

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076918.D
 Acq On : 10 Mar 2023 12:10
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 12:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	395249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	661793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	578374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	254992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	60032	10.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.660%#		
35) Dibromofluoromethane	8.172	113	45810	11.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.140%#		
50) Toluene-d8	10.572	98	166373	10.431	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.860%#		
62) 4-Bromofluorobenzene	12.848	95	57785	10.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.920%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	74194	16.132	ug/l	93
3) Chloromethane	2.378	50	35790	5.917	ug/l	100
4) Vinyl Chloride	2.531	62	34450	6.213	ug/l	99
5) Bromomethane	2.966	94	26832	7.365	ug/l	85
6) Chloroethane	3.137	64	22296	5.907	ug/l	97
7) Trichlorofluoromethane	3.519	101	89124	11.017	ug/l	90
8) Diethyl Ether	3.978	74	28565	9.179	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.396	101	45283	9.573	ug/l	97
10) Methyl Iodide	4.601	142	44338	8.987	ug/l #	88
11) Tert butyl alcohol	5.531	59	39715	48.263	ug/l	99
12) 1,1-Dichloroethene	4.348	96	41796	9.476	ug/l	96
13) Acrolein	4.201	56	34474	32.384	ug/l	97
14) Allyl chloride	5.037	41	57987	7.875	ug/l #	74
15) Acrylonitrile	5.737	53	112985	42.694	ug/l	99
16) Acetone	4.443	43	102760	42.482	ug/l	95
17) Carbon Disulfide	4.731	76	116976	9.769	ug/l	99
18) Methyl Acetate	5.043	43	71476	8.623	ug/l	89
19) Methyl tert-butyl Ether	5.813	73	146352	9.676	ug/l	96
20) Methylene Chloride	5.295	84	50484	8.945	ug/l #	91
21) trans-1,2-Dichloroethene	5.801	96	42844	8.984	ug/l #	71
22) Diisopropyl ether	6.684	45	134998	8.149	ug/l #	92
23) Vinyl Acetate	6.619	43	419755	39.777	ug/l #	92
24) 1,1-Dichloroethane	6.584	63	87461	9.258	ug/l	97
25) 2-Butanone	7.495	43	140694	39.818	ug/l	90
26) 2,2-Dichloropropane	7.501	77	75138	10.860	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	52533	9.403	ug/l	91
28) Bromochloromethane	7.825	49	33523	8.391	ug/l	84
29) Tetrahydrofuran	7.848	42	90647	39.767	ug/l #	85
30) Chloroform	7.972	83	92265	9.833	ug/l	97
31) Cyclohexane	8.266	56	86543	9.245	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	86961	10.703	ug/l	92
36) 1,1-Dichloropropene	8.378	75	66869	10.049	ug/l	96
37) Ethyl Acetate	7.572	43	58772	8.605	ug/l	96
38) Carbon Tetrachloride	8.366	117	78351	11.591	ug/l	99
39) Methylcyclohexane	9.607	83	79394	9.680	ug/l #	85
40) Benzene	8.613	78	199793	9.857	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	31068	8.330	ug/l #	88
42) 1,2-Dichloroethane	8.678	62	75777	10.732	ug/l	95
43) Isopropyl Acetate	8.695	43	92596	8.856	ug/l	94
44) Trichloroethene	9.354	130	49337	10.266	ug/l	91
45) 1,2-Dichloropropane	9.625	63	48328	9.226	ug/l	96
46) Dibromomethane	9.707	93	34680	10.424	ug/l	98
47) Bromodichloromethane	9.889	83	71695	10.483	ug/l #	95
48) Methyl methacrylate	9.689	41	44570	8.772	ug/l	88
49) 1,4-Dioxane	9.695	88	18283	196.329	ug/l #	81
51) 4-Methyl-2-Pentanone	10.448	43	295358	44.784	ug/l	91
52) Toluene	10.630	92	122792	10.174	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	70928	10.699	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	76835	10.090	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	47653	9.925	ug/l	93
56) Ethyl methacrylate	10.877	69	69929	9.776	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	81457	9.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	107854	43.515	ug/l	94
59) 2-Hexanone	11.201	43	207467	43.412	ug/l	93
60) Dibromochloromethane	11.360	129	49757	10.517	ug/l	99
61) 1,2-Dibromoethane	11.472	107	46458	10.068	ug/l	99
64) Tetrachloroethene	11.101	164	41693	9.687	ug/l	98
65) Chlorobenzene	11.895	112	125870	10.070	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	49261	10.895	ug/l	97
67) Ethyl Benzene	11.966	91	228329	10.060	ug/l	99
68) m/p-Xylenes	12.077	106	171181	20.047	ug/l	86
69) o-Xylene	12.401	106	86361	10.270	ug/l	87
70) Styrene	12.413	104	136930	10.386	ug/l	93
71) Bromoform	12.577	173	34800	11.307	ug/l #	99
73) Isopropylbenzene	12.701	105	225221	10.133	ug/l	96
74) N-amyl acetate	12.495	43	73342	8.437	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.942	83	66785	9.376	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	66497m	10.340	ug/l	
77) Bromobenzene	12.983	156	47695	9.697	ug/l	82
78) n-propylbenzene	13.036	91	246087	9.709	ug/l	96
79) 2-Chlorotoluene	13.124	91	160087	9.846	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	197256	10.589	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.736	75	18661	9.570	ug/l	87
82) 4-Chlorotoluene	13.224	91	154614	10.030	ug/l	92
83) tert-Butylbenzene	13.442	119	164509	10.334	ug/l	92
84) 1,2,4-Trimethylbenzene	13.483	105	196625	10.700	ug/l	91
85) sec-Butylbenzene	13.618	105	220846	9.936	ug/l	96
86) p-Isopropyltoluene	13.730	119	180841	10.173	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	88129	9.813	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	87581	9.604	ug/l	93
89) n-Butylbenzene	14.060	91	142761	9.296	ug/l	98
90) Hexachloroethane	14.336	117	33043	10.288	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	90210	9.916	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13932	10.322	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	44539	9.786	ug/l	97
94) Hexachlorobutadiene	15.507	225	26662	11.251	ug/l	98
95) Naphthalene	15.642	128	142755	9.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	45406	10.151	ug/l	97

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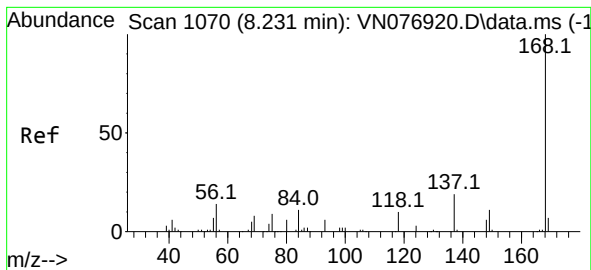
Manual Integrations
APPROVED

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Response via : Initial Calibration

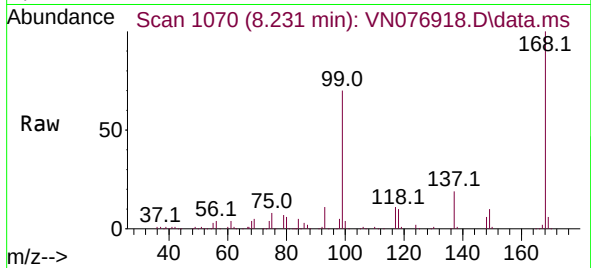
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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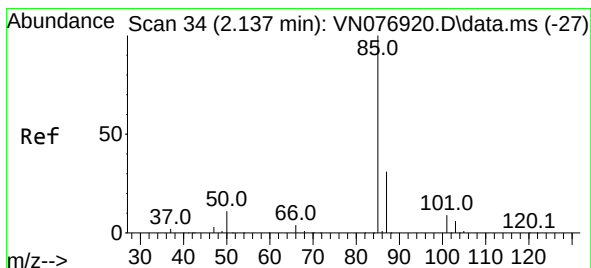
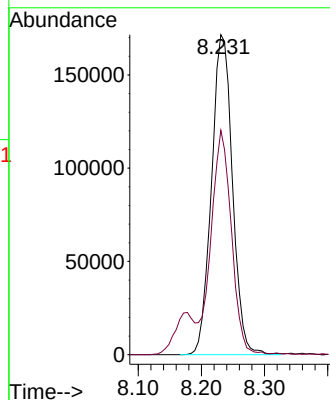
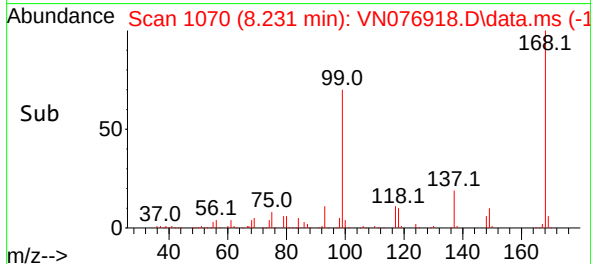
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 395249
Ion Ratio Lower Upper
168 100
99 69.8 48.6 73.0

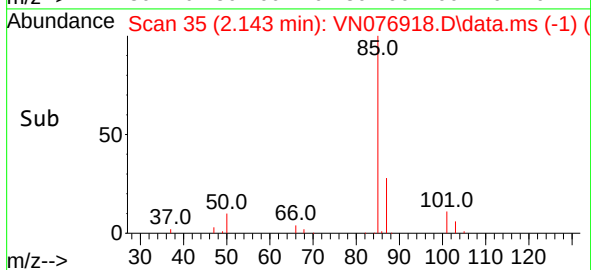
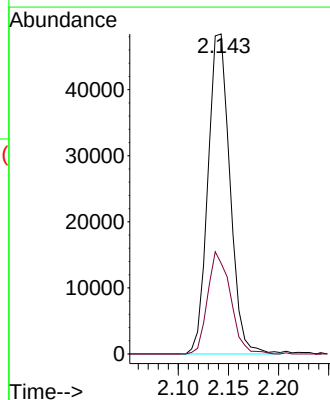
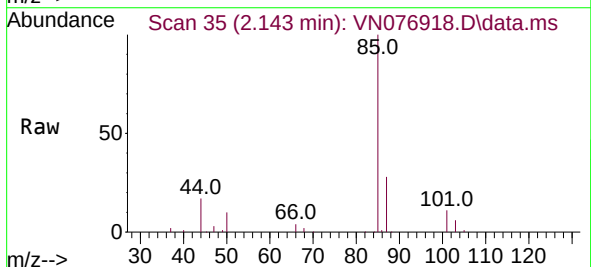
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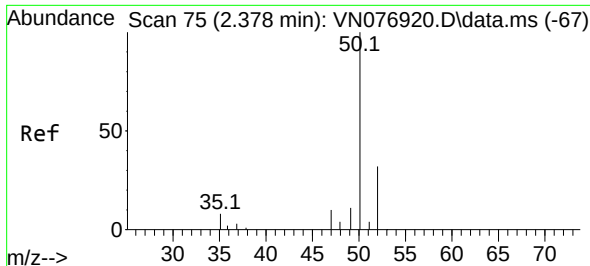
Reviewed By :John Carlone 03/13/2023
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#2
Dichlorodifluoromethane
Concen: 16.132 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 85 Resp: 74194
Ion Ratio Lower Upper
85 100
87 28.3 16.2 48.6





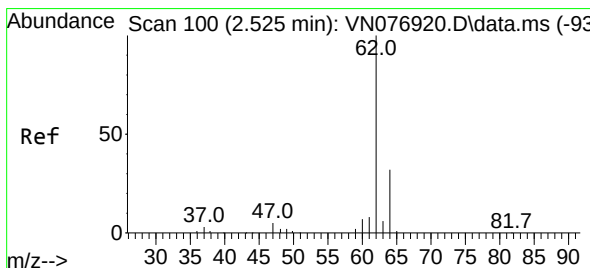
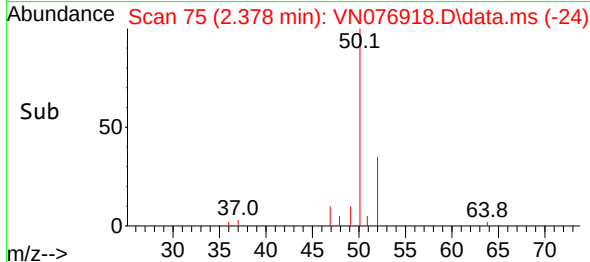
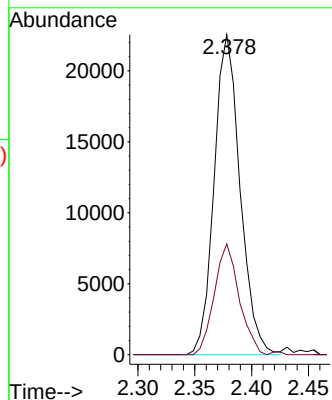
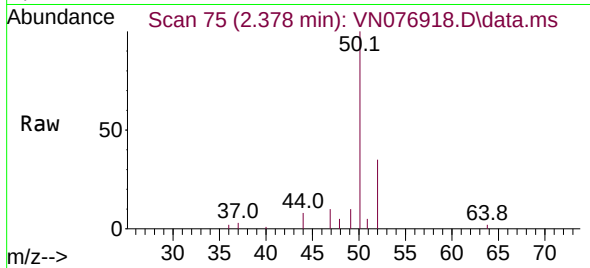
#3
Chloromethane
Concen: 5.917 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076918.D
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Tgt Ion: 50 Resp: 35790
Ion Ratio Lower Upper
50 100
52 34.7 27.9 41.9

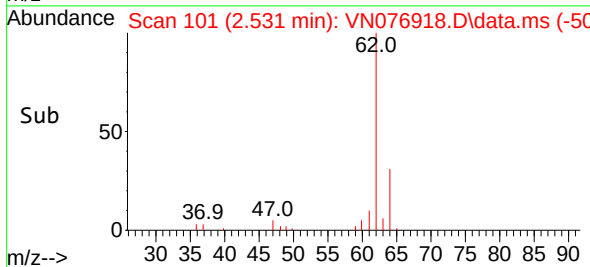
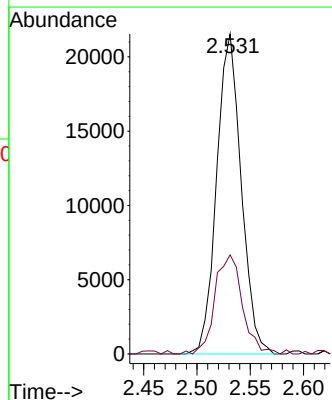
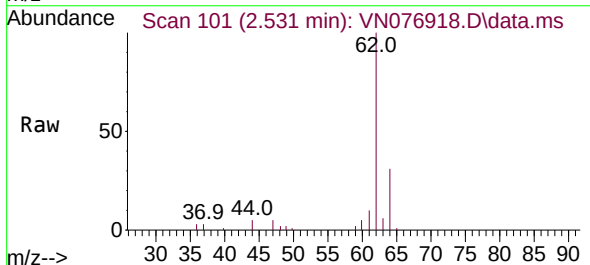
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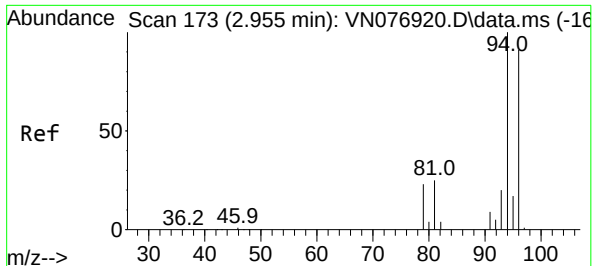
Reviewed By :John Carlone 03/13/2023
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#4
Vinyl Chloride
Concen: 6.213 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 62 Resp: 34450
Ion Ratio Lower Upper
62 100
64 31.0 24.5 36.7





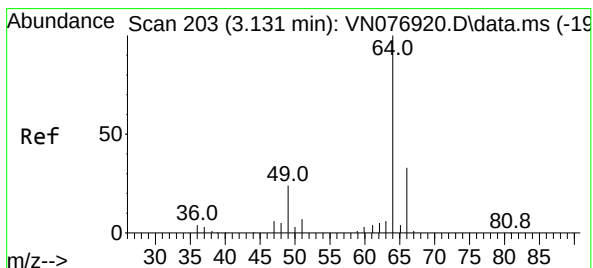
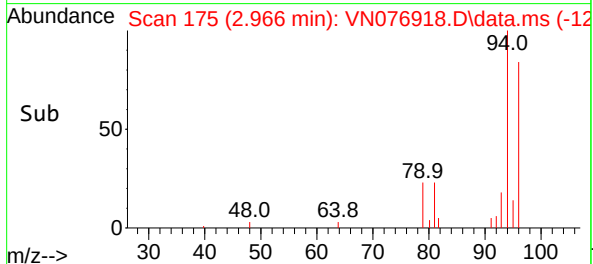
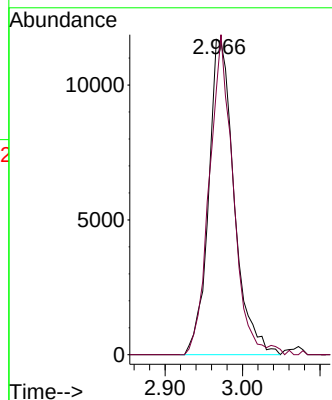
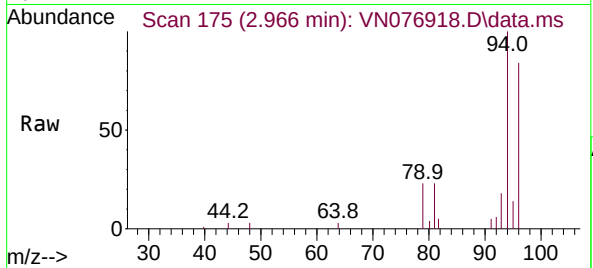
#5
Bromomethane
Concen: 7.365 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
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Tgt Ion: 94 Resp: 2683
Ion Ratio Lower Upper
94 100
96 84.0 79.0 118.6

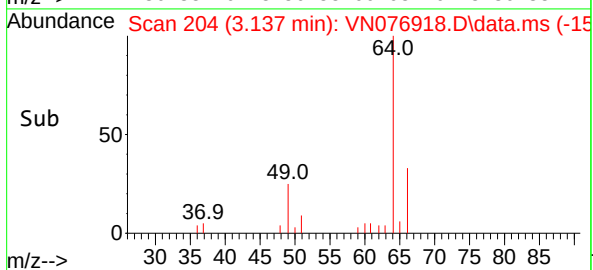
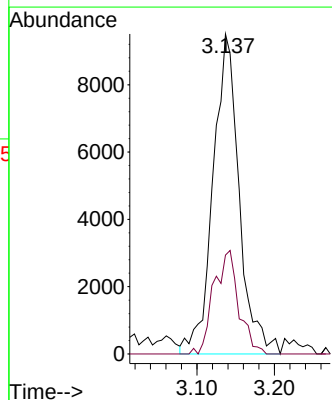
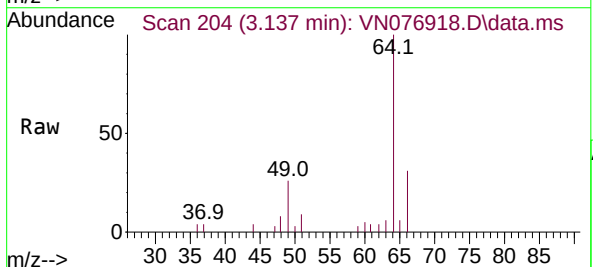
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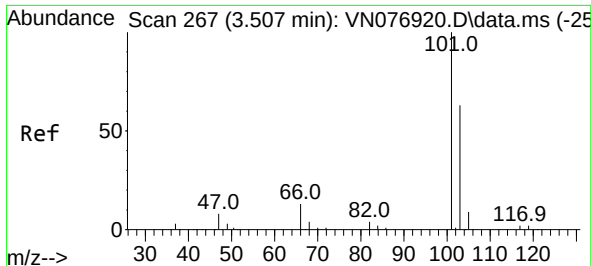
Reviewed By :John Carlone 03/13/2023
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#6
Chloroethane
Concen: 5.907 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 64 Resp: 22296
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





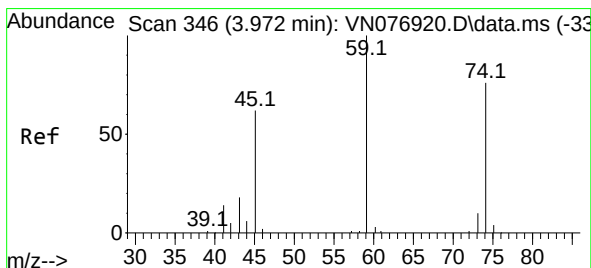
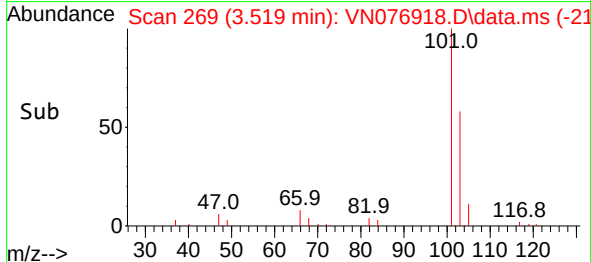
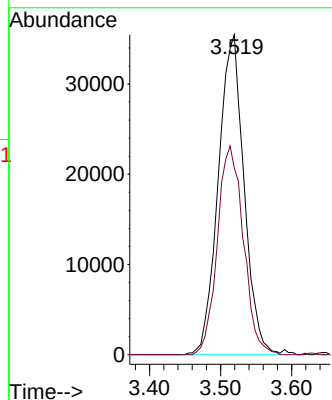
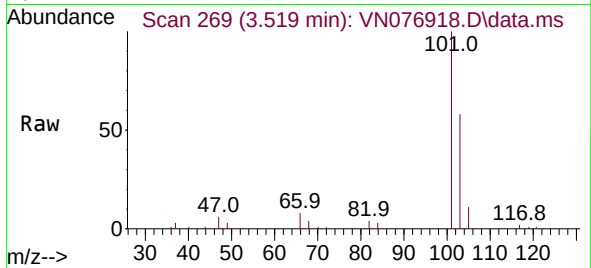
#7
 Trichlorofluoromethane
 Concen: 11.017 ug/l
 RT: 3.519 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 89124
 Ion Ratio Lower Upper
 101 100
 103 58.4 53.4 80.0

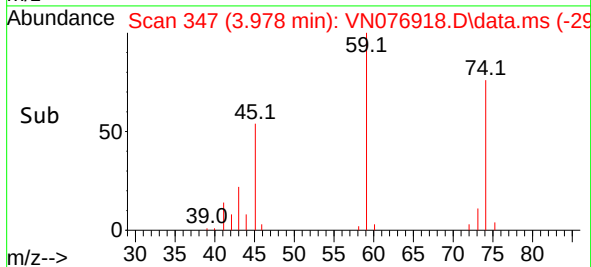
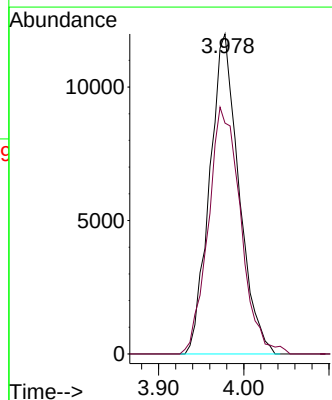
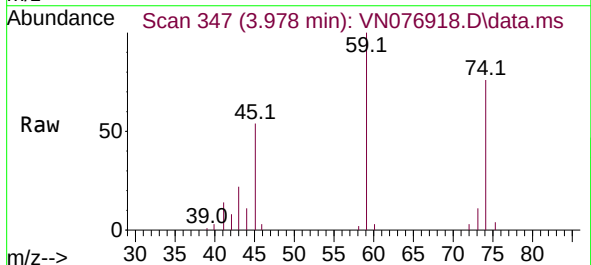
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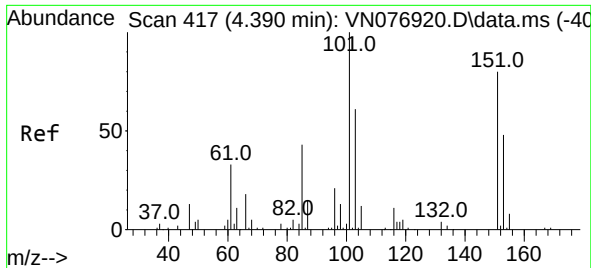
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#8
 Diethyl Ether
 Concen: 9.179 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076918.D
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Tgt Ion: 74 Resp: 28565
 Ion Ratio Lower Upper
 74 100
 45 85.5 35.5 106.5





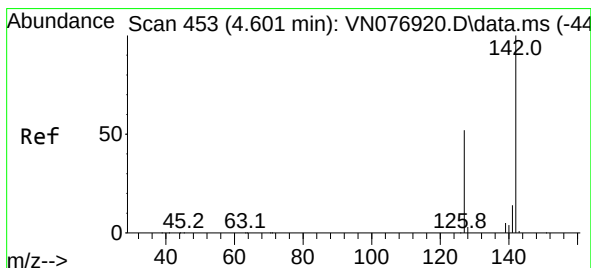
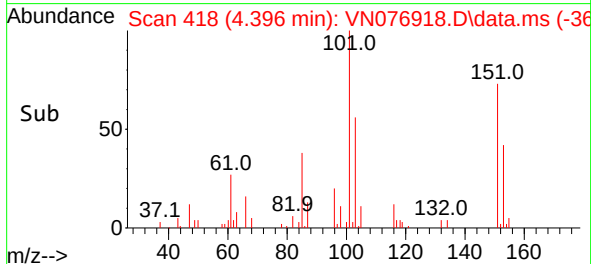
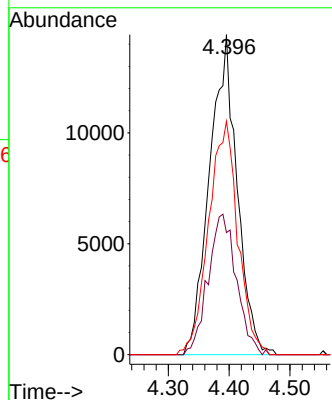
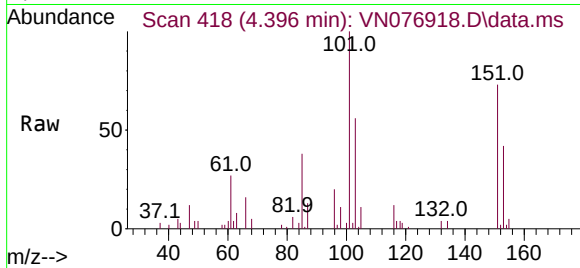
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.573 ug/l
RT: 4.396 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN076918.D
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VSTDIC010

Tgt Ion:101 Resp: 45283
Ion Ratio Lower Upper
101 100
85 45.3 35.2 52.8
151 77.3 58.9 88.3

