

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075891.D
 Acq On : 20 Dec 2022 12:11
 Operator : JC\MD
 Sample : VN1220WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 01:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	316405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182085	52.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.171	113	168951	53.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.571	98	622681	53.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.853	95	209920	54.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	41630	18.530	ug/l	92
3) Chloromethane	2.371	50	48926	17.514	ug/l	95
4) Vinyl Chloride	2.530	62	57906	17.377	ug/l	98
5) Bromomethane	2.965	94	51116	18.049	ug/l	96
6) Chloroethane	3.130	64	43234	17.520	ug/l	98
7) Trichlorofluoromethane	3.512	101	97543	19.291	ug/l	94
8) Diethyl Ether	3.977	74	38910	21.068	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	57795	20.017	ug/l	99
10) Methyl Iodide	4.606	142	89802	19.165	ug/l	99
11) Tert butyl alcohol	5.530	59	49938	102.528	ug/l	99
12) 1,1-Dichloroethene	4.359	96	54325	19.372	ug/l	98
13) Acrolein	4.189	56	65409	109.539	ug/l	98
14) Allyl chloride	5.036	41	69568	21.222	ug/l	98
15) Acrylonitrile	5.730	53	135413	101.877	ug/l	100
16) Acetone	4.442	43	114542	96.530	ug/l	98
17) Carbon Disulfide	4.724	76	116989	17.230	ug/l	96
18) Methyl Acetate	5.042	43	71726	20.450	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	201042	21.770	ug/l	99
20) Methylene Chloride	5.289	84	67122	20.772	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	60101	19.570	ug/l	92
22) Diisopropyl ether	6.683	45	170095	21.359	ug/l	96
23) Vinyl Acetate	6.618	43	565216	105.450	ug/l	98
24) 1,1-Dichloroethane	6.583	63	105215	19.811	ug/l	99
25) 2-Butanone	7.488	43	174960	105.306	ug/l	100
26) 2,2-Dichloropropane	7.500	77	92287	20.519	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	74723	20.344	ug/l	98
28) Bromochloromethane	7.818	49	46168	19.833	ug/l	100
29) Tetrahydrofuran	7.841	42	106663	102.444	ug/l	97
30) Chloroform	7.971	83	118919	19.887	ug/l	96
31) Cyclohexane	8.265	56	92891	18.843	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	105894	19.975	ug/l	97
36) 1,1-Dichloropropene	8.377	75	82989	19.946	ug/l	99
37) Ethyl Acetate	7.565	43	67907	20.319	ug/l	99
38) Carbon Tetrachloride	8.371	117	90778	19.494	ug/l	96
39) Methylcyclohexane	9.606	83	107467	21.409	ug/l	99
40) Benzene	8.612	78	257912	20.091	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36110	20.786	ug/l	95
42) 1,2-Dichloroethane	8.677	62	87579	20.521	ug/l	100
43) Isopropyl Acetate	8.694	43	120288	21.819	ug/l	100
44) Trichloroethene	9.353	130	68879	19.046	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62694	20.069	ug/l	97
46) Dibromomethane	9.712	93	46382	20.018	ug/l	97
47) Bromodichloromethane	9.888	83	92363	20.328	ug/l	98
48) Methyl methacrylate	9.688	41	54729	22.041	ug/l	99
49) 1,4-Dioxane	9.700	88	25119	411.492	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	363796	109.115	ug/l	99
52) Toluene	10.629	92	170051	20.339	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	92682	20.838	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	104568	21.413	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	68153	20.768	ug/l	94
56) Ethyl methacrylate	10.876	69	96553	22.151	ug/l	98
57) 1,3-Dichloropropane	11.165	76	111520	20.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	145000	104.484	ug/l	98
59) 2-Hexanone	11.200	43	266667	109.675	ug/l	99
60) Dibromochloromethane	11.365	129	76065	20.843	ug/l	99
61) 1,2-Dibromoethane	11.471	107	70516	21.234	ug/l	99
64) Tetrachloroethene	11.106	164	69620	21.913	ug/l	97
65) Chlorobenzene	11.894	112	184982	19.962	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	69572	20.269	ug/l	99
67) Ethyl Benzene	11.965	91	320391	20.485	ug/l	97
68) m/p-Xylenes	12.070	106	259985	41.998	ug/l	100
69) o-Xylene	12.400	106	129366	21.117	ug/l	98
70) Styrene	12.412	104	211759	21.740	ug/l	98
71) Bromoform	12.582	173	52692	21.097	ug/l #	99
73) Isopropylbenzene	12.700	105	337553	21.883	ug/l	100
74) N-amyl acetate	12.494	43	101876	22.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	95071	19.937	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71121m	16.529	ug/l	
77) Bromobenzene	12.982	156	79070	20.255	ug/l	99
78) n-propylbenzene	13.041	91	374547	22.015	ug/l	100
79) 2-Chlorotoluene	13.129	91	220564	20.769	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	278599	21.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	25723	21.519	ug/l	96
82) 4-Chlorotoluene	13.129	91	220564	20.769	ug/l	98
83) tert-Butylbenzene	13.441	119	248290	21.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	280053	21.867	ug/l	100
85) sec-Butylbenzene	13.617	105	348837	22.204	ug/l	99
86) p-Isopropyltoluene	13.729	119	292229	22.354	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	149702	20.760	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	147989	20.090	ug/l	99
89) n-Butylbenzene	14.059	91	231401	21.850	ug/l	100
90) Hexachloroethane	14.335	117	49137	21.013	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	147222	20.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16868	19.936	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	74838	21.283	ug/l	99
94) Hexachlorobutadiene	15.506	225	40582	21.153	ug/l	99
95) Naphthalene	15.641	128	225549	20.748	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	72095	21.936	ug/l	98

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VN1220WBSD01

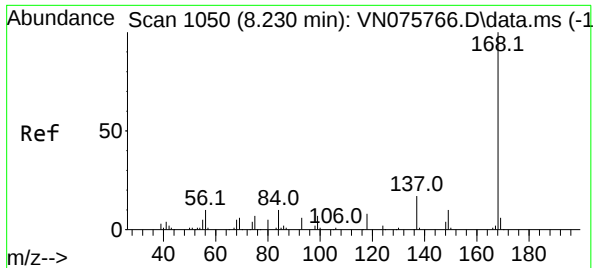
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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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



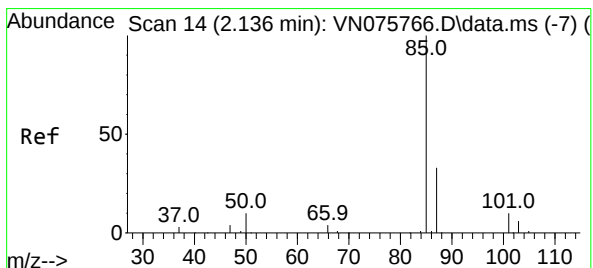
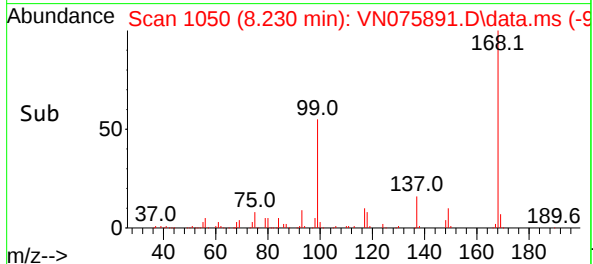
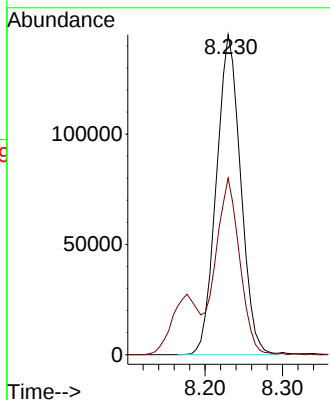
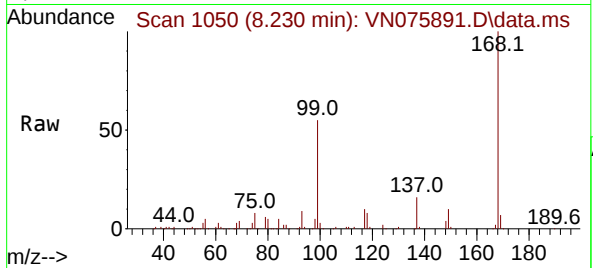
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075891.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion:168 Resp: 316409
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4

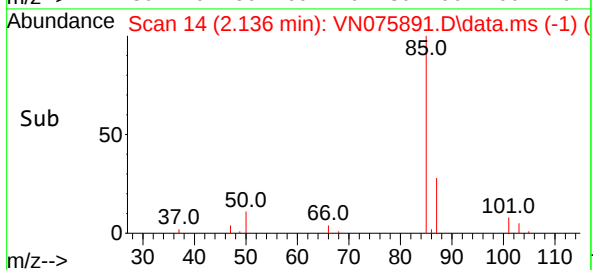
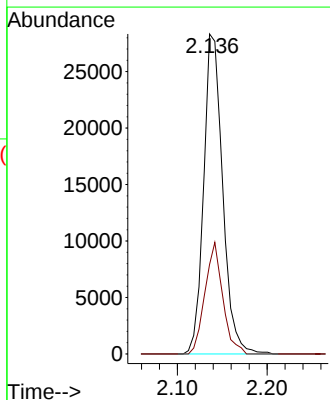
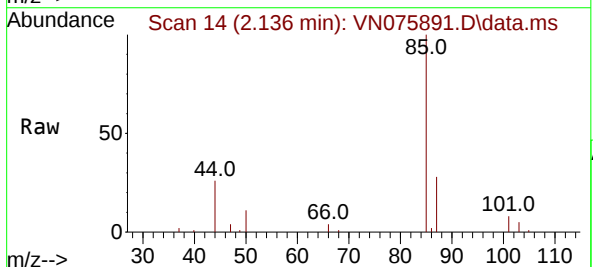
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#2
Dichlorodifluoromethane
Concen: 18.530 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

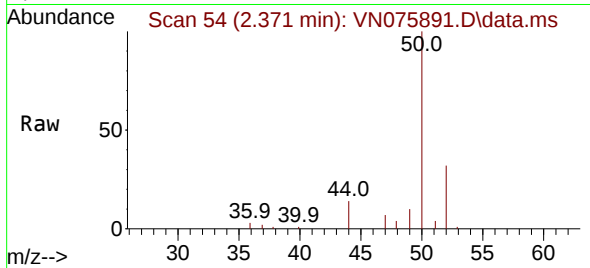
Tgt Ion: 85 Resp: 41630
Ion Ratio Lower Upper
85 100
87 28.0 16.3 48.9





#3
Chloromethane
Concen: 17.514 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

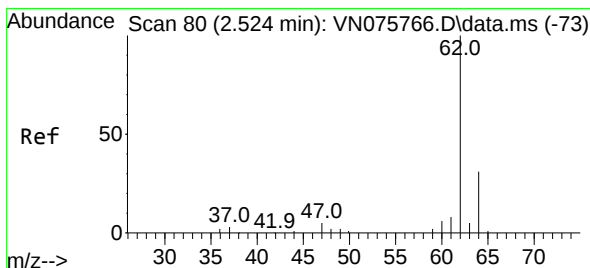
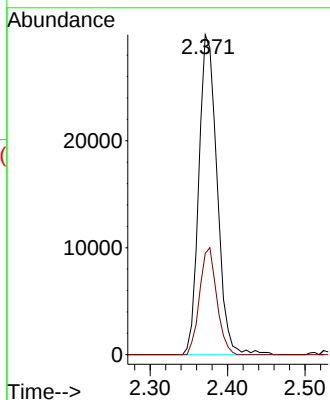
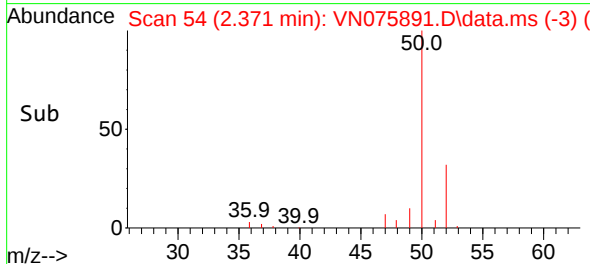
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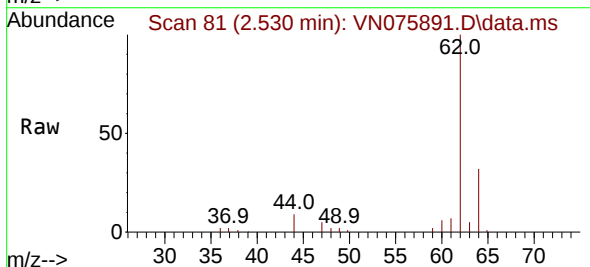
Tgt Ion: 50 Resp: 48920
Ion Ratio Lower Upper
50 100
52 31.7 27.7 41.5

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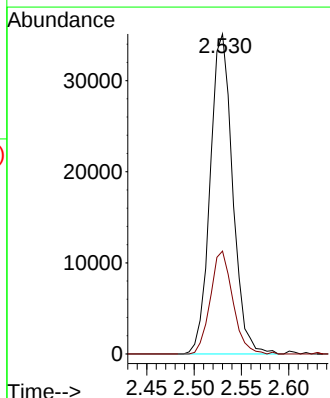
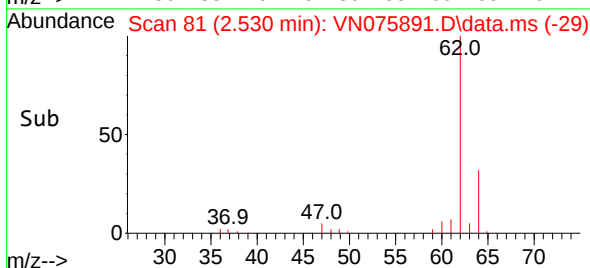
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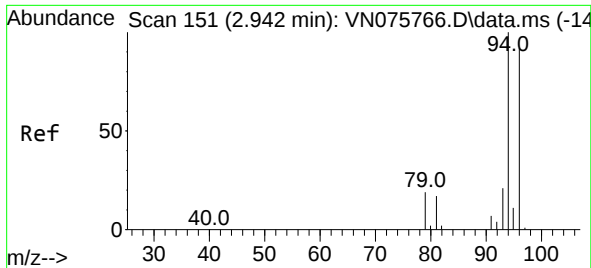


#4
Vinyl Chloride
Concen: 17.377 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion: 62 Resp: 57906
Ion Ratio Lower Upper
62 100
64 32.2 24.9 37.3





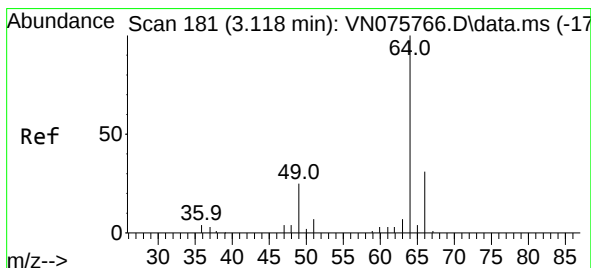
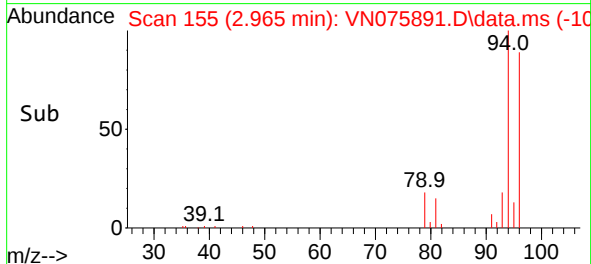
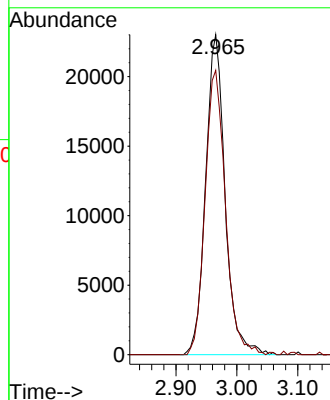
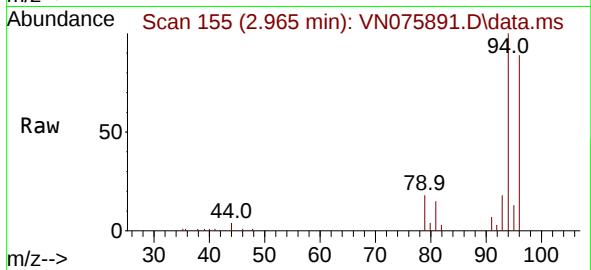
#5
Bromomethane
Concen: 18.049 ug/l
RT: 2.965 min Scan# 111
Delta R.T. 0.023 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

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Tgt Ion: 94 Resp: 51110
Ion Ratio Lower Upper
94 100
96 88.8 73.8 110.6

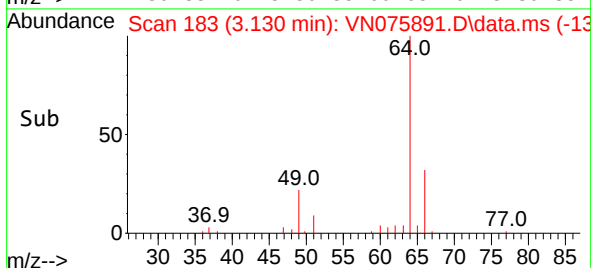
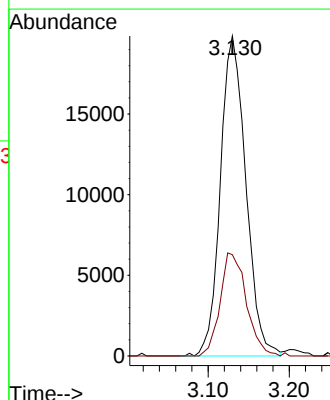
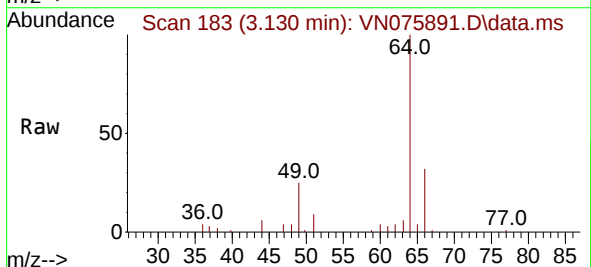
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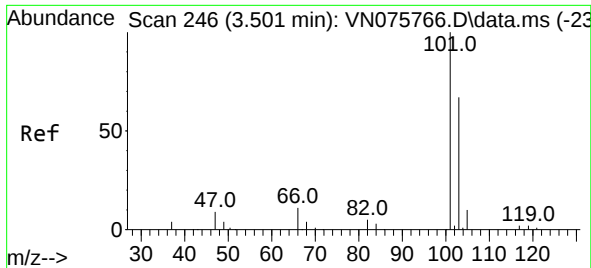
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 17.520 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

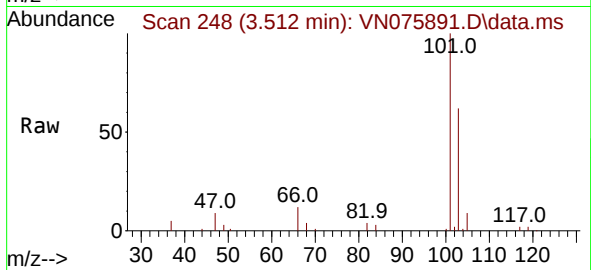
Tgt Ion: 64 Resp: 43234
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.291 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

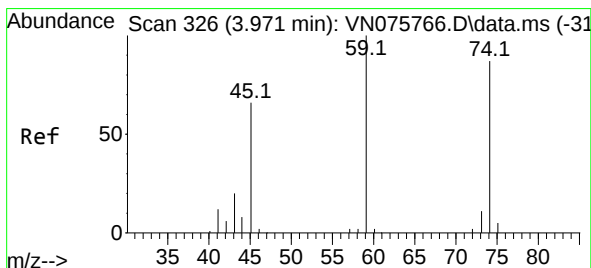
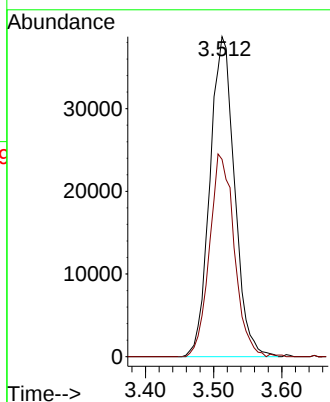
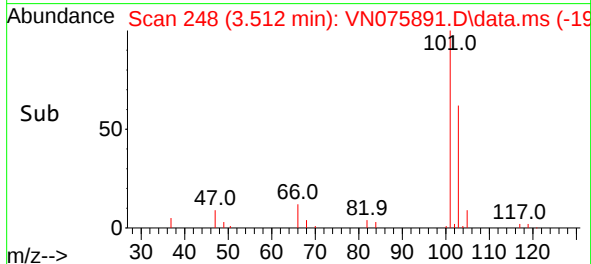
Instrument :
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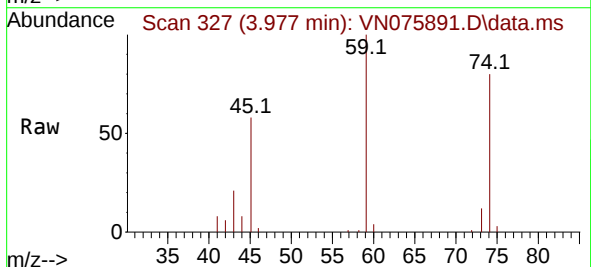
Tgt Ion:101 Resp: 9754
 Ion Ratio Lower Upper
 101 100
 103 61.6 53.4 80.2

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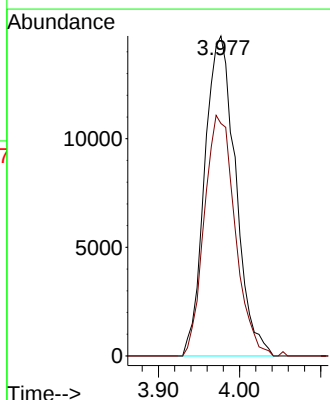
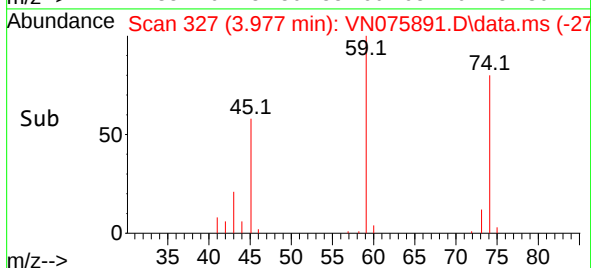
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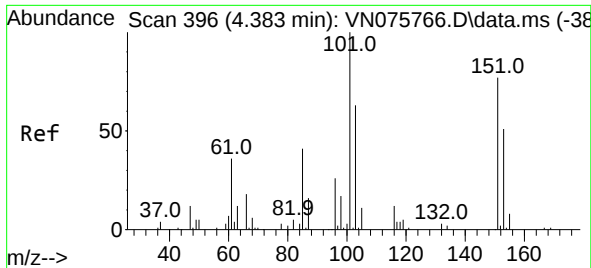


#8
 Diethyl Ether
 Concen: 21.068 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075891.D
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Tgt Ion: 74 Resp: 38910
 Ion Ratio Lower Upper
 74 100
 45 75.0 37.8 113.4





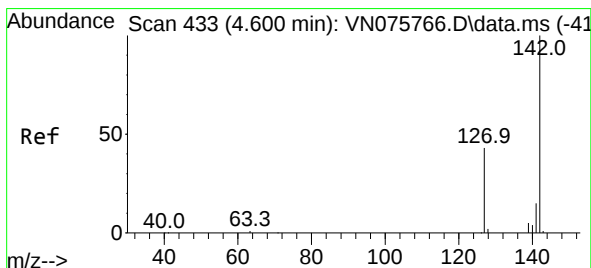
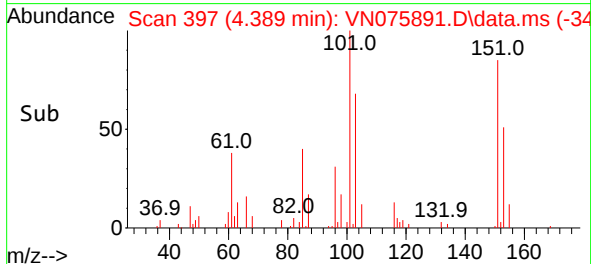
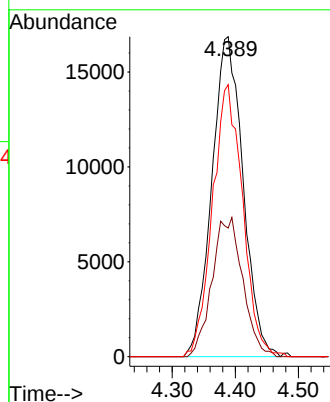
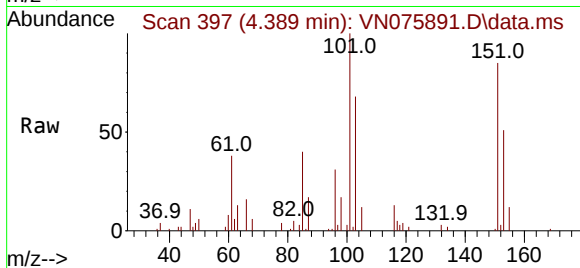
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1,1,2-Trichlorotrifluoroethane
Concen: 20.017 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075891.D
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ClientSampleId :
VN1220WBSD01

Tgt Ion:101 Resp: 5779
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 82.3 65.6 98.4

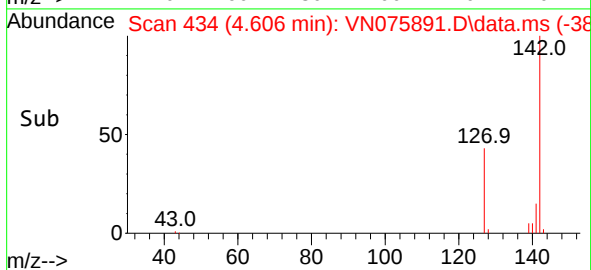
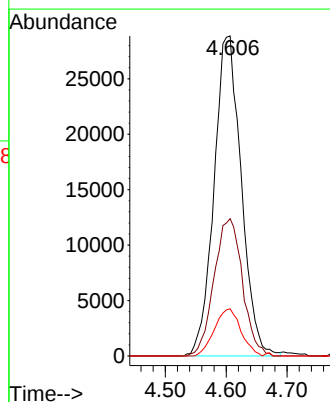
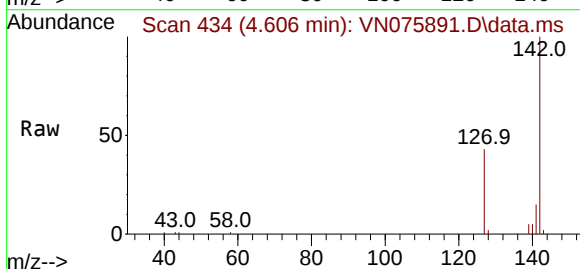
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 19.165 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

