

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076919.D
 Acq On : 10 Mar 2023 12:34
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 10 13:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	408798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	686589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	603683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	275211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123119	21.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.960%#		
35) Dibromofluoromethane	8.172	113	87997	20.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.980%#		
50) Toluene-d8	10.572	98	339787	20.534	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.060%#		
62) 4-Bromofluorobenzene	12.854	95	123833	21.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	43.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	156609	32.923	ug/l	97
3) Chloromethane	2.378	50	76039	12.154	ug/l	99
4) Vinyl Chloride	2.531	62	73260	12.775	ug/l	98
5) Bromomethane	2.972	94	52203	13.854	ug/l	98
6) Chloroethane	3.137	64	46295	11.858	ug/l	95
7) Trichlorofluoromethane	3.513	101	190366	22.751	ug/l	100
8) Diethyl Ether	3.972	74	60046	18.656	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.390	101	98127	20.057	ug/l	99
10) Methyl Iodide	4.601	142	103344	20.253	ug/l #	88
11) Tert butyl alcohol	5.531	59	83598	98.223	ug/l	98
12) 1,1-Dichloroethene	4.360	96	89265	19.567	ug/l	97
13) Acrolein	4.195	56	74288	67.471	ug/l	98
14) Allyl chloride	5.042	41	127149	16.694	ug/l #	87
15) Acrylonitrile	5.731	53	231916	84.730	ug/l	99
16) Acetone	4.443	43	202822	81.070	ug/l	94
17) Carbon Disulfide	4.725	76	242504	19.581	ug/l	98
18) Methyl Acetate	5.042	43	149818	17.476	ug/l #	88
19) Methyl tert-butyl Ether	5.807	73	325596	20.814	ug/l	100
20) Methylene Chloride	5.295	84	101477	17.385	ug/l	91
21) trans-1,2-Dichloroethene	5.801	96	96108	19.484	ug/l	87
22) Diisopropyl ether	6.678	45	288867	16.858	ug/l #	94
23) Vinyl Acetate	6.613	43	902376	82.677	ug/l #	92
24) 1,1-Dichloroethane	6.584	63	179450	18.365	ug/l	97
25) 2-Butanone	7.489	43	301383	82.467	ug/l	89
26) 2,2-Dichloropropane	7.495	77	156871	21.923	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	110858	19.185	ug/l	89
28) Bromochloromethane	7.819	49	66371	16.063	ug/l	89
29) Tetrahydrofuran	7.848	42	193342	82.009	ug/l	86
30) Chloroform	7.978	83	193622	19.952	ug/l	97
31) Cyclohexane	8.266	56	177871	18.371	ug/l	85
32) 1,1,1-Trichloroethane	8.178	97	181860	21.640	ug/l	96
36) 1,1-Dichloropropene	8.378	75	141396	20.482	ug/l	94
37) Ethyl Acetate	7.566	43	123592	17.442	ug/l	94
38) Carbon Tetrachloride	8.372	117	162680	23.197	ug/l	98
39) Methylcyclohexane	9.607	83	178546	20.983	ug/l #	89
40) Benzene	8.613	78	412110	19.597	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	66579	17.206	ug/l	87
42) 1,2-Dichloroethane	8.678	62	159281	21.744	ug/l	94
43) Isopropyl Acetate	8.695	43	198419	18.291	ug/l	93
44) Trichloroethene	9.354	130	101703	20.398	ug/l	98
45) 1,2-Dichloropropane	9.625	63	102264	18.819	ug/l	98
46) Dibromomethane	9.713	93	70635	20.465	ug/l	96
47) Bromodichloromethane	9.889	83	150395	21.196	ug/l	98
48) Methyl methacrylate	9.683	41	96743	18.353	ug/l	85
49) 1,4-Dioxane	9.695	88	37559	388.755	ug/l	88
51) 4-Methyl-2-Pentanone	10.448	43	605303	88.464	ug/l	95
52) Toluene	10.636	92	258030	20.607	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	149991	21.807	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	165859	20.994	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	97193	19.513	ug/l	95
56) Ethyl methacrylate	10.877	69	151575	20.424	ug/l #	86
57) 1,3-Dichloropropane	11.166	76	172333	19.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	238967	92.931	ug/l	95
59) 2-Hexanone	11.195	43	449376	90.635	ug/l	91
60) Dibromochloromethane	11.360	129	111972	22.813	ug/l	95
61) 1,2-Dibromoethane	11.471	107	98291	20.531	ug/l	97
64) Tetrachloroethene	11.107	164	97245	21.646	ug/l	97
65) Chlorobenzene	11.895	112	263517	20.199	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	104038	22.045	ug/l	97
67) Ethyl Benzene	11.966	91	504087	21.280	ug/l	95
68) m/p-Xylenes	12.071	106	378171	42.431	ug/l	89
69) o-Xylene	12.401	106	182689	20.815	ug/l	81
70) Styrene	12.413	104	305812	22.224	ug/l	94
71) Bromoform	12.583	173	76272	23.744	ug/l #	97
73) Isopropylbenzene	12.701	105	498487	20.780	ug/l	95
74) N-amyl acetate	12.495	43	160554	17.113	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.942	83	141416	18.394	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	143813m	20.720	ug/l	
77) Bromobenzene	12.983	156	108295	20.400	ug/l	94
78) n-propylbenzene	13.036	91	561663	20.531	ug/l	96
79) 2-Chlorotoluene	13.124	91	356895	20.337	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	437130	21.741	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.742	75	41275	19.613	ug/l	90
82) 4-Chlorotoluene	13.224	91	341668	20.537	ug/l	91
83) tert-Butylbenzene	13.442	119	365352	21.265	ug/l	91
84) 1,2,4-Trimethylbenzene	13.483	105	436138	21.991	ug/l	92
85) sec-Butylbenzene	13.618	105	503693	20.998	ug/l	96
86) p-Isopropyltoluene	13.730	119	413536	21.553	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	194141	20.029	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	187620	19.063	ug/l	96
89) n-Butylbenzene	14.060	91	329591	19.884	ug/l	97
90) Hexachloroethane	14.336	117	73306	21.146	ug/l	87
91) 1,2-Dichlorobenzene	14.107	146	197484	20.113	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	29803	20.458	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	103550	21.081	ug/l	98
94) Hexachlorobutadiene	15.507	225	57657	22.544	ug/l	97
95) Naphthalene	15.642	128	332247	21.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	106315	22.021	ug/l	99

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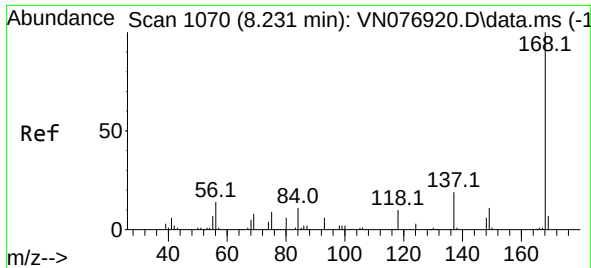
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/13/2023

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Quant Title : SW846 8260
QLast Update : Fri Mar 10 11:43:29 2023
Response via : Initial Calibration

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



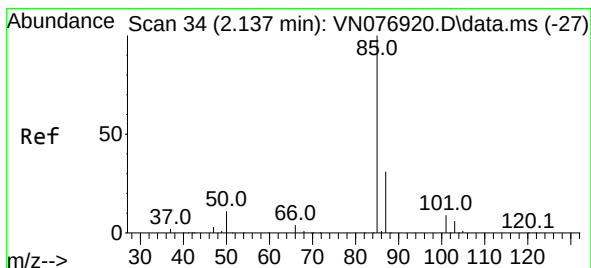
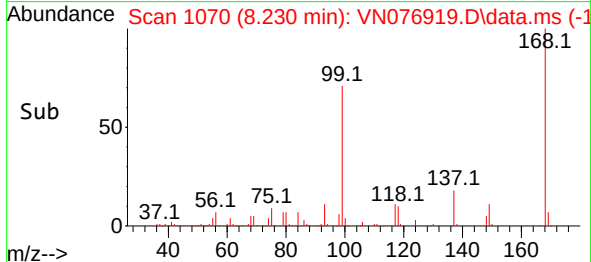
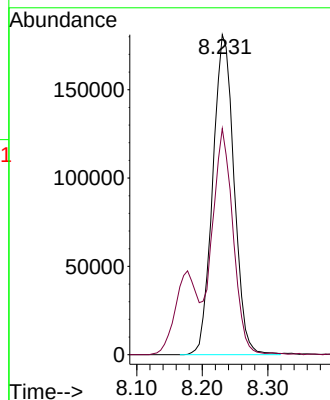
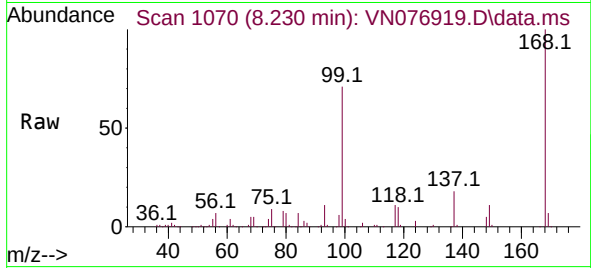
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076919.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 408798
Ion Ratio Lower Upper
168 100
99 70.2 48.6 73.0

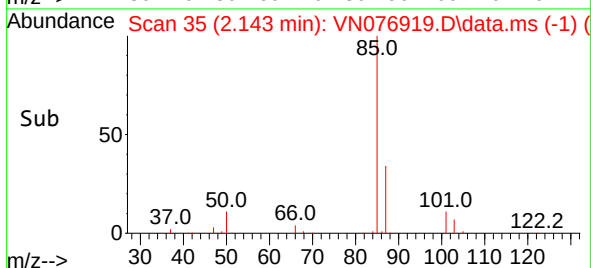
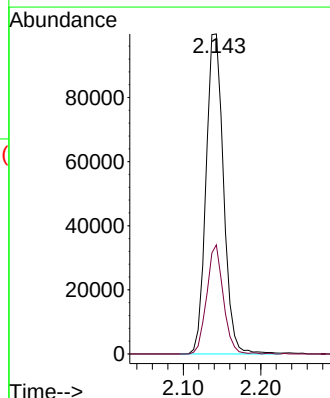
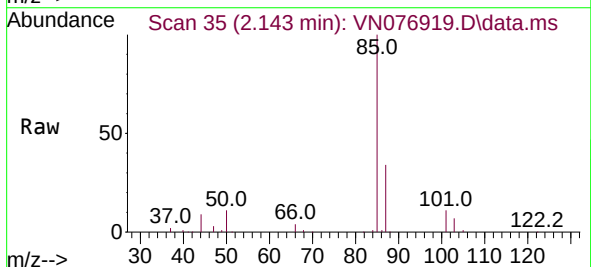
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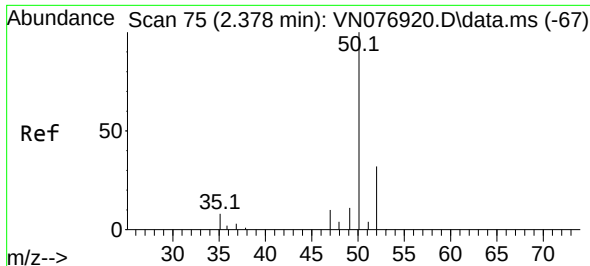
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 32.923 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

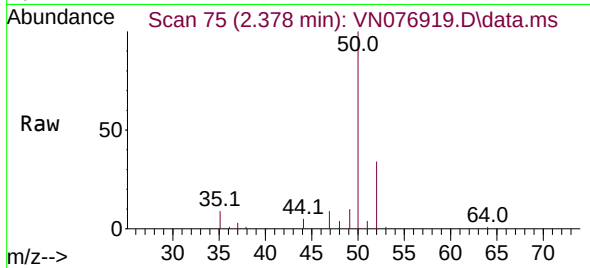
Tgt Ion: 85 Resp: 156609
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6





#3
Chloromethane
Concen: 12.154 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

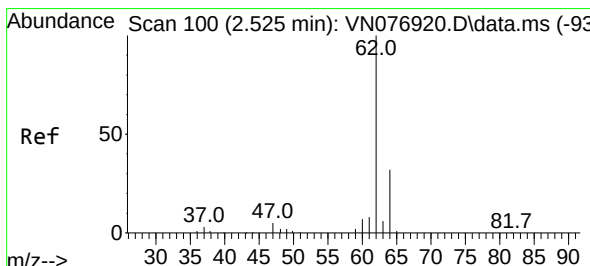
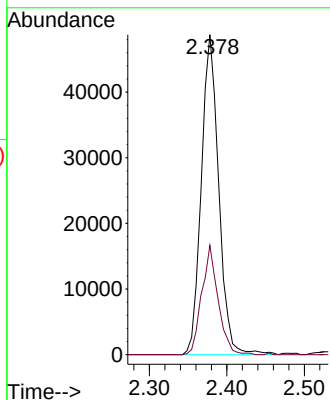
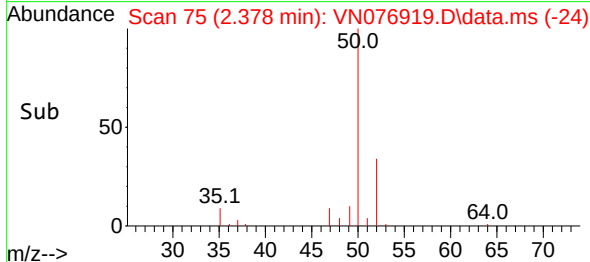
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VSTDIC020



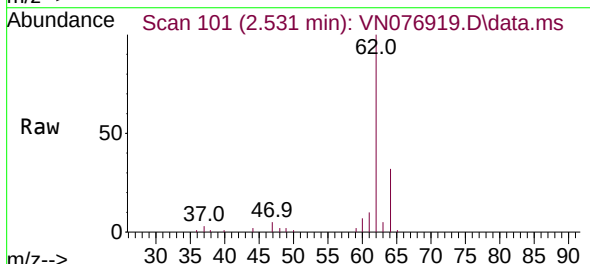
Tgt Ion: 50 Resp: 76039
Ion Ratio Lower Upper
50 100
52 34.1 27.9 41.9

Manual Integrations
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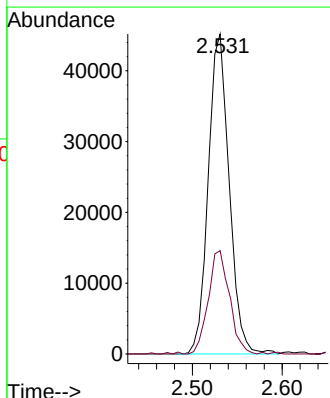
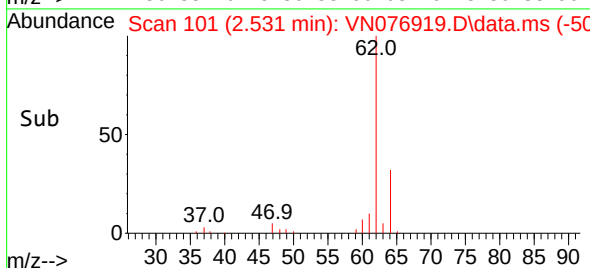
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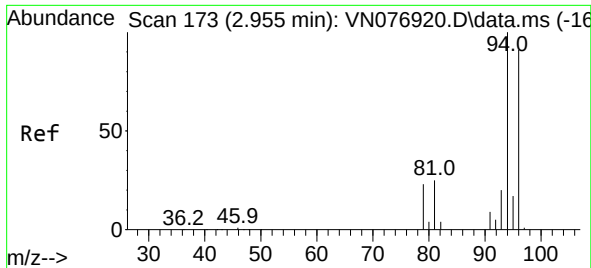


#4
Vinyl Chloride
Concen: 12.775 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion: 62 Resp: 73260
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7





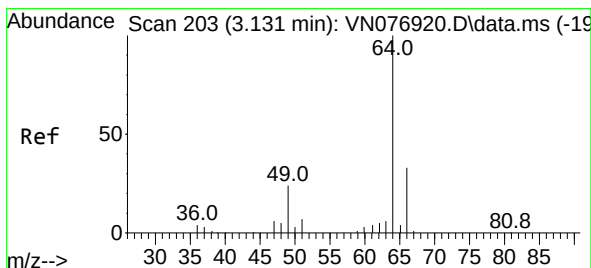
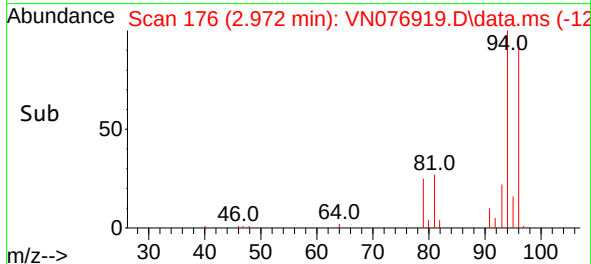
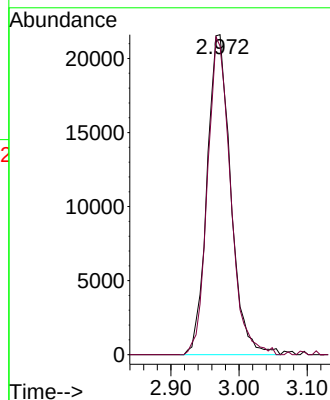
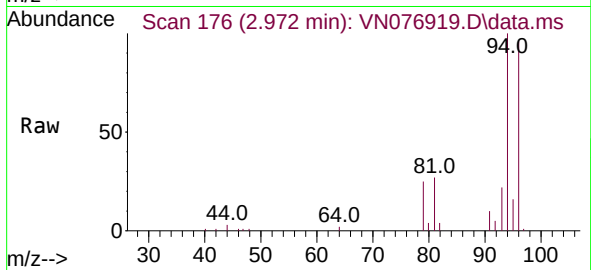
#5
Bromomethane
Concen: 13.854 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5220
Ion Ratio Lower Upper
94 100
96 96.4 79.0 118.6

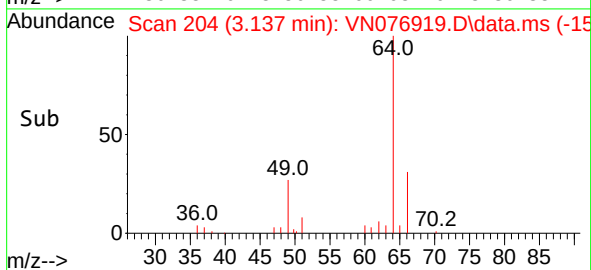
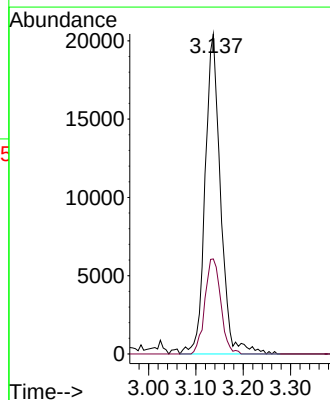
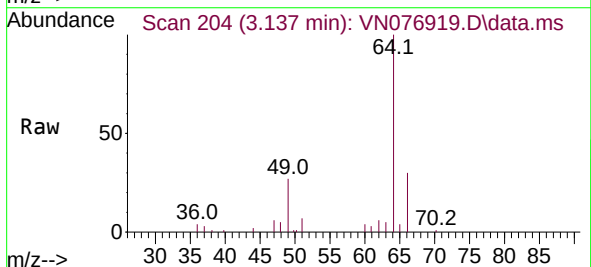
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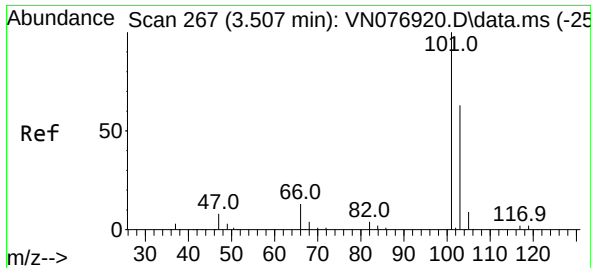
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#6
Chloroethane
Concen: 11.858 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion: 64 Resp: 46295
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4





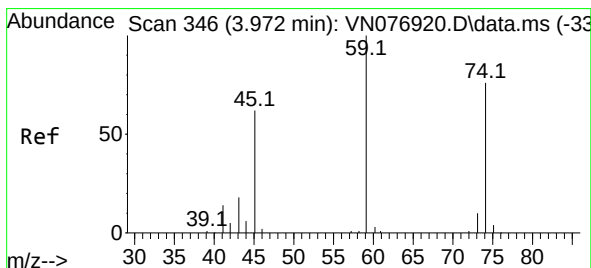
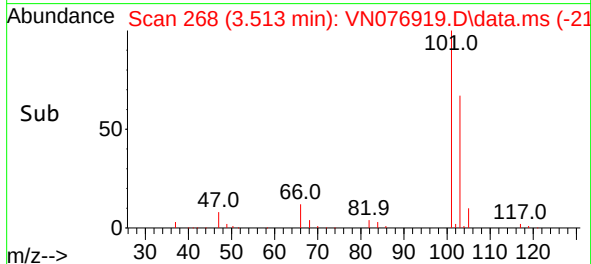
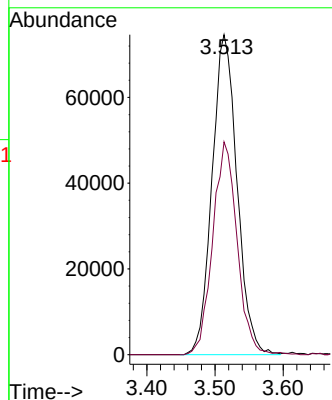
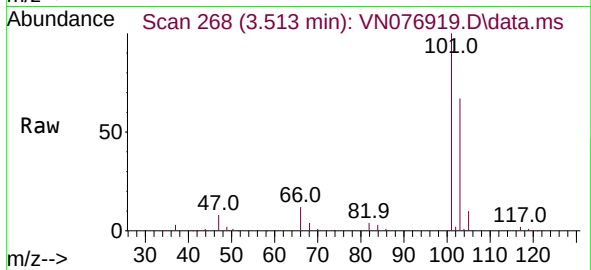
#7
Trichlorofluoromethane
Concen: 22.751 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 190360
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.0

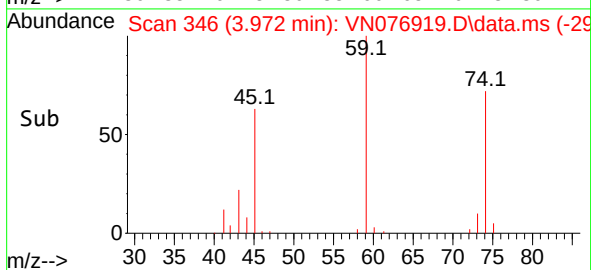
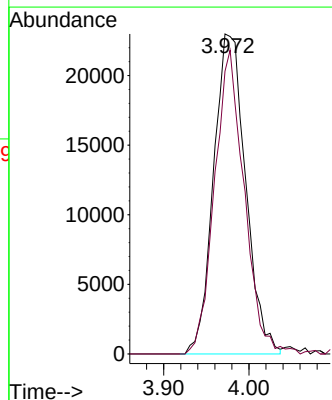
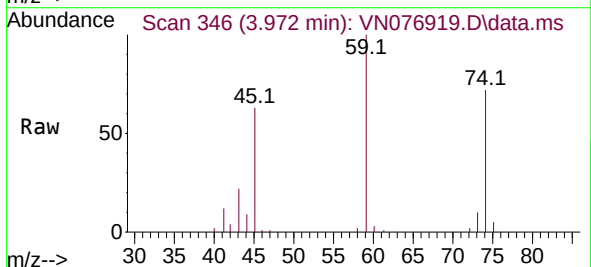
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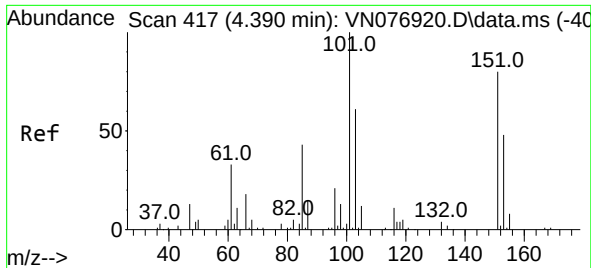
Reviewed By :John Carlone 03/13/2023
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#8
Diethyl Ether
Concen: 18.656 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion: 74 Resp: 60046
Ion Ratio Lower Upper
74 100
45 87.9 35.5 106.5





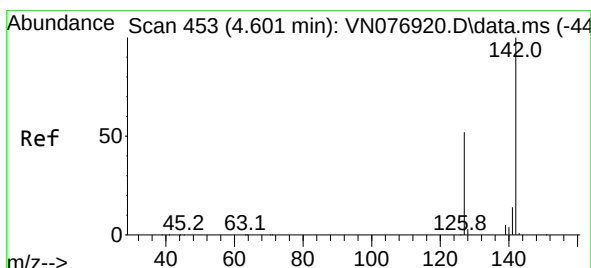
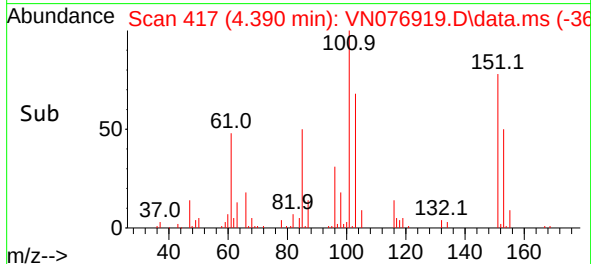
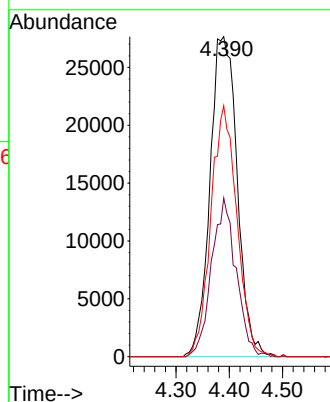
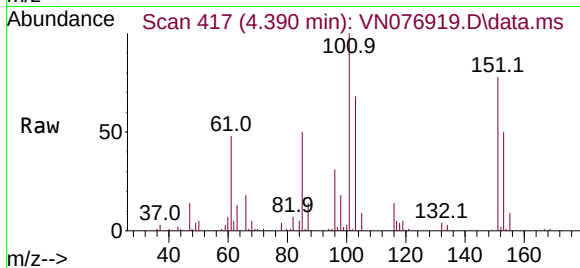
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.057 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 9812
Ion Ratio Lower Upper
101 100
85 44.7 35.2 52.8
151 74.8 58.9 88.3