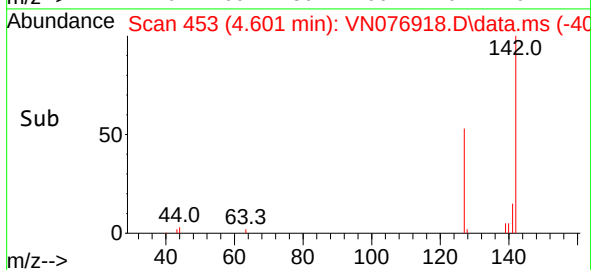
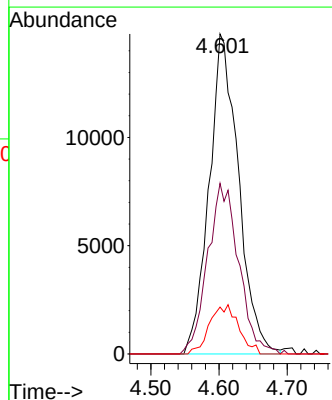
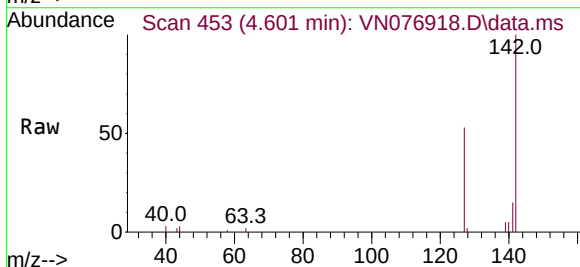
Manual Integrations
APPROVED

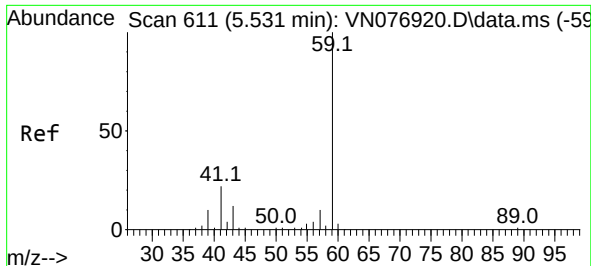
Reviewed By :John Carbone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 8.987 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

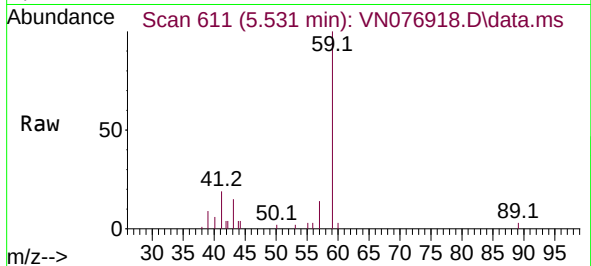
Tgt Ion:142 Resp: 44338
Ion Ratio Lower Upper
142 100
127 53.3 35.2 52.8#
141 14.7 10.2 15.2





#11
Tert butyl alcohol
Concen: 48.263 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

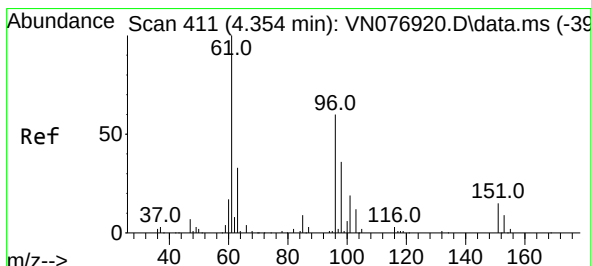
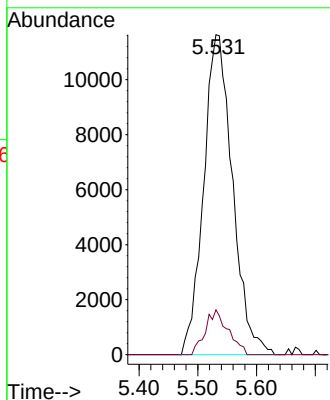
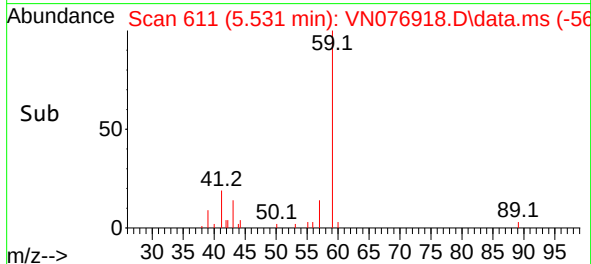
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



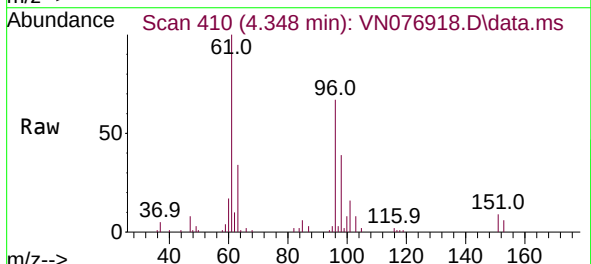
Tgt Ion: 59 Resp: 39715
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
APPROVED

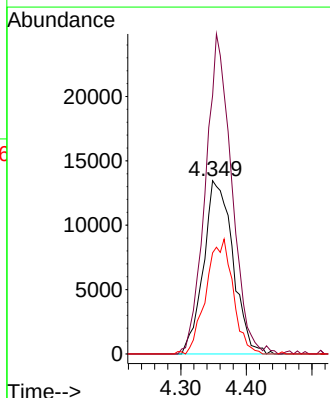
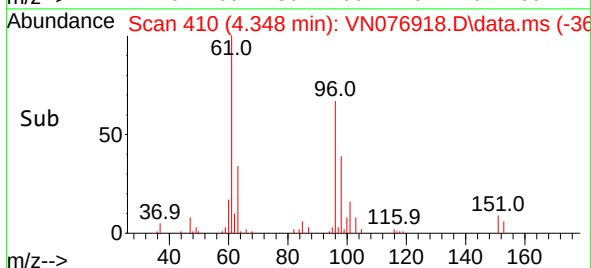
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

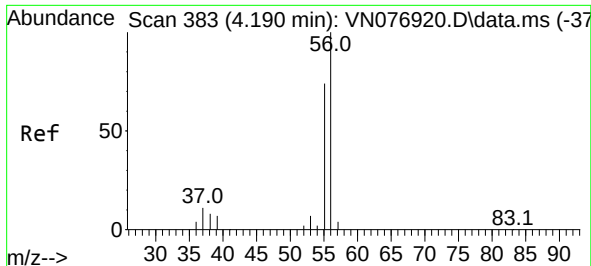


#12
1,1-Dichloroethene
Concen: 9.476 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10



Tgt Ion: 96 Resp: 41796
Ion Ratio Lower Upper
96 100
61 149.2 121.3 181.9
98 58.4 52.1 78.1





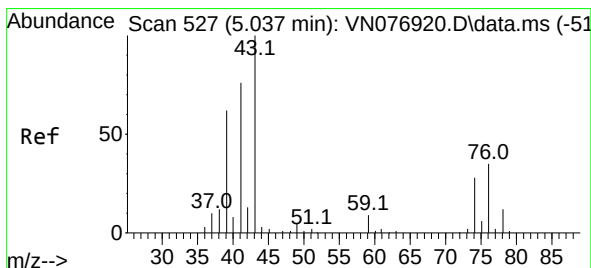
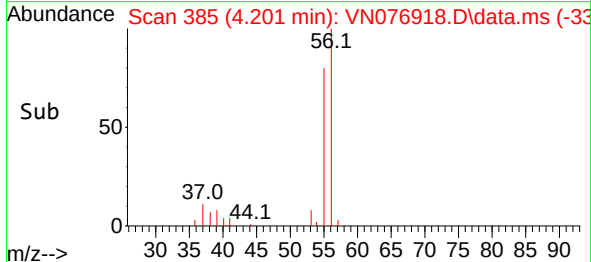
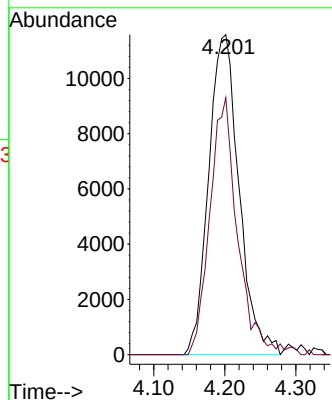
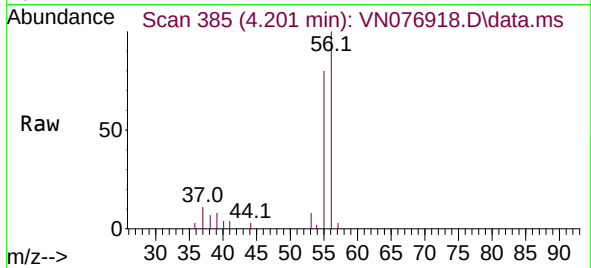
#13
Acrolein
Concen: 32.384 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 34474
Ion Ratio Lower Upper
56 100
55 73.3 56.7 85.1

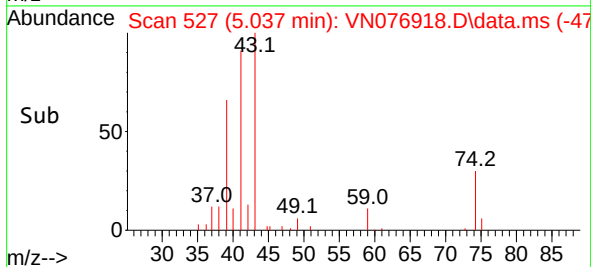
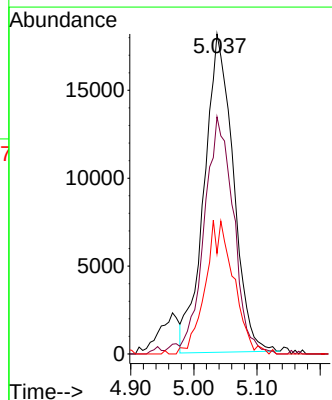
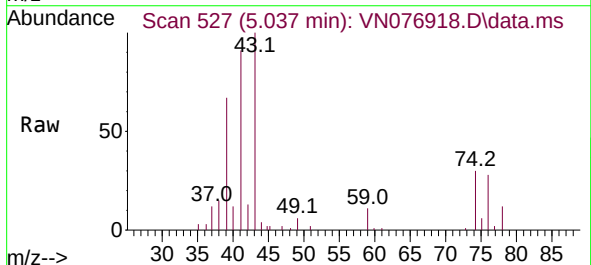
Manual Integrations
APPROVED

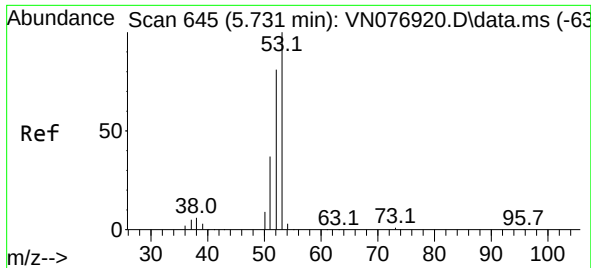
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 7.875 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 41 Resp: 57987
Ion Ratio Lower Upper
41 100
39 75.9 68.1 102.1
76 19.0 44.1 66.1#





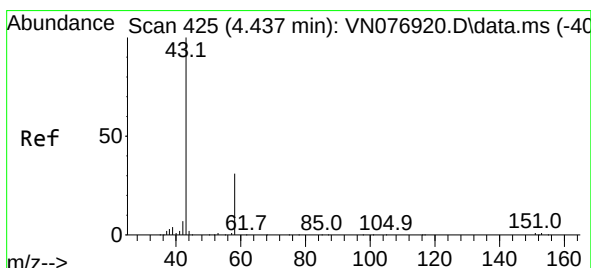
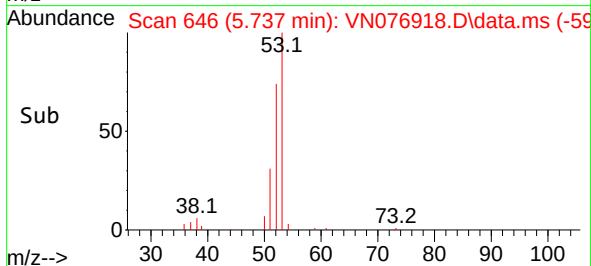
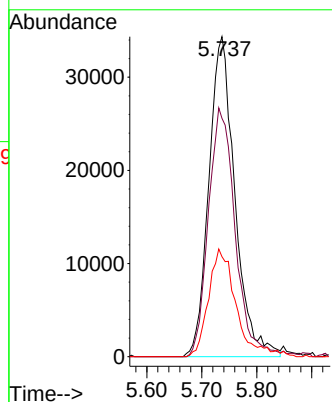
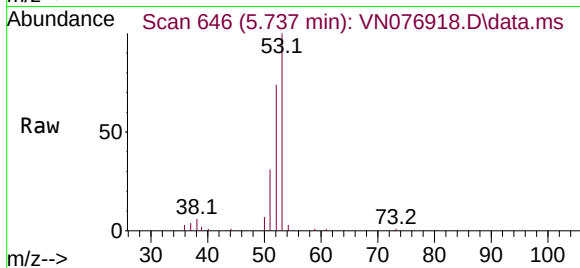
#15
Acrylonitrile
Concen: 42.694 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 112985
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.7 28.8 43.2

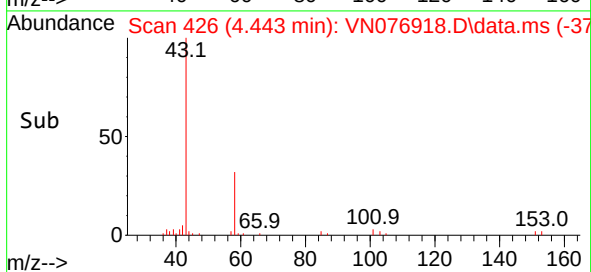
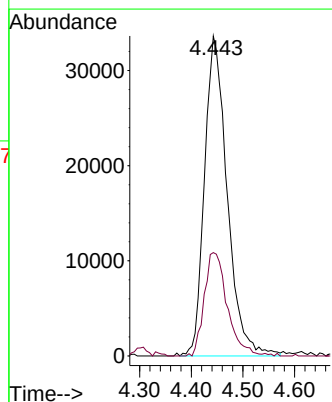
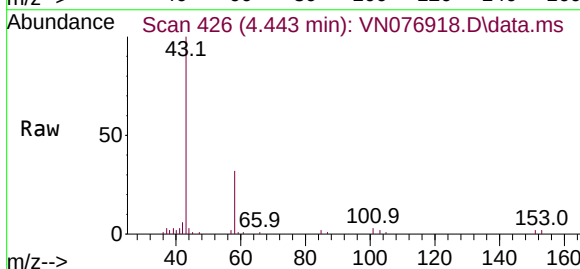
Manual Integrations
APPROVED

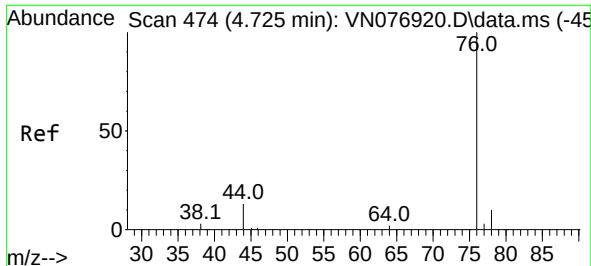
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#16
Acetone
Concen: 42.482 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

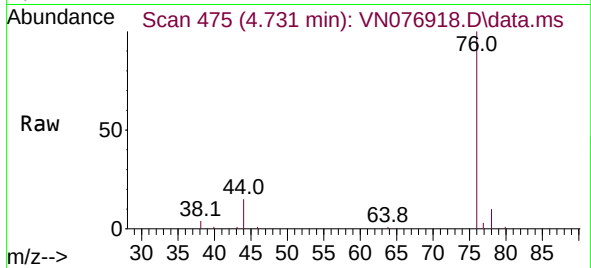
Tgt Ion: 43 Resp: 102760
Ion Ratio Lower Upper
43 100
58 32.3 28.2 42.2





#17
Carbon Disulfide
Concen: 9.769 ug/l
RT: 4.731 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

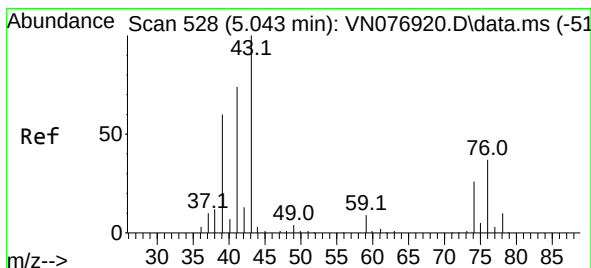
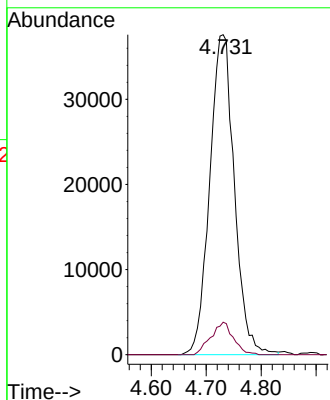
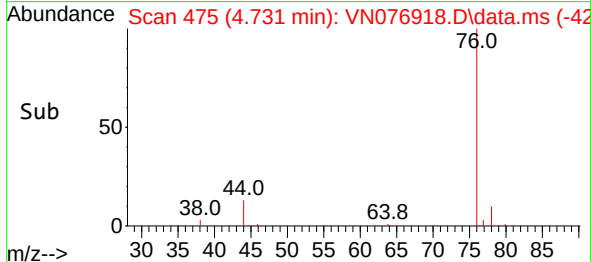
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 116970
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.8

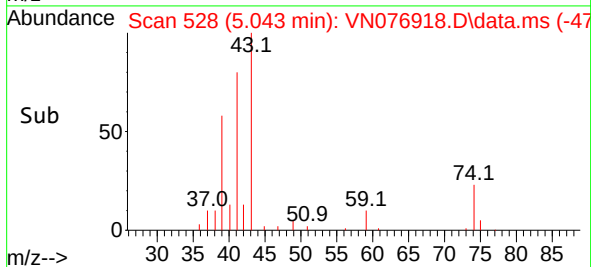
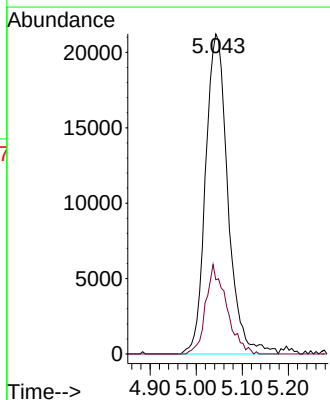
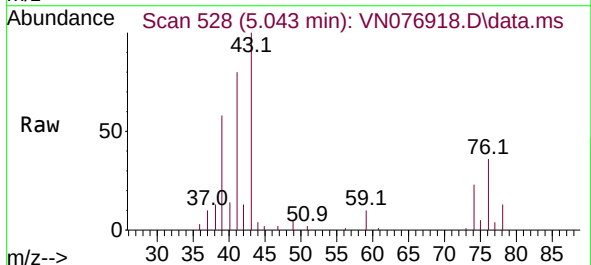
Manual Integrations
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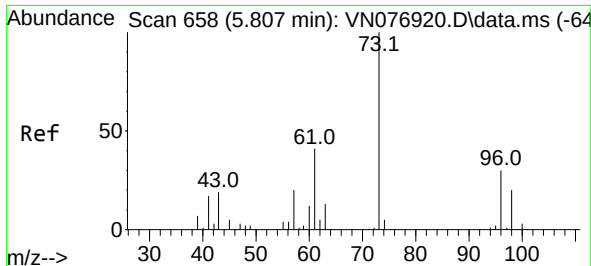
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#18
Methyl Acetate
Concen: 8.623 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 43 Resp: 71476
Ion Ratio Lower Upper
43 100
74 26.1 25.9 38.9





#19

Methyl tert-butyl Ether

Concen: 9.676 ug/l

RT: 5.813 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 146352

Ion Ratio Lower Upper

73 100

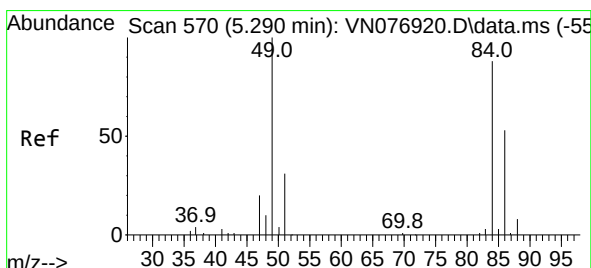
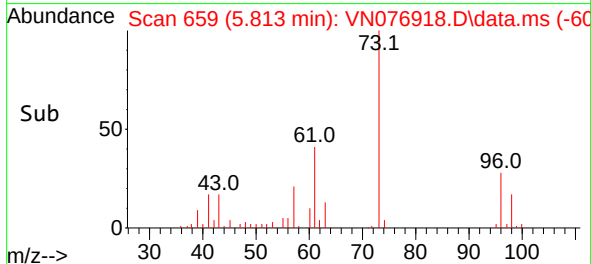
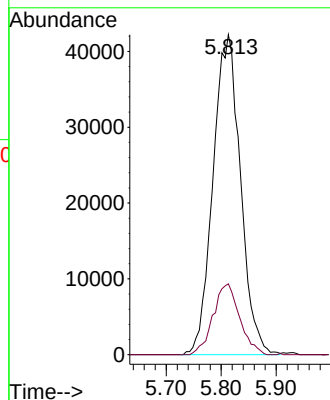
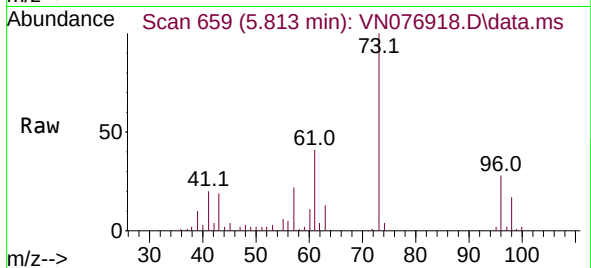
57 22.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#20

Methylene Chloride

Concen: 8.945 ug/l

RT: 5.295 min Scan# 571

Delta R.T. 0.005 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion: 84 Resp: 50484

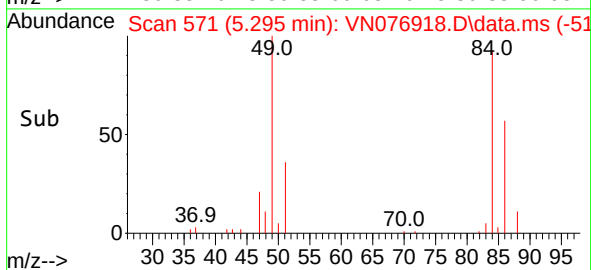
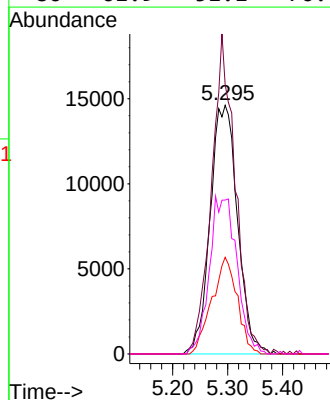
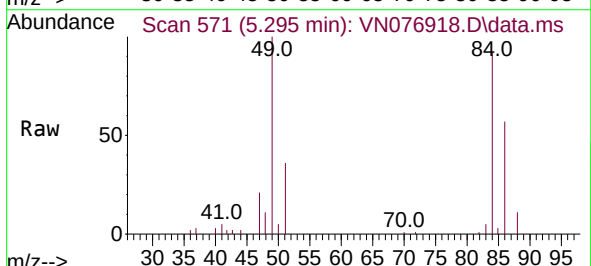
Ion Ratio Lower Upper

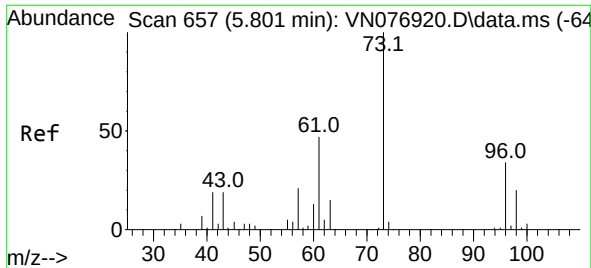
84 100

49 108.3 76.6 114.8

51 38.9 25.4 38.2#

86 61.9 51.1 76.7





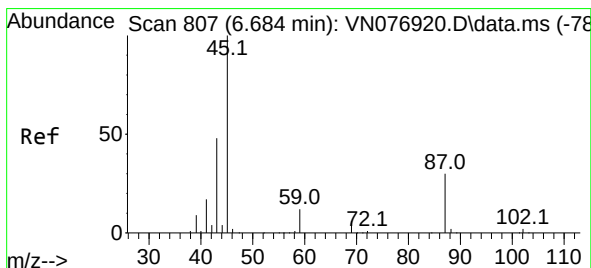
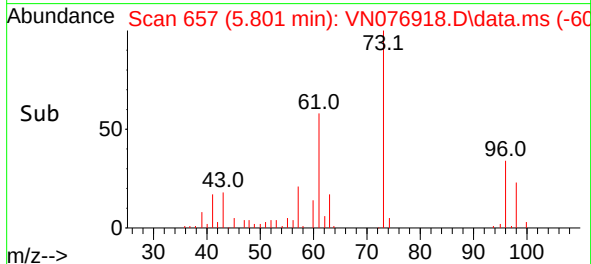
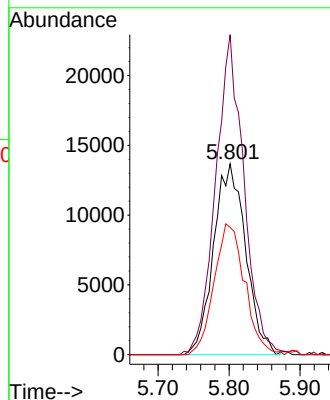
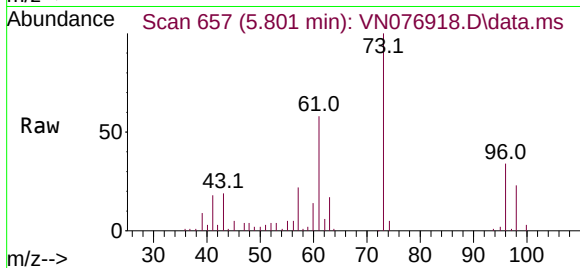
#21
trans-1,2-Dichloroethene
Concen: 8.984 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 42844
Ion Ratio Lower Upper
96 100
61 167.7 95.0 142.6
98 66.6 54.5 81.7

