

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077392.D
 Acq On : 20 Apr 2023 11:44
 Operator : JC\MD
 Sample : VN0420WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01

Quant Time: Apr 21 02:38:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/21/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	558896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1039167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	903728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	365998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	386092	50.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.080%			
35) Dibromofluoromethane	8.172	113	353445	53.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	10.572	98	1322969	49.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.800%			
62) 4-Bromofluorobenzene	12.854	95	432416	48.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	132405	18.561	ug/l	95
3) Chloromethane	2.372	50	119445	13.512	ug/l	96
4) Vinyl Chloride	2.525	62	159587	13.315	ug/l	97
5) Bromomethane	2.960	94	141682	16.306	ug/l	93
6) Chloroethane	3.125	64	119005	13.913	ug/l	94
7) Trichlorofluoromethane	3.507	101	219347	21.106	ug/l	99
8) Diethyl Ether	3.972	74	77111	17.706	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	121790	19.149	ug/l	97
10) Methyl Iodide	4.601	142	150026	19.395	ug/l	96
11) Tert butyl alcohol	5.537	59	105190	67.487	ug/l	98
12) 1,1-Dichloroethene	4.348	96	121668	18.583	ug/l	86
13) Acrolein	4.190	56	110453	74.822	ug/l	97
14) Allyl chloride	5.031	41	141172	14.277	ug/l	88
15) Acrylonitrile	5.731	53	265137	76.944	ug/l	98
16) Acetone	4.437	43	227178	80.663	ug/l	96
17) Carbon Disulfide	4.719	76	294356	16.673	ug/l	100
18) Methyl Acetate	5.037	43	174024	16.224	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	408368	17.579	ug/l	98
20) Methylene Chloride	5.295	84	141797	17.827	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	130459	18.199	ug/l	99
22) Diisopropyl ether	6.684	45	324932	16.390	ug/l	95
23) Vinyl Acetate	6.607	43	1039751	77.569	ug/l	98
24) 1,1-Dichloroethane	6.578	63	224384	17.528	ug/l	98
25) 2-Butanone	7.489	43	334191	73.112	ug/l	95
26) 2,2-Dichloropropane	7.495	77	215743	18.379	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	161469	18.445	ug/l	96
28) Bromochloromethane	7.825	49	90380	17.551	ug/l	93
29) Tetrahydrofuran	7.848	42	207344	70.566	ug/l	93
30) Chloroform	7.972	83	252462	18.493	ug/l	98
31) Cyclohexane	8.260	56	199474	16.806	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	234644	18.899	ug/l	95
36) 1,1-Dichloropropene	8.378	75	185223	18.825	ug/l	97
37) Ethyl Acetate	7.566	43	132757	15.081	ug/l	96
38) Carbon Tetrachloride	8.366	117	203994	20.237	ug/l	96
39) Methylcyclohexane	9.601	83	242419	18.272	ug/l	97
40) Benzene	8.613	78	562989	18.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	70951	14.994	ug/l	91
42) 1,2-Dichloroethane	8.678	62	187727	19.875	ug/l	100
43) Isopropyl Acetate	8.695	43	249364	15.351	ug/l	98
44) Trichloroethene	9.354	130	144625	19.696	ug/l	94
45) 1,2-Dichloropropane	9.625	63	135077	18.533	ug/l	92
46) Dibromomethane	9.713	93	104409	19.013	ug/l	97
47) Bromodichloromethane	9.889	83	206232	18.789	ug/l	96
48) Methyl methacrylate	9.683	41	111091	16.032	ug/l	97
49) 1,4-Dioxane	9.695	88	52125	310.268	ug/l #	87
51) 4-Methyl-2-Pentanone	10.448	43	722537	76.954	ug/l	99
52) Toluene	10.630	92	378886	18.862	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	214953	18.035	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	231407	18.227	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	146806	18.618	ug/l	98
56) Ethyl methacrylate	10.877	69	204363	16.640	ug/l	98
57) 1,3-Dichloropropane	11.166	76	240149	18.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	271095	74.150	ug/l	93
59) 2-Hexanone	11.195	43	523045	74.775	ug/l	98
60) Dibromochloromethane	11.360	129	157115	19.347	ug/l	99
61) 1,2-Dibromoethane	11.472	107	148714	18.895	ug/l	99
64) Tetrachloroethene	11.107	164	113303	20.295	ug/l	96
65) Chlorobenzene	11.895	112	400499	20.129	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	147987	19.657	ug/l	98
67) Ethyl Benzene	11.966	91	715251	19.481	ug/l	99
68) m/p-Xylenes	12.072	106	560388	38.845	ug/l	100
69) o-Xylene	12.401	106	279240	19.621	ug/l	98
70) Styrene	12.413	104	442344	19.314	ug/l	98
71) Bromoform	12.583	173	97948	18.483	ug/l #	99
73) Isopropylbenzene	12.701	105	719406	20.237	ug/l	100
74) N-amyl acetate	12.495	43	208131	15.449	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	209134	18.746	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	155284m	17.817	ug/l	
77) Bromobenzene	12.983	156	150408	20.808	ug/l	91
78) n-propylbenzene	13.036	91	792156	20.167	ug/l	100
79) 2-Chlorotoluene	13.124	91	469065	19.833	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	565928	19.932	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	64692	16.704	ug/l	96
82) 4-Chlorotoluene	13.224	91	454676	20.390	ug/l	99
83) tert-Butylbenzene	13.442	119	510451	20.198	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	533999	19.037	ug/l	99
85) sec-Butylbenzene	13.618	105	717800	20.380	ug/l	99
86) p-Isopropyltoluene	13.730	119	558669	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	272491	20.377	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	263230	19.961	ug/l	98
89) n-Butylbenzene	14.060	91	433096	18.847	ug/l	100
90) Hexachloroethane	14.336	117	116117	19.185	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	272271	20.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	36042	17.047	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	64543	13.365	ug/l	93
94) Hexachlorobutadiene	15.465	225	55748	19.942	ug/l	97
95) Naphthalene	15.589	128	244807	13.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	66352	14.364	ug/l	99

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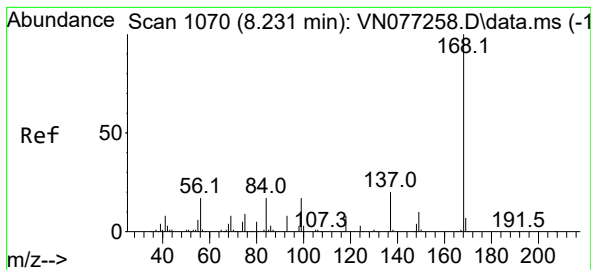
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/22/2023

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

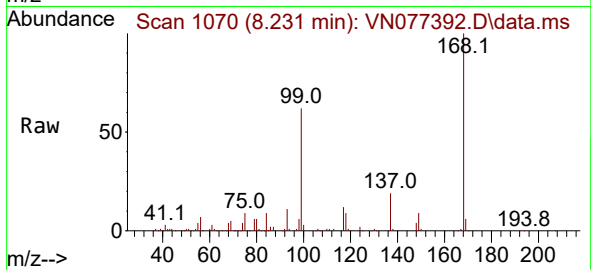
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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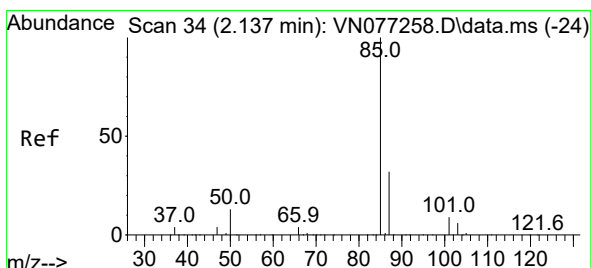
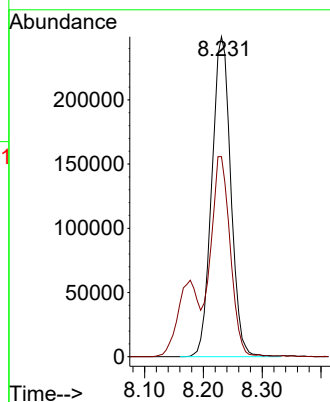
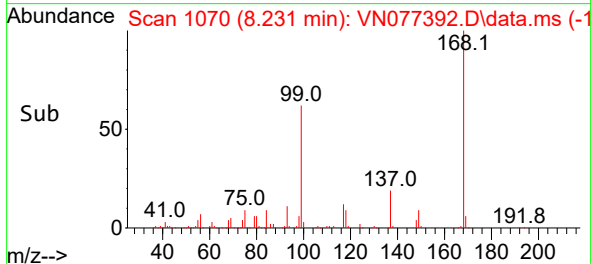
Instrument :
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VN0420WBS01



Tgt Ion:168 Resp: 558890
Ion Ratio Lower Upper
168 100
99 62.2 50.6 75.8

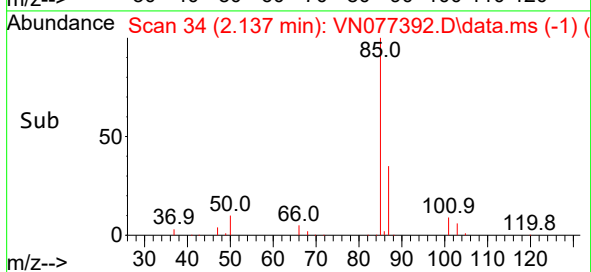
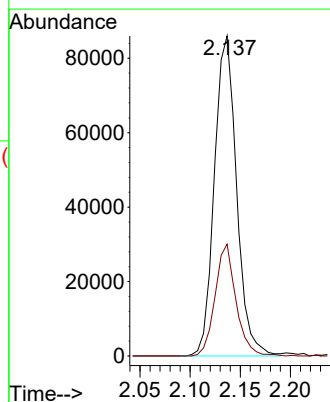
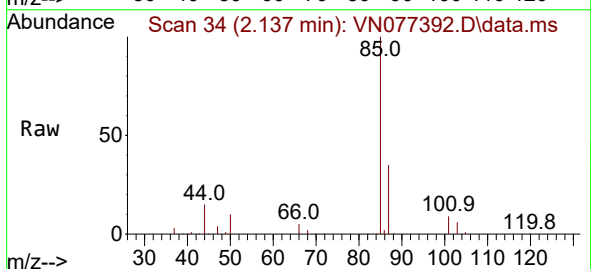
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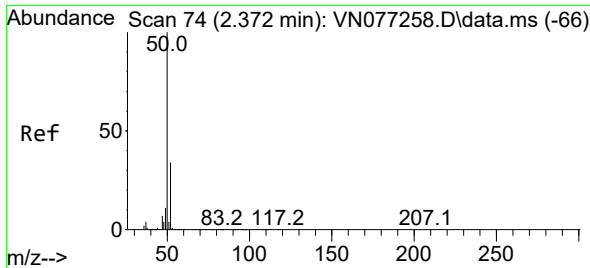
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 18.561 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

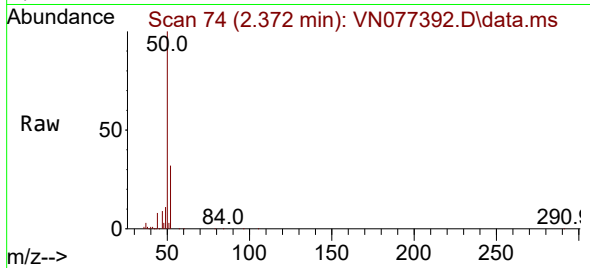
Tgt Ion: 85 Resp: 132405
Ion Ratio Lower Upper
85 100
87 34.9 16.1 48.2





#3
Chloromethane
Concen: 13.512 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

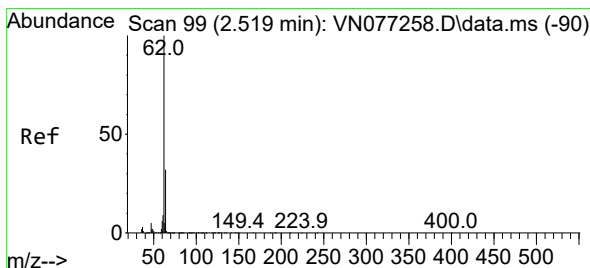
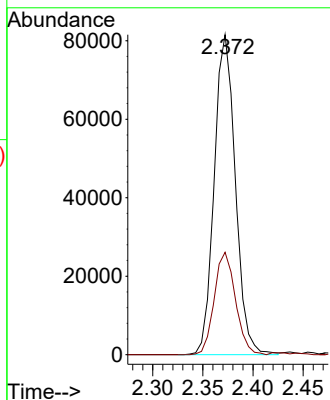
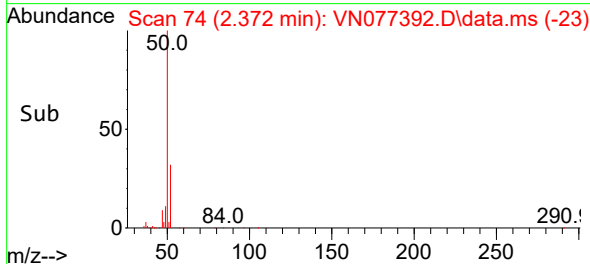
Instrument :
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Tgt Ion: 50 Resp: 11944
Ion Ratio Lower Upper
50 100
52 32.0 27.3 40.9

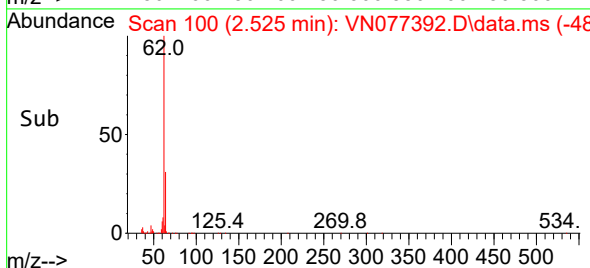
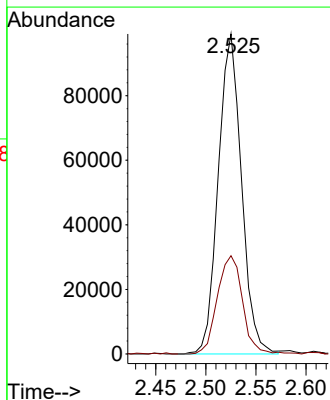
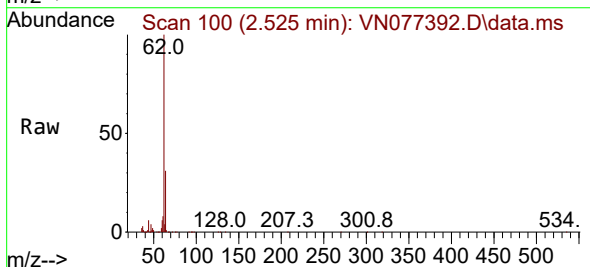
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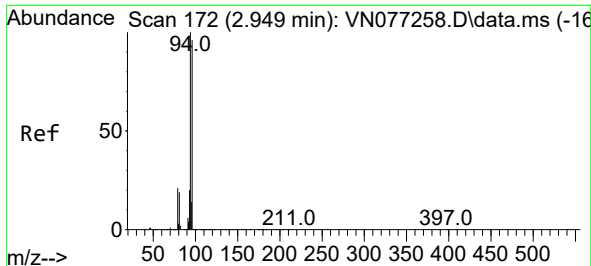
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Vinyl Chloride
Concen: 13.315 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion: 62 Resp: 159587
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.8





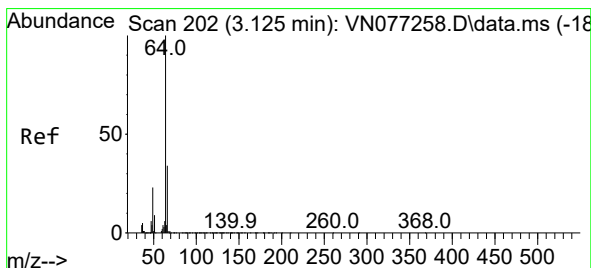
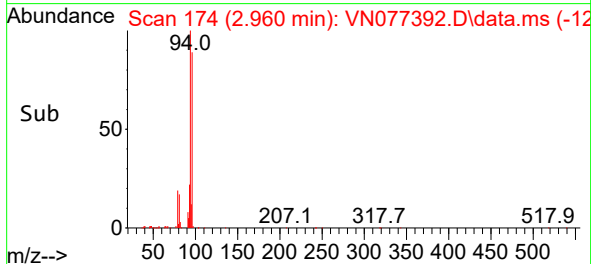
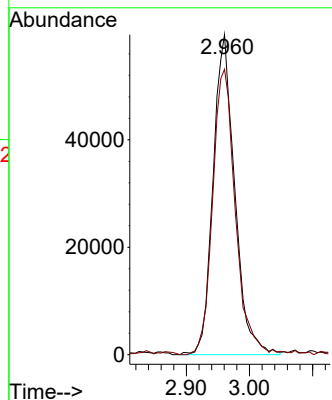
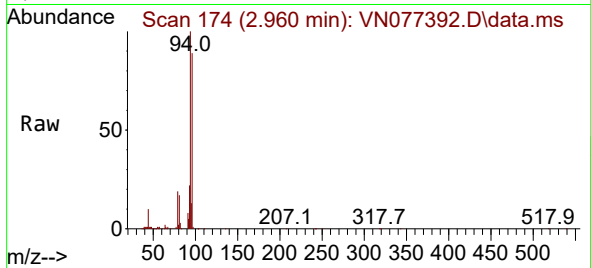
#5
Bromomethane
Concen: 16.306 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.011 min
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Tgt Ion: 94 Resp: 141682
Ion Ratio Lower Upper
94 100
96 89.2 77.0 115.4

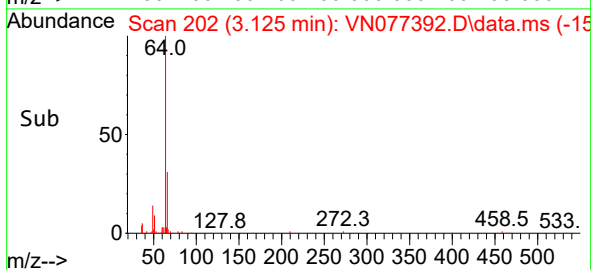
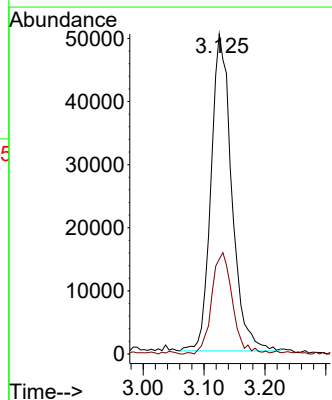
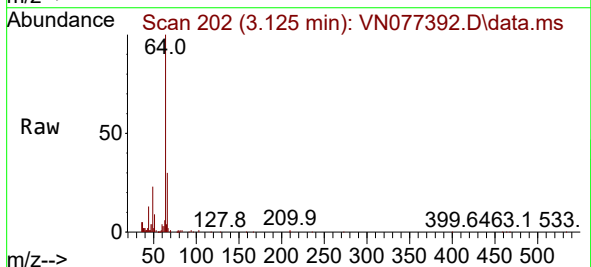
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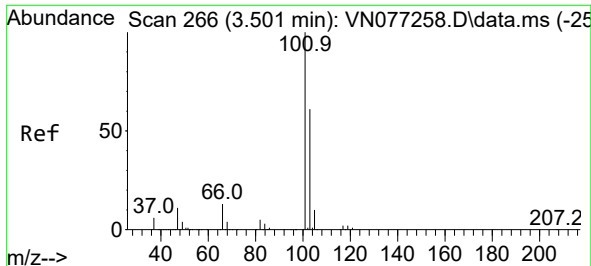
Reviewed By :John Carlone 04/21/2023
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#6
Chloroethane
Concen: 13.913 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077392.D
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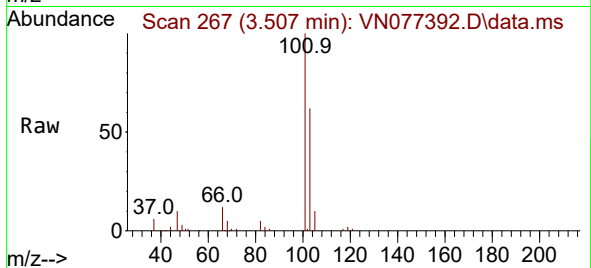
Tgt Ion: 64 Resp: 119005
Ion Ratio Lower Upper
64 100
66 29.9 26.9 40.3





#7
Trichlorofluoromethane
Concen: 21.106 ug/l
RT: 3.507 min Scan# 266
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

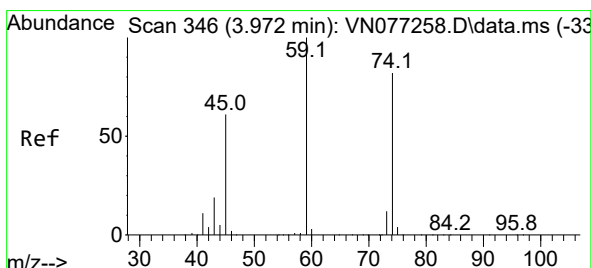
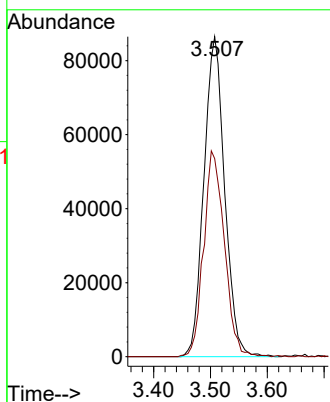
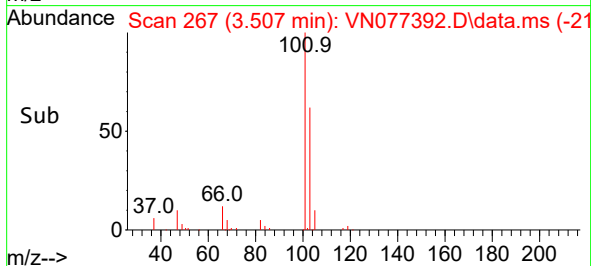
Instrument :
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VN0420WBS01



Tgt Ion:101 Resp: 21934
Ion Ratio Lower Upper
101 100
103 61.9 49.0 73.4

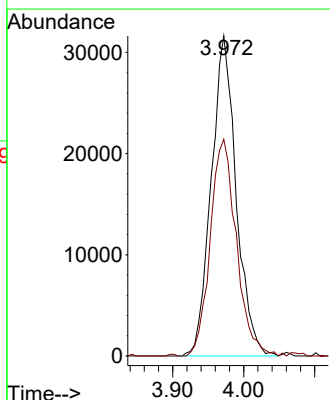
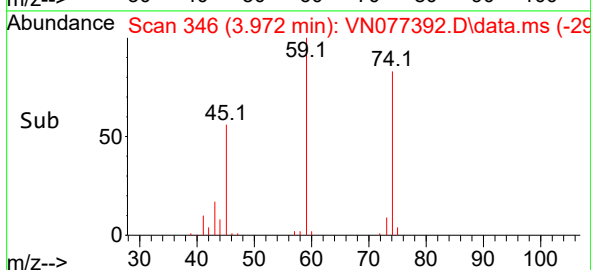
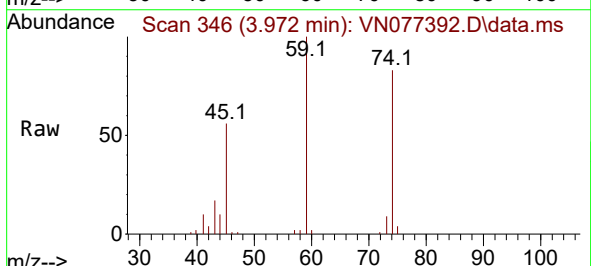
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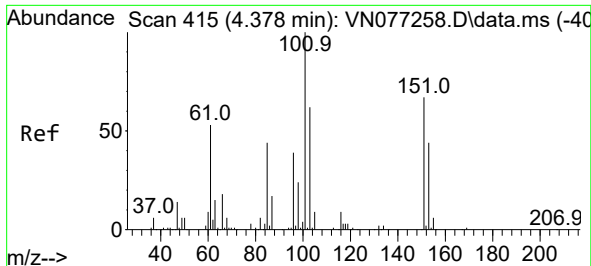
Reviewed By :John Carlone 04/21/2023
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#8
Diethyl Ether
Concen: 17.706 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077392.D
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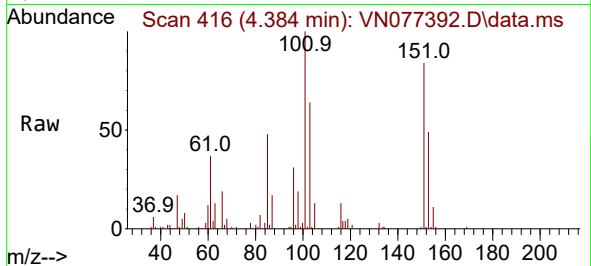
Tgt Ion: 74 Resp: 77111
Ion Ratio Lower Upper
74 100
45 70.7 37.8 113.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.149 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

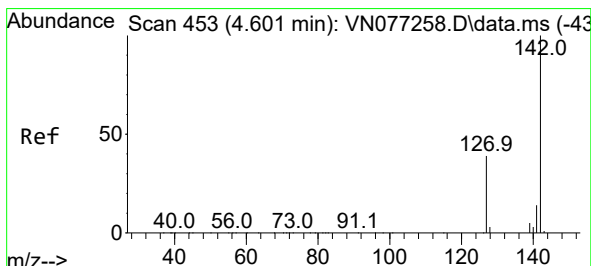
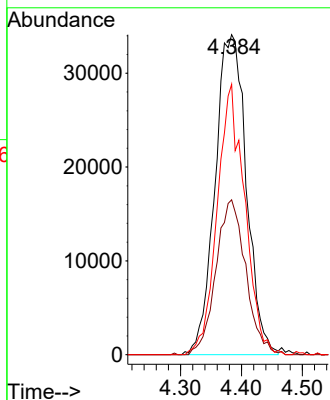
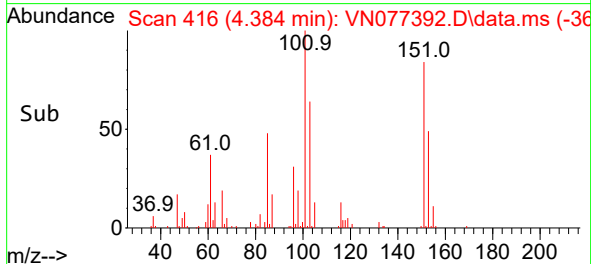
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



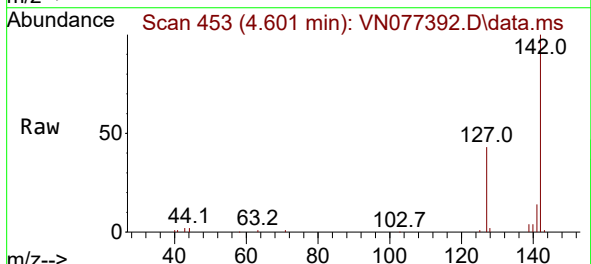
Tgt Ion:101 Resp: 121790
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 74.5 56.3 84.5

