

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076979.D
 Acq On : 14 Mar 2023 13:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:20:55 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	276982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	419136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	373588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	181932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	203958	49.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.680%		
35) Dibromofluoromethane	8.172	113	135526	48.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.572	98	482411	46.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.854	95	192815	51.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	104344	20.915	ug/l	100
3) Chloromethane	2.378	50	35420	13.120	ug/l	100
4) Vinyl Chloride	2.531	62	40597	16.200	ug/l	91
5) Bromomethane	2.966	94	38399	20.832	ug/l	94
6) Chloroethane	3.131	64	26330	16.551	ug/l	96
7) Trichlorofluoromethane	3.513	101	140925	21.673	ug/l	96
8) Diethyl Ether	3.978	74	34537	16.509	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	58785	17.695	ug/l	90
10) Methyl Iodide	4.607	142	55719	16.025	ug/l #	76
11) Tert butyl alcohol	5.531	59	51619	89.774	ug/l	99
12) 1,1-Dichloroethene	4.360	96	50402	16.463	ug/l #	82
13) Acrolein	4.202	56	31035	60.049	ug/l	99
14) Allyl chloride	5.049	41	63134	14.374	ug/l	89
15) Acrylonitrile	5.731	53	113059	69.574	ug/l	95
16) Acetone	4.437	43	138685	96.828	ug/l #	87
17) Carbon Disulfide	4.725	76	132645	15.640	ug/l	100
18) Methyl Acetate	5.037	43	72308	13.689	ug/l	95
19) Methyl tert-butyl Ether	5.813	73	208946	19.193	ug/l	94
20) Methylene Chloride	5.284	84	58497	15.884	ug/l	94
21) trans-1,2-Dichloroethene	5.801	96	57162	17.612	ug/l	93
22) Diisopropyl ether	6.684	45	143408	14.758	ug/l	97
23) Vinyl Acetate	6.613	43	471618	78.815	ug/l	98
24) 1,1-Dichloroethane	6.584	63	101357	16.330	ug/l	98
25) 2-Butanone	7.490	43	154655	75.921	ug/l	93
26) 2,2-Dichloropropane	7.501	77	117828	21.451	ug/l	94
27) cis-1,2-Dichloroethene	7.495	96	66919	17.867	ug/l	89
28) Bromochloromethane	7.819	49	38881	17.317	ug/l	92
29) Tetrahydrofuran	7.843	42	89132	70.593	ug/l	99
30) Chloroform	7.972	83	127348	19.095	ug/l	99
31) Cyclohexane	8.266	56	85396	14.400	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	137186	21.941	ug/l	94
36) 1,1-Dichloropropene	8.372	75	87066	20.153	ug/l	94
37) Ethyl Acetate	7.572	43	62006	17.947	ug/l	96
38) Carbon Tetrachloride	8.372	117	126952	25.107	ug/l	98
39) Methylcyclohexane	9.607	83	100819	19.224	ug/l	94
40) Benzene	8.613	78	232197	18.233	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	33955	16.516	ug/l	90
42) 1,2-Dichloroethane	8.678	62	111846	22.517	ug/l	92
43) Isopropyl Acetate	8.695	43	107907	17.693	ug/l	95
44) Trichloroethene	9.354	130	67091	20.386	ug/l	95
45) 1,2-Dichloropropane	9.625	63	52415	16.729	ug/l	99
46) Dibromomethane	9.713	93	44501	20.336	ug/l	92
47) Bromodichloromethane	9.889	83	101356	21.833	ug/l	97
48) Methyl methacrylate	9.689	41	51499	17.233	ug/l	87
49) 1,4-Dioxane	9.695	88	21784	384.982	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	309040	84.350	ug/l	94
52) Toluene	10.631	92	156205	19.930	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	100426	21.699	ug/l	94
54) cis-1,3-Dichloropropene	10.319	75	100419	19.757	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	59433	19.490	ug/l	92
56) Ethyl methacrylate	10.878	69	89127	19.269	ug/l #	84
57) 1,3-Dichloropropane	11.166	76	98924	18.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	109985	74.673	ug/l	96
59) 2-Hexanone	11.195	43	234447	87.762	ug/l	90
60) Dibromochloromethane	11.360	129	76629	22.808	ug/l	99
61) 1,2-Dibromoethane	11.472	107	61301	20.057	ug/l	96
64) Tetrachloroethene	11.107	164	69138	22.866	ug/l	96
65) Chlorobenzene	11.895	112	162162	19.406	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	73432	22.510	ug/l	92
67) Ethyl Benzene	11.966	91	315174	20.511	ug/l	94
68) m/p-Xylenes	12.072	106	232401	40.240	ug/l	83
69) o-Xylene	12.401	106	115760	20.646	ug/l	81
70) Styrene	12.413	104	187356	20.684	ug/l #	87
71) Bromoform	12.583	173	56575	23.931	ug/l #	99
73) Isopropylbenzene	12.695	105	324037	19.988	ug/l	95
74) N-amyl acetate	12.495	43	87621	16.324	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	74683	15.656	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	97774m	22.167	ug/l	
77) Bromobenzene	12.983	156	73805	20.365	ug/l	100
78) n-propylbenzene	13.036	91	355388	19.686	ug/l	98
79) 2-Chlorotoluene	13.130	91	229406	19.596	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	285307	20.660	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.742	75	28754	21.294	ug/l	91
82) 4-Chlorotoluene	13.225	91	224189	20.267	ug/l	93
83) tert-Butylbenzene	13.442	119	243636	20.767	ug/l	88
84) 1,2,4-Trimethylbenzene	13.483	105	286654	20.748	ug/l	91
85) sec-Butylbenzene	13.619	105	323307	20.105	ug/l	99
86) p-Isopropyltoluene	13.730	119	284093	21.877	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	134211	20.319	ug/l	97
88) 1,4-Dichlorobenzene	13.819	146	132317	19.970	ug/l	95
89) n-Butylbenzene	14.060	91	215561	19.892	ug/l	99
90) Hexachloroethane	14.336	117	50826	20.369	ug/l	74
91) 1,2-Dichlorobenzene	14.107	146	130308	19.639	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	23192	22.021	ug/l	77
93) 1,2,4-Trichlorobenzene	15.395	180	78273	21.222	ug/l	97
94) Hexachlorobutadiene	15.507	225	49028	24.950	ug/l	99
95) Naphthalene	15.642	128	226533	20.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	77288	21.580	ug/l	98

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

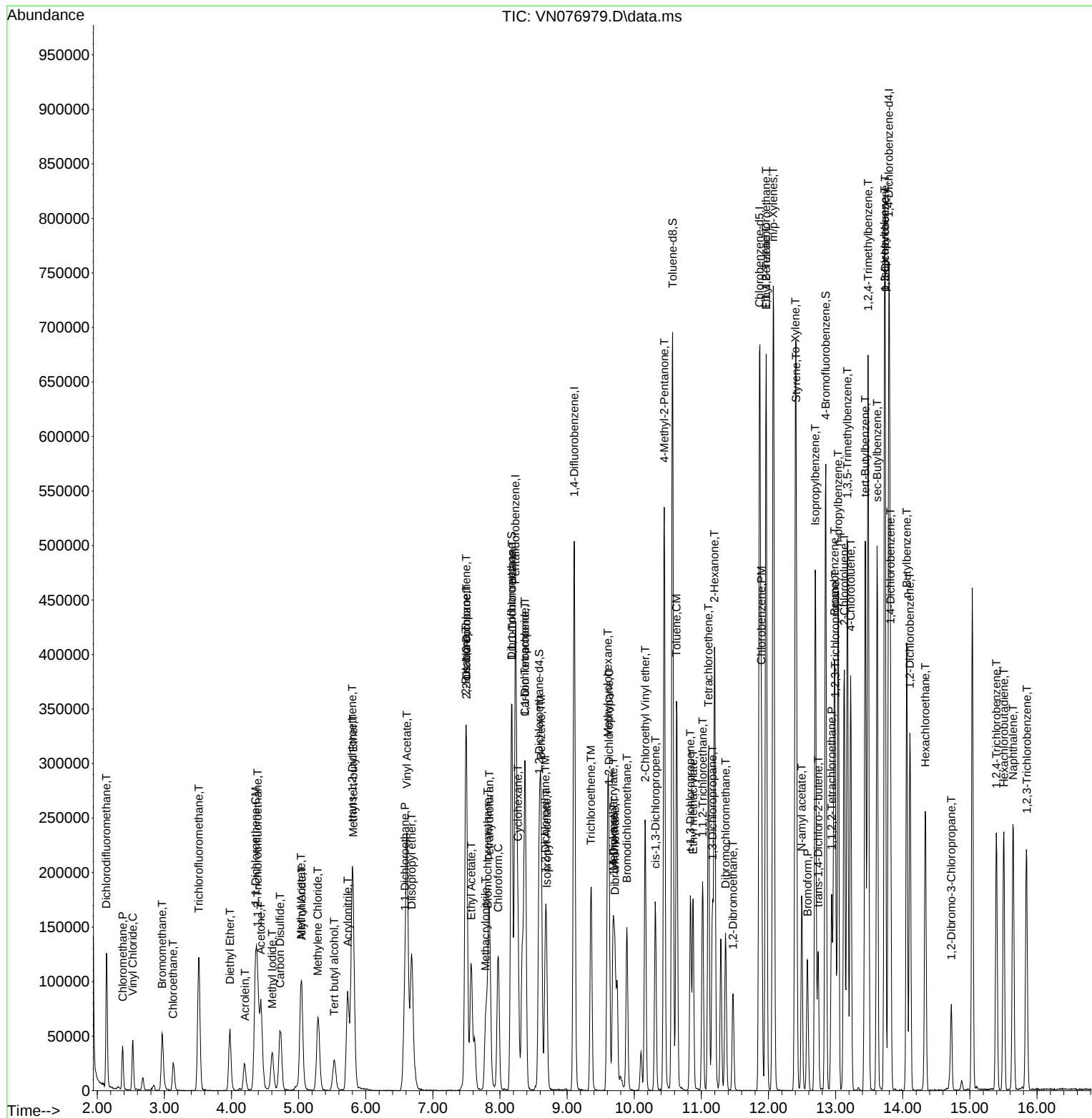
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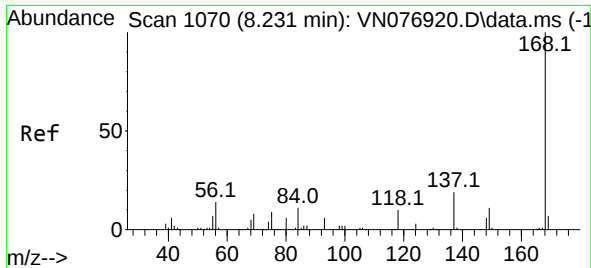
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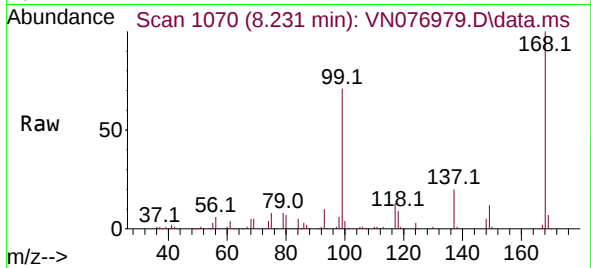
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076979.D
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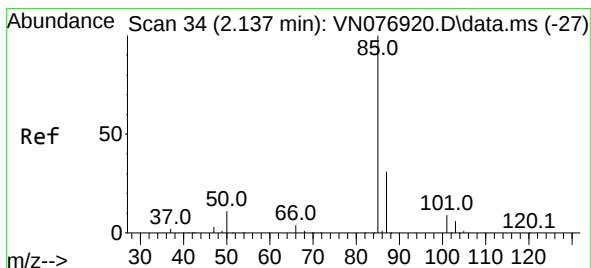
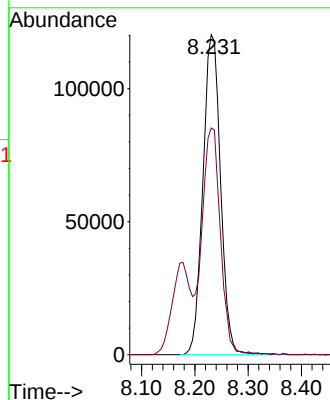
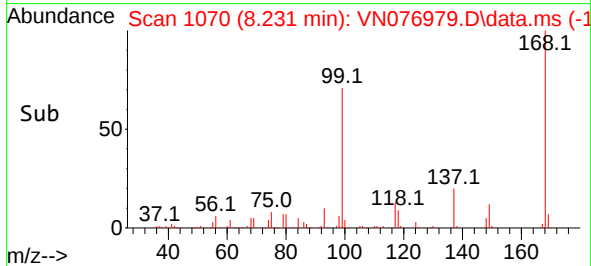
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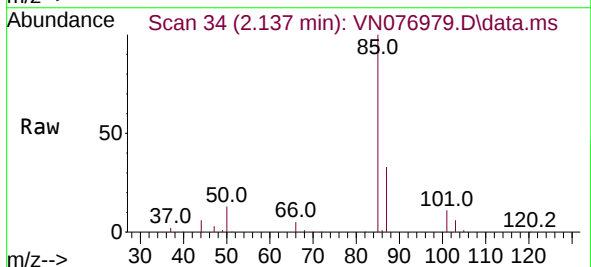
Tgt Ion:168 Resp: 27698
Ion Ratio Lower Upper
168 100
99 70.9 48.6 73.0

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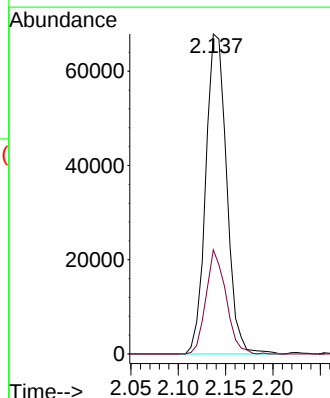
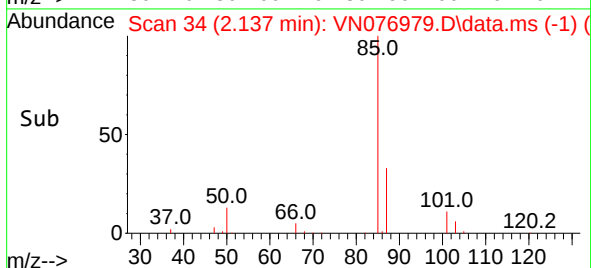
Reviewed By :John Carlone 03/15/2023
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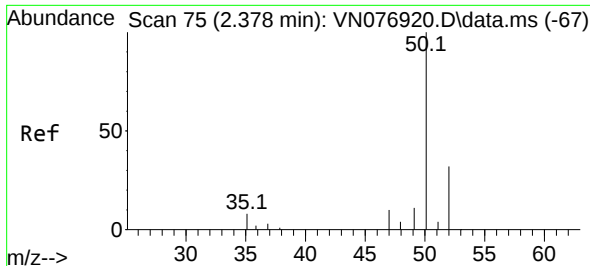


#2
Dichlorodifluoromethane
Concen: 20.915 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



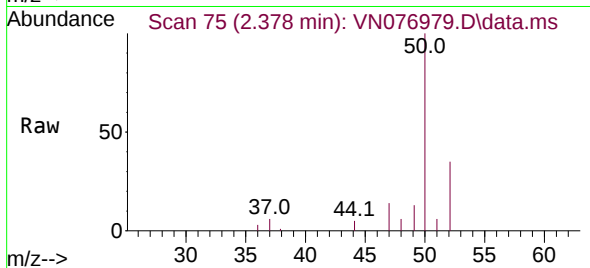
Tgt Ion: 85 Resp: 104344
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 13.120 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

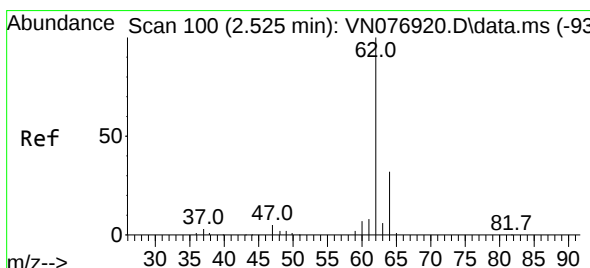
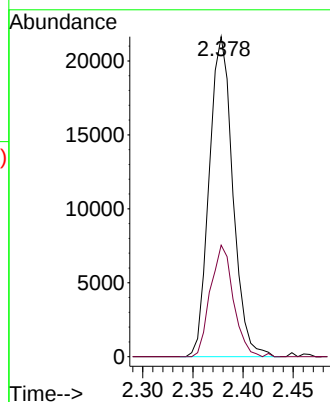
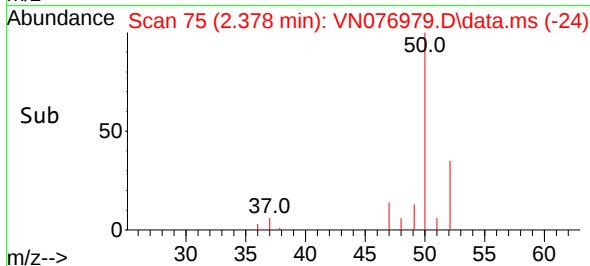
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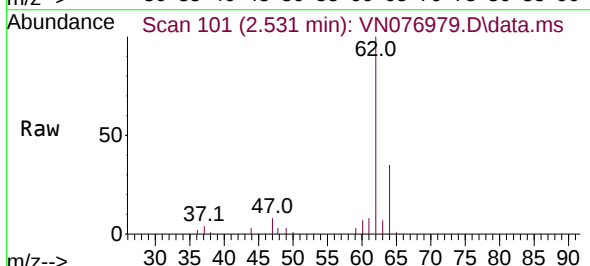
Tgt Ion: 50 Resp: 35420
Ion Ratio Lower Upper
50 100
52 34.8 27.9 41.9

Manual Integrations
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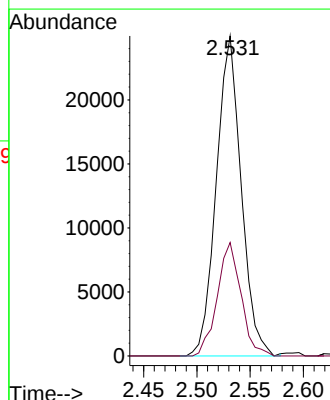
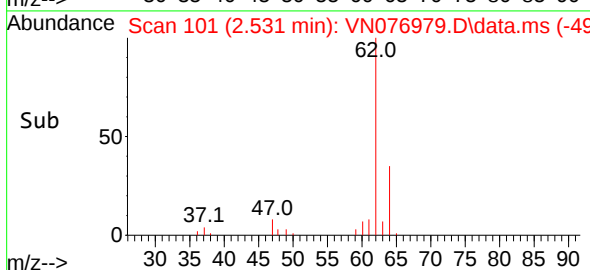
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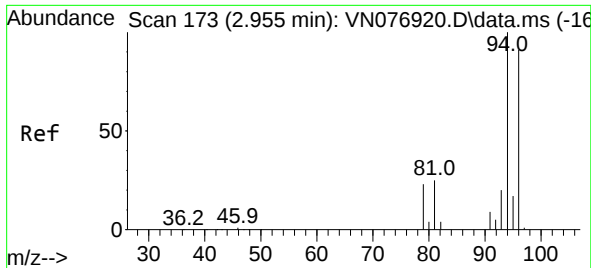


#4
Vinyl Chloride
Concen: 16.200 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



Tgt Ion: 62 Resp: 40597
Ion Ratio Lower Upper
62 100
64 35.4 24.5 36.7





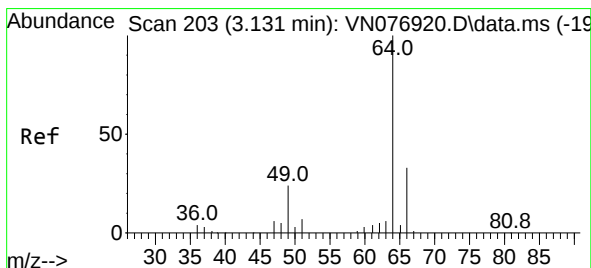
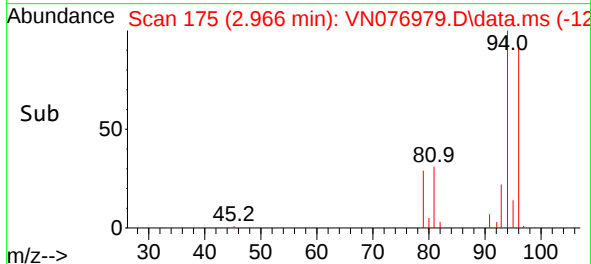
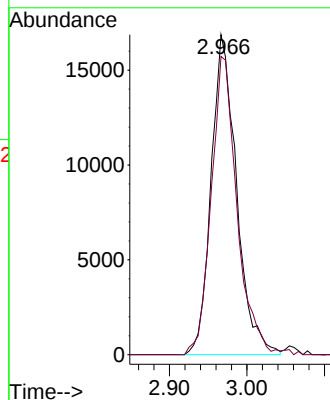
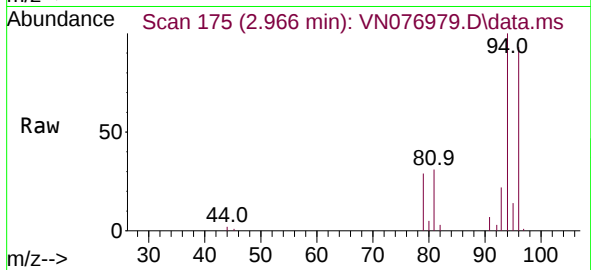
#5
Bromomethane
Concen: 20.832 ug/l
RT: 2.966 min Scan# 173
Delta R.T. 0.011 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 38399
Ion Ratio Lower Upper
94 100
96 93.2 79.0 118.6

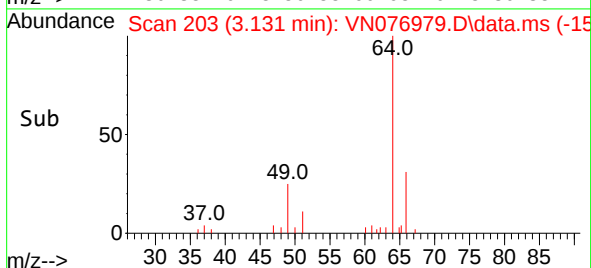
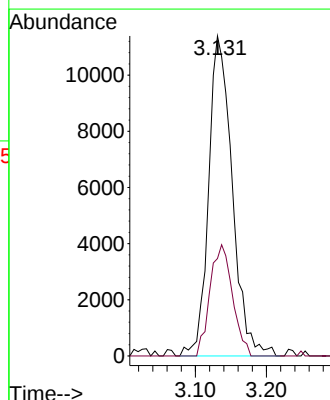
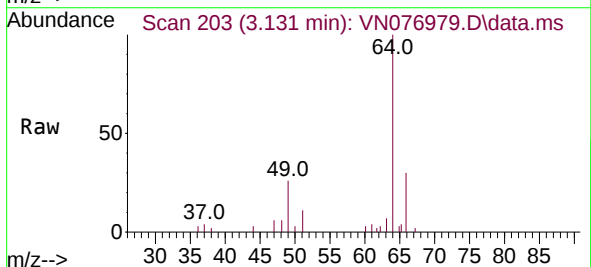
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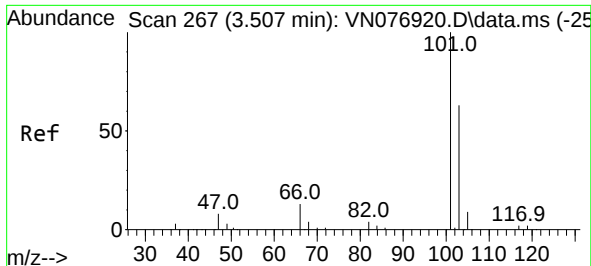
Reviewed By :John Carlone 03/15/2023
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#6
Chloroethane
Concen: 16.551 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

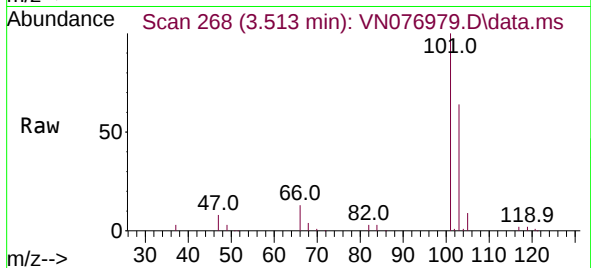
Tgt Ion: 64 Resp: 26330
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.673 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

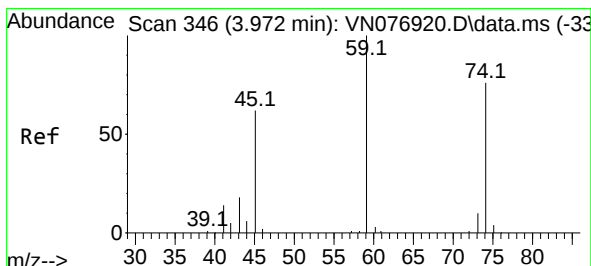
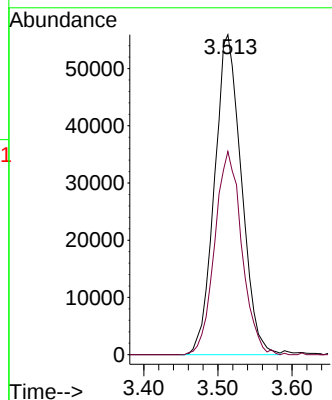
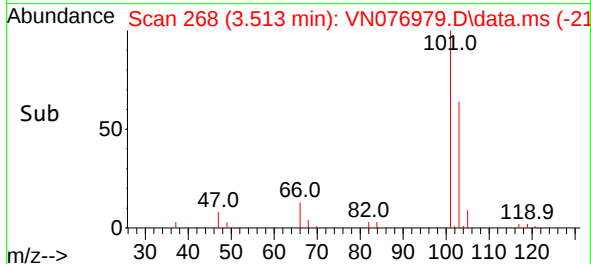
Instrument :
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Tgt Ion:101 Resp: 140925
Ion Ratio Lower Upper
101 100
103 63.5 53.4 80.0

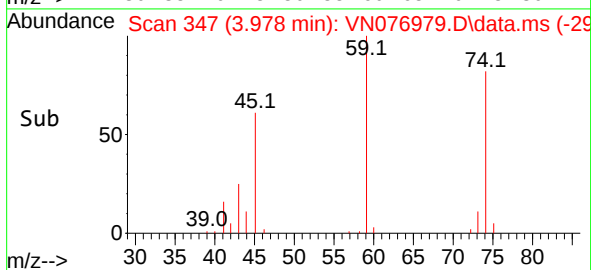
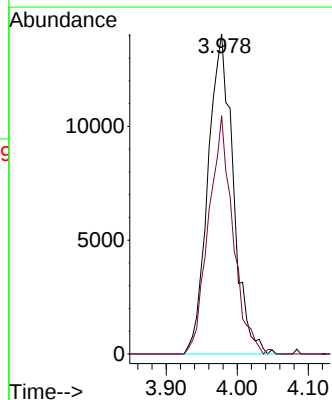
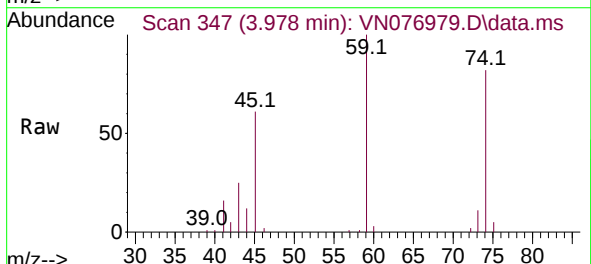
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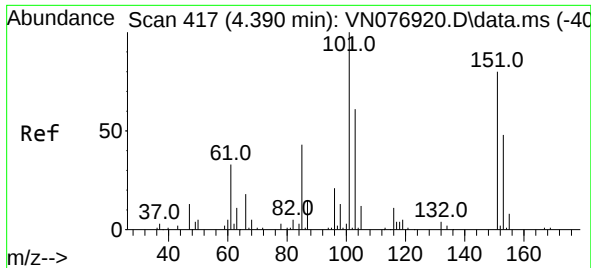
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#8
Diethyl Ether
Concen: 16.509 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 74 Resp: 34537
Ion Ratio Lower Upper
74 100
45 71.8 35.5 106.5