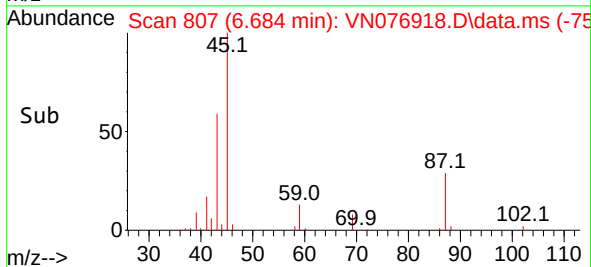
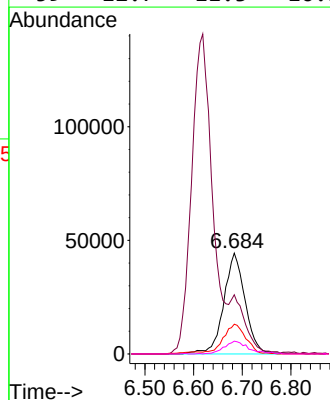
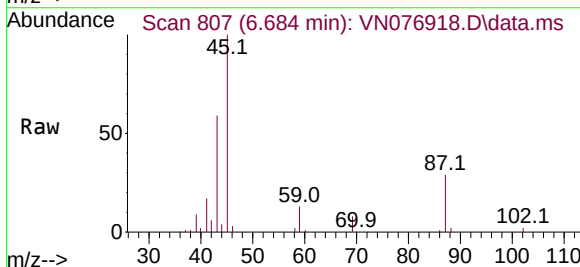
Manual Integrations
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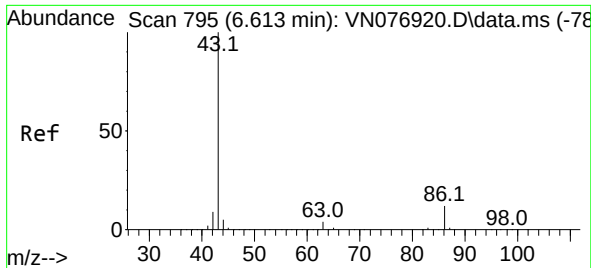
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 8.149 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 45 Resp: 134998
Ion Ratio Lower Upper
45 100
43 57.7 42.6 63.8
87 29.5 29.7 44.5#
59 12.7 11.3 16.9





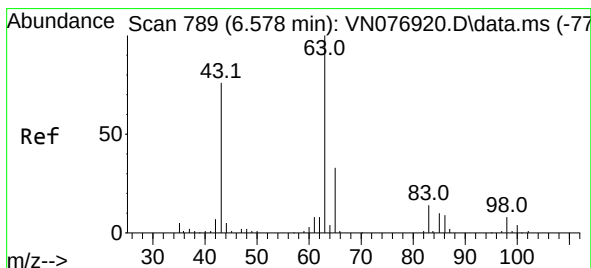
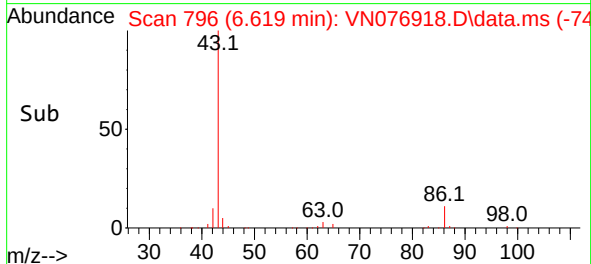
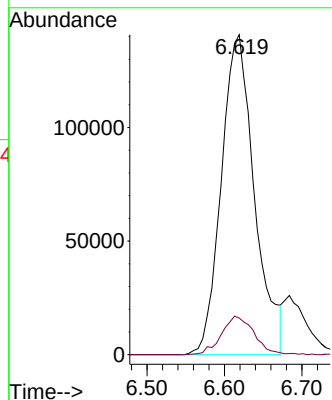
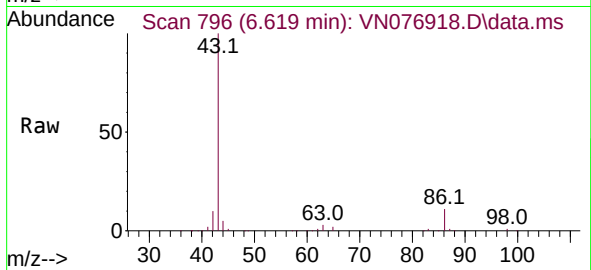
#23
 Vinyl Acetate
 Concen: 39.777 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 41975
 Ion Ratio Lower Upper
 43 100
 86 11.5 11.8 17.6

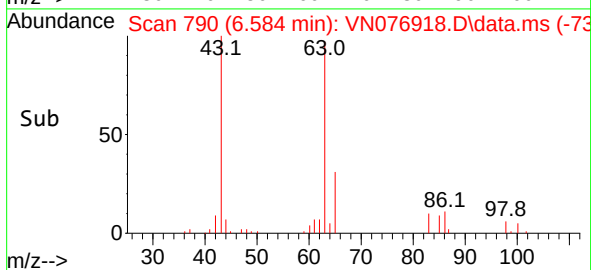
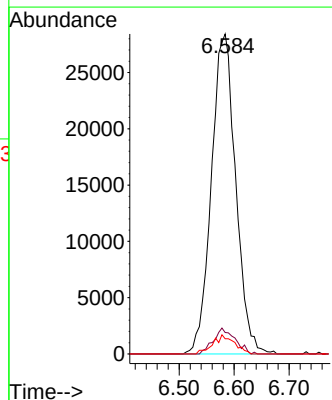
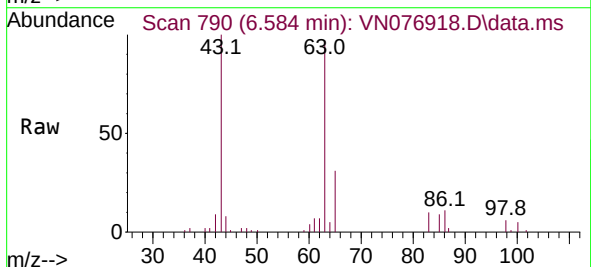
Manual Integrations
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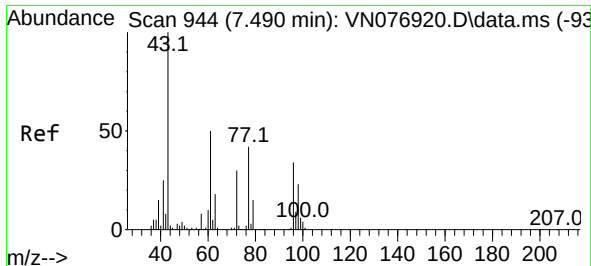
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 9.258 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

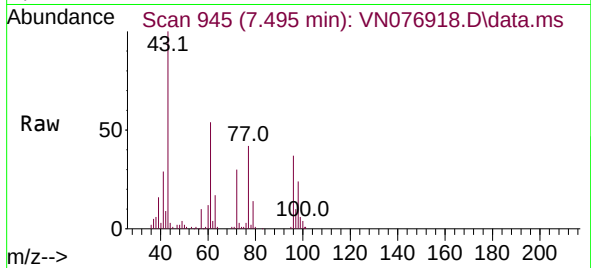
Tgt Ion: 63 Resp: 87461
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.2 12.6
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 39.818 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

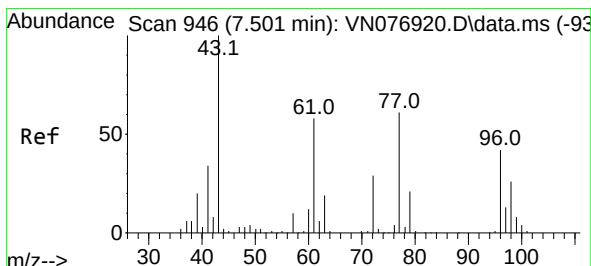
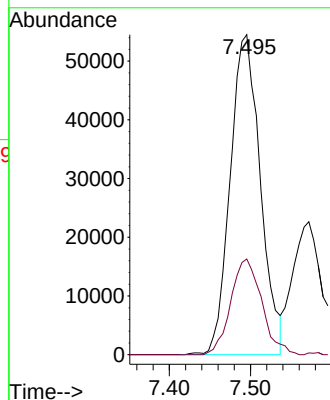
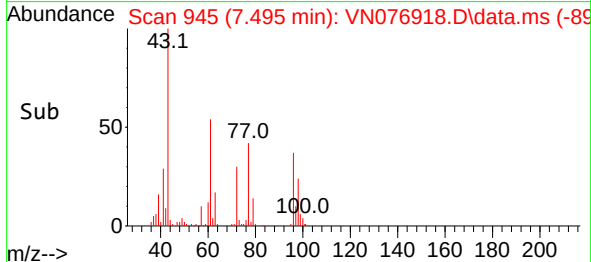
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 140694
Ion Ratio Lower Upper
43 100
72 29.9 28.8 43.2

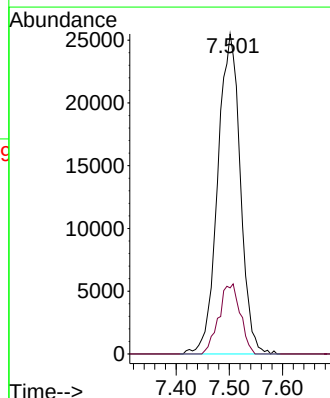
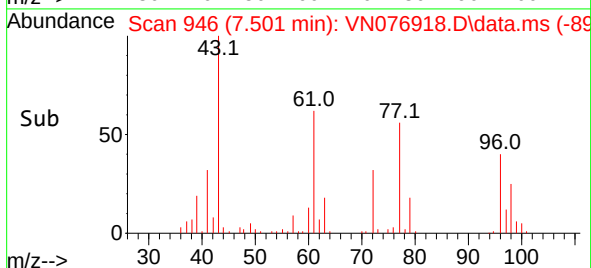
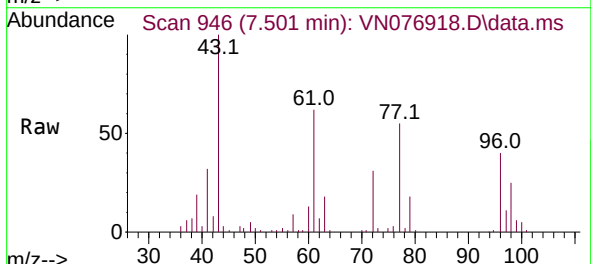
Manual Integrations
APPROVED

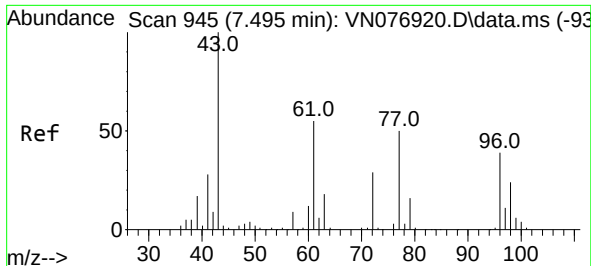
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 10.860 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

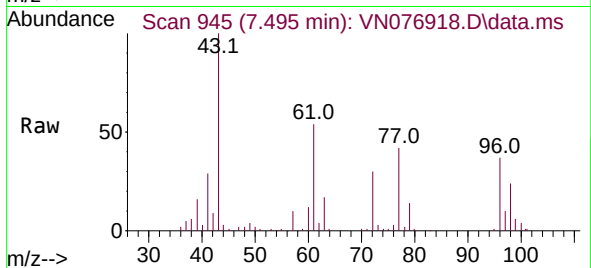
Tgt Ion: 77 Resp: 75138
Ion Ratio Lower Upper
77 100
97 20.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 9.403 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

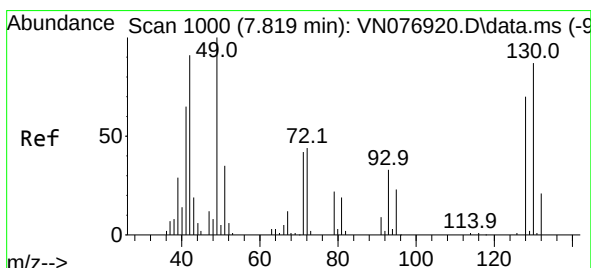
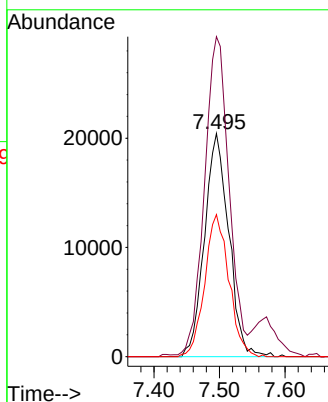
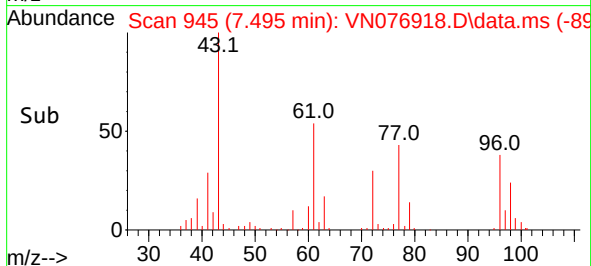
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



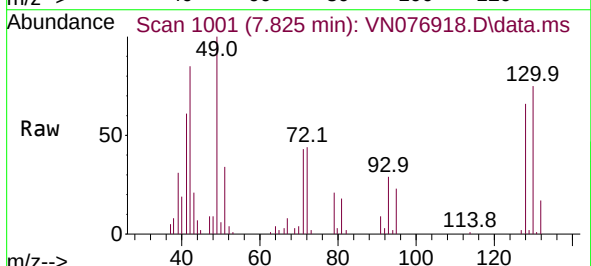
Tgt Ion: 96 Resp: 5253
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 255.6
 98 63.5 0.0 127.4

Manual Integrations
 APPROVED

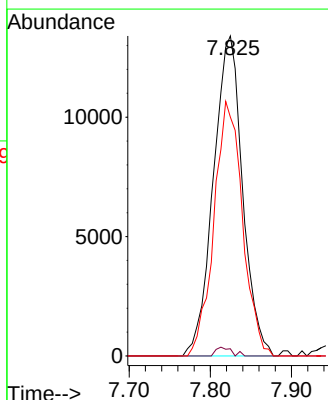
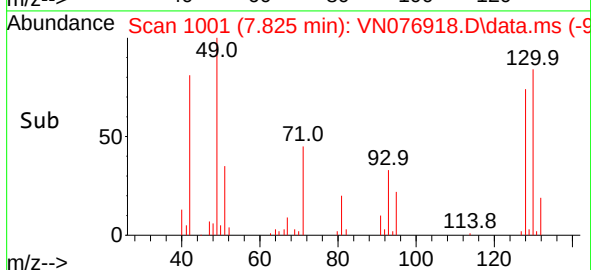
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

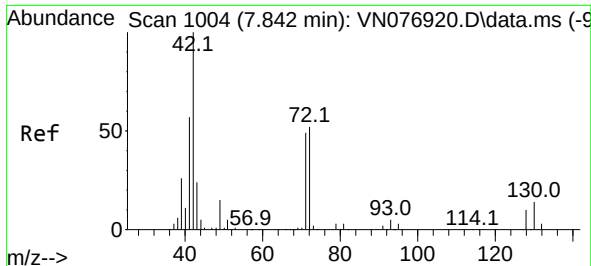


#28
 Bromochloromethane
 Concen: 8.391 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10



Tgt Ion: 49 Resp: 33523
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 77.7 74.8 112.2





#29

Tetrahydrofuran

Concen: 39.767 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 9064

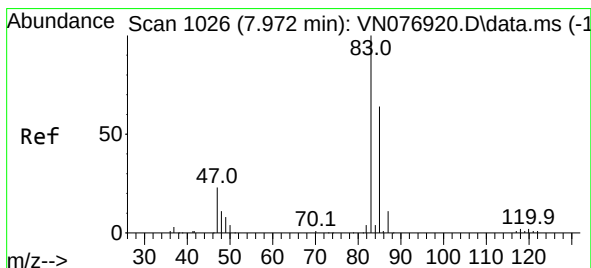
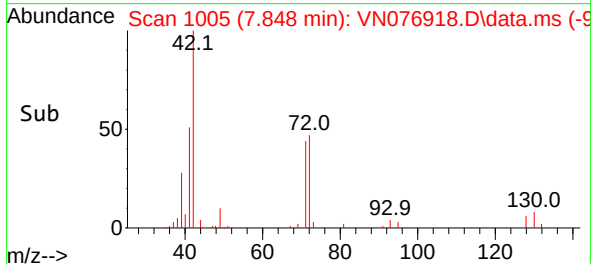
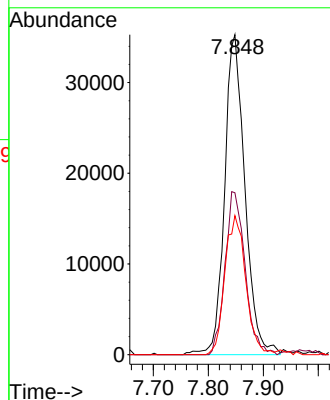
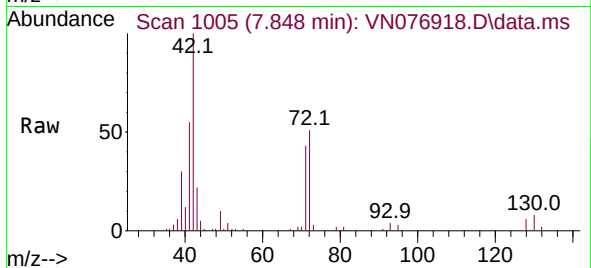
Ion	Ratio	Lower	Upper
42	100		
72	50.2	48.6	73.0
71	44.6	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 9.833 ug/l

RT: 7.972 min Scan# 1026

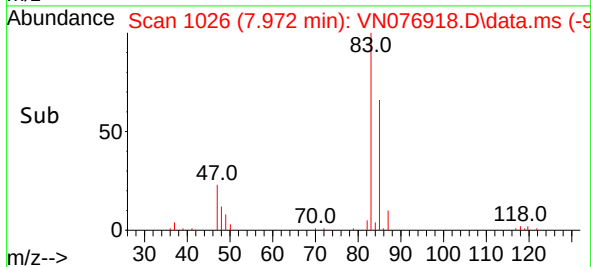
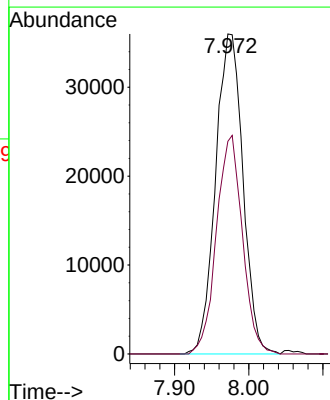
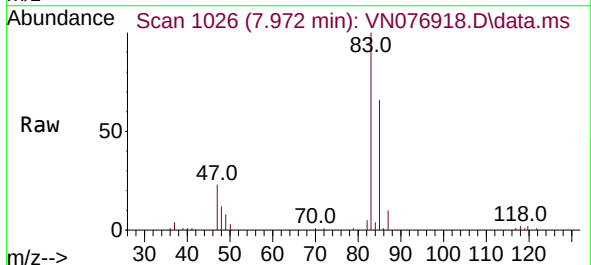
Delta R.T. -0.000 min

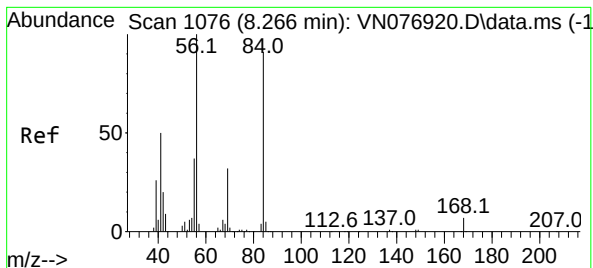
Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion: 83 Resp: 92265

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.3	76.9





#31

Cyclohexane

Concen: 9.245 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

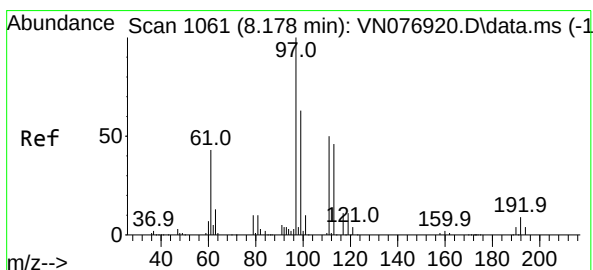
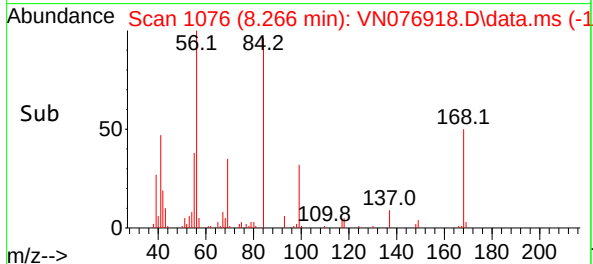
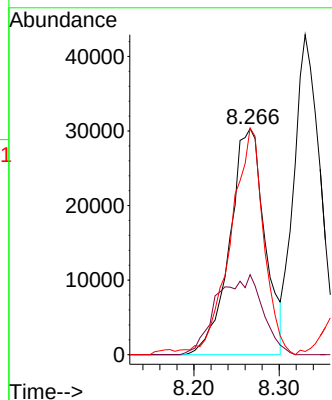
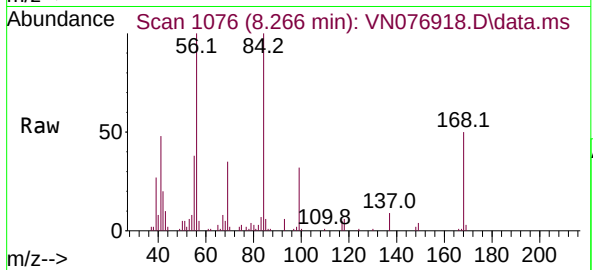
Tgt Ion: 56	Resp: 8654
Ion Ratio	Lower Upper
56	100
69	35.4 27.0 40.6
84	98.2 82.9 124.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#32

1,1,1-Trichloroethane

Concen: 10.703 ug/l

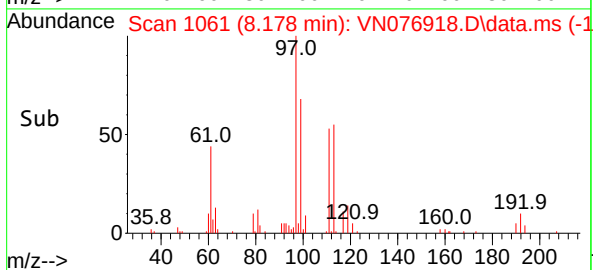
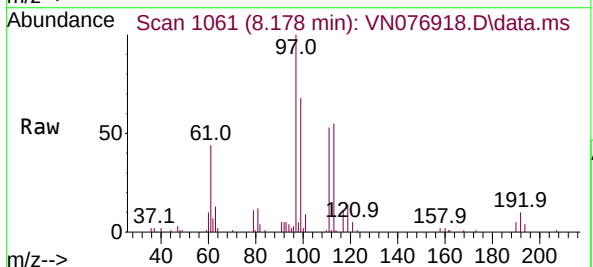
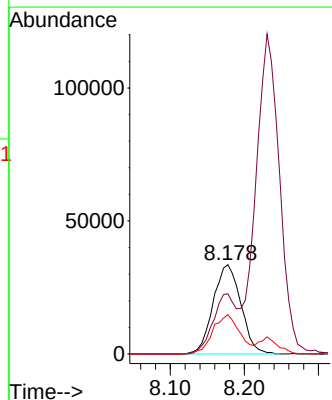
RT: 8.178 min Scan# 1061

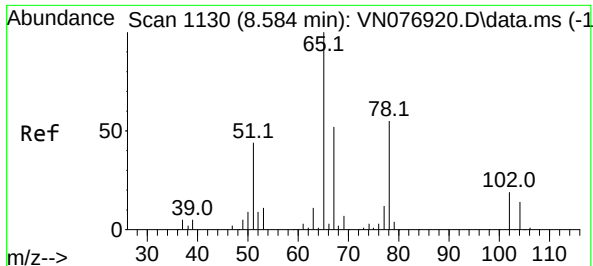
Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion: 97	Resp: 86961
Ion Ratio	Lower Upper
97	100
99	54.6 51.2 76.8
61	43.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 10.833 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 6003

Ion Ratio Lower Upper

65 100

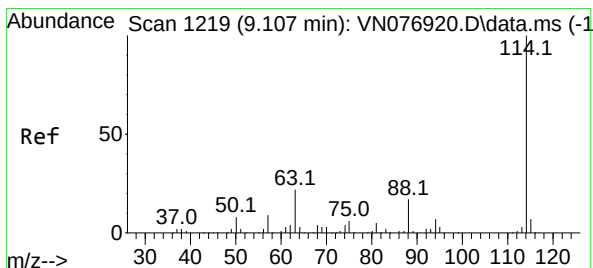
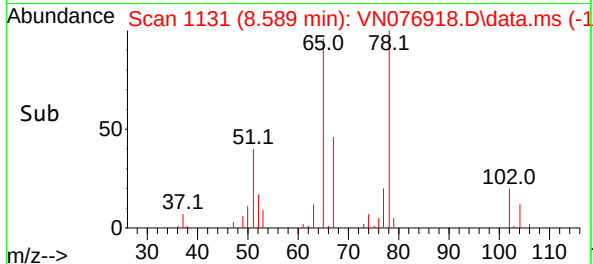
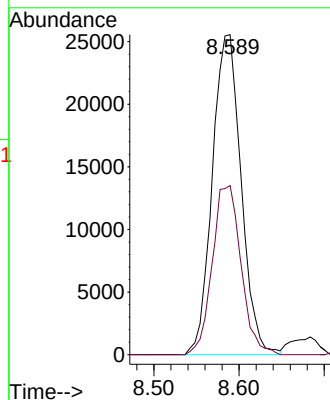
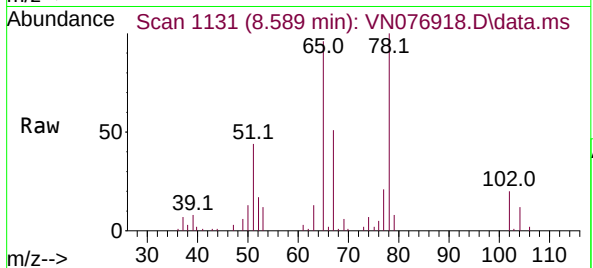
67 52.7 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

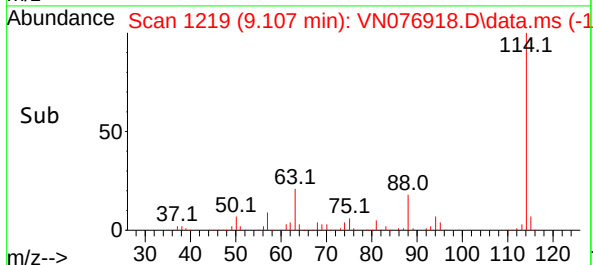
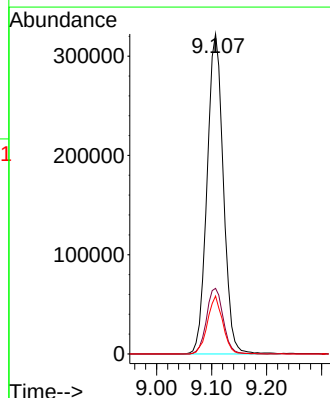
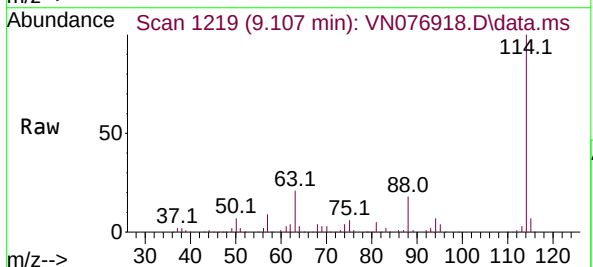
Tgt Ion:114 Resp: 661793