Manual Integrations
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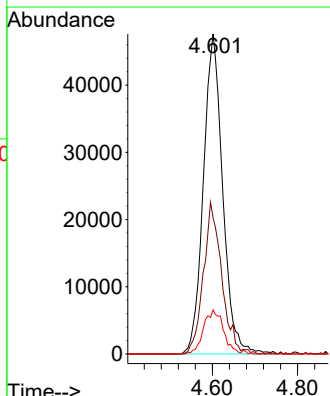
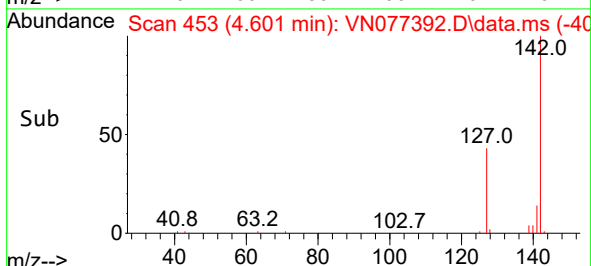
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

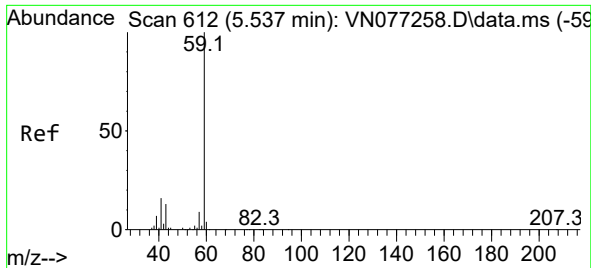


#10
Methyl Iodide
Concen: 19.395 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



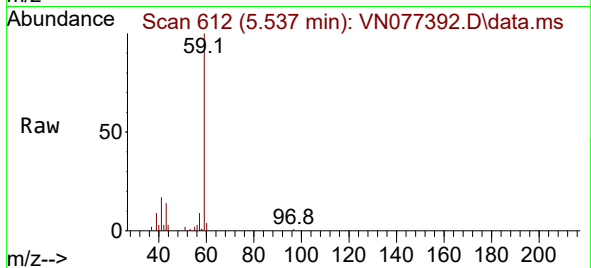
Tgt Ion:142 Resp: 150026
Ion Ratio Lower Upper
142 100
127 42.6 31.5 47.3
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 67.487 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

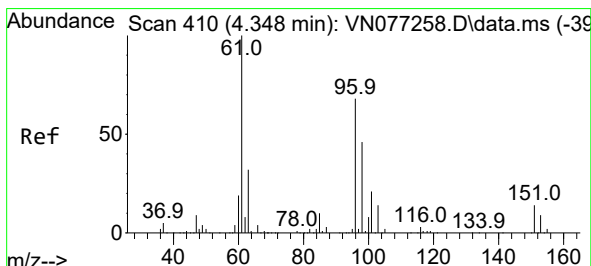
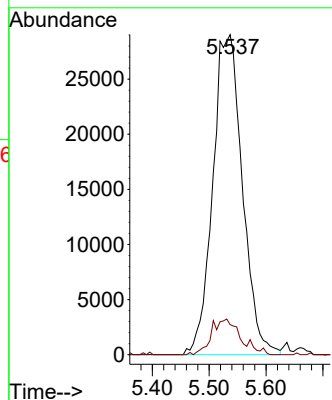
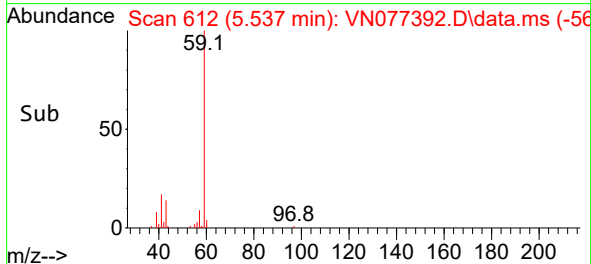
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



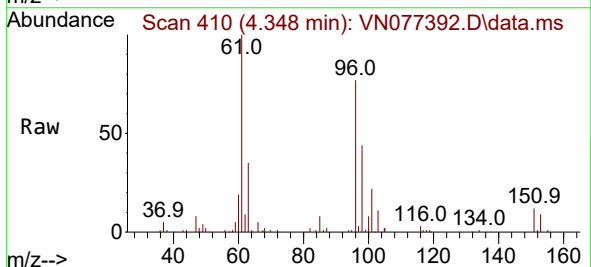
Tgt Ion: 59 Resp: 105190
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
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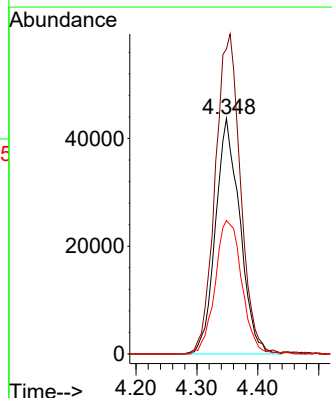
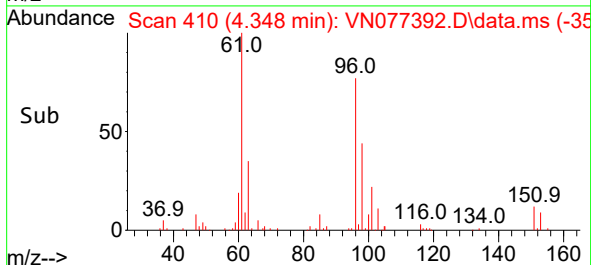
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

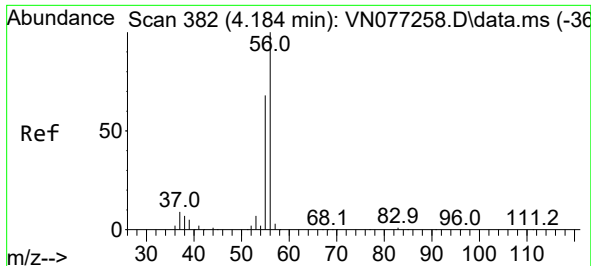


#12
1,1-Dichloroethene
Concen: 18.583 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



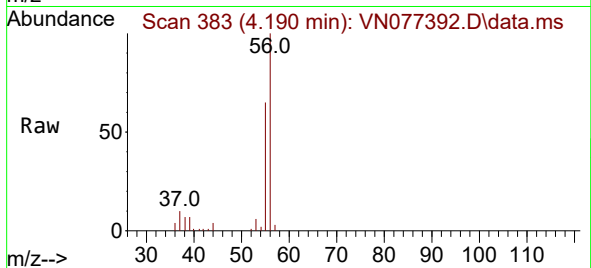
Tgt Ion: 96 Resp: 121668
Ion Ratio Lower Upper
96 100
61 129.5 118.3 177.5
98 56.7 54.5 81.7





#13
Acrolein
Concen: 74.822 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

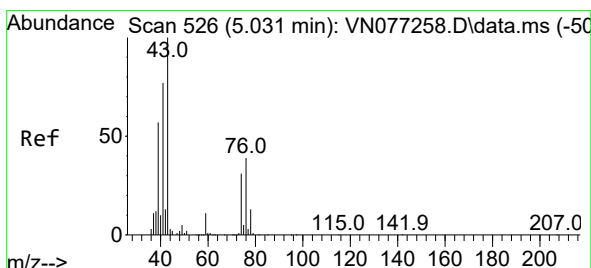
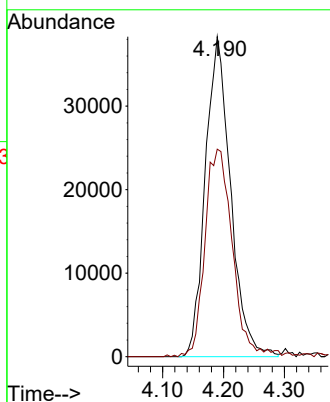
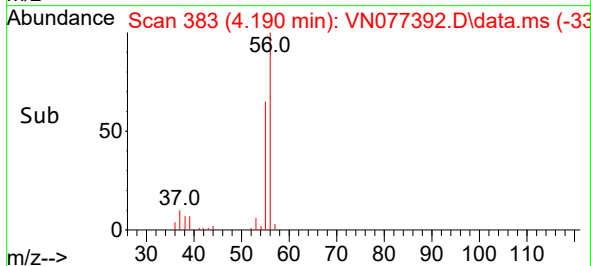
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



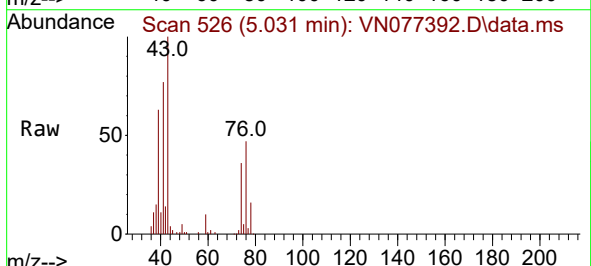
Tgt Ion: 56 Resp: 11045
Ion Ratio Lower Upper
56 100
55 70.3 54.2 81.2

Manual Integrations
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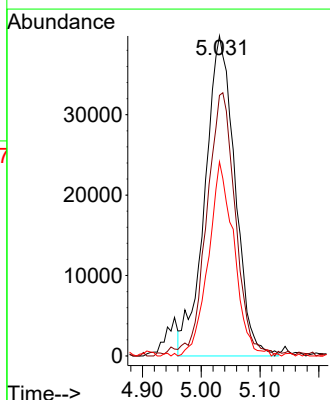
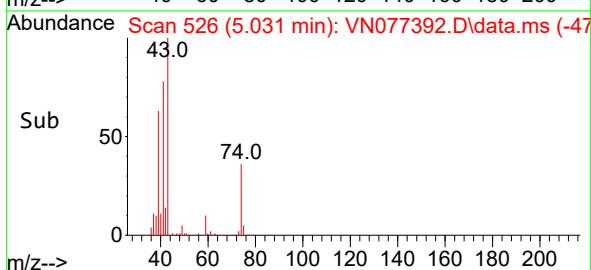
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

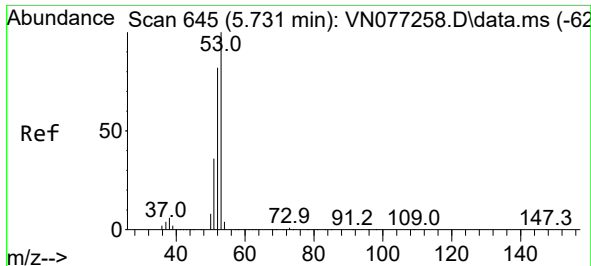


#14
Allyl chloride
Concen: 14.277 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



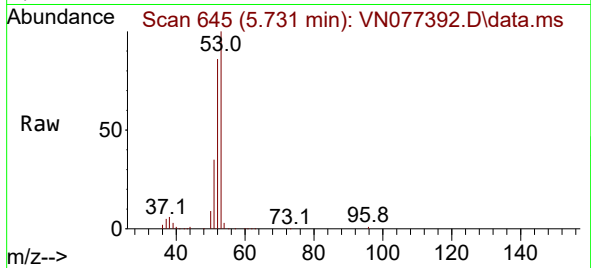
Tgt Ion: 41 Resp: 141172
Ion Ratio Lower Upper
41 100
39 78.7 55.0 82.4
76 51.8 35.4 53.2





#15
Acrylonitrile
Concen: 76.944 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

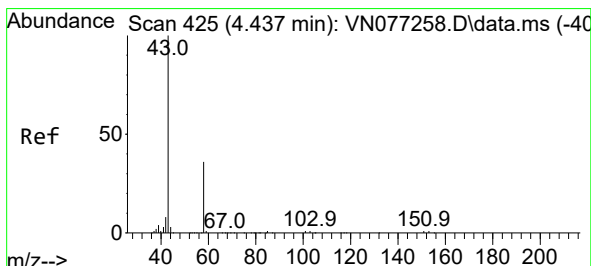
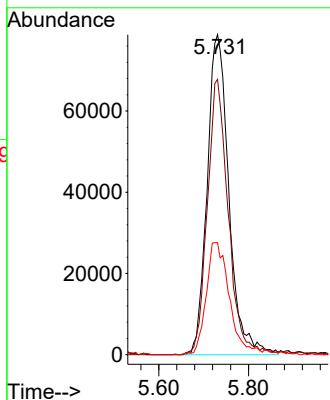
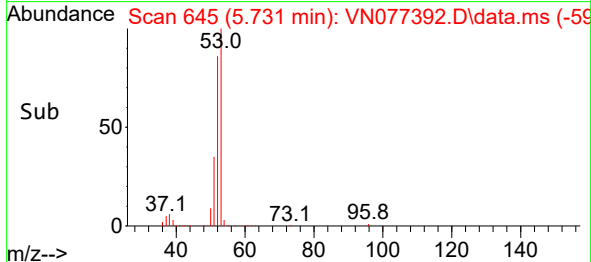
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



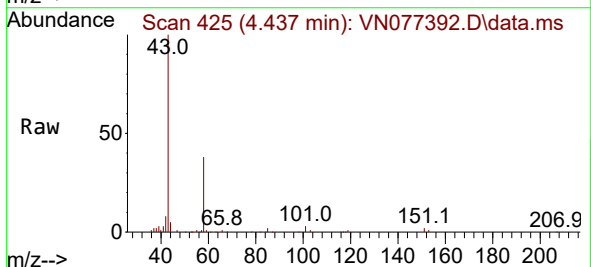
Tgt Ion: 53 Resp: 26513
Ion Ratio Lower Upper
53 100
52 82.9 65.2 97.8
51 37.2 28.1 42.1

Manual Integrations
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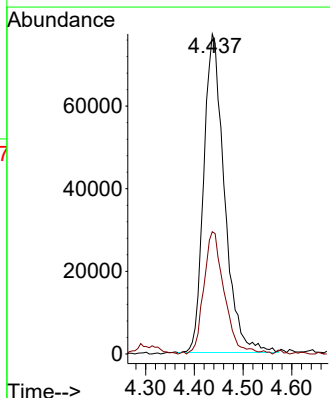
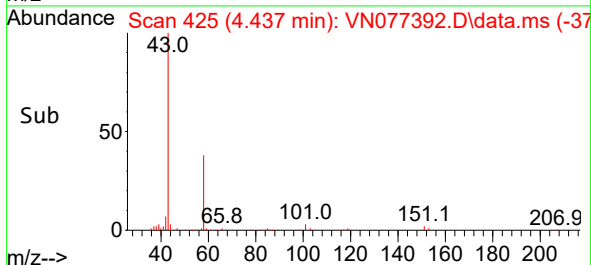
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

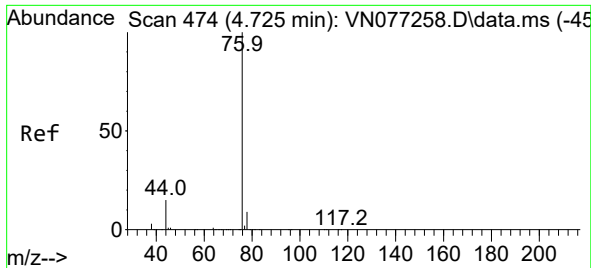


#16
Acetone
Concen: 80.663 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



Tgt Ion: 43 Resp: 227178
Ion Ratio Lower Upper
43 100
58 38.4 29.0 43.6





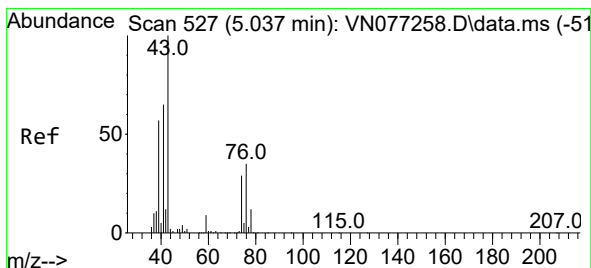
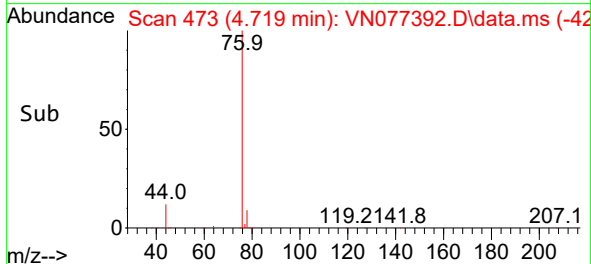
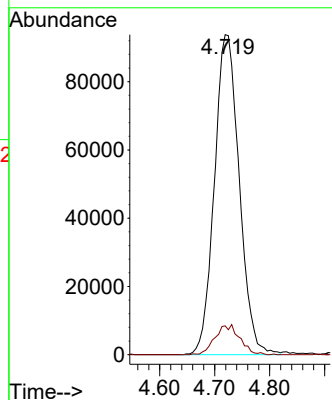
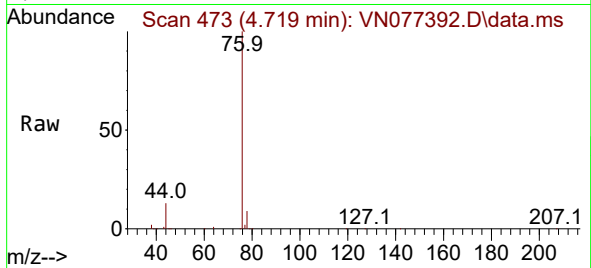
#17
Carbon Disulfide
Concen: 16.673 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01

Tgt Ion: 76 Resp: 294350
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

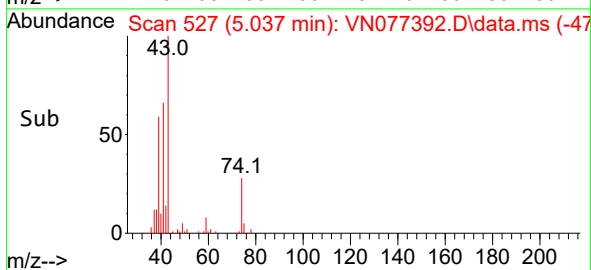
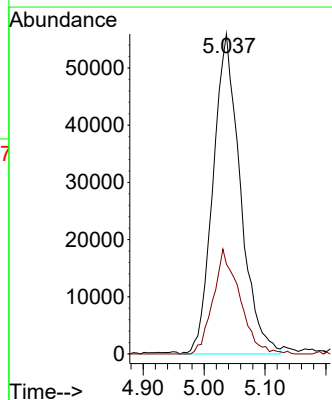
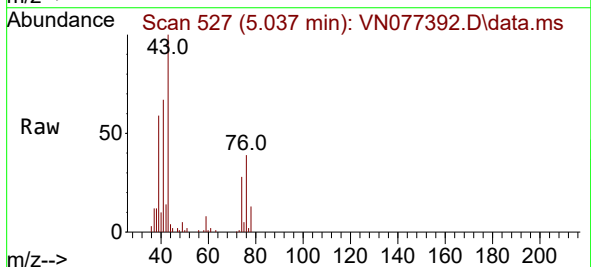
Manual Integrations
APPROVED

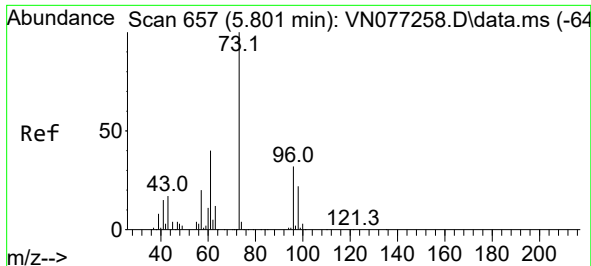
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 16.224 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion: 43 Resp: 174024
Ion Ratio Lower Upper
43 100
74 32.1 23.4 35.2





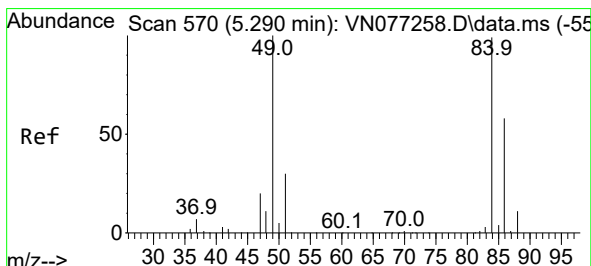
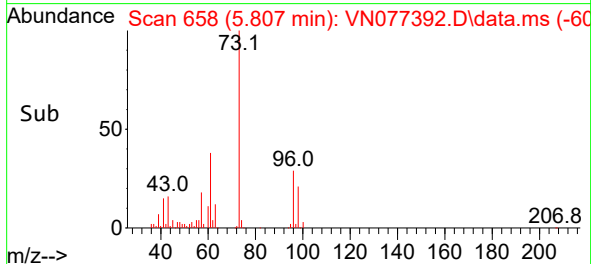
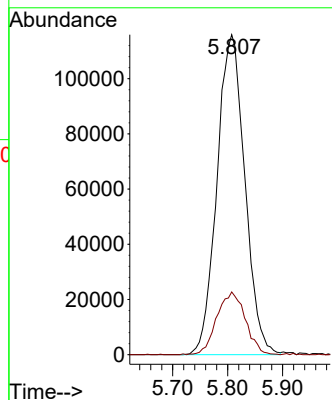
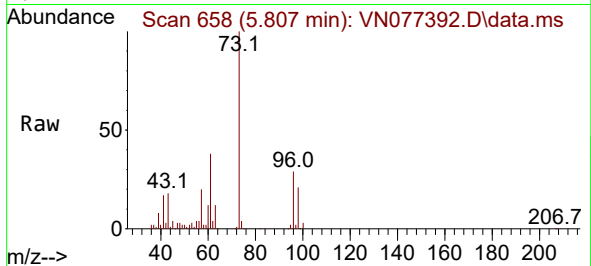
#19
Methyl tert-butyl Ether
Concen: 17.579 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01

Tgt Ion: 73 Resp: 40836
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4

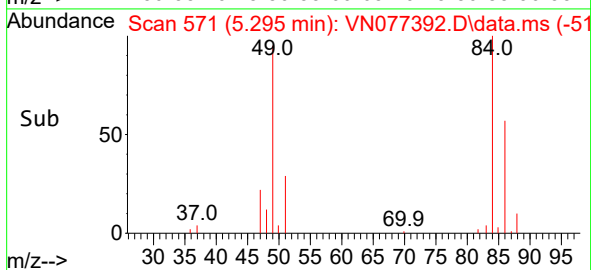
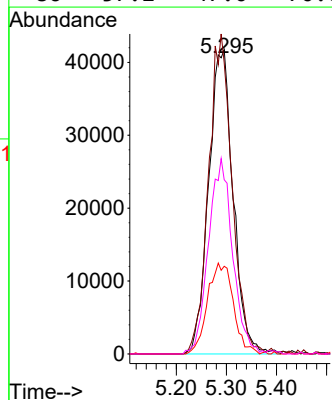
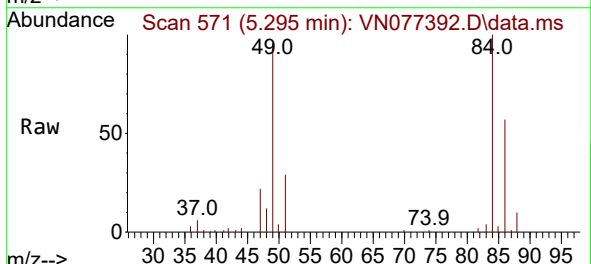
Manual Integrations
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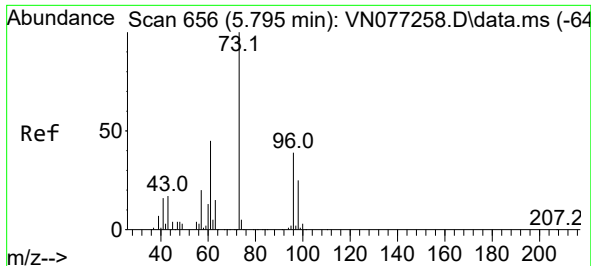
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 17.827 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

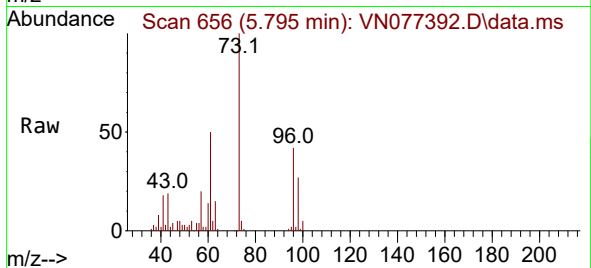
Tgt Ion: 84 Resp: 141797
Ion Ratio Lower Upper
84 100
49 95.7 80.6 121.0
51 28.8 24.4 36.6
86 57.2 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 18.199 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

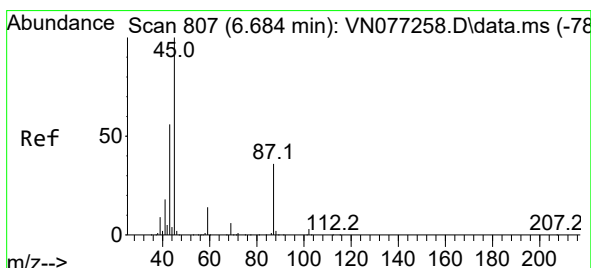
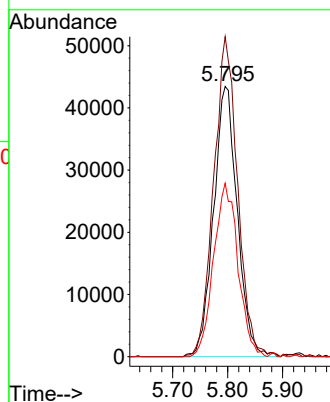
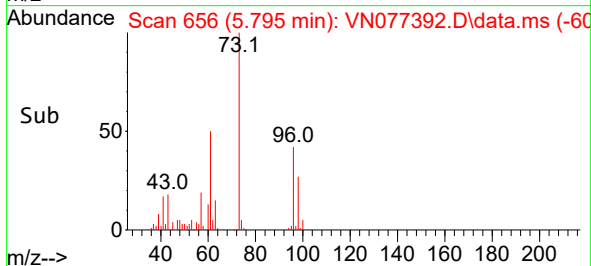
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 96 Resp: 130459
Ion Ratio Lower Upper
96 100
61 118.4 93.8 140.6
98 64.1 50.9 76.3