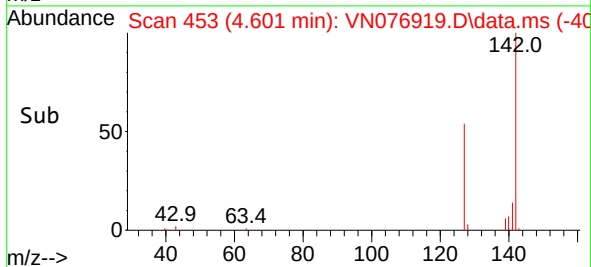
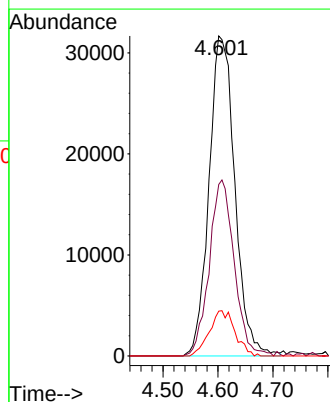
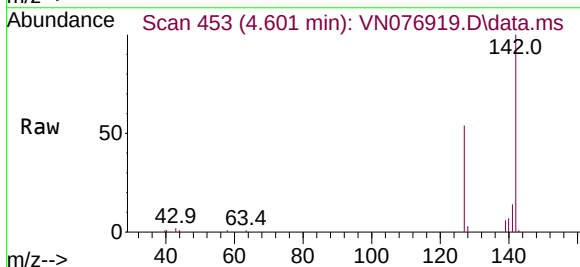
Manual Integrations
APPROVED

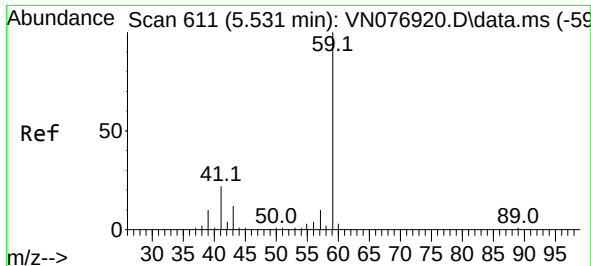
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 20.253 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

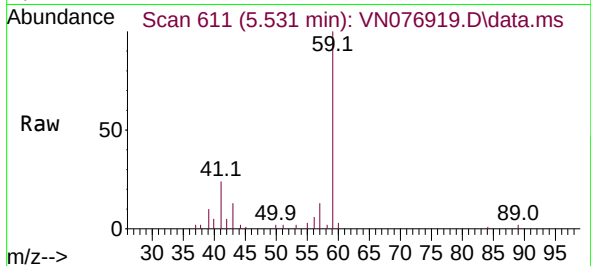
Tgt Ion:142 Resp: 103344
Ion Ratio Lower Upper
142 100
127 53.6 35.2 52.8#
141 14.0 10.2 15.2





#11
Tert butyl alcohol
Concen: 98.223 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

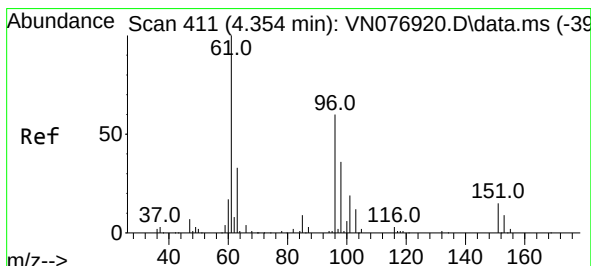
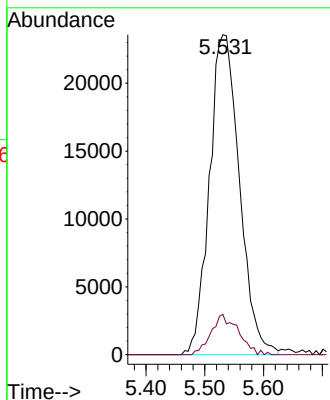
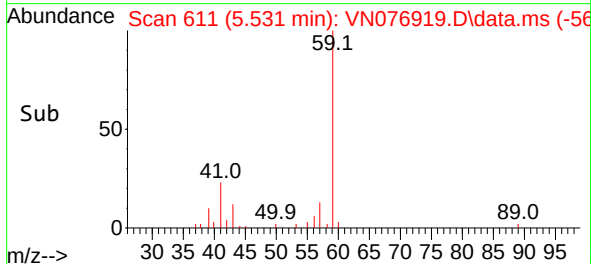
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



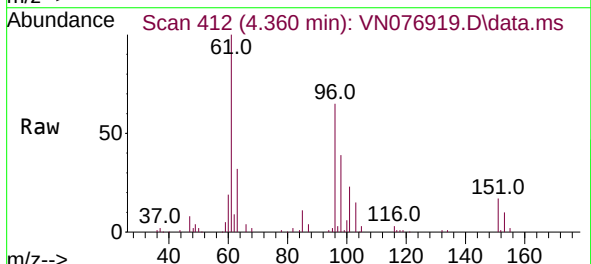
Tgt Ion: 59 Resp: 83598
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

Manual Integrations
APPROVED

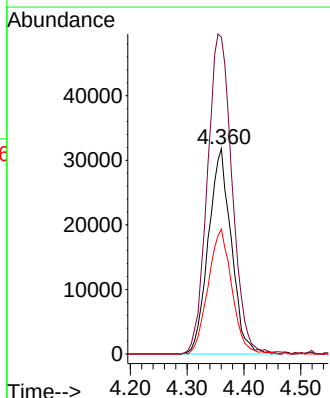
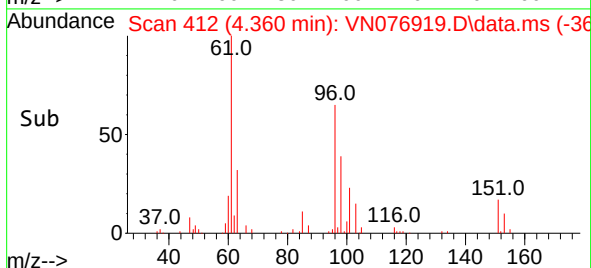
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

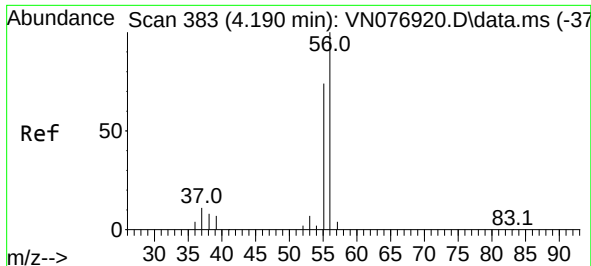


#12
1,1-Dichloroethene
Concen: 19.567 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



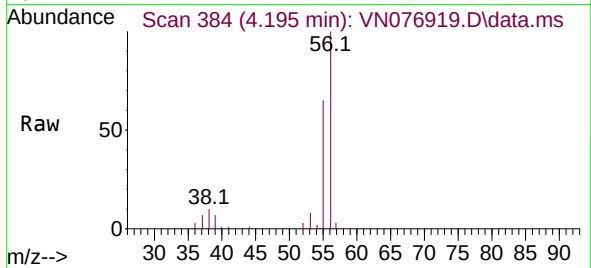
Tgt Ion: 96 Resp: 89265
Ion Ratio Lower Upper
96 100
61 154.2 121.3 181.9
98 60.8 52.1 78.1





#13
Acrolein
Concen: 67.471 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

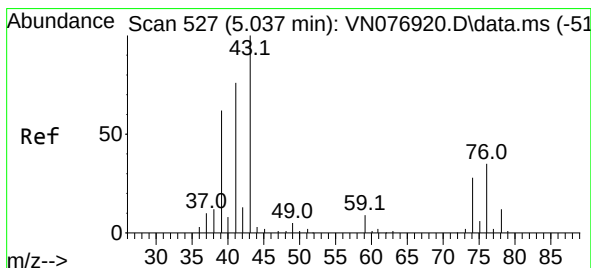
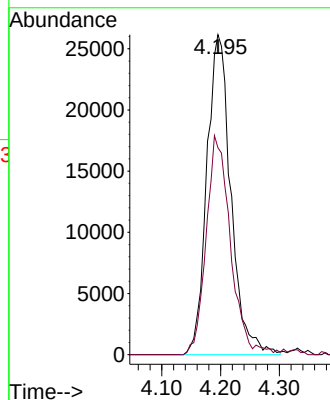
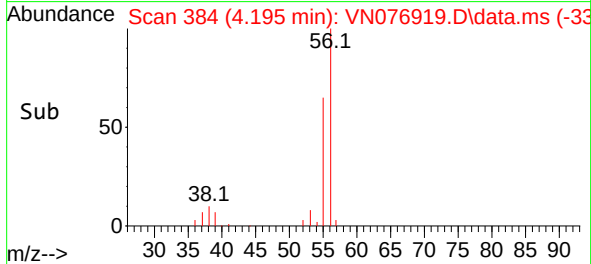
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



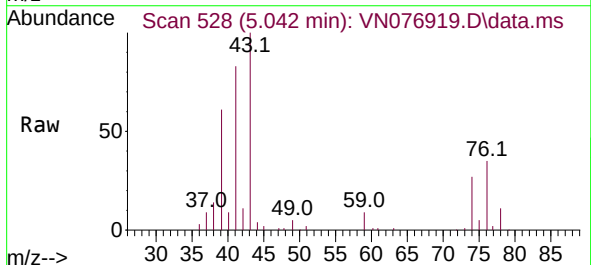
Tgt Ion: 56 Resp: 7428
Ion Ratio Lower Upper
56 100
55 69.0 56.7 85.1

Manual Integrations
APPROVED

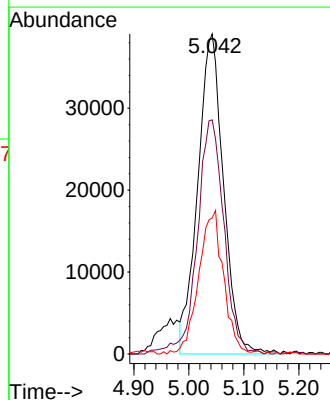
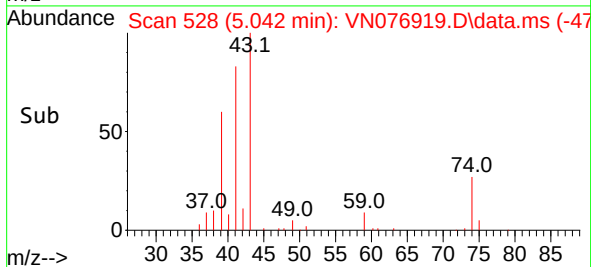
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

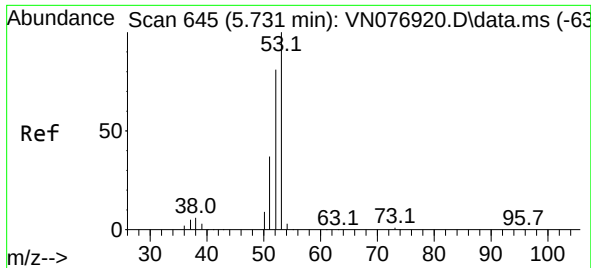


#14
Allyl chloride
Concen: 16.694 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



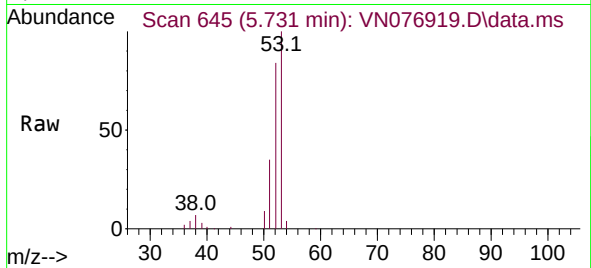
Tgt Ion: 41 Resp: 127149
Ion Ratio Lower Upper
41 100
39 75.6 68.1 102.1
76 43.1 44.1 66.1#





#15
Acrylonitrile
Concen: 84.730 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

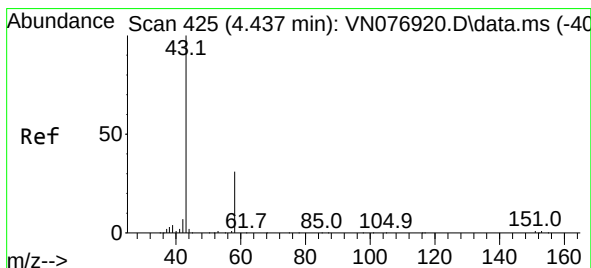
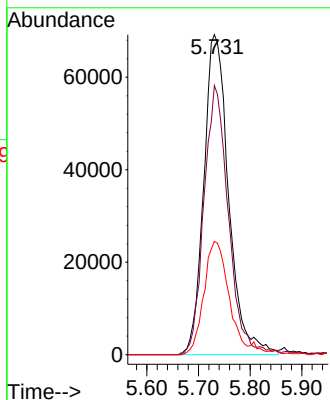
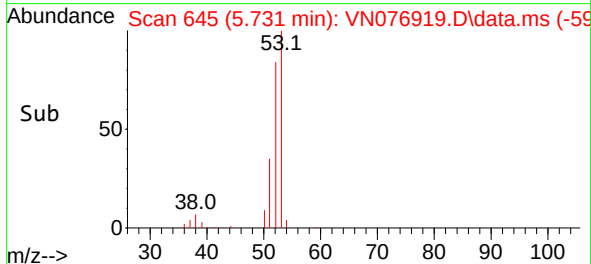
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



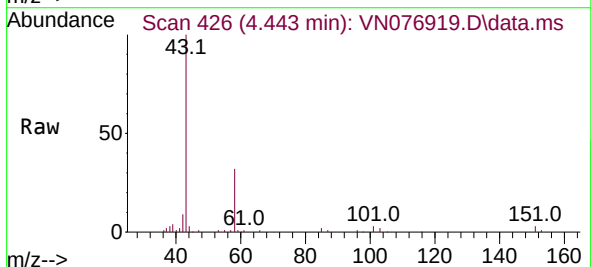
Tgt Ion: 53 Resp: 231910
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 35.1 28.8 43.2

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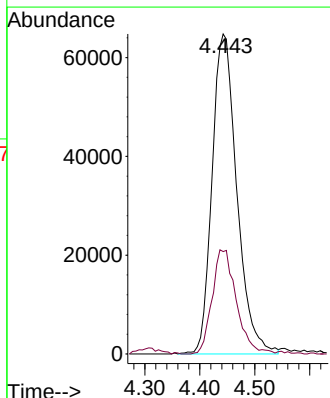
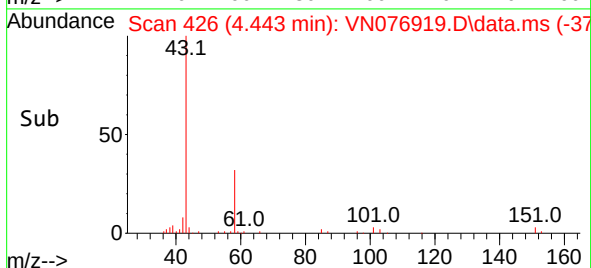
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

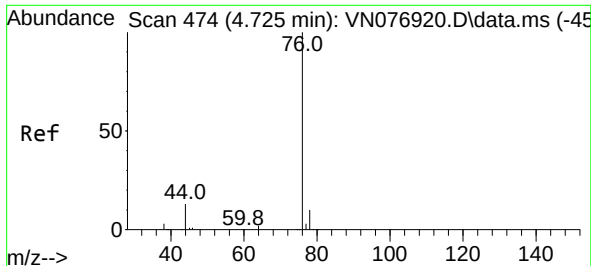


#16
Acetone
Concen: 81.070 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



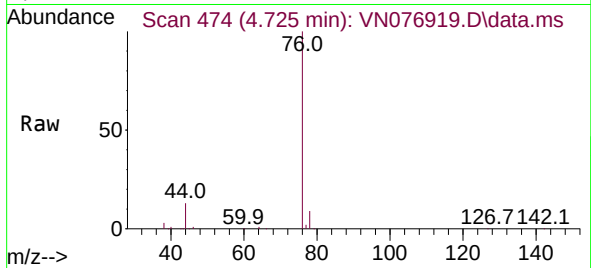
Tgt Ion: 43 Resp: 202822
Ion Ratio Lower Upper
43 100
58 31.9 28.2 42.2





#17
Carbon Disulfide
Concen: 19.581 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

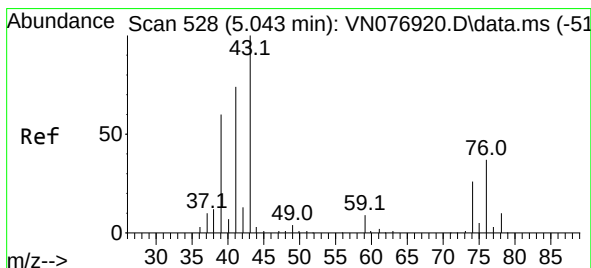
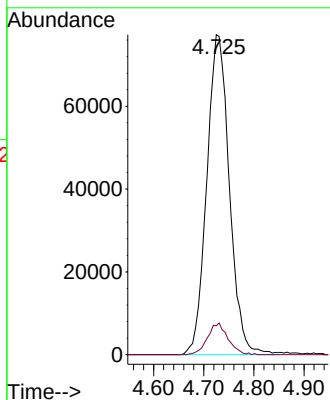
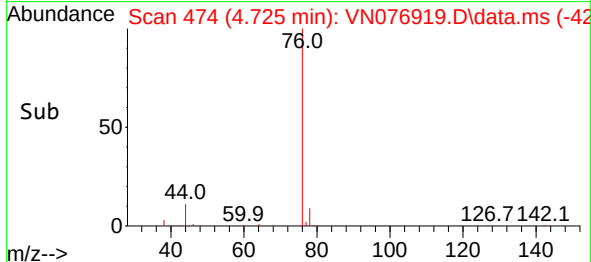
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



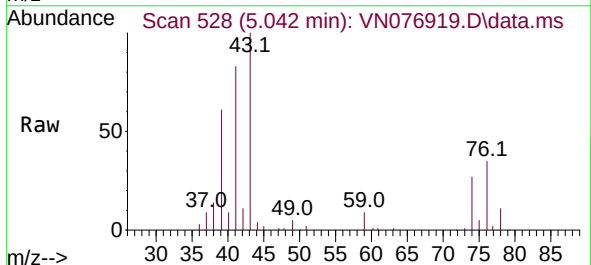
Tgt Ion: 76 Resp: 242504
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

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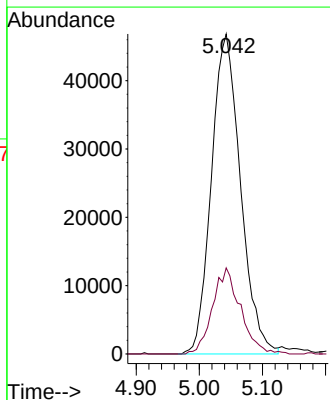
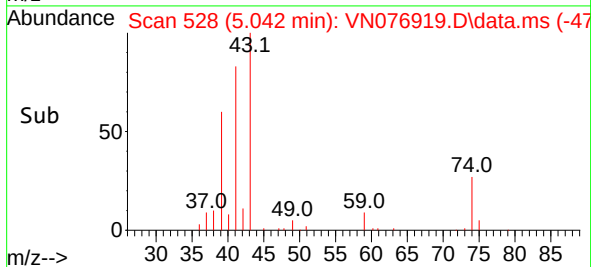
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

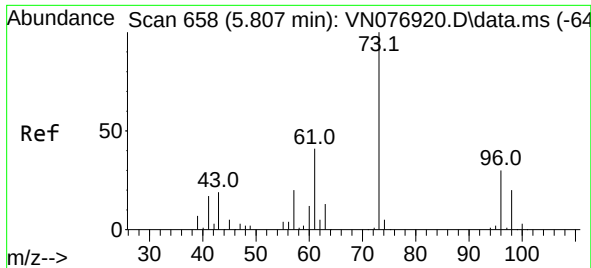


#18
Methyl Acetate
Concen: 17.476 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



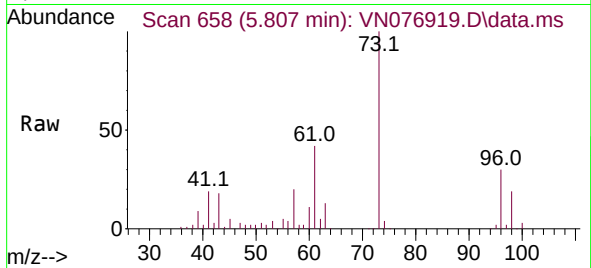
Tgt Ion: 43 Resp: 149818
Ion Ratio Lower Upper
43 100
74 25.8 25.9 38.9#





#19
Methyl tert-butyl Ether
Concen: 20.814 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

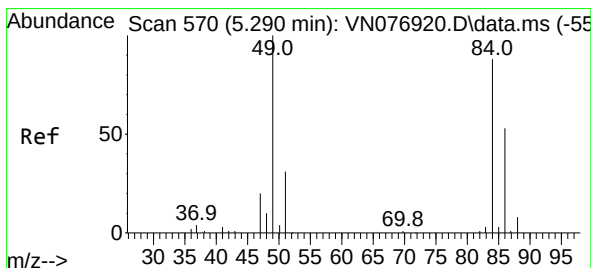
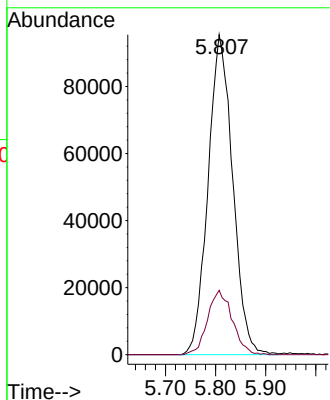
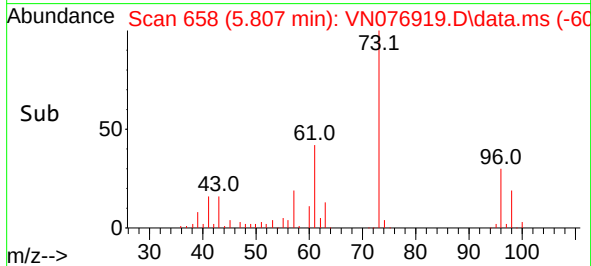
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



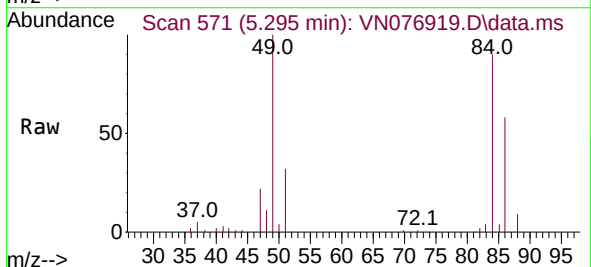
Tgt Ion: 73 Resp: 325590
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

Manual Integrations
APPROVED

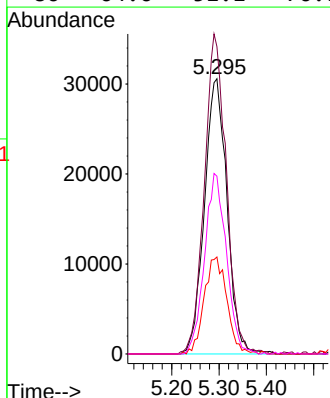
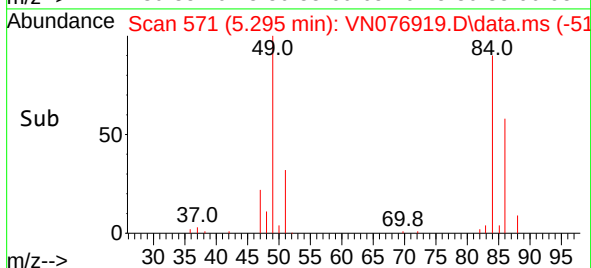
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

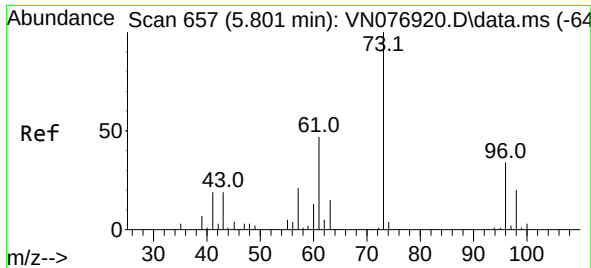


#20
Methylene Chloride
Concen: 17.385 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion: 84 Resp: 101477
Ion Ratio Lower Upper
84 100
49 111.7 76.6 114.8
51 35.2 25.4 38.2
86 64.6 51.1 76.7





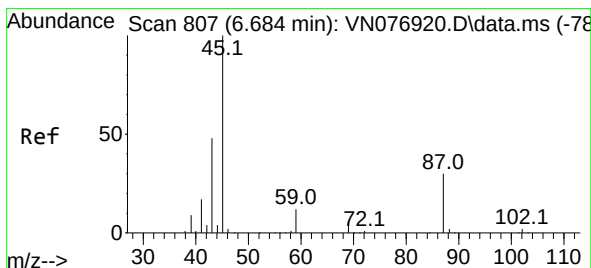
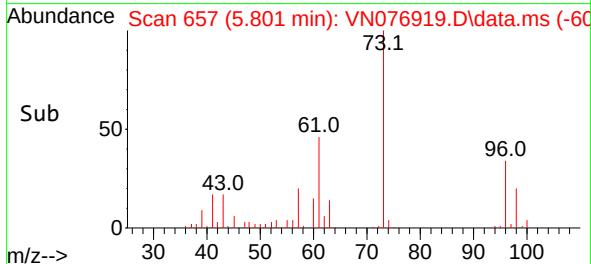
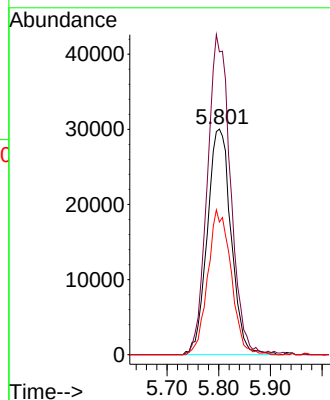
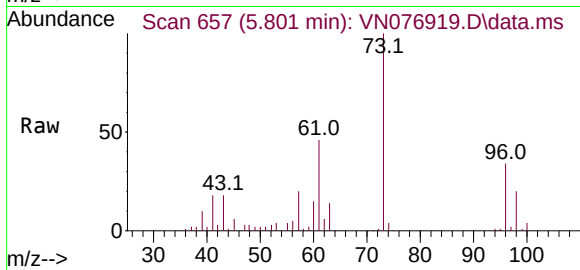
#21
trans-1,2-Dichloroethene
Concen: 19.484 ug/l
RT: 5.801 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 96108
Ion Ratio Lower Upper
96 100
61 134.3 95.0 142.6
98 58.8 54.5 81.7

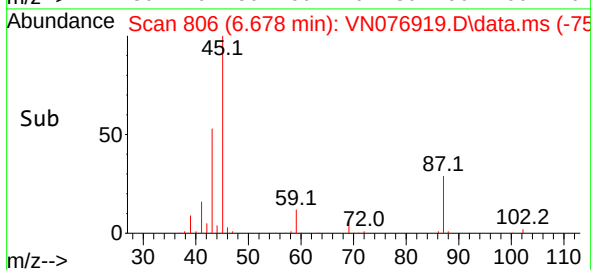
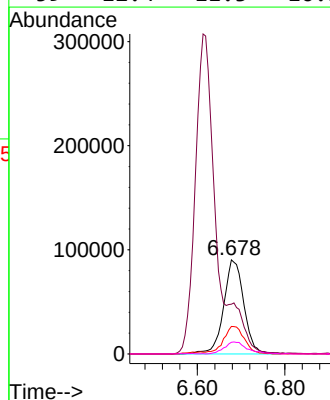
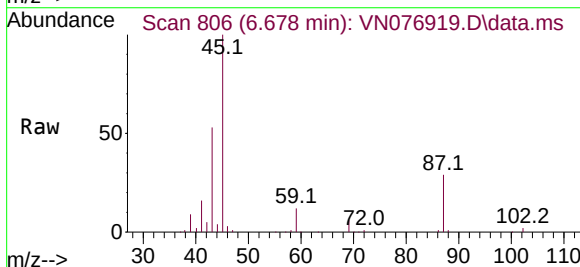
Manual Integrations
APPROVED

