

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076975.D
 Acq On : 13 Mar 2023 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:08:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	309822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	481567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	421564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	208815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	245502	53.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	8.178	113	168752	52.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.160%			
50) Toluene-d8	10.572	98	584753	49.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.854	95	236207	54.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	279171	50.026	ug/l	99
3) Chloromethane	2.378	50	95766	31.712	ug/l	98
4) Vinyl Chloride	2.531	62	107040	38.187	ug/l	98
5) Bromomethane	2.954	94	86447	41.927	ug/l	95
6) Chloroethane	3.125	64	68460	38.473	ug/l	95
7) Trichlorofluoromethane	3.513	101	364161	50.069	ug/l	94
8) Diethyl Ether	3.978	74	95365	40.753	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	158037	42.530	ug/l	93
10) Methyl Iodide	4.607	142	169135	43.487	ug/l #	77
11) Tert butyl alcohol	5.537	59	133481	207.540	ug/l	99
12) 1,1-Dichloroethene	4.354	96	141633	41.358	ug/l	91
13) Acrolein	4.196	56	99778	172.595	ug/l	96
14) Allyl chloride	5.037	41	194019m	39.492	ug/l	
15) Acrylonitrile	5.731	53	330018	181.560	ug/l	97
16) Acetone	4.443	43	298252	186.164	ug/l #	86
17) Carbon Disulfide	4.725	76	372490	39.266	ug/l	96
18) Methyl Acetate	5.037	43	203125	34.378	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	570499	46.850	ug/l	94
20) Methylene Chloride	5.296	84	156419	37.972	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	152989	42.140	ug/l	83
22) Diisopropyl ether	6.684	45	399851	36.788	ug/l	95
23) Vinyl Acetate	6.613	43	1535915m	229.469	ug/l	
24) 1,1-Dichloroethane	6.578	63	285015	41.052	ug/l	97
25) 2-Butanone	7.489	43	402103	176.472	ug/l	95
26) 2,2-Dichloropropane	7.495	77	285884	46.530	ug/l	94
27) cis-1,2-Dichloroethene	7.495	96	178100	42.512	ug/l	87
28) Bromochloromethane	7.819	49	98715	39.306	ug/l	99
29) Tetrahydrofuran	7.842	42	249711	176.810	ug/l	96
30) Chloroform	7.972	83	346483	46.446	ug/l	100
31) Cyclohexane	8.266	56	228922	34.511	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	361028	51.620	ug/l	97
36) 1,1-Dichloropropene	8.378	75	235635	47.471	ug/l	94
37) Ethyl Acetate	7.566	43	168248	42.384	ug/l	97
38) Carbon Tetrachloride	8.366	117	330142	56.828	ug/l	98
39) Methylcyclohexane	9.607	83	272806	45.275	ug/l #	90
40) Benzene	8.613	78	642986	43.945	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	94900	40.176	ug/l	89
42) 1,2-Dichloroethane	8.678	62	297305	52.094	ug/l	91
43) Isopropyl Acetate	8.695	43	303299	43.282	ug/l	95
44) Trichloroethene	9.354	130	181892	48.103	ug/l	94
45) 1,2-Dichloropropane	9.625	63	146328	40.647	ug/l	99
46) Dibromomethane	9.713	93	122678	48.794	ug/l	94
47) Bromodichloromethane	9.889	83	282307	52.928	ug/l	96
48) Methyl methacrylate	9.683	41	147882	43.071	ug/l	84
49) 1,4-Dioxane	9.695	88	58486	899.608	ug/l #	90
51) 4-Methyl-2-Pentanone	10.448	43	869154	206.474	ug/l	94
52) Toluene	10.630	92	420078	46.649	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	275964	51.897	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	278516	47.693	ug/l #	89
55) 1,1,2-Trichloroethane	11.019	97	157842	45.050	ug/l	97
56) Ethyl methacrylate	10.878	69	250310	47.101	ug/l #	84
57) 1,3-Dichloropropane	11.166	76	276686	44.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	386037	228.118	ug/l	98
59) 2-Hexanone	11.195	43	633143	206.283	ug/l	91
60) Dibromochloromethane	11.360	129	208985	54.139	ug/l	97
61) 1,2-Dibromoethane	11.472	107	167023	47.562	ug/l	98
64) Tetrachloroethene	11.107	164	187148	54.852	ug/l	99
65) Chlorobenzene	11.895	112	443899	47.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	191423	52.001	ug/l	95
67) Ethyl Benzene	11.966	91	856815	49.415	ug/l	95
68) m/p-Xylenes	12.072	106	631090	96.836	ug/l	83
69) o-Xylene	12.401	106	312073	49.325	ug/l	80
70) Styrene	12.413	104	516811	50.562	ug/l #	89
71) Bromoform	12.583	173	151637	56.842	ug/l #	97
73) Isopropylbenzene	12.701	105	875486	47.052	ug/l	94
74) N-amyl acetate	12.495	43	247311	40.144	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.936	83	199812	36.496	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	213681m	42.208	ug/l	
77) Bromobenzene	12.983	156	195784	47.067	ug/l	99
78) n-propylbenzene	13.036	91	976237	47.116	ug/l	97
79) 2-Chlorotoluene	13.130	91	618875	46.059	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	775863	48.951	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.736	75	65146	42.034	ug/l #	64
82) 4-Chlorotoluene	13.224	91	606810	47.794	ug/l	91
83) tert-Butylbenzene	13.442	119	663111	49.246	ug/l	88
84) 1,2,4-Trimethylbenzene	13.483	105	765646	48.283	ug/l	90
85) sec-Butylbenzene	13.618	105	889215	48.177	ug/l	98
86) p-Isopropyltoluene	13.730	119	775178	52.008	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	365396	48.199	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	351692	46.246	ug/l	97
89) n-Butylbenzene	14.060	91	614386	49.397	ug/l	99
90) Hexachloroethane	14.336	117	138589	48.390	ug/l	78
91) 1,2-Dichlorobenzene	14.107	146	361984	47.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	60633	50.160	ug/l	79
93) 1,2,4-Trichlorobenzene	15.395	180	215438	50.891	ug/l	99
94) Hexachlorobutadiene	15.501	225	125466	55.629	ug/l	98
95) Naphthalene	15.642	128	636497	50.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	210858	51.294	ug/l	99

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QLast Update : Fri Mar 10 13:47:39 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

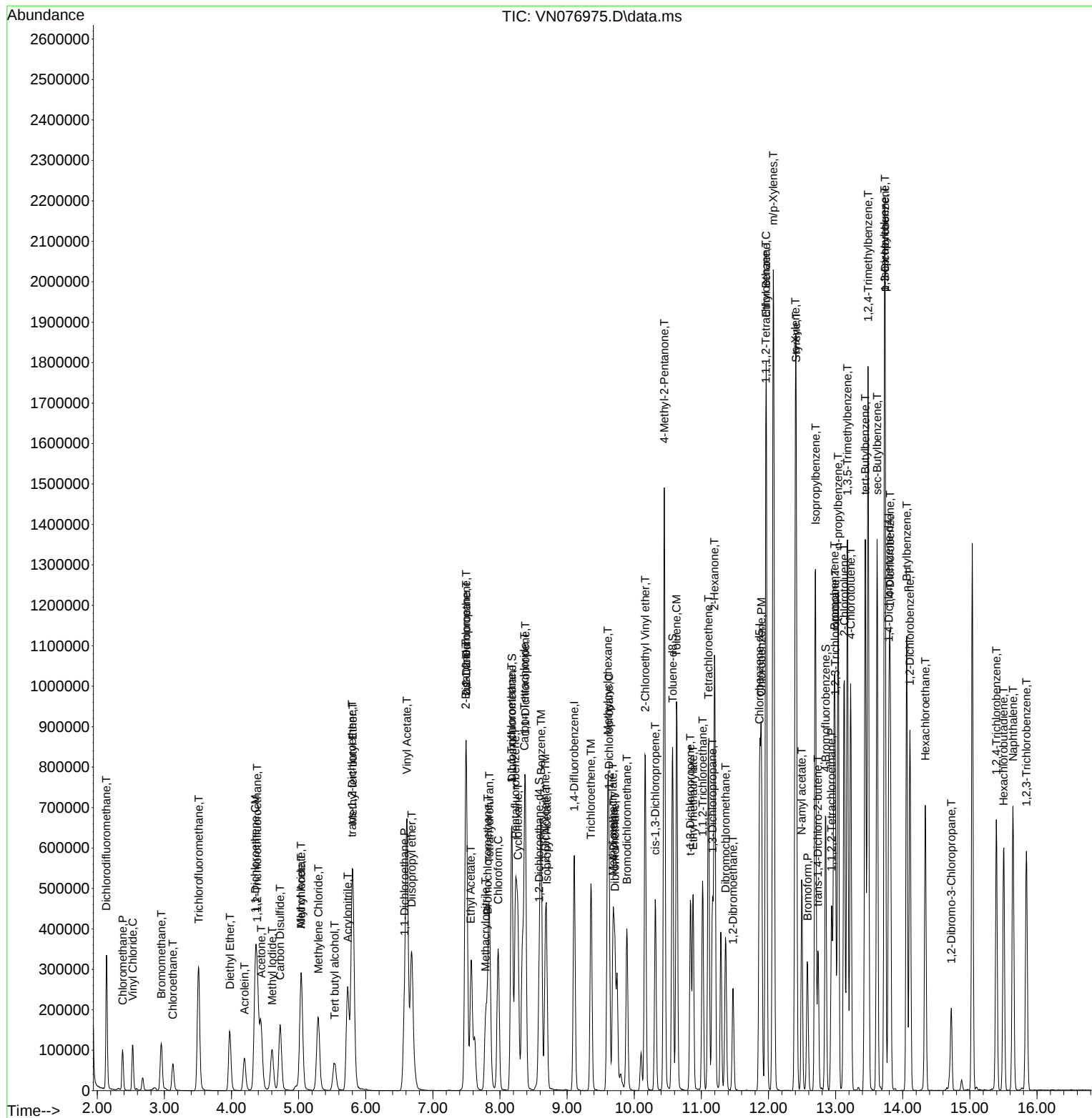
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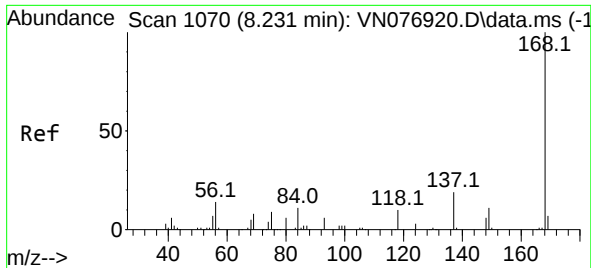
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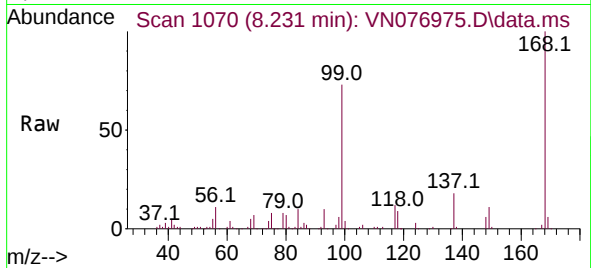
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076975.D
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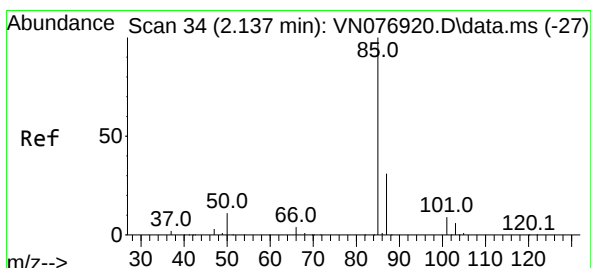
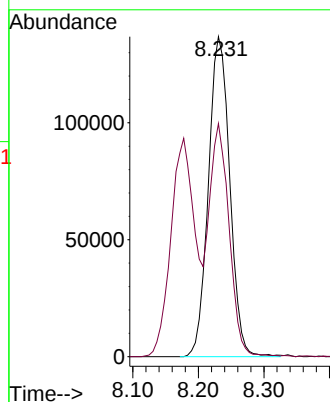
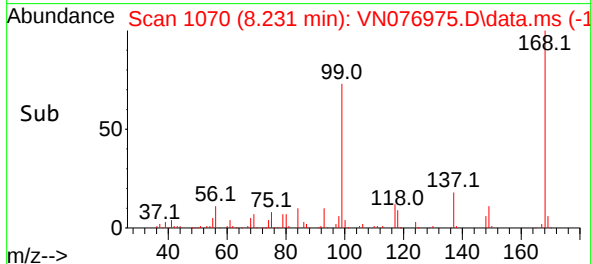
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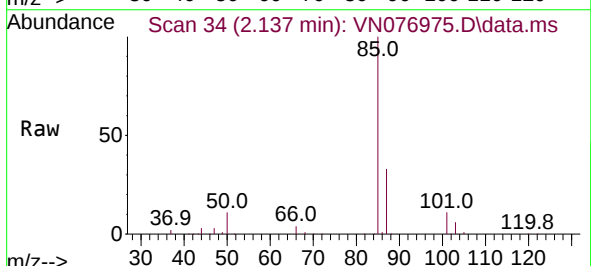
Tgt Ion:168 Resp: 30982
Ion Ratio Lower Upper
168 100
99 72.6 48.6 73.0

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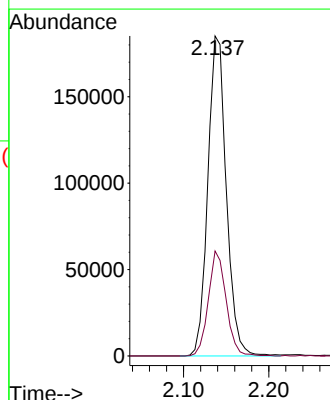
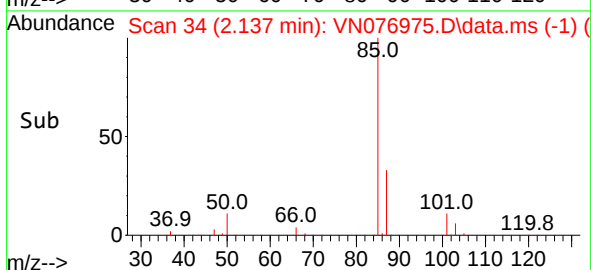
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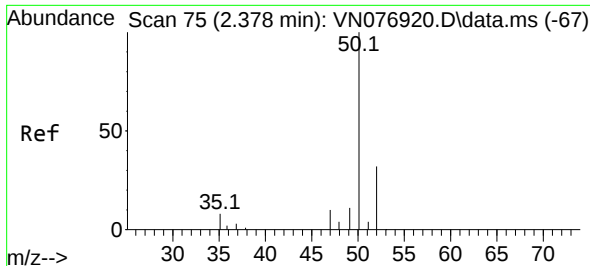


#2
Dichlorodifluoromethane
Concen: 50.026 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 85 Resp: 279171
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





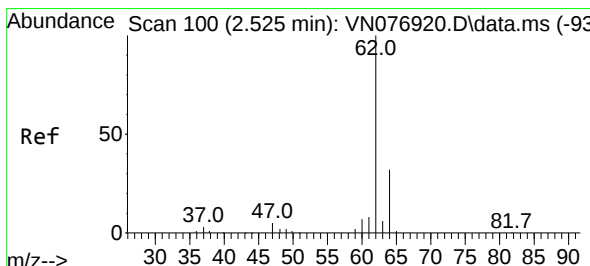
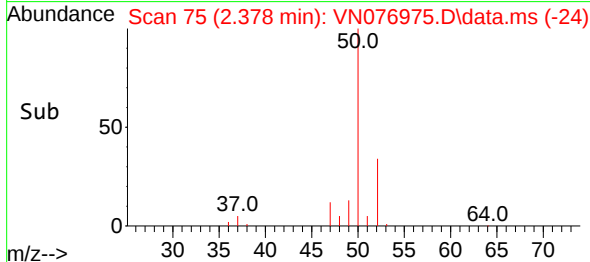
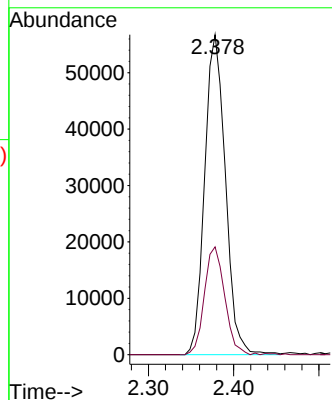
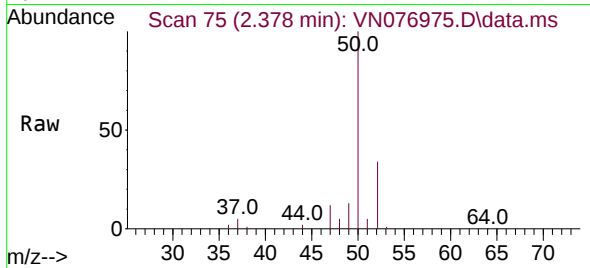
#3
Chloromethane
Concen: 31.712 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

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Tgt Ion: 50 Resp: 95760
Ion Ratio Lower Upper
50 100
52 33.7 27.9 41.9

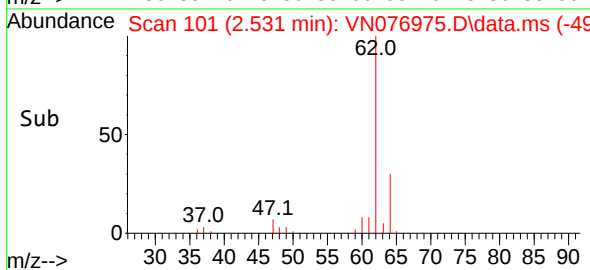
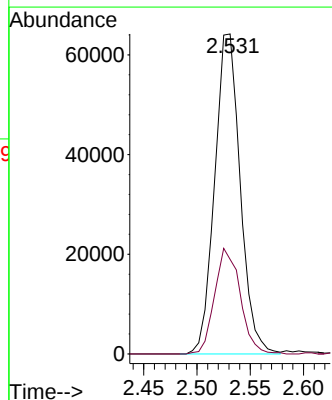
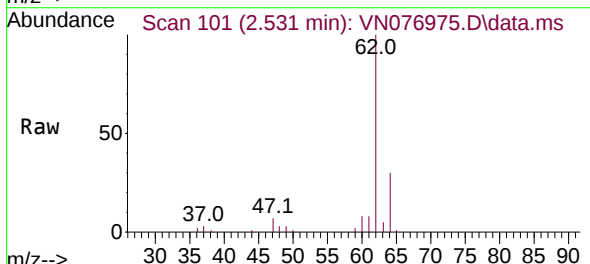
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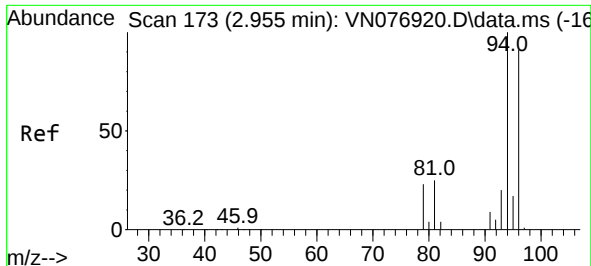
Reviewed By :John Carlone 03/14/2023
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#4
Vinyl Chloride
Concen: 38.187 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

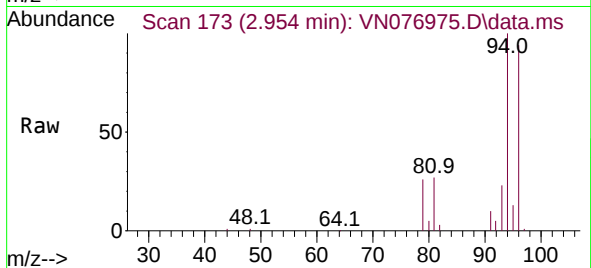
Tgt Ion: 62 Resp: 107040
Ion Ratio Lower Upper
62 100
64 29.6 24.5 36.7





#5
Bromomethane
Concen: 41.927 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

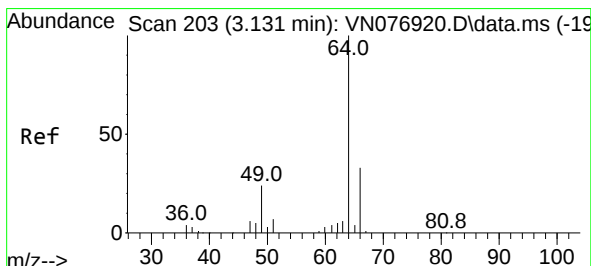
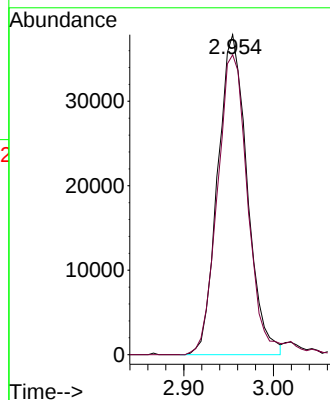
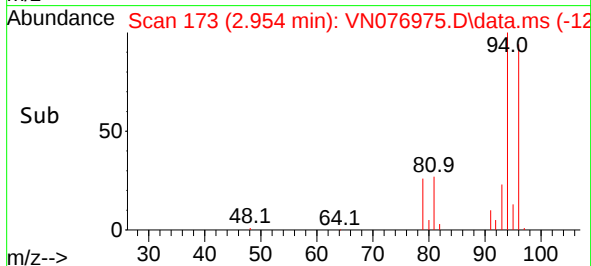
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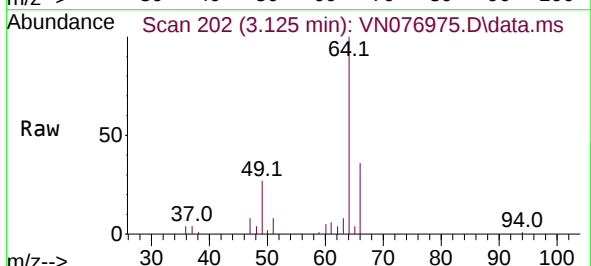
Tgt Ion: 94 Resp: 8644
Ion Ratio Lower Upper
94 100
96 93.7 79.0 118.6

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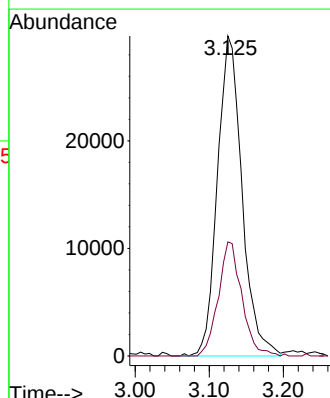
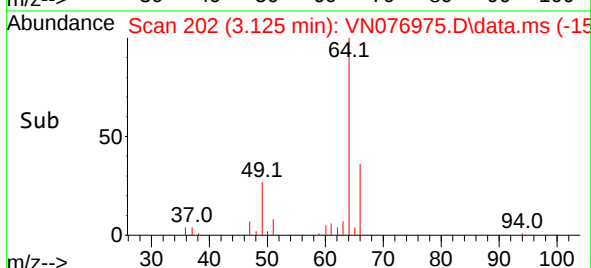
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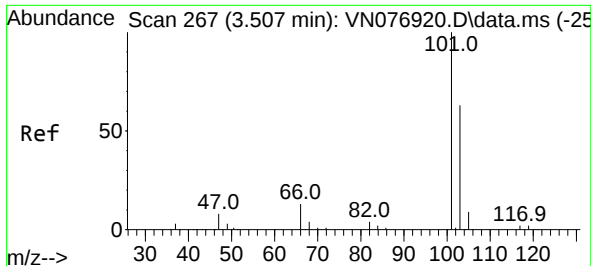


#6
Chloroethane
Concen: 38.473 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



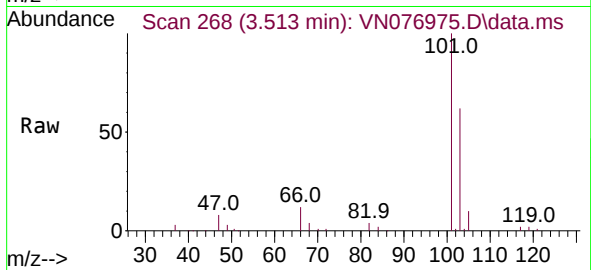
Tgt Ion: 64 Resp: 68460
Ion Ratio Lower Upper
64 100
66 35.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 50.069 ug/l
RT: 3.513 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

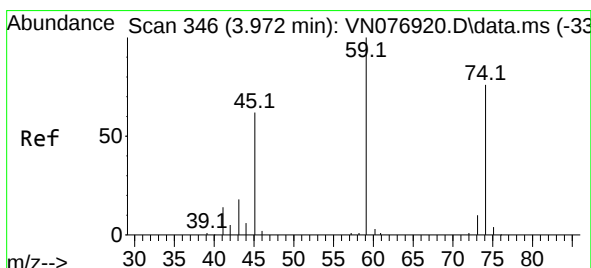
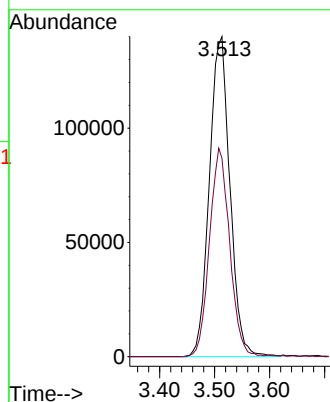
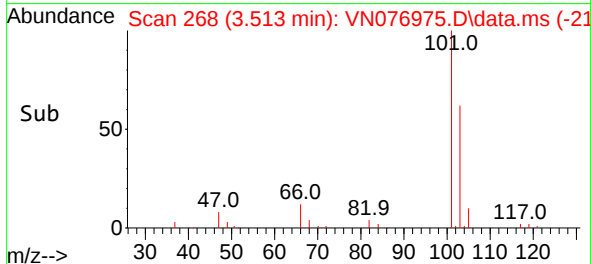
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Tgt Ion:101 Resp: 36416
Ion Ratio Lower Upper
101 100
103 62.0 53.4 80.0

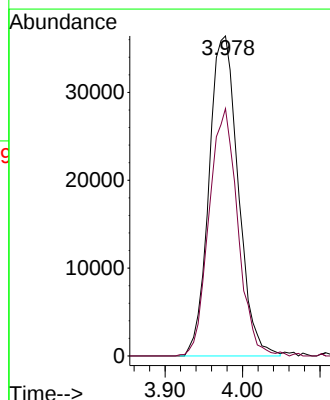
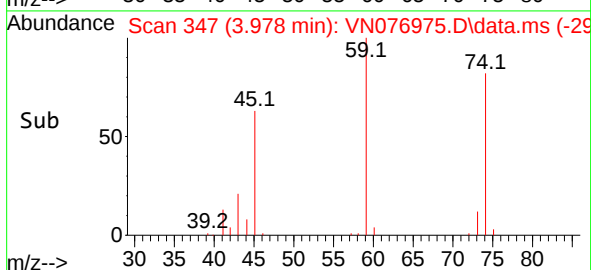
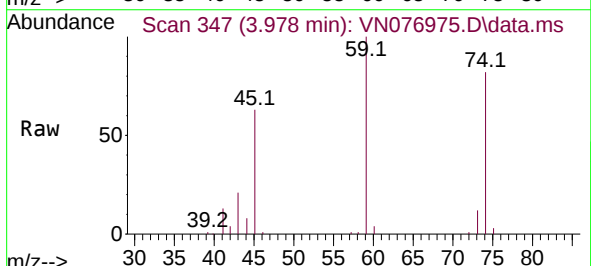
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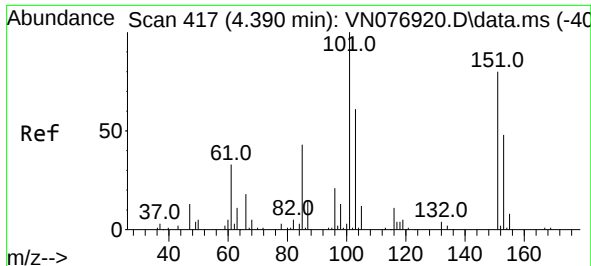
Reviewed By :John Carlone 03/14/2023
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#8
Diethyl Ether
Concen: 40.753 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Tgt Ion: 74 Resp: 95365
Ion Ratio Lower Upper
74 100
45 76.0 35.5 106.5





