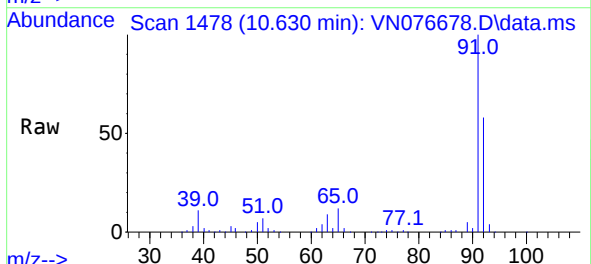
Tgt Ion:164 Resp: 18684
Ion Ratio Lower Upper
164 100
166 120.0 96.2 144.2
129 88.7 78.2 117.4
131 88.9 68.3 102.5

Manual Integrations
APPROVED

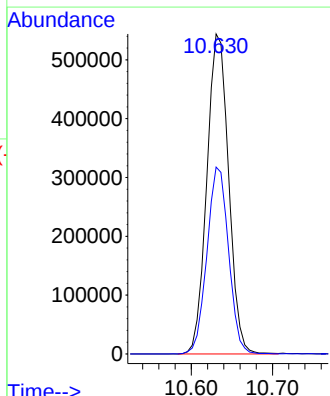
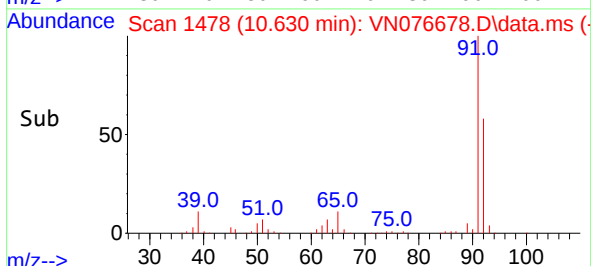
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

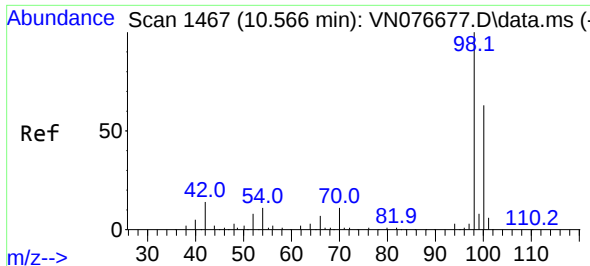


#62
Toluene
Concen: 45.914 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 91 Resp: 1013483
Ion Ratio Lower Upper
91 100
92 57.9 46.3 69.5





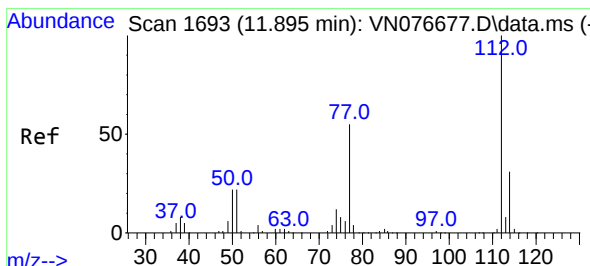
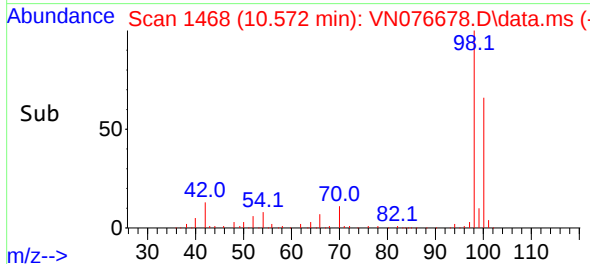
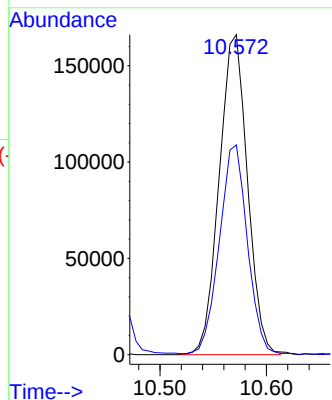
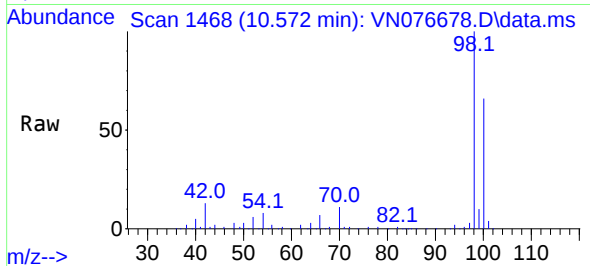
#63
Toluene-d8
Concen: 28.020 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 98 Resp: 306315
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6

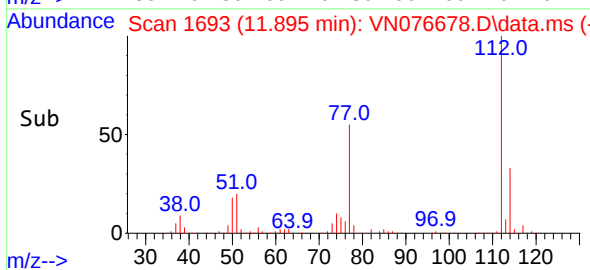
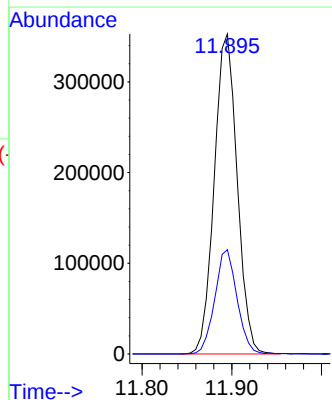
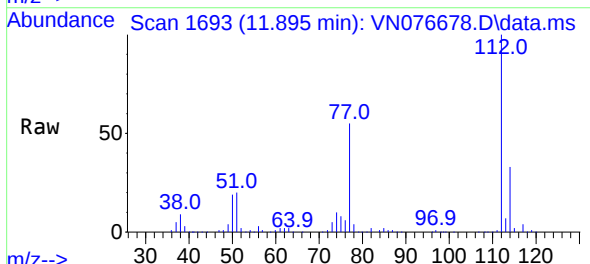
Manual Integrations
APPROVED

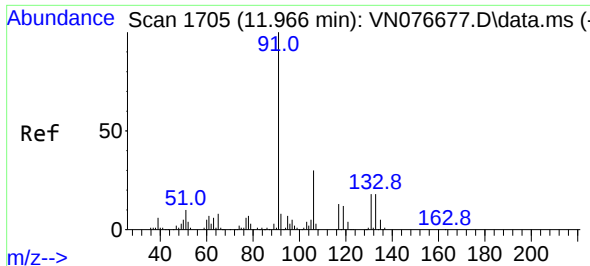
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Chlorobenzene
Concen: 48.868 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

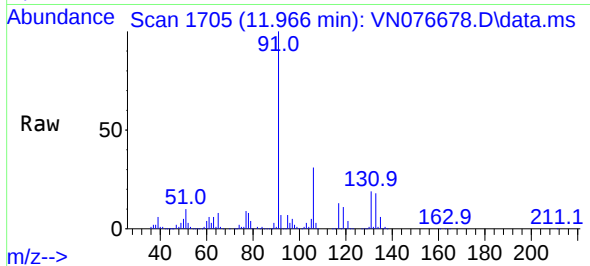
Tgt Ion:112 Resp: 624881
Ion Ratio Lower Upper
112 100
114 32.6 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 46.567 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

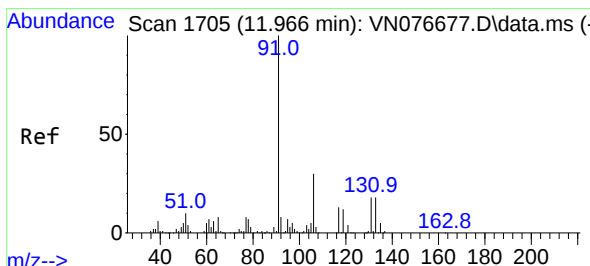
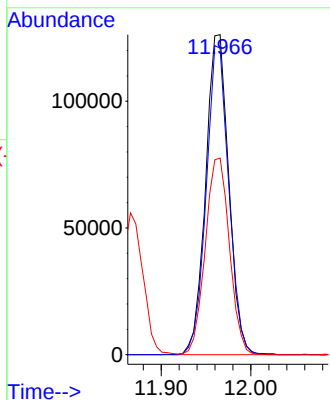
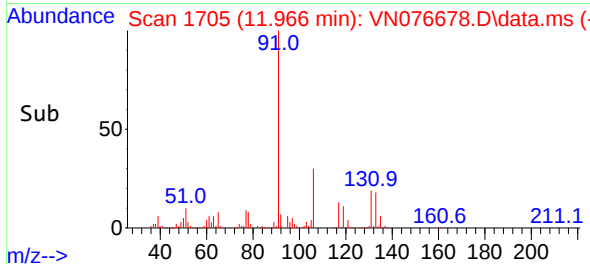
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 22574
Ion Ratio Lower Upper
131 100
133 94.5 0.0 197.6
119 64.2 0.0 127.8