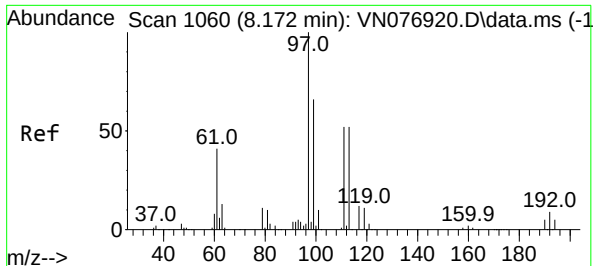
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 18.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 11.065 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 113 Resp: 45810

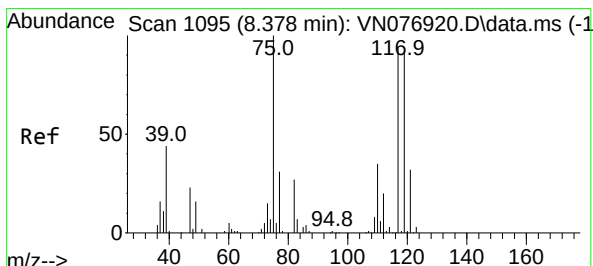
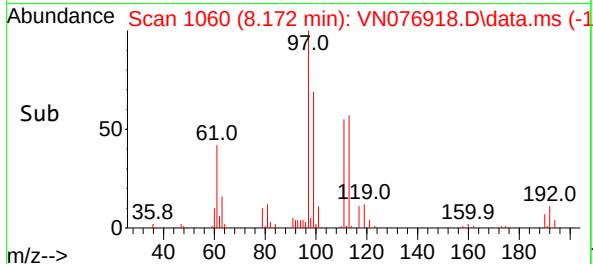
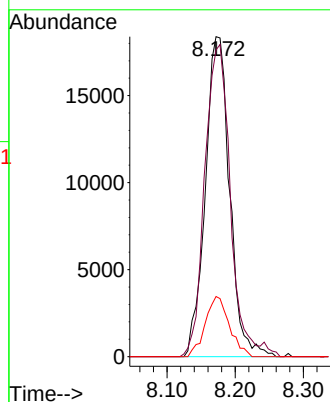
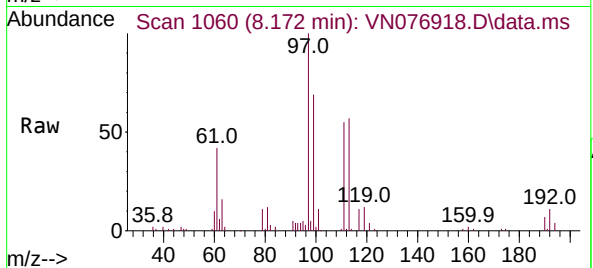
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	18.6	13.9	20.9

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/13/2023

Supervised By : Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 10.049 ug/l

RT: 8.378 min Scan# 1095

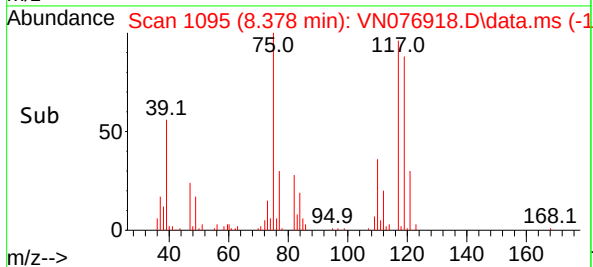
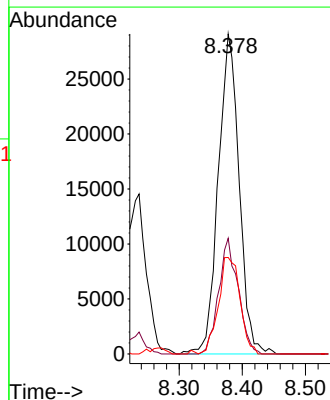
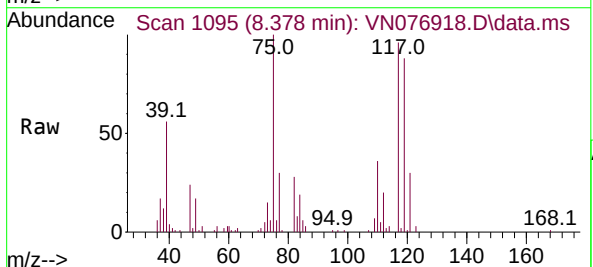
Delta R.T. -0.000 min

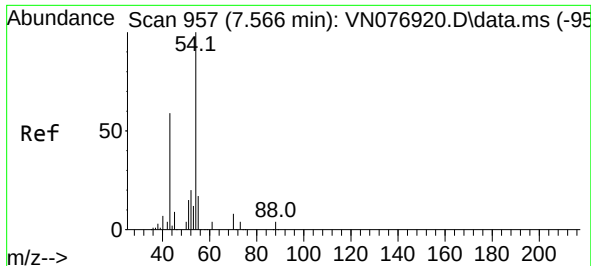
Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion: 75 Resp: 66869

Ion	Ratio	Lower	Upper
75	100		
110	33.8	18.9	56.9
77	31.2	24.9	37.3





#37

Ethyl Acetate

Concen: 8.605 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

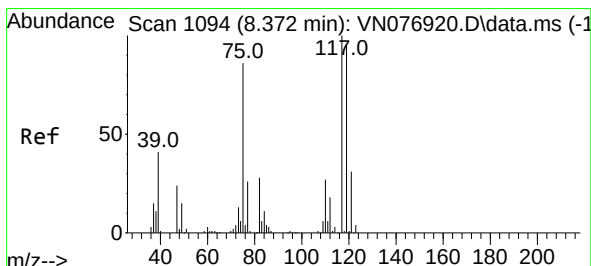
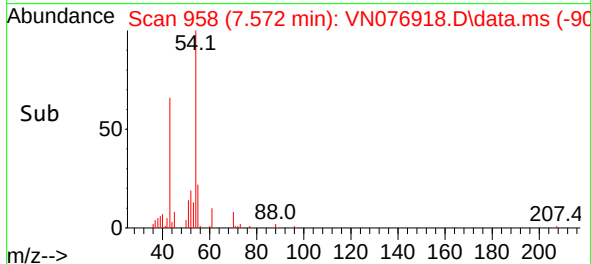
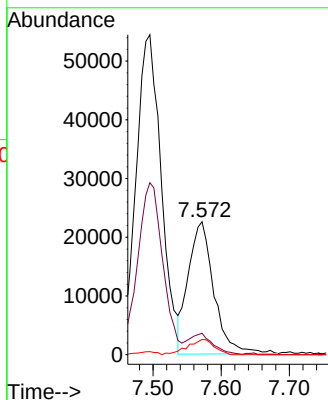
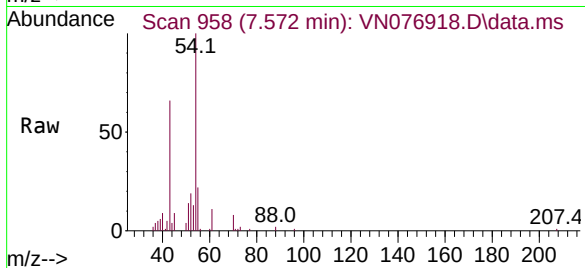
Tgt Ion:	43	Resp:	58772
Ion Ratio	Lower	Upper	
43	100		
61	15.3	13.5	20.3
70	11.9	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#38

Carbon Tetrachloride

Concen: 11.591 ug/l

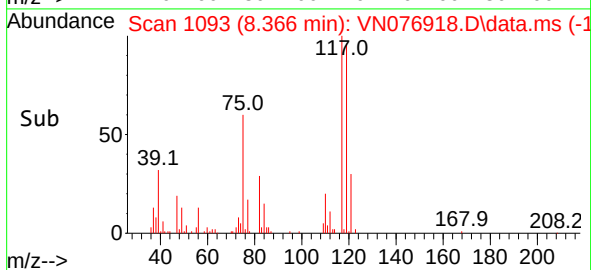
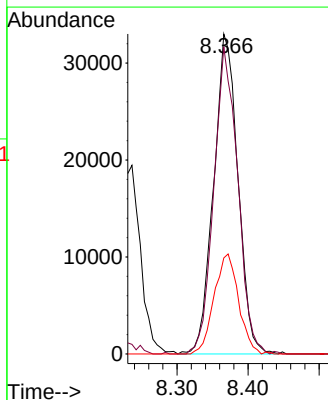
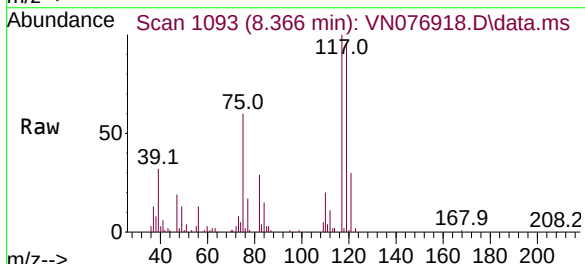
RT: 8.366 min Scan# 1093

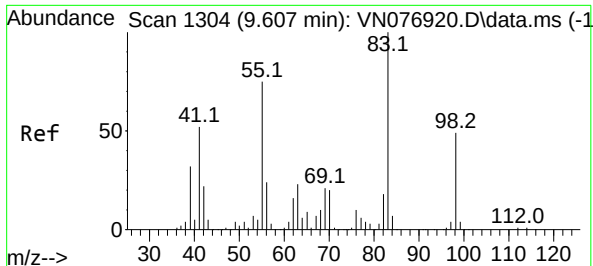
Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion:	117	Resp:	78351
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.9	115.3
121	30.0	23.2	34.8





#39

Methylcyclohexane

Concen: 9.680 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

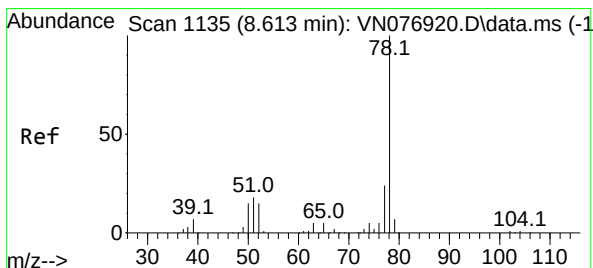
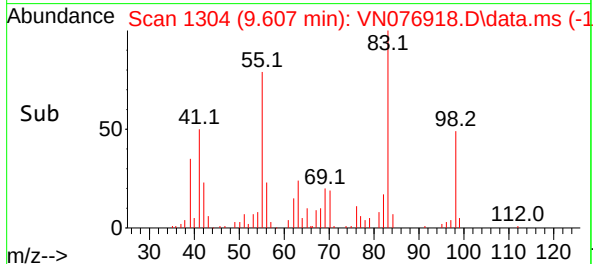
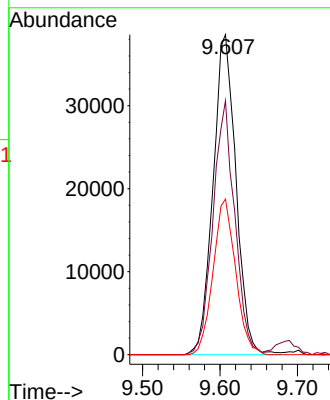
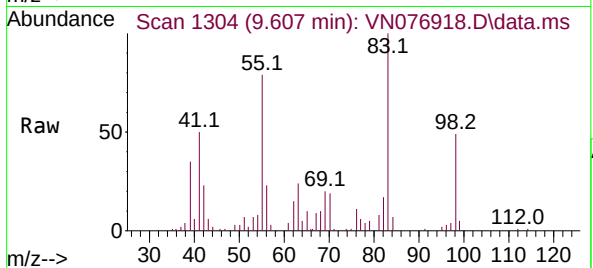
Tgt Ion: 83	Resp: 79394
Ion Ratio	Lower Upper
83	100
55	79.4 47.0 70.4
98	48.6 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 9.857 ug/l

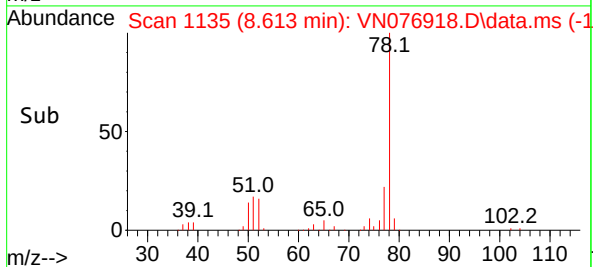
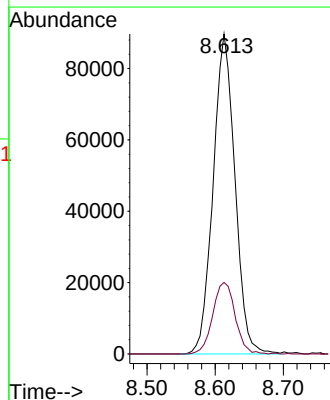
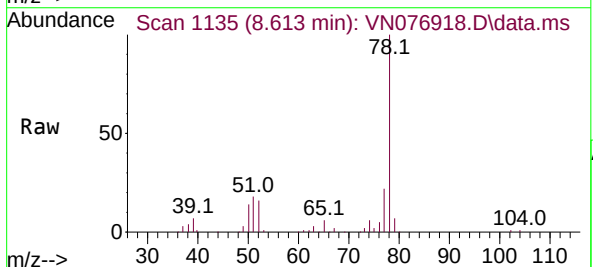
RT: 8.613 min Scan# 1135

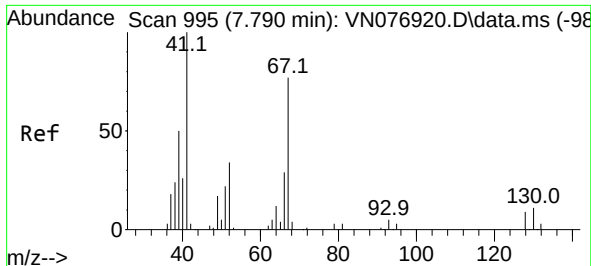
Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

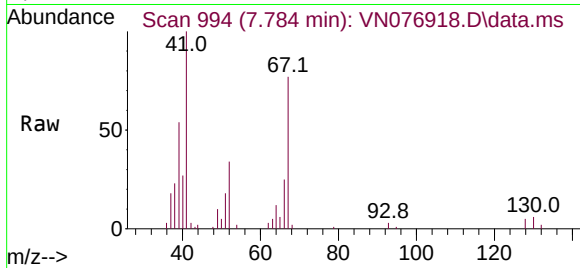
Tgt Ion: 78	Resp: 199793
Ion Ratio	Lower Upper
78	100
77	22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 8.330 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

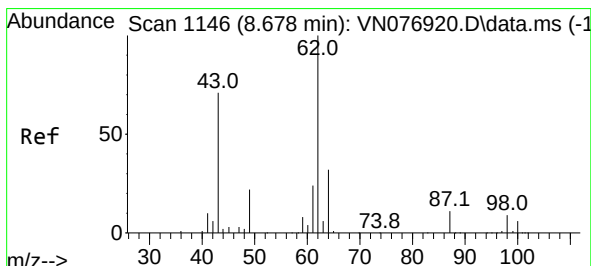
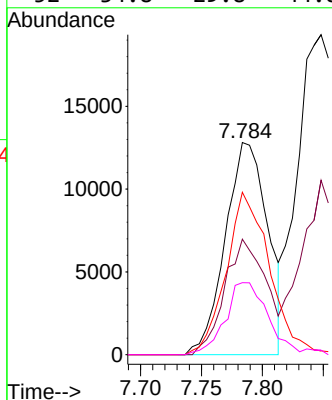
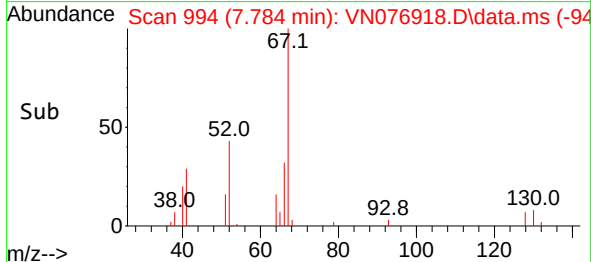
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41	Resp: 3106
Ion Ratio	Lower Upper
41 100	
39 53.0	43.4 65.0
67 78.2	78.6 118.0
52 34.8	29.8 44.8

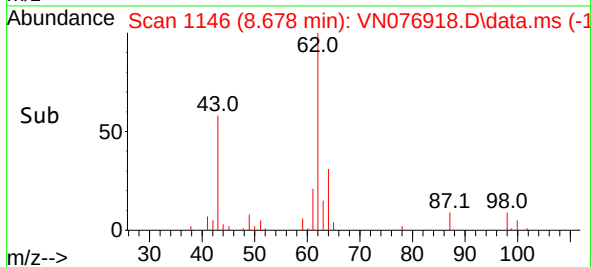
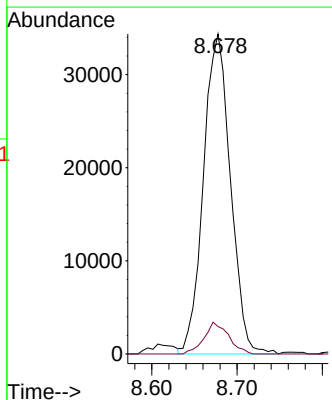
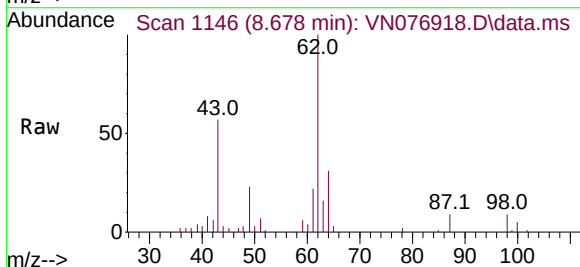
Manual Integrations
APPROVED

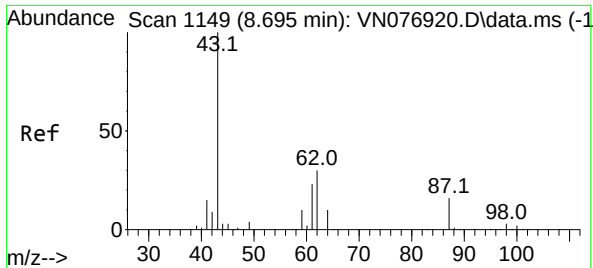
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 10.732 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 62	Resp: 75777
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 21.8





#43

Isopropyl Acetate

Concen: 8.856 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 92590

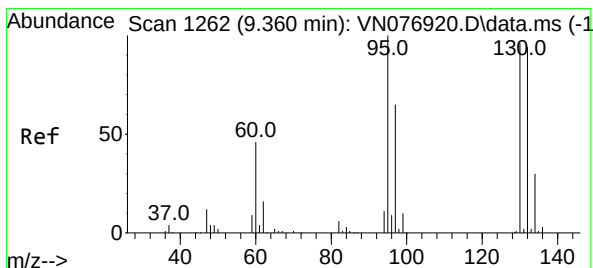
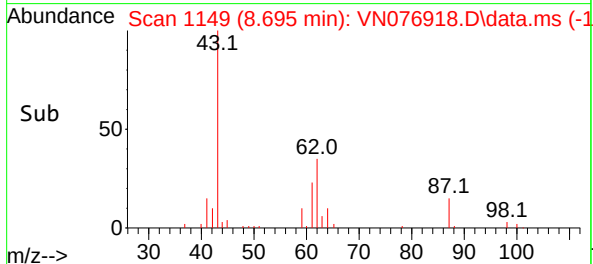
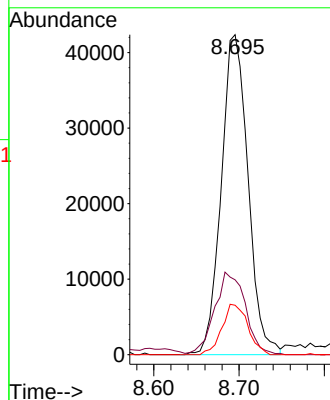
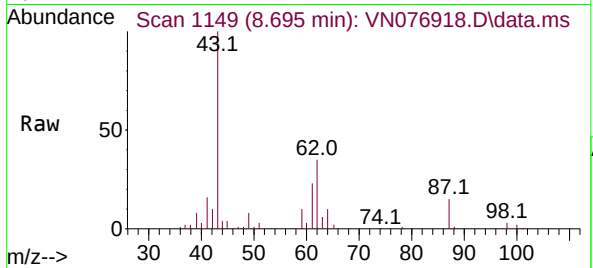
Ion	Ratio	Lower	Upper
43	100		
61	29.5	26.2	39.2
87	15.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#44

Trichloroethene

Concen: 10.266 ug/l

RT: 9.354 min Scan# 1261

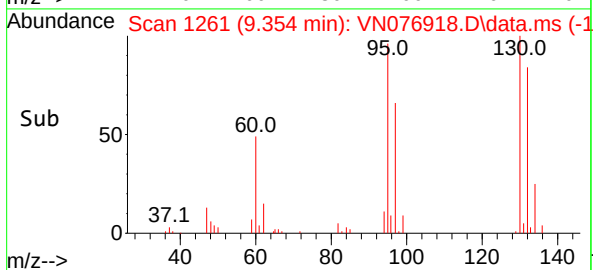
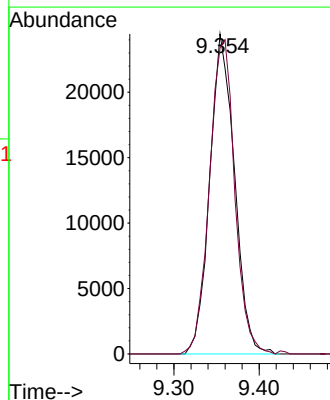
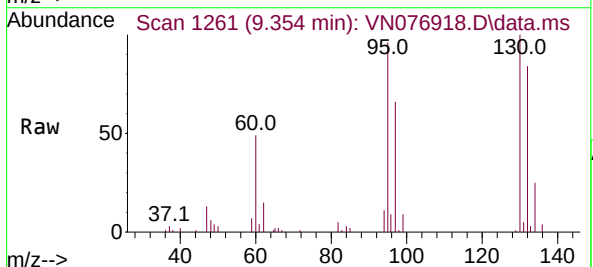
Delta R.T. -0.006 min

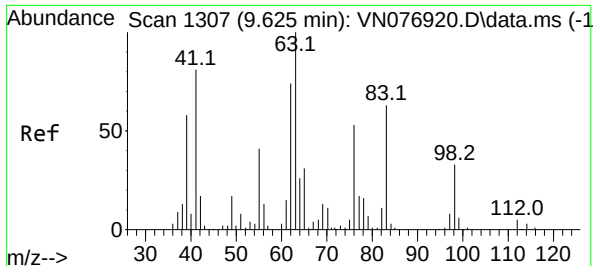
Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion:130 Resp: 49337

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	208.6





#45

1,2-Dichloropropane

Concen: 9.226 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 48328

Ion Ratio Lower Upper

63 100

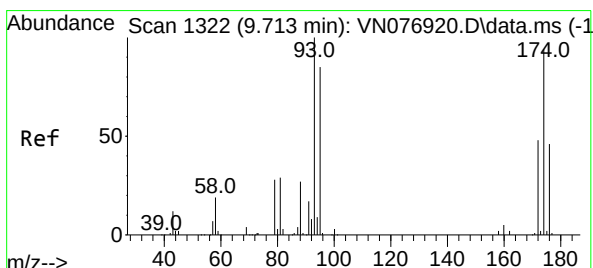
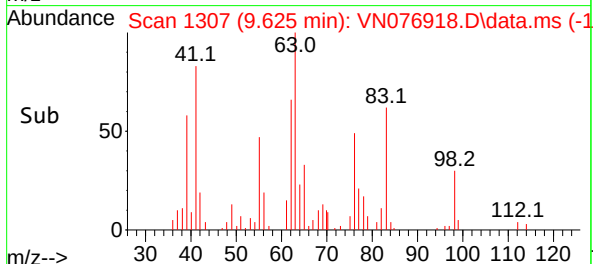
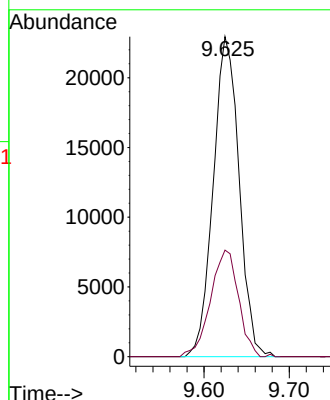
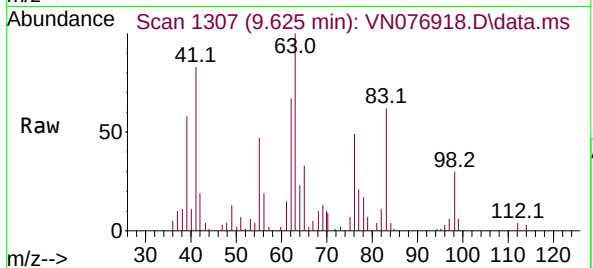
65 33.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 10.424 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

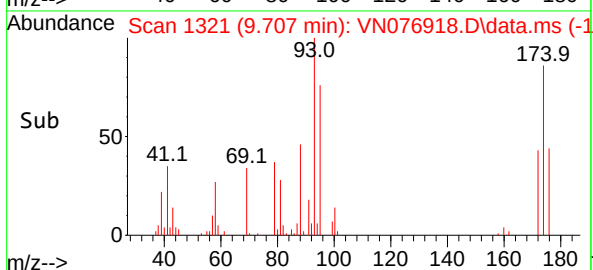
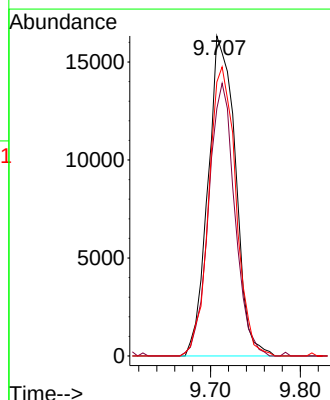
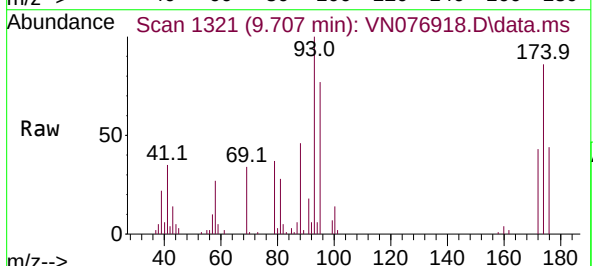
Tgt Ion: 93 Resp: 34680