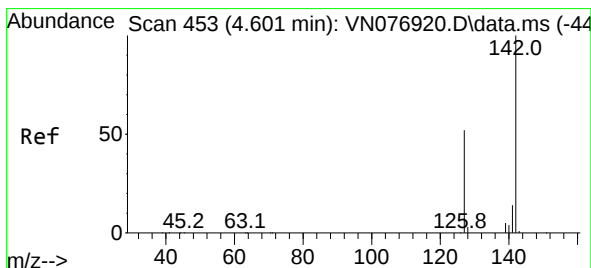
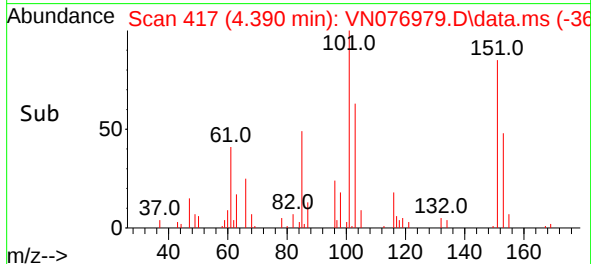
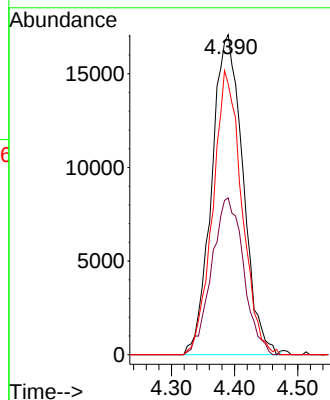
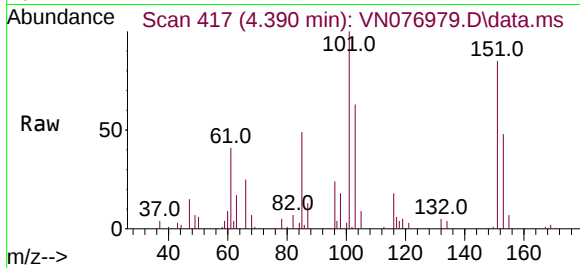
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.695 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:101 Resp: 5878
Ion Ratio Lower Upper
101 100
85 50.0 35.2 52.8
151 82.3 58.9 88.3

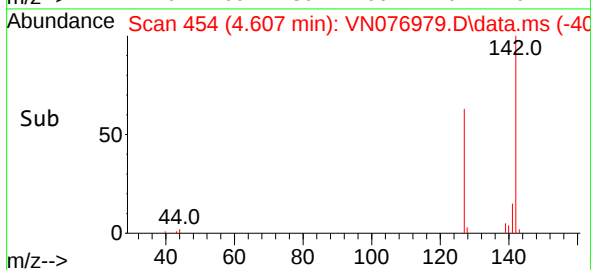
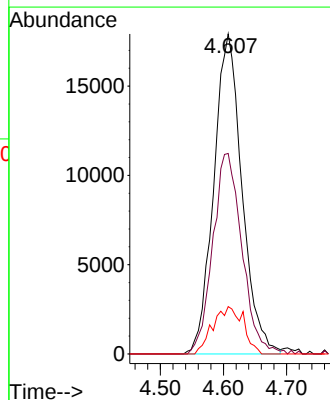
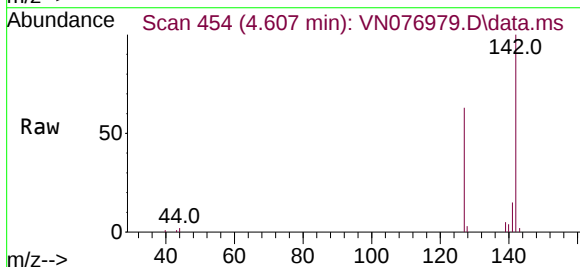
Manual Integrations
APPROVED

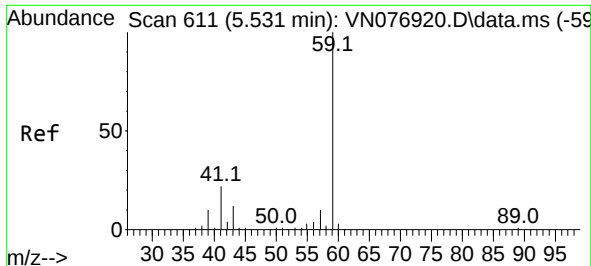
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 16.025 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion:142 Resp: 55719
Ion Ratio Lower Upper
142 100
127 62.6 35.2 52.8#
141 14.8 10.2 15.2





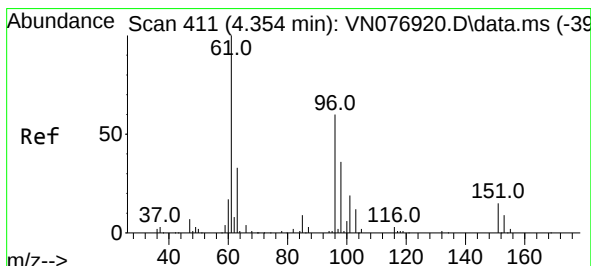
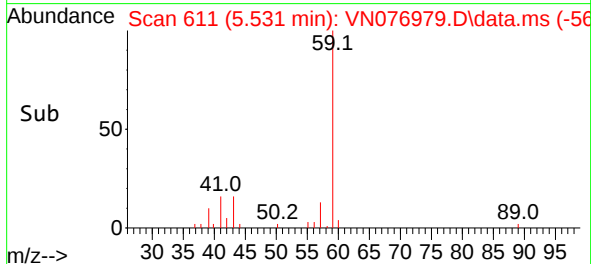
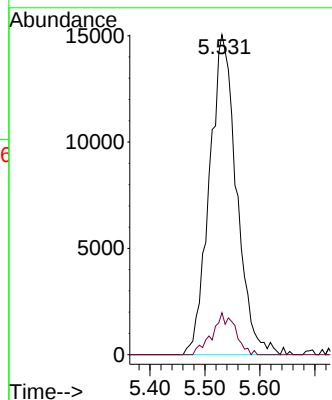
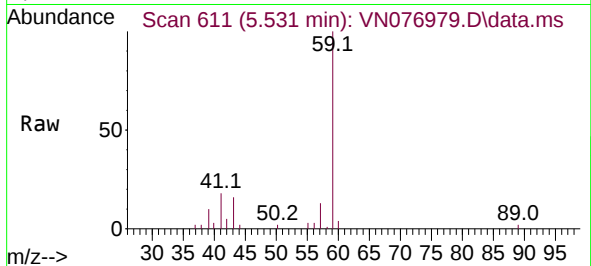
#11
Tert butyl alcohol
Concen: 89.774 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 59 Resp: 51619
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

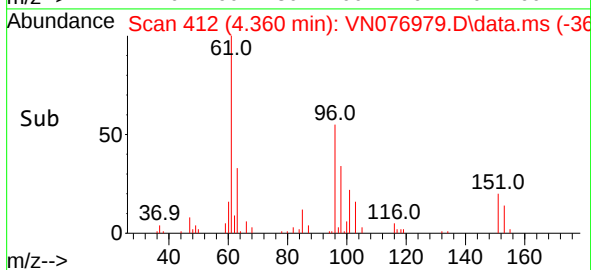
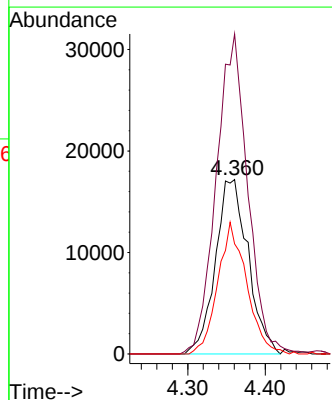
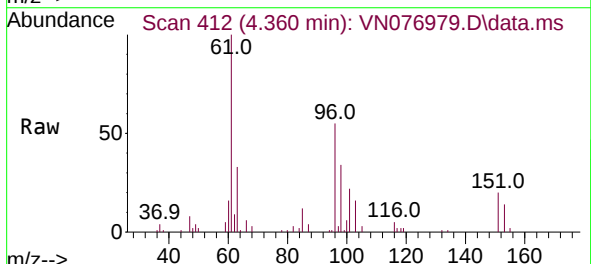
Manual Integrations
APPROVED

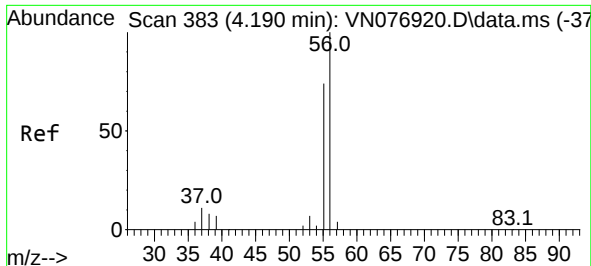
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#12
1,1-Dichloroethene
Concen: 16.463 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 96 Resp: 50402
Ion Ratio Lower Upper
96 100
61 183.4 121.3 181.9#
98 63.1 52.1 78.1





#13

Acrolein

Concen: 60.049 ug/l

RT: 4.202 min Scan# 3103

Delta R.T. 0.012 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 56 Resp: 3103

Ion Ratio Lower Upper

56 100

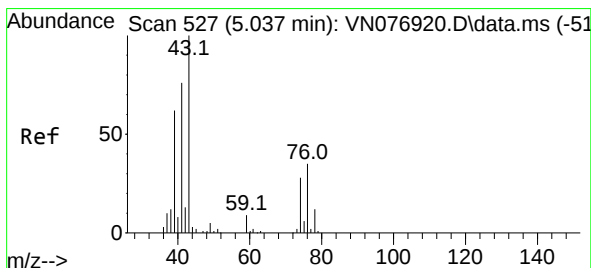
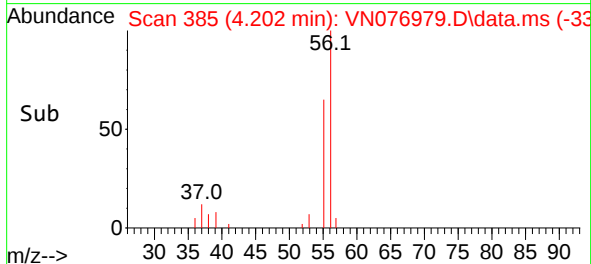
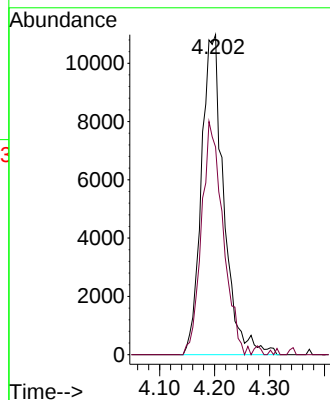
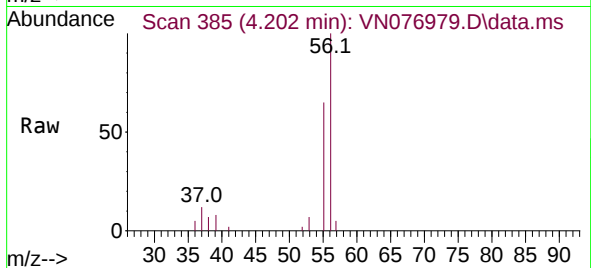
55 70.1 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#14

Allyl chloride

Concen: 14.374 ug/l

RT: 5.049 min Scan# 529

Delta R.T. 0.012 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

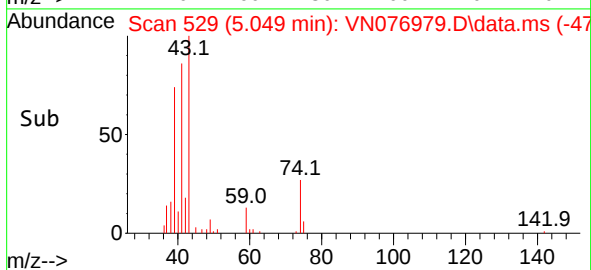
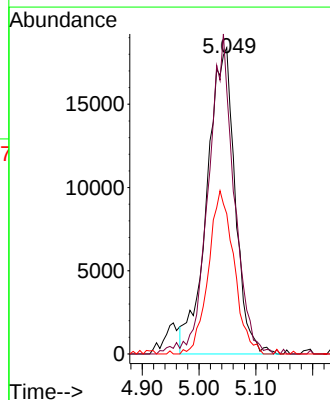
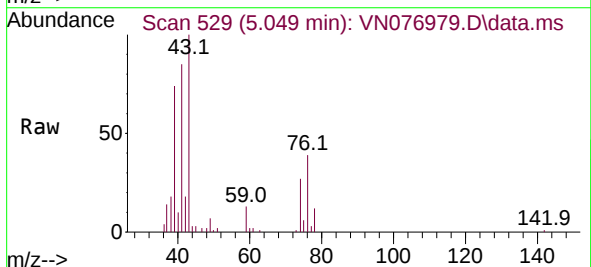
Tgt Ion: 41 Resp: 63134

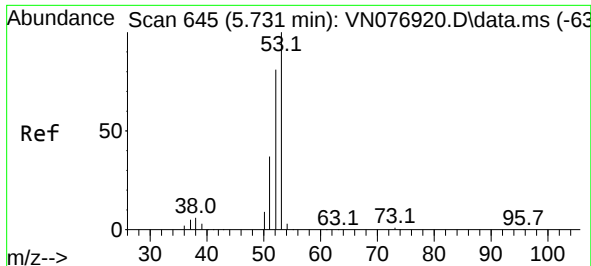
Ion Ratio Lower Upper

41 100

39 95.7 68.1 102.1

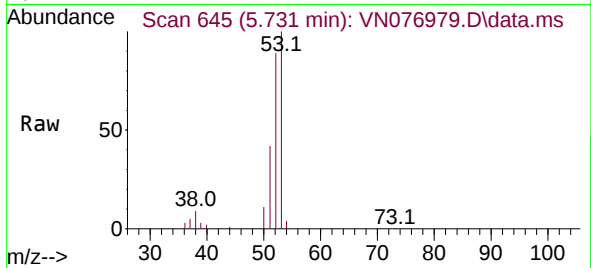
76 48.4 44.1 66.1





#15
Acrylonitrile
Concen: 69.574 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

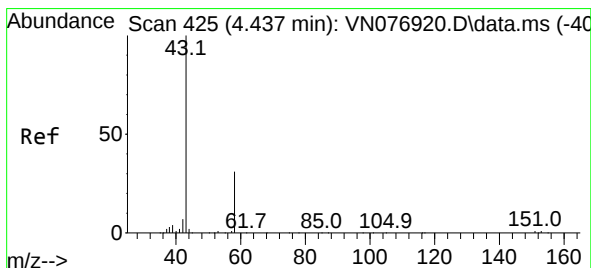
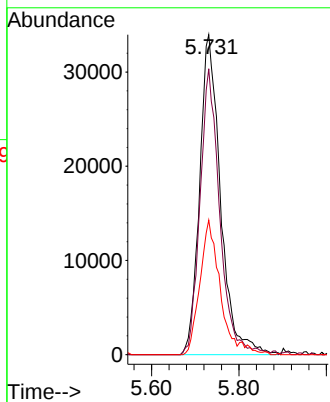
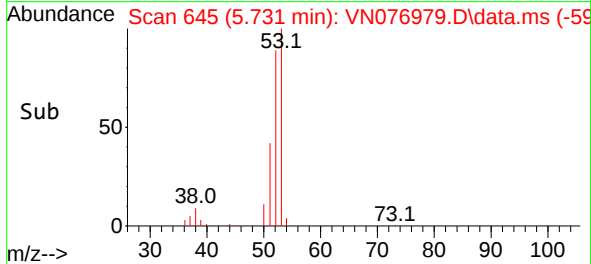
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 53 Resp: 113059
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 41.4 28.8 43.2

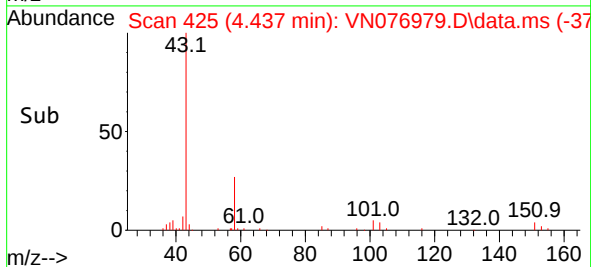
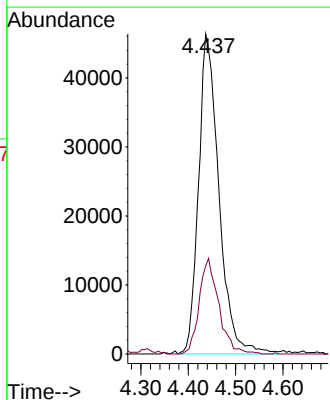
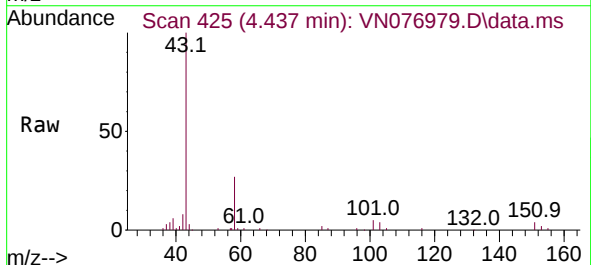
Manual Integrations
APPROVED

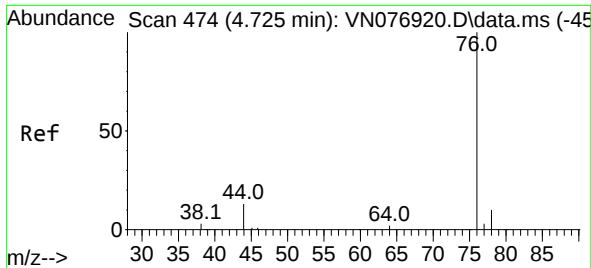
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
Acetone
Concen: 96.828 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

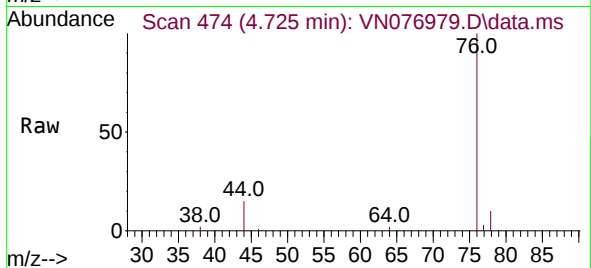
Tgt Ion: 43 Resp: 138685
Ion Ratio Lower Upper
43 100
58 27.5 28.2 42.2#





#17
Carbon Disulfide
Concen: 15.640 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

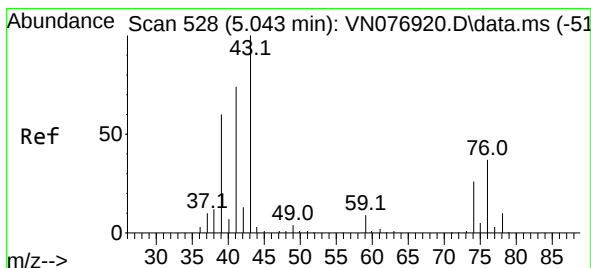
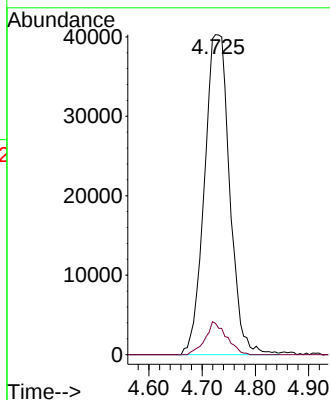
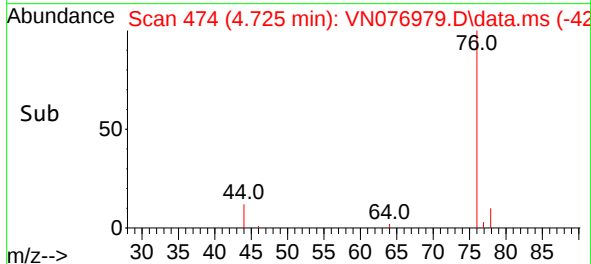
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



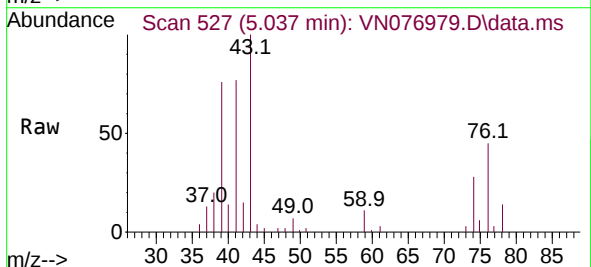
Tgt Ion: 76 Resp: 13264
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8

Manual Integrations
APPROVED

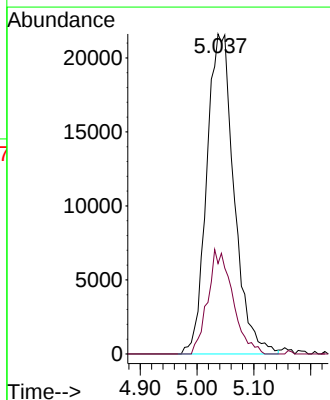
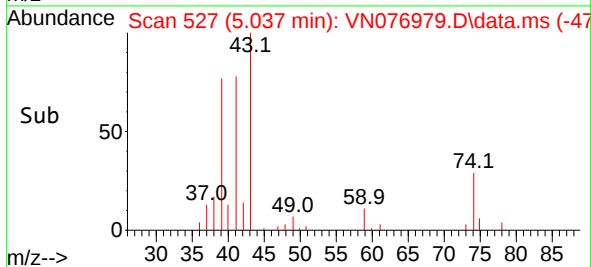
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

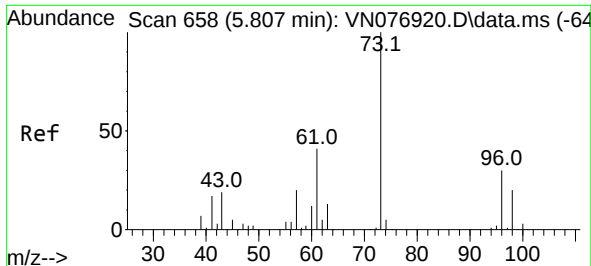


#18
Methyl Acetate
Concen: 13.689 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



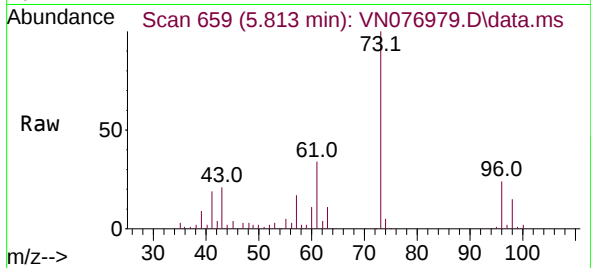
Tgt Ion: 43 Resp: 72308
Ion Ratio Lower Upper
43 100
74 29.7 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 19.193 ug/l
RT: 5.813 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

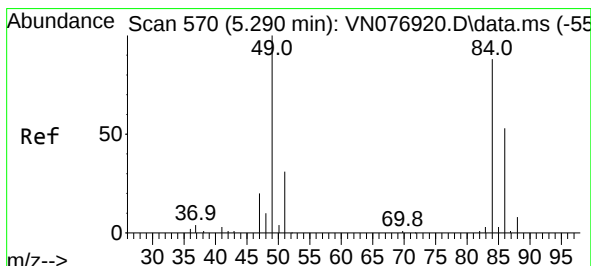
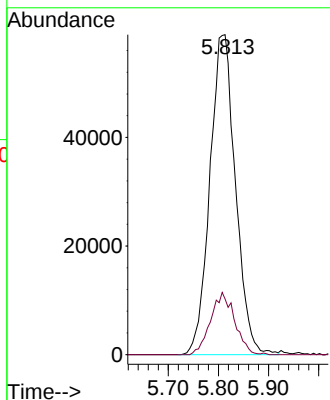
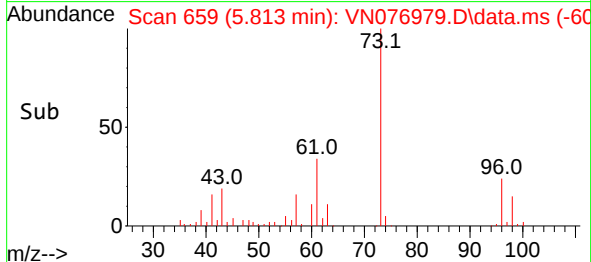
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 73 Resp: 208940
Ion Ratio Lower Upper
73 100
57 17.4 16.1 24.1

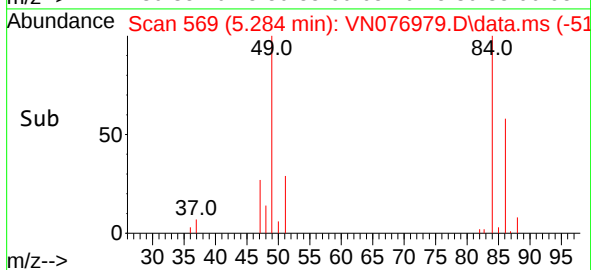
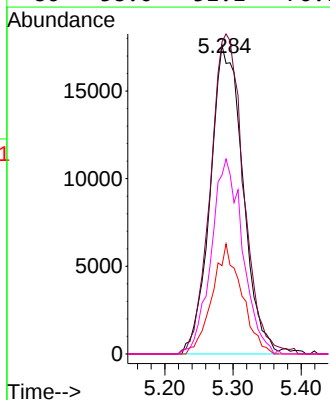
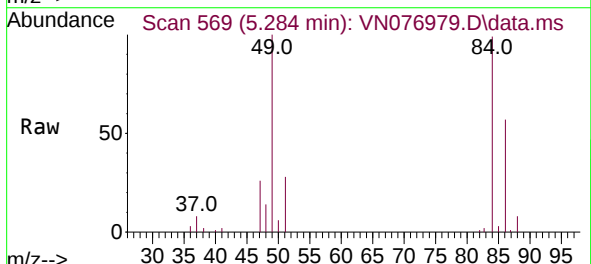
Manual Integrations
APPROVED

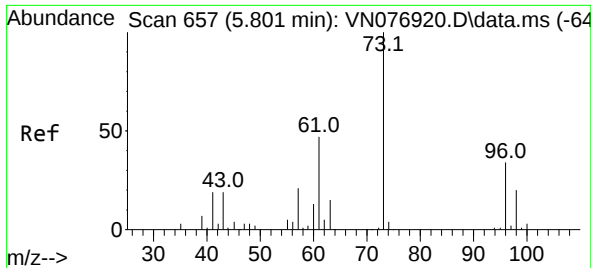
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 15.884 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 84 Resp: 58497
Ion Ratio Lower Upper
84 100
49 101.1 76.6 114.8
51 28.6 25.4 38.2
86 58.0 51.1 76.7