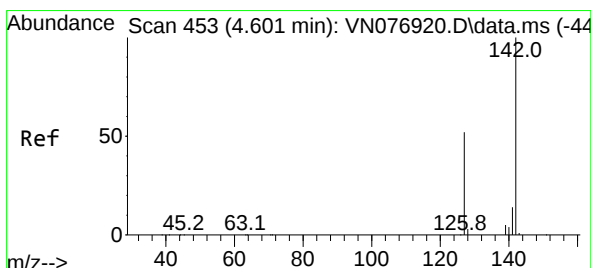
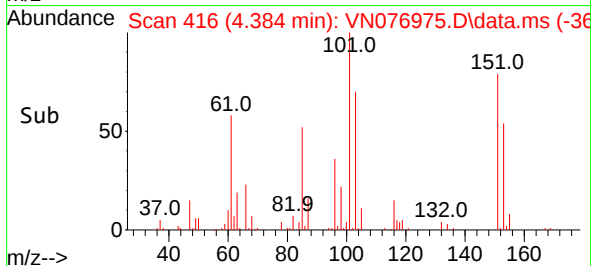
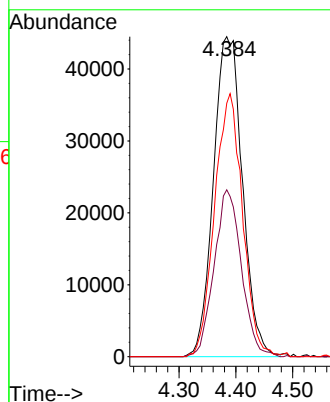
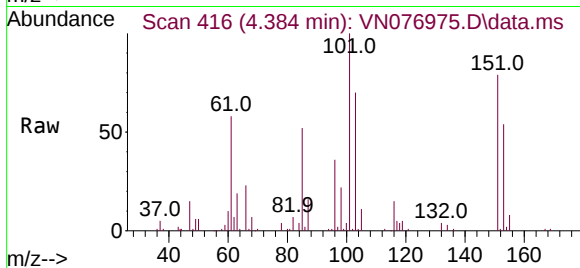
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.530 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15803
Ion Ratio Lower Upper
101 100
85 49.0 35.2 52.8
151 79.1 58.9 88.3

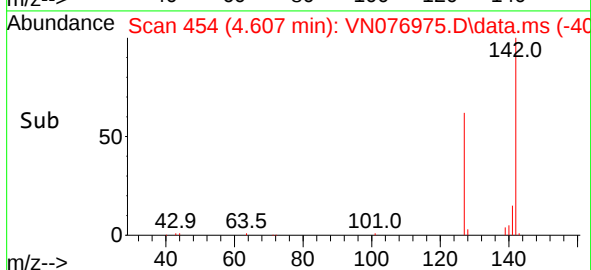
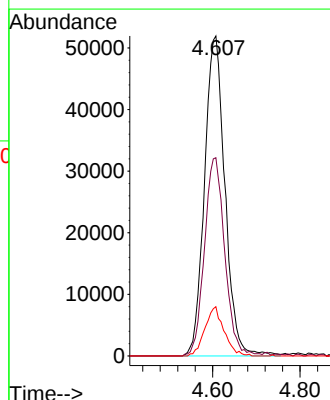
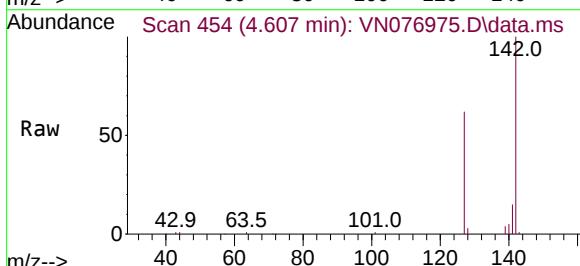
Manual Integrations
APPROVED

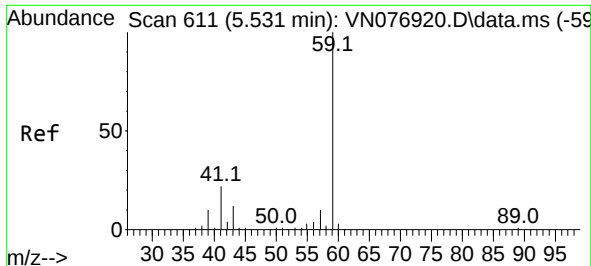
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#10
Methyl Iodide
Concen: 43.487 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Tgt Ion:142 Resp: 169135
Ion Ratio Lower Upper
142 100
127 62.0 35.2 52.8#
141 15.4 10.2 15.2#





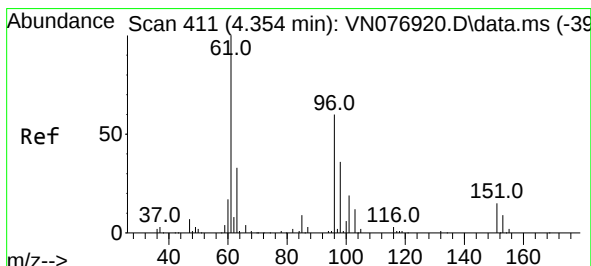
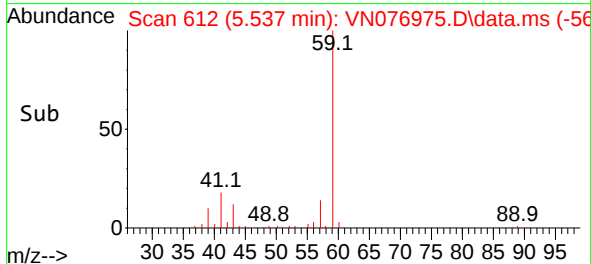
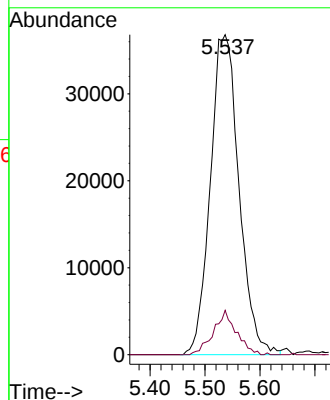
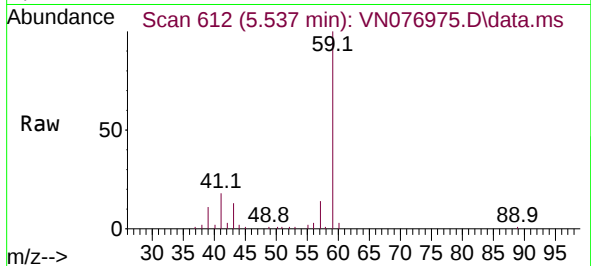
#11
Tert butyl alcohol
Concen: 207.540 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 13348
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

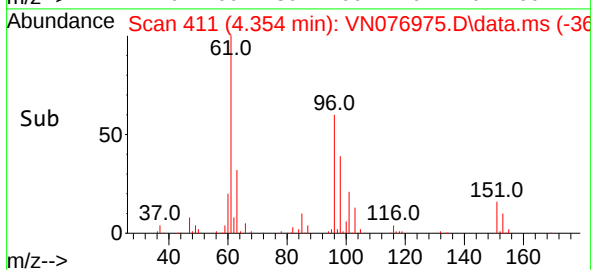
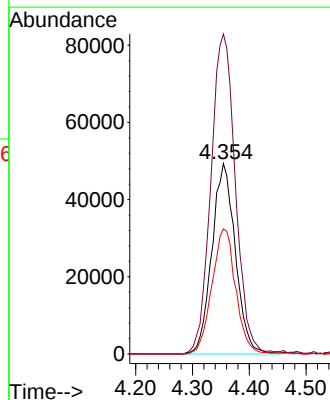
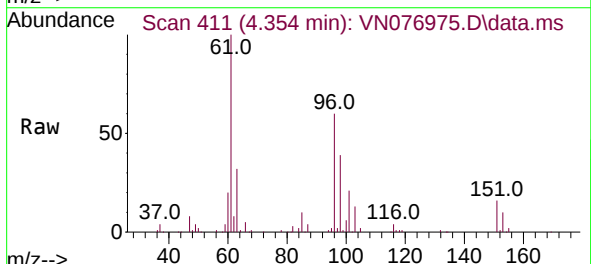
Manual Integrations
APPROVED

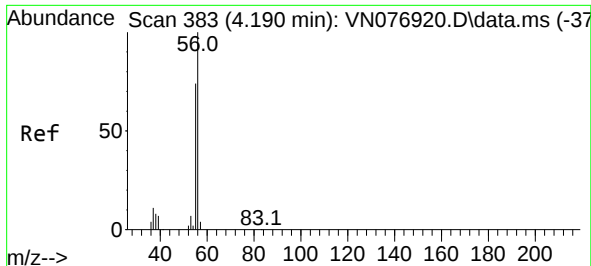
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#12
1,1-Dichloroethene
Concen: 41.358 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

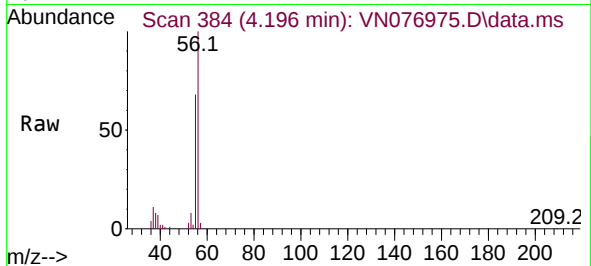
Tgt Ion: 96 Resp: 141633
Ion Ratio Lower Upper
96 100
61 168.0 121.3 181.9
98 65.7 52.1 78.1





#13
Acrolein
Concen: 172.595 ug/l
RT: 4.196 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

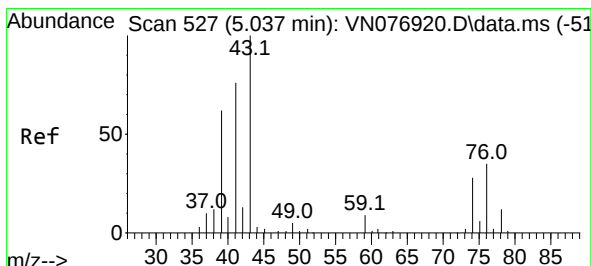
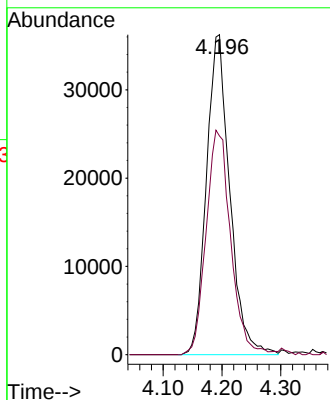
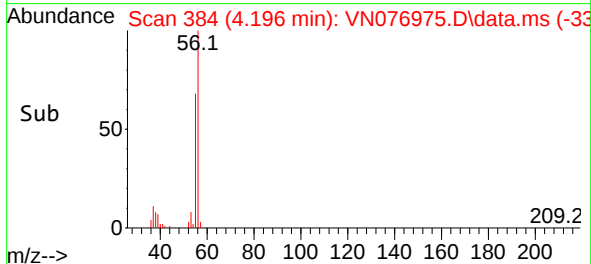
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 99778
Ion Ratio Lower Upper
56 100
55 73.8 56.7 85.1

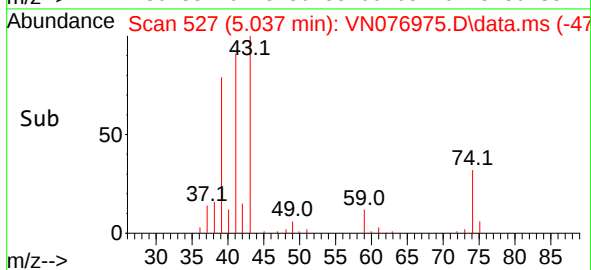
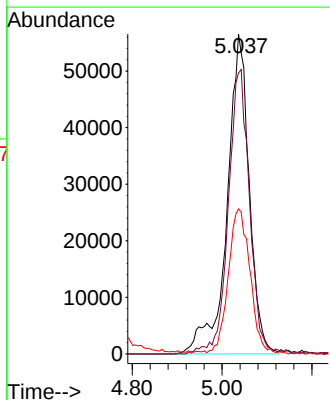
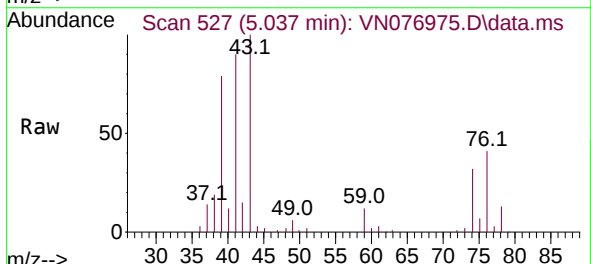
Manual Integrations
APPROVED

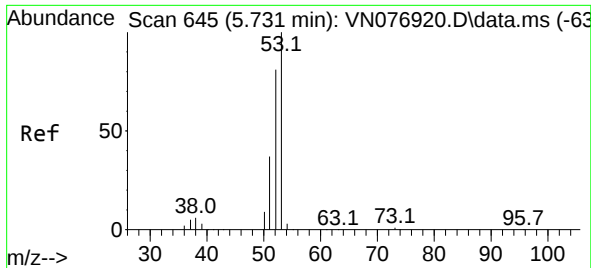
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#14
Allyl chloride
Concen: 39.492 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

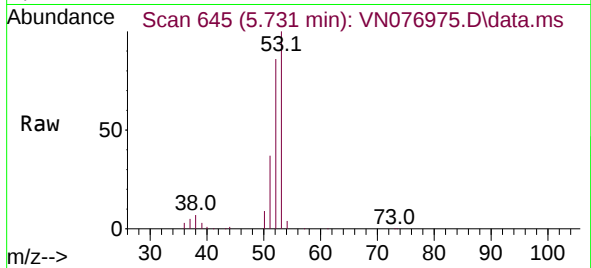
Tgt Ion: 41 Resp: 194019
Ion Ratio Lower Upper
41 100
39 84.8 68.1 102.1
76 44.6 44.1 66.1





#15
Acrylonitrile
Concen: 181.560 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

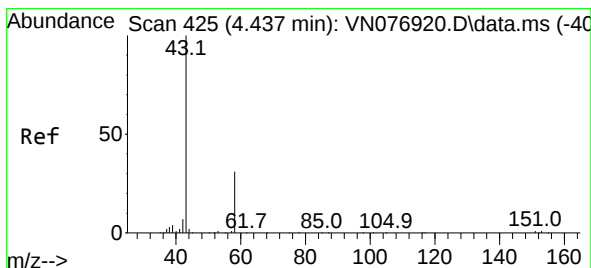
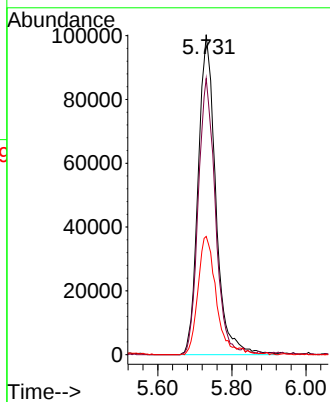
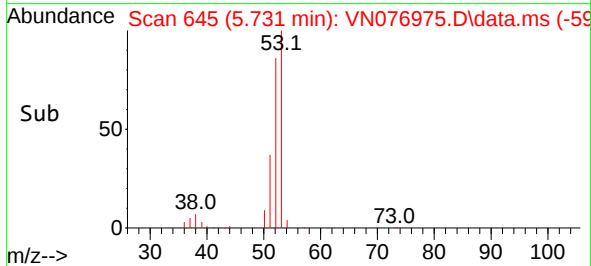
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 330018
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 38.9 28.8 43.2

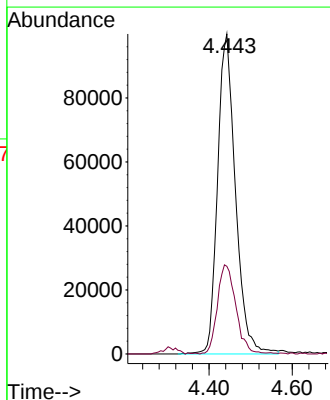
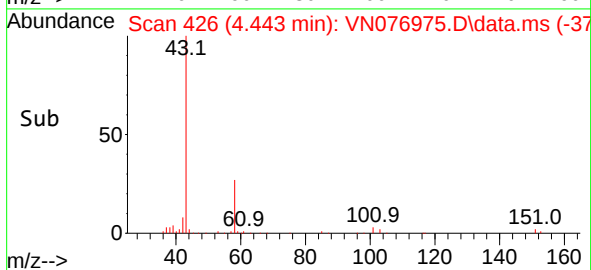
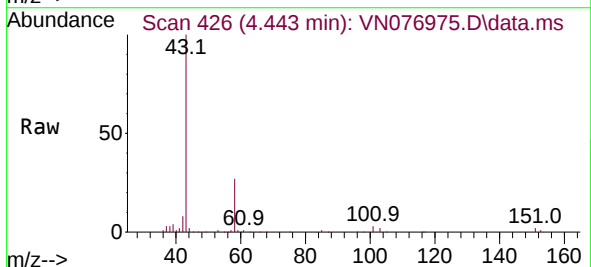
Manual Integrations
APPROVED

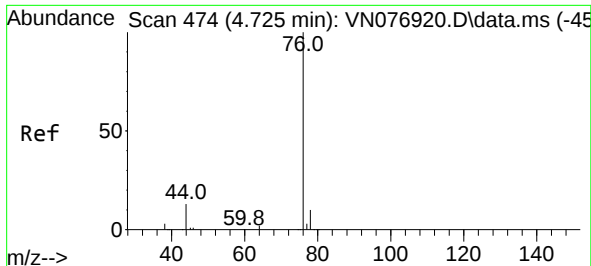
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#16
Acetone
Concen: 186.164 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

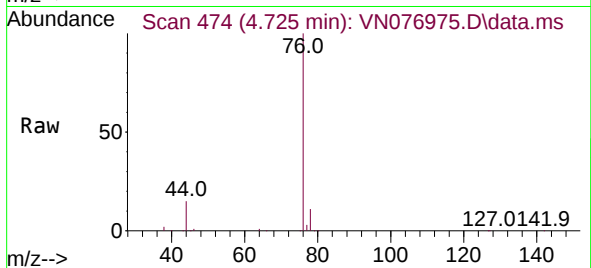
Tgt Ion: 43 Resp: 298252
Ion Ratio Lower Upper
43 100
58 27.2 28.2 42.2#





#17
Carbon Disulfide
Concen: 39.266 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

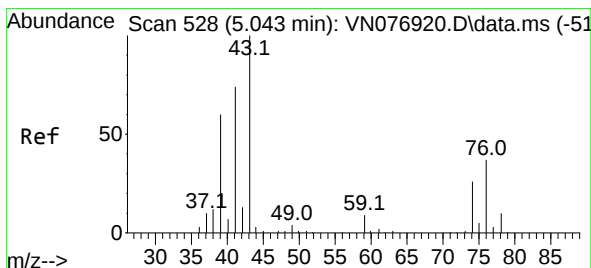
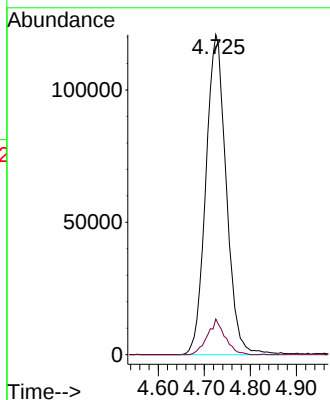
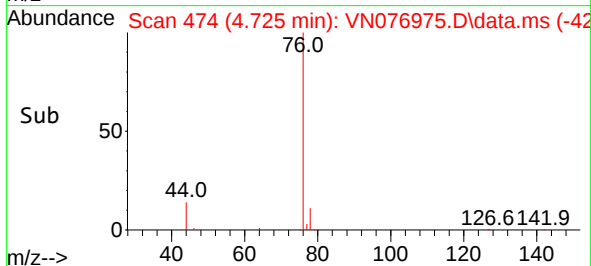
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



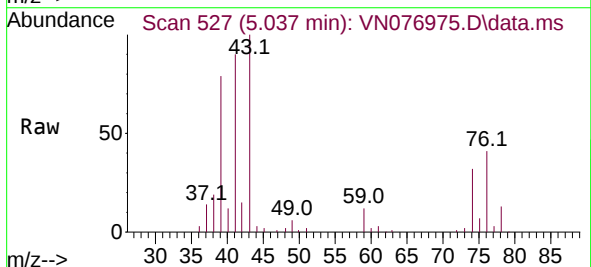
Tgt Ion: 76 Resp: 372490
Ion Ratio Lower Upper
76 100
78 11.2 7.8 11.8

Manual Integrations
APPROVED

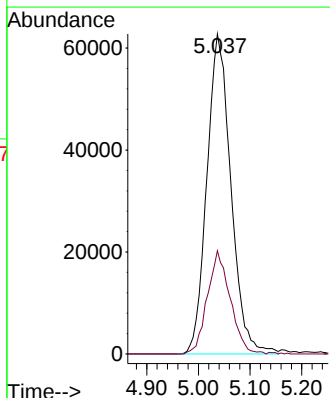
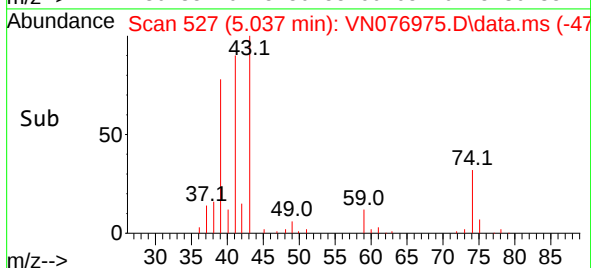
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

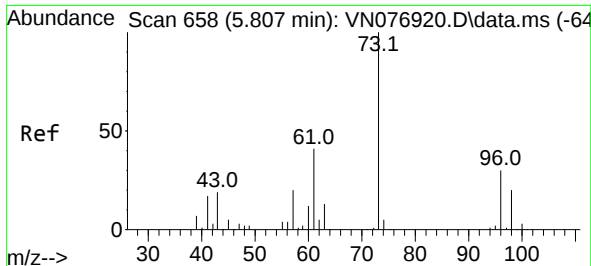


#18
Methyl Acetate
Concen: 34.378 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



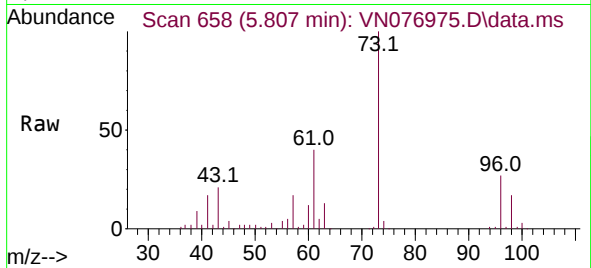
Tgt Ion: 43 Resp: 203125
Ion Ratio Lower Upper
43 100
74 30.5 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 46.850 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

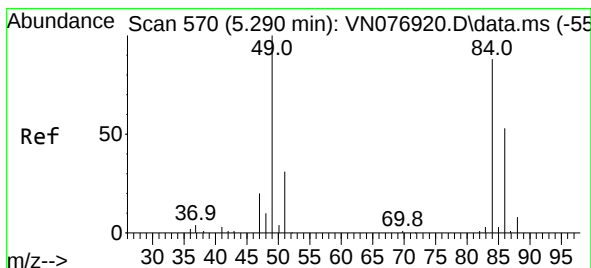
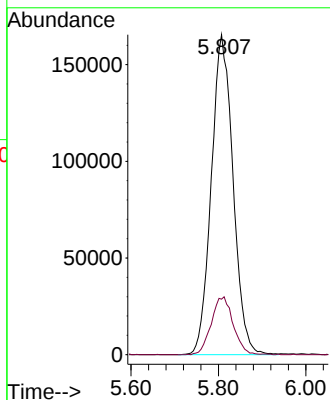
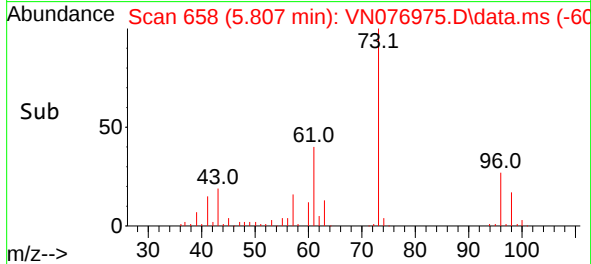
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



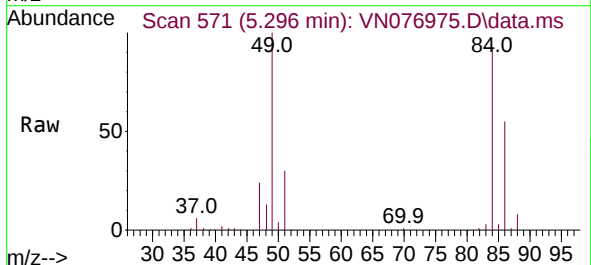
Tgt Ion: 73 Resp: 570499
Ion Ratio Lower Upper
73 100
57 17.4 16.1 24.1

Manual Integrations
APPROVED

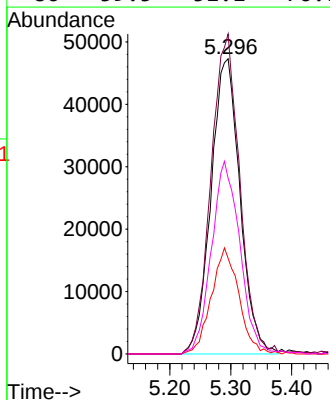
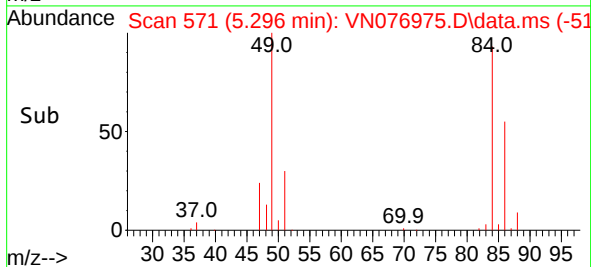
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

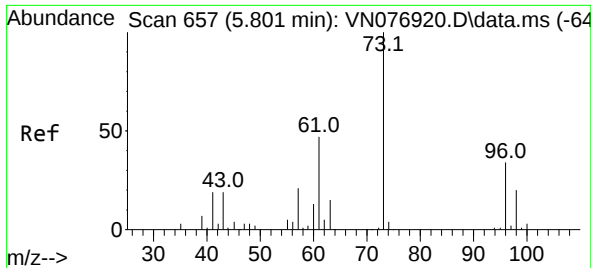


#20
Methylene Chloride
Concen: 37.972 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



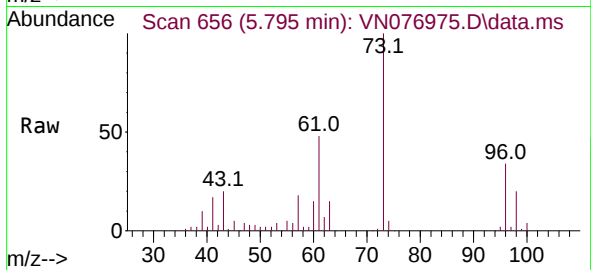
Tgt Ion: 84 Resp: 156419
Ion Ratio Lower Upper
84 100
49 108.4 76.6 114.8
51 32.4 25.4 38.2
86 59.5 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 42.140 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