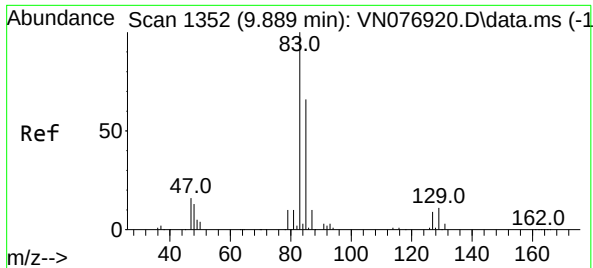
Ion Ratio Lower Upper

93 100

95 81.2 65.7 98.5

174 89.2 69.3 103.9





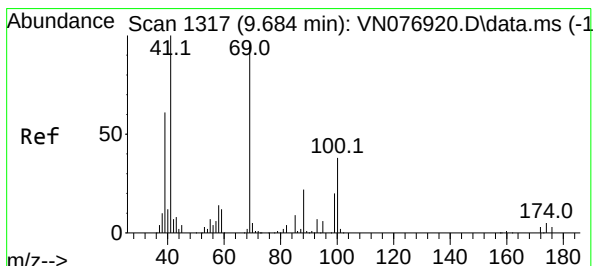
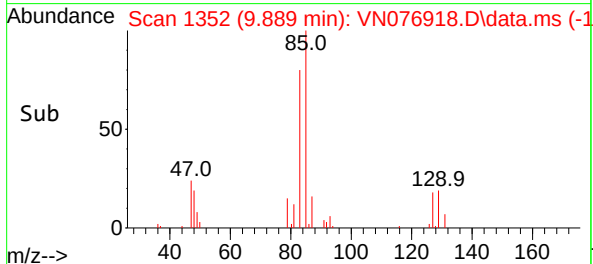
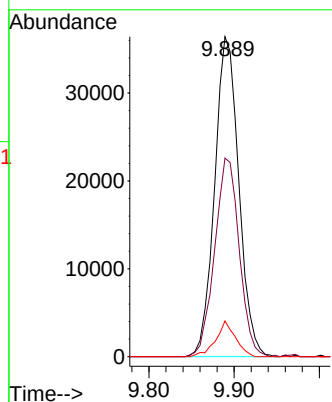
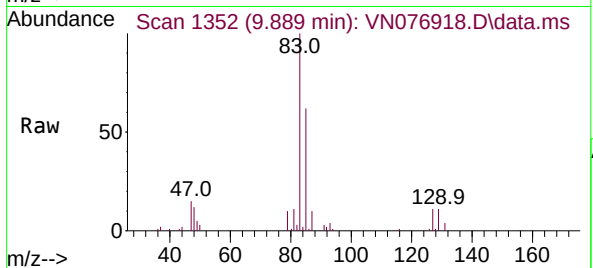
#47
Bromodichloromethane
Concen: 10.483 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 7169
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8
127 11.1 7.0 10.6

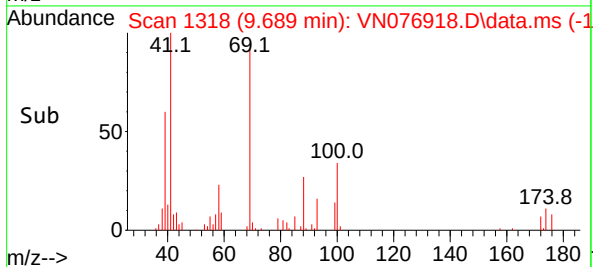
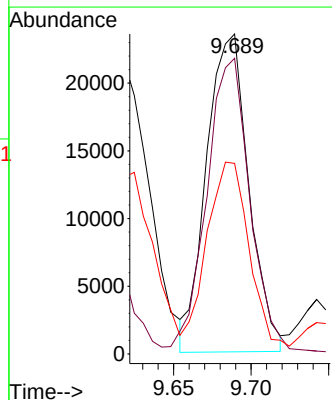
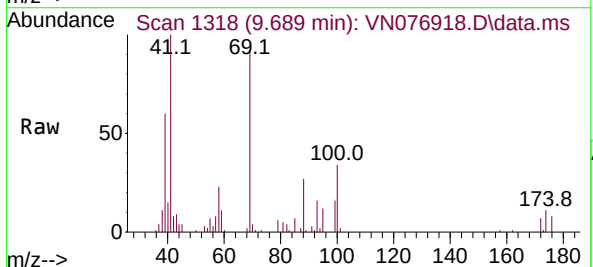
Manual Integrations
APPROVED

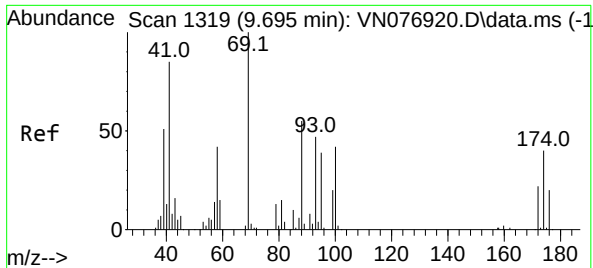
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 8.772 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 41 Resp: 44570
Ion Ratio Lower Upper
41 100
69 96.6 92.6 139.0
39 62.1 51.4 77.0





#49

1,4-Dioxane

Concen: 196.329 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 1828

Ion Ratio Lower Upper

88 100

43 30.7 15.3 22.9

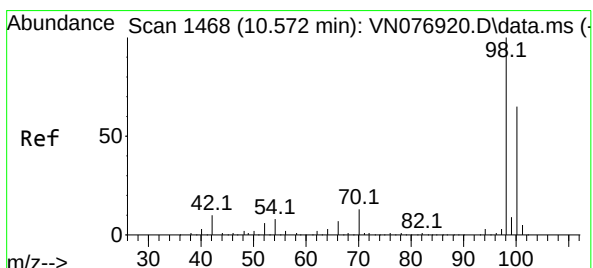
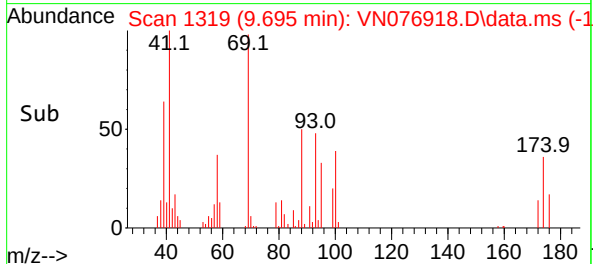
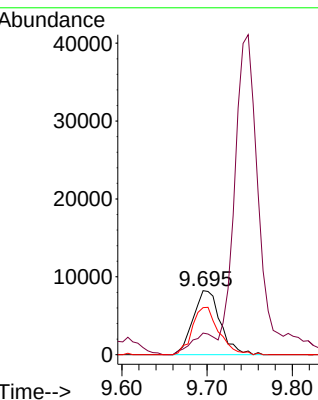
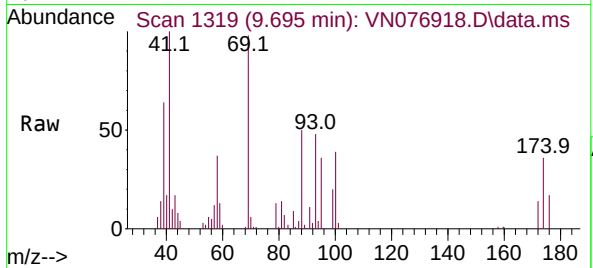
58 71.8 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 10.431 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076918.D

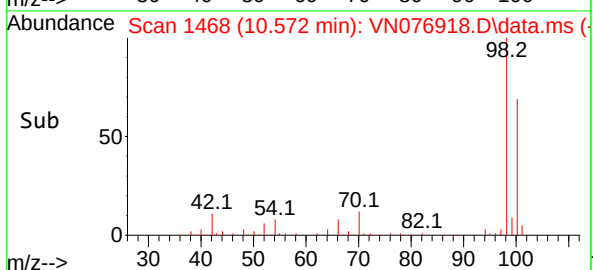
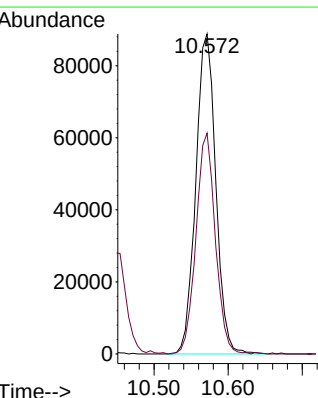
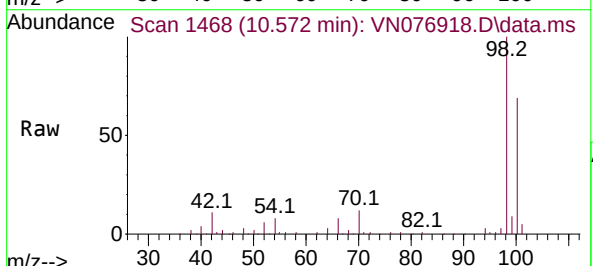
Acq: 10 Mar 2023 12:10

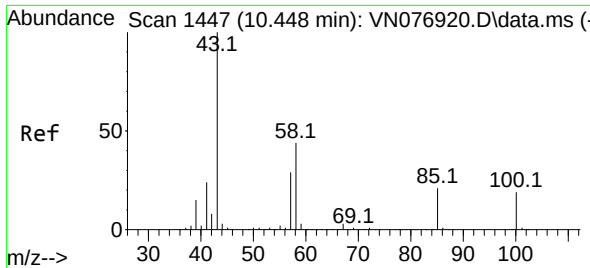
Tgt Ion: 98 Resp: 166373

Ion Ratio Lower Upper

98 100

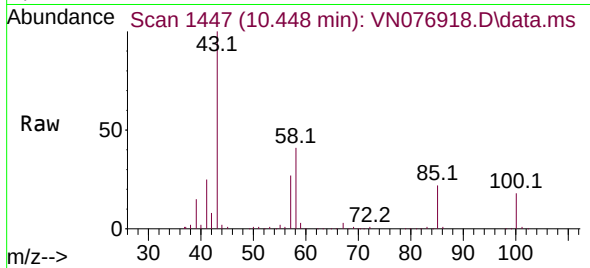
100 66.8 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 44.784 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

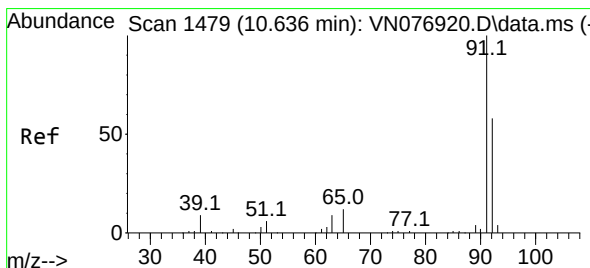
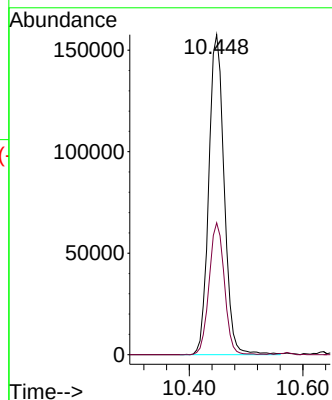
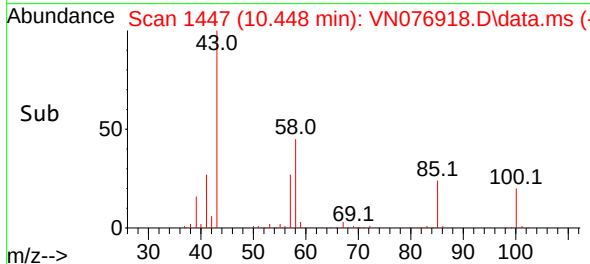
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 295358
Ion Ratio Lower Upper
43 100
58 40.8 37.4 56.0

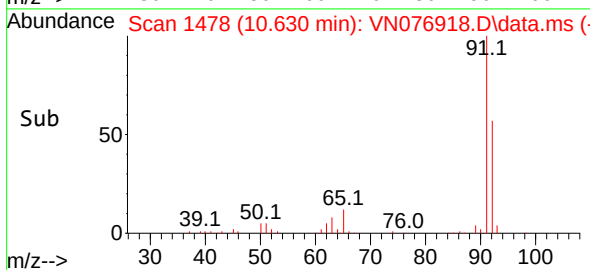
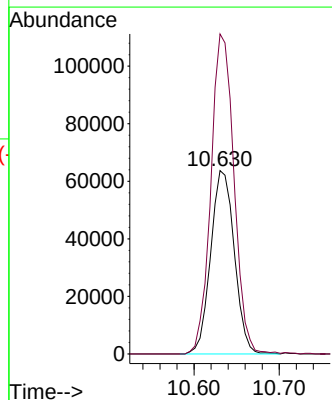
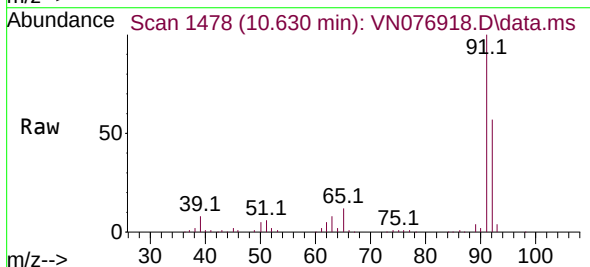
Manual Integrations
APPROVED

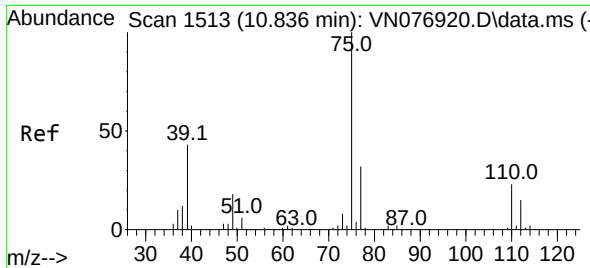
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 10.174 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

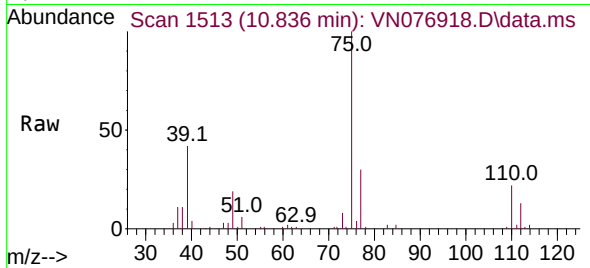
Tgt Ion: 92 Resp: 122792
Ion Ratio Lower Upper
92 100
91 170.9 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 10.699 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

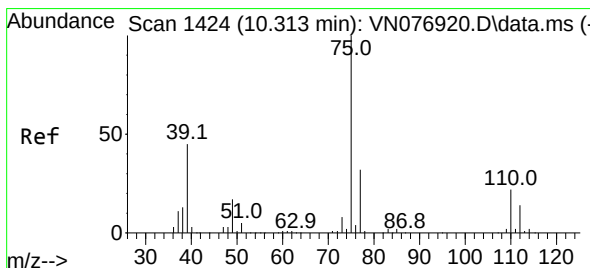
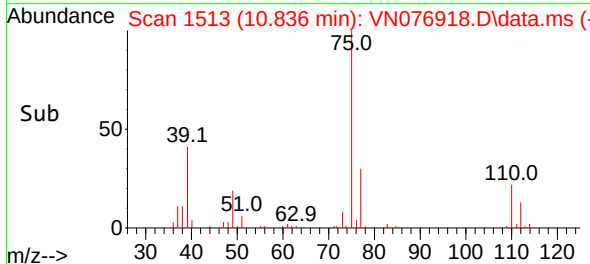
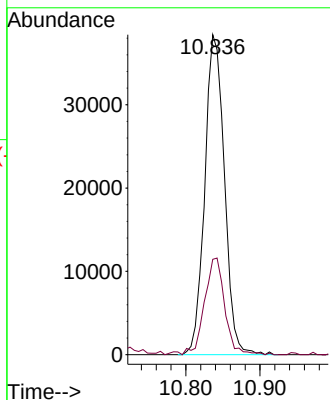
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 70928
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6

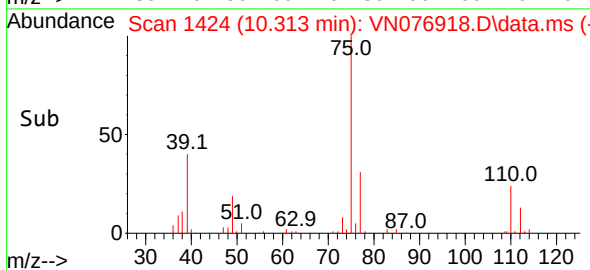
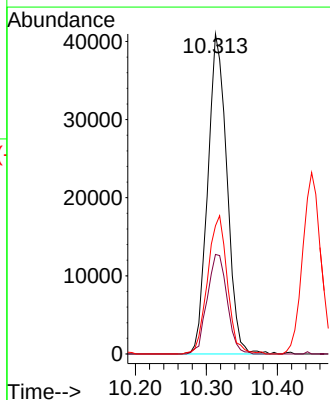
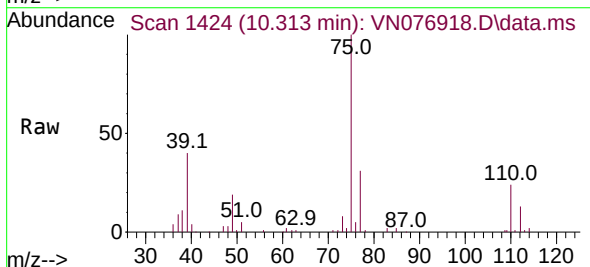
Manual Integrations
APPROVED

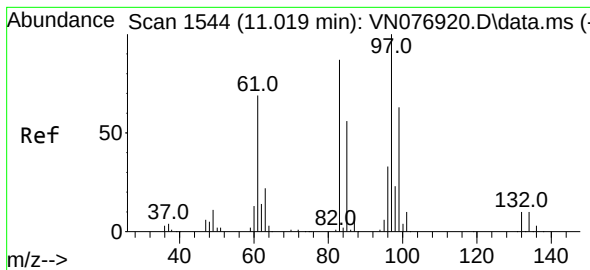
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#54
cis-1,3-Dichloropropene
Concen: 10.090 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

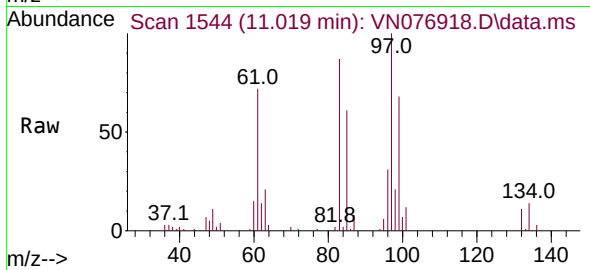
Tgt Ion: 75 Resp: 76835
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 40.1 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 9.925 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

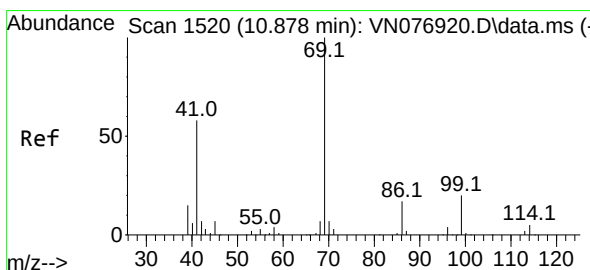
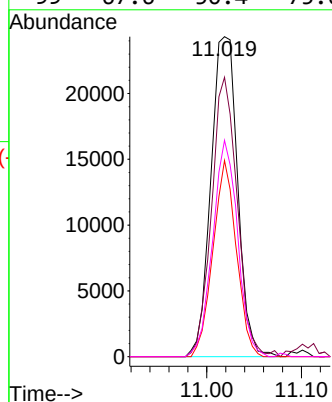
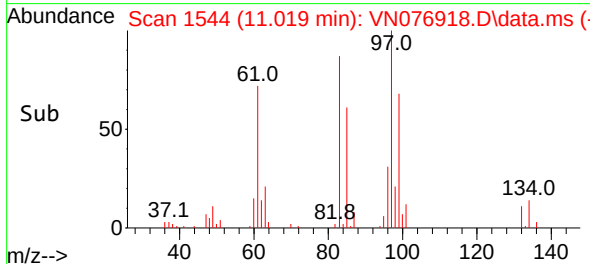


Tgt Ion: 97 Resp: 4765

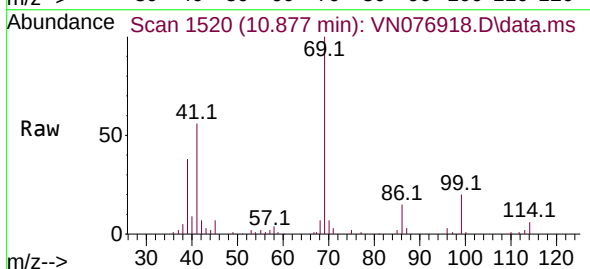
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.1	100.7
85	61.3	41.8	62.8
99	67.6	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

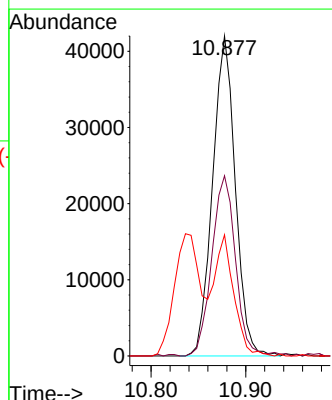
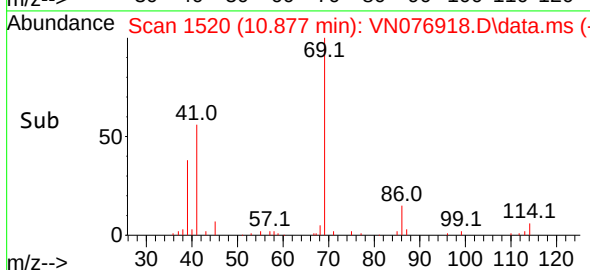


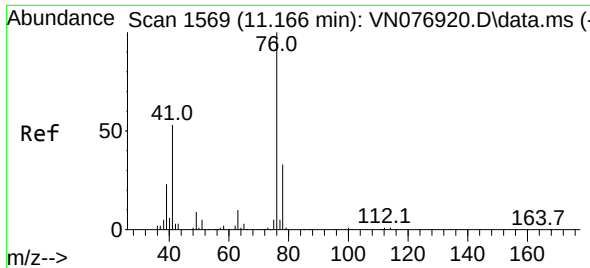
#56
Ethyl methacrylate
Concen: 9.776 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10



Tgt Ion: 69 Resp: 69929

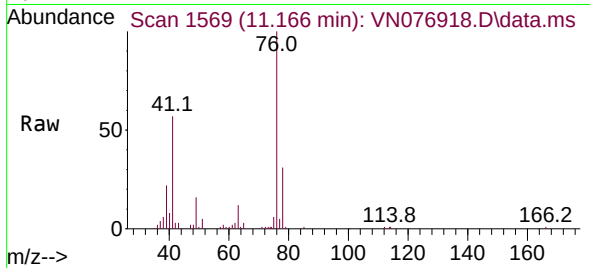
Ion	Ratio	Lower	Upper
69	100		
41	58.6	38.0	57.0#
39	31.8	22.4	33.6





#57
1,3-Dichloropropane
Concen: 9.772 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

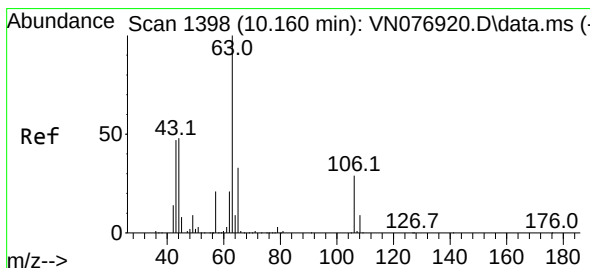
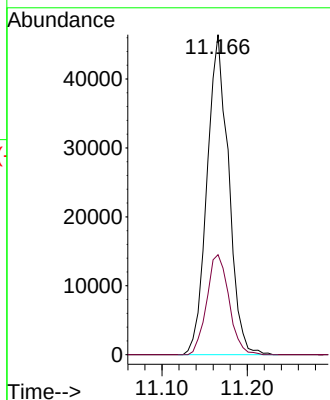
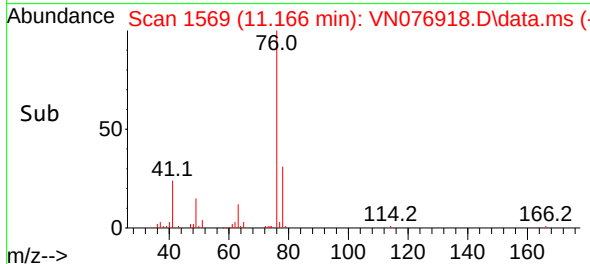
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 8145
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

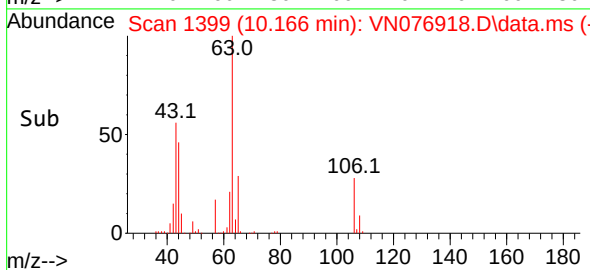
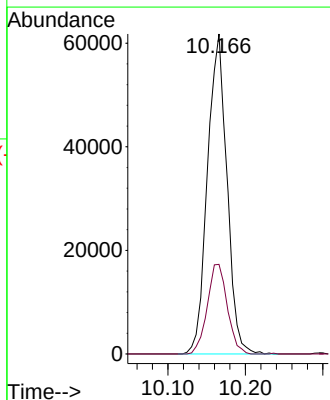
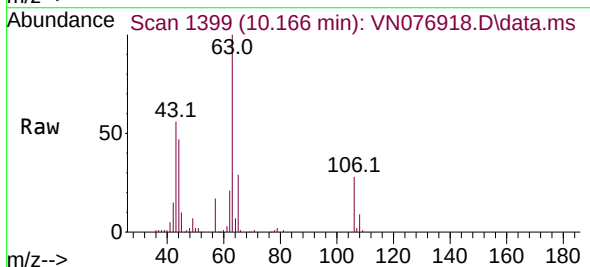
Manual Integrations
APPROVED

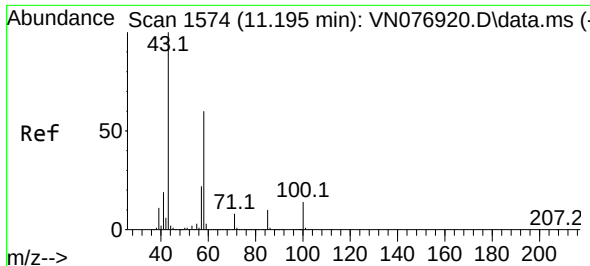
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 43.515 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

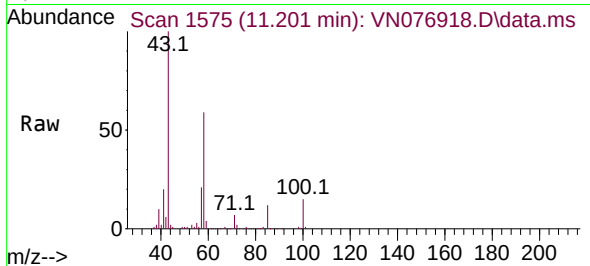
Tgt Ion: 63 Resp: 107854
Ion Ratio Lower Upper
63 100
106 28.8 25.6 38.4