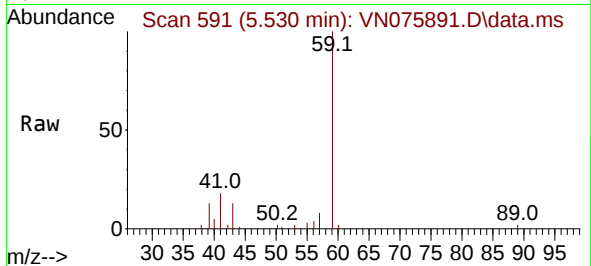
Tgt Ion:142 Resp: 89802
Ion Ratio Lower Upper
142 100
127 44.6 34.7 52.1
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 102.528 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

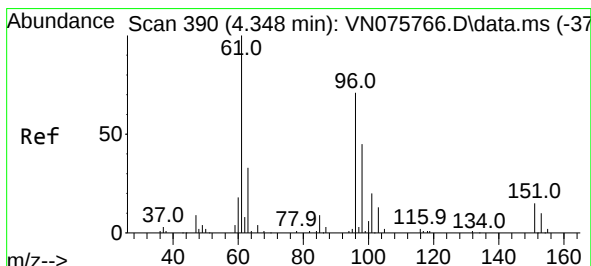
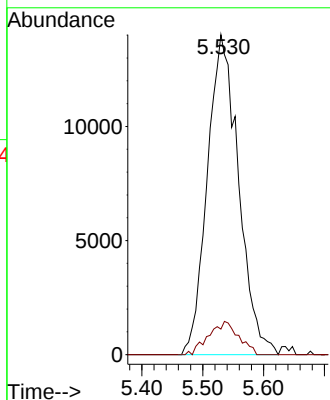
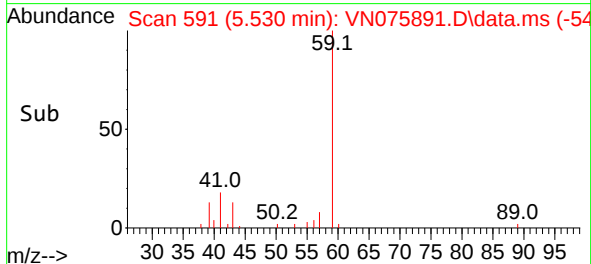
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



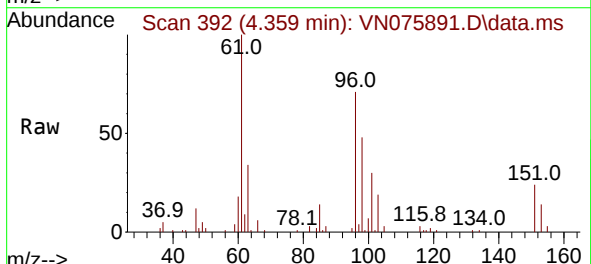
Tgt Ion: 59 Resp: 49938
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
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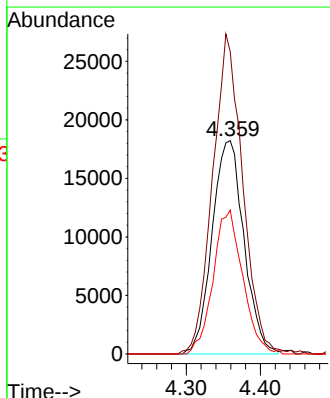
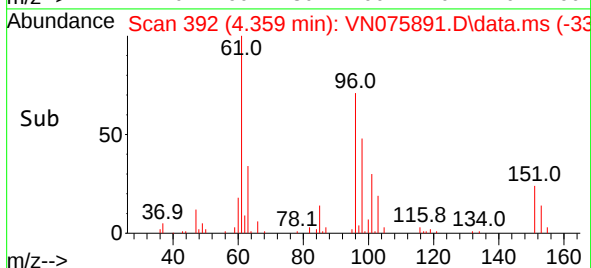
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

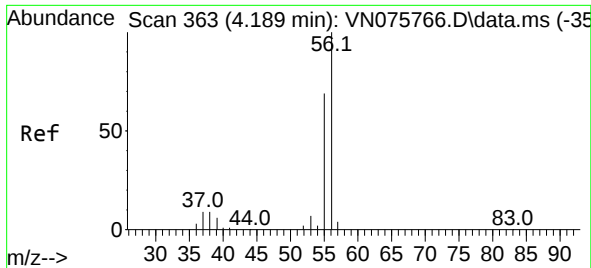


#12
1,1-Dichloroethene
Concen: 19.372 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



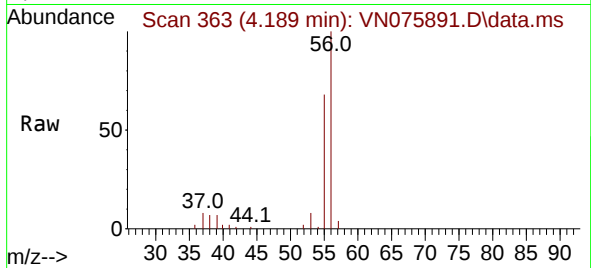
Tgt Ion: 96 Resp: 54325
Ion Ratio Lower Upper
96 100
61 141.7 113.3 169.9
98 67.4 50.9 76.3





#13
Acrolein
Concen: 109.539 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

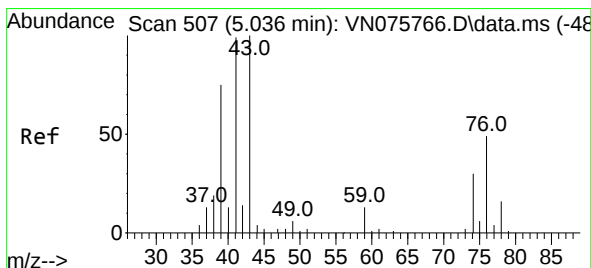
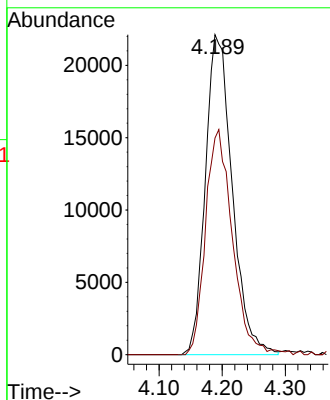
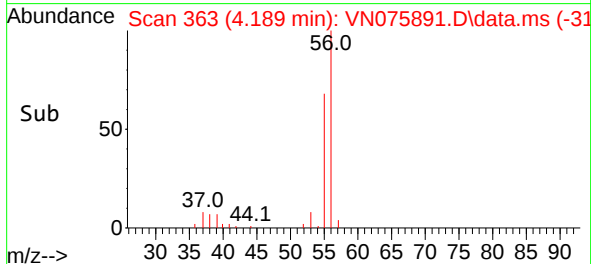
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 56 Resp: 65409
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

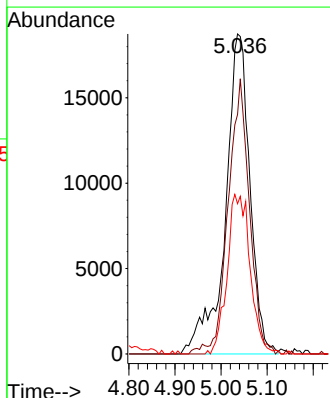
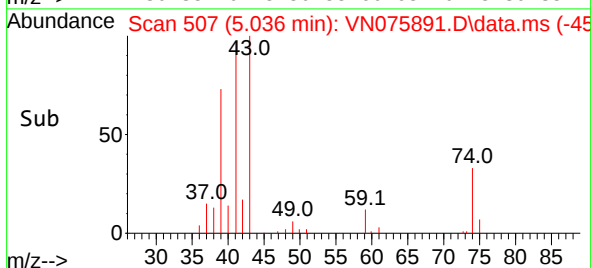
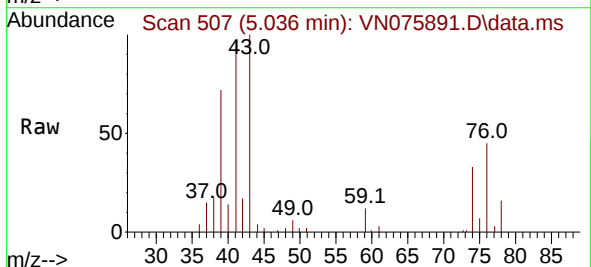
Manual Integrations
APPROVED

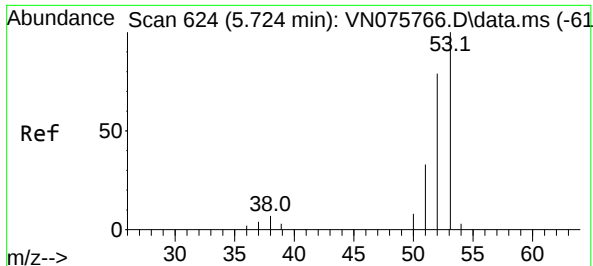
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#14
Allyl chloride
Concen: 21.222 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

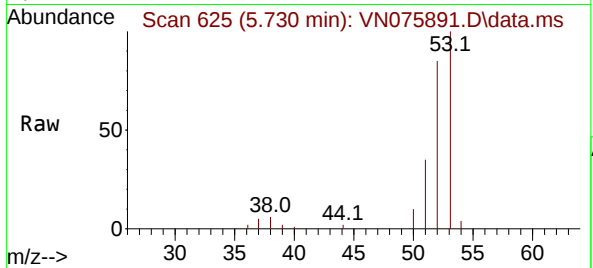
Tgt Ion: 41 Resp: 69568
Ion Ratio Lower Upper
41 100
39 74.4 58.3 87.5
76 46.5 35.8 53.6





#15
Acrylonitrile
Concen: 101.877 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

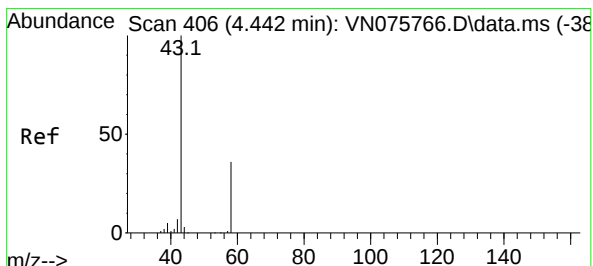
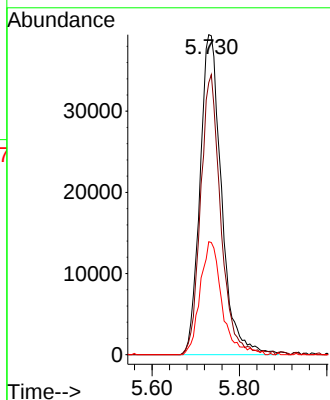
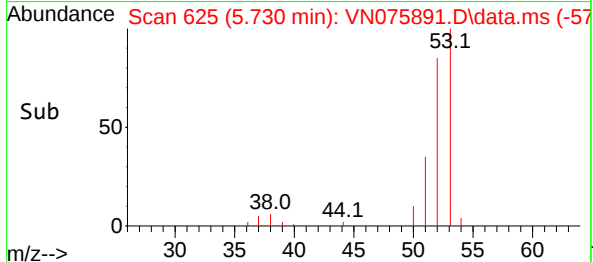
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 53 Resp: 13541
Ion Ratio Lower Upper
53 100
52 81.4 65.4 98.0
51 35.8 28.9 43.3

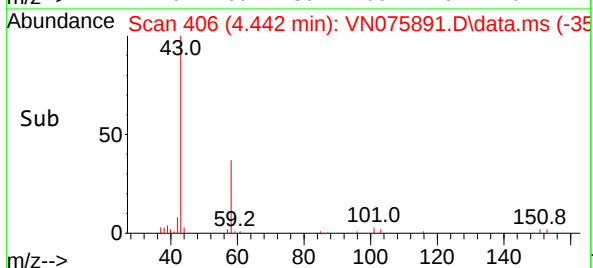
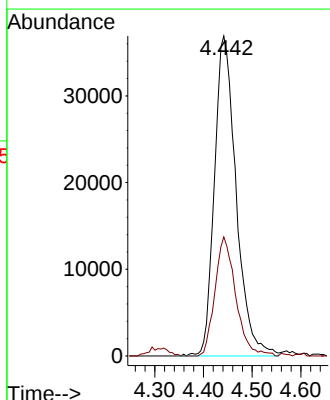
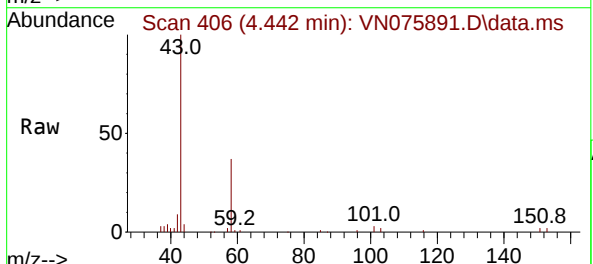
Manual Integrations
APPROVED

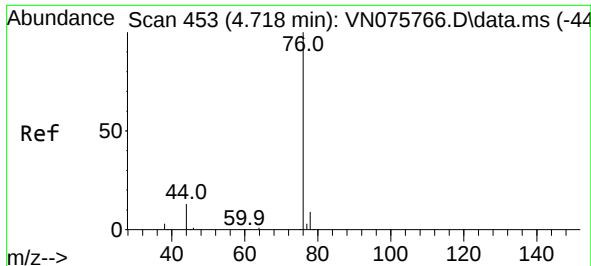
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 96.530 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 43 Resp: 114542
Ion Ratio Lower Upper
43 100
58 37.2 28.6 43.0





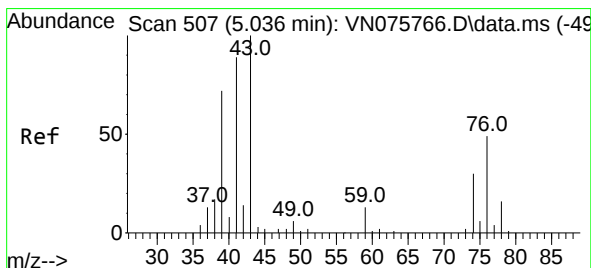
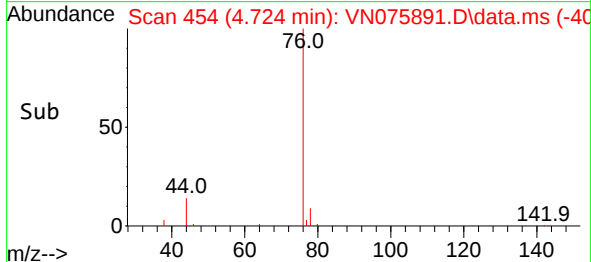
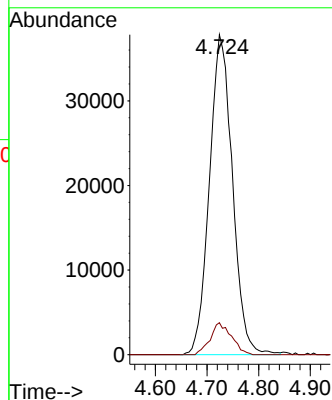
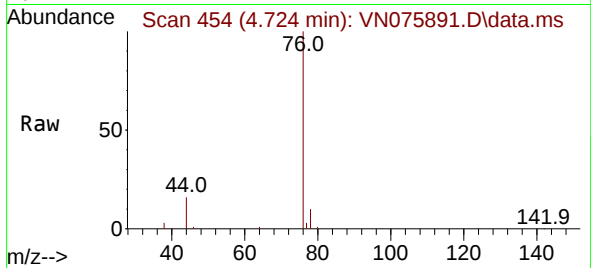
#17
Carbon Disulfide
Concen: 17.230 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 76 Resp: 116989
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

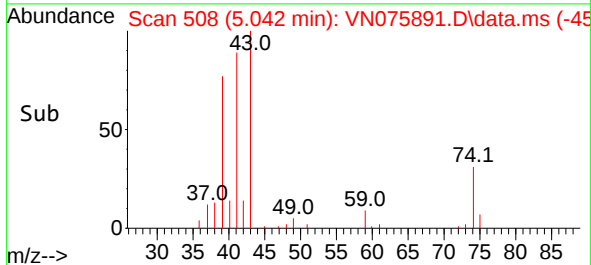
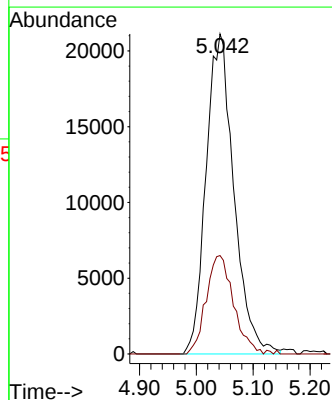
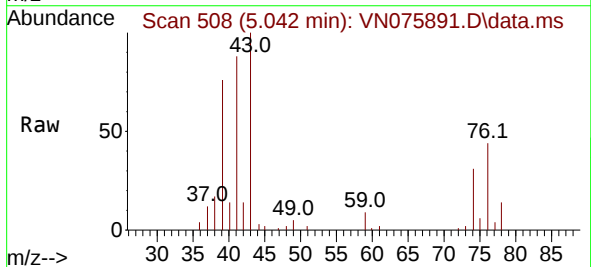
Manual Integrations
APPROVED

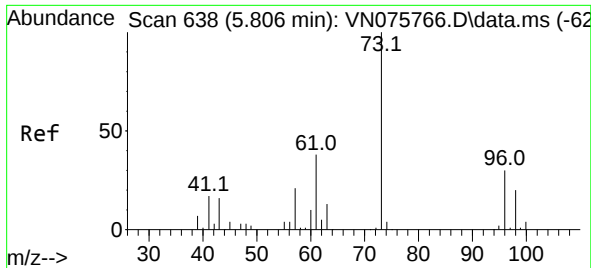
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 20.450 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 43 Resp: 71726
Ion Ratio Lower Upper
43 100
74 30.2 23.6 35.4





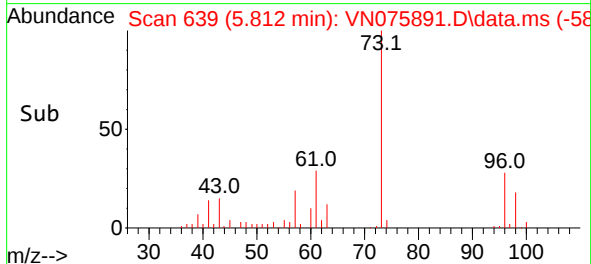
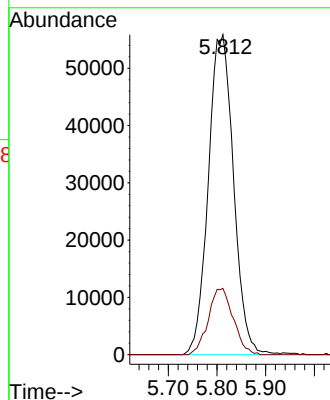
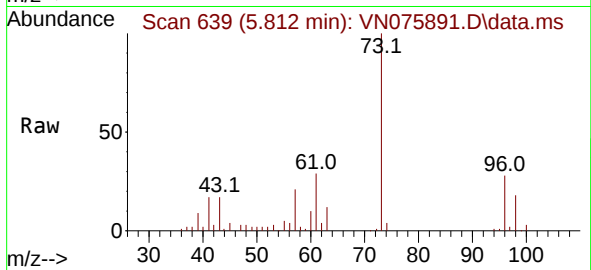
#19
Methyl tert-butyl Ether
Concen: 21.770 ug/l
RT: 5.812 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 73 Resp: 20104
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7

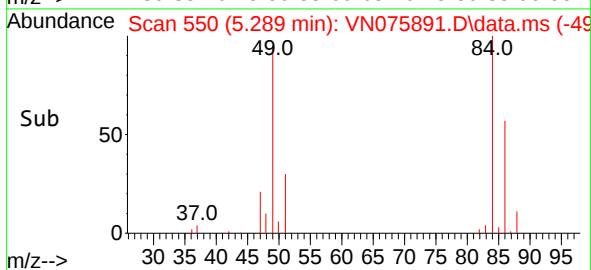
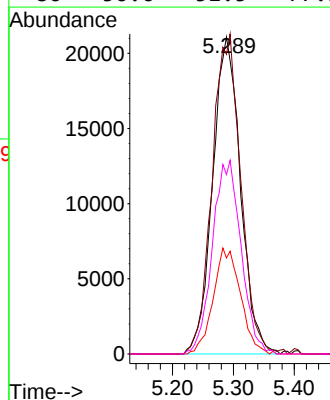
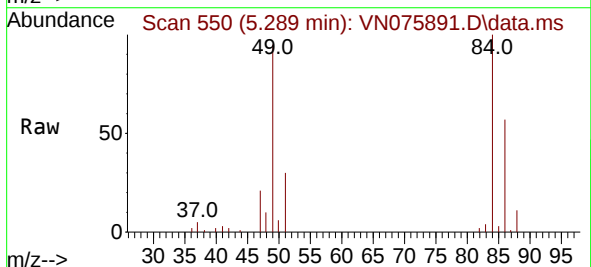
Manual Integrations
APPROVED

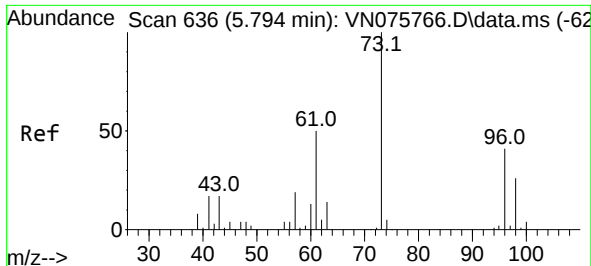
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 20.772 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 84 Resp: 67122
Ion Ratio Lower Upper
84 100
49 94.5 81.8 122.6
51 30.3 26.7 40.1
86 56.6 51.5 77.3





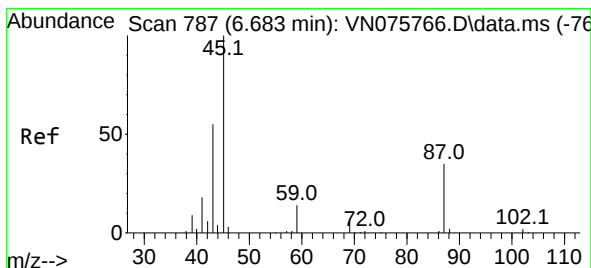
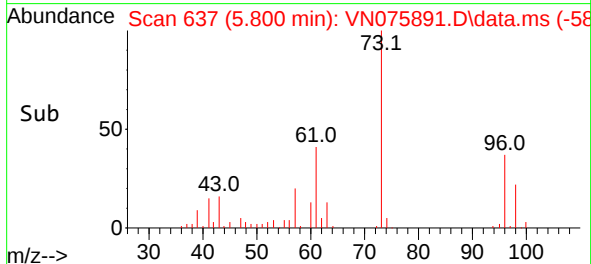
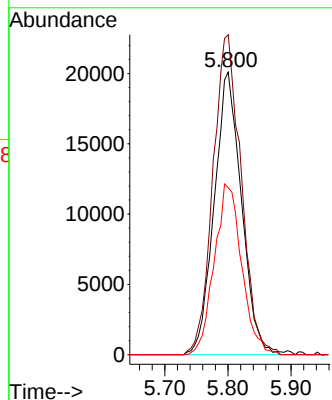
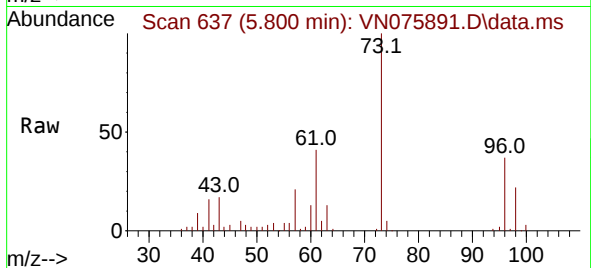
#21
trans-1,2-Dichloroethene
Concen: 19.570 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 96 Resp: 6010
Ion Ratio Lower Upper
96 100
61 113.3 98.1 147.1
98 59.1 51.4 77.2

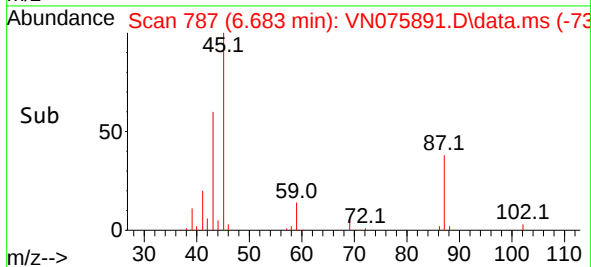
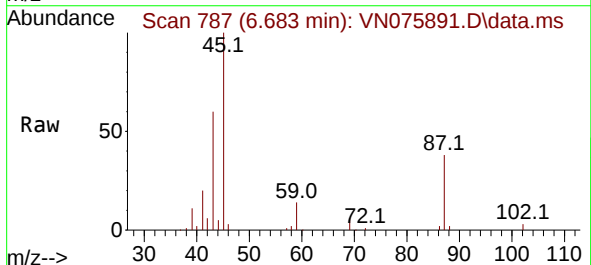
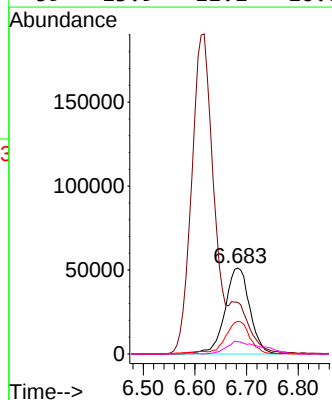
Manual Integrations
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Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 21.359 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 45 Resp: 170095
Ion Ratio Lower Upper
45 100
43 58.3 44.2 66.4
87 38.1 28.3 42.5
59 13.9 11.1 16.7