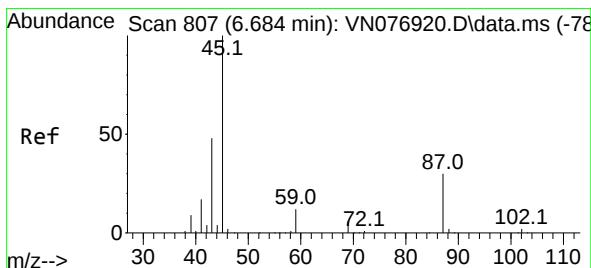
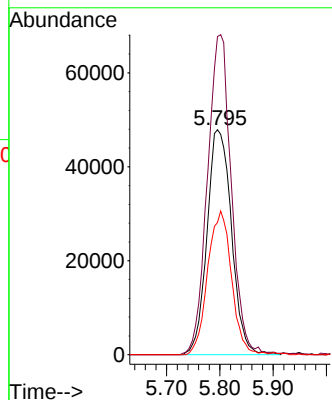
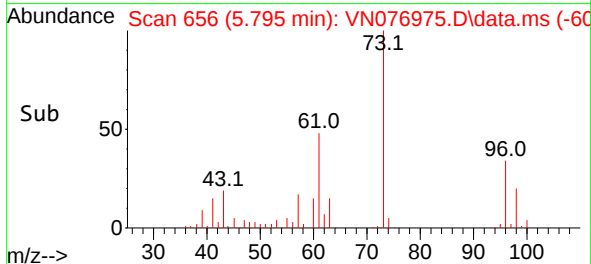
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



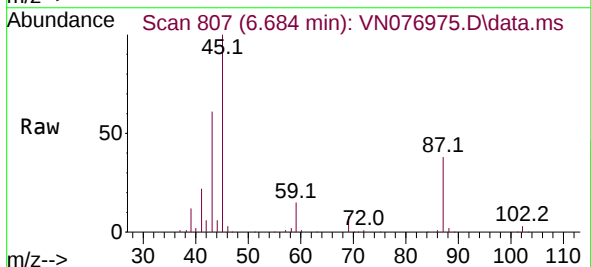
Tgt Ion: 96 Resp: 152989
Ion Ratio Lower Upper
96 100
61 141.4 95.0 142.6
98 58.7 54.5 81.7

Manual Integrations
APPROVED

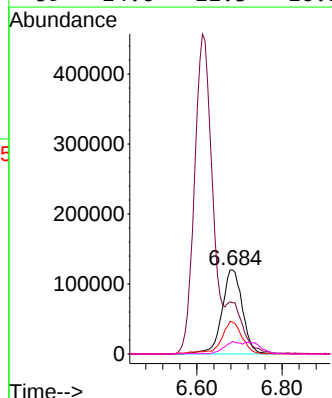
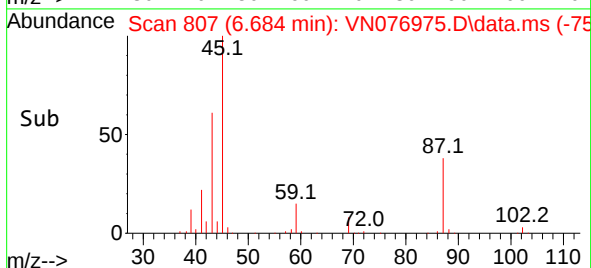
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

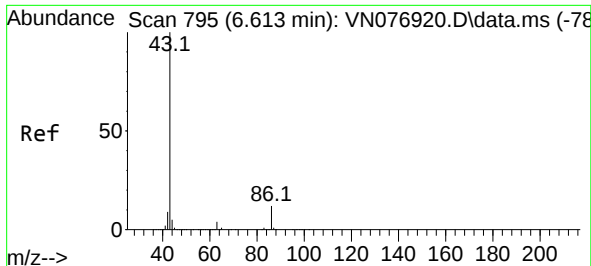


#22
Diisopropyl ether
Concen: 36.788 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



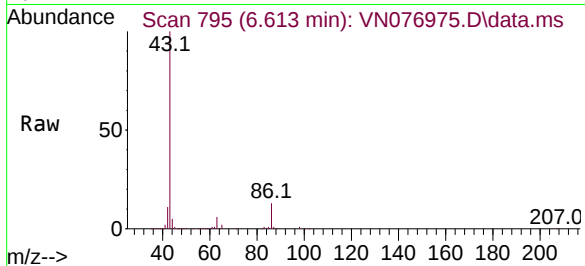
Tgt Ion: 45 Resp: 399851
Ion Ratio Lower Upper
45 100
43 59.7 42.6 63.8
87 37.6 29.7 44.5
59 14.6 11.3 16.9





#23
 Vinyl Acetate
 Concen: 229.469 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34

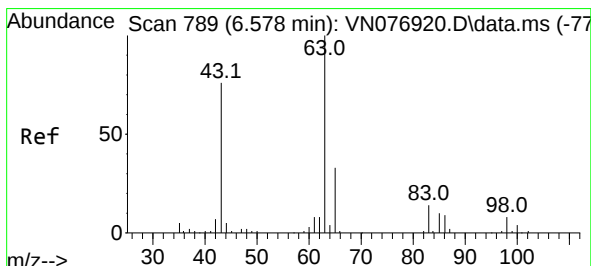
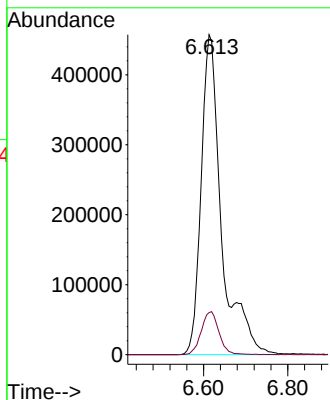
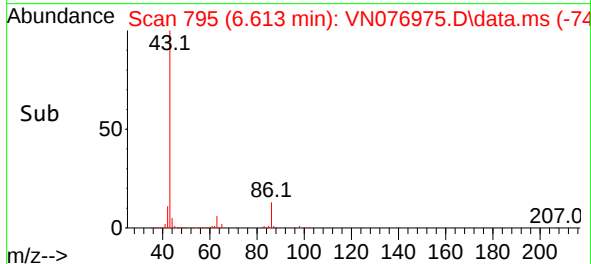
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



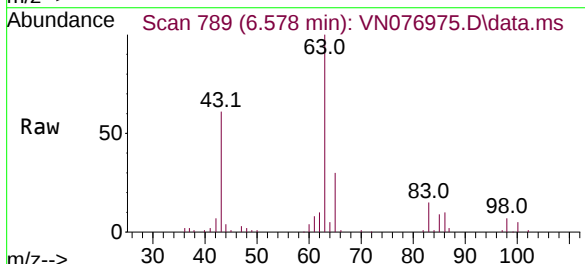
Tgt Ion: 43 Resp: 153591
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.8 17.6

Manual Integrations
 APPROVED

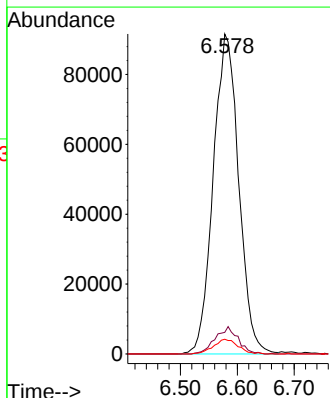
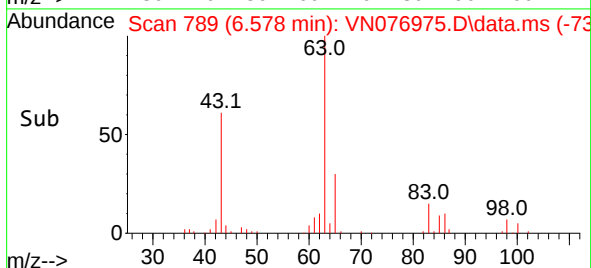
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023

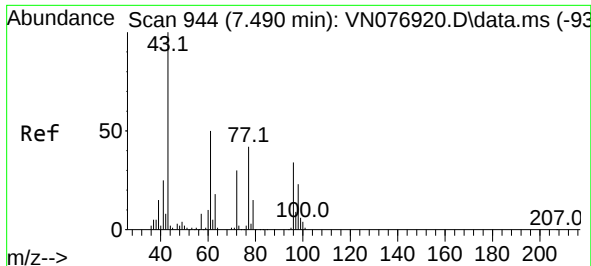


#24
 1,1-Dichloroethane
 Concen: 41.052 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34



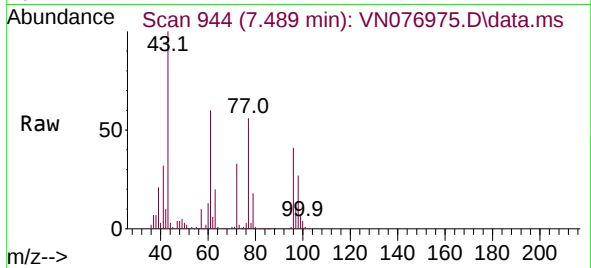
Tgt Ion: 63 Resp: 285015
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.2 12.6
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 176.472 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

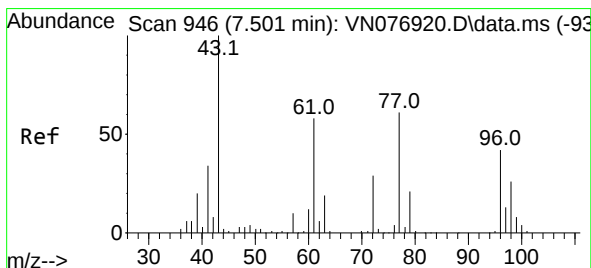
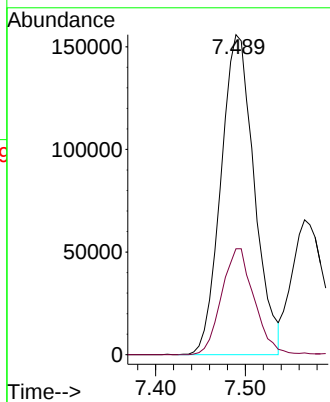
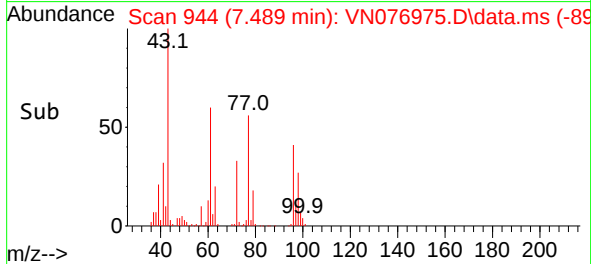
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



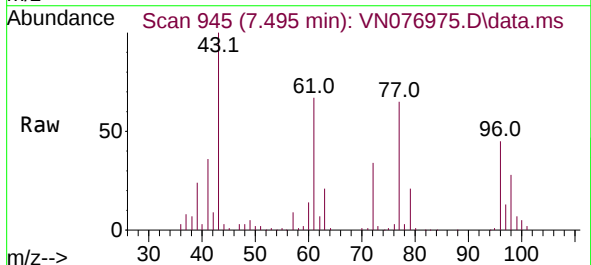
Tgt Ion: 43 Resp: 40210
Ion Ratio Lower Upper
43 100
72 33.1 28.8 43.2

Manual Integrations
APPROVED

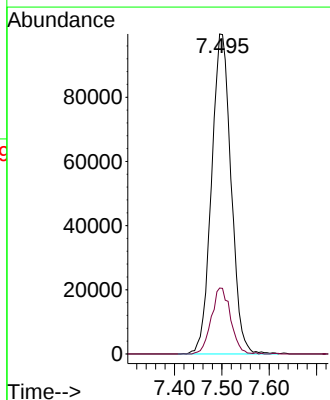
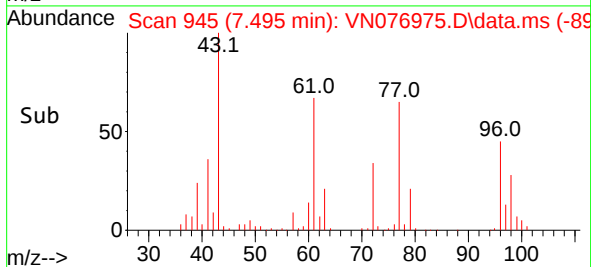
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

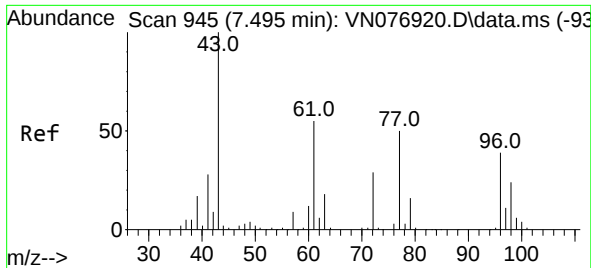


#26
2,2-Dichloropropane
Concen: 46.530 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



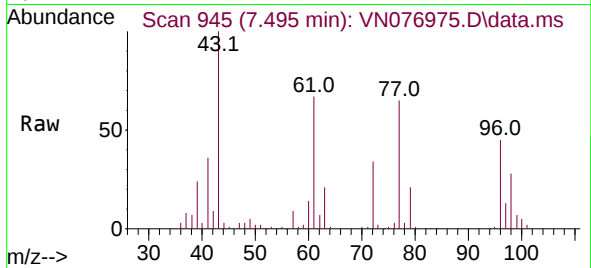
Tgt Ion: 77 Resp: 285884
Ion Ratio Lower Upper
77 100
97 20.2 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 42.512 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34

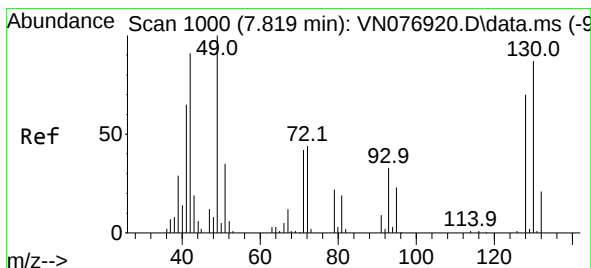
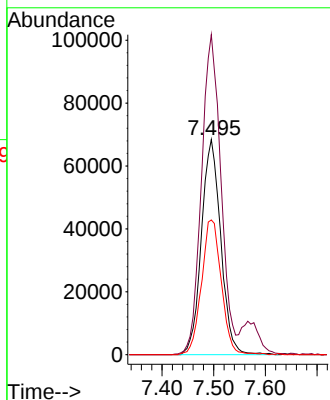
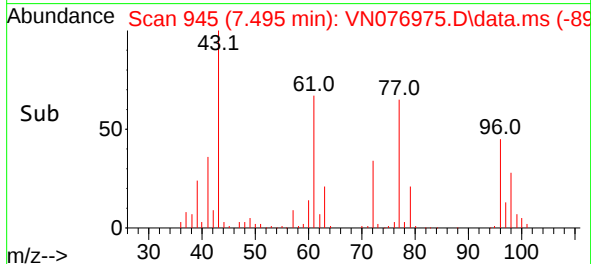
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



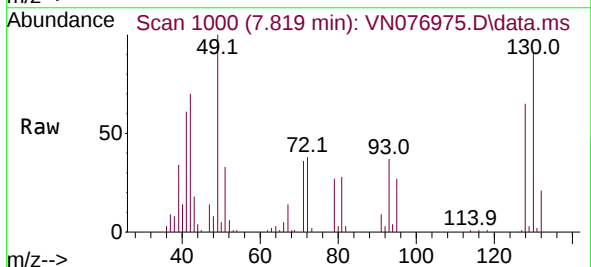
Tgt Ion: 96 Resp: 178100
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 255.6
 98 64.1 0.0 127.4

Manual Integrations
 APPROVED

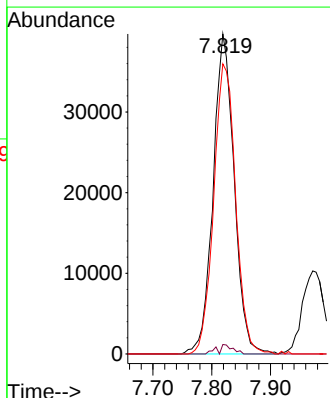
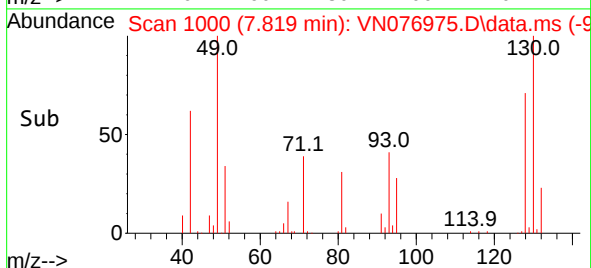
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023

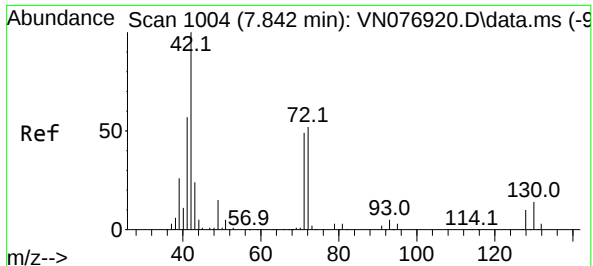


#28
 Bromochloromethane
 Concen: 39.306 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34



Tgt Ion: 49 Resp: 98715
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 94.5 74.8 112.2





#29

Tetrahydrofuran

Concen: 176.810 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076975.D

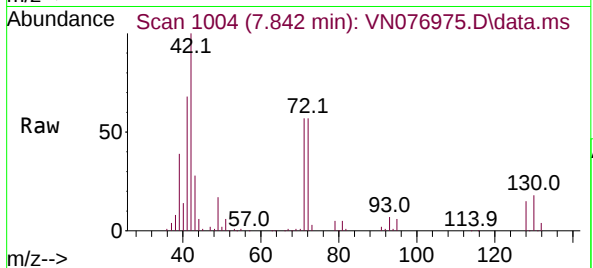
Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



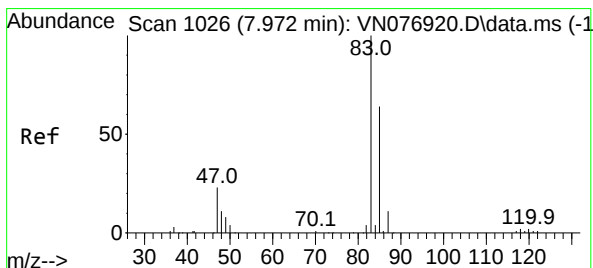
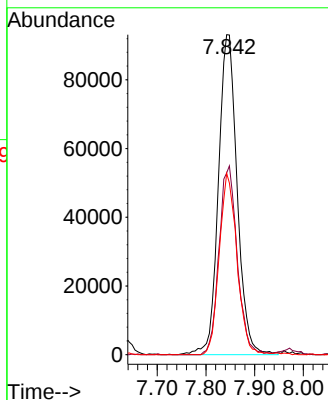
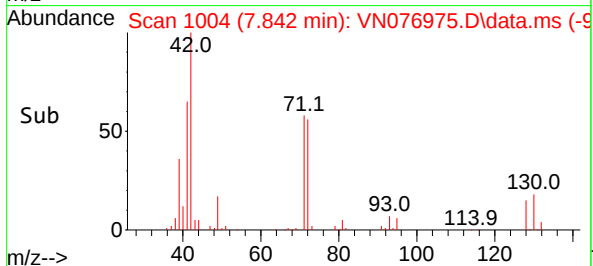
Tgt Ion:	42	Resp:	24971
Ion	Ratio	Lower	Upper
42	100		
72	57.5	48.6	73.0
71	53.6	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#30

Chloroform

Concen: 46.446 ug/l

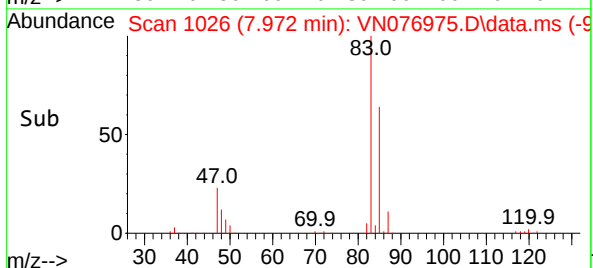
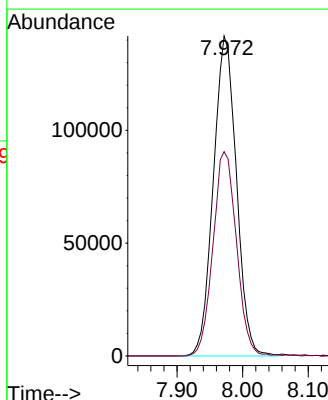
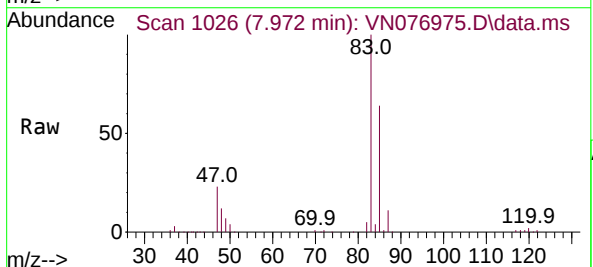
RT: 7.972 min Scan# 1026

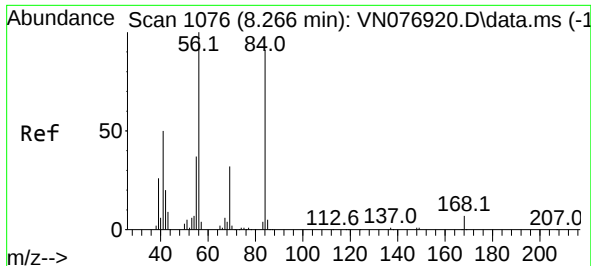
Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

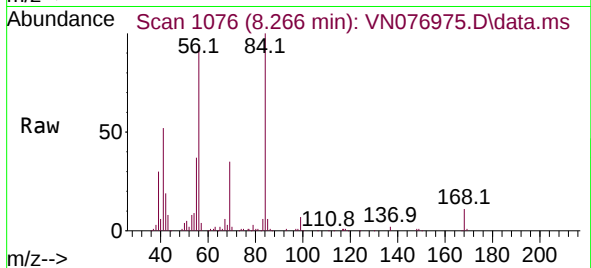
Tgt Ion:	83	Resp:	346483
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9





#31
Cyclohexane
Concen: 34.511 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

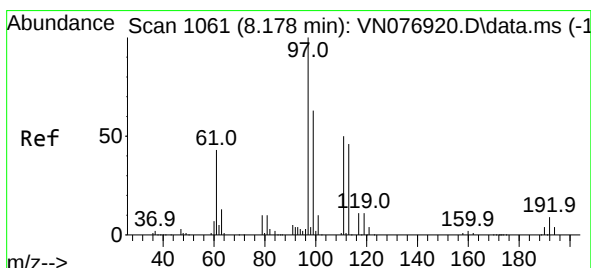
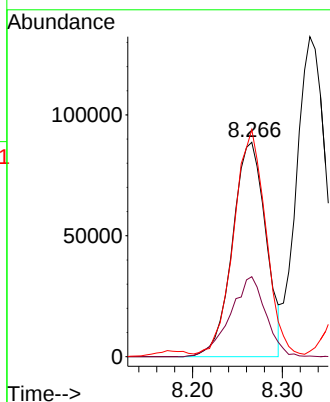
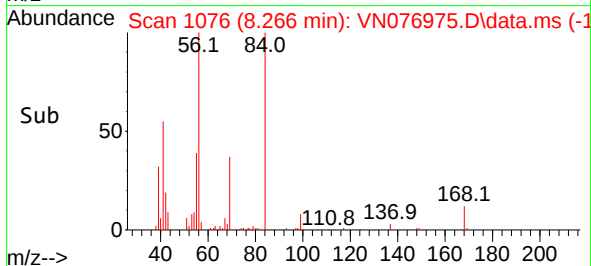
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



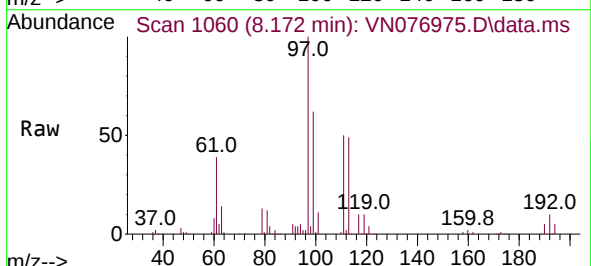
Tgt Ion: 56 Resp: 22892
Ion Ratio Lower Upper
56 100
69 37.3 27.0 40.6
84 103.5 82.9 124.3

Manual Integrations
APPROVED

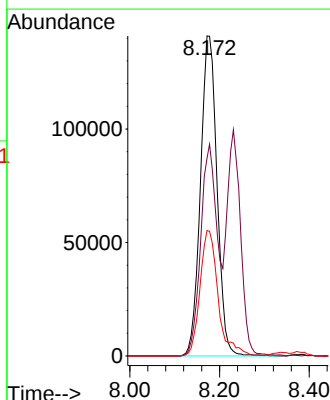
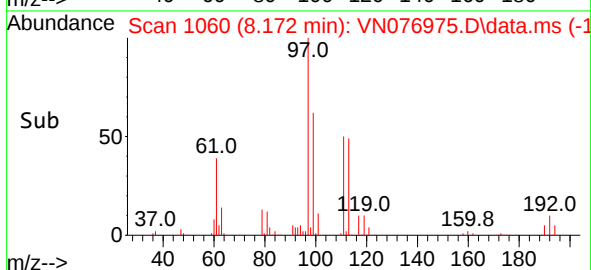
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

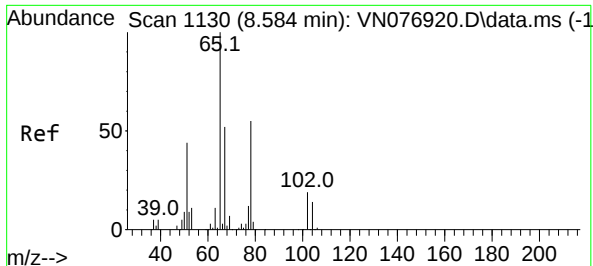


#32
1,1,1-Trichloroethane
Concen: 51.620 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 97 Resp: 361028
Ion Ratio Lower Upper
97 100
99 67.0 51.2 76.8
61 43.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.100 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 24550