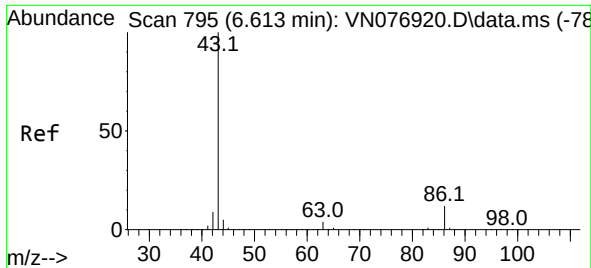
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 16.858 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion: 45 Resp: 288867
Ion Ratio Lower Upper
45 100
43 52.1 42.6 63.8
87 29.3 29.7 44.5#
59 12.4 11.3 16.9





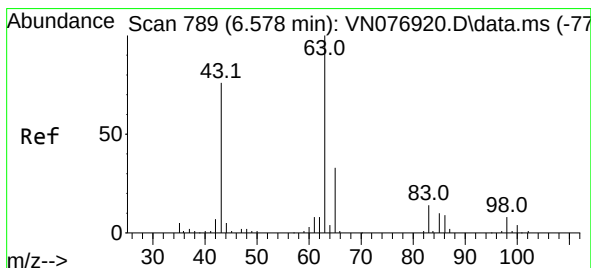
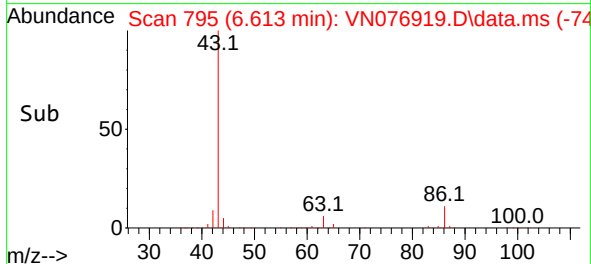
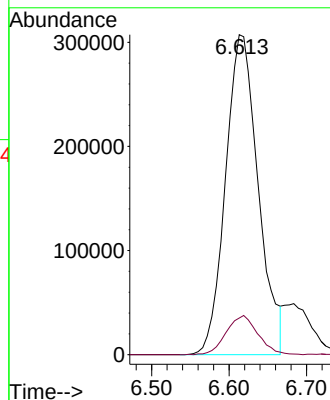
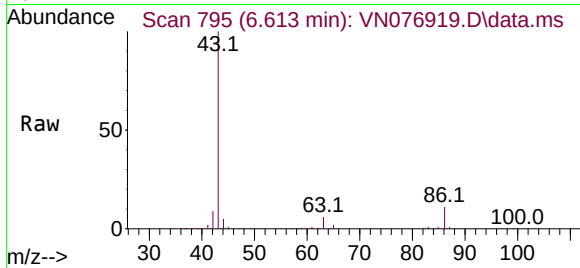
#23
 Vinyl Acetate
 Concen: 82.677 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 902370
 Ion Ratio Lower Upper
 43 100
 86 11.5 11.8 17.6

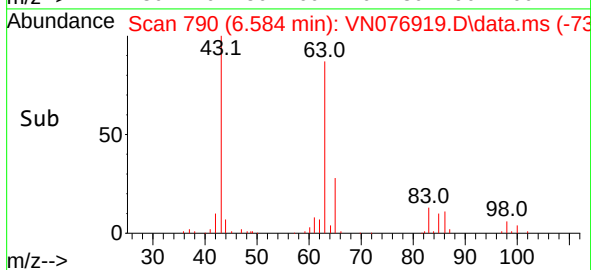
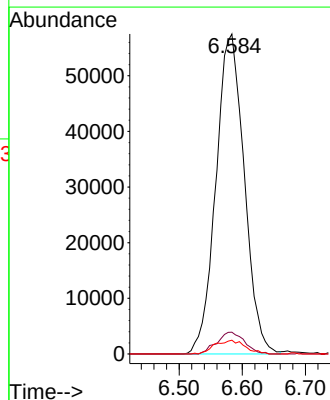
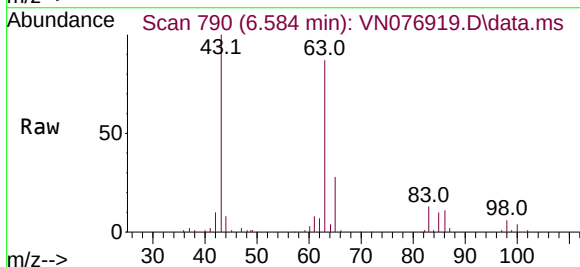
Manual Integrations
 APPROVED

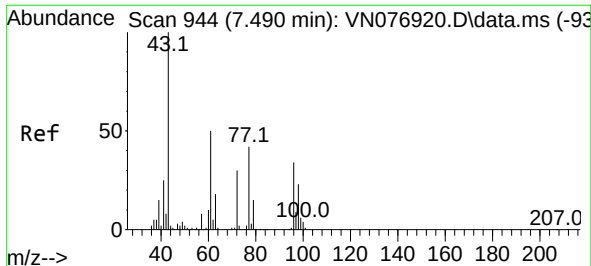
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.365 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

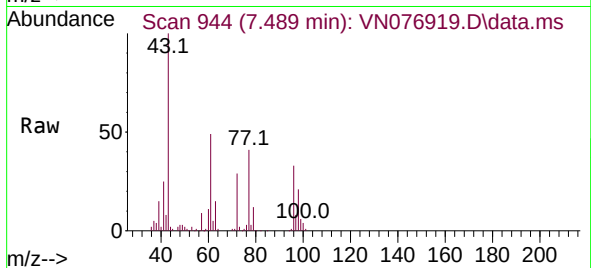
Tgt Ion: 63 Resp: 179450
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.2 12.6
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 82.467 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

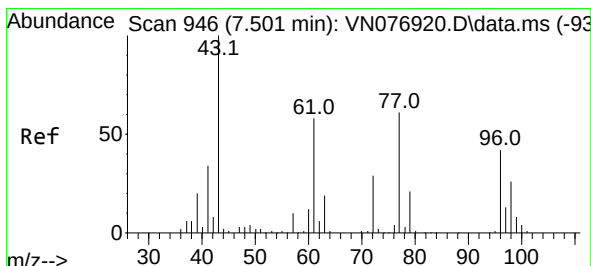
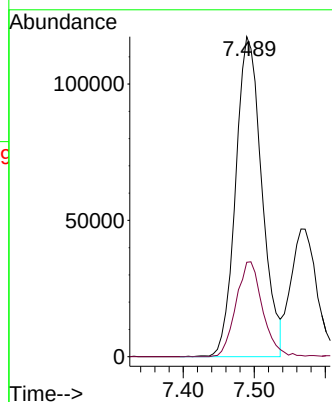
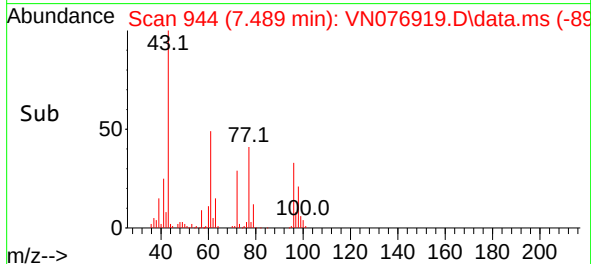
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



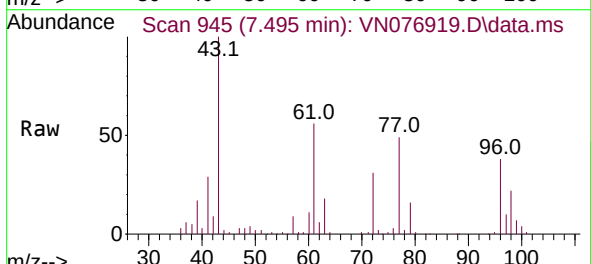
Tgt Ion: 43 Resp: 30138
Ion Ratio Lower Upper
43 100
72 29.5 28.8 43.2

Manual Integrations
APPROVED

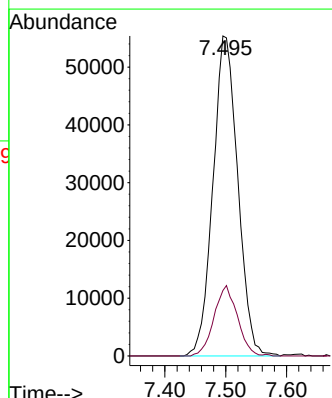
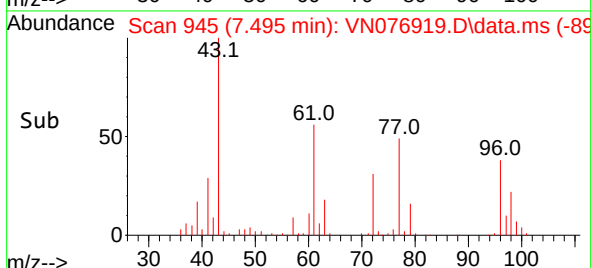
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

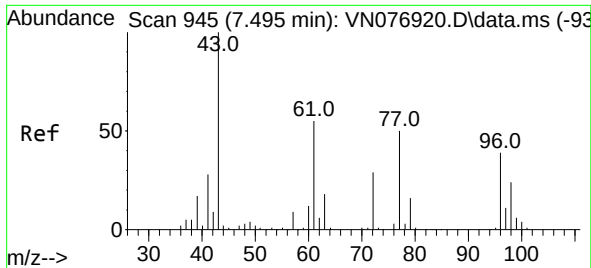


#26
2,2-Dichloropropane
Concen: 21.923 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



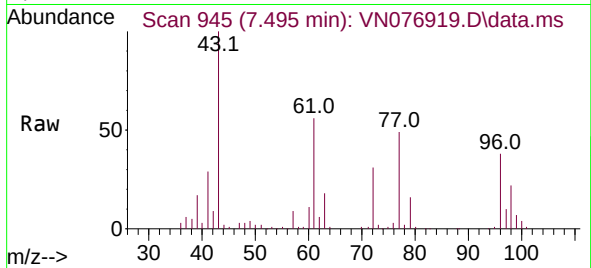
Tgt Ion: 77 Resp: 156871
Ion Ratio Lower Upper
77 100
97 20.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.185 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

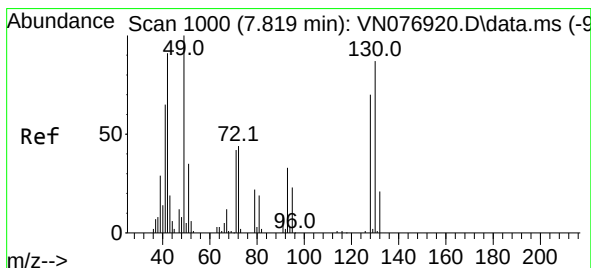
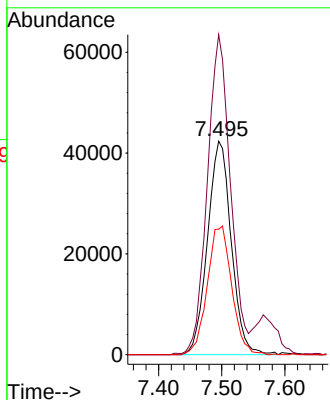
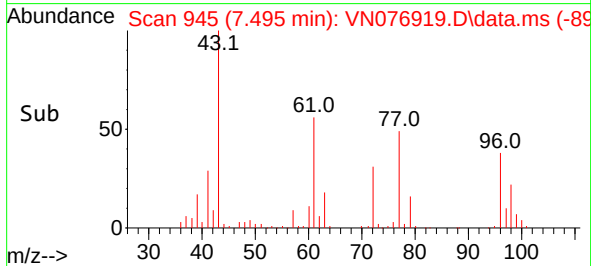
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 110858
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 255.6
 98 61.9 0.0 127.4

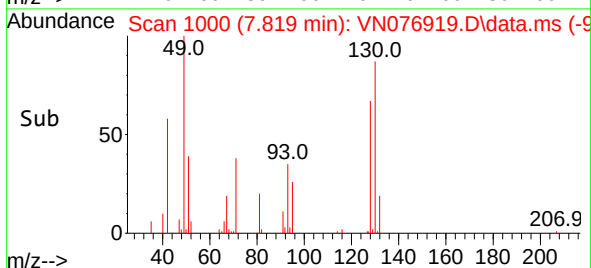
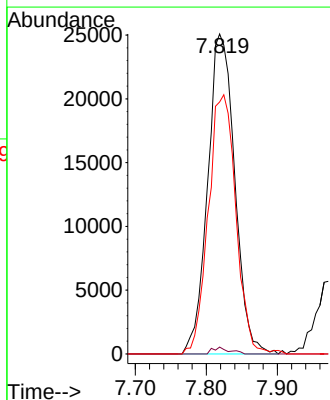
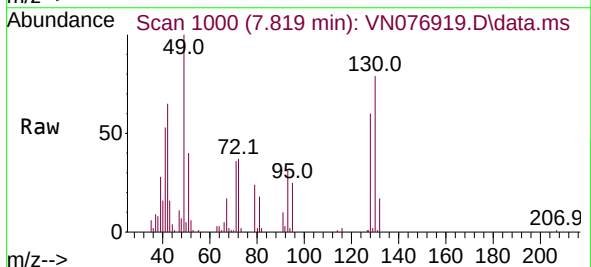
Manual Integrations
 APPROVED

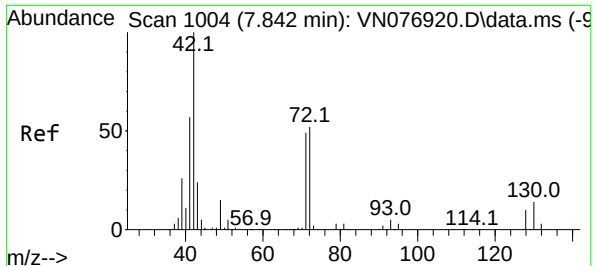
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#28
 Bromochloromethane
 Concen: 16.063 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

Tgt Ion: 49 Resp: 66371
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 82.3 74.8 112.2





#29

Tetrahydrofuran

Concen: 82.009 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 19334

Ion Ratio Lower Upper

42 100

72 49.7 48.6 73.0

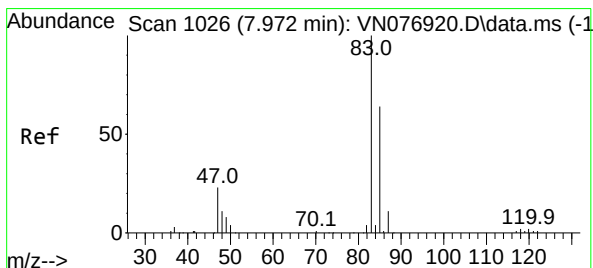
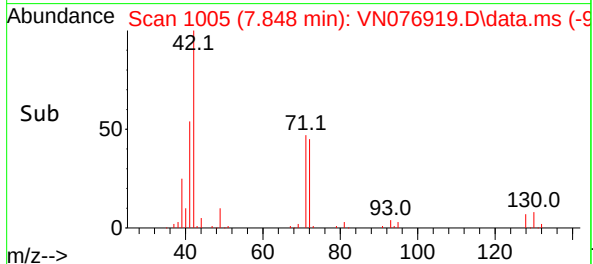
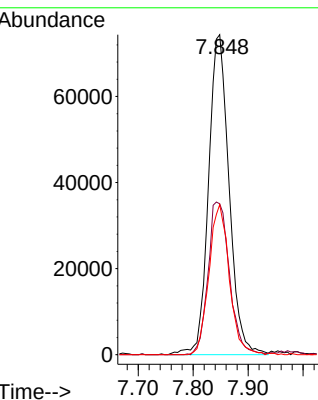
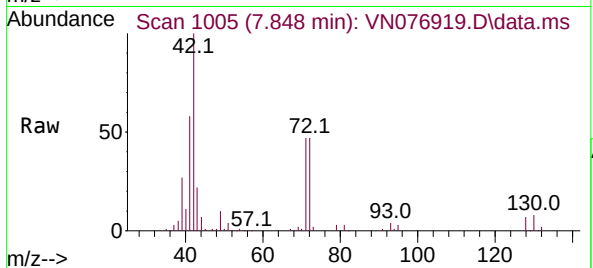
71 46.4 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 19.952 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN076919.D

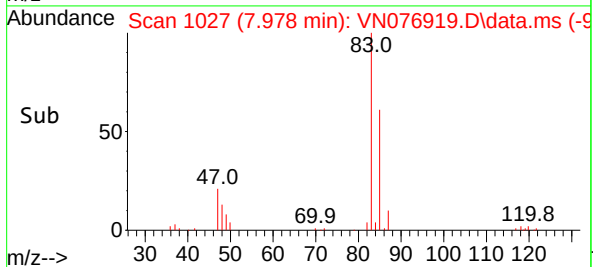
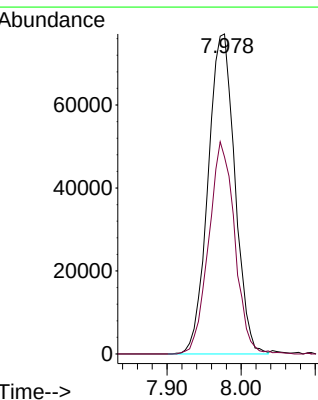
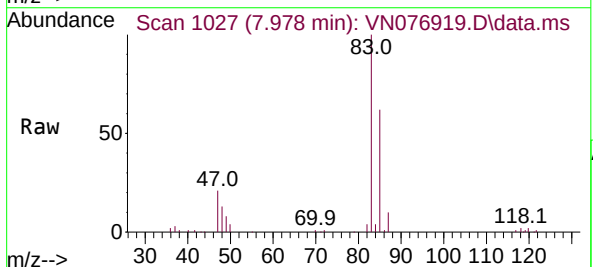
Acq: 10 Mar 2023 12:34

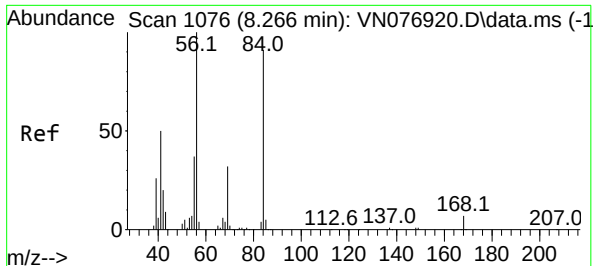
Tgt Ion: 83 Resp: 193622

Ion Ratio Lower Upper

83 100

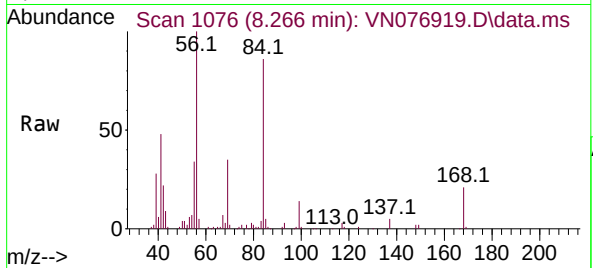
85 61.6 51.3 76.9





#31
Cyclohexane
Concen: 18.371 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

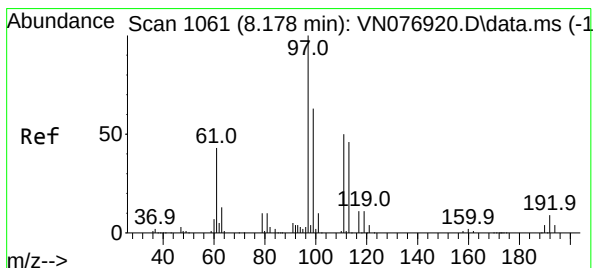
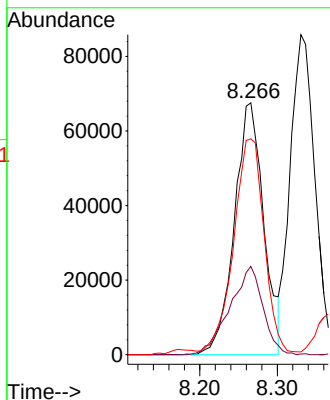
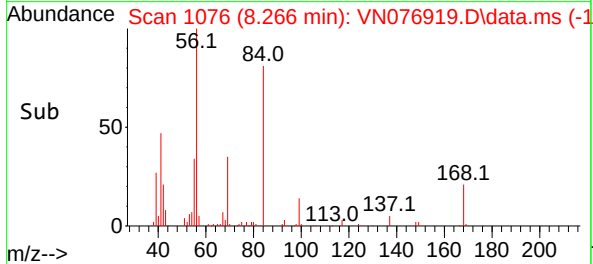
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



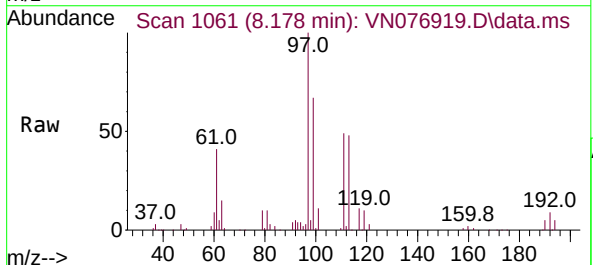
Tgt Ion: 56 Resp: 17787
Ion Ratio Lower Upper
56 100
69 35.1 27.0 40.6
84 83.6 82.9 124.3

Manual Integrations
APPROVED

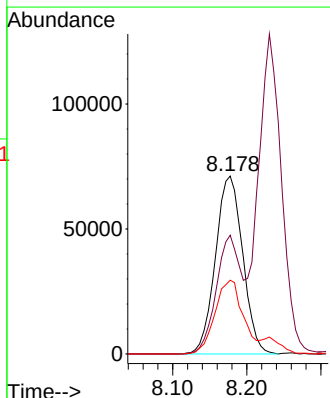
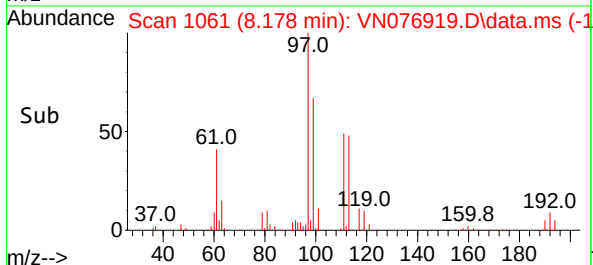
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

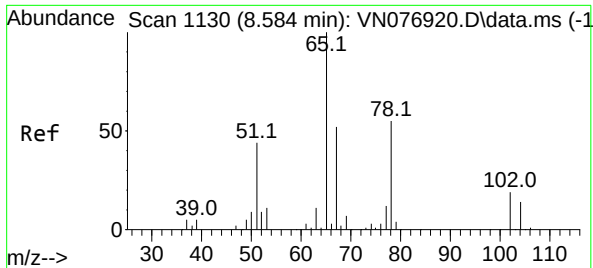


#32
1,1,1-Trichloroethane
Concen: 21.640 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion: 97 Resp: 181860
Ion Ratio Lower Upper
97 100
99 59.1 51.2 76.8
61 43.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 21.481 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 123119

Ion Ratio Lower Upper

65 100

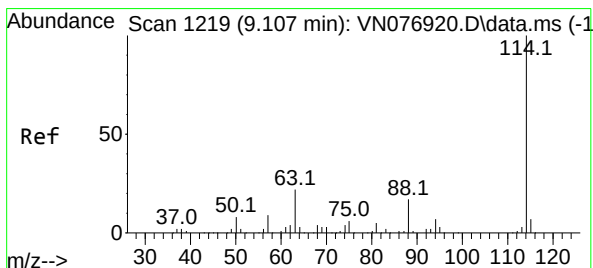
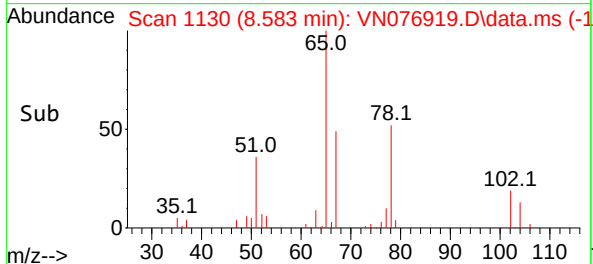
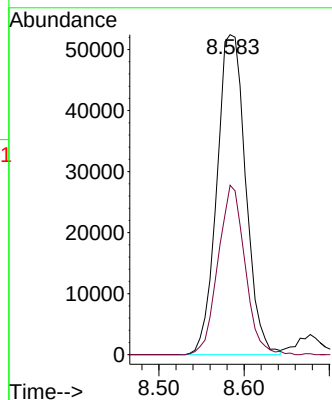
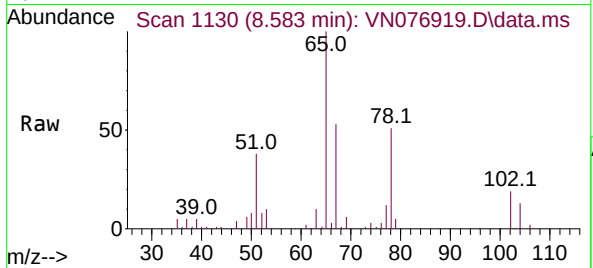
67 49.5 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

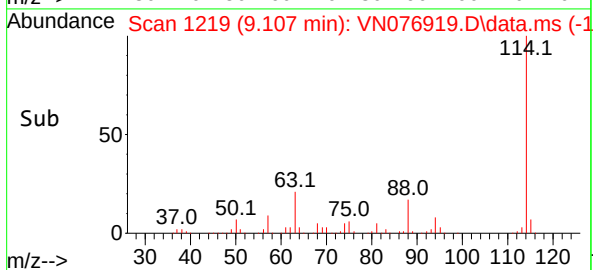
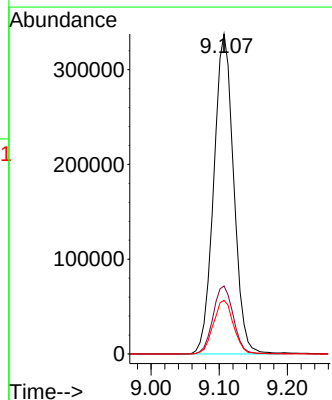
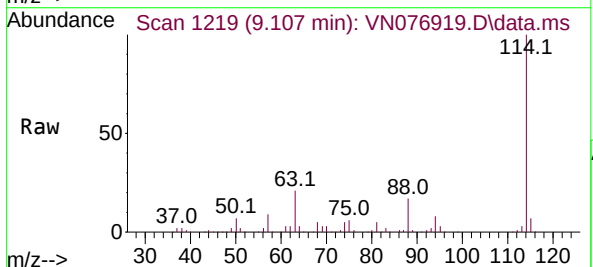
Tgt Ion:114 Resp: 686589