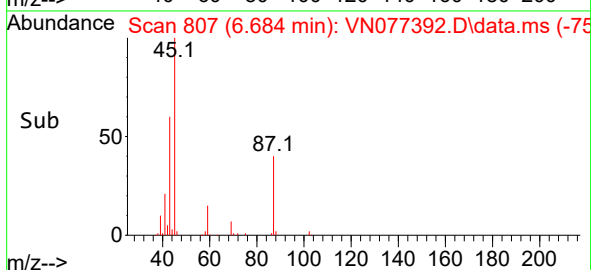
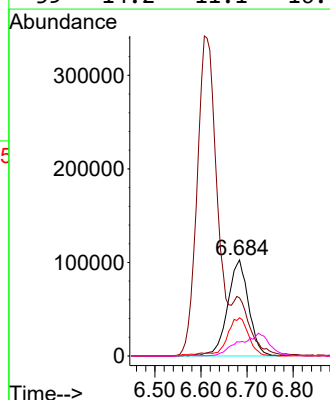
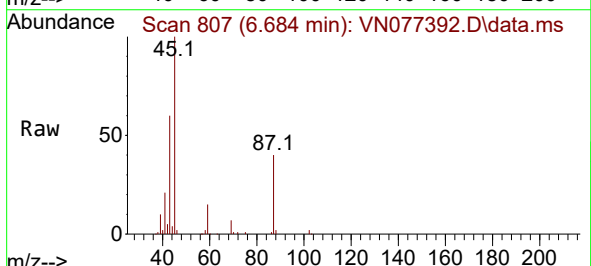
Manual Integrations
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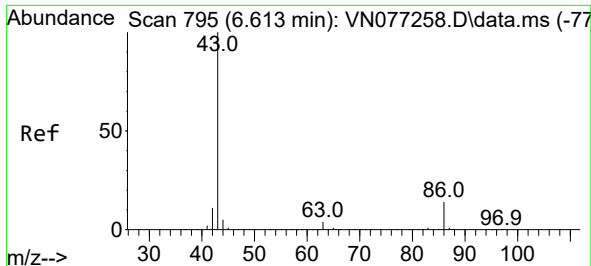
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 16.390 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion: 45 Resp: 324932
Ion Ratio Lower Upper
45 100
43 58.6 44.6 66.8
87 39.8 28.4 42.6
59 14.2 11.1 16.7





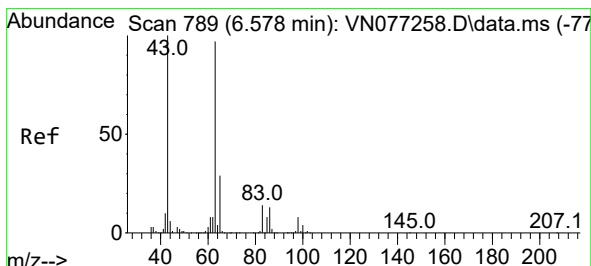
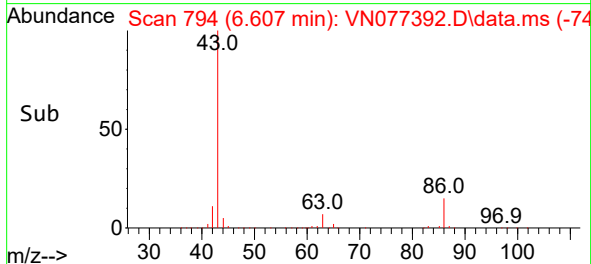
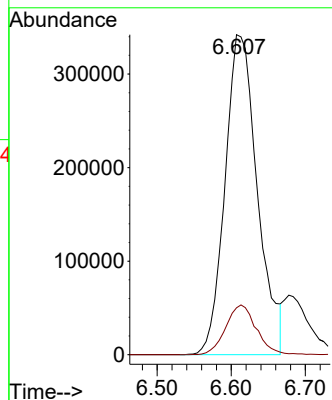
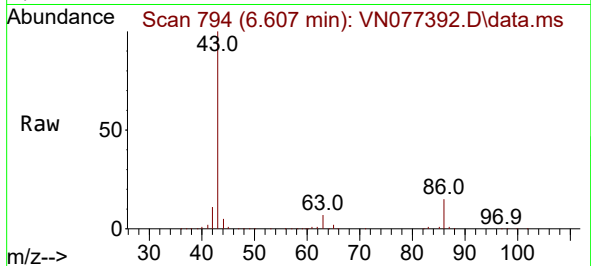
#23
 Vinyl Acetate
 Concen: 77.569 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01

Tgt Ion: 43 Resp: 103975
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.2 16.8

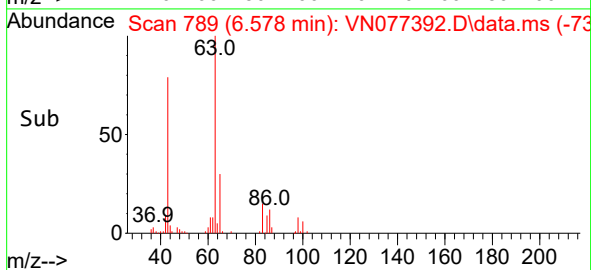
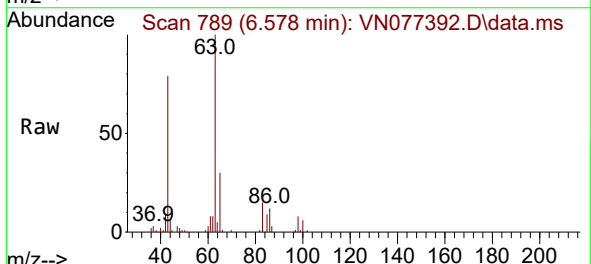
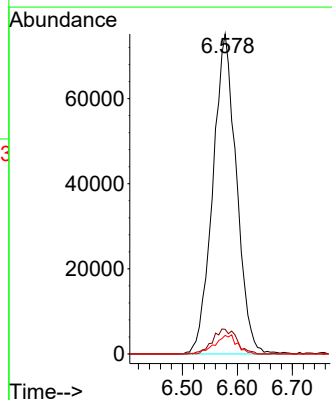
Manual Integrations
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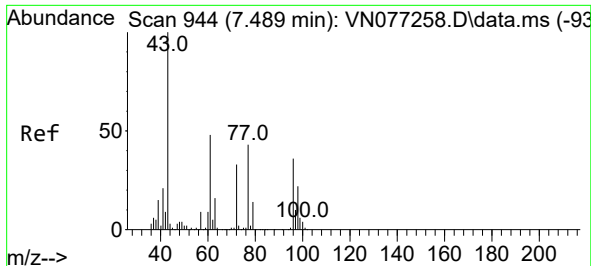
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 17.528 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

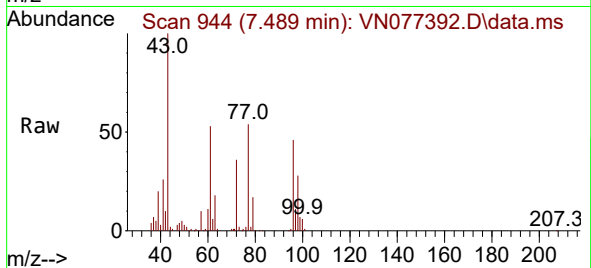
Tgt Ion: 63 Resp: 224384
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.0
 100 5.8 2.3 6.9





#25
2-Butanone
Concen: 73.112 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

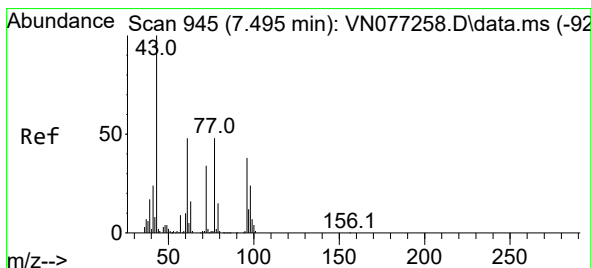
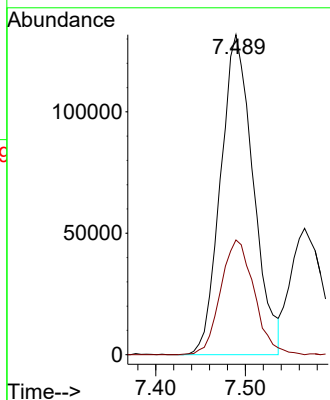
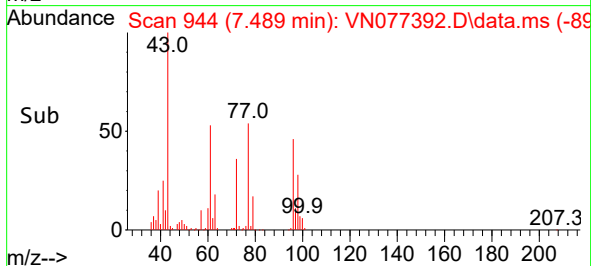
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



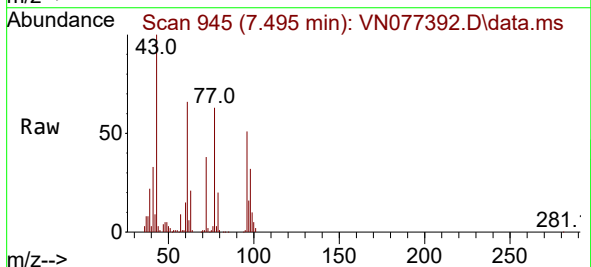
Tgt Ion: 43 Resp: 33419
Ion Ratio Lower Upper
43 100
72 35.9 26.6 39.8

Manual Integrations
APPROVED

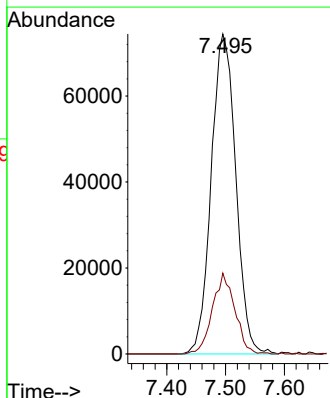
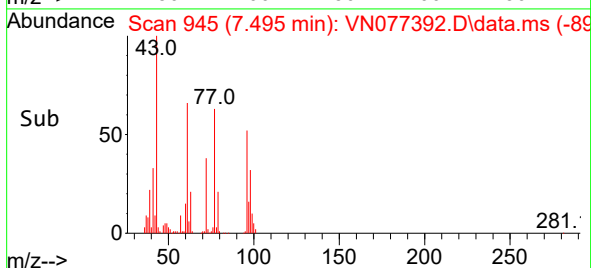
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

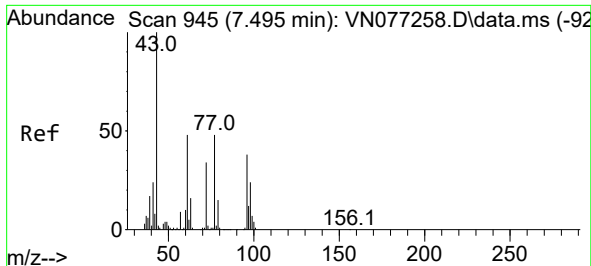


#26
2,2-Dichloropropane
Concen: 18.379 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



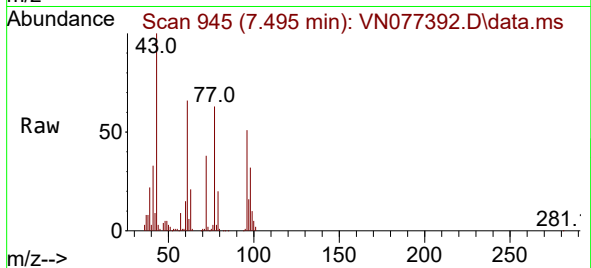
Tgt Ion: 77 Resp: 215743
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.445 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

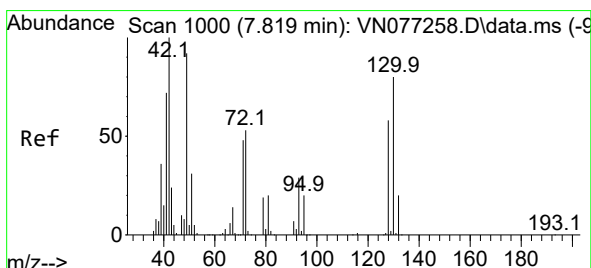
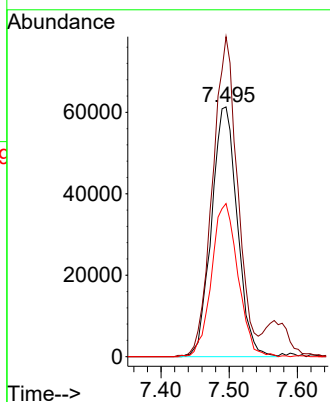
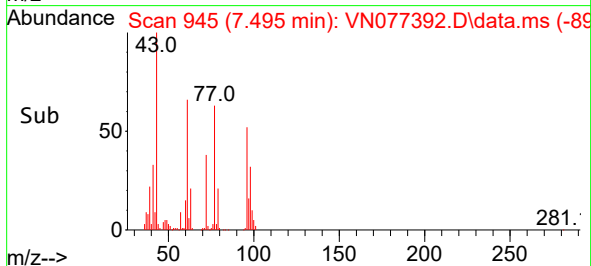
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01



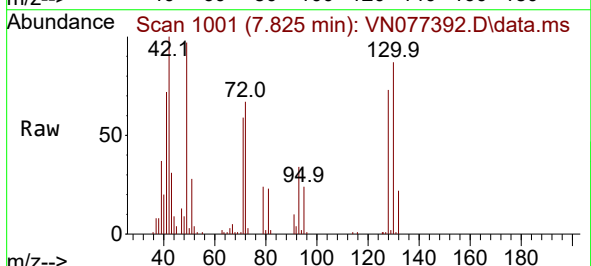
Tgt Ion: 96 Resp: 161469
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 261.0
 98 62.9 0.0 128.0

Manual Integrations
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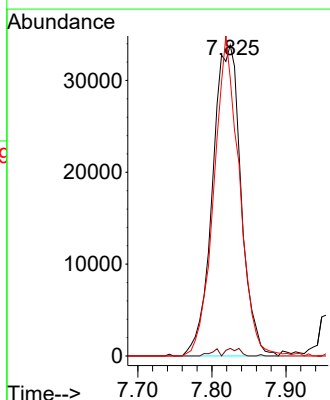
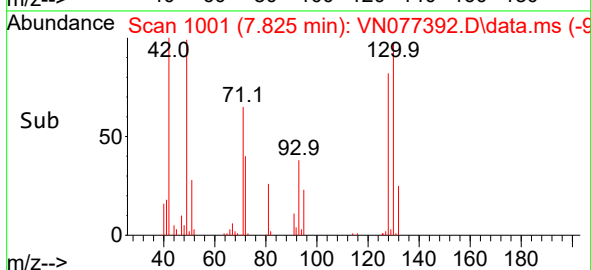
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

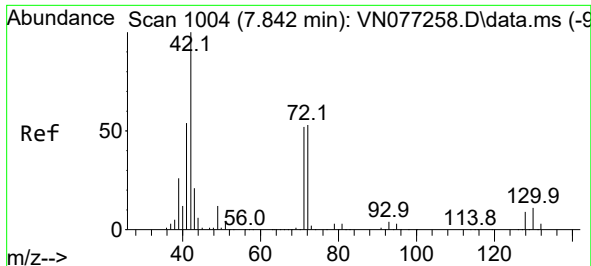


#28
 Bromochloromethane
 Concen: 17.551 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44



Tgt Ion: 49 Resp: 90380
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.4
 130 92.2 68.4 102.6





#29

Tetrahydrofuran

Concen: 70.566 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077392.D

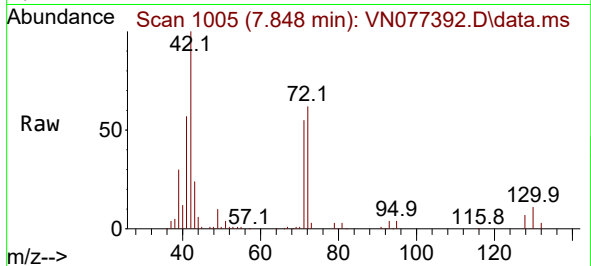
Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01



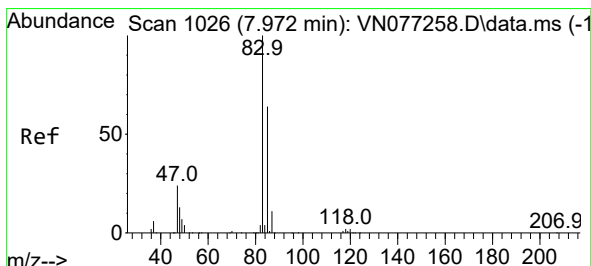
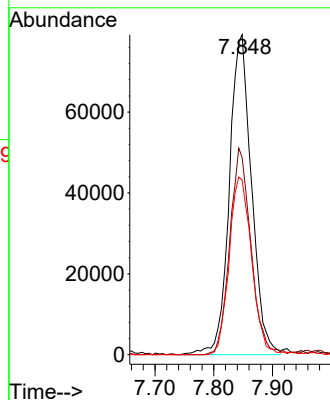
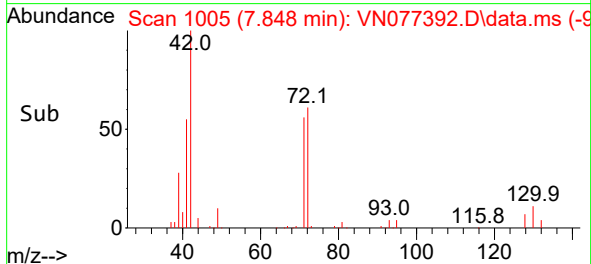
Tgt Ion:	42	Resp:	20734
Ion	Ratio	Lower	Upper
42	100		
72	61.6	44.6	66.8
71	56.0	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 18.493 ug/l

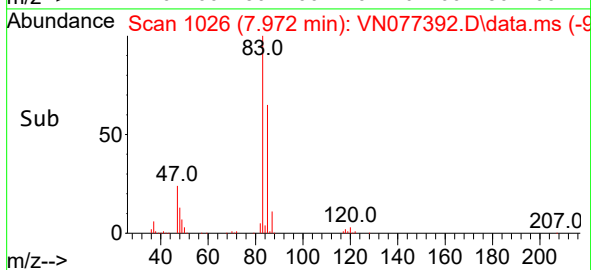
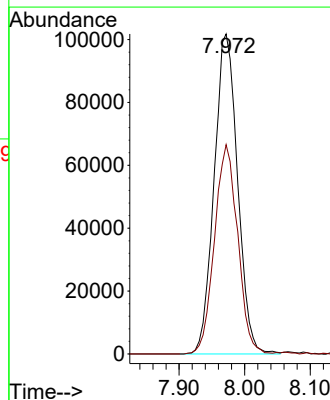
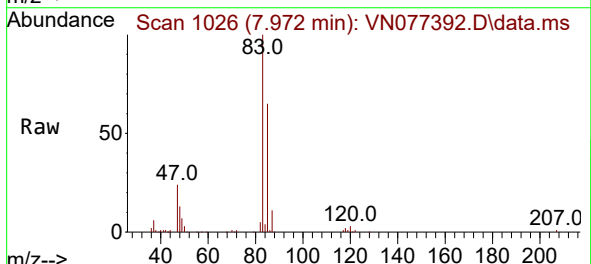
RT: 7.972 min Scan# 1026

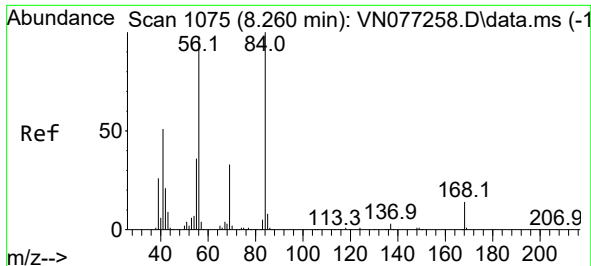
Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

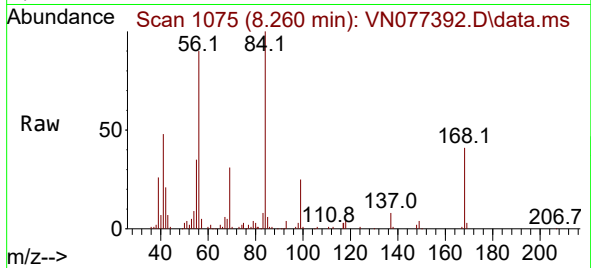
Tgt Ion:	83	Resp:	252462
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3





#31
Cyclohexane
Concen: 16.806 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

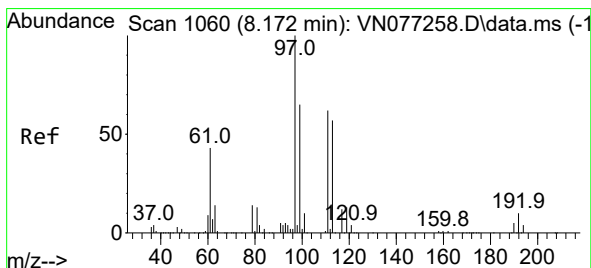
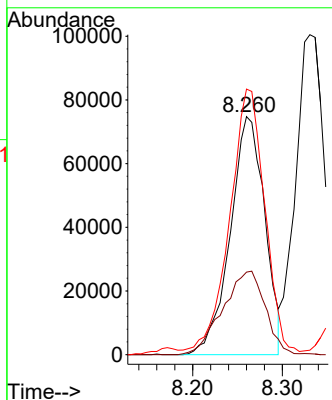
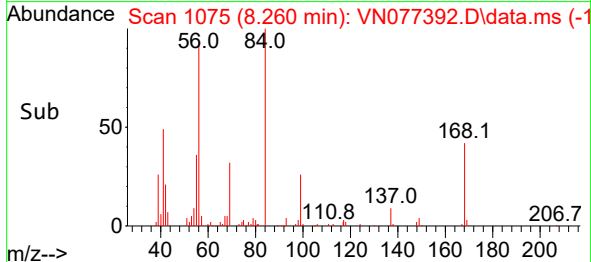
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 56 Resp: 199474
Ion Ratio Lower Upper
56 100
69 34.7 26.6 40.0
84 109.7 81.8 122.8

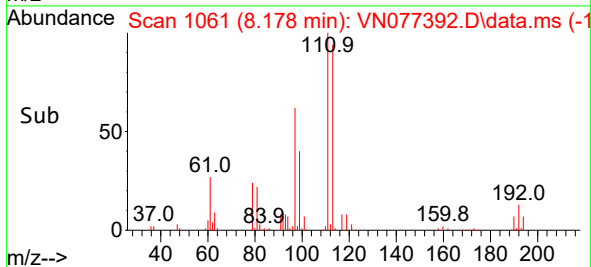
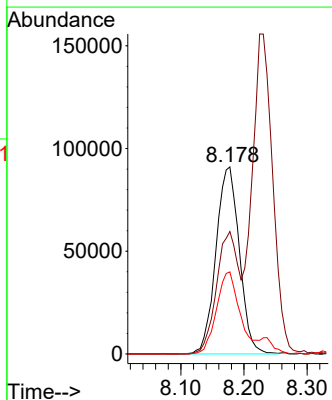
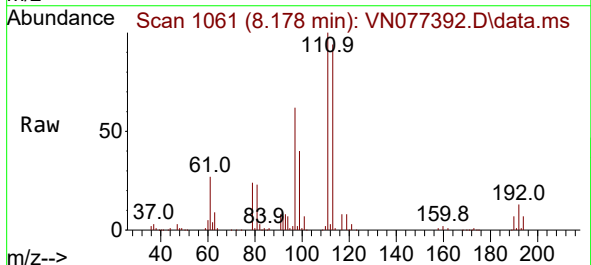
Manual Integrations
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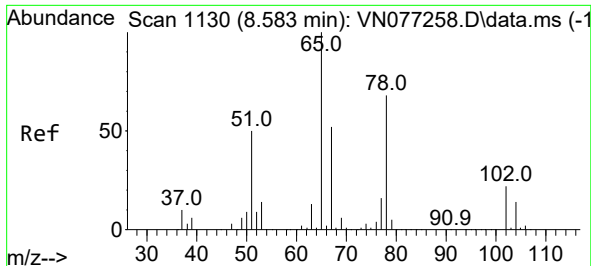
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 18.899 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion: 97 Resp: 234644
Ion Ratio Lower Upper
97 100
99 61.3 54.2 81.4
61 44.8 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 50.545 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

Tgt Ion: 65 Resp: 386092

Ion Ratio Lower Upper

65 100

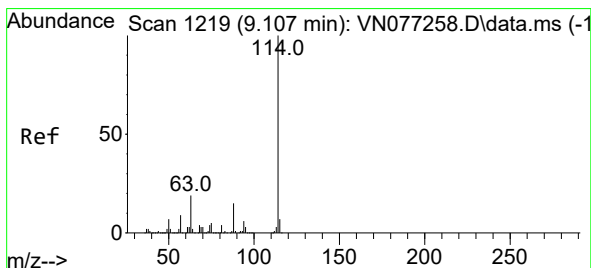
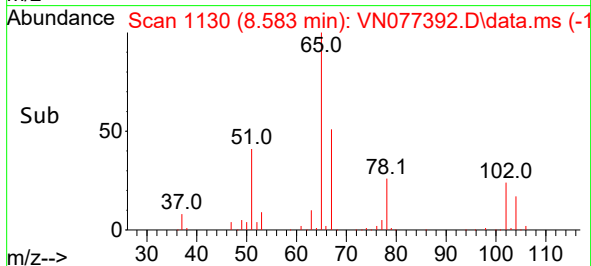
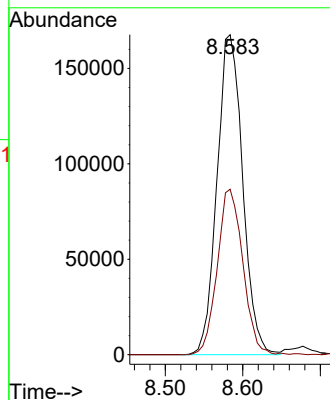
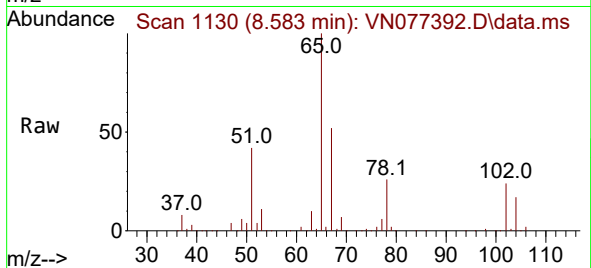
67 51.6 0.0 108.8

Manual Integrations

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Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

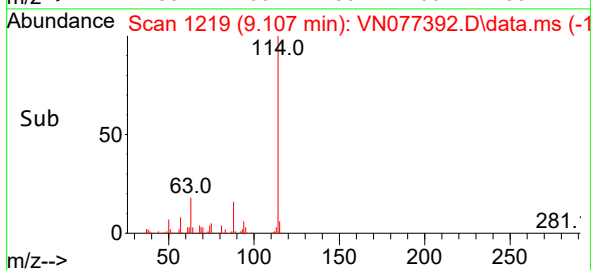
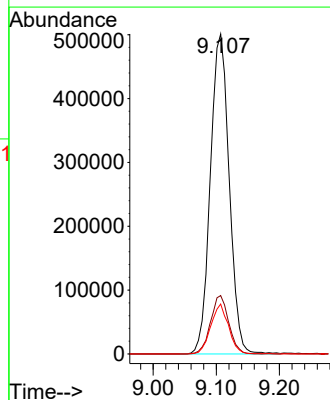
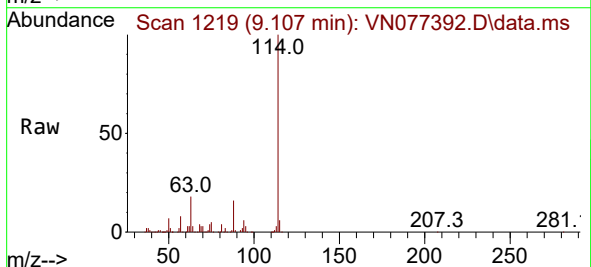
Tgt Ion:114 Resp: 1039167