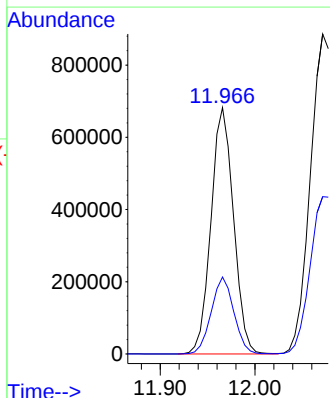
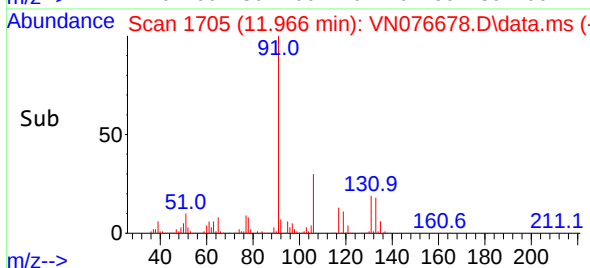
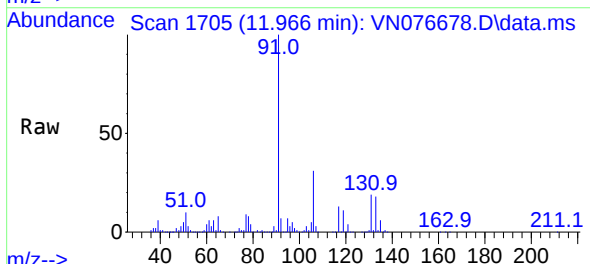
Manual Integrations
APPROVED

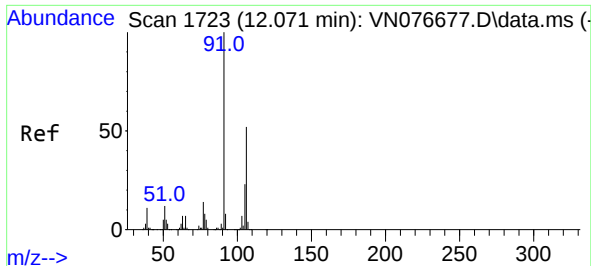
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 46.598 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 91 Resp: 1127619
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.8





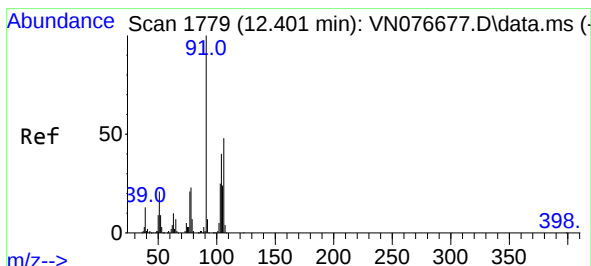
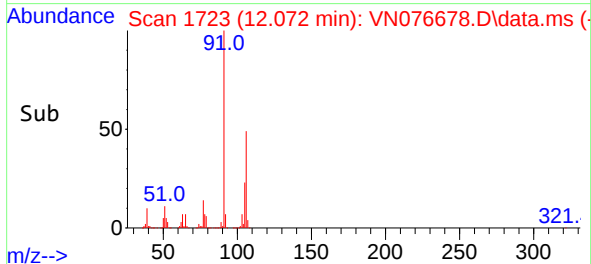
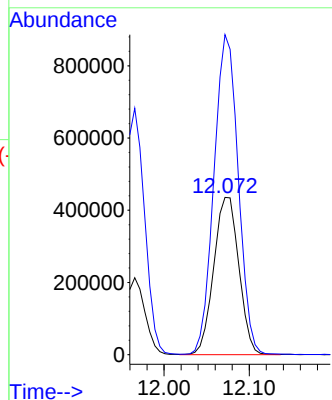
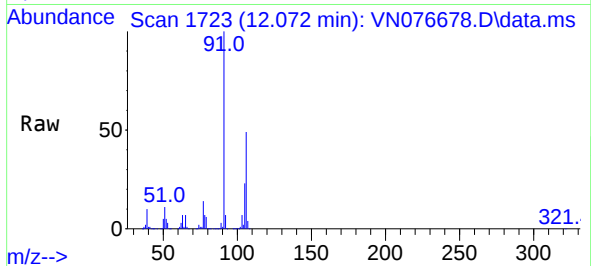
#67
m/p-Xylenes
Concen: 98.265 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 89219
Ion Ratio Lower Upper
106 100
91 195.9 157.4 236.2

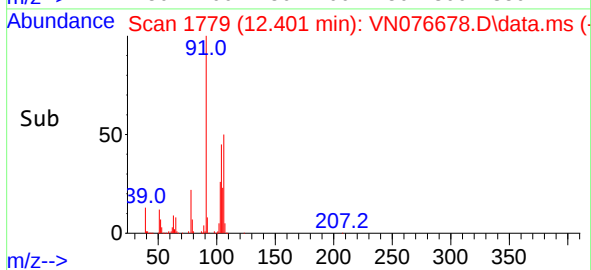
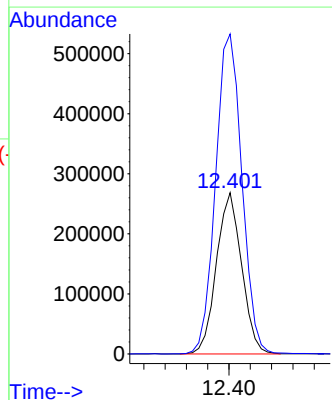
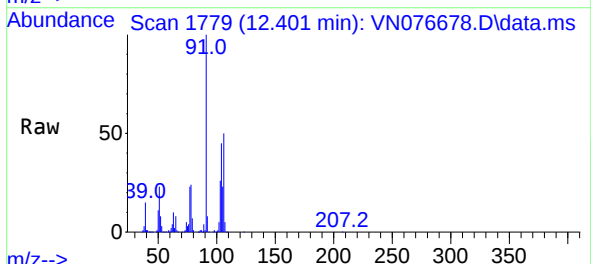
Manual Integrations
APPROVED

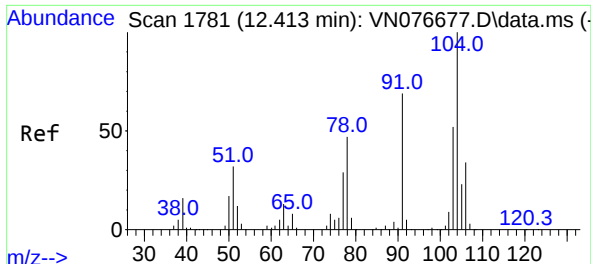
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 49.242 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:106 Resp: 440464
Ion Ratio Lower Upper
106 100
91 206.7 107.2 321.6





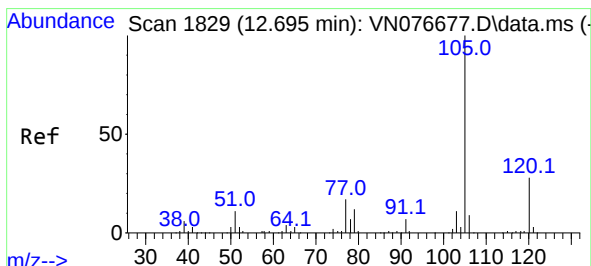
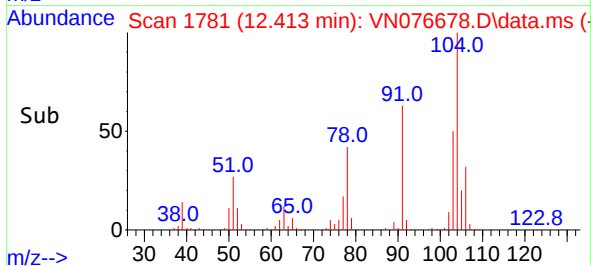
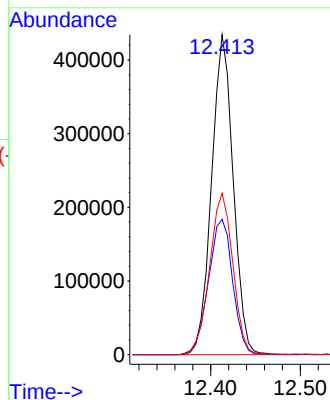
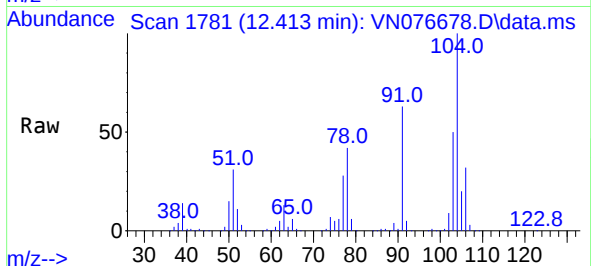
#69
Styrene
Concen: 51.243 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 72755
Ion Ratio Lower Upper
104 100
78 47.2 39.6 59.4
103 54.1 43.9 65.9