Ion Ratio Lower Upper

65 100

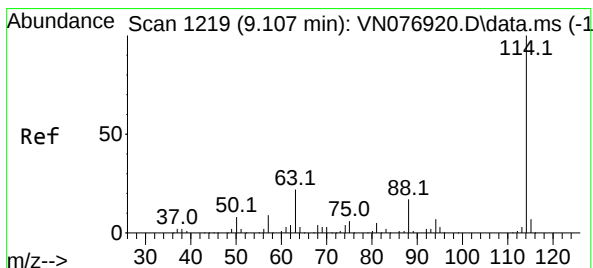
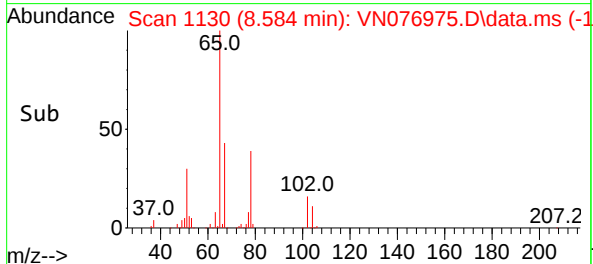
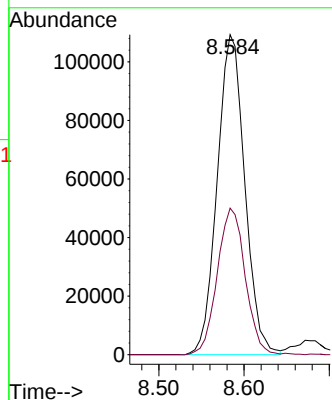
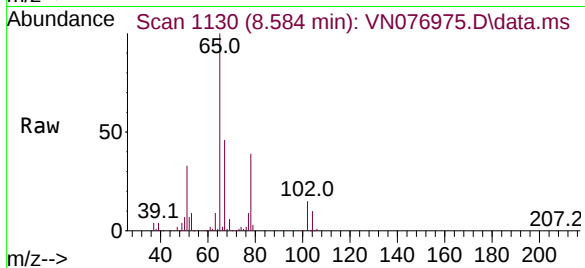
67 46.5 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

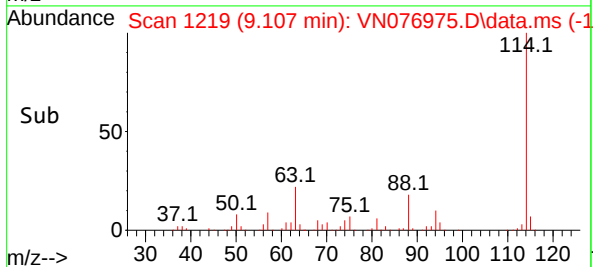
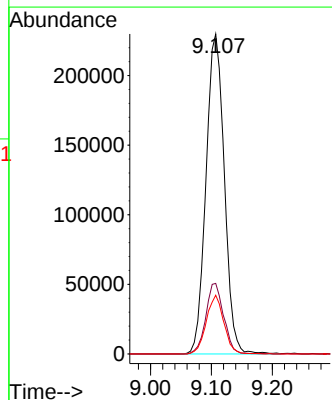
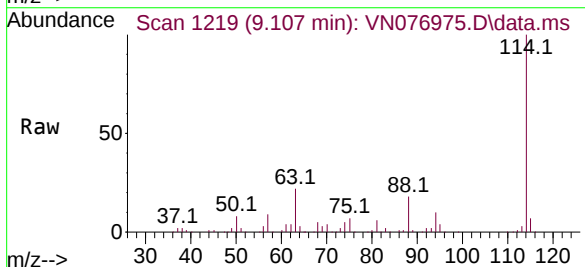
Tgt Ion:114 Resp: 481567

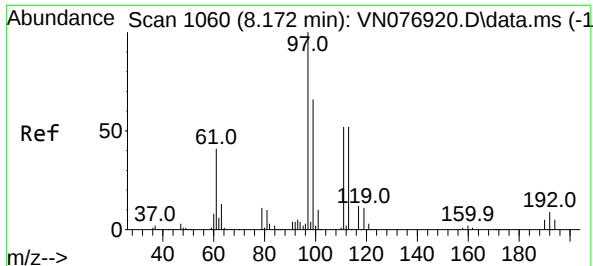
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.6

88 18.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 52.579 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 16875

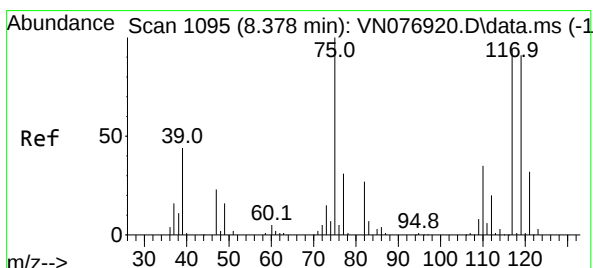
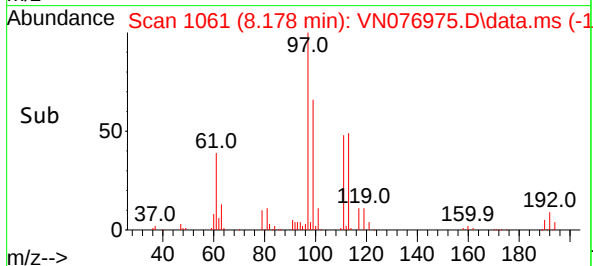
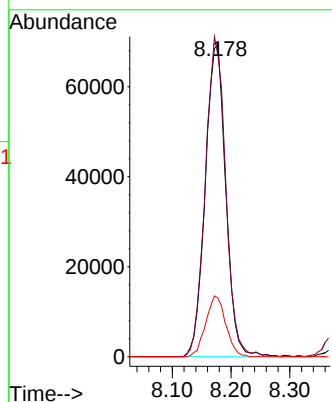
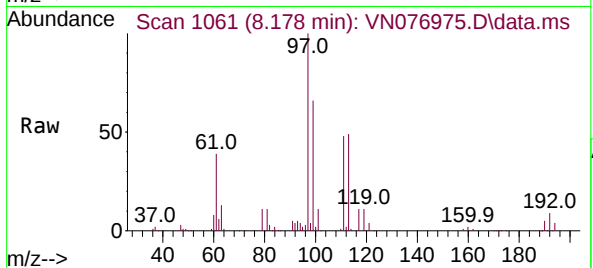
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	19.0	13.9	20.9

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/14/2023

Supervised By : Mahesh Dadoda 03/14/2023



#36

1,1-Dichloropropene

Concen: 47.471 ug/l

RT: 8.378 min Scan# 1095

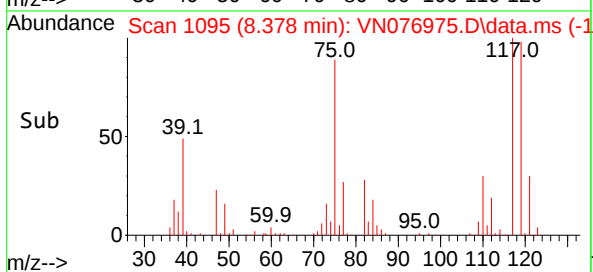
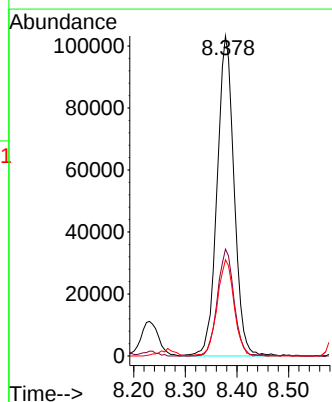
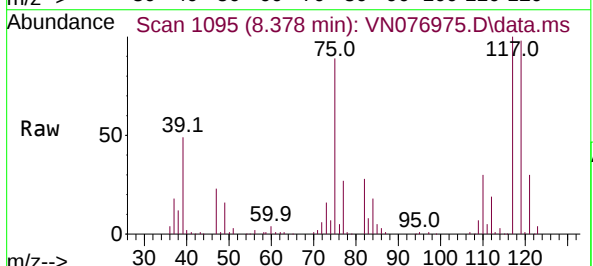
Delta R.T. -0.000 min

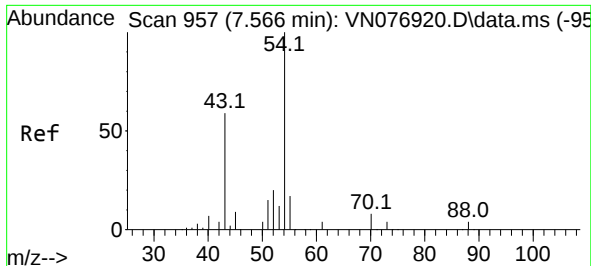
Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Tgt Ion: 75 Resp: 235635

Ion	Ratio	Lower	Upper
75	100		
110	32.8	18.9	56.9
77	29.9	24.9	37.3





#37

Ethyl Acetate

Concen: 42.384 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076975.D

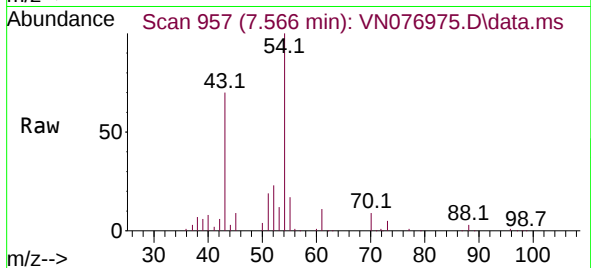
Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 16824

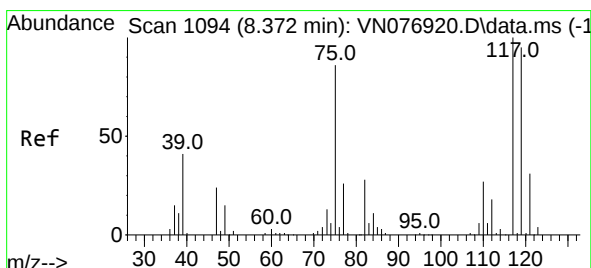
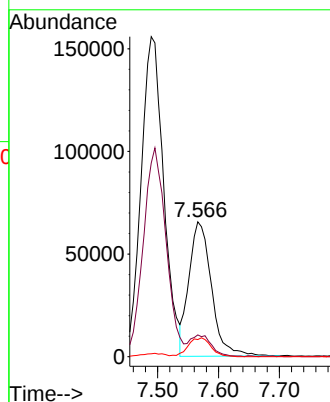
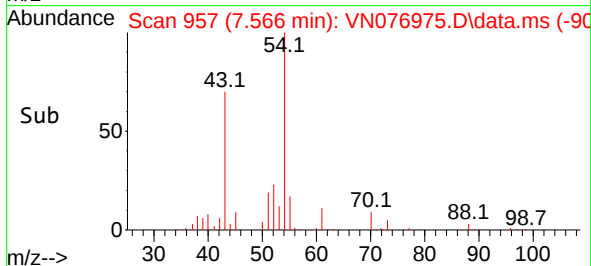
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.5	20.3
70	14.2	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#38

Carbon Tetrachloride

Concen: 56.828 ug/l

RT: 8.366 min Scan# 1093

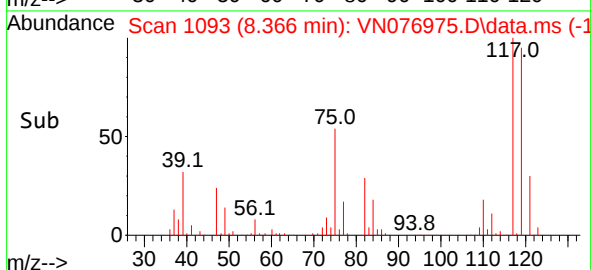
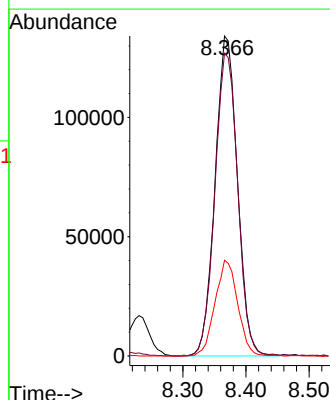
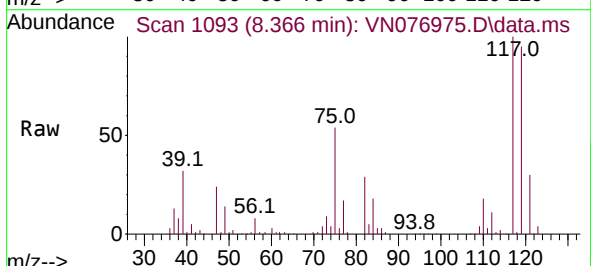
Delta R.T. -0.006 min

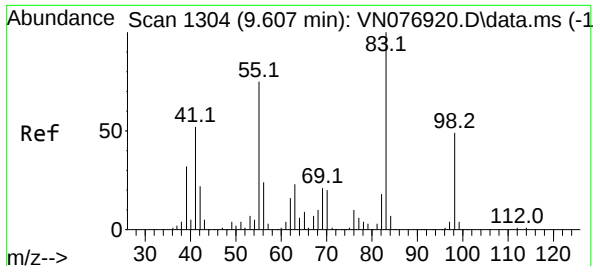
Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Tgt Ion:117 Resp: 330142

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.9	115.3
121	29.9	23.2	34.8





#39

Methylcyclohexane

Concen: 45.275 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 272800

Ion Ratio Lower Upper

83 100

55 71.8 47.0 70.4

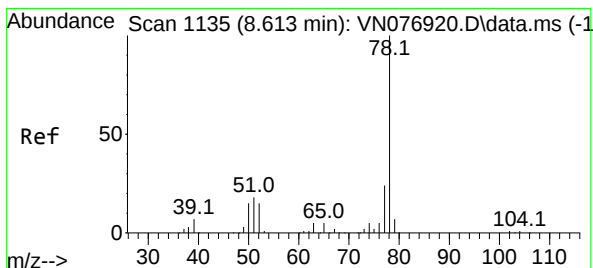
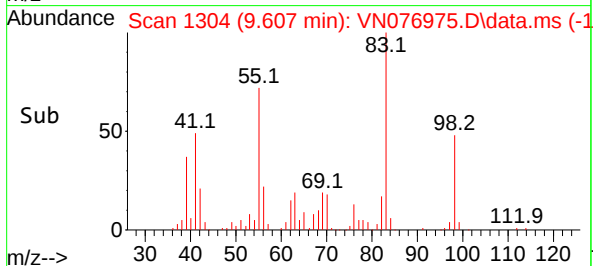
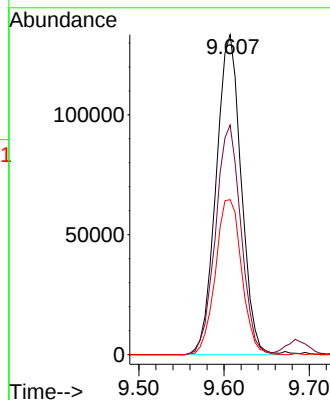
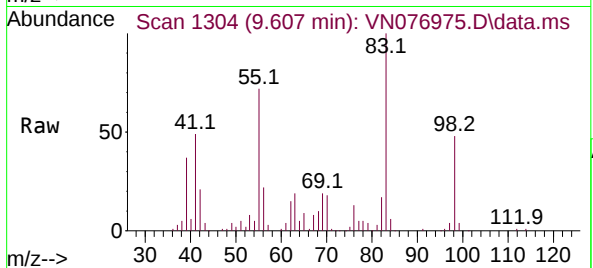
98 48.4 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#40

Benzene

Concen: 43.945 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076975.D

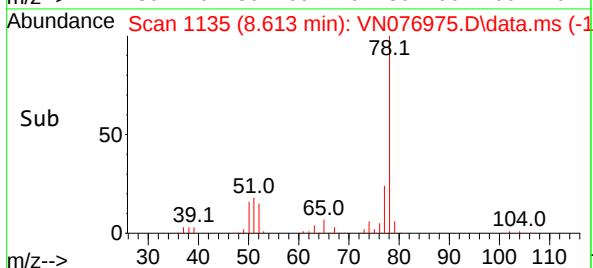
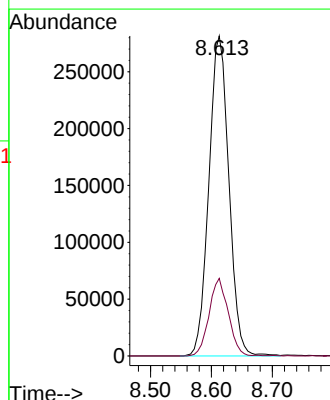
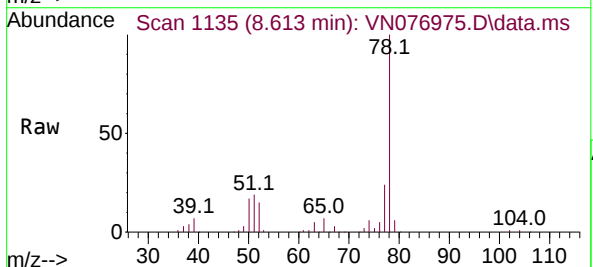
Acq: 13 Mar 2023 20:34

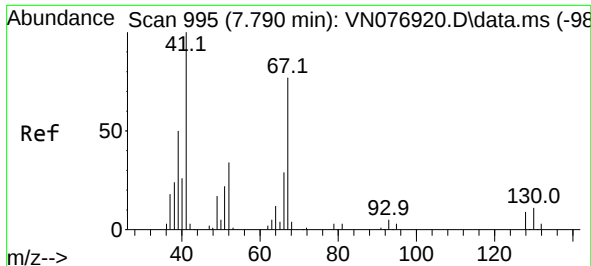
Tgt Ion: 78 Resp: 642986

Ion Ratio Lower Upper

78 100

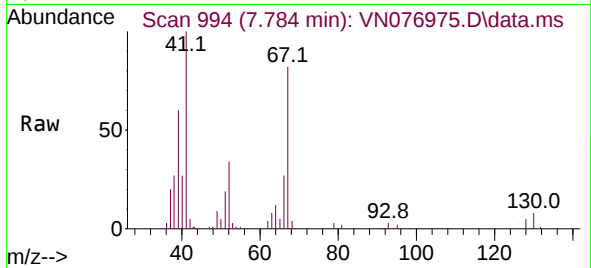
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 40.176 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

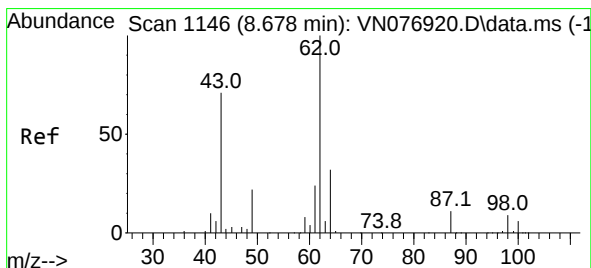
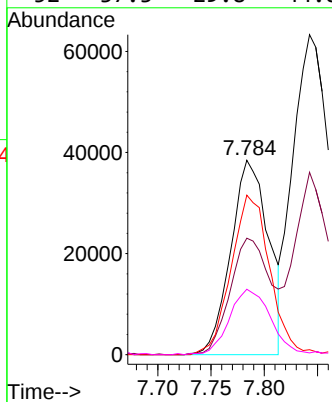
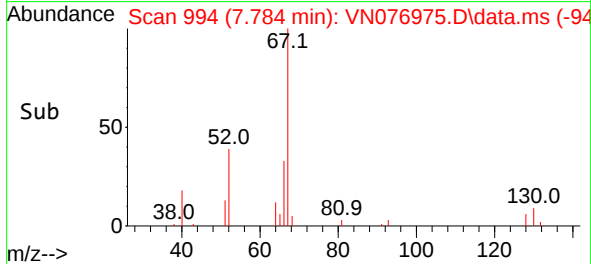
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



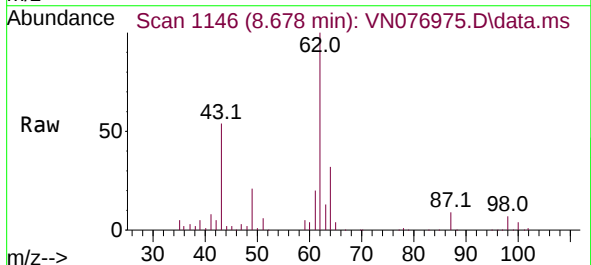
Tgt Ion: 41 Resp: 94900
Ion Ratio Lower Upper
41 100
39 63.3 43.4 65.0
67 84.8 78.6 118.0
52 37.3 29.8 44.8

Manual Integrations
APPROVED

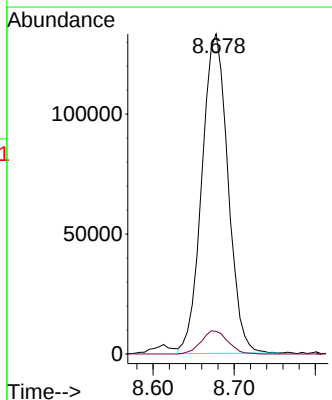
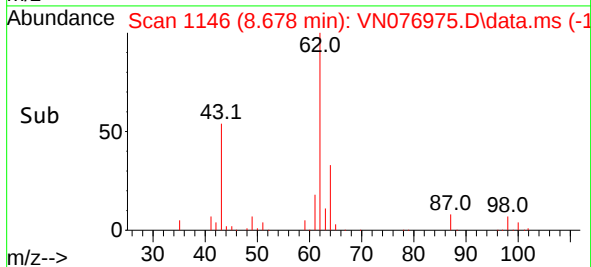
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

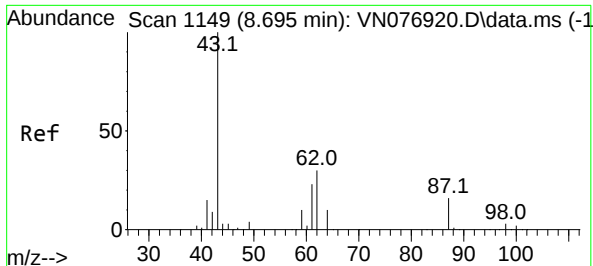


#42
1,2-Dichloroethane
Concen: 52.094 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



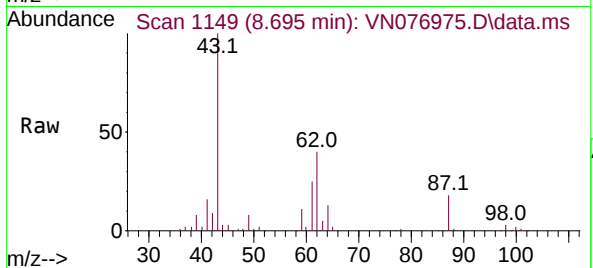
Tgt Ion: 62 Resp: 297305
Ion Ratio Lower Upper
62 100
98 7.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 43.282 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

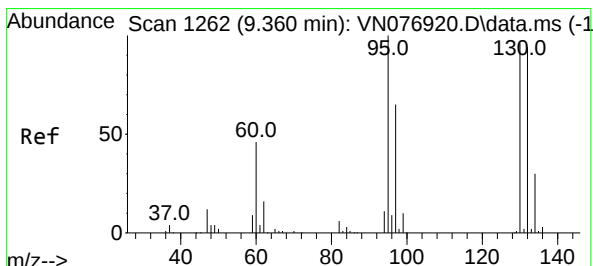
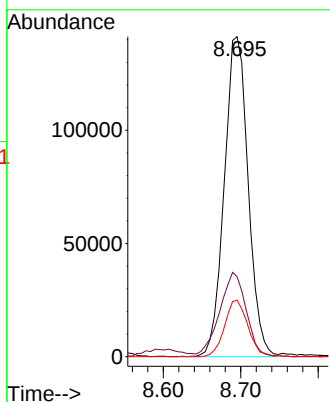
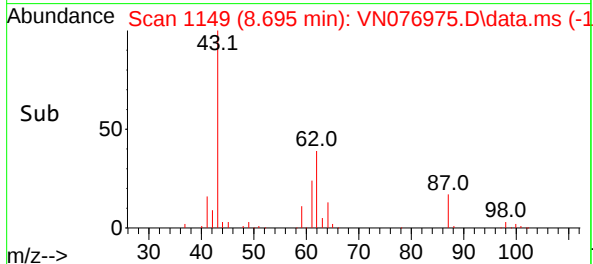
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



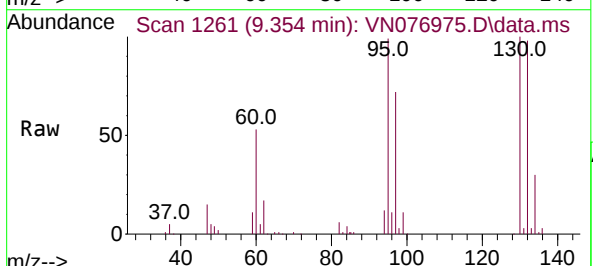
Tgt Ion: 43 Resp: 303295
Ion Ratio Lower Upper
43 100
61 29.2 26.2 39.2
87 17.2 14.8 22.2

Manual Integrations
APPROVED

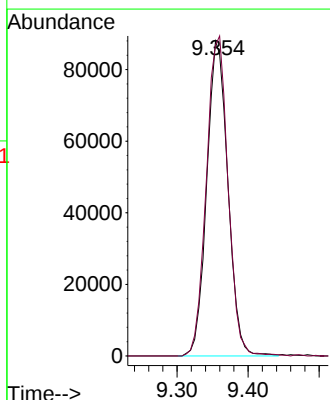
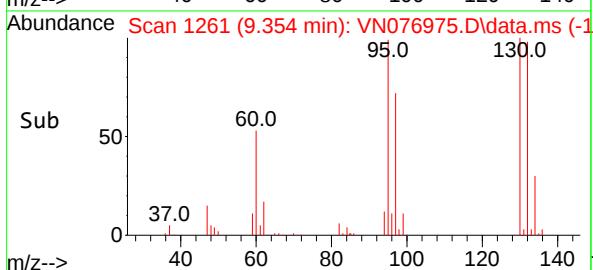
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

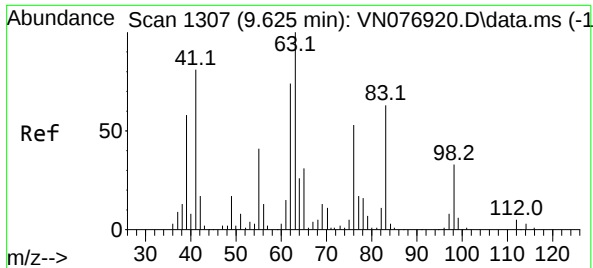


#44
Trichloroethene
Concen: 48.103 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion:130 Resp: 181892
Ion Ratio Lower Upper
130 100
95 98.7 0.0 208.6





#45

1,2-Dichloropropane

Concen: 40.647 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 146328

Ion Ratio Lower Upper

63 100

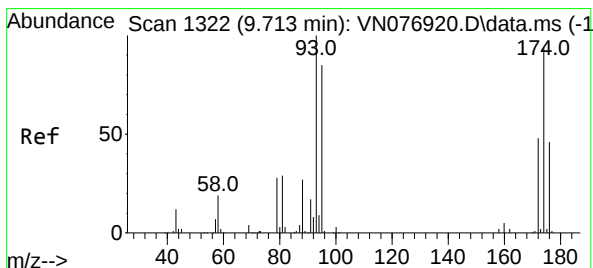
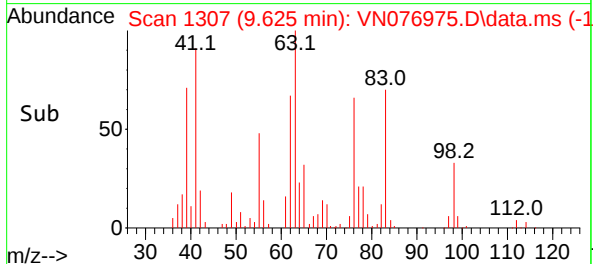
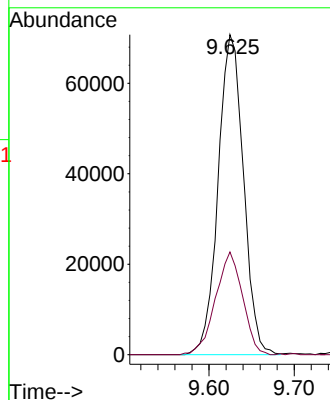
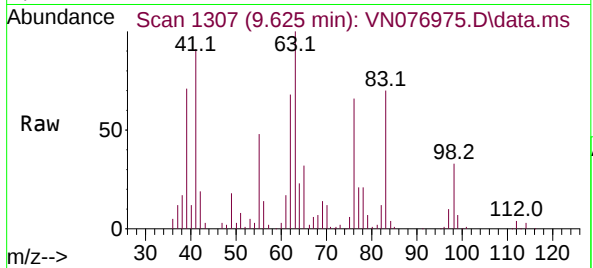
65 32.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#46