#59
2-Hexanone
Concen: 43.412 ug/l
RT: 11.201 min Scan# 11201
Delta R.T. 0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

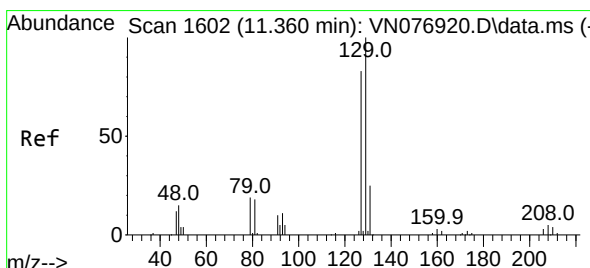
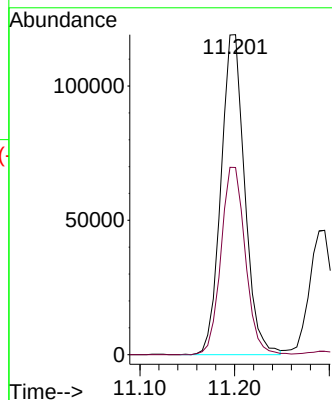
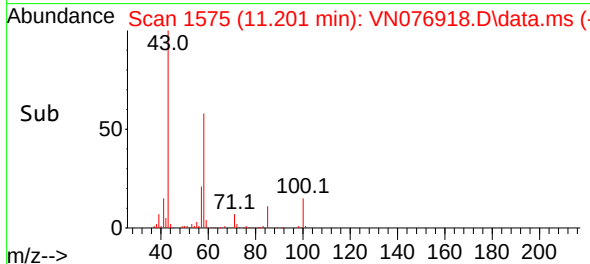
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 20746
Ion Ratio Lower Upper
43 100
58 60.0 32.6 98.0

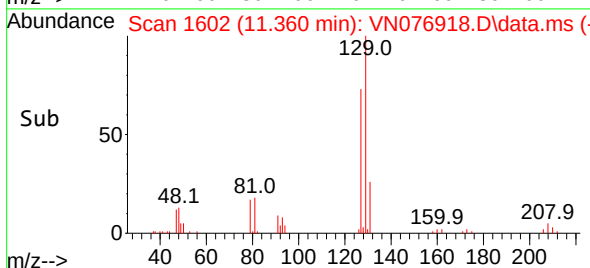
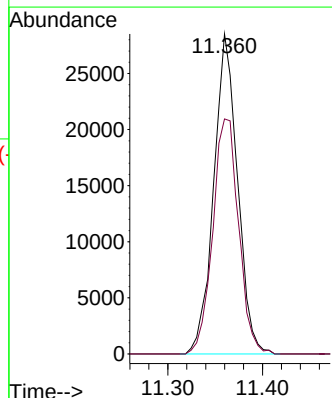
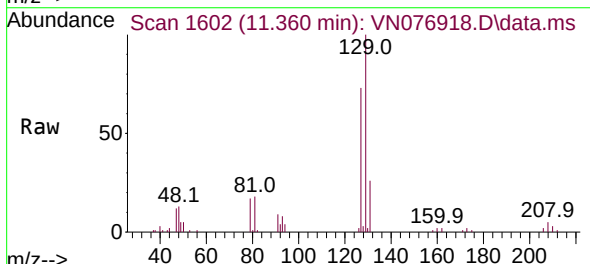
Manual Integrations
APPROVED

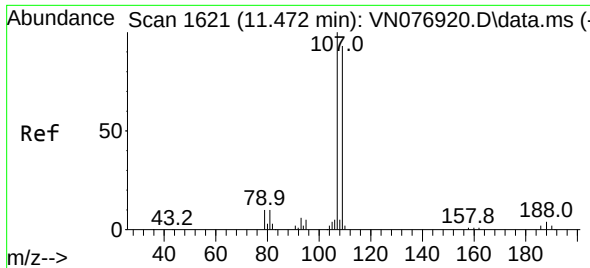
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 10.517 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion:129 Resp: 49757
Ion Ratio Lower Upper
129 100
127 79.9 39.6 118.8





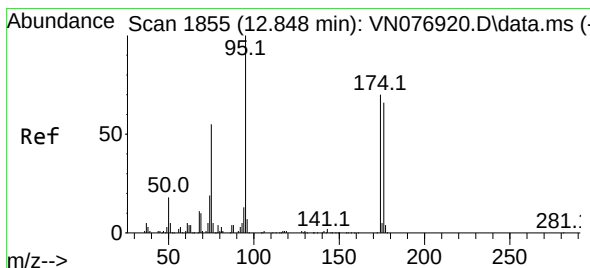
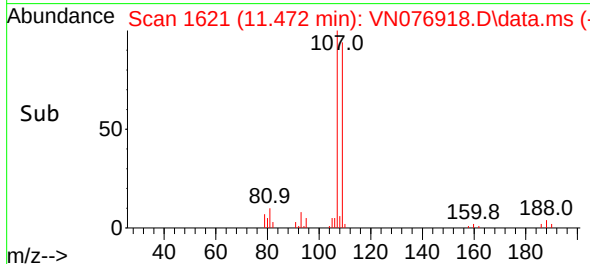
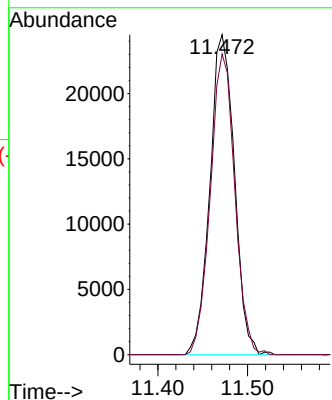
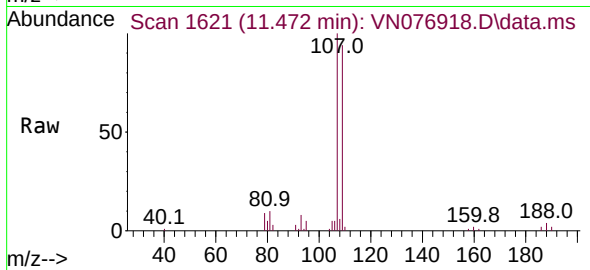
#61
1,2-Dibromoethane
Concen: 10.068 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 46458
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9

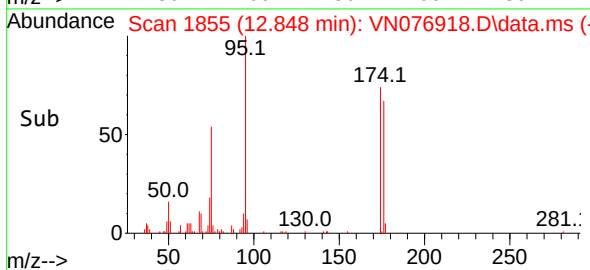
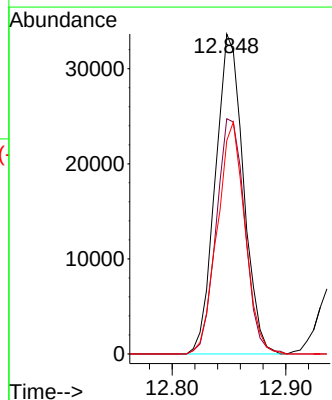
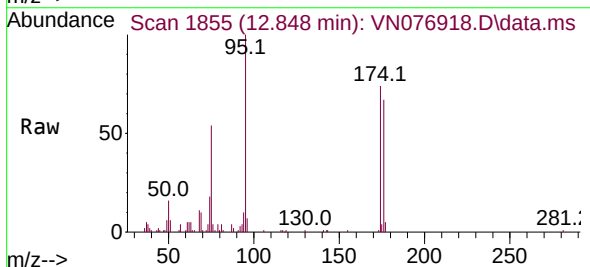
Manual Integrations
APPROVED

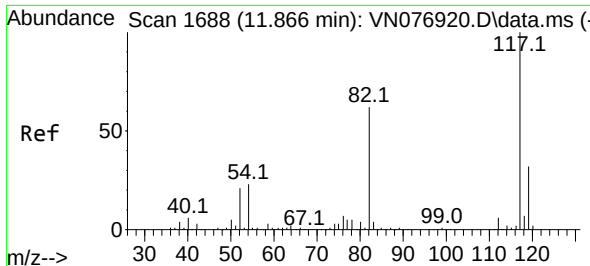
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 10.455 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

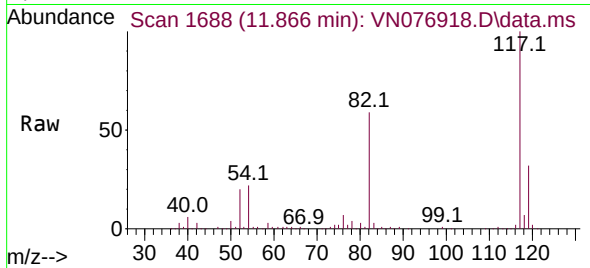
Tgt Ion: 95 Resp: 57785
Ion Ratio Lower Upper
95 100
174 74.6 0.0 162.4
176 71.5 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

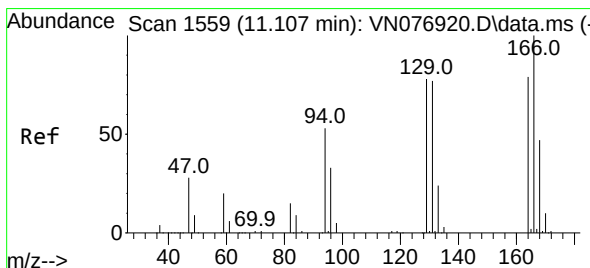
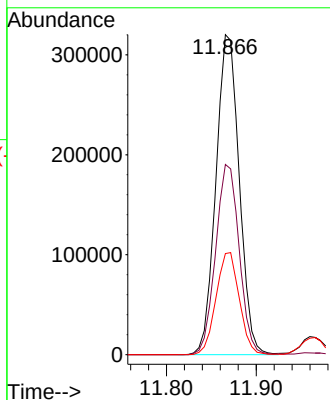
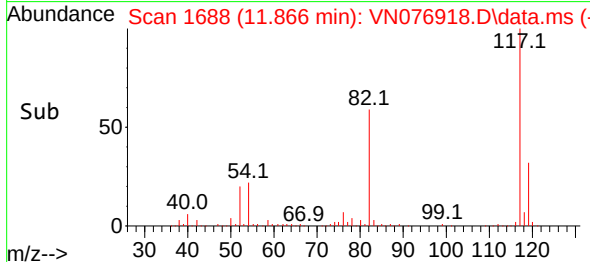
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 578374
Ion Ratio Lower Upper
117 100
82 59.5 43.5 65.3
119 31.6 25.5 38.3

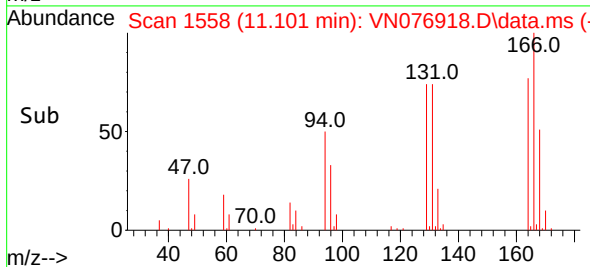
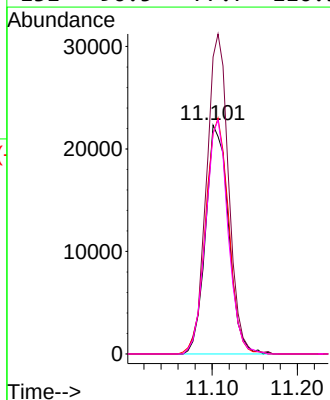
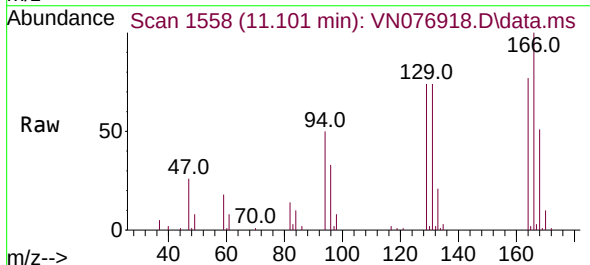
Manual Integrations
APPROVED

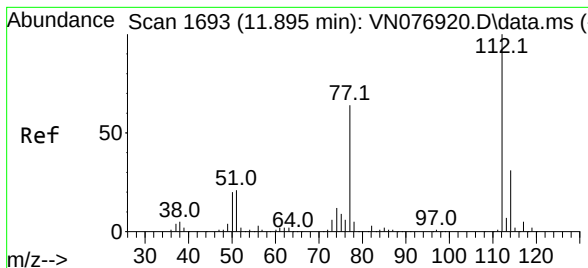
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 9.687 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion:164 Resp: 41693
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 96.3 81.5 122.3
131 96.5 77.7 116.5





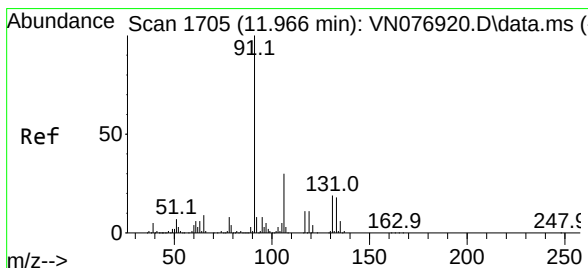
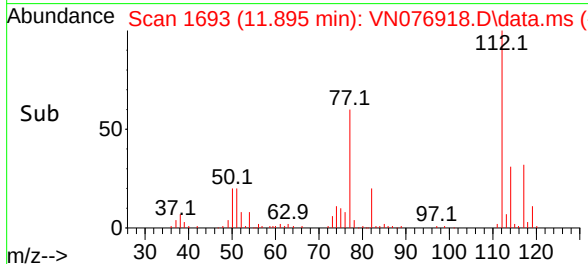
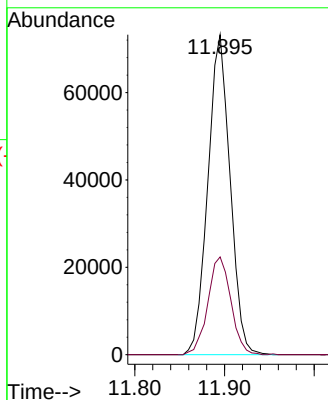
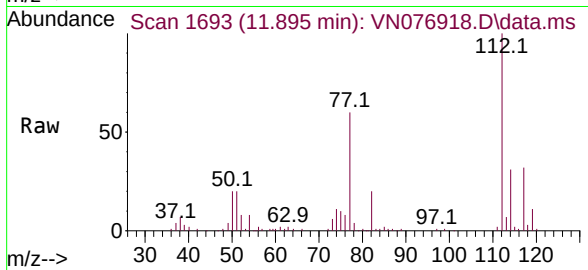
#65
Chlorobenzene
Concen: 10.070 ug/l
RT: 11.895 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 125870
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8

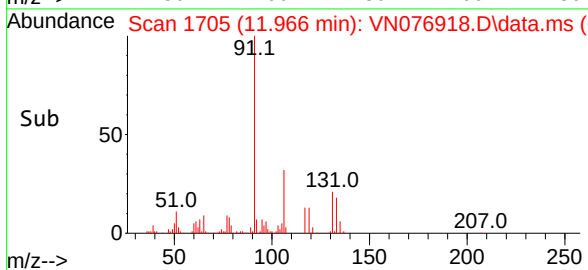
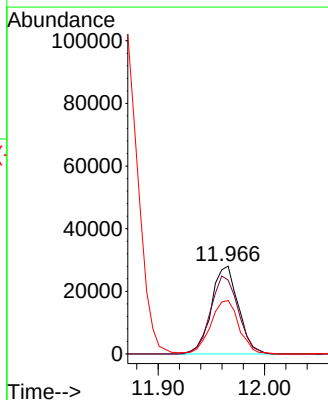
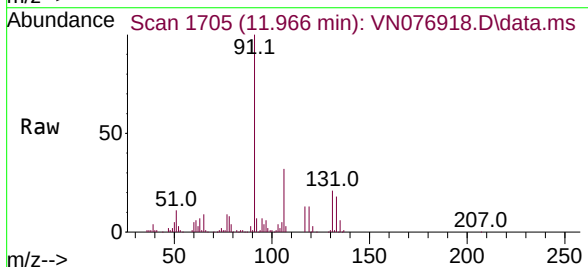
Manual Integrations
APPROVED

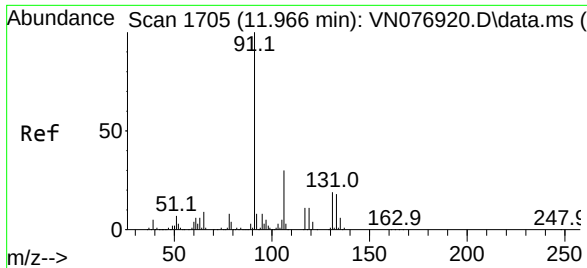
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.895 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

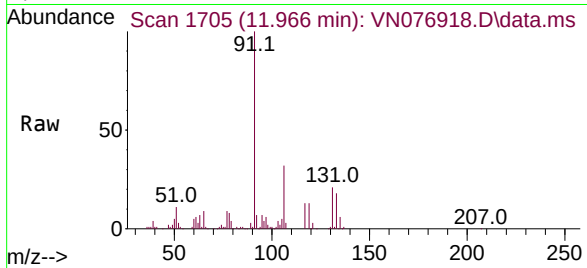
Tgt Ion:131 Resp: 49261
Ion Ratio Lower Upper
131 100
133 91.8 47.9 143.8
119 64.1 33.1 99.2





#67
Ethyl Benzene
Concen: 10.060 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

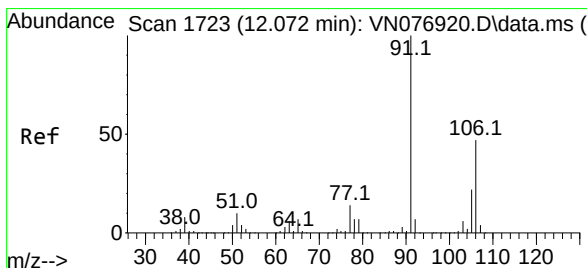
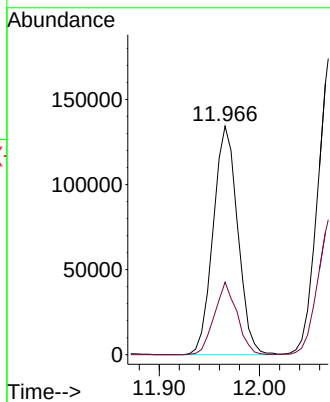
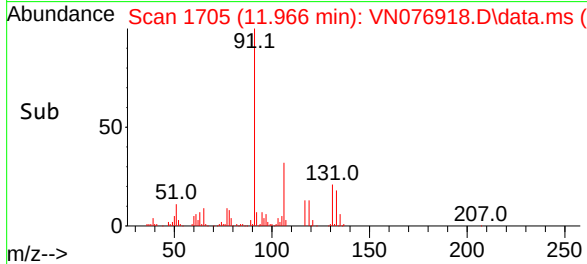
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



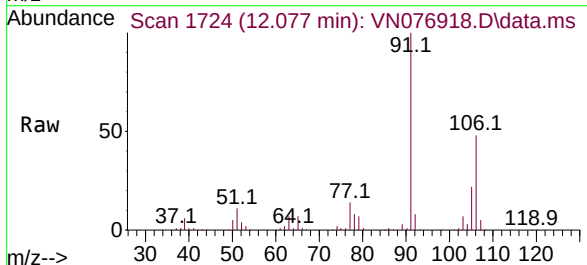
Tgt Ion: 91 Resp: 228329
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

Manual Integrations
APPROVED

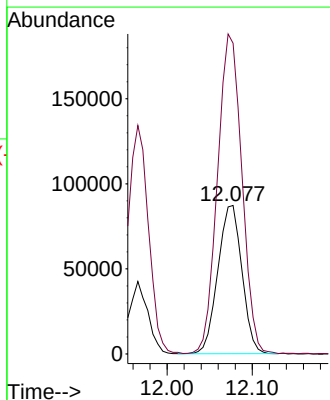
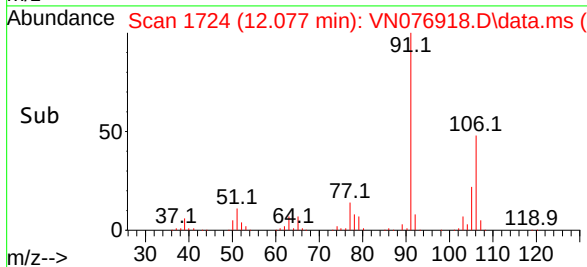
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

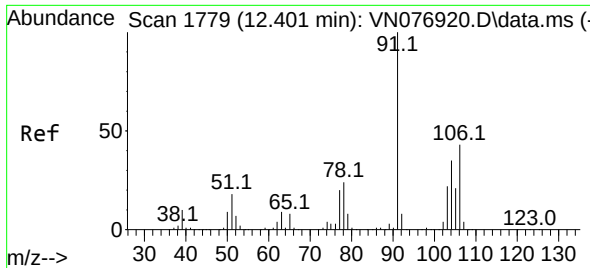


#68
m/p-Xylenes
Concen: 20.047 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10



Tgt Ion:106 Resp: 171181
Ion Ratio Lower Upper
106 100
91 218.6 158.0 237.0





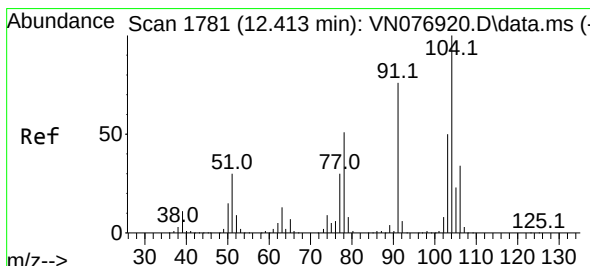
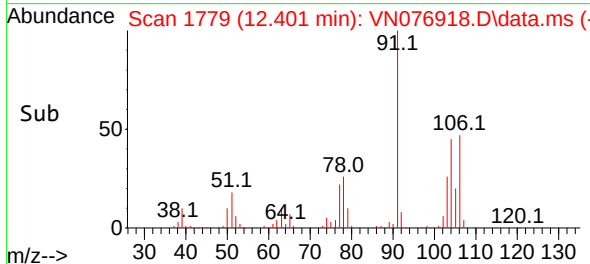
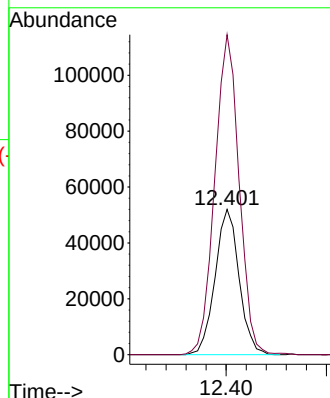
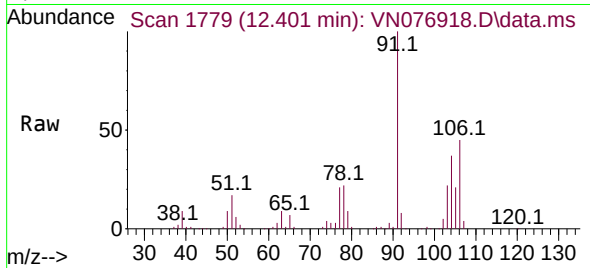
#69
o-Xylene
Concen: 10.270 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 8636
Ion Ratio Lower Upper
106 100
91 224.0 101.8 305.4

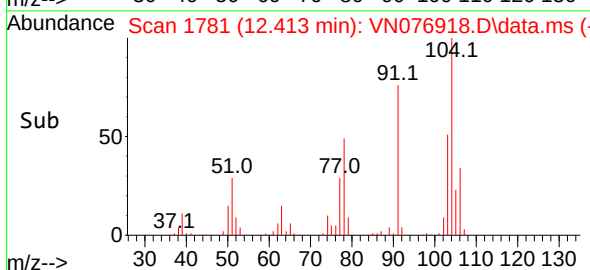
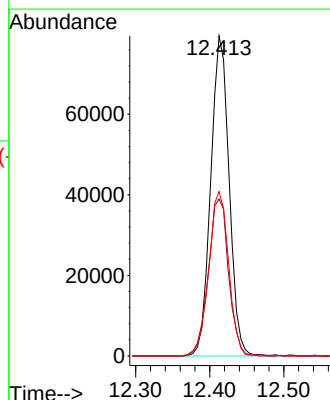
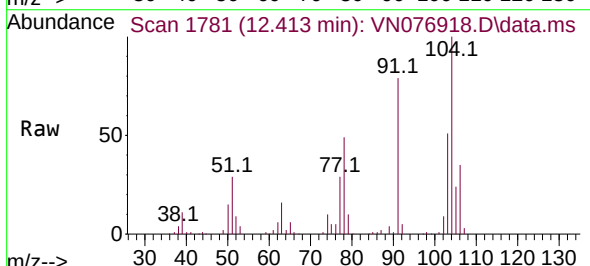
Manual Integrations
APPROVED

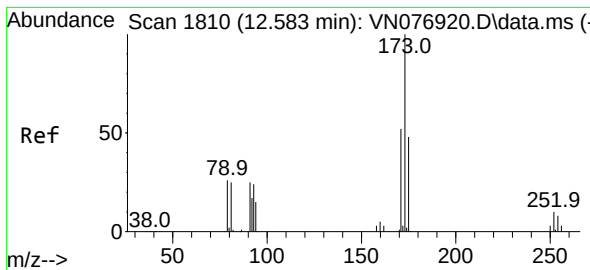
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 10.386 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion:104 Resp: 136930
Ion Ratio Lower Upper
104 100
78 54.1 36.6 55.0
103 55.4 43.4 65.0





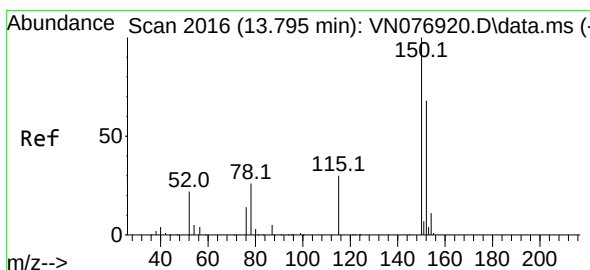
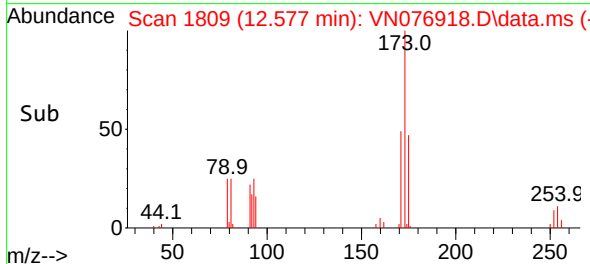
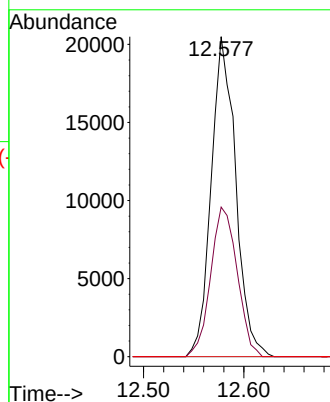
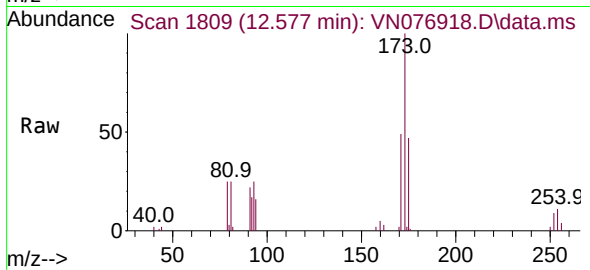
#71
Bromoform
Concen: 11.307 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 34800
Ion Ratio Lower Upper
173 100
175 50.6 24.9 74.6
254 0.0 0.0 0.0