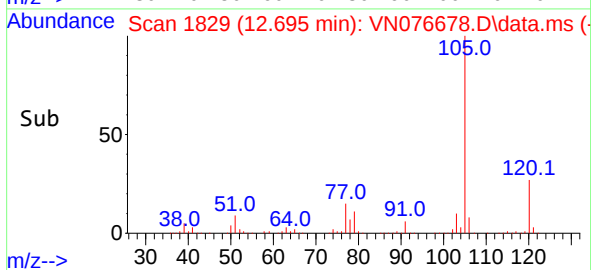
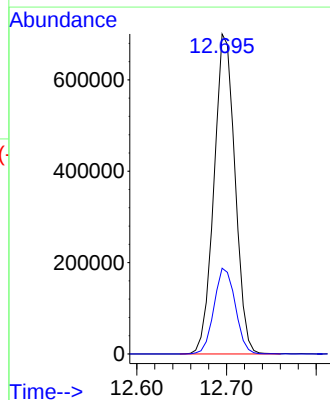
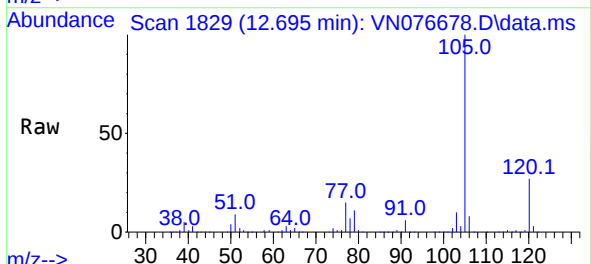
Manual Integrations
APPROVED

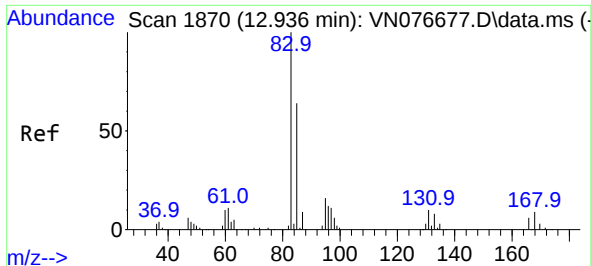
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Isopropylbenzene
Concen: 47.526 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:105 Resp: 1139240
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2





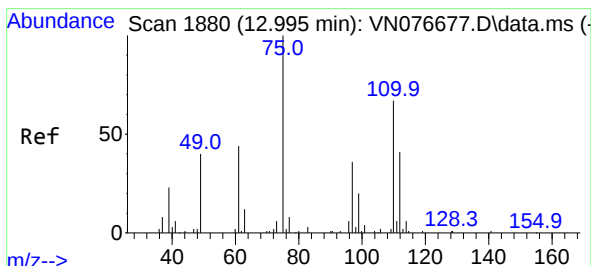
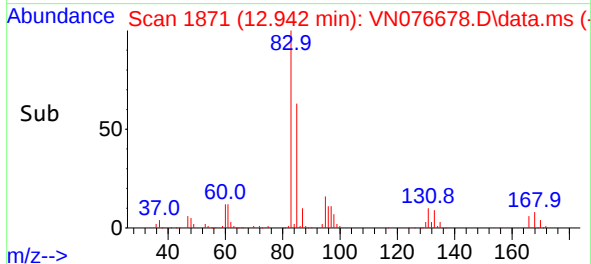
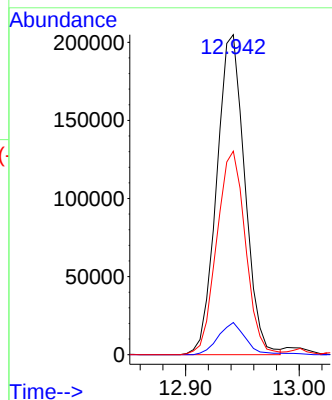
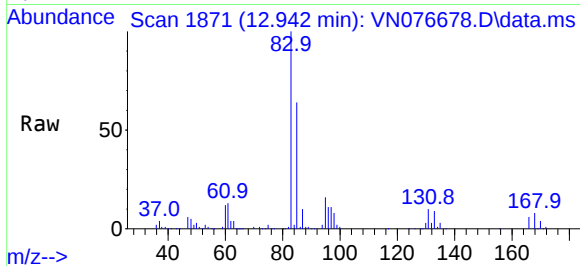
#71
1,1,2,2-Tetrachloroethane
Concen: 42.235 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 352972
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.9 32.3 96.9

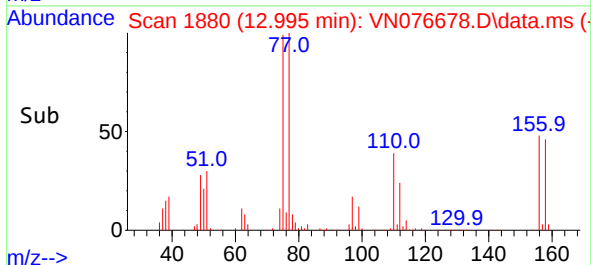
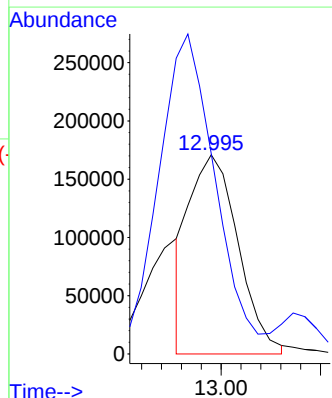
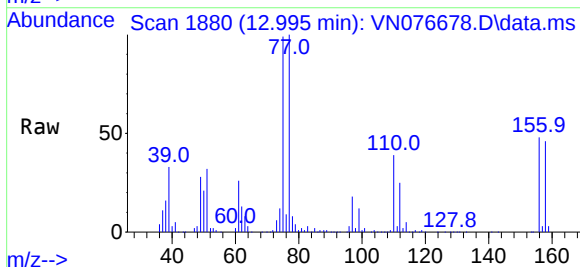
Manual Integrations
APPROVED

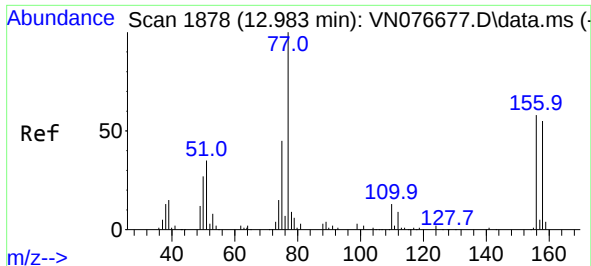
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
1,2,3-Trichloropropane
Concen: 38.276 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

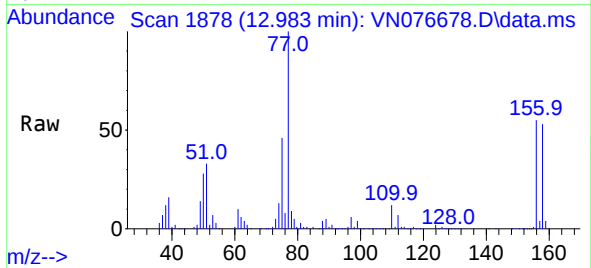
Tgt Ion: 75 Resp: 292157
Ion Ratio Lower Upper
75 100
77 186.2 0.0 332.6





#73
Bromobenzene
Concen: 46.499 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