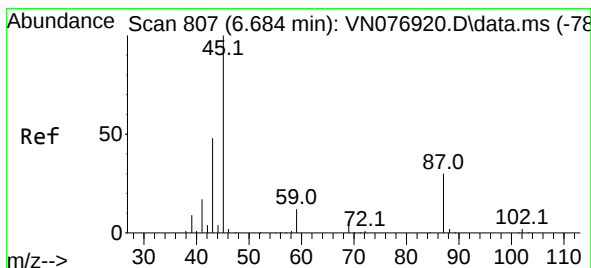
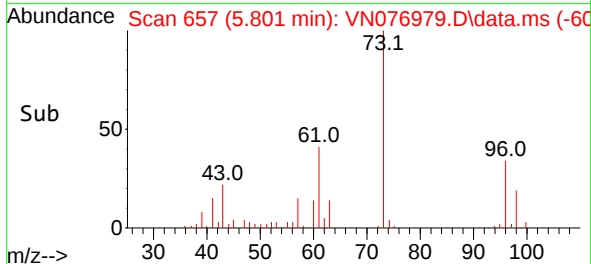
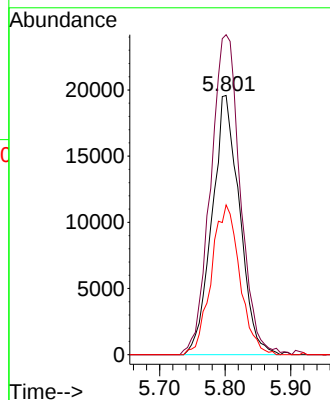
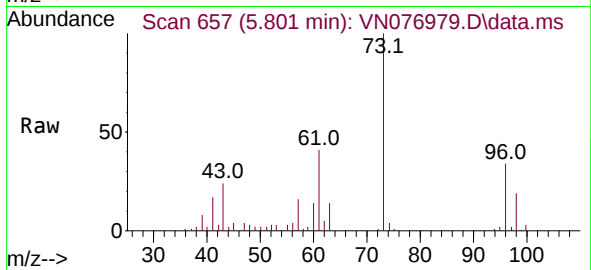
#21
trans-1,2-Dichloroethene
Concen: 17.612 ug/l
RT: 5.801 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 96 Resp: 57162
Ion Ratio Lower Upper
96 100
61 123.4 95.0 142.6
98 57.8 54.5 81.7

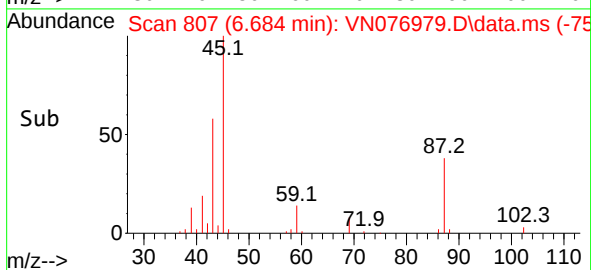
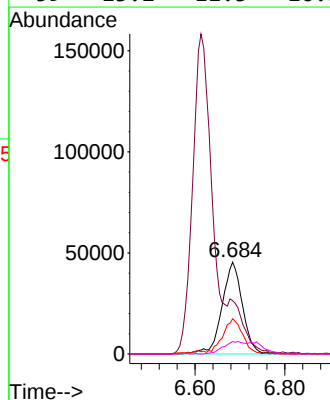
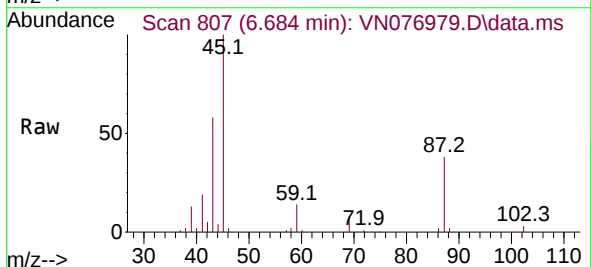
Manual Integrations
APPROVED

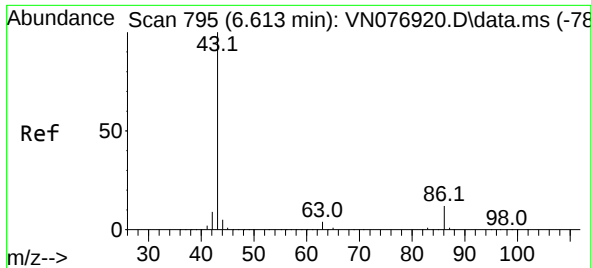
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#22
Diisopropyl ether
Concen: 14.758 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 45 Resp: 143408
Ion Ratio Lower Upper
45 100
43 56.5 42.6 63.8
87 38.2 29.7 44.5
59 13.2 11.3 16.9





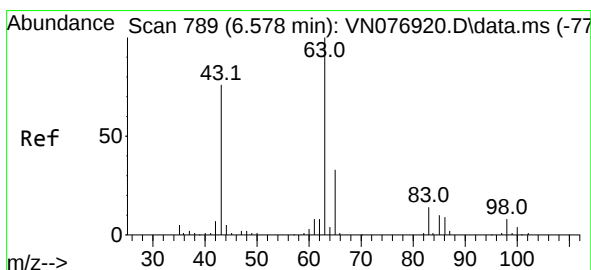
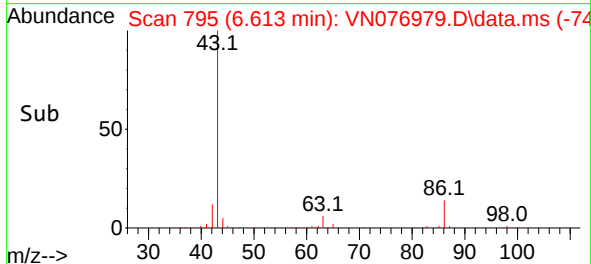
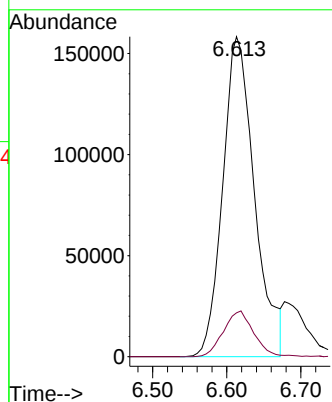
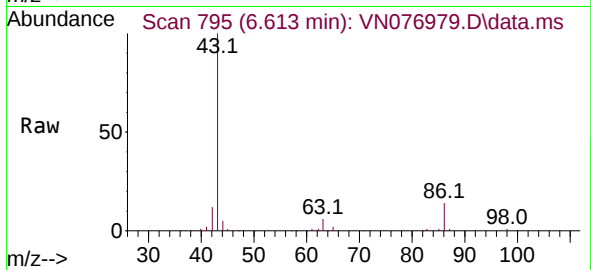
#23
 Vinyl Acetate
 Concen: 78.815 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Tgt Ion: 43 Resp: 471618
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.8 17.6

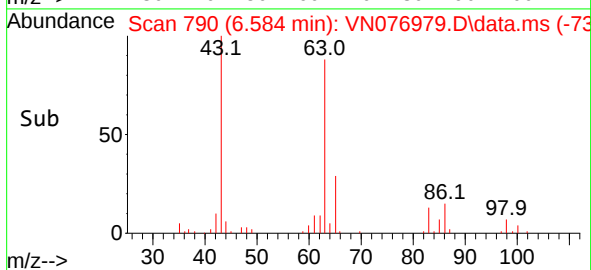
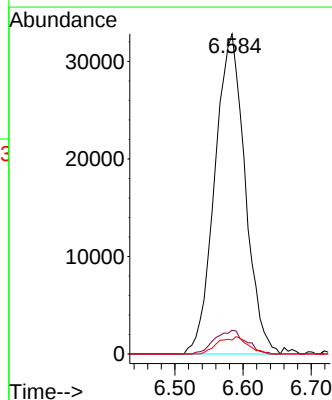
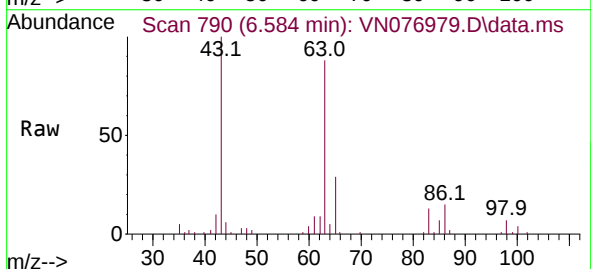
Manual Integrations
 APPROVED

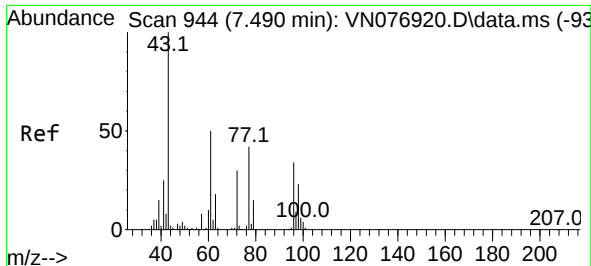
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 16.330 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

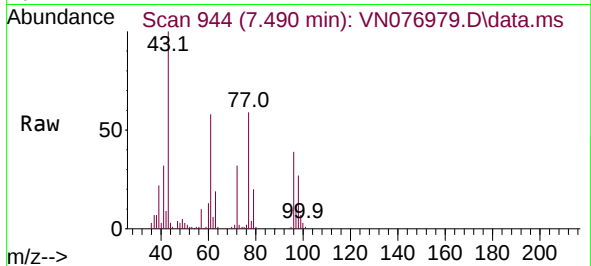
Tgt Ion: 63 Resp: 101357
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 75.921 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

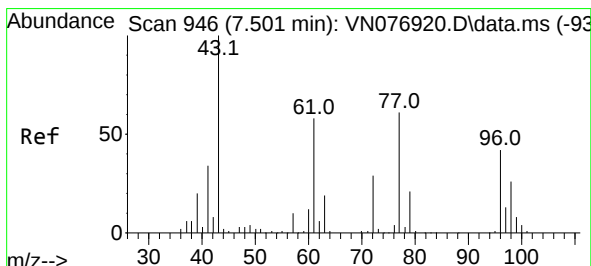
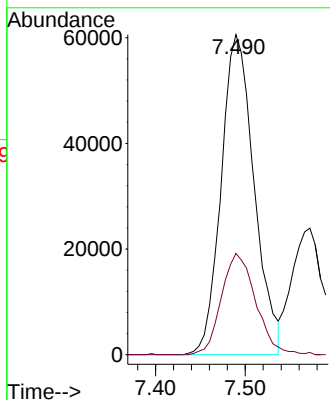
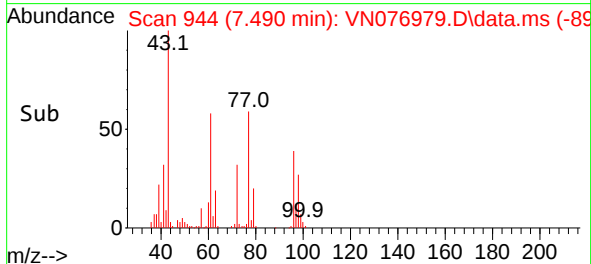
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



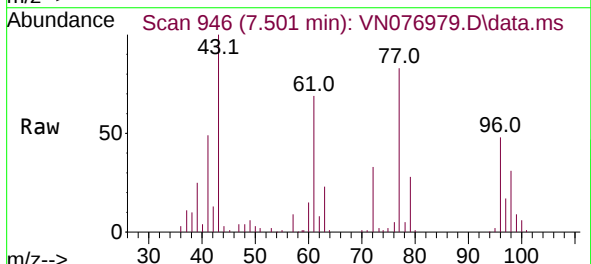
Tgt Ion: 43 Resp: 154658
Ion Ratio Lower Upper
43 100
72 31.7 28.8 43.2

Manual Integrations
APPROVED

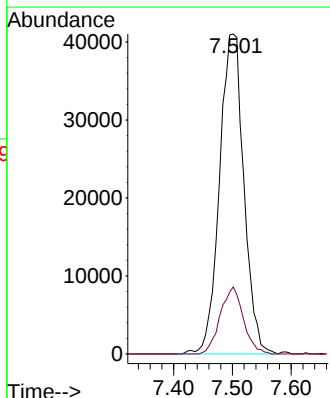
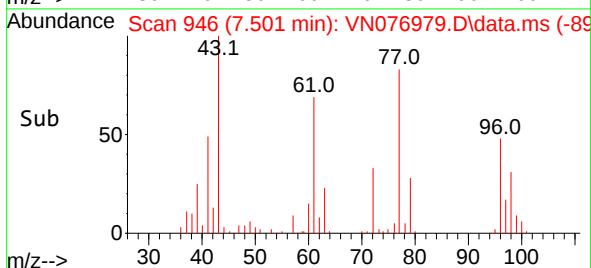
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

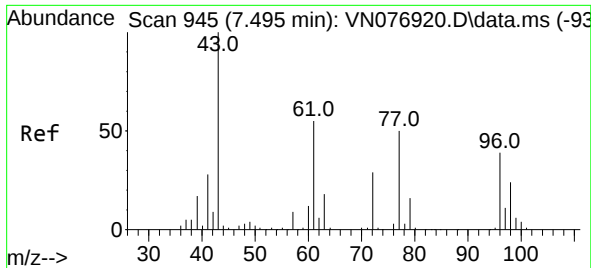


#26
2,2-Dichloropropane
Concen: 21.451 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



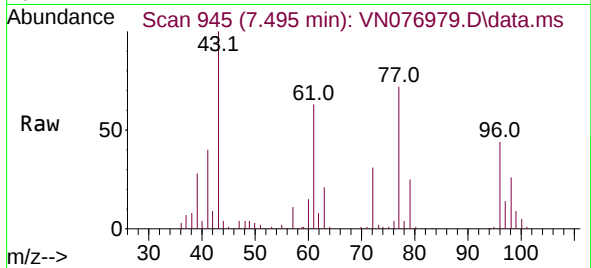
Tgt Ion: 77 Resp: 117828
Ion Ratio Lower Upper
77 100
97 19.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.867 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

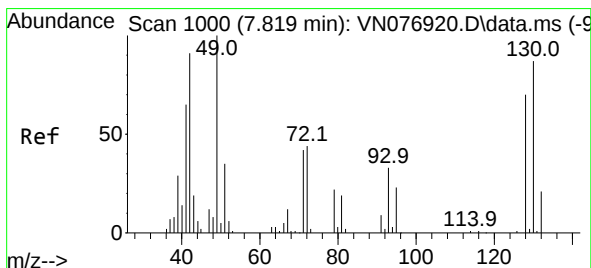
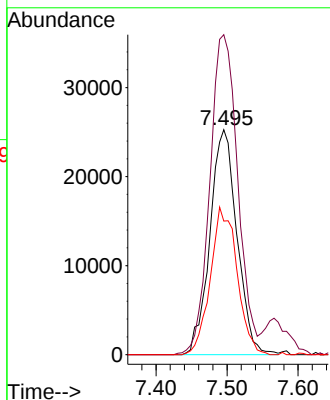
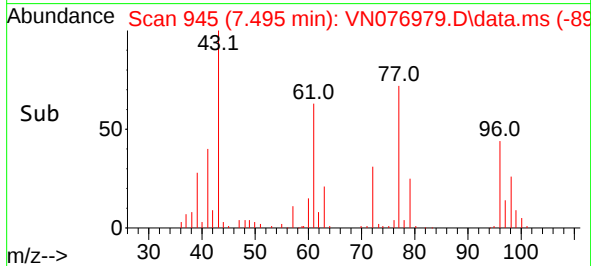
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



Tgt Ion: 96 Resp: 66919
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 255.6
 98 64.6 0.0 127.4

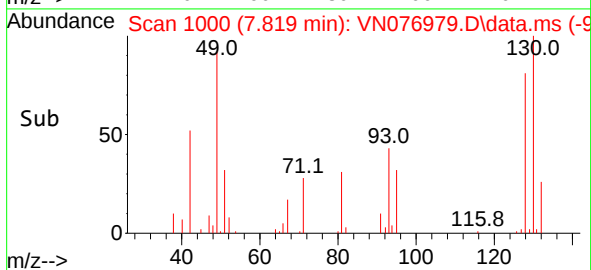
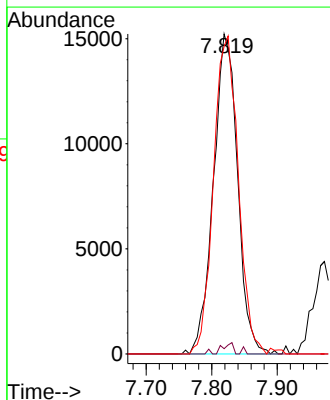
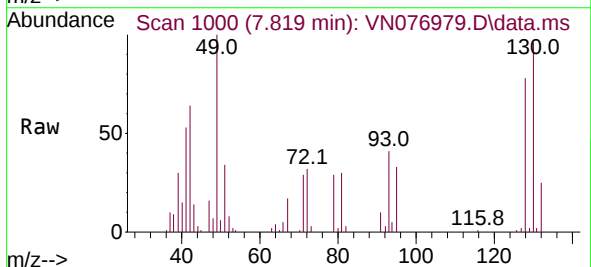
Manual Integrations
 APPROVED

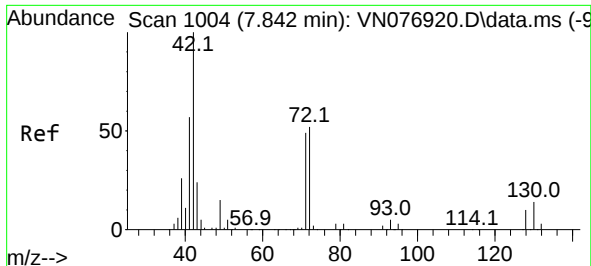
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#28
 Bromochloromethane
 Concen: 17.317 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

Tgt Ion: 49 Resp: 38881
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 101.8 74.8 112.2





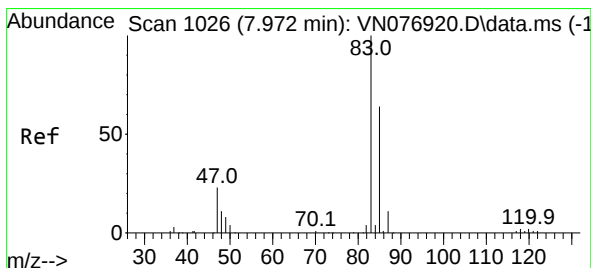
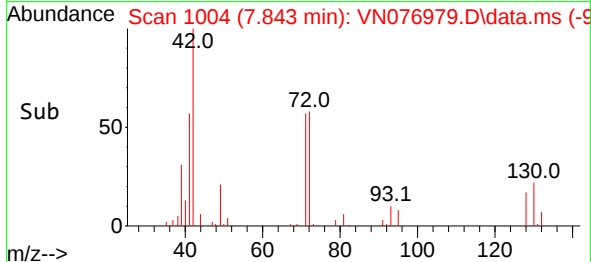
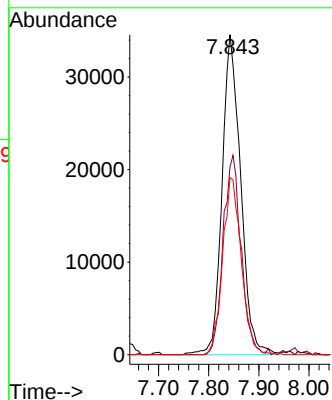
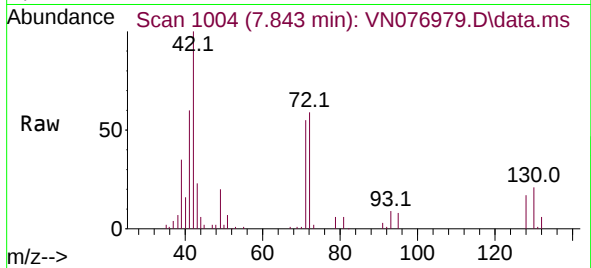
#29
Tetrahydrofuran
Concen: 70.593 ug/l
RT: 7.843 min Scan# 1004
Delta R.T. 0.001 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 42 Resp: 8913
Ion Ratio Lower Upper
42 100
72 59.8 48.6 73.0
71 55.6 45.1 67.7

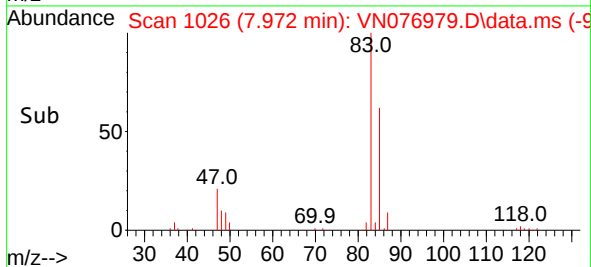
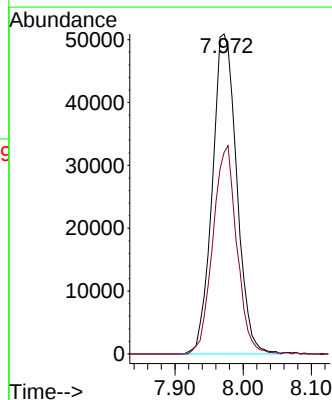
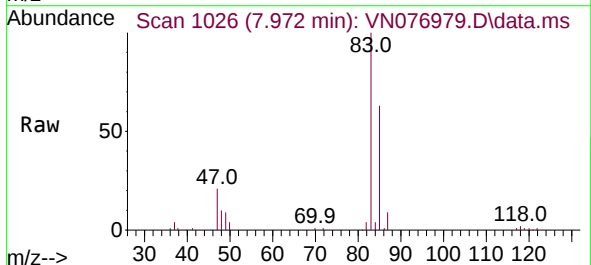
Manual Integrations
APPROVED

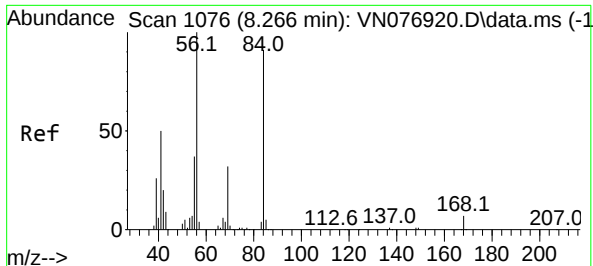
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#30
Chloroform
Concen: 19.095 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

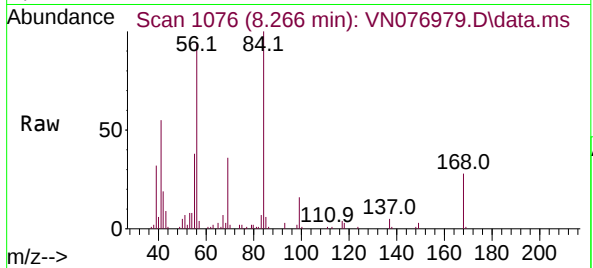
Tgt Ion: 83 Resp: 127348
Ion Ratio Lower Upper
83 100
85 62.9 51.3 76.9





#31
Cyclohexane
Concen: 14.400 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

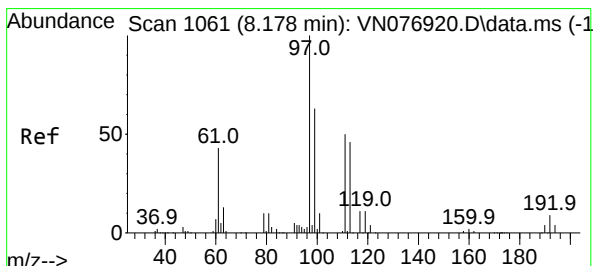
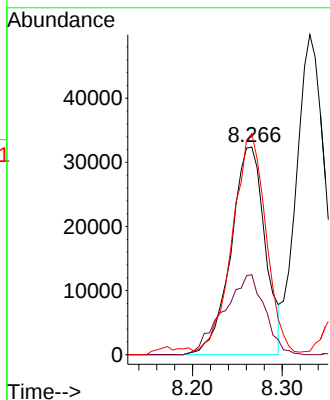
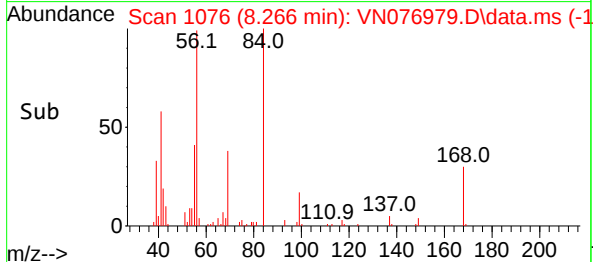
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 56 Resp: 85390
Ion Ratio Lower Upper
56 100
69 38.6 27.0 40.6
84 103.5 82.9 124.3

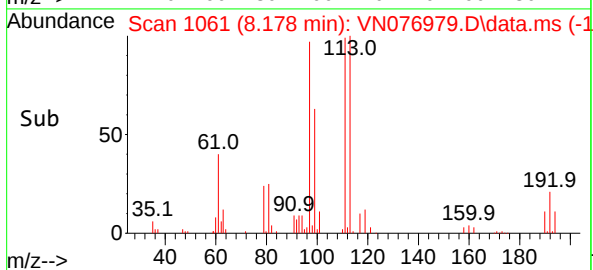
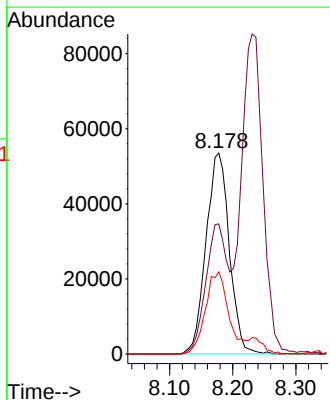
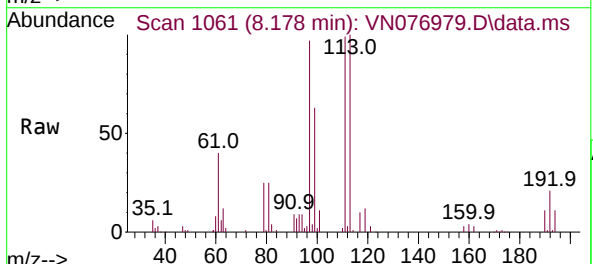
Manual Integrations
APPROVED

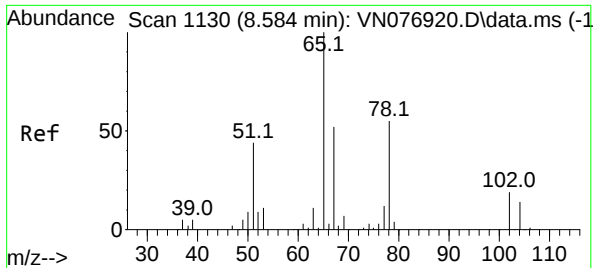
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 21.941 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 97 Resp: 137186
Ion Ratio Lower Upper
97 100
99 59.7 51.2 76.8
61 40.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.345 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 65 Resp: 203958

Ion Ratio Lower Upper

65 100

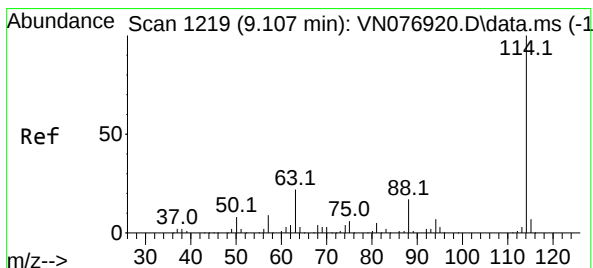
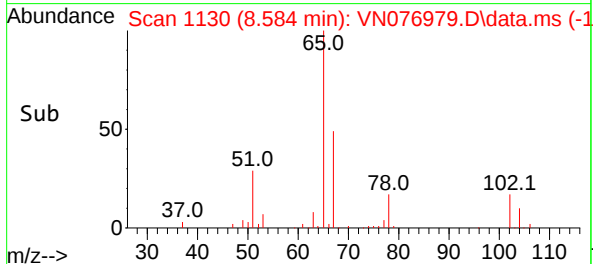
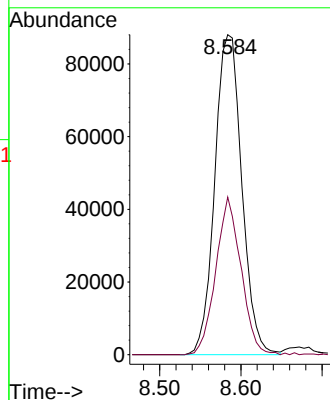
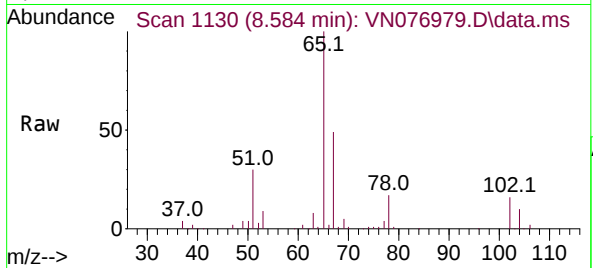
67 45.8 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