Dibromomethane

Concen: 48.794 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

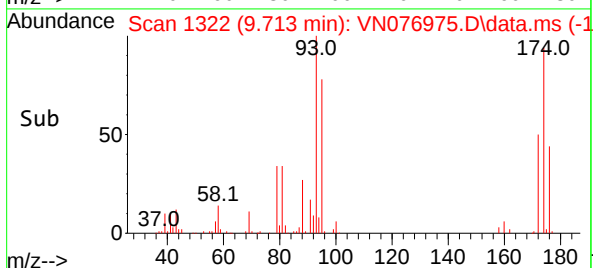
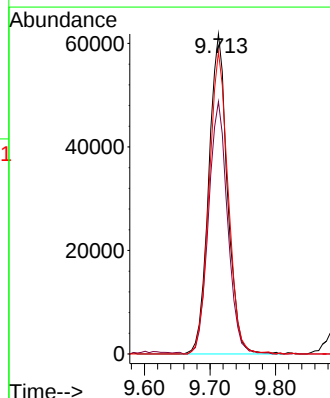
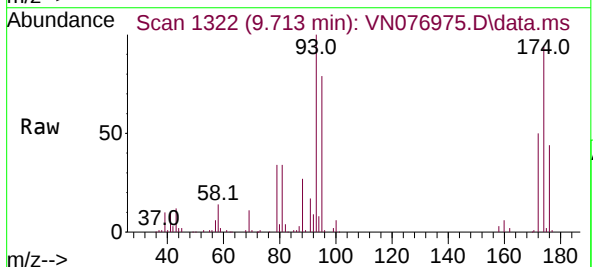
Tgt Ion: 93 Resp: 122678

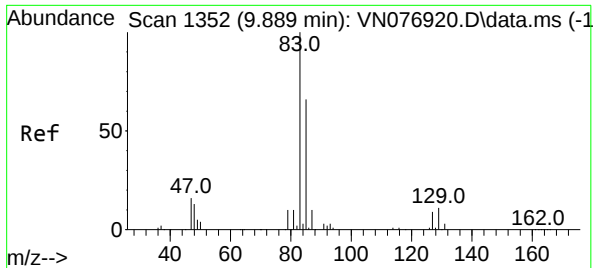
Ion Ratio Lower Upper

93 100

95 80.2 65.7 98.5

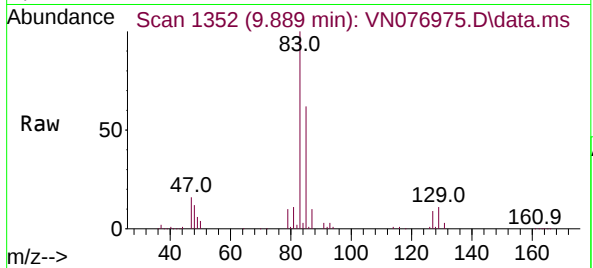
174 96.0 69.3 103.9





#47
Bromodichloromethane
Concen: 52.928 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

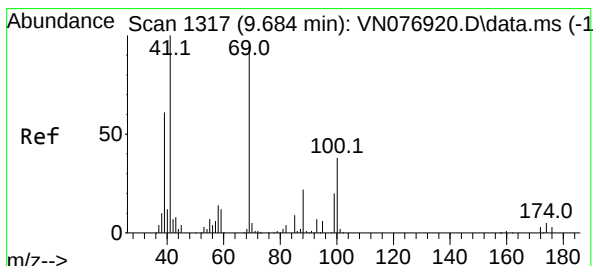
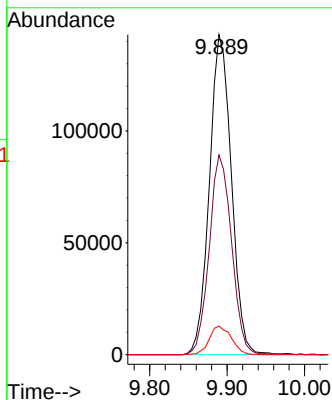
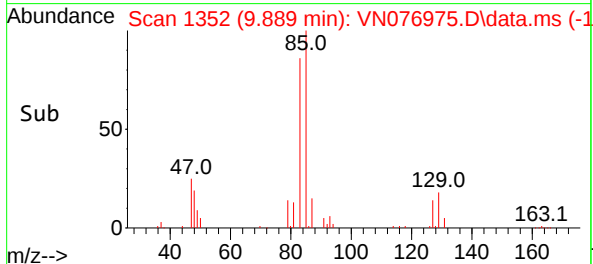
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



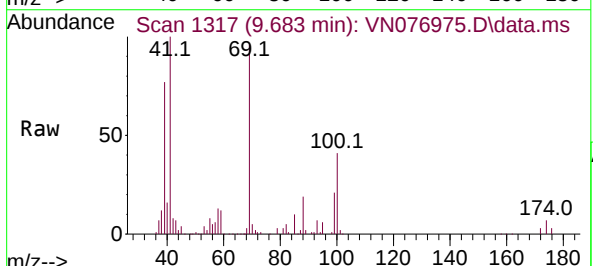
Tgt Ion: 83 Resp: 28230
Ion Ratio Lower Upper
83 100
85 62.4 52.6 78.8
127 8.9 7.0 10.6

Manual Integrations
APPROVED

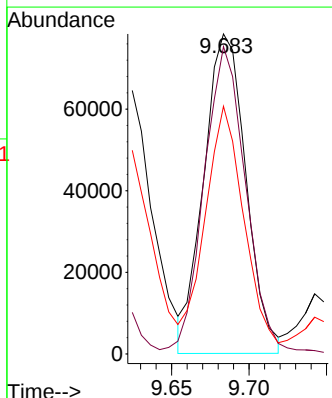
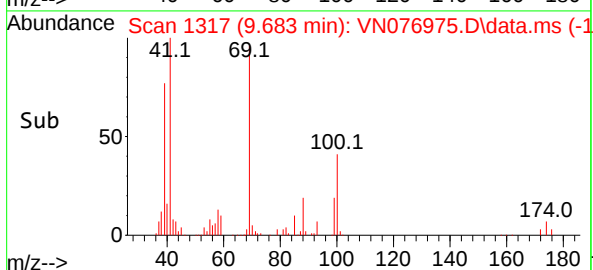
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

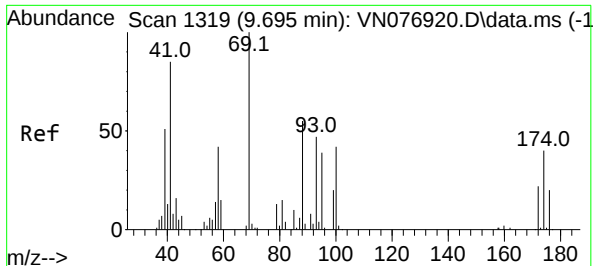


#48
Methyl methacrylate
Concen: 43.071 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 41 Resp: 147882
Ion Ratio Lower Upper
41 100
69 95.1 92.6 139.0
39 72.3 51.4 77.0





#49

1,4-Dioxane

Concen: 899.608 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

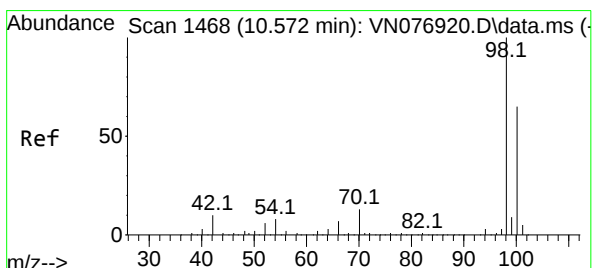
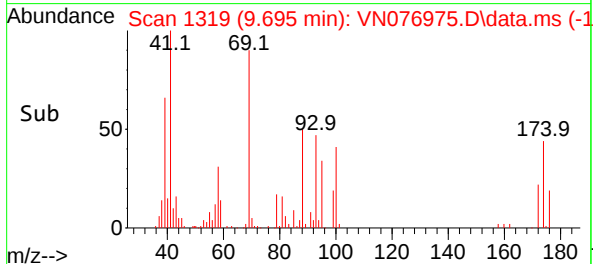
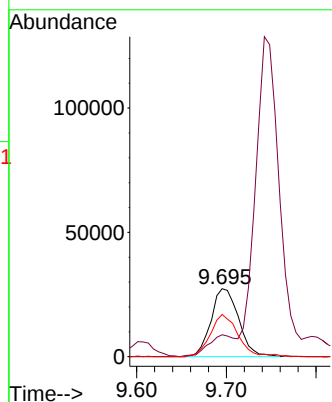
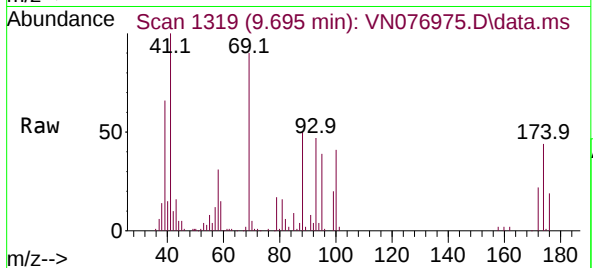
Tgt Ion: 88 Resp: 58480
 Ion Ratio Lower Upper
 88 100
 43 32.6 15.3 22.9
 58 62.6 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#50

Toluene-d8

Concen: 49.436 ug/l

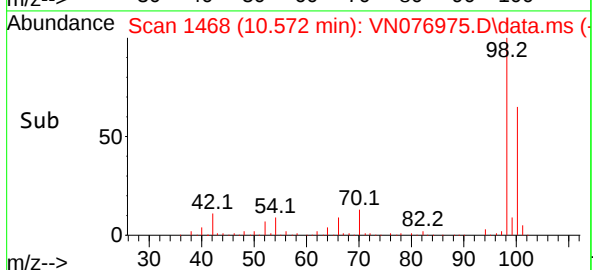
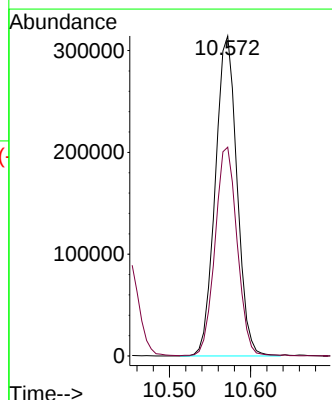
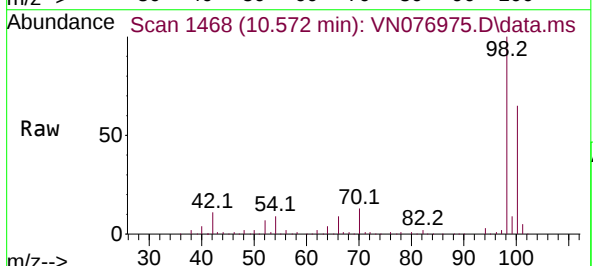
RT: 10.572 min Scan# 1468

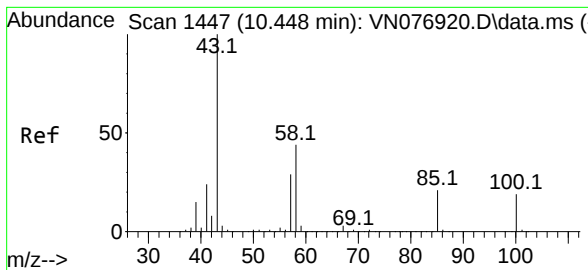
Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

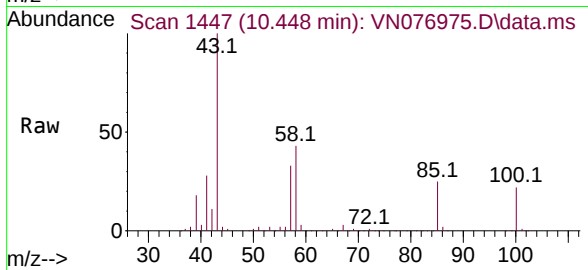
Tgt Ion: 98 Resp: 584753
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 206.474 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

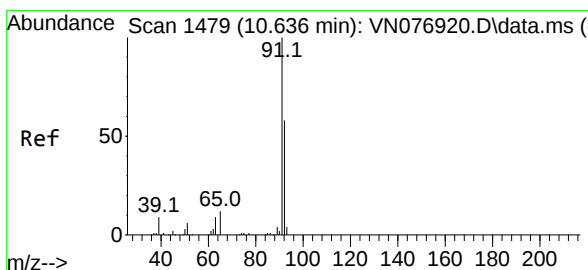
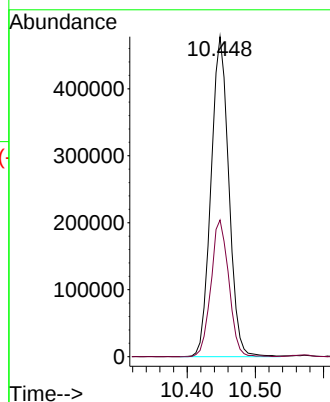
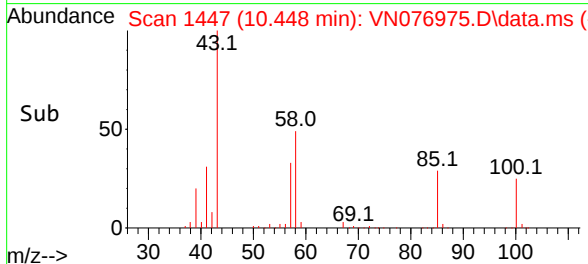
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 869154
Ion Ratio Lower Upper
43 100
58 42.7 37.4 56.0

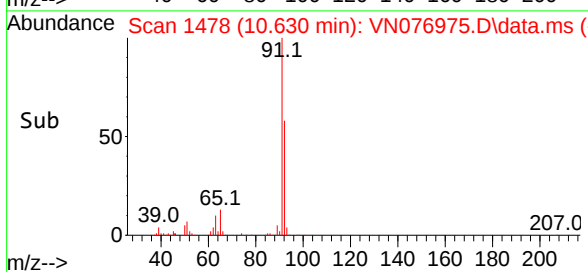
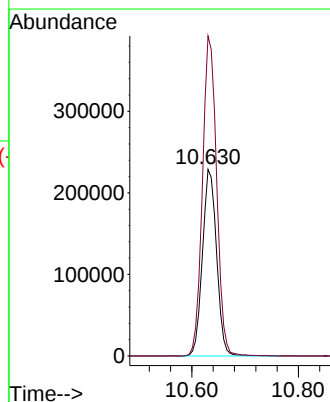
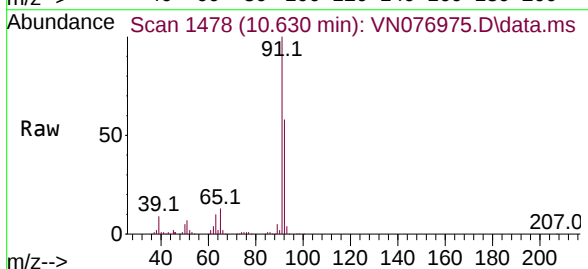
Manual Integrations
APPROVED

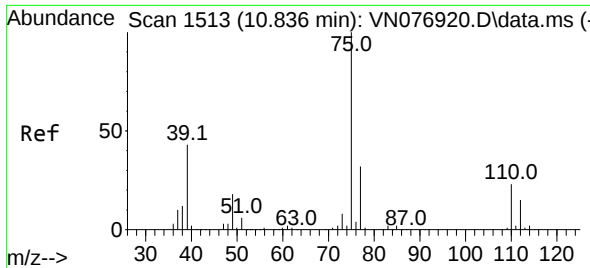
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#52
Toluene
Concen: 46.649 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

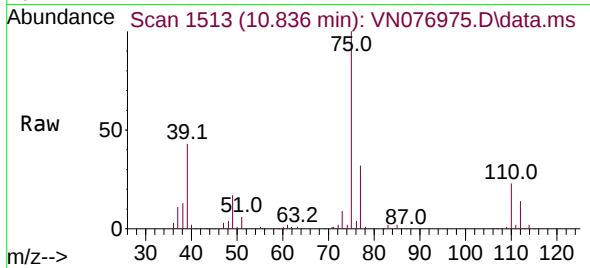
Tgt Ion: 92 Resp: 420078
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 51.897 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

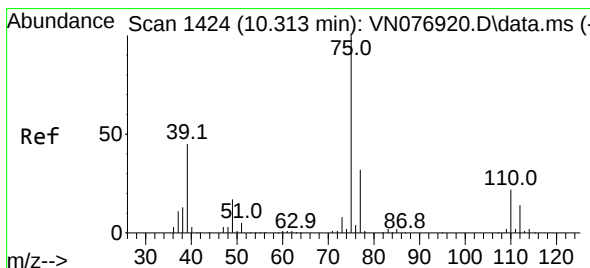
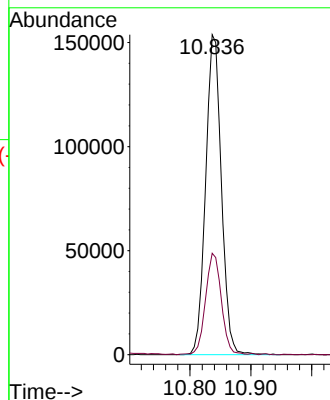
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 275964
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

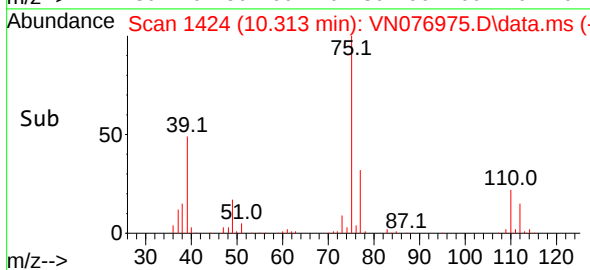
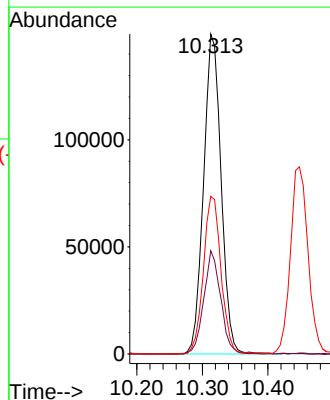
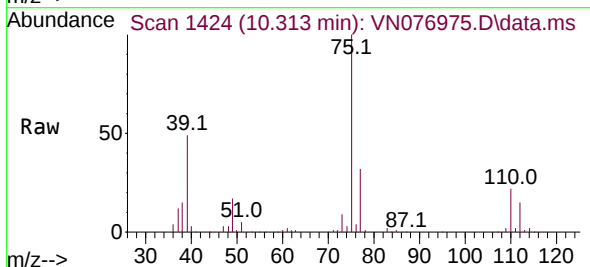
Manual Integrations
APPROVED

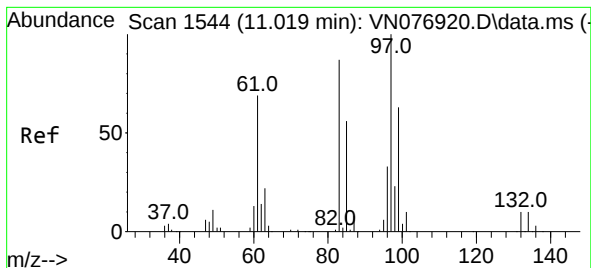
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#54
cis-1,3-Dichloropropene
Concen: 47.693 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

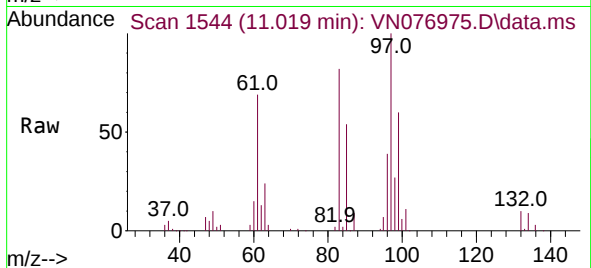
Tgt Ion: 75 Resp: 278516
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 49.2 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 45.050 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

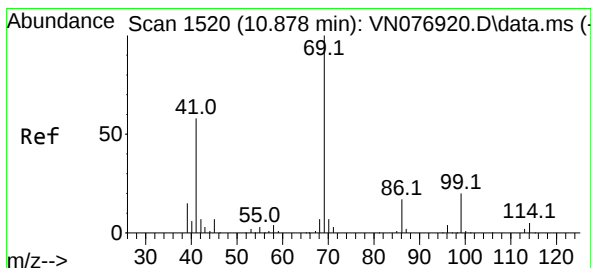
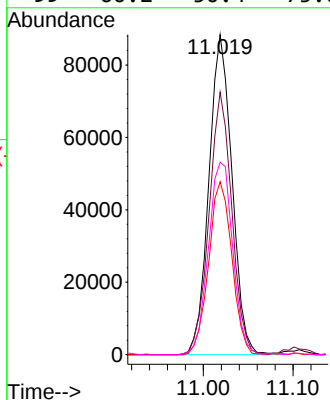
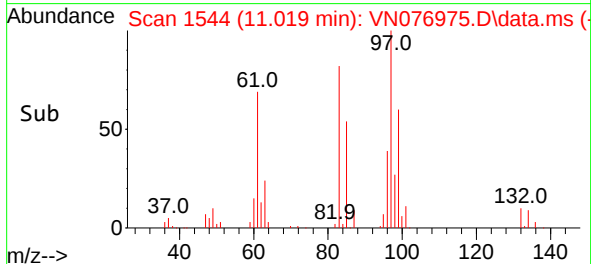
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



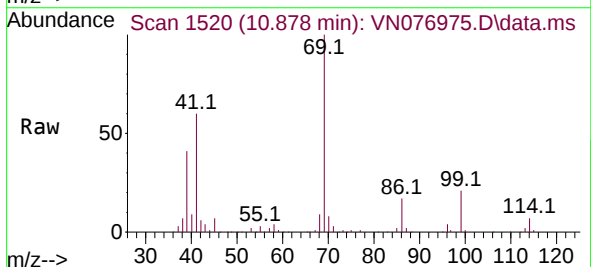
Tgt Ion: 97 Resp: 15784
Ion Ratio Lower Upper
97 100
83 82.0 67.1 100.7
85 54.1 41.8 62.8
99 60.2 50.4 75.6

Manual Integrations
APPROVED

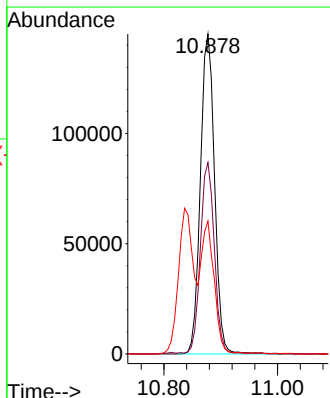
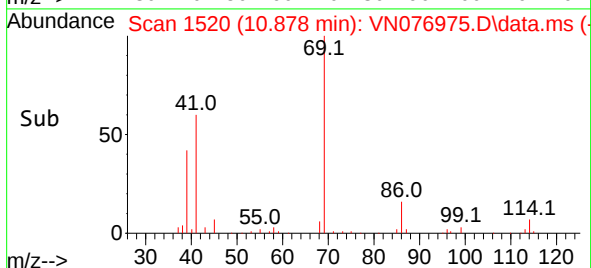
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

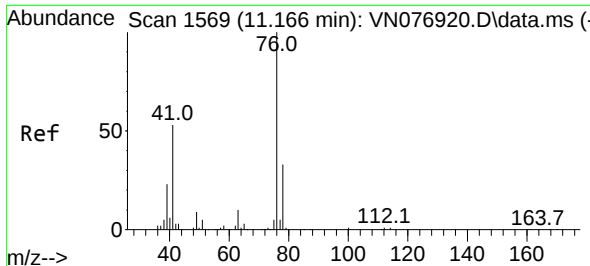


#56
Ethyl methacrylate
Concen: 47.101 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 69 Resp: 250310
Ion Ratio Lower Upper
69 100
41 58.1 38.0 57.0#
39 37.1 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 44.784 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 276680

Ion Ratio Lower Upper

76 100

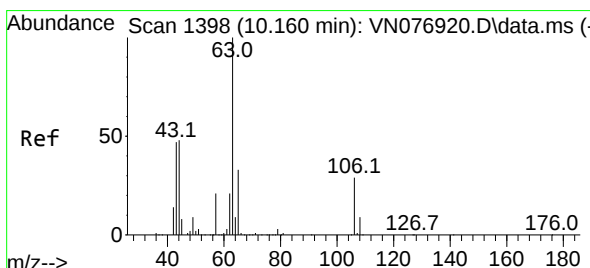
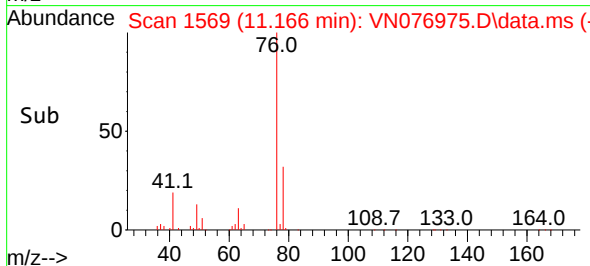
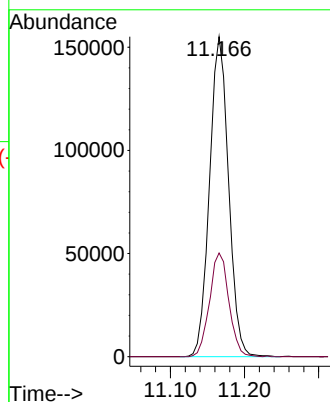
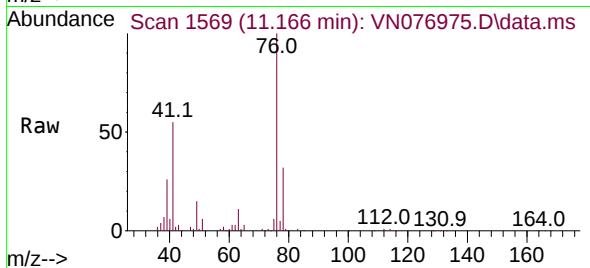
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 228.118 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076975.D

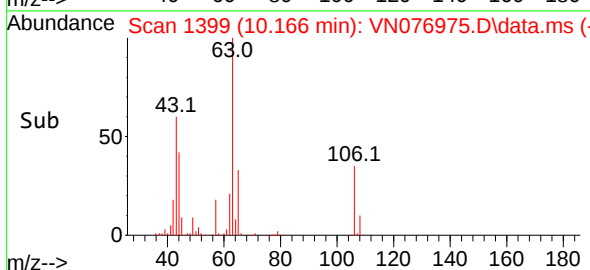
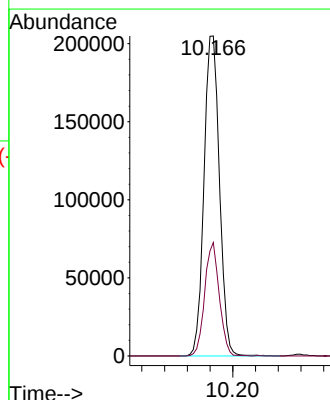
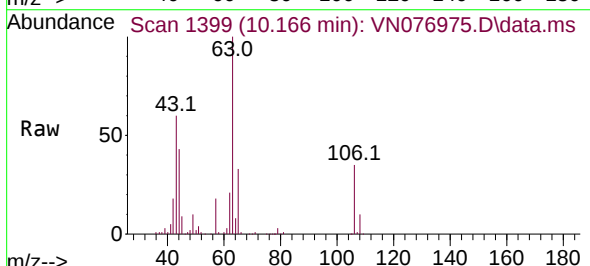
Acq: 13 Mar 2023 20:34