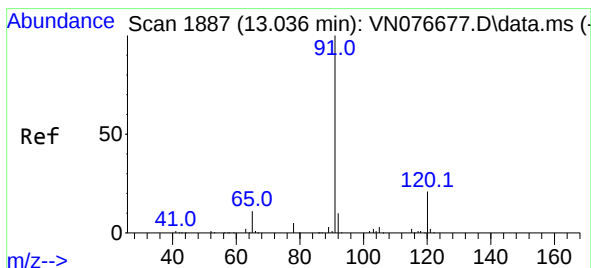
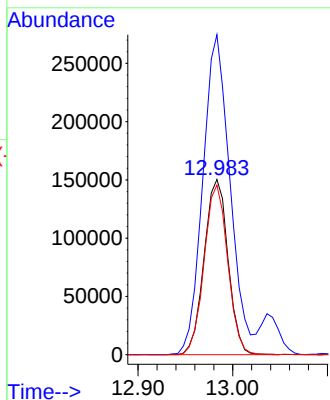
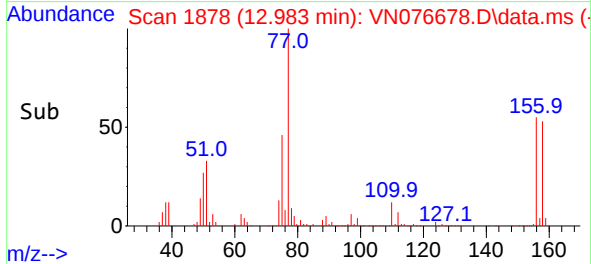
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



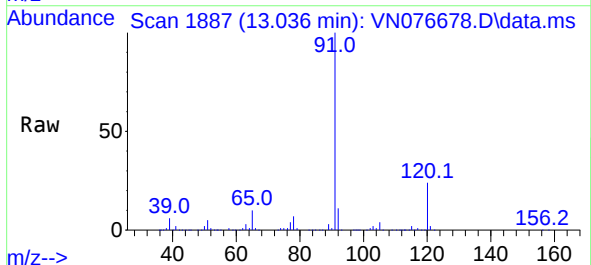
Tgt Ion:156 Resp: 26448
Ion Ratio Lower Upper
156 100
77 205.7 0.0 423.0
158 95.3 0.0 188.6

Manual Integrations
APPROVED

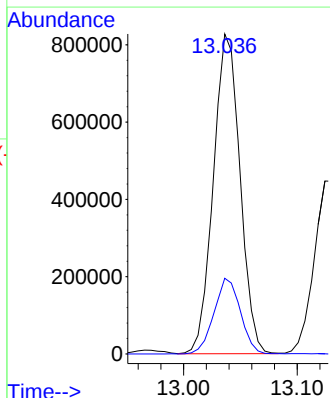
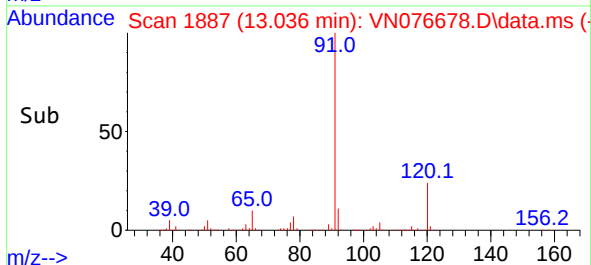
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

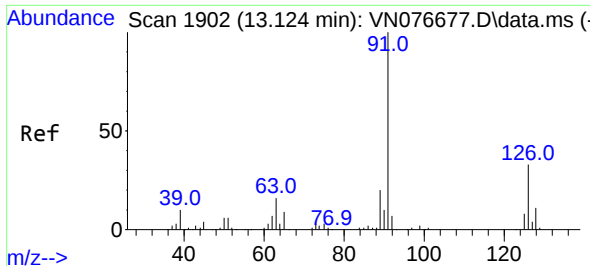


#74
n-propylbenzene
Concen: 43.991 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion: 91 Resp: 1352459
Ion Ratio Lower Upper
91 100
120 23.4 0.0 44.0





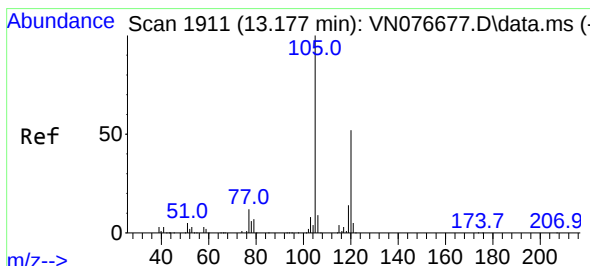
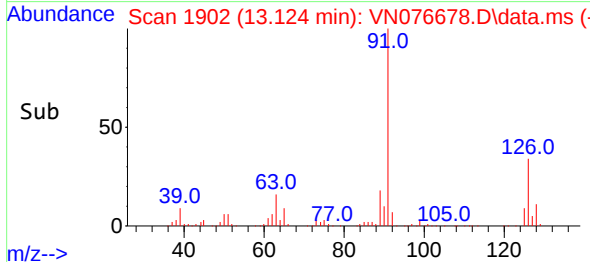
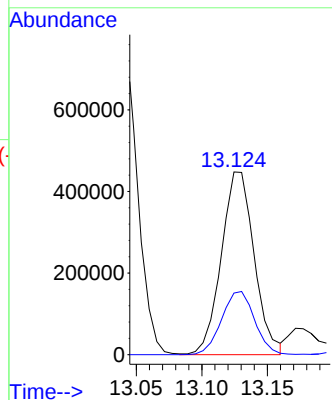
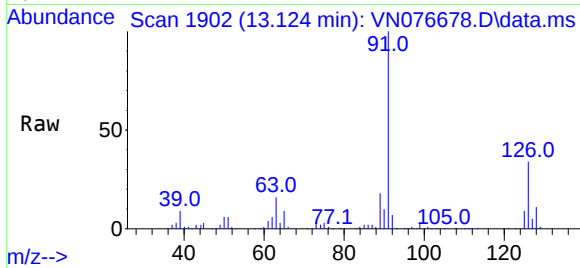
#75
2-Chlorotoluene
Concen: 40.469 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 782648
Ion Ratio Lower Upper
91 100
126 34.7 0.0 66.4

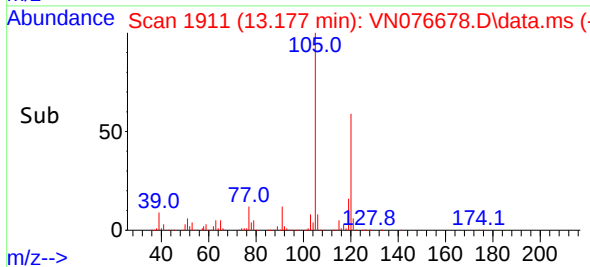
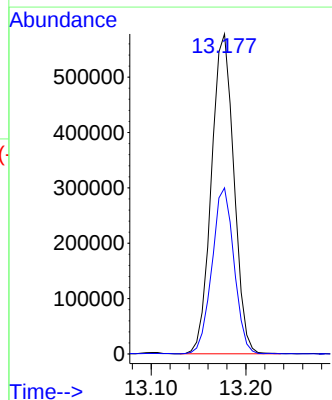
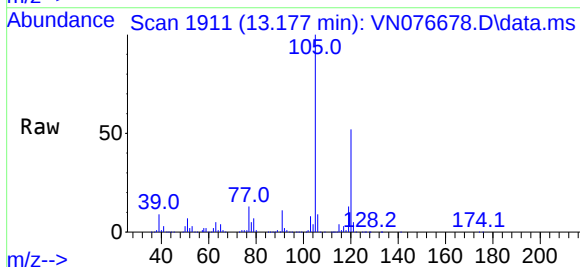
Manual Integrations
APPROVED

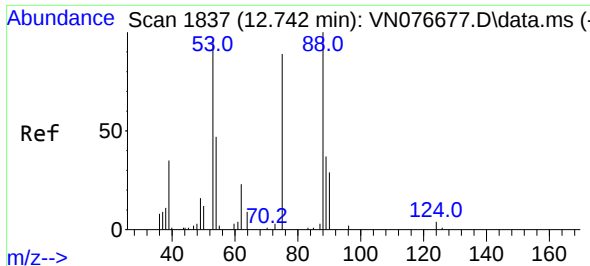
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 42.433 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