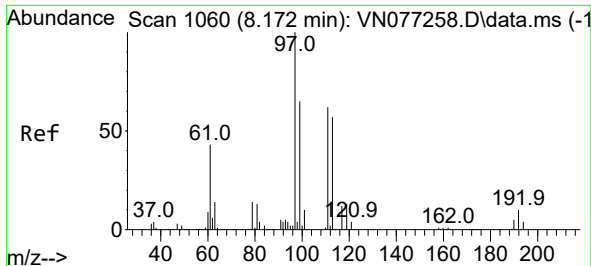
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.130 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

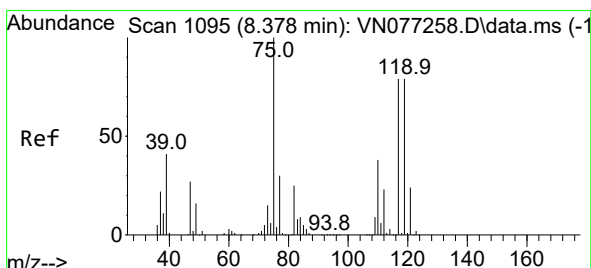
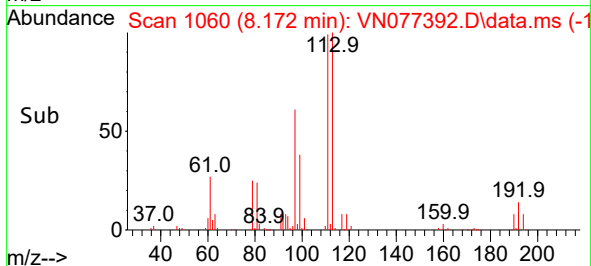
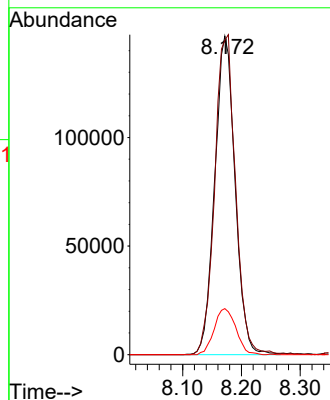
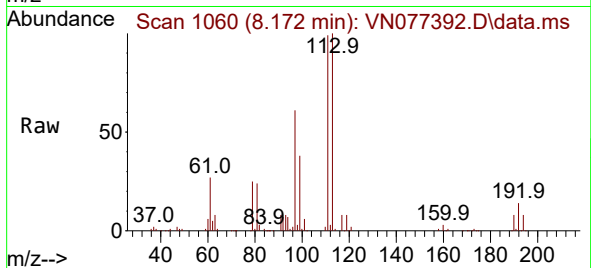
Tgt Ion:	113	Resp:	35344
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	15.4	13.5	20.3

Manual Integrations

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Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 18.825 ug/l

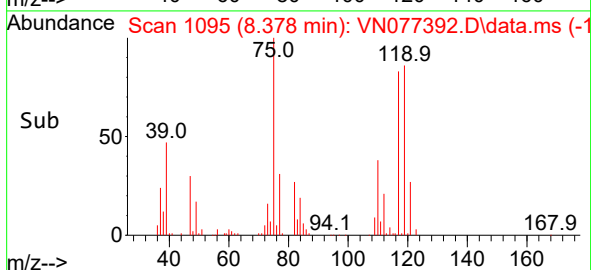
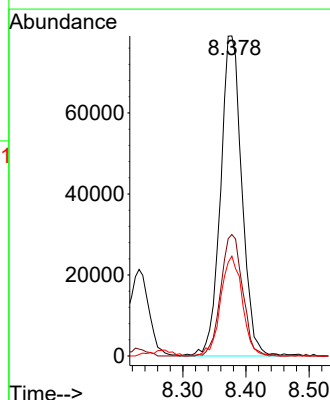
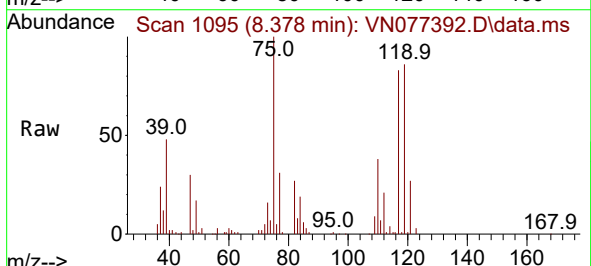
RT: 8.378 min Scan# 1095

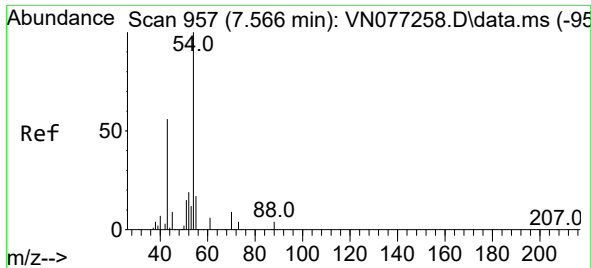
Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

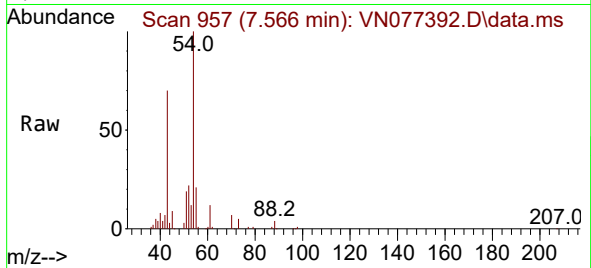
Tgt Ion:	75	Resp:	185223
Ion	Ratio	Lower	Upper
75	100		
110	38.7	17.8	53.5
77	31.8	25.0	37.4





#37
Ethyl Acetate
Concen: 15.081 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

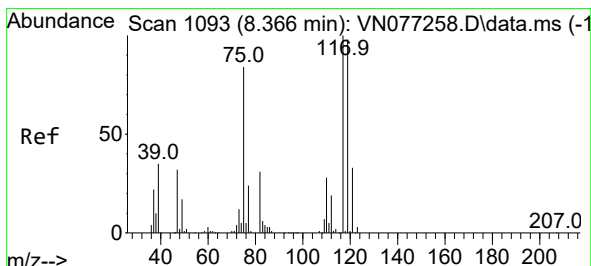
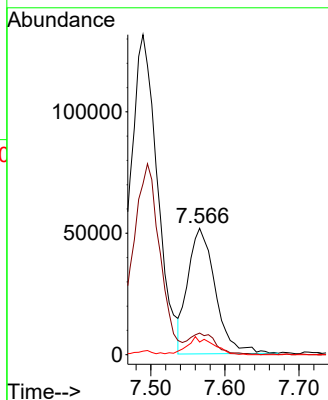
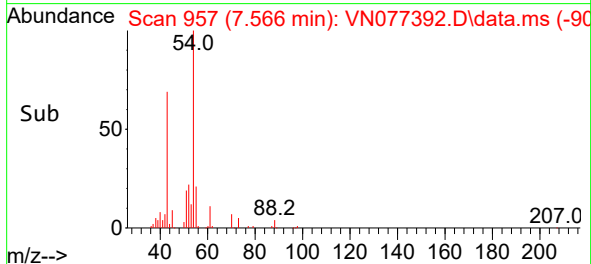
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 43 Resp: 13275
Ion Ratio Lower Upper
43 100
61 17.0 12.2 18.2
70 13.5 10.0 15.0

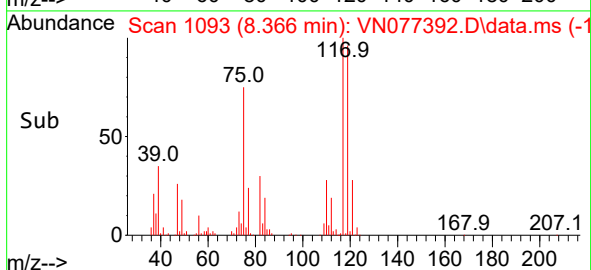
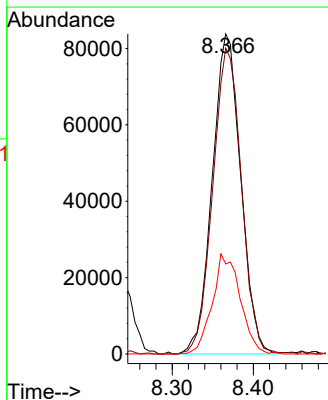
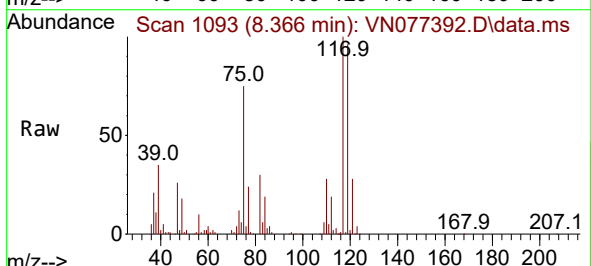
Manual Integrations
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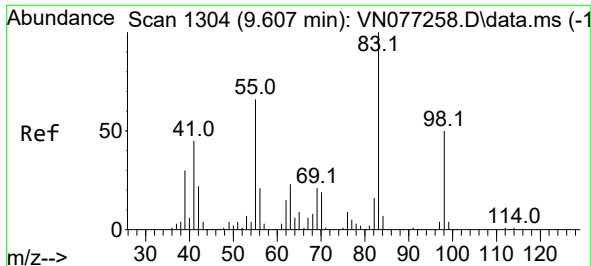
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 20.237 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion:117 Resp: 203994
Ion Ratio Lower Upper
117 100
119 95.5 78.5 117.7
121 28.2 26.6 40.0





#39

Methylcyclohexane

Concen: 18.272 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

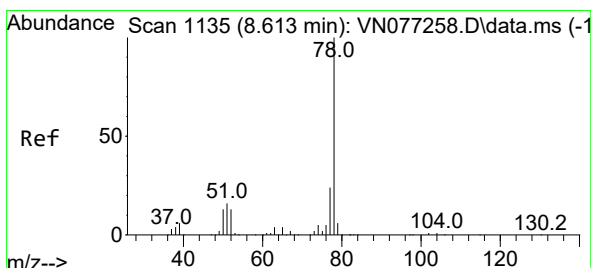
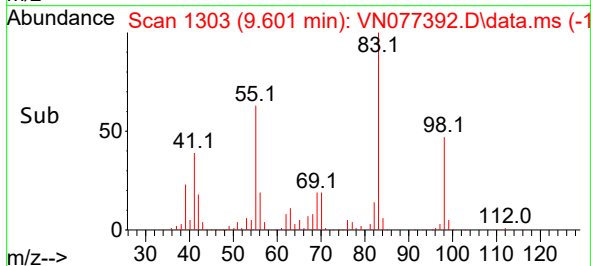
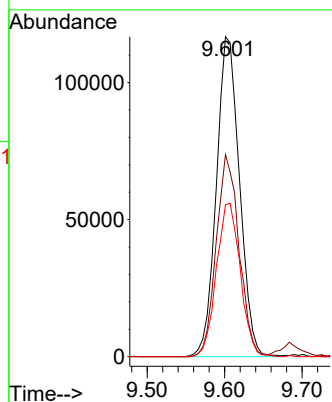
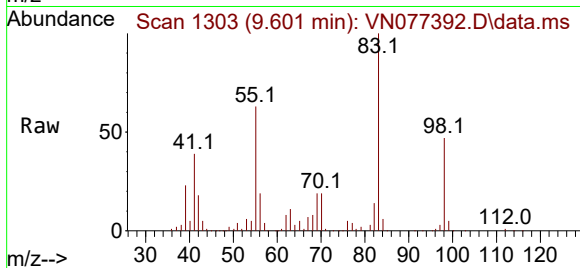
Tgt Ion: 83	Resp: 242419
Ion Ratio	Lower Upper
83 100	
55 63.2	52.4 78.6
98 47.5	39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 18.345 ug/l

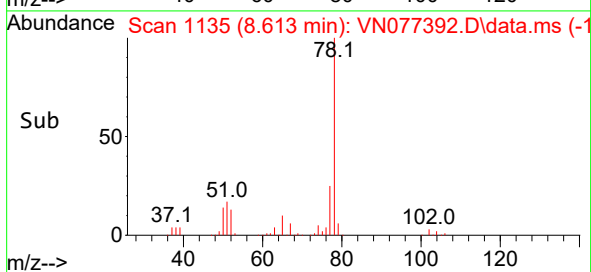
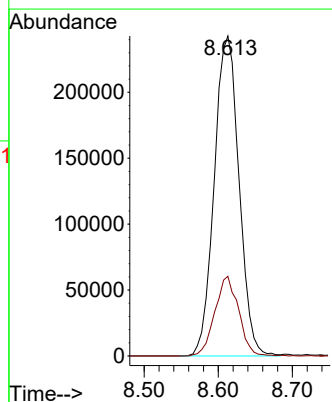
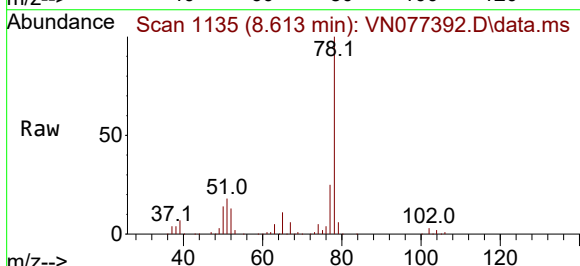
RT: 8.613 min Scan# 1135

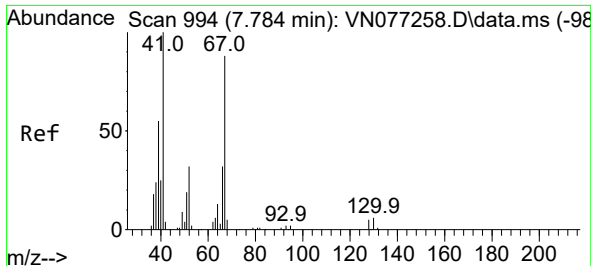
Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

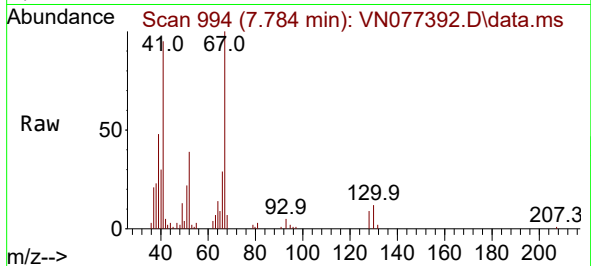
Tgt Ion: 78	Resp: 562989
Ion Ratio	Lower Upper
78 100	
77 24.9	19.5 29.3





#41
Methacrylonitrile
Concen: 14.994 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

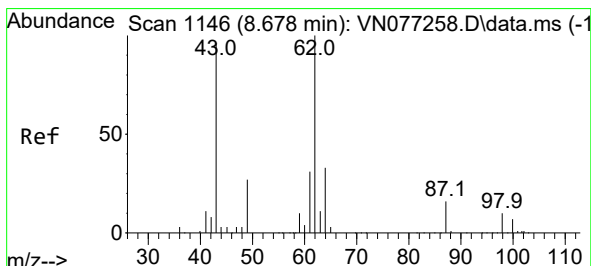
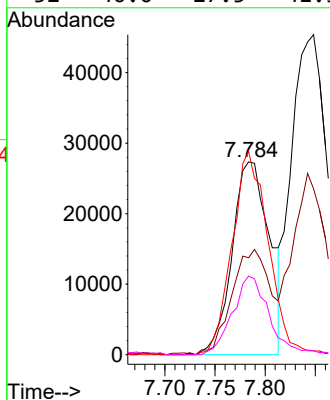
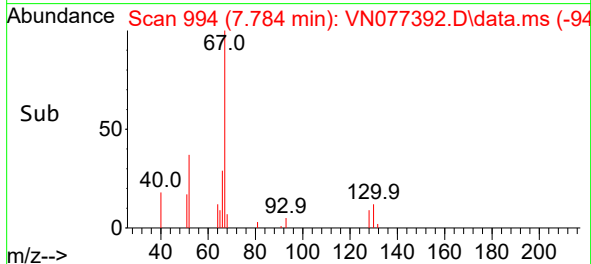
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



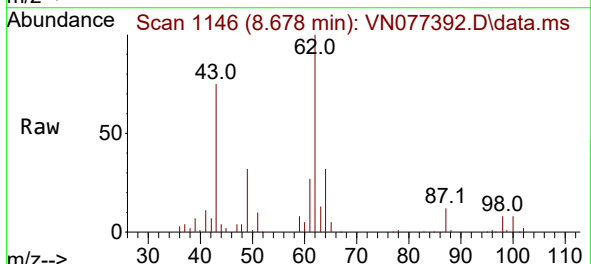
Tgt Ion: 41 Resp: 7095
Ion Ratio Lower Upper
41 100
39 56.4 44.1 66.1
67 102.1 71.4 107.2
52 40.0 27.5 41.3

Manual Integrations
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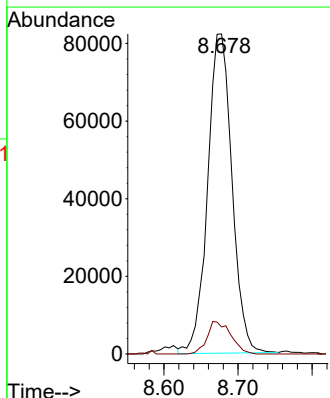
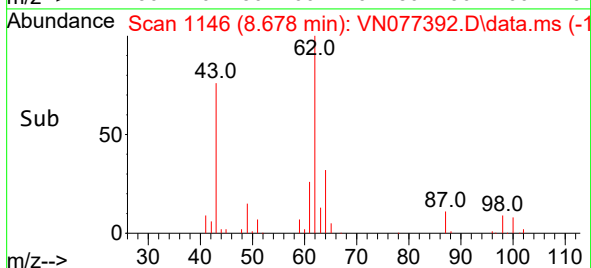
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

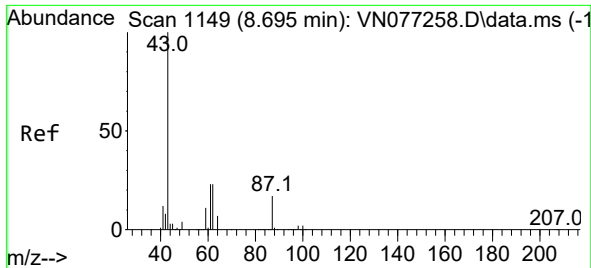


#42
1,2-Dichloroethane
Concen: 19.875 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



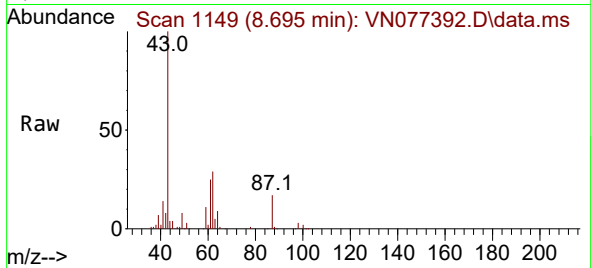
Tgt Ion: 62 Resp: 187727
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 15.351 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

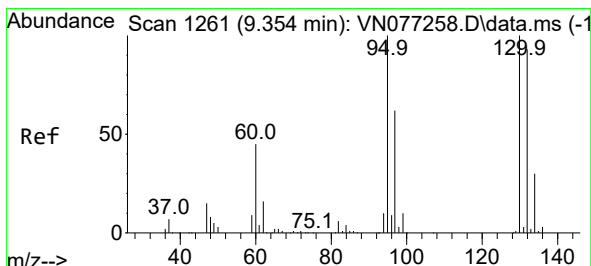
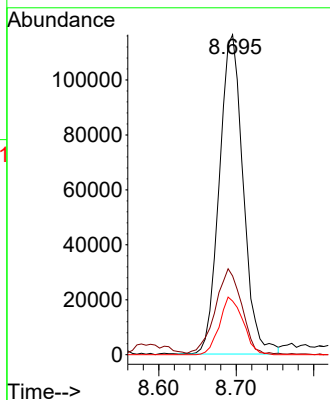
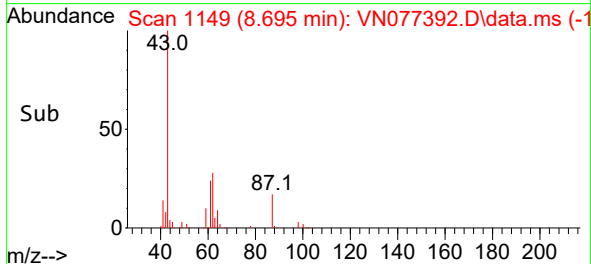
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



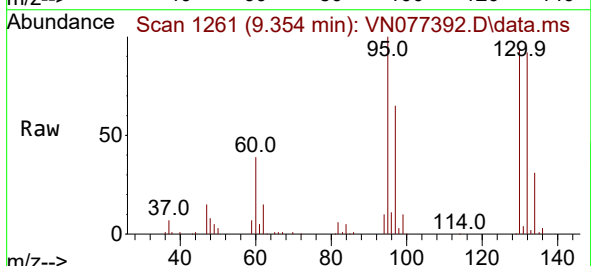
Tgt Ion: 43 Resp: 249364
Ion Ratio Lower Upper
43 100
61 29.6 22.7 34.1
87 17.7 13.6 20.4

Manual Integrations
APPROVED

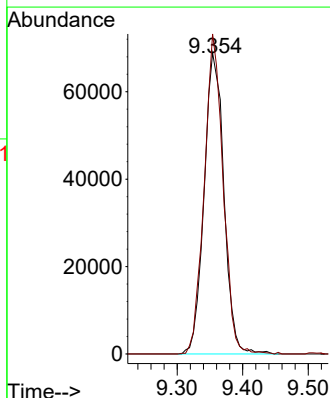
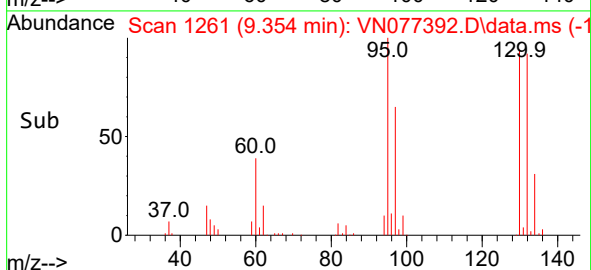
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

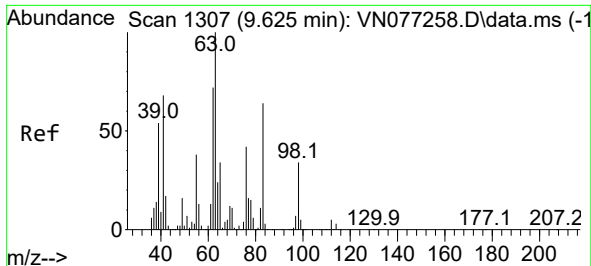


#44
Trichloroethene
Concen: 19.696 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



Tgt Ion:130 Resp: 144625
Ion Ratio Lower Upper
130 100
95 106.3 0.0 200.2





#45

1,2-Dichloropropane

Concen: 18.533 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

Tgt Ion: 63 Resp: 13507

Ion Ratio Lower Upper

63 100

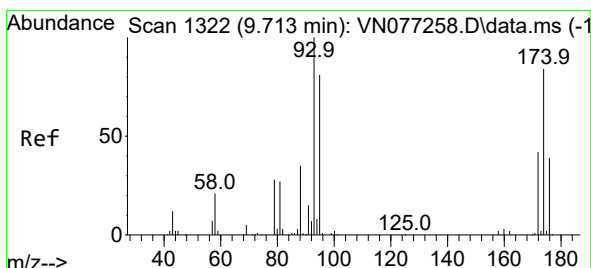
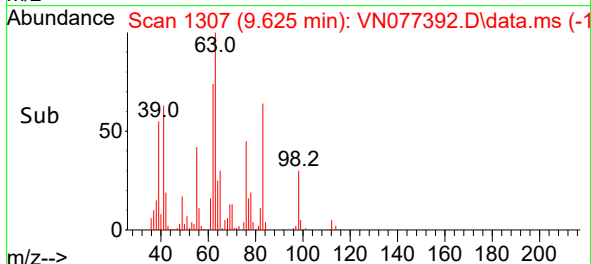
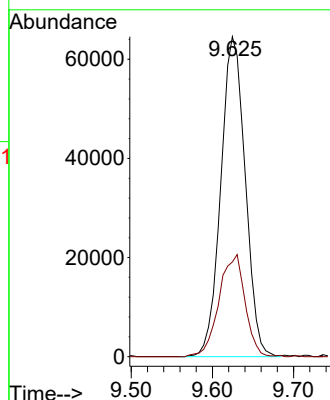
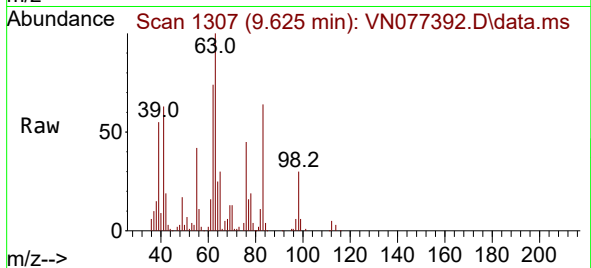
65 29.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 19.013 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

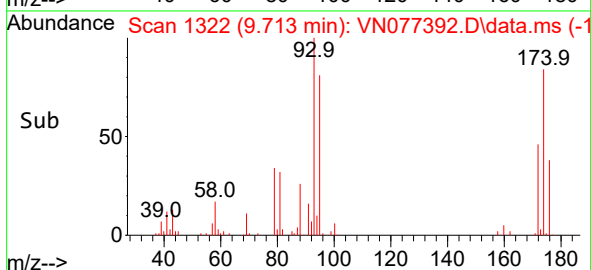
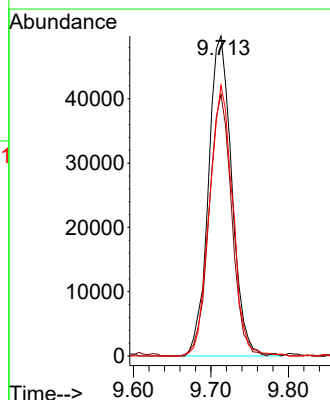
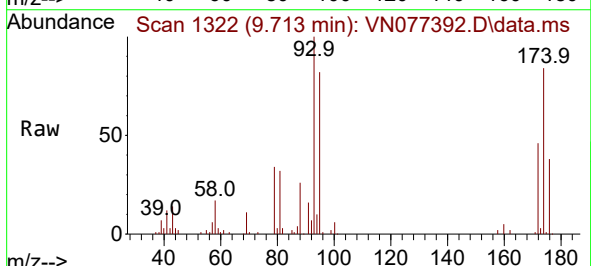
Tgt Ion: 93 Resp: 104409