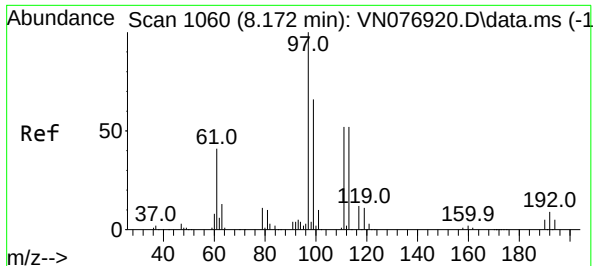
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 16.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 20.487 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

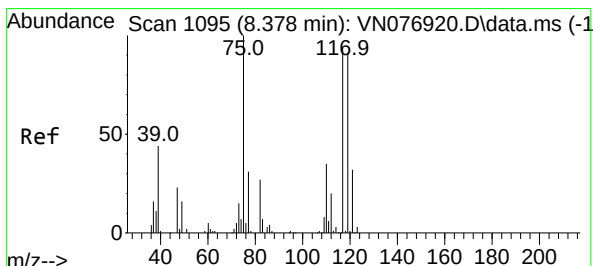
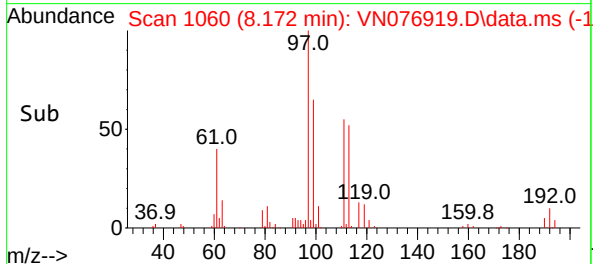
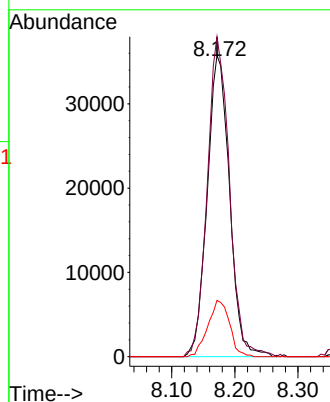
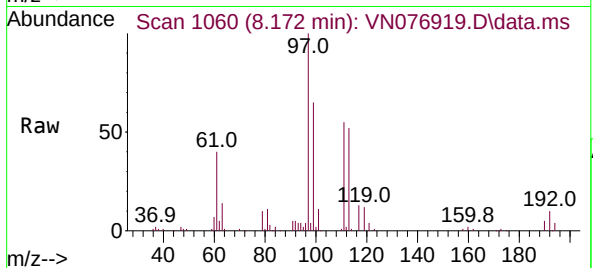
Tgt Ion:	113	Resp:	8799
Ion Ratio	Lower	Upper	
113	100		
111	105.2	81.8	122.8
192	18.2	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 20.482 ug/l

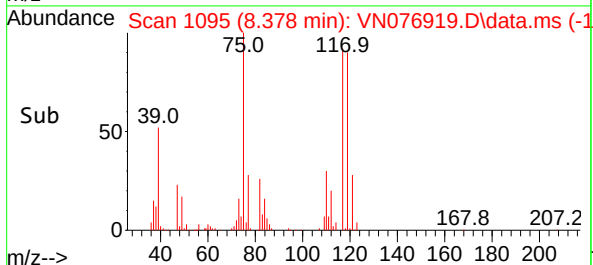
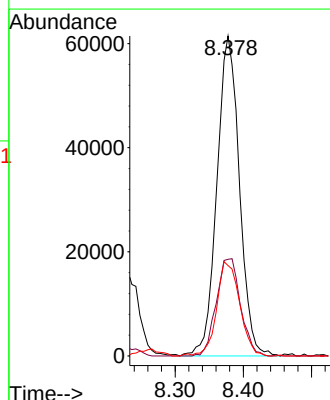
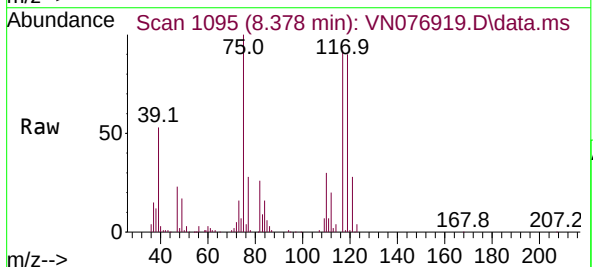
RT: 8.378 min Scan# 1095

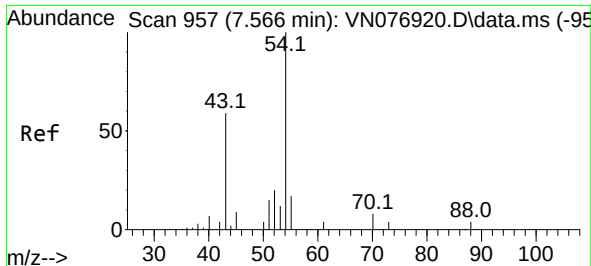
Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

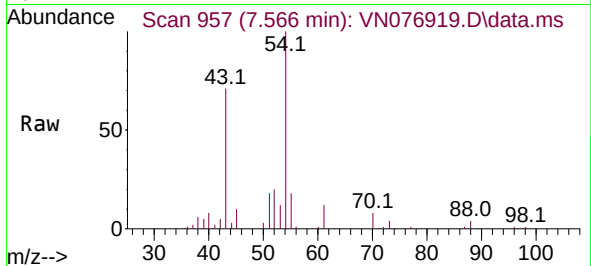
Tgt Ion:	75	Resp:	141396
Ion Ratio	Lower	Upper	
75	100		
110	32.7	18.9	56.9
77	30.1	24.9	37.3





#37
Ethyl Acetate
Concen: 17.442 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

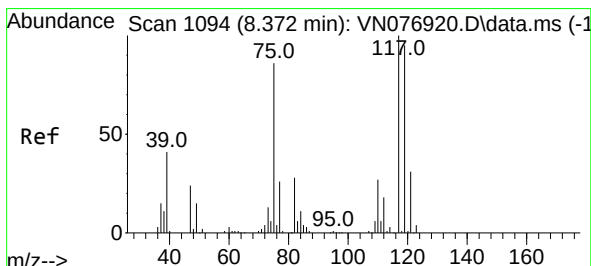
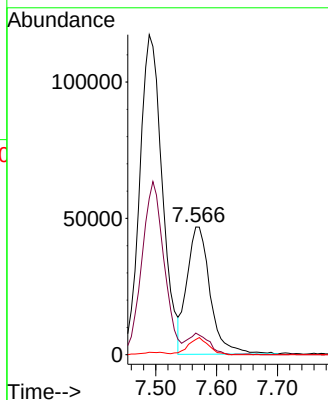
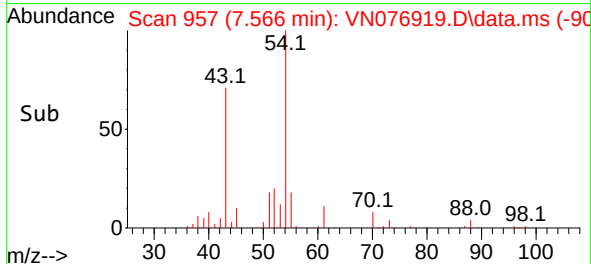
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 123592
Ion Ratio Lower Upper
43 100
61 14.1 13.5 20.3
70 11.7 11.0 16.6

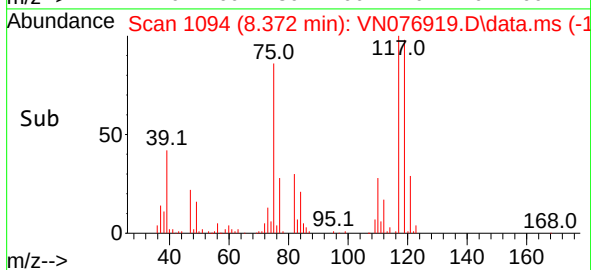
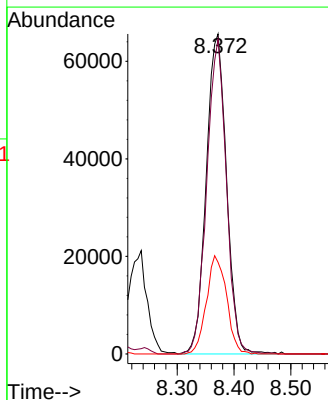
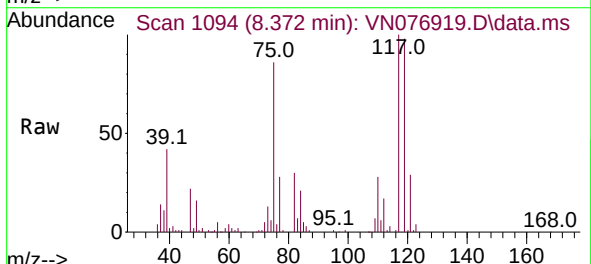
Manual Integrations
APPROVED

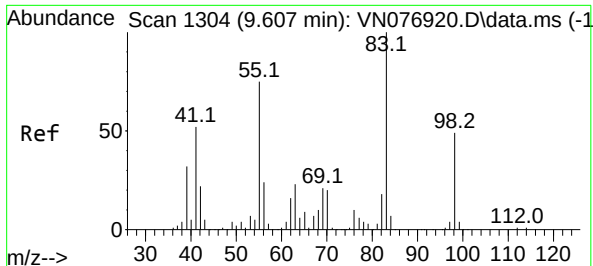
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 23.197 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:117 Resp: 162680
Ion Ratio Lower Upper
117 100
119 98.3 76.9 115.3
121 28.7 23.2 34.8





#39

Methylcyclohexane

Concen: 20.983 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 178540

Ion Ratio Lower Upper

83 100

55 71.5 47.0 70.4

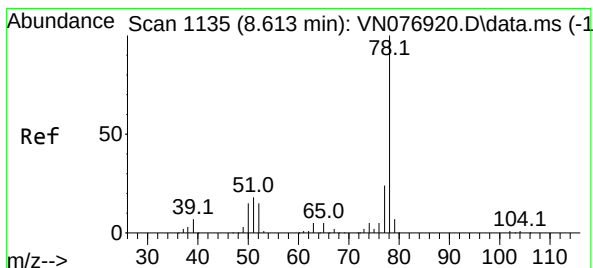
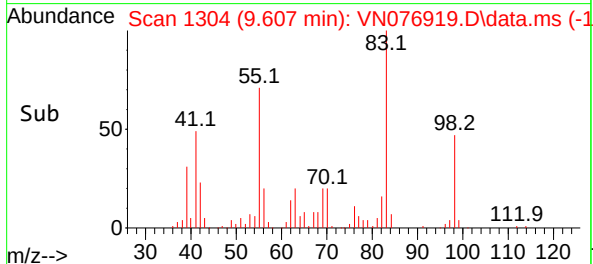
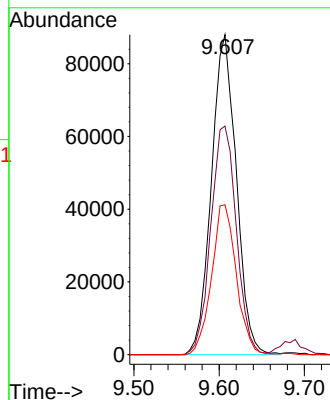
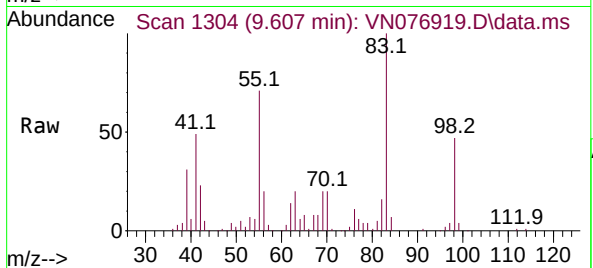
98 46.8 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 19.597 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076919.D

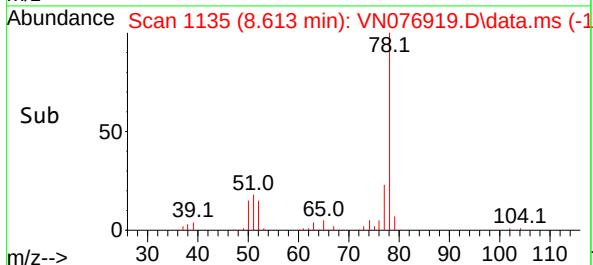
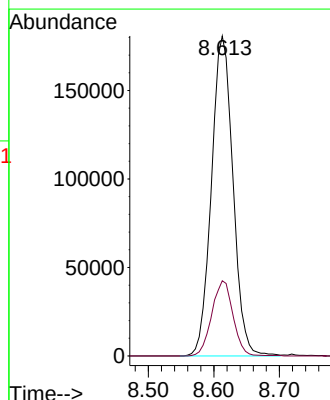
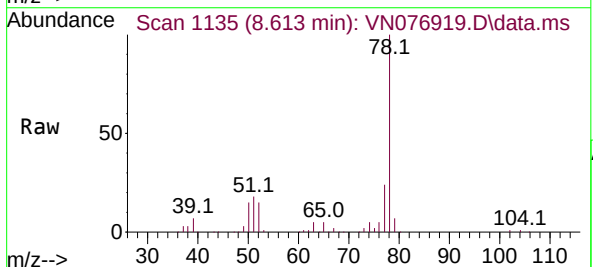
Acq: 10 Mar 2023 12:34

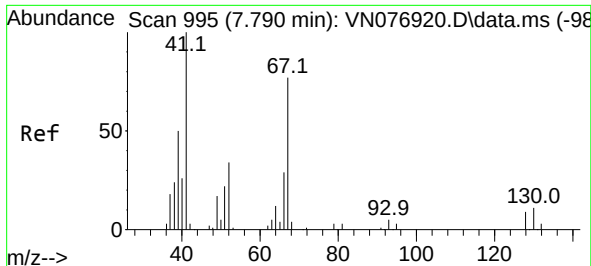
Tgt Ion: 78 Resp: 412110

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9





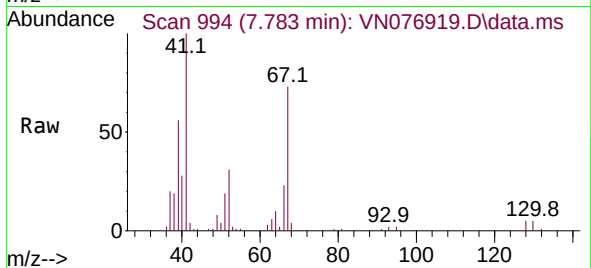
#41
Methacrylonitrile
Concen: 17.206 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



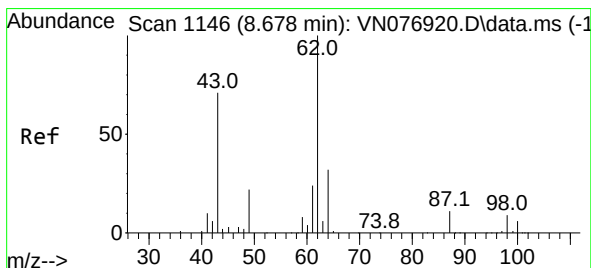
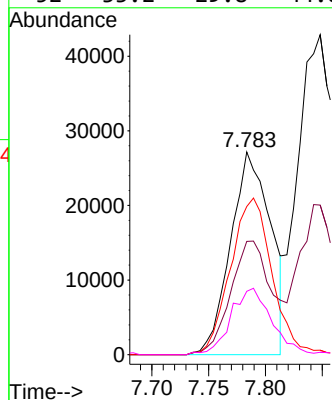
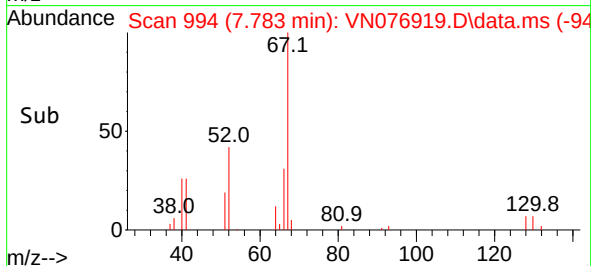
Tgt Ion: 41 Resp: 66579
Ion Ratio Lower Upper
41 100
39 59.4 43.4 65.0
67 80.6 78.6 118.0
52 33.2 29.8 44.8

Manual Integrations

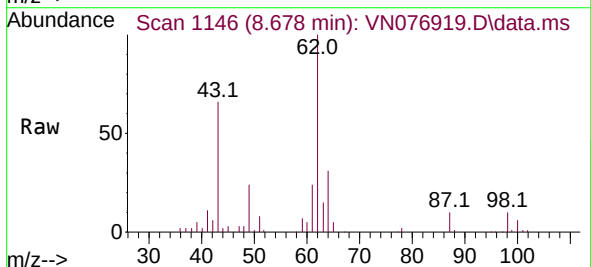
APPROVED

Reviewed By :John Carlone 03/13/2023

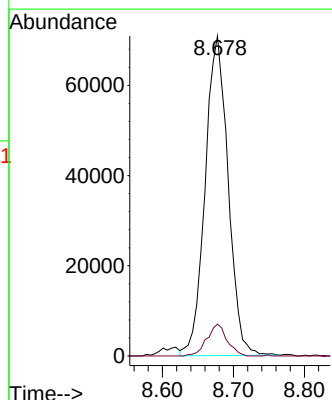
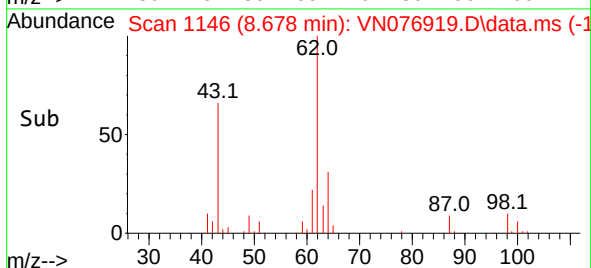
Supervised By :Mahesh Dadoda 03/13/2023

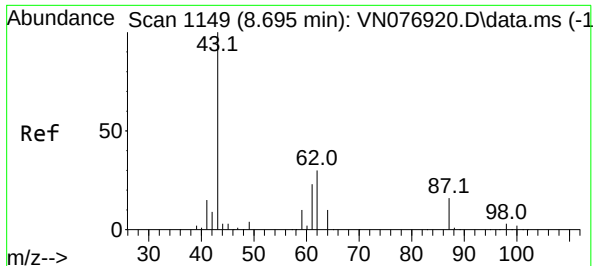


#42
1,2-Dichloroethane
Concen: 21.744 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



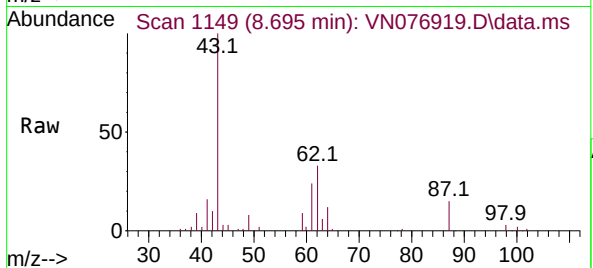
Tgt Ion: 62 Resp: 159281
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





#43
Isopropyl Acetate
Concen: 18.291 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

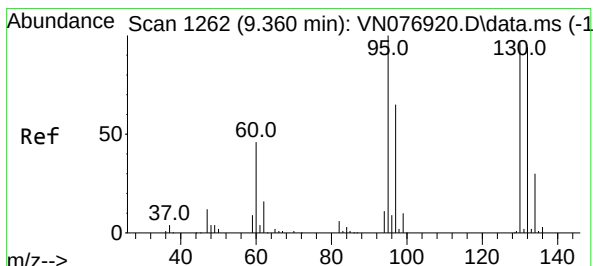
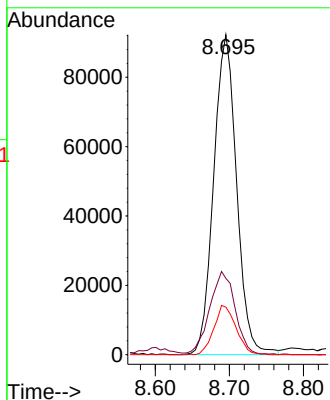
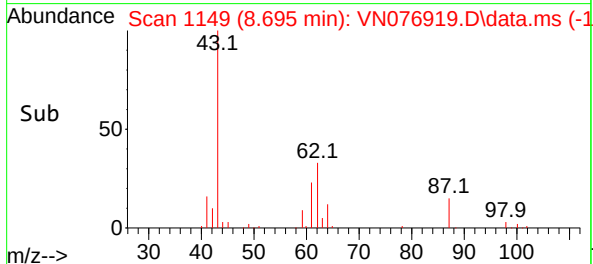
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



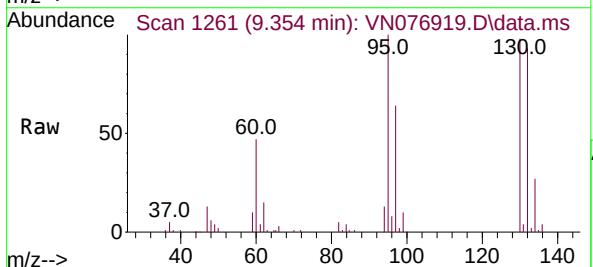
Tgt Ion: 43 Resp: 198419
Ion Ratio Lower Upper
43 100
61 29.0 26.2 39.2
87 14.8 14.8 22.2

Manual Integrations
APPROVED

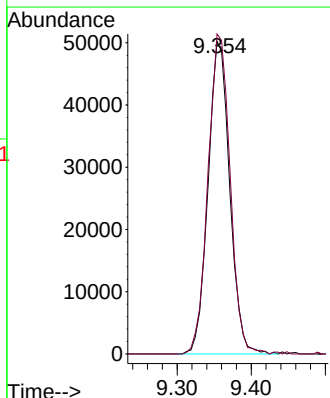
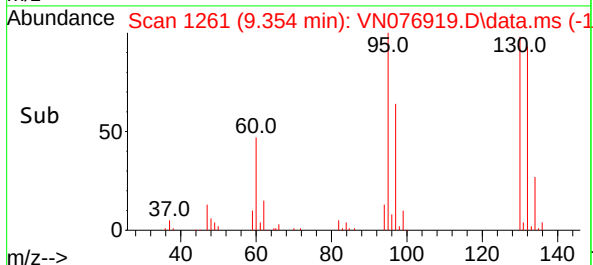
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

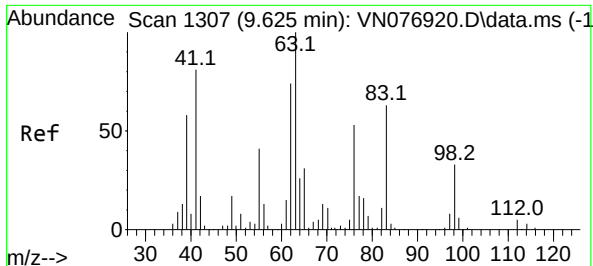


#44
Trichloroethene
Concen: 20.398 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion:130 Resp: 101703
Ion Ratio Lower Upper
130 100
95 102.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 18.819 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 102264

Ion Ratio Lower Upper

63 100

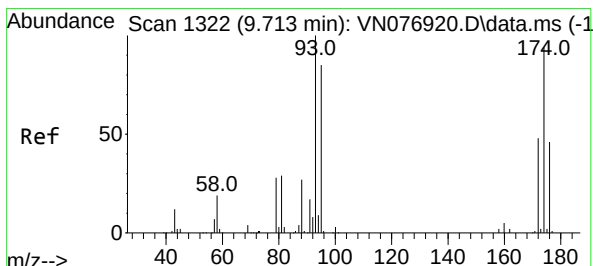
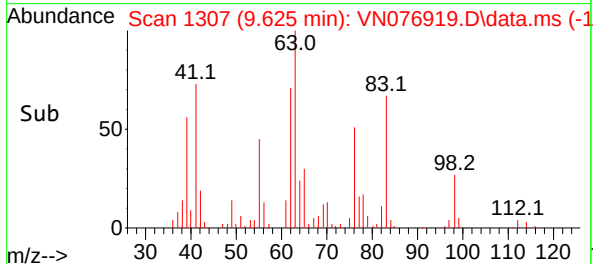
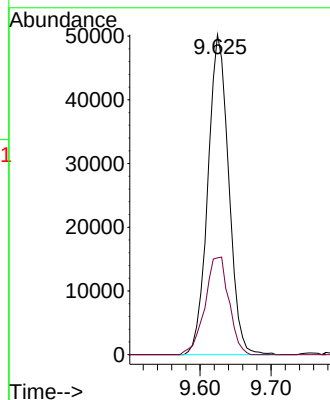
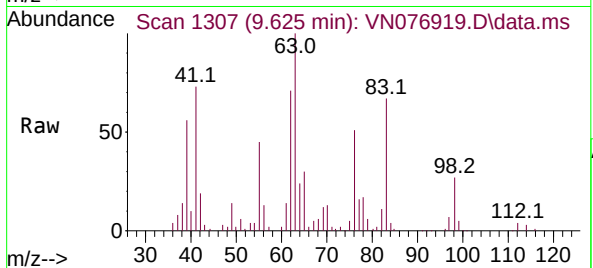
65 30.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 20.465 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

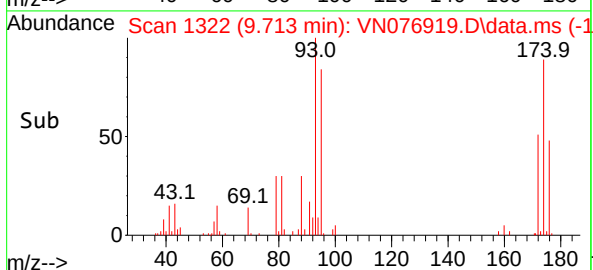
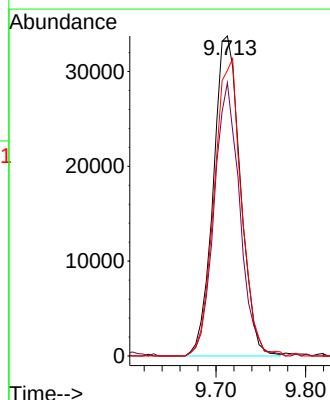
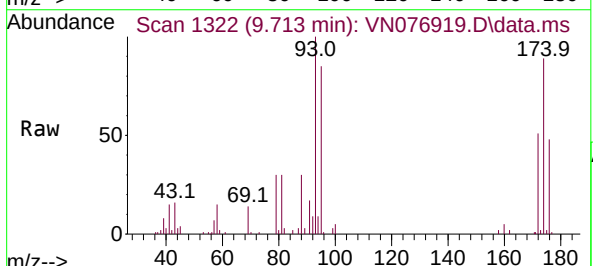
Tgt Ion: 93 Resp: 70635