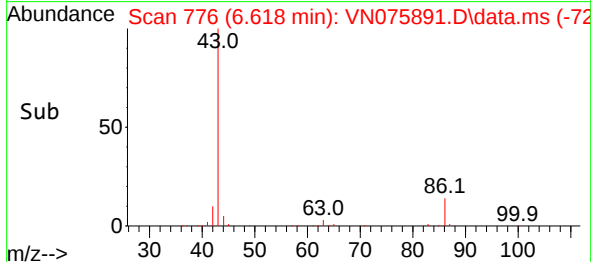
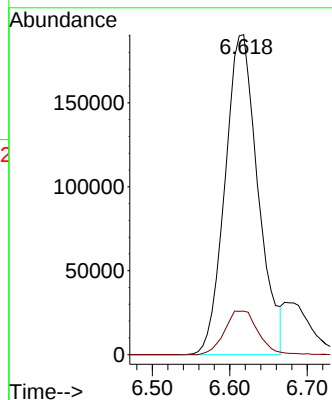
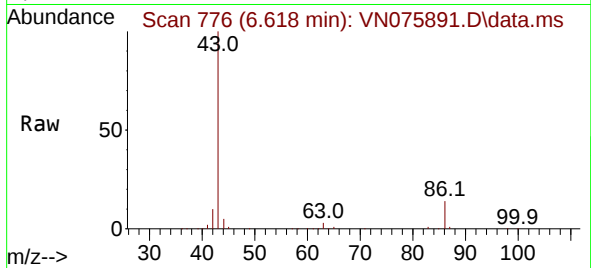
#23
 Vinyl Acetate
 Concen: 105.450 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

Tgt Ion: 43 Resp: 565210
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.4 17.2

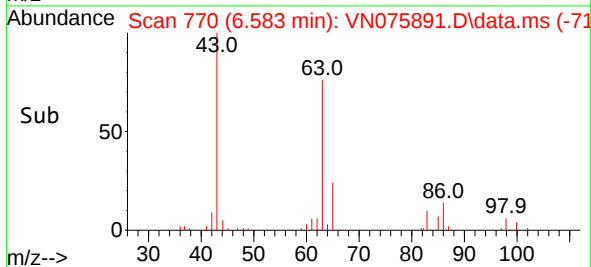
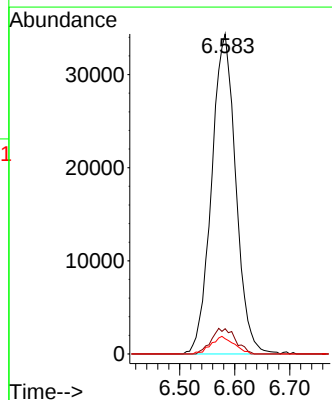
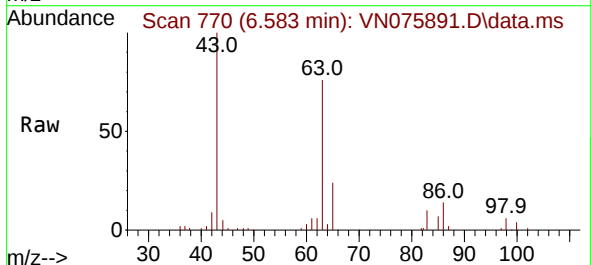
Manual Integrations
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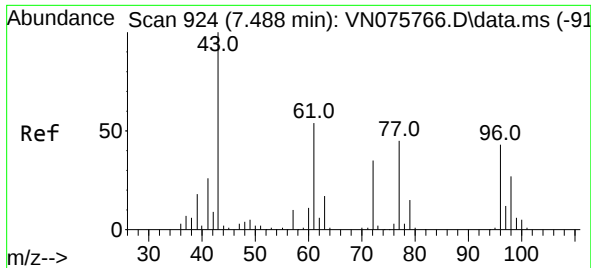
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.811 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

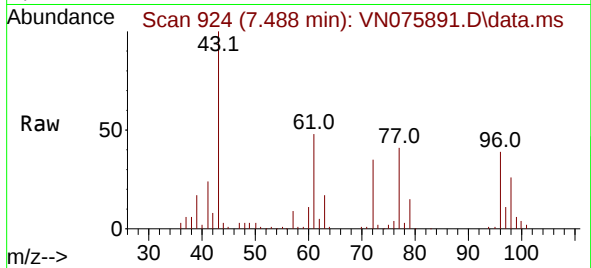
Tgt Ion: 63 Resp: 105215
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.8 2.5 7.6





#25
2-Butanone
Concen: 105.306 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

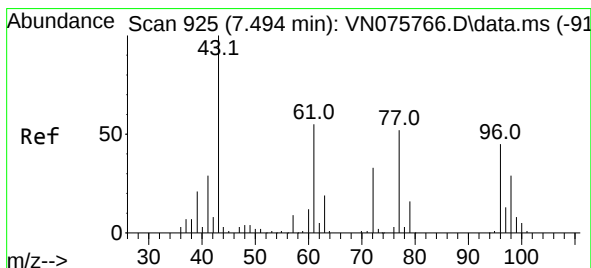
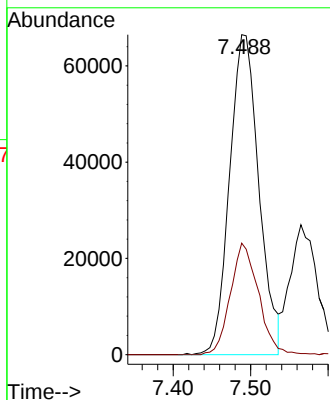
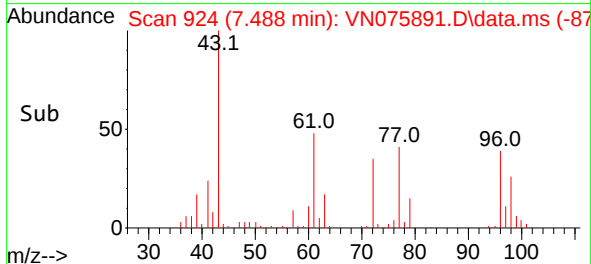
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 43 Resp: 174960
Ion Ratio Lower Upper
43 100
72 34.8 28.0 42.0

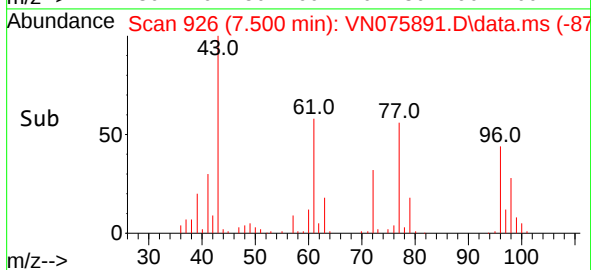
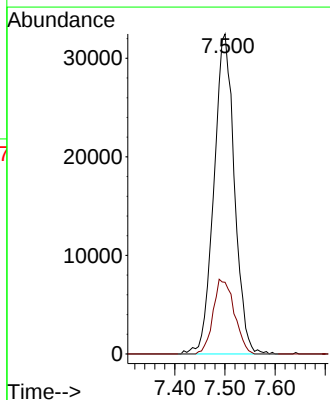
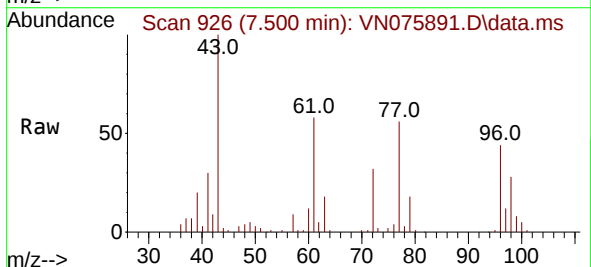
Manual Integrations
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Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#26
2,2-Dichloropropane
Concen: 20.519 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

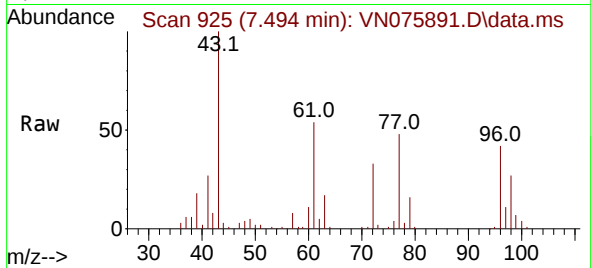
Tgt Ion: 77 Resp: 92287
Ion Ratio Lower Upper
77 100
97 24.1 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 20.344 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

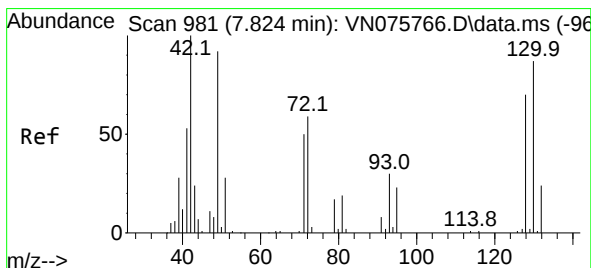
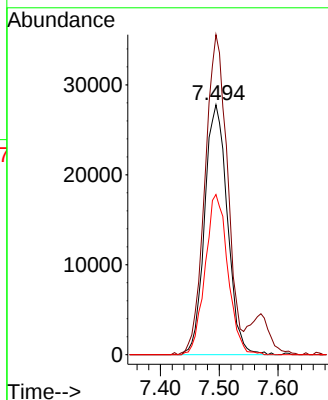
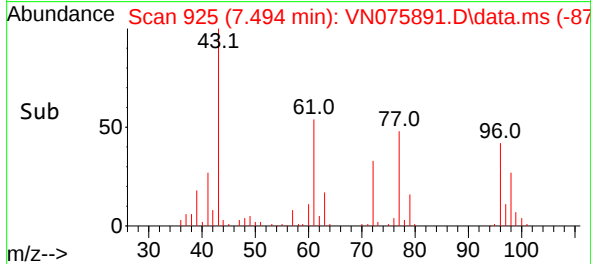
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01



Tgt Ion: 96 Resp: 7472
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 247.8
 98 63.9 0.0 128.4

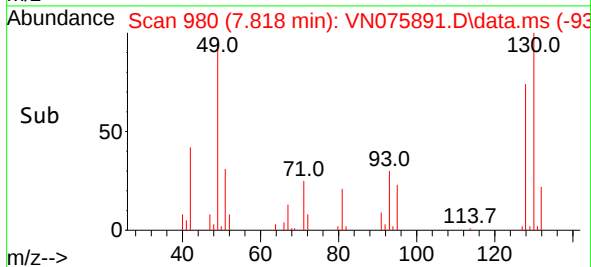
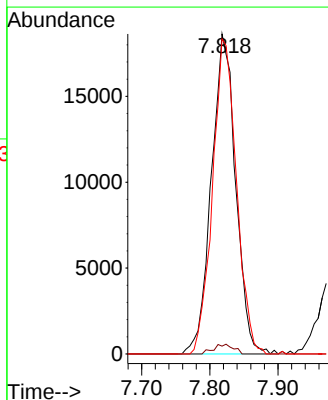
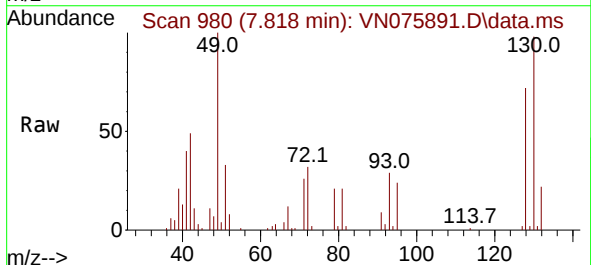
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#28
 Bromochloromethane
 Concen: 19.833 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

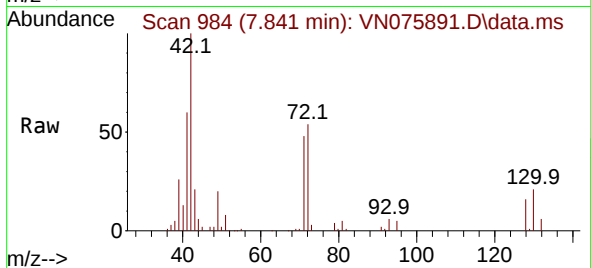
Tgt Ion: 49 Resp: 46168
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 96.7 77.0 115.4





#29
Tetrahydrofuran
Concen: 102.444 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

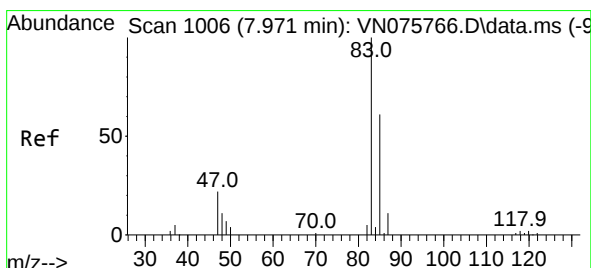
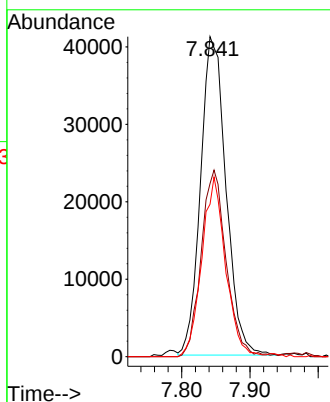
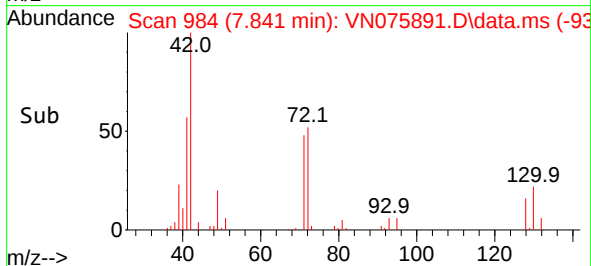
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



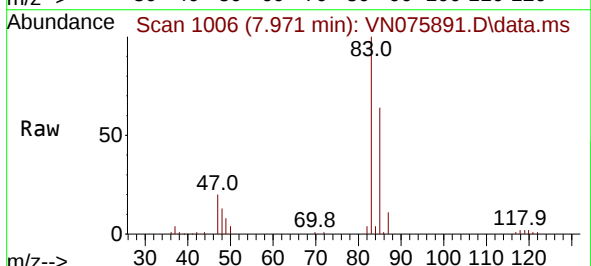
Tgt Ion: 42 Resp: 10666
Ion Ratio Lower Upper
42 100
72 57.8 44.5 66.7
71 52.7 41.0 61.6

Manual Integrations
APPROVED

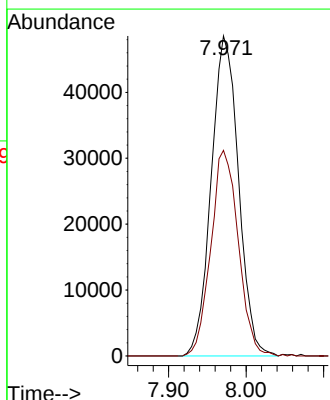
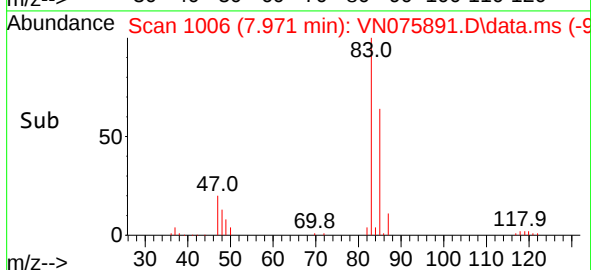
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

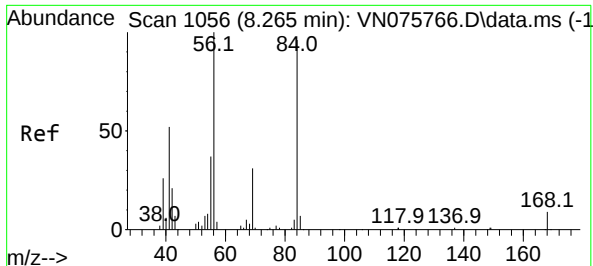


#30
Chloroform
Concen: 19.887 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion: 83 Resp: 118919
Ion Ratio Lower Upper
83 100
85 64.2 49.1 73.7





#31

Cyclohexane

Concen: 18.843 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 56 Resp: 9289

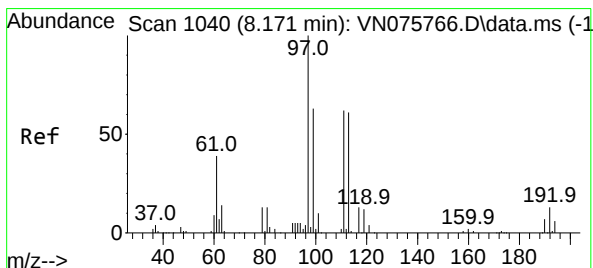
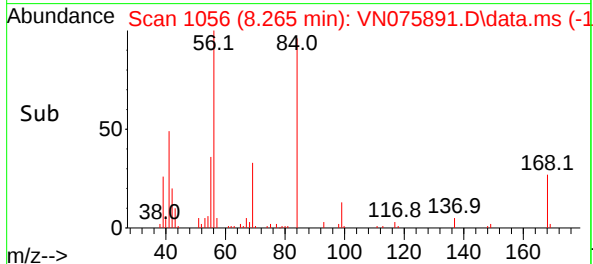
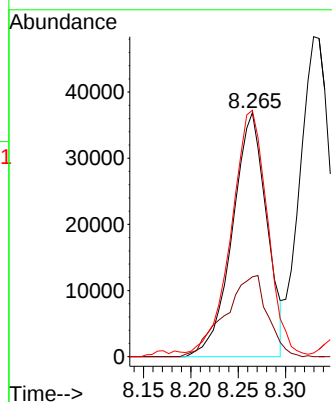
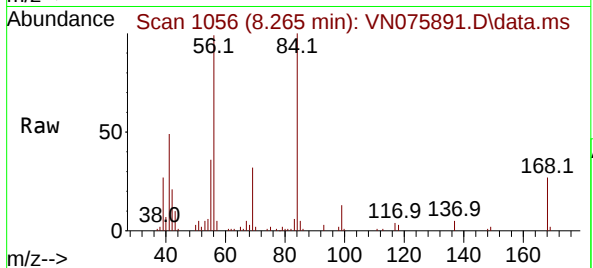
Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.7	37.1
84	99.1	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#32

1,1,1-Trichloroethane

Concen: 19.975 ug/l

RT: 8.177 min Scan# 1041

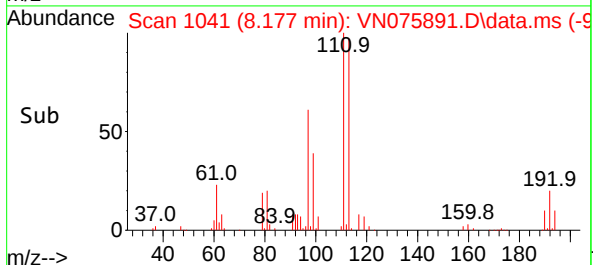
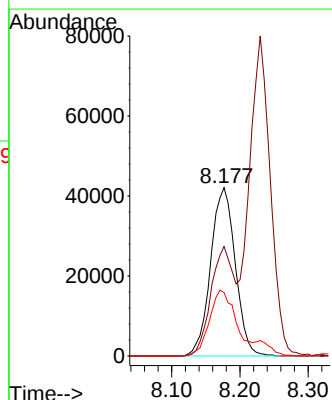
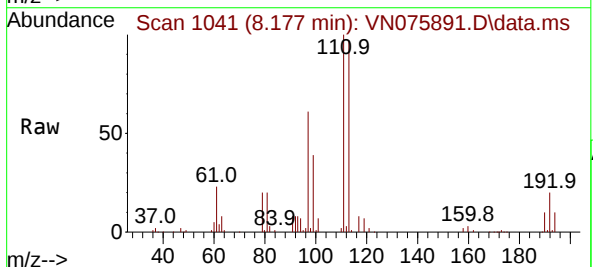
Delta R.T. 0.006 min

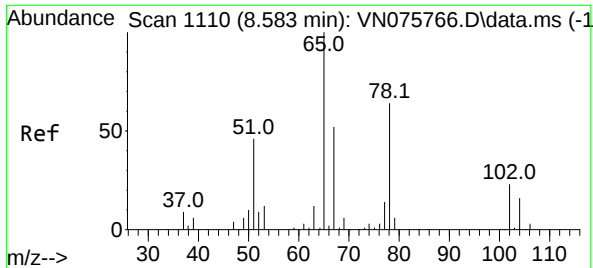
Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Tgt Ion: 97 Resp: 105894

Ion	Ratio	Lower	Upper
97	100		
99	60.0	50.2	75.2
61	42.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 52.898 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 65 Resp: 18208

Ion Ratio Lower Upper

65 100

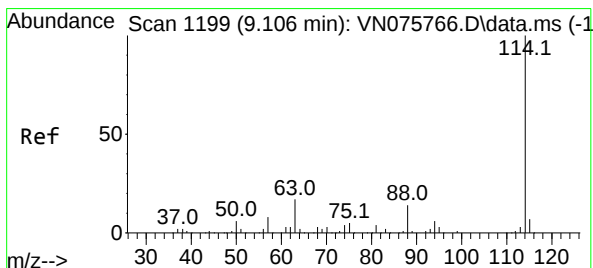
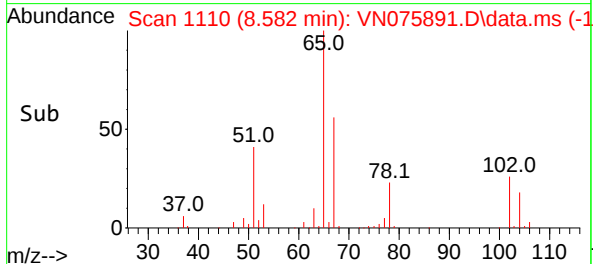
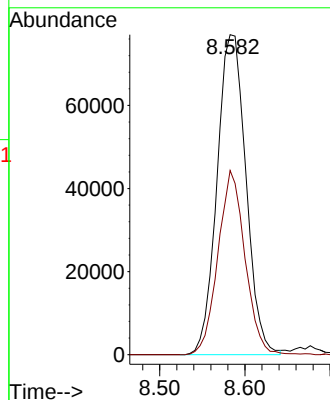
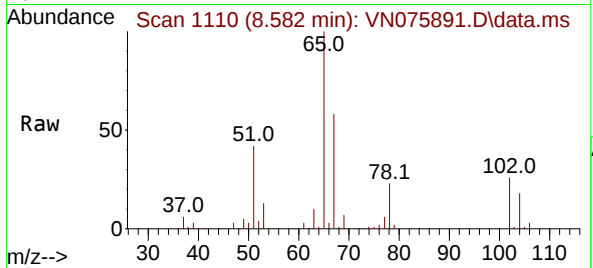
67 53.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

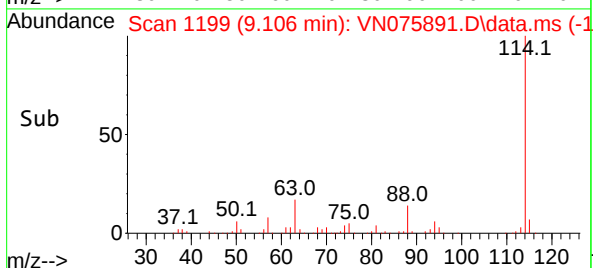
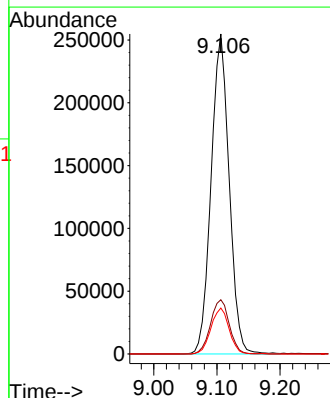
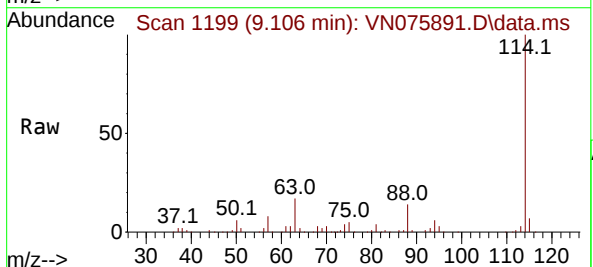
Tgt Ion:114 Resp: 505768

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.941 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion:113 Resp: 16895

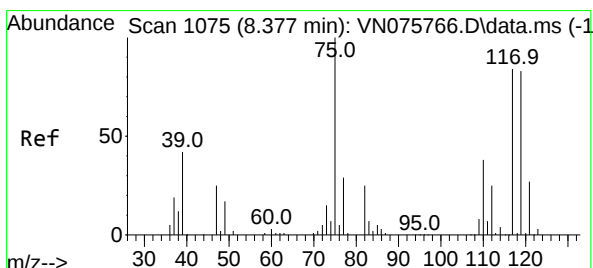
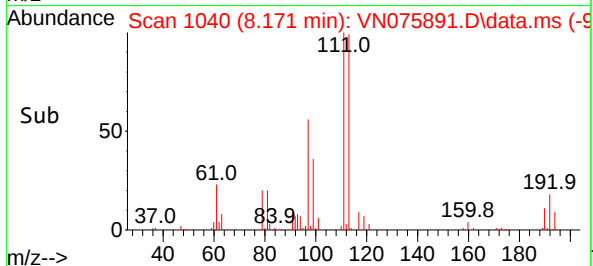
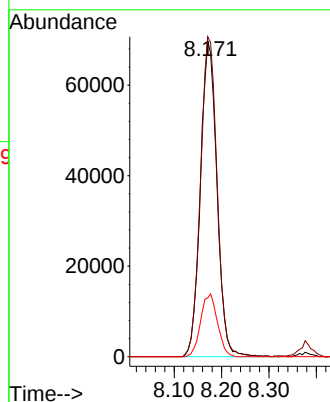
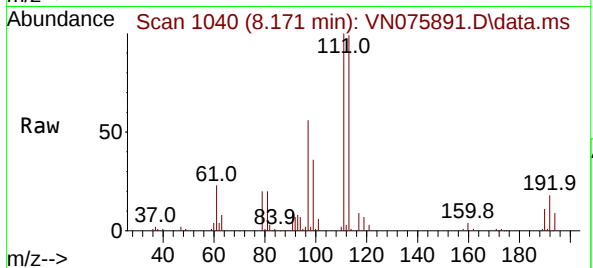
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	20.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 19.946 ug/l