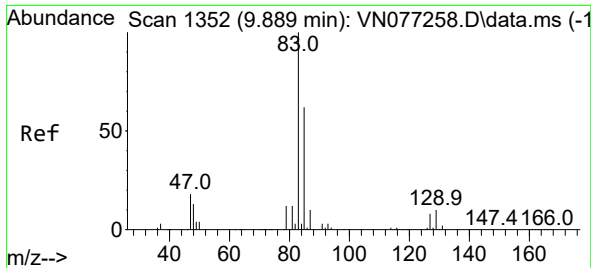
Ion Ratio Lower Upper

93 100

95 79.2 65.8 98.6

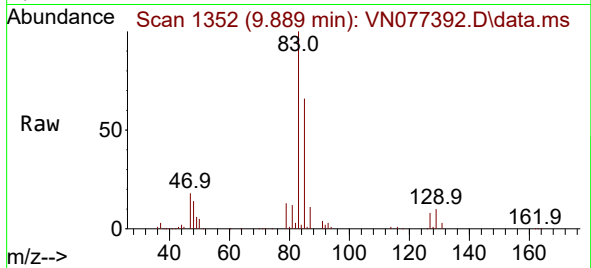
174 84.1 66.0 99.0





#47
Bromodichloromethane
Concen: 18.789 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

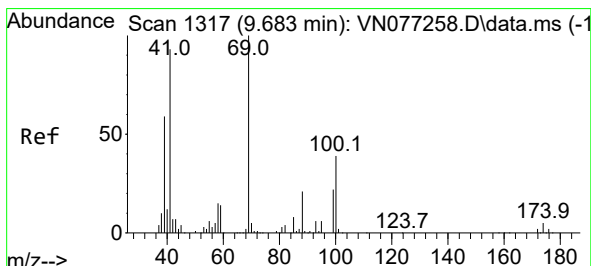
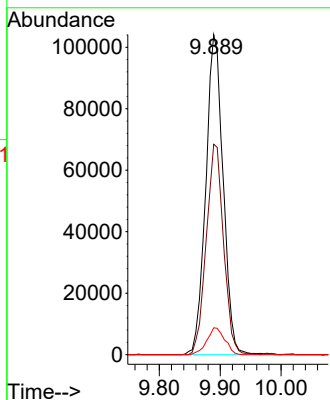
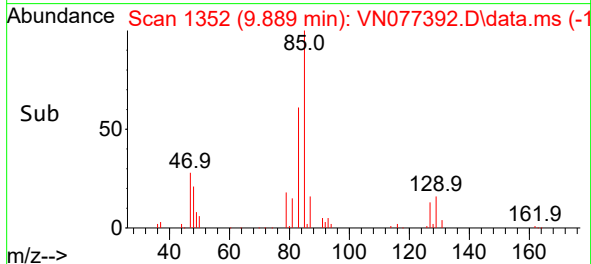
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 83 Resp: 20623
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.8
127 8.4 6.2 9.2

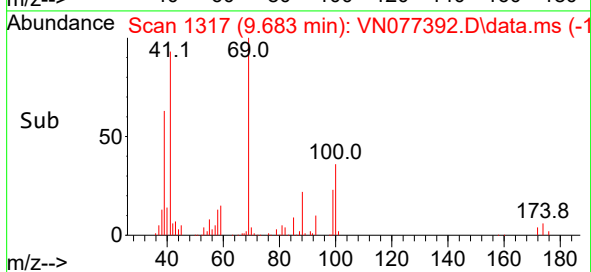
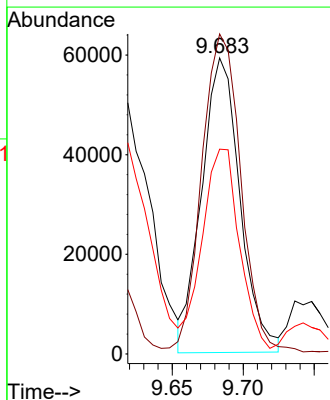
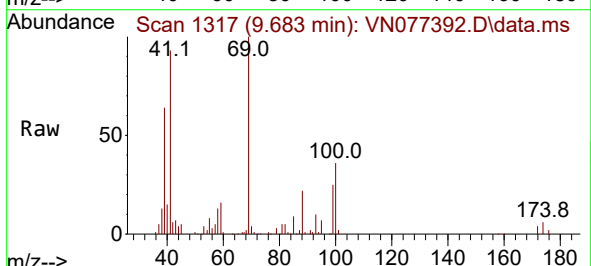
Manual Integrations
APPROVED

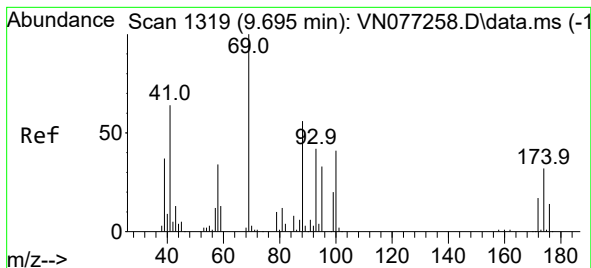
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 16.032 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

Tgt Ion: 41 Resp: 111091
Ion Ratio Lower Upper
41 100
69 110.5 85.0 127.6
39 68.9 53.5 80.3





#49

1,4-Dioxane

Concen: 310.268 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

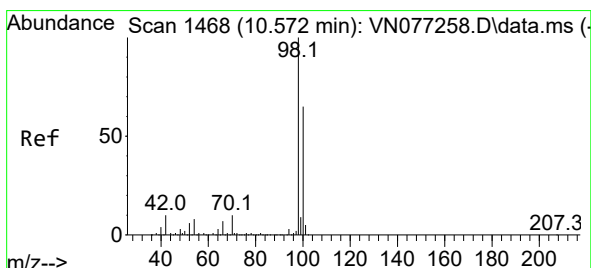
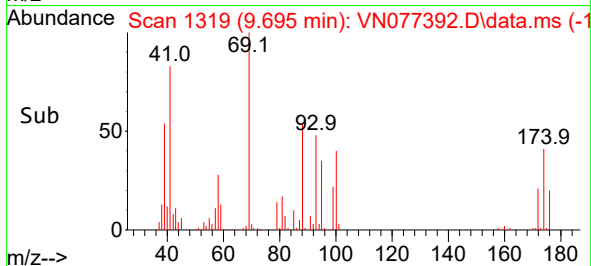
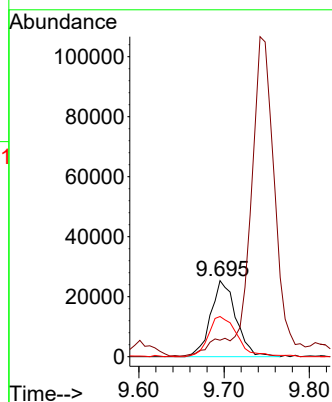
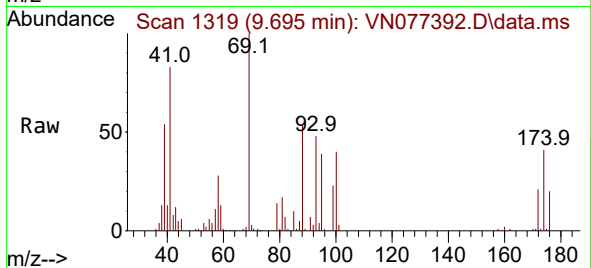
Tgt Ion: 88 Resp: 52125
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.0 25.6
 58 61.0 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#50

Toluene-d8

Concen: 49.400 ug/l

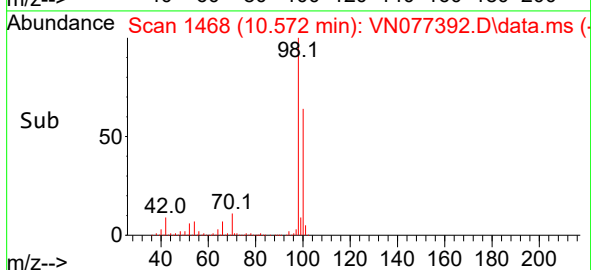
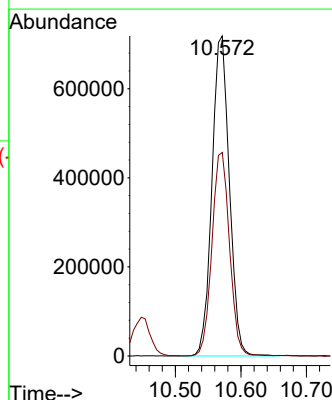
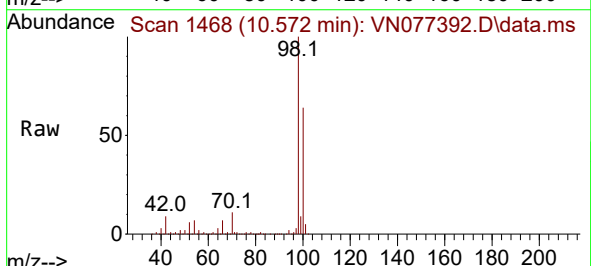
RT: 10.572 min Scan# 1468

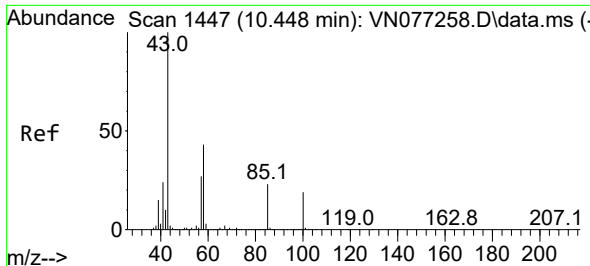
Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

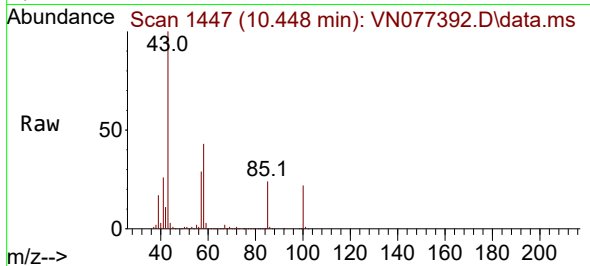
Tgt Ion: 98 Resp: 1322969
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 76.954 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

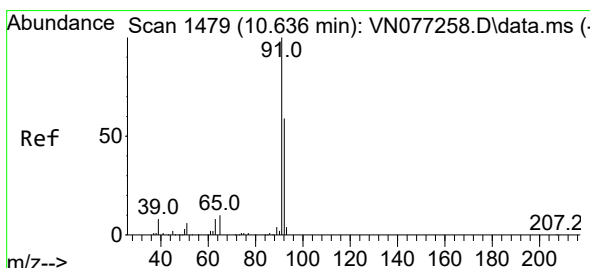
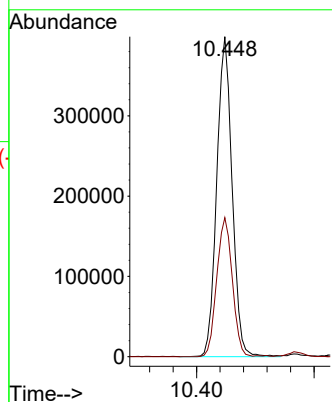
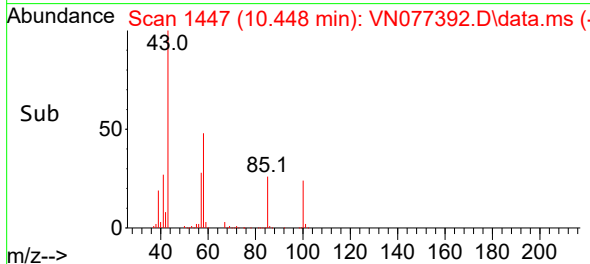
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 43 Resp: 72253
Ion Ratio Lower Upper
43 100
58 44.2 34.6 52.0

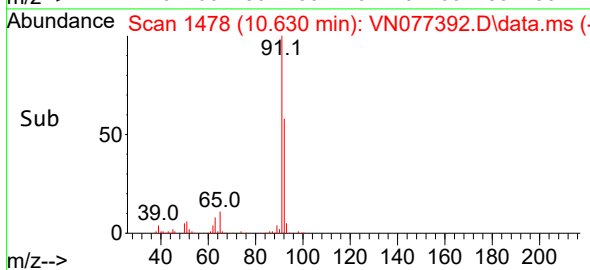
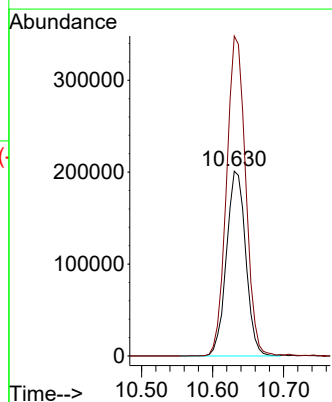
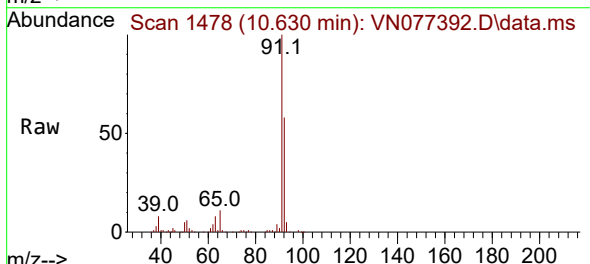
Manual Integrations
APPROVED

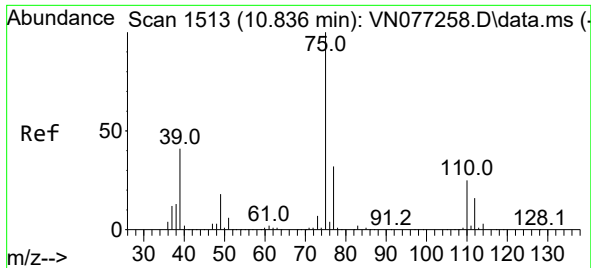
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 18.862 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

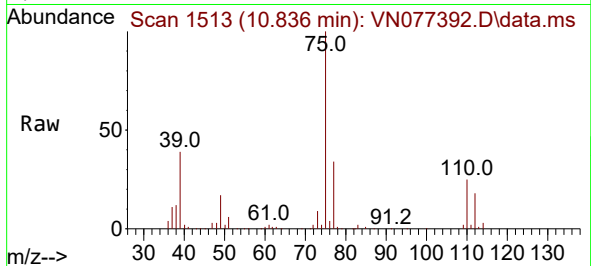
Tgt Ion: 92 Resp: 378886
Ion Ratio Lower Upper
92 100
91 171.7 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 18.035 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

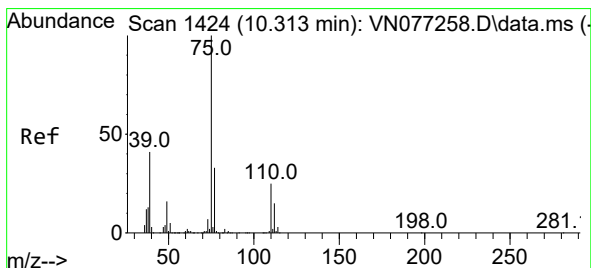
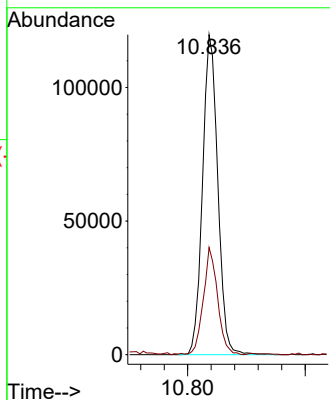
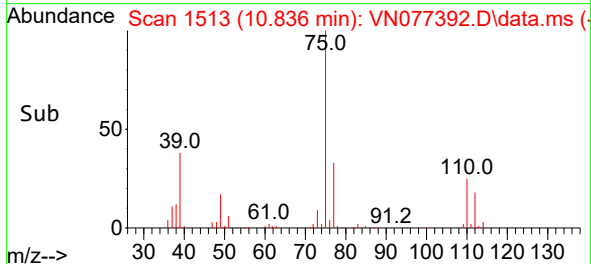
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01



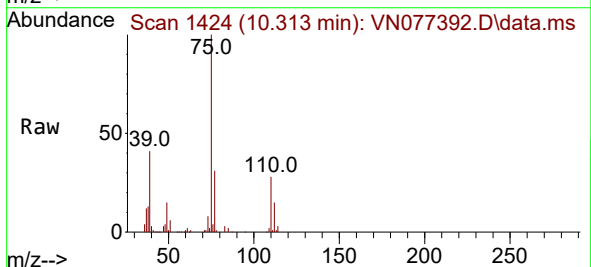
Tgt Ion: 75 Resp: 21495
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0

Manual Integrations
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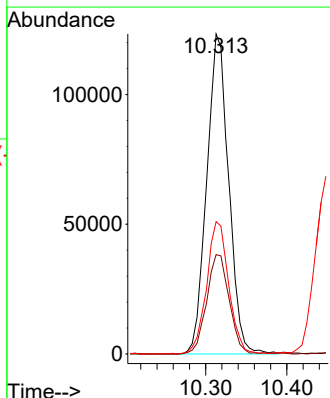
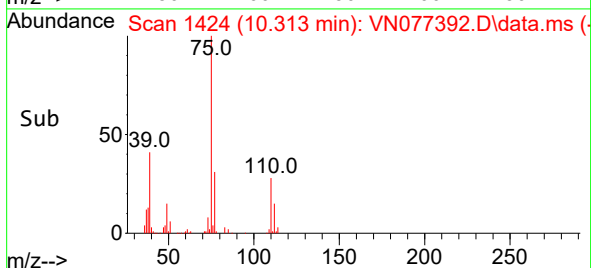
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

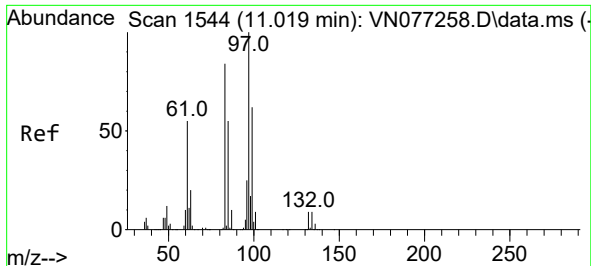


#54
 cis-1,3-Dichloropropene
 Concen: 18.227 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44



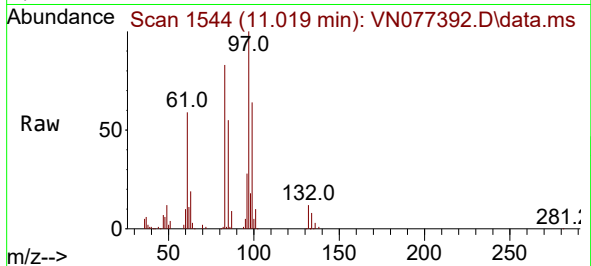
Tgt Ion: 75 Resp: 231407
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.7 40.1
 39 41.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 18.618 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

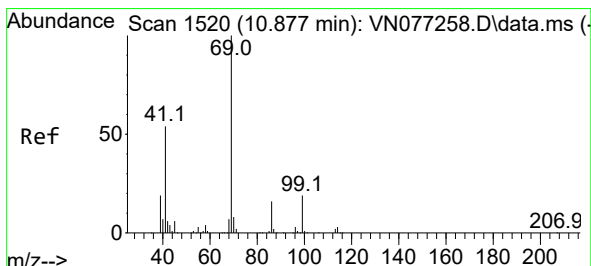
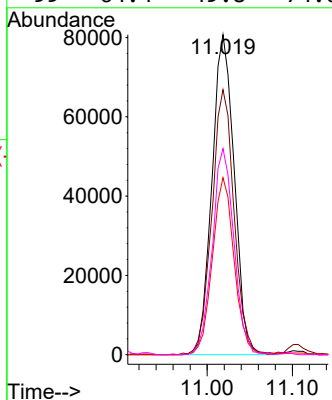
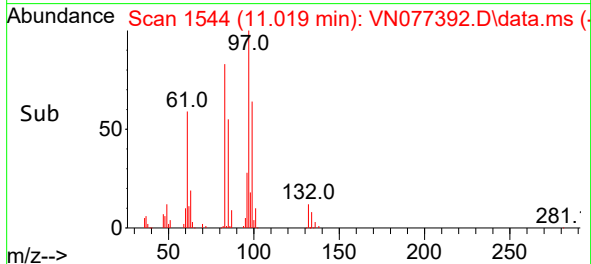
Instrument : MSVOA_N
ClientSampleId : VN0420WBS01



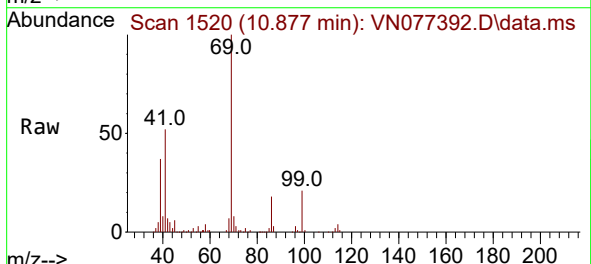
Tgt Ion:	97	Resp:	146800
Ion Ratio	100	Lower	Upper
97	100		
83	82.8	67.4	101.2
85	55.3	44.1	66.1
99	64.4	49.8	74.6

Manual Integrations
APPROVED

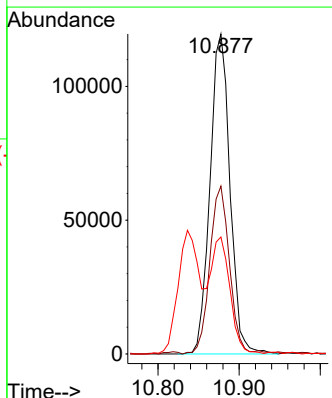
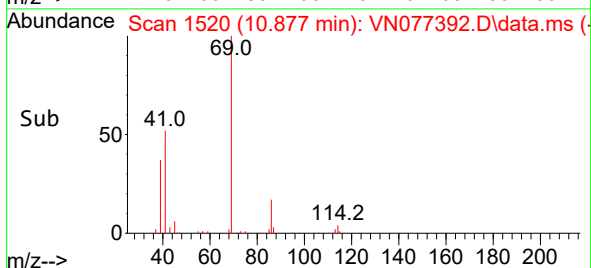
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

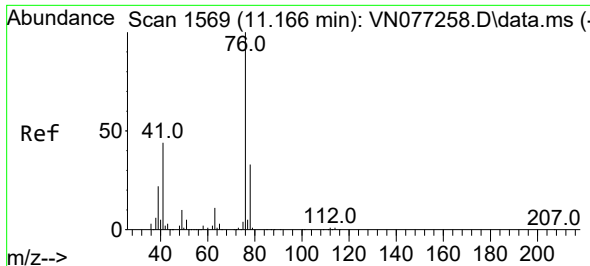


#56
Ethyl methacrylate
Concen: 16.640 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



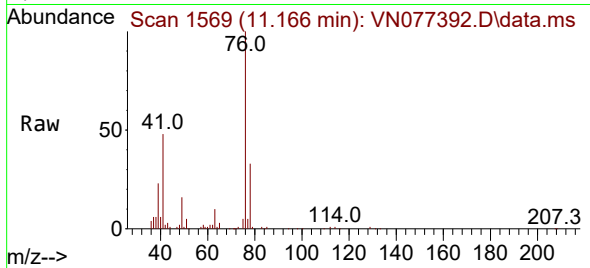
Tgt Ion:	69	Resp:	204363
Ion Ratio	100	Lower	Upper
69	100		
41	51.4	42.8	64.2
39	33.4	27.0	40.4





#57
1,3-Dichloropropane
Concen: 18.435 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

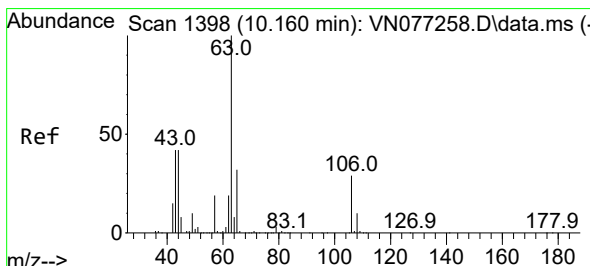
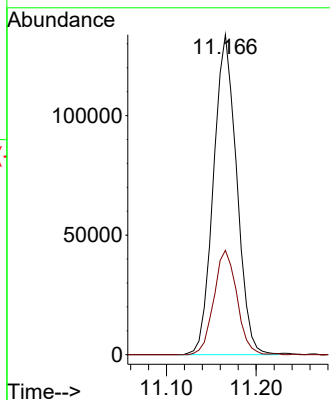
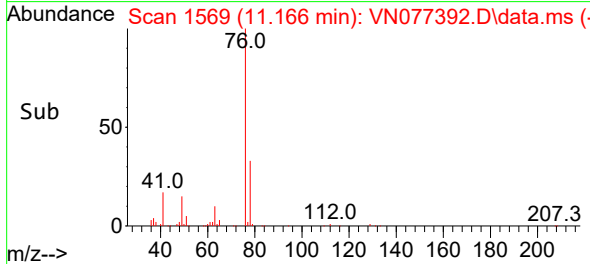
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 76 Resp: 240149
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4

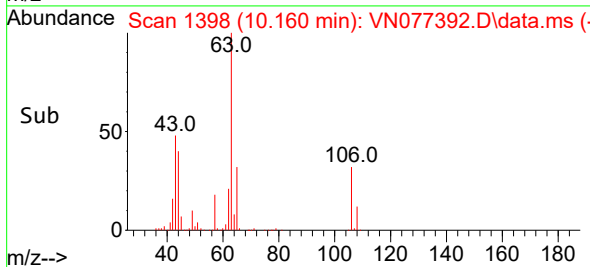
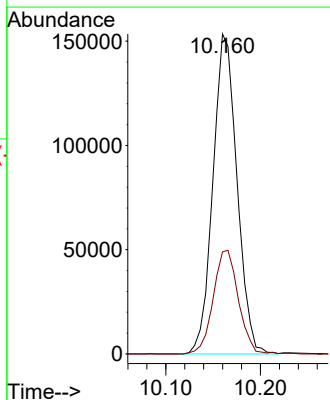
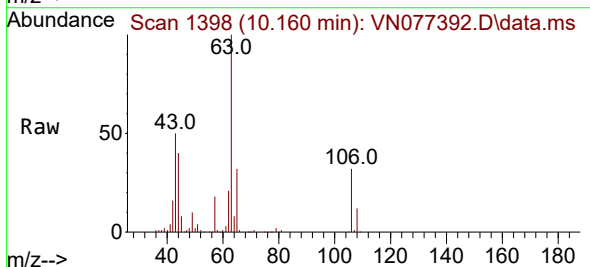
Manual Integrations
APPROVED

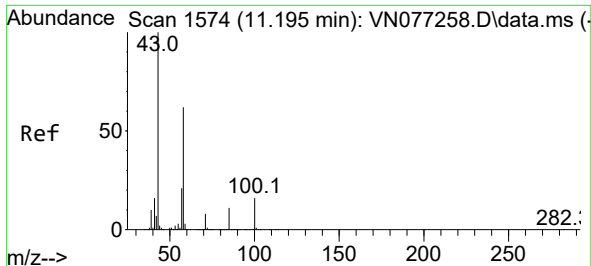
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 74.150 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

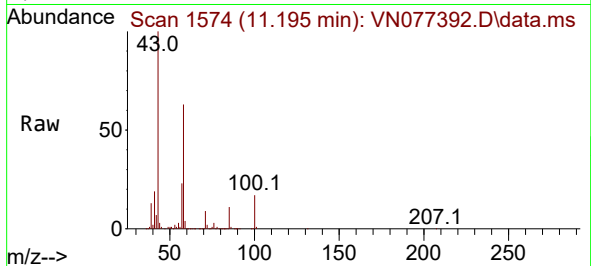
Tgt Ion: 63 Resp: 271095
Ion Ratio Lower Upper
63 100
106 33.9 24.1 36.1