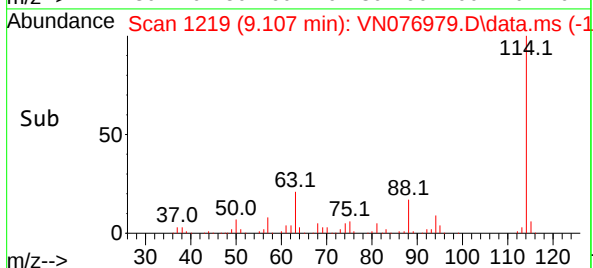
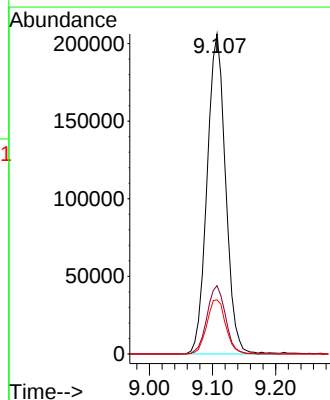
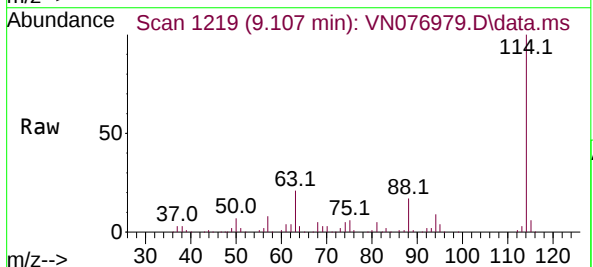
Tgt Ion:114 Resp: 419136

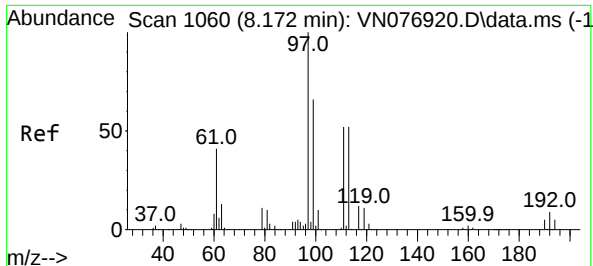
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

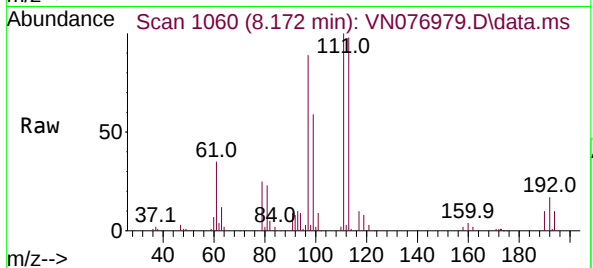
88 16.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 48.516 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

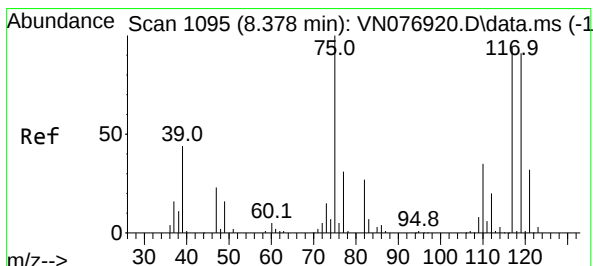
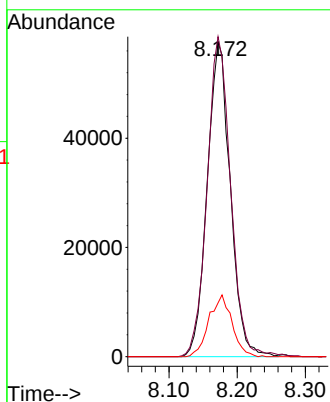
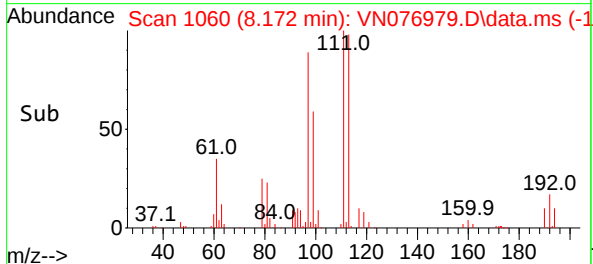
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



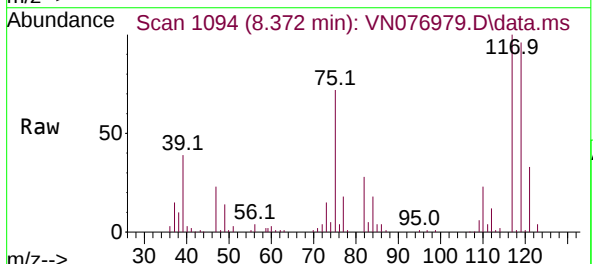
Tgt Ion:113 Resp: 135520
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 19.7 13.9 20.9

Manual Integrations
APPROVED

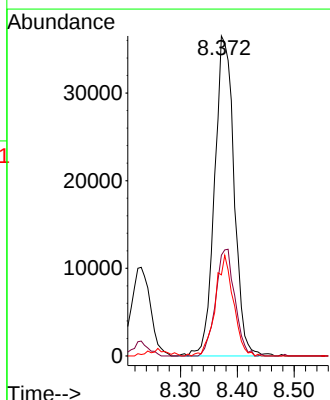
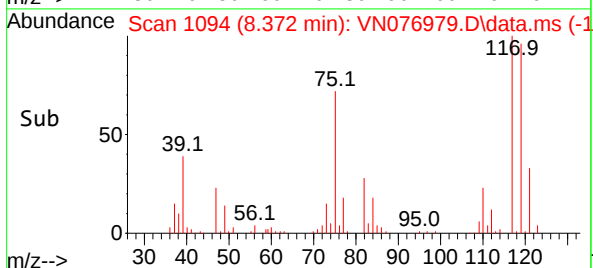
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

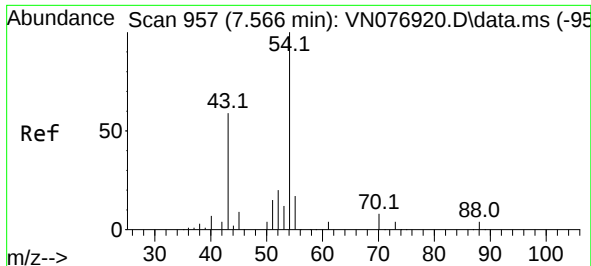


#36
1,1-Dichloropropene
Concen: 20.153 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



Tgt Ion: 75 Resp: 87066
Ion Ratio Lower Upper
75 100
110 32.9 18.9 56.9
77 29.4 24.9 37.3





#37

Ethyl Acetate

Concen: 17.947 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 43 Resp: 62000

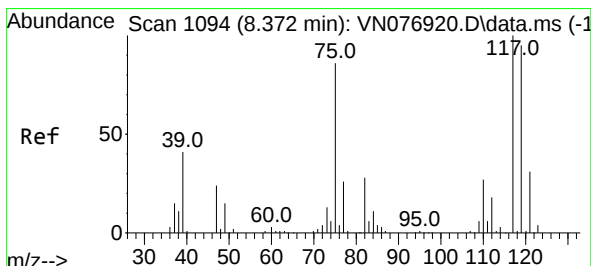
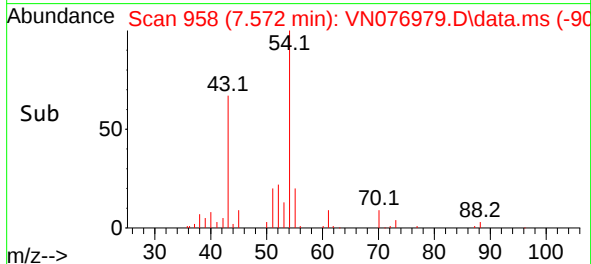
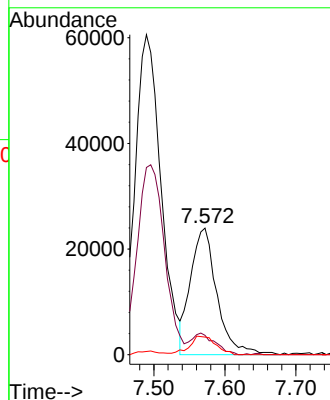
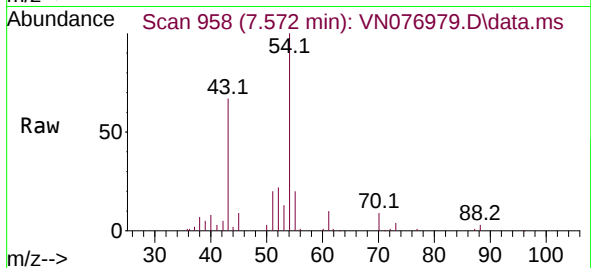
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.5	20.3
70	14.3	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 25.107 ug/l

RT: 8.372 min Scan# 1094

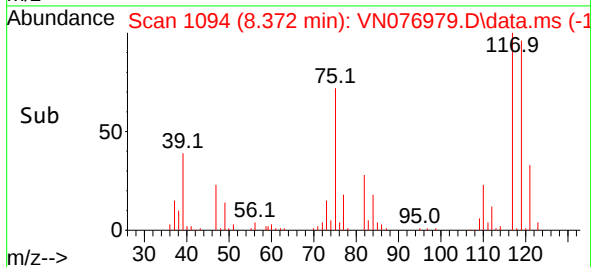
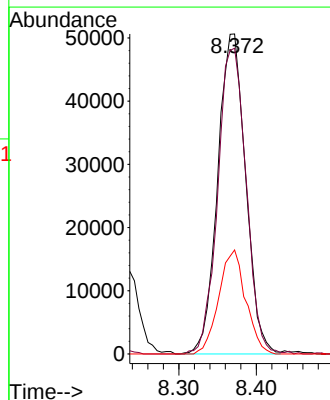
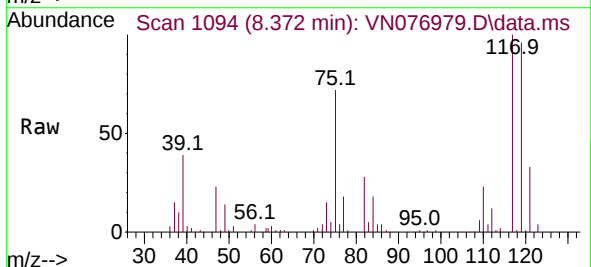
Delta R.T. -0.000 min

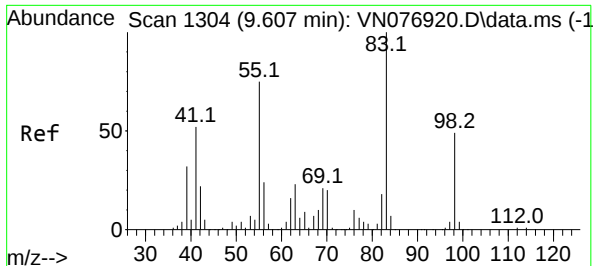
Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Tgt Ion:117 Resp: 126952

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
121	32.5	23.2	34.8





#39

Methylcyclohexane

Concen: 19.224 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

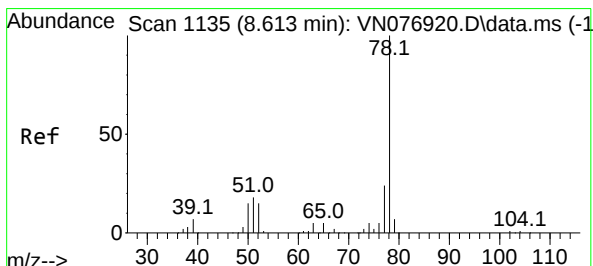
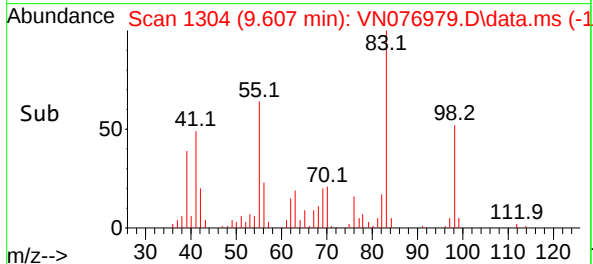
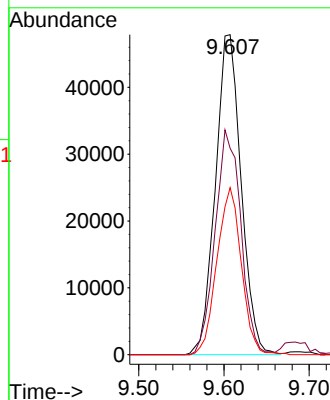
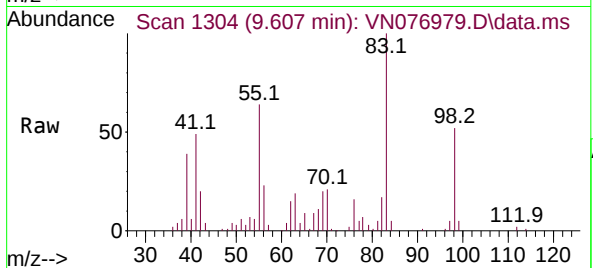
Tgt Ion: 83	Resp: 100819
Ion Ratio	Lower Upper
83	100
55	64.5 47.0 70.4
98	52.2 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 18.233 ug/l

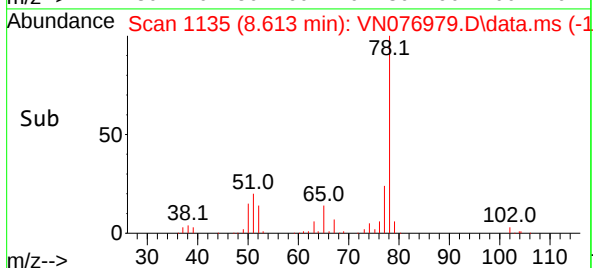
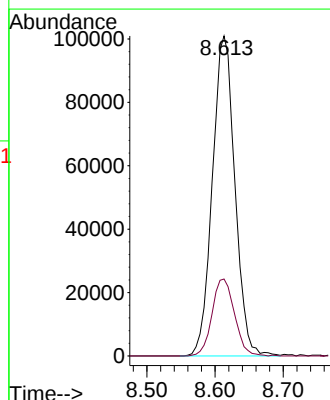
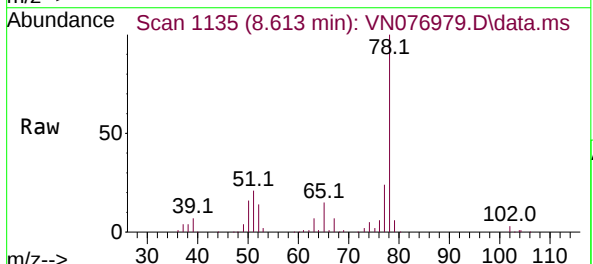
RT: 8.613 min Scan# 1135

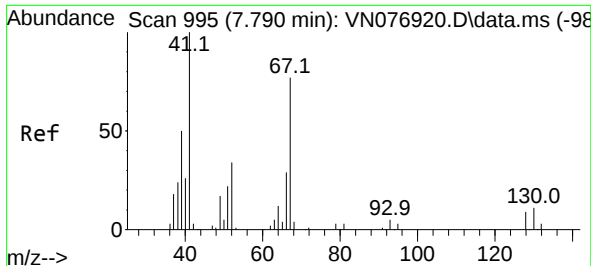
Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

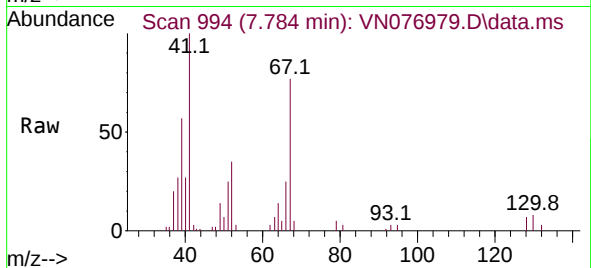
Tgt Ion: 78	Resp: 232197
Ion Ratio	Lower Upper
78	100
77	24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 16.516 ug/l
RT: 7.784 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

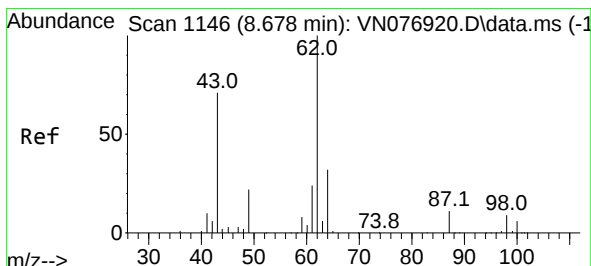
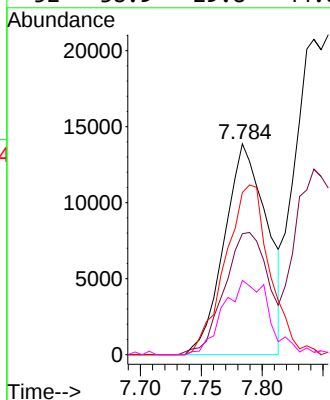
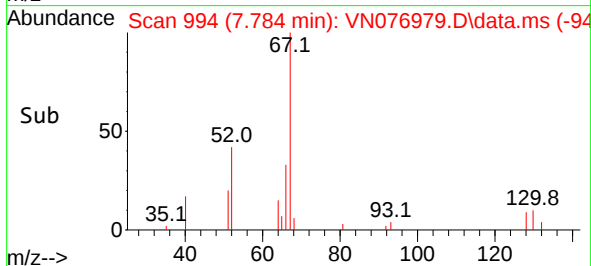
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:	41	Resp:	3395
Ion Ratio	100	Lower	Upper
39	59.4	43.4	65.0
67	83.5	78.6	118.0
52	38.9	29.8	44.8

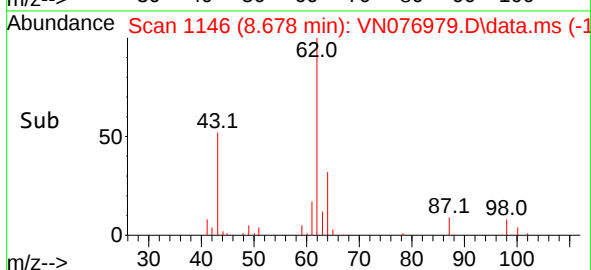
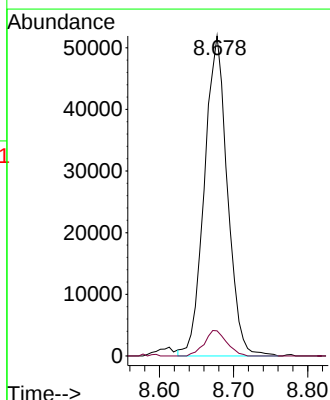
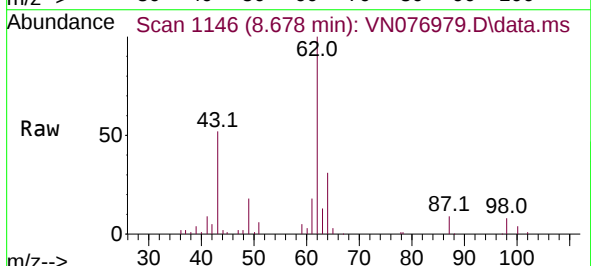
Manual Integrations
APPROVED

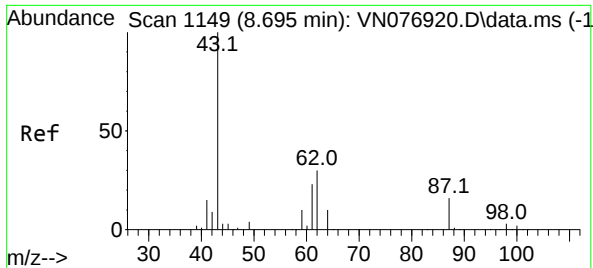
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 22.517 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

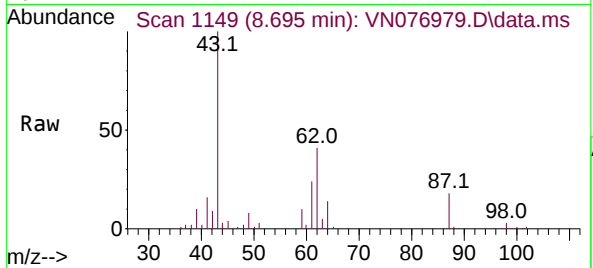
Tgt Ion:	62	Resp:	111846
Ion Ratio	100	Lower	Upper
98	7.7	0.0	21.8





#43
Isopropyl Acetate
Concen: 17.693 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

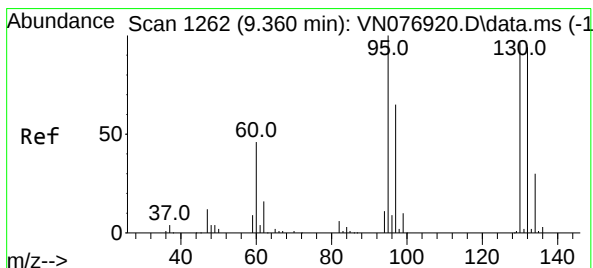
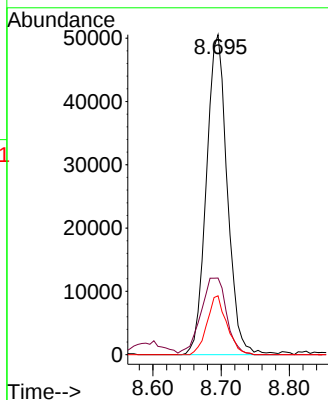
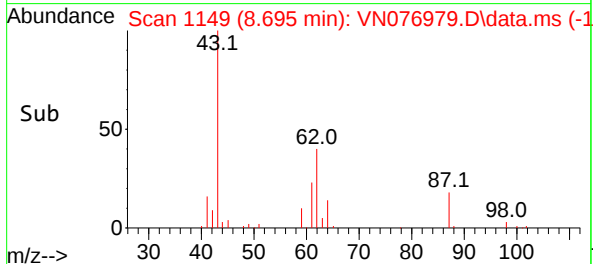
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



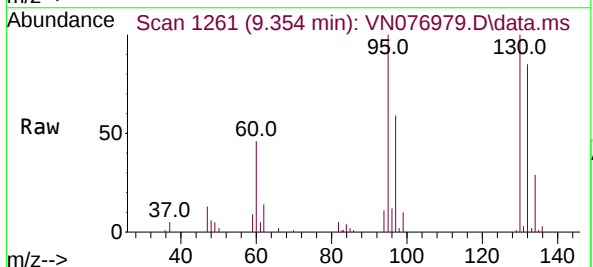
Tgt Ion: 43 Resp: 10790
Ion Ratio Lower Upper
43 100
61 29.4 26.2 39.2
87 17.4 14.8 22.2

Manual Integrations
APPROVED

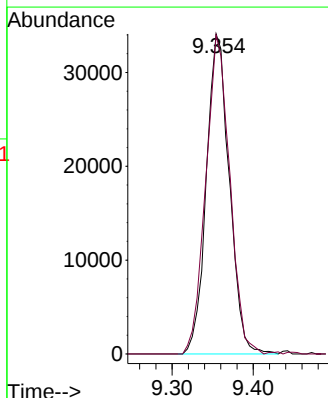
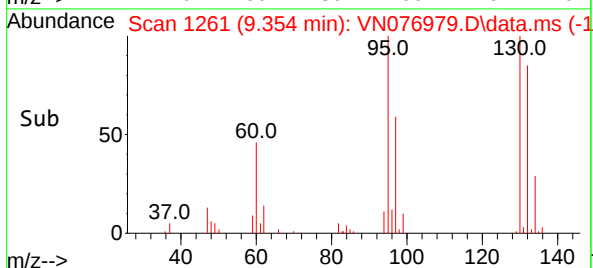
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

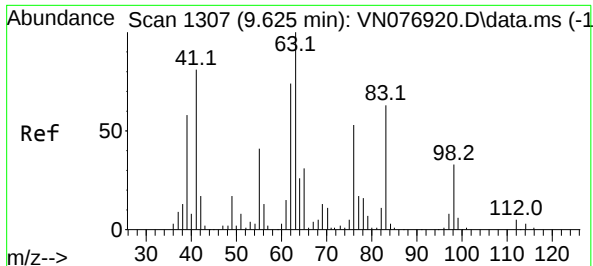


#44
Trichloroethene
Concen: 20.386 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



Tgt Ion:130 Resp: 67091
Ion Ratio Lower Upper
130 100
95 99.7 0.0 208.6





#45

1,2-Dichloropropane

Concen: 16.729 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 63 Resp: 5241

Ion Ratio Lower Upper

63 100

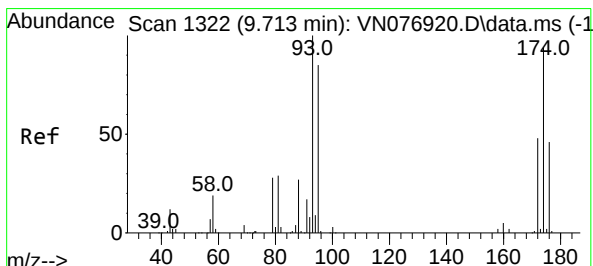
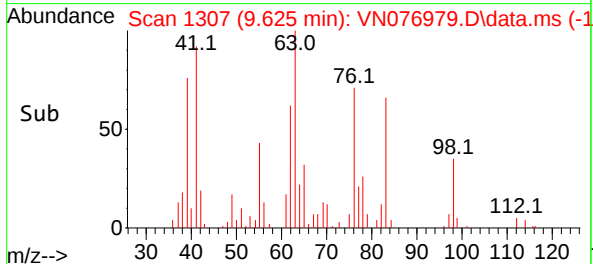
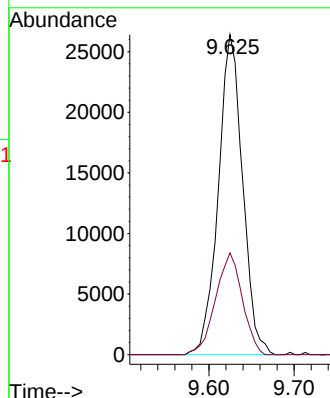
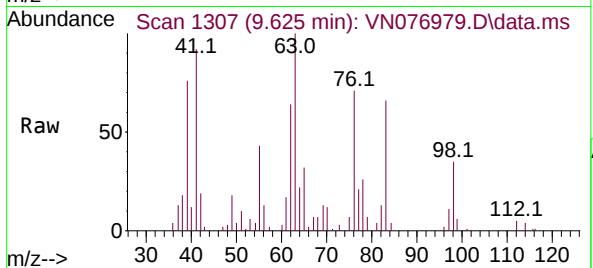
65 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 20.336 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