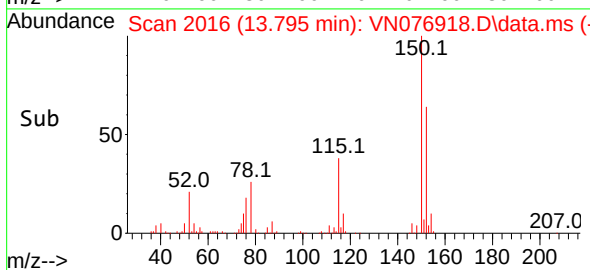
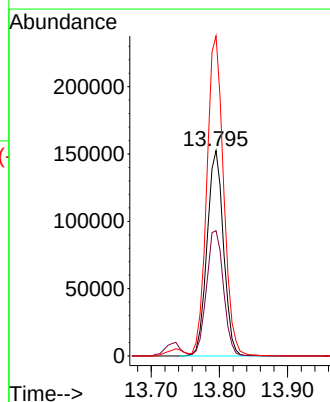
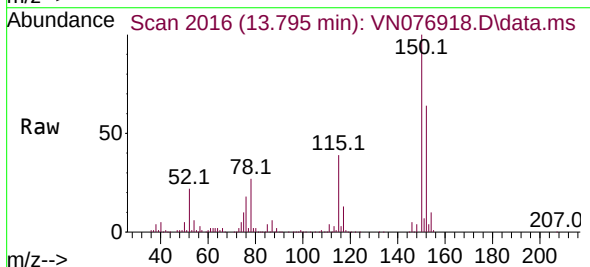
Manual Integrations
APPROVED

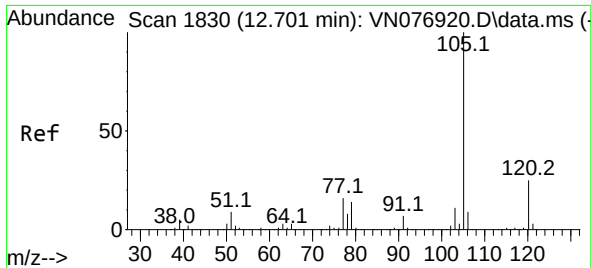
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

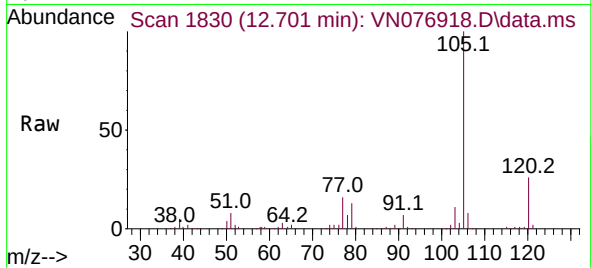
Tgt Ion:152 Resp: 254992
Ion Ratio Lower Upper
152 100
115 63.2 30.3 90.9
150 159.4 0.0 353.6





#73
Isopropylbenzene
Concen: 10.133 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

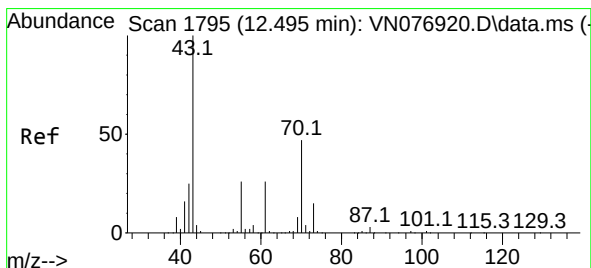
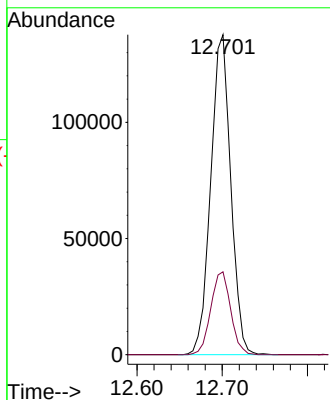
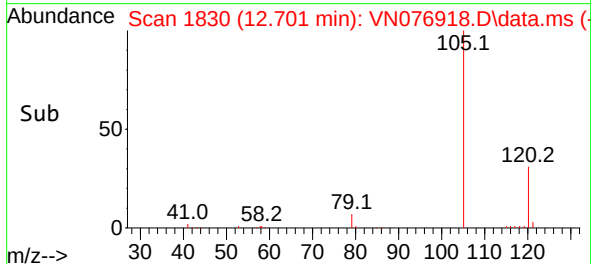
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



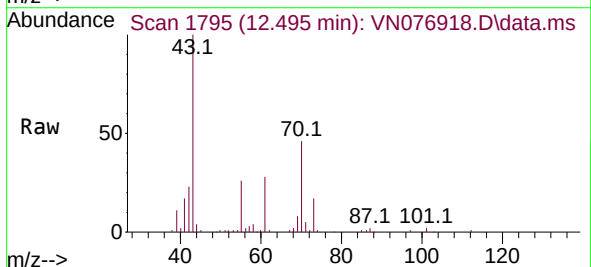
Tgt Ion:105 Resp: 22522
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4

Manual Integrations
APPROVED

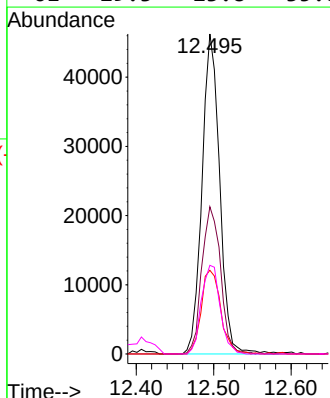
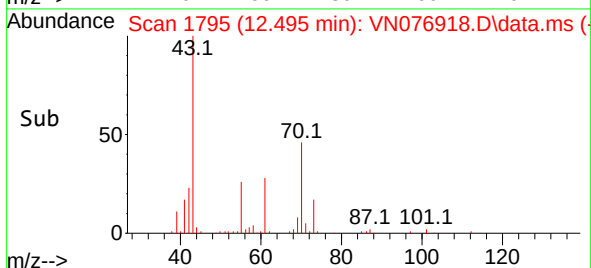
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

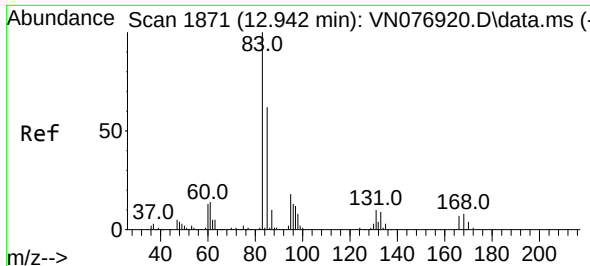


#74
N-ethyl acetate
Concen: 8.437 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10



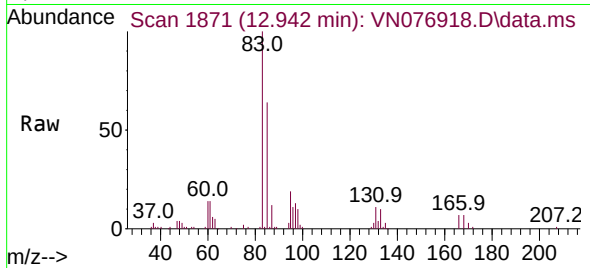
Tgt Ion: 43 Resp: 73342
Ion Ratio Lower Upper
43 100
70 49.0 46.8 70.2
55 28.9 23.4 35.2
61 29.3 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 9.376 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

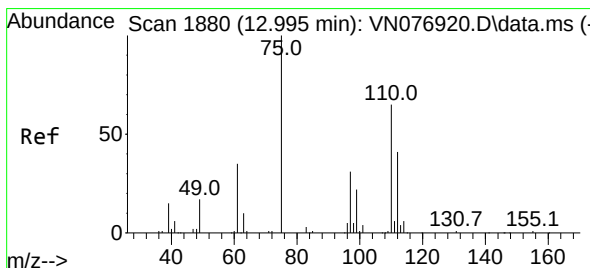
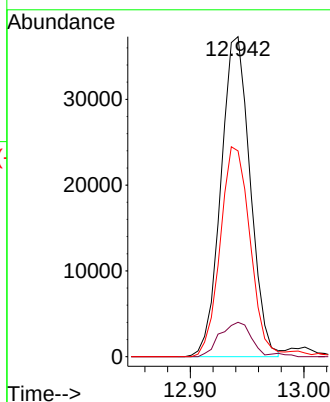
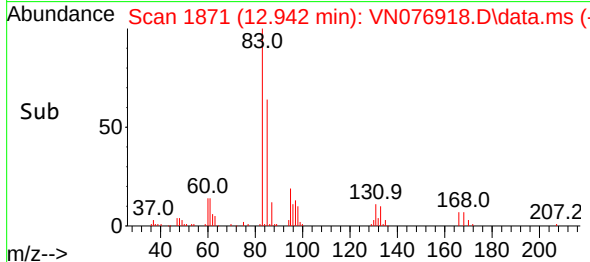
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 66785
Ion Ratio Lower Upper
83 100
131 11.5 5.3 16.1
85 66.9 32.0 96.0

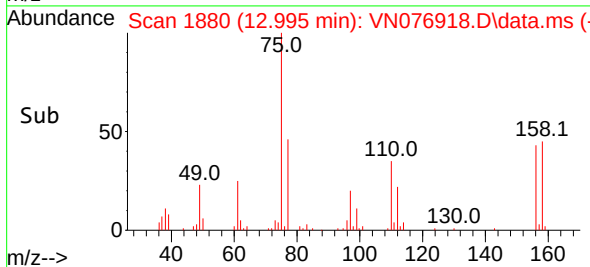
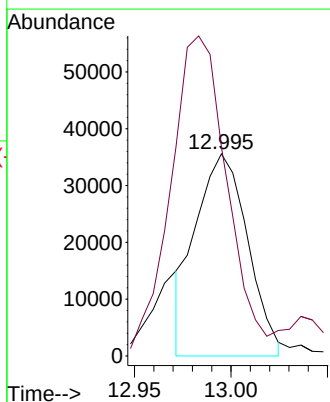
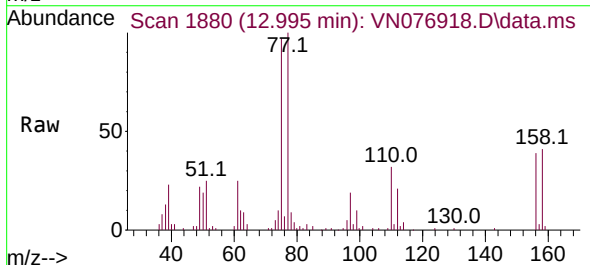
Manual Integrations
APPROVED

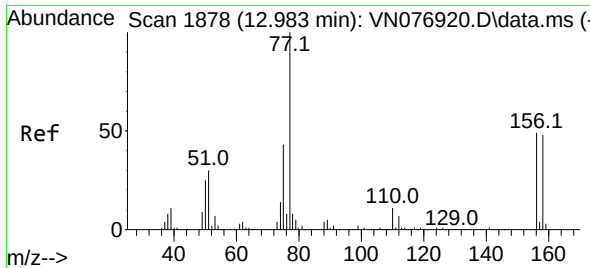
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#76
1,2,3-Trichloropropane
Concen: 10.340 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

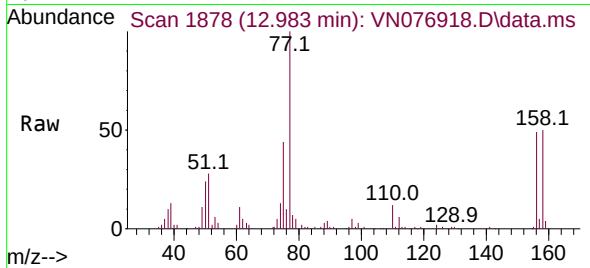
Tgt Ion: 75 Resp: 66497
Ion Ratio Lower Upper
75 100
77 172.5 93.8 281.4





#77
Bromobenzene
Concen: 9.697 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

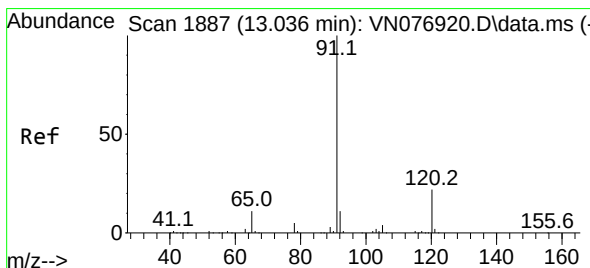
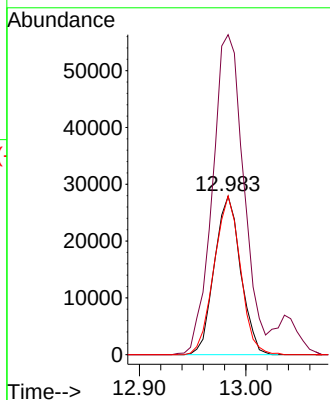
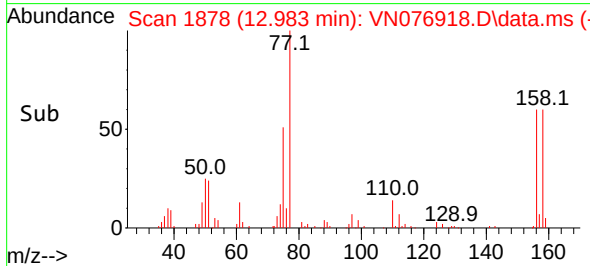
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 47698
Ion Ratio Lower Upper
156 100
77 240.5 101.3 303.7
158 100.6 48.9 146.7

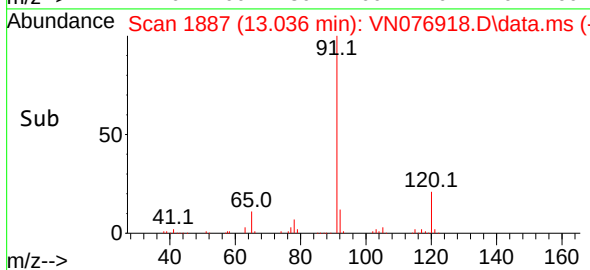
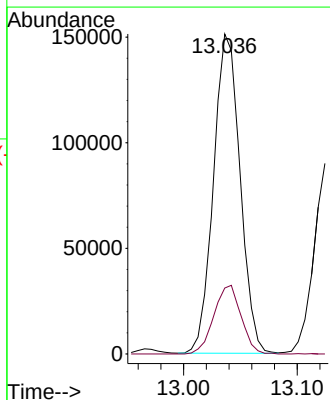
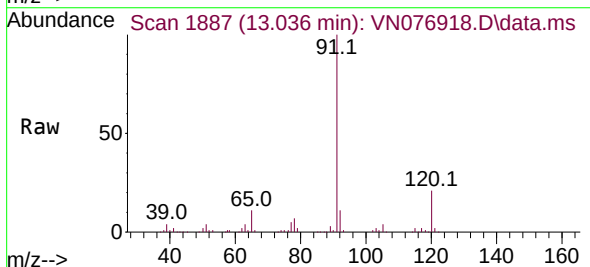
Manual Integrations
APPROVED

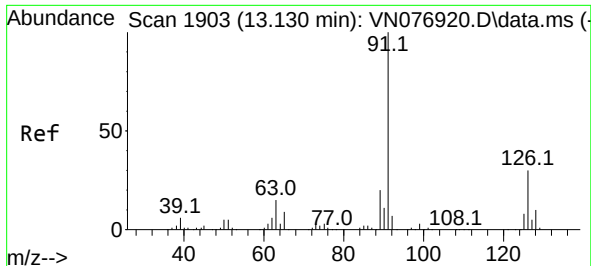
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#78
n-propylbenzene
Concen: 9.709 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 91 Resp: 246087
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.7





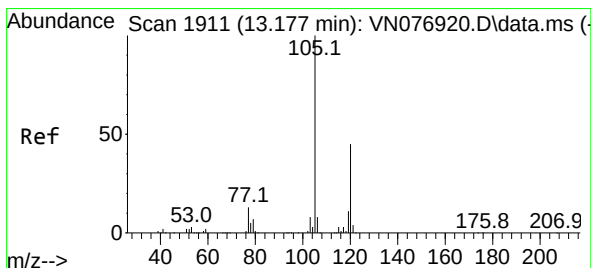
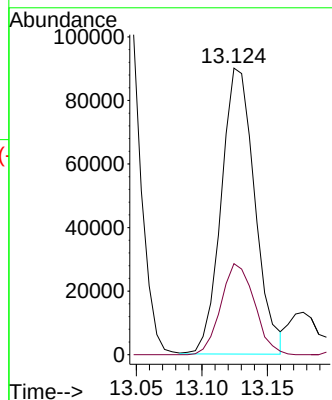
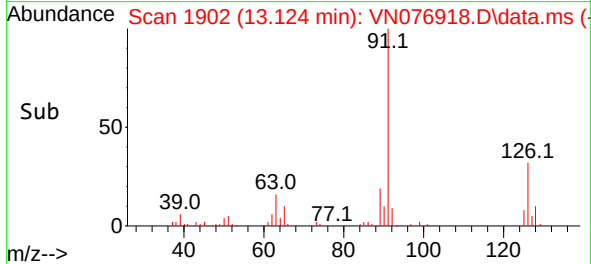
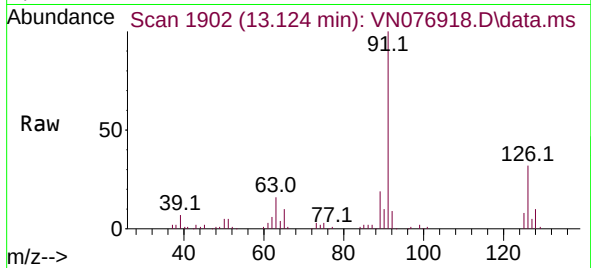
#79
2-Chlorotoluene
Concen: 9.846 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 16008
Ion Ratio Lower Upper
91 100
126 31.7 17.7 53.1

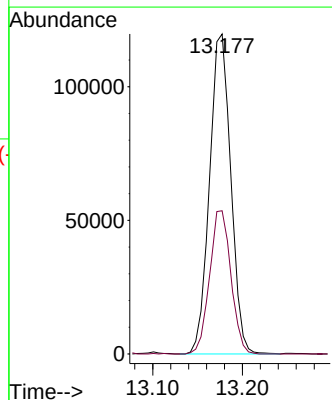
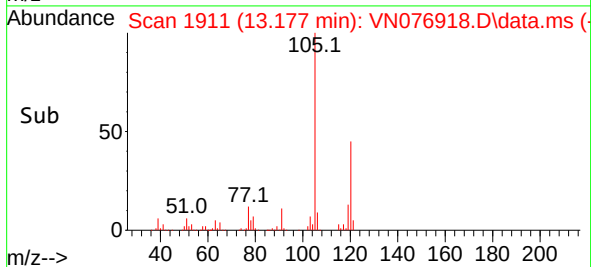
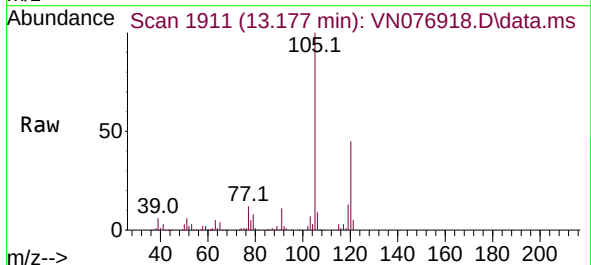
Manual Integrations
APPROVED

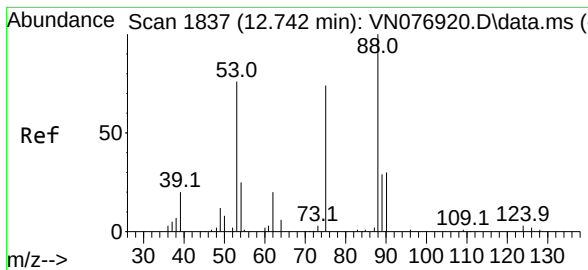
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.589 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion:105 Resp: 197256
Ion Ratio Lower Upper
105 100
120 44.9 25.2 75.6





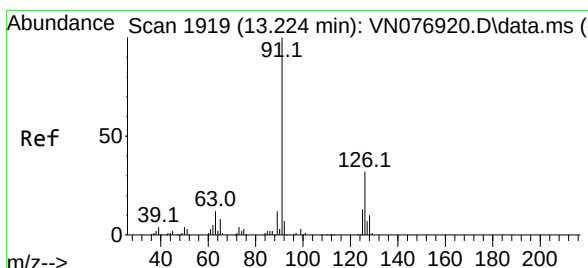
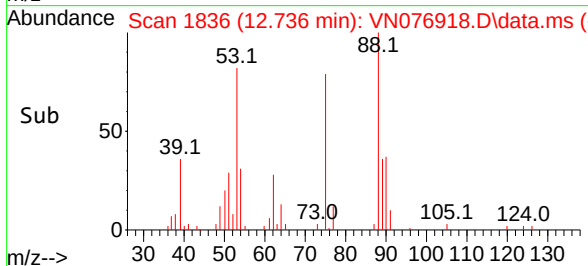
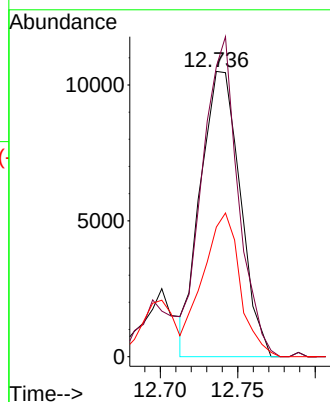
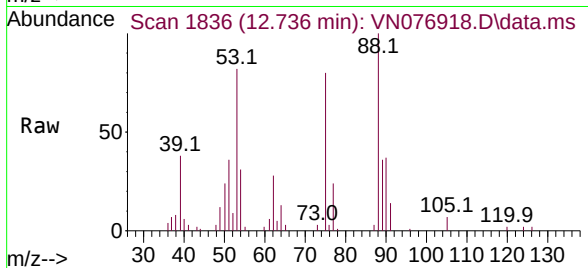
#81
trans-1,4-Dichloro-2-butene
Concen: 9.570 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 1866
Ion Ratio Lower Upper
75 100
53 101.0 67.4 101.0
89 47.3 39.5 59.3

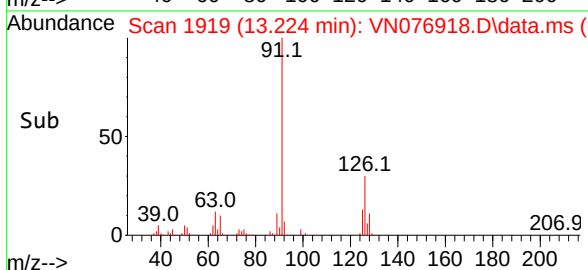
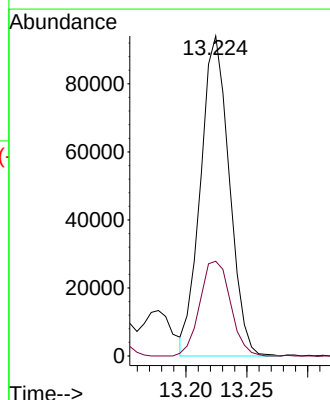
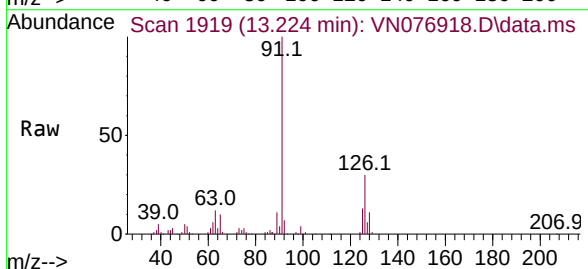
Manual Integrations
APPROVED

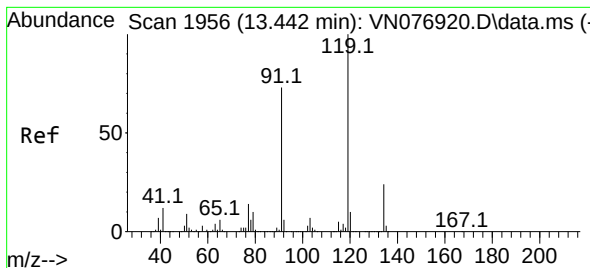
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 10.030 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion: 91 Resp: 154614
Ion Ratio Lower Upper
91 100
126 31.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 10.334 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:119 Resp: 164509

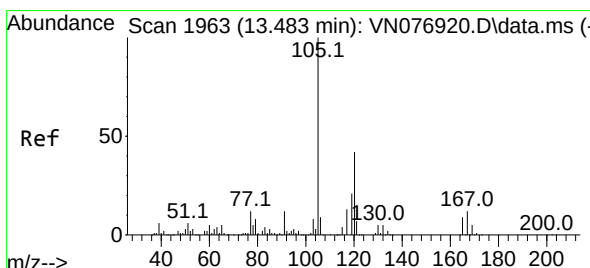
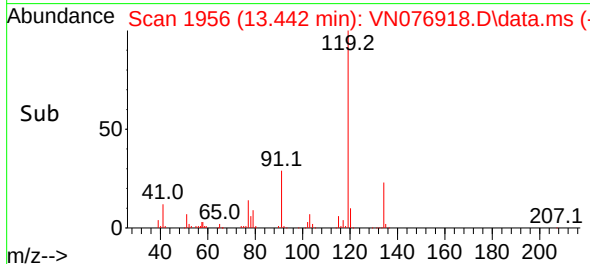
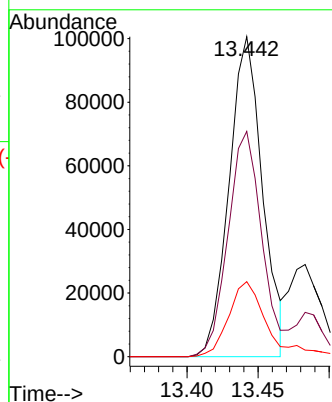
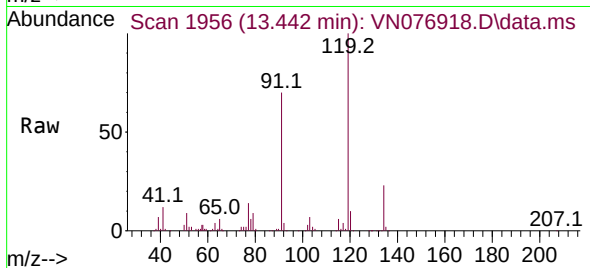
Ion	Ratio	Lower	Upper
119	100		
91	72.4	31.9	95.5
134	26.8	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 10.700 ug/l