#59
2-Hexanone
Concen: 74.775 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

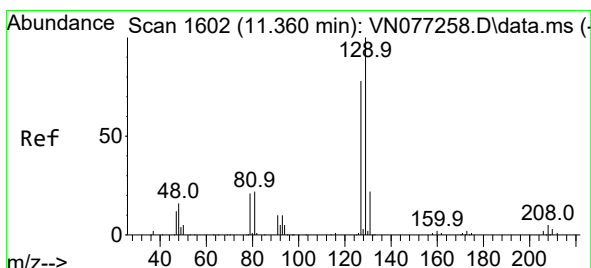
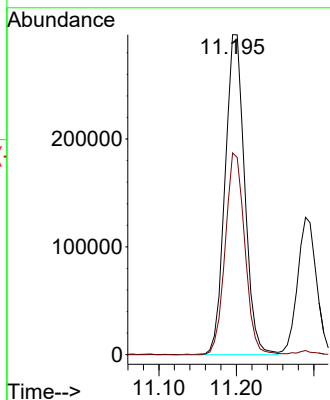
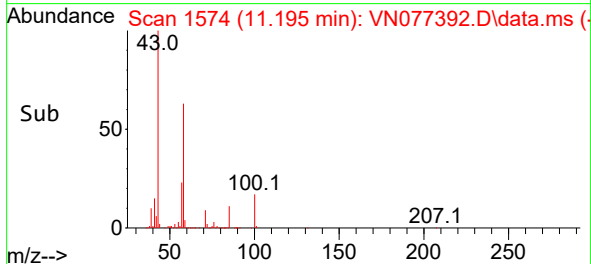
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



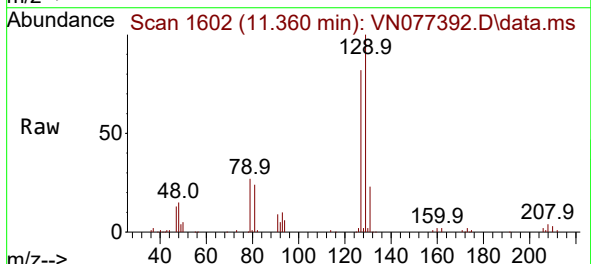
Tgt Ion: 43 Resp: 52304
Ion Ratio Lower Upper
43 100
58 62.9 30.9 92.5

Manual Integrations
APPROVED

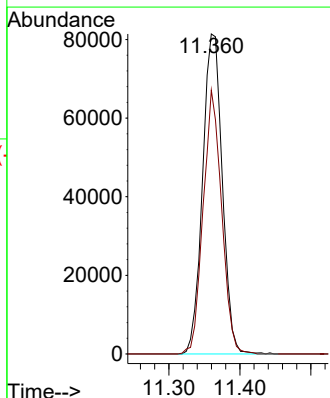
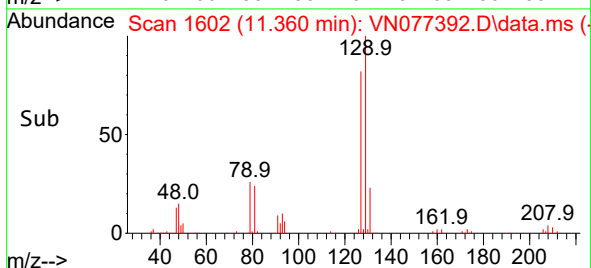
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

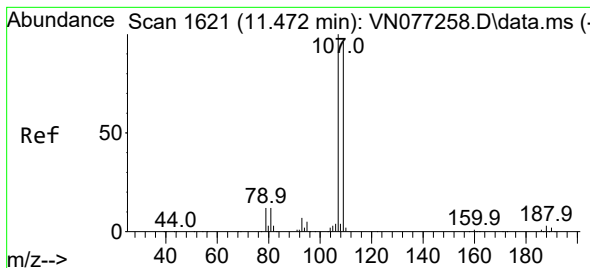


#60
Dibromochloromethane
Concen: 19.347 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



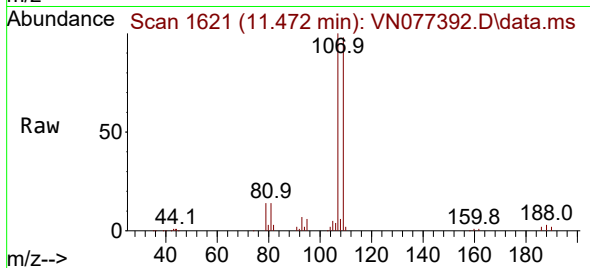
Tgt Ion:129 Resp: 157115
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61
1,2-Dibromoethane
Concen: 18.895 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

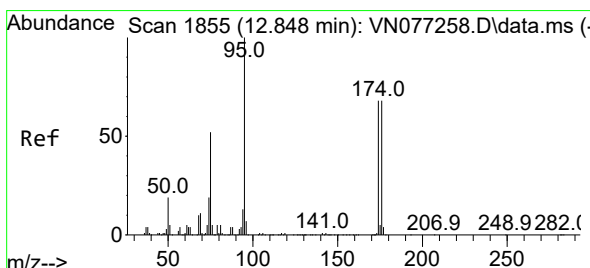
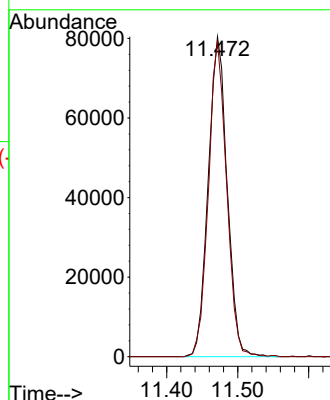
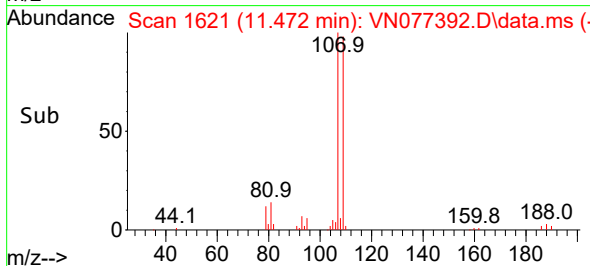
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



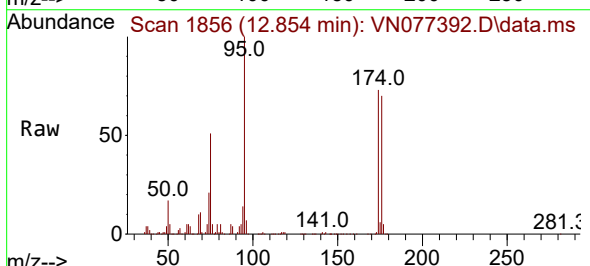
Tgt Ion:107 Resp: 148714
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

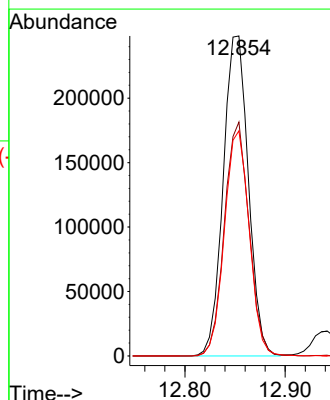
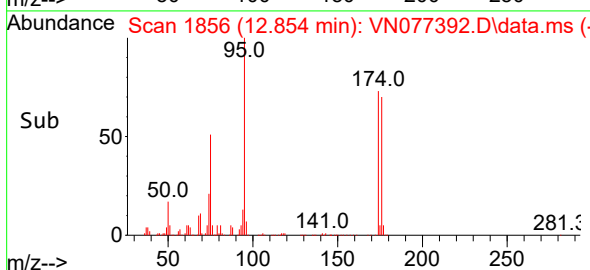
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

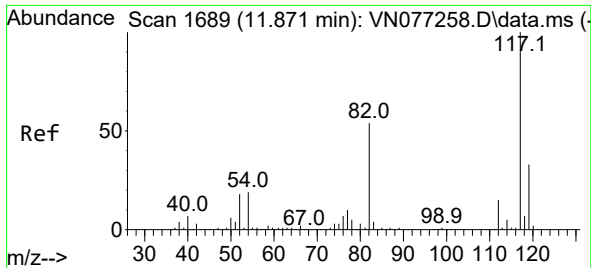


#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



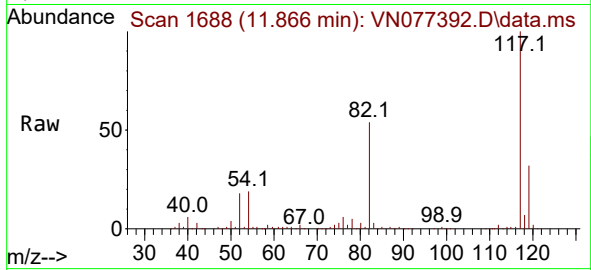
Tgt Ion: 95 Resp: 432416
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.8
176 69.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

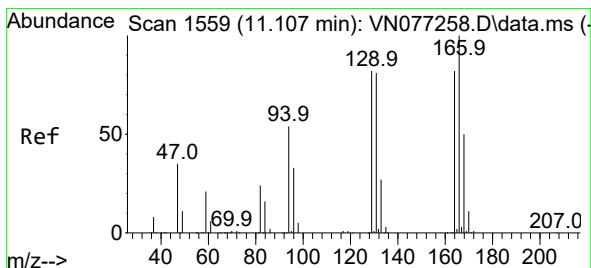
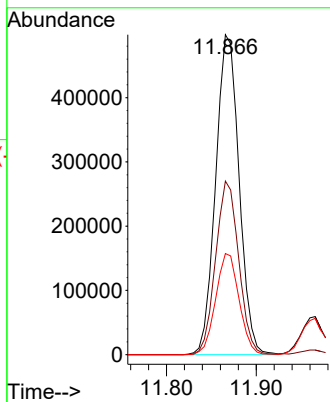
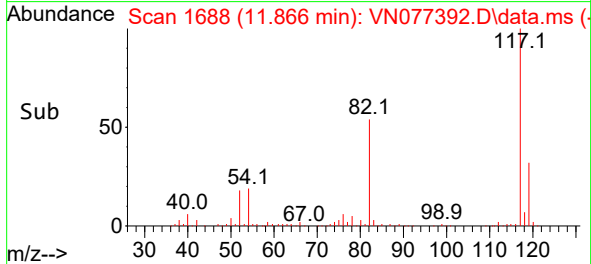
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion:117 Resp: 903728
Ion Ratio Lower Upper
117 100
82 54.2 42.9 64.3
119 31.6 26.2 39.4

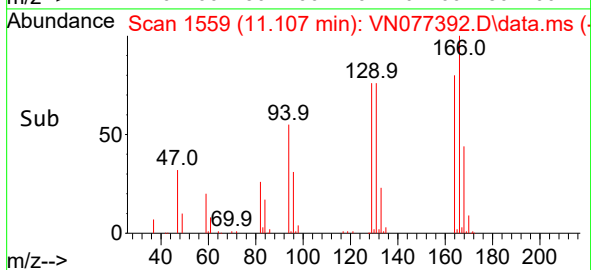
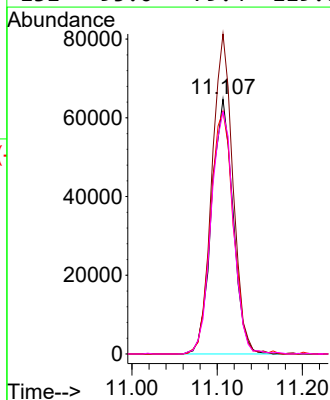
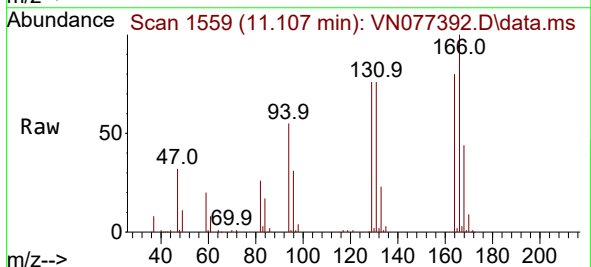
Manual Integrations
APPROVED

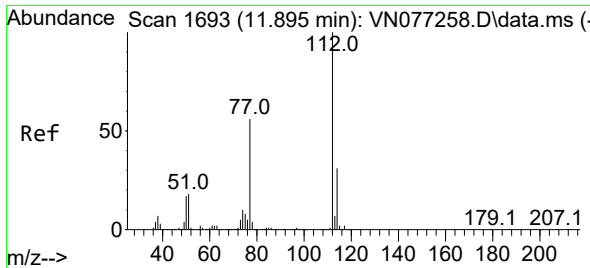
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 20.295 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

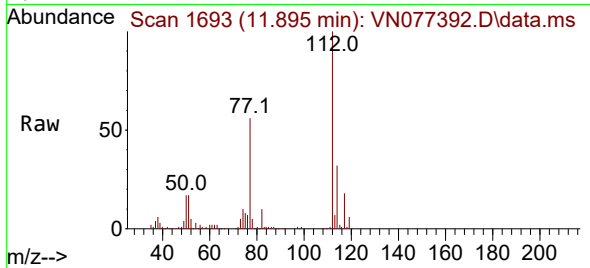
Tgt Ion:164 Resp: 113303
Ion Ratio Lower Upper
164 100
166 125.6 97.8 146.6
129 95.3 80.1 120.1
131 95.0 79.4 119.0





#65
Chlorobenzene
Concen: 20.129 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

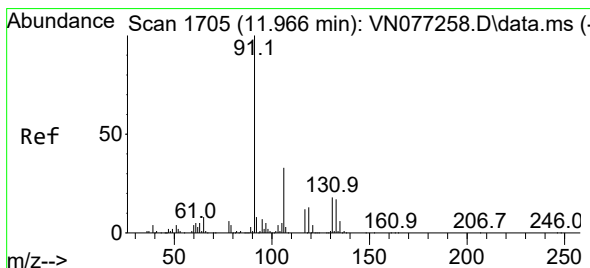
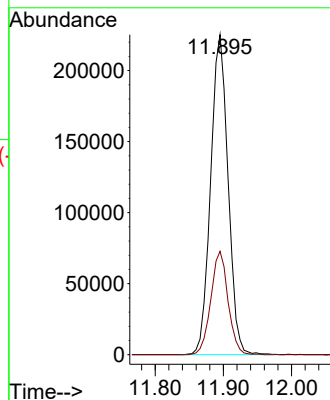
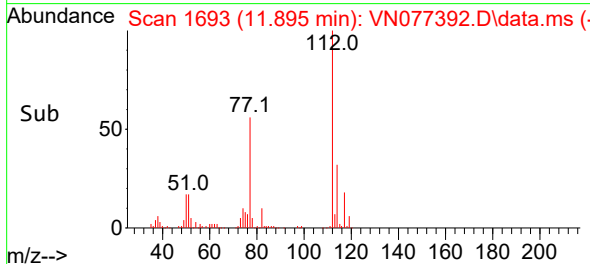
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



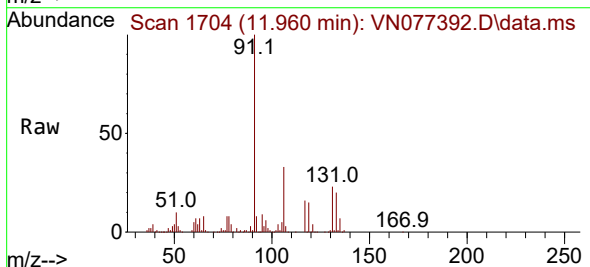
Tgt Ion:112 Resp: 400499
Ion Ratio Lower Upper
112 100
114 32.3 24.6 36.8

Manual Integrations
APPROVED

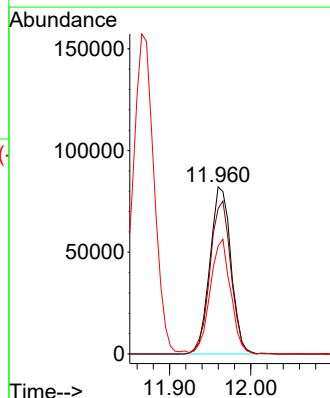
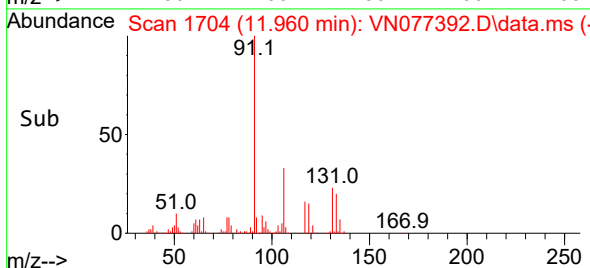
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

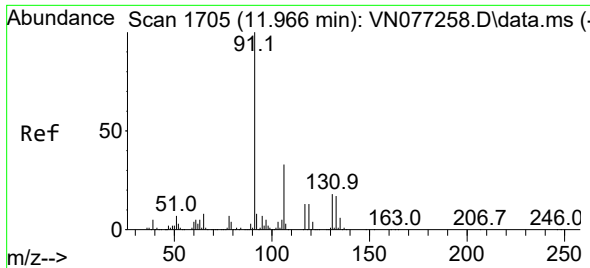


#66
1,1,1,2-Tetrachloroethane
Concen: 19.657 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



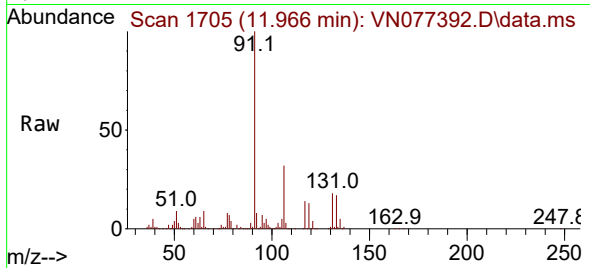
Tgt Ion:131 Resp: 147987
Ion Ratio Lower Upper
131 100
133 91.6 46.9 140.6
119 66.6 34.0 102.0





#67
Ethyl Benzene
Concen: 19.481 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

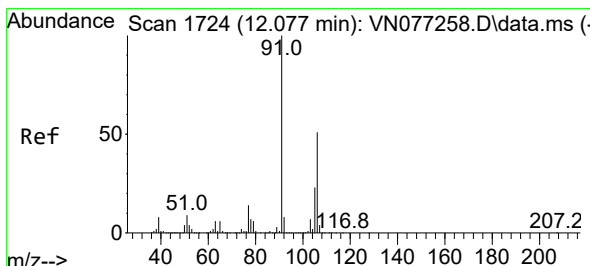
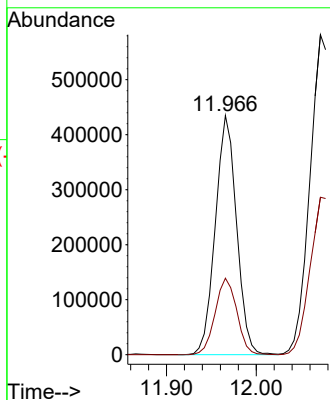
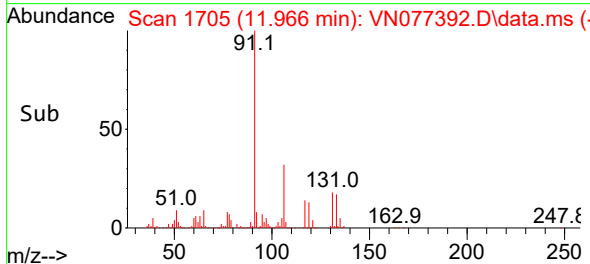
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



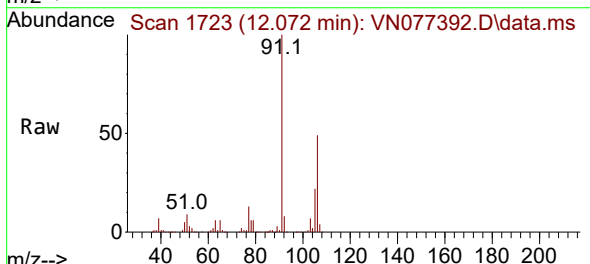
Tgt Ion: 91 Resp: 71525
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2

Manual Integrations
APPROVED

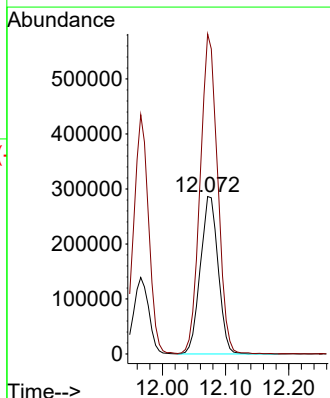
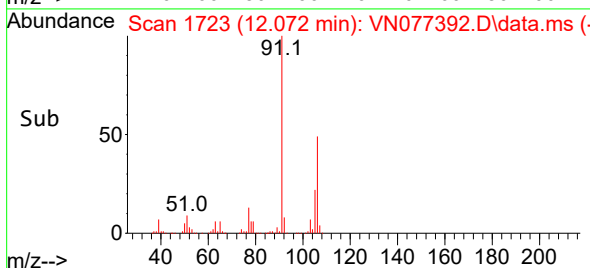
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

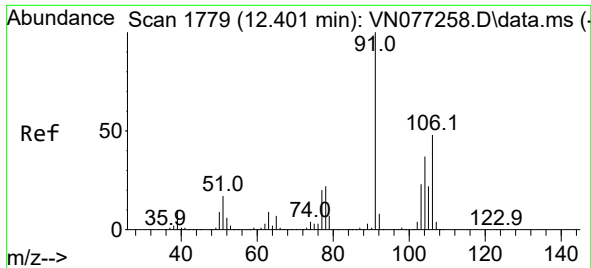


#68
m/p-Xylenes
Concen: 38.845 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



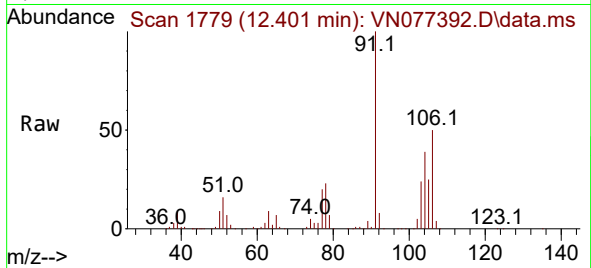
Tgt Ion:106 Resp: 560388
Ion Ratio Lower Upper
106 100
91 198.3 158.7 238.1





#69
o-Xylene
Concen: 19.621 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

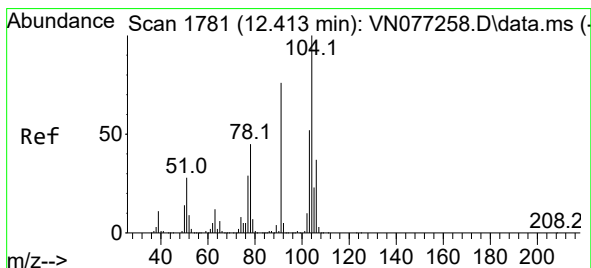
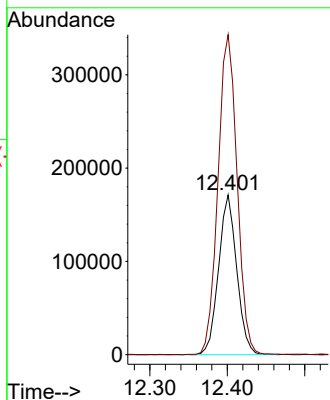
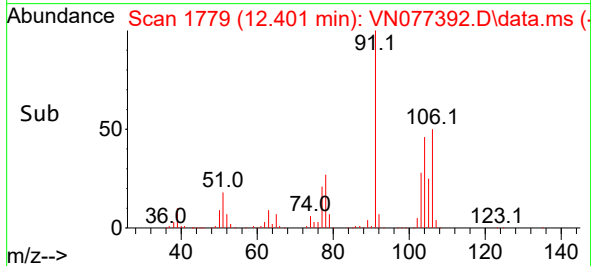
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



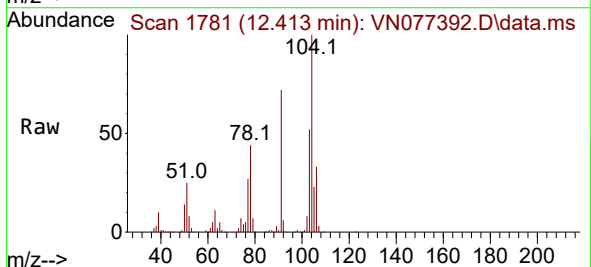
Tgt Ion:106 Resp: 279240
Ion Ratio Lower Upper
106 100
91 211.0 104.0 312.0

Manual Integrations
APPROVED

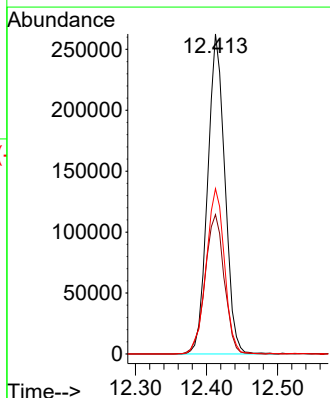
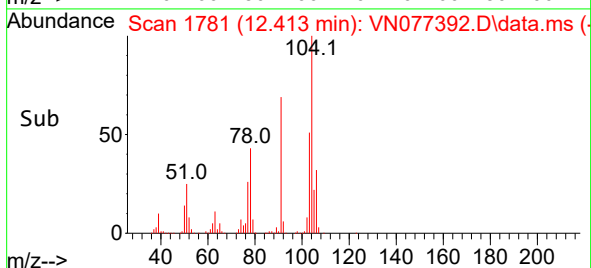
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

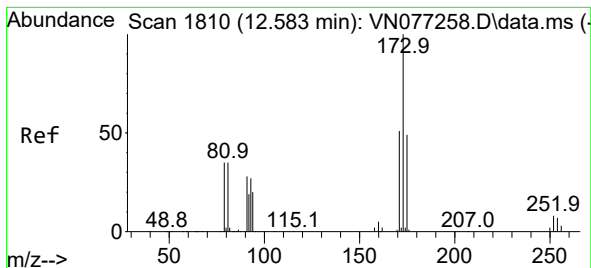


#70
Styrene
Concen: 19.314 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



Tgt Ion:104 Resp: 442344
Ion Ratio Lower Upper
104 100
78 48.5 38.0 57.0
103 55.1 43.1 64.7