RT: 8.377 min Scan# 1075

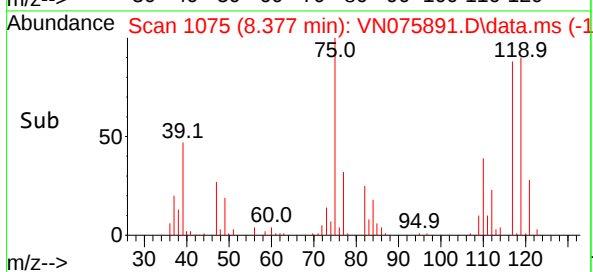
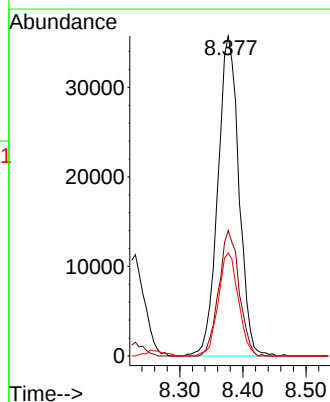
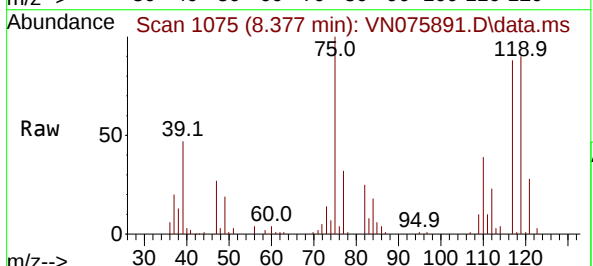
Delta R.T. -0.000 min

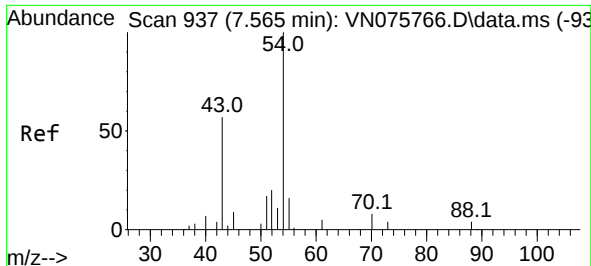
Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Tgt Ion: 75 Resp: 82989

Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.8	56.4
77	30.6	24.1	36.1





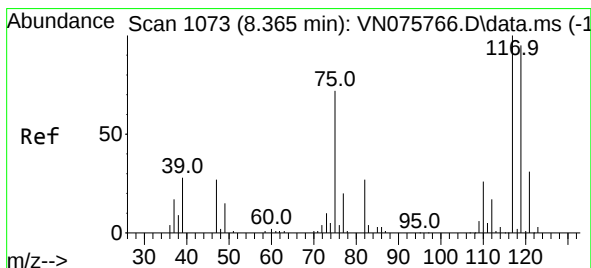
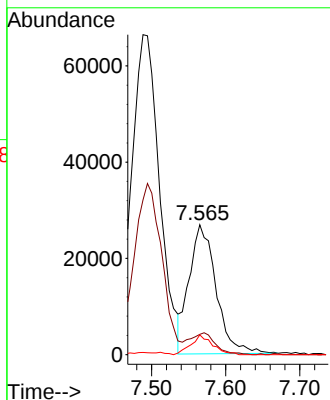
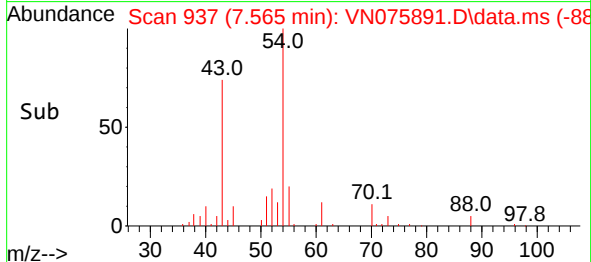
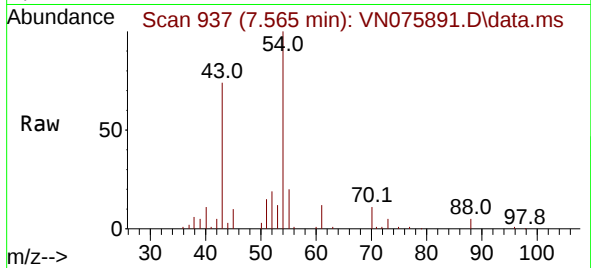
#37
Ethyl Acetate
Concen: 20.319 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 43 Resp: 6790
Ion Ratio Lower Upper
43 100
61 16.1 13.0 19.4
70 12.2 9.4 14.0

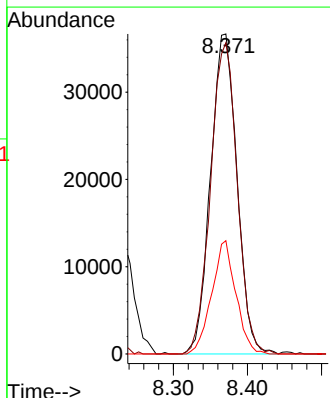
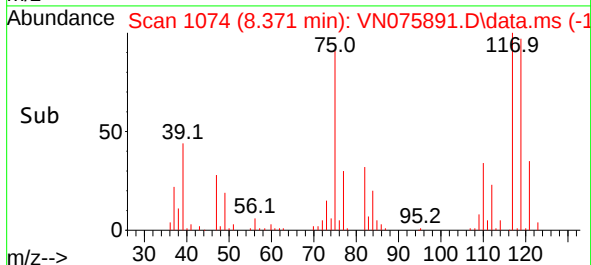
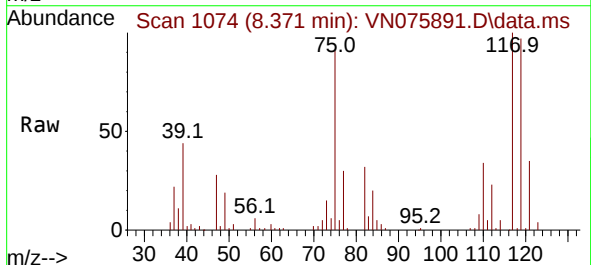
Manual Integrations
APPROVED

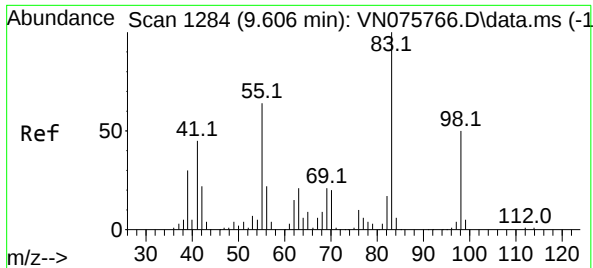
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 19.494 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

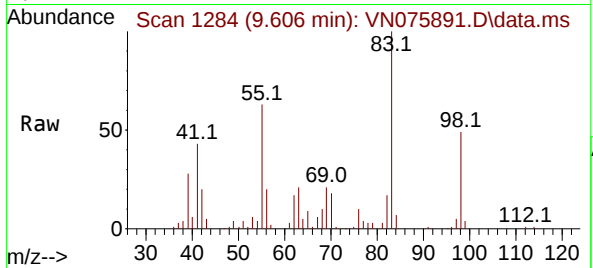
Tgt Ion:117 Resp: 90778
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 35.4 24.5 36.7





#39
Methylcyclohexane
Concen: 21.409 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

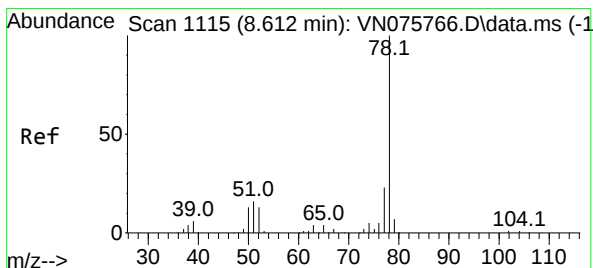
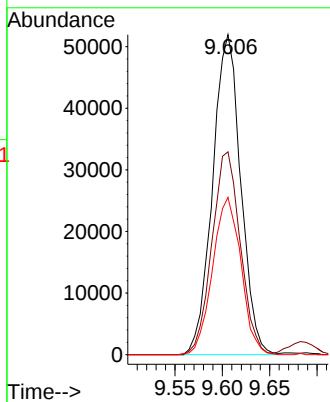
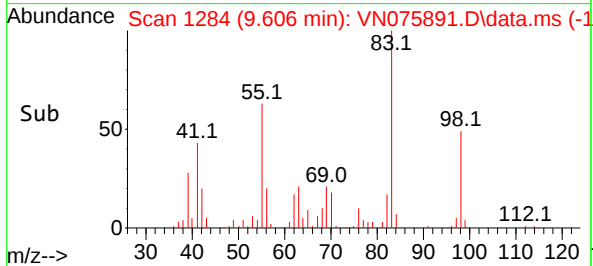
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



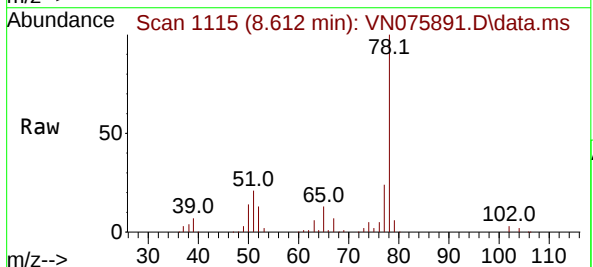
Tgt Ion: 83 Resp: 10746
Ion Ratio Lower Upper
83 100
55 63.4 51.4 77.0
98 49.2 39.8 59.8

Manual Integrations
APPROVED

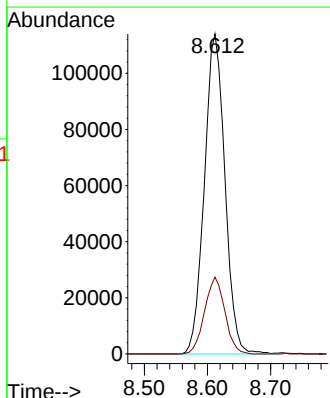
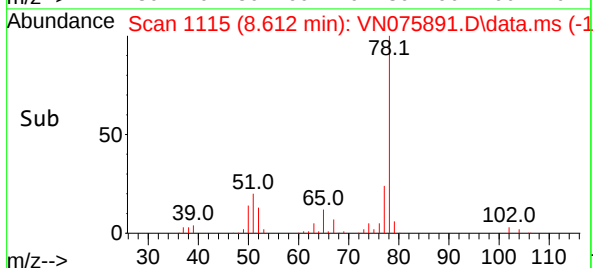
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

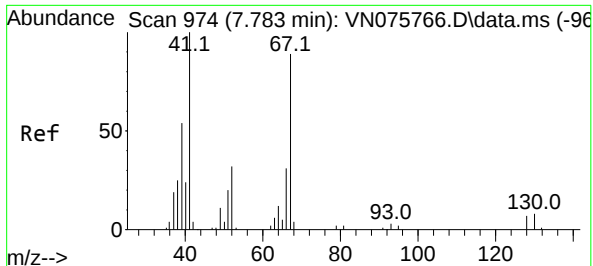


#40
Benzene
Concen: 20.091 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



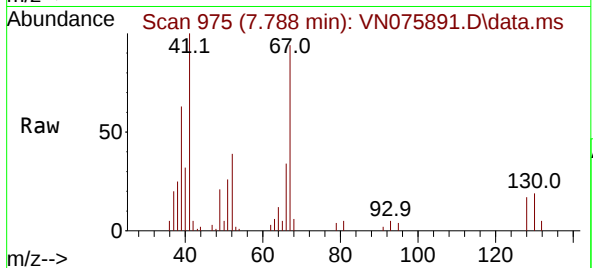
Tgt Ion: 78 Resp: 257912
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7





#41
Methacrylonitrile
Concen: 20.786 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

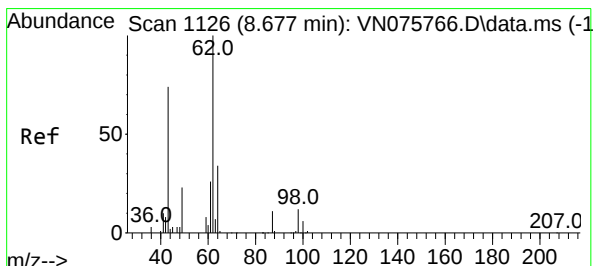
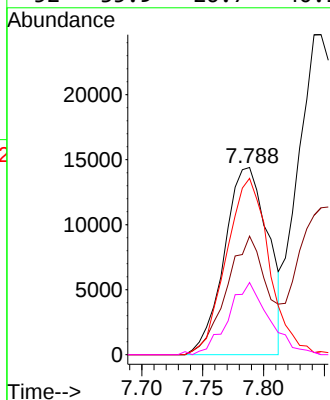
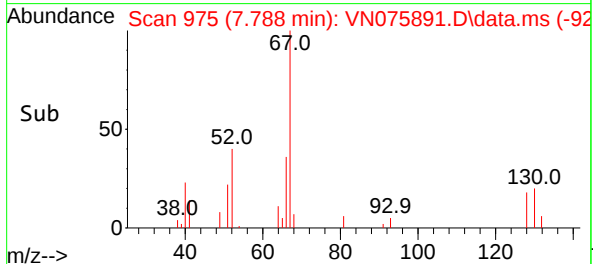
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



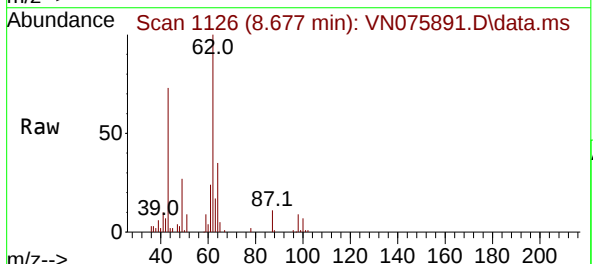
Tgt Ion: 41 Resp: 36110
Ion Ratio Lower Upper
41 100
39 58.7 43.1 64.7
67 92.4 70.7 106.1
52 35.9 26.7 40.1

Manual Integrations
APPROVED

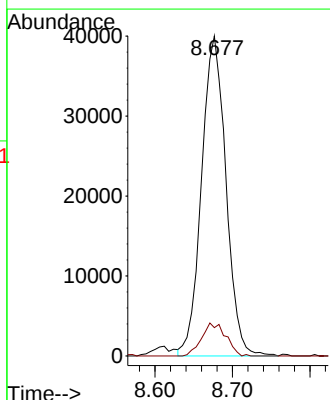
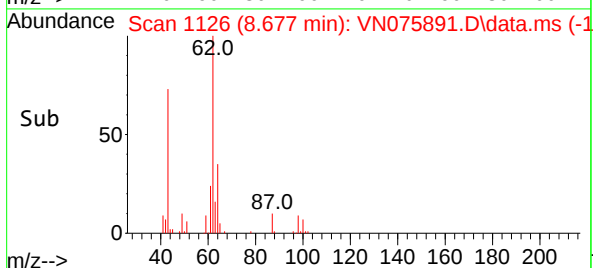
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

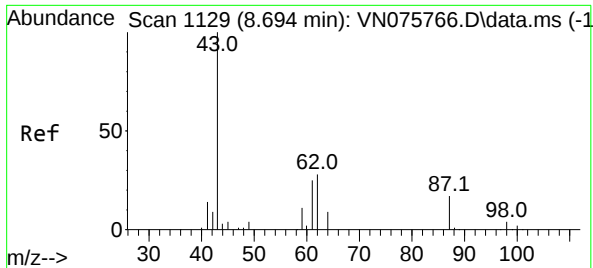


#42
1,2-Dichloroethane
Concen: 20.521 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion: 62 Resp: 87579
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43

Isopropyl Acetate

Concen: 21.819 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 43 Resp: 12028

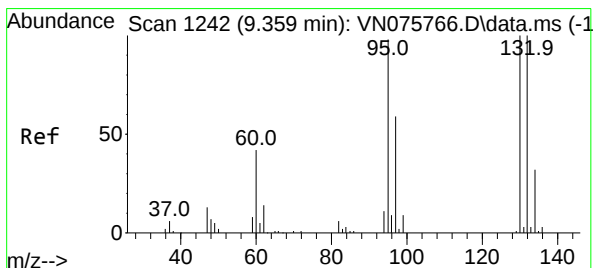
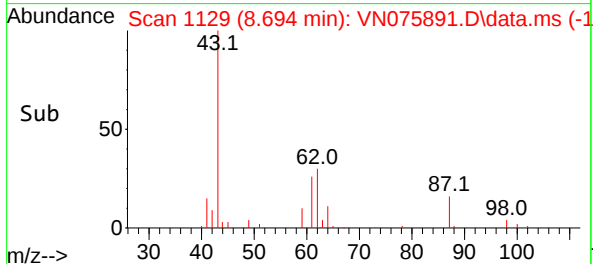
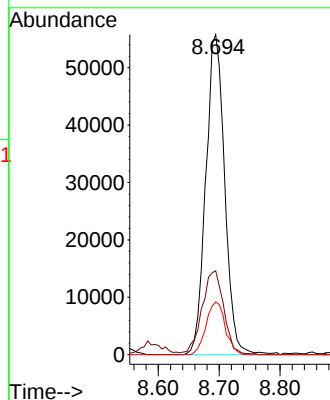
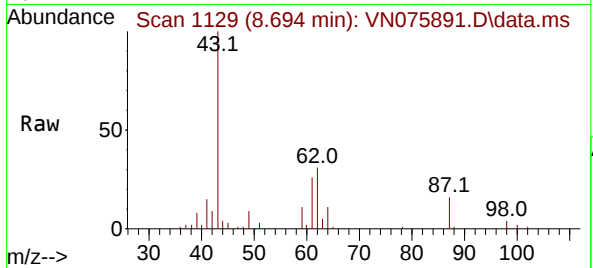
Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.2	36.4
87	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#44

Trichloroethene

Concen: 19.046 ug/l

RT: 9.353 min Scan# 1241

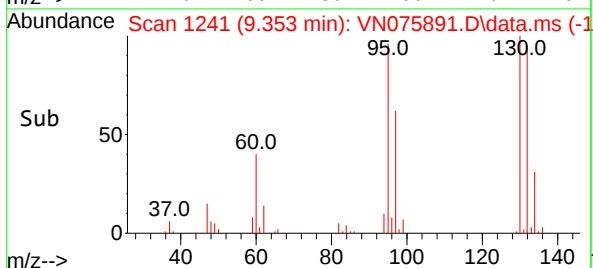
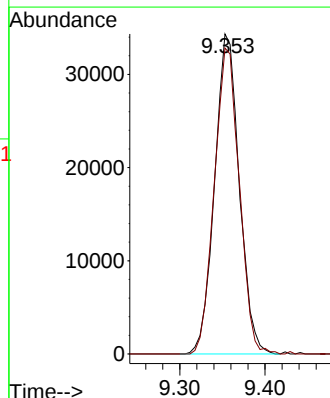
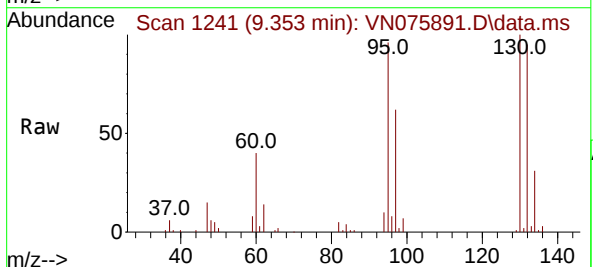
Delta R.T. -0.006 min

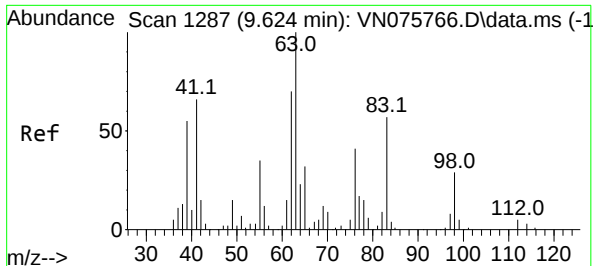
Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Tgt Ion:130 Resp: 68879

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	195.4





#45

1,2-Dichloropropane

Concen: 20.069 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 63 Resp: 62694

Ion Ratio Lower Upper

63 100

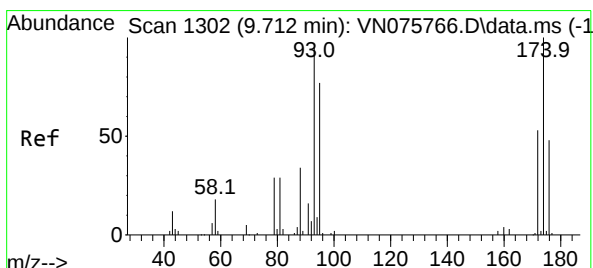
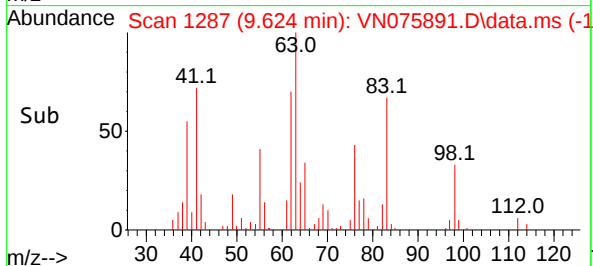
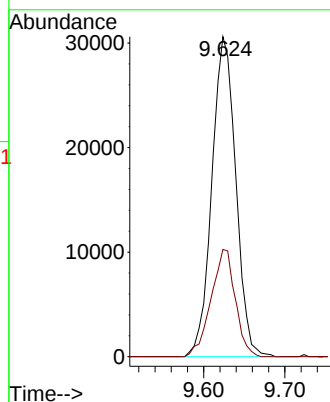
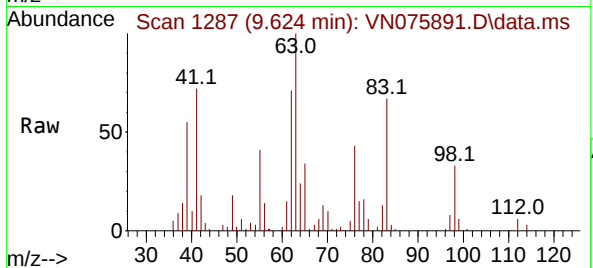
65 33.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 20.018 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

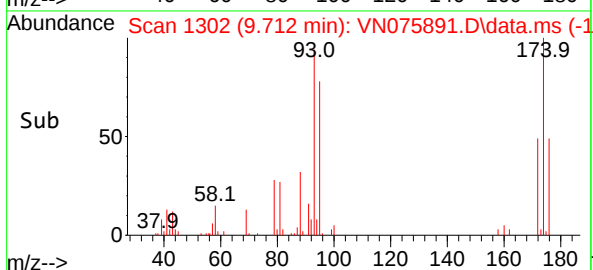
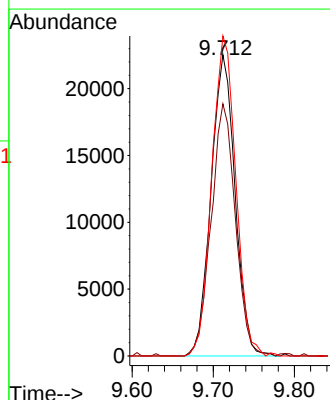
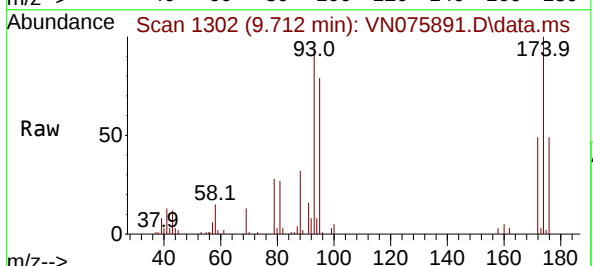
Tgt Ion: 93 Resp: 46382

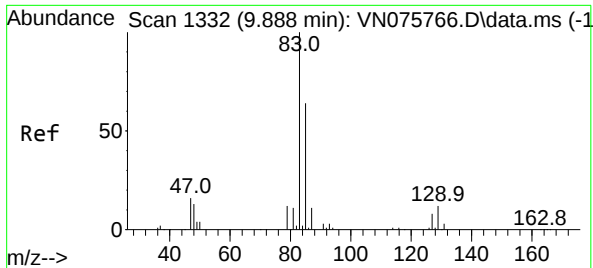
Ion Ratio Lower Upper

93 100

95 84.4 65.2 97.8

174 106.2 82.4 123.6





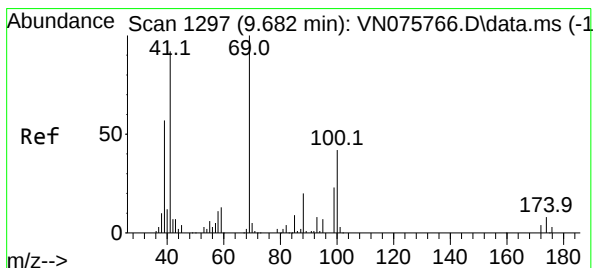
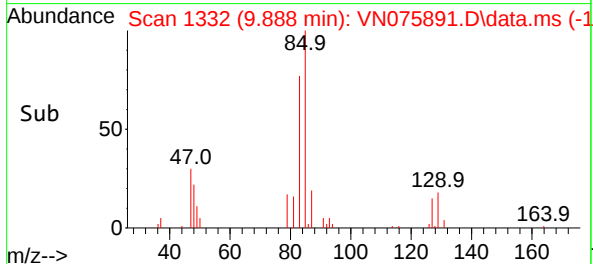
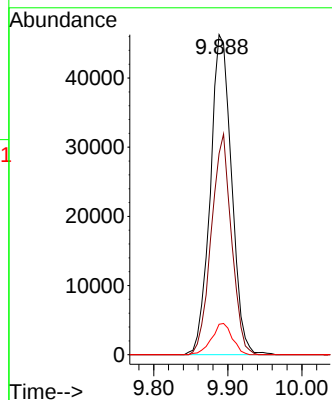
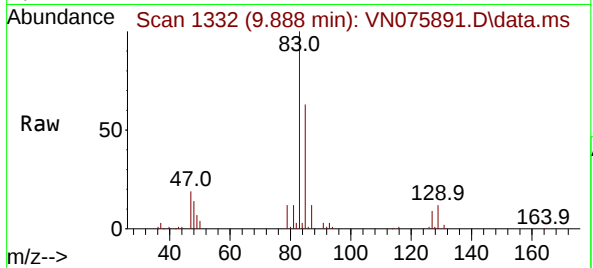
#47
Bromodichloromethane
Concen: 20.328 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 83 Resp: 9236
Ion Ratio Lower Upper
83 100
85 62.8 51.5 77.3
127 9.5 6.6 10.0