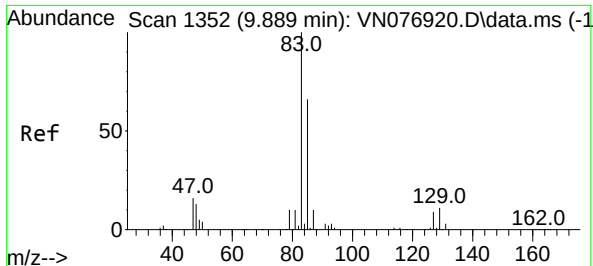
Ion Ratio Lower Upper

93 100

95 81.0 65.7 98.5

174 93.5 69.3 103.9





#47

Bromodichloromethane

Concen: 21.196 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

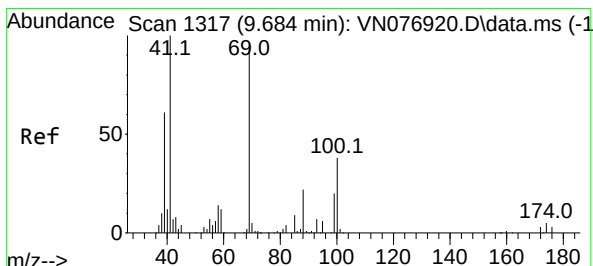
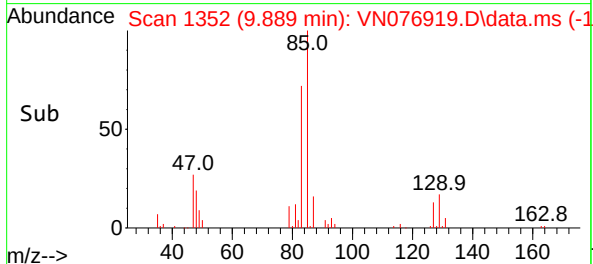
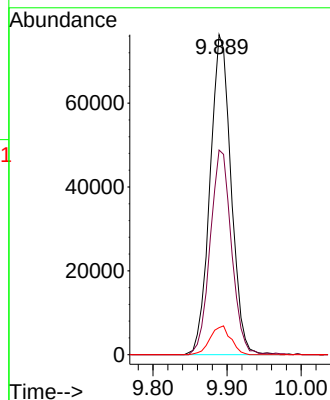
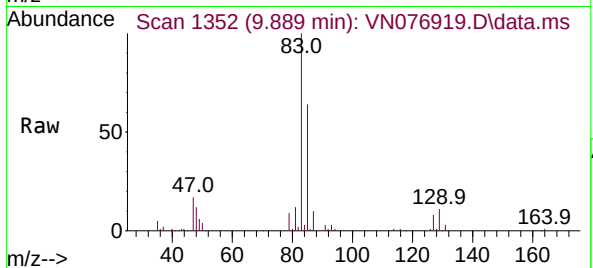
Tgt Ion: 83	Resp: 15039
Ion Ratio	Lower Upper
83 100	
85 64.0	52.6 78.8
127 8.4	7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#48

Methyl methacrylate

Concen: 18.353 ug/l

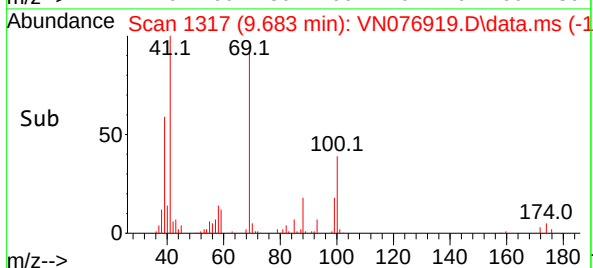
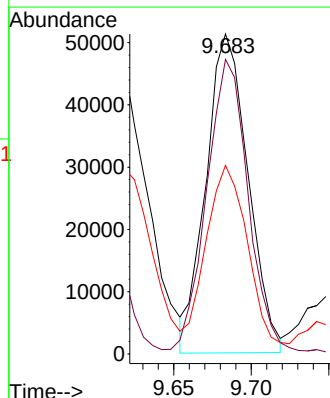
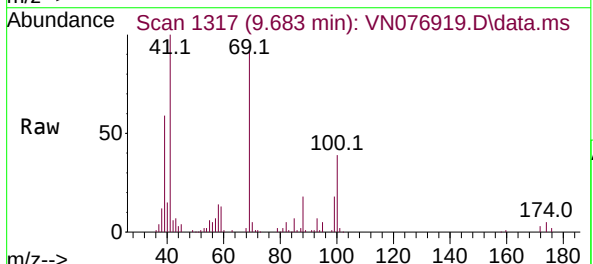
RT: 9.683 min Scan# 1317

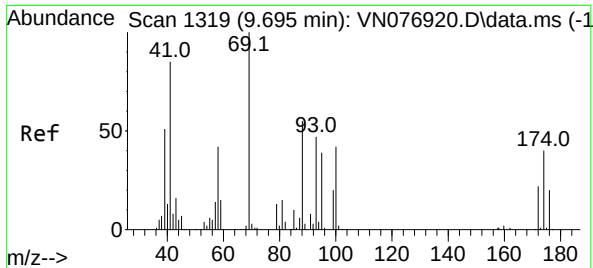
Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Tgt Ion: 41	Resp: 96743
Ion Ratio	Lower Upper
41 100	
69 92.7	92.6 139.0
39 60.4	51.4 77.0





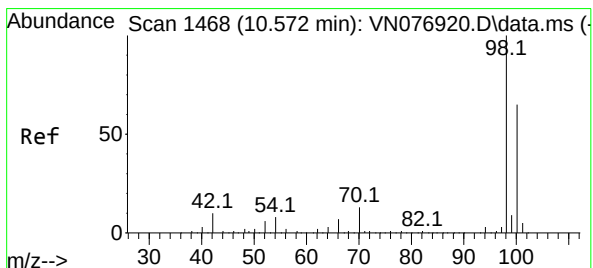
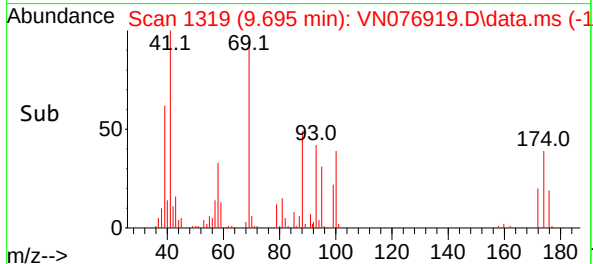
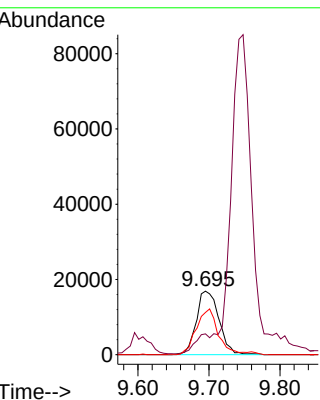
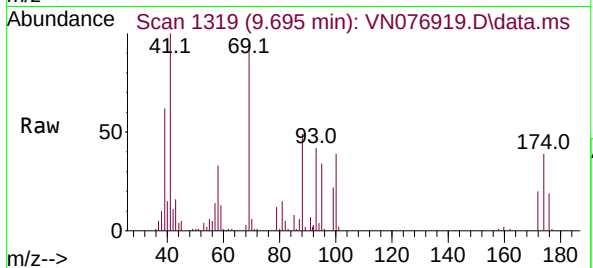
#49
1,4-Dioxane
Concen: 388.755 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 37559
Ion Ratio Lower Upper
88 100
43 22.1 15.3 22.9
58 69.7 47.6 71.4

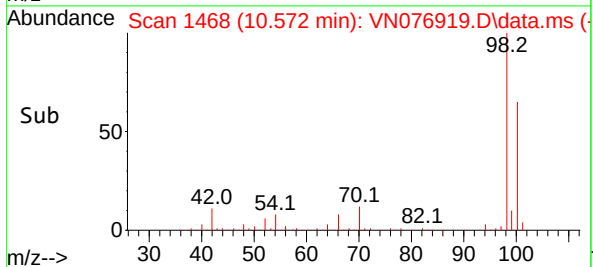
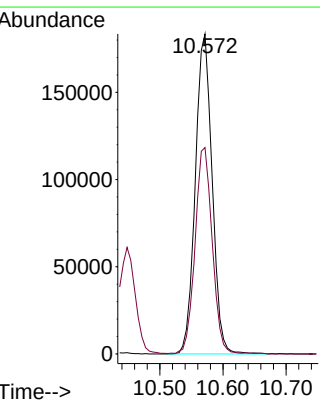
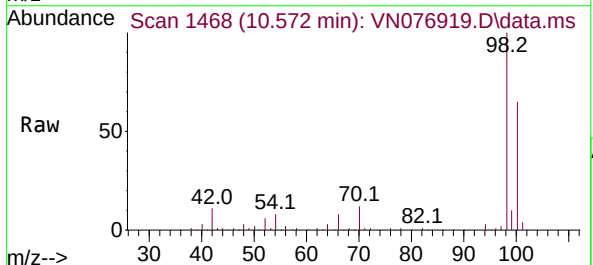
Manual Integrations
APPROVED

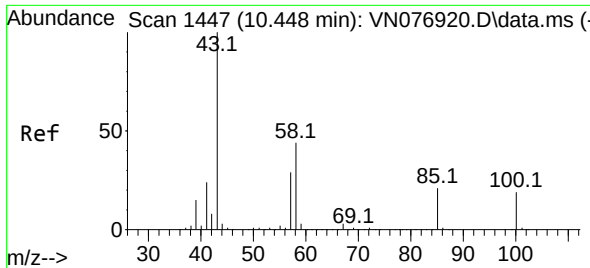
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#50
Toluene-d8
Concen: 20.534 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion: 98 Resp: 339787
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





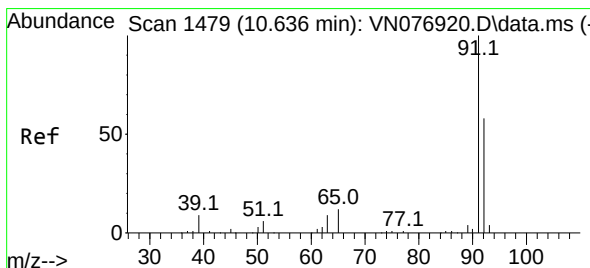
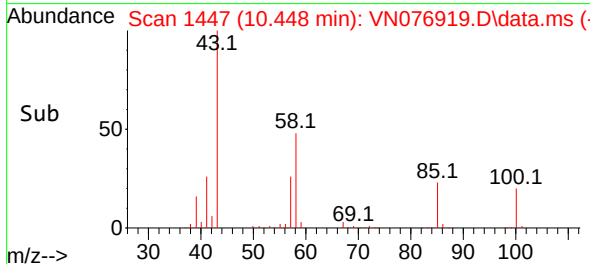
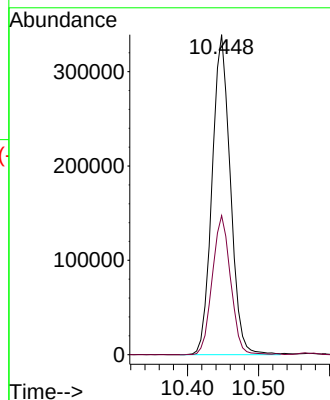
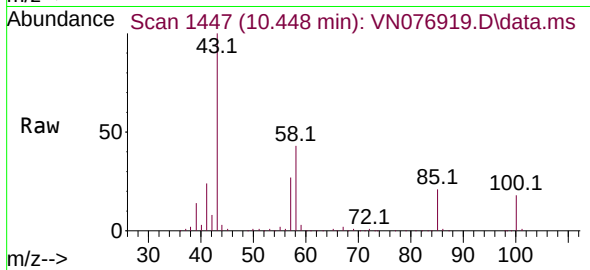
#51
4-Methyl-2-Pentanone
Concen: 88.464 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 60530
Ion Ratio Lower Upper
43 100
58 43.5 37.4 56.0

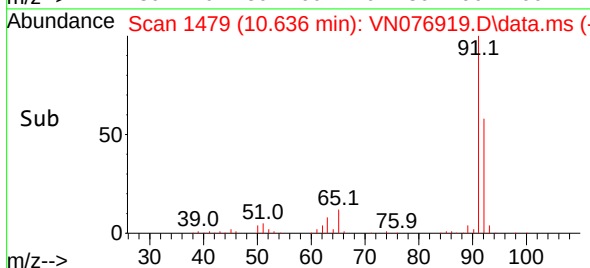
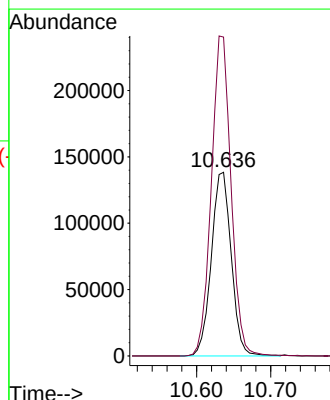
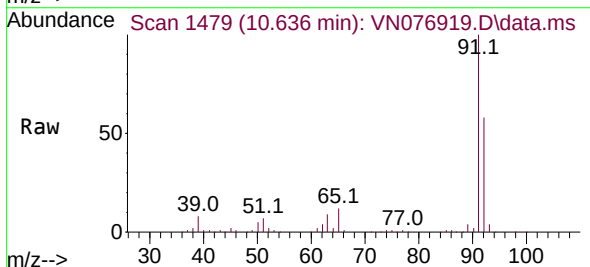
Manual Integrations
APPROVED

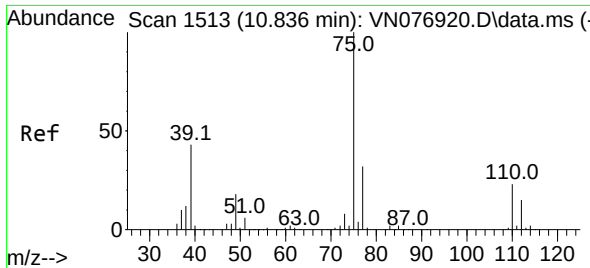
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 20.607 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

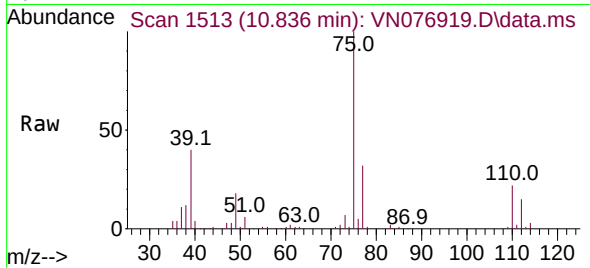
Tgt Ion: 92 Resp: 258030
Ion Ratio Lower Upper
92 100
91 172.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 21.807 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

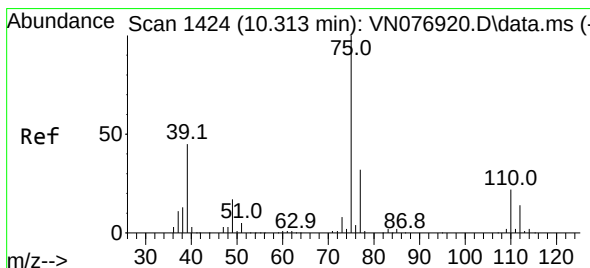
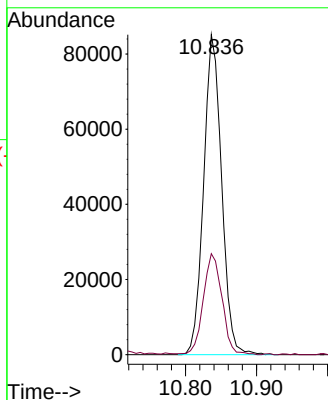
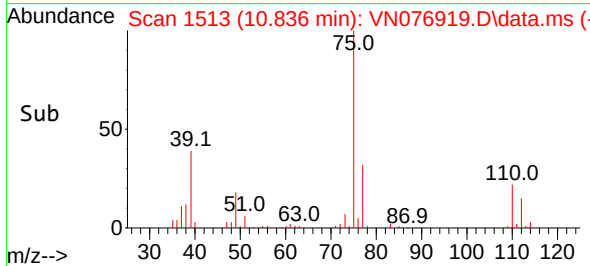
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



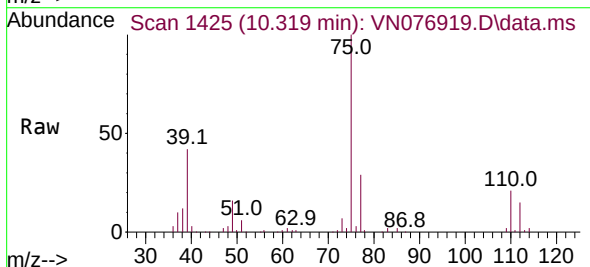
Tgt Ion: 75 Resp: 14999
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6

Manual Integrations
APPROVED

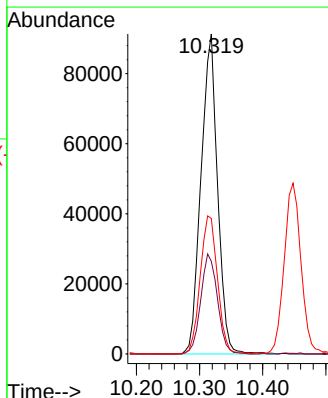
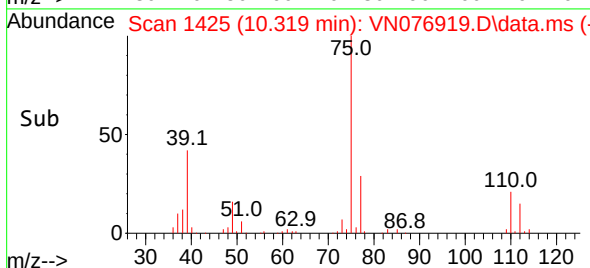
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

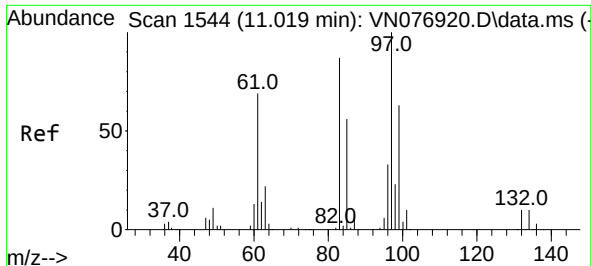


#54
cis-1,3-Dichloropropene
Concen: 20.994 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



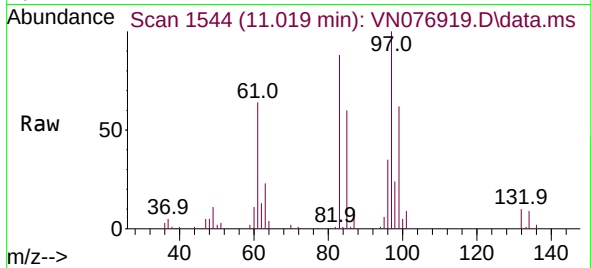
Tgt Ion: 75 Resp: 165859
Ion Ratio Lower Upper
75 100
77 29.0 25.7 38.5
39 42.2 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 19.513 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

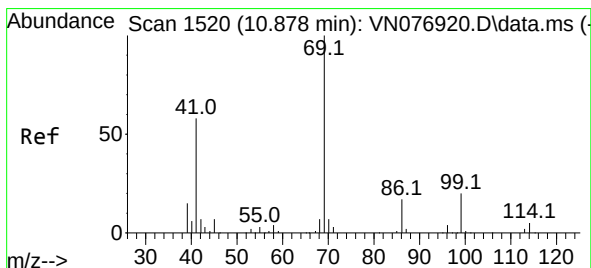
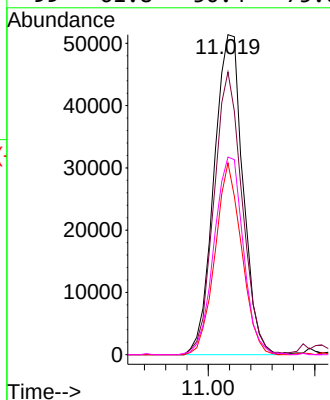
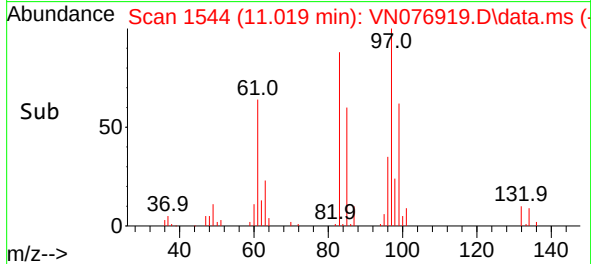
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.1	100.7
85	59.9	41.8	62.8
99	61.8	50.4	75.6

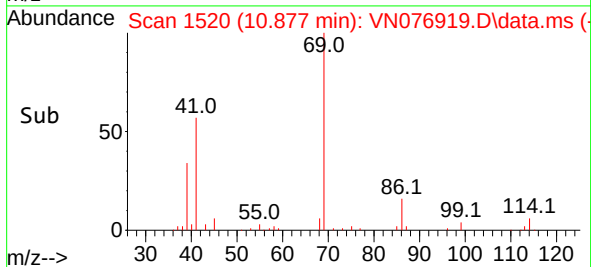
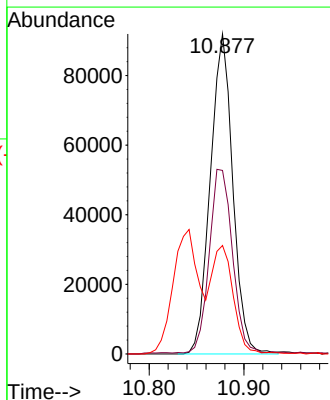
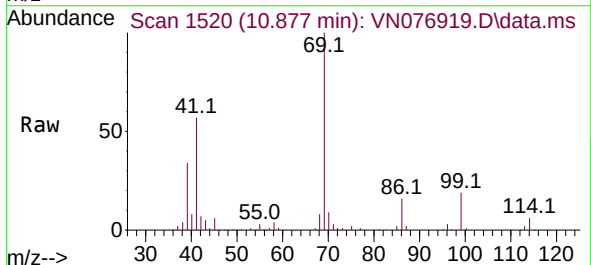
Manual Integrations
APPROVED

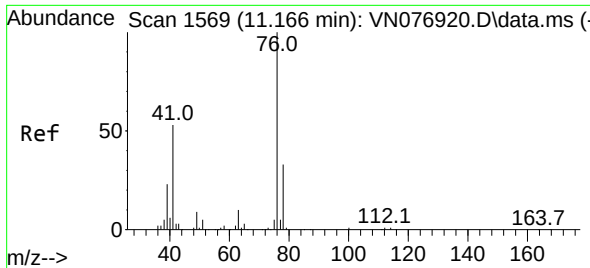
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#56
Ethyl methacrylate
Concen: 20.424 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

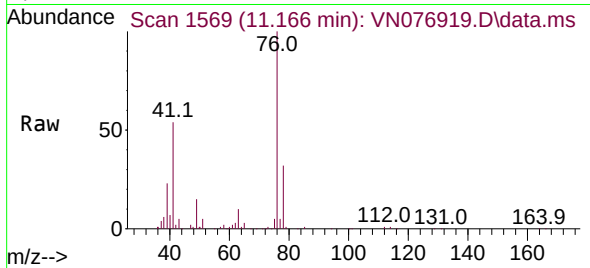
Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.1	38.0	57.0
39	32.7	22.4	33.6





#57
1,3-Dichloropropane
Concen: 19.927 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

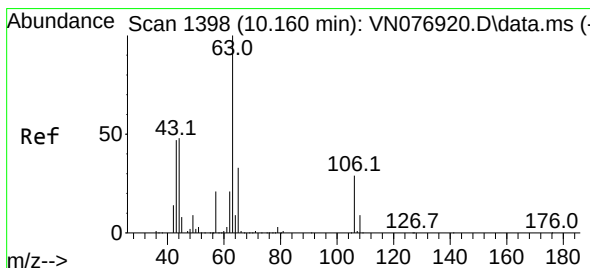
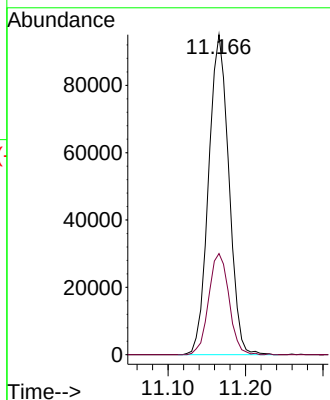
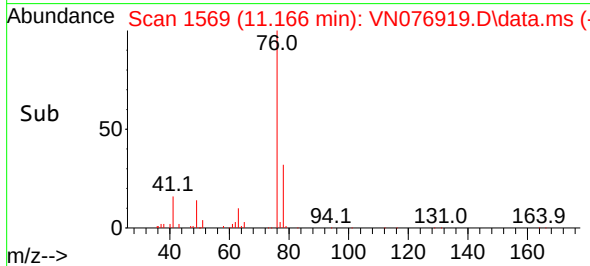
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 17233
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1

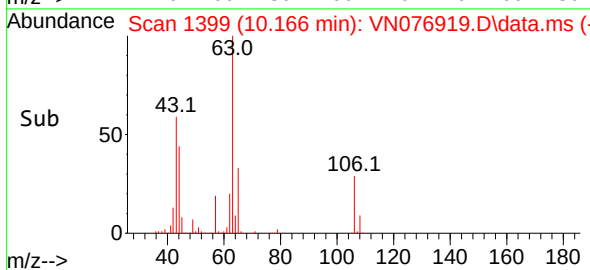
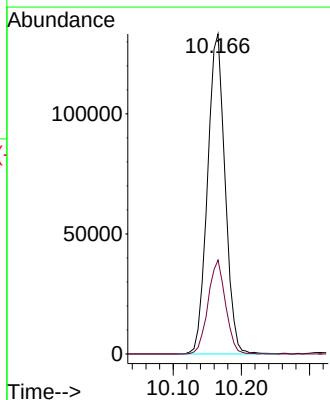
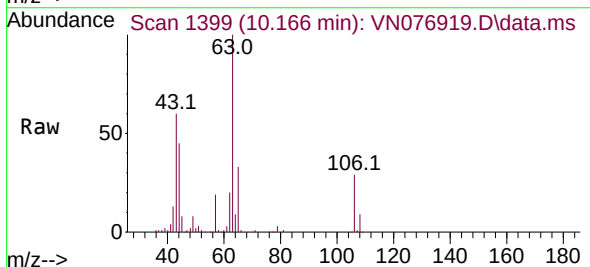
Manual Integrations
APPROVED

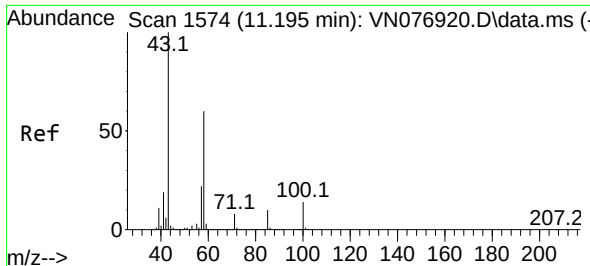
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 92.931 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

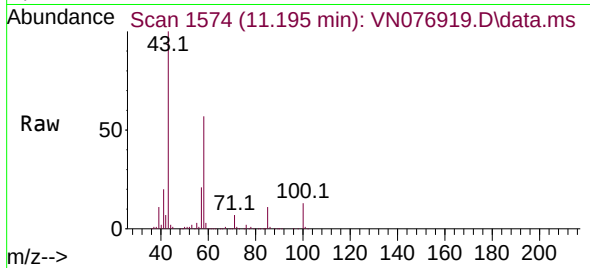
Tgt Ion: 63 Resp: 238967
Ion Ratio Lower Upper
63 100
106 29.2 25.6 38.4