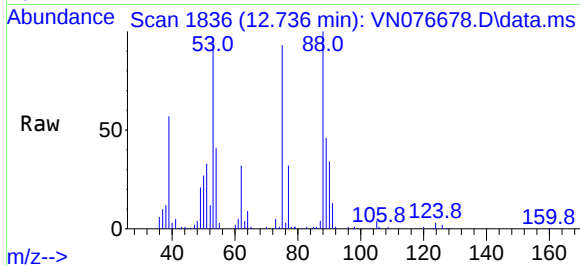
Tgt Ion:105 Resp: 949828
Ion Ratio Lower Upper
105 100
120 51.0 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 45.368 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

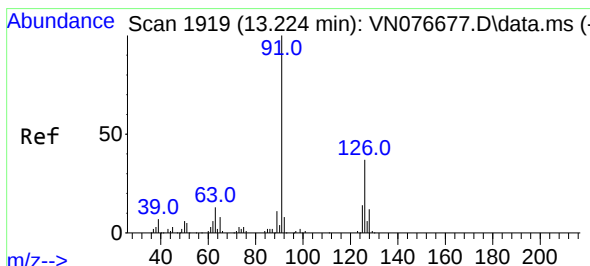
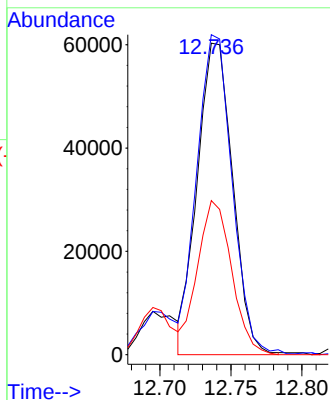
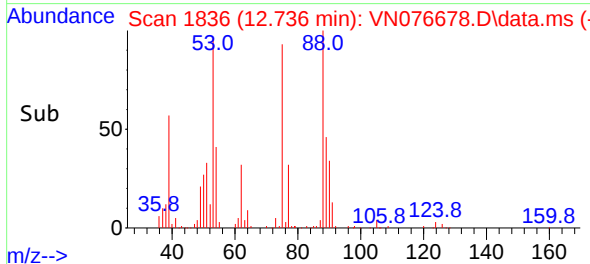
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 104450
Ion Ratio Lower Upper
75 100
53 101.8 50.4 151.3
89 49.8 22.1 66.5

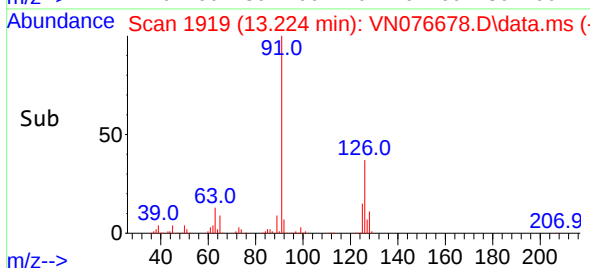
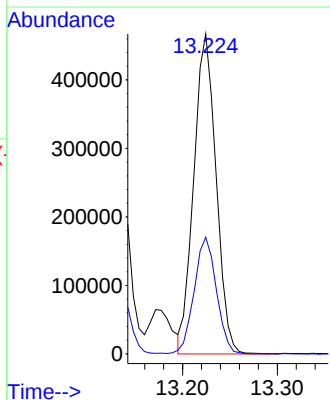
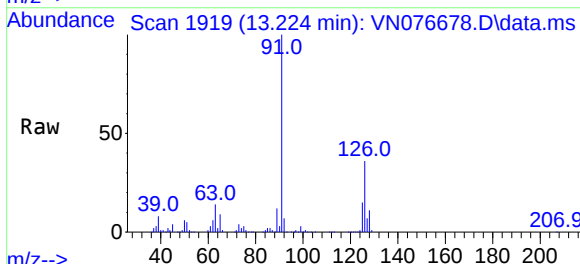
Manual Integrations
APPROVED

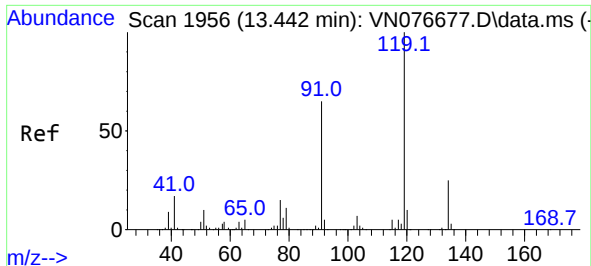
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#78
4-Chlorotoluene
Concen: 39.246 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 91 Resp: 763147
Ion Ratio Lower Upper
91 100
126 36.4 0.0 70.6





#79
tert-butylbenzene
Concen: 45.434 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

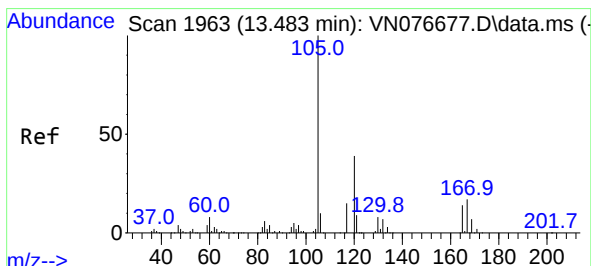
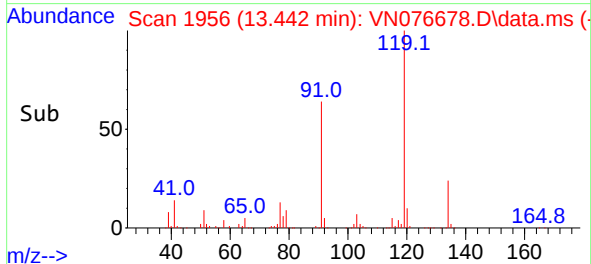
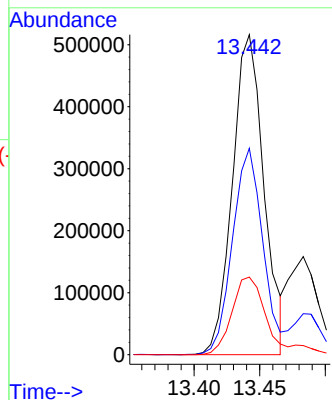
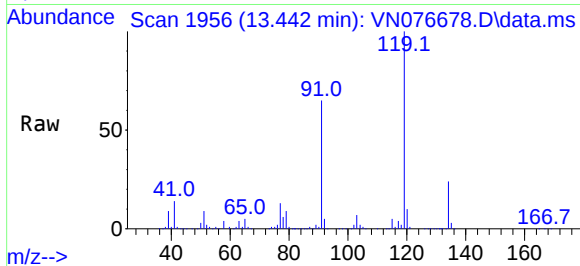
VSTDIC050

Tgt Ion:119 Resp: 86323
Ion Ratio Lower Upper
119 100
91 61.8 0.0 129.6
134 25.3 0.0 47.8

Manual Integrations

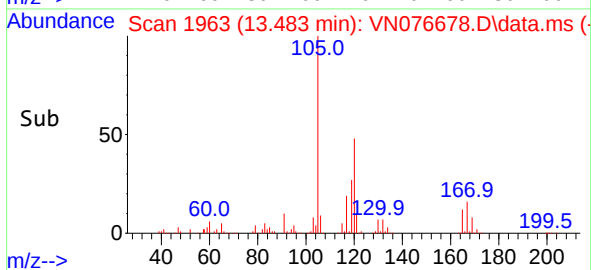
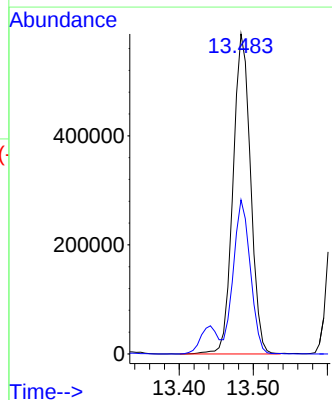
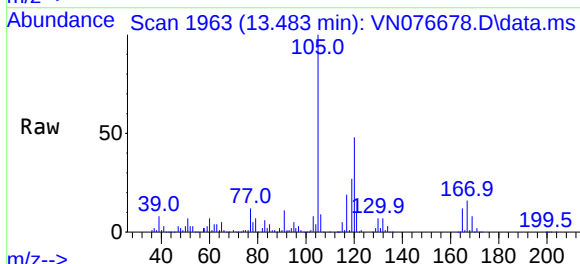
APPROVED

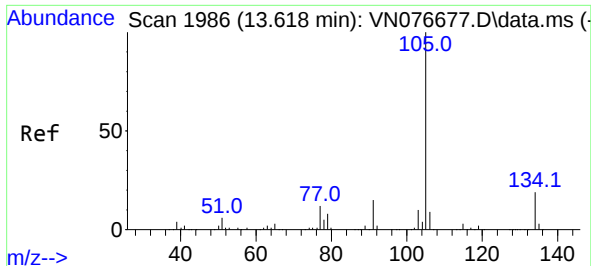
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 43.698 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:105 Resp: 964641
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 46.168 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