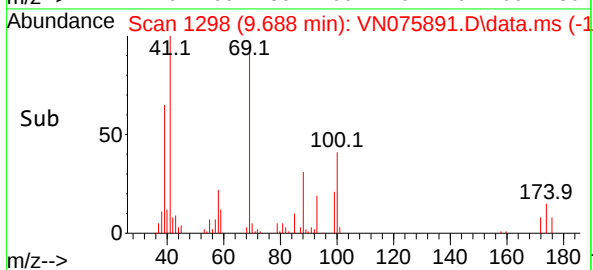
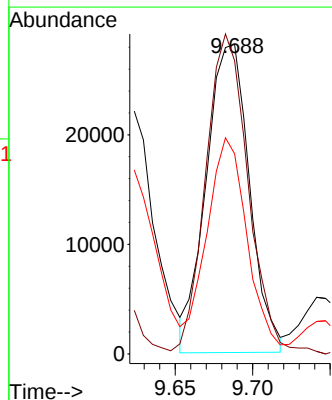
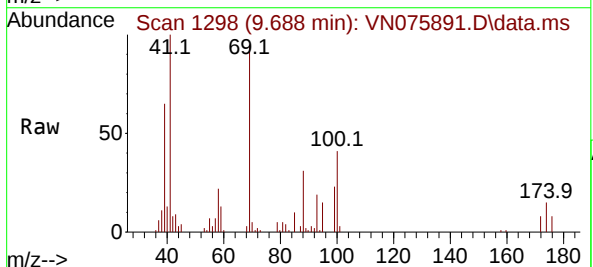
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 22.041 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 41 Resp: 54729
Ion Ratio Lower Upper
41 100
69 102.0 81.9 122.9
39 66.0 51.6 77.4





#49

1,4-Dioxane

Concen: 411.492 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 88 Resp: 25119

Ion Ratio Lower Upper

88 100

43 18.2 17.1 25.7

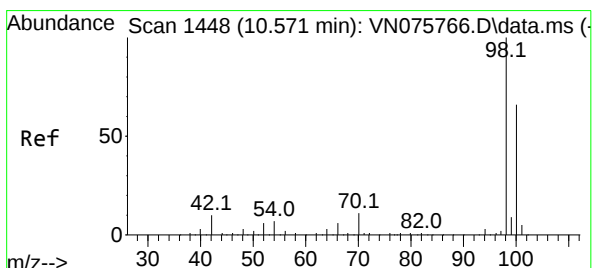
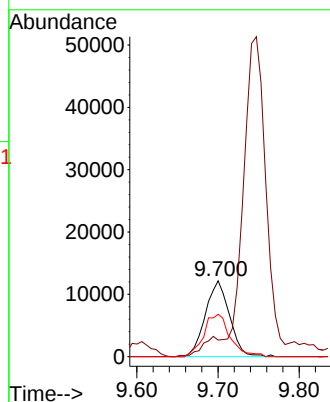
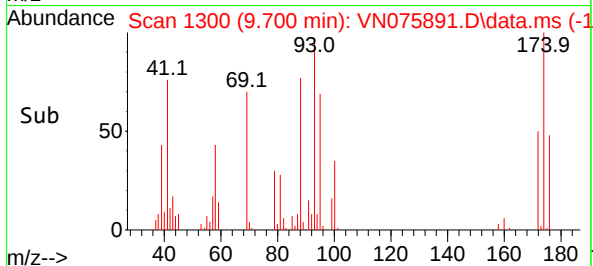
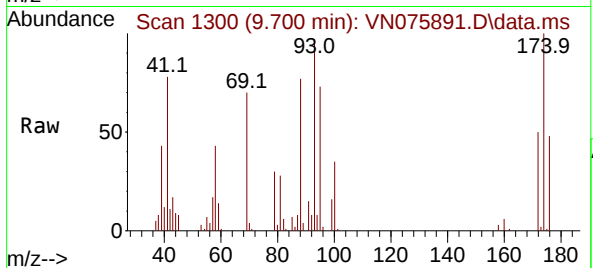
58 60.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 53.172 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075891.D

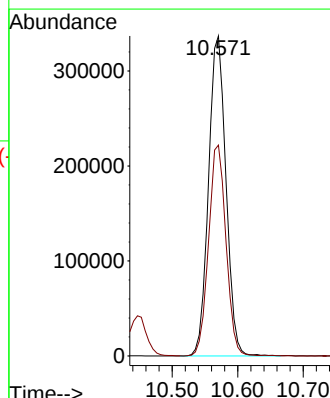
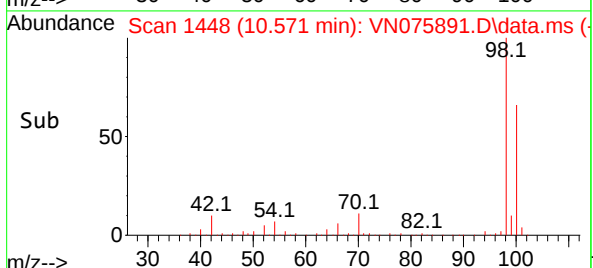
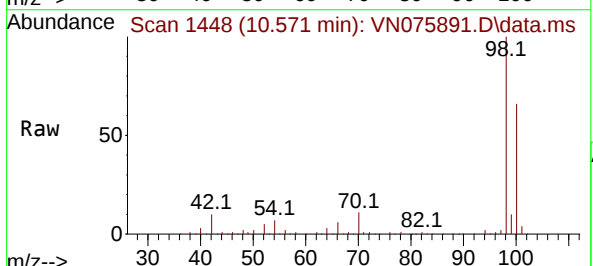
Acq: 20 Dec 2022 12:11

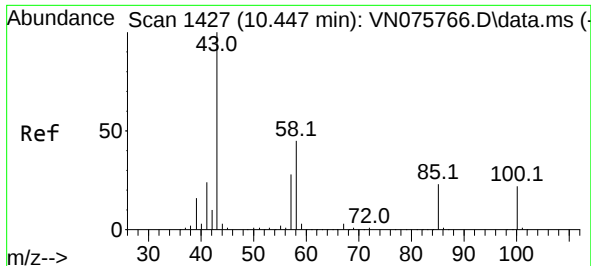
Tgt Ion: 98 Resp: 622681

Ion Ratio Lower Upper

98 100

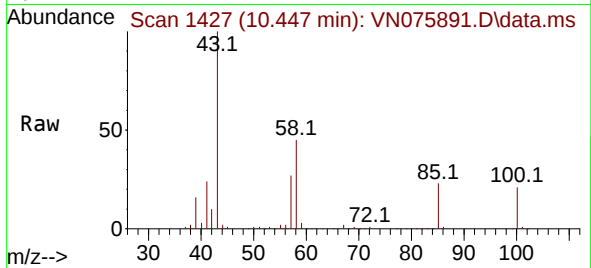
100 65.9 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 109.115 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

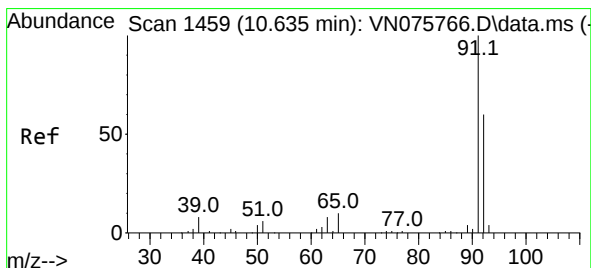
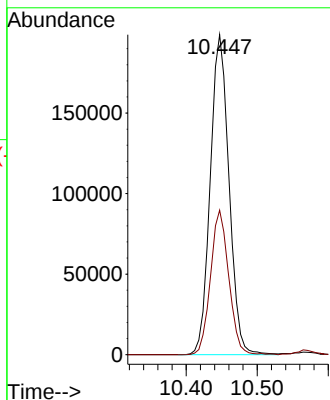
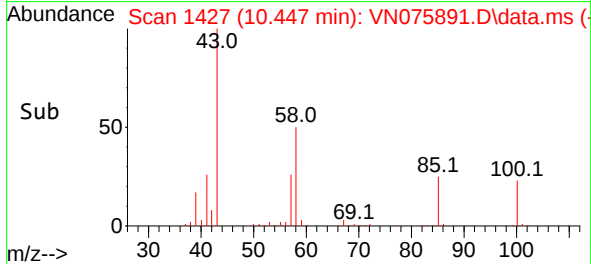
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



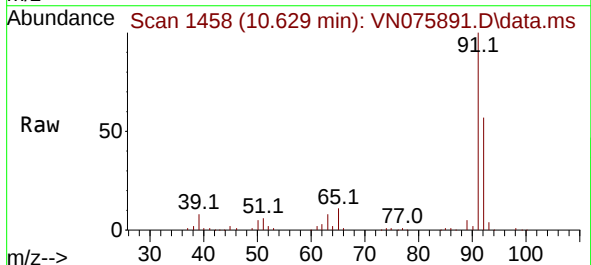
Tgt Ion: 43 Resp: 363790
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

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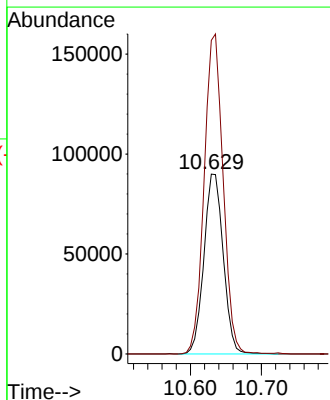
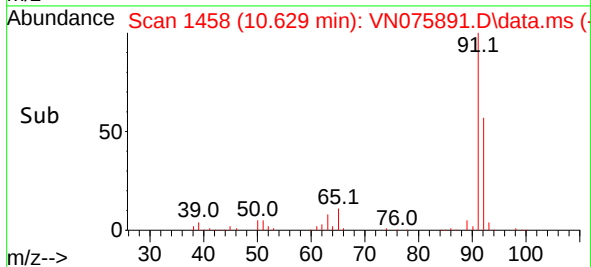
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

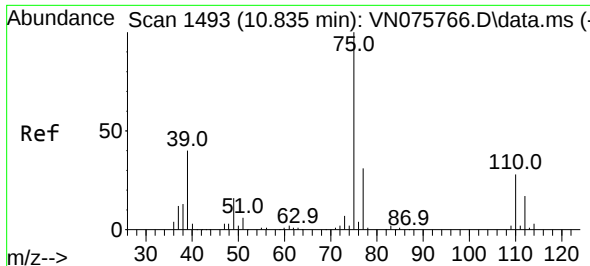


#52
Toluene
Concen: 20.339 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion: 92 Resp: 170051
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9





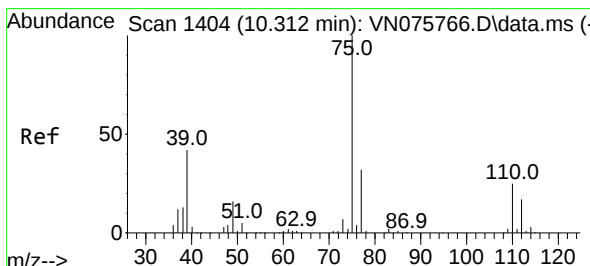
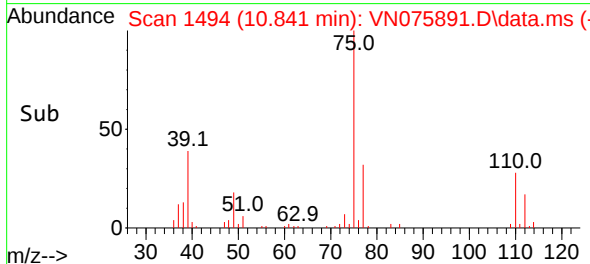
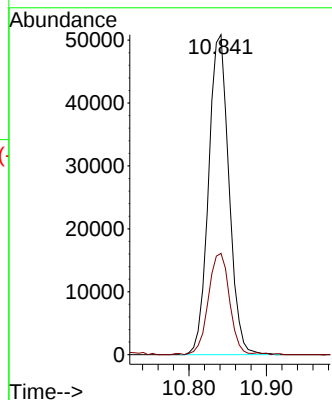
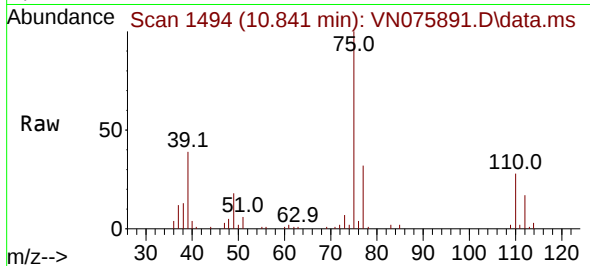
#53
 t-1,3-Dichloropropene
 Concen: 20.838 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01

Tgt Ion: 75 Resp: 9268
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3

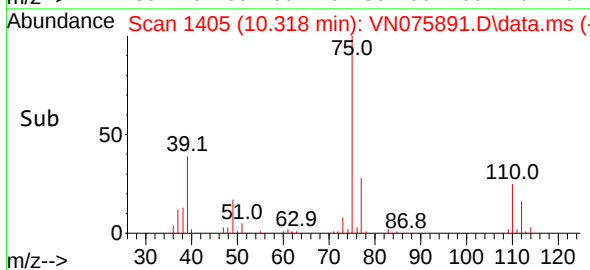
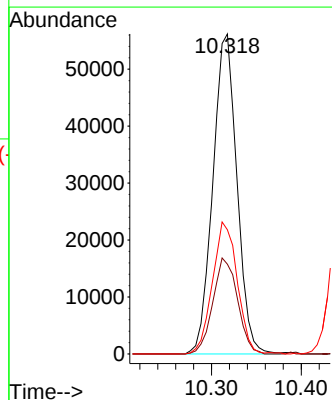
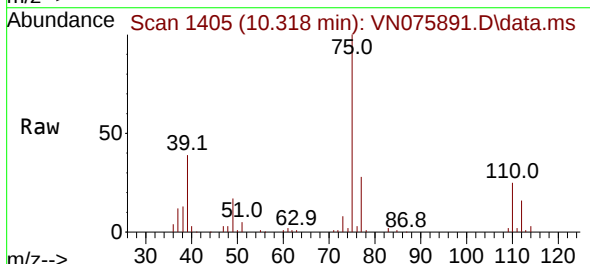
Manual Integrations
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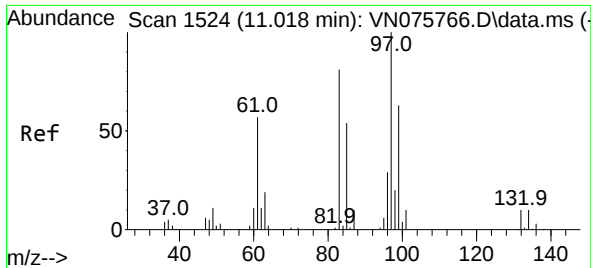
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.413 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

Tgt Ion: 75 Resp: 104568
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.8 38.8
 39 38.8 33.4 50.2





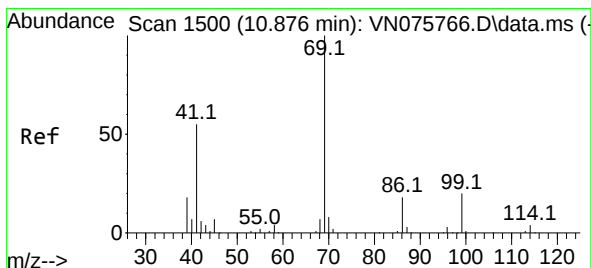
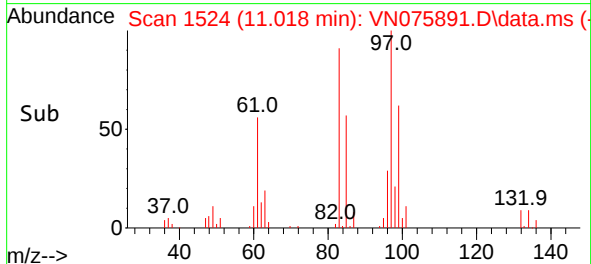
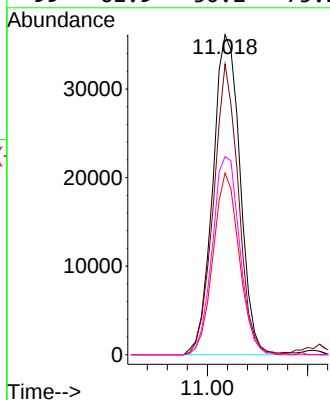
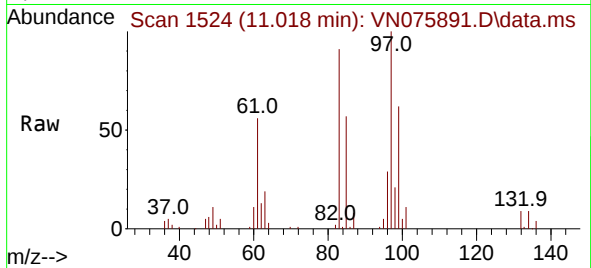
#55
1,1,2-Trichloroethane
Concen: 20.768 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 97	Resp: 6815
Ion Ratio	Lower Upper
97 100	
83 90.8	65.0 97.4
85 56.8	43.0 64.6
99 61.9	50.2 75.2

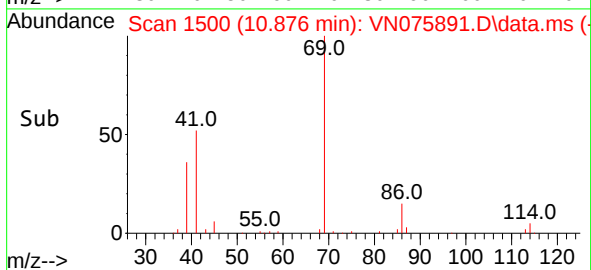
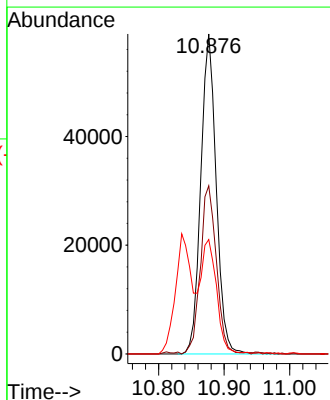
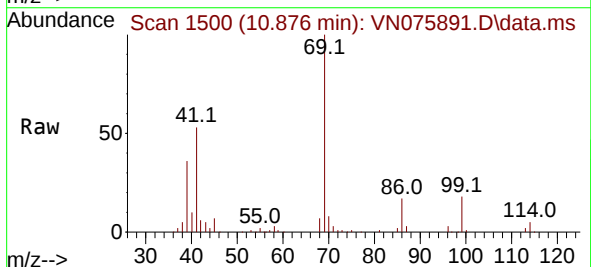
Manual Integrations
APPROVED

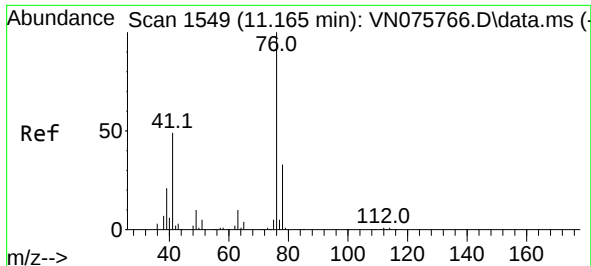
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#56
Ethyl methacrylate
Concen: 22.151 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 69	Resp: 96553
Ion Ratio	Lower Upper
69 100	
41 54.7	44.2 66.4
39 34.6	26.4 39.6





#57

1,3-Dichloropropane

Concen: 20.718 ug/l

RT: 11.165 min Scan# 111520

Delta R.T. -0.000 min

Lab File: VN075891.D

Acq: 20 Dec 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBSD01

Tgt Ion: 76 Resp: 111520

Ion Ratio Lower Upper

76 100

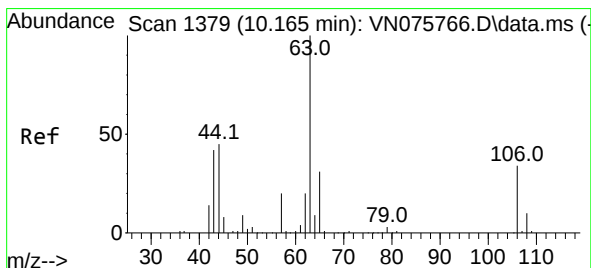
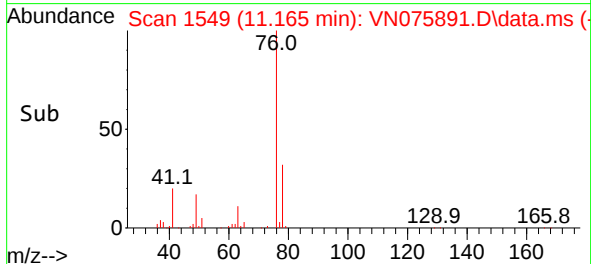
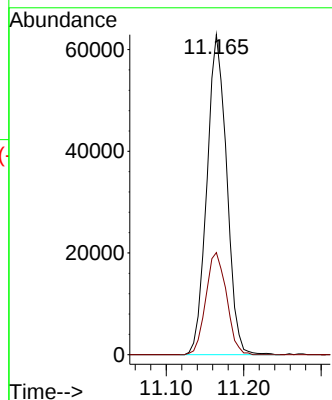
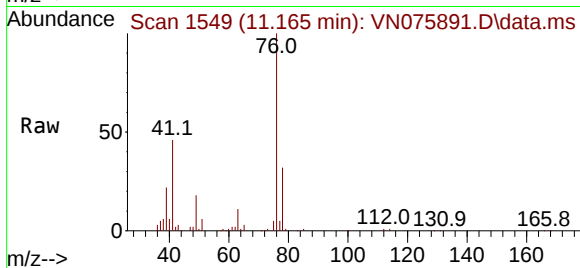
78 33.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 104.484 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075891.D

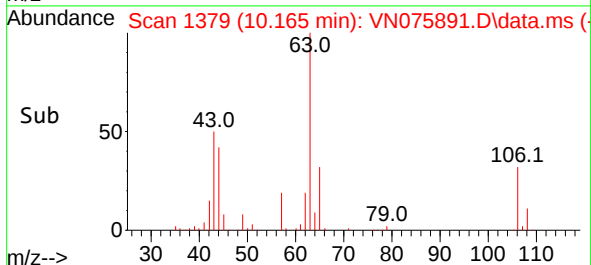
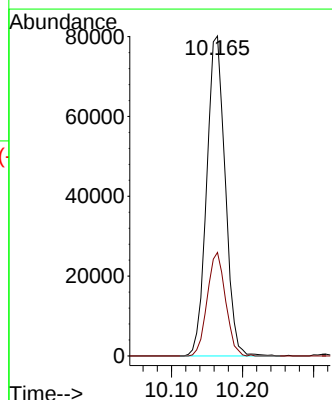
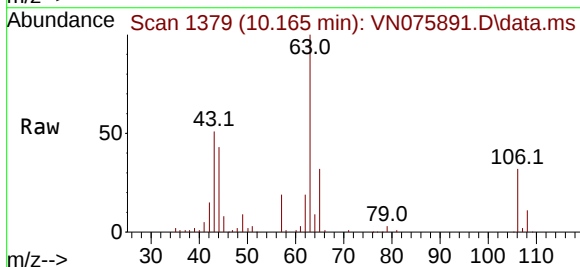
Acq: 20 Dec 2022 12:11

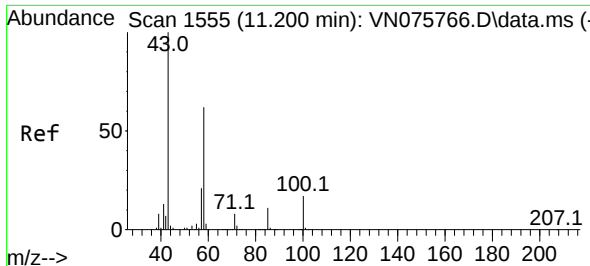
Tgt Ion: 63 Resp: 145000

Ion Ratio Lower Upper

63 100

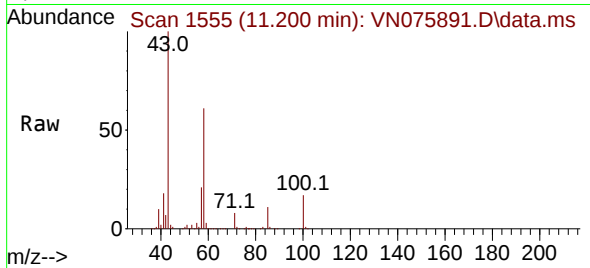
106 32.0 26.4 39.6





#59
2-Hexanone
Concen: 109.675 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

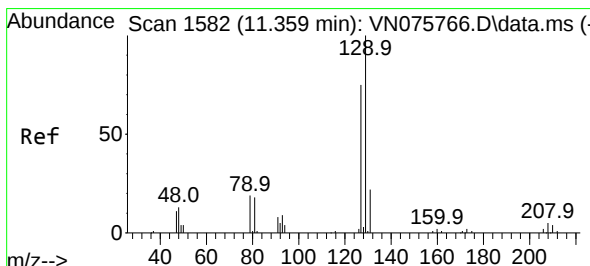
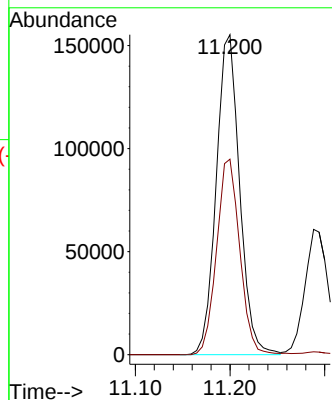
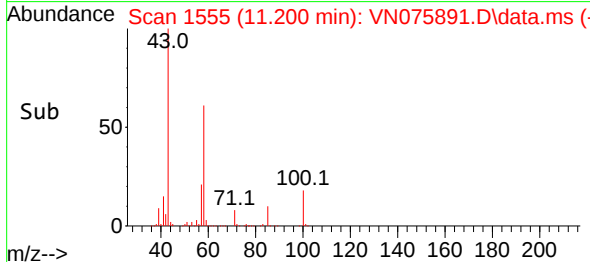
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 43 Resp: 26666
Ion Ratio Lower Upper
43 100
58 60.7 30.6 92.0