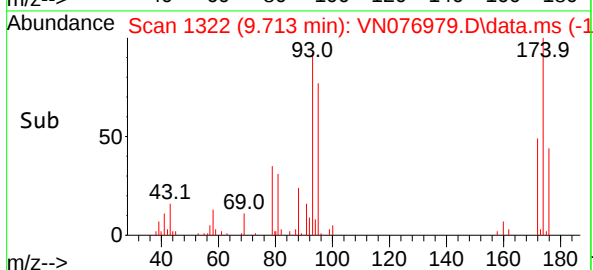
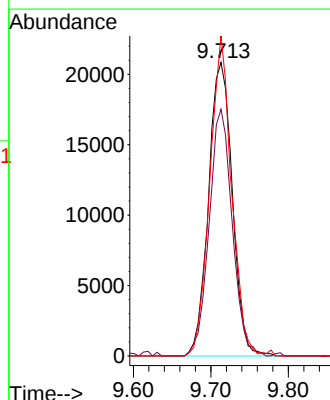
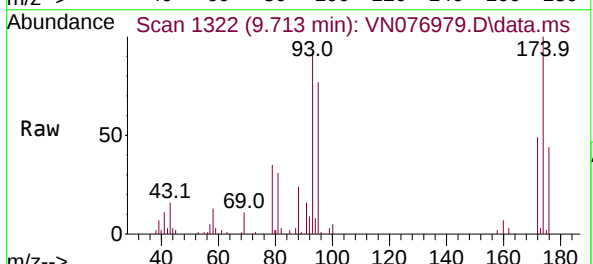
Tgt Ion: 93 Resp: 44501

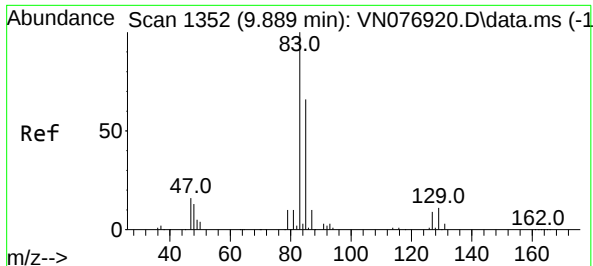
Ion Ratio Lower Upper

93 100

95 81.3 65.7 98.5

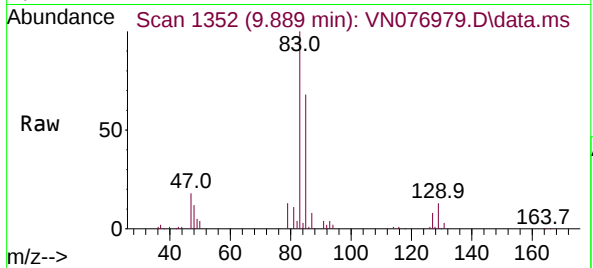
174 99.7 69.3 103.9





#47
Bromodichloromethane
Concen: 21.833 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

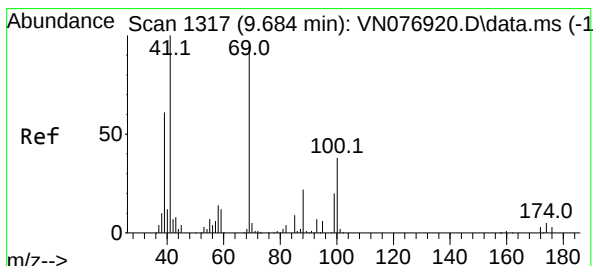
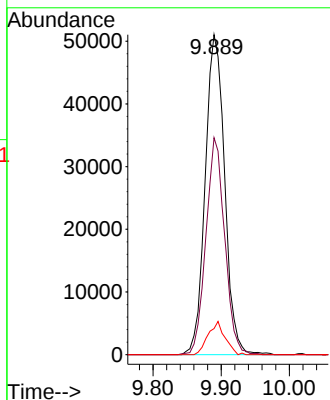
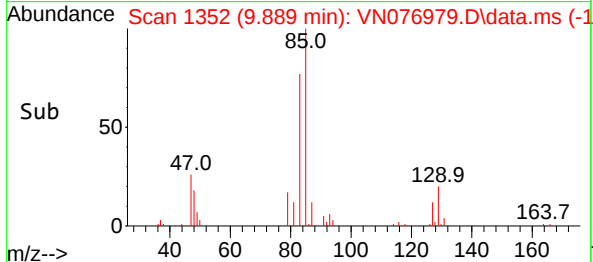
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



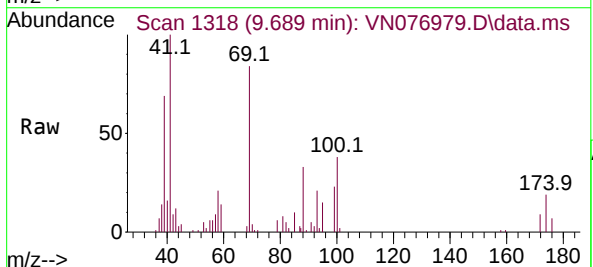
Tgt Ion: 83 Resp: 101350
Ion Ratio Lower Upper
83 100
85 67.8 52.6 78.8
127 8.2 7.0 10.6

Manual Integrations
APPROVED

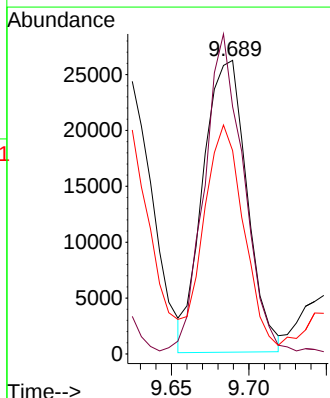
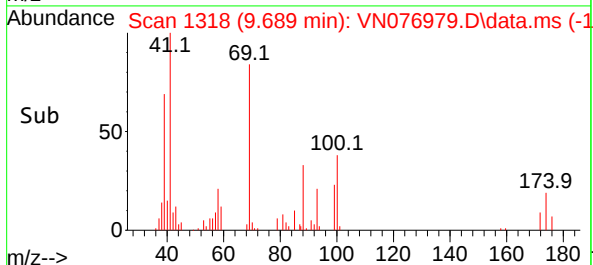
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

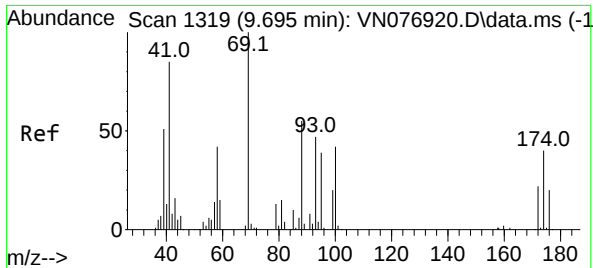


#48
Methyl methacrylate
Concen: 17.233 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.005 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



Tgt Ion: 41 Resp: 51499
Ion Ratio Lower Upper
41 100
69 100.0 92.6 139.0
39 72.8 51.4 77.0





#49

1,4-Dioxane

Concen: 384.982 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 88 Resp: 21784

Ion Ratio Lower Upper

88 100

43 27.0 15.3 22.9

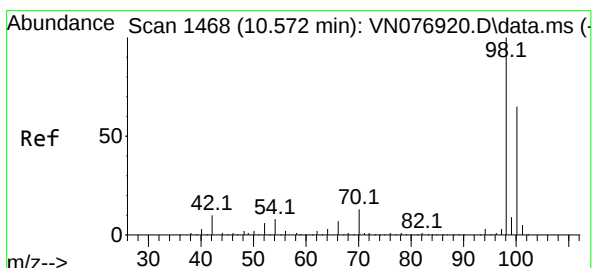
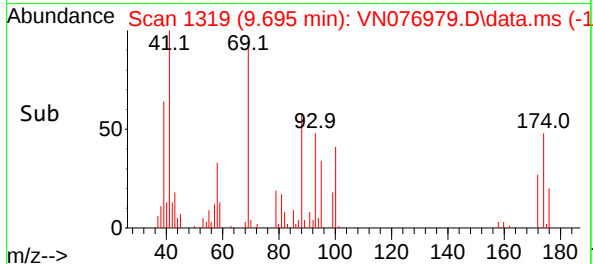
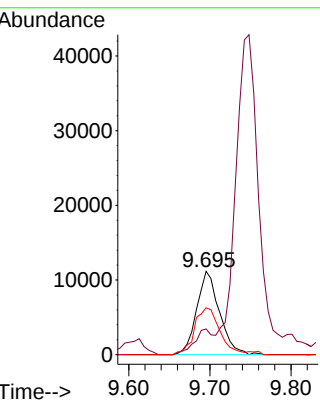
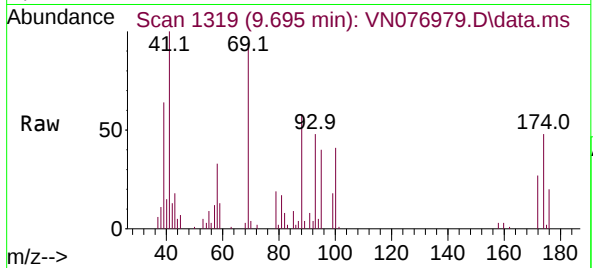
58 62.1 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 46.859 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076979.D

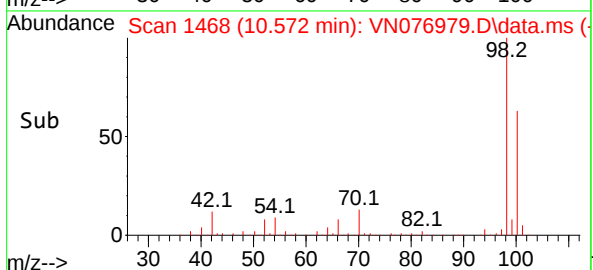
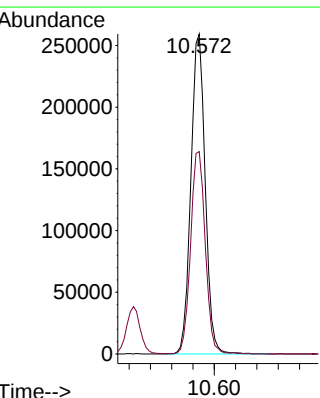
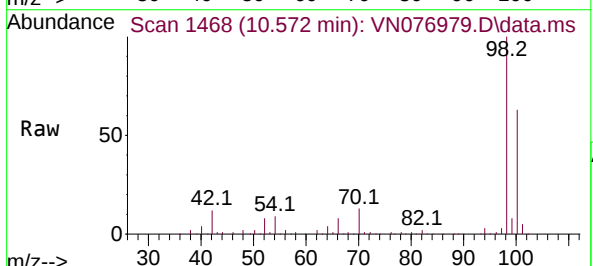
Acq: 14 Mar 2023 13:44

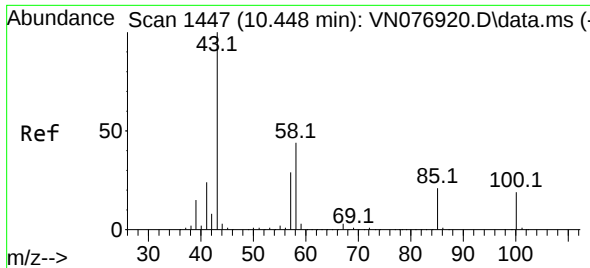
Tgt Ion: 98 Resp: 482411

Ion Ratio Lower Upper

98 100

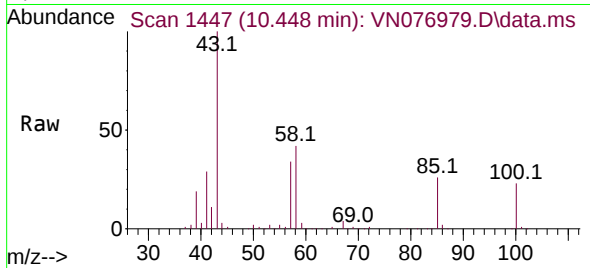
100 64.5 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 84.350 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

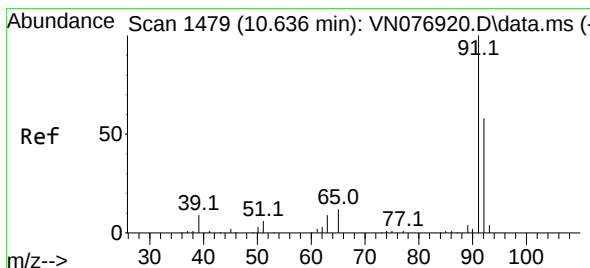
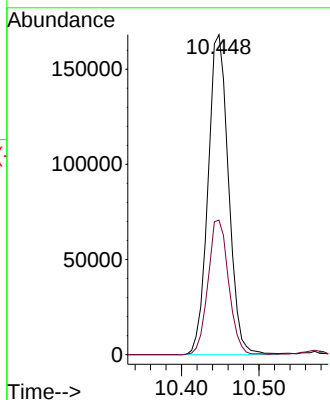
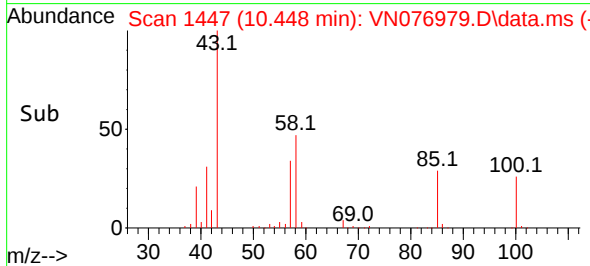
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 43 Resp: 309040
Ion Ratio Lower Upper
43 100
58 42.4 37.4 56.0

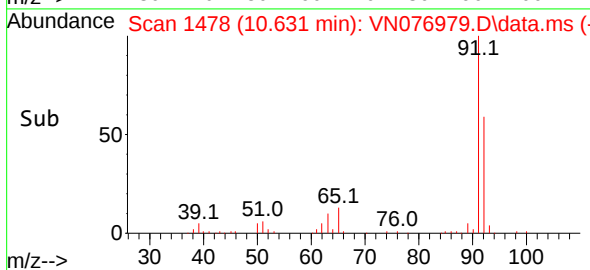
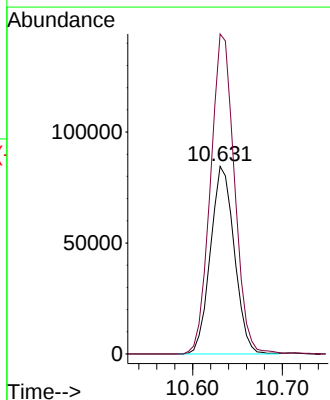
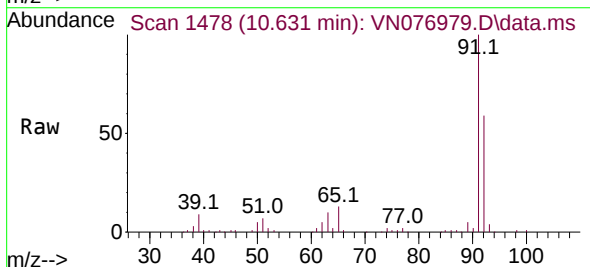
Manual Integrations
APPROVED

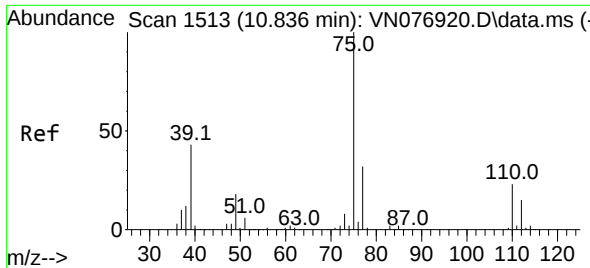
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 19.930 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

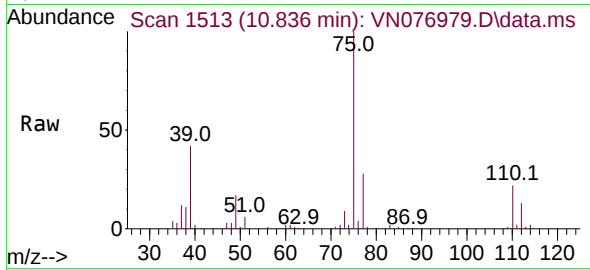
Tgt Ion: 92 Resp: 156205
Ion Ratio Lower Upper
92 100
91 171.4 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 21.699 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

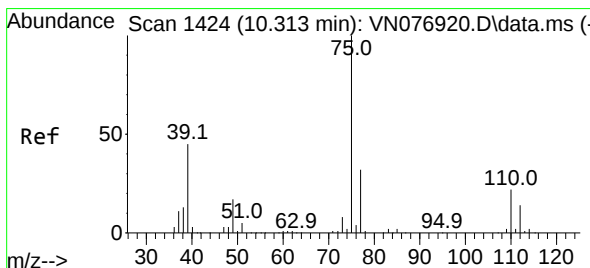
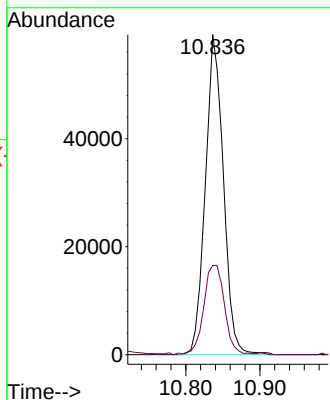
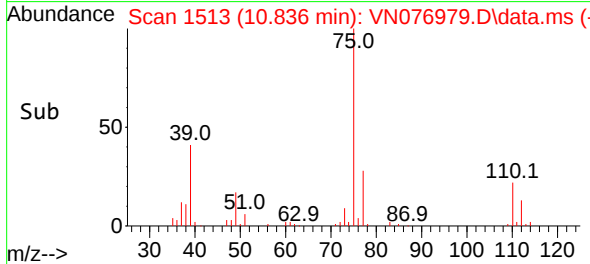
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



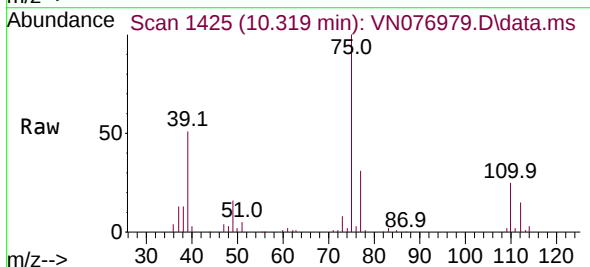
Tgt Ion: 75 Resp: 100420
Ion Ratio Lower Upper
75 100
77 27.9 25.0 37.6

Manual Integrations
APPROVED

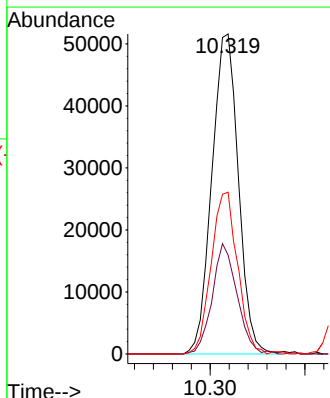
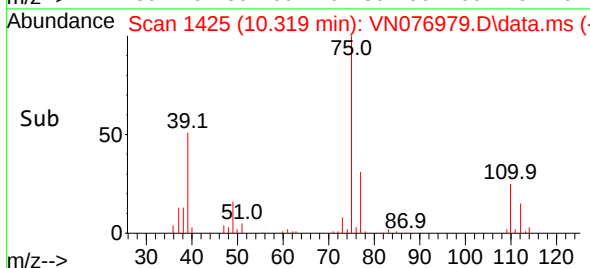
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

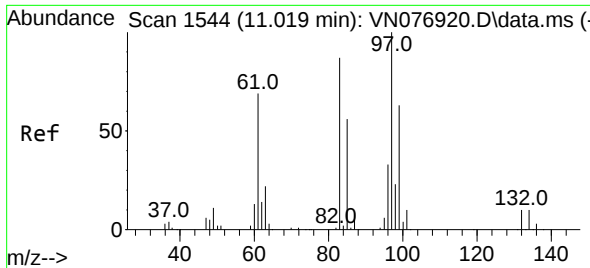


#54
cis-1,3-Dichloropropene
Concen: 19.757 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



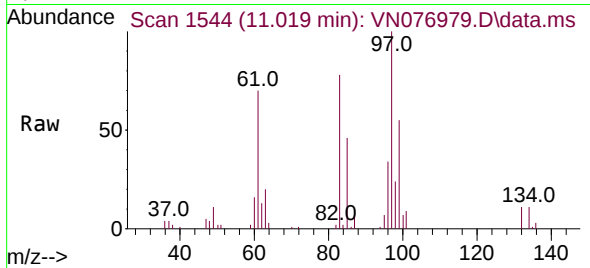
Tgt Ion: 75 Resp: 100419
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 50.6 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 19.490 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

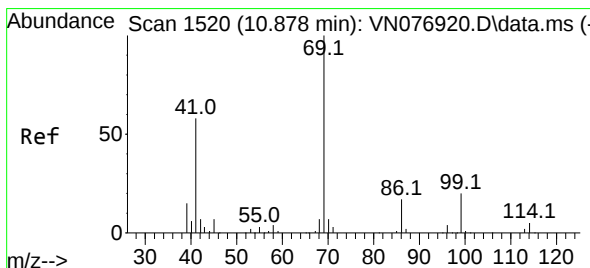
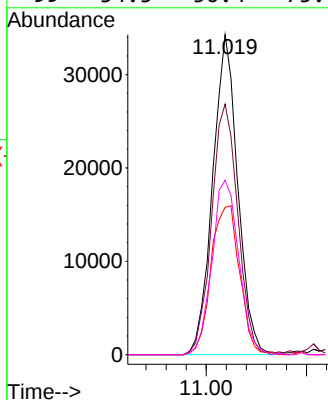
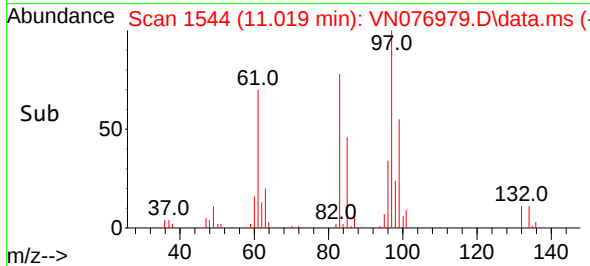
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 97 Resp: 5943
Ion Ratio Lower Upper
97 100
83 78.3 67.1 100.7
85 46.1 41.8 62.8
99 54.5 50.4 75.6

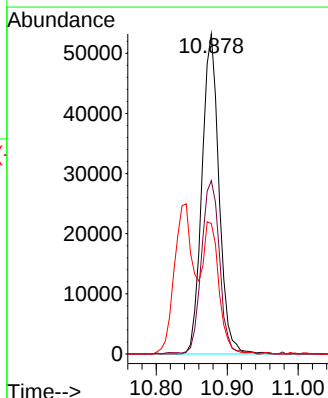
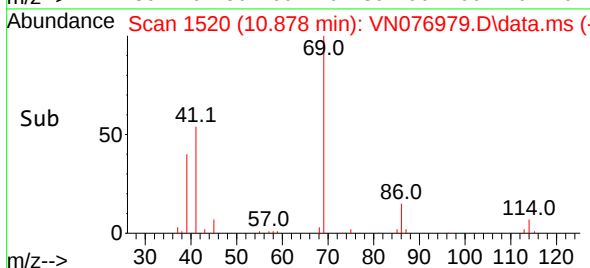
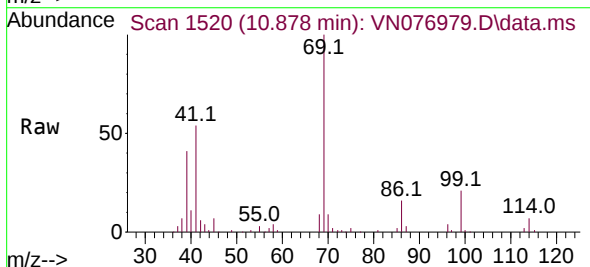
Manual Integrations
APPROVED

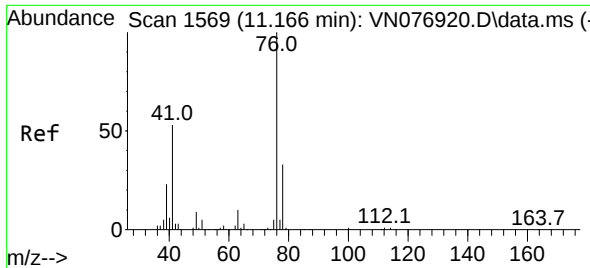
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#56
Ethyl methacrylate
Concen: 19.269 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 69 Resp: 89127
Ion Ratio Lower Upper
69 100
41 57.4 38.0 57.0#
39 38.0 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 18.397 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 76 Resp: 98924

Ion Ratio Lower Upper

76 100

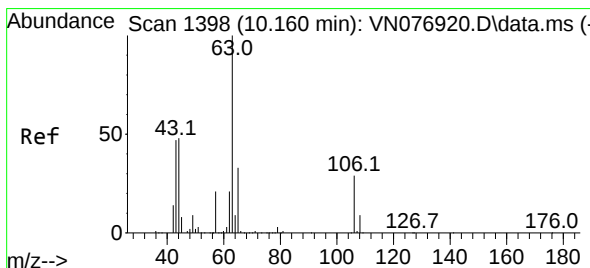
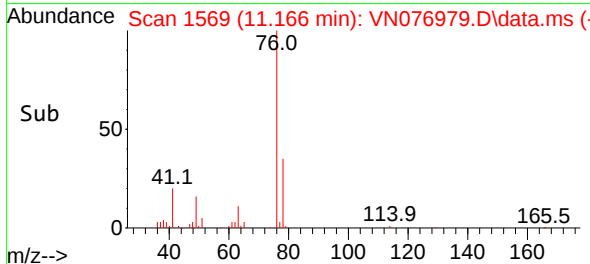
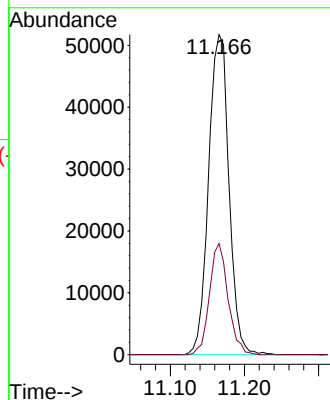
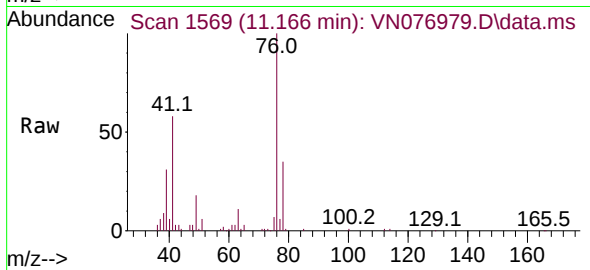
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.673 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076979.D

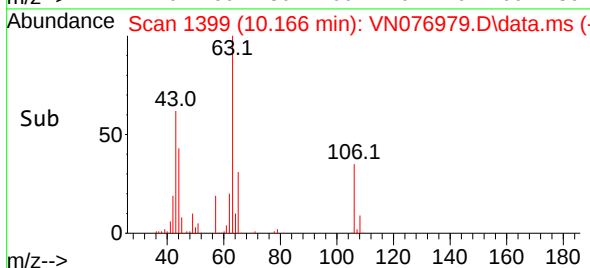
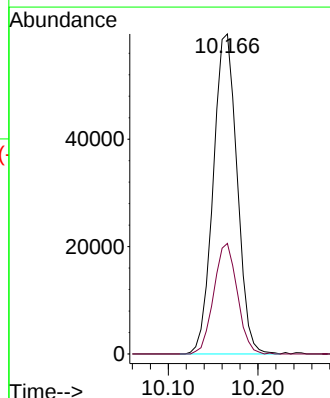
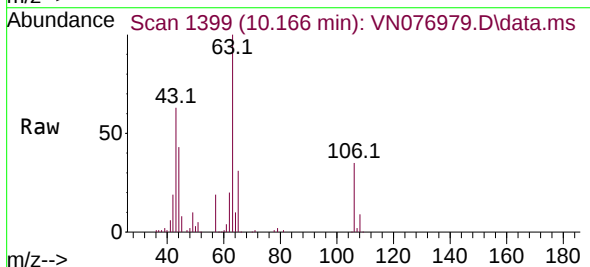
Acq: 14 Mar 2023 13:44