#59
2-Hexanone
Concen: 90.635 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

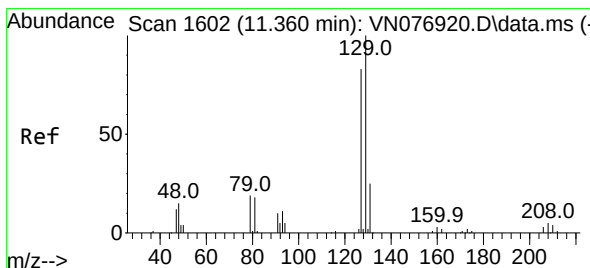
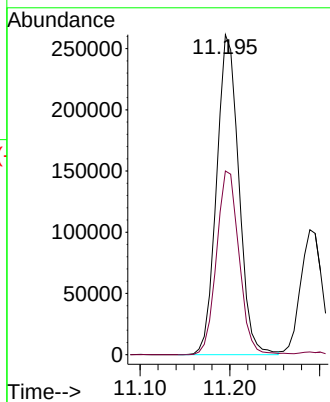
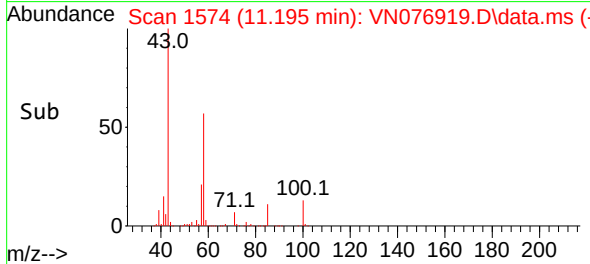
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 449370
Ion Ratio Lower Upper
43 100
58 58.3 32.6 98.0

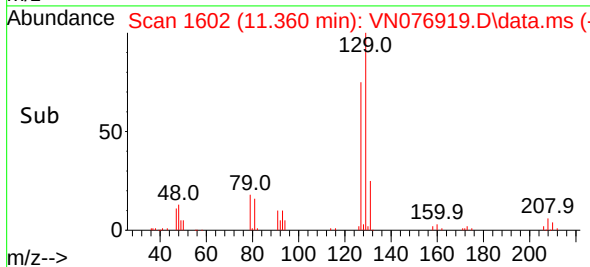
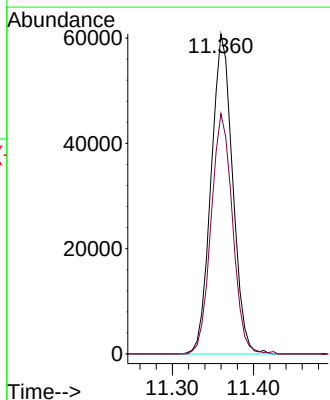
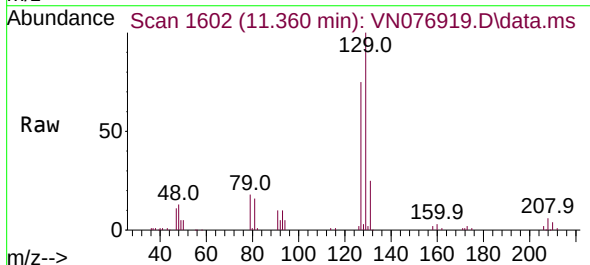
Manual Integrations
APPROVED

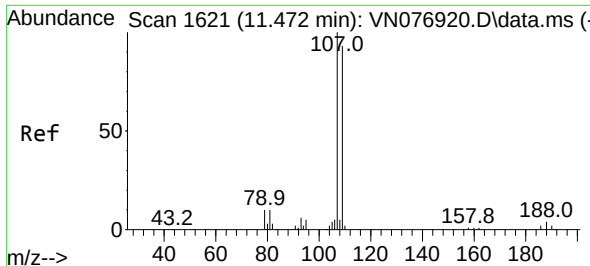
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 22.813 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:129 Resp: 111972
Ion Ratio Lower Upper
129 100
127 75.0 39.6 118.8





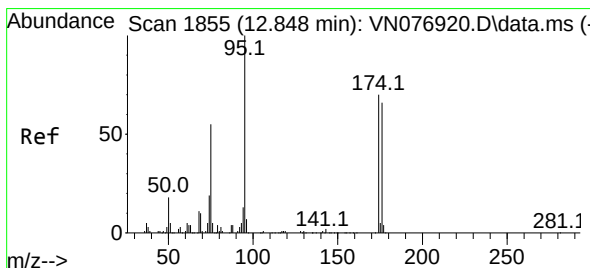
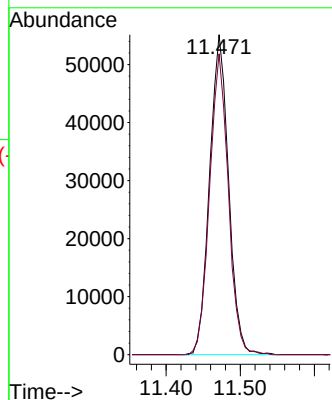
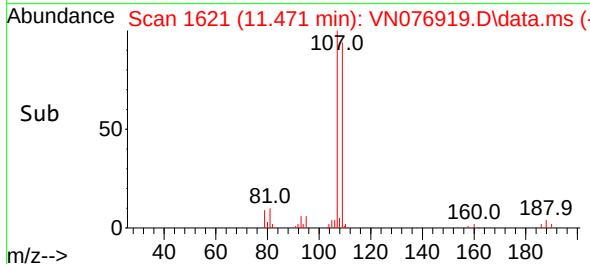
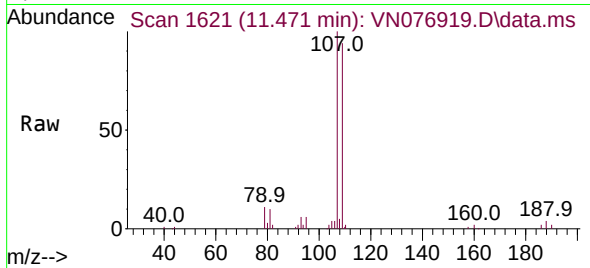
#61
1,2-Dibromoethane
Concen: 20.531 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 9829
Ion Ratio Lower Upper
107 100
109 92.4 75.9 113.9

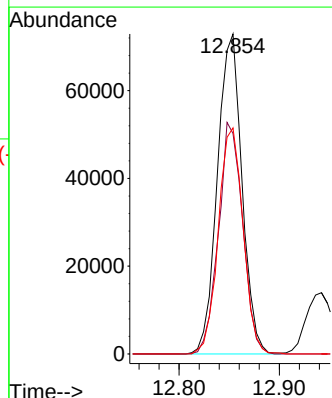
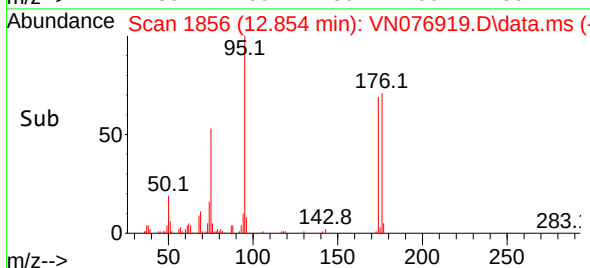
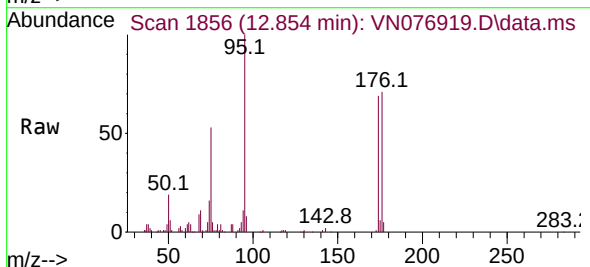
Manual Integrations
APPROVED

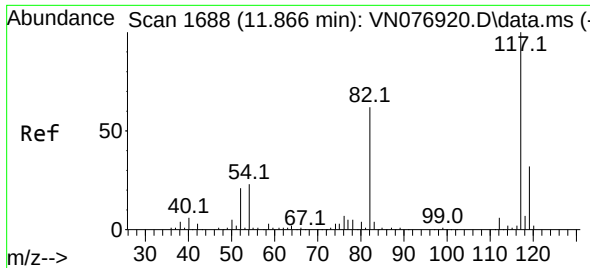
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 21.596 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

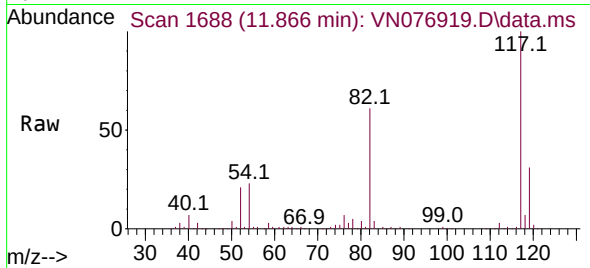
Tgt Ion: 95 Resp: 123833
Ion Ratio Lower Upper
95 100
174 71.0 0.0 162.4
176 71.2 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

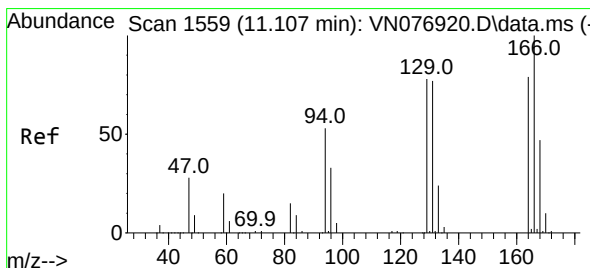
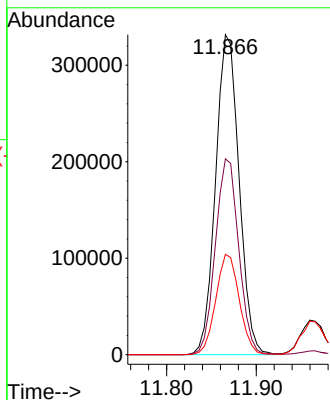
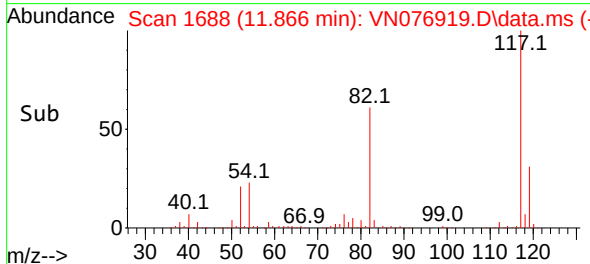
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 60368
Ion Ratio Lower Upper
117 100
82 61.2 43.5 65.3
119 31.4 25.5 38.3

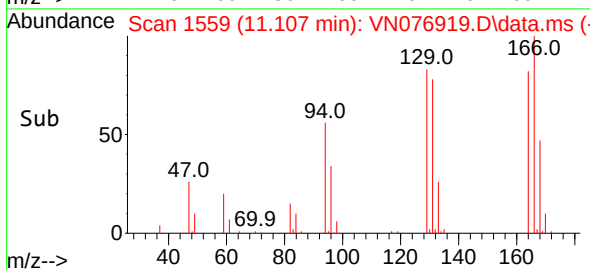
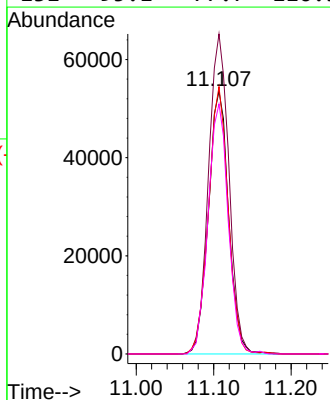
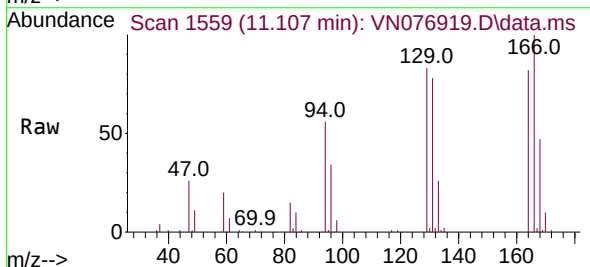
Manual Integrations
APPROVED

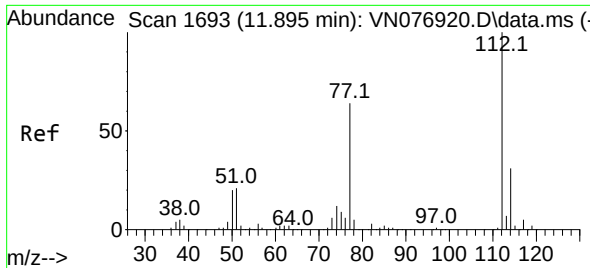
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 21.646 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:164 Resp: 97245
Ion Ratio Lower Upper
164 100
166 121.8 102.7 154.1
129 101.7 81.5 122.3
131 95.1 77.7 116.5





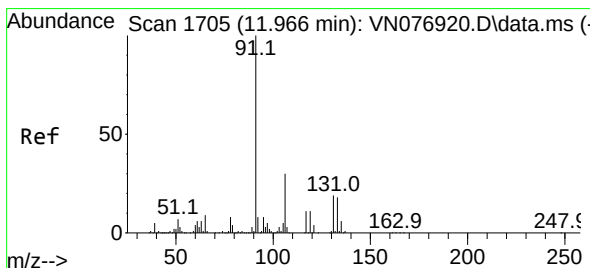
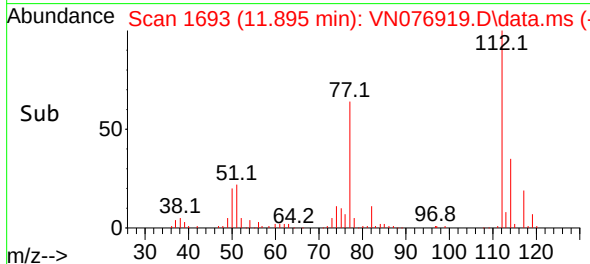
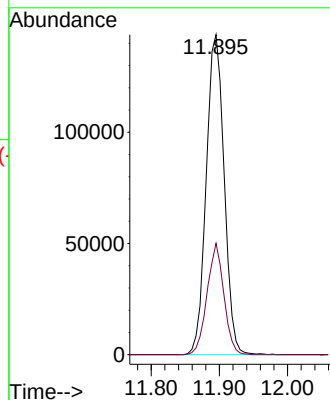
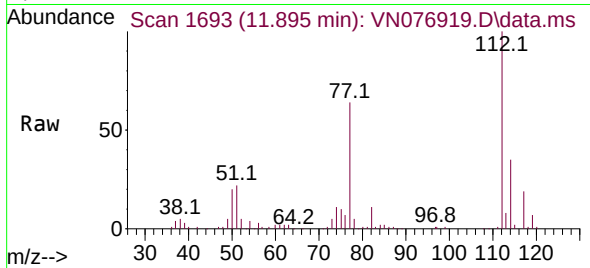
#65
Chlorobenzene
Concen: 20.199 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 26351
Ion Ratio Lower Upper
112 100
114 34.8 25.8 38.8

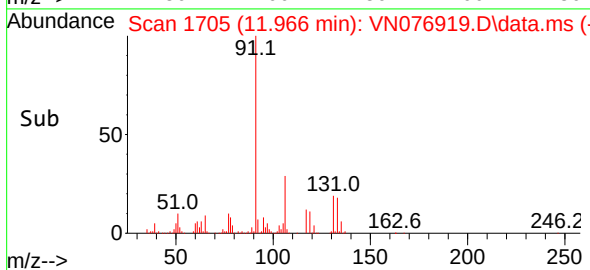
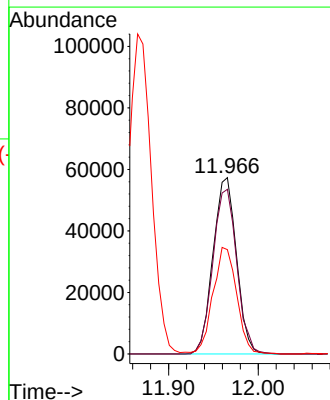
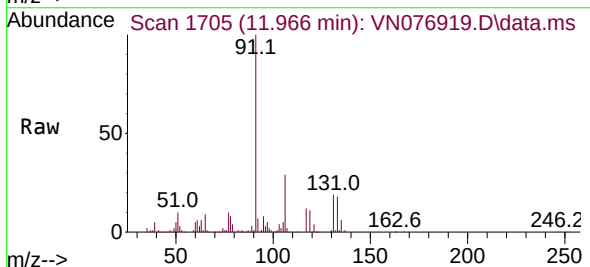
Manual Integrations
APPROVED

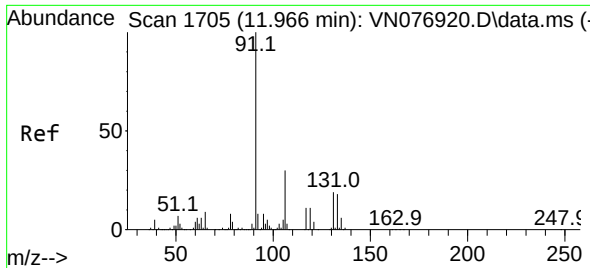
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.045 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

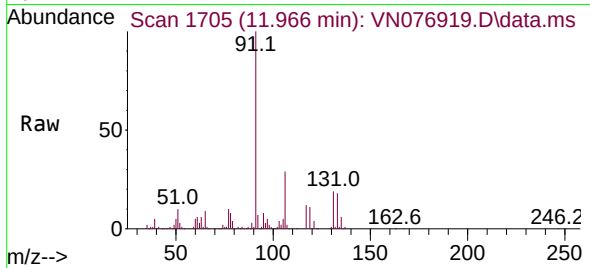
Tgt Ion:131 Resp: 104038
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.8
119 61.0 33.1 99.2





#67
Ethyl Benzene
Concen: 21.280 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

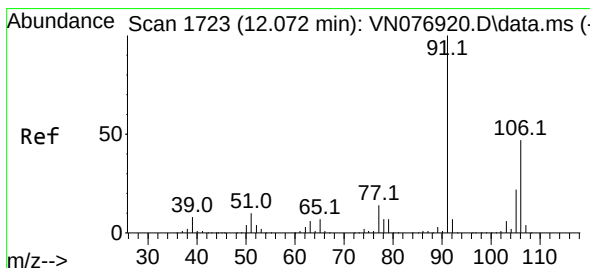
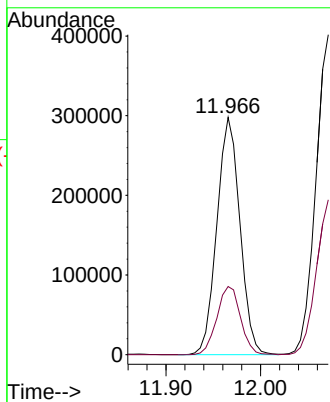
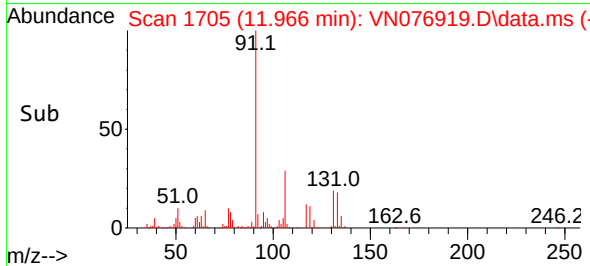
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



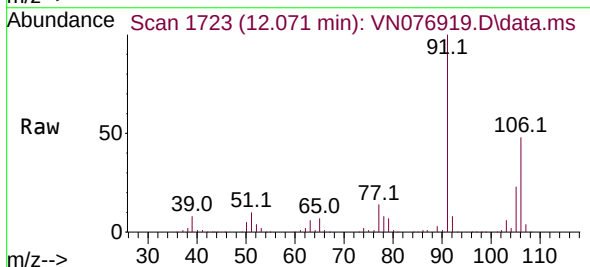
Tgt Ion: 91 Resp: 50408
Ion Ratio Lower Upper
91 100
106 28.7 25.1 37.7

Manual Integrations
APPROVED

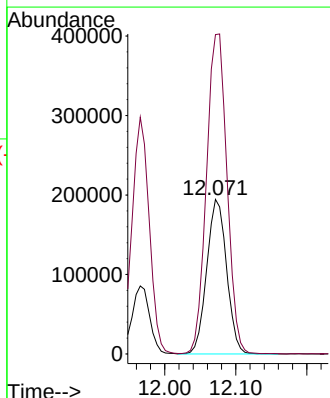
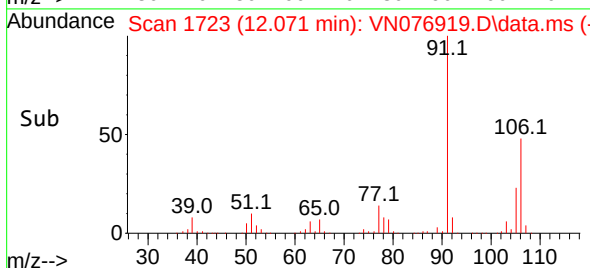
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

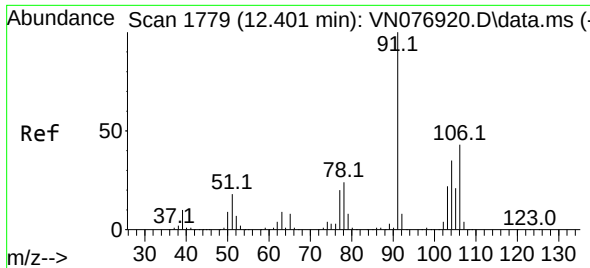


#68
m/p-Xylenes
Concen: 42.431 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion:106 Resp: 378171
Ion Ratio Lower Upper
106 100
91 214.1 158.0 237.0





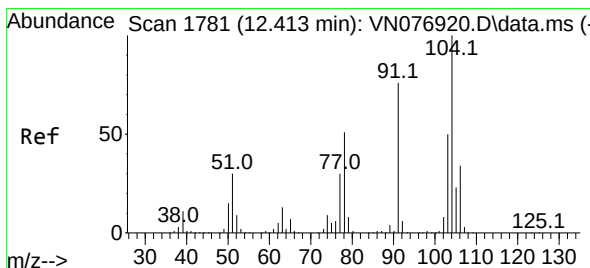
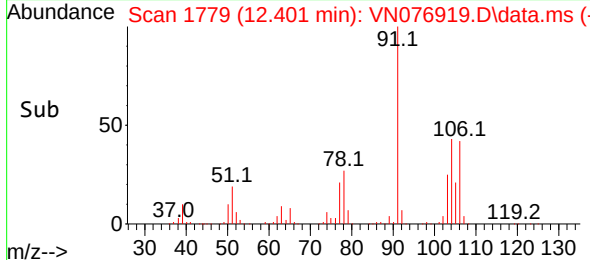
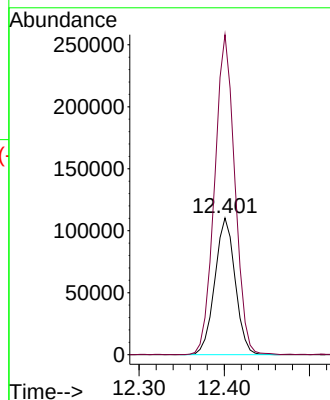
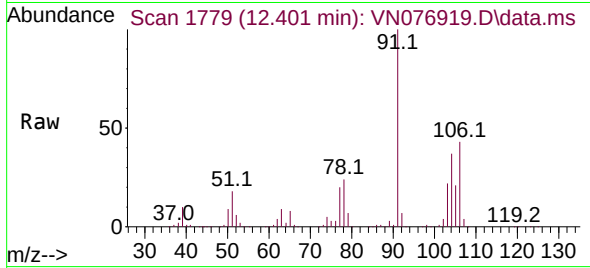
#69
o-Xylene
Concen: 20.815 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 182689
Ion Ratio Lower Upper
106 100
91 233.0 101.8 305.4

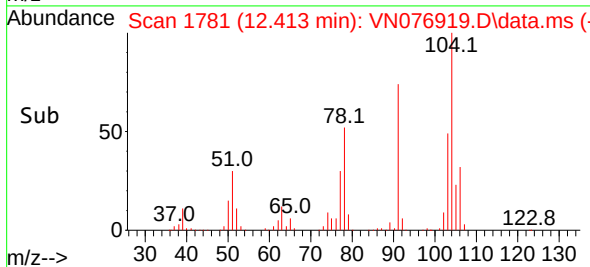
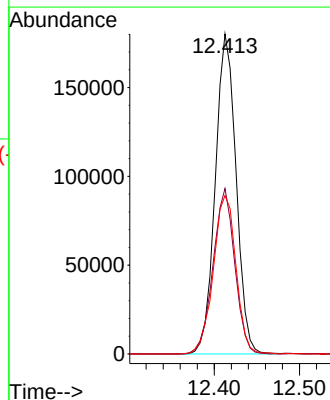
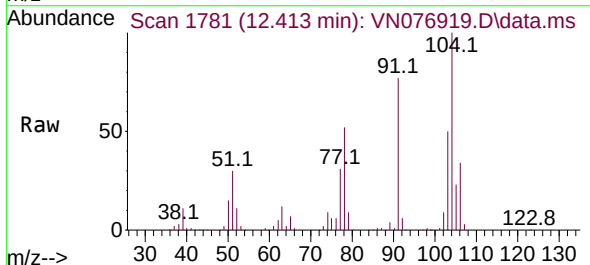
Manual Integrations
APPROVED

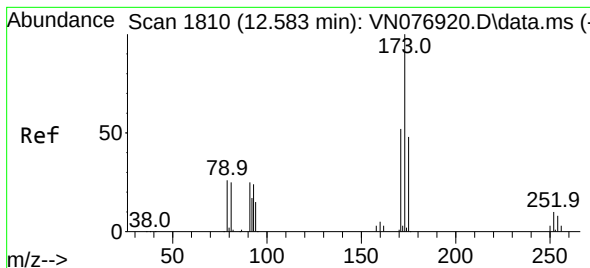
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 22.224 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:104 Resp: 305812
Ion Ratio Lower Upper
104 100
78 53.8 36.6 55.0
103 53.9 43.4 65.0





#71

Bromoform

Concen: 23.744 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

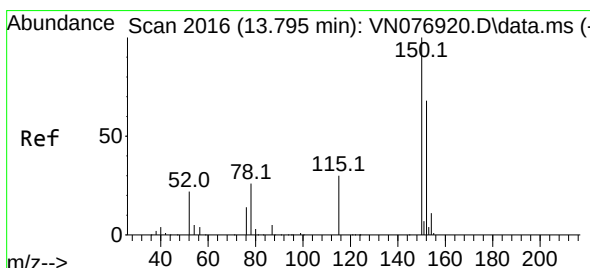
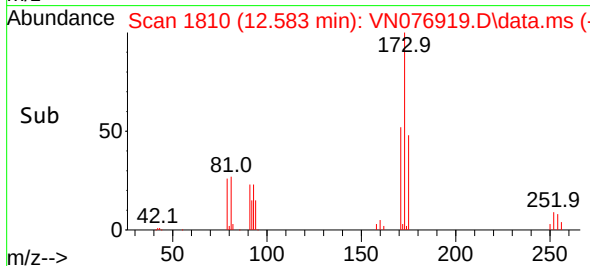
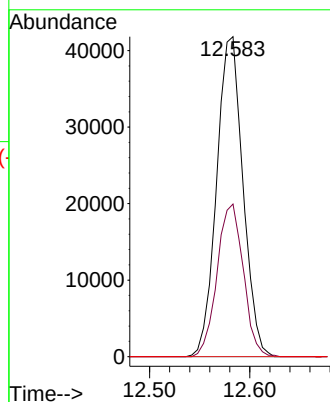
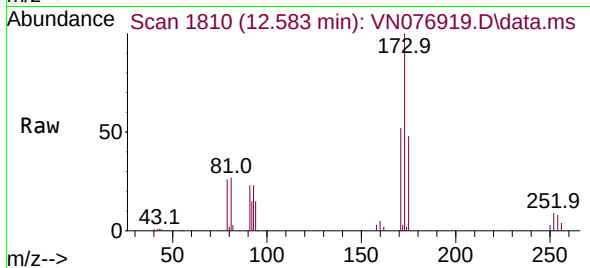
Tgt Ion:173	Resp:	76272
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.9 74.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