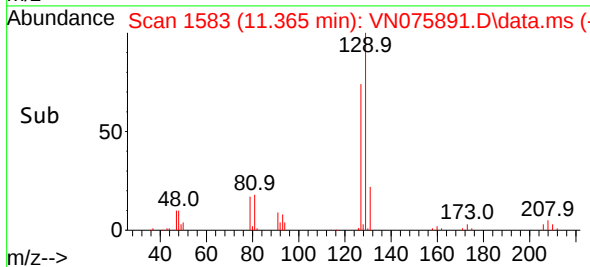
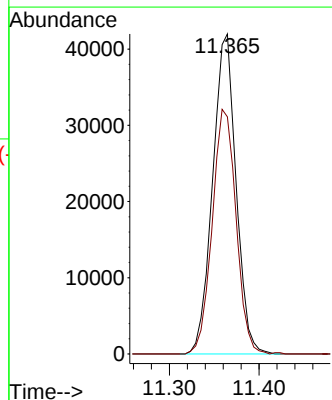
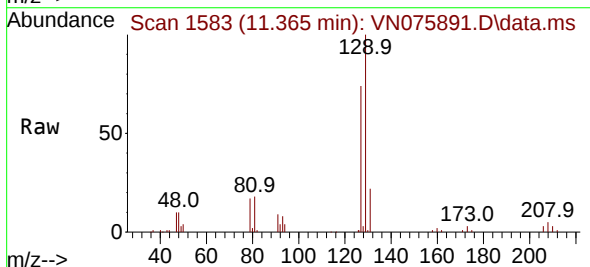
Manual Integrations
APPROVED

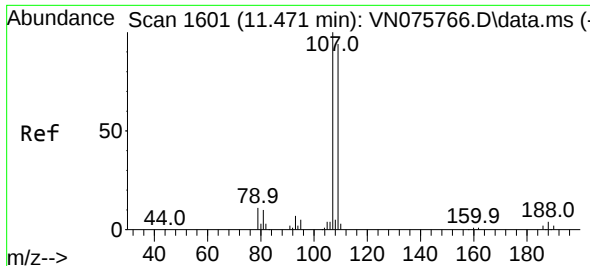
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 20.843 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

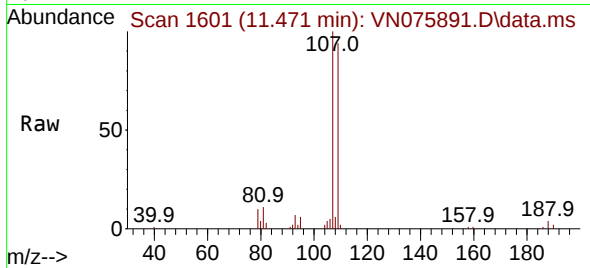
Tgt Ion:129 Resp: 76065
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 21.234 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

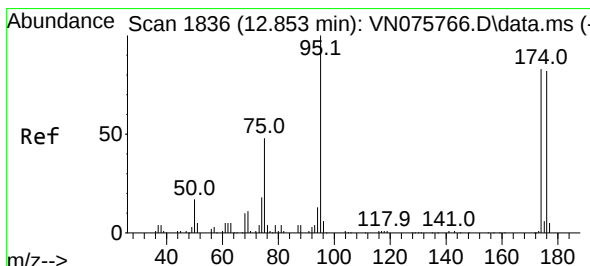
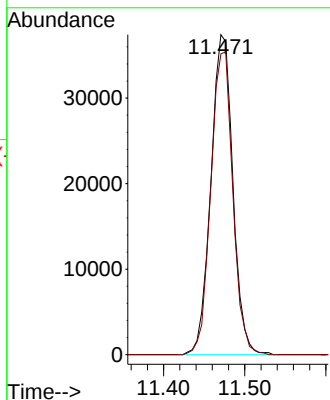
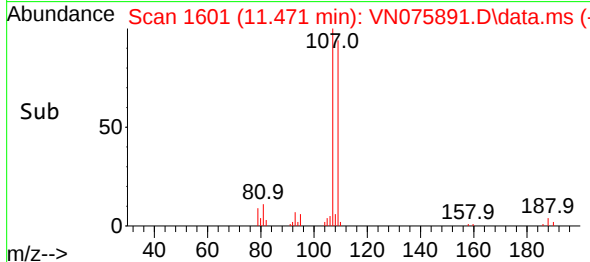
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



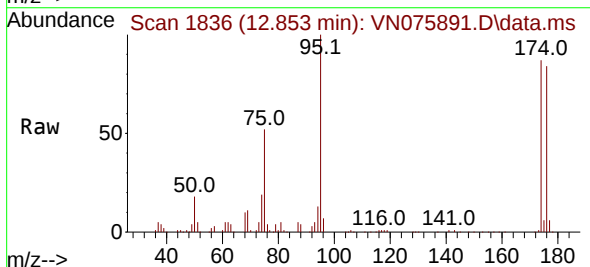
Tgt Ion:107 Resp: 70510
Ion Ratio Lower Upper
107 100
109 94.5 74.8 112.2

Manual Integrations
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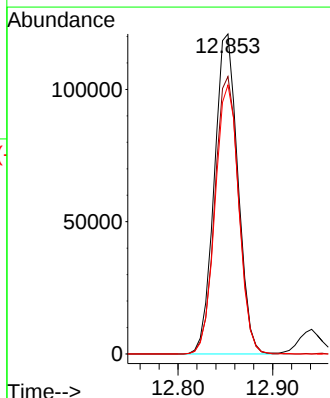
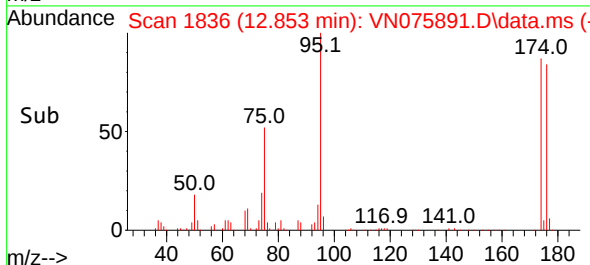
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

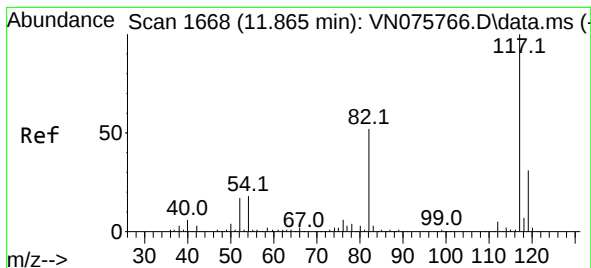


#62
4-Bromofluorobenzene
Concen: 54.121 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



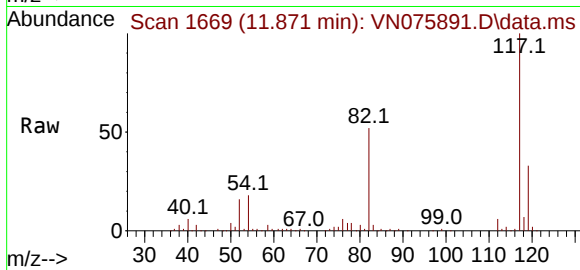
Tgt Ion: 95 Resp: 209920
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 84.1 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

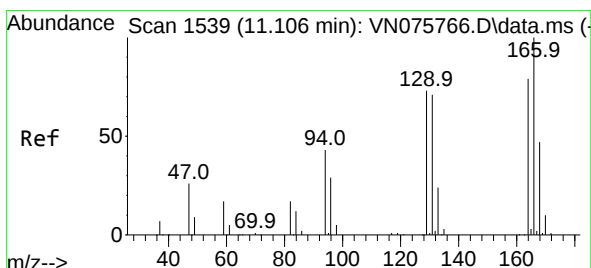
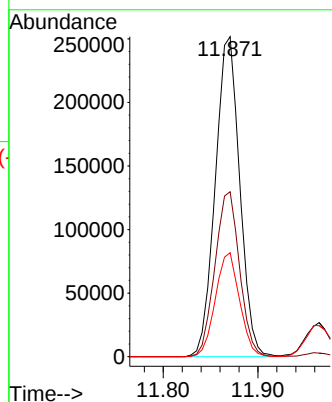
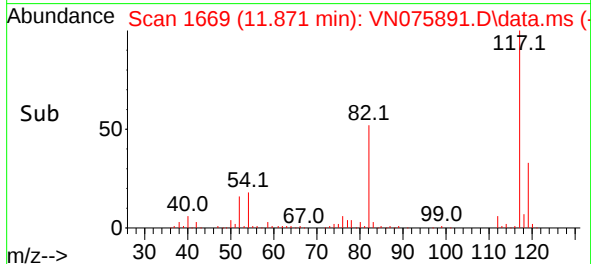
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion:117 Resp: 451498
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.5 24.6 37.0

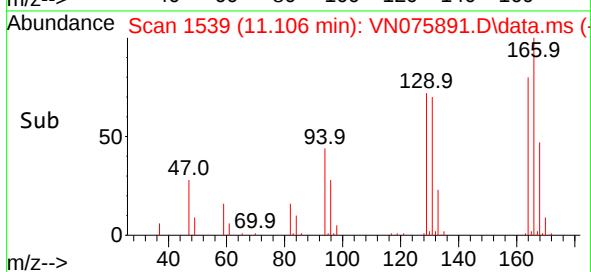
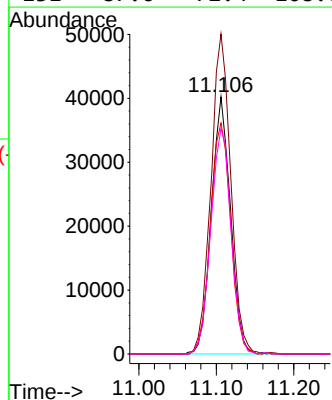
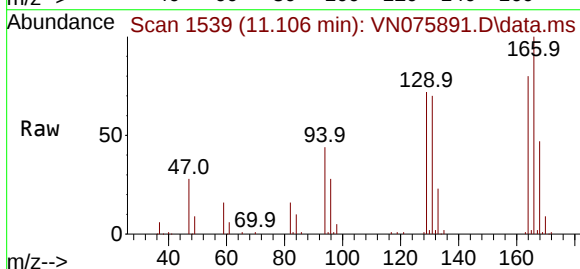
Manual Integrations
APPROVED

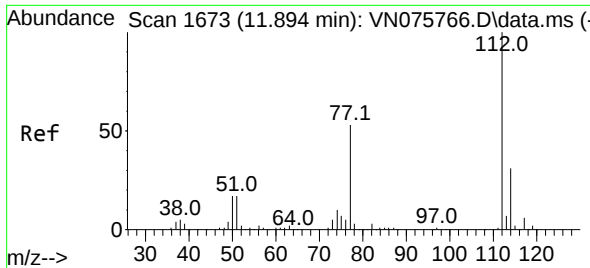
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 21.913 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion:164 Resp: 69620
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 89.9 74.2 111.2
131 87.6 72.4 108.6





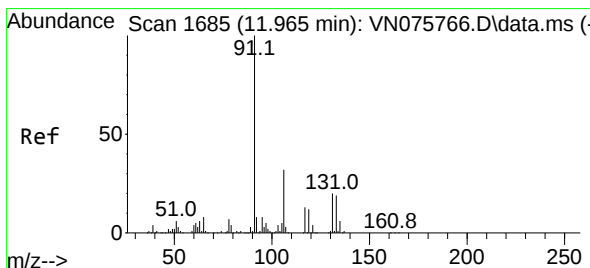
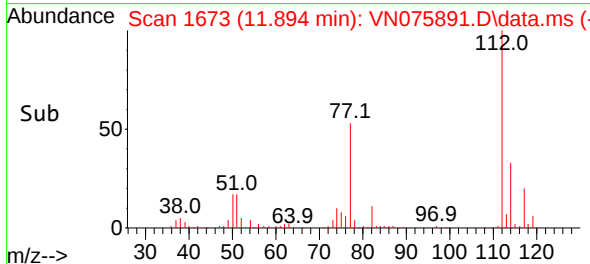
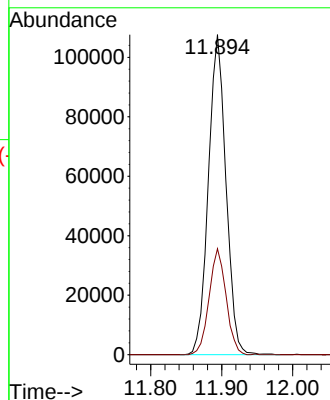
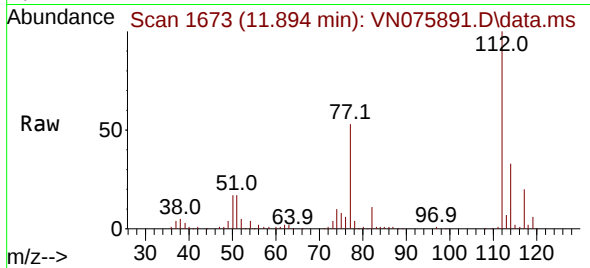
#65
Chlorobenzene
Concen: 19.962 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion:112 Resp: 18498
Ion Ratio Lower Upper
112 100
114 33.1 24.7 37.1

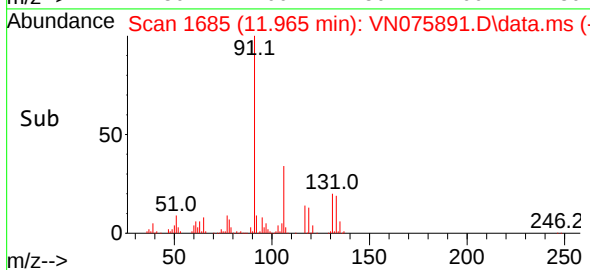
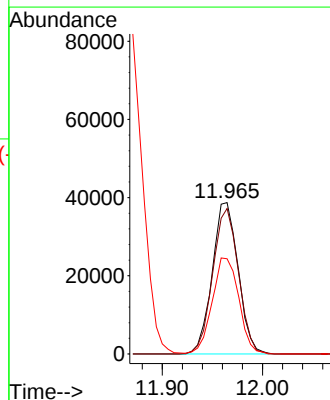
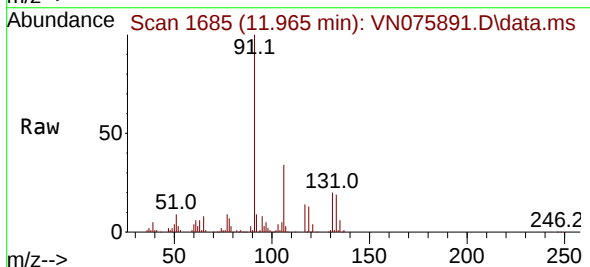
Manual Integrations
APPROVED

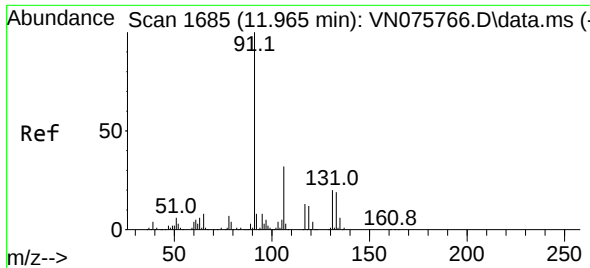
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.269 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

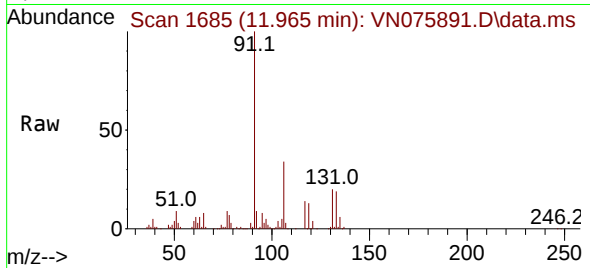
Tgt Ion:131 Resp: 69572
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 65.1 31.9 95.7





#67
Ethyl Benzene
Concen: 20.485 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

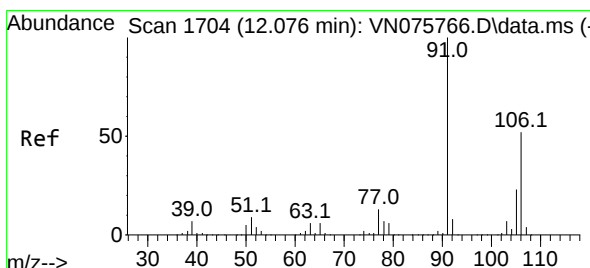
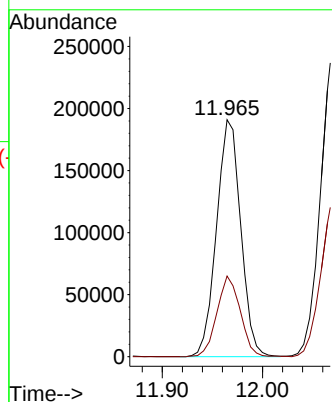
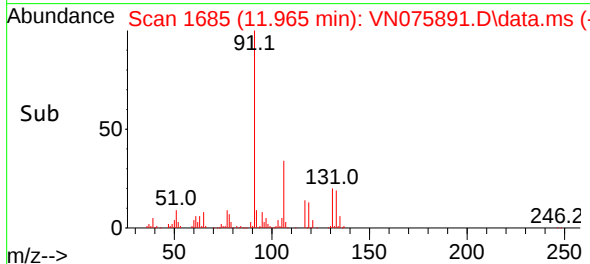
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



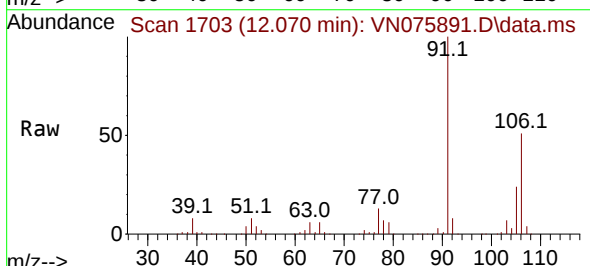
Tgt Ion: 91 Resp: 32039
Ion Ratio Lower Upper
91 100
106 34.0 25.7 38.5

Manual Integrations
APPROVED

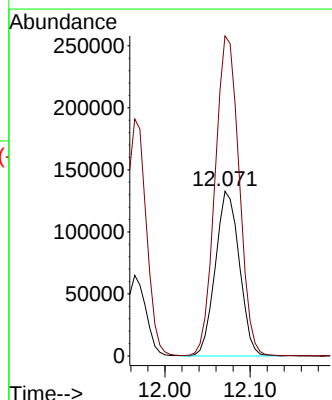
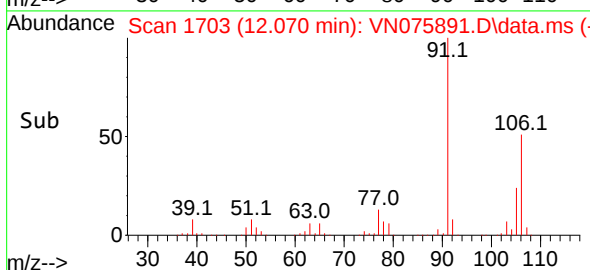
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

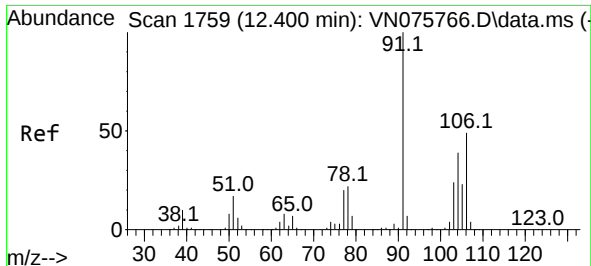


#68
m/p-Xylenes
Concen: 41.998 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion:106 Resp: 259985
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0





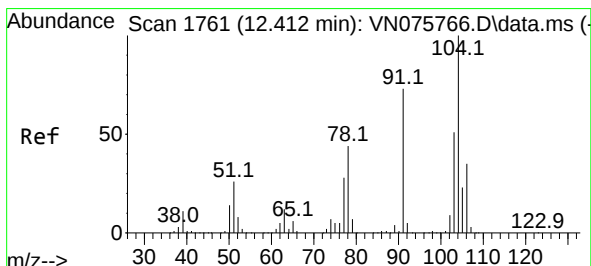
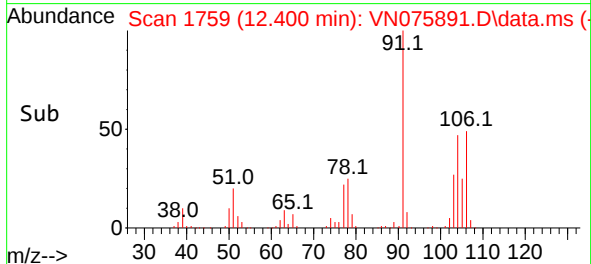
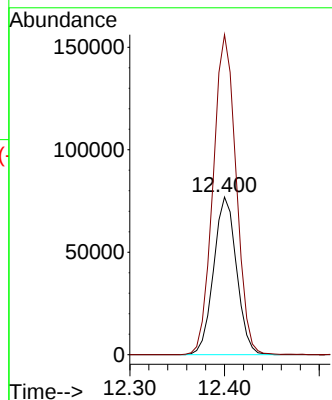
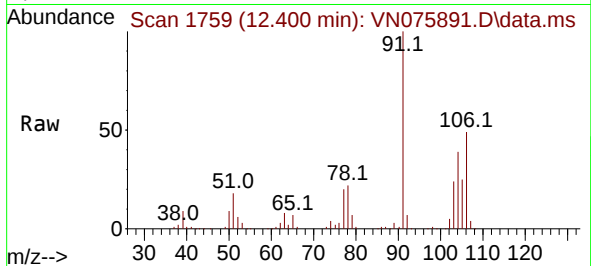
#69
o-Xylene
Concen: 21.117 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion:106 Resp: 129360
Ion Ratio Lower Upper
106 100
91 204.3 103.8 311.6

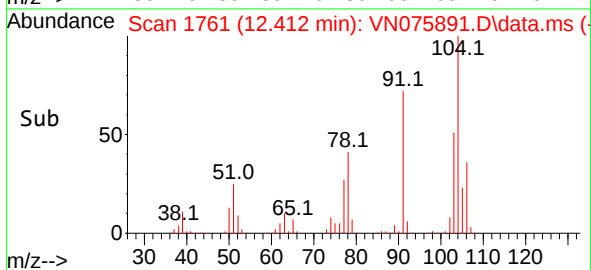
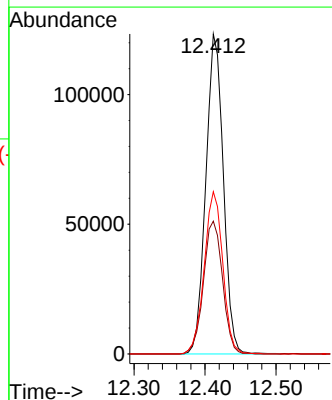
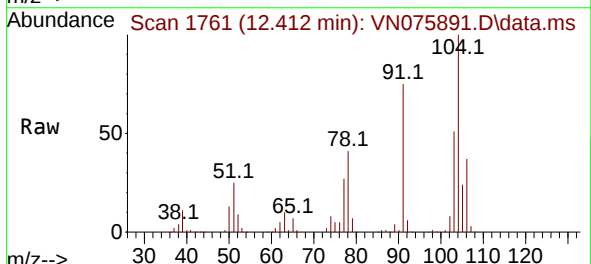
Manual Integrations
APPROVED

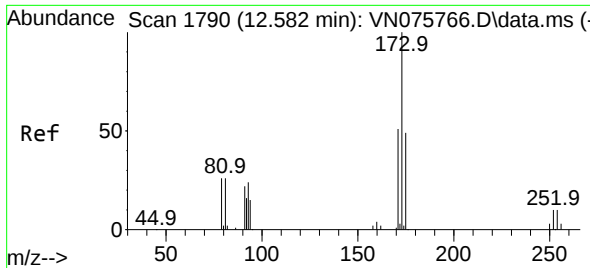
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 21.740 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

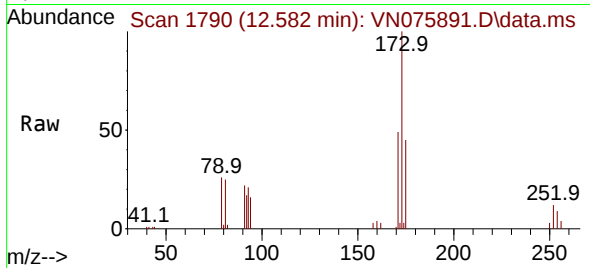
Tgt Ion:104 Resp: 211759
Ion Ratio Lower Upper
104 100
78 45.3 37.5 56.3
103 53.8 43.5 65.3





#71
Bromoform
Concen: 21.097 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

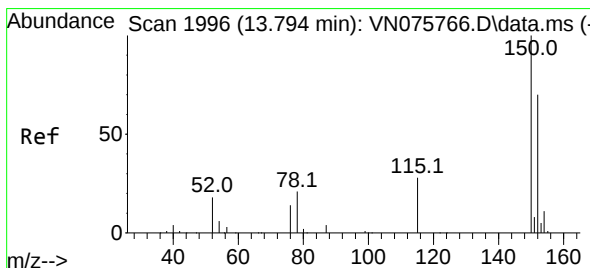
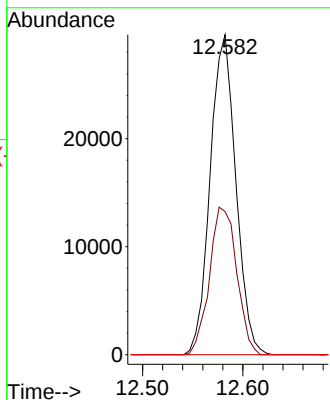
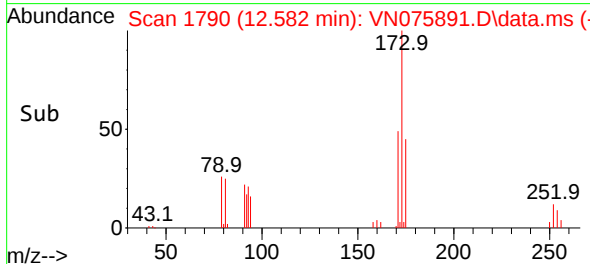
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



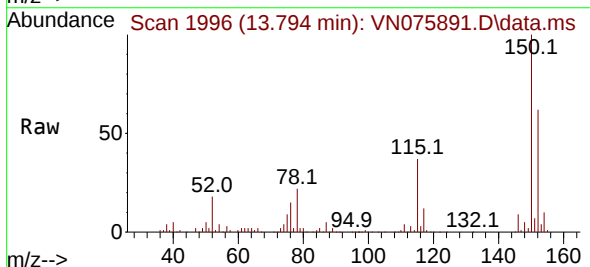
Tgt Ion:173 Resp: 52692
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