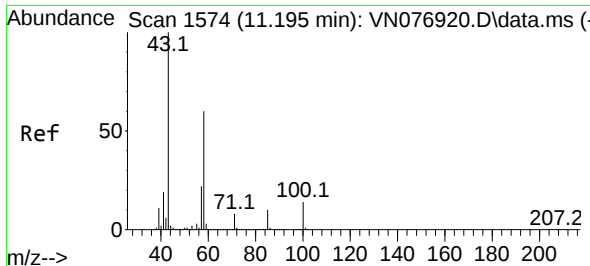
Tgt Ion: 63 Resp: 109985

Ion Ratio Lower Upper

63 100

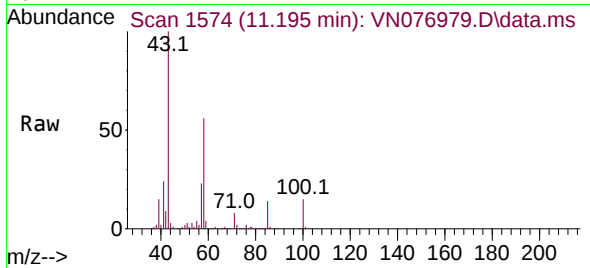
106 34.1 25.6 38.4





#59
2-Hexanone
Concen: 87.762 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

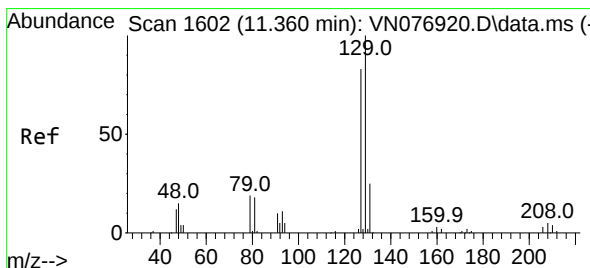
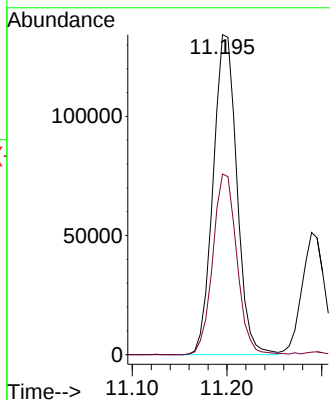
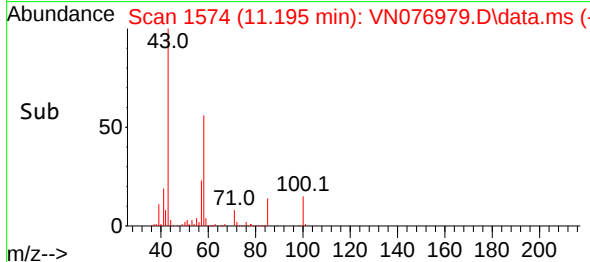
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 43 Resp: 23444
Ion Ratio Lower Upper
43 100
58 57.2 32.6 98.0

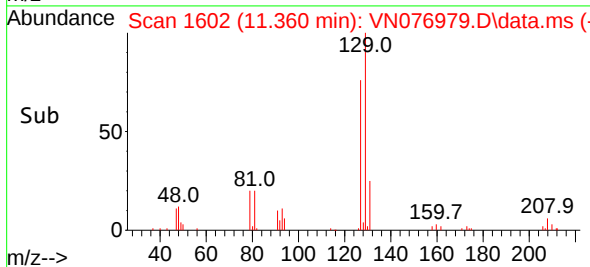
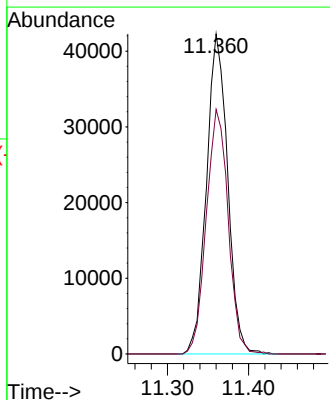
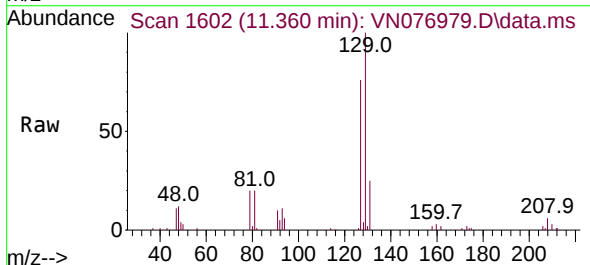
Manual Integrations
APPROVED

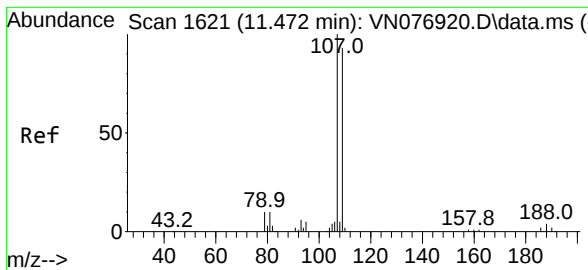
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 22.808 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion:129 Resp: 76629
Ion Ratio Lower Upper
129 100
127 78.8 39.6 118.8





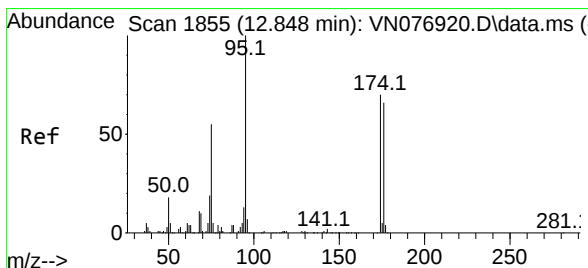
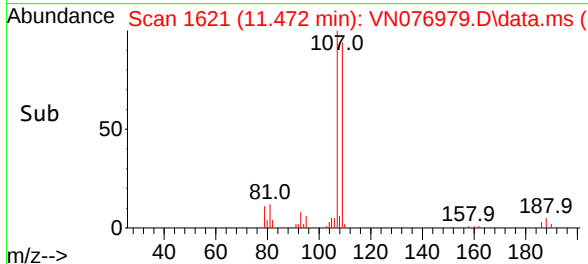
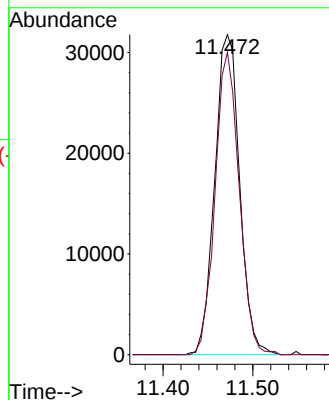
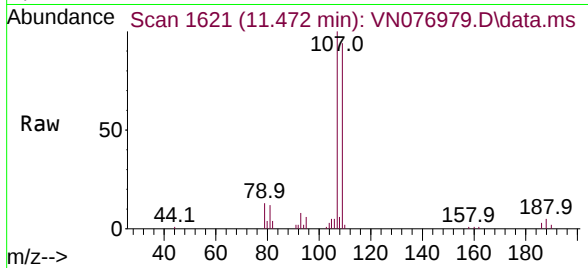
#61
1,2-Dibromoethane
Concen: 20.057 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:107 Resp: 6130
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9

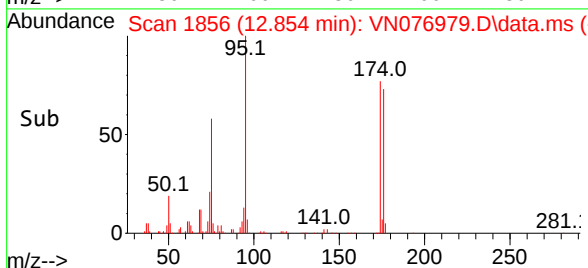
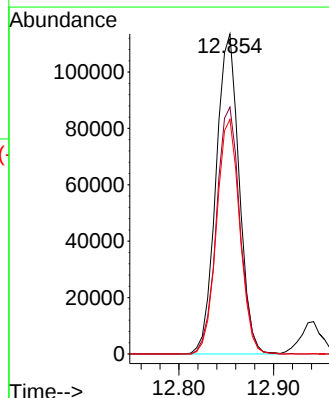
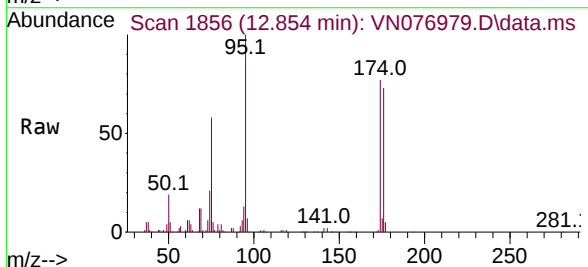
Manual Integrations
APPROVED

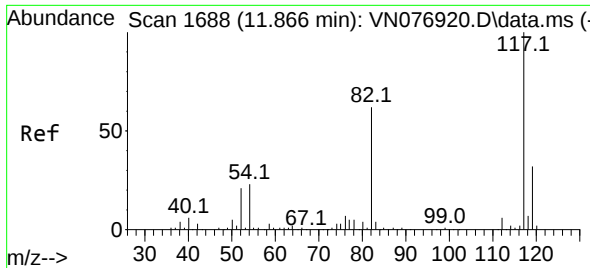
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#62
4-Bromofluorobenzene
Concen: 51.204 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

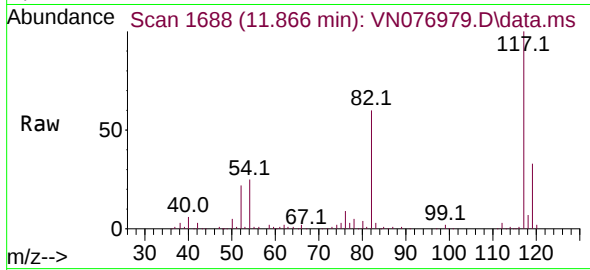
Tgt Ion: 95 Resp: 192815
Ion Ratio Lower Upper
95 100
174 78.0 0.0 162.4
176 73.2 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

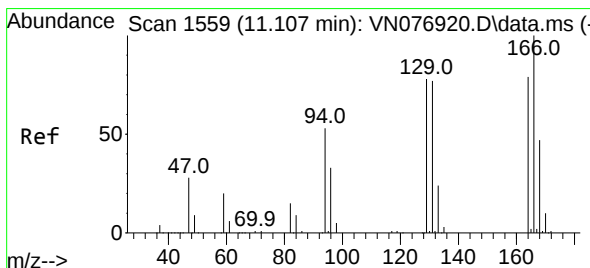
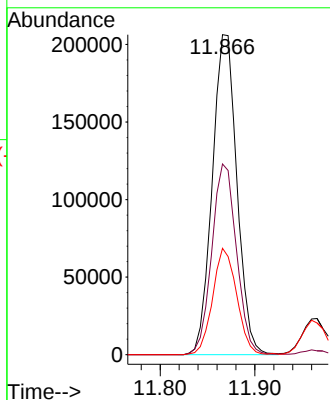
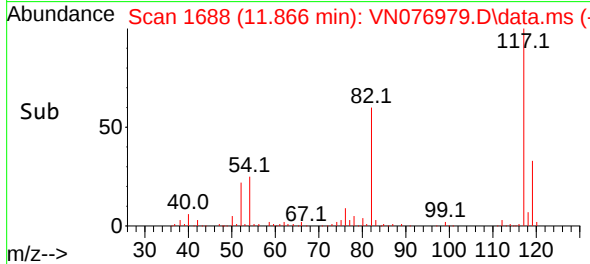
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:117 Resp: 37358
Ion Ratio Lower Upper
117 100
82 59.6 43.5 65.3
119 33.3 25.5 38.3

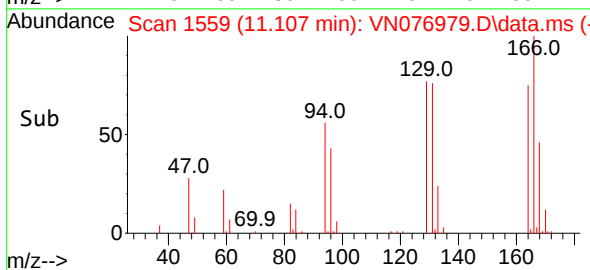
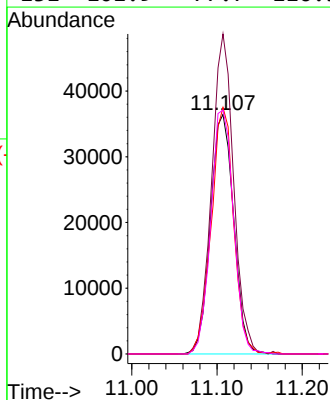
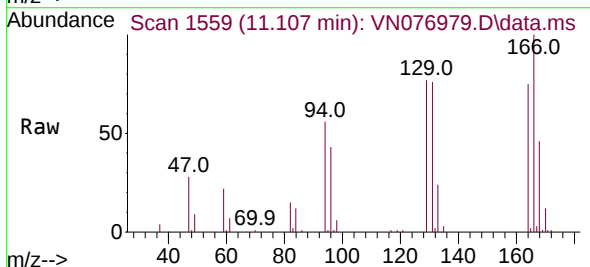
Manual Integrations
APPROVED

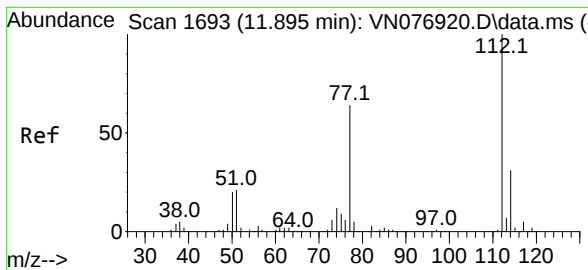
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 22.866 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

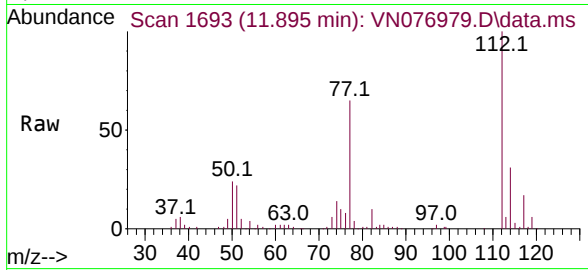
Tgt Ion:164 Resp: 69138
Ion Ratio Lower Upper
164 100
166 133.6 102.7 154.1
129 103.0 81.5 122.3
131 101.9 77.7 116.5





#65
Chlorobenzene
Concen: 19.406 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

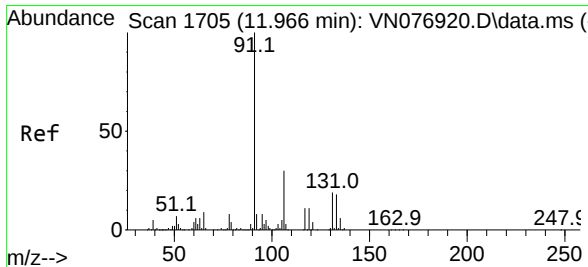
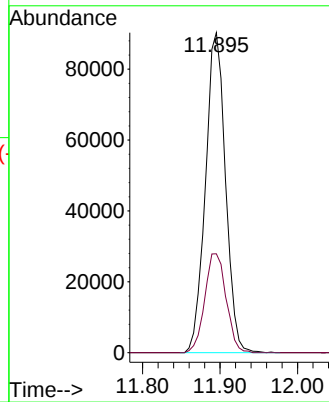
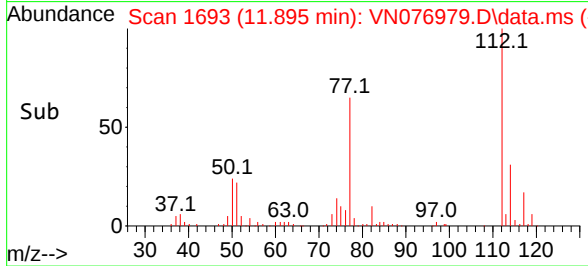
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



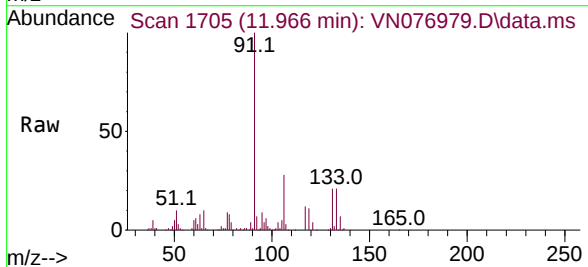
Tgt Ion:112 Resp: 16216
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

Manual Integrations
APPROVED

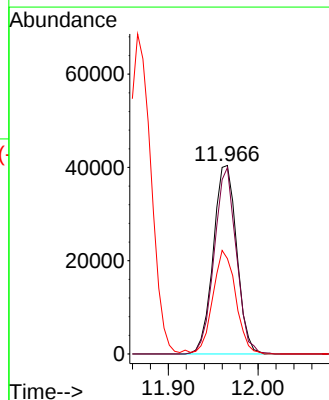
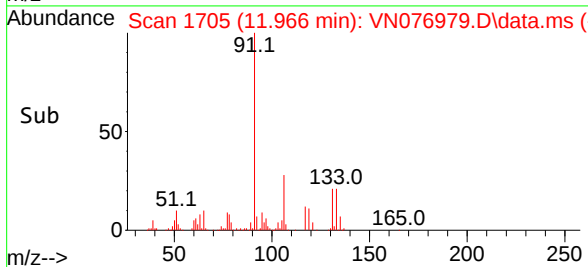
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

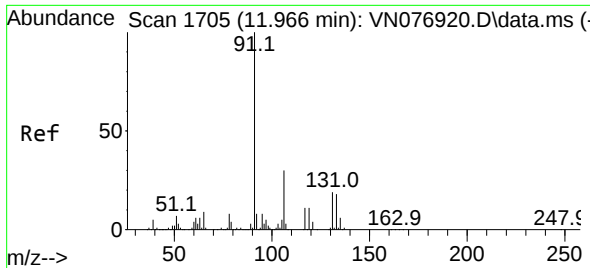


#66
1,1,1,2-Tetrachloroethane
Concen: 22.510 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



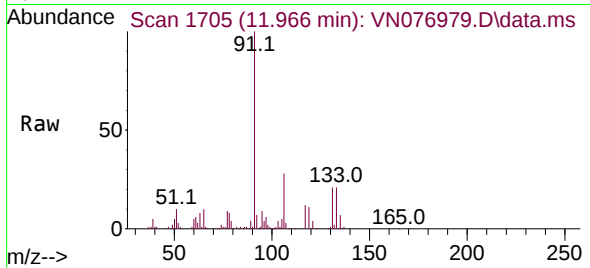
Tgt Ion:131 Resp: 73432
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.8
119 54.1 33.1 99.2





#67
Ethyl Benzene
Concen: 20.511 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

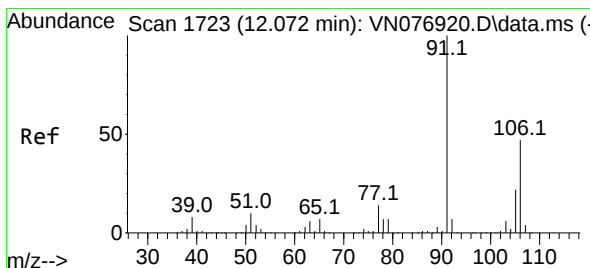
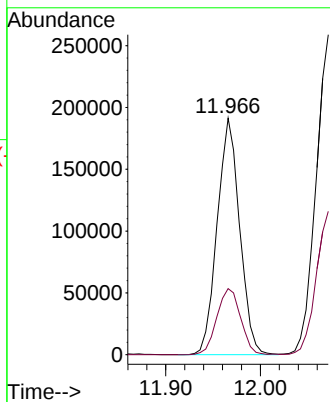
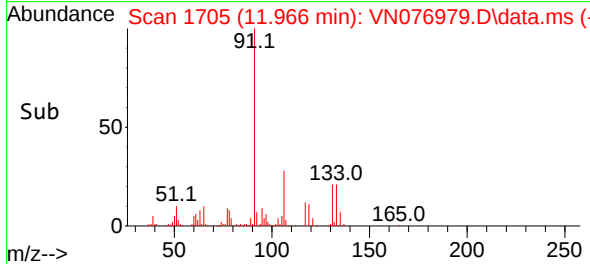
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



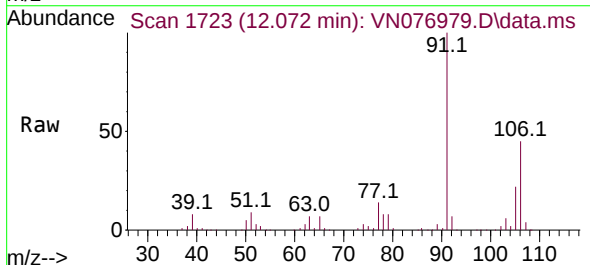
Tgt Ion: 91 Resp: 315174
Ion Ratio Lower Upper
91 100
106 27.9 25.1 37.7

Manual Integrations
APPROVED

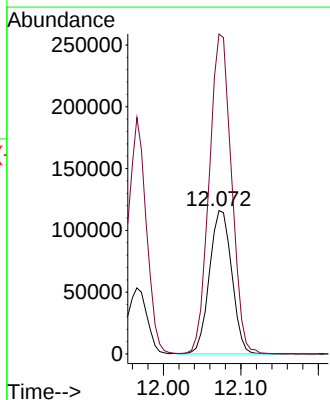
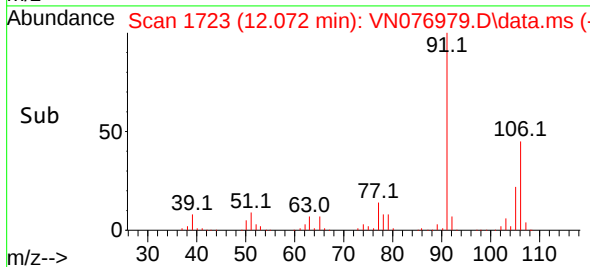
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

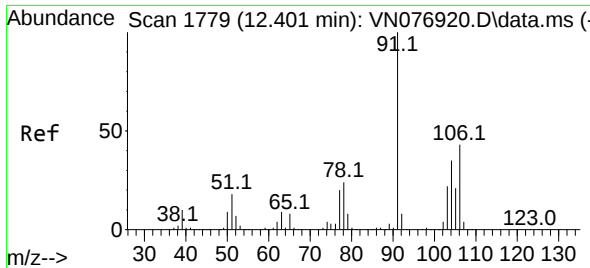


#68
m/p-Xylenes
Concen: 40.240 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



Tgt Ion:106 Resp: 232401
Ion Ratio Lower Upper
106 100
91 222.7 158.0 237.0





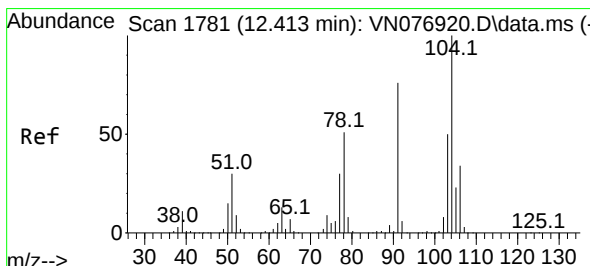
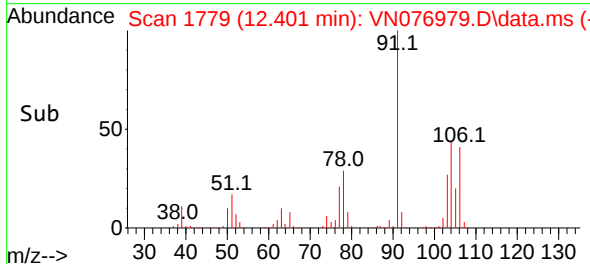
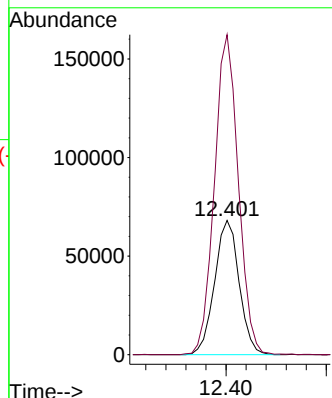
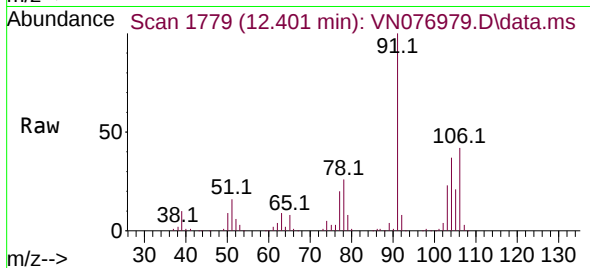
#69
o-Xylene
Concen: 20.646 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:106 Resp: 115760
Ion Ratio Lower Upper
106 100
91 232.2 101.8 305.4

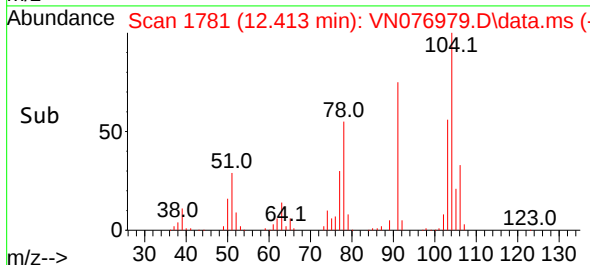
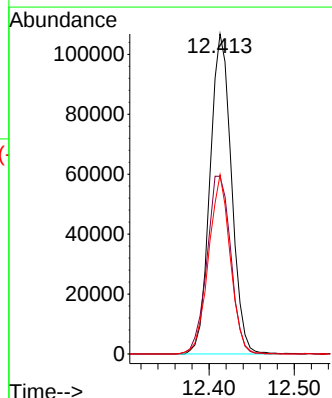
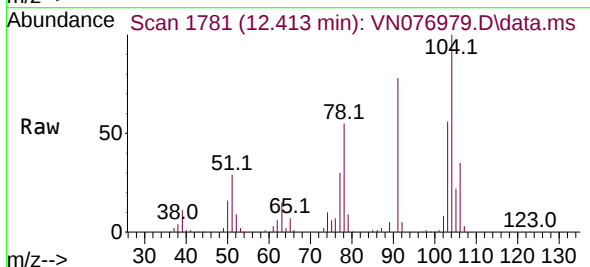
Manual Integrations
APPROVED

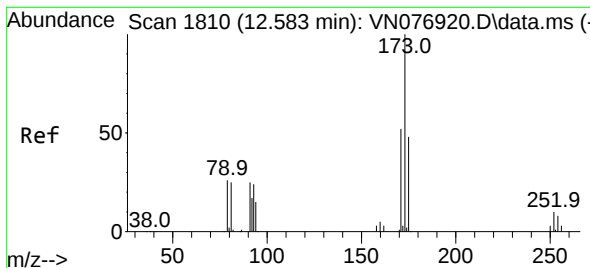
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 20.684 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion:104 Resp: 187356
Ion Ratio Lower Upper
104 100
78 61.5 36.6 55.0#
103 56.3 43.4 65.0