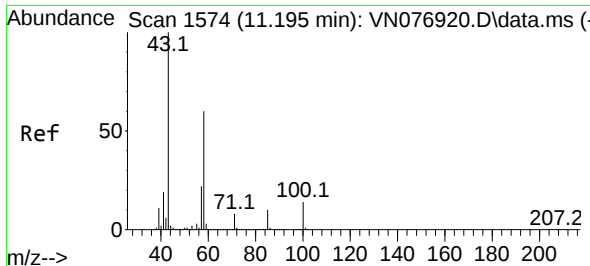
Tgt Ion: 63 Resp: 386037

Ion Ratio Lower Upper

63 100

106 33.4 25.6 38.4





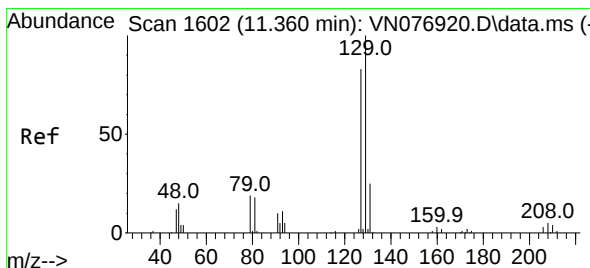
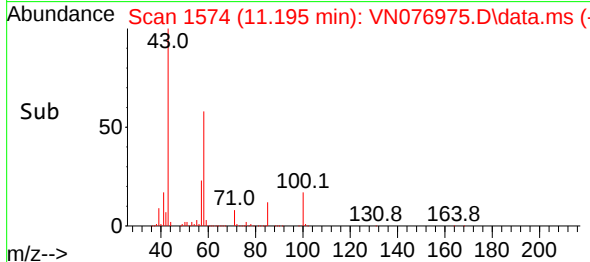
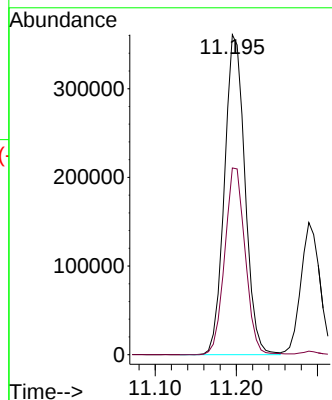
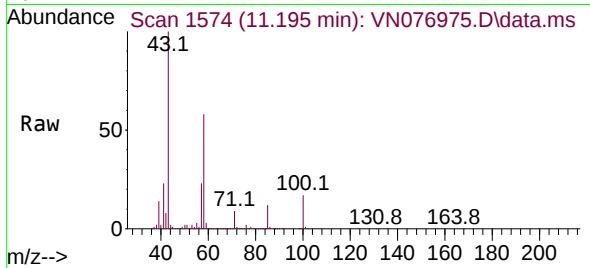
#59
2-Hexanone
Concen: 206.283 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 63314
Ion Ratio Lower Upper
43 100
58 58.3 32.6 98.0

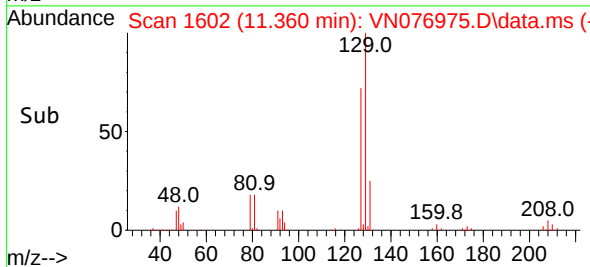
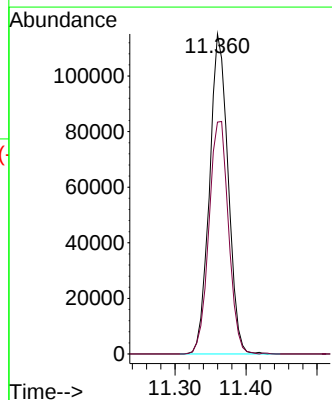
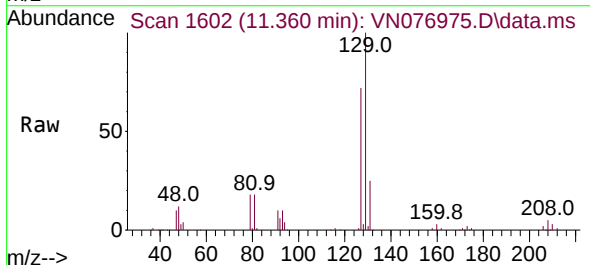
Manual Integrations
APPROVED

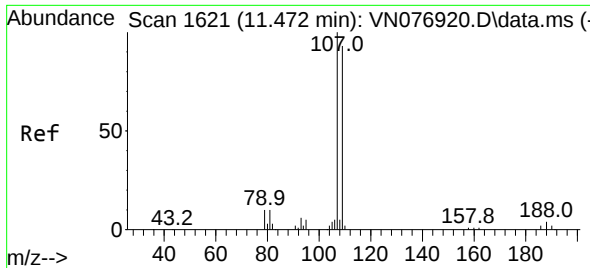
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#60
Dibromochloromethane
Concen: 54.139 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

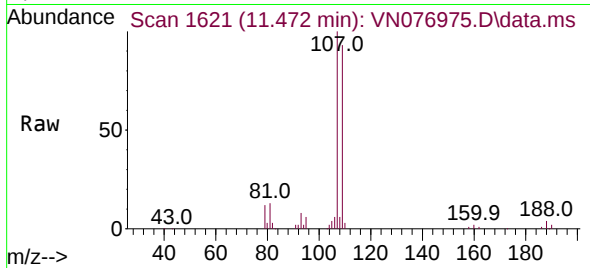
Tgt Ion:129 Resp: 208985
Ion Ratio Lower Upper
129 100
127 76.6 39.6 118.8





#61
1,2-Dibromoethane
Concen: 47.562 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

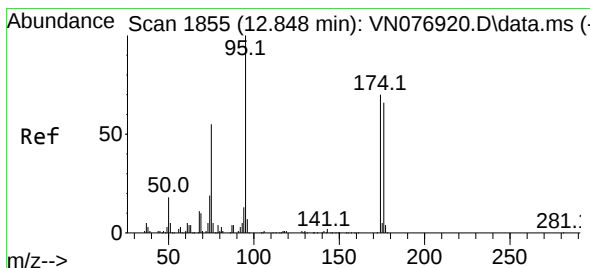
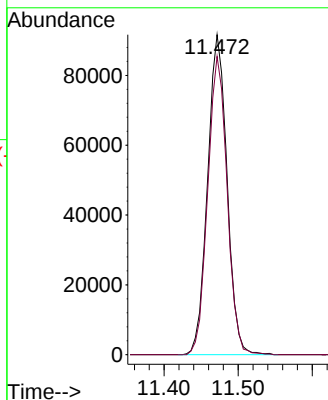
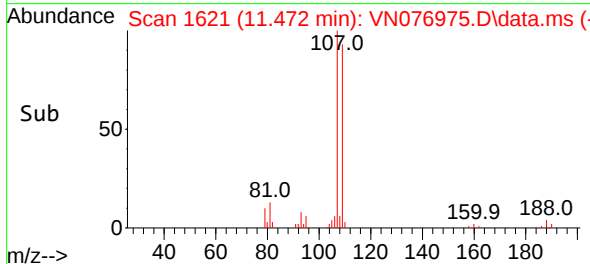
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



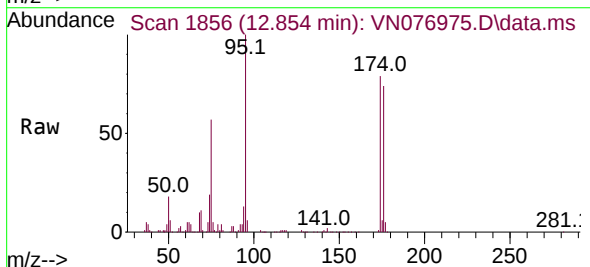
Tgt Ion:107 Resp: 167023
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9

Manual Integrations
APPROVED

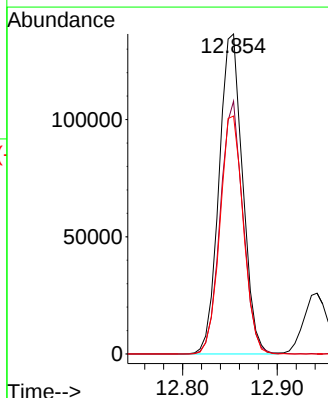
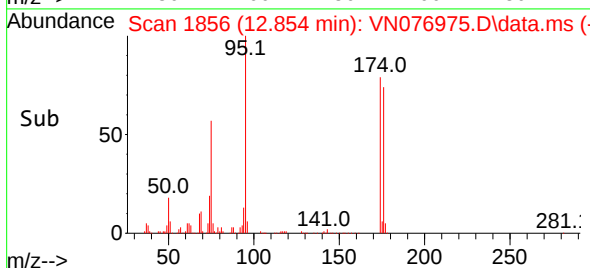
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

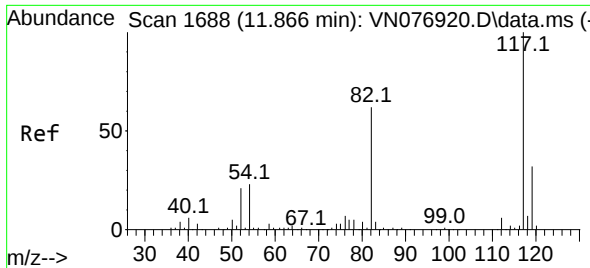


#62
4-Bromofluorobenzene
Concen: 54.596 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



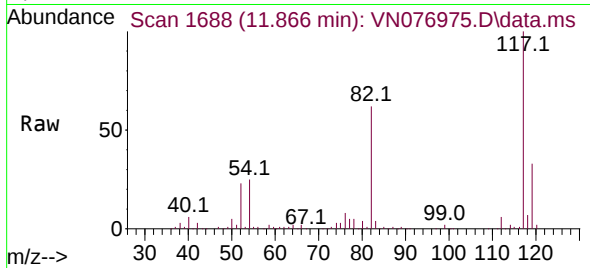
Tgt Ion: 95 Resp: 236207
Ion Ratio Lower Upper
95 100
174 75.9 0.0 162.4
176 73.8 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

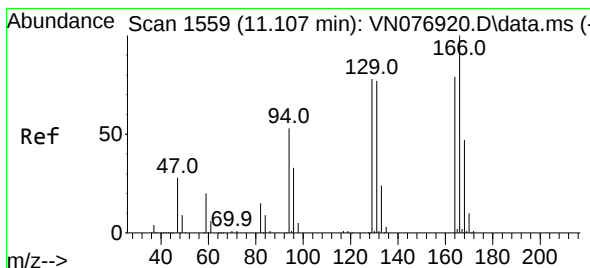
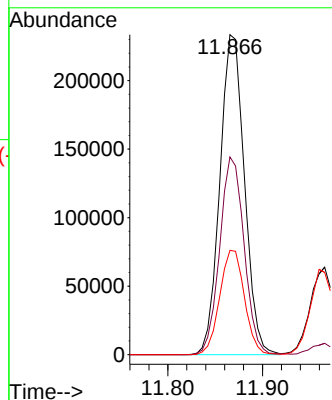
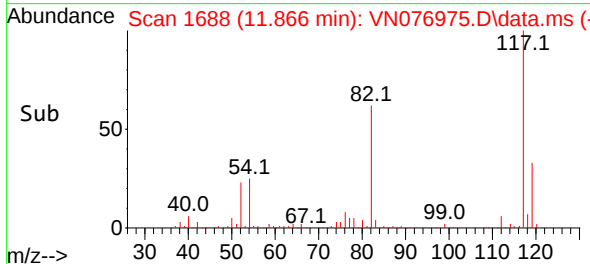
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 421564
Ion Ratio Lower Upper
117 100
82 61.8 43.5 65.3
119 32.6 25.5 38.3

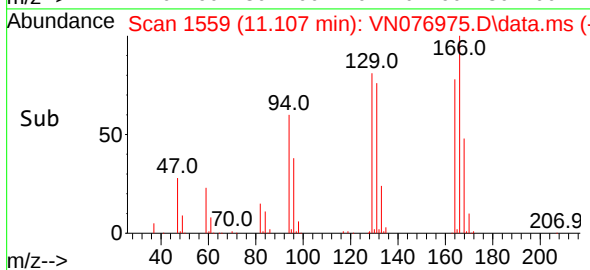
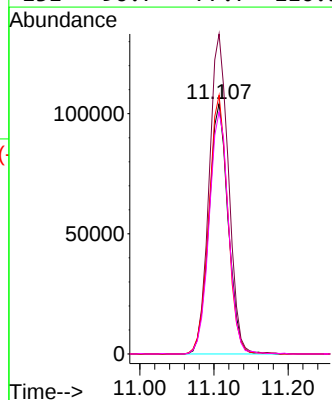
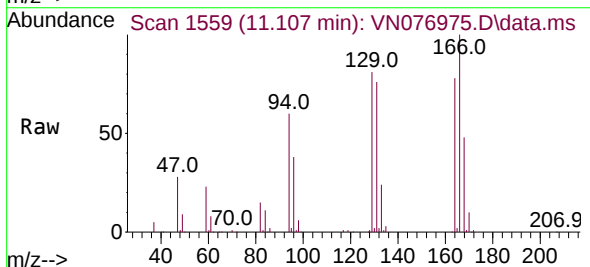
Manual Integrations
APPROVED

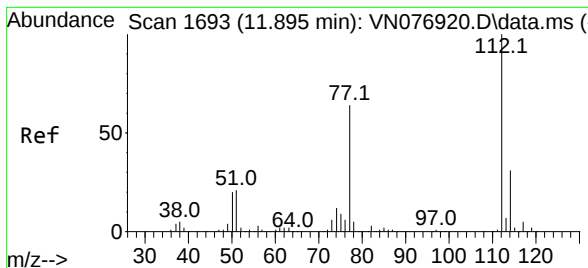
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#64
Tetrachloroethene
Concen: 54.852 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

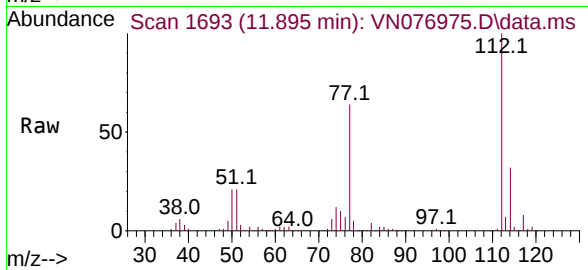
Tgt Ion:164 Resp: 187148
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 103.3 81.5 122.3
131 96.7 77.7 116.5





#65
Chlorobenzene
Concen: 47.075 ug/l
RT: 11.895 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

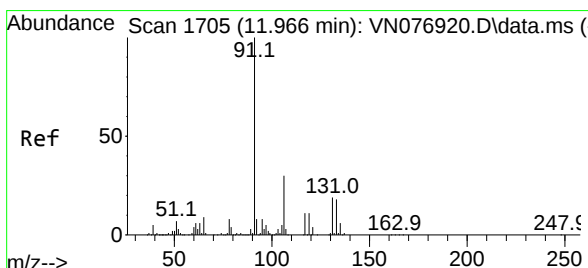
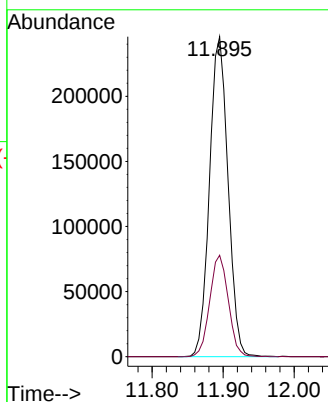
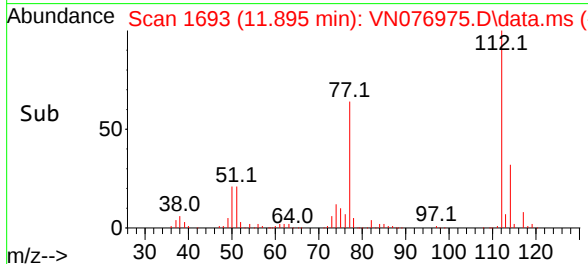
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



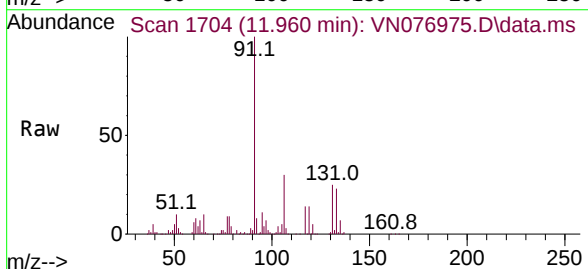
Tgt Ion:112 Resp: 443899
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

Manual Integrations
APPROVED

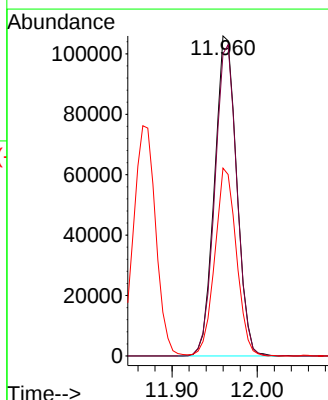
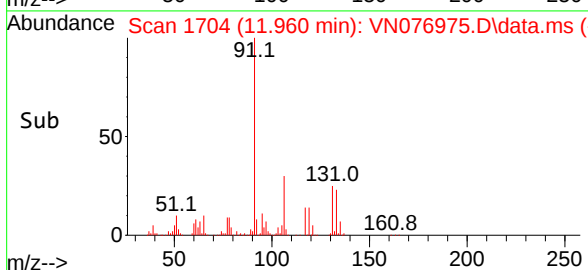
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

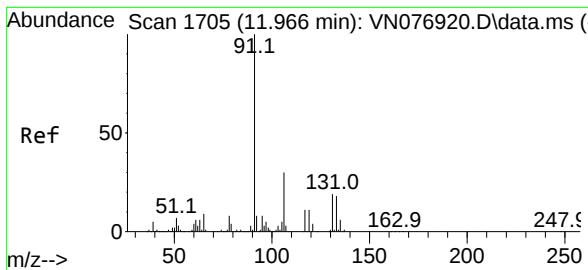


#66
1,1,1,2-Tetrachloroethane
Concen: 52.001 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



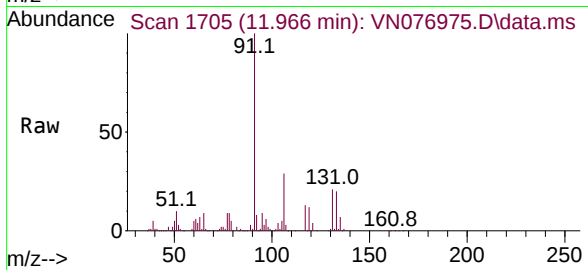
Tgt Ion:131 Resp: 191423
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.8
119 57.3 33.1 99.2





#67
Ethyl Benzene
Concen: 49.415 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

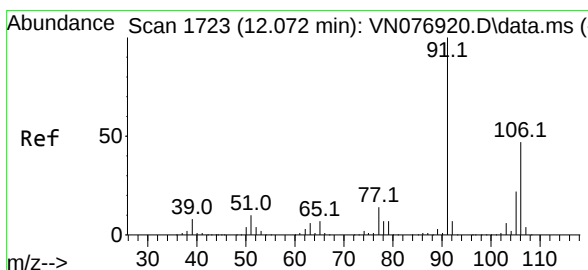
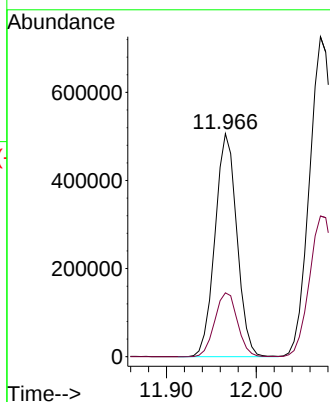
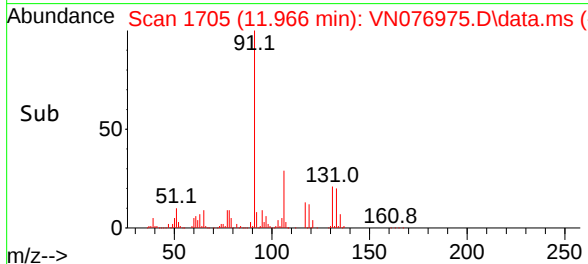
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



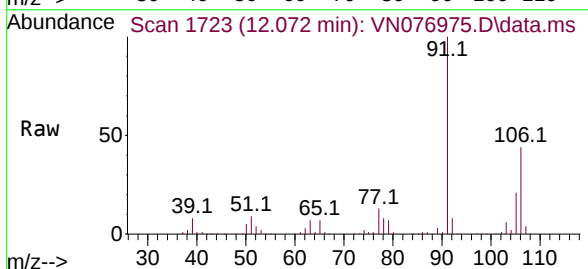
Tgt Ion: 91 Resp: 85681
Ion Ratio Lower Upper
91 100
106 28.6 25.1 37.7

Manual Integrations
APPROVED

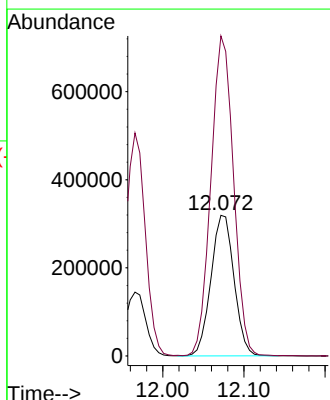
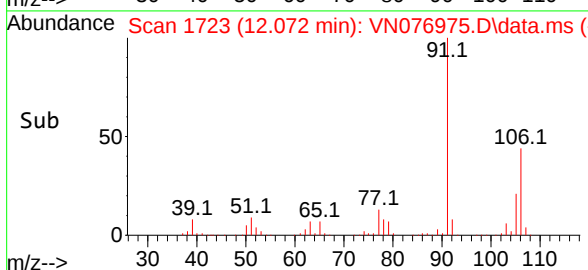
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

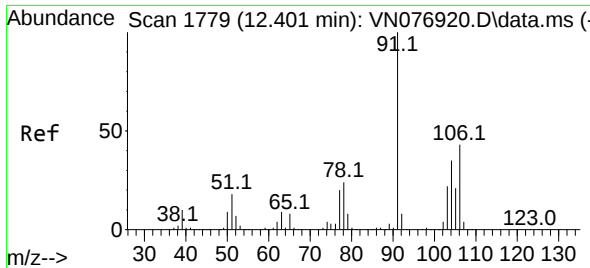


#68
m/p-Xylenes
Concen: 96.836 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion:106 Resp: 631090
Ion Ratio Lower Upper
106 100
91 223.1 158.0 237.0





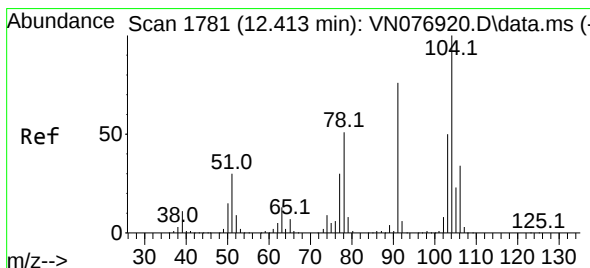
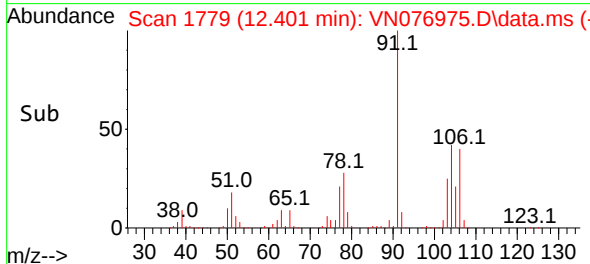
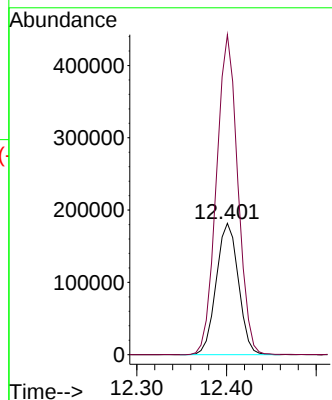
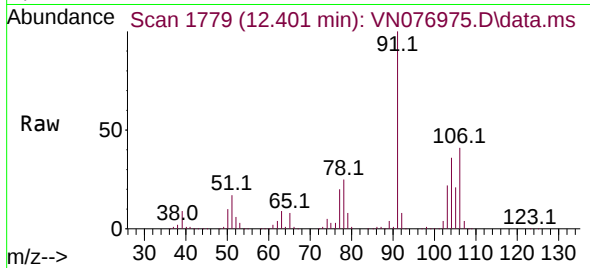
#69
o-Xylene
Concen: 49.325 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 312073
Ion Ratio Lower Upper
106 100
91 234.9 101.8 305.4

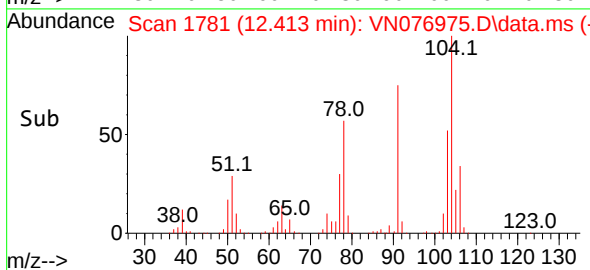
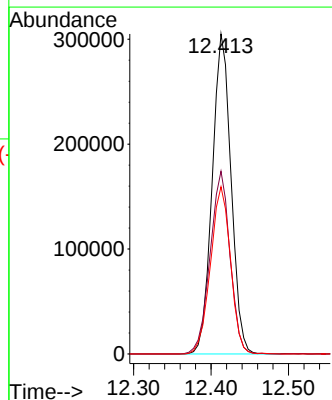
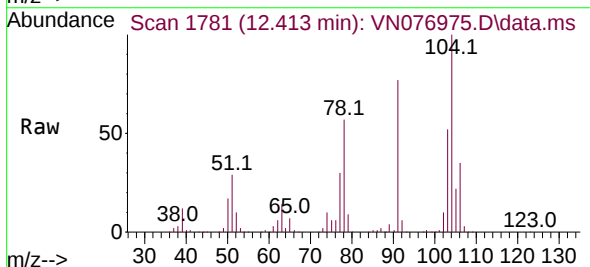
Manual Integrations
APPROVED

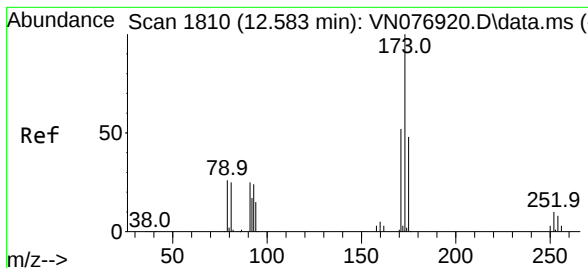
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#70
Styrene
Concen: 50.562 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

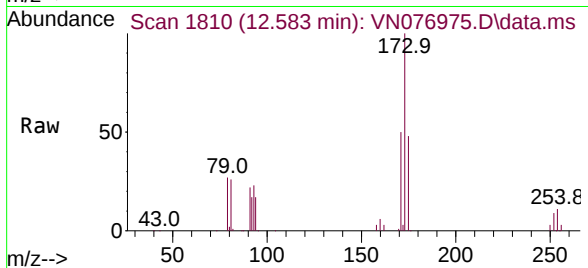
Tgt Ion:104 Resp: 516811
Ion Ratio Lower Upper
104 100
78 60.3 36.6 55.0#
103 55.4 43.4 65.0