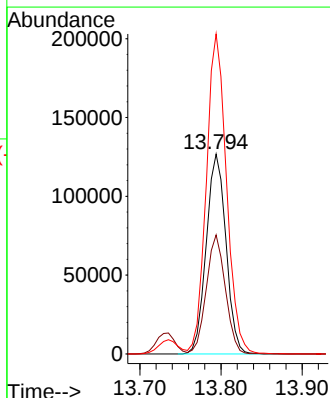
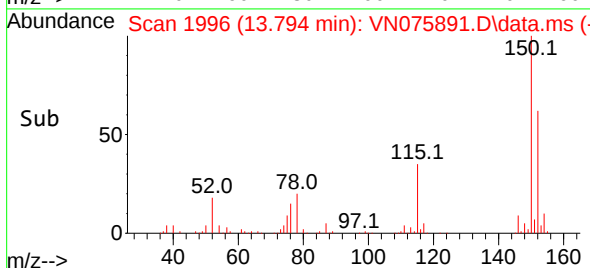
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

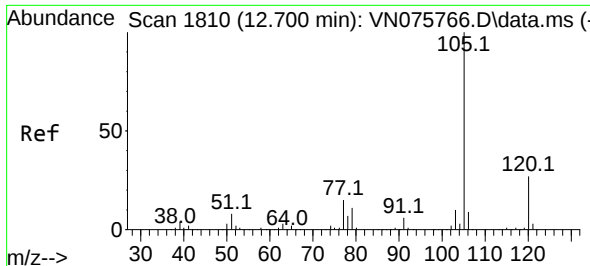


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



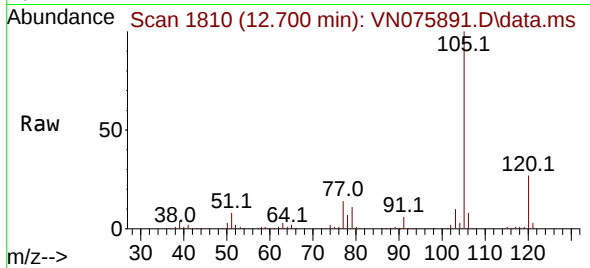
Tgt Ion:152 Resp: 213453
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.4
150 163.9 0.0 347.0





#73
Isopropylbenzene
Concen: 21.883 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

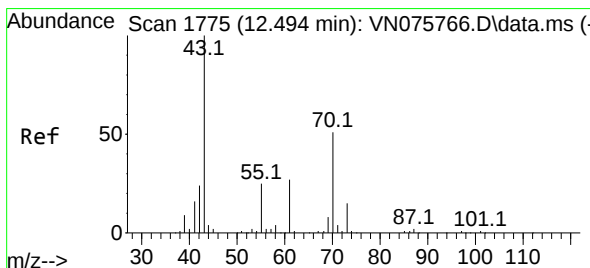
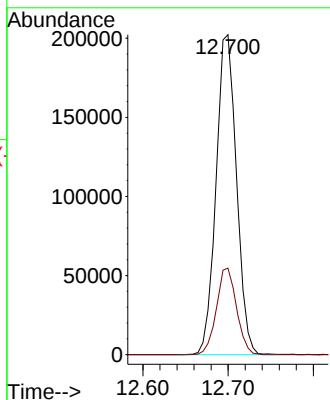
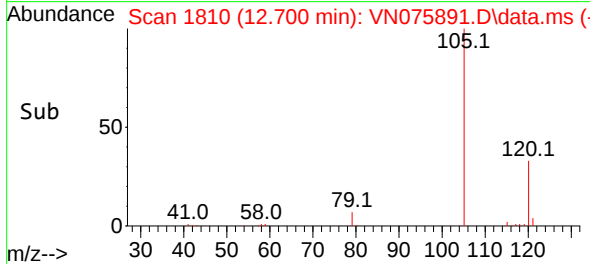
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



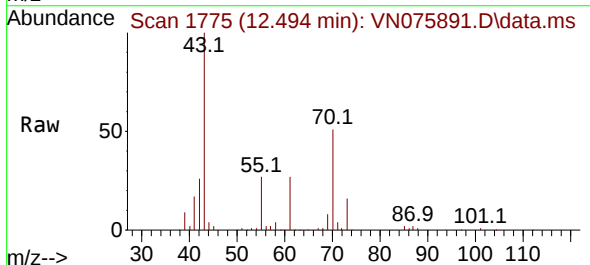
Tgt Ion:105 Resp: 33755
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
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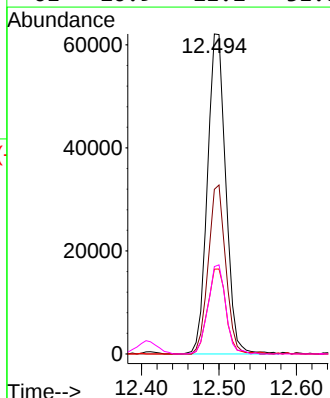
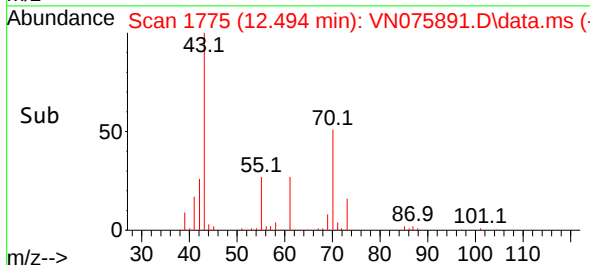
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

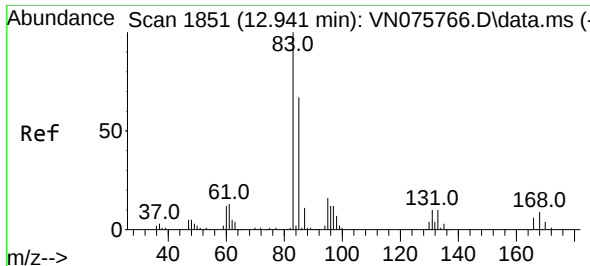


#74
N-ethyl acetate
Concen: 22.513 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



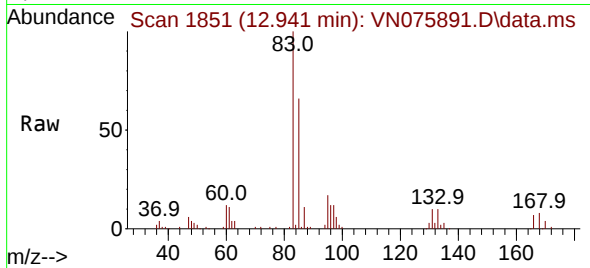
Tgt Ion: 43 Resp: 101876
Ion Ratio Lower Upper
43 100
70 50.3 41.4 62.0
55 26.8 21.3 31.9
61 26.9 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.937 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

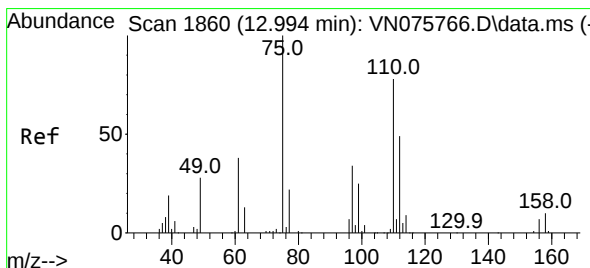
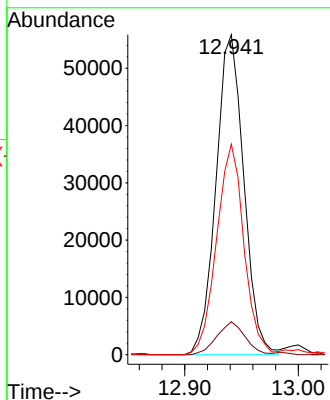
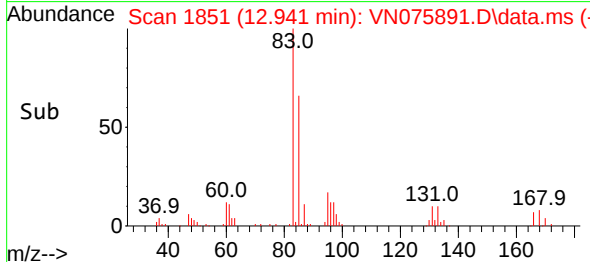
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



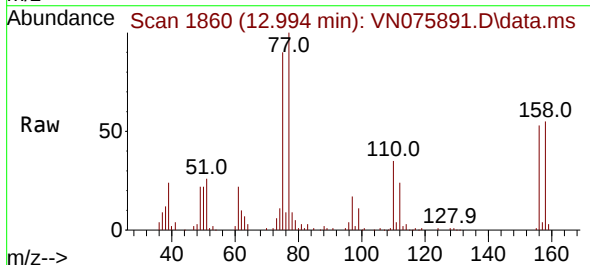
Tgt Ion: 83 Resp: 9507
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.6 32.6 98.0

Manual Integrations
APPROVED

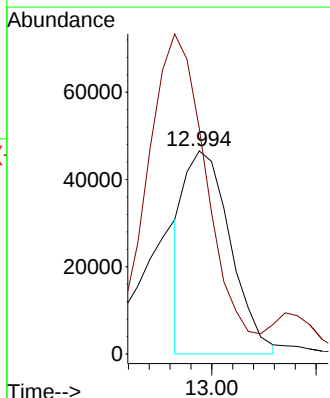
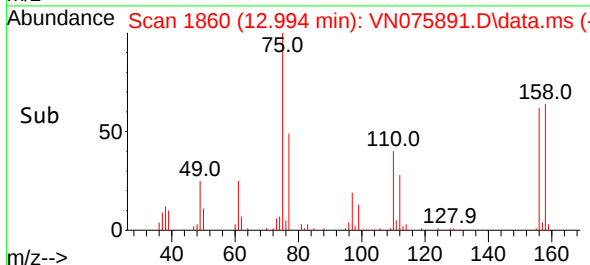
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

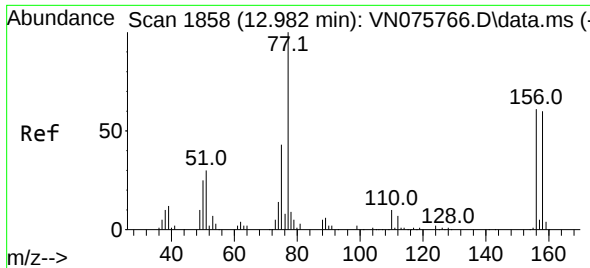


#76
1,2,3-Trichloropropane
Concen: 16.529 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion: 75 Resp: 71121
Ion Ratio Lower Upper
75 100
77 207.2 82.6 247.8





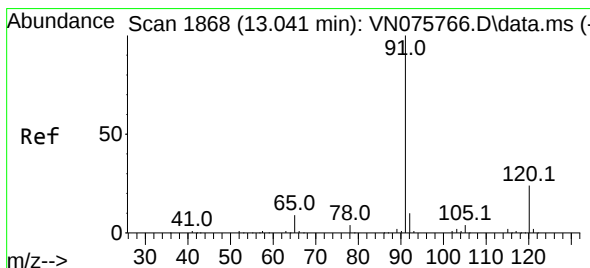
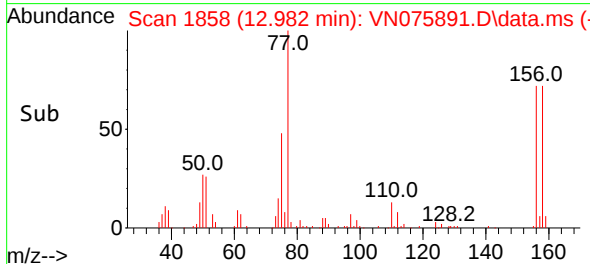
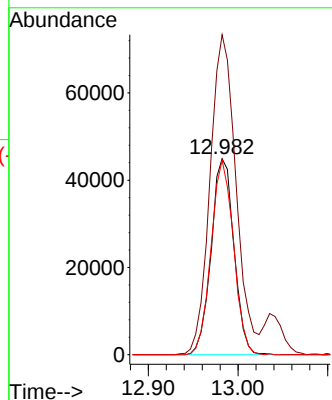
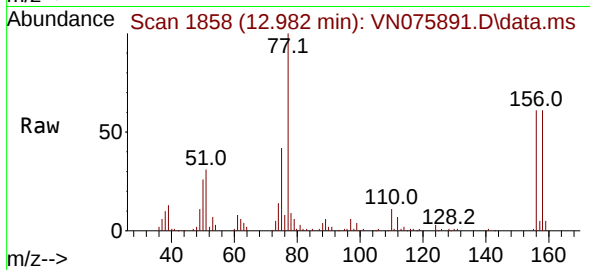
#77
Bromobenzene
Concen: 20.255 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion:156 Resp: 79070
Ion Ratio Lower Upper
156 100
77 186.4 93.8 281.3
158 98.0 48.9 146.6

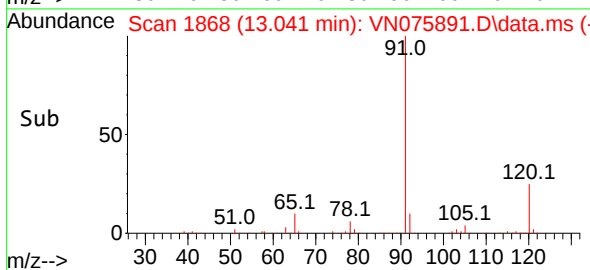
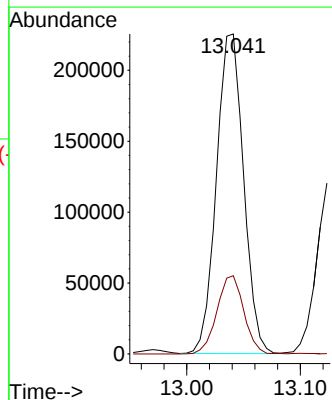
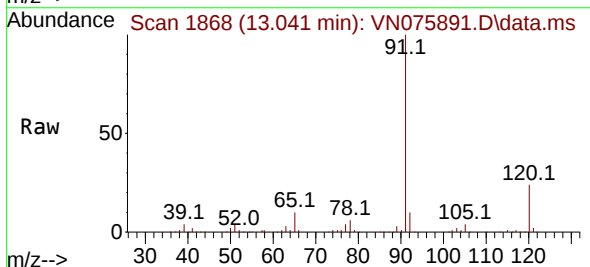
Manual Integrations
APPROVED

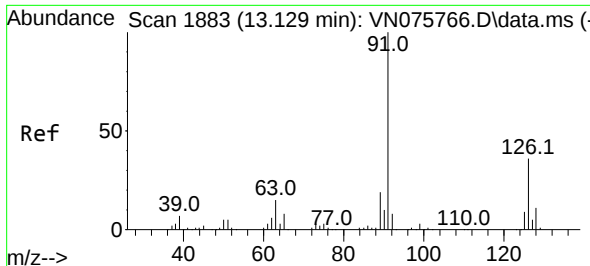
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#78
n-propylbenzene
Concen: 22.015 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Tgt Ion: 91 Resp: 374547
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1





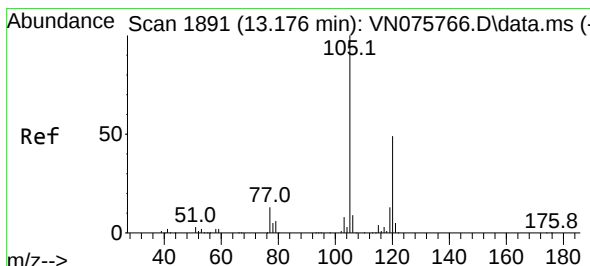
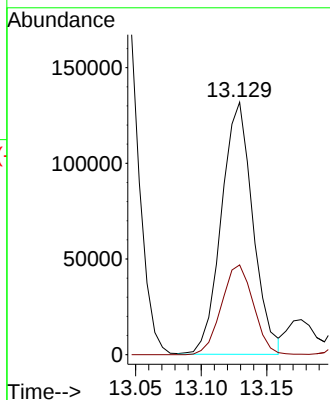
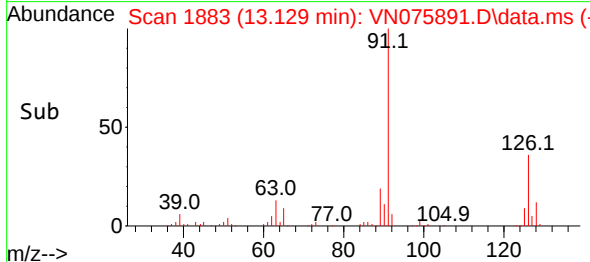
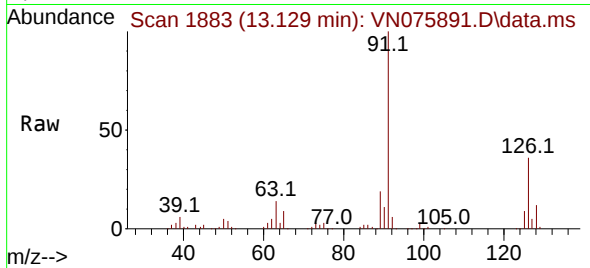
#79
2-Chlorotoluene
Concen: 20.769 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01

Tgt Ion: 91 Resp: 220564
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5

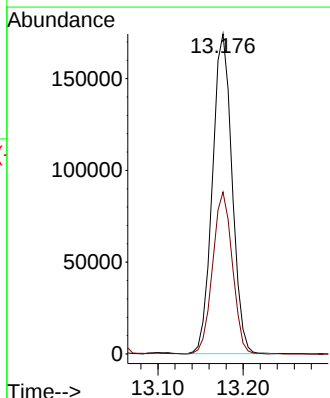
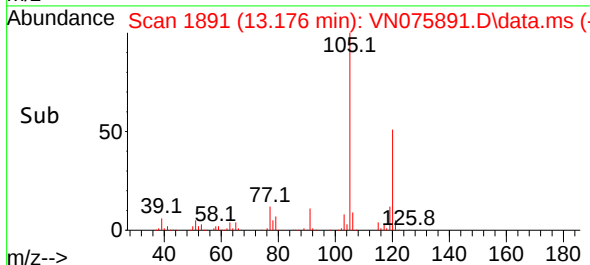
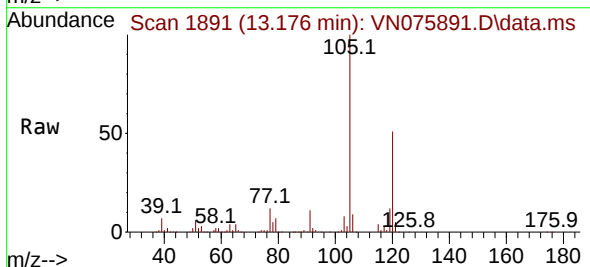
Manual Integrations
APPROVED

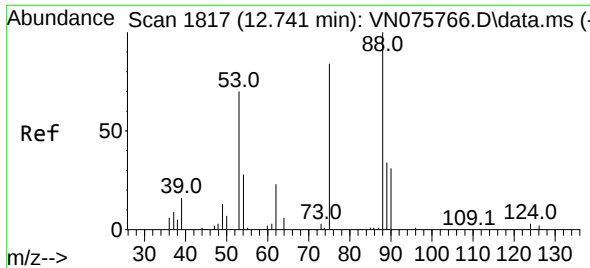
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.580 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

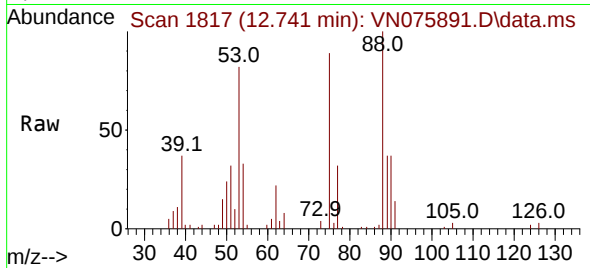
Tgt Ion:105 Resp: 278599
Ion Ratio Lower Upper
105 100
120 50.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.519 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

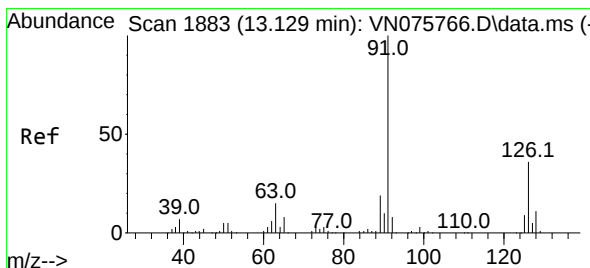
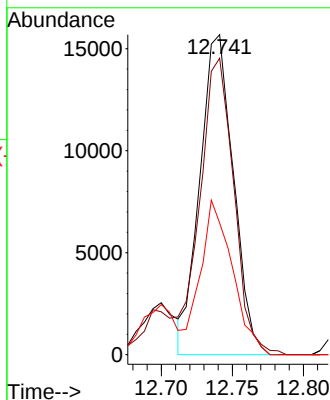
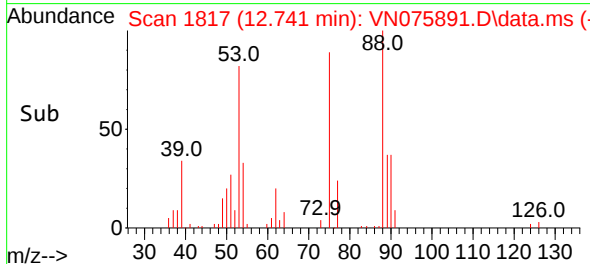
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 75 Resp: 2572
Ion Ratio Lower Upper
75 100
53 95.5 73.8 110.6
89 46.9 39.5 59.3

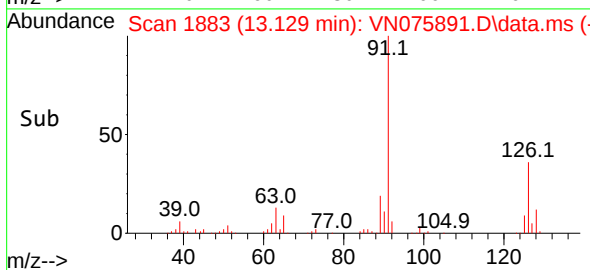
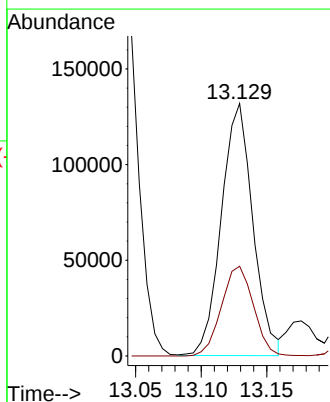
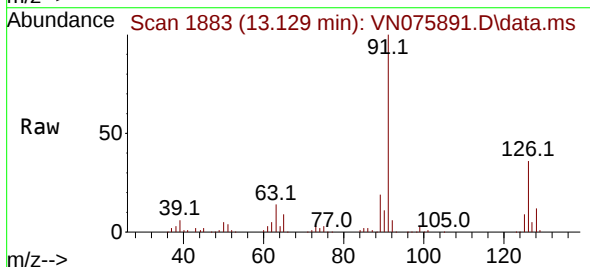
Manual Integrations
APPROVED

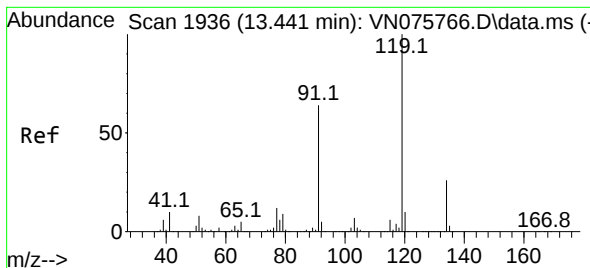
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 20.769 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

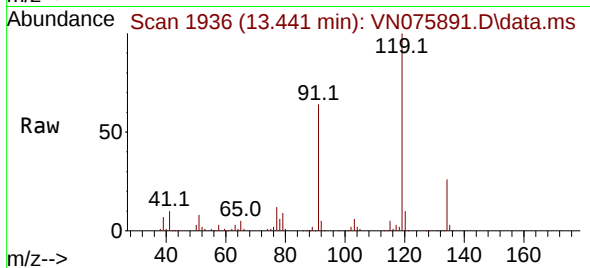
Tgt Ion: 91 Resp: 220564
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.5





#83
tert-Butylbenzene
Concen: 21.813 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

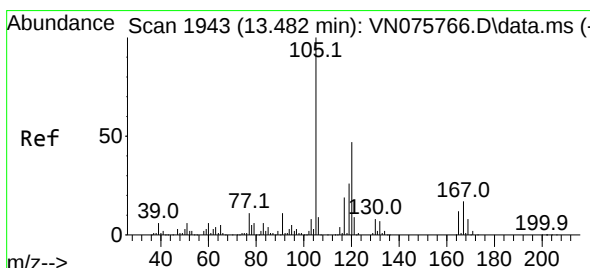
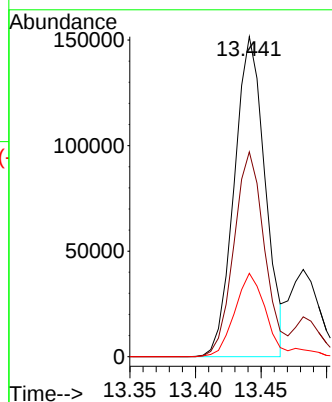
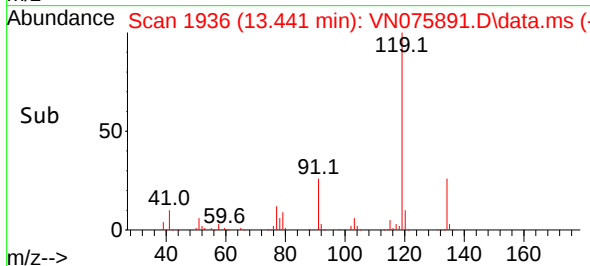
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



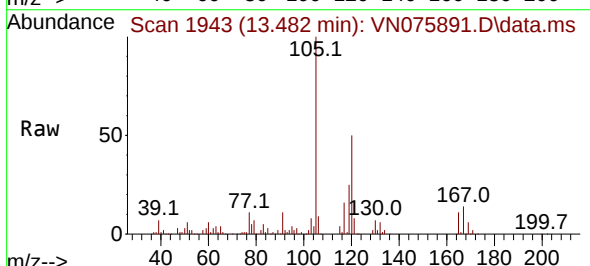
Tgt Ion:119 Resp: 248290
Ion Ratio Lower Upper
119 100
91 64.3 31.9 95.5
134 27.7 13.8 41.4