#71

Bromoform

Concen: 18.483 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

Tgt Ion:173 Resp: 97948

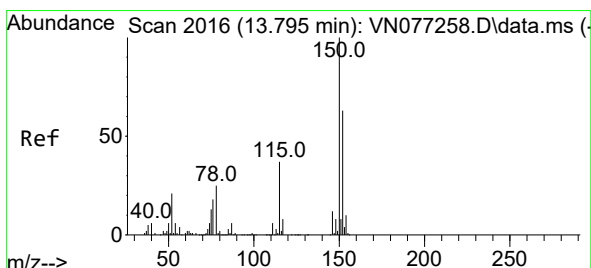
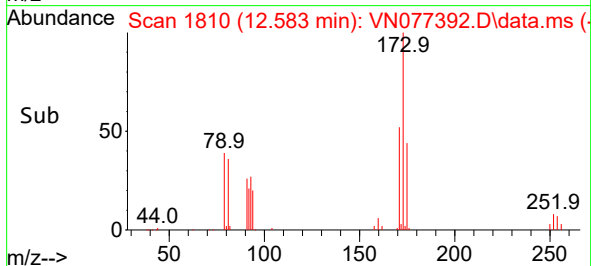
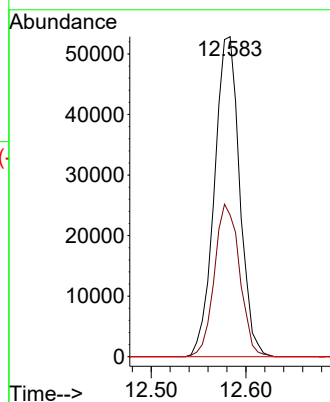
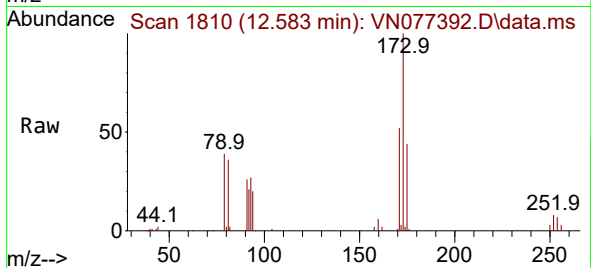
Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.4
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

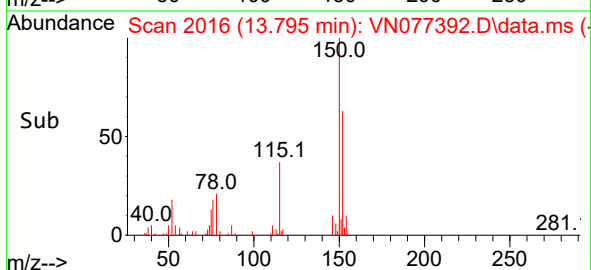
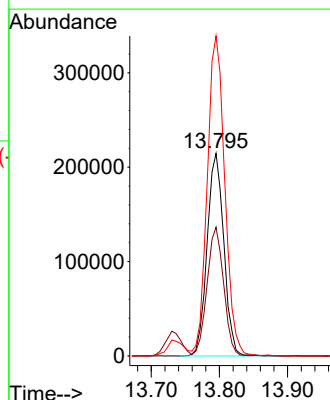
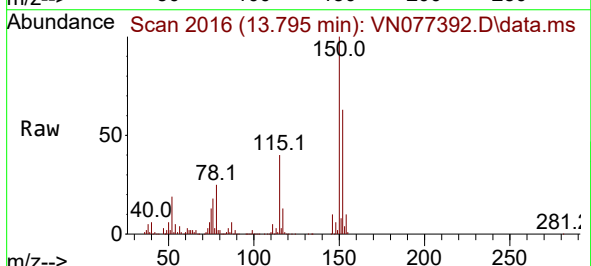
Delta R.T. -0.000 min

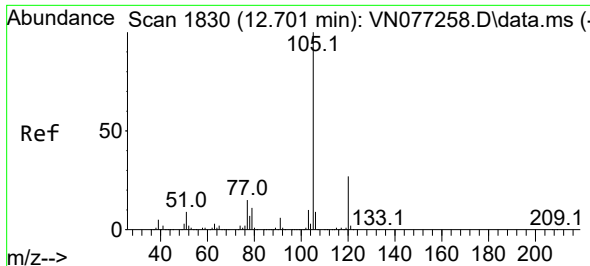
Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Tgt Ion:152 Resp: 365998

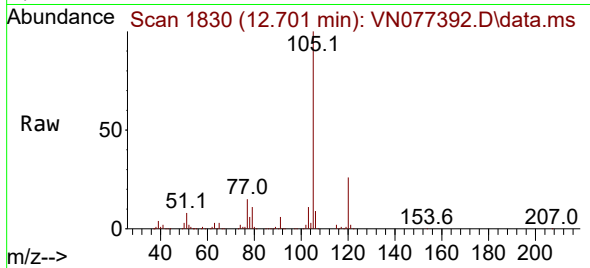
Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.1	96.3
150	165.5	0.0	354.8





#73
Isopropylbenzene
Concen: 20.237 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

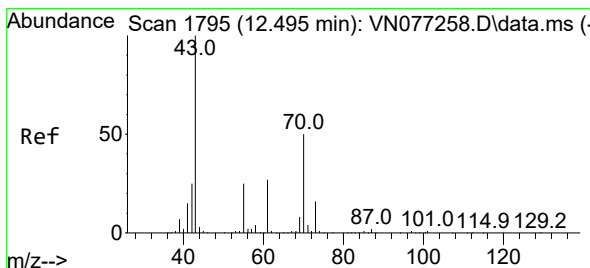
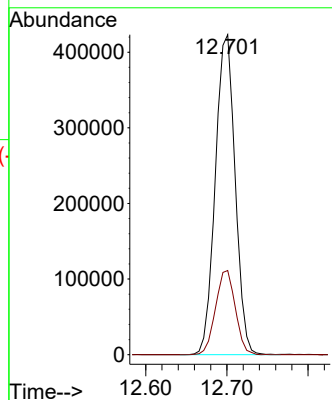
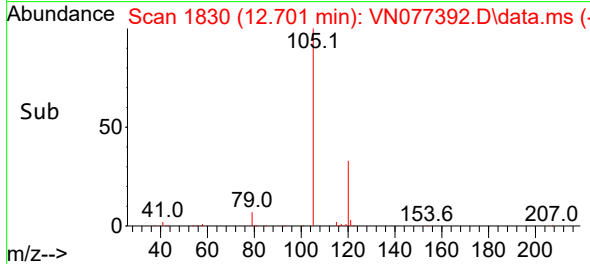
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion:105 Resp: 719400
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

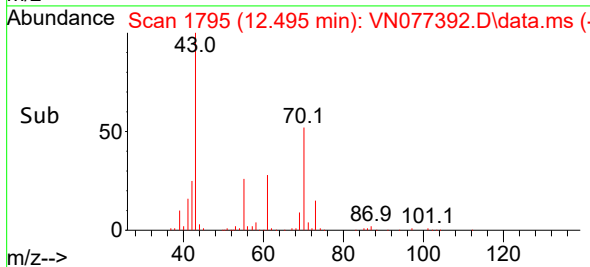
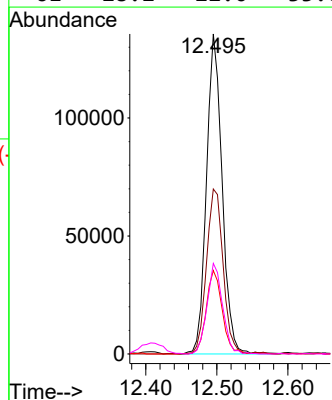
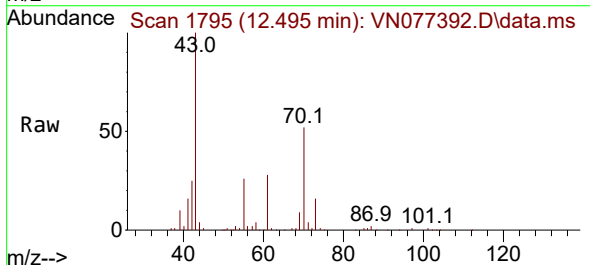
Manual Integrations
APPROVED

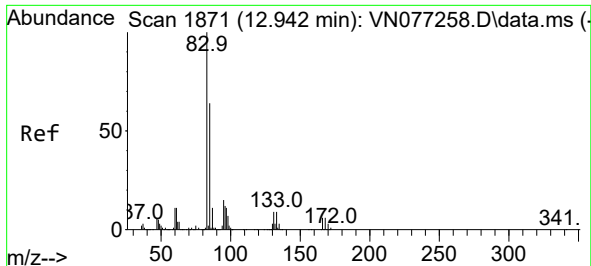
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 15.449 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

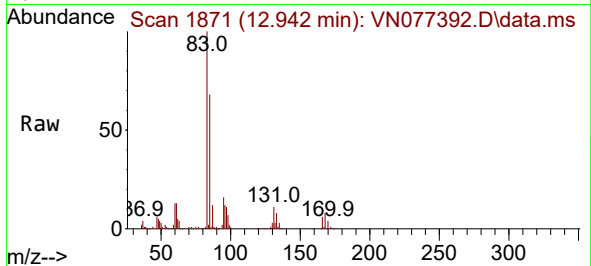
Tgt Ion: 43 Resp: 208131
Ion Ratio Lower Upper
43 100
70 54.7 41.0 61.6
55 26.7 19.3 28.9
61 28.2 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.746 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

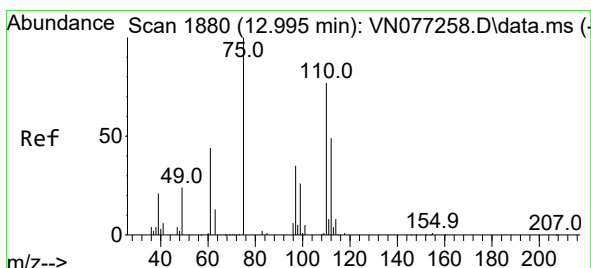
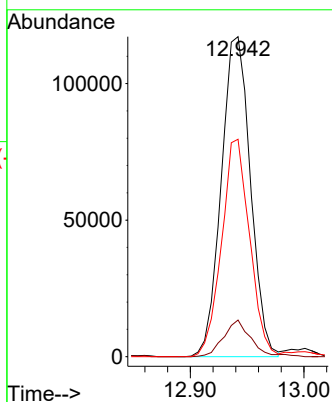
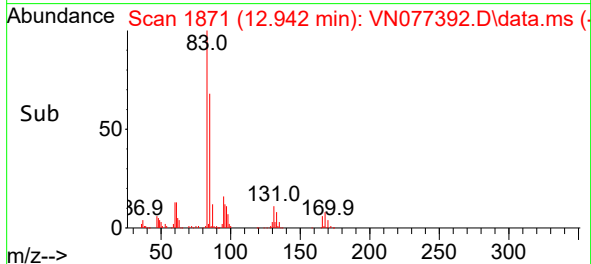
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



Tgt Ion: 83 Resp: 209134
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.6
85 65.8 32.1 96.3

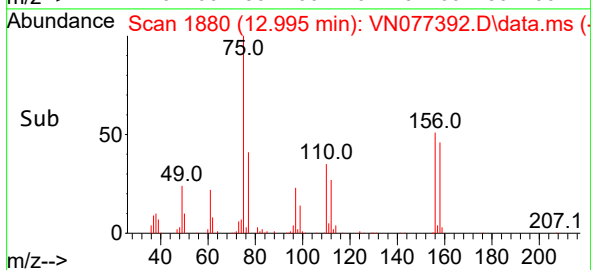
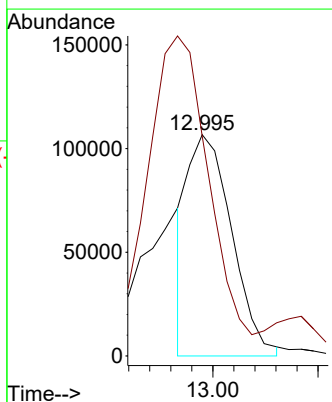
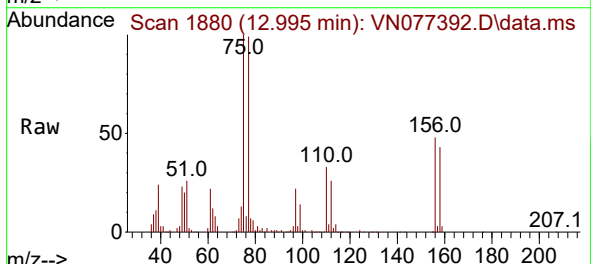
Manual Integrations
APPROVED

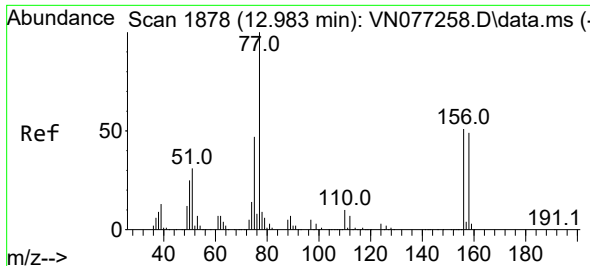
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 17.817 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

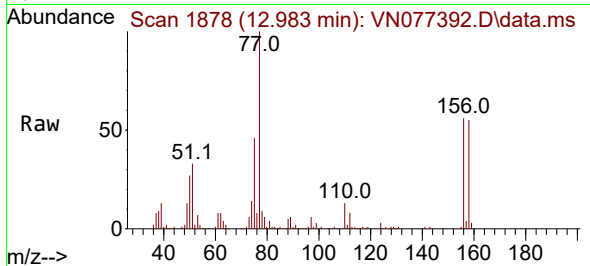
Tgt Ion: 75 Resp: 155284
Ion Ratio Lower Upper
75 100
77 205.5 88.3 264.9





#77
Bromobenzene
Concen: 20.808 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

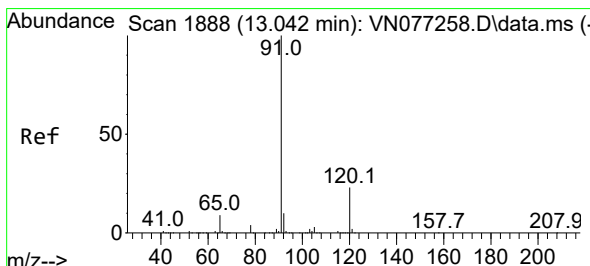
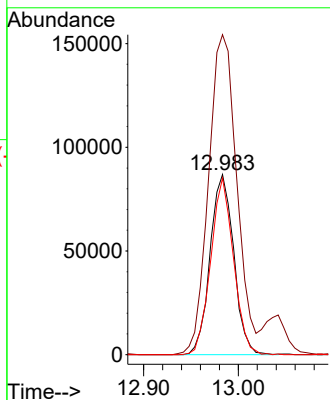
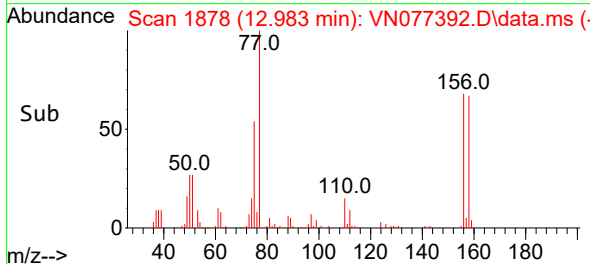
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



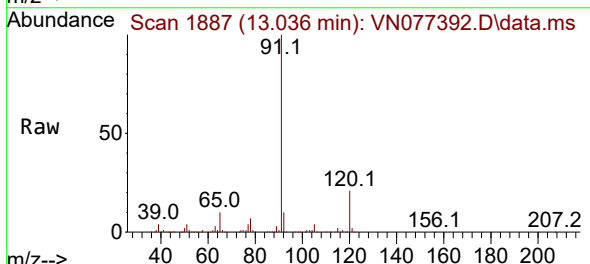
Tgt Ion:156 Resp: 150408
Ion Ratio Lower Upper
156 100
77 212.2 115.3 345.8
158 94.6 49.3 147.8

Manual Integrations
APPROVED

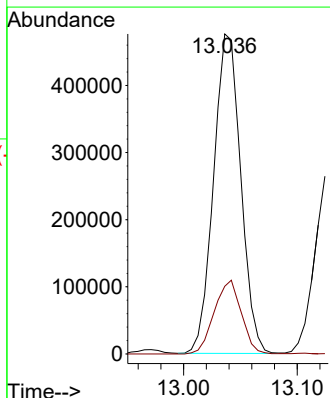
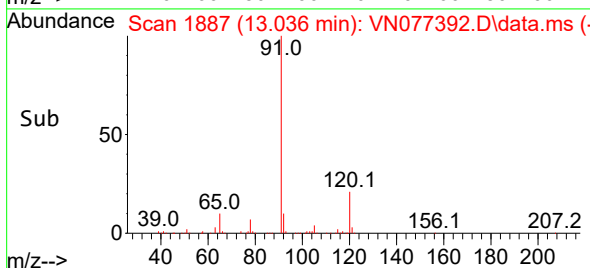
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

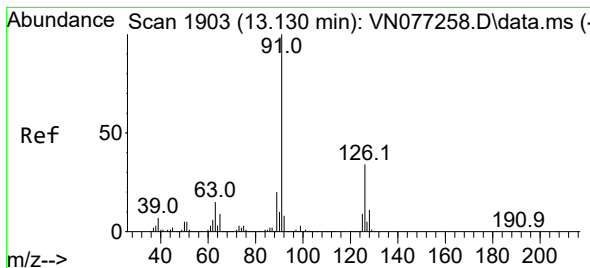


#78
n-propylbenzene
Concen: 20.167 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



Tgt Ion: 91 Resp: 792156
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.833 ug/l

RT: 13.124 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

Tgt Ion: 91 Resp: 46906

Ion Ratio Lower Upper

91 100

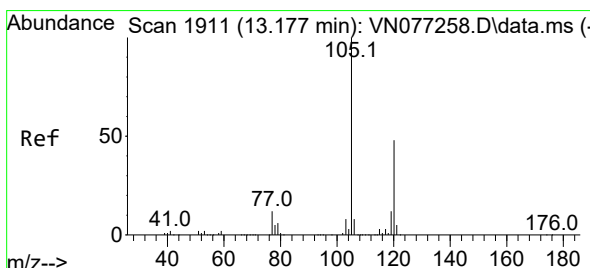
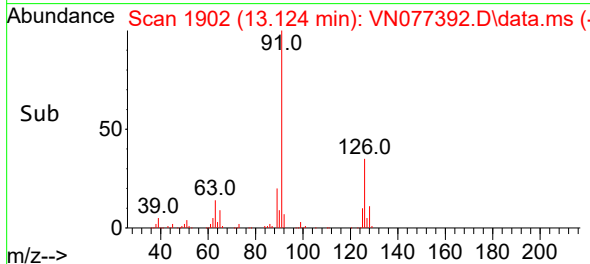
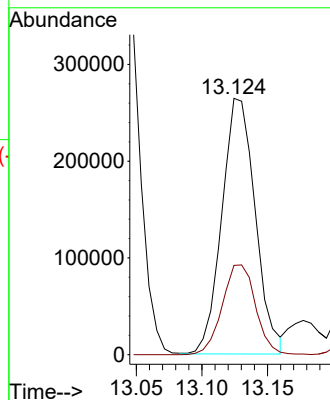
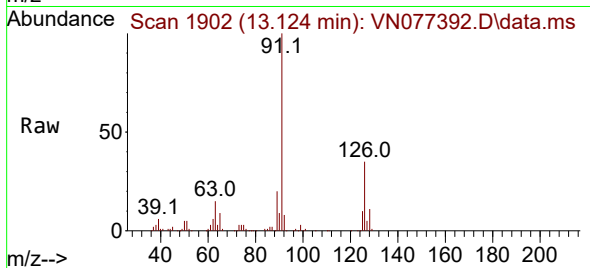
126 35.1 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.932 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077392.D

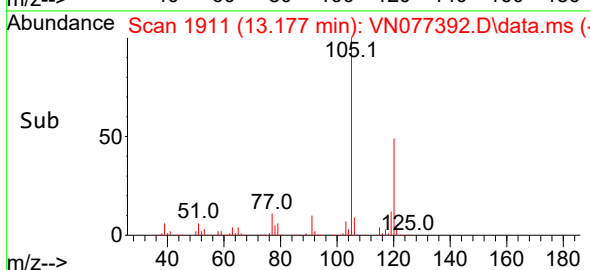
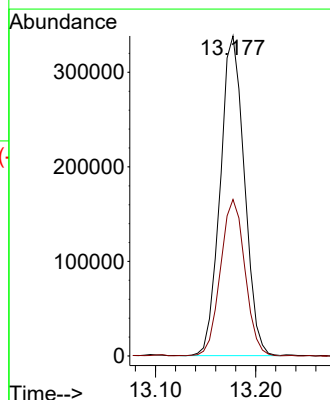
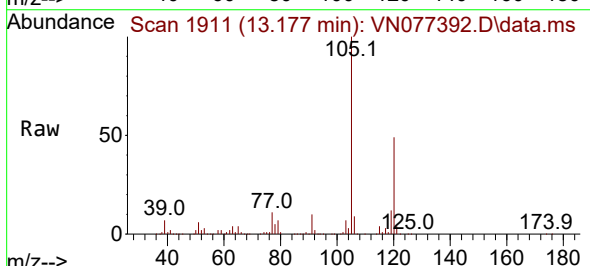
Acq: 20 Apr 2023 11:44

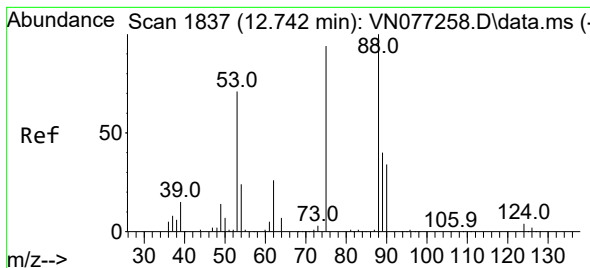
Tgt Ion:105 Resp: 565928

Ion Ratio Lower Upper

105 100

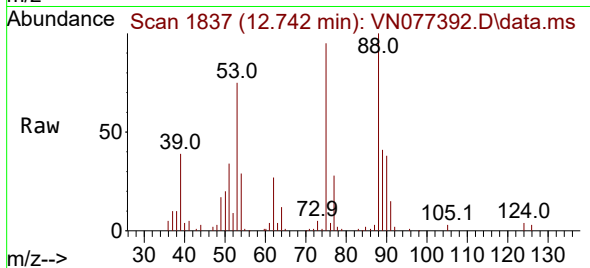
120 49.8 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.704 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

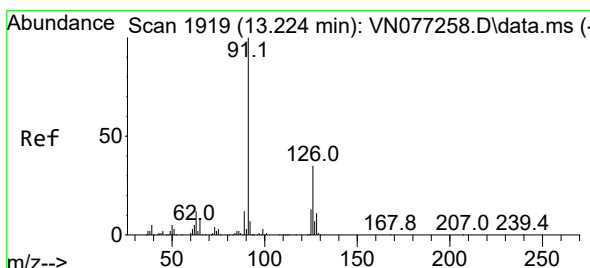
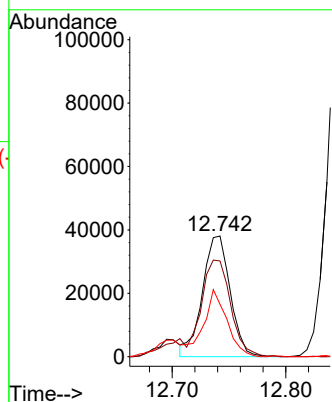
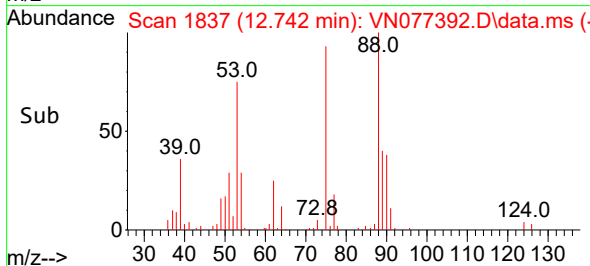
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



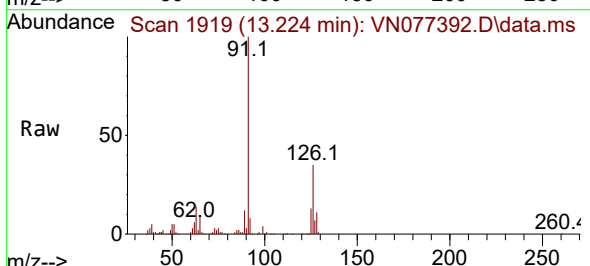
Tgt Ion: 75 Resp: 64692
Ion Ratio Lower Upper
75 100
53 96.1 72.8 109.2
89 45.7 37.4 56.2

Manual Integrations
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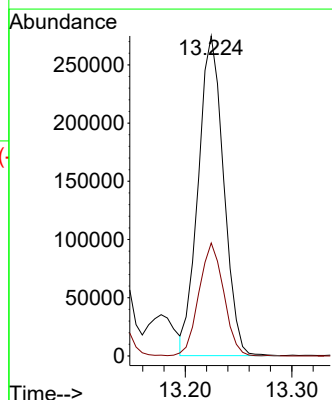
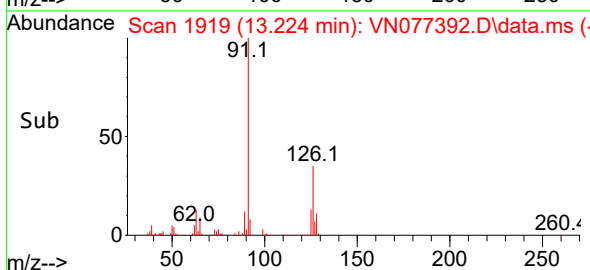
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

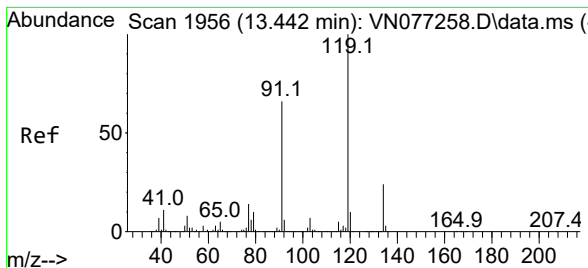


#82
4-Chlorotoluene
Concen: 20.390 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



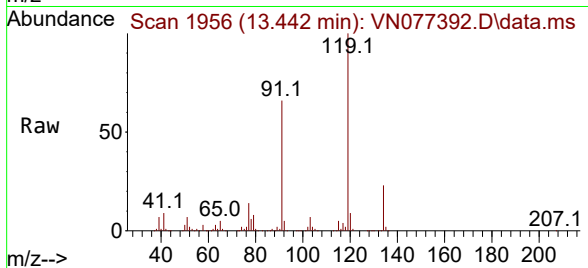
Tgt Ion: 91 Resp: 454676
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.198 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

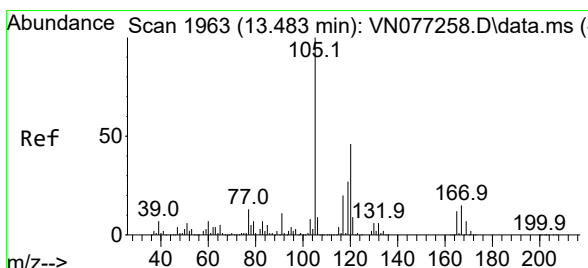
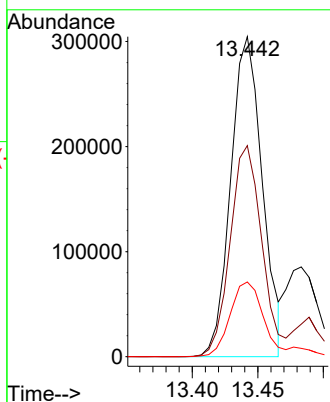
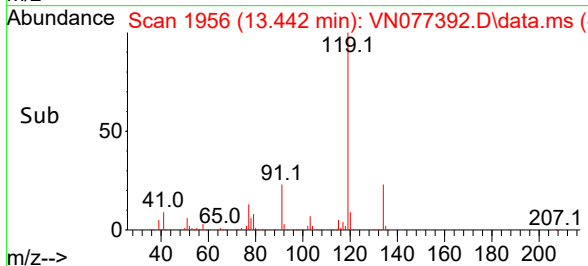
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