#71

Bromoform

Concen: 23.931 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

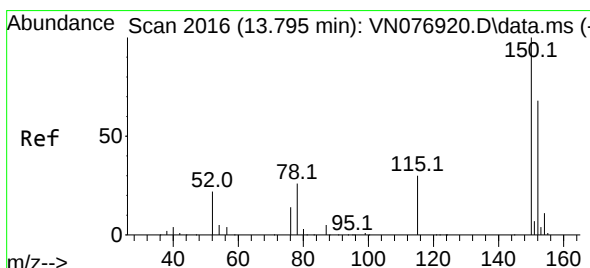
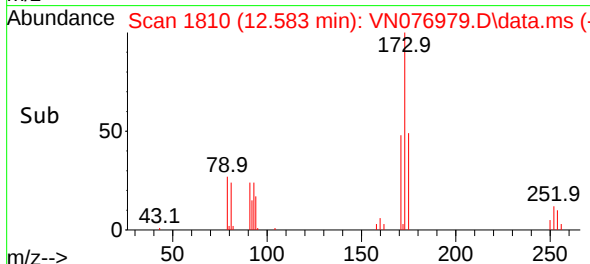
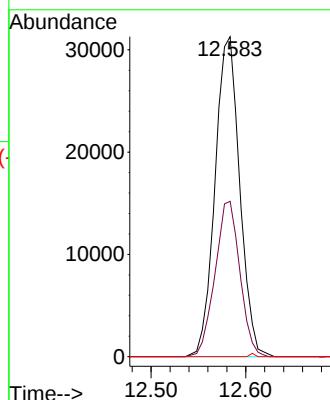
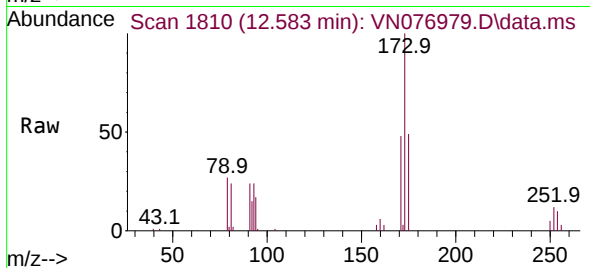
Tgt Ion:173	Resp:	5657
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.9 74.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

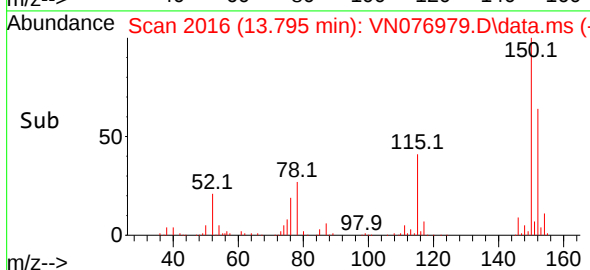
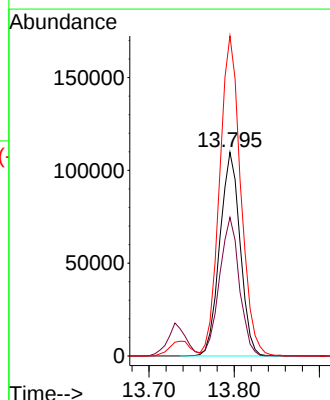
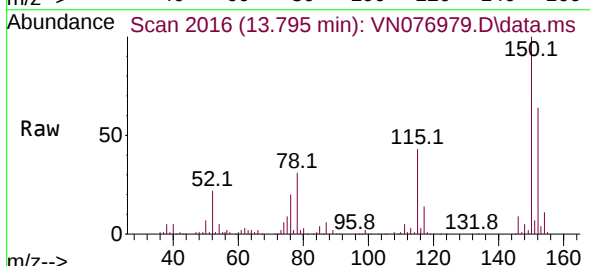
RT: 13.795 min Scan# 2016

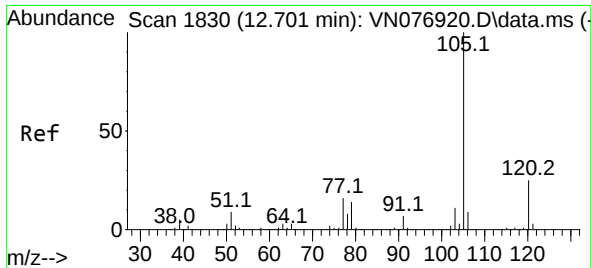
Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Tgt Ion:152	Resp:	181932
Ion Ratio	Lower	Upper
152	100	
115	66.2	30.3 90.9
150	163.6	0.0 353.6





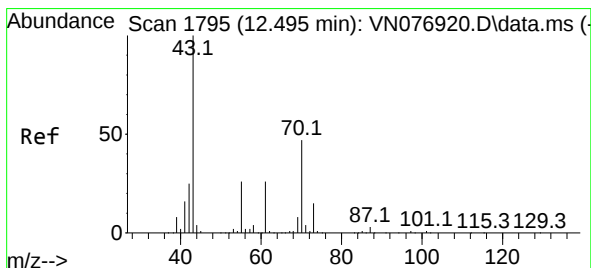
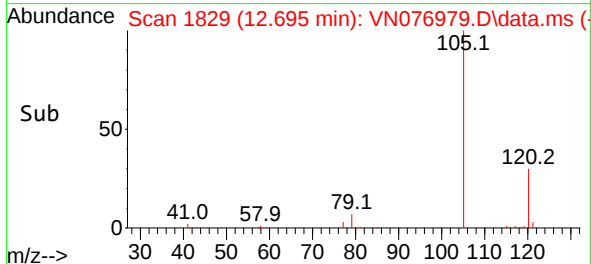
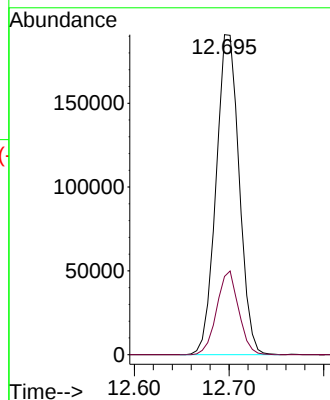
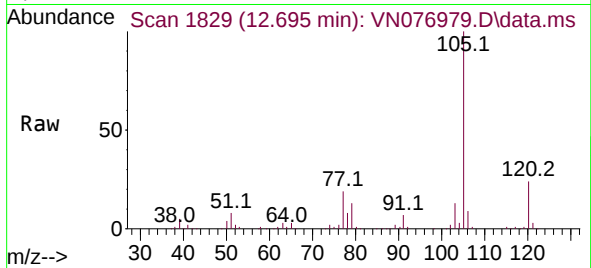
#73
Isopropylbenzene
Concen: 19.988 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:105 Resp: 32403
Ion Ratio Lower Upper
105 100
120 24.8 13.8 41.4

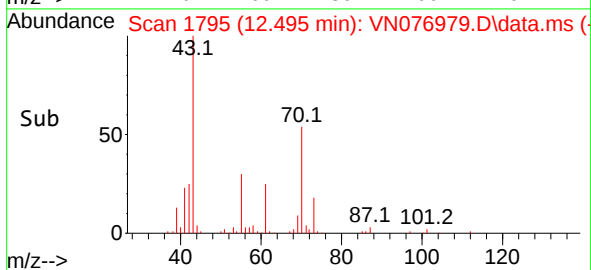
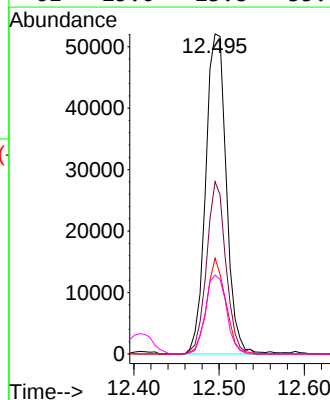
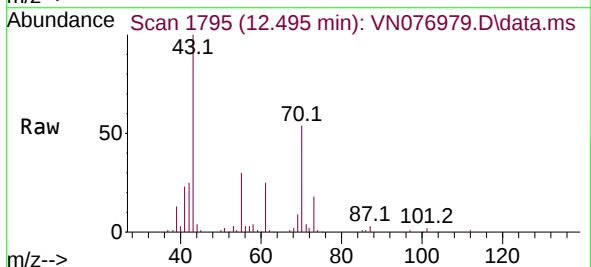
Manual Integrations
APPROVED

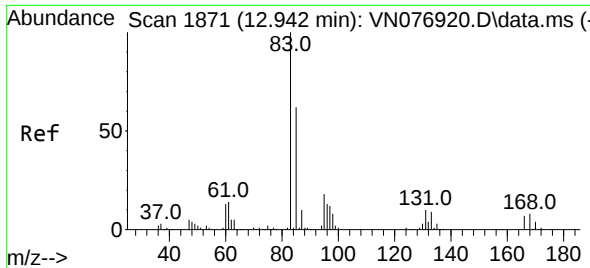
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#74
N-ethyl acetate
Concen: 16.324 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

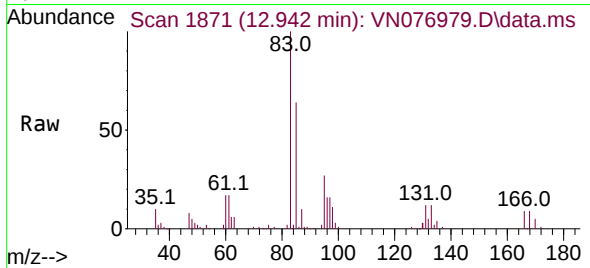
Tgt Ion: 43 Resp: 87621
Ion Ratio Lower Upper
43 100
70 50.4 46.8 70.2
55 27.5 23.4 35.2
61 25.0 23.8 35.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.656 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

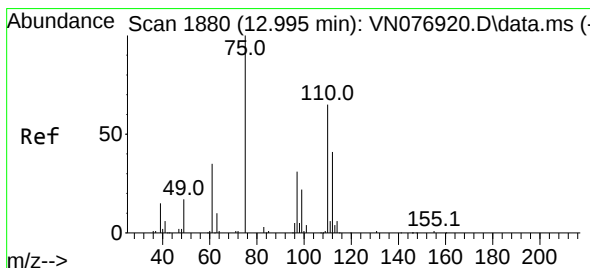
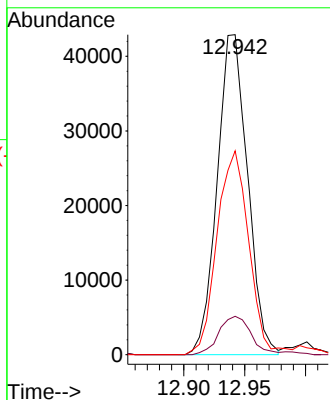
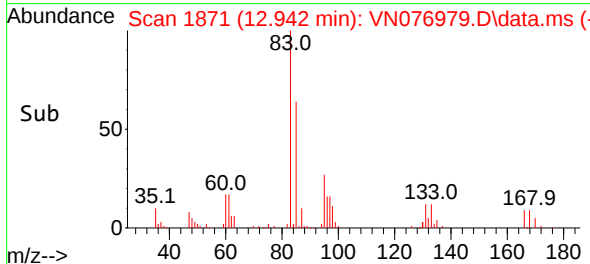
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



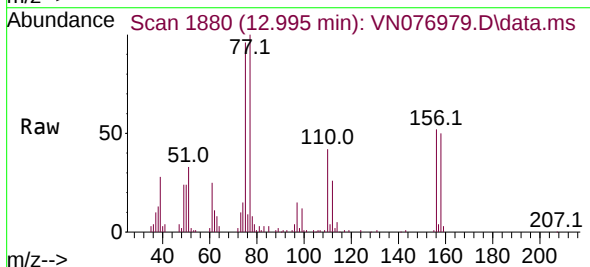
Tgt Ion: 83 Resp: 7468
 Ion Ratio Lower Upper
 83 100
 131 13.2 5.3 16.1
 85 66.3 32.0 96.0

Manual Integrations
 APPROVED

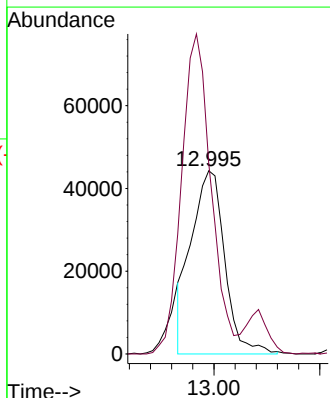
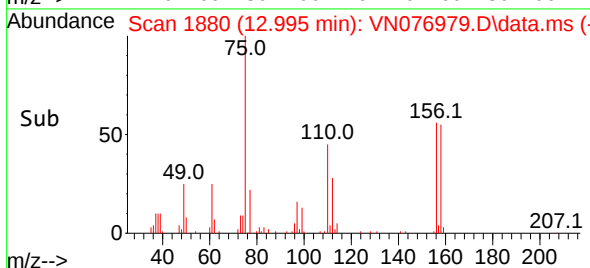
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

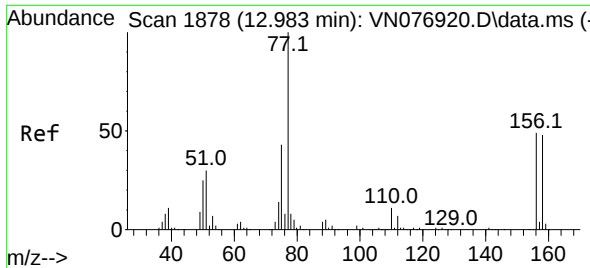


#76
 1,2,3-Trichloropropane
 Concen: 22.167 ug/l m
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44



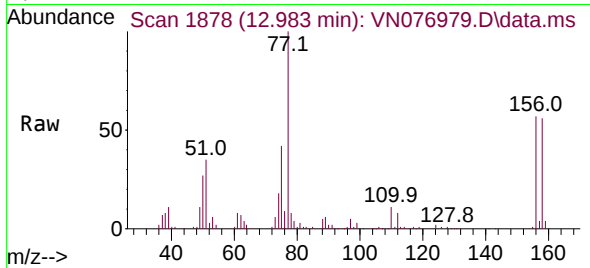
Tgt Ion: 75 Resp: 97774
 Ion Ratio Lower Upper
 75 100
 77 152.9 93.8 281.4





#77
Bromobenzene
Concen: 20.365 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

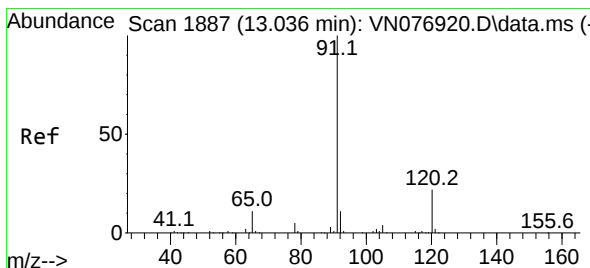
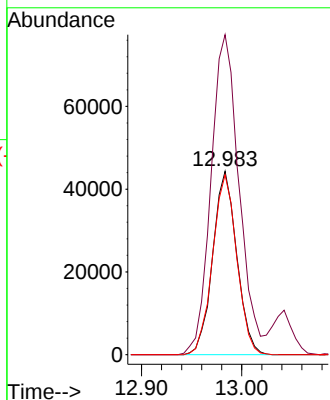
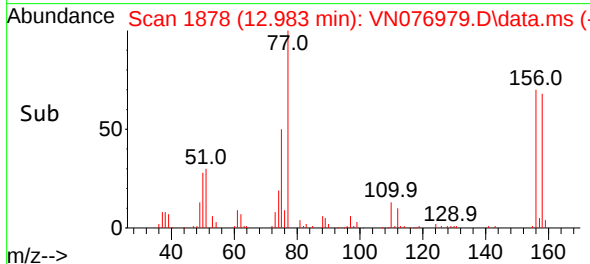
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:156 Resp: 7380
Ion Ratio Lower Upper
156 100
77 202.6 101.3 303.7
158 98.7 48.9 146.7

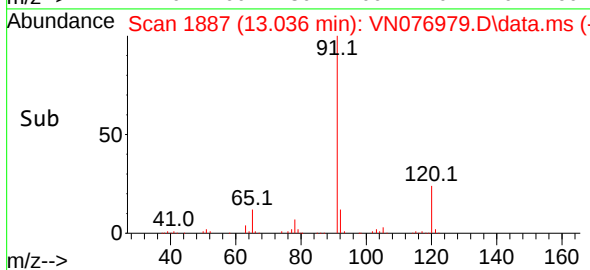
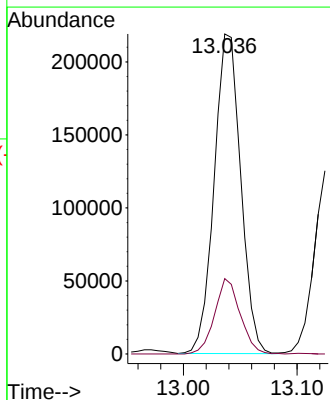
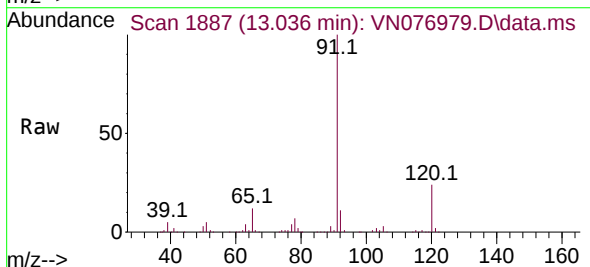
Manual Integrations
APPROVED

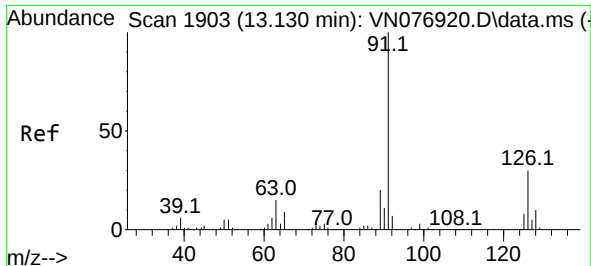
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#78
n-propylbenzene
Concen: 19.686 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 91 Resp: 355388
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.7





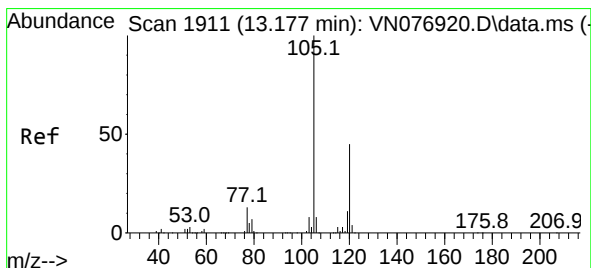
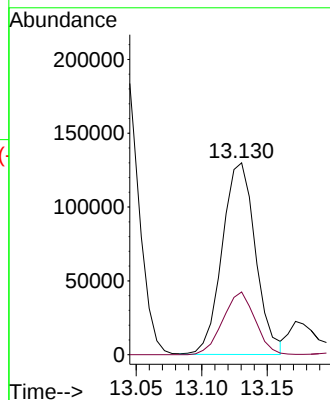
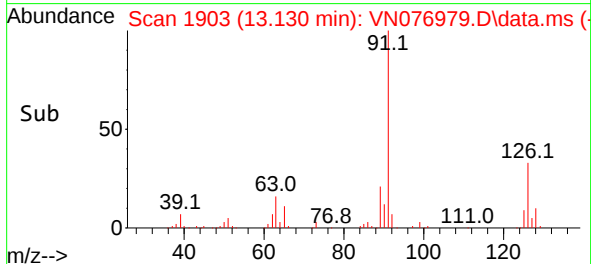
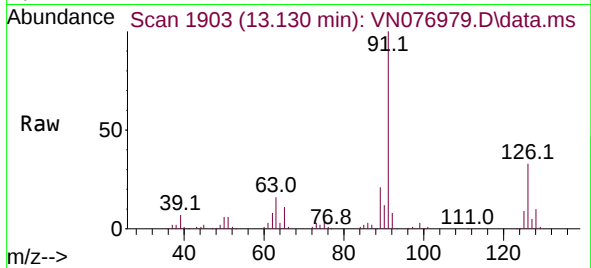
#79
2-Chlorotoluene
Concen: 19.596 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 91 Resp: 229400
Ion Ratio Lower Upper
91 100
126 31.7 17.7 53.1

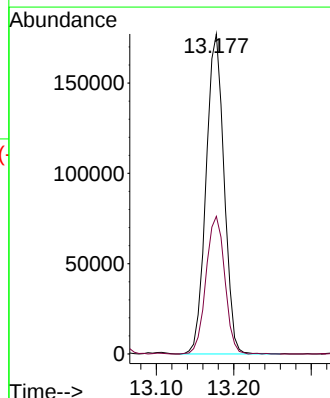
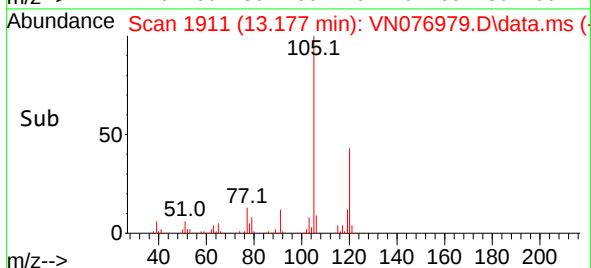
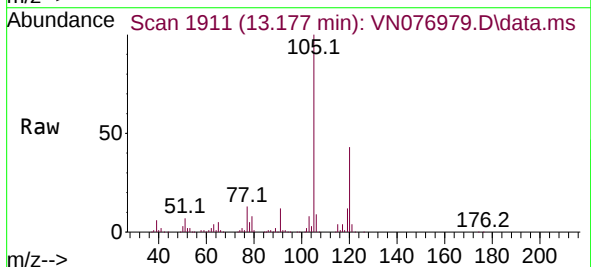
Manual Integrations
APPROVED

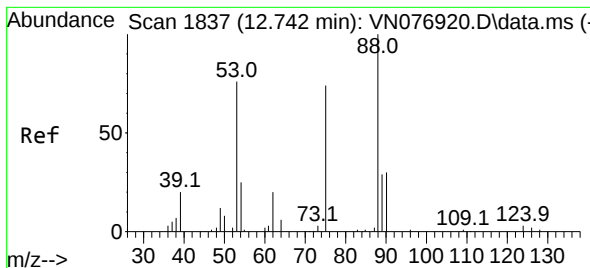
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.660 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion:105 Resp: 285307
Ion Ratio Lower Upper
105 100
120 44.8 25.2 75.6





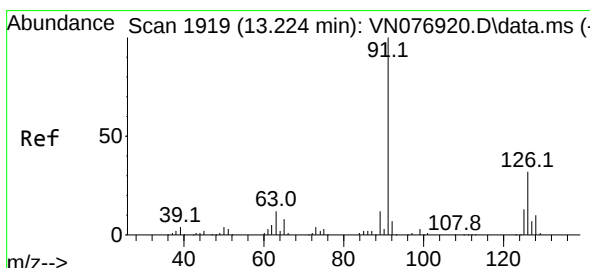
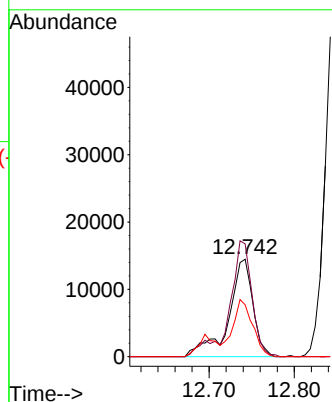
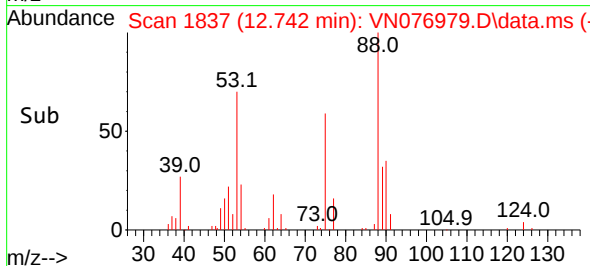
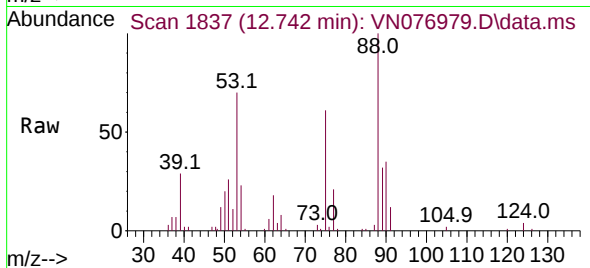
#81
trans-1,4-Dichloro-2-butene
Concen: 21.294 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 75 Resp: 28754
Ion Ratio Lower Upper
75 100
53 95.5 67.4 101.0
89 47.9 39.5 59.3

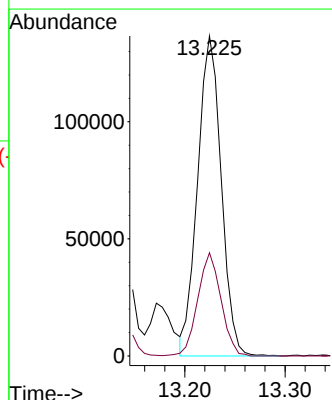
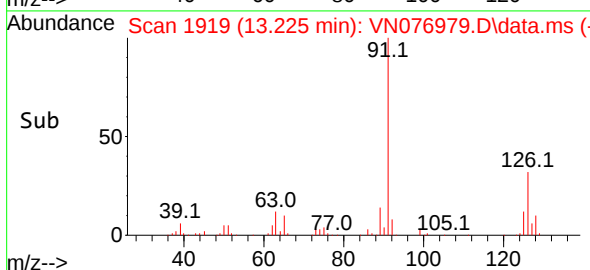
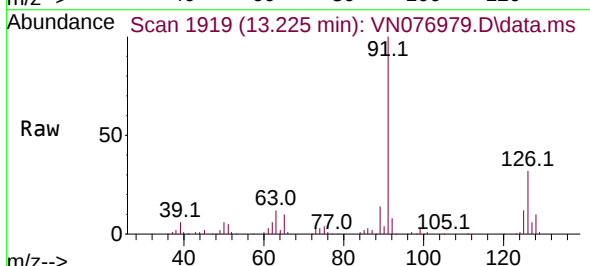
Manual Integrations
APPROVED

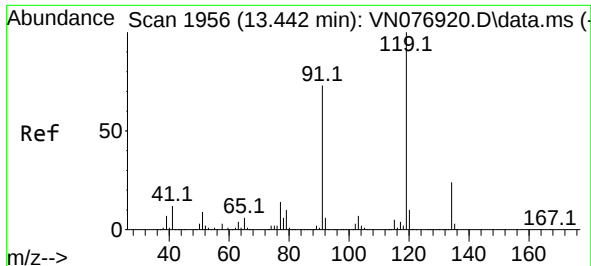
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 20.267 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.001 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

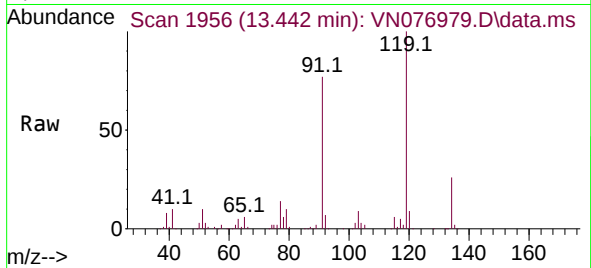
Tgt Ion: 91 Resp: 224189
Ion Ratio Lower Upper
91 100
126 31.7 18.0 54.0





#83
tert-Butylbenzene
Concen: 20.767 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