Manual Integrations
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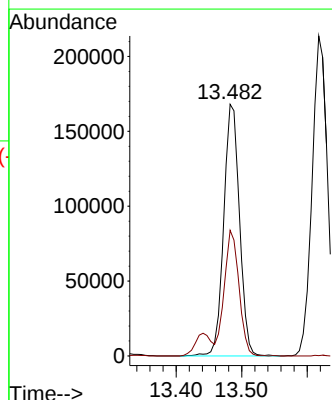
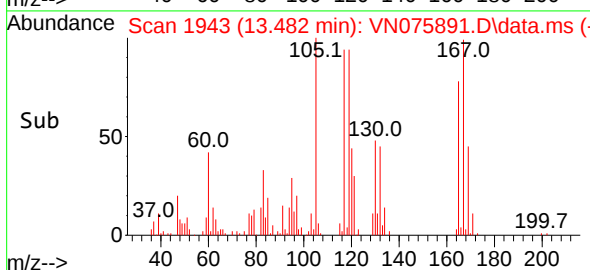
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

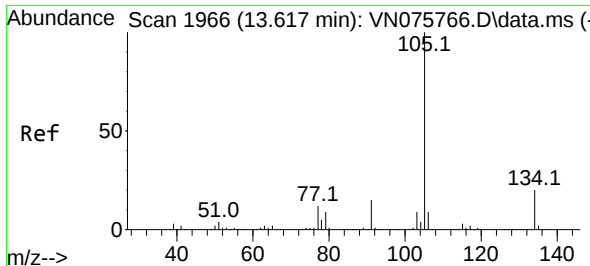


#84
1,2,4-Trimethylbenzene
Concen: 21.867 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



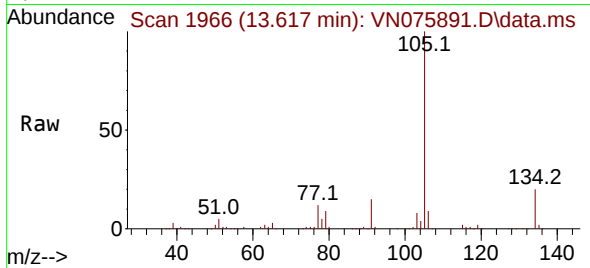
Tgt Ion:105 Resp: 280053
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 22.204 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11

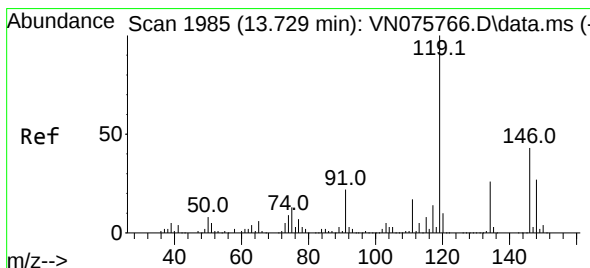
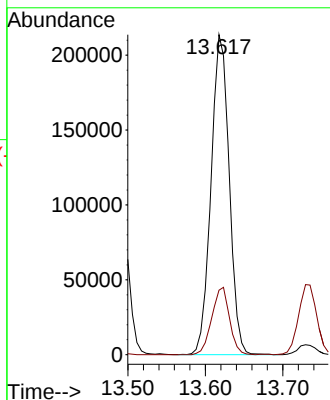
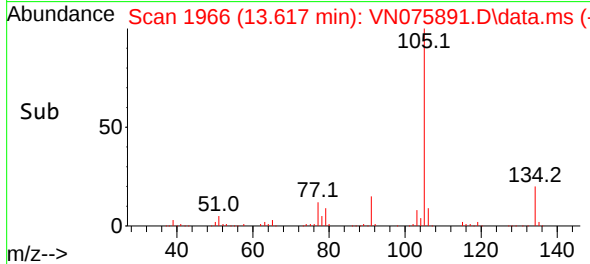
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD01



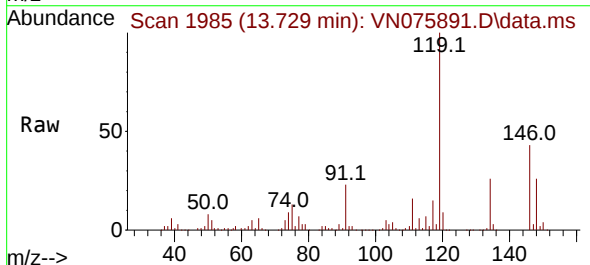
Tgt Ion:105 Resp: 34883
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
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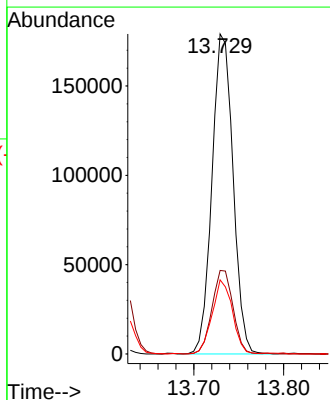
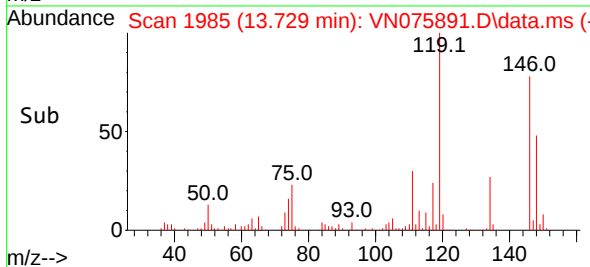
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

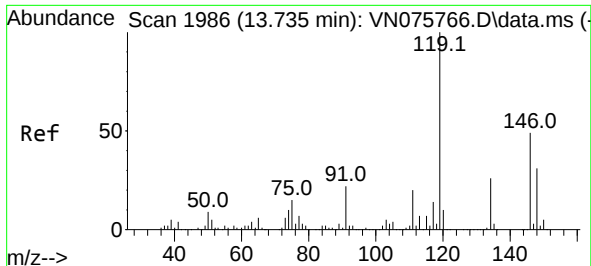


#86
 p-Isopropyltoluene
 Concen: 22.354 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075891.D
 Acq: 20 Dec 2022 12:11



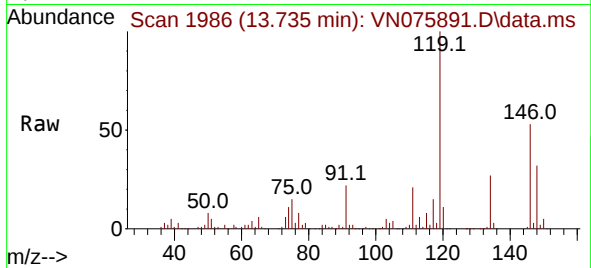
Tgt Ion:119 Resp: 292229
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.3 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 20.760 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

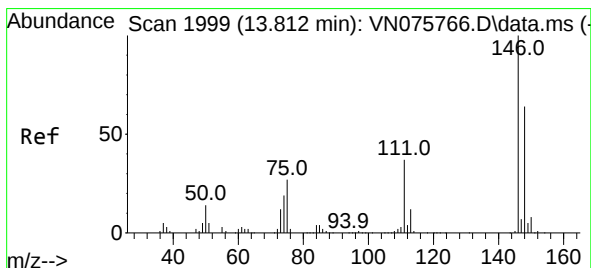
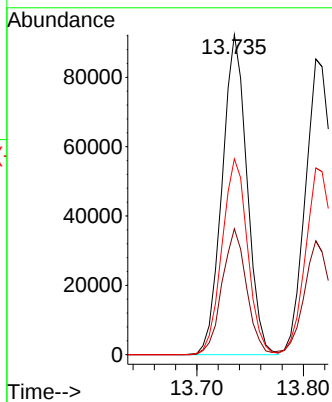
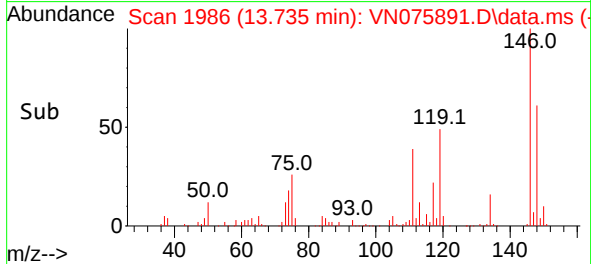
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



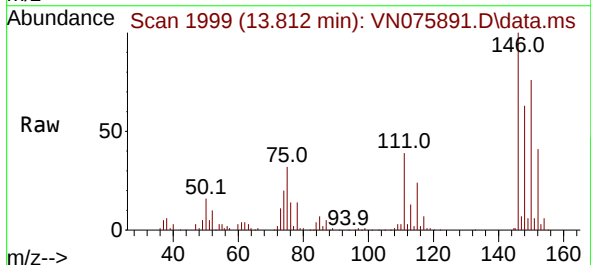
Tgt Ion:146 Resp: 149702
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.0
148 62.9 31.4 94.2

Manual Integrations
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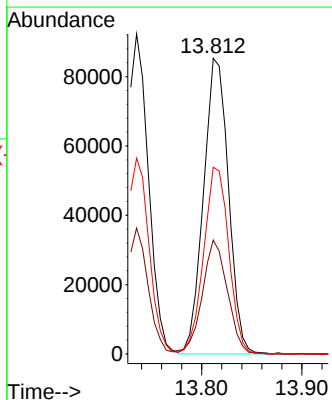
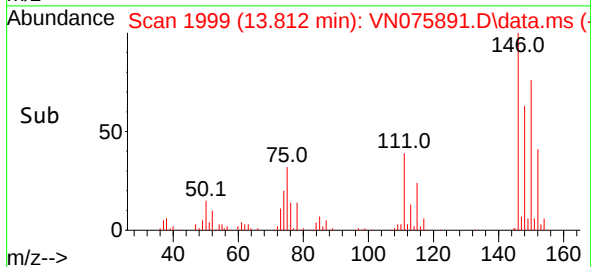
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

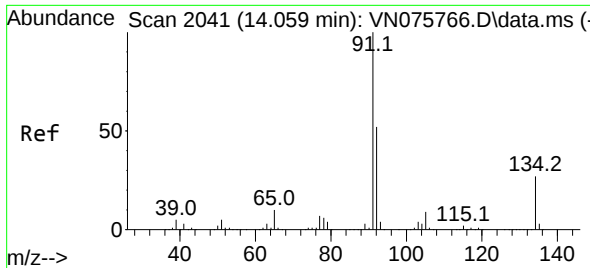


#88
1,4-Dichlorobenzene
Concen: 20.090 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



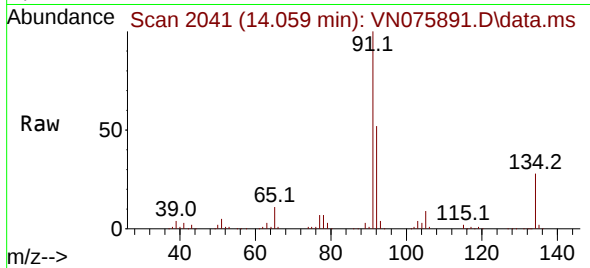
Tgt Ion:146 Resp: 147989
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 63.5 32.0 96.2





#89
n-Butylbenzene
Concen: 21.850 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

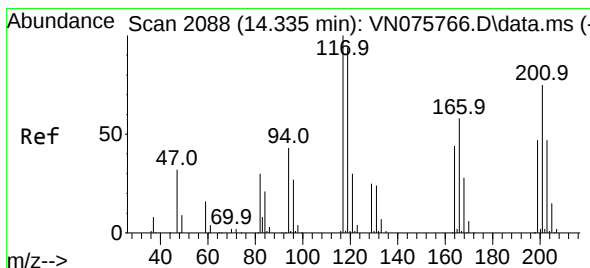
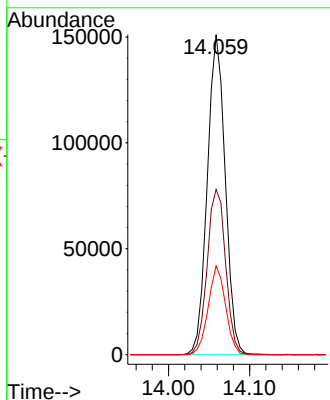
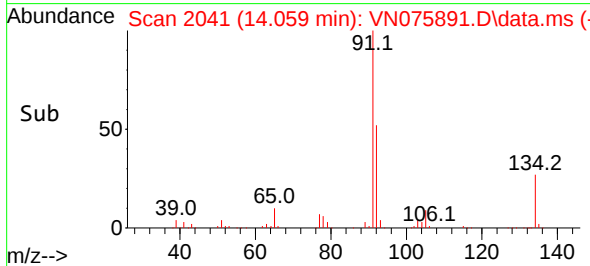
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



Tgt Ion: 91 Resp: 23140
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 26.8 13.4 40.2

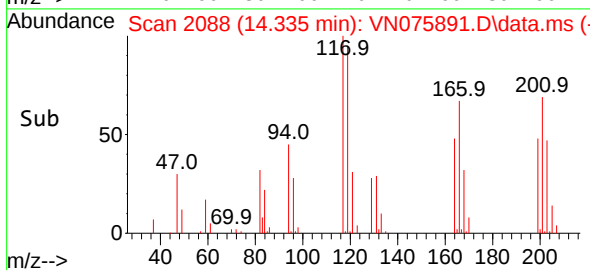
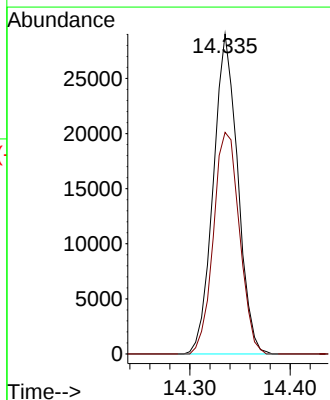
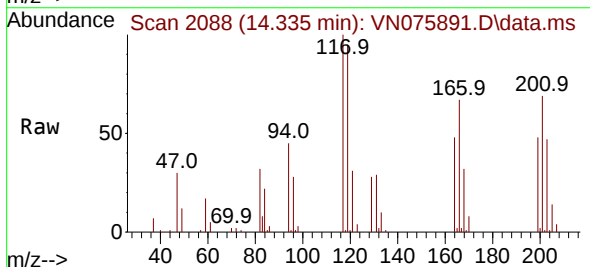
Manual Integrations
APPROVED

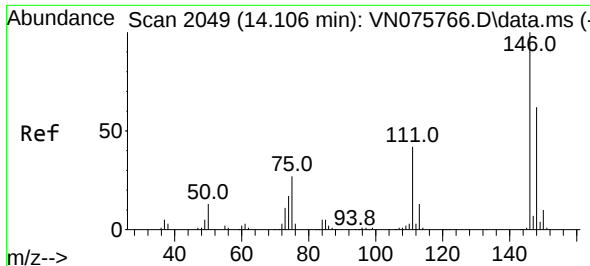
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 21.013 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

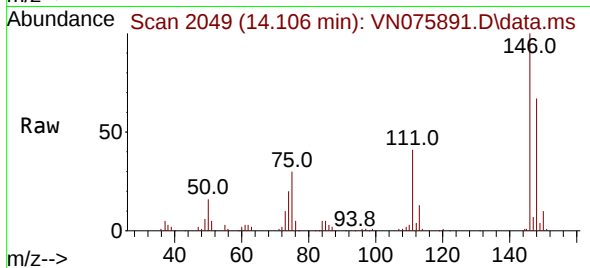
Tgt Ion:117 Resp: 49137
Ion Ratio Lower Upper
117 100
201 73.8 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 20.728 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

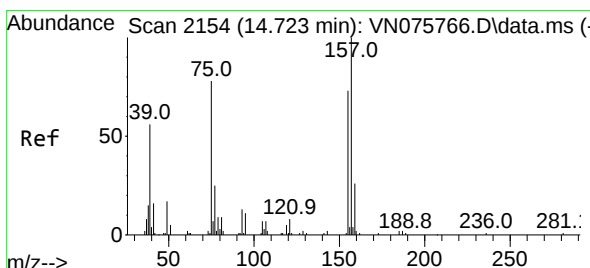
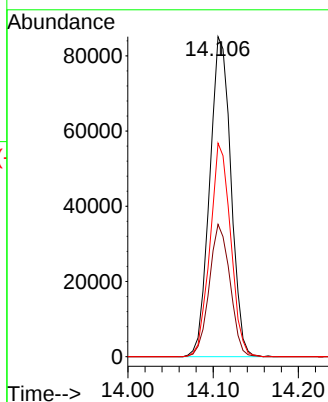
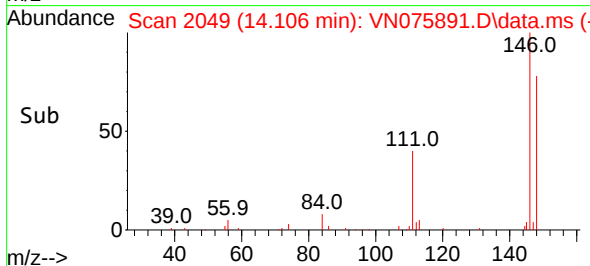
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



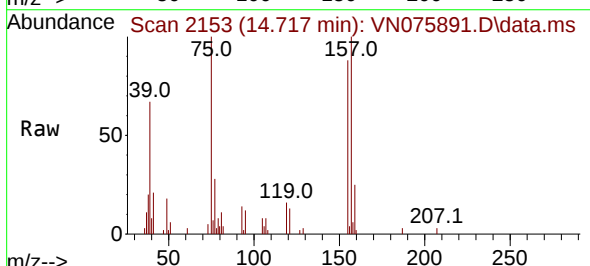
Tgt Ion:146 Resp: 14722
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 64.9 31.7 95.1

Manual Integrations
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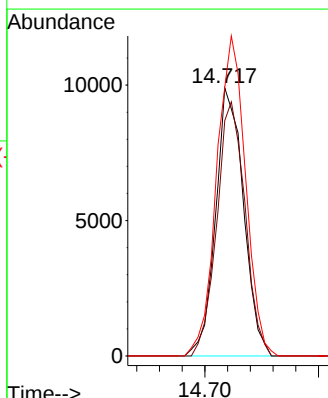
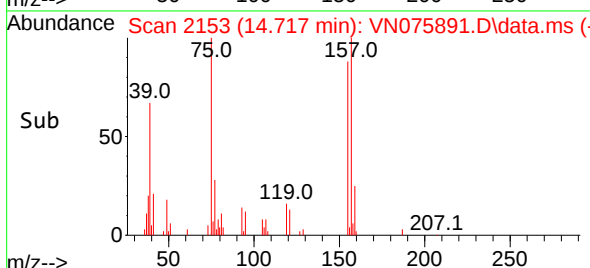
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

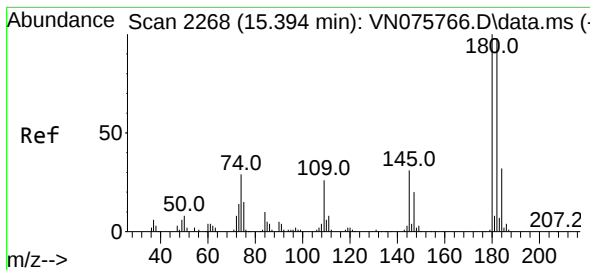


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.936 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



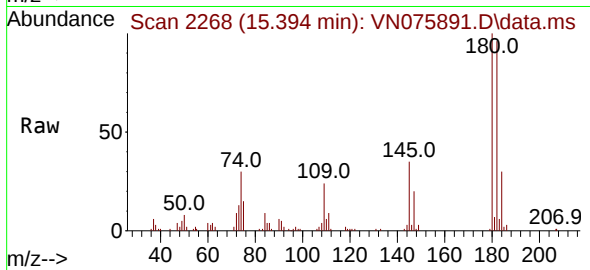
Tgt Ion: 75 Resp: 16868
Ion Ratio Lower Upper
75 100
155 96.1 49.3 147.8
157 123.7 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 21.283 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

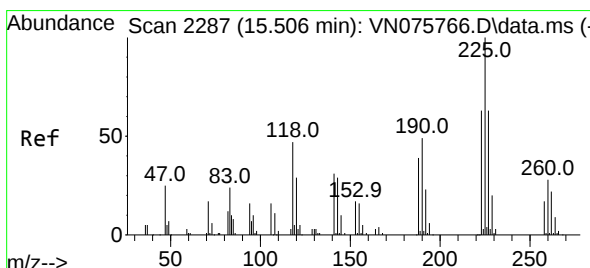
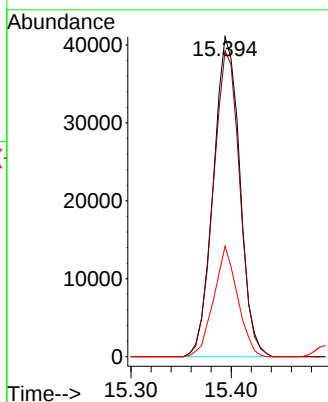
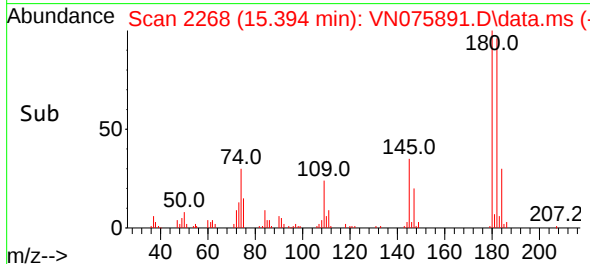
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



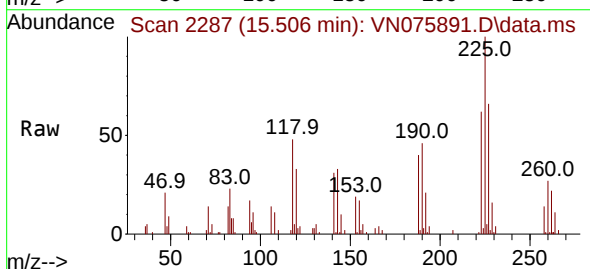
Tgt Ion:180 Resp: 74838
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 31.3 15.3 45.8

Manual Integrations
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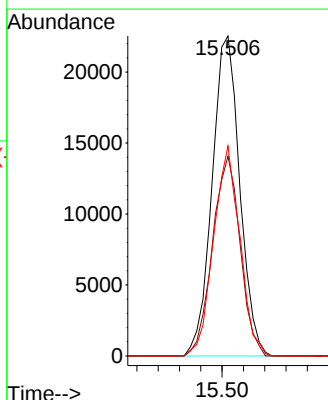
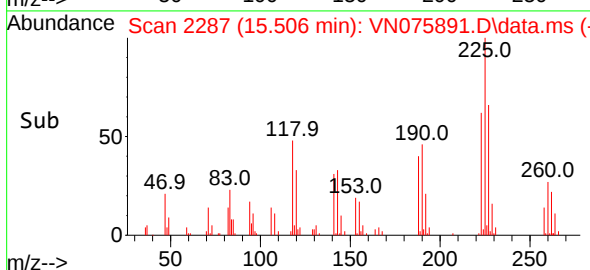
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

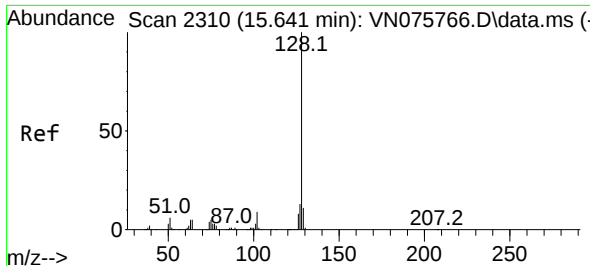


#94
Hexachlorobutadiene
Concen: 21.153 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



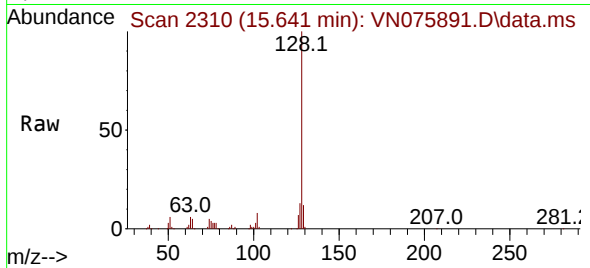
Tgt Ion:225 Resp: 40582
Ion Ratio Lower Upper
225 100
223 62.4 31.5 94.5
227 62.4 31.6 95.0





#95
Naphthalene
Concen: 20.748 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11

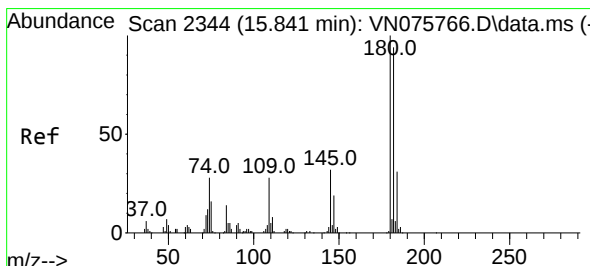
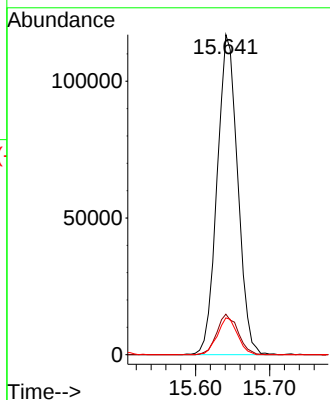
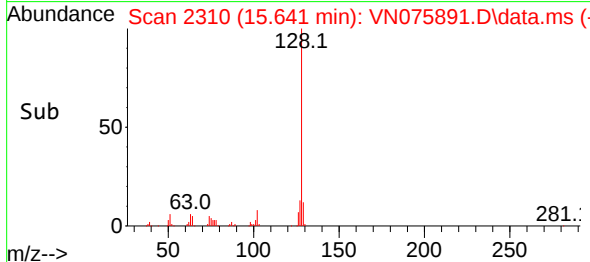
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD01



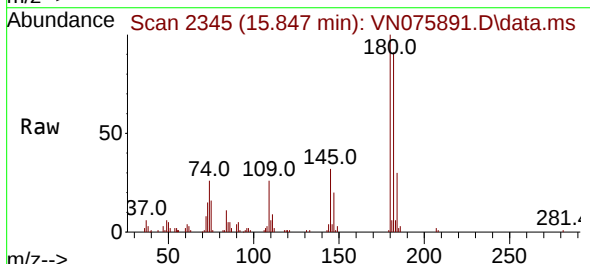
Tgt Ion:128 Resp: 225549
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.936 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075891.D
Acq: 20 Dec 2022 12:11



Tgt Ion:180 Resp: 72095
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.0
145 32.4 16.0 47.9