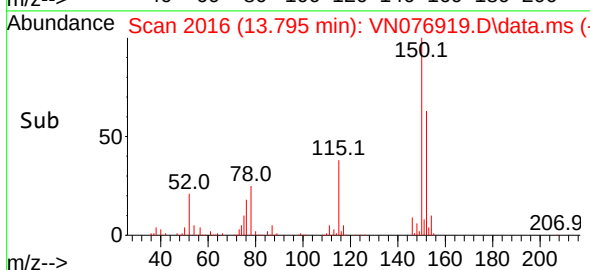
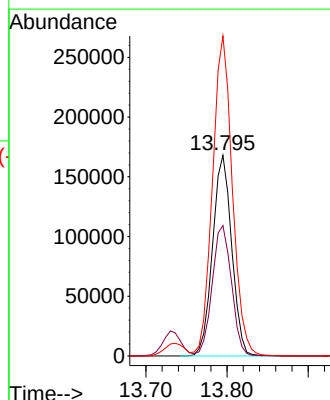
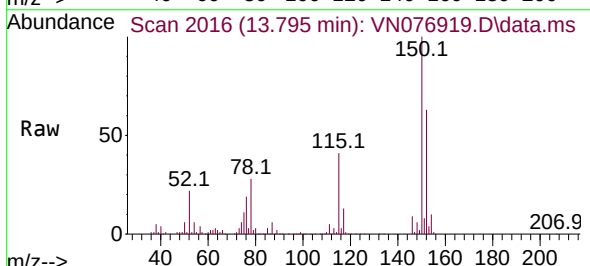
RT: 13.795 min Scan# 2016

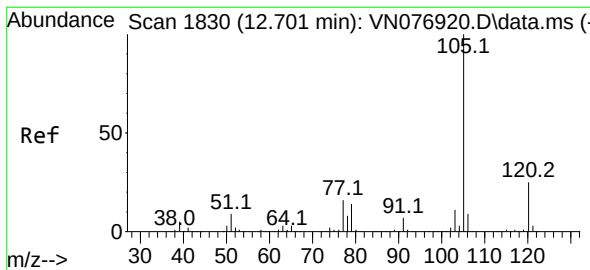
Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Tgt Ion:152	Resp:	275211
Ion Ratio	Lower	Upper
152	100	
115	65.5	30.3 90.9
150	165.5	0.0 353.6





#73

Isopropylbenzene

Concen: 20.780 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 49848

Ion Ratio Lower Upper

105 100

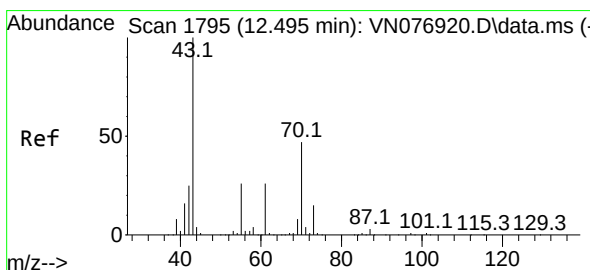
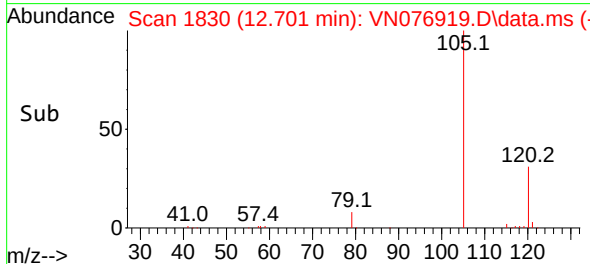
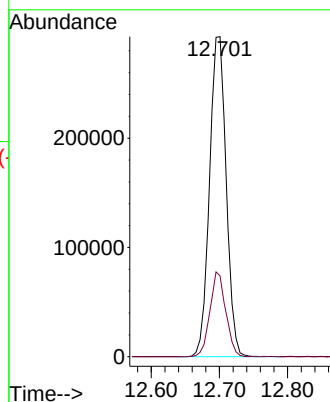
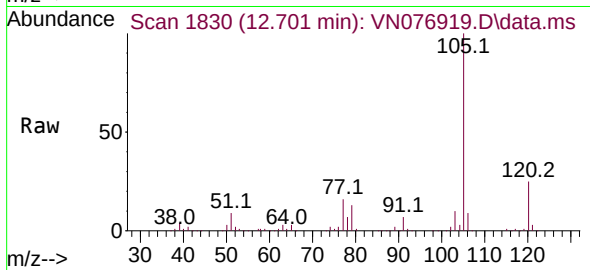
120 25.1 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#74

N-ethyl acetate

Concen: 17.113 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Tgt Ion: 43 Resp: 160554

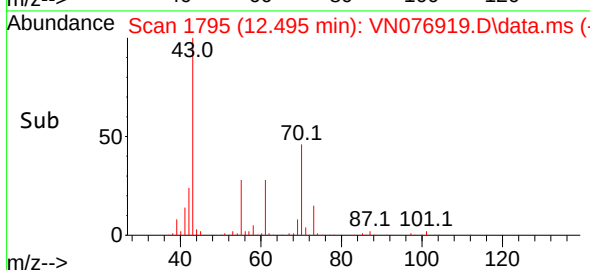
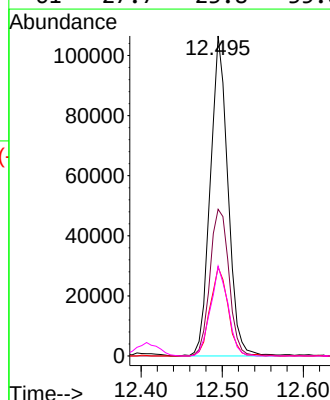
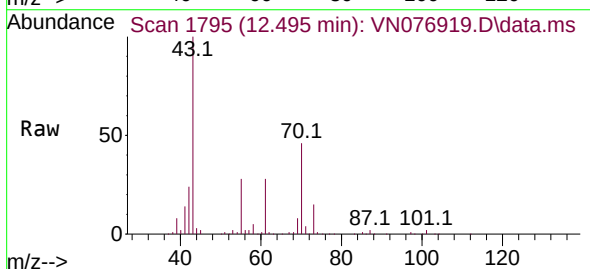
Ion Ratio Lower Upper

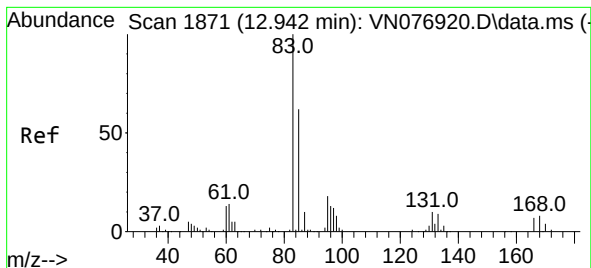
43 100

70 49.7 46.8 70.2

55 28.2 23.4 35.2

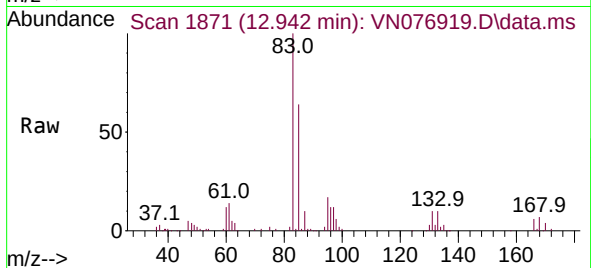
61 27.7 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.394 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

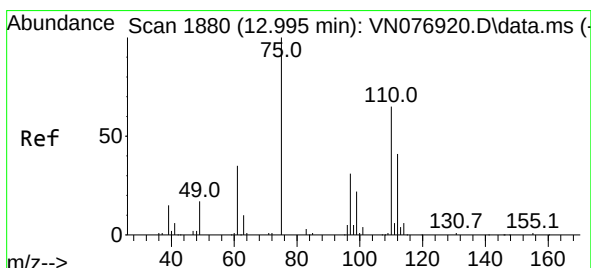
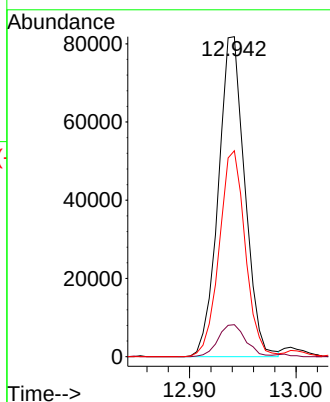
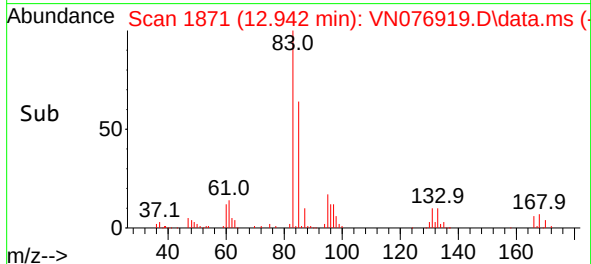
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



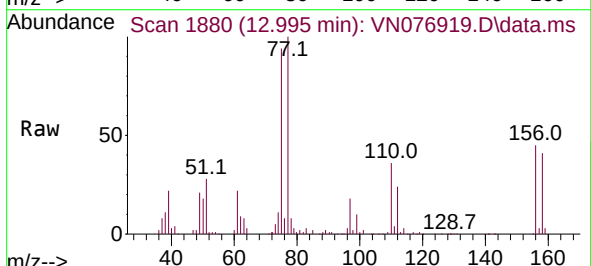
Tgt Ion: 83 Resp: 141410
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 63.3 32.0 96.0

Manual Integrations
APPROVED

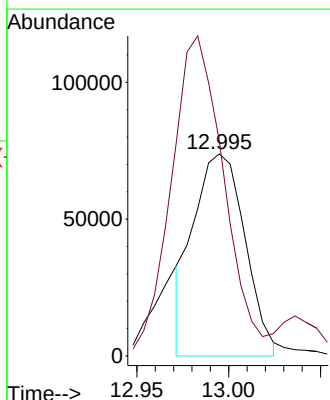
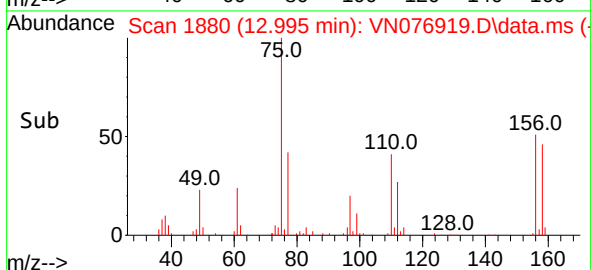
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

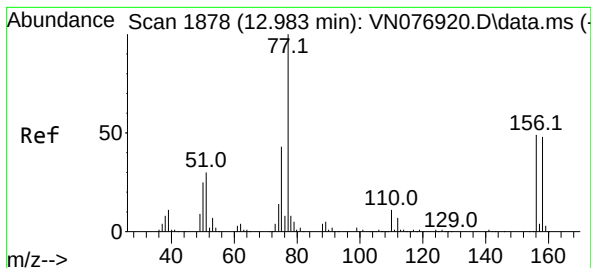


#76
1,2,3-Trichloropropane
Concen: 20.720 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion: 75 Resp: 143813
Ion Ratio Lower Upper
75 100
77 162.0 93.8 281.4





#77

Bromobenzene

Concen: 20.400 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

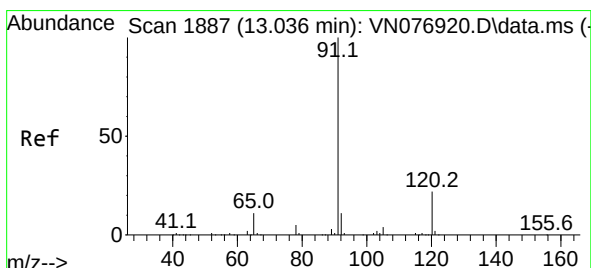
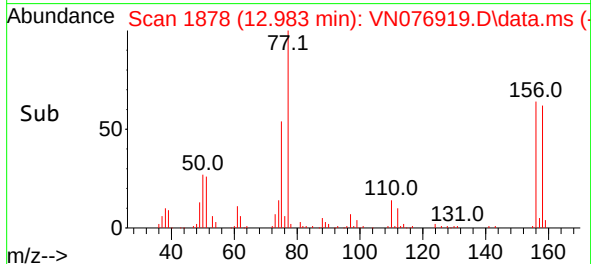
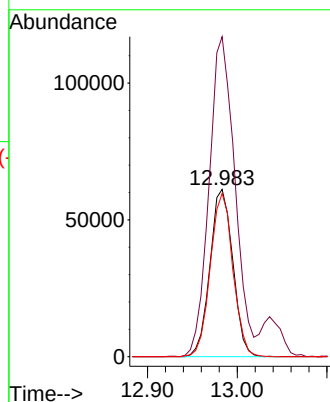
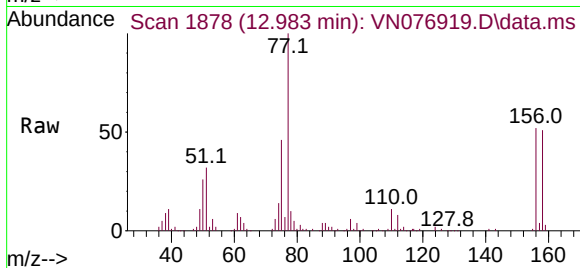
Tgt Ion:156 Resp: 108295
 Ion Ratio Lower Upper
 156 100
 77 215.2 101.3 303.7
 158 96.1 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#78

n-propylbenzene

Concen: 20.531 ug/l

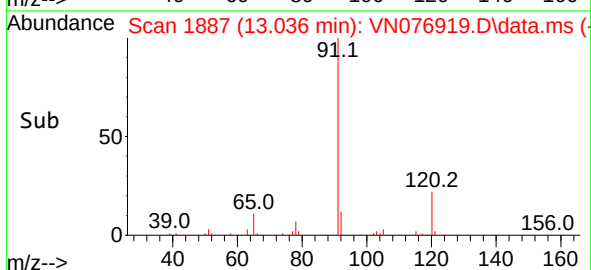
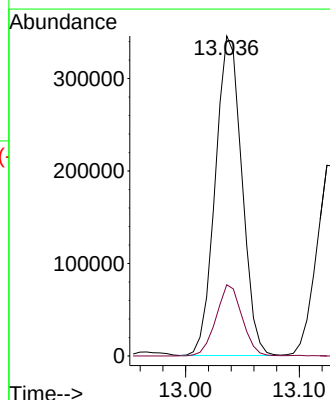
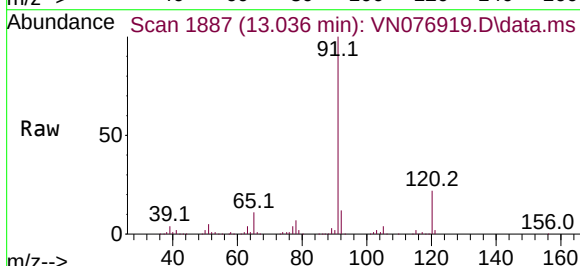
RT: 13.036 min Scan# 1887

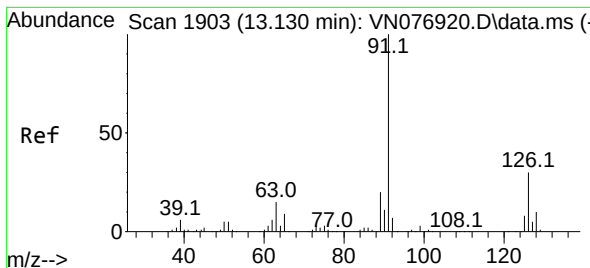
Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Tgt Ion: 91 Resp: 561663
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.9 35.7





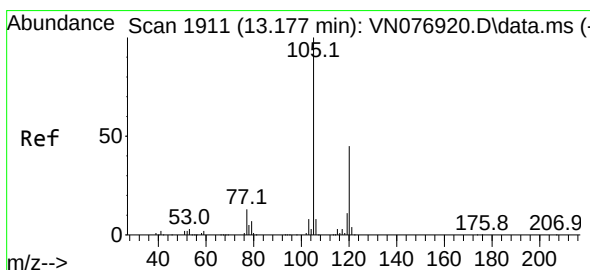
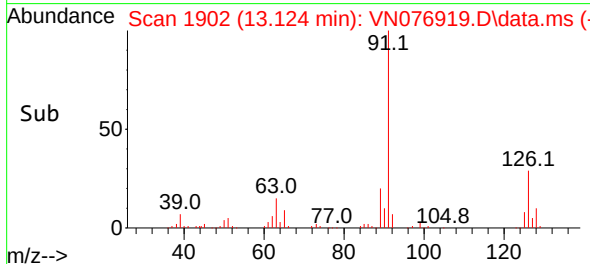
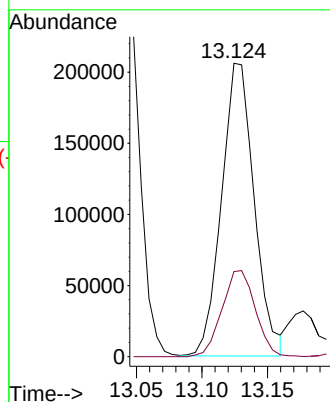
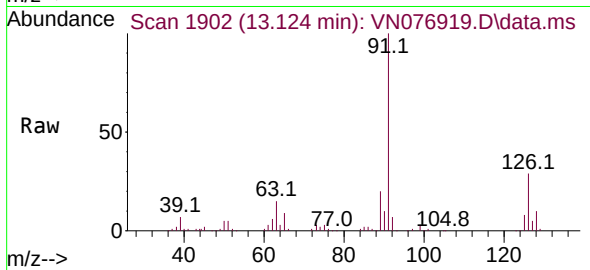
#79
2-Chlorotoluene
Concen: 20.337 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 35689
Ion Ratio Lower Upper
91 100
126 30.0 17.7 53.1

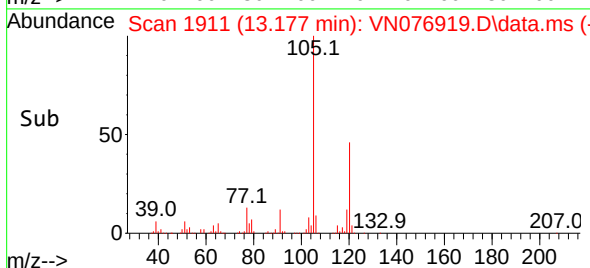
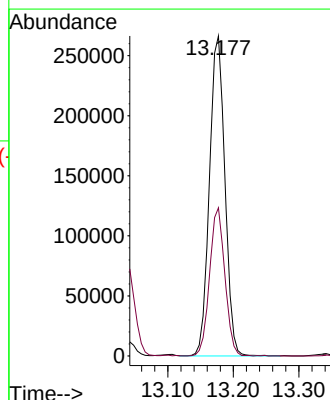
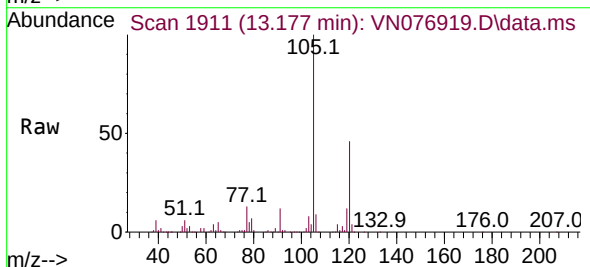
Manual Integrations
APPROVED

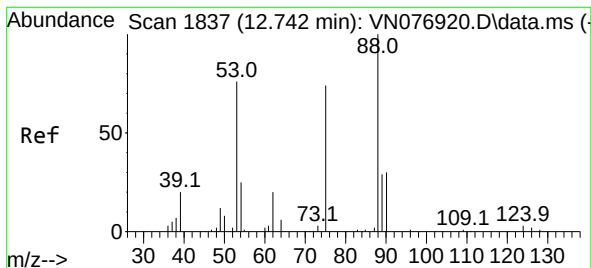
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.741 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:105 Resp: 437130
Ion Ratio Lower Upper
105 100
120 45.7 25.2 75.6





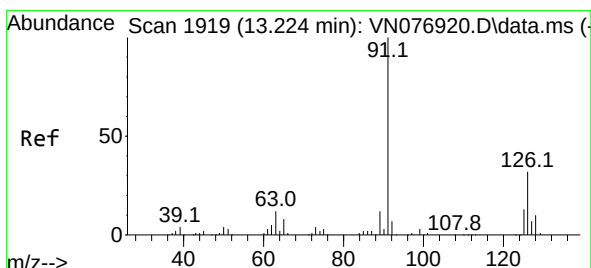
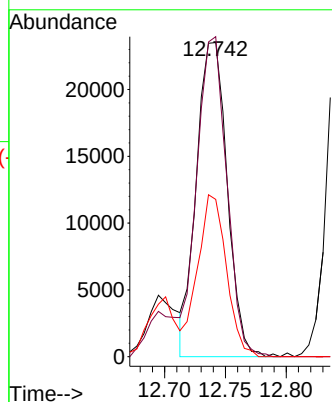
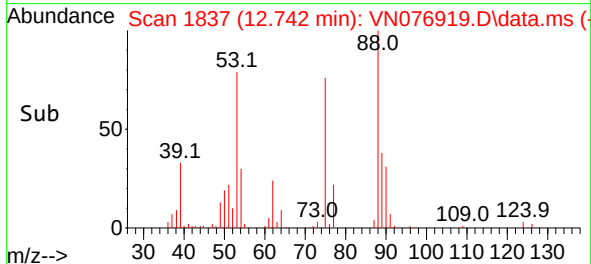
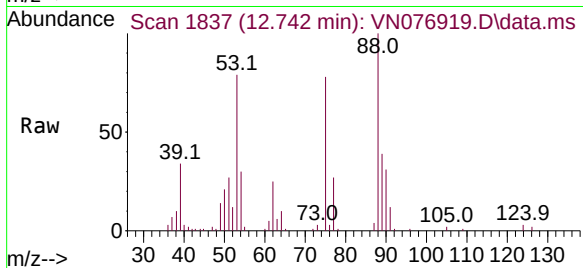
#81
trans-1,4-Dichloro-2-butene
Concen: 19.613 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 41275
Ion Ratio Lower Upper
75 100
53 98.5 67.4 101.0
89 48.5 39.5 59.3

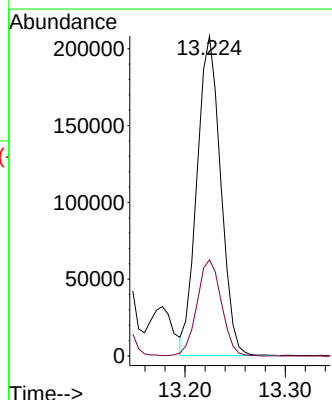
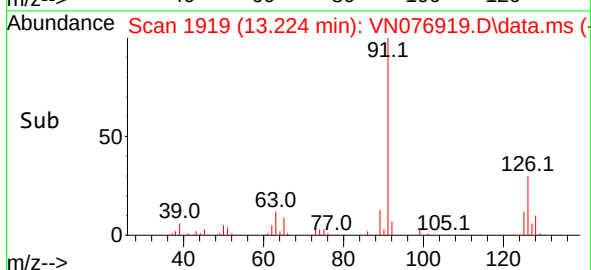
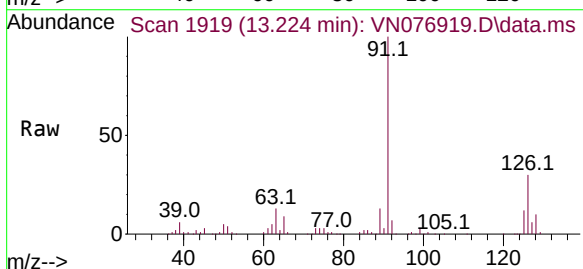
Manual Integrations
APPROVED

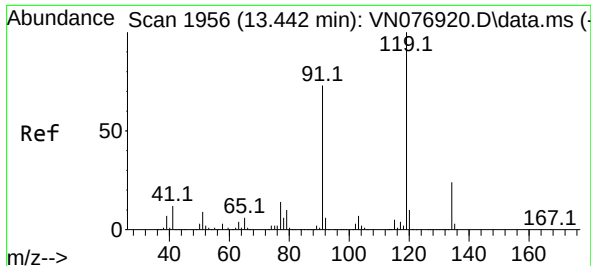
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 20.537 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

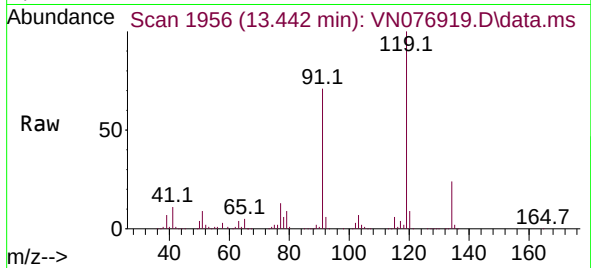
Tgt Ion: 91 Resp: 341668
Ion Ratio Lower Upper
91 100
126 31.0 18.0 54.0





#83
tert-Butylbenzene
Concen: 21.265 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

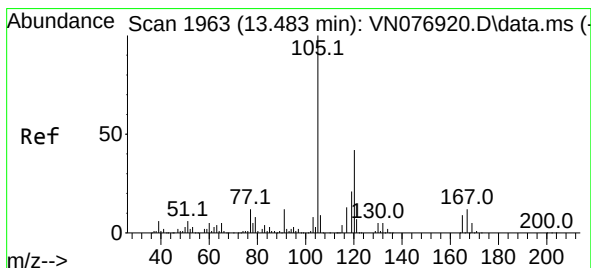
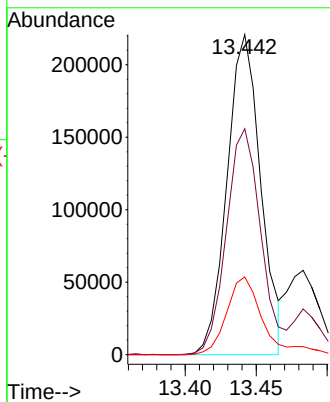
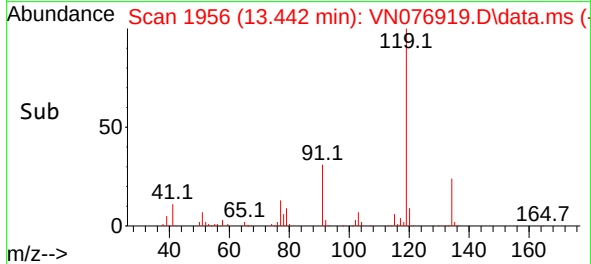
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