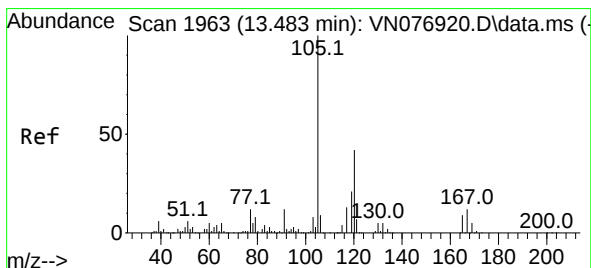
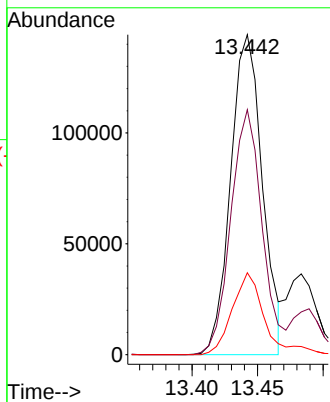
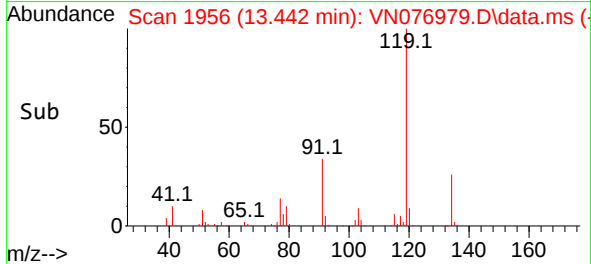
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



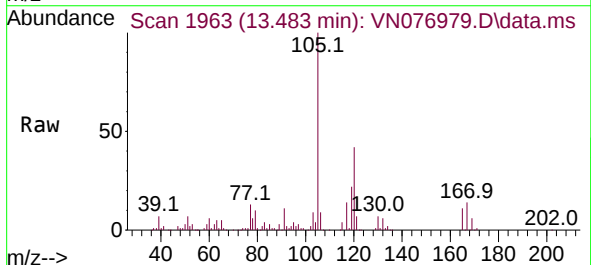
Tgt Ion:119 Resp: 243630
Ion Ratio Lower Upper
119 100
91 76.0 31.9 95.5
134 26.1 13.8 41.4

Manual Integrations
APPROVED

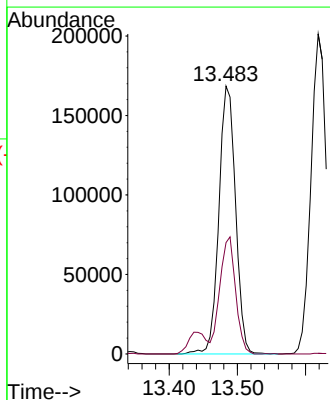
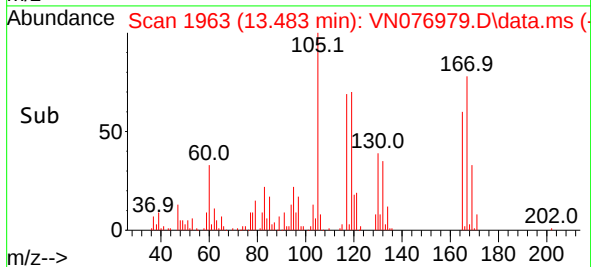
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

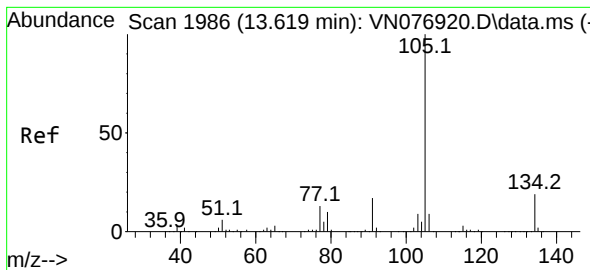


#84
1,2,4-Trimethylbenzene
Concen: 20.748 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44



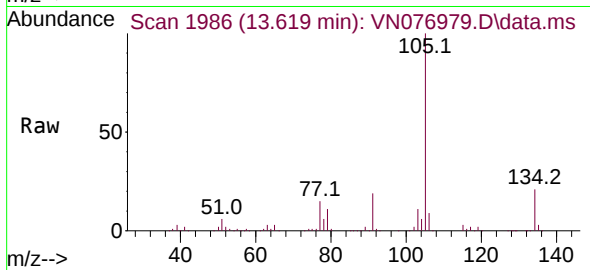
Tgt Ion:105 Resp: 286654
Ion Ratio Lower Upper
105 100
120 41.3 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 20.105 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44

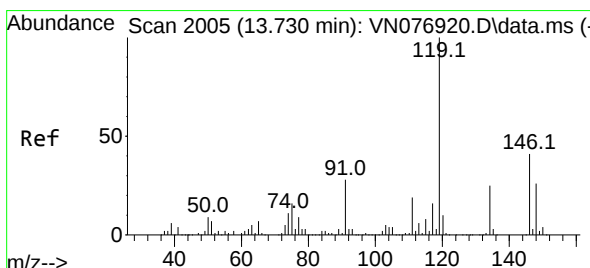
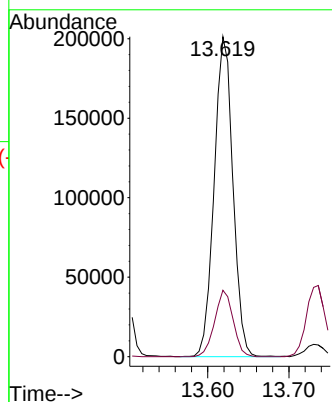
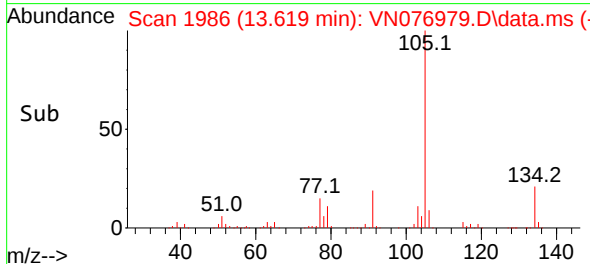
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



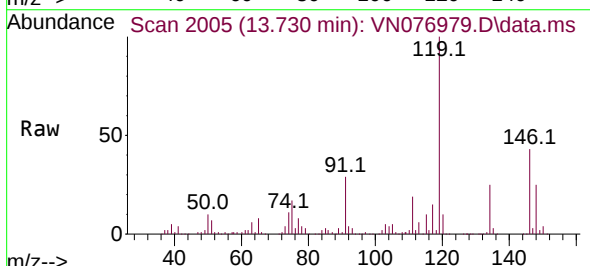
Tgt Ion:105 Resp: 32330
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

Manual Integrations
 APPROVED

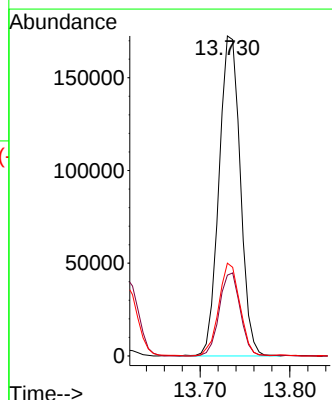
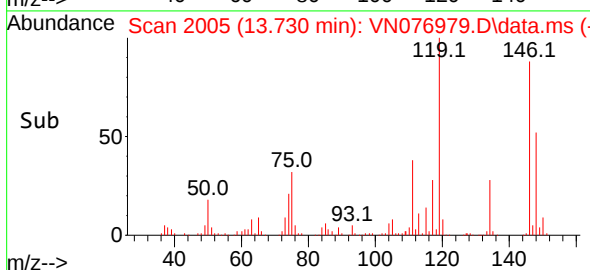
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

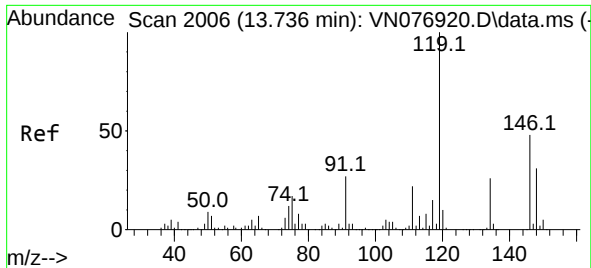


#86
 p-Isopropyltoluene
 Concen: 21.877 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076979.D
 Acq: 14 Mar 2023 13:44



Tgt Ion:119 Resp: 284093
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 28.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.319 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion:146 Resp: 13421

Ion Ratio Lower Upper

146 100

111 44.3 20.4 61.2

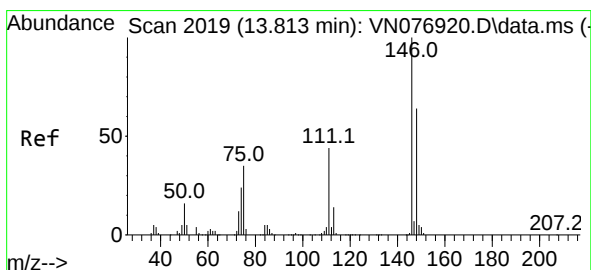
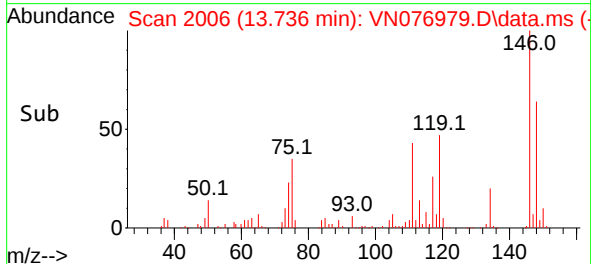
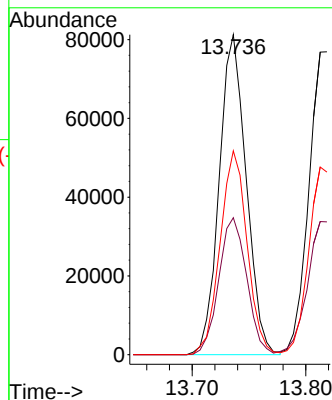
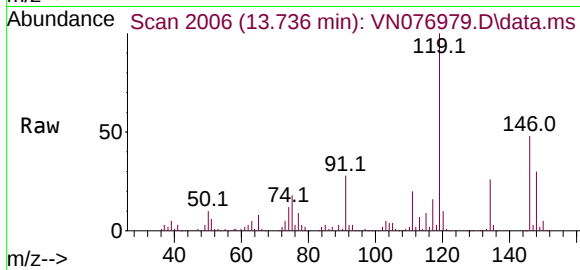
148 63.8 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 19.970 ug/l

RT: 13.819 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

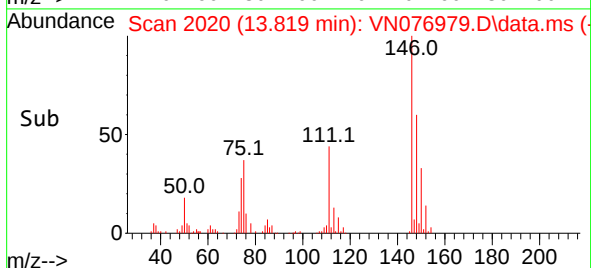
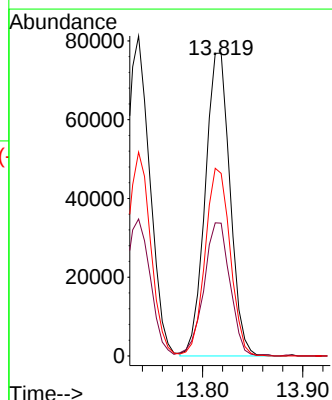
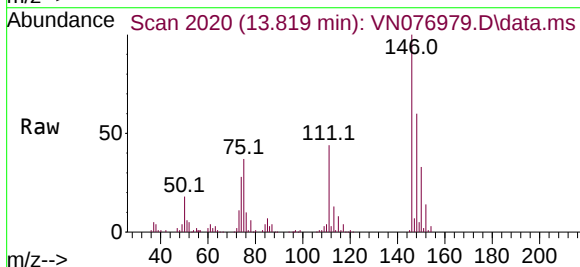
Tgt Ion:146 Resp: 132317

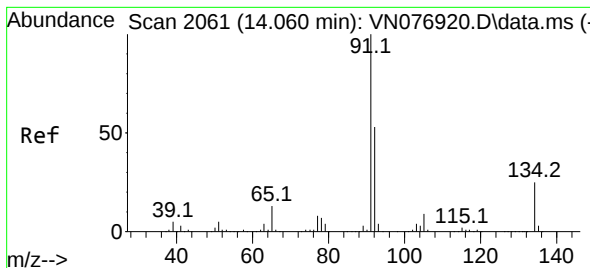
Ion Ratio Lower Upper

146 100

111 46.2 20.0 60.0

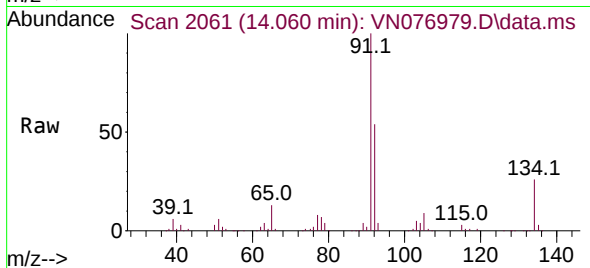
148 62.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.892 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

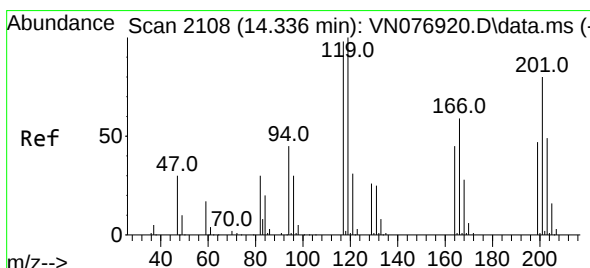
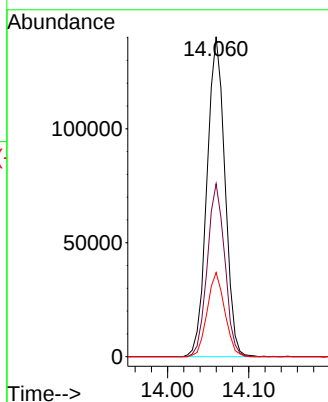
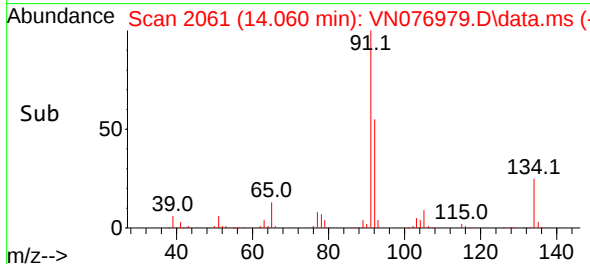
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 91 Resp: 21556
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 25.7 13.6 40.7

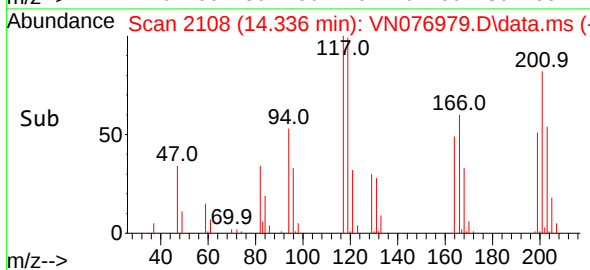
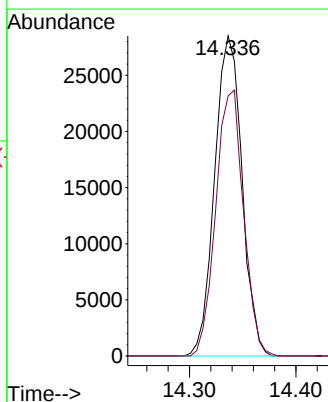
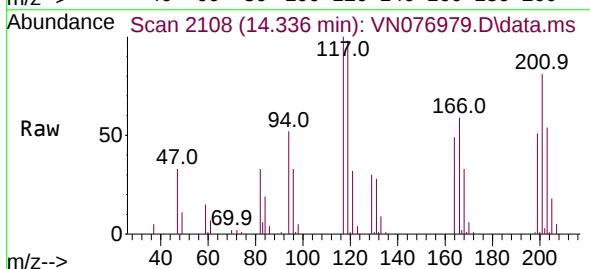
Manual Integrations
APPROVED

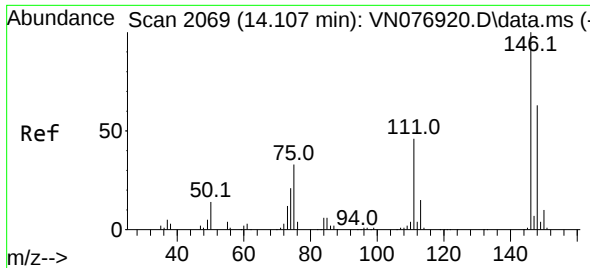
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 20.369 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

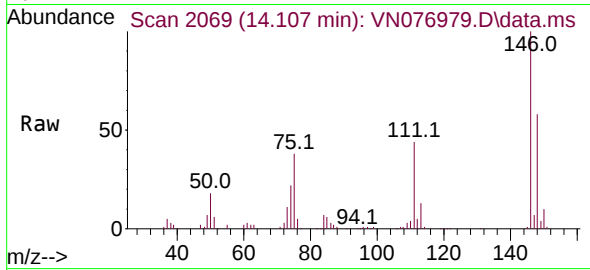
Tgt Ion:117 Resp: 50826
Ion Ratio Lower Upper
117 100
201 84.2 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 19.639 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

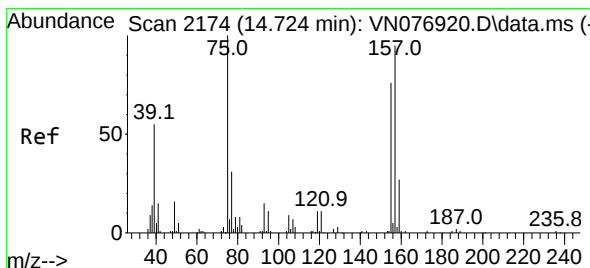
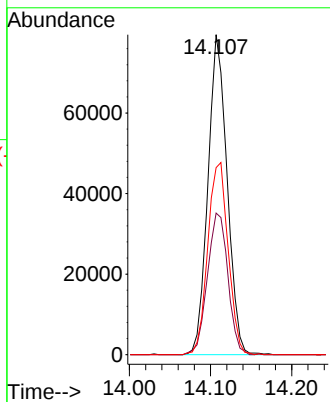
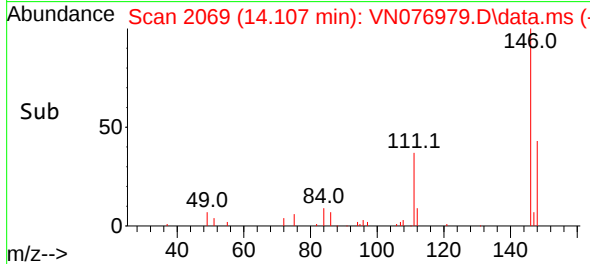
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:146 Resp: 130308
Ion Ratio Lower Upper
146 100
111 47.2 21.4 64.2
148 63.8 32.0 96.0

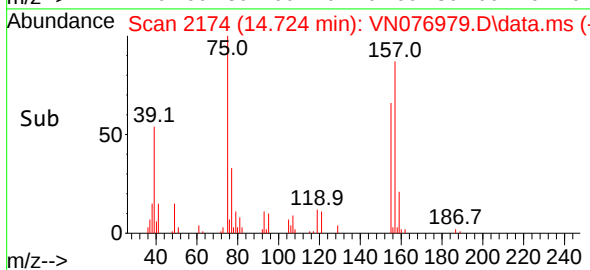
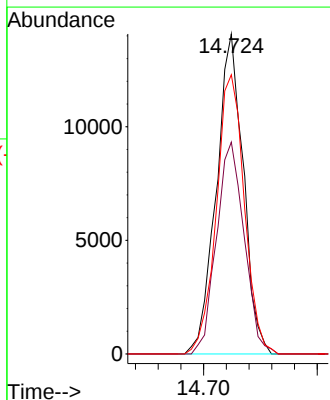
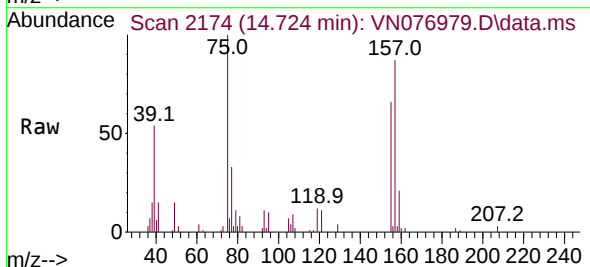
Manual Integrations
APPROVED

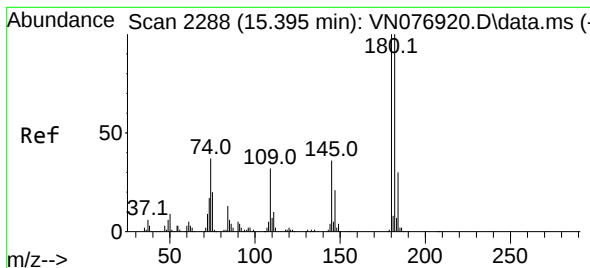
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.021 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076979.D
Acq: 14 Mar 2023 13:44

Tgt Ion: 75 Resp: 23192
Ion Ratio Lower Upper
75 100
155 68.0 44.3 132.8
157 90.6 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 21.222 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

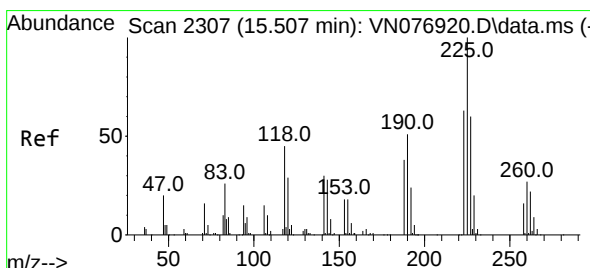
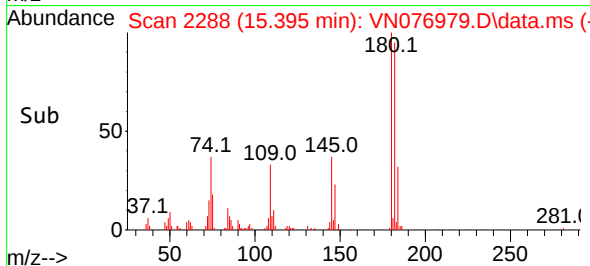
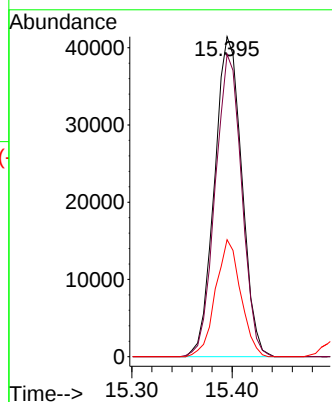
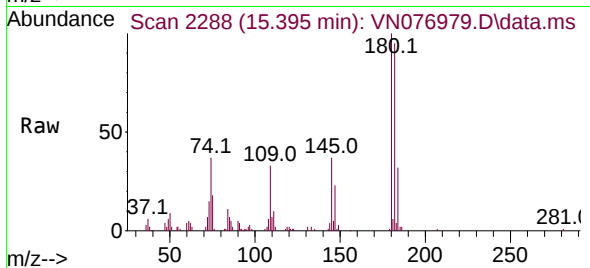
Tgt Ion:180	Resp:	7827
Ion Ratio	Lower	Upper
180	100	
182	91.6	47.4 142.2
145	33.7	15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#94

Hexachlorobutadiene

Concen: 24.950 ug/l

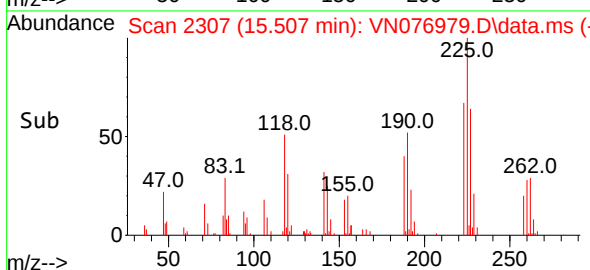
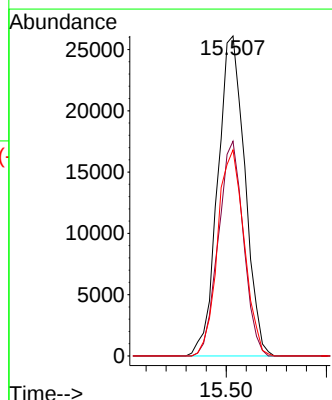
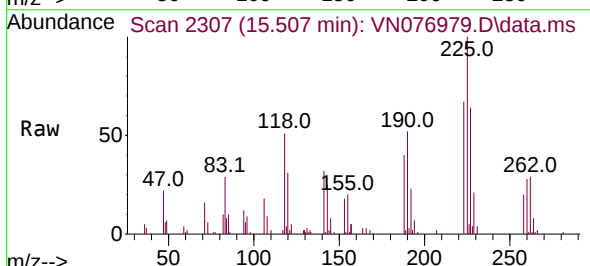
RT: 15.507 min Scan# 2307

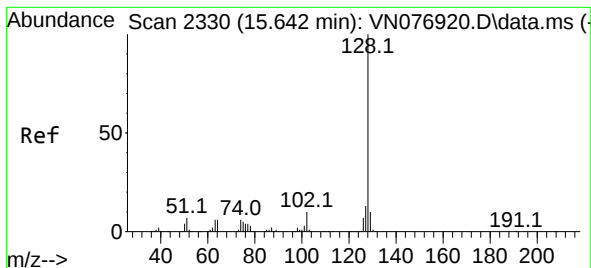
Delta R.T. -0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Tgt Ion:225	Resp:	49028
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.0
227	62.8	30.9 92.7





#95

Naphthalene

Concen: 20.630 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

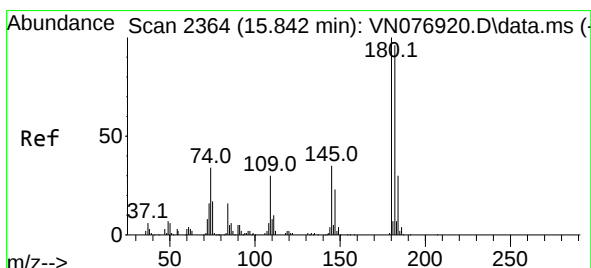
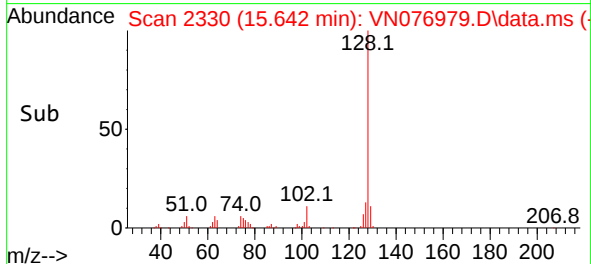
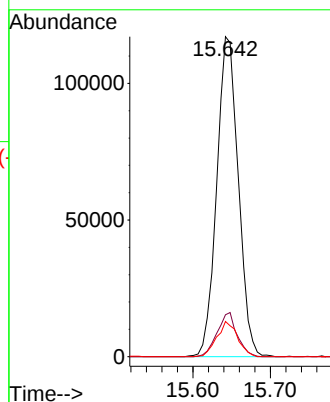
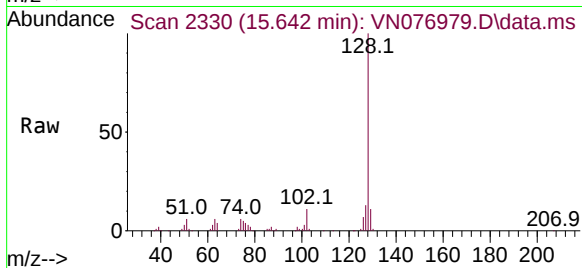
Tgt Ion:	128	Resp:	22653
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.580 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN076979.D

Acq: 14 Mar 2023 13:44

Tgt Ion:	180	Resp:	77288
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.7	143.1
145	35.8	17.0	51.0