#71
Bromoform
Concen: 56.842 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

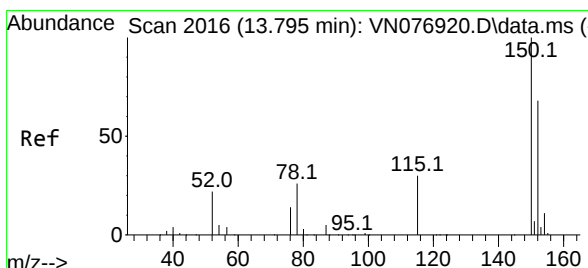
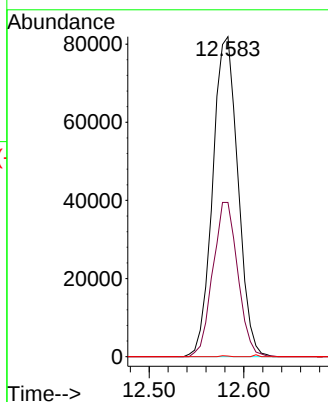
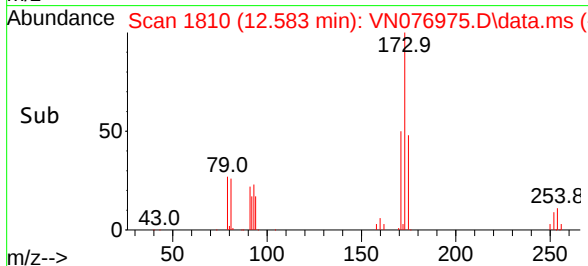
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



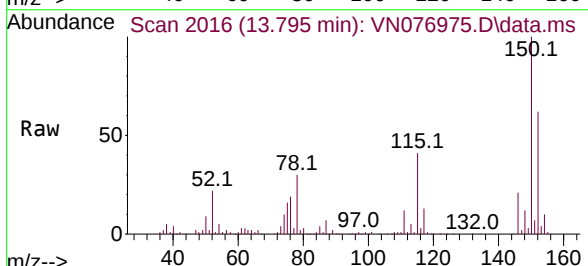
Tgt Ion:173 Resp: 15163
Ion Ratio Lower Upper
173 100
175 47.7 24.9 74.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

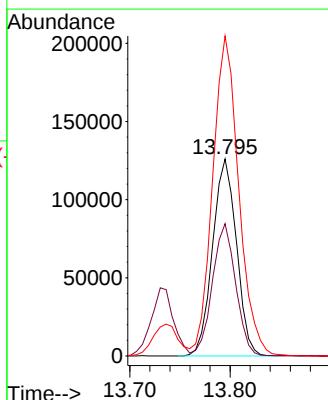
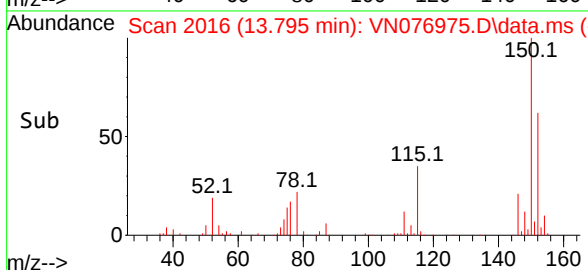
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

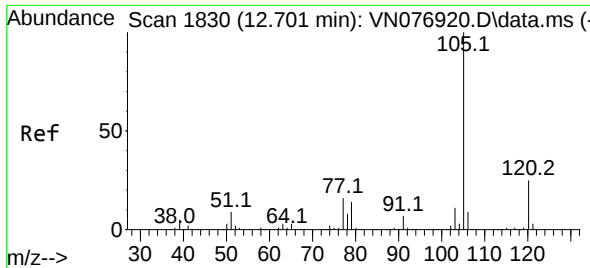


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



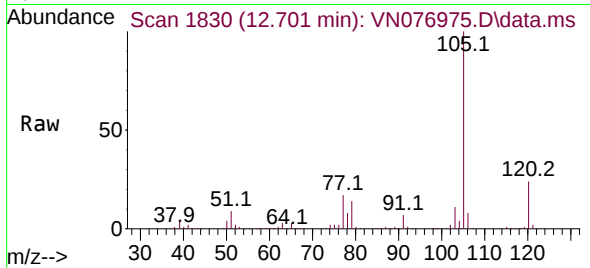
Tgt Ion:152 Resp: 208815
Ion Ratio Lower Upper
152 100
115 65.5 30.3 90.9
150 177.1 0.0 353.6





#73
Isopropylbenzene
Concen: 47.052 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

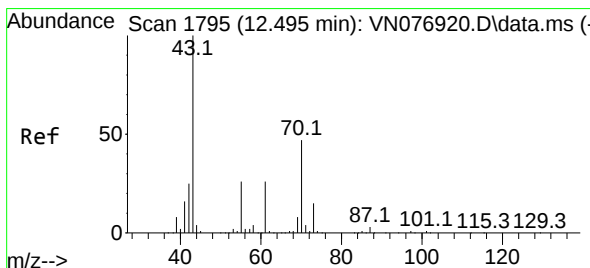
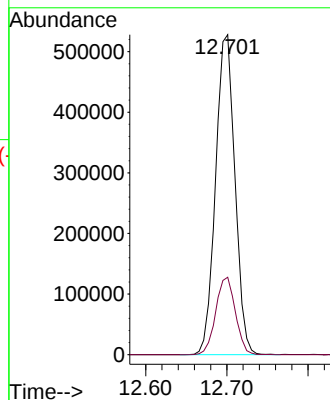
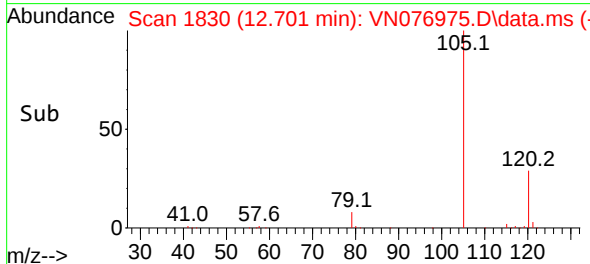
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



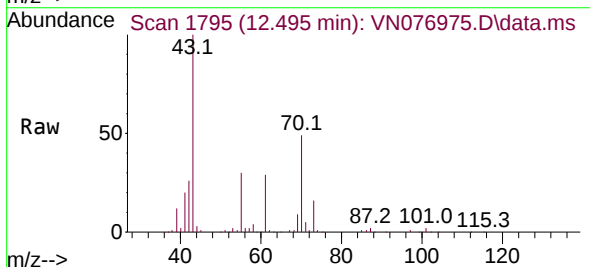
Tgt Ion:105 Resp: 875480
Ion Ratio Lower Upper
105 100
120 24.5 13.8 41.4

Manual Integrations
APPROVED

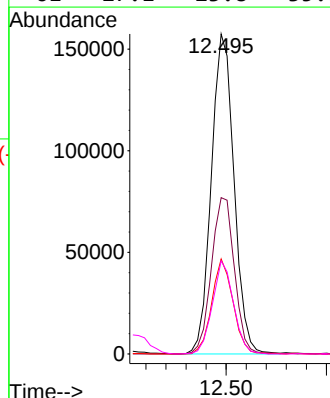
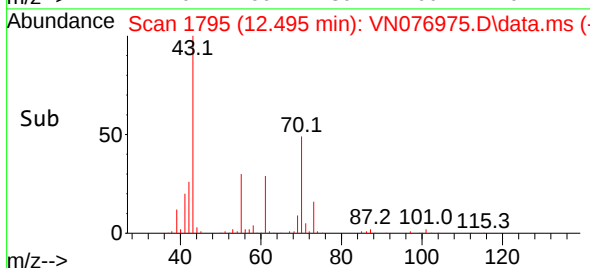
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

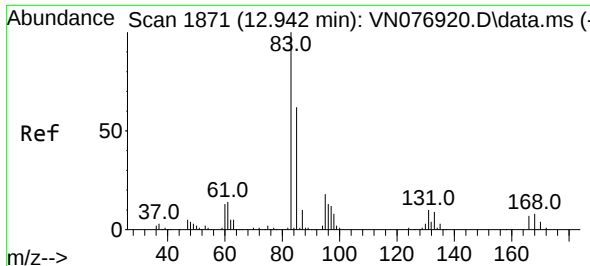


#74
N-ethyl acetate
Concen: 40.144 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 43 Resp: 247311
Ion Ratio Lower Upper
43 100
70 49.7 46.8 70.2
55 27.9 23.4 35.2
61 27.1 23.8 35.8





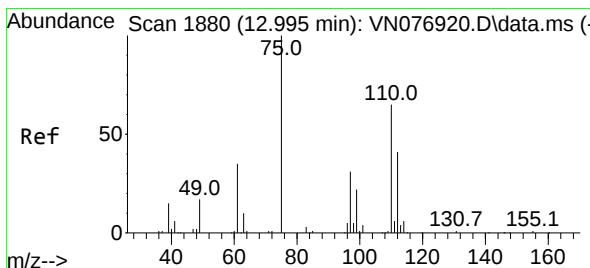
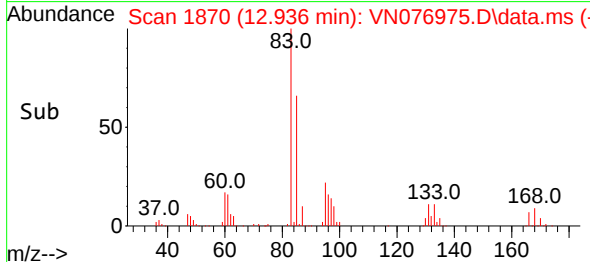
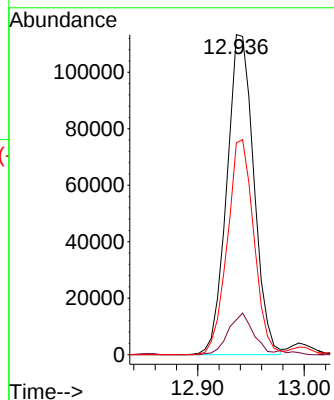
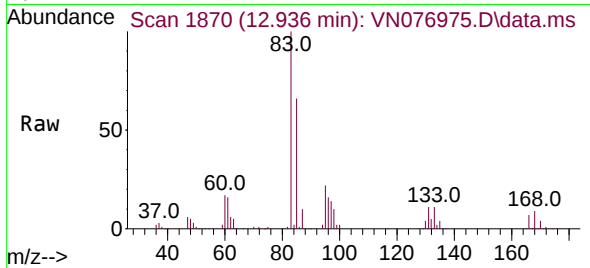
#75
1,1,2,2-Tetrachloroethane
Concen: 36.496 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 199812
Ion Ratio Lower Upper
83 100
131 12.0 5.3 16.1
85 66.1 32.0 96.0

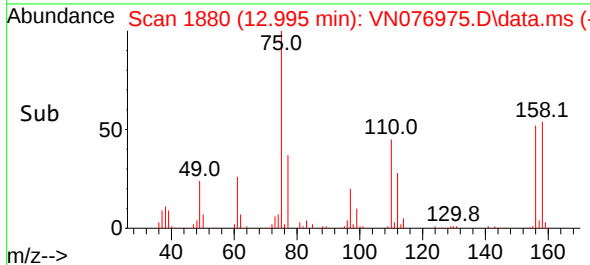
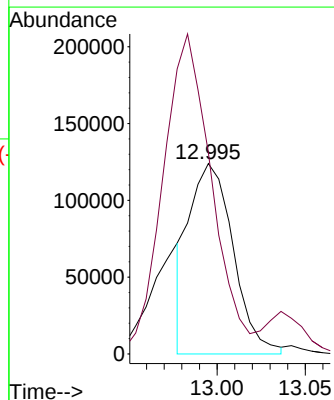
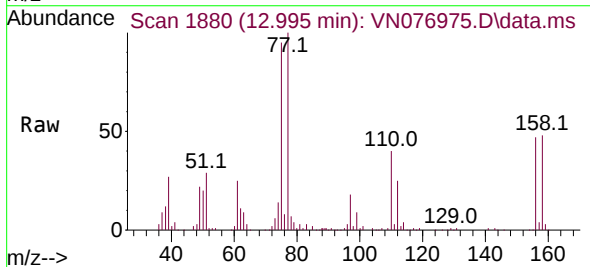
Manual Integrations
APPROVED

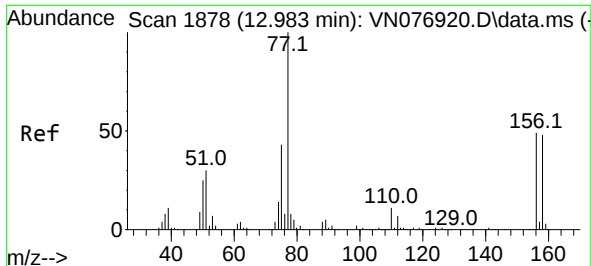
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#76
1,2,3-Trichloropropane
Concen: 42.208 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

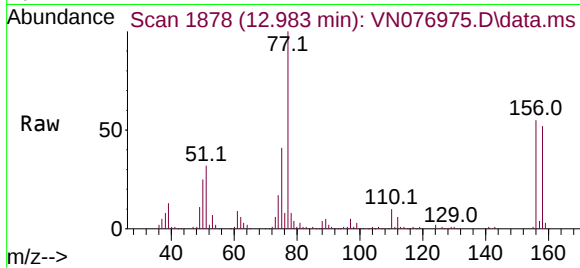
Tgt Ion: 75 Resp: 213681
Ion Ratio Lower Upper
75 100
77 186.6 93.8 281.4





#77
Bromobenzene
Concen: 47.067 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

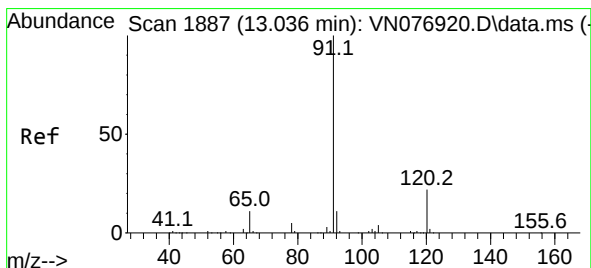
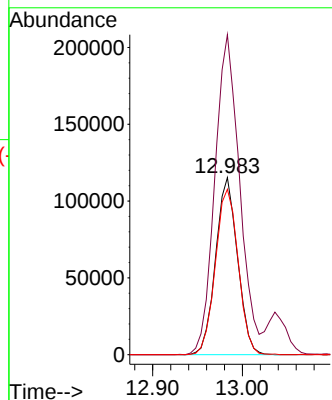
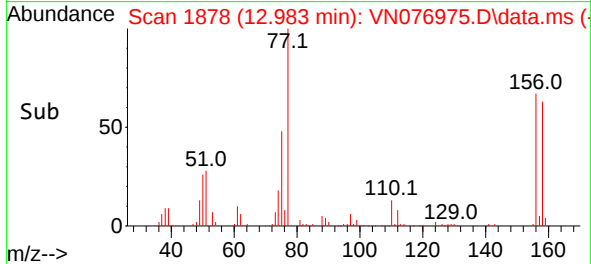
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



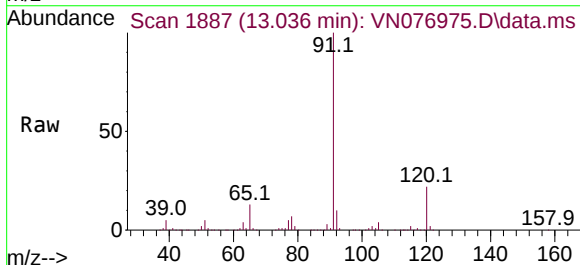
Tgt Ion:156 Resp: 195784
Ion Ratio Lower Upper
156 100
77 203.7 101.3 303.7
158 97.0 48.9 146.7

Manual Integrations
APPROVED

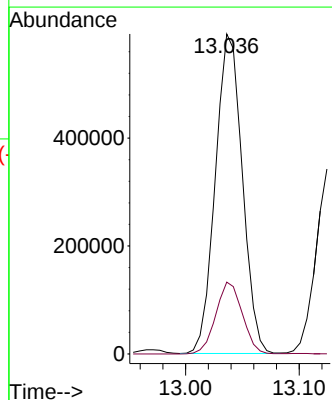
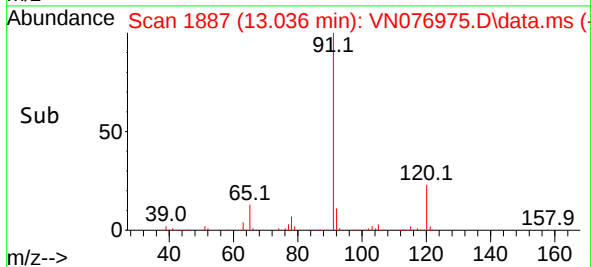
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

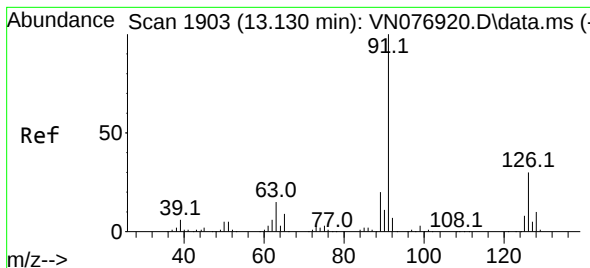


#78
n-propylbenzene
Concen: 47.116 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion: 91 Resp: 976237
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.7





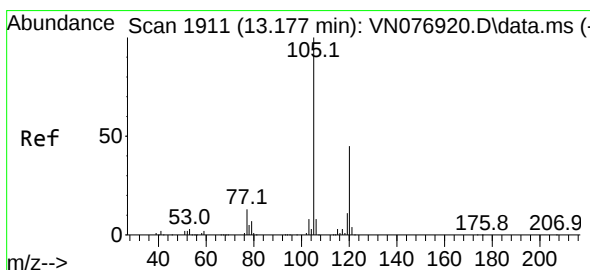
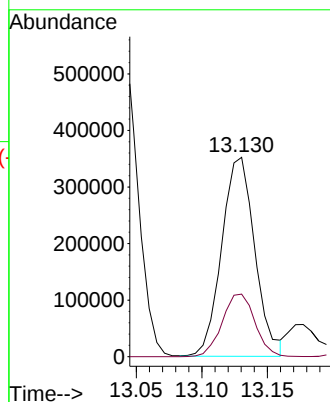
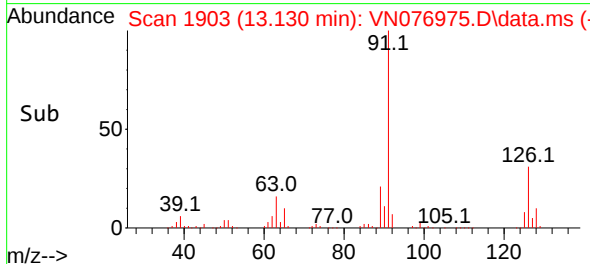
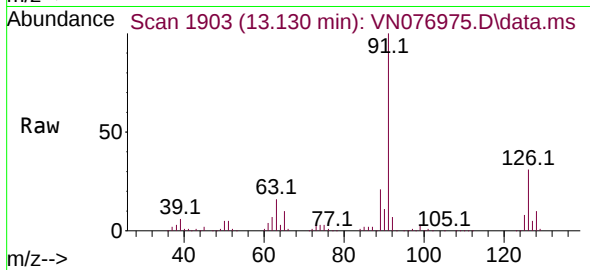
#79
2-Chlorotoluene
Concen: 46.059 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 618879
Ion Ratio Lower Upper
91 100
126 31.2 17.7 53.1

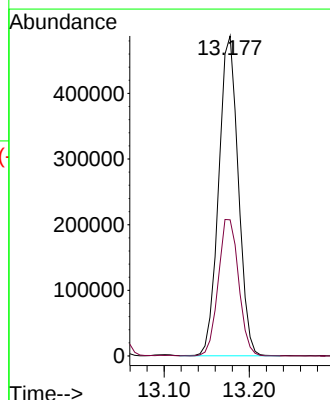
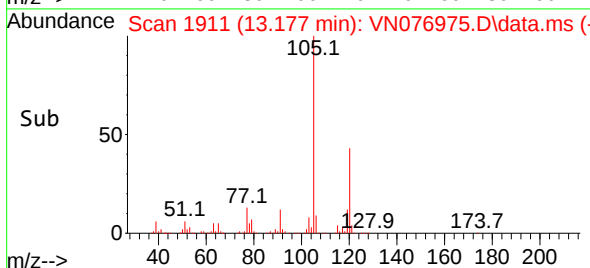
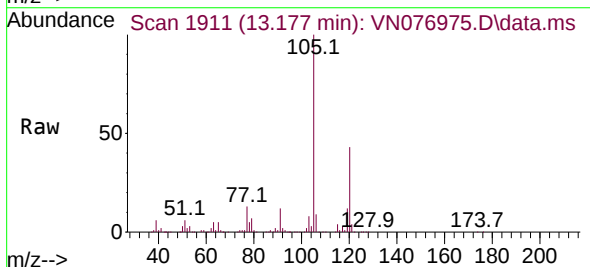
Manual Integrations
APPROVED

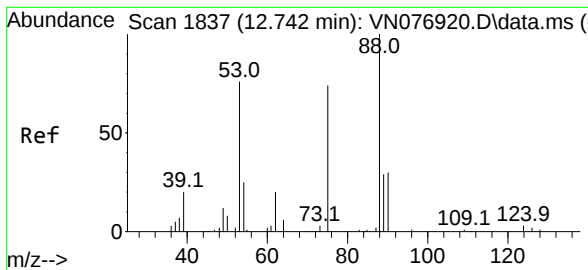
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.951 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Tgt Ion:105 Resp: 775863
Ion Ratio Lower Upper
105 100
120 44.6 25.2 75.6





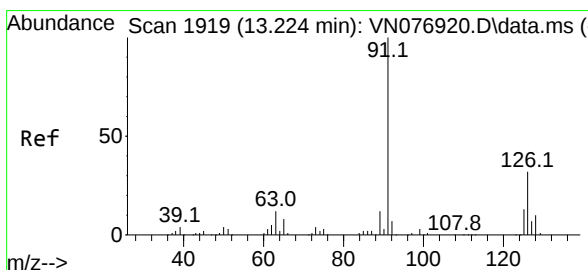
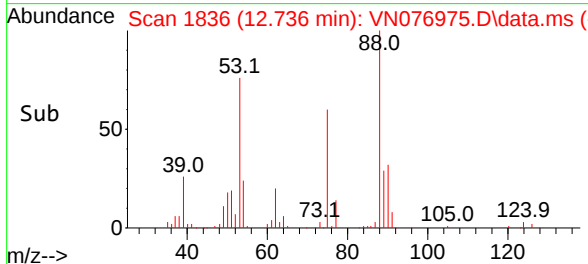
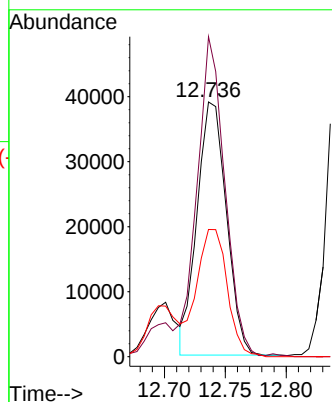
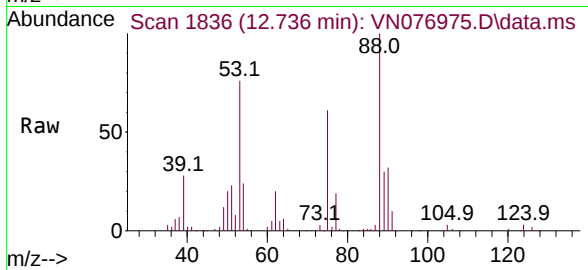
#81
trans-1,4-Dichloro-2-butene
Concen: 42.034 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 65140
Ion Ratio Lower Upper
75 100
53 132.8 67.4 101.0
89 52.8 39.5 59.3

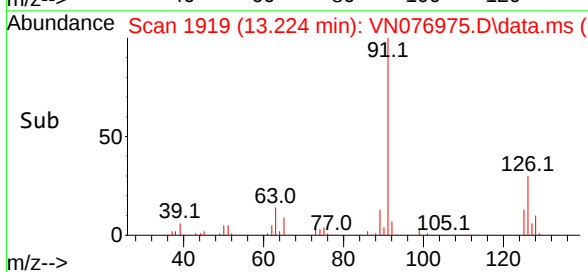
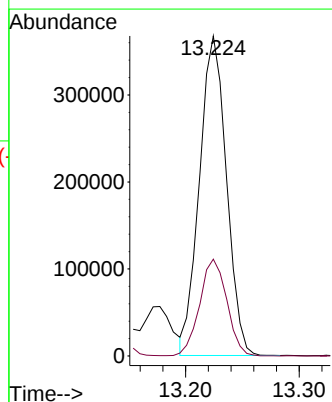
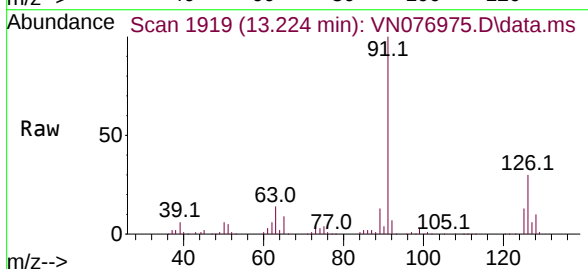
Manual Integrations
APPROVED

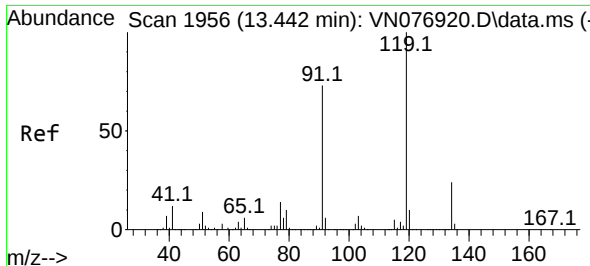
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#82
4-Chlorotoluene
Concen: 47.794 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

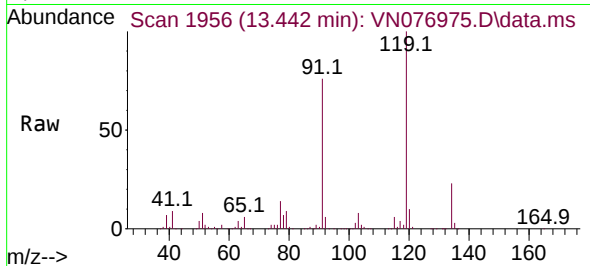
Tgt Ion: 91 Resp: 606810
Ion Ratio Lower Upper
91 100
126 30.5 18.0 54.0





#83
tert-Butylbenzene
Concen: 49.246 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

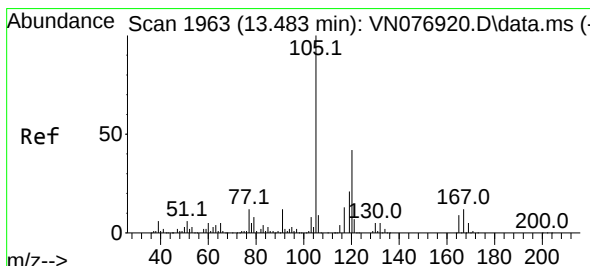
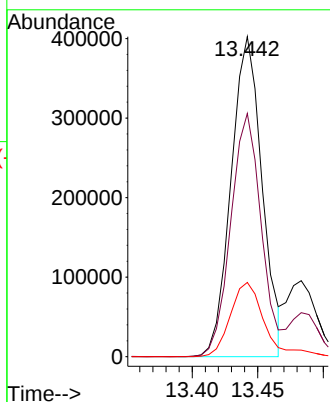
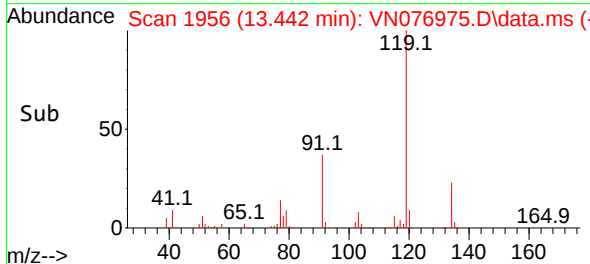
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