RT: 13.483 min Scan# 1963

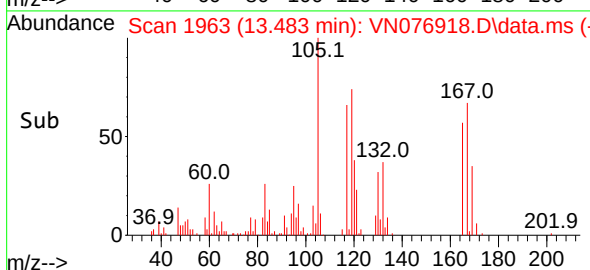
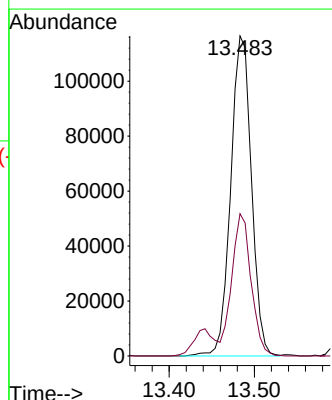
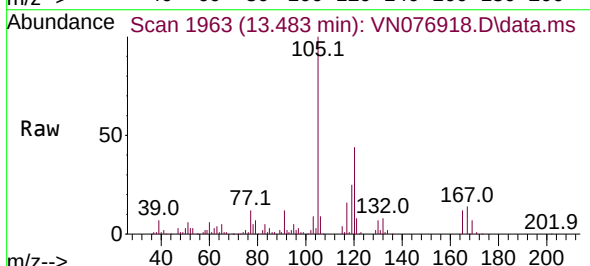
Delta R.T. 0.000 min

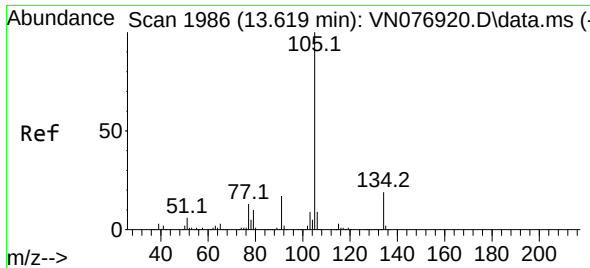
Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion:105 Resp: 196625

Ion	Ratio	Lower	Upper
105	100		
120	41.4	23.6	70.8





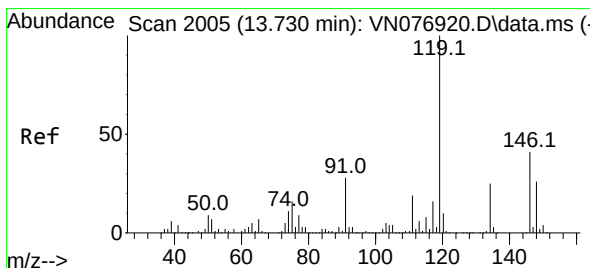
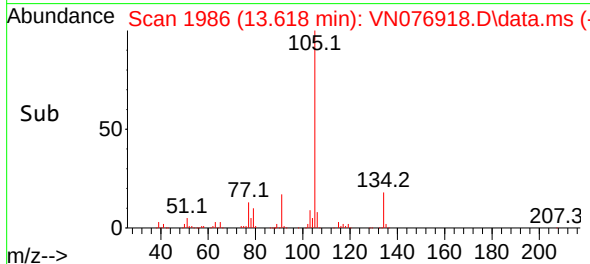
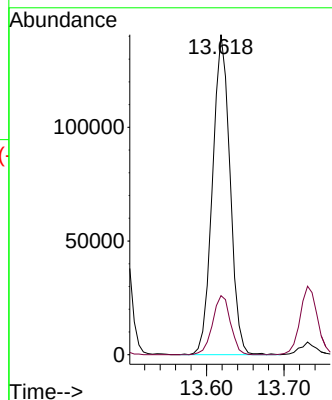
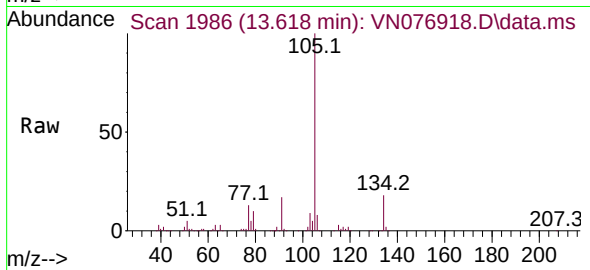
#85
 sec-Butylbenzene
 Concen: 9.936 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 220840
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2

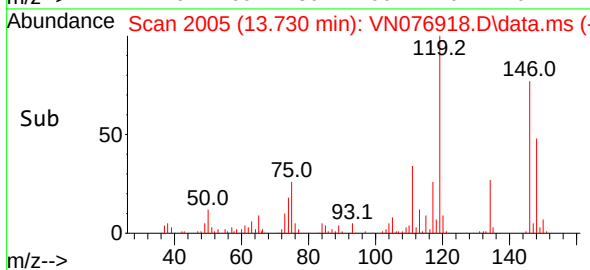
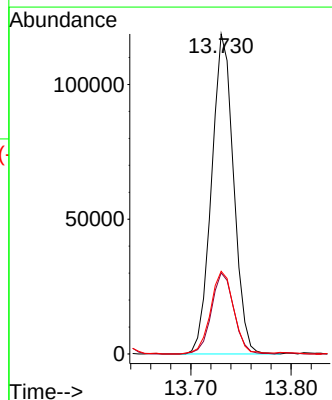
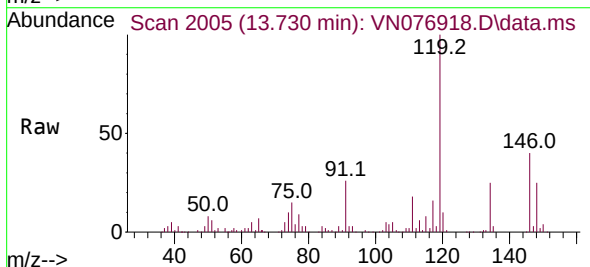
Manual Integrations
 APPROVED

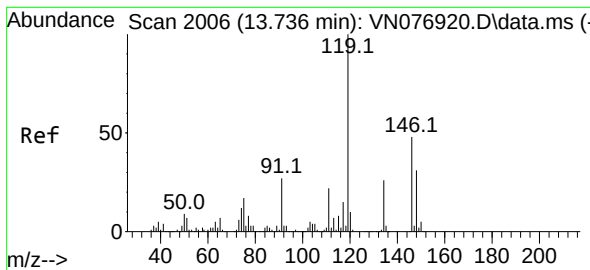
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 10.173 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076918.D
 Acq: 10 Mar 2023 12:10

Tgt Ion:119 Resp: 180841
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.5
 91 27.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 9.813 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

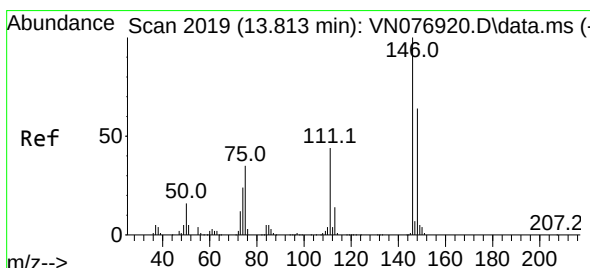
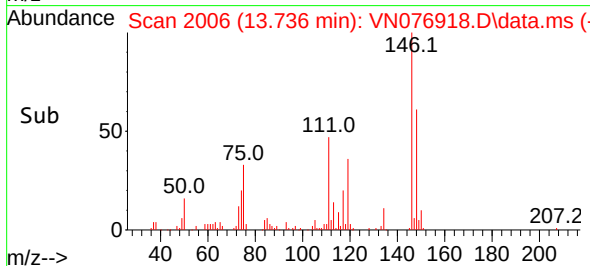
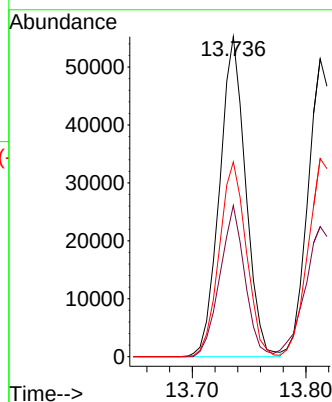
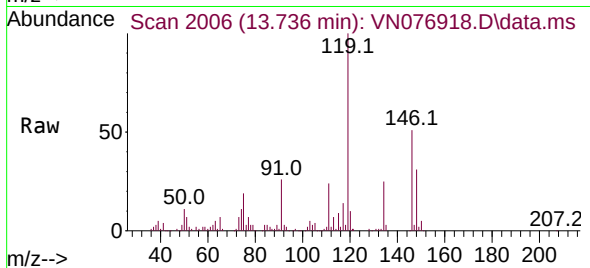
Tgt Ion:146 Resp: 88129
 Ion Ratio Lower Upper
 146 100
 111 45.1 20.4 61.2
 148 63.1 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#88

1,4-Dichlorobenzene

Concen: 9.604 ug/l

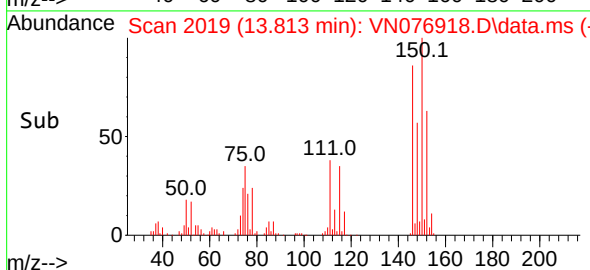
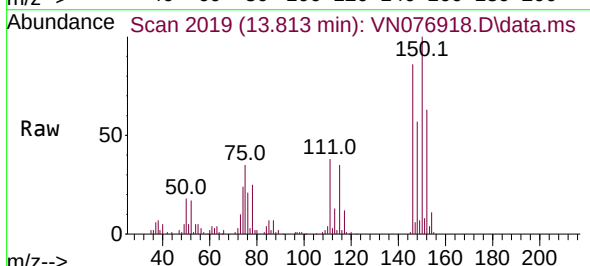
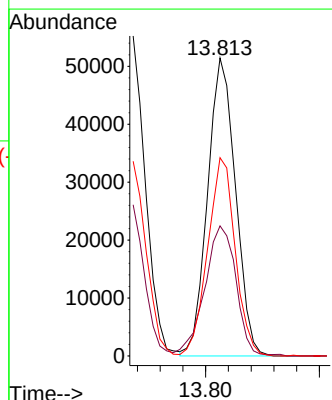
RT: 13.813 min Scan# 2019

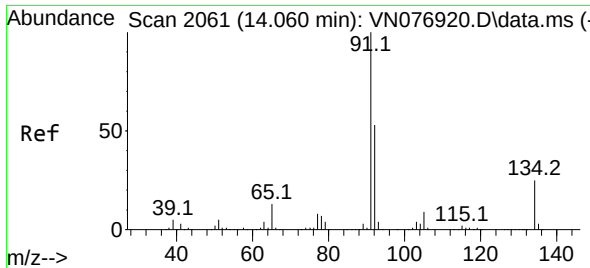
Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion:146 Resp: 87581
 Ion Ratio Lower Upper
 146 100
 111 49.1 20.0 60.0
 148 65.7 31.8 95.4





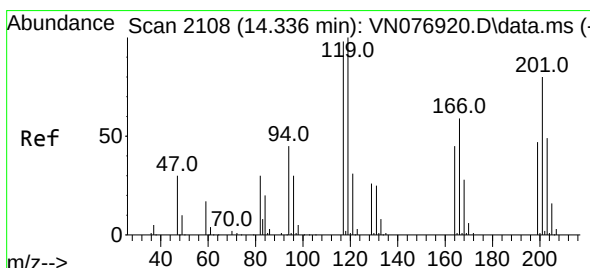
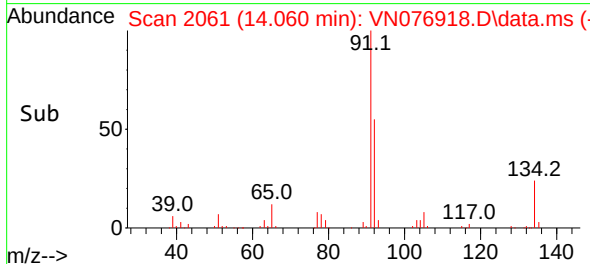
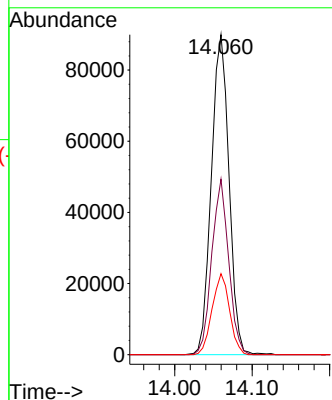
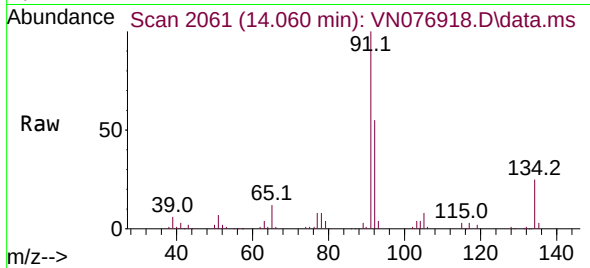
#89
n-Butylbenzene
Concen: 9.296 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 14276
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 24.9 13.6 40.7

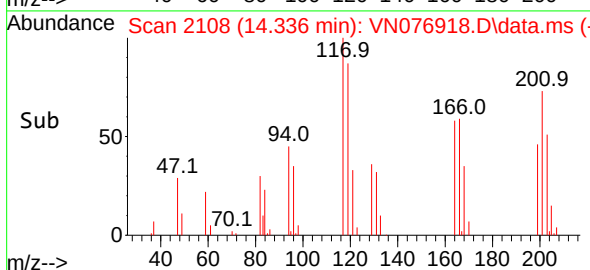
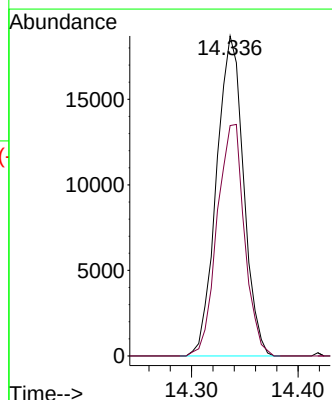
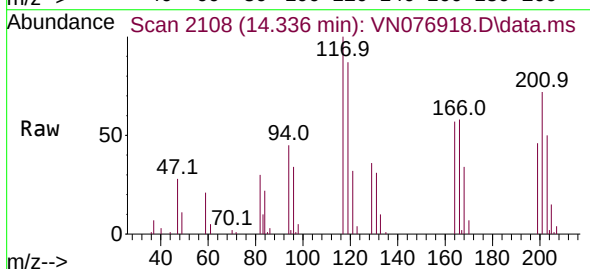
Manual Integrations
APPROVED

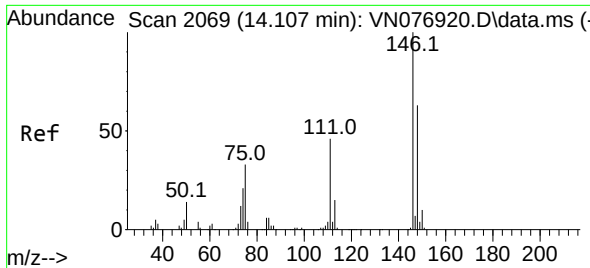
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 10.288 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Tgt Ion:117 Resp: 33043
Ion Ratio Lower Upper
117 100
201 73.1 31.9 95.7





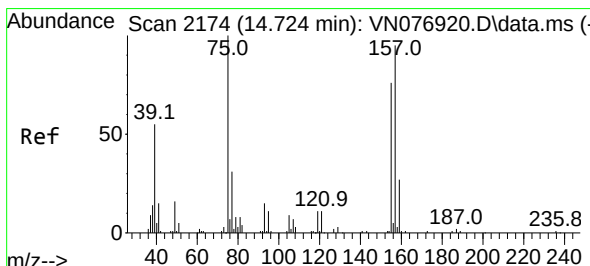
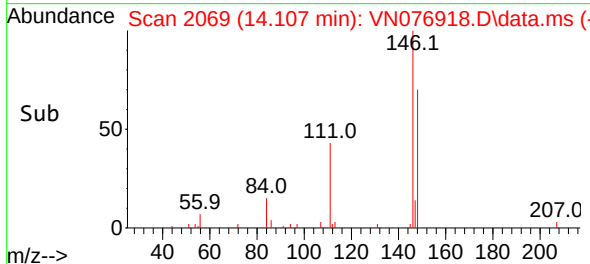
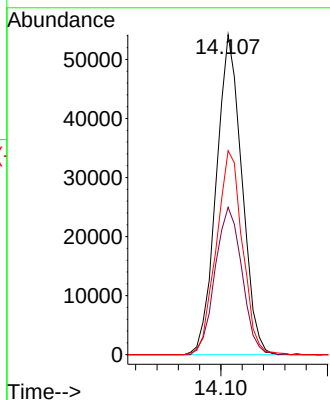
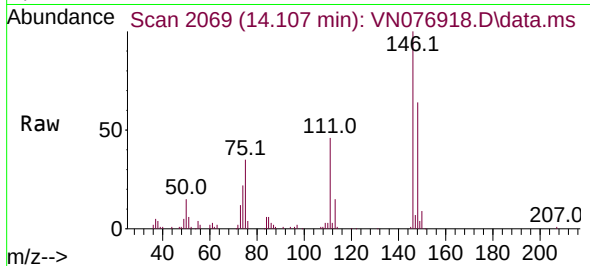
#91
1,2-Dichlorobenzene
Concen: 9.916 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 90210
Ion Ratio Lower Upper
146 100
111 48.4 21.4 64.2
148 65.2 32.0 96.0

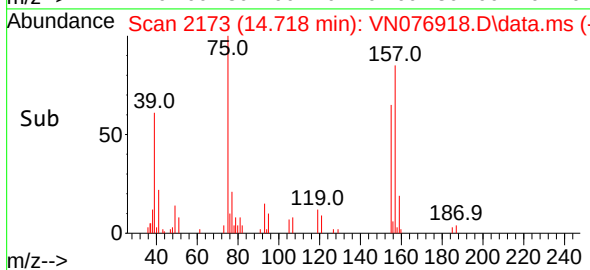
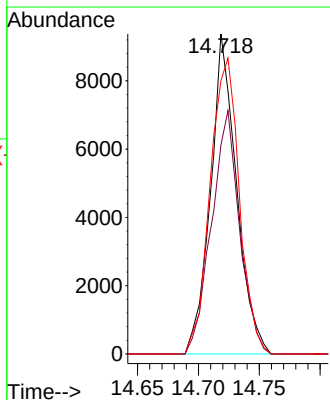
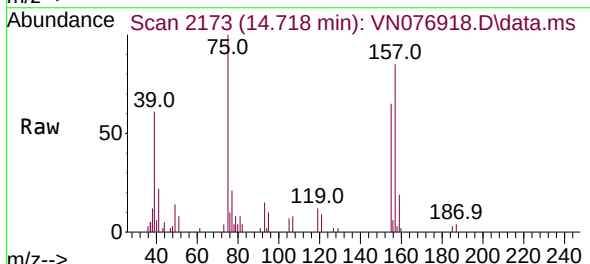
Manual Integrations
APPROVED

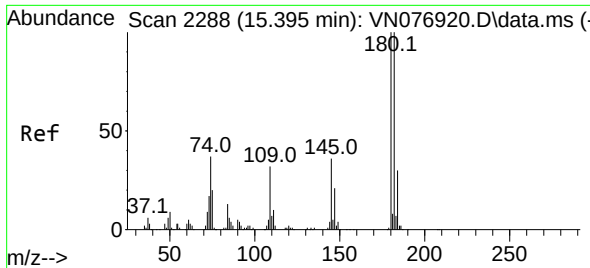
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.322 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

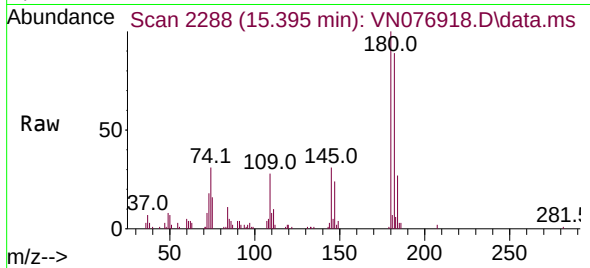
Tgt Ion: 75 Resp: 13932
Ion Ratio Lower Upper
75 100
155 81.8 44.3 132.8
157 103.8 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 9.786 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10

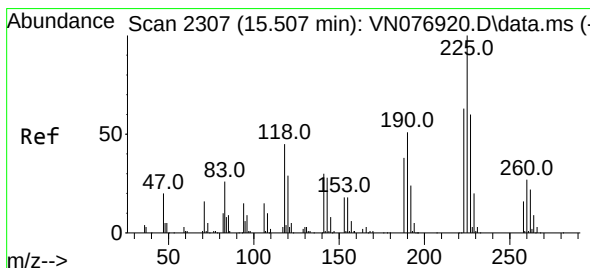
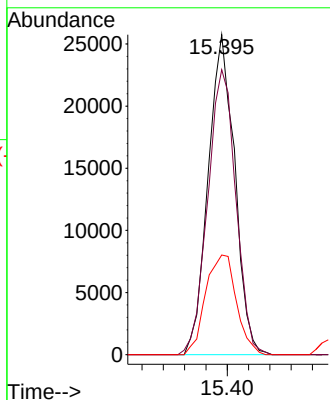
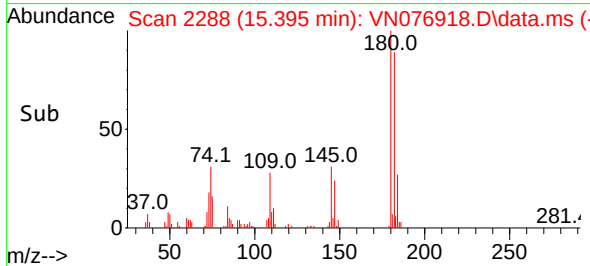
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



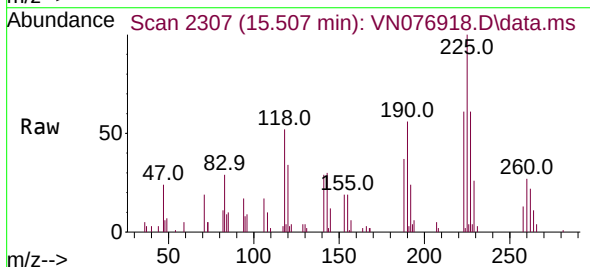
Tgt Ion:180 Resp: 44539
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 36.1 15.8 47.3

Manual Integrations
APPROVED

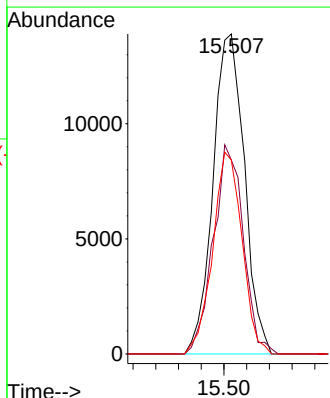
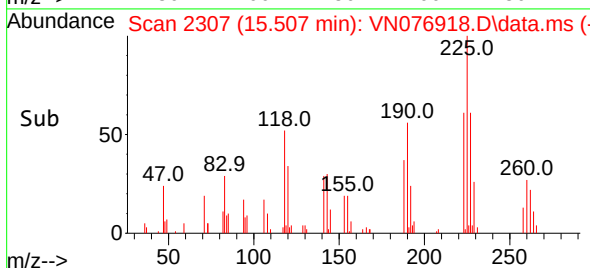
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

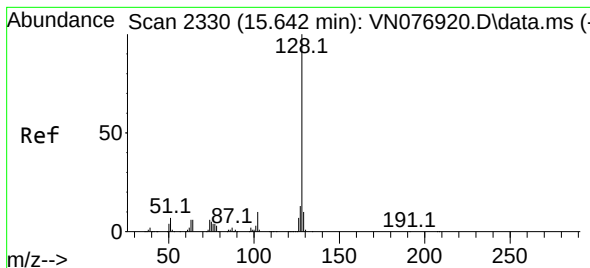


#94
Hexachlorobutadiene
Concen: 11.251 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076918.D
Acq: 10 Mar 2023 12:10



Tgt Ion:225 Resp: 26662
Ion Ratio Lower Upper
225 100
223 62.4 31.4 94.0
227 59.0 30.9 92.7





#95

Naphthalene

Concen: 9.792 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:128 Resp: 14275

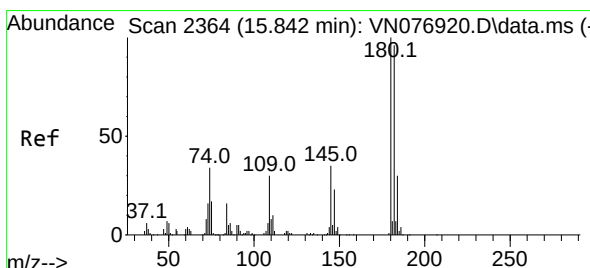
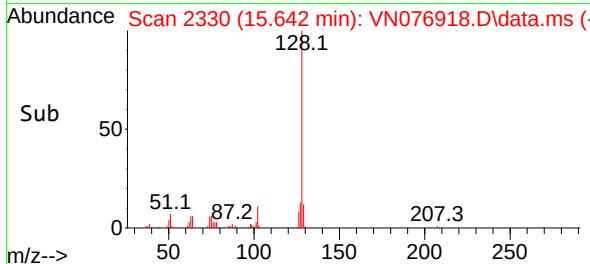
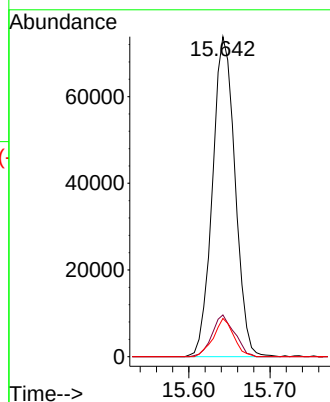
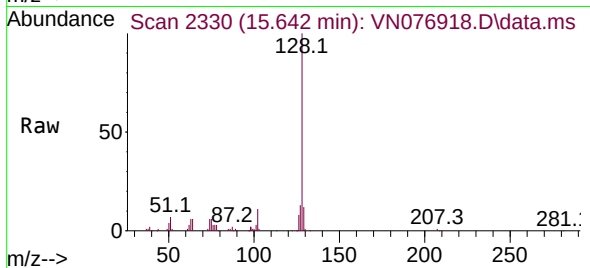
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 10.151 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076918.D

Acq: 10 Mar 2023 12:10

Tgt Ion:180 Resp: 45406

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.7	143.1
145	39.0	17.0	51.0