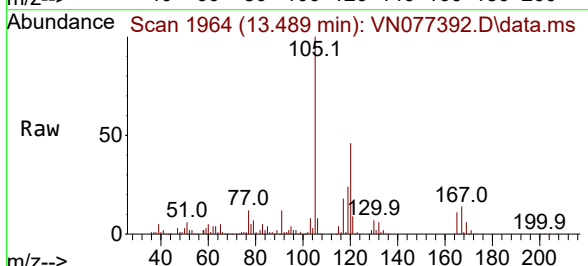
Tgt Ion:119 Resp: 51045
Ion Ratio Lower Upper
119 100
91 66.5 33.5 100.4
134 24.4 13.3 39.9

Manual Integrations
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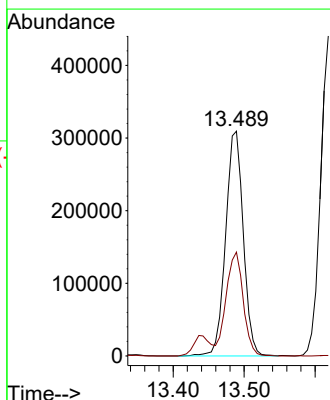
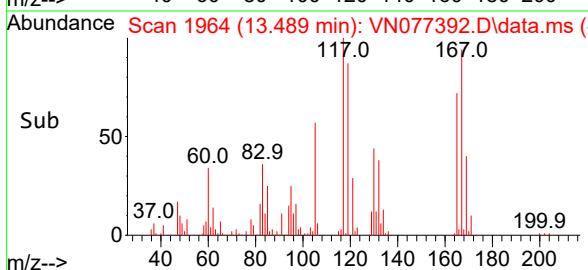
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

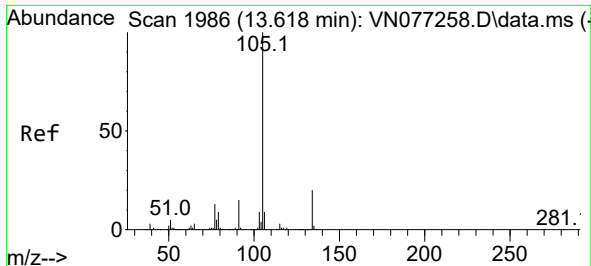


#84
1,2,4-Trimethylbenzene
Concen: 19.037 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



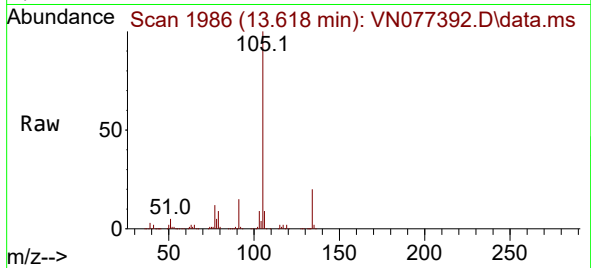
Tgt Ion:105 Resp: 533999
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 20.380 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

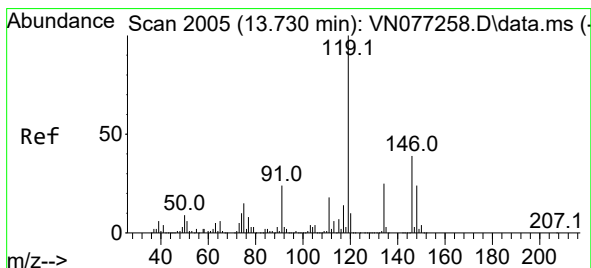
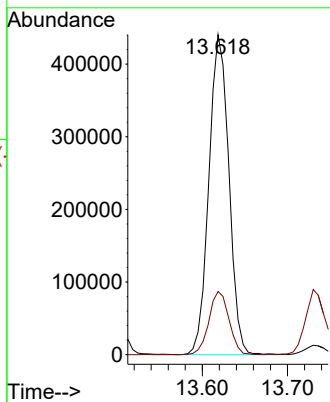
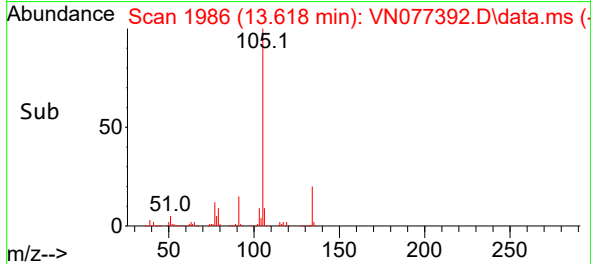
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01



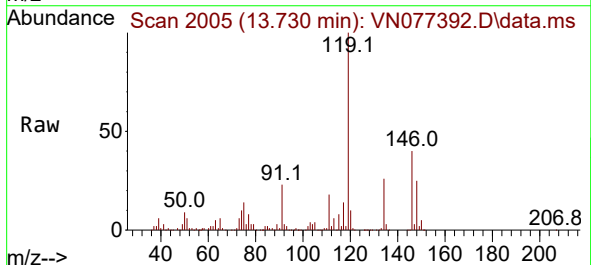
Tgt Ion:105 Resp: 717800
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

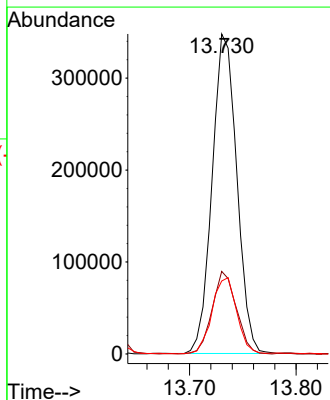
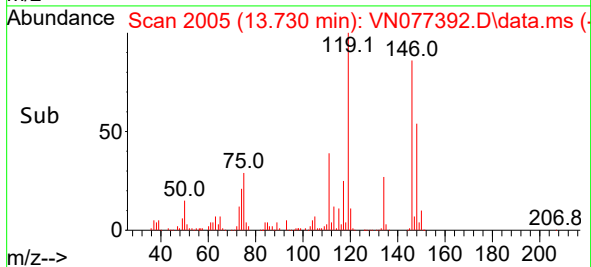
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

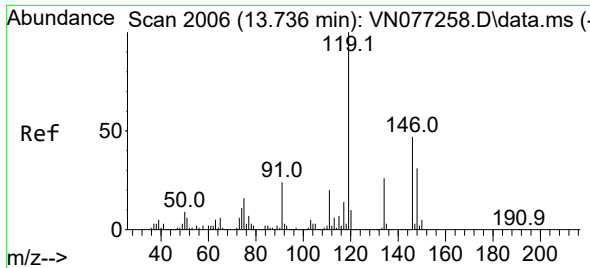


#86
 p-Isopropyltoluene
 Concen: 20.182 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44



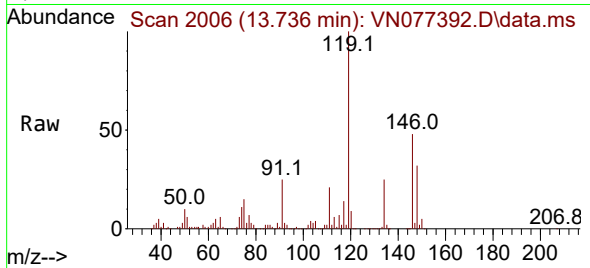
Tgt Ion:119 Resp: 558669
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 23.8 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44

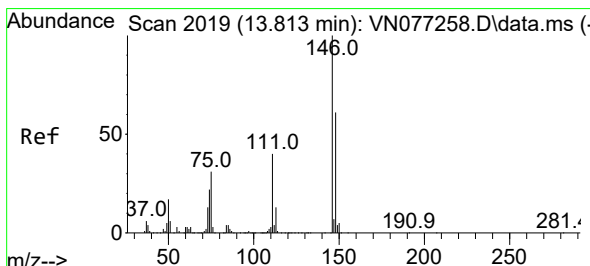
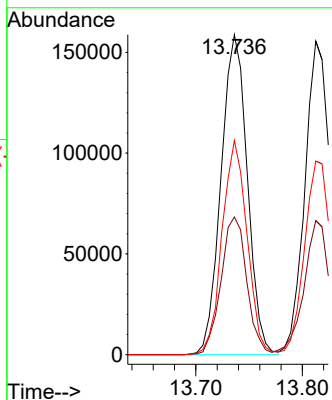
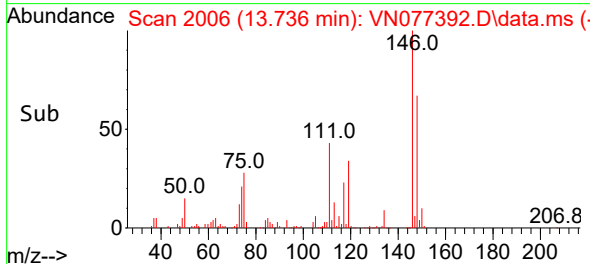
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS01



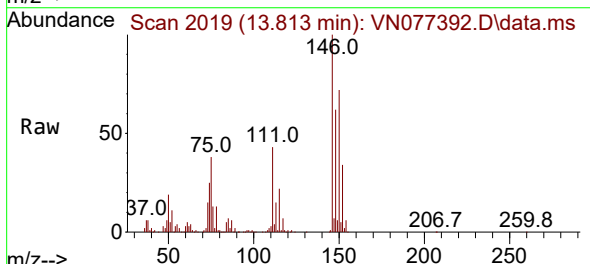
Tgt Ion:146 Resp: 27249
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.4
 148 63.6 31.7 95.1

Manual Integrations
 APPROVED

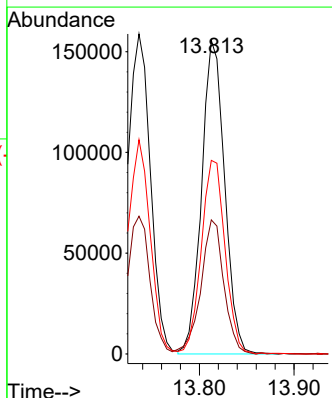
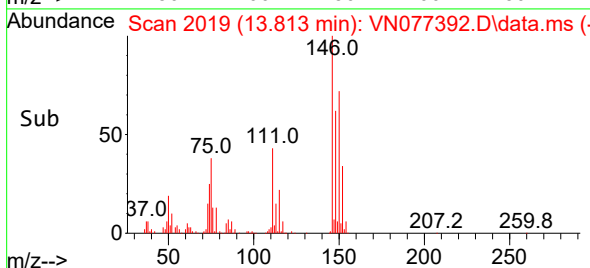
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

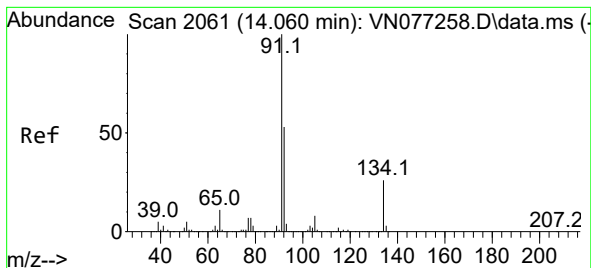


#88
 1,4-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077392.D
 Acq: 20 Apr 2023 11:44



Tgt Ion:146 Resp: 263230
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.2
 148 63.8 31.6 95.0





#89

n-Butylbenzene

Concen: 18.847 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

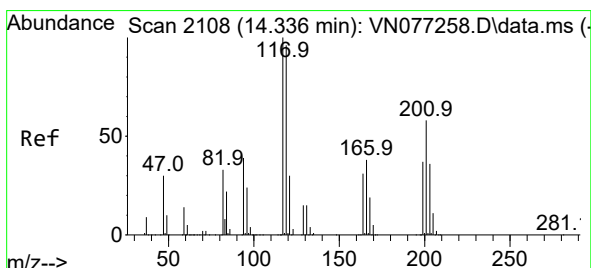
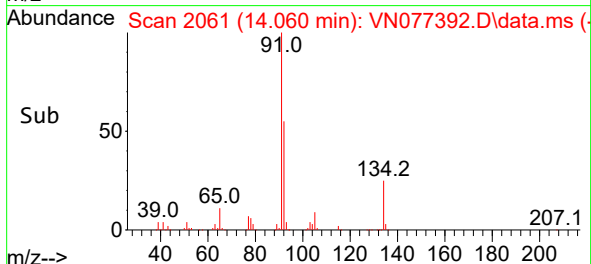
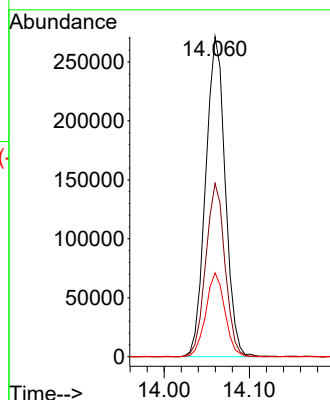
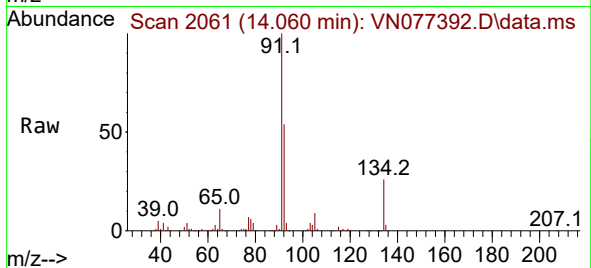
Tgt Ion:	91	Resp:	433090
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.0
134	25.5	12.8	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#90

Hexachloroethane

Concen: 19.185 ug/l

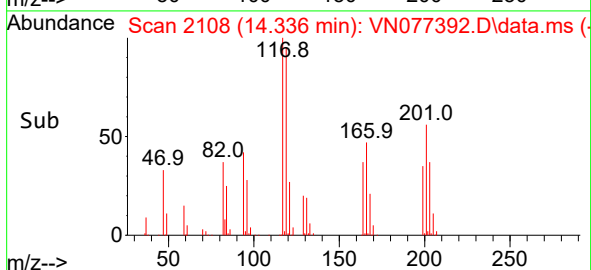
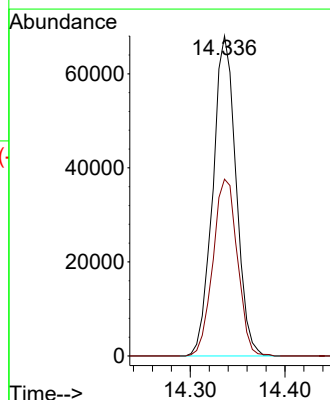
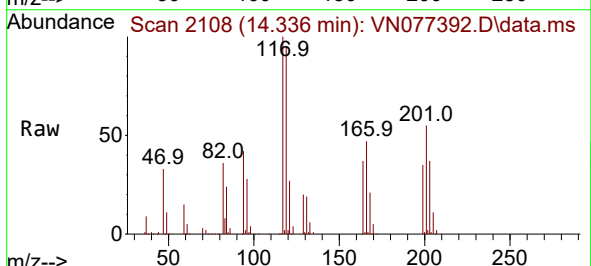
RT: 14.336 min Scan# 2108

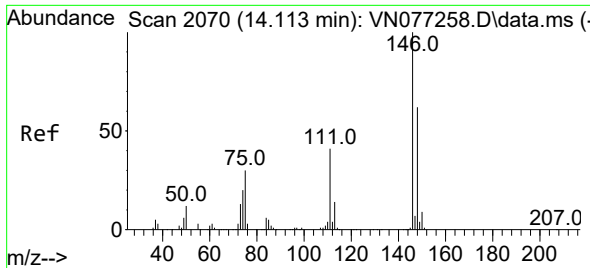
Delta R.T. 0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

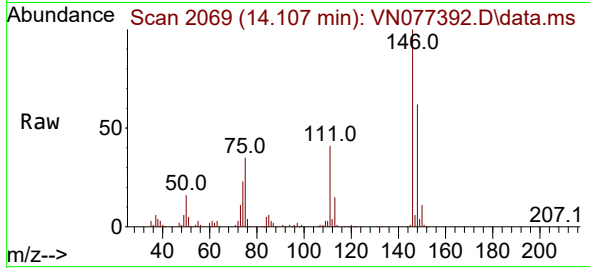
Tgt Ion:	117	Resp:	116117
Ion	Ratio	Lower	Upper
117	100		
201	58.2	29.8	89.5





#91
1,2-Dichlorobenzene
Concen: 20.352 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

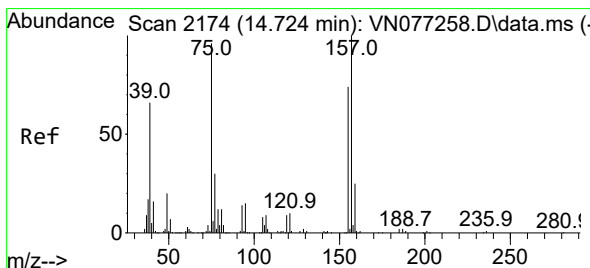
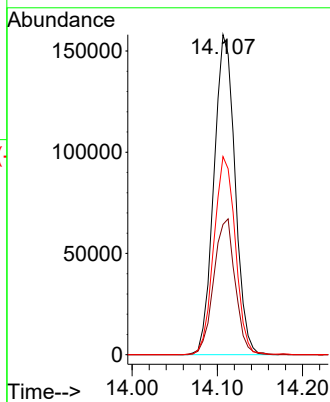
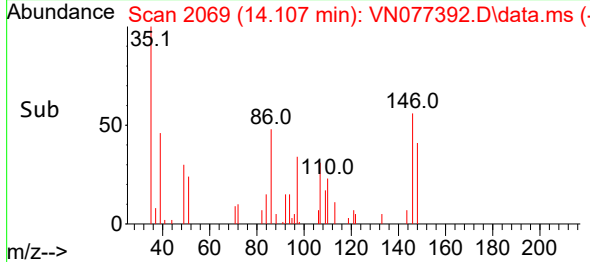
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



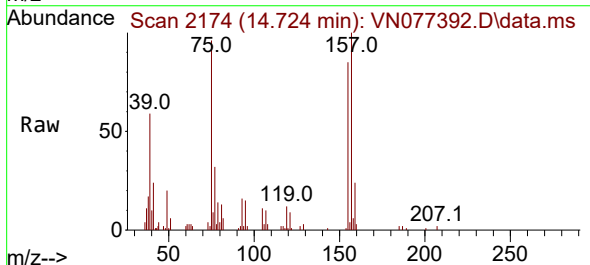
Tgt Ion:146 Resp: 27227
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 63.0 31.9 95.5

Manual Integrations
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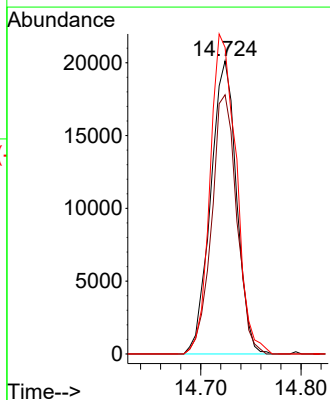
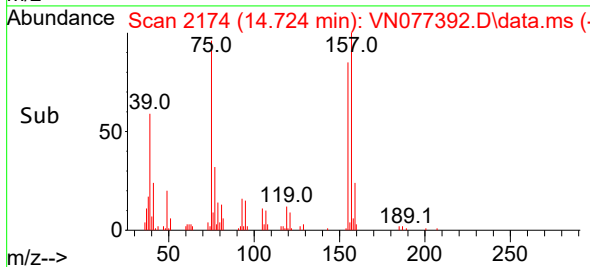
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

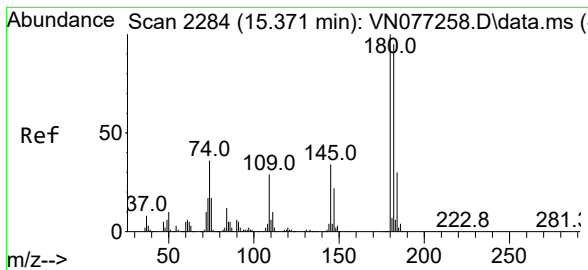


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.047 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



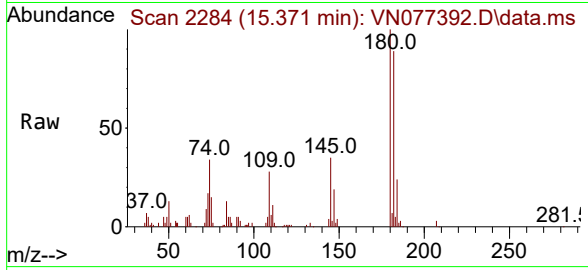
Tgt Ion: 75 Resp: 36042
Ion Ratio Lower Upper
75 100
155 86.0 41.0 123.2
157 109.9 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 13.365 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44

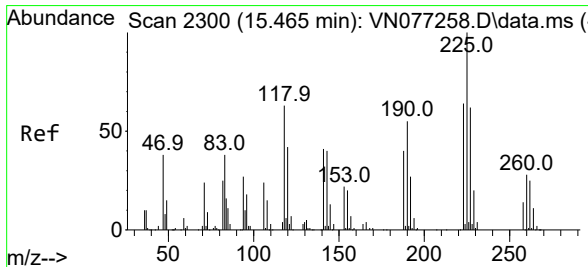
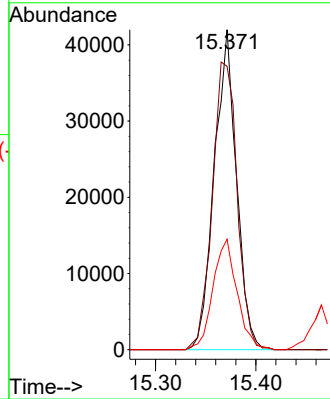
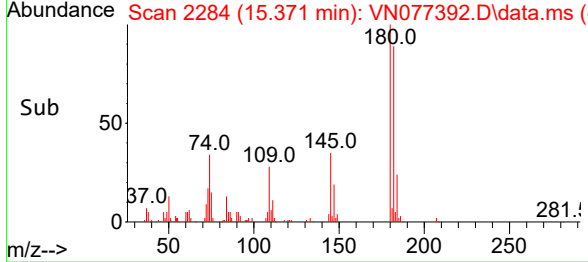
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBS01



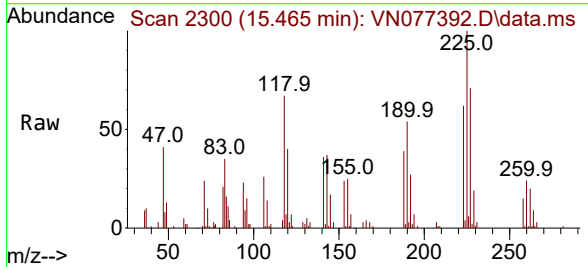
Tgt Ion:180 Resp: 6454
Ion Ratio Lower Upper
180 100
182 100.1 46.7 140.0
145 37.4 16.6 49.8

Manual Integrations
APPROVED

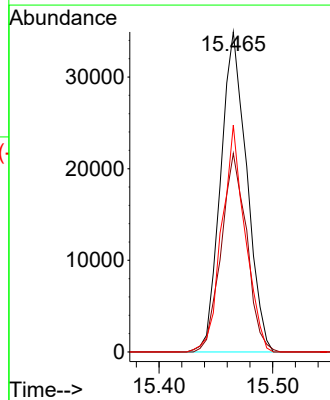
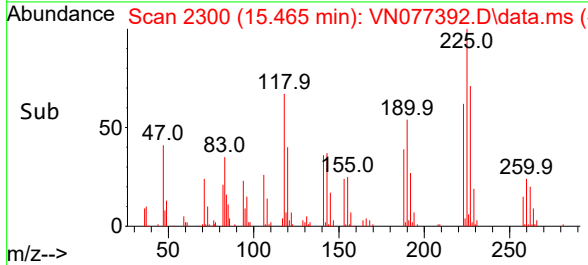
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

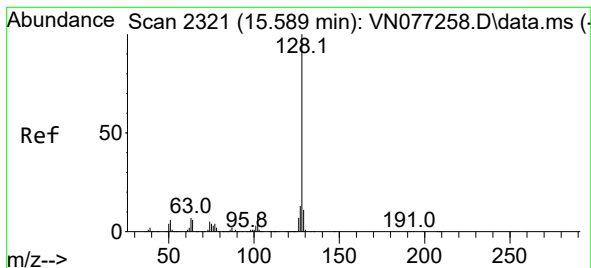


#94
Hexachlorobutadiene
Concen: 19.942 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077392.D
Acq: 20 Apr 2023 11:44



Tgt Ion:225 Resp: 55748
Ion Ratio Lower Upper
225 100
223 60.4 31.7 95.1
227 63.5 31.2 93.6





#95

Naphthalene

Concen: 13.494 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBS01

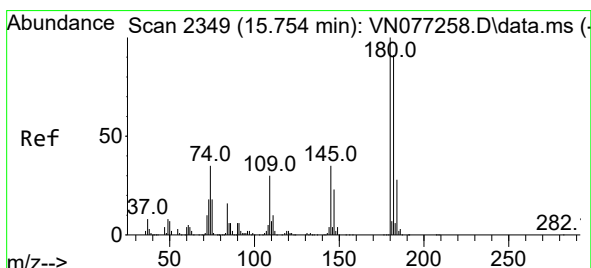
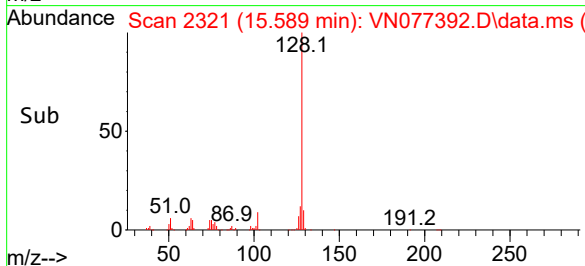
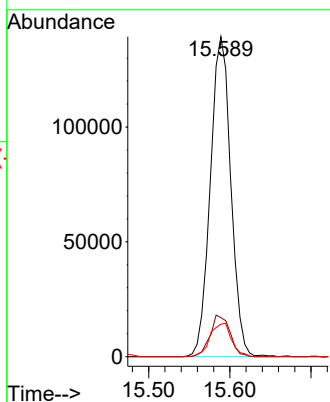
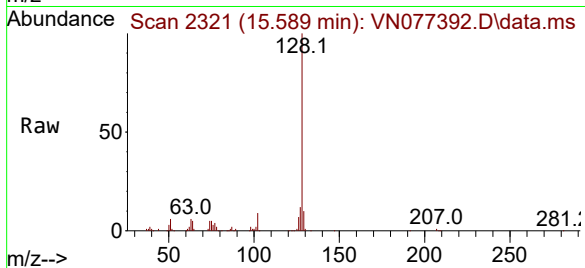
Tgt Ion:	128	Resp:	24480
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.364 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077392.D

Acq: 20 Apr 2023 11:44

Tgt Ion:	180	Resp:	66352
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.9	140.8
145	34.4	17.6	52.8