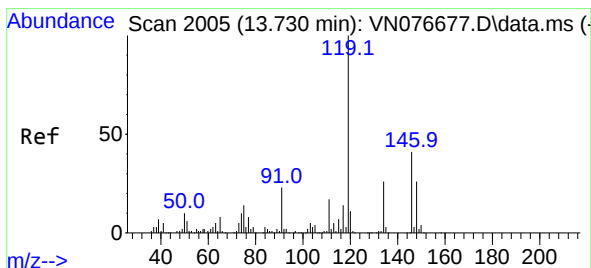
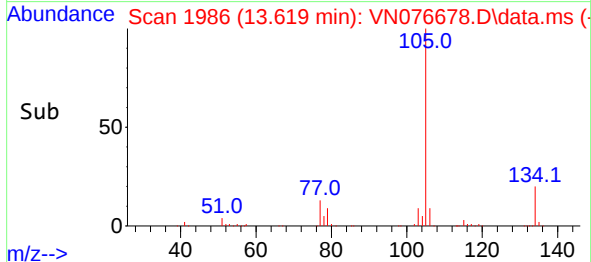
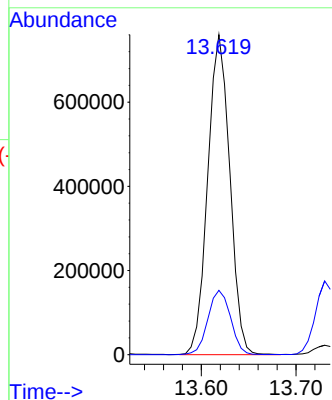
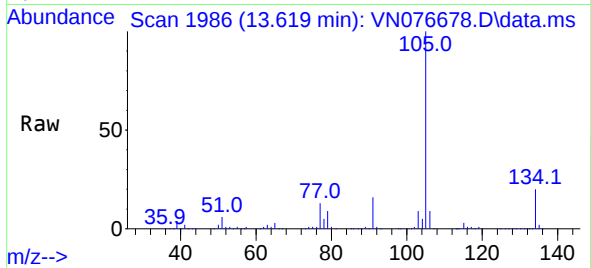
VSTDIC050

Tgt Ion:105 Resp: 1228250
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4

Manual Integrations

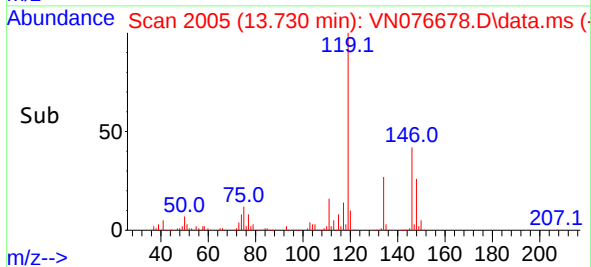
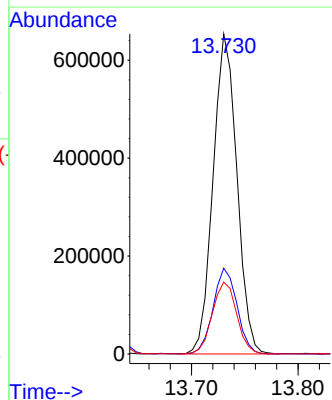
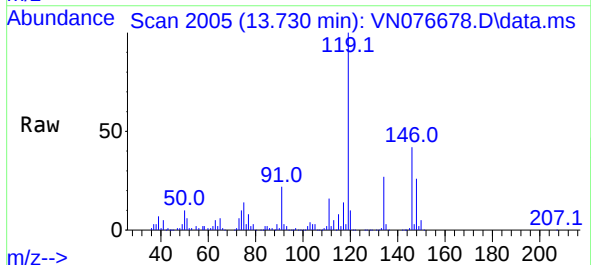
APPROVED

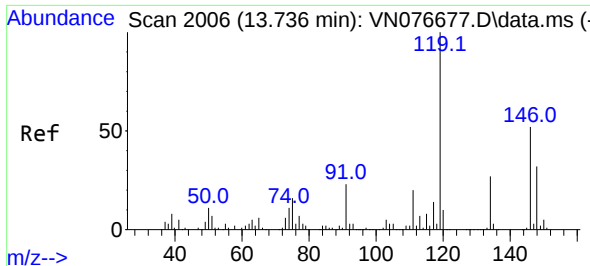
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#82
 p-Isopropyltoluene
 Concen: 47.423 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

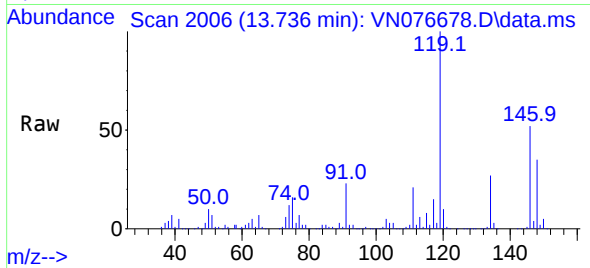
Tgt Ion:119 Resp: 1013739
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.4
 91 23.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 48.233 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

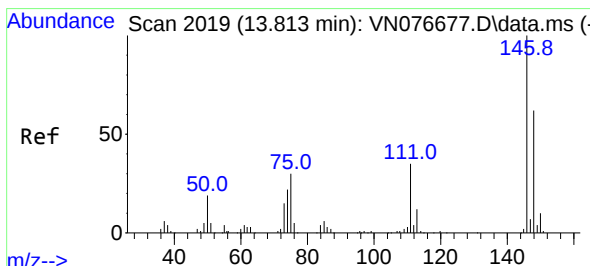
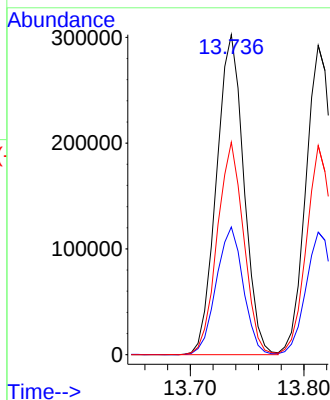
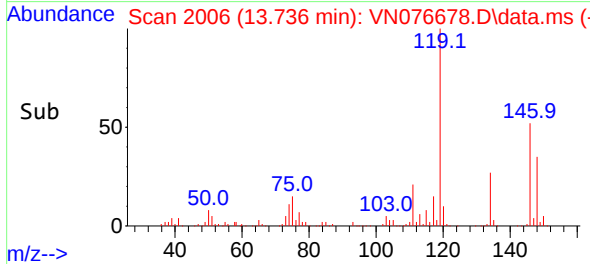
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



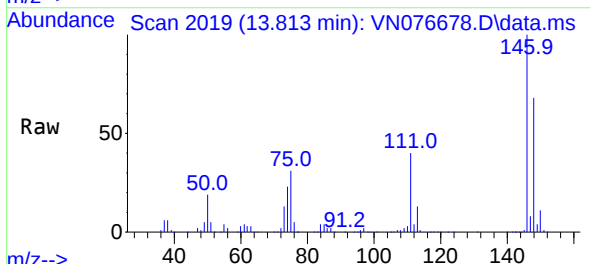
Tgt Ion:146 Resp: 507439
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 64.2 31.9 95.5

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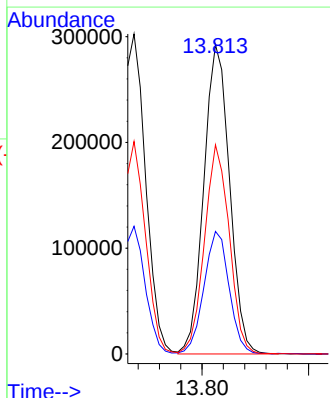
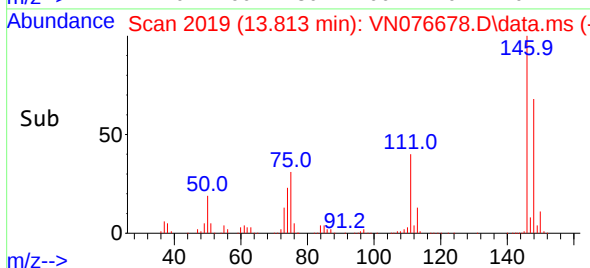
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