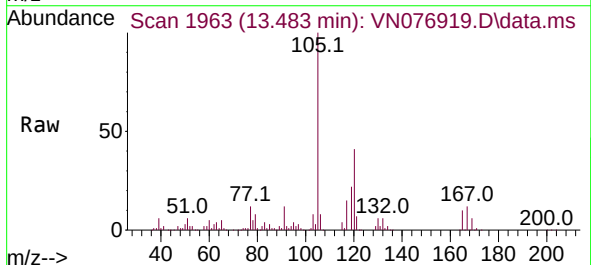
Tgt Ion:119 Resp: 365352
Ion Ratio Lower Upper
119 100
91 72.8 31.9 95.5
134 26.2 13.8 41.4

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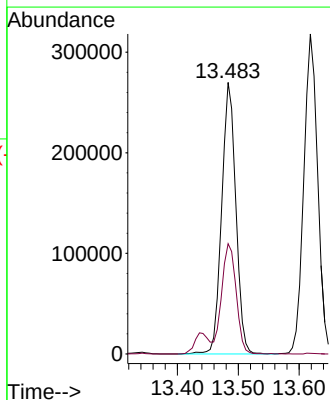
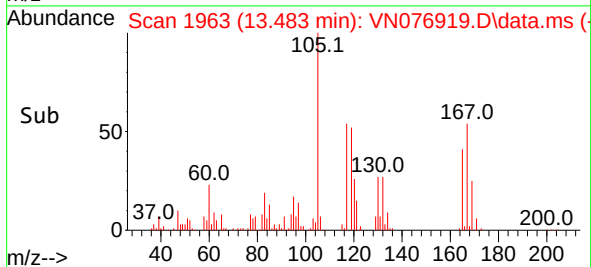
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

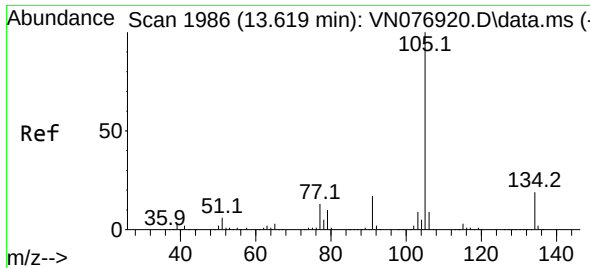


#84
1,2,4-Trimethylbenzene
Concen: 21.991 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34



Tgt Ion:105 Resp: 436138
Ion Ratio Lower Upper
105 100
120 42.0 23.6 70.8





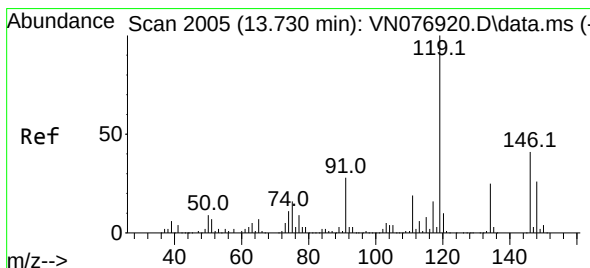
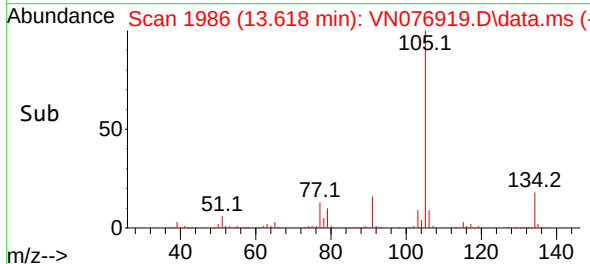
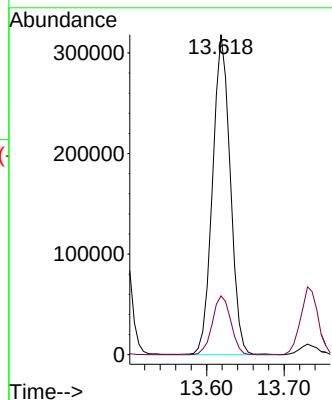
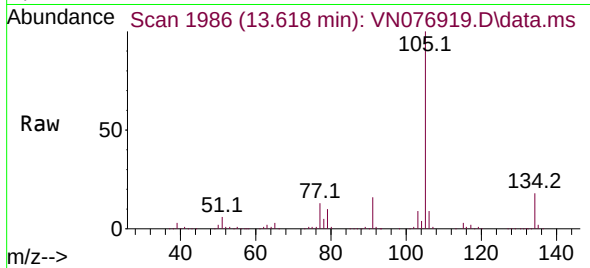
#85
 sec-Butylbenzene
 Concen: 20.998 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 50369
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2

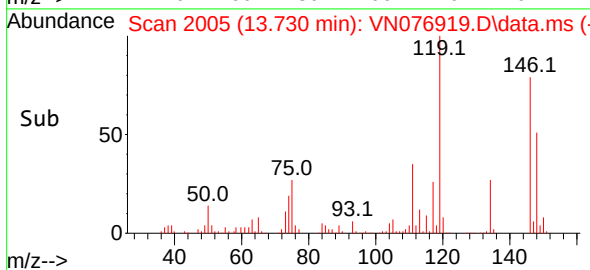
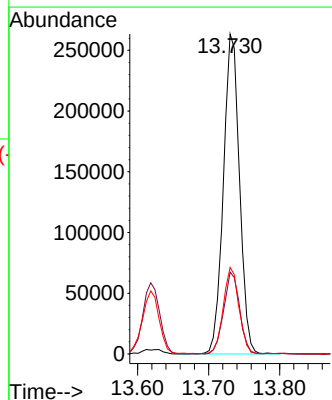
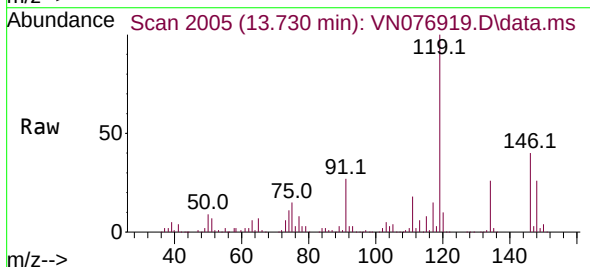
Manual Integrations
 APPROVED

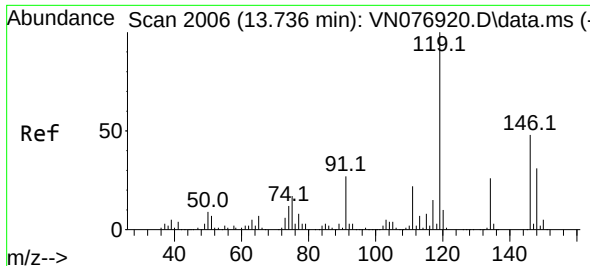
Reviewed By :John Carbone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 21.553 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076919.D
 Acq: 10 Mar 2023 12:34

Tgt Ion:119 Resp: 413536
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 26.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 20.029 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 19414

Ion Ratio Lower Upper

146 100

111 44.7 20.4 61.2

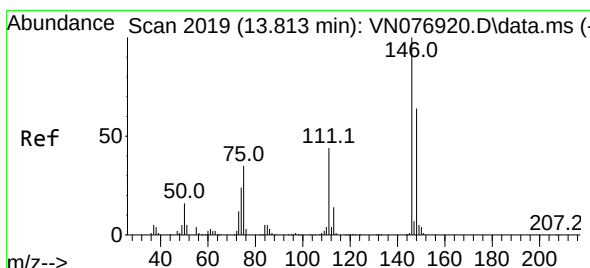
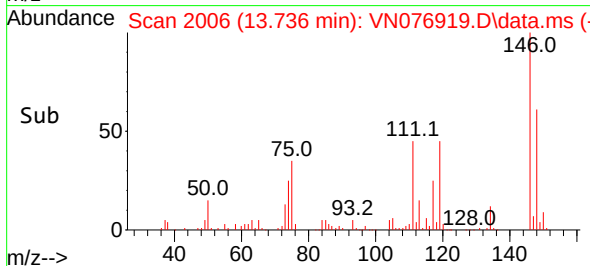
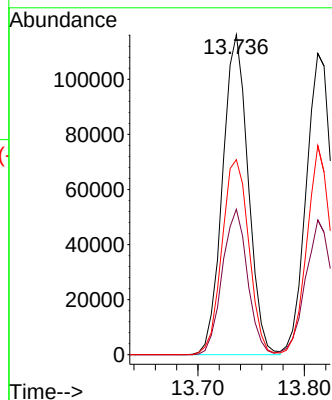
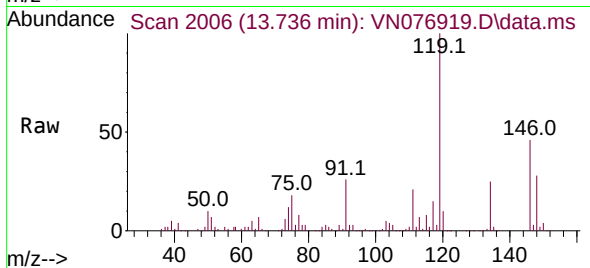
148 63.9 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#88

1,4-Dichlorobenzene

Concen: 19.063 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

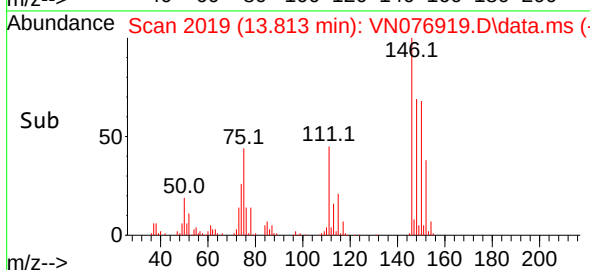
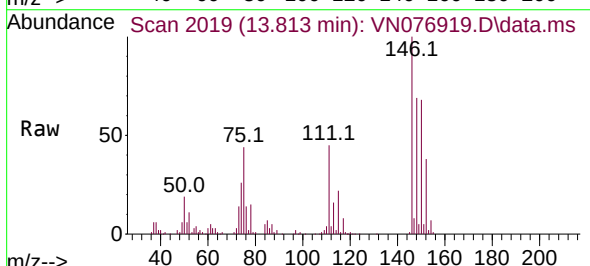
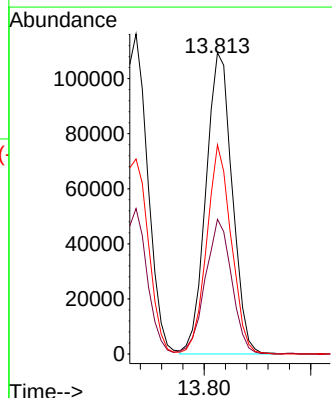
Tgt Ion:146 Resp: 187620

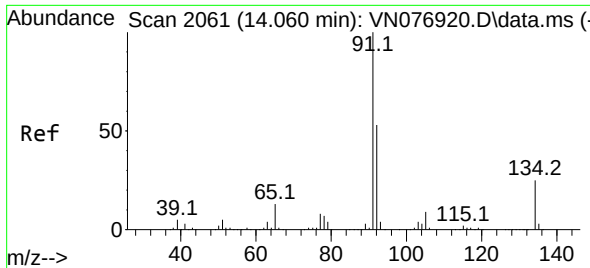
Ion Ratio Lower Upper

146 100

111 45.0 20.0 60.0

148 65.2 31.8 95.4





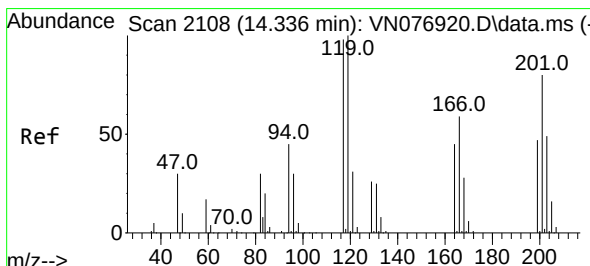
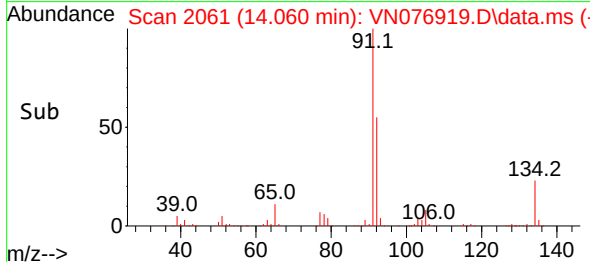
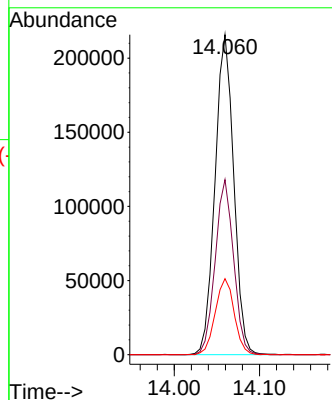
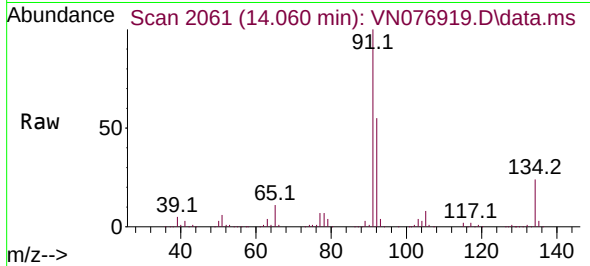
#89
n-Butylbenzene
Concen: 19.884 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 32959
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 24.1 13.6 40.7

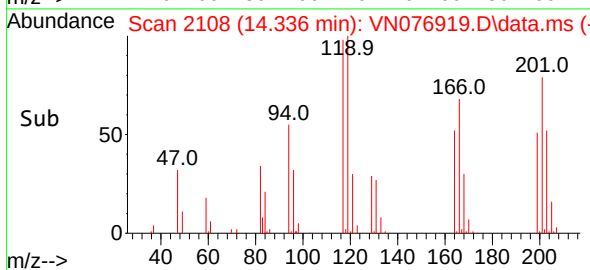
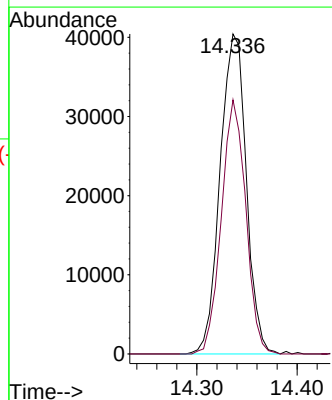
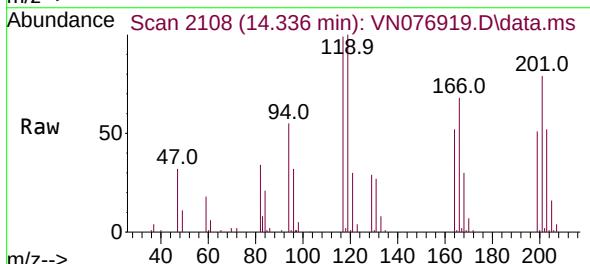
Manual Integrations
APPROVED

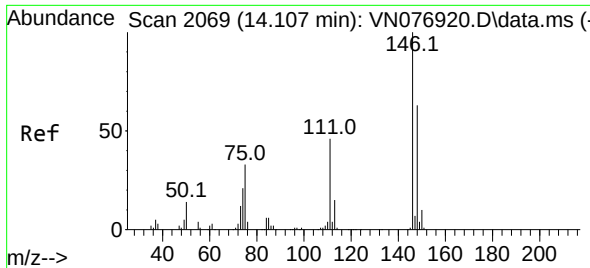
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 21.146 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:117 Resp: 73306
Ion Ratio Lower Upper
117 100
201 74.0 31.9 95.7





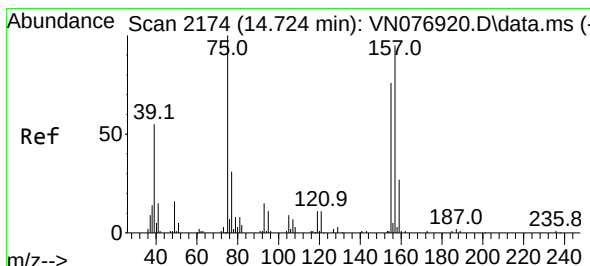
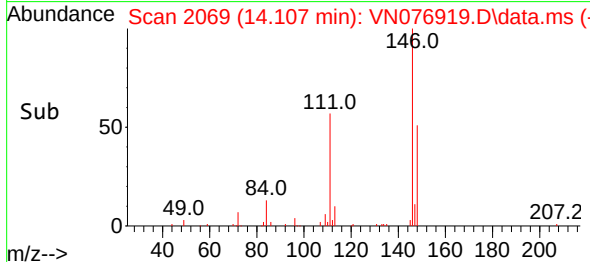
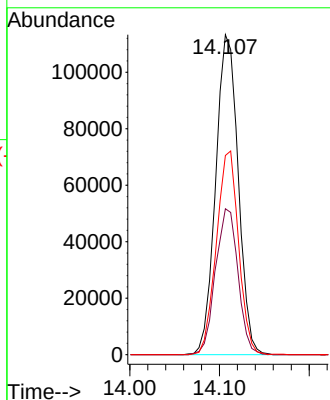
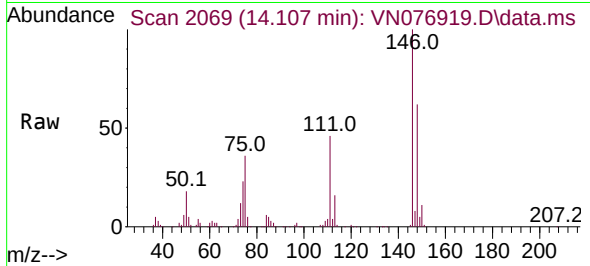
#91
1,2-Dichlorobenzene
Concen: 20.113 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 197484
Ion Ratio Lower Upper
146 100
111 45.7 21.4 64.2
148 62.7 32.0 96.0

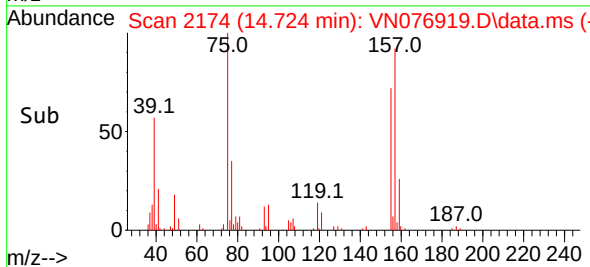
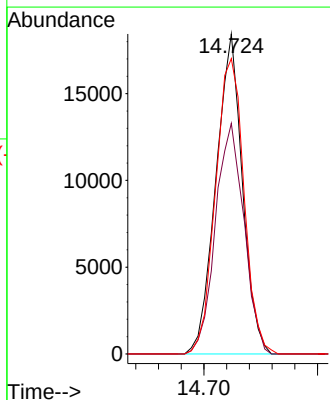
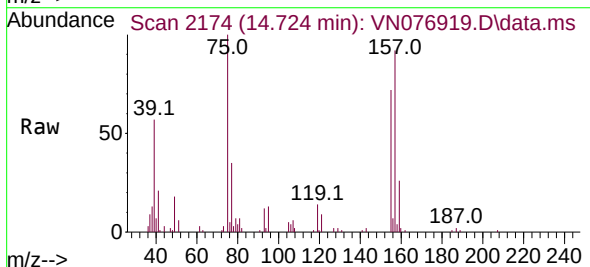
Manual Integrations
APPROVED

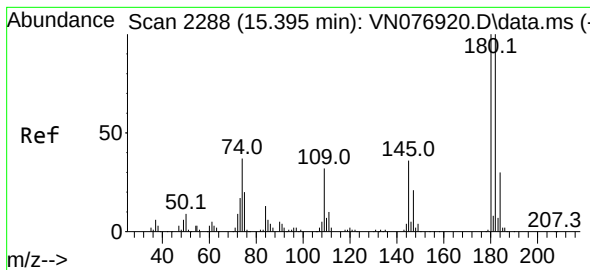
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.458 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

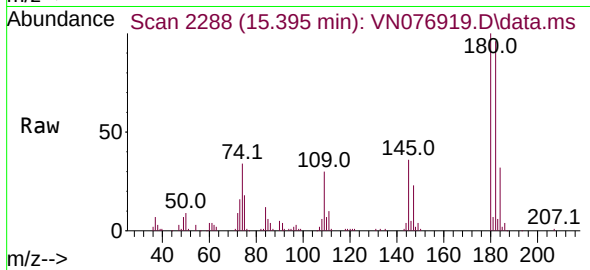
Tgt Ion: 75 Resp: 29803
Ion Ratio Lower Upper
75 100
155 77.6 44.3 132.8
157 99.3 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 21.081 ug/l
RT: 15.395 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

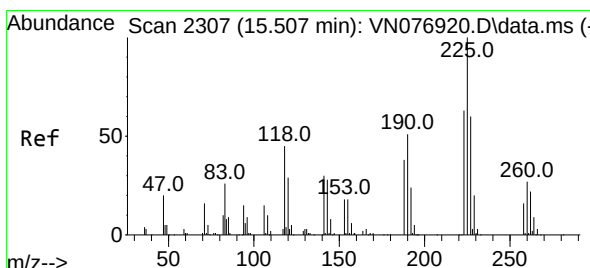
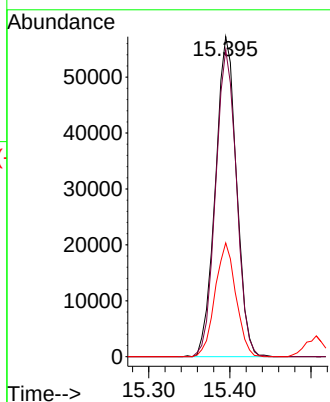
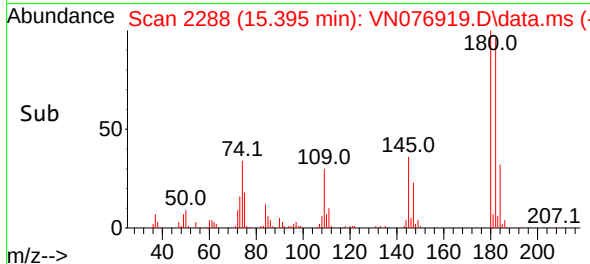
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:180 Resp: 103550
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 35.0 15.8 47.3

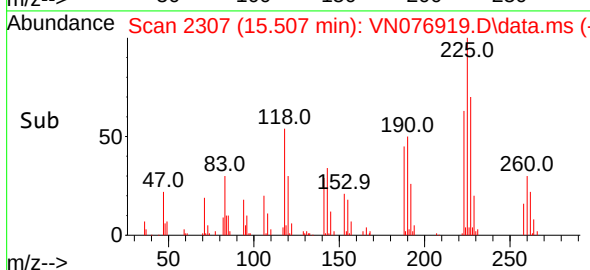
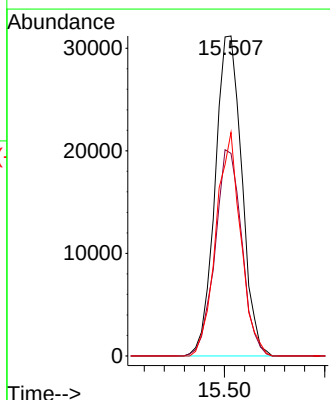
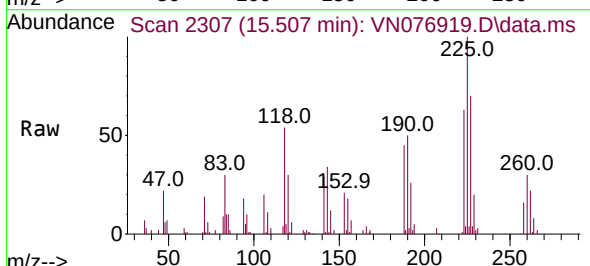
Manual Integrations
APPROVED

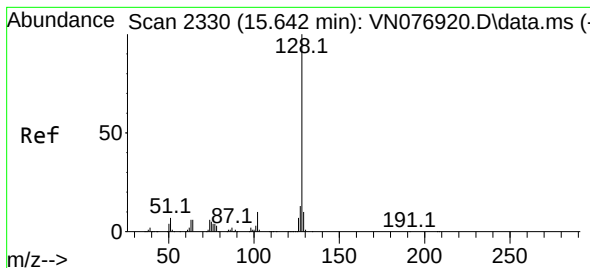
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#94
Hexachlorobutadiene
Concen: 22.544 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076919.D
Acq: 10 Mar 2023 12:34

Tgt Ion:225 Resp: 57657
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.0
227 64.7 30.9 92.7





#95

Naphthalene

Concen: 21.117 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

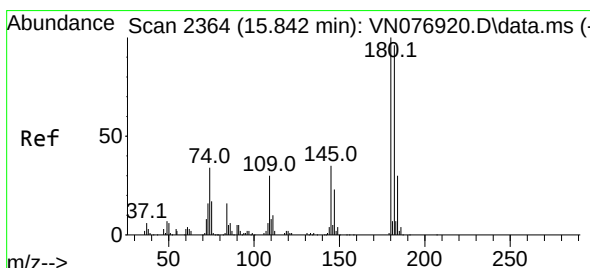
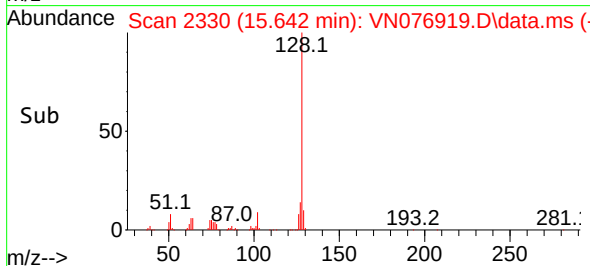
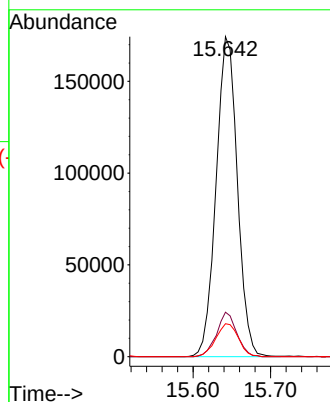
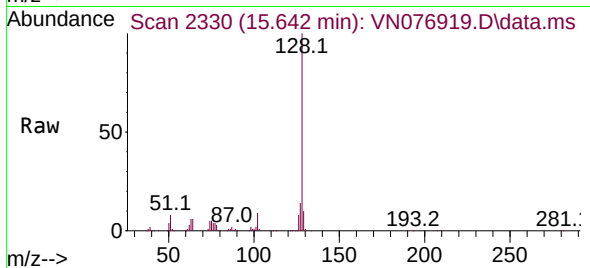
Tgt Ion:128 Resp: 33224
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 22.021 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076919.D

Acq: 10 Mar 2023 12:34

Tgt Ion:180 Resp: 106315
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 36.5 17.0 51.0