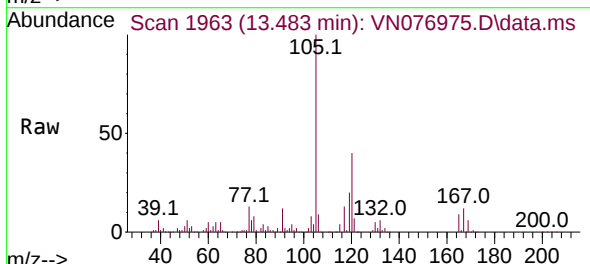
Tgt Ion:119 Resp: 66311
Ion Ratio Lower Upper
119 100
91 76.0 31.9 95.5
134 25.6 13.8 41.4

Manual Integrations
APPROVED

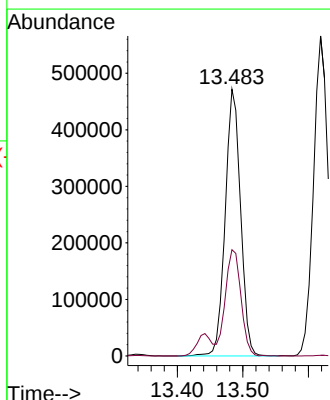
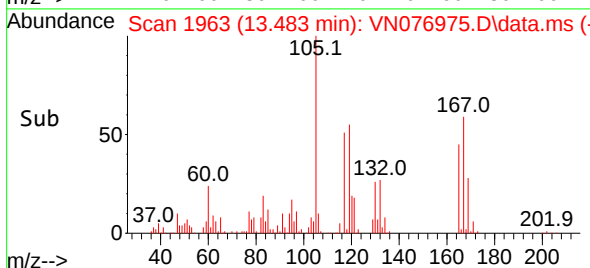
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

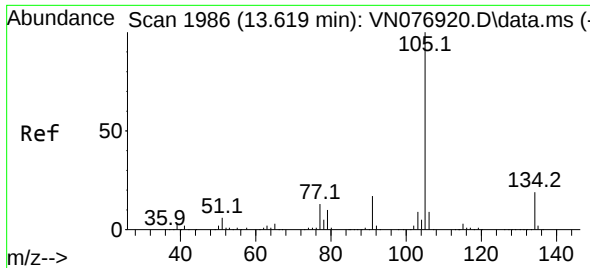


#84
1,2,4-Trimethylbenzene
Concen: 48.283 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



Tgt Ion:105 Resp: 765646
Ion Ratio Lower Upper
105 100
120 40.3 23.6 70.8





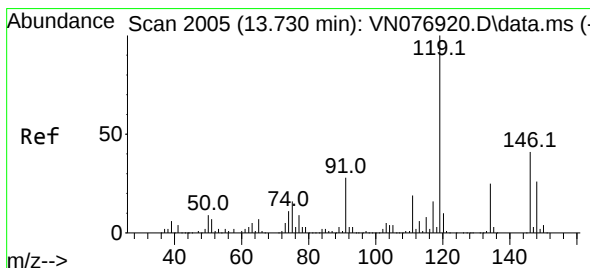
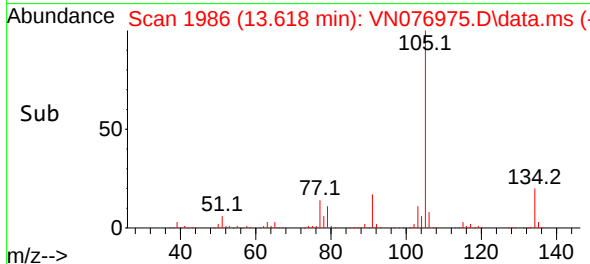
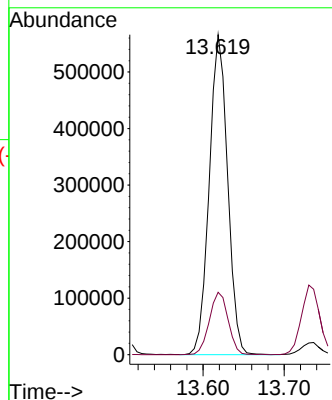
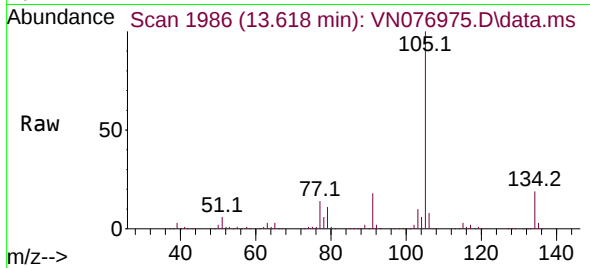
#85
 sec-Butylbenzene
 Concen: 48.177 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 889215
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.2

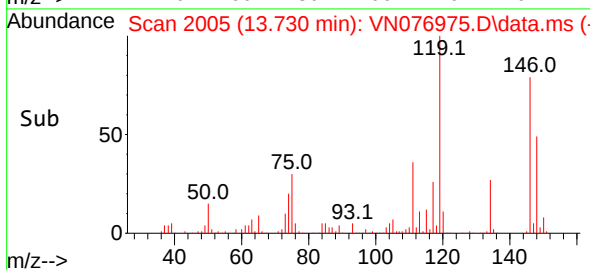
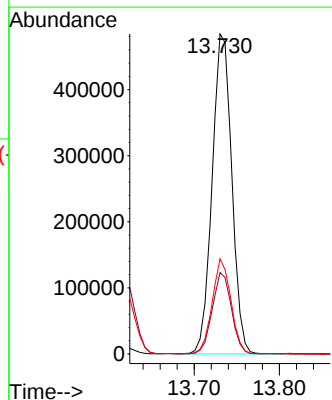
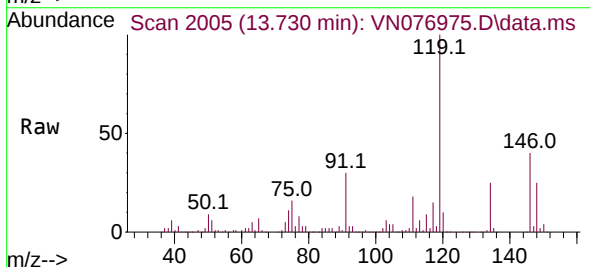
Manual Integrations
 APPROVED

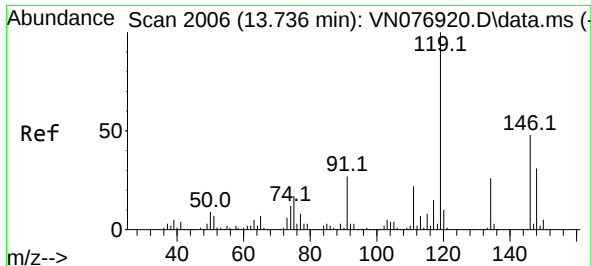
Reviewed By :John Carbone 03/14/2023
 Supervised By :Mahesh Dadoda 03/14/2023



#86
 p-Isopropyltoluene
 Concen: 52.008 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076975.D
 Acq: 13 Mar 2023 20:34

Tgt Ion:119 Resp: 775178
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.5 40.5
 91 28.2 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.199 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 365390

Ion Ratio Lower Upper

146 100

111 44.3 20.4 61.2

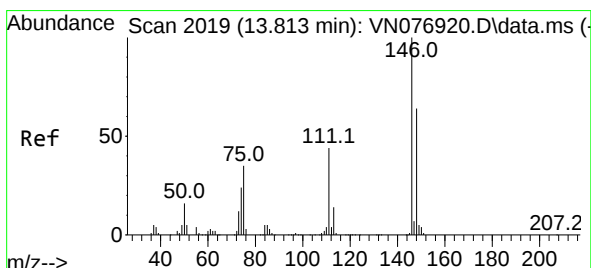
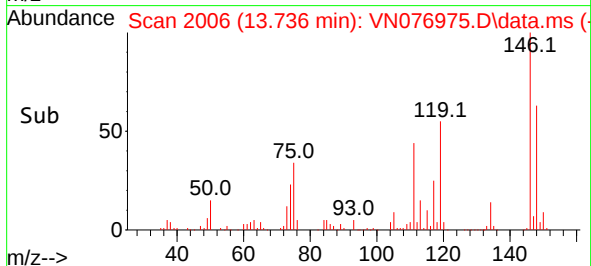
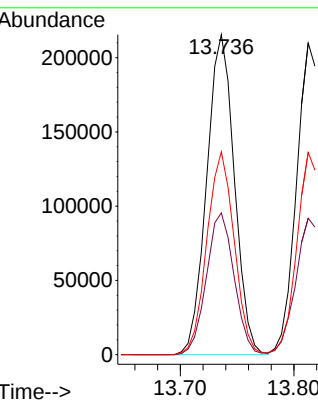
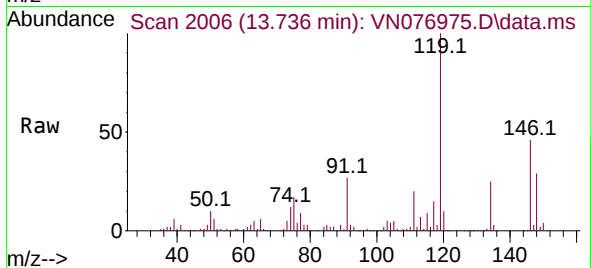
148 62.6 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/14/2023



#88

1,4-Dichlorobenzene

Concen: 46.246 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076975.D

Acq: 13 Mar 2023 20:34

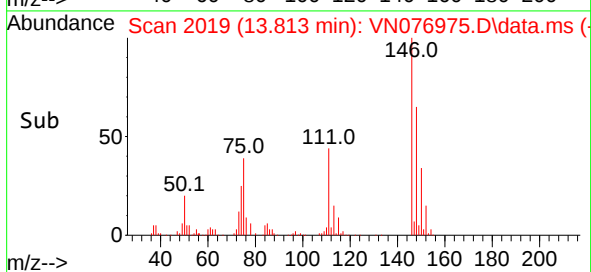
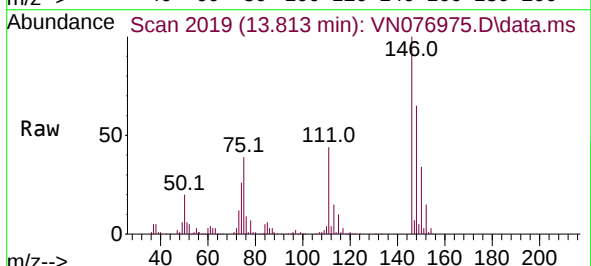
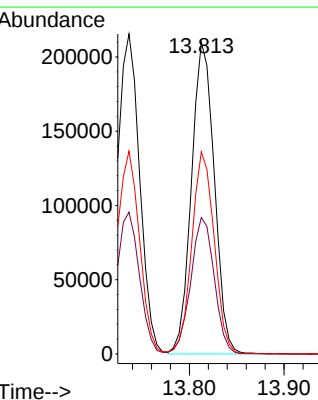
Tgt Ion:146 Resp: 351692

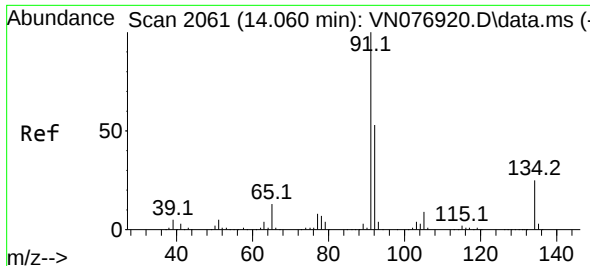
Ion Ratio Lower Upper

146 100

111 44.7 20.0 60.0

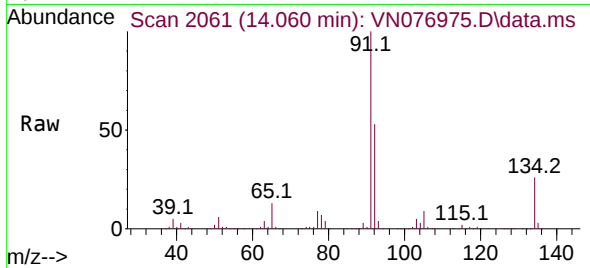
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 49.397 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

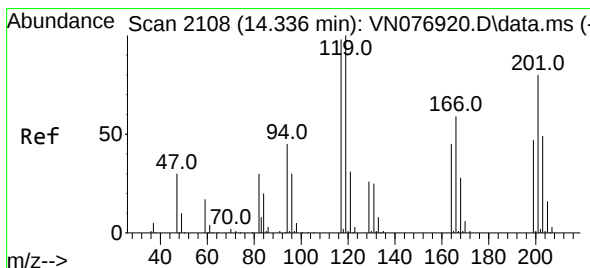
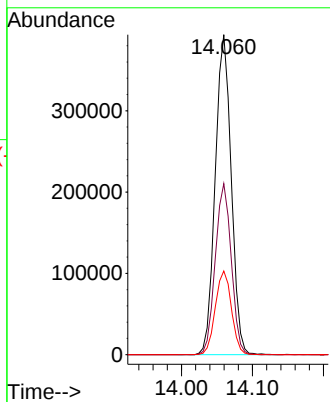
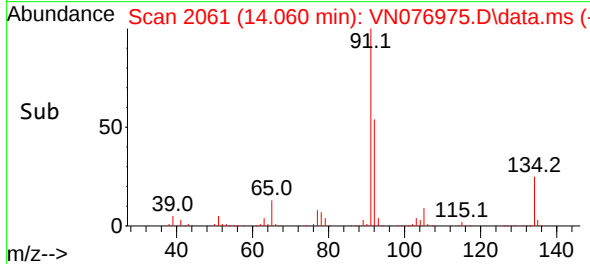
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 614380
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 26.4 13.6 40.7

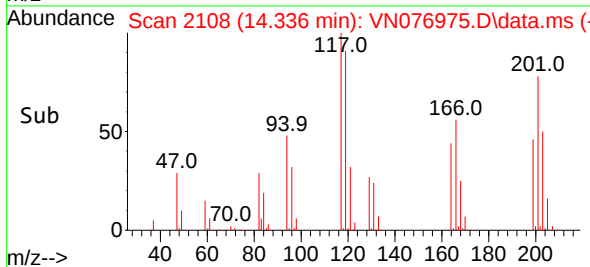
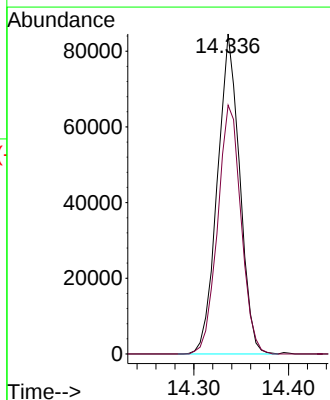
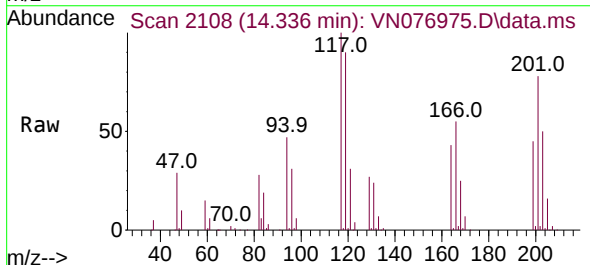
Manual Integrations
APPROVED

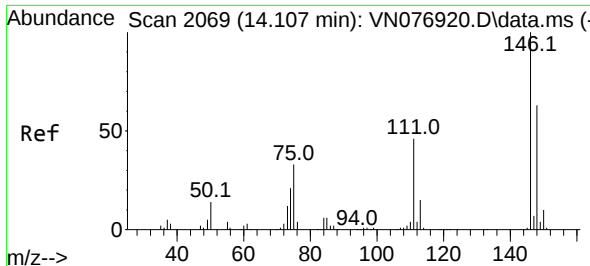
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#90
Hexachloroethane
Concen: 48.390 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

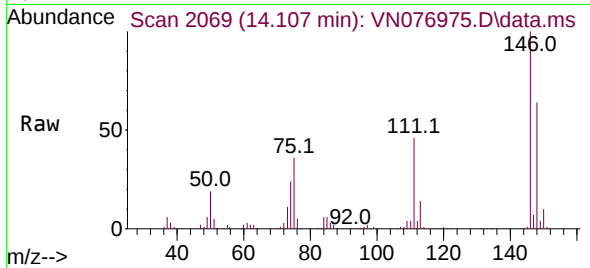
Tgt Ion:117 Resp: 138589
Ion Ratio Lower Upper
117 100
201 81.3 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 47.531 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

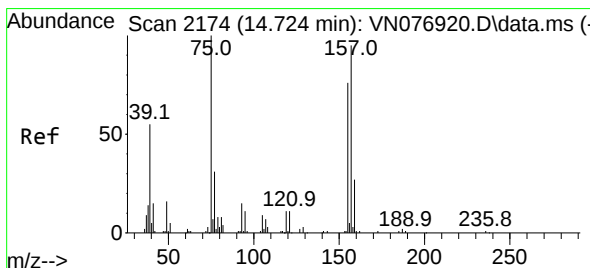
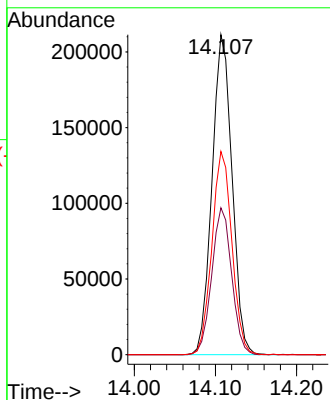
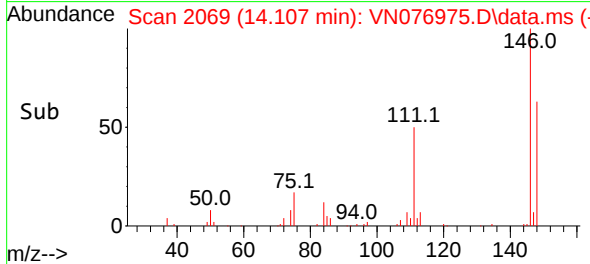
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 361984
Ion Ratio Lower Upper
146 100
111 45.6 21.4 64.2
148 63.5 32.0 96.0

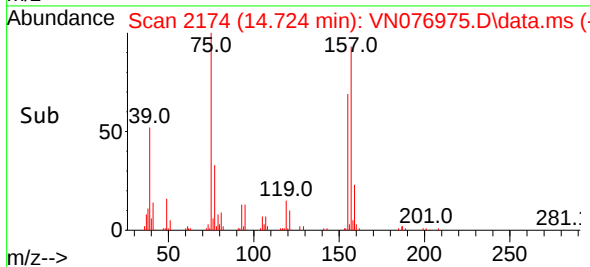
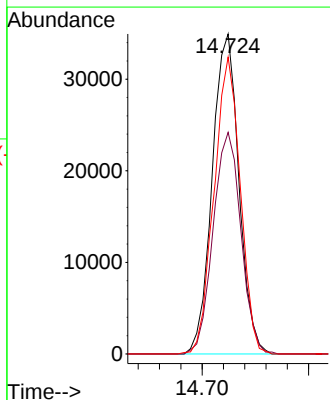
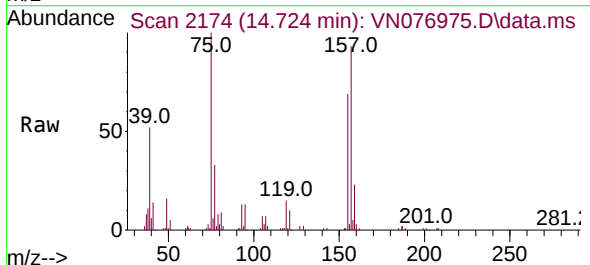
Manual Integrations
APPROVED

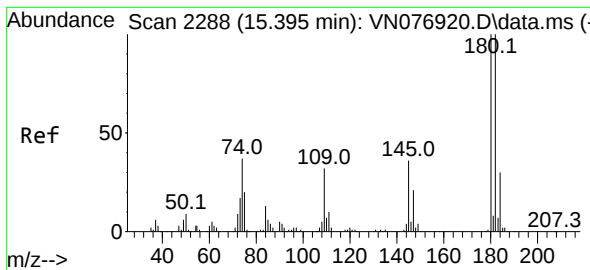
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.160 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

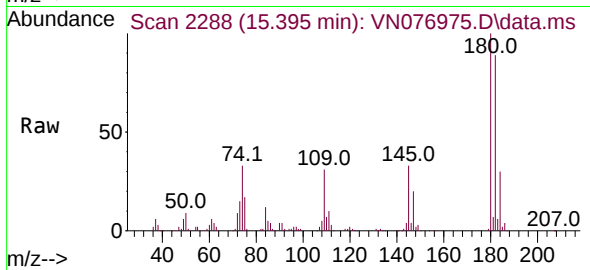
Tgt Ion: 75 Resp: 60633
Ion Ratio Lower Upper
75 100
155 72.2 44.3 132.8
157 91.2 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 50.891 ug/l
RT: 15.395 min Scan# 215438
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

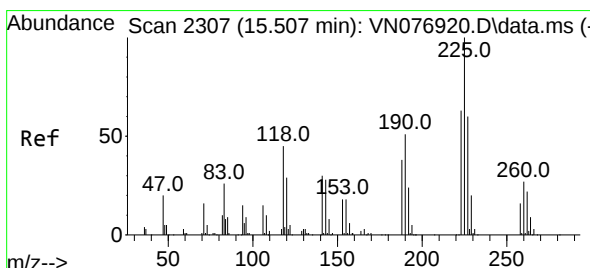
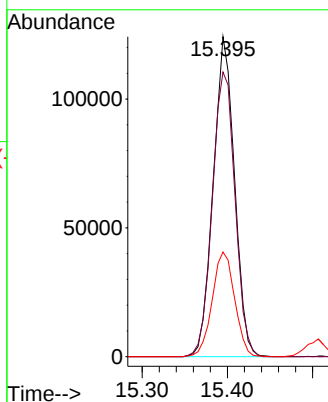
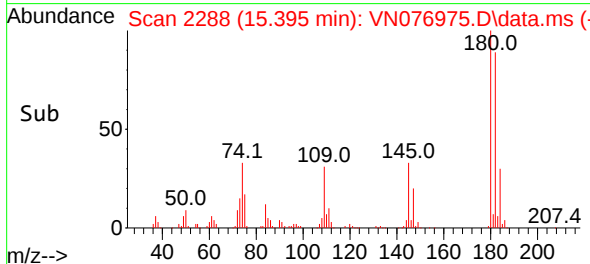
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



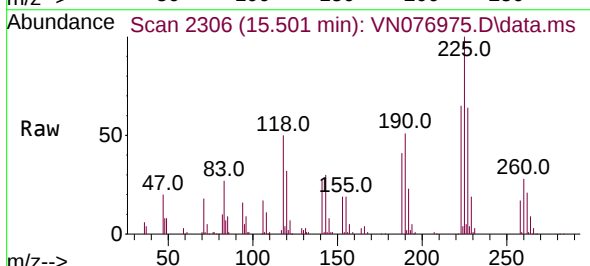
Tgt Ion:180 Resp: 215438
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 34.5 15.8 47.3

Manual Integrations
APPROVED

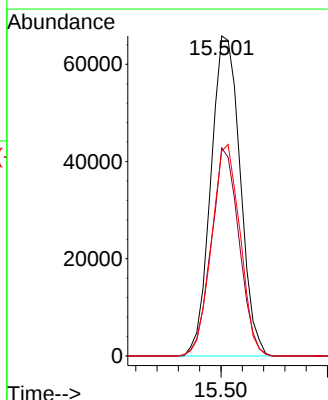
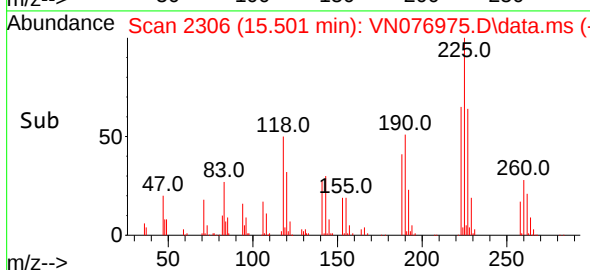
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023

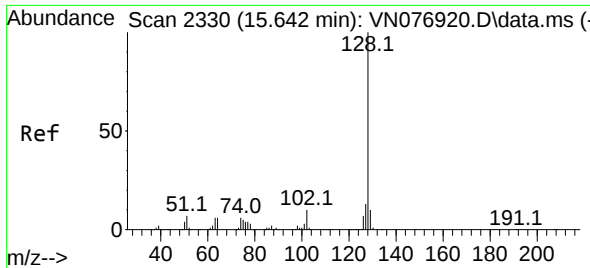


#94
Hexachlorobutadiene
Concen: 55.629 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34



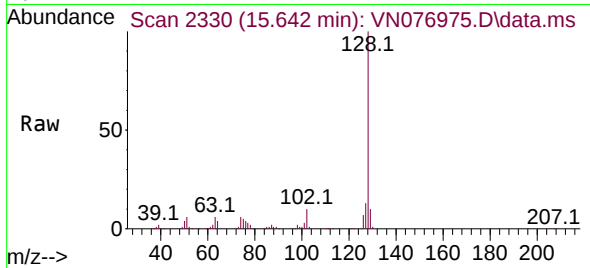
Tgt Ion:225 Resp: 125466
Ion Ratio Lower Upper
225 100
223 61.9 31.4 94.0
227 64.3 30.9 92.7





#95
Naphthalene
Concen: 50.502 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

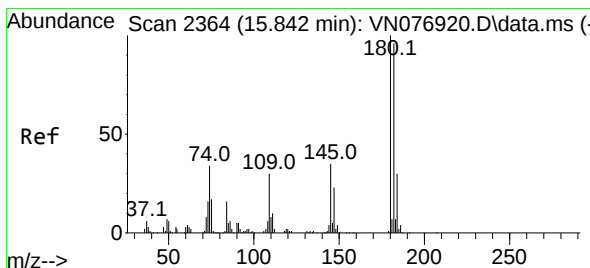
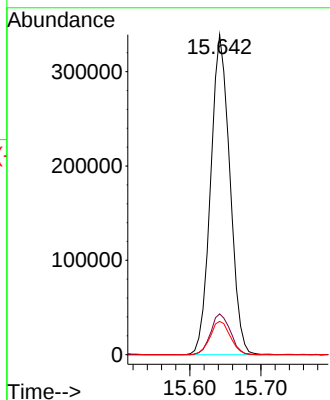
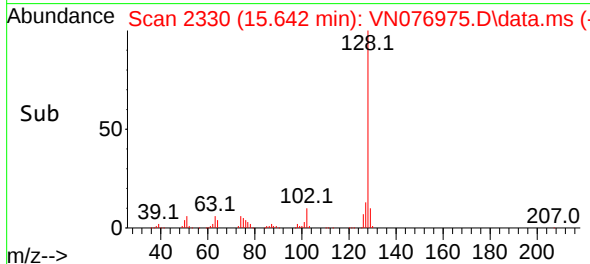
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 63649
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.294 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076975.D
Acq: 13 Mar 2023 20:34

Tgt Ion:180 Resp: 210858
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 35.8 17.0 51.0