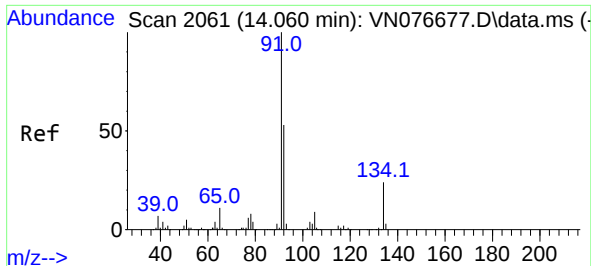


#84
1,4-Dichlorobenzene
Concen: 46.715 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion:146 Resp: 490337
Ion Ratio Lower Upper
146 100
111 38.9 18.2 54.6
148 65.2 31.1 93.2





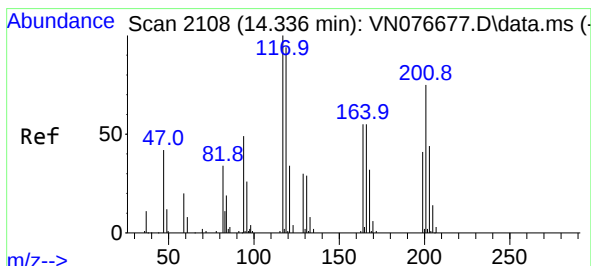
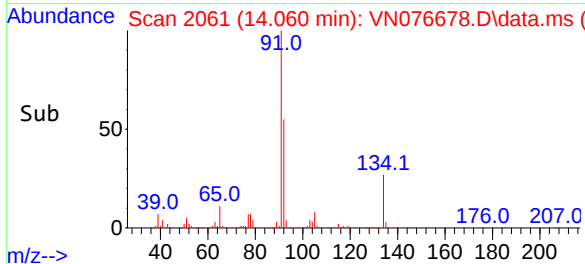
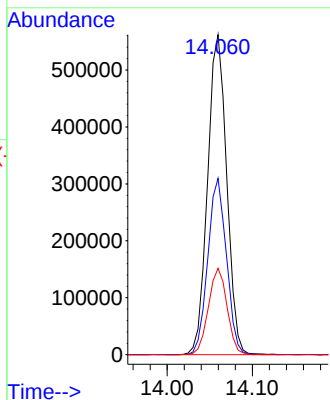
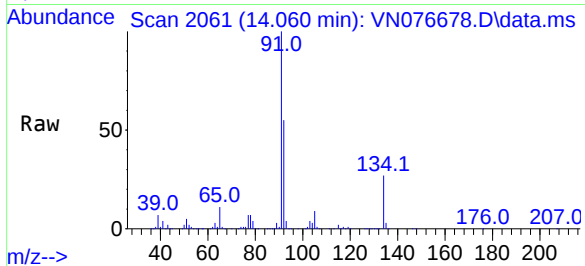
#85
n-Butylbenzene
Concen: 44.220 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 877800
Ion Ratio Lower Upper
91 100
92 53.6 0.0 103.2
134 26.4 0.0 50.0

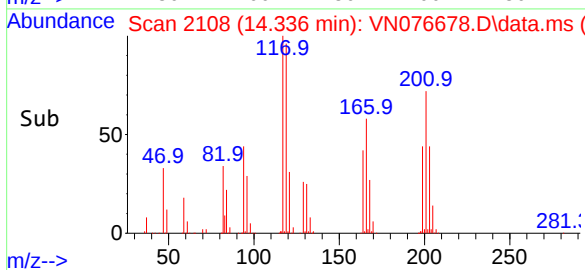
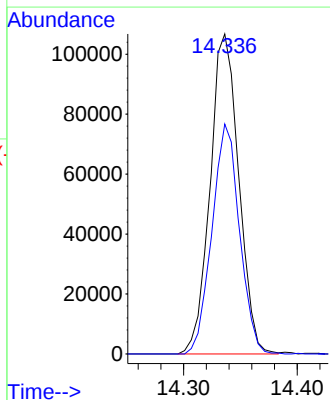
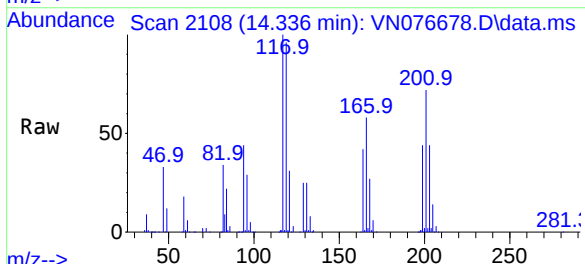
Manual Integrations
APPROVED

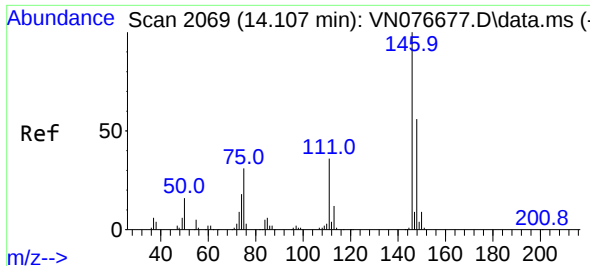
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 45.087 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:117 Resp: 187141
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 44.601 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

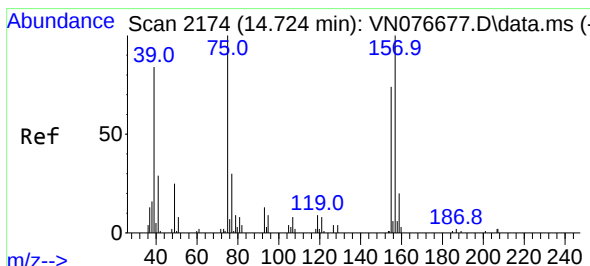
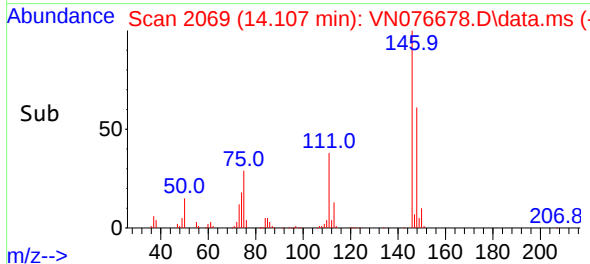
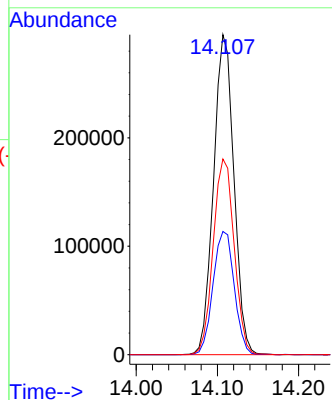
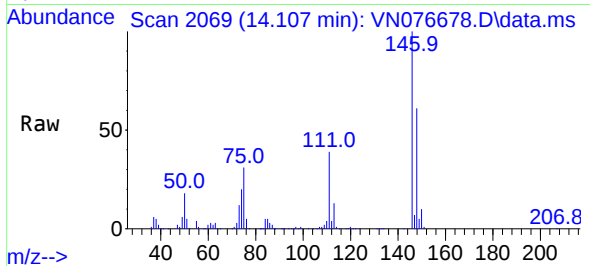
VSTDIC050

Tgt Ion:146 Resp: 515090
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 62.9 32.5 97.5

Manual Integrations

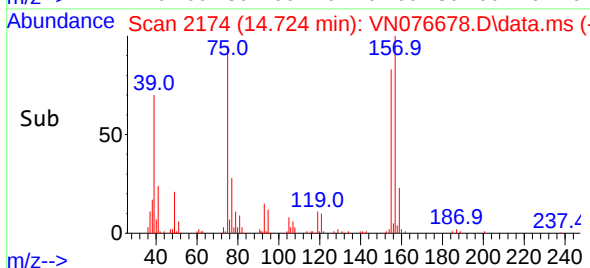
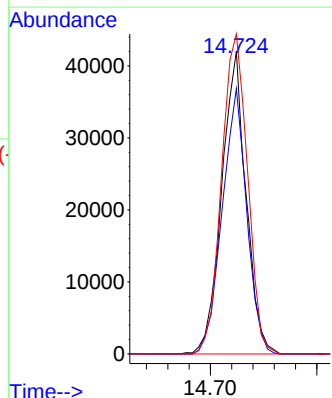
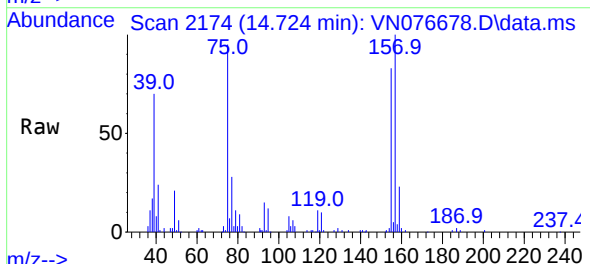
APPROVED

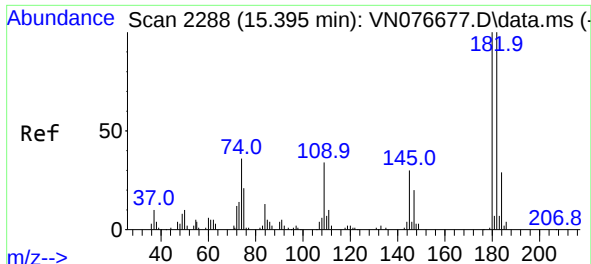
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 39.105 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

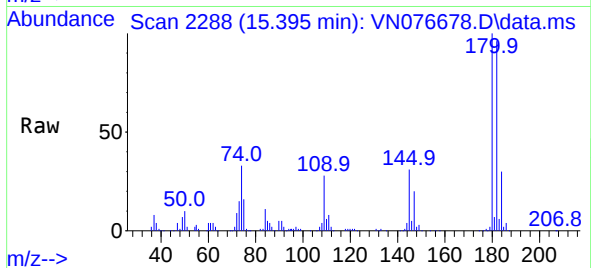
Tgt Ion: 75 Resp: 66614
Ion Ratio Lower Upper
75 100
155 88.2 62.5 93.7
157 112.4 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 58.088 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

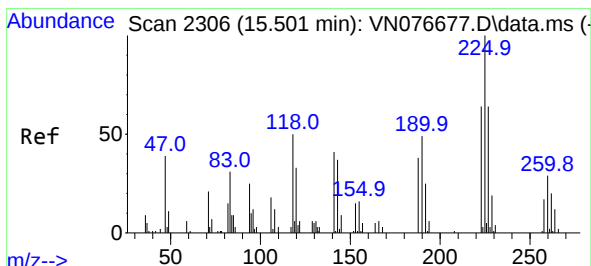
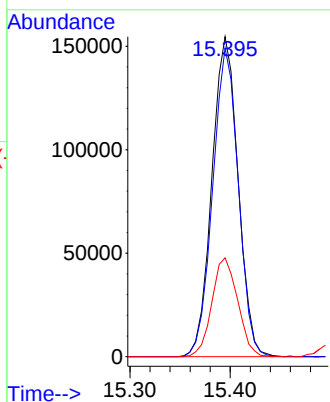
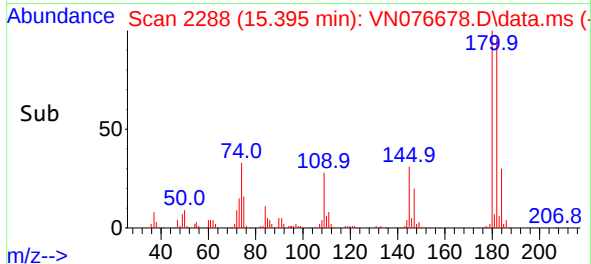
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



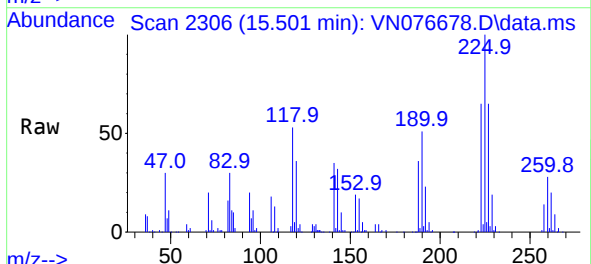
Tgt Ion:180 Resp: 27978
Ion Ratio Lower Upper
180 100
182 94.4 76.6 115.0
145 30.5 24.6 36.8

Manual Integrations
APPROVED

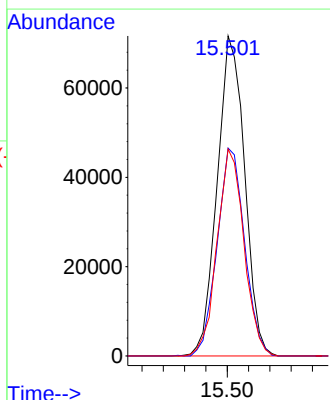
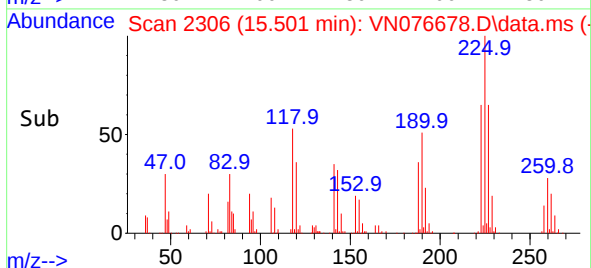
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

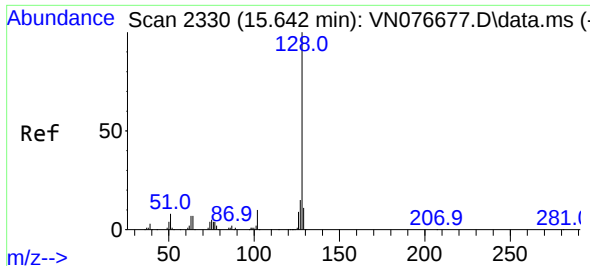


#90
Hexachlorobutadiene
Concen: 55.091 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



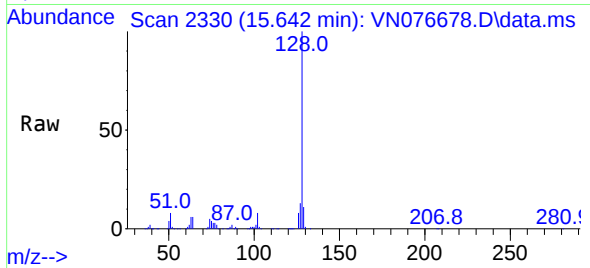
Tgt Ion:225 Resp: 128186
Ion Ratio Lower Upper
225 100
223 64.9 0.0 135.4
227 63.2 0.0 129.4





#91
Naphthalene
Concen: 55.644 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

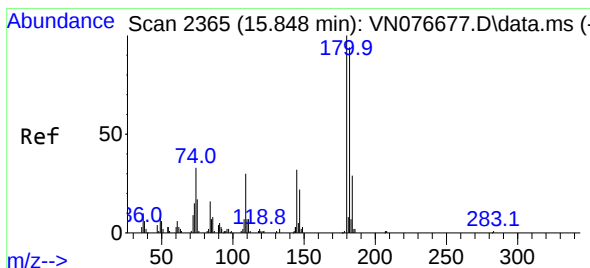
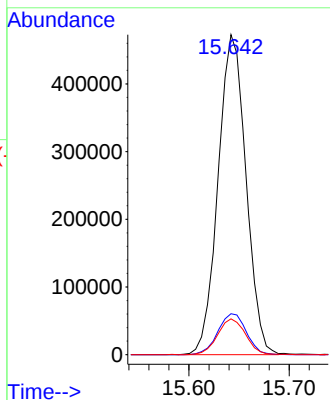
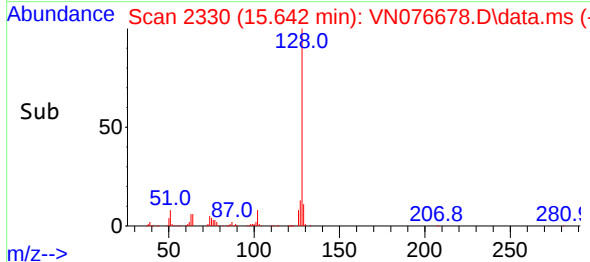
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



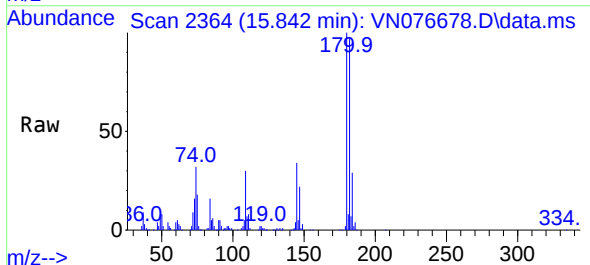
Tgt Ion:128 Resp: 914424
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 11.2 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 57.191 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion:180 Resp: 274931
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.8
145 33.0 0.0 65.0

